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## **Appendix A. Test Result of AC Power Line Conducted Emission**

As the EUT is battery-powered, this test item was not performed.

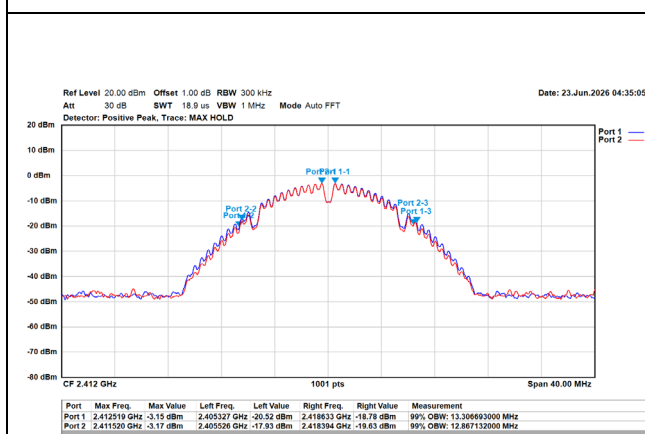
## Appendix B. Test Result of Occupied Bandwidth & DTS Bandwidth

### ANT.1 + ANT.2 Antenna

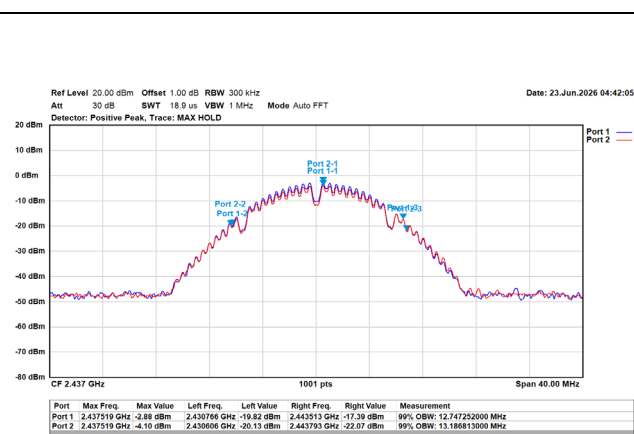
| Modulation          | Frequency<br>(MHz) | 99% Occupied Bandwidth<br>(MHz) |        | DTS Bandwidth<br>(MHz) |        | Limit<br>(MHz)               |                  |
|---------------------|--------------------|---------------------------------|--------|------------------------|--------|------------------------------|------------------|
|                     |                    | Ant. 1                          | Ant. 2 | Ant. 1                 | Ant. 2 | 99%<br>Occupied<br>Bandwidth | DTS<br>Bandwidth |
| 802.11b<br>(20MHz)  | 2412               | 13.31                           | 12.87  | 8.04                   | 7.12   | -                            | $\geq 0.5$       |
|                     | 2437               | 12.75                           | 13.19  | 7.52                   | 8.08   | -                            | $\geq 0.5$       |
|                     | 2462               | 13.67                           | 12.99  | 8.12                   | 7.56   | -                            | $\geq 0.5$       |
| 802.11g<br>(20MHz)  | 2412               | 16.34                           | 16.34  | 16.00                  | 15.72  | -                            | $\geq 0.5$       |
|                     | 2437               | 16.26                           | 16.42  | 14.04                  | 15.12  | -                            | $\geq 0.5$       |
|                     | 2462               | 16.22                           | 16.34  | 15.08                  | 15.12  | -                            | $\geq 0.5$       |
| 802.11ac<br>(20MHz) | 2412               | 17.58                           | 17.54  | 17.56                  | 15.88  | -                            | $\geq 0.5$       |
|                     | 2437               | 17.50                           | 17.50  | 16.32                  | 17.60  | -                            | $\geq 0.5$       |
|                     | 2462               | 17.46                           | 17.50  | 16.04                  | 16.92  | -                            | $\geq 0.5$       |
| 802.11ac<br>(40MHz) | 2422               | 36.12                           | 35.80  | 36.32                  | 33.76  | -                            | $\geq 0.5$       |
|                     | 2437               | 35.96                           | 36.28  | 32.56                  | 34.40  | -                            | $\geq 0.5$       |
|                     | 2452               | 36.12                           | 35.96  | 33.44                  | 34.40  | -                            | $\geq 0.5$       |
| 802.11ax<br>(20MHz) | 2412               | 19.22                           | 19.18  | 19.16                  | 19.12  | -                            | $\geq 0.5$       |
|                     | 2437               | 19.02                           | 19.34  | 19.08                  | 19.20  | -                            | $\geq 0.5$       |
|                     | 2462               | 19.06                           | 19.10  | 19.12                  | 19.16  | -                            | $\geq 0.5$       |
| 802.11ax<br>(40MHz) | 2422               | 38.36                           | 38.12  | 38.16                  | 37.92  | -                            | $\geq 0.5$       |
|                     | 2437               | 38.20                           | 38.52  | 38.08                  | 38.32  | -                            | $\geq 0.5$       |
|                     | 2452               | 38.44                           | 38.36  | 38.24                  | 38.08  | -                            | $\geq 0.5$       |

