IEEE P802.11  
Wireless LANs

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| Proposed Draft Text for EHT Modulation and Coding Schemes (EHT-MCS) | | | | |
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Abstract

This submission proposes the draft text on EHT Modulation and Coding Schemes (EHT-MCSS) for 802.11be D0.1. This document connects to the following motions in [1].

Motions: #112, #SP147 (DCM+MCS0), Motion #111, #SP0611-21 (4KQAM)

References:

[1] 802.11-20/0566r48 Compendium of Straw Polls and Potential Changes to the Specification Framework Document

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### EHT Modulation and Coding Schemes (EHT-MCSs)

The EHT-MCS is a compact representation of the modulation and coding used in the Data field of the PPDU. For an EHT MU PPDU, it is carried per user in the User Specific field of the EHT-SIG field. For an EHT TB PPDU, it is carried in the User Info field of the Trigger frame soliciting the EHT TB PPDU.

Rate dependent parameters for the full set of EHT-MCSs are shown in 34.X (Paramaters for EHT-MCSs).

MCS TBD enables DCM on top of MCS 0. MCS TBD is supported only with 1SS. (#Motion 112)

### EHT-SIG Modulation and Coding Schemes (EHT-SIG-MCSs)

The EHT-SIG-MCS is a compact representation of the modulation and coding used in the EHT-SIG field of the EHT MU PPDU. The EHT-SIG modulation and coding schemes is carried in the EHT-SIG-MCS subfield of the U-SIG field in the EHT MU PPDU and indicates an EHT-SIG-MCS in the range of TBD.

# Appendix

This topic (MCS parameter tables) is moved to Appendix since it is covered in document 11-20/1290.

### EHT-MCSs for 26-tone RU

The rate-dependent parameters for the 26-tone RU are provided in Table 1 (EHT-MCSs for 26-tone RU, NSS = 1) through Table 8 (EHT-MCSs for 26-tone RU, NSS = 8).

Table 1 EHT-MCSs for 26-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 24 | 12 | 0.8824 | 0.8333 | 0.7500 |
| 1 | QPSK | 1/2 | 2 | 48 | 24 | 1.7647 | 1.6667 | 1.5000 |
| 2 | 3/4 | 48 | 36 | 2.6471 | 2.5000 | 2.2500 |
| 3 | 16-QAM | 1/2 | 4 | 96 | 48 | 3.5294 | 3.3333 | 3.0000 |
| 4 | 3/4 | 96 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 5 | 64-QAM | 2/3 | 6 | 144 | 96 | 7.0588 | 6.6667 | 6.0000 |
| 6 | 3/4 | 144 | 108 | 7.9412 | 7.5000 | 6.7500 |
| 7 | 5/6 | 144 | 120 | 8.8235 | 8.3333 | 7.5000 |
| 8 | 256-QAM | 3/4 | 8 | 192 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 9 | 5/6 | 192 | 160 | 11.7647 | 11.1111 | 10.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 240 | 180 | 13.2353 | 12.5000 | 11.2500 |
| 11 | 5/6 | 240 | 200 | 14.7059 | 13.8889 | 12.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 13 | 5/6 | 288 | 240 | 17.6471 | 16.6667 | 15.0000 |
| TBD | DCM+MCS0 | 1/2 | 1 | 12 | 12 | 6 | 0.4412 | 0.4167 | 0.3750 |

Table 2 EHT-MCSs for 26-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 48 | 24 | 1.7647 | 1.6667 | 1.5000 |
| 1 | QPSK | 1/2 | 2 | 96 | 48 | 3.5294 | 3.3333 | 3.0000 |
| 2 | 3/4 | 96 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 3 | 16-QAM | 1/2 | 4 | 192 | 96 | 7.0588 | 6.6667 | 6.0000 |
| 4 | 3/4 | 192 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 5 | 64-QAM | 2/3 | 6 | 288 | 192 | 14.1176 | 13.3333 | 12.0000 |
| 6 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 7 | 5/6 | 288 | 240 | 17.6471 | 16.6667 | 15.0000 |
| 8 | 256-QAM | 3/4 | 8 | 384 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 9 | 5/6 | 384 | 320 | 23.5294 | 22.2222 | 20.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 480 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 11 | 5/6 | 480 | 400 | 29.4118 | 27.7778 | 25.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 13 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |

Table 3 EHT-MCSs for 26-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 72 | 36 | 2.6471 | 2.5000 | 2.2500 |
| 1 | QPSK | 1/2 | 2 | 144 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 2 | 3/4 | 144 | 108 | 7.9412 | 7.5000 | 6.7500 |
| 3 | 16-QAM | 1/2 | 4 | 288 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 4 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 5 | 64-QAM | 2/3 | 6 | 432 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 6 | 3/4 | 432 | 324 | 23.8235 | 22.5000 | 20.2500 |
| 7 | 5/6 | 432 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 8 | 256-QAM | 3/4 | 8 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 9 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 720 | 540 | 39.7059 | 37.5000 | 33.7500 |
| 11 | 5/6 | 720 | 600 | 44.1176 | 41.6667 | 37.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 13 | 5/6 | 864 | 720 | 52.9412 | 50.0000 | 45.0000 |

Table 4 EHT-MCSs for 26-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 96 | 48 | 3.5294 | 3.3333 | 3.0000 |
| 1 | QPSK | 1/2 | 2 | 192 | 96 | 7.0588 | 6.6667 | 6.0000 |
| 2 | 3/4 | 192 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 3 | 16-QAM | 1/2 | 4 | 384 | 192 | 14.1176 | 13.3333 | 12.0000 |
| 4 | 3/4 | 384 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 5 | 64-QAM | 2/3 | 6 | 576 | 384 | 28.2353 | 26.6667 | 24.0000 |
| 6 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 7 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 8 | 256-QAM | 3/4 | 8 | 768 | 576 | 42.3529 | 40.0000 | 36.0000 |
| 9 | 5/6 | 768 | 640 | 47.0588 | 44.4444 | 40.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 960 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 11 | 5/6 | 960 | 800 | 58.8235 | 55.5556 | 50.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 1152 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 13 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60.0000 |

Table 5 EHT-MCSs for 26-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 120 | 60 | 4.4118 | 4.1667 | 3.7500 |
| 1 | QPSK | 1/2 | 2 | 240 | 120 | 8.8235 | 8.3333 | 7.5000 |
| 2 | 3/4 | 240 | 180 | 13.2353 | 12.5000 | 11.2500 |
| 3 | 16-QAM | 1/2 | 4 | 480 | 240 | 17.6471 | 16.6667 | 15.0000 |
| 4 | 3/4 | 480 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 5 | 64-QAM | 2/3 | 6 | 720 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 6 | 3/4 | 720 | 540 | 39.7059 | 37.5000 | 33.7500 |
| 7 | 5/6 | 720 | 600 | 44.1176 | 41.6667 | 37.5000 |
| 8 | 256-QAM | 3/4 | 8 | 960 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 9 | 5/6 | 960 | 800 | 58.8235 | 55.5556 | 50.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 1200 | 900 | 66.1765 | 62.5000 | 56.2500 |
| 11 | 5/6 | 1200 | 1000 | 73.5294 | 69.4444 | 62.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 1440 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 13 | 5/6 | 1440 | 1200 | 88.2353 | 83.3333 | 75.0000 |

Table 6 EHT-MCSs for 26-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 144 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 1 | QPSK | 1/2 | 2 | 288 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 2 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 3 | 16-QAM | 1/2 | 4 | 576 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 4 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 5 | 64-QAM | 2/3 | 6 | 864 | 576 | 42.3529 | 40.0000 | 36.0000 |
| 6 | 3/4 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 7 | 5/6 | 864 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 8 | 256-QAM | 3/4 | 8 | 1152 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 9 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 1440 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 11 | 5/6 | 1440 | 1200 | 88.2353 | 83.3333 | 75.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 1728 | 1296 | 95.2941 | 90.0000 | 81.0000 |
| 13 | 5/6 | 1728 | 1440 | 105.8824 | 100.0000 | 90.0000 |

Table 7 EHT-MCSs for 26-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 168 | 84 | 6.1765 | 5.8333 | 5.2500 |
| 1 | QPSK | 1/2 | 2 | 336 | 168 | 12.3529 | 11.6667 | 10.5000 |
| 2 | 3/4 | 336 | 252 | 18.5294 | 17.5000 | 15.7500 |
| 3 | 16-QAM | 1/2 | 4 | 672 | 336 | 24.7059 | 23.3333 | 21.0000 |
| 4 | 3/4 | 672 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 5 | 64-QAM | 2/3 | 6 | 1008 | 672 | 49.4118 | 46.6667 | 42.0000 |
| 6 | 3/4 | 1008 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 7 | 5/6 | 1008 | 840 | 61.7647 | 58.3333 | 52.5000 |
| 8 | 256-QAM | 3/4 | 8 | 1344 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 9 | 5/6 | 1344 | 1120 | 82.3529 | 77.7778 | 70.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 1680 | 1260 | 92.6471 | 87.5000 | 78.7500 |
| 11 | 5/6 | 1680 | 1400 | 102.9412 | 97.2222 | 87.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 13 | 5/6 | 2016 | 1680 | 123.5294 | 116.6667 | 105.0000 |

Table 8 EHT-MCSs for 26-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 24 | 192 | 96 | 7.0588 | 6.6667 | 6 |
| 1 | QPSK | 1/2 | 2 | 384 | 192 | 14.1176 | 13.3333 | 12 |
| 2 | 3/4 | 384 | 288 | 21.1765 | 20.0000 | 18 |
| 3 | 16-QAM | 1/2 | 4 | 768 | 384 | 28.2353 | 26.6667 | 24 |
| 4 | 3/4 | 768 | 576 | 42.3529 | 40.0000 | 36 |
| 5 | 64-QAM | 2/3 | 6 | 1152 | 768 | 56.4706 | 53.3333 | 48 |
| 6 | 3/4 | 1152 | 864 | 63.5294 | 60.0000 | 54 |
| 7 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60 |
| 8 | 256-QAM | 3/4 | 8 | 1536 | 1152 | 84.7059 | 80.0000 | 72 |
| 9 | 5/6 | 1536 | 1280 | 94.1176 | 88.8889 | 80 |
| 10 | 1024-QAM | 3/4 | 10 | 1920 | 1440 | 105.8824 | 100.0000 | 90 |
| 11 | 5/6 | 1920 | 1600 | 117.6471 | 111.1111 | 100 |
| 12 | 4096-QAM | 3/4 | 12 | 2304 | 1728 | 127.0588 | 120.0000 | 108 |
| 13 | 5/6 | 2304 | 1920 | 141.1765 | 133.3333 | 120 |

### EHT-MCSs for 52-tone RU

The rate-dependent parameters for the 26-tone RU are provided in (EHT-MCSs for 52-tone RU, NSS = 1) through Table 8 (EHT-MCSs for 52-tone RU, NSS = 8).

Table 9 EHT-MCSs for 52-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 48 | 24 | 1.7647 | 1.6667 | 1.5000 |
| 1 | QPSK | 1/2 | 2 | 96 | 48 | 3.5294 | 3.3333 | 3.0000 |
| 2 | 3/4 | 96 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 3 | 16-QAM | 1/2 | 4 | 192 | 96 | 7.0588 | 6.6667 | 6.0000 |
| 4 | 3/4 | 192 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 5 | 64-QAM | 2/3 | 6 | 288 | 192 | 14.1176 | 13.3333 | 12.0000 |
| 6 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 7 | 5/6 | 288 | 240 | 17.6471 | 16.6667 | 15.0000 |
| 8 | 256-QAM | 3/4 | 8 | 384 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 9 | 5/6 | 384 | 320 | 23.5294 | 22.2222 | 20.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 480 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 11 | 5/6 | 480 | 400 | 29.4118 | 27.7778 | 25.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 13 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |
| TBD | DCM+MCS0 | 1/2 | 1 | 24 | 24 | 12 | 0.8824 | 0.8333 | 0.7500 |

Table 10 EHT-MCSs for 52-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 96 | 48 | 3.5294 | 3.3333 | 3.0000 |
| 1 | QPSK | 1/2 | 2 | 192 | 96 | 7.0588 | 6.6667 | 6.0000 |
| 2 | 3/4 | 192 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 3 | 16-QAM | 1/2 | 4 | 384 | 192 | 14.1176 | 13.3333 | 12.0000 |
| 4 | 3/4 | 384 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 5 | 64-QAM | 2/3 | 6 | 576 | 384 | 28.2353 | 26.6667 | 24.0000 |
| 6 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 7 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 8 | 256-QAM | 3/4 | 8 | 768 | 576 | 42.3529 | 40.0000 | 36.0000 |
| 9 | 5/6 | 768 | 640 | 47.0588 | 44.4444 | 40.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 960 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 11 | 5/6 | 960 | 800 | 58.8235 | 55.5556 | 50.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 1152 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 13 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60.0000 |

Table 11 EHT-MCSs for 52-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 144 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 1 | QPSK | 1/2 | 2 | 288 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 2 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 3 | 16-QAM | 1/2 | 4 | 576 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 4 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 5 | 64-QAM | 2/3 | 6 | 864 | 576 | 42.3529 | 40.0000 | 36.0000 |
| 6 | 3/4 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 7 | 5/6 | 864 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 8 | 256-QAM | 3/4 | 8 | 1152 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 9 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 1440 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 11 | 5/6 | 1440 | 1200 | 88.2353 | 83.3333 | 75.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 1728 | 1296 | 95.2941 | 90.0000 | 81.0000 |
| 13 | 5/6 | 1728 | 1440 | 105.8824 | 100.0000 | 90.0000 |

Table 12 EHT-MCSs for 52-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 192 | 96 | 7.0588 | 6.6667 | 6 |
| 1 | QPSK | 1/2 | 2 | 384 | 192 | 14.1176 | 13.3333 | 12 |
| 2 | 3/4 | 384 | 288 | 21.1765 | 20.0000 | 18 |
| 3 | 16-QAM | 1/2 | 4 | 768 | 384 | 28.2353 | 26.6667 | 24 |
| 4 | 3/4 | 768 | 576 | 42.3529 | 40.0000 | 36 |
| 5 | 64-QAM | 2/3 | 6 | 1152 | 768 | 56.4706 | 53.3333 | 48 |
| 6 | 3/4 | 1152 | 864 | 63.5294 | 60.0000 | 54 |
| 7 | 5/6 | 1152 | 960 | 70.5882 | 66.6667 | 60 |
| 8 | 256-QAM | 3/4 | 8 | 1536 | 1152 | 84.7059 | 80.0000 | 72 |
| 9 | 5/6 | 1536 | 1280 | 94.1176 | 88.8889 | 80 |
| 10 | 1024-QAM | 3/4 | 10 | 1920 | 1440 | 105.8824 | 100.0000 | 90 |
| 11 | 5/6 | 1920 | 1600 | 117.6471 | 111.1111 | 100 |
| 12 | 4096-QAM | 3/4 | 12 | 2304 | 1728 | 127.0588 | 120.0000 | 108 |
| 13 | 5/6 | 2304 | 1920 | 141.1765 | 133.3333 | 120 |

Table 13 EHT-MCSs for 52-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 240 | 120 | 8.8235 | 8.3333 | 7.5000 |
| 1 | QPSK | 1/2 | 2 | 480 | 240 | 17.6471 | 16.6667 | 15.0000 |
| 2 | 3/4 | 480 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 3 | 16-QAM | 1/2 | 4 | 960 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 4 | 3/4 | 960 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 5 | 64-QAM | 2/3 | 6 | 1440 | 960 | 70.5882 | 66.6667 | 60.0000 |
| 6 | 3/4 | 1440 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 7 | 5/6 | 1440 | 1200 | 88.2353 | 83.3333 | 75.0000 |
| 8 | 256-QAM | 3/4 | 8 | 1920 | 1440 | 105.8824 | 100.0000 | 90.0000 |
| 9 | 5/6 | 1920 | 1600 | 117.6471 | 111.1111 | 100.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 2400 | 1800 | 132.3529 | 125.0000 | 112.5000 |
| 11 | 5/6 | 2400 | 2000 | 147.0588 | 138.8889 | 125.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 2880 | 2160 | 158.8235 | 150.0000 | 135.0000 |
| 13 | 5/6 | 2880 | 2400 | 176.4706 | 166.6667 | 150.0000 |

Table 14 EHT-MCSs for 52-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 288 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 1 | QPSK | 1/2 | 2 | 576 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 2 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 3 | 16-QAM | 1/2 | 4 | 1152 | 576 | 42.3529 | 40.0000 | 36.0000 |
| 4 | 3/4 | 1152 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 5 | 64-QAM | 2/3 | 6 | 1728 | 1152 | 84.7059 | 80.0000 | 72.0000 |
| 6 | 3/4 | 1728 | 1296 | 95.2941 | 90.0000 | 81.0000 |
| 7 | 5/6 | 1728 | 1440 | 105.8824 | 100.0000 | 90.0000 |
| 8 | 256-QAM | 3/4 | 8 | 2304 | 1728 | 127.0588 | 120.0000 | 108.0000 |
| 9 | 5/6 | 2304 | 1920 | 141.1765 | 133.3333 | 120.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 2880 | 2160 | 158.8235 | 150.0000 | 135.0000 |
| 11 | 5/6 | 2880 | 2400 | 176.4706 | 166.6667 | 150.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 3456 | 2592 | 190.5882 | 180.0000 | 162.0000 |
| 13 | 5/6 | 3456 | 2880 | 211.7647 | 200.0000 | 180.0000 |

Table 15 EHT-MCSs for 52-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 336 | 168 | 12.3529 | 11.6667 | 10.5000 |
| 1 | QPSK | 1/2 | 2 | 672 | 336 | 24.7059 | 23.3333 | 21.0000 |
| 2 | 3/4 | 672 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 3 | 16-QAM | 1/2 | 4 | 1344 | 672 | 49.4118 | 46.6667 | 42.0000 |
| 4 | 3/4 | 1344 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 5 | 64-QAM | 2/3 | 6 | 2016 | 1344 | 98.8235 | 93.3333 | 84.0000 |
| 6 | 3/4 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 7 | 5/6 | 2016 | 1680 | 123.5294 | 116.6667 | 105.0000 |
| 8 | 256-QAM | 3/4 | 8 | 2688 | 2016 | 148.2353 | 140.0000 | 126.0000 |
| 9 | 5/6 | 2688 | 2240 | 164.7059 | 155.5556 | 140.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 3360 | 2520 | 185.2941 | 175.0000 | 157.5000 |
| 11 | 5/6 | 3360 | 2800 | 205.8824 | 194.4444 | 175.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 4032 | 3024 | 222.3529 | 210.0000 | 189.0000 |
| 13 | 5/6 | 4032 | 3360 | 247.0588 | 233.3333 | 210.0000 |

Table 16 EHT-MCSs for 52-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 48 | 384 | 192 | 14.1176 | 13.3333 | 12 |
| 1 | QPSK | 1/2 | 2 | 768 | 384 | 28.2353 | 26.6667 | 24 |
| 2 | 3/4 | 768 | 576 | 42.3529 | 40.0000 | 36 |
| 3 | 16-QAM | 1/2 | 4 | 1536 | 768 | 56.4706 | 53.3333 | 48 |
| 4 | 3/4 | 1536 | 1152 | 84.7059 | 80.0000 | 72 |
| 5 | 64-QAM | 2/3 | 6 | 2304 | 1536 | 112.9412 | 106.6667 | 96 |
| 6 | 3/4 | 2304 | 1728 | 127.0588 | 120.0000 | 108 |
| 7 | 5/6 | 2304 | 1920 | 141.1765 | 133.3333 | 120 |
| 8 | 256-QAM | 3/4 | 8 | 3072 | 2304 | 169.4118 | 160.0000 | 144 |
| 9 | 5/6 | 3072 | 2560 | 188.2353 | 177.7778 | 160 |
| 10 | 1024-QAM | 3/4 | 10 | 3840 | 2880 | 211.7647 | 200.0000 | 180 |
| 11 | 5/6 | 3840 | 3200 | 235.2941 | 222.2222 | 200 |
| 12 | 4096-QAM | 3/4 | 12 | 4608 | 3456 | 254.1176 | 240.0000 | 216 |
| 13 | 5/6 | 4608 | 3840 | 282.3529 | 266.6667 | 240 |

### EHT-MCSs for 106-tone RU

The rate-dependent parameters for the 106-tone RU are provided in table (EHT-MCSs for 106-tone RU, NSS = 1) through table (EHT-MCSs for 106-tone RU, NSS = 8).

