**IEEE P802.11
Wireless LANs**

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| **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:*

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| * **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:**