## For 99% Occupied Bandwidth:

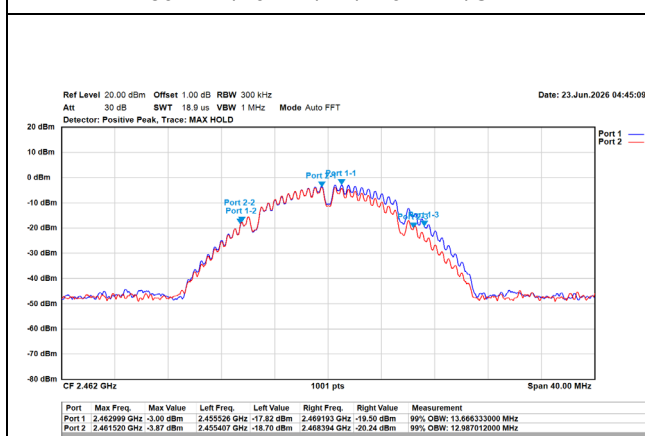
802.11b/20MHz/1M/2412MHz/Ch1



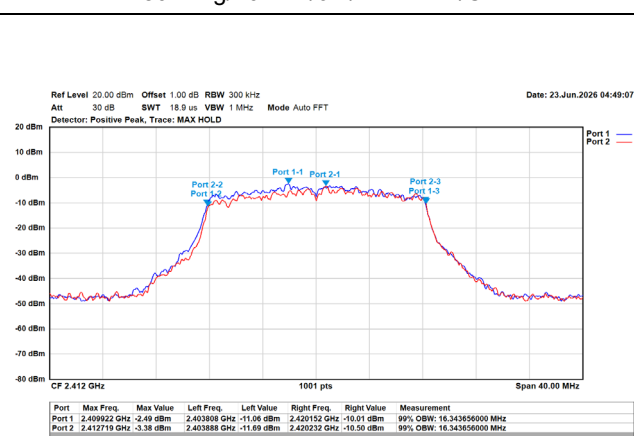
802.11b/20MHz/1M/2437MHz/Ch6



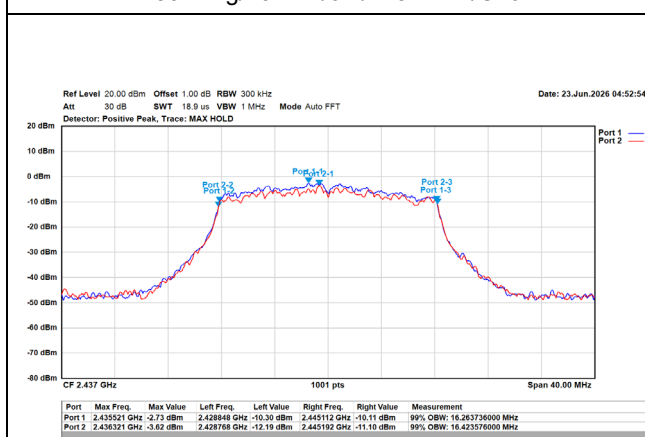
802.11b/20MHz/1M/2462MHz/Ch11



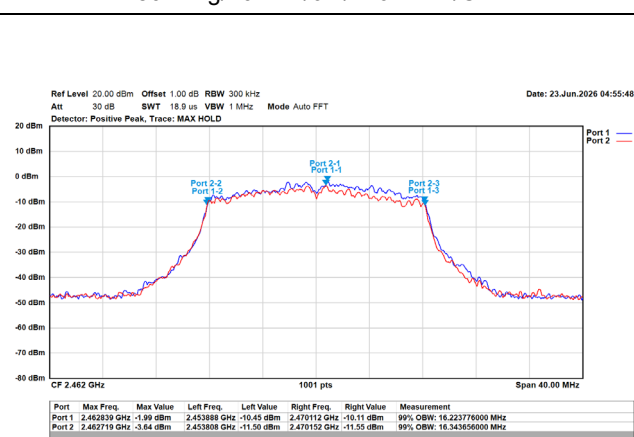
802.11g/20MHz/6M/2412MHz/Ch1



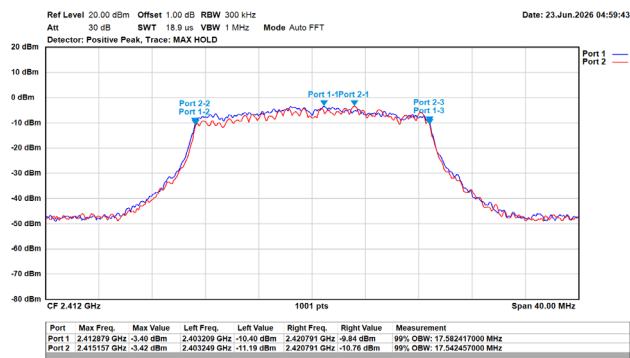
802.11g/20MHz/6M/2437MHz/Ch6



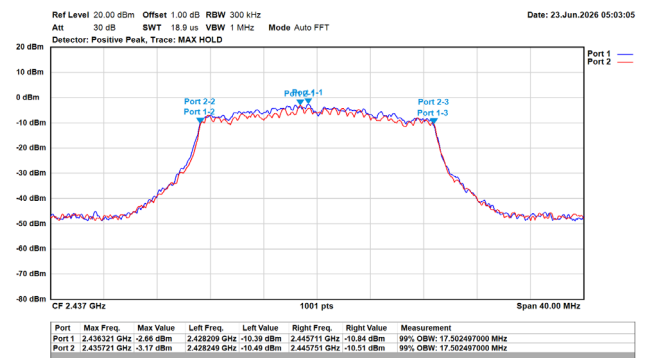
802.11g/20MHz/6M/2462MHz/Ch11