Table 17 EHT-MCSs for 106-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 102 | 51 | 3.7500 | 3.5417 | 3.1875 |
| 1 | QPSK | 1/2 | 2 | 204 | 102 | 7.5000 | 7.0833 | 6.3750 |
| 2 | 3/4 | 204 | 153 | 11.2500 | 10.6250 | 9.5625 |
| 3 | 16-QAM | 1/2 | 4 | 408 | 204 | 15.0000 | 14.1667 | 12.7500 |
| 4 | 3/4 | 408 | 306 | 22.5000 | 21.2500 | 19.1250 |
| 5 | 64-QAM | 2/3 | 6 | 612 | 408 | 30.0000 | 28.3333 | 25.5000 |
| 6 | 3/4 | 612 | 459 | 33.7500 | 31.8750 | 28.6875 |
| 7 | 5/6 | 612 | 510 | 37.5000 | 35.4167 | 31.8750 |
| 8 | 256-QAM | 3/4 | 8 | 816 | 612 | 45.0000 | 42.5000 | 38.2500 |
| 9 | 5/6 | 816 | 680 | 50.0000 | 47.2222 | 42.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 1020 | 765 | 56.2500 | 53.1250 | 47.8125 |
| 11 | 5/6 | 1020 | 850 | 62.5000 | 59.0278 | 53.1250 |
| 12 | 4096-QAM | 3/4 | 12 | 1224 | 918 | 67.5000 | 63.7500 | 57.3750 |
| 13 | 5/6 | 1224 | 1020 | 75.0000 | 70.8333 | 63.7500 |
| TBD | DCM | 1/2 | 1 | 51 | 51 | 25 | 1.8382 | 1.7361 | 1.5625 |

Table 18 EHT-MCSs for 106-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 204 | 102 | 7.5000 | 7.0833 | 6.3750 |
| 1 | QPSK | 1/2 | 2 | 408 | 204 | 15.0000 | 14.1667 | 12.7500 |
| 2 | 3/4 | 408 | 306 | 22.5000 | 21.2500 | 19.1250 |
| 3 | 16-QAM | 1/2 | 4 | 816 | 408 | 30.0000 | 28.3333 | 25.5000 |
| 4 | 3/4 | 816 | 612 | 45.0000 | 42.5000 | 38.2500 |
| 5 | 64-QAM | 2/3 | 6 | 1224 | 816 | 60.0000 | 56.6667 | 51.0000 |
| 6 | 3/4 | 1224 | 918 | 67.5000 | 63.7500 | 57.3750 |
| 7 | 5/6 | 1224 | 1020 | 75.0000 | 70.8333 | 63.7500 |
| 8 | 256-QAM | 3/4 | 8 | 1632 | 1224 | 90.0000 | 85.0000 | 76.5000 |
| 9 | 5/6 | 1632 | 1360 | 100.0000 | 94.4444 | 85.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 2040 | 1530 | 112.5000 | 106.2500 | 95.6250 |
| 11 | 5/6 | 2040 | 1700 | 125.0000 | 118.0556 | 106.2500 |
| 12 | 4096-QAM | 3/4 | 12 | 2448 | 1836 | 135.0000 | 127.5000 | 114.7500 |
| 13 | 5/6 | 2448 | 2040 | 150.0000 | 141.6667 | 127.5000 |

Table 19 EHT-MCSs for 106-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 306 | 153 | 11.2500 | 10.6250 | 9.5625 |
| 1 | QPSK | 1/2 | 2 | 612 | 306 | 22.5000 | 21.2500 | 19.1250 |
| 2 | 3/4 | 612 | 459 | 33.7500 | 31.8750 | 28.6875 |
| 3 | 16-QAM | 1/2 | 4 | 1224 | 612 | 45.0000 | 42.5000 | 38.2500 |
| 4 | 3/4 | 1224 | 918 | 67.5000 | 63.7500 | 57.3750 |
| 5 | 64-QAM | 2/3 | 6 | 1836 | 1224 | 90.0000 | 85.0000 | 76.5000 |
| 6 | 3/4 | 1836 | 1377 | 101.2500 | 95.6250 | 86.0625 |
| 7 | 5/6 | 1836 | 1530 | 112.5000 | 106.2500 | 95.6250 |
| 8 | 256-QAM | 3/4 | 8 | 2448 | 1836 | 135.0000 | 127.5000 | 114.7500 |
| 9 | 5/6 | 2448 | 2040 | 150.0000 | 141.6667 | 127.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 3060 | 2295 | 168.7500 | 159.3750 | 143.4375 |
| 11 | 5/6 | 3060 | 2550 | 187.5000 | 177.0833 | 159.3750 |
| 12 | 4096-QAM | 3/4 | 12 | 3672 | 2754 | 202.5000 | 191.2500 | 172.1250 |
| 13 | 5/6 | 3672 | 3060 | 225.0000 | 212.5000 | 191.2500 |

Table 20 EHT-MCSs for 106-tone RU, NSS =4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 408 | 204 | 15.0000 | 14.1667 | 12.7500 |
| 1 | QPSK | 1/2 | 2 | 816 | 408 | 30.0000 | 28.3333 | 25.5000 |
| 2 | 3/4 | 816 | 612 | 45.0000 | 42.5000 | 38.2500 |
| 3 | 16-QAM | 1/2 | 4 | 1632 | 816 | 60.0000 | 56.6667 | 51.0000 |
| 4 | 3/4 | 1632 | 1224 | 90.0000 | 85.0000 | 76.5000 |
| 5 | 64-QAM | 2/3 | 6 | 2448 | 1632 | 120.0000 | 113.3333 | 102.0000 |
| 6 | 3/4 | 2448 | 1836 | 135.0000 | 127.5000 | 114.7500 |
| 7 | 5/6 | 2448 | 2040 | 150.0000 | 141.6667 | 127.5000 |
| 8 | 256-QAM | 3/4 | 8 | 3264 | 2448 | 180.0000 | 170.0000 | 153.0000 |
| 9 | 5/6 | 3264 | 2720 | 200.0000 | 188.8889 | 170.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 4080 | 3060 | 225.0000 | 212.5000 | 191.2500 |
| 11 | 5/6 | 4080 | 3400 | 250.0000 | 236.1111 | 212.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 4896 | 3672 | 270.0000 | 255.0000 | 229.5000 |
| 13 | 5/6 | 4896 | 4080 | 300.0000 | 283.3333 | 255.0000 |

Table 21 EHT-MCSs for 106-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 510 | 255 | 18.7500 | 17.7083 | 15.9375 |
| 1 | QPSK | 1/2 | 2 | 1020 | 510 | 37.5000 | 35.4167 | 31.8750 |
| 2 | 3/4 | 1020 | 765 | 56.2500 | 53.1250 | 47.8125 |
| 3 | 16-QAM | 1/2 | 4 | 2040 | 1020 | 75.0000 | 70.8333 | 63.7500 |
| 4 | 3/4 | 2040 | 1530 | 112.5000 | 106.2500 | 95.6250 |
| 5 | 64-QAM | 2/3 | 6 | 3060 | 2040 | 150.0000 | 141.6667 | 127.5000 |
| 6 | 3/4 | 3060 | 2295 | 168.7500 | 159.3750 | 143.4375 |
| 7 | 5/6 | 3060 | 2550 | 187.5000 | 177.0833 | 159.3750 |
| 8 | 256-QAM | 3/4 | 8 | 4080 | 3060 | 225.0000 | 212.5000 | 191.2500 |
| 9 | 5/6 | 4080 | 3400 | 250.0000 | 236.1111 | 212.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 5100 | 3825 | 281.2500 | 265.6250 | 239.0625 |
| 11 | 5/6 | 5100 | 4250 | 312.5000 | 295.1389 | 265.6250 |
| 12 | 4096-QAM | 3/4 | 12 | 6120 | 4590 | 337.5000 | 318.7500 | 286.8750 |
| 13 | 5/6 | 6120 | 5100 | 375.0000 | 354.1667 | 318.7500 |

Table 22 EHT-MCSs for 106-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 612 | 306 | 22.5000 | 21.2500 | 19.1250 |
| 1 | QPSK | 1/2 | 2 | 1224 | 612 | 45.0000 | 42.5000 | 38.2500 |
| 2 | 3/4 | 1224 | 918 | 67.5000 | 63.7500 | 57.3750 |
| 3 | 16-QAM | 1/2 | 4 | 2448 | 1224 | 90.0000 | 85.0000 | 76.5000 |
| 4 | 3/4 | 2448 | 1836 | 135.0000 | 127.5000 | 114.7500 |
| 5 | 64-QAM | 2/3 | 6 | 3672 | 2448 | 180.0000 | 170.0000 | 153.0000 |
| 6 | 3/4 | 3672 | 2754 | 202.5000 | 191.2500 | 172.1250 |
| 7 | 5/6 | 3672 | 3060 | 225.0000 | 212.5000 | 191.2500 |
| 8 | 256-QAM | 3/4 | 8 | 4896 | 3672 | 270.0000 | 255.0000 | 229.5000 |
| 9 | 5/6 | 4896 | 4080 | 300.0000 | 283.3333 | 255.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 6120 | 4590 | 337.5000 | 318.7500 | 286.8750 |
| 11 | 5/6 | 6120 | 5100 | 375.0000 | 354.1667 | 318.7500 |
| 12 | 4096-QAM | 3/4 | 12 | 7344 | 5508 | 405.0000 | 382.5000 | 344.2500 |
| 13 | 5/6 | 7344 | 6120 | 450.0000 | 425.0000 | 382.5000 |

Table 23 EHT-MCSs for 106-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 714 | 357 | 26.2500 | 24.7917 | 22.3125 |
| 1 | QPSK | 1/2 | 2 | 1428 | 714 | 52.5000 | 49.5833 | 44.6250 |
| 2 | 3/4 | 1428 | 1071 | 78.7500 | 74.3750 | 66.9375 |
| 3 | 16-QAM | 1/2 | 4 | 2856 | 1428 | 105.0000 | 99.1667 | 89.2500 |
| 4 | 3/4 | 2856 | 2142 | 157.5000 | 148.7500 | 133.8750 |
| 5 | 64-QAM | 2/3 | 6 | 4284 | 2856 | 210.0000 | 198.3333 | 178.5000 |
| 6 | 3/4 | 4284 | 3213 | 236.2500 | 223.1250 | 200.8125 |
| 7 | 5/6 | 4284 | 3570 | 262.5000 | 247.9167 | 223.1250 |
| 8 | 256-QAM | 3/4 | 8 | 5712 | 4284 | 315.0000 | 297.5000 | 267.7500 |
| 9 | 5/6 | 5712 | 4760 | 350.0000 | 330.5556 | 297.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 7140 | 5355 | 393.7500 | 371.8750 | 334.6875 |
| 11 | 5/6 | 7140 | 5950 | 437.5000 | 413.1944 | 371.8750 |
| 12 | 4096-QAM | 3/4 | 12 | 8568 | 6426 | 472.5000 | 446.2500 | 401.6250 |
| 13 | 5/6 | 8568 | 7140 | 525.0000 | 495.8333 | 446.2500 |

Table 24 EHT-MCSs for 106-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 102 | 816 | 408 | 30 | 28.3333 | 25.5000 |
| 1 | QPSK | 1/2 | 2 | 1632 | 816 | 60 | 56.6667 | 51.0000 |
| 2 | 3/4 | 1632 | 1224 | 90 | 85.0000 | 76.5000 |
| 3 | 16-QAM | 1/2 | 4 | 3264 | 1632 | 120 | 113.3333 | 102.0000 |
| 4 | 3/4 | 3264 | 2448 | 180 | 170.0000 | 153.0000 |
| 5 | 64-QAM | 2/3 | 6 | 4896 | 3264 | 240 | 226.6667 | 204.0000 |
| 6 | 3/4 | 4896 | 3672 | 270 | 255.0000 | 229.5000 |
| 7 | 5/6 | 4896 | 4080 | 300 | 283.3333 | 255.0000 |
| 8 | 256-QAM | 3/4 | 8 | 6528 | 4896 | 360 | 340.0000 | 306.0000 |
| 9 | 5/6 | 6528 | 5440 | 400 | 377.7778 | 340.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 8160 | 6120 | 450 | 425.0000 | 382.5000 |
| 11 | 5/6 | 8160 | 6800 | 500 | 472.2222 | 425.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 9792 | 7344 | 540 | 510.0000 | 459.0000 |
| 13 | 5/6 | 9792 | 8160 | 600 | 566.6667 | 510.0000 |

### EHT-MCSs for 242-tone RU

The rate-dependent parameters for the 242-tone RU are provided in table (EHT-MCSs for 242-tone RU, NSS = 1) through table (EHT-MCSs for 242-tone RU, NSS = 8).

Table 25 EHT-MCSs for 242-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 234 | 117 | 8.6029 | 8.1250 | 7.3125 |
| 1 | QPSK | 1/2 | 2 | 468 | 234 | 17.2059 | 16.2500 | 14.6250 |
| 2 | 3/4 | 468 | 351 | 25.8088 | 24.3750 | 21.9375 |
| 3 | 16-QAM | 1/2 | 4 | 936 | 468 | 34.4118 | 32.5000 | 29.2500 |
| 4 | 3/4 | 936 | 702 | 51.6176 | 48.7500 | 43.8750 |
| 5 | 64-QAM | 2/3 | 6 | 1404 | 936 | 68.8235 | 65.0000 | 58.5000 |
| 6 | 3/4 | 1404 | 1053 | 77.4265 | 73.1250 | 65.8125 |
| 7 | 5/6 | 1404 | 1170 | 86.0294 | 81.2500 | 73.1250 |
| 8 | 256-QAM | 3/4 | 8 | 1872 | 1404 | 103.2353 | 97.5000 | 87.7500 |
| 9 | 5/6 | 1872 | 1560 | 114.7059 | 108.3333 | 97.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 2340 | 1755 | 129.0441 | 121.8750 | 109.6875 |
| 11 | 5/6 | 2340 | 1950 | 143.3824 | 135.4167 | 121.8750 |
| 12 | 4096-QAM | 3/4 | 12 | 2808 | 2106 | 154.8529 | 146.2500 | 131.6250 |
| 13 | 5/6 | 2808 | 2340 | 172.0588 | 162.5000 | 146.2500 |
| TBD | DCM+MCS0 | 1/2 | 1 | 117 | 117 | 58 | 4.2647 | 4.0278 | 3.6250 |

Table 26 EHT-MCSs for 242-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 468 | 234 | 17.2059 | 16.2500 | 14.6250 |
| 1 | QPSK | 1/2 | 2 | 936 | 468 | 34.4118 | 32.5000 | 29.2500 |
| 2 | 3/4 | 936 | 702 | 51.6176 | 48.7500 | 43.8750 |
| 3 | 16-QAM | 1/2 | 4 | 1872 | 936 | 68.8235 | 65.0000 | 58.5000 |
| 4 | 3/4 | 1872 | 1404 | 103.2353 | 97.5000 | 87.7500 |
| 5 | 64-QAM | 2/3 | 6 | 2808 | 1872 | 137.6471 | 130.0000 | 117.0000 |
| 6 | 3/4 | 2808 | 2106 | 154.8529 | 146.2500 | 131.6250 |
| 7 | 5/6 | 2808 | 2340 | 172.0588 | 162.5000 | 146.2500 |
| 8 | 256-QAM | 3/4 | 8 | 3744 | 2808 | 206.4706 | 195.0000 | 175.5000 |
| 9 | 5/6 | 3744 | 3120 | 229.4118 | 216.6667 | 195.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 4680 | 3510 | 258.0882 | 243.7500 | 219.3750 |
| 11 | 5/6 | 4680 | 3900 | 286.7647 | 270.8333 | 243.7500 |
| 12 | 4096-QAM | 3/4 | 12 | 5616 | 4212 | 309.7059 | 292.5000 | 263.2500 |
| 13 | 5/6 | 5616 | 4680 | 344.1176 | 325.0000 | 292.5000 |

Table 27 EHT-MCSs for 242-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 702 | 351 | 25.8088 | 24.3750 | 21.9375 |
| 1 | QPSK | 1/2 | 2 | 1404 | 702 | 51.6176 | 48.7500 | 43.8750 |
| 2 | 3/4 | 1404 | 1053 | 77.4265 | 73.1250 | 65.8125 |
| 3 | 16-QAM | 1/2 | 4 | 2808 | 1404 | 103.2353 | 97.5000 | 87.7500 |
| 4 | 3/4 | 2808 | 2106 | 154.8529 | 146.2500 | 131.6250 |
| 5 | 64-QAM | 2/3 | 6 | 4212 | 2808 | 206.4706 | 195.0000 | 175.5000 |
| 6 | 3/4 | 4212 | 3159 | 232.2794 | 219.3750 | 197.4375 |
| 7 | 5/6 | 4212 | 3510 | 258.0882 | 243.7500 | 219.3750 |
| 8 | 256-QAM | 3/4 | 8 | 5616 | 4212 | 309.7059 | 292.5000 | 263.2500 |
| 9 | 5/6 | 5616 | 4680 | 344.1176 | 325.0000 | 292.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 7020 | 5265 | 387.1324 | 365.6250 | 329.0625 |
| 11 | 5/6 | 7020 | 5850 | 430.1471 | 406.2500 | 365.6250 |
| 12 | 4096-QAM | 3/4 | 12 | 8424 | 6318 | 464.5588 | 438.7500 | 394.8750 |
| 13 | 5/6 | 8424 | 7020 | 516.1765 | 487.5000 | 438.7500 |

Table 28 EHT-MCSs for 242-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 936 | 468 | 34.4118 | 32.5000 | 29.2500 |
| 1 | QPSK | 1/2 | 2 | 1872 | 936 | 68.8235 | 65.0000 | 58.5000 |
| 2 | 3/4 | 1872 | 1404 | 103.2353 | 97.5000 | 87.7500 |
| 3 | 16-QAM | 1/2 | 4 | 3744 | 1872 | 137.6471 | 130.0000 | 117.0000 |
| 4 | 3/4 | 3744 | 2808 | 206.4706 | 195.0000 | 175.5000 |
| 5 | 64-QAM | 2/3 | 6 | 5616 | 3744 | 275.2941 | 260.0000 | 234.0000 |
| 6 | 3/4 | 5616 | 4212 | 309.7059 | 292.5000 | 263.2500 |
| 7 | 5/6 | 5616 | 4680 | 344.1176 | 325.0000 | 292.5000 |
| 8 | 256-QAM | 3/4 | 8 | 7488 | 5616 | 412.9412 | 390.0000 | 351.0000 |
| 9 | 5/6 | 7488 | 6240 | 458.8235 | 433.3333 | 390.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 9360 | 7020 | 516.1765 | 487.5000 | 438.7500 |
| 11 | 5/6 | 9360 | 7800 | 573.5294 | 541.6667 | 487.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 11232 | 8424 | 619.4118 | 585.0000 | 526.5000 |
| 13 | 5/6 | 11232 | 9360 | 688.2353 | 650.0000 | 585.0000 |

Table 29 EHT-MCSs for 242-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 1170 | 585 | 43.0147 | 40.6250 | 36.5625 |
| 1 | QPSK | 1/2 | 2 | 2340 | 1170 | 86.0294 | 81.2500 | 73.1250 |
| 2 | 3/4 | 2340 | 1755 | 129.0441 | 121.8750 | 109.6875 |
| 3 | 16-QAM | 1/2 | 4 | 4680 | 2340 | 172.0588 | 162.5000 | 146.2500 |
| 4 | 3/4 | 4680 | 3510 | 258.0882 | 243.7500 | 219.3750 |
| 5 | 64-QAM | 2/3 | 6 | 7020 | 4680 | 344.1176 | 325.0000 | 292.5000 |
| 6 | 3/4 | 7020 | 5265 | 387.1324 | 365.6250 | 329.0625 |
| 7 | 5/6 | 7020 | 5850 | 430.1471 | 406.2500 | 365.6250 |
| 8 | 256-QAM | 3/4 | 8 | 9360 | 7020 | 516.1765 | 487.5000 | 438.7500 |
| 9 | 5/6 | 9360 | 7800 | 573.5294 | 541.6667 | 487.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 11700 | 8775 | 645.2206 | 609.3750 | 548.4375 |
| 11 | 5/6 | 11700 | 9750 | 716.9118 | 677.0833 | 609.3750 |
| 12 | 4096-QAM | 3/4 | 12 | 14040 | 10530 | 774.2647 | 731.2500 | 658.1250 |
| 13 | 5/6 | 14040 | 11700 | 860.2941 | 812.5000 | 731.2500 |

Table 30 EHT-MCSs for 242-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 1404 | 702 | 51.618 | 48.7500 | 43.8750 |
| 1 | QPSK | 1/2 | 2 | 2808 | 1404 | 103.24 | 97.5000 | 87.7500 |
| 2 | 3/4 | 2808 | 2106 | 154.85 | 146.2500 | 131.6250 |
| 3 | 16-QAM | 1/2 | 4 | 5616 | 2808 | 206.47 | 195.0000 | 175.5000 |
| 4 | 3/4 | 5616 | 4212 | 309.71 | 292.5000 | 263.2500 |
| 5 | 64-QAM | 2/3 | 6 | 8424 | 5616 | 412.94 | 390.0000 | 351.0000 |
| 6 | 3/4 | 8424 | 6318 | 464.56 | 438.7500 | 394.8750 |
| 7 | 5/6 | 8424 | 7020 | 516.18 | 487.5000 | 438.7500 |
| 8 | 256-QAM | 3/4 | 8 | 11232 | 8424 | 619.41 | 585.0000 | 526.5000 |
| 9 | 5/6 | 11232 | 9360 | 688.24 | 650.0000 | 585.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 14040 | 10530 | 774.26 | 731.2500 | 658.1250 |
| 11 | 5/6 | 14040 | 11700 | 860.29 | 812.5000 | 731.2500 |
| 12 | 4096-QAM | 3/4 | 12 | 16848 | 12636 | 929.12 | 877.5000 | 789.7500 |
| 13 | 5/6 | 16848 | 14040 | 1032.4 | 975.0000 | 877.5000 |

Table 31 EHT-MCSs for 242-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 1638 | 819 | 60.221 | 56.875 | 51.188 |
| 1 | QPSK | 1/2 | 2 | 3276 | 1638 | 120.44 | 113.75 | 102.38 |
| 2 | 3/4 | 3276 | 2457 | 180.66 | 170.62 | 153.56 |
| 3 | 16-QAM | 1/2 | 4 | 6552 | 3276 | 240.88 | 227.5 | 204.75 |
| 4 | 3/4 | 6552 | 4914 | 361.32 | 341.25 | 307.12 |
| 5 | 64-QAM | 2/3 | 6 | 9828 | 6552 | 481.76 | 455 | 409.5 |
| 6 | 3/4 | 9828 | 7371 | 541.99 | 511.88 | 460.69 |
| 7 | 5/6 | 9828 | 8190 | 602.21 | 568.75 | 511.88 |
| 8 | 256-QAM | 3/4 | 8 | 13104 | 9828 | 722.65 | 682.5 | 614.25 |
| 9 | 5/6 | 13104 | 10920 | 802.94 | 758.33 | 682.5 |
| 10 | 1024-QAM | 3/4 | 10 | 16380 | 12285 | 903.31 | 853.12 | 767.81 |
| 11 | 5/6 | 16380 | 13650 | 1003.7 | 947.92 | 853.12 |
| 12 | 4096-QAM | 3/4 | 12 | 19656 | 14742 | 1084 | 1023.8 | 921.38 |
| 13 | 5/6 | 19656 | 16380 | 1204.4 | 1137.5 | 1023.8 |

Table 32 EHT-MCSs for 242-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 234 | 1872 | 936 | 68.824 | 65 | 58.5 |
| 1 | QPSK | 1/2 | 2 | 3744 | 1872 | 137.65 | 130 | 117 |
| 2 | 3/4 | 3744 | 2808 | 206.47 | 195 | 175.5 |
| 3 | 16-QAM | 1/2 | 4 | 7488 | 3744 | 275.29 | 260 | 234 |
| 4 | 3/4 | 7488 | 5616 | 412.94 | 390 | 351 |
| 5 | 64-QAM | 2/3 | 6 | 11232 | 7488 | 550.59 | 520 | 468 |
| 6 | 3/4 | 11232 | 8424 | 619.41 | 585 | 526.5 |
| 7 | 5/6 | 11232 | 9360 | 688.24 | 650 | 585 |
| 8 | 256-QAM | 3/4 | 8 | 14976 | 11232 | 825.88 | 780 | 702 |
| 9 | 5/6 | 14976 | 12480 | 917.65 | 866.67 | 780 |
| 10 | 1024-QAM | 3/4 | 10 | 18720 | 14040 | 1032.4 | 975 | 877.5 |
| 11 | 5/6 | 18720 | 15600 | 1147.1 | 1083.3 | 975 |
| 12 | 4096-QAM | 3/4 | 12 | 22464 | 16848 | 1238.8 | 1170 | 1053 |
| 13 | 5/6 | 22464 | 18720 | 1376.5 | 1300 | 1170 |

### EHT-MCSs for 484-tone RU

The rate-dependent parameters for the 242-tone RU are provided in table (EHT-MCSs for 484-tone RU, NSS = 1) through table (EHT-MCSs for 484-tone RU, NSS = 8).

