IEEE P802.22 Wireless RANs

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Abstract

In the course of implementing the 802.22 base standard in a product, we discovered what we believe are:

1- errors in the 802.22 base standard

2- omissions in the same standard which we believe should be corrected

3- clarifications which should be added

4- un-necessary IP which should be removed

5- etc… (other issues)

This contribution (which we intend to revise from time to time) is intended to list all these. It will also list what we believe are the disposals of each item, providing a summary of the items addressed and the disposal of each such item in an orderly fashion.

Item #12: In Section 9.7.2.1.3 on OFDM slot concatenation, A first paragraph should be included as follows:

“Before the slot concatenation rule described below can be applied, the last slot on the PSDU should be padded with zeros in case the encoded data from the payload does not completely fill it.” Also, Table 209 should be modified to quantify the “j” coefficient for the two block sizes proposed as follows:

|  |  |
| --- | --- |
| **Block size (encoded bits) >** | 288 |
| **Modulation** | **j** |
| QPSK | 6 |
| 16-QAM | 3 |
| 64-QAM | 2 |