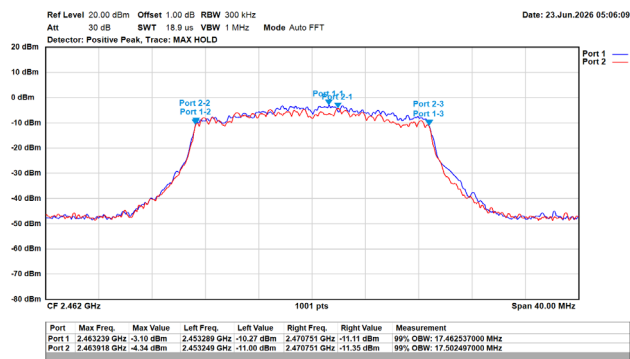
802.11ac/20MHz/MCS0/2412MHz/Ch1



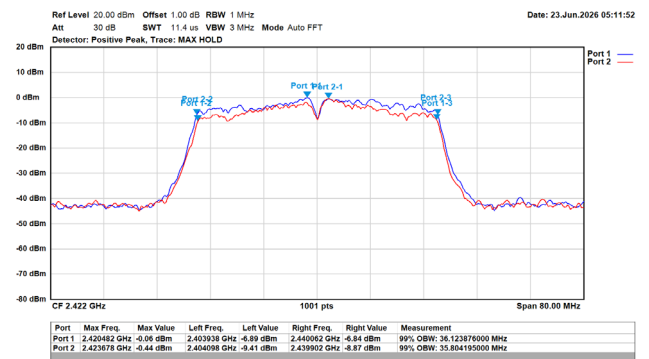
802.11ac/20MHz/MCS0/2437MHz/Ch6



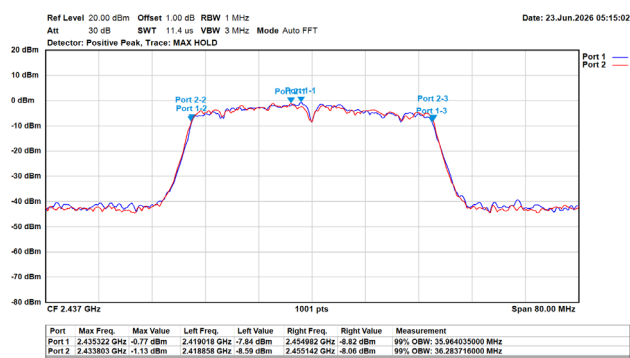
802.11ac/20MHz/MCS0/2462MHz/Ch11



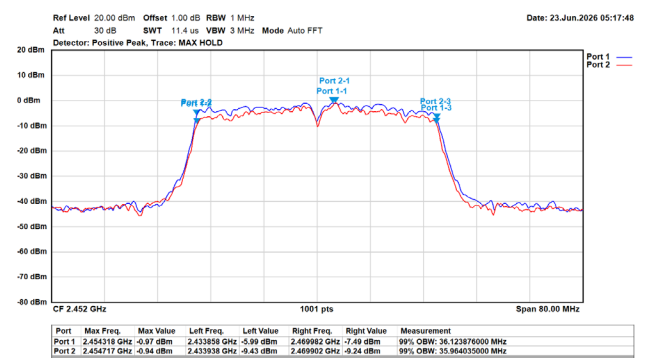
802.11ac/40MHz/MCS0/2422MHz/Ch3



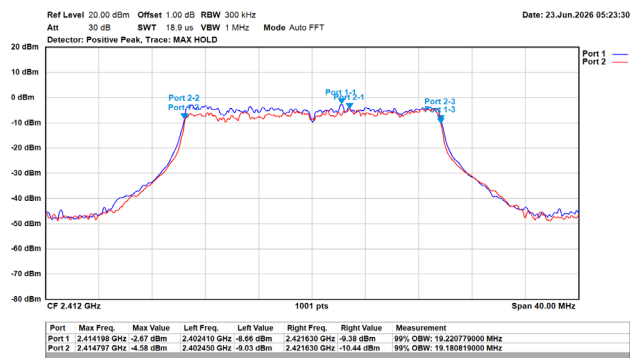
802.11ac/40MHz/MCS0/2437MHz/Ch6



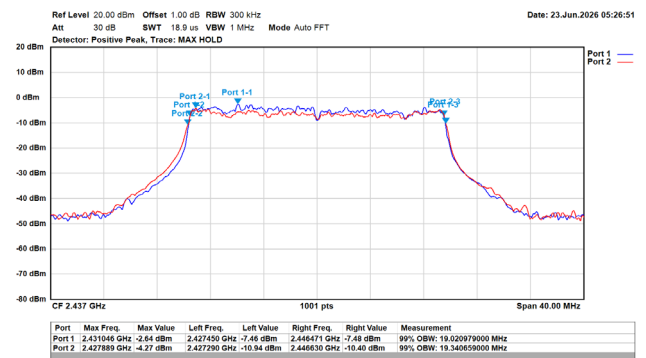
802.11ac/40MHz/MCS0/2452MHz/Ch9



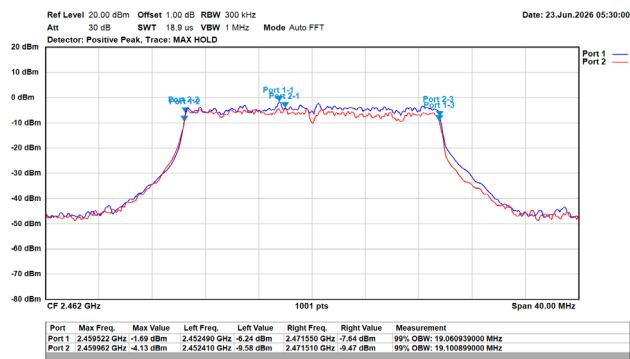
