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# Appendix B.48

## LTE CA\_66B



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## 1. Effective (Isotropic) Radiated Power Output Data Test Result Ant1

| Band  | Bandwidth   | Modulation    | Channel       | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-------------|---------------|---------------|------------------|--------------|------------|-------------|---------|
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 1RB#0-0RB#0      | 21.79        | 23.19      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 50RB#0-50RB#0    | 20.63        | 22.03      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 1RB#0-0RB#0      | 21.7         | 23.1       | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 50RB#0-50RB#0    | 20.62        | 22.02      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 1RB#0-0RB#0      | 21.66        | 23.06      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 50RB#0-50RB#0    | 20.84        | 22.24      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 1RB#0-0RB#0      | 21.74        | 23.14      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 50RB#0-50RB#0    | 19.58        | 20.98      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 1RB#0-0RB#0      | 21.73        | 23.13      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 50RB#0-50RB#0    | 19.65        | 21.05      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 1RB#0-0RB#0      | 21.62        | 23.02      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 50RB#0-50RB#0    | 19.84        | 21.24      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 1RB#0-0RB#0      | 20.76        | 22.16      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 50RB#0-50RB#0    | 19.6         | 21         | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 1RB#0-0RB#0      | 20.73        | 22.13      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 50RB#0-50RB#0    | 19.88        | 21.28      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 1RB#0-0RB#0      | 20.61        | 22.01      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 50RB#0-50RB#0    | 19.93        | 21.33      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 1RB#0-0RB#0      | 17.39        | 18.79      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 50RB#0-50RB#0    | 17.77        | 19.17      | 30          | PASS    |



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|-------|-------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 1RB#0-0RB#0   | 17.66 | 19.06 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 50RB#0-50RB#0 | 17.58 | 18.98 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132523-132622 | 1RB#0-0RB#0   | 17.5  | 18.9  | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132523-132622 | 50RB#0-50RB#0 | 17.74 | 19.14 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132022-132094 | 1RB#0-0RB#0   | 21.86 | 23.26 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132022-132094 | 50RB#0-25RB#0 | 20.81 | 22.21 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132397-132469 | 1RB#0-0RB#0   | 21.6  | 23    | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132397-132469 | 50RB#0-25RB#0 | 20.69 | 22.09 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132572-132644 | 1RB#0-0RB#0   | 21.81 | 23.21 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132572-132644 | 50RB#0-25RB#0 | 20.65 | 22.05 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132022-132094 | 1RB#0-0RB#0   | 21.84 | 23.24 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132022-132094 | 50RB#0-25RB#0 | 19.56 | 20.96 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132397-132469 | 1RB#0-0RB#0   | 21.6  | 23    | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132397-132469 | 50RB#0-25RB#0 | 19.54 | 20.94 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132572-132644 | 1RB#0-0RB#0   | 21.63 | 23.03 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 16QAM-16QAM   | 132572-132644 | 50RB#0-25RB#0 | 19.69 | 21.09 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132022-132094 | 1RB#0-0RB#0   | 20.79 | 22.19 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132022-132094 | 50RB#0-25RB#0 | 19.52 | 20.92 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132397-132469 | 1RB#0-0RB#0   | 20.52 | 21.92 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132397-132469 | 50RB#0-25RB#0 | 19.72 | 21.12 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132572-132644 | 1RB#0-0RB#0   | 20.66 | 22.06 | 30 | PASS |
| 66-66 | 10MHz-5MHz  | 64QAM-64QAM   | 132572-132644 | 50RB#0-25RB#0 | 19.71 | 21.11 | 30 | PASS |
| 66-66 | 10MHz-      | 256QAM-       | 132022-       | 1RB#0-0RB#0   | 17.39 | 18.79 | 30 | PASS |



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|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
|       | 5MHz       | 256QAM        | 132094        |               |       |       |    |      |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 50RB#0-25RB#0 | 17.58 | 18.98 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 1RB#0-0RB#0   | 17.68 | 19.08 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 50RB#0-25RB#0 | 17.85 | 19.25 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 1RB#0-0RB#0   | 17.5  | 18.9  | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 50RB#0-25RB#0 | 17.68 | 19.08 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 1RB#0-0RB#0   | 22.13 | 23.53 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 75RB#0-25RB#0 | 20.52 | 21.92 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 1RB#0-0RB#0   | 22.11 | 23.51 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 75RB#0-25RB#0 | 20.88 | 22.28 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 1RB#0-0RB#0   | 22.14 | 23.54 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 75RB#0-25RB#0 | 20.84 | 22.24 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 1RB#0-0RB#0   | 21.95 | 23.35 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 75RB#0-25RB#0 | 19.83 | 21.23 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 1RB#0-0RB#0   | 22.08 | 23.48 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 75RB#0-25RB#0 | 19.76 | 21.16 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 1RB#0-0RB#0   | 21.97 | 23.37 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 75RB#0-25RB#0 | 19.87 | 21.27 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 1RB#0-0RB#0   | 20.89 | 22.29 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 75RB#0-25RB#0 | 19.67 | 21.07 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 1RB#0-0RB#0   | 20.88 | 22.28 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 75RB#0-25RB#0 | 19.75 | 21.15 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 1RB#0-0RB#0   | 21.17 | 22.57 | 30 | PASS |