Table 33 EHT-MCSs for 484-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 468 | 234 | 17.206 | 16.25 | 14.625 |
| 1 | QPSK | 1/2 | 2 | 936 | 468 | 34.412 | 32.5 | 29.25 |
| 2 | 3/4 | 936 | 702 | 51.618 | 48.75 | 43.875 |
| 3 | 16-QAM | 1/2 | 4 | 1872 | 936 | 68.824 | 65 | 58.5 |
| 4 | 3/4 | 1872 | 1404 | 103.24 | 97.5 | 87.75 |
| 5 | 64-QAM | 2/3 | 6 | 2808 | 1872 | 137.65 | 130 | 117 |
| 6 | 3/4 | 2808 | 2106 | 154.85 | 146.25 | 131.62 |
| 7 | 5/6 | 2808 | 2340 | 172.06 | 162.5 | 146.25 |
| 8 | 256-QAM | 3/4 | 8 | 3744 | 2808 | 206.47 | 195 | 175.5 |
| 9 | 5/6 | 3744 | 3120 | 229.41 | 216.67 | 195 |
| 10 | 1024-QAM | 3/4 | 10 | 4680 | 3510 | 258.09 | 243.75 | 219.38 |
| 11 | 5/6 | 4680 | 3900 | 286.76 | 270.83 | 243.75 |
| 12 | 4096-QAM | 3/4 | 12 | 5616 | 4212 | 309.71 | 292.5 | 263.25 |
| 13 | 5/6 | 5616 | 4680 | 344.12 | 325 | 292.5 |
| TBD | DCM+MCS0 | 1/2 | 1 | 234 | 234 | 117 | 8.6029 | 8.125 | 7.3125 |

Table 34 EHT-MCSs for 484-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 936 | 468 | 34.412 | 32.5 | 29.25 |
| 1 | QPSK | 1/2 | 2 | 1872 | 936 | 68.824 | 65 | 58.5 |
| 2 | 3/4 | 1872 | 1404 | 103.24 | 97.5 | 87.75 |
| 3 | 16-QAM | 1/2 | 4 | 3744 | 1872 | 137.65 | 130 | 117 |
| 4 | 3/4 | 3744 | 2808 | 206.47 | 195 | 175.5 |
| 5 | 64-QAM | 2/3 | 6 | 5616 | 3744 | 275.29 | 260 | 234 |
| 6 | 3/4 | 5616 | 4212 | 309.71 | 292.5 | 263.25 |
| 7 | 5/6 | 5616 | 4680 | 344.12 | 325 | 292.5 |
| 8 | 256-QAM | 3/4 | 8 | 7488 | 5616 | 412.94 | 390 | 351 |
| 9 | 5/6 | 7488 | 6240 | 458.82 | 433.33 | 390 |
| 10 | 1024-QAM | 3/4 | 10 | 9360 | 7020 | 516.18 | 487.5 | 438.75 |
| 11 | 5/6 | 9360 | 7800 | 573.53 | 541.67 | 487.5 |
| 12 | 4096-QAM | 3/4 | 12 | 11232 | 8424 | 619.41 | 585 | 526.5 |
| 13 | 5/6 | 11232 | 9360 | 688.24 | 650 | 585 |

Table 35 EHT-MCSs for 484-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 1404 | 702 | 51.618 | 48.75 | 43.875 |
| 1 | QPSK | 1/2 | 2 | 2808 | 1404 | 103.24 | 97.5 | 87.75 |
| 2 | 3/4 | 2808 | 2106 | 154.85 | 146.25 | 131.62 |
| 3 | 16-QAM | 1/2 | 4 | 5616 | 2808 | 206.47 | 195 | 175.5 |
| 4 | 3/4 | 5616 | 4212 | 309.71 | 292.5 | 263.25 |
| 5 | 64-QAM | 2/3 | 6 | 8424 | 5616 | 412.94 | 390 | 351 |
| 6 | 3/4 | 8424 | 6318 | 464.56 | 438.75 | 394.88 |
| 7 | 5/6 | 8424 | 7020 | 516.18 | 487.5 | 438.75 |
| 8 | 256-QAM | 3/4 | 8 | 11232 | 8424 | 619.41 | 585 | 526.5 |
| 9 | 5/6 | 11232 | 9360 | 688.24 | 650 | 585 |
| 10 | 1024-QAM | 3/4 | 10 | 14040 | 10530 | 774.26 | 731.25 | 658.12 |
| 11 | 5/6 | 14040 | 11700 | 860.29 | 812.5 | 731.25 |
| 12 | 4096-QAM | 3/4 | 12 | 16848 | 12636 | 929.12 | 877.5 | 789.75 |
| 13 | 5/6 | 16848 | 14040 | 1032.4 | 975 | 877.5 |

Table 36 EHT-MCSs for 484-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 1872 | 936 | 68.824 | 65 | 58.5 |
| 1 | QPSK | 1/2 | 2 | 3744 | 1872 | 137.65 | 130 | 117 |
| 2 | 3/4 | 3744 | 2808 | 206.47 | 195 | 175.5 |
| 3 | 16-QAM | 1/2 | 4 | 7488 | 3744 | 275.29 | 260 | 234 |
| 4 | 3/4 | 7488 | 5616 | 412.94 | 390 | 351 |
| 5 | 64-QAM | 2/3 | 6 | 11232 | 7488 | 550.59 | 520 | 468 |
| 6 | 3/4 | 11232 | 8424 | 619.41 | 585 | 526.5 |
| 7 | 5/6 | 11232 | 9360 | 688.24 | 650 | 585 |
| 8 | 256-QAM | 3/4 | 8 | 14976 | 11232 | 825.88 | 780 | 702 |
| 9 | 5/6 | 14976 | 12480 | 917.65 | 866.67 | 780 |
| 10 | 1024-QAM | 3/4 | 10 | 18720 | 14040 | 1032.4 | 975 | 877.5 |
| 11 | 5/6 | 18720 | 15600 | 1147.1 | 1083.3 | 975 |
| 12 | 4096-QAM | 3/4 | 12 | 22464 | 16848 | 1238.8 | 1170 | 1053 |
| 13 | 5/6 | 22464 | 18720 | 1376.5 | 1300 | 1170 |

Table 37 EHT-MCSs for 484-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 2340 | 1170 | 86.029 | 81.25 | 73.125 |
| 1 | QPSK | 1/2 | 2 | 4680 | 2340 | 172.06 | 162.5 | 146.25 |
| 2 | 3/4 | 4680 | 3510 | 258.09 | 243.75 | 219.38 |
| 3 | 16-QAM | 1/2 | 4 | 9360 | 4680 | 344.12 | 325 | 292.5 |
| 4 | 3/4 | 9360 | 7020 | 516.18 | 487.5 | 438.75 |
| 5 | 64-QAM | 2/3 | 6 | 14040 | 9360 | 688.24 | 650 | 585 |
| 6 | 3/4 | 14040 | 10530 | 774.26 | 731.25 | 658.12 |
| 7 | 5/6 | 14040 | 11700 | 860.29 | 812.5 | 731.25 |
| 8 | 256-QAM | 3/4 | 8 | 18720 | 14040 | 1032.4 | 975 | 877.5 |
| 9 | 5/6 | 18720 | 15600 | 1147.1 | 1083.3 | 975 |
| 10 | 1024-QAM | 3/4 | 10 | 23400 | 17550 | 1290.4 | 1218.8 | 1096.9 |
| 11 | 5/6 | 23400 | 19500 | 1433.8 | 1354.2 | 1218.8 |
| 12 | 4096-QAM | 3/4 | 12 | 28080 | 21060 | 1548.5 | 1462.5 | 1316.2 |
| 13 | 5/6 | 28080 | 23400 | 1720.6 | 1625 | 1462.5 |

Table 38 EHT-MCSs for 484-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 2808 | 1404 | 103.24 | 97.5 | 87.75 |
| 1 | QPSK | 1/2 | 2 | 5616 | 2808 | 206.47 | 195 | 175.5 |
| 2 | 3/4 | 5616 | 4212 | 309.71 | 292.5 | 263.25 |
| 3 | 16-QAM | 1/2 | 4 | 11232 | 5616 | 412.94 | 390 | 351 |
| 4 | 3/4 | 11232 | 8424 | 619.41 | 585 | 526.5 |
| 5 | 64-QAM | 2/3 | 6 | 16848 | 11232 | 825.88 | 780 | 702 |
| 6 | 3/4 | 16848 | 12636 | 929.12 | 877.5 | 789.75 |
| 7 | 5/6 | 16848 | 14040 | 1032.4 | 975 | 877.5 |
| 8 | 256-QAM | 3/4 | 8 | 22464 | 16848 | 1238.8 | 1170 | 1053 |
| 9 | 5/6 | 22464 | 18720 | 1376.5 | 1300 | 1170 |
| 10 | 1024-QAM | 3/4 | 10 | 28080 | 21060 | 1548.5 | 1462.5 | 1316.2 |
| 11 | 5/6 | 28080 | 23400 | 1720.6 | 1625 | 1462.5 |
| 12 | 4096-QAM | 3/4 | 12 | 33696 | 25272 | 1858.2 | 1755 | 1579.5 |
| 13 | 5/6 | 33696 | 28080 | 2064.7 | 1950 | 1755 |

Table 39 EHT-MCSs for 484-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 3276 | 1638 | 120.44 | 113.75 | 102.38 |
| 1 | QPSK | 1/2 | 2 | 6552 | 3276 | 240.88 | 227.5 | 204.75 |
| 2 | 3/4 | 6552 | 4914 | 361.32 | 341.25 | 307.12 |
| 3 | 16-QAM | 1/2 | 4 | 13104 | 6552 | 481.76 | 455 | 409.5 |
| 4 | 3/4 | 13104 | 9828 | 722.65 | 682.5 | 614.25 |
| 5 | 64-QAM | 2/3 | 6 | 19656 | 13104 | 963.53 | 910 | 819 |
| 6 | 3/4 | 19656 | 14742 | 1084 | 1023.8 | 921.38 |
| 7 | 5/6 | 19656 | 16380 | 1204.4 | 1137.5 | 1023.8 |
| 8 | 256-QAM | 3/4 | 8 | 26208 | 19656 | 1445.3 | 1365 | 1228.5 |
| 9 | 5/6 | 26208 | 21840 | 1605.9 | 1516.7 | 1365 |
| 10 | 1024-QAM | 3/4 | 10 | 32760 | 24570 | 1806.6 | 1706.2 | 1535.6 |
| 11 | 5/6 | 32760 | 27300 | 2007.4 | 1895.8 | 1706.2 |
| 12 | 4096-QAM | 3/4 | 12 | 39312 | 29484 | 2167.9 | 2047.5 | 1842.8 |
| 13 | 5/6 | 39312 | 32760 | 2408.8 | 2275 | 2047.5 |

Table 40 EHT-MCSs for 484-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 468 | 3744 | 1872 | 137.65 | 130 | 117 |
| 1 | QPSK | 1/2 | 2 | 7488 | 3744 | 275.29 | 260 | 234 |
| 2 | 3/4 | 7488 | 5616 | 412.94 | 390 | 351 |
| 3 | 16-QAM | 1/2 | 4 | 14976 | 7488 | 550.59 | 520 | 468 |
| 4 | 3/4 | 14976 | 11232 | 825.88 | 780 | 702 |
| 5 | 64-QAM | 2/3 | 6 | 22464 | 14976 | 1101.2 | 1040 | 936 |
| 6 | 3/4 | 22464 | 16848 | 1238.8 | 1170 | 1053 |
| 7 | 5/6 | 22464 | 18720 | 1376.5 | 1300 | 1170 |
| 8 | 256-QAM | 3/4 | 8 | 29952 | 22464 | 1651.8 | 1560 | 1404 |
| 9 | 5/6 | 29952 | 24960 | 1835.3 | 1733.3 | 1560 |
| 10 | 1024-QAM | 3/4 | 10 | 37440 | 28080 | 2064.7 | 1950 | 1755 |
| 11 | 5/6 | 37440 | 31200 | 2294.1 | 2166.7 | 1950 |
| 12 | 4096-QAM | 3/4 | 12 | 44928 | 33696 | 2477.6 | 2340 | 2106 |
| 13 | 5/6 | 44928 | 37440 | 2752.9 | 2600 | 2340 |

### EHT-MCSs for 996-tone RU

The rate-dependent parameters for the 242-tone RU are provided in table (EHT-MCSs for 996-tone RU, NSS = 1) through table (EHT-MCSs for 996-tone RU, NSS = 8).

Table 41 EHT-MCSs for 996-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 980 | 490 | 36.029 | 34.028 | 30.625 |
| 1 | QPSK | 1/2 | 2 | 1960 | 980 | 72.059 | 68.056 | 61.25 |
| 2 | 3/4 | 1960 | 1470 | 108.09 | 102.08 | 91.875 |
| 3 | 16-QAM | 1/2 | 4 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 4 | 3/4 | 3920 | 2940 | 216.18 | 204.17 | 183.75 |
| 5 | 64-QAM | 2/3 | 6 | 5880 | 3919 | 288.16 | 272.15 | 244.94 |
| 6 | 3/4 | 5880 | 4410 | 324.26 | 306.25 | 275.62 |
| 7 | 5/6 | 5880 | 4900 | 360.29 | 340.28 | 306.25 |
| 8 | 256-QAM | 3/4 | 8 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 9 | 5/6 | 7840 | 6533 | 480.37 | 453.68 | 408.31 |
| 10 | 1024-QAM | 3/4 | 10 | 9800 | 7350 | 540.44 | 510.42 | 459.38 |
| 11 | 5/6 | 9800 | 8166 | 600.44 | 567.08 | 510.38 |
| 12 | 4096-QAM | 3/4 | 12 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 13 | 5/6 | 11760 | 9800 | 720.59 | 680.56 | 612.5 |
| TBD | DCM+MCS0 | 1/2 | 1 | 490 | 490 | 245 | 18.015 | 17.014 | 15.312 |

Table 42 EHT-MCSs for 996-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 1960 | 980 | 72.059 | 68.056 | 61.25 |
| 1 | QPSK | 1/2 | 2 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 2 | 3/4 | 3920 | 2940 | 216.18 | 204.17 | 183.75 |
| 3 | 16-QAM | 1/2 | 4 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 4 | 3/4 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 5 | 64-QAM | 2/3 | 6 | 11760 | 7839 | 576.4 | 544.38 | 489.94 |
| 6 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 7 | 5/6 | 11760 | 9800 | 720.59 | 680.56 | 612.5 |
| 8 | 256-QAM | 3/4 | 8 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 9 | 5/6 | 15680 | 13066 | 960.74 | 907.36 | 816.62 |
| 10 | 1024-QAM | 3/4 | 10 | 19600 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 11 | 5/6 | 19600 | 16333 | 1201 | 1134.2 | 1020.8 |
| 12 | 4096-QAM | 3/4 | 12 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 13 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |

Table 43 EHT-MCSs for 996-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 2940 | 1470 | 108.09 | 102.08 | 91.875 |
| 1 | QPSK | 1/2 | 2 | 5880 | 2940 | 216.18 | 204.17 | 183.75 |
| 2 | 3/4 | 5880 | 4410 | 324.26 | 306.25 | 275.62 |
| 3 | 16-QAM | 1/2 | 4 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 4 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 5 | 64-QAM | 2/3 | 6 | 17640 | 11759 | 864.63 | 816.6 | 734.94 |
| 6 | 3/4 | 17640 | 13230 | 972.79 | 918.75 | 826.88 |
| 7 | 5/6 | 17640 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 8 | 256-QAM | 3/4 | 8 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 9 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |
| 10 | 1024-QAM | 3/4 | 10 | 29400 | 22050 | 1621.3 | 1531.2 | 1378.1 |
| 11 | 5/6 | 29400 | 24500 | 1801.5 | 1701.4 | 1531.2 |
| 12 | 4096-QAM | 3/4 | 12 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 13 | 5/6 | 35280 | 29400 | 2161.8 | 2041.7 | 1837.5 |

Table 44 EHT-MCSs for 996-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 1 | QPSK | 1/2 | 2 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 2 | 3/4 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 3 | 16-QAM | 1/2 | 4 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 4 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 5 | 64-QAM | 2/3 | 6 | 23520 | 15679 | 1152.9 | 1088.8 | 979.94 |
| 6 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 7 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |
| 8 | 256-QAM | 3/4 | 8 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 9 | 5/6 | 31360 | 26133 | 1921.5 | 1814.8 | 1633.3 |
| 10 | 1024-QAM | 3/4 | 10 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 11 | 5/6 | 39200 | 32666 | 2401.9 | 2268.5 | 2041.6 |
| 12 | 4096-QAM | 3/4 | 12 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 13 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |

Table 45 EHT-MCSs for 996-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 4900 | 2450 | 180.15 | 170.14 | 153.12 |
| 1 | QPSK | 1/2 | 2 | 9800 | 4900 | 360.29 | 340.28 | 306.25 |
| 2 | 3/4 | 9800 | 7350 | 540.44 | 510.42 | 459.38 |
| 3 | 16-QAM | 1/2 | 4 | 19600 | 9800 | 720.59 | 680.56 | 612.5 |
| 4 | 3/4 | 19600 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 5 | 64-QAM | 2/3 | 6 | 29400 | 19599 | 1441.1 | 1361 | 1224.9 |
| 6 | 3/4 | 29400 | 22050 | 1621.3 | 1531.2 | 1378.1 |
| 7 | 5/6 | 29400 | 24500 | 1801.5 | 1701.4 | 1531.2 |
| 8 | 256-QAM | 3/4 | 8 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 9 | 5/6 | 39200 | 32666 | 2401.9 | 2268.5 | 2041.6 |
| 10 | 1024-QAM | 3/4 | 10 | 49000 | 36750 | 2702.2 | 2552.1 | 2296.9 |
| 11 | 5/6 | 49000 | 8166 | 3002.4 | 2835.6 | 2552.1 |
| 12 | 4096-QAM | 3/4 | 12 | 58800 | 8820 | 3242.6 | 3062.5 | 2756.2 |
| 13 | 5/6 | 58800 | 9800 | 3602.9 | 3402.8 | 3062.5 |

Table 46 EHT-MCSs for 996-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 5880 | 2940 | 216.18 | 204.17 | 183.75 |
| 1 | QPSK | 1/2 | 2 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 2 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 3 | 16-QAM | 1/2 | 4 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 4 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 5 | 64-QAM | 2/3 | 6 | 35280 | 23519 | 1729.3 | 1633.3 | 1469.9 |
| 6 | 3/4 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 7 | 5/6 | 35280 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 8 | 256-QAM | 3/4 | 8 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 9 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| 10 | 1024-QAM | 3/4 | 10 | 58800 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 11 | 5/6 | 58800 | 49000 | 3602.9 | 3402.8 | 3062.5 |
| 12 | 4096-QAM | 3/4 | 12 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 13 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |

Table 47 EHT-MCSs for 996-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 6860 | 3430 | 252.21 | 238.19 | 214.38 |
| 1 | QPSK | 1/2 | 2 | 13720 | 6860 | 504.41 | 476.39 | 428.75 |
| 2 | 3/4 | 13720 | 10290 | 756.62 | 714.58 | 643.12 |
| 3 | 16-QAM | 1/2 | 4 | 27440 | 13720 | 1008.8 | 952.78 | 857.5 |
| 4 | 3/4 | 27440 | 20580 | 1513.2 | 1429.2 | 1286.2 |
| 5 | 64-QAM | 2/3 | 6 | 41160 | 27439 | 2017.6 | 1905.5 | 1714.9 |
| 6 | 3/4 | 41160 | 30870 | 2269.9 | 2143.8 | 1929.4 |
| 7 | 5/6 | 41160 | 34300 | 2522.1 | 2381.9 | 2143.8 |
| 8 | 256-QAM | 3/4 | 8 | 54880 | 41160 | 3026.5 | 2858.3 | 2572.5 |
| 9 | 5/6 | 54880 | 45733 | 3362.7 | 3175.9 | 2858.3 |
| 10 | 1024-QAM | 3/4 | 10 | 68600 | 51450 | 3783.1 | 3572.9 | 3215.6 |
| 11 | 5/6 | 68600 | 57166 | 4203.4 | 3969.9 | 3572.9 |
| 12 | 4096-QAM | 3/4 | 12 | 82320 | 61740 | 4539.7 | 4287.5 | 3858.8 |
| 13 | 5/6 | 82320 | 68600 | 5044.1 | 4763.9 | 4287.5 |

Table 48 EHT-MCSs for 996-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 980 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 1 | QPSK | 1/2 | 2 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 2 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 3 | 16-QAM | 1/2 | 4 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 4 | 3/4 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 5 | 64-QAM | 2/3 | 6 | 47040 | 31359 | 2305.8 | 2177.7 | 1959.9 |
| 6 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 7 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| 8 | 256-QAM | 3/4 | 8 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 9 | 5/6 | 62720 | 52266 | 3843.1 | 3629.6 | 3266.6 |
| 10 | 1024-QAM | 3/4 | 10 | 78400 | 58800 | 4323.5 | 4083.3 | 3675 |
| 11 | 5/6 | 78400 | 65333 | 4803.9 | 4537 | 4083.3 |
| 12 | 4096-QAM | 3/4 | 12 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 13 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |

### EHT-MCSs for 2x996-tone RU

The rate-dependent parameters for the 1992-tone RU are provided in table (EHT-MCSs for 2x996-tone RU, NSS = 1) through table (EHT-MCSs for 2x996-tone RU, NSS = 8).