802.11ax/20MHz/MCS0/2412MHz/Ch1



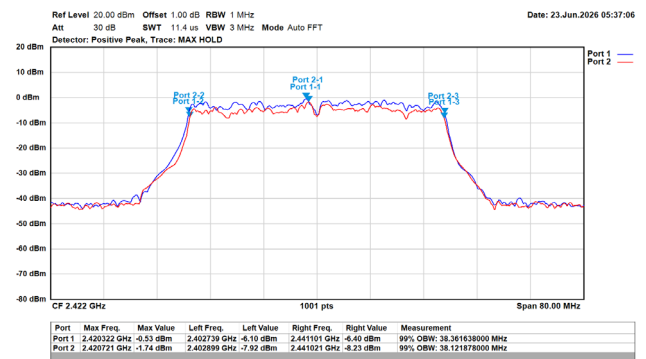
802.11ax/20MHz/MCS0/2437MHz/Ch6



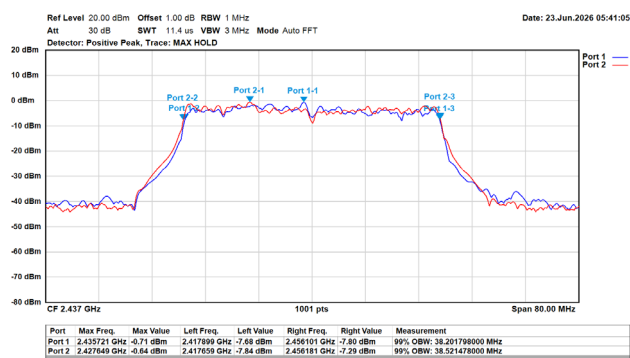
802.11ax/20MHz/MCS0/2462MHz/Ch11



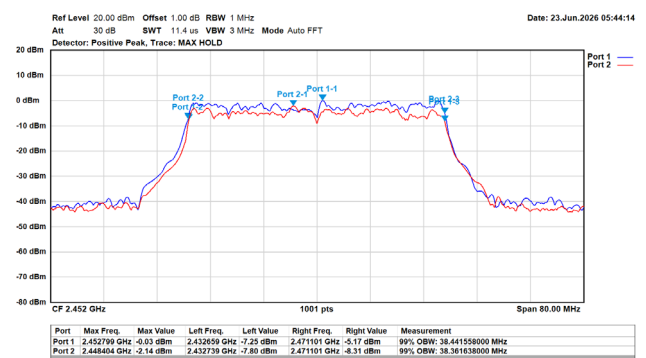
802.11ax/40MHz/MCS0/2422MHz/Ch3



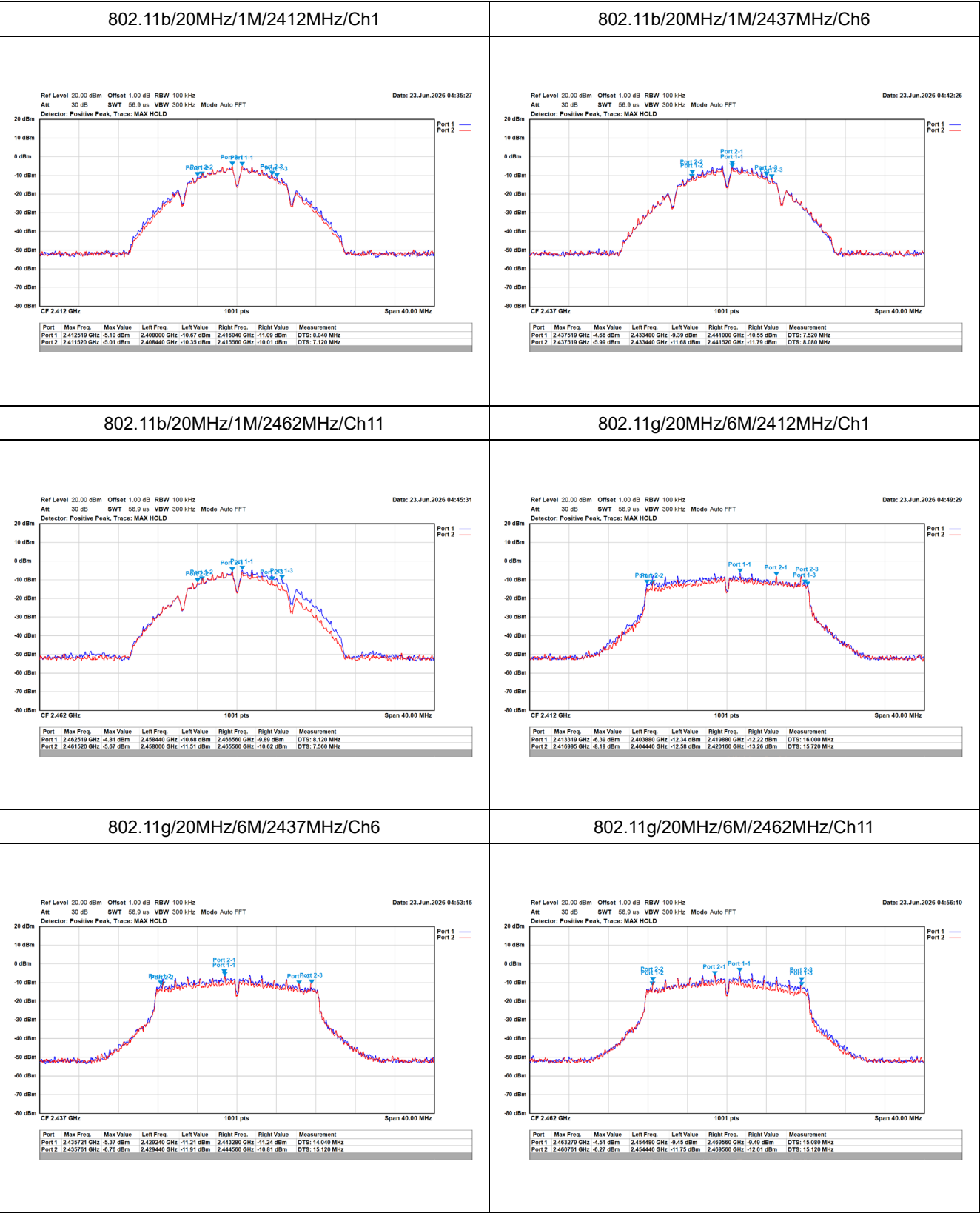
802.11ax/40MHz/MCS0/2437MHz/Ch6



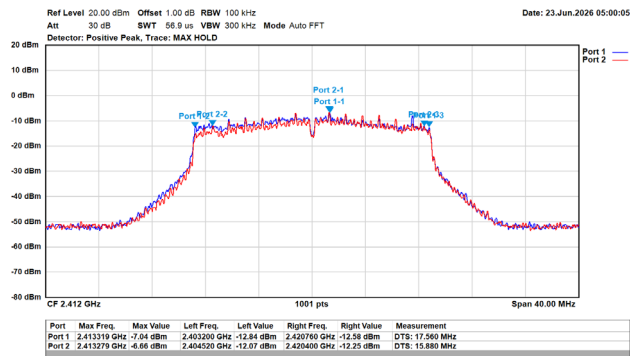
802.11ax/40MHz/MCS0/2452MHz/Ch9



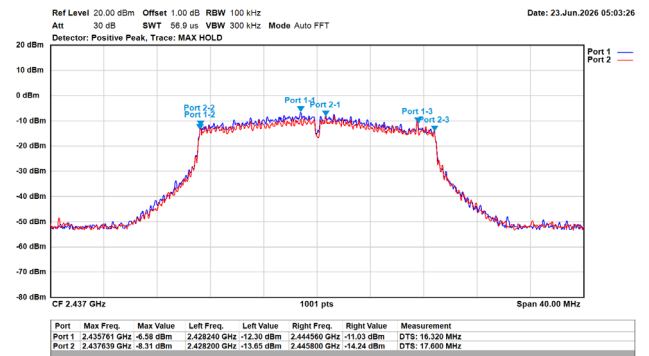
For DTS Bandwidth:



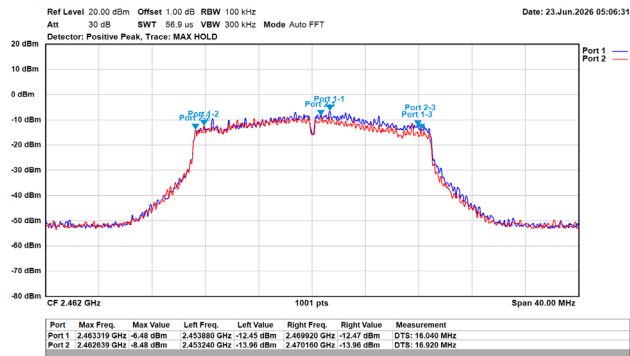
802.11ac/20MHz/MCS0/2412MHz/Ch1



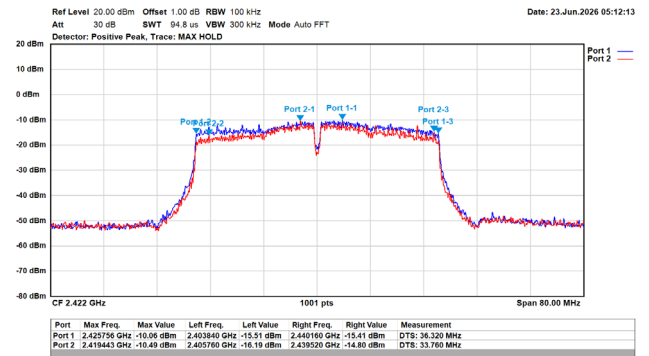
802.11ac/20MHz/MCS0/2437MHz/Ch6



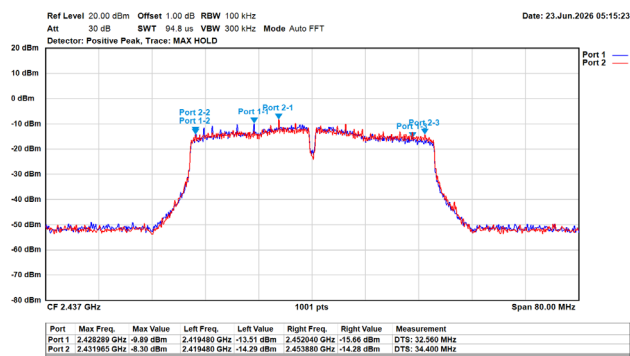
802.11ac/20MHz/MCS0/2462MHz/Ch11



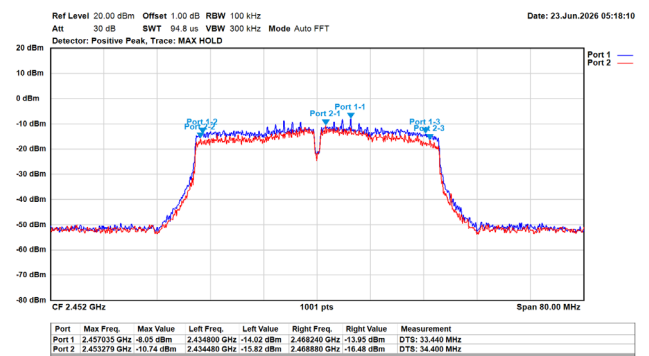
802.11ac/40MHz/MCS0/2422MHz/Ch3

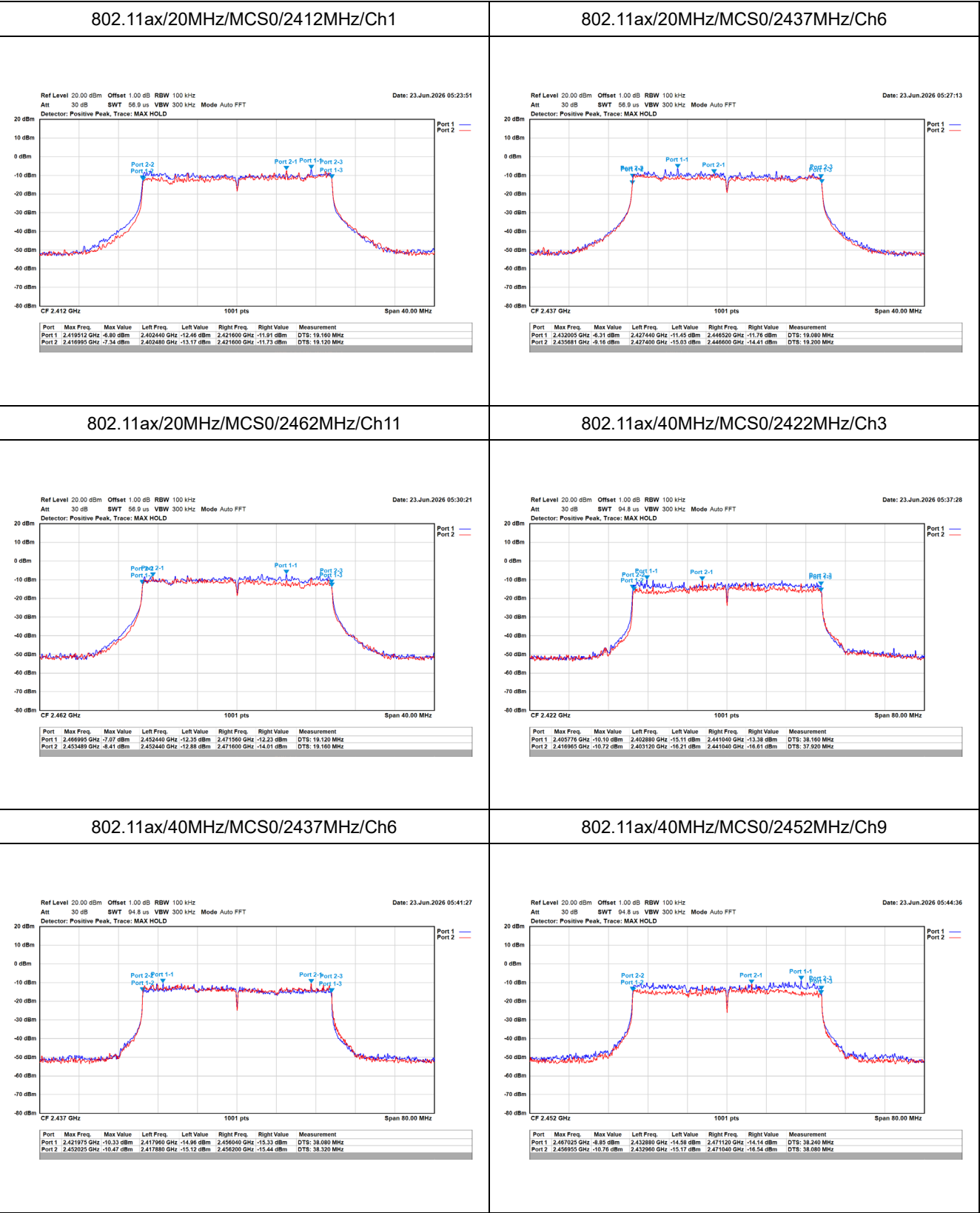


802.11ac/40MHz/MCS0/2437MHz/Ch6



802.11ac/40MHz/MCS0/2452MHz/Ch9

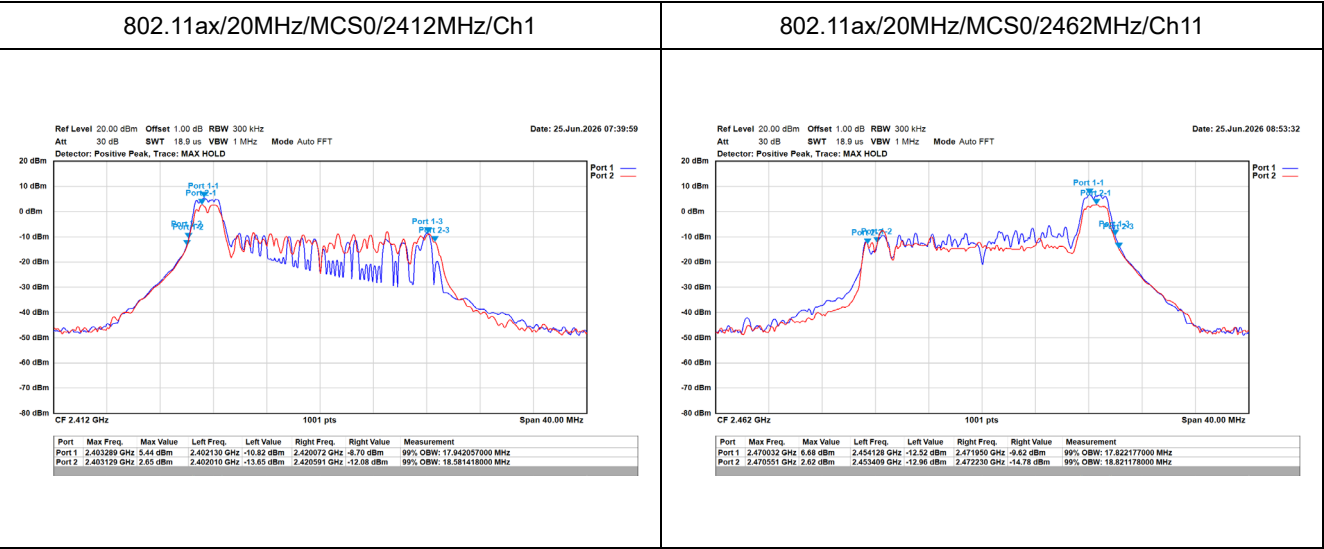




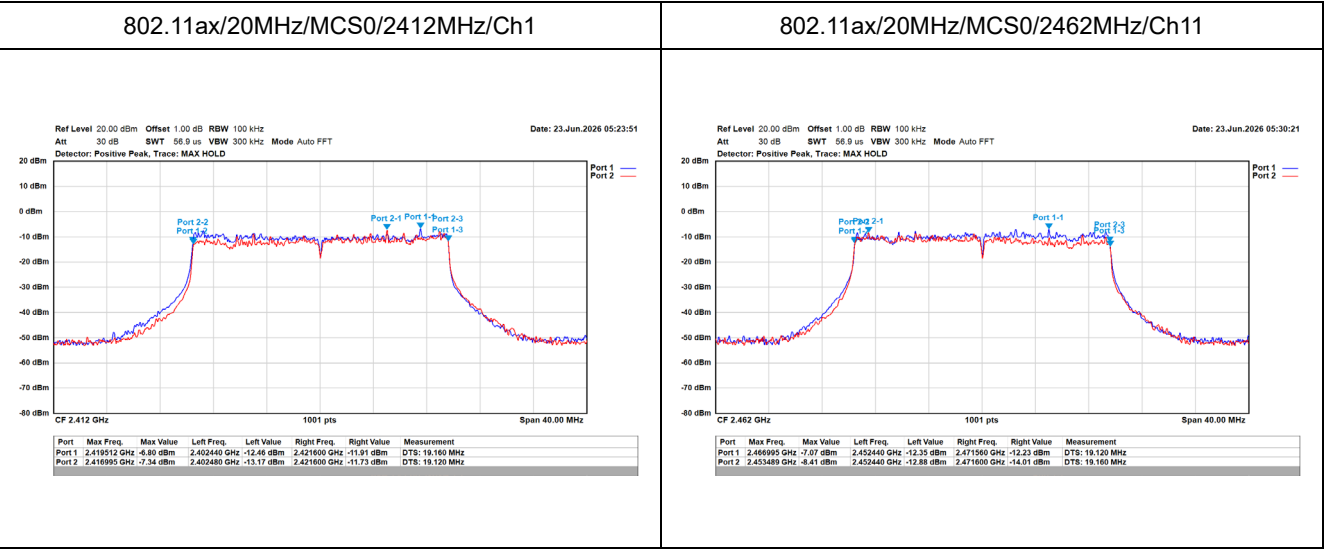
26-tone RU

| Modulation          | Frequency<br>(MHz) | 99% Occupied Bandwidth<br>(MHz) |        | DTS Bandwidth<br>(MHz) |        | Limit<br>(MHz)               |                  |
|---------------------|--------------------|---------------------------------|--------|------------------------|--------|------------------------------|------------------|
|                     |                    | Ant. 1                          | Ant. 2 | Ant. 1                 | Ant. 2 | 99%<br>Occupied<br>Bandwidth | DTS<br>Bandwidth |
| 802.11ax<br>(20MHz) | 2412               | 17.94                           | 18.58  | 19.16                  | 19.12  | -                            | $\geq 0.5$       |
|                     | 2462               | 17.82                           | 18.82  | 19.12                  | 19.16  | -                            | $\geq 0.5$       |

For 99% Occupied Bandwidth:



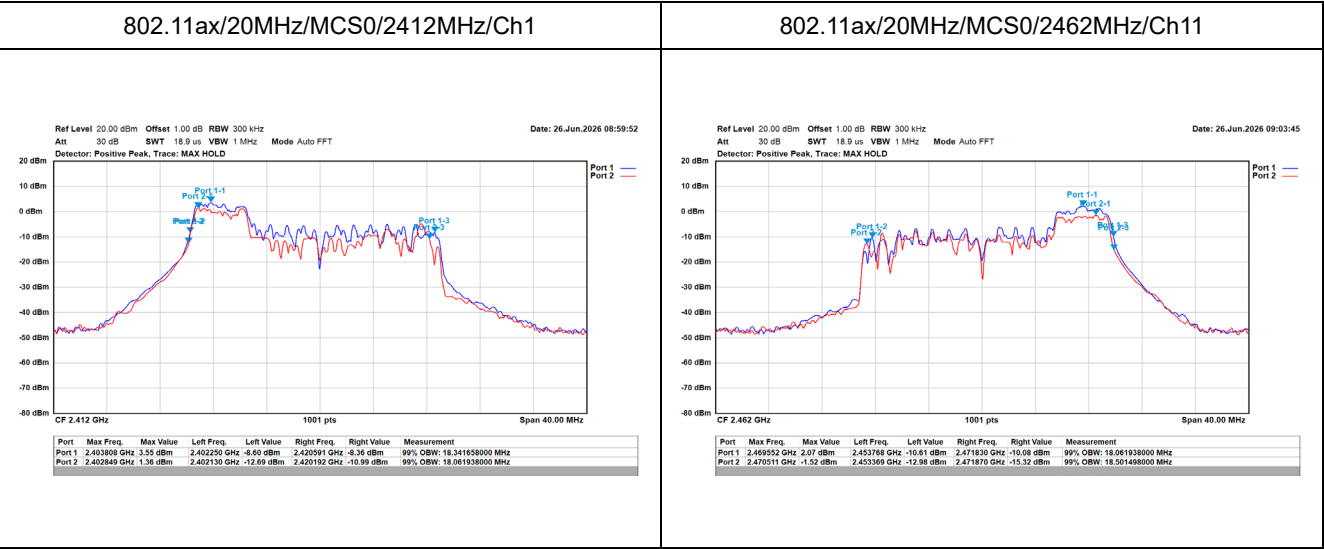
For DTS Bandwidth:



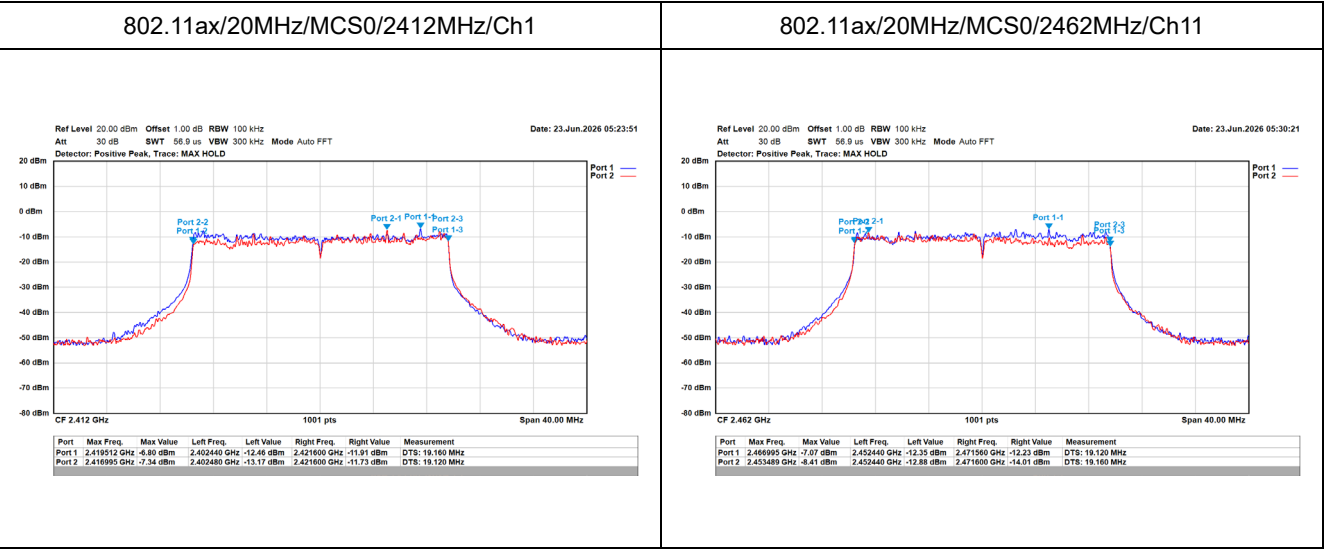
**52-tone RU**

| Modulation          | Frequency<br>(MHz) | 99% Occupied Bandwidth<br>(MHz) |        | DTS Bandwidth<br>(MHz) |        | Limit<br>(MHz)               |                  |
|---------------------|--------------------|---------------------------------|--------|------------------------|--------|------------------------------|------------------|
|                     |                    | Ant. 1                          | Ant. 2 | Ant. 1                 | Ant. 2 | 99%<br>Occupied<br>Bandwidth | DTS<br>Bandwidth |
| 802.11ax<br>(20MHz) | 2412               | 18.34                           | 18.06  | 19.16                  | 19.12  | -                            | $\geq 0.5$       |
|                     | 2462               | 18.06                           | 18.50  | 19.12                  | 19.16  | -                            | $\geq 0.5$       |

For 99% Occupied Bandwidth:



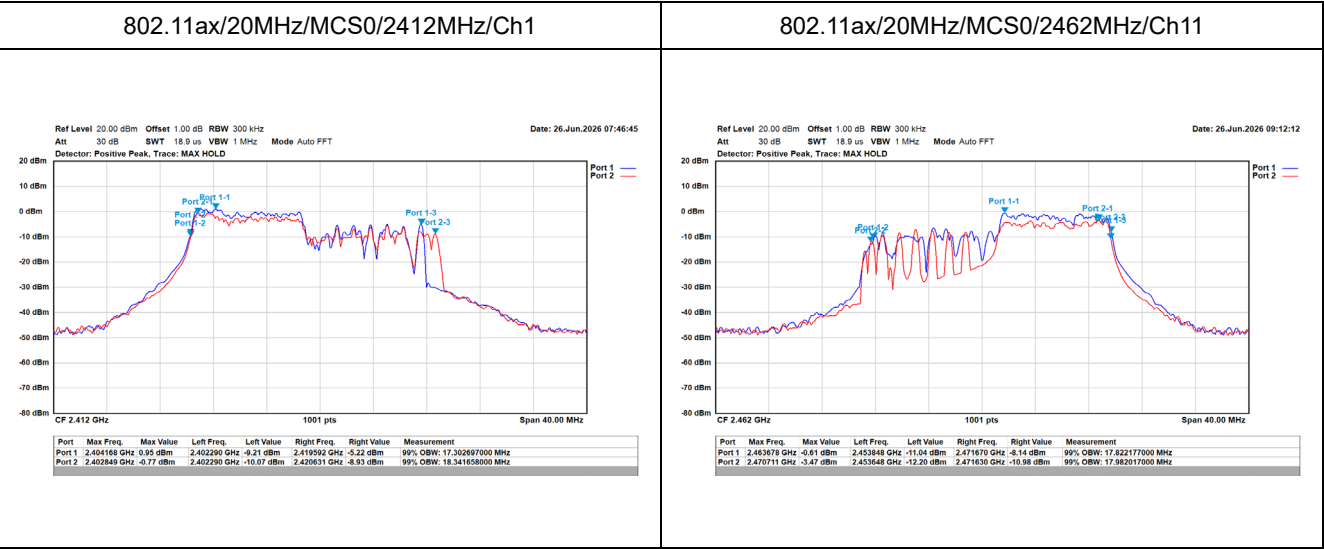
For DTS Bandwidth:



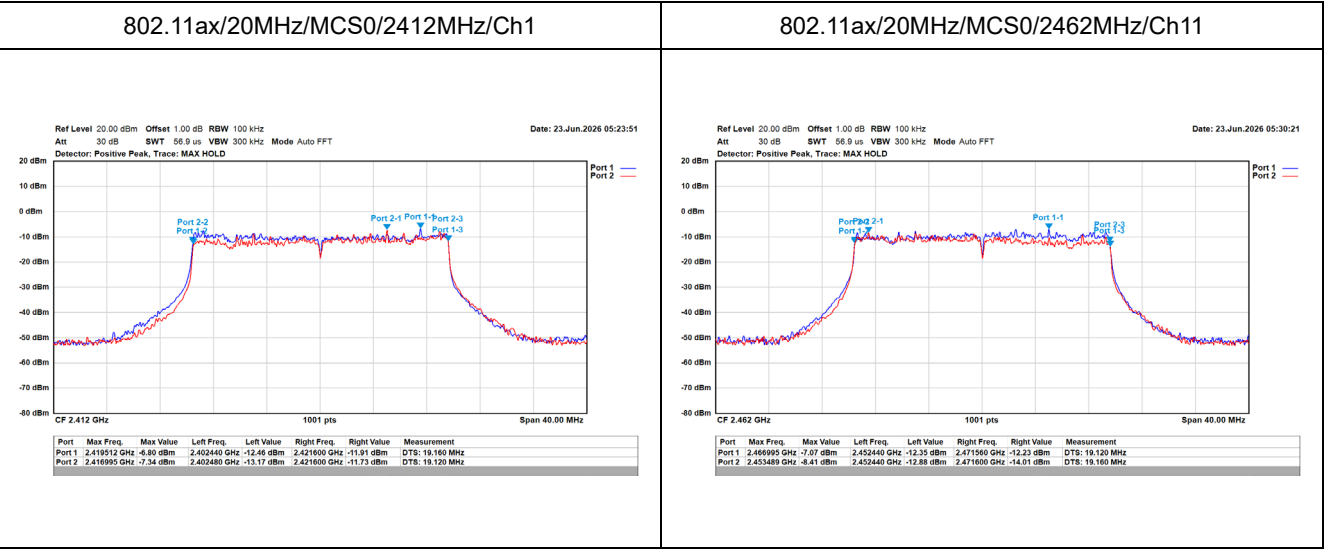
**106-tone RU**

| Modulation          | Frequency<br>(MHz) | 99% Occupied Bandwidth<br>(MHz) |        | DTS Bandwidth<br>(MHz) |        | Limit<br>(MHz)               |                  |
|---------------------|--------------------|---------------------------------|--------|------------------------|--------|------------------------------|------------------|
|                     |                    | Ant. 1                          | Ant. 2 | Ant. 1                 | Ant. 2 | 99%<br>Occupied<br>Bandwidth | DTS<br>Bandwidth |
| 802.11ax<br>(20MHz) | 2412               | 17.30                           | 18.34  | 19.16                  | 19.12  | -                            | $\geq 0.5$       |
|                     | 2462               | 17.82                           | 17.98  | 19.12                  | 19.16  | -                            | $\geq 0.5$       |

For 99% Occupied Bandwidth:



For DTS Bandwidth:



**ANT.3 Antenna**

| Modulation          | Frequency<br>(MHz) | 99% Occupied<br>Bandwidth<br>(MHz) | DTS Bandwidth<br>(MHz) | Limit<br>(MHz)            |                  |
|---------------------|--------------------|------------------------------------|------------------------|---------------------------|------------------|
|                     |                    |                                    |                        | 99% Occupied<br>Bandwidth | DTS<br>Bandwidth |
| 802.11b<br>(20MHz)  | 2412               | 13.31                              | 8.52                   | -                         | $\geq 0.5$       |
|                     | 2437               | 13.27                              | 8.08                   | -                         | $\geq 0.5$       |
|                     | 2462               | 12.91                              | 7.56                   | -                         | $\geq 0.5$       |
| 802.11g<br>(20MHz)  | 2412               | 16.34                              | 15.92                  | -                         | $\geq 0.5$       |
|                     | 2437               | 16.38                              | 16.32                  | -                         | $\geq 0.5$       |
|                     | 2462               | 16.30                              | 15.44                  | -                         | $\geq 0.5$       |
| 802.11ac<br>(20MHz) | 2412               | 17.58                              | 15.92                  | -                         | $\geq 0.5$       |
|                     | 2437               | 17.54                              | 17.56                  | -                         | $\geq 0.5$       |
|                     | 2462               | 17.50                              | 13.84                  | -                         | $\geq 0.5$       |
| 802.11ac<br>(40MHz) | 2422               | 35.72                              | 32.72                  | -                         | $\geq 0.5$       |
|                     | 2437               | 36.12                              | 36.32                  | -                         | $\geq 0.5$       |
|                     | 2452               | 35.80                              | 35.44                  | -                         | $\geq 0.5$       |
| 802.11ax<br>(20MHz) | 2412               | 19.14                              | 19.12                  | -                         | $\geq 0.5$       |
|                     | 2437               | 19.18                              | 19.12                  | -                         | $\geq 0.5$       |
|                     | 2462               | 19.10                              | 19.12                  | -                         | $\geq 0.5$       |
| 802.11ax<br>(40MHz) | 2422               | 38.04                              | 38.24                  | -                         | $\geq 0.5$       |
|                     | 2437               | 38.44                              | 38.24                  | -                         | $\geq 0.5$       |
|                     | 2452               | 38.12                              | 38.00                  | -                         | $\geq 0.5$       |