**IEEE P802.11  
Wireless LANs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 23-47** | | | | |
| **Date: 2024-11-06** | | | | |
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**Abstract**

This document corrects the value for MCS 11 NCBPS in Table 23-47

*Discussion:*

Changes are made from IEEE P802.11-REVme/D7.0

*Discussion:*

The value of NCBPS = NBPSCS x NSD x NSS

Where,

NCBPS = Number of coded bits per single carrier for spatial streams

NSD = Number of complex data numbers per spatial stream per OFDM symbol

NSS = Number of spatial streams

*Proposed changes to Table 23-47:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * **S1G-MCSs for 2 MHz, *Nss* = 2** | | | | | | | | | | | | | | | | | | | |
| **MCS Idx** | **Mod** | **R** | | ***NBPSCS*** | | ***NSD*** | | | ***NSP*** | | ***NCBPS*** | | ***NDBPS*** | ***NES*** | | | **Data\_rate (kb/s)** | | |
| **8** μ**s GI** | **4** μ**s GI** | |
| 0 | BPSK | 1/2 | | 1 | | 52 | | | 4 | | 104 | | 52 | 1 | | | 1300.0 | 1444.4 | |
| 1 | QPSK | 1/2 | | 2 | | 52 | | | 4 | | 208 | | 104 | 1 | | | 2600.0 | 2888.9 | |
| 2 | QPSK | 3/4 | | 2 | | 52 | | | 4 | | 208 | | 156 | 1 | | | 3900.0 | 4333.3 | |
| 3 | 16-QAM | 1/2 | | 4 | | 52 | | | 4 | | 416 | | 208 | 1 | | | 5200.0 | 5777.8 | |
| 4 | 16-QAM | 3/4 | | 4 | | 52 | | | 4 | | 416 | | 312 | 1 | | | 7800.0 | 8666.7 | |
| 5 | 64-QAM | 2/3 | | 6 | | 52 | | | 4 | | 624 | | 416 | 1 | | | 10 400.0 | 11 555.6 | |
| 6 | 64-QAM | 3/4 | | 6 | | 52 | | | 4 | | 624 | | 468 | 1 | | | 11 700.0 | 13 000.0 | |
| 7 | 64-QAM | 5/6 | | 6 | | 52 | | | 4 | | 624 | | 520 | 1 | | | 13 000.0 | 14 444.4 | |
| 8 | 256-QAM | 3/4 | | 8 | | 52 | | | 4 | | 832 | | 624 | 1 | | | 15 600.0 | 17 333.3 | |
| 9 | Not valid | | | | | | | | | | | | | | | | | | |
| 10 | Not valid | | | | | | | | | | | | | | | | | | |
| 11 | 1024-QAM | | 3/4 | | 10 | | 52 | 4 | | ~~1024~~1040 | | 780 | | | 1 | 19500 | | | 21666.7 |
| 12 | Not valid | | | | | | | | | | | | | | | | | | |

**References:**