Table 49 EHT-MCSs for 2x996-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 1960 | 980 | 72.059 | 68.056 | 61.25 |
| 1 | QPSK | 1/2 | 2 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 2 | 3/4 | 3920 | 2940 | 216.18 | 204.17 | 183.75 |
| 3 | 16-QAM | 1/2 | 4 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 4 | 3/4 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 5 | 64-QAM | 2/3 | 6 | 11760 | 7839 | 576.4 | 544.38 | 489.94 |
| 6 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 7 | 5/6 | 11760 | 9800 | 720.59 | 680.56 | 612.5 |
| 8 | 256-QAM | 3/4 | 8 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 9 | 5/6 | 15680 | 13066 | 960.74 | 907.36 | 816.62 |
| 10 | 1024-QAM | 3/4 | 10 | 19600 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 11 | 5/6 | 19600 | 16333 | 1201 | 1134.2 | 1020.8 |
| 12 | 4096-QAM | 3/4 | 12 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 13 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |
| TBD | DCM+MCS0 | 1/2 | 1 | 980 | 980 | 490 | 36.029 | 34.028 | 30.625 |

Table 50 EHT-MCSs for 2x996-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 1 | QPSK | 1/2 | 2 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 2 | 3/4 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 3 | 16-QAM | 1/2 | 4 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 4 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 5 | 64-QAM | 2/3 | 6 | 23520 | 15679 | 1152.9 | 1088.8 | 979.94 |
| 6 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 7 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |
| 8 | 256-QAM | 3/4 | 8 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 9 | 5/6 | 31360 | 26133 | 1921.5 | 1814.8 | 1633.3 |
| 10 | 1024-QAM | 3/4 | 10 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 11 | 5/6 | 39200 | 32666 | 2401.9 | 2268.5 | 2041.6 |
| 12 | 4096-QAM | 3/4 | 12 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 13 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |

Table 51 EHT-MCSs for 2x996-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 5880 | 2940 | 216.18 | 204.17 | 183.75 |
| 1 | QPSK | 1/2 | 2 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 2 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 3 | 16-QAM | 1/2 | 4 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 4 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 5 | 64-QAM | 2/3 | 6 | 35280 | 23519 | 1729.3 | 1633.3 | 1469.9 |
| 6 | 3/4 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 7 | 5/6 | 35280 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 8 | 256-QAM | 3/4 | 8 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 9 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| 10 | 1024-QAM | 3/4 | 10 | 58800 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 11 | 5/6 | 58800 | 49000 | 3602.9 | 3402.8 | 3062.5 |
| 12 | 4096-QAM | 3/4 | 12 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 13 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |

Table 52 EHT-MCSs for 2x996-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 1 | QPSK | 1/2 | 2 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 2 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 3 | 16-QAM | 1/2 | 4 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 4 | 3/4 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 5 | 64-QAM | 2/3 | 6 | 47040 | 31359 | 2305.8 | 2177.7 | 1959.9 |
| 6 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 7 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| 8 | 256-QAM | 3/4 | 8 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 9 | 5/6 | 62720 | 52266 | 3843.1 | 3629.6 | 3266.6 |
| 10 | 1024-QAM | 3/4 | 10 | 78400 | 58800 | 4323.5 | 4083.3 | 3675 |
| 11 | 5/6 | 78400 | 65333 | 4803.9 | 4537 | 4083.3 |
| 12 | 4096-QAM | 3/4 | 12 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 13 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |

Table 53 EHT-MCSs for 2x996-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 9800 | 4900 | 360.29 | 340.28 | 306.25 |
| 1 | QPSK | 1/2 | 2 | 19600 | 9800 | 720.59 | 680.56 | 612.5 |
| 2 | 3/4 | 19600 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 3 | 16-QAM | 1/2 | 4 | 39200 | 19600 | 1441.2 | 1361.1 | 1225 |
| 4 | 3/4 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 5 | 64-QAM | 2/3 | 6 | 58800 | 39199 | 2882.3 | 2722.2 | 2449.9 |
| 6 | 3/4 | 58800 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 7 | 5/6 | 58800 | 49000 | 3602.9 | 3402.8 | 3062.5 |
| 8 | 256-QAM | 3/4 | 8 | 78400 | 58800 | 4323.5 | 4083.3 | 3675 |
| 9 | 5/6 | 78400 | 65333 | 4803.9 | 4537 | 4083.3 |
| 10 | 1024-QAM | 3/4 | 10 | 98000 | 73500 | 5404.4 | 5104.2 | 4593.8 |
| 11 | 5/6 | 98000 | 81666 | 6004.9 | 5671.2 | 5104.1 |
| 12 | 4096-QAM | 3/4 | 12 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 13 | 5/6 | 117600 | 98000 | 7205.9 | 6805.6 | 6125 |

Table 54 EHT-MCSs for 2x996-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 1 | QPSK | 1/2 | 2 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 2 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 3 | 16-QAM | 1/2 | 4 | 47040 | 23520 | 1729.4 | 1633.3 | 1470 |
| 4 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 5 | 64-QAM | 2/3 | 6 | 70560 | 47039 | 3458.8 | 3266.6 | 2939.9 |
| 6 | 3/4 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 7 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |
| 8 | 256-QAM | 3/4 | 8 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 9 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |
| 10 | 1024-QAM | 3/4 | 10 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 11 | 5/6 | 117600 | 98000 | 7205.9 | 6805.6 | 6125 |
| 12 | 4096-QAM | 3/4 | 12 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 13 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |

Table 55 EHT-MCSs for 2x996-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 13720 | 6860 | 504.41 | 476.39 | 428.75 |
| 1 | QPSK | 1/2 | 2 | 27440 | 13720 | 1008.8 | 952.78 | 857.5 |
| 2 | 3/4 | 27440 | 20580 | 1513.2 | 1429.2 | 1286.2 |
| 3 | 16-QAM | 1/2 | 4 | 54880 | 27440 | 2017.6 | 1905.6 | 1715 |
| 4 | 3/4 | 54880 | 41160 | 3026.5 | 2858.3 | 2572.5 |
| 5 | 64-QAM | 2/3 | 6 | 82320 | 54879 | 4035.2 | 3811 | 3429.9 |
| 6 | 3/4 | 82320 | 61740 | 4539.7 | 4287.5 | 3858.8 |
| 7 | 5/6 | 82320 | 68600 | 5044.1 | 4763.9 | 4287.5 |
| 8 | 256-QAM | 3/4 | 8 | 109760 | 82320 | 6052.9 | 5716.7 | 5145 |
| 9 | 5/6 | 109760 | 91466 | 6725.4 | 6351.8 | 5716.6 |
| 10 | 1024-QAM | 3/4 | 10 | 137200 | 102900 | 7566.2 | 7145.8 | 6431.2 |
| 11 | 5/6 | 137200 | 114333 | 8406.8 | 7939.8 | 7145.8 |
| 12 | 4096-QAM | 3/4 | 12 | 164640 | 123480 | 9079.4 | 8575 | 7717.5 |
| 13 | 5/6 | 164640 | 137200 | 10088 | 9527.8 | 8575 |

Table 56 EHT-MCSs for 2x996-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1960 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 1 | QPSK | 1/2 | 2 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 2 | 3/4 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 3 | 16-QAM | 1/2 | 4 | 62720 | 31360 | 2305.9 | 2177.8 | 1960 |
| 4 | 3/4 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 5 | 64-QAM | 2/3 | 6 | 94080 | 62719 | 4611.7 | 4355.5 | 3919.9 |
| 6 | 3/4 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 7 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |
| 8 | 256-QAM | 3/4 | 8 | 125440 | 94080 | 6917.6 | 6533.3 | 5880 |
| 9 | 5/6 | 125440 | 104533 | 7686.2 | 7259.2 | 6533.3 |
| 10 | 1024-QAM | 3/4 | 10 | 156800 | 117600 | 8647.1 | 8166.7 | 7350 |
| 11 | 5/6 | 156800 | 130666 | 9607.8 | 9074 | 8166.6 |
| 12 | 4096-QAM | 3/4 | 12 | 188160 | 141120 | 10376 | 9800 | 8820 |
| 13 | 5/6 | 188160 | 156800 | 11529 | 10889 | 9800 |

### EHT-MCSs for 4x996-tone RU

The rate-dependent parameters for the 242-tone RU are provided in table (EHT-MCSs for 4x996-tone RU, NSS = 1) through table (EHT-MCSs for 4x996-tone RU, NSS = 8).

Table 57 EHT-MCSs for 4x996-tone RU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 3920 | 1960 | 144.12 | 136.11 | 122.5 |
| 1 | QPSK | 1/2 | 2 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 2 | 3/4 | 7840 | 5880 | 432.35 | 408.33 | 367.5 |
| 3 | 16-QAM | 1/2 | 4 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 4 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 5 | 64-QAM | 2/3 | 6 | 23520 | 15679 | 1152.9 | 1088.8 | 979.94 |
| 6 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 7 | 5/6 | 23520 | 19600 | 1441.2 | 1361.1 | 1225 |
| 8 | 256-QAM | 3/4 | 8 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 9 | 5/6 | 31360 | 26133 | 1921.5 | 1814.8 | 1633.3 |
| 10 | 1024-QAM | 3/4 | 10 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 11 | 5/6 | 39200 | 32666 | 2401.9 | 2268.5 | 2041.6 |
| 12 | 4096-QAM | 3/4 | 12 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 13 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| TBD | DCM+MCS0 | 1/2 | 1 | 1960 | 1960 | 980 | 72.059 | 68.056 | 61.25 |

Table 58 EHT-MCSs for 4x996-tone RU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 7840 | 3920 | 288.24 | 272.22 | 245 |
| 1 | QPSK | 1/2 | 2 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 2 | 3/4 | 15680 | 11760 | 864.71 | 816.67 | 735 |
| 3 | 16-QAM | 1/2 | 4 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 4 | 3/4 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 5 | 64-QAM | 2/3 | 6 | 47040 | 31359 | 2305.8 | 2177.7 | 1959.9 |
| 6 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 7 | 5/6 | 47040 | 39200 | 2882.4 | 2722.2 | 2450 |
| 8 | 256-QAM | 3/4 | 8 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 9 | 5/6 | 62720 | 52266 | 3843.1 | 3629.6 | 3266.6 |
| 10 | 1024-QAM | 3/4 | 10 | 78400 | 58800 | 4323.5 | 4083.3 | 3675 |
| 11 | 5/6 | 78400 | 65333 | 4803.9 | 4537 | 4083.3 |
| 12 | 4096-QAM | 3/4 | 12 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 13 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |

Table 59 EHT-MCSs for 4x996-tone RU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 1 | QPSK | 1/2 | 2 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 2 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 3 | 16-QAM | 1/2 | 4 | 47040 | 23520 | 1729.4 | 1633.3 | 1470 |
| 4 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 5 | 64-QAM | 2/3 | 6 | 70560 | 47039 | 3458.8 | 3266.6 | 2939.9 |
| 6 | 3/4 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 7 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |
| 8 | 256-QAM | 3/4 | 8 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 9 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |
| 10 | 1024-QAM | 3/4 | 10 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 11 | 5/6 | 117600 | 98000 | 7205.9 | 6805.6 | 6125 |
| 12 | 4096-QAM | 3/4 | 12 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 13 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |

Table 60 EHT-MCSs for 4x996-tone RU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 15680 | 7840 | 576.47 | 544.44 | 490 |
| 1 | QPSK | 1/2 | 2 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 2 | 3/4 | 31360 | 23520 | 1729.4 | 1633.3 | 1470 |
| 3 | 16-QAM | 1/2 | 4 | 62720 | 31360 | 2305.9 | 2177.8 | 1960 |
| 4 | 3/4 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 5 | 64-QAM | 2/3 | 6 | 94080 | 62719 | 4611.7 | 4355.5 | 3919.9 |
| 6 | 3/4 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 7 | 5/6 | 94080 | 78400 | 5764.7 | 5444.4 | 4900 |
| 8 | 256-QAM | 3/4 | 8 | 125440 | 94080 | 6917.6 | 6533.3 | 5880 |
| 9 | 5/6 | 125440 | 104533 | 7686.2 | 7259.2 | 6533.3 |
| 10 | 1024-QAM | 3/4 | 10 | 156800 | 117600 | 8647.1 | 8166.7 | 7350 |
| 11 | 5/6 | 156800 | 130666 | 9607.8 | 9074 | 8166.6 |
| 12 | 4096-QAM | 3/4 | 12 | 188160 | 141120 | 10376 | 9800 | 8820 |
| 13 | 5/6 | 188160 | 156800 | 11529 | 10889 | 9800 |

Table 61 EHT-MCSs for 4x996-tone RU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 19600 | 9800 | 720.59 | 680.56 | 612.5 |
| 1 | QPSK | 1/2 | 2 | 39200 | 19600 | 1441.2 | 1361.1 | 1225 |
| 2 | 3/4 | 39200 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 3 | 16-QAM | 1/2 | 4 | 78400 | 39200 | 2882.4 | 2722.2 | 2450 |
| 4 | 3/4 | 78400 | 58800 | 4323.5 | 4083.3 | 3675 |
| 5 | 64-QAM | 2/3 | 6 | 117600 | 78399 | 5764.6 | 5444.4 | 4899.9 |
| 6 | 3/4 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 7 | 5/6 | 117600 | 98000 | 7205.9 | 6805.6 | 6125 |
| 8 | 256-QAM | 3/4 | 8 | 156800 | 117600 | 8647.1 | 8166.7 | 7350 |
| 9 | 5/6 | 156800 | 130666 | 9607.8 | 9074 | 8166.6 |
| 10 | 1024-QAM | 3/4 | 10 | 196000 | 147000 | 10809 | 10208 | 9187.5 |
| 11 | 5/6 | 196000 | 163333 | 12010 | 11343 | 10208 |
| 12 | 4096-QAM | 3/4 | 12 | 235200 | 176400 | 12971 | 12250 | 11025 |
| 13 | 5/6 | 235200 | 196000 | 14412 | 13611 | 12250 |

Table 62 EHT-MCSs for 4x996-tone RU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 1 | QPSK | 1/2 | 2 | 47040 | 23520 | 1729.4 | 1633.3 | 1470 |
| 2 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 3 | 16-QAM | 1/2 | 4 | 94080 | 47040 | 3458.8 | 3266.7 | 2940 |
| 4 | 3/4 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 5 | 64-QAM | 2/3 | 6 | 141120 | 94079 | 6917.6 | 6533.3 | 5879.9 |
| 6 | 3/4 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 7 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |
| 8 | 256-QAM | 3/4 | 8 | 188160 | 141120 | 10376 | 9800 | 8820 |
| 9 | 5/6 | 188160 | 156800 | 11529 | 10889 | 9800 |
| 10 | 1024-QAM | 3/4 | 10 | 235200 | 176400 | 12971 | 12250 | 11025 |
| 11 | 5/6 | 235200 | 196000 | 14412 | 13611 | 12250 |
| 12 | 4096-QAM | 3/4 | 12 | 282240 | 211680 | 15565 | 14700 | 13230 |
| 13 | 5/6 | 282240 | 235200 | 17294 | 16333 | 14700 |

Table 63 EHT-MCSs for 4x996-tone RU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 27440 | 13720 | 1008.8 | 952.78 | 857.5 |
| 1 | QPSK | 1/2 | 2 | 54880 | 27440 | 2017.6 | 1905.6 | 1715 |
| 2 | 3/4 | 54880 | 41160 | 3026.5 | 2858.3 | 2572.5 |
| 3 | 16-QAM | 1/2 | 4 | 109760 | 54880 | 4035.3 | 3811.1 | 3430 |
| 4 | 3/4 | 109760 | 82320 | 6052.9 | 5716.7 | 5145 |
| 5 | 64-QAM | 2/3 | 6 | 164640 | 109759 | 8070.5 | 7622.2 | 6859.9 |
| 6 | 3/4 | 164640 | 123480 | 9079.4 | 8575 | 7717.5 |
| 7 | 5/6 | 164640 | 137200 | 10088 | 9527.8 | 8575 |
| 8 | 256-QAM | 3/4 | 8 | 219520 | 164640 | 12106 | 11433 | 10290 |
| 9 | 5/6 | 219520 | 182933 | 13451 | 12704 | 11433 |
| 10 | 1024-QAM | 3/4 | 10 | 274400 | 205800 | 15132 | 14292 | 12862 |
| 11 | 5/6 | 274400 | 228666 | 16814 | 15880 | 14292 |
| 12 | 4096-QAM | 3/4 | 12 | 329280 | 246960 | 18159 | 17150 | 15435 |
| 13 | 5/6 | 329280 | 274400 | 20176 | 19056 | 17150 |

Table 64 EHT-MCSs for 4x996-tone RU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3920 | 31360 | 15680 | 1152.9 | 1088.9 | 980 |
| 1 | QPSK | 1/2 | 2 | 62720 | 31360 | 2305.9 | 2177.8 | 1960 |
| 2 | 3/4 | 62720 | 47040 | 3458.8 | 3266.7 | 2940 |
| 3 | 16-QAM | 1/2 | 4 | 125440 | 62720 | 4611.8 | 4355.6 | 3920 |
| 4 | 3/4 | 125440 | 94080 | 6917.6 | 6533.3 | 5880 |
| 5 | 64-QAM | 2/3 | 6 | 188160 | 125439 | 9223.5 | 8711 | 7839.9 |
| 6 | 3/4 | 188160 | 141120 | 10376 | 9800 | 8820 |
| 7 | 5/6 | 188160 | 156800 | 11529 | 10889 | 9800 |
| 8 | 256-QAM | 3/4 | 8 | 250880 | 188160 | 13835 | 13067 | 11760 |
| 9 | 5/6 | 250880 | 209066 | 15372 | 14518 | 13067 |
| 10 | 1024-QAM | 3/4 | 10 | 313600 | 235200 | 17294 | 16333 | 14700 |
| 11 | 5/6 | 313600 | 261333 | 19216 | 18148 | 16333 |
| 12 | 4096-QAM | 3/4 | 12 | 376320 | 282240 | 20753 | 19600 | 17640 |
| 13 | 5/6 | 376320 | 313600 | 23059 | 21778 | 19600 |

### EHT-MCSs for Multi RU configurations (26+52)-tone MRU

Table 65 EHT-MCSs for (26+52)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 72 | 36 | 2.6471 | 2.5000 | 2.2500 |
| 1 | QPSK | 1/2 | 2 | 144 | 72 | 5.2941 | 5.0000 | 4.5000 |
| 2 | 3/4 | 144 | 108 | 7.9412 | 7.5000 | 6.7500 |
| 3 | 16-QAM | 1/2 | 4 | 288 | 144 | 10.5882 | 10.0000 | 9.0000 |
| 4 | 3/4 | 288 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 5 | 64-QAM | 2/3 | 6 | 432 | 288 | 21.1765 | 20.0000 | 18.0000 |
| 6 | 3/4 | 432 | 324 | 23.8235 | 22.5000 | 20.2500 |
| 7 | 5/6 | 432 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 8 | 256-QAM | 3/4 | 8 | 576 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 9 | 5/6 | 576 | 480 | 35.2941 | 33.3333 | 30.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 720 | 540 | 39.7059 | 37.5000 | 33.7500 |
| 11 | 5/6 | 720 | 600 | 44.1176 | 41.6667 | 37.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 13 | 5/6 | 864 | 720 | 52.9412 | 50.0000 | 45.0000 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 66 EHT-MCSs for (26+52)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 144 | 72 | 5.2941 | 5.2941 | 4.5000 |
| 1 | QPSK | 1/2 | 2 | 288 | 144 | 10.5882 | 10.5882 | 9.0000 |
| 2 | 3/4 | 288 | 216 | 15.8824 | 15.8824 | 13.5000 |
| 3 | 16-QAM | 1/2 | 4 | 576 | 288 | 21.1765 | 21.1765 | 18.0000 |
| 4 | 3/4 | 576 | 432 | 31.7647 | 31.7647 | 27.0000 |
| 5 | 64-QAM | 2/3 | 6 | 864 | 576 | 42.3529 | 42.3529 | 36.0000 |
| 6 | 3/4 | 864 | 648 | 47.6471 | 47.6471 | 40.5000 |
| 7 | 5/6 | 864 | 720 | 52.9412 | 52.9412 | 45.0000 |
| 8 | 256-QAM | 3/4 | 8 | 1152 | 864 | 63.5294 | 63.5294 | 54.0000 |
| 9 | 5/6 | 1152 | 960 | 70.5882 | 70.5882 | 60.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 1440 | 1080 | 79.4118 | 79.4118 | 67.5000 |
| 11 | 5/6 | 1440 | 1200 | 88.2353 | 88.2353 | 75.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 1728 | 1296 | 95.2941 | 95.2941 | 81.0000 |
| 13 | 5/6 | 1728 | 1440 | 105.8824 | 105.8824 | 90.0000 |

Table 67 EHT-MCSs for (26+52)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 216 | 108 | 7.9412 | 7.5000 | 6.7500 |
| 1 | QPSK | 1/2 | 2 | 432 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 2 | 3/4 | 432 | 324 | 23.8235 | 22.5000 | 20.2500 |
| 3 | 16-QAM | 1/2 | 4 | 864 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 4 | 3/4 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 5 | 64-QAM | 2/3 | 6 | 1296 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 6 | 3/4 | 1296 | 972 | 71.4706 | 67.5000 | 60.7500 |
| 7 | 5/6 | 1296 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 8 | 256-QAM | 3/4 | 8 | 1728 | 1296 | 95.2941 | 90.0000 | 81.0000 |
| 9 | 5/6 | 1728 | 1440 | 105.8824 | 100.0000 | 90.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 2160 | 1620 | 119.1176 | 112.5000 | 101.2500 |
| 11 | 5/6 | 2160 | 1800 | 132.3529 | 125.0000 | 112.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 2592 | 1944 | 142.9412 | 135.0000 | 121.5000 |
| 13 | 5/6 | 2592 | 2160 | 158.8235 | 150.0000 | 135.0000 |

Table 68 EHT-MCSs for (26+52)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 288 | 144 | 10.5882 | 10.0000 | 9 |
| 1 | QPSK | 1/2 | 2 | 576 | 288 | 21.1765 | 20.0000 | 18 |
| 2 | 3/4 | 576 | 432 | 31.7647 | 30.0000 | 27 |
| 3 | 16-QAM | 1/2 | 4 | 1152 | 576 | 42.3529 | 40.0000 | 36 |
| 4 | 3/4 | 1152 | 864 | 63.5294 | 60.0000 | 54 |
| 5 | 64-QAM | 2/3 | 6 | 1728 | 1152 | 84.7059 | 80.0000 | 72 |
| 6 | 3/4 | 1728 | 1296 | 95.2941 | 90.0000 | 81 |
| 7 | 5/6 | 1728 | 1440 | 105.8824 | 100.0000 | 90 |
| 8 | 256-QAM | 3/4 | 8 | 2304 | 1728 | 127.0588 | 120.0000 | 108 |
| 9 | 5/6 | 2304 | 1920 | 141.1765 | 133.3333 | 120 |
| 10 | 1024-QAM | 3/4 | 10 | 2880 | 2160 | 158.8235 | 150.0000 | 135 |
| 11 | 5/6 | 2880 | 2400 | 176.4706 | 166.6667 | 150 |
| 12 | 4096-QAM | 3/4 | 12 | 3456 | 2592 | 190.5882 | 180.0000 | 162 |
| 13 | 5/6 | 3456 | 2880 | 211.7647 | 200.0000 | 180 |

Table 69 EHT-MCSs for (26+52)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 360 | 180 | 13.2353 | 12.5000 | 11.2500 |
| 1 | QPSK | 1/2 | 2 | 720 | 360 | 26.4706 | 25.0000 | 22.5000 |
| 2 | 3/4 | 720 | 540 | 39.7059 | 37.5000 | 33.7500 |
| 3 | 16-QAM | 1/2 | 4 | 1440 | 720 | 52.9412 | 50.0000 | 45.0000 |
| 4 | 3/4 | 1440 | 1080 | 79.4118 | 75.0000 | 67.5000 |
| 5 | 64-QAM | 2/3 | 6 | 2160 | 1440 | 105.8824 | 100.0000 | 90.0000 |
| 6 | 3/4 | 2160 | 1620 | 119.1176 | 112.5000 | 101.2500 |
| 7 | 5/6 | 2160 | 1800 | 132.3529 | 125.0000 | 112.5000 |
| 8 | 256-QAM | 3/4 | 8 | 2880 | 2160 | 158.8235 | 150.0000 | 135.0000 |
| 9 | 5/6 | 2880 | 2400 | 176.4706 | 166.6667 | 150.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 3600 | 2700 | 198.5294 | 187.5000 | 168.7500 |
| 11 | 5/6 | 3600 | 3000 | 220.5882 | 208.3333 | 187.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 4320 | 3240 | 238.2353 | 225.0000 | 202.5000 |
| 13 | 5/6 | 4320 | 3600 | 264.7059 | 250.0000 | 225.0000 |

Table 70 EHT-MCSs for (26+52)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 432 | 216 | 15.8824 | 15.0000 | 13.5000 |
| 1 | QPSK | 1/2 | 2 | 864 | 432 | 31.7647 | 30.0000 | 27.0000 |
| 2 | 3/4 | 864 | 648 | 47.6471 | 45.0000 | 40.5000 |
| 3 | 16-QAM | 1/2 | 4 | 1728 | 864 | 63.5294 | 60.0000 | 54.0000 |
| 4 | 3/4 | 1728 | 1296 | 95.2941 | 90.0000 | 81.0000 |
| 5 | 64-QAM | 2/3 | 6 | 2592 | 1728 | 127.0588 | 120.0000 | 108.0000 |
| 6 | 3/4 | 2592 | 1944 | 142.9412 | 135.0000 | 121.5000 |
| 7 | 5/6 | 2592 | 2160 | 158.8235 | 150.0000 | 135.0000 |
| 8 | 256-QAM | 3/4 | 8 | 3456 | 2592 | 190.5882 | 180.0000 | 162.0000 |
| 9 | 5/6 | 3456 | 2880 | 211.7647 | 200.0000 | 180.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 4320 | 3240 | 238.2353 | 225.0000 | 202.5000 |
| 11 | 5/6 | 4320 | 3600 | 264.7059 | 250.0000 | 225.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 5184 | 3888 | 285.8824 | 270.0000 | 243.0000 |
| 13 | 5/6 | 5184 | 4320 | 317.6471 | 300.0000 | 13.5000 |

Table 71 EHT-MCSs for (26+52)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 504 | 252 | 18.5294 | 17.5000 | 15.7500 |
| 1 | QPSK | 1/2 | 2 | 1008 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 2 | 3/4 | 1008 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 3 | 16-QAM | 1/2 | 4 | 2016 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 4 | 3/4 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 5 | 64-QAM | 2/3 | 6 | 3024 | 2016 | 148.2353 | 140.0000 | 126.0000 |
| 6 | 3/4 | 3024 | 2268 | 166.7647 | 157.5000 | 141.7500 |
| 7 | 5/6 | 3024 | 2520 | 185.2941 | 175.0000 | 157.5000 |
| 8 | 256-QAM | 3/4 | 8 | 4032 | 3024 | 222.3529 | 210.0000 | 189.0000 |
| 9 | 5/6 | 4032 | 3360 | 247.0588 | 233.3333 | 210.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 5040 | 3780 | 277.9412 | 262.5000 | 236.2500 |
| 11 | 5/6 | 5040 | 4200 | 308.8235 | 291.6667 | 262.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 6048 | 4536 | 333.5294 | 315.0000 | 283.5000 |
| 13 | 5/6 | 6048 | 5040 | 370.5882 | 350.0000 | 315.0000 |

Table 72 EHT-MCSs for (26+52)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 72 | 576 | 288 | 21.1765 | 20.0000 | 18 |
| 1 | QPSK | 1/2 | 2 | 1152 | 576 | 42.3529 | 40.0000 | 36 |
| 2 | 3/4 | 1152 | 864 | 63.5294 | 60.0000 | 54 |
| 3 | 16-QAM | 1/2 | 4 | 2304 | 1152 | 84.7059 | 80.0000 | 72 |
| 4 | 3/4 | 2304 | 1728 | 127.0588 | 120.0000 | 108 |
| 5 | 64-QAM | 2/3 | 6 | 3456 | 2304 | 169.4118 | 160.0000 | 144 |
| 6 | 3/4 | 3456 | 2592 | 190.5882 | 180.0000 | 162 |
| 7 | 5/6 | 3456 | 2880 | 211.7647 | 200.0000 | 180 |
| 8 | 256-QAM | 3/4 | 8 | 4608 | 3456 | 254.1176 | 240.0000 | 216 |
| 9 | 5/6 | 4608 | 3840 | 282.3529 | 266.6667 | 240 |
| 10 | 1024-QAM | 3/4 | 10 | 5760 | 4320 | 317.6471 | 300.0000 | 270 |
| 11 | 5/6 | 5760 | 4800 | 352.9412 | 333.3333 | 300 |
| 12 | 4096-QAM | 3/4 | 12 | 6912 | 5184 | 381.1765 | 360.0000 | 324 |
| 13 | 5/6 | 6912 | 5760 | 423.5294 | 400.0000 | 360 |

### EHT-MCSs for Multi RU configurations RU (26+106)

Table 73 EHT-MCSs for (26+106)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 126 | 63 | 4.6324 | 4.3750 | 3.9375 |
| 1 | QPSK | 1/2 | 2 | 252 | 126 | 9.2647 | 8.7500 | 7.8750 |
| 2 | 3/4 | 252 | 189 | 13.8971 | 13.1250 | 11.8125 |
| 3 | 16-QAM | 1/2 | 4 | 504 | 252 | 18.5294 | 17.5000 | 15.7500 |
| 4 | 3/4 | 504 | 378 | 27.7941 | 26.2500 | 23.6250 |
| 5 | 64-QAM | 2/3 | 6 | 756 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 6 | 3/4 | 756 | 567 | 41.6912 | 39.3750 | 35.4375 |
| 7 | 5/6 | 756 | 630 | 46.3235 | 43.7500 | 39.3750 |
| 8 | 256-QAM | 3/4 | 8 | 1008 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 9 | 5/6 | 1008 | 840 | 61.7647 | 58.3333 | 52.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 1260 | 945 | 69.4853 | 65.6250 | 59.0625 |
| 11 | 5/6 | 1260 | 1050 | 77.2059 | 72.9167 | 65.6250 |
| 12 | 4096-QAM | 3/4 | 12 | 1512 | 1134 | 83.3824 | 78.7500 | 70.8750 |
| 13 | 5/6 | 1512 | 1260 | 92.6471 | 87.5000 | 78.7500 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 74 EHT-MCSs for (26+106)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 252 | 126 | 9.2647 | 8.7500 | 7.8750 |
| 1 | QPSK | 1/2 | 2 | 504 | 252 | 18.5294 | 17.5000 | 15.7500 |
| 2 | 3/4 | 504 | 378 | 27.7941 | 26.2500 | 23.6250 |
| 3 | 16-QAM | 1/2 | 4 | 1008 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 4 | 3/4 | 1008 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 5 | 64-QAM | 2/3 | 6 | 1512 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 6 | 3/4 | 1512 | 1134 | 83.3824 | 78.7500 | 70.8750 |
| 7 | 5/6 | 1512 | 1260 | 92.6471 | 87.5000 | 78.7500 |
| 8 | 256-QAM | 3/4 | 8 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 9 | 5/6 | 2016 | 1680 | 123.5294 | 116.6667 | 105.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 2520 | 1890 | 138.9706 | 131.2500 | 118.1250 |
| 11 | 5/6 | 2520 | 2100 | 154.4118 | 145.8333 | 131.2500 |
| 12 | 4096-QAM | 3/4 | 12 | 3024 | 2268 | 166.7647 | 157.5000 | 141.7500 |
| 13 | 5/6 | 3024 | 2520 | 185.2941 | 175.0000 | 157.5000 |

Table 75 EHT-MCSs for (26+106)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 378 | 189 | 13.8971 | 13.1250 | 11.8125 |
| 1 | QPSK | 1/2 | 2 | 756 | 378 | 27.7941 | 26.2500 | 23.6250 |
| 2 | 3/4 | 756 | 567 | 41.6912 | 39.3750 | 35.4375 |
| 3 | 16-QAM | 1/2 | 4 | 1512 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 4 | 3/4 | 1512 | 1134 | 83.3824 | 78.7500 | 70.8750 |
| 5 | 64-QAM | 2/3 | 6 | 2268 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 6 | 3/4 | 2268 | 1701 | 125.0735 | 118.1250 | 106.3125 |
| 7 | 5/6 | 2268 | 1890 | 138.9706 | 131.2500 | 118.1250 |
| 8 | 256-QAM | 3/4 | 8 | 3024 | 2268 | 166.7647 | 157.5000 | 141.7500 |
| 9 | 5/6 | 3024 | 2520 | 185.2941 | 175.0000 | 157.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 3780 | 2835 | 208.4559 | 196.8750 | 177.1875 |
| 11 | 5/6 | 3780 | 3150 | 231.6176 | 218.7500 | 196.8750 |
| 12 | 4096-QAM | 3/4 | 12 | 4536 | 3402 | 250.1471 | 236.2500 | 212.6250 |
| 13 | 5/6 | 4536 | 3780 | 277.9412 | 262.5000 | 236.2500 |

Table 76 EHT-MCSs for (26+106)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 504 | 252 | 18.5294 | 17.5000 | 15.7500 |
| 1 | QPSK | 1/2 | 2 | 1008 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 2 | 3/4 | 1008 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 3 | 16-QAM | 1/2 | 4 | 2016 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 4 | 3/4 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 5 | 64-QAM | 2/3 | 6 | 3024 | 2016 | 148.2353 | 140.0000 | 126.0000 |
| 6 | 3/4 | 3024 | 2268 | 166.7647 | 157.5000 | 141.7500 |
| 7 | 5/6 | 3024 | 2520 | 185.2941 | 175.0000 | 157.5000 |
| 8 | 256-QAM | 3/4 | 8 | 4032 | 3024 | 222.3529 | 210.0000 | 189.0000 |
| 9 | 5/6 | 4032 | 3360 | 247.0588 | 233.3333 | 210.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 5040 | 3780 | 277.9412 | 262.5000 | 236.2500 |
| 11 | 5/6 | 5040 | 4200 | 308.8235 | 291.6667 | 262.5000 |
| 12 | 4096-QAM | 3/4 | 12 | 6048 | 4536 | 333.5294 | 315.0000 | 283.5000 |
| 13 | 5/6 | 6048 | 5040 | 370.5882 | 350.0000 | 315.0000 |

Table 77 EHT-MCSs for (26+106)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 630 | 315 | 23.1618 | 21.8750 | 19.6875 |
| 1 | QPSK | 1/2 | 2 | 1260 | 630 | 46.3235 | 43.7500 | 39.3750 |
| 2 | 3/4 | 1260 | 945 | 69.4853 | 65.6250 | 59.0625 |
| 3 | 16-QAM | 1/2 | 4 | 2520 | 1260 | 92.6471 | 87.5000 | 78.7500 |
| 4 | 3/4 | 2520 | 1890 | 138.9706 | 131.2500 | 118.1250 |
| 5 | 64-QAM | 2/3 | 6 | 3780 | 2520 | 185.2941 | 175.0000 | 157.5000 |
| 6 | 3/4 | 3780 | 2835 | 208.4559 | 196.8750 | 177.1875 |
| 7 | 5/6 | 3780 | 3150 | 231.6176 | 218.7500 | 196.8750 |
| 8 | 256-QAM | 3/4 | 8 | 5040 | 3780 | 277.9412 | 262.5000 | 236.2500 |
| 9 | 5/6 | 5040 | 4200 | 308.8235 | 291.6667 | 262.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 6300 | 4725 | 347.4265 | 328.1250 | 295.3125 |
| 11 | 5/6 | 6300 | 5250 | 386.0294 | 364.5833 | 328.1250 |
| 12 | 4096-QAM | 3/4 | 12 | 7560 | 5670 | 416.9118 | 393.7500 | 354.3750 |
| 13 | 5/6 | 7560 | 6300 | 463.2353 | 437.5000 | 393.7500 |

Table 78 EHT-MCSs for (26+106)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 756 | 378 | 27.7941 | 26.2500 | 23.6250 |
| 1 | QPSK | 1/2 | 2 | 1512 | 756 | 55.5882 | 52.5000 | 47.2500 |
| 2 | 3/4 | 1512 | 1134 | 83.3824 | 78.7500 | 70.8750 |
| 3 | 16-QAM | 1/2 | 4 | 3024 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 4 | 3/4 | 3024 | 2268 | 166.7647 | 157.5000 | 141.7500 |
| 5 | 64-QAM | 2/3 | 6 | 4536 | 3024 | 222.3529 | 210.0000 | 189.0000 |
| 6 | 3/4 | 4536 | 3402 | 250.1471 | 236.2500 | 212.6250 |
| 7 | 5/6 | 4536 | 3780 | 277.9412 | 262.5000 | 236.2500 |
| 8 | 256-QAM | 3/4 | 8 | 6048 | 4536 | 333.5294 | 315.0000 | 283.5000 |
| 9 | 5/6 | 6048 | 5040 | 370.5882 | 350.0000 | 315.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 7560 | 5670 | 416.9118 | 393.7500 | 354.3750 |
| 11 | 5/6 | 7560 | 6300 | 463.2353 | 437.5000 | 393.7500 |
| 12 | 4096-QAM | 3/4 | 12 | 9072 | 6804 | 500.2941 | 472.5000 | 425.2500 |
| 13 | 5/6 | 9072 | 7560 | 555.8824 | 525.0000 | 472.5000 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 79 EHT-MCSs for (26+106)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 882 | 441 | 32.4265 | 30.6250 | 27.5625 |
| 1 | QPSK | 1/2 | 2 | 1764 | 882 | 64.8529 | 61.2500 | 55.1250 |
| 2 | 3/4 | 1764 | 1323 | 97.2794 | 91.8750 | 82.6875 |
| 3 | 16-QAM | 1/2 | 4 | 3528 | 1764 | 129.7059 | 122.5000 | 110.2500 |
| 4 | 3/4 | 3528 | 2646 | 194.5588 | 183.7500 | 165.3750 |
| 5 | 64-QAM | 2/3 | 6 | 5292 | 3528 | 259.4118 | 245.0000 | 220.5000 |
| 6 | 3/4 | 5292 | 3969 | 291.8382 | 275.6250 | 248.0625 |
| 7 | 5/6 | 5292 | 4410 | 324.2647 | 306.2500 | 275.6250 |
| 8 | 256-QAM | 3/4 | 8 | 7056 | 5292 | 389.1176 | 367.5000 | 330.7500 |
| 9 | 5/6 | 7056 | 5880 | 432.3529 | 408.3333 | 367.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 8820 | 6615 | 486.3971 | 459.3750 | 413.4375 |
| 11 | 5/6 | 8820 | 7350 | 540.4412 | 510.4167 | 459.3750 |
| 12 | 4096-QAM | 3/4 | 12 | 10584 | 7938 | 583.6765 | 551.2500 | 496.1250 |
| 13 | 5/6 | 10584 | 8820 | 648.5294 | 612.5000 | 551.2500 |

Table 80 EHT-MCSs for (26+106)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 126 | 1008 | 504 | 37.0588 | 35.0000 | 31.5000 |
| 1 | QPSK | 1/2 | 2 | 2016 | 1008 | 74.1176 | 70.0000 | 63.0000 |
| 2 | 3/4 | 2016 | 1512 | 111.1765 | 105.0000 | 94.5000 |
| 3 | 16-QAM | 1/2 | 4 | 4032 | 2016 | 148.2353 | 140.0000 | 126.0000 |
| 4 | 3/4 | 4032 | 3024 | 222.3529 | 210.0000 | 189.0000 |
| 5 | 64-QAM | 2/3 | 6 | 6048 | 4032 | 296.4706 | 280.0000 | 252.0000 |
| 6 | 3/4 | 6048 | 4536 | 333.5294 | 315.0000 | 283.5000 |
| 7 | 5/6 | 6048 | 5040 | 370.5882 | 350.0000 | 315.0000 |
| 8 | 256-QAM | 3/4 | 8 | 8064 | 6048 | 444.7059 | 420.0000 | 378.0000 |
| 9 | 5/6 | 8064 | 6720 | 494.1176 | 466.6667 | 420.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 10080 | 7560 | 555.8824 | 525.0000 | 472.5000 |
| 11 | 5/6 | 10080 | 8400 | 617.6471 | 583.3333 | 525.0000 |
| 12 | 4096-QAM | 3/4 | 12 | 12096 | 9072 | 667.0588 | 630.0000 | 567.0000 |
| 13 | 5/6 | 12096 | 10080 | 741.1765 | 700.0000 | 630.0000 |

### EHT-MCSs for Multi RU configurations RU (242,484)

Table 81 EHT-MCSs for (242+484)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 702 | 351 | 25.8088 | 24.3750 | 21.9375 |
| 1 | QPSK | 1/2 | 2 | 1404 | 702 | 51.6176 | 48.7500 | 43.8750 |
| 2 | 3/4 | 1404 | 1053 | 77.4265 | 73.1250 | 65.8125 |
| 3 | 16-QAM | 1/2 | 4 | 2808 | 1404 | 103.2353 | 97.5000 | 87.7500 |
| 4 | 3/4 | 2808 | 2106 | 154.8529 | 146.2500 | 131.6250 |
| 5 | 64-QAM | 2/3 | 6 | 4212 | 2808 | 206.4706 | 195.0000 | 175.5000 |
| 6 | 3/4 | 4212 | 3159 | 232.2794 | 219.3750 | 197.4375 |
| 7 | 5/6 | 4212 | 3510 | 258.0882 | 243.7500 | 219.3750 |
| 8 | 256-QAM | 3/4 | 8 | 5616 | 4212 | 309.7059 | 292.5000 | 263.2500 |
| 9 | 5/6 | 5616 | 4680 | 344.1176 | 325.0000 | 292.5000 |
| 10 | 1024-QAM | 3/4 | 10 | 7020 | 5265 | 387.1324 | 365.6250 | 329.0625 |
| 11 | 5/6 | 7020 | 5850 | 430.1471 | 406.2500 | 365.6250 |
| 12 | 4096-QAM | 3/4 | 12 | 8424 | 6318 | 464.5588 | 438.7500 | 394.8750 |
| 13 | 5/6 | 8424 | 7020 | 516.1765 | 487.5000 | 438.7500 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 82 EHT-MCSs for (242+484)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 1404 | 702 | 51.618 | 48.7500 | 43.8750 |
| 1 | QPSK | 1/2 | 2 | 2808 | 1404 | 103.24 | 97.5000 | 87.7500 |
| 2 | 3/4 | 2808 | 2106 | 154.85 | 146.2500 | 131.6250 |
| 3 | 16-QAM | 1/2 | 4 | 5616 | 2808 | 206.47 | 195.0000 | 175.5000 |
| 4 | 3/4 | 5616 | 4212 | 309.71 | 292.5000 | 263.2500 |
| 5 | 64-QAM | 2/3 | 6 | 8424 | 5616 | 412.94 | 390.0000 | 351.0000 |
| 6 | 3/4 | 8424 | 6318 | 464.56 | 438.7500 | 394.8750 |
| 7 | 5/6 | 8424 | 7020 | 516.18 | 487.5000 | 438.7500 |
| 8 | 256-QAM | 3/4 | 8 | 11232 | 8424 | 619.41 | 585.0000 | 526.5000 |
| 9 | 5/6 | 11232 | 9360 | 688.24 | 650.0000 | 585.0000 |
| 10 | 1024-QAM | 3/4 | 10 | 14040 | 10530 | 774.26 | 731.2500 | 658.1250 |
| 11 | 5/6 | 14040 | 11700 | 860.29 | 812.5000 | 731.2500 |
| 12 | 4096-QAM | 3/4 | 12 | 16848 | 12636 | 929.12 | 877.5000 | 789.7500 |
| 13 | 5/6 | 16848 | 14040 | 1032.4 | 975.0000 | 877.5000 |

Table 83 EHT-MCSs for (242+484)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 2106 | 1053 | 77.4264705882353 | 73.125 | 65.8125 |
| 1 | QPSK | 1/2 | 2 | 4212 | 2106 | 154.852941176471 | 146.25 | 131.625 |
| 2 | 3/4 | 4212 | 3159 | 232.279411764706 | 219.375 | 197.4375 |
| 3 | 16-QAM | 1/2 | 4 | 8424 | 4212 | 309.705882352941 | 292.5 | 263.25 |
| 4 | 3/4 | 8424 | 6318 | 464.558823529412 | 438.75 | 394.875 |
| 5 | 64-QAM | 2/3 | 6 | 12636 | 8424 | 619.411764705882 | 585 | 526.5 |
| 6 | 3/4 | 12636 | 9477 | 696.838235294118 | 658.125 | 592.3125 |
| 7 | 5/6 | 12636 | 10530 | 774.264705882353 | 731.25 | 658.125 |
| 8 | 256-QAM | 3/4 | 8 | 16848 | 12636 | 929.117647058823 | 877.5 | 789.75 |
| 9 | 5/6 | 16848 | 14040 | 1032.35294117647 | 975 | 877.5 |
| 10 | 1024-QAM | 3/4 | 10 | 21060 | 15795 | 1161.39705882353 | 1096.875 | 987.1875 |
| 11 | 5/6 | 21060 | 17550 | 1290.44117647059 | 1218.75 | 1096.875 |
| 12 | 4096-QAM | 3/4 | 12 | 25272 | 18954 | 1393.67647058824 | 1316.25 | 1184.625 |
| 13 | 5/6 | 25272 | 21060 | 1548.52941176471 | 1462.5 | 1316.25 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 84 EHT-MCSs for (242+484)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 2808 | 1404 | 103.235294117647 | 97.5 | 87.75 |
| 1 | QPSK | 1/2 | 2 | 5616 | 2808 | 206.470588235294 | 195 | 175.5 |
| 2 | 3/4 | 5616 | 4212 | 309.705882352941 | 292.5 | 263.25 |
| 3 | 16-QAM | 1/2 | 4 | 11232 | 5616 | 412.941176470588 | 390 | 351 |
| 4 | 3/4 | 11232 | 8424 | 619.411764705882 | 585 | 526.5 |
| 5 | 64-QAM | 2/3 | 6 | 16848 | 11232 | 825.882352941177 | 780 | 702 |
| 6 | 3/4 | 16848 | 12636 | 929.117647058823 | 877.5 | 789.75 |
| 7 | 5/6 | 16848 | 14040 | 1032.35294117647 | 975 | 877.5 |
| 8 | 256-QAM | 3/4 | 8 | 22464 | 16848 | 1238.82352941176 | 1170 | 1053 |
| 9 | 5/6 | 22464 | 18720 | 1376.47058823529 | 1300 | 1170 |
| 10 | 1024-QAM | 3/4 | 10 | 28080 | 21060 | 1548.52941176471 | 1462.5 | 1316.25 |
| 11 | 5/6 | 28080 | 23400 | 1720.58823529412 | 1625 | 1462.5 |
| 12 | 4096-QAM | 3/4 | 12 | 33696 | 25272 | 1858.23529411765 | 1755 | 1579.5 |
| 13 | 5/6 | 33696 | 28080 | 2064.70588235294 | 1950 | 1755 |

Table 85 EHT-MCSs for (242+484)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 3510 | 1755 | 129.044117647059 | 121.875 | 109.6875 |
| 1 | QPSK | 1/2 | 2 | 7020 | 3510 | 258.088235294118 | 243.75 | 219.375 |
| 2 | 3/4 | 7020 | 5265 | 387.132352941176 | 365.625 | 329.0625 |
| 3 | 16-QAM | 1/2 | 4 | 14040 | 7020 | 516.176470588235 | 487.5 | 438.75 |
| 4 | 3/4 | 14040 | 10530 | 774.264705882353 | 731.25 | 658.125 |
| 5 | 64-QAM | 2/3 | 6 | 21060 | 14040 | 1032.35294117647 | 975 | 877.5 |
| 6 | 3/4 | 21060 | 15795 | 1161.39705882353 | 1096.875 | 987.1875 |
| 7 | 5/6 | 21060 | 17550 | 1290.44117647059 | 1218.75 | 1096.875 |
| 8 | 256-QAM | 3/4 | 8 | 28080 | 21060 | 1548.52941176471 | 1462.5 | 1316.25 |
| 9 | 5/6 | 28080 | 23400 | 1720.58823529412 | 1625 | 1462.5 |
| 10 | 1024-QAM | 3/4 | 10 | 35100 | 26325 | 1935.66176470588 | 1828.125 | 1645.3125 |
| 11 | 5/6 | 35100 | 29250 | 2150.73529411765 | 2031.25 | 1828.125 |
| 12 | 4096-QAM | 3/4 | 12 | 42120 | 31590 | 2322.79411764706 | 2193.75 | 1974.375 |
| 13 | 5/6 | 42120 | 35100 | 2580.88235294118 | 2437.5 | 2193.75 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 86 EHT-MCSs for (242+484)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 4212 | 2106 | 154.852941176471 | 146.25 | 131.625 |
| 1 | QPSK | 1/2 | 2 | 8424 | 4212 | 309.705882352941 | 292.5 | 263.25 |
| 2 | 3/4 | 8424 | 6318 | 464.558823529412 | 438.75 | 394.875 |
| 3 | 16-QAM | 1/2 | 4 | 16848 | 8424 | 619.411764705882 | 585 | 526.5 |
| 4 | 3/4 | 16848 | 12636 | 929.117647058823 | 877.5 | 789.75 |
| 5 | 64-QAM | 2/3 | 6 | 25272 | 16848 | 1238.82352941176 | 1170 | 1053 |
| 6 | 3/4 | 25272 | 18954 | 1393.67647058824 | 1316.25 | 1184.625 |
| 7 | 5/6 | 25272 | 21060 | 1548.52941176471 | 1462.5 | 1316.25 |
| 8 | 256-QAM | 3/4 | 8 | 33696 | 25272 | 1858.23529411765 | 1755 | 1579.5 |
| 9 | 5/6 | 33696 | 28080 | 2064.70588235294 | 1950 | 1755 |
| 10 | 1024-QAM | 3/4 | 10 | 42120 | 31590 | 2322.79411764706 | 2193.75 | 1974.375 |
| 11 | 5/6 | 42120 | 35100 | 2580.88235294118 | 2437.5 | 2193.75 |
| 12 | 4096-QAM | 3/4 | 12 | 50544 | 37908 | 2787.35294117647 | 2632.5 | 2369.25 |
| 13 | 5/6 | 50544 | 42120 | 3097.05882352941 | 2925 | 2632.5 |

Table 87 EHT-MCSs for (242+484)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 4914 | 2457 | 180.661764705882 | 170.625 | 153.5625 |
| 1 | QPSK | 1/2 | 2 | 9828 | 4914 | 361.323529411765 | 341.25 | 307.125 |
| 2 | 3/4 | 9828 | 7371 | 541.985294117647 | 511.875 | 460.6875 |
| 3 | 16-QAM | 1/2 | 4 | 19656 | 9828 | 722.647058823529 | 682.5 | 614.25 |
| 4 | 3/4 | 19656 | 14742 | 1083.97058823529 | 1023.75 | 921.375 |
| 5 | 64-QAM | 2/3 | 6 | 29484 | 19656 | 1445.29411764706 | 1365 | 1228.5 |
| 6 | 3/4 | 29484 | 22113 | 1625.95588235294 | 1535.625 | 1382.0625 |
| 7 | 5/6 | 29484 | 24570 | 1806.61764705882 | 1706.25 | 1535.625 |
| 8 | 256-QAM | 3/4 | 8 | 39312 | 29484 | 2167.94117647059 | 2047.5 | 1842.75 |
| 9 | 5/6 | 39312 | 32760 | 2408.82352941176 | 2275 | 2047.5 |
| 10 | 1024-QAM | 3/4 | 10 | 49140 | 36855 | 2709.92647058824 | 2559.375 | 2303.4375 |
| 11 | 5/6 | 49140 | 40950 | 3011.02941176471 | 2843.75 | 2559.375 |
| 12 | 4096-QAM | 3/4 | 12 | 58968 | 44226 | 3251.91176470588 | 3071.25 | 2764.125 |
| 13 | 5/6 | 58968 | 49140 | 3613.23529411765 | 3412.5 | 3071.25 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 88 EHT-MCSs for (242+484)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 702 | 5616 | 2808 | 206.470588235294 | 195 | 175.5 |
| 1 | QPSK | 1/2 | 2 | 11232 | 5616 | 412.941176470588 | 390 | 351 |
| 2 | 3/4 | 11232 | 8424 | 619.411764705882 | 585 | 526.5 |
| 3 | 16-QAM | 1/2 | 4 | 22464 | 11232 | 825.882352941177 | 780 | 702 |
| 4 | 3/4 | 22464 | 16848 | 1238.82352941176 | 1170 | 1053 |
| 5 | 64-QAM | 2/3 | 6 | 33696 | 22464 | 1651.76470588235 | 1560 | 1404 |
| 6 | 3/4 | 33696 | 25272 | 1858.23529411765 | 1755 | 1579.5 |
| 7 | 5/6 | 33696 | 28080 | 2064.70588235294 | 1950 | 1755 |
| 8 | 256-QAM | 3/4 | 8 | 44928 | 33696 | 2477.64705882353 | 2340 | 2106 |
| 9 | 5/6 | 44928 | 37440 | 2752.94117647059 | 2600 | 2340 |
| 10 | 1024-QAM | 3/4 | 10 | 56160 | 42120 | 3097.05882352941 | 2925 | 2632.5 |
| 11 | 5/6 | 56160 | 46800 | 3441.17647058824 | 3250 | 2925 |
| 12 | 4096-QAM | 3/4 | 12 | 67392 | 50544 | 3716.47058823529 | 3510 | 3159 |
| 13 | 5/6 | 67392 | 56160 | 4129.41176470588 | 3900 | 3510 |

### EHT-MCSs for Multi RU configurations RU (484,996)

Table 89 EHT-MCSs for (484+996)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 1448 | 724 | 53.235 | 50.278 | 45.25 |
| 1 | QPSK | 1/2 | 2 | 2896 | 1448 | 106.47 | 100.56 | 90.5 |
| 2 | 3/4 | 2896 | 2172 | 159.71 | 150.83 | 135.75 |
| 3 | 16-QAM | 1/2 | 4 | 5792 | 2896 | 212.94 | 201.11 | 181 |
| 4 | 3/4 | 5792 | 4344 | 319.41 | 301.67 | 271.5 |
| 5 | 64-QAM | 2/3 | 6 | 8688 | 5791 | 425.81 | 402.15 | 361.94 |
| 6 | 3/4 | 8688 | 6516 | 479.12 | 452.5 | 407.25 |
| 7 | 5/6 | 8688 | 7240 | 532.35 | 502.78 | 452.5 |
| 8 | 256-QAM | 3/4 | 8 | 11584 | 8688 | 638.82 | 603.33 | 543 |
| 9 | 5/6 | 11584 | 9653 | 709.78 | 670.35 | 603.31 |
| 10 | 1024-QAM | 3/4 | 10 | 14480 | 10860 | 798.53 | 754.17 | 678.75 |
| 11 | 5/6 | 14480 | 12066 | 887.21 | 837.92 | 754.12 |
| 12 | 4096-QAM | 3/4 | 12 | 17376 | 13032 | 958.24 | 905 | 814.5 |
| 13 | 5/6 | 17376 | 14480 | 1064.7 | 1005.6 | 905 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 90 EHT-MCSs for (484+996)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 2896 | 1448 | 106.47 | 100.56 | 90.5 |
| 1 | QPSK | 1/2 | 2 | 5792 | 2896 | 212.94 | 201.11 | 181 |
| 2 | 3/4 | 5792 | 4344 | 319.41 | 301.67 | 271.5 |
| 3 | 16-QAM | 1/2 | 4 | 11584 | 5792 | 425.88 | 402.22 | 362 |
| 4 | 3/4 | 11584 | 8688 | 638.82 | 603.33 | 543 |
| 5 | 64-QAM | 2/3 | 6 | 17376 | 11583 | 851.69 | 804.38 | 723.94 |
| 6 | 3/4 | 17376 | 13032 | 958.24 | 905 | 814.5 |
| 7 | 5/6 | 17376 | 14480 | 1064.7 | 1005.6 | 905 |
| 8 | 256-QAM | 3/4 | 8 | 23168 | 17376 | 1277.6 | 1206.7 | 1086 |
| 9 | 5/6 | 23168 | 19306 | 1419.6 | 1340.7 | 1206.6 |
| 10 | 1024-QAM | 3/4 | 10 | 28960 | 21720 | 1597.1 | 1508.3 | 1357.5 |
| 11 | 5/6 | 28960 | 24133 | 1774.5 | 1675.9 | 1508.3 |
| 12 | 4096-QAM | 3/4 | 12 | 34752 | 26064 | 1916.5 | 1810 | 1629 |
| 13 | 5/6 | 34752 | 28960 | 2129.4 | 2011.1 | 1810 |

Table 91 EHT-MCSs for (484+996)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 4344 | 2172 | 159.71 | 150.83 | 135.75 |
| 1 | QPSK | 1/2 | 2 | 8688 | 4344 | 319.41 | 301.67 | 271.5 |
| 2 | 3/4 | 8688 | 6516 | 479.12 | 452.5 | 407.25 |
| 3 | 16-QAM | 1/2 | 4 | 17376 | 8688 | 638.82 | 603.33 | 543 |
| 4 | 3/4 | 17376 | 13032 | 958.24 | 905 | 814.5 |
| 5 | 64-QAM | 2/3 | 6 | 26064 | 17375 | 1277.6 | 1206.6 | 1085.9 |
| 6 | 3/4 | 26064 | 19548 | 1437.4 | 1357.5 | 1221.8 |
| 7 | 5/6 | 26064 | 21720 | 1597.1 | 1508.3 | 1357.5 |
| 8 | 256-QAM | 3/4 | 8 | 34752 | 26064 | 1916.5 | 1810 | 1629 |
| 9 | 5/6 | 34752 | 28960 | 2129.4 | 2011.1 | 1810 |
| 10 | 1024-QAM | 3/4 | 10 | 43440 | 32580 | 2395.6 | 2262.5 | 2036.2 |
| 11 | 5/6 | 43440 | 36200 | 2661.8 | 2513.9 | 2262.5 |
| 12 | 4096-QAM | 3/4 | 12 | 52128 | 39096 | 2874.7 | 2715 | 2443.5 |
| 13 | 5/6 | 52128 | 43440 | 3194.1 | 3016.7 | 2715 |

Table 92 EHT-MCSs for (484+996)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 5792 | 2896 | 212.94 | 201.11 | 181 |
| 1 | QPSK | 1/2 | 2 | 11584 | 5792 | 425.88 | 402.22 | 362 |
| 2 | 3/4 | 11584 | 8688 | 638.82 | 603.33 | 543 |
| 3 | 16-QAM | 1/2 | 4 | 23168 | 11584 | 851.76 | 804.44 | 724 |
| 4 | 3/4 | 23168 | 17376 | 1277.6 | 1206.7 | 1086 |
| 5 | 64-QAM | 2/3 | 6 | 34752 | 23167 | 1703.5 | 1608.8 | 1447.9 |
| 6 | 3/4 | 34752 | 26064 | 1916.5 | 1810 | 1629 |
| 7 | 5/6 | 34752 | 28960 | 2129.4 | 2011.1 | 1810 |
| 8 | 256-QAM | 3/4 | 8 | 46336 | 34752 | 2555.3 | 2413.3 | 2172 |
| 9 | 5/6 | 46336 | 38613 | 2839.2 | 2681.5 | 2413.3 |
| 10 | 1024-QAM | 3/4 | 10 | 57920 | 43440 | 3194.1 | 3016.7 | 2715 |
| 11 | 5/6 | 57920 | 48266 | 3549 | 3351.8 | 3016.6 |
| 12 | 4096-QAM | 3/4 | 12 | 69504 | 52128 | 3832.9 | 3620 | 3258 |
| 13 | 5/6 | 69504 | 57920 | 4258.8 | 4022.2 | 3620 |

Table 93 EHT-MCSs for (484+996)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 7240 | 3620 | 266.18 | 251.39 | 226.25 |
| 1 | QPSK | 1/2 | 2 | 14480 | 7240 | 532.35 | 502.78 | 452.5 |
| 2 | 3/4 | 14480 | 10860 | 798.53 | 754.17 | 678.75 |
| 3 | 16-QAM | 1/2 | 4 | 28960 | 14480 | 1064.7 | 1005.6 | 905 |
| 4 | 3/4 | 28960 | 21720 | 1597.1 | 1508.3 | 1357.5 |
| 5 | 64-QAM | 2/3 | 6 | 43440 | 28959 | 2129.3 | 2011 | 1809.9 |
| 6 | 3/4 | 43440 | 32580 | 2395.6 | 2262.5 | 2036.2 |
| 7 | 5/6 | 43440 | 36200 | 2661.8 | 2513.9 | 2262.5 |
| 8 | 256-QAM | 3/4 | 8 | 57920 | 43440 | 3194.1 | 3016.7 | 2715 |
| 9 | 5/6 | 57920 | 48266 | 3549 | 3351.8 | 3016.6 |
| 10 | 1024-QAM | 3/4 | 10 | 72400 | 54300 | 3992.6 | 3770.8 | 3393.8 |
| 11 | 5/6 | 72400 | 60333 | 4436.2 | 4189.8 | 3770.8 |
| 12 | 4096-QAM | 3/4 | 12 | 86880 | 65160 | 4791.2 | 4525 | 4072.5 |
| 13 | 5/6 | 86880 | 72400 | 5323.5 | 5027.8 | 4525 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 94 EHT-MCSs for (484+996)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 8688 | 4344 | 319.41 | 301.67 | 271.5 |
| 1 | QPSK | 1/2 | 2 | 17376 | 8688 | 638.82 | 603.33 | 543 |
| 2 | 3/4 | 17376 | 13032 | 958.24 | 905 | 814.5 |
| 3 | 16-QAM | 1/2 | 4 | 34752 | 17376 | 1277.6 | 1206.7 | 1086 |
| 4 | 3/4 | 34752 | 26064 | 1916.5 | 1810 | 1629 |
| 5 | 64-QAM | 2/3 | 6 | 52128 | 34751 | 2555.2 | 2413.3 | 2171.9 |
| 6 | 3/4 | 52128 | 39096 | 2874.7 | 2715 | 2443.5 |
| 7 | 5/6 | 52128 | 43440 | 3194.1 | 3016.7 | 2715 |
| 8 | 256-QAM | 3/4 | 8 | 69504 | 52128 | 3832.9 | 3620 | 3258 |
| 9 | 5/6 | 69504 | 57920 | 4258.8 | 4022.2 | 3620 |
| 10 | 1024-QAM | 3/4 | 10 | 86880 | 65160 | 4791.2 | 4525 | 4072.5 |
| 11 | 5/6 | 86880 | 72400 | 5323.5 | 5027.8 | 4525 |
| 12 | 4096-QAM | 3/4 | 12 | 104256 | 78192 | 5749.4 | 5430 | 4887 |
| 13 | 5/6 | 104256 | 86880 | 6388.2 | 6033.3 | 5430 |

Table 95 EHT-MCSs for (484+996)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 10136 | 5068 | 372.65 | 351.94 | 316.75 |
| 1 | QPSK | 1/2 | 2 | 20272 | 10136 | 745.29 | 703.89 | 633.5 |
| 2 | 3/4 | 20272 | 15204 | 1117.9 | 1055.8 | 950.25 |
| 3 | 16-QAM | 1/2 | 4 | 40544 | 20272 | 1490.6 | 1407.8 | 1267 |
| 4 | 3/4 | 40544 | 30408 | 2235.9 | 2111.7 | 1900.5 |
| 5 | 64-QAM | 2/3 | 6 | 60816 | 40543 | 2981.1 | 2815.5 | 2533.9 |
| 6 | 3/4 | 60816 | 45612 | 3353.8 | 3167.5 | 2850.8 |
| 7 | 5/6 | 60816 | 50680 | 3726.5 | 3519.4 | 3167.5 |
| 8 | 256-QAM | 3/4 | 8 | 81088 | 60816 | 4471.8 | 4223.3 | 3801 |
| 9 | 5/6 | 81088 | 67573 | 4968.6 | 4692.6 | 4223.3 |
| 10 | 1024-QAM | 3/4 | 10 | 101360 | 76020 | 5589.7 | 5279.2 | 4751.2 |
| 11 | 5/6 | 101360 | 84466 | 6210.7 | 5865.7 | 5279.1 |
| 12 | 4096-QAM | 3/4 | 12 | 121632 | 91224 | 6707.6 | 6335 | 5701.5 |
| 13 | 5/6 | 121632 | 101360 | 7452.9 | 7038.9 | 6335 |
| TBD | DCM | 1/2 |  |  |  |  |  |  |  |

Table 96 EHT-MCSs for (484+996)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1448 | 11584 | 5792 | 425.88 | 402.22 | 362 |
| 1 | QPSK | 1/2 | 2 | 23168 | 11584 | 851.76 | 804.44 | 724 |
| 2 | 3/4 | 23168 | 17376 | 1277.6 | 1206.7 | 1086 |
| 3 | 16-QAM | 1/2 | 4 | 46336 | 23168 | 1703.5 | 1608.9 | 1448 |
| 4 | 3/4 | 46336 | 34752 | 2555.3 | 2413.3 | 2172 |
| 5 | 64-QAM | 2/3 | 6 | 69504 | 46335 | 3407 | 3217.7 | 2895.9 |
| 6 | 3/4 | 69504 | 52128 | 3832.9 | 3620 | 3258 |
| 7 | 5/6 | 69504 | 57920 | 4258.8 | 4022.2 | 3620 |
| 8 | 256-QAM | 3/4 | 8 | 92672 | 69504 | 5110.6 | 4826.7 | 4344 |
| 9 | 5/6 | 92672 | 77226 | 5678.4 | 5362.9 | 4826.6 |
| 10 | 1024-QAM | 3/4 | 10 | 115840 | 86880 | 6388.2 | 6033.3 | 5430 |
| 11 | 5/6 | 115840 | 96533 | 7098 | 6703.7 | 6033.3 |
| 12 | 4096-QAM | 3/4 | 12 | 139008 | 104256 | 7665.9 | 7240 | 6516 |
| 13 | 5/6 | 139008 | 115840 | 8517.6 | 8044.4 | 7240 |

### EHT-MCSs for Multi RU configurations RU (242+484+996)

Table 97 EHT-MCSs for (242+484+996)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 1682 | 841 | 61.838 | 58.403 | 52.562 |
| 1 | QPSK | 1/2 | 2 | 3364 | 1682 | 123.68 | 116.81 | 105.12 |
| 2 | 3/4 | 3364 | 2523 | 185.51 | 175.21 | 157.69 |
| 3 | 16-QAM | 1/2 | 4 | 6728 | 3364 | 247.35 | 233.61 | 210.25 |
| 4 | 3/4 | 6728 | 5046 | 371.03 | 350.42 | 315.38 |
| 5 | 64-QAM | 2/3 | 6 | 10092 | 6727 | 494.63 | 467.15 | 420.44 |
| 6 | 3/4 | 10092 | 7569 | 556.54 | 525.62 | 473.06 |
| 7 | 5/6 | 10092 | 8410 | 618.38 | 584.03 | 525.62 |
| 8 | 256-QAM | 3/4 | 8 | 13456 | 10092 | 742.06 | 700.83 | 630.75 |
| 9 | 5/6 | 13456 | 11213 | 824.49 | 778.68 | 700.81 |
| 10 | 1024-QAM | 3/4 | 10 | 16820 | 12615 | 927.57 | 876.04 | 788.44 |
| 11 | 5/6 | 16820 | 14016 | 1030.6 | 973.33 | 876 |
| 12 | 4096-QAM | 3/4 | 12 | 20184 | 15138 | 1113.1 | 1051.2 | 946.12 |
| 13 | 5/6 | 20184 | 16820 | 1236.8 | 1168.1 | 1051.2 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 98 EHT-MCSs for (242+484+996)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 3364 | 1682 | 123.68 | 116.81 | 105.12 |
| 1 | QPSK | 1/2 | 2 | 6728 | 3364 | 247.35 | 233.61 | 210.25 |
| 2 | 3/4 | 6728 | 5046 | 371.03 | 350.42 | 315.38 |
| 3 | 16-QAM | 1/2 | 4 | 13456 | 6728 | 494.71 | 467.22 | 420.5 |
| 4 | 3/4 | 13456 | 10092 | 742.06 | 700.83 | 630.75 |
| 5 | 64-QAM | 2/3 | 6 | 20184 | 13455 | 989.34 | 934.38 | 840.94 |
| 6 | 3/4 | 20184 | 15138 | 1113.1 | 1051.2 | 946.12 |
| 7 | 5/6 | 20184 | 16820 | 1236.8 | 1168.1 | 1051.2 |
| 8 | 256-QAM | 3/4 | 8 | 26912 | 20184 | 1484.1 | 1401.7 | 1261.5 |
| 9 | 5/6 | 26912 | 22426 | 1649 | 1557.4 | 1401.6 |
| 10 | 1024-QAM | 3/4 | 10 | 33640 | 25230 | 1855.1 | 1752.1 | 1576.9 |
| 11 | 5/6 | 33640 | 28033 | 2061.2 | 1946.7 | 1752.1 |
| 12 | 4096-QAM | 3/4 | 12 | 40368 | 30276 | 2226.2 | 2102.5 | 1892.2 |
| 13 | 5/6 | 40368 | 33640 | 2473.5 | 2336.1 | 2102.5 |

Table 99 EHT-MCSs for (242+484+996)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 |  | 2523 | 185.51 | 175.21 | 157.69 |
| 1 | QPSK | 1/2 | 2 | 5046 | 5046 | 371.03 | 350.42 | 315.38 |
| 2 | 3/4 | 10092 | 7569 | 556.54 | 525.62 | 473.06 |
| 3 | 16-QAM | 1/2 | 4 | 10092 | 10092 | 742.06 | 700.83 | 630.75 |
| 4 | 3/4 | 20184 | 15138 | 1113.1 | 1051.2 | 946.12 |
| 5 | 64-QAM | 2/3 | 6 | 20184 | 20183 | 1484 | 1401.6 | 1261.4 |
| 6 | 3/4 | 30276 | 22707 | 1669.6 | 1576.9 | 1419.2 |
| 7 | 5/6 | 30276 | 25230 | 1855.1 | 1752.1 | 1576.9 |
| 8 | 256-QAM | 3/4 | 8 | 30276 | 30276 | 2226.2 | 2102.5 | 1892.2 |
| 9 | 5/6 | 40368 | 33640 | 2473.5 | 2336.1 | 2102.5 |
| 10 | 1024-QAM | 3/4 | 10 | 40368 | 37845 | 2782.7 | 2628.1 | 2365.3 |
| 11 | 5/6 | 50460 | 42050 | 3091.9 | 2920.1 | 2628.1 |
| 12 | 4096-QAM | 3/4 | 12 | 50460 | 45414 | 3339.3 | 3153.8 | 2838.4 |
| 13 | 5/6 | 60552 | 50460 | 3710.3 | 3504.2 | 3153.8 |

Table 100 EHT-MCSs for (242+484+996)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 6728 | 3364 | 247.35 | 233.61 | 210.25 |
| 1 | QPSK | 1/2 | 2 | 13456 | 6728 | 494.71 | 467.22 | 420.5 |
| 2 | 3/4 | 13456 | 10092 | 742.06 | 700.83 | 630.75 |
| 3 | 16-QAM | 1/2 | 4 | 26912 | 13456 | 989.41 | 934.44 | 841 |
| 4 | 3/4 | 26912 | 20184 | 1484.1 | 1401.7 | 1261.5 |
| 5 | 64-QAM | 2/3 | 6 | 40368 | 26911 | 1978.8 | 1868.8 | 1681.9 |
| 6 | 3/4 | 40368 | 30276 | 2226.2 | 2102.5 | 1892.2 |
| 7 | 5/6 | 40368 | 33640 | 2473.5 | 2336.1 | 2102.5 |
| 8 | 256-QAM | 3/4 | 8 | 53824 | 40368 | 2968.2 | 2803.3 | 2523 |
| 9 | 5/6 | 53824 | 44853 | 3298 | 3114.8 | 2803.3 |
| 10 | 1024-QAM | 3/4 | 10 | 67280 | 50460 | 3710.3 | 3504.2 | 3153.8 |
| 11 | 5/6 | 67280 | 56066 | 4122.5 | 3893.5 | 3504.1 |
| 12 | 4096-QAM | 3/4 | 12 | 80736 | 60552 | 4452.4 | 4205 | 3784.5 |
| 13 | 5/6 | 80736 | 67280 | 4947.1 | 4672.2 | 4205 |

Table 101 EHT-MCSs for (242+484+996)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 8410 | 4205 | 309.19 | 292.01 | 262.81 |
| 1 | QPSK | 1/2 | 2 | 16820 | 8410 | 618.38 | 584.03 | 525.62 |
| 2 | 3/4 | 16820 | 12615 | 927.57 | 876.04 | 788.44 |
| 3 | 16-QAM | 1/2 | 4 | 33640 | 16820 | 1236.8 | 1168.1 | 1051.2 |
| 4 | 3/4 | 33640 | 25230 | 1855.1 | 1752.1 | 1576.9 |
| 5 | 64-QAM | 2/3 | 6 | 50460 | 33639 | 2473.5 | 2336 | 2102.4 |
| 6 | 3/4 | 50460 | 37845 | 2782.7 | 2628.1 | 2365.3 |
| 7 | 5/6 | 50460 | 42050 | 3091.9 | 2920.1 | 2628.1 |
| 8 | 256-QAM | 3/4 | 8 | 67280 | 50460 | 3710.3 | 3504.2 | 3153.8 |
| 9 | 5/6 | 67280 | 56066 | 4122.5 | 3893.5 | 3504.1 |
| 10 | 1024-QAM | 3/4 | 10 | 84100 | 63075 | 4637.9 | 4380.2 | 3942.2 |
| 11 | 5/6 | 84100 | 70083 | 5153.2 | 4866.9 | 4380.2 |
| 12 | 4096-QAM | 3/4 | 12 | 100920 | 75690 | 5565.4 | 5256.2 | 4730.6 |
| 13 | 5/6 | 100920 | 84100 | 6183.8 | 5840.3 | 5256.2 |

Table 102 EHT-MCSs for (242+484+996)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 10092 | 5046 | 371.03 | 350.42 | 315.38 |
| 1 | QPSK | 1/2 | 2 | 20184 | 10092 | 742.06 | 700.83 | 630.75 |
| 2 | 3/4 | 20184 | 15138 | 1113.1 | 1051.2 | 946.12 |
| 3 | 16-QAM | 1/2 | 4 | 40368 | 20184 | 1484.1 | 1401.7 | 1261.5 |
| 4 | 3/4 | 40368 | 30276 | 2226.2 | 2102.5 | 1892.2 |
| 5 | 64-QAM | 2/3 | 6 | 60552 | 40367 | 2968.2 | 2803.3 | 2522.9 |
| 6 | 3/4 | 60552 | 45414 | 3339.3 | 3153.8 | 2838.4 |
| 7 | 5/6 | 60552 | 50460 | 3710.3 | 3504.2 | 3153.8 |
| 8 | 256-QAM | 3/4 | 8 | 80736 | 60552 | 4452.4 | 4205 | 3784.5 |
| 9 | 5/6 | 80736 | 67280 | 4947.1 | 4672.2 | 4205 |
| 10 | 1024-QAM | 3/4 | 10 | 100920 | 75690 | 5565.4 | 5256.2 | 4730.6 |
| 11 | 5/6 | 100920 | 84100 | 6183.8 | 5840.3 | 5256.2 |
| 12 | 4096-QAM | 3/4 | 12 | 121104 | 90828 | 6678.5 | 6307.5 | 5676.8 |
| 13 | 5/6 | 121104 | 100920 | 7420.6 | 7008.3 | 6307.5 |

Table 103 EHT-MCSs for (242+484+996)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 11774 | 5887 | 432.87 | 408.82 | 367.94 |
| 1 | QPSK | 1/2 | 2 | 23548 | 11774 | 865.74 | 817.64 | 735.88 |
| 2 | 3/4 | 23548 | 17661 | 1298.6 | 1226.5 | 1103.8 |
| 3 | 16-QAM | 1/2 | 4 | 47096 | 23548 | 1731.5 | 1635.3 | 1471.8 |
| 4 | 3/4 | 47096 | 35322 | 2597.2 | 2452.9 | 2207.6 |
| 5 | 64-QAM | 2/3 | 6 | 70644 | 47095 | 3462.9 | 3270.5 | 2943.4 |
| 6 | 3/4 | 70644 | 52983 | 3895.8 | 3679.4 | 3311.4 |
| 7 | 5/6 | 70644 | 58870 | 4328.7 | 4088.2 | 3679.4 |
| 8 | 256-QAM | 3/4 | 8 | 94192 | 70644 | 5194.4 | 4905.8 | 4415.2 |
| 9 | 5/6 | 94192 | 78493 | 5771.5 | 5450.9 | 4905.8 |
| 10 | 1024-QAM | 3/4 | 10 | 117740 | 88305 | 6493 | 6132.3 | 5519.1 |
| 11 | 5/6 | 117740 | 98116 | 7214.4 | 6813.6 | 6132.2 |
| 12 | 4096-QAM | 3/4 | 12 | 141288 | 105966 | 7791.6 | 7358.8 | 6622.9 |
| 13 | 5/6 | 141288 | 117740 | 8657.4 | 8176.4 | 7358.8 |

Table 104 EHT-MCSs for (242+484+996)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 1682 | 13456 | 6728 | 494.71 | 467.22 | 420.5 |
| 1 | QPSK | 1/2 | 2 | 26912 | 13456 | 989.41 | 934.44 | 841 |
| 2 | 3/4 | 26912 | 20184 | 1484.1 | 1401.7 | 1261.5 |
| 3 | 16-QAM | 1/2 | 4 | 53824 | 26912 | 1978.8 | 1868.9 | 1682 |
| 4 | 3/4 | 53824 | 40368 | 2968.2 | 2803.3 | 2523 |
| 5 | 64-QAM | 2/3 | 6 | 80736 | 53823 | 3957.6 | 3737.7 | 3363.9 |
| 6 | 3/4 | 80736 | 60552 | 4452.4 | 4205 | 3784.5 |
| 7 | 5/6 | 80736 | 67280 | 4947.1 | 4672.2 | 4205 |
| 8 | 256-QAM | 3/4 | 8 | 107648 | 80736 | 5936.5 | 5606.7 | 5046 |
| 9 | 5/6 | 107648 | 89706 | 6596 | 6229.6 | 5606.6 |
| 10 | 1024-QAM | 3/4 | 10 | 134560 | 100920 | 7420.6 | 7008.3 | 6307.5 |
| 11 | 5/6 | 134560 | 112133 | 8245.1 | 7787 | 7008.3 |
| 12 | 4096-QAM | 3/4 | 12 | 161472 | 121104 | 8904.7 | 8410 | 7569 |
| 13 | 5/6 | 161472 | 134560 | 9894.1 | 9344.4 | 8410 |

### EHT-MCSs for Multi RU configurations RU (484,2x996)

Table 105 EHT-MCSs for (484+2x996)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 2428 | 1214 | 89.265 | 84.306 | 75.875 |
| 1 | QPSK | 1/2 | 2 | 4856 | 2428 | 178.53 | 168.61 | 151.75 |
| 2 | 3/4 | 4856 | 3642 | 267.79 | 252.92 | 227.62 |
| 3 | 16-QAM | 1/2 | 4 | 9712 | 4856 | 357.06 | 337.22 | 303.5 |
| 4 | 3/4 | 9712 | 7284 | 535.59 | 505.83 | 455.25 |
| 5 | 64-QAM | 2/3 | 6 | 14568 | 9711 | 714.04 | 674.38 | 606.94 |
| 6 | 3/4 | 14568 | 10926 | 803.38 | 758.75 | 682.88 |
| 7 | 5/6 | 14568 | 12140 | 892.65 | 843.06 | 758.75 |
| 8 | 256-QAM | 3/4 | 8 | 19424 | 14568 | 1071.2 | 1011.7 | 910.5 |
| 9 | 5/6 | 19424 | 16186 | 1190.1 | 1124 | 1011.6 |
| 10 | 1024-QAM | 3/4 | 10 | 24280 | 18210 | 1339 | 1264.6 | 1138.1 |
| 11 | 5/6 | 24280 | 20233 | 1487.7 | 1405.1 | 1264.6 |
| 12 | 4096-QAM | 3/4 | 12 | 29136 | 21852 | 1606.8 | 1517.5 | 1365.8 |
| 13 | 5/6 | 29136 | 24280 | 1785.3 | 1686.1 | 1517.5 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 106 EHT-MCSs for (484+2x996)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 4856 | 2428 | 178.53 | 168.61 | 151.75 |
| 1 | QPSK | 1/2 | 2 | 9712 | 4856 | 357.06 | 337.22 | 303.5 |
| 2 | 3/4 | 9712 | 7284 | 535.59 | 505.83 | 455.25 |
| 3 | 16-QAM | 1/2 | 4 | 19424 | 9712 | 714.12 | 674.44 | 607 |
| 4 | 3/4 | 19424 | 14568 | 1071.2 | 1011.7 | 910.5 |
| 5 | 64-QAM | 2/3 | 6 | 29136 | 19423 | 1428.2 | 1348.8 | 1213.9 |
| 6 | 3/4 | 29136 | 21852 | 1606.8 | 1517.5 | 1365.8 |
| 7 | 5/6 | 29136 | 24280 | 1785.3 | 1686.1 | 1517.5 |
| 8 | 256-QAM | 3/4 | 8 | 38848 | 29136 | 2142.4 | 2023.3 | 1821 |
| 9 | 5/6 | 38848 | 32373 | 2380.4 | 2248.1 | 2023.3 |
| 10 | 1024-QAM | 3/4 | 10 | 48560 | 36420 | 2677.9 | 2529.2 | 2276.2 |
| 11 | 5/6 | 48560 | 40466 | 2975.4 | 2810.1 | 2529.1 |
| 12 | 4096-QAM | 3/4 | 12 | 58272 | 43704 | 3213.5 | 3035 | 2731.5 |
| 13 | 5/6 | 58272 | 48560 | 3570.6 | 3372.2 | 3035 |

Table 107 EHT-MCSs for (484+2x996)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 7284 | 3642 | 267.79 | 252.92 | 227.62 |
| 1 | QPSK | 1/2 | 2 | 14568 | 7284 | 535.59 | 505.83 | 455.25 |
| 2 | 3/4 | 14568 | 10926 | 803.38 | 758.75 | 682.88 |
| 3 | 16-QAM | 1/2 | 4 | 29136 | 14568 | 1071.2 | 1011.7 | 910.5 |
| 4 | 3/4 | 29136 | 21852 | 1606.8 | 1517.5 | 1365.8 |
| 5 | 64-QAM | 2/3 | 6 | 43704 | 29135 | 2142.3 | 2023.3 | 1820.9 |
| 6 | 3/4 | 43704 | 32778 | 2410.1 | 2276.2 | 2048.6 |
| 7 | 5/6 | 43704 | 36420 | 2677.9 | 2529.2 | 2276.2 |
| 8 | 256-QAM | 3/4 | 8 | 58272 | 43704 | 3213.5 | 3035 | 2731.5 |
| 9 | 5/6 | 58272 | 48560 | 3570.6 | 3372.2 | 3035 |
| 10 | 1024-QAM | 3/4 | 10 | 72840 | 54630 | 4016.9 | 3793.8 | 3414.4 |
| 11 | 5/6 | 72840 | 60700 | 4463.2 | 4215.3 | 3793.8 |
| 12 | 4096-QAM | 3/4 | 12 | 87408 | 65556 | 4820.3 | 4552.5 | 4097.2 |
| 13 | 5/6 | 87408 | 72840 | 5355.9 | 5058.3 | 4552.5 |

Table 108 EHT-MCSs for (484+2x996)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 9712 | 4856 | 357.06 | 337.22 | 303.5 |
| 1 | QPSK | 1/2 | 2 | 19424 | 9712 | 714.12 | 674.44 | 607 |
| 2 | 3/4 | 19424 | 14568 | 1071.2 | 1011.7 | 910.5 |
| 3 | 16-QAM | 1/2 | 4 | 38848 | 19424 | 1428.2 | 1348.9 | 1214 |
| 4 | 3/4 | 38848 | 29136 | 2142.4 | 2023.3 | 1821 |
| 5 | 64-QAM | 2/3 | 6 | 58272 | 38847 | 2856.4 | 2697.7 | 2427.9 |
| 6 | 3/4 | 58272 | 43704 | 3213.5 | 3035 | 2731.5 |
| 7 | 5/6 | 58272 | 48560 | 3570.6 | 3372.2 | 3035 |
| 8 | 256-QAM | 3/4 | 8 | 77696 | 58272 | 4284.7 | 4046.7 | 3642 |
| 9 | 5/6 | 77696 | 64746 | 4760.7 | 4496.2 | 4046.6 |
| 10 | 1024-QAM | 3/4 | 10 | 97120 | 72840 | 5355.9 | 5058.3 | 4552.5 |
| 11 | 5/6 | 97120 | 80933 | 5951 | 5620.3 | 5058.3 |
| 12 | 4096-QAM | 3/4 | 12 | 116544 | 87408 | 6427.1 | 6070 | 5463 |
| 13 | 5/6 | 116544 | 97120 | 7141.2 | 6744.4 | 6070 |

Table 109 EHT-MCSs for (484+2x996)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 12140 | 6070 | 446.32 | 421.53 | 379.38 |
| 1 | QPSK | 1/2 | 2 | 24280 | 12140 | 892.65 | 843.06 | 758.75 |
| 2 | 3/4 | 24280 | 18210 | 1339 | 1264.6 | 1138.1 |
| 3 | 16-QAM | 1/2 | 4 | 48560 | 24280 | 1785.3 | 1686.1 | 1517.5 |
| 4 | 3/4 | 48560 | 36420 | 2677.9 | 2529.2 | 2276.2 |
| 5 | 64-QAM | 2/3 | 6 | 72840 | 48559 | 3570.5 | 3372.2 | 3034.9 |
| 6 | 3/4 | 72840 | 54630 | 4016.9 | 3793.8 | 3414.4 |
| 7 | 5/6 | 72840 | 60700 | 4463.2 | 4215.3 | 3793.8 |
| 8 | 256-QAM | 3/4 | 8 | 97120 | 72840 | 5355.9 | 5058.3 | 4552.5 |
| 9 | 5/6 | 97120 | 80933 | 5951 | 5620.3 | 5058.3 |
| 10 | 1024-QAM | 3/4 | 10 | 121400 | 91050 | 6694.9 | 6322.9 | 5690.6 |
| 11 | 5/6 | 121400 | 101166 | 7438.7 | 7025.4 | 6322.9 |
| 12 | 4096-QAM | 3/4 | 12 | 145680 | 109260 | 8033.8 | 7587.5 | 6828.8 |
| 13 | 5/6 | 145680 | 121400 | 8926.5 | 8430.6 | 7587.5 |

Table 110 EHT-MCSs for (484+2x996)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 14568 | 7284 | 535.59 | 505.83 | 455.25 |
| 1 | QPSK | 1/2 | 2 | 29136 | 14568 | 1071.2 | 1011.7 | 910.5 |
| 2 | 3/4 | 29136 | 21852 | 1606.8 | 1517.5 | 1365.8 |
| 3 | 16-QAM | 1/2 | 4 | 58272 | 29136 | 2142.4 | 2023.3 | 1821 |
| 4 | 3/4 | 58272 | 43704 | 3213.5 | 3035 | 2731.5 |
| 5 | 64-QAM | 2/3 | 6 | 87408 | 58271 | 4284.6 | 4046.6 | 3641.9 |
| 6 | 3/4 | 87408 | 65556 | 4820.3 | 4552.5 | 4097.2 |
| 7 | 5/6 | 87408 | 72840 | 5355.9 | 5058.3 | 4552.5 |
| 8 | 256-QAM | 3/4 | 8 | 116544 | 87408 | 6427.1 | 6070 | 5463 |
| 9 | 5/6 | 116544 | 97120 | 7141.2 | 6744.4 | 6070 |
| 10 | 1024-QAM | 3/4 | 10 | 145680 | 109260 | 8033.8 | 7587.5 | 6828.8 |
| 11 | 5/6 | 145680 | 121400 | 8926.5 | 8430.6 | 7587.5 |
| 12 | 4096-QAM | 3/4 | 12 | 174816 | 131112 | 9640.6 | 9105 | 8194.5 |
| 13 | 5/6 | 174816 | 145680 | 10712 | 10117 | 9105 |

Table 111 EHT-MCSs for (484+2x996)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 16996 | 8498 | 624.85 | 590.14 | 531.12 |
| 1 | QPSK | 1/2 | 2 | 33992 | 16996 | 1249.7 | 1180.3 | 1062.2 |
| 2 | 3/4 | 33992 | 25494 | 1874.6 | 1770.4 | 1593.4 |
| 3 | 16-QAM | 1/2 | 4 | 67984 | 33992 | 2499.4 | 2360.6 | 2124.5 |
| 4 | 3/4 | 67984 | 50988 | 3749.1 | 3540.8 | 3186.8 |
| 5 | 64-QAM | 2/3 | 6 | 101976 | 67983 | 4998.8 | 4721 | 4248.9 |
| 6 | 3/4 | 101976 | 76482 | 5623.7 | 5311.2 | 4780.1 |
| 7 | 5/6 | 101976 | 84980 | 6248.5 | 5901.4 | 5311.2 |
| 8 | 256-QAM | 3/4 | 8 | 135968 | 101976 | 7498.2 | 7081.7 | 6373.5 |
| 9 | 5/6 | 135968 | 113306 | 8331.3 | 7868.5 | 7081.6 |
| 10 | 1024-QAM | 3/4 | 10 | 169960 | 127470 | 9372.8 | 8852.1 | 7966.9 |
| 11 | 5/6 | 169960 | 141633 | 10414 | 9835.6 | 8852.1 |
| 12 | 4096-QAM | 3/4 | 12 | 203952 | 152964 | 11247 | 10622 | 9560.2 |
| 13 | 5/6 | 203952 | 169960 | 12497 | 11803 | 10622 |

Table 112 EHT-MCSs for (484+2x996)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2428 | 19424 | 9712 | 714.12 | 674.44 | 607 |
| 1 | QPSK | 1/2 | 2 | 38848 | 19424 | 1428.2 | 1348.9 | 1214 |
| 2 | 3/4 | 38848 | 29136 | 2142.4 | 2023.3 | 1821 |
| 3 | 16-QAM | 1/2 | 4 | 77696 | 38848 | 2856.5 | 2697.8 | 2428 |
| 4 | 3/4 | 77696 | 58272 | 4284.7 | 4046.7 | 3642 |
| 5 | 64-QAM | 2/3 | 6 | 116544 | 77695 | 5712.9 | 5395.5 | 4855.9 |
| 6 | 3/4 | 116544 | 87408 | 6427.1 | 6070 | 5463 |
| 7 | 5/6 | 116544 | 97120 | 7141.2 | 6744.4 | 6070 |
| 8 | 256-QAM | 3/4 | 8 | 155392 | 116544 | 8569.4 | 8093.3 | 7284 |
| 9 | 5/6 | 155392 | 129493 | 9521.5 | 8992.6 | 8093.3 |
| 10 | 1024-QAM | 3/4 | 10 | 194240 | 145680 | 10712 | 10117 | 9105 |
| 11 | 5/6 | 194240 | 161866 | 11902 | 11241 | 10117 |
| 12 | 4096-QAM | 3/4 | 12 | 233088 | 174816 | 12854 | 12140 | 10926 |
| 13 | 5/6 | 233088 | 194240 | 14282 | 13489 | 12140 |

### EHT-MCSs for Multi RU configurations RU (996+2x996)

Table 113 EHT-MCSs for (996+2x996)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 2940 | 1470 | 108.09 | 102.08 | 91.875 |
| 1 | QPSK | 1/2 | 2 | 5880 | 2940 | 216.18 | 204.17 | 183.75 |
| 2 | 3/4 | 5880 | 4410 | 324.26 | 306.25 | 275.62 |
| 3 | 16-QAM | 1/2 | 4 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 4 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 5 | 64-QAM | 2/3 | 6 | 17640 | 11758 | 864.56 | 816.53 | 734.88 |
| 6 | 3/4 | 17640 | 13230 | 972.79 | 918.75 | 826.88 |
| 7 | 5/6 | 17640 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 8 | 256-QAM | 3/4 | 8 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 9 | 5/6 | 23520 | 19599 | 1441.1 | 1361 | 1224.9 |
| 10 | 1024-QAM | 3/4 | 10 | 29400 | 22050 | 1621.3 | 1531.2 | 1378.1 |
| 11 | 5/6 | 29400 | 24499 | 1801.4 | 1701.3 | 1531.2 |
| 12 | 4096-QAM | 3/4 | 12 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 13 | 5/6 | 35280 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 114 EHT-MCSs for (996+2x996)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 5880 | 2940 | 216.18 | 204.17 | 183.75 |
| 1 | QPSK | 1/2 | 2 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 2 | 3/4 | 11760 | 8820 | 648.53 | 612.5 | 551.25 |
| 3 | 16-QAM | 1/2 | 4 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 4 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 5 | 64-QAM | 2/3 | 6 | 35280 | 23518 | 1729.3 | 1633.2 | 1469.9 |
| 6 | 3/4 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 7 | 5/6 | 35280 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 8 | 256-QAM | 3/4 | 8 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 9 | 5/6 | 47040 | 39199 | 2882.3 | 2722.2 | 2449.9 |
| 10 | 1024-QAM | 3/4 | 10 | 58800 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 11 | 5/6 | 58800 | 48999 | 3602.9 | 3402.7 | 3062.4 |
| 12 | 4096-QAM | 3/4 | 12 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 13 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |

Table 115 EHT-MCSs for (996+2x996)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 8820 | 4410 | 324.26 | 306.25 | 275.62 |
| 1 | QPSK | 1/2 | 2 | 17640 | 8820 | 648.53 | 612.5 | 551.25 |
| 2 | 3/4 | 17640 | 13230 | 972.79 | 918.75 | 826.88 |
| 3 | 16-QAM | 1/2 | 4 | 35280 | 17640 | 1297.1 | 1225 | 1102.5 |
| 4 | 3/4 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 5 | 64-QAM | 2/3 | 6 | 52920 | 35278 | 2594 | 2449.9 | 2204.9 |
| 6 | 3/4 | 52920 | 39690 | 2918.4 | 2756.2 | 2480.6 |
| 7 | 5/6 | 52920 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 8 | 256-QAM | 3/4 | 8 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 9 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |
| 10 | 1024-QAM | 3/4 | 10 | 88200 | 66150 | 4864 | 4593.8 | 4134.4 |
| 11 | 5/6 | 88200 | 73500 | 5404.4 | 5104.2 | 4593.8 |
| 12 | 4096-QAM | 3/4 | 12 | 105840 | 79380 | 5836.8 | 5512.5 | 4961.2 |
| 13 | 5/6 | 105840 | 88200 | 6485.3 | 6125 | 5512.5 |

Table 116 EHT-MCSs for (996+2x996)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 11760 | 5880 | 432.35 | 408.33 | 367.5 |
| 1 | QPSK | 1/2 | 2 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 2 | 3/4 | 23520 | 17640 | 1297.1 | 1225 | 1102.5 |
| 3 | 16-QAM | 1/2 | 4 | 47040 | 23520 | 1729.4 | 1633.3 | 1470 |
| 4 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 5 | 64-QAM | 2/3 | 6 | 70560 | 47038 | 3458.7 | 3266.5 | 2939.9 |
| 6 | 3/4 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 7 | 5/6 | 70560 | 58800 | 4323.5 | 4083.3 | 3675 |
| 8 | 256-QAM | 3/4 | 8 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 9 | 5/6 | 94080 | 78399 | 5764.6 | 5444.4 | 4899.9 |
| 10 | 1024-QAM | 3/4 | 10 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 11 | 5/6 | 117600 | 97999 | 7205.8 | 6805.5 | 6124.9 |
| 12 | 4096-QAM | 3/4 | 12 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 13 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |

Table 117 EHT-MCSs for (996+2x996)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 14700 | 7350 | 540.44 | 510.42 | 459.38 |
| 1 | QPSK | 1/2 | 2 | 29400 | 14700 | 1080.9 | 1020.8 | 918.75 |
| 2 | 3/4 | 29400 | 22050 | 1621.3 | 1531.2 | 1378.1 |
| 3 | 16-QAM | 1/2 | 4 | 58800 | 29400 | 2161.8 | 2041.7 | 1837.5 |
| 4 | 3/4 | 58800 | 44100 | 3242.6 | 3062.5 | 2756.2 |
| 5 | 64-QAM | 2/3 | 6 | 88200 | 58798 | 4323.4 | 4083.2 | 3674.9 |
| 6 | 3/4 | 88200 | 66150 | 4864 | 4593.8 | 4134.4 |
| 7 | 5/6 | 88200 | 73500 | 5404.4 | 5104.2 | 4593.8 |
| 8 | 256-QAM | 3/4 | 8 | 117600 | 88200 | 6485.3 | 6125 | 5512.5 |
| 9 | 5/6 | 117600 | 97999 | 7205.8 | 6805.5 | 6124.9 |
| 10 | 1024-QAM | 3/4 | 10 | 147000 | 110250 | 8106.6 | 7656.2 | 6890.6 |
| 11 | 5/6 | 147000 | 122499 | 9007.3 | 8506.9 | 7656.2 |
| 12 | 4096-QAM | 3/4 | 12 | 176400 | 132300 | 9727.9 | 9187.5 | 8268.8 |
| 13 | 5/6 | 176400 | 147000 | 10809 | 10208 | 9187.5 |

Table 118 EHT-MCSs for (996+2x996)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 17640 | 8820 | 648.53 | 612.5 | 551.25 |
| 1 | QPSK | 1/2 | 2 | 35280 | 17640 | 1297.1 | 1225 | 1102.5 |
| 2 | 3/4 | 35280 | 26460 | 1945.6 | 1837.5 | 1653.8 |
| 3 | 16-QAM | 1/2 | 4 | 70560 | 35280 | 2594.1 | 2450 | 2205 |
| 4 | 3/4 | 70560 | 52920 | 3891.2 | 3675 | 3307.5 |
| 5 | 64-QAM | 2/3 | 6 | 105840 | 70558 | 5188.1 | 4899.9 | 4409.9 |
| 6 | 3/4 | 105840 | 79380 | 5836.8 | 5512.5 | 4961.2 |
| 7 | 5/6 | 105840 | 88200 | 6485.3 | 6125 | 5512.5 |
| 8 | 256-QAM | 3/4 | 8 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 9 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |
| 10 | 1024-QAM | 3/4 | 10 | 176400 | 132300 | 9727.9 | 9187.5 | 8268.8 |
| 11 | 5/6 | 176400 | 147000 | 10809 | 10208 | 9187.5 |
| 12 | 4096-QAM | 3/4 | 12 | 211680 | 158760 | 11674 | 11025 | 9922.5 |
| 13 | 5/6 | 211680 | 176400 | 12971 | 12250 | 11025 |

Table 119 EHT-MCSs for (996+2x996)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 20580 | 10290 | 756.62 | 714.58 | 643.12 |
| 1 | QPSK | 1/2 | 2 | 41160 | 20580 | 1513.2 | 1429.2 | 1286.2 |
| 2 | 3/4 | 41160 | 30870 | 2269.9 | 2143.8 | 1929.4 |
| 3 | 16-QAM | 1/2 | 4 | 82320 | 41160 | 3026.5 | 2858.3 | 2572.5 |
| 4 | 3/4 | 82320 | 61740 | 4539.7 | 4287.5 | 3858.8 |
| 5 | 64-QAM | 2/3 | 6 | 123480 | 82318 | 6052.8 | 5716.5 | 5144.9 |
| 6 | 3/4 | 123480 | 92610 | 6809.6 | 6431.2 | 5788.1 |
| 7 | 5/6 | 123480 | 102900 | 7566.2 | 7145.8 | 6431.2 |
| 8 | 256-QAM | 3/4 | 8 | 164640 | 123480 | 9079.4 | 8575 | 7717.5 |
| 9 | 5/6 | 164640 | 137199 | 10088 | 9527.7 | 8574.9 |
| 10 | 1024-QAM | 3/4 | 10 | 205800 | 154350 | 11349 | 10719 | 9646.9 |
| 11 | 5/6 | 205800 | 171499 | 12610 | 11910 | 10719 |
| 12 | 4096-QAM | 3/4 | 12 | 246960 | 185220 | 13619 | 12862 | 11576 |
| 13 | 5/6 | 246960 | 205800 | 15132 | 14292 | 12862 |

Table 120 EHT-MCSs for (996+2x996)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 2940 | 23520 | 11760 | 864.71 | 816.67 | 735 |
| 1 | QPSK | 1/2 | 2 | 47040 | 23520 | 1729.4 | 1633.3 | 1470 |
| 2 | 3/4 | 47040 | 35280 | 2594.1 | 2450 | 2205 |
| 3 | 16-QAM | 1/2 | 4 | 94080 | 47040 | 3458.8 | 3266.7 | 2940 |
| 4 | 3/4 | 94080 | 70560 | 5188.2 | 4900 | 4410 |
| 5 | 64-QAM | 2/3 | 6 | 141120 | 94078 | 6917.5 | 6533.2 | 5879.9 |
| 6 | 3/4 | 141120 | 105840 | 7782.4 | 7350 | 6615 |
| 7 | 5/6 | 141120 | 117600 | 8647.1 | 8166.7 | 7350 |
| 8 | 256-QAM | 3/4 | 8 | 188160 | 141120 | 10376 | 9800 | 8820 |
| 9 | 5/6 | 188160 | 156799 | 11529 | 10889 | 9799.9 |
| 10 | 1024-QAM | 3/4 | 10 | 235200 | 176400 | 12971 | 12250 | 11025 |
| 11 | 5/6 | 235200 | 195999 | 14412 | 13611 | 12250 |
| 12 | 4096-QAM | 3/4 | 12 | 282240 | 211680 | 15565 | 14700 | 13230 |
| 13 | 5/6 | 282240 | 235200 | 17294 | 16333 | 14700 |

### EHT-MCSs for Multi RU configurations RU (484+3x996)

Table 121 EHT-MCSs for (484+3x996)-tone MRU, NSS = 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 3408 | 1704 | 125.29 | 118.33 | 106.5 |
| 1 | QPSK | 1/2 | 2 | 6816 | 3408 | 250.59 | 236.67 | 213 |
| 2 | 3/4 | 6816 | 5112 | 375.88 | 355 | 319.5 |
| 3 | 16-QAM | 1/2 | 4 | 13632 | 6816 | 501.18 | 473.33 | 426 |
| 4 | 3/4 | 13632 | 10224 | 751.76 | 710 | 639 |
| 5 | 64-QAM | 2/3 | 6 | 20448 | 13630 | 1002.2 | 946.53 | 851.88 |
| 6 | 3/4 | 20448 | 15336 | 1127.6 | 1065 | 958.5 |
| 7 | 5/6 | 20448 | 17040 | 1252.9 | 1183.3 | 1065 |
| 8 | 256-QAM | 3/4 | 8 | 27264 | 20448 | 1503.5 | 1420 | 1278 |
| 9 | 5/6 | 27264 | 22719 | 1670.5 | 1577.7 | 1419.9 |
| 10 | 1024-QAM | 3/4 | 10 | 34080 | 25560 | 1879.4 | 1775 | 1597.5 |
| 11 | 5/6 | 34080 | 28399 | 2088.2 | 1972.2 | 1774.9 |
| 12 | 4096-QAM | 3/4 | 12 | 40896 | 30672 | 2255.3 | 2130 | 1917 |
| 13 | 5/6 | 40896 | 34080 | 2505.9 | 2366.7 | 2130 |
| TBD | DCM+MCS0 | 1/2 |  |  |  |  |  |  |  |

Table 122 EHT-MCSs for (484+3x996)-tone MRU, NSS = 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 6816 | 3408 | 250.59 | 236.67 | 213 |
| 1 | QPSK | 1/2 | 2 | 13632 | 6816 | 501.18 | 473.33 | 426 |
| 2 | 3/4 | 13632 | 10224 | 751.76 | 710 | 639 |
| 3 | 16-QAM | 1/2 | 4 | 27264 | 13632 | 1002.4 | 946.67 | 852 |
| 4 | 3/4 | 27264 | 20448 | 1503.5 | 1420 | 1278 |
| 5 | 64-QAM | 2/3 | 6 | 40896 | 27262 | 2004.6 | 1893.2 | 1703.9 |
| 6 | 3/4 | 40896 | 30672 | 2255.3 | 2130 | 1917 |
| 7 | 5/6 | 40896 | 34080 | 2505.9 | 2366.7 | 2130 |
| 8 | 256-QAM | 3/4 | 8 | 54528 | 40896 | 3007.1 | 2840 | 2556 |
| 9 | 5/6 | 54528 | 45439 | 3341.1 | 3155.5 | 2839.9 |
| 10 | 1024-QAM | 3/4 | 10 | 68160 | 51120 | 3758.8 | 3550 | 3195 |
| 11 | 5/6 | 68160 | 56799 | 4176.4 | 3944.4 | 3549.9 |
| 12 | 4096-QAM | 3/4 | 12 | 81792 | 61344 | 4510.6 | 4260 | 3834 |
| 13 | 5/6 | 81792 | 68160 | 5011.8 | 4733.3 | 4260 |

Table 123 EHT-MCSs for (484+3x996)-tone MRU, NSS = 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 10224 | 5112 | 375.88 | 355 | 319.5 |
| 1 | QPSK | 1/2 | 2 | 20448 | 10224 | 751.76 | 710 | 639 |
| 2 | 3/4 | 20448 | 15336 | 1127.6 | 1065 | 958.5 |
| 3 | 16-QAM | 1/2 | 4 | 40896 | 20448 | 1503.5 | 1420 | 1278 |
| 4 | 3/4 | 40896 | 30672 | 2255.3 | 2130 | 1917 |
| 5 | 64-QAM | 2/3 | 6 | 61344 | 40894 | 3006.9 | 2839.9 | 2555.9 |
| 6 | 3/4 | 61344 | 46008 | 3382.9 | 3195 | 2875.5 |
| 7 | 5/6 | 61344 | 51120 | 3758.8 | 3550 | 3195 |
| 8 | 256-QAM | 3/4 | 8 | 81792 | 61344 | 4510.6 | 4260 | 3834 |
| 9 | 5/6 | 81792 | 68160 | 5011.8 | 4733.3 | 4260 |
| 10 | 1024-QAM | 3/4 | 10 | 102240 | 76680 | 5638.2 | 5325 | 4792.5 |
| 11 | 5/6 | 102240 | 85200 | 6264.7 | 5916.7 | 5325 |
| 12 | 4096-QAM | 3/4 | 12 | 122688 | 92016 | 6765.9 | 6390 | 5751 |
| 13 | 5/6 | 122688 | 102240 | 7517.6 | 7100 | 6390 |

Table 124 EHT-MCSs for (484+3x996)-tone MRU, NSS = 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 13632 | 6816 | 501.18 | 473.33 | 426 |
| 1 | QPSK | 1/2 | 2 | 27264 | 13632 | 1002.4 | 946.67 | 852 |
| 2 | 3/4 | 27264 | 20448 | 1503.5 | 1420 | 1278 |
| 3 | 16-QAM | 1/2 | 4 | 54528 | 27264 | 2004.7 | 1893.3 | 1704 |
| 4 | 3/4 | 54528 | 40896 | 3007.1 | 2840 | 2556 |
| 5 | 64-QAM | 2/3 | 6 | 81792 | 54526 | 4009.3 | 3786.5 | 3407.9 |
| 6 | 3/4 | 81792 | 61344 | 4510.6 | 4260 | 3834 |
| 7 | 5/6 | 81792 | 68160 | 5011.8 | 4733.3 | 4260 |
| 8 | 256-QAM | 3/4 | 8 | 109056 | 81792 | 6014.1 | 5680 | 5112 |
| 9 | 5/6 | 109056 | 90879 | 6682.3 | 6311 | 5679.9 |
| 10 | 1024-QAM | 3/4 | 10 | 136320 | 102240 | 7517.6 | 7100 | 6390 |
| 11 | 5/6 | 136320 | 113599 | 8352.9 | 7888.8 | 7099.9 |
| 12 | 4096-QAM | 3/4 | 12 | 163584 | 122688 | 9021.2 | 8520 | 7668 |
| 13 | 5/6 | 163584 | 136320 | 10024 | 9466.7 | 8520 |

Table 125 EHT-MCSs for (484+3x996)-tone MRU, NSS = 5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 17040 | 8520 | 626.47 | 591.67 | 532.5 |
| 1 | QPSK | 1/2 | 2 | 34080 | 17040 | 1252.9 | 1183.3 | 1065 |
| 2 | 3/4 | 34080 | 25560 | 1879.4 | 1775 | 1597.5 |
| 3 | 16-QAM | 1/2 | 4 | 68160 | 34080 | 2505.9 | 2366.7 | 2130 |
| 4 | 3/4 | 68160 | 51120 | 3758.8 | 3550 | 3195 |
| 5 | 64-QAM | 2/3 | 6 | 102240 | 68158 | 5011.6 | 4733.2 | 4259.9 |
| 6 | 3/4 | 102240 | 76680 | 5638.2 | 5325 | 4792.5 |
| 7 | 5/6 | 102240 | 85200 | 6264.7 | 5916.7 | 5325 |
| 8 | 256-QAM | 3/4 | 8 | 136320 | 102240 | 7517.6 | 7100 | 6390 |
| 9 | 5/6 | 136320 | 113599 | 8352.9 | 7888.8 | 7099.9 |
| 10 | 1024-QAM | 3/4 | 10 | 170400 | 127800 | 9397.1 | 8875 | 7987.5 |
| 11 | 5/6 | 170400 | 141999 | 10441 | 9861 | 8874.9 |
| 12 | 4096-QAM | 3/4 | 12 | 204480 | 153360 | 11276 | 10650 | 9585 |
| 13 | 5/6 | 204480 | 170400 | 12529 | 11833 | 10650 |

Table 126 EHT-MCSs for (484+3x996)-tone MRU, NSS = 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 20448 | 10224 | 751.76 | 710 | 639 |
| 1 | QPSK | 1/2 | 2 | 40896 | 20448 | 1503.5 | 1420 | 1278 |
| 2 | 3/4 | 40896 | 30672 | 2255.3 | 2130 | 1917 |
| 3 | 16-QAM | 1/2 | 4 | 81792 | 40896 | 3007.1 | 2840 | 2556 |
| 4 | 3/4 | 81792 | 61344 | 4510.6 | 4260 | 3834 |
| 5 | 64-QAM | 2/3 | 6 | 122688 | 81790 | 6014 | 5679.9 | 5111.9 |
| 6 | 3/4 | 122688 | 92016 | 6765.9 | 6390 | 5751 |
| 7 | 5/6 | 122688 | 102240 | 7517.6 | 7100 | 6390 |
| 8 | 256-QAM | 3/4 | 8 | 163584 | 122688 | 9021.2 | 8520 | 7668 |
| 9 | 5/6 | 163584 | 136320 | 10024 | 9466.7 | 8520 |
| 10 | 1024-QAM | 3/4 | 10 | 204480 | 153360 | 11276 | 10650 | 9585 |
| 11 | 5/6 | 204480 | 170400 | 12529 | 11833 | 10650 |
| 12 | 4096-QAM | 3/4 | 12 | 245376 | 184032 | 13532 | 12780 | 11502 |
| 13 | 5/6 | 245376 | 204480 | 15035 | 14200 | 12780 |

Table 127 EHT-MCSs for (484+3x996)-tone MRU, NSS = 7

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 23856 | 11928 | 877.06 | 828.33 | 745.5 |
| 1 | QPSK | 1/2 | 2 | 47712 | 23856 | 1754.1 | 1656.7 | 1491 |
| 2 | 3/4 | 47712 | 35784 | 2631.2 | 2485 | 2236.5 |
| 3 | 16-QAM | 1/2 | 4 | 95424 | 47712 | 3508.2 | 3313.3 | 2982 |
| 4 | 3/4 | 95424 | 71568 | 5262.4 | 4970 | 4473 |
| 5 | 64-QAM | 2/3 | 6 | 143136 | 95422 | 7016.3 | 6626.5 | 5963.9 |
| 6 | 3/4 | 143136 | 107352 | 7893.5 | 7455 | 6709.5 |
| 7 | 5/6 | 143136 | 119280 | 8770.6 | 8283.3 | 7455 |
| 8 | 256-QAM | 3/4 | 8 | 190848 | 143136 | 10525 | 9940 | 8946 |
| 9 | 5/6 | 190848 | 159039 | 11694 | 11044 | 9939.9 |
| 10 | 1024-QAM | 3/4 | 10 | 238560 | 178920 | 13156 | 12425 | 11182 |
| 11 | 5/6 | 238560 | 198799 | 14618 | 13805 | 12425 |
| 12 | 4096-QAM | 3/4 | 12 | 286272 | 214704 | 15787 | 14910 | 13419 |
| 13 | 5/6 | 286272 | 238560 | 17541 | 16567 | 14910 |

Table 128 EHT-MCSs for (484+3x996)-tone MRU, NSS = 8

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EHT-MCS index | Modulation | Code rate R | NBPSCS | NSD | NCBPS | NDBPS | Data rate (Mb/s) per spatial stream  R0 | | |
| GI=0.8uS | GI=1.6uS | GI=3.2uS |
| 0 | BPSK | 1/2 | 1 | 3408 | 27264 | 13632 | 1002.4 | 946.67 | 852 |
| 1 | QPSK | 1/2 | 2 | 54528 | 27264 | 2004.7 | 1893.3 | 1704 |
| 2 | 3/4 | 54528 | 40896 | 3007.1 | 2840 | 2556 |
| 3 | 16-QAM | 1/2 | 4 | 109056 | 54528 | 4009.4 | 3786.7 | 3408 |
| 4 | 3/4 | 109056 | 81792 | 6014.1 | 5680 | 5112 |
| 5 | 64-QAM | 2/3 | 6 | 163584 | 109054 | 8018.7 | 7573.2 | 6815.9 |
| 6 | 3/4 | 163584 | 122688 | 9021.2 | 8520 | 7668 |
| 7 | 5/6 | 163584 | 136320 | 10024 | 9466.7 | 8520 |
| 8 | 256-QAM | 3/4 | 8 | 218112 | 163584 | 12028 | 11360 | 10224 |
| 9 | 5/6 | 218112 | 181759 | 13365 | 12622 | 11360 |
| 10 | 1024-QAM | 3/4 | 10 | 272640 | 204480 | 15035 | 14200 | 12780 |
| 11 | 5/6 | 272640 | 227199 | 16706 | 15778 | 14200 |
| 12 | 4096-QAM | 3/4 | 12 | 327168 | 245376 | 18042 | 17040 | 15336 |
| 13 | 5/6 | 327168 | 272640 | 20047 | 18933 | 17040 |

A close up of a map

Description automatically generated

Figure 1: PHY data Rate for different RUs, NSS=1, GI=1.6 uS

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Figure 2: PHY data Rate for different RUs, NSS=2, GI=1.6 uS

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Figure 3: PHY data Rate for different RUs, NSS=4, GI=1.6 uS

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Figure 4: PHY data Rate for different RUs, NSS=8, GI=1.2uS

### Supplement: Equation/Python Program

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Description automatically generated

import numpy as np  
import matplotlib.pyplot as plt  
  
np.set\_printoptions(suppress=True)  
np.set\_printoptions(precision=5)  
  
  
def plot\_eht\_rates(RU, Nss):  
 # plt.plot(MCS, R1,'-bo',label=r'$f(x)$',MCS, R2,'-rs',label=r'$f(x)$',MCS, R3,'h-k',label=r'$f(x)$')  
 MCS, Ncbps, Ndbps, R1, R2, R3 = eht\_rate(RU, Nss)  
  
 ax = plt.gca()  
  
 ax.plot(MCS, R1, '-o', label=r'$T\_{g}=0.8\mu S$');  
 ax.plot(MCS, R2, '-s', label=r'$T\_{g}=1.6\mu S$');  
 ax.plot(MCS, R3, 'h-k', label=r'$T\_{g}=3.2\mu S$')  
 ax.legend()  
 plt.xlabel('MCS')  
 plt.ylabel('$R\_{phy}$')  
 plt.title('EHT PHY rate: Nss=%i,RU=%i' % (Nss, RU))  
 plt.grid()  
 plt.show()  
  
  
def print\_matrix(arr):  
 for a in arr:  
 for elem in a:  
 print('{:.2f}'.format(elem).rjust(2), end="\t", sep=' ')  
 print(end="\n")  
  
  
def phy\_rate(Ndbps, GI):  
 T = 3.2e-6 \* 4  
 return Ndbps / (T + GI)  
  
  
def eht\_rate(RU, Nss):  
 vRU = np.array(  
 [[26, 24], [52, 48], [106, 102], [242, 234], [484, 468], [996, 980], [2 \* 996, 2 \* 980], [4 \* 996, 4 \* 980],[26+52,24+48],[26+106,24+102],[242+484,234+468],[484+996,468+980],[242+484+996,234+468+980],[2\*996+484,2\*980+468],[3\*996,3\*980],[3\*996+484,3\*980+468]])  
 vMCS = np.array(  
 [[2, 1 / 2], [4, 1 / 2], [4, 3 / 4], [16, 1 / 2], [16, 3 / 4], [64, 2 / 3], [64, 3 / 4], [64, 5 / 6],  
 [256, 3 / 4], [256, 5 / 6], [1024, 3 / 4], [1024, 5 / 6], [4096, 3 / 4], [4096, 5 / 6]])  
 MCS = np.array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13])  
 MQAM, Rc = list(zip(\*vMCS))  
 xRU, Nru = zip(\*vRU)  
 Ncbps = Nss \* Nru[xRU.index(RU)] \* np.log2(MQAM)  
 Ndbps = np.floor(Ncbps \* Rc)  
 Rphy = phy\_rate(Ndbps, 0.8e-6)  
 Rphy2 = phy\_rate(Ndbps, 2 \* 0.8e-6)  
 Rphy3 = phy\_rate(Ndbps, 4 \* 0.8e-6)  
 yield MCS  
 yield Ncbps  
 yield Ndbps  
 yield Rphy \* 1e-6  
 yield Rphy2 \* 1e-6  
 yield Rphy3 \* 1e-6

# ----------------------- Test Utility -----------------  
# Run specific test case  
Nss = 2  
RU = 996 \* 4  
MCS, Ncbps, Ndbps, R1, R2, R3 = eht\_rate(RU, Nss)  
np.column\_stack(Ncbps)  
print(np.column\_stack(("MCS", "Ncbps", "Ndbps", "R(GI=0.8)", "R(GI=0.8)", "R(GI=0.8)")))  
X = np.column\_stack((MCS, Ncbps, Ndbps, R1, R2, R3))  
# print(X)  
print\_matrix(X)  
# -------------------- Plot ----------------------------  
plt.figure()  
plot\_eht\_rates(484, 3)

'MCS' 'Ncbps' 'Ndbps' 'R(GI=0.8)' 'R(GI=0.8)' 'R(GI=0.8)'

0.00 7840.00 3 920.00 288.24 272.22 245.00

1.00 15680.00 7840.00 576.47 544.44 490.00

2.00 15680.00 11760.00 864.71 816.67 735.00

3.00 31360.00 15680.00 1152.94 1088.89 980.00

4.00 31360.00 23520.00 1729.41 1633.33 1470.00

5.00 47040.00 31360.00 2305.88 2177.78 1960.00

6.00 47040.00 35280.00 2594.12 2450.00 2205.00

7.00 47040.00 39200.00 2882.35 2722.22 2450.00

8.00 62720.00 47040.00 3458.82 3266.67 2940.00

9.00 62720.00 52266.00 3843.09 3629.58 3266.62

10.00 78400.00 58800.00 4323.53 4083.33 3675.00

11.00 78400.00 65333.00 4803.90 4537.01 4083.31

12.00 94080.00 70560.00 5188.24 4900.00 4410.00

13.00 94080.00 78400.00 5764.71 5444.44 4900.00

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