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| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 75RB#0-25RB#0 | 19.94 | 21.34 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 1RB#0-0RB#0   | 17.86 | 19.26 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 75RB#0-25RB#0 | 17.54 | 18.94 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 1RB#0-0RB#0   | 17.92 | 19.32 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 75RB#0-25RB#0 | 17.99 | 19.39 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 1RB#0-0RB#0   | 17.8  | 19.2  | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 75RB#0-25RB#0 | 17.95 | 19.35 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 1RB#0-0RB#0   | 21.51 | 22.91 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 25RB#0-50RB#0 | 20.58 | 21.98 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 1RB#0-0RB#0   | 21.71 | 23.11 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 25RB#0-50RB#0 | 20.81 | 22.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132550-132622 | 1RB#0-0RB#0   | 21.63 | 23.03 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132550-132622 | 25RB#0-50RB#0 | 20.5  | 21.9  | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132000-132072 | 1RB#0-0RB#0   | 21.48 | 22.88 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132000-132072 | 25RB#0-50RB#0 | 19.55 | 20.95 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132375-132447 | 1RB#0-0RB#0   | 21.71 | 23.11 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132375-132447 | 25RB#0-50RB#0 | 19.84 | 21.24 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132550-132622 | 1RB#0-0RB#0   | 21.6  | 23    | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132550-132622 | 25RB#0-50RB#0 | 19.59 | 20.99 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132000-132072 | 1RB#0-0RB#0   | 20.38 | 21.78 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132000-132072 | 25RB#0-50RB#0 | 19.72 | 21.12 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132375-132447 | 1RB#0-0RB#0   | 20.81 | 22.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132375-132447 | 25RB#0-50RB#0 | 19.82 | 21.22 | 30 | PASS |



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|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
|       | 10MHz      |               | 132447        | 50RB#0        |       |       |    |      |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132550-132622 | 1RB#0-0RB#0   | 20.51 | 21.91 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132550-132622 | 25RB#0-50RB#0 | 19.81 | 21.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132000-132072 | 1RB#0-0RB#0   | 17.56 | 18.96 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132000-132072 | 25RB#0-50RB#0 | 17.72 | 19.12 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132375-132447 | 1RB#0-0RB#0   | 17.59 | 18.99 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132375-132447 | 25RB#0-50RB#0 | 17.61 | 19.01 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132550-132622 | 1RB#0-0RB#0   | 17.42 | 18.82 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132550-132622 | 25RB#0-50RB#0 | 17.78 | 19.18 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132002-132095 | 1RB#0-0RB#0   | 21.69 | 23.09 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132002-132095 | 25RB#0-75RB#0 | 20.36 | 21.76 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 1RB#0-0RB#0   | 21.88 | 23.28 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 25RB#0-75RB#0 | 20.65 | 22.05 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 1RB#0-0RB#0   | 21.75 | 23.15 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 25RB#0-75RB#0 | 20.7  | 22.1  | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 1RB#0-0RB#0   | 21.62 | 23.02 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 25RB#0-75RB#0 | 19.63 | 21.03 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 1RB#0-0RB#0   | 21.77 | 23.17 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 25RB#0-75RB#0 | 19.66 | 21.06 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 1RB#0-0RB#0   | 21.47 | 22.87 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 25RB#0-75RB#0 | 19.63 | 21.03 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 1RB#0-0RB#0   | 20.56 | 21.96 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 25RB#0-75RB#0 | 19.55 | 20.95 | 30 | PASS |



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|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 1RB#0-0RB#0   | 20.77 | 22.17 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 25RB#0-75RB#0 | 19.58 | 20.98 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 1RB#0-0RB#0   | 20.87 | 22.27 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 25RB#0-75RB#0 | 19.71 | 21.11 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 1RB#0-0RB#0   | 17.29 | 18.69 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 25RB#0-75RB#0 | 17.35 | 18.75 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 1RB#0-0RB#0   | 17.46 | 18.86 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 25RB#0-75RB#0 | 17.51 | 18.91 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 1RB#0-0RB#0   | 17.54 | 18.94 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 25RB#0-75RB#0 | 17.78 | 19.18 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 131997-132045 | 1RB#0-0RB#0   | 21.74 | 23.14 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 131997-132045 | 25RB#0-25RB#0 | 20.57 | 21.97 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132398-132446 | 1RB#0-0RB#0   | 21.91 | 23.31 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132398-132446 | 25RB#0-25RB#0 | 20.6  | 22    | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132599-132647 | 1RB#0-0RB#0   | 21.9  | 23.3  | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132599-132647 | 25RB#0-25RB#0 | 20.57 | 21.97 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 131997-132045 | 1RB#0-0RB#0   | 21.56 | 22.96 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 131997-132045 | 25RB#0-25RB#0 | 19.49 | 20.89 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132398-132446 | 1RB#0-0RB#0   | 21.89 | 23.29 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132398-132446 | 25RB#0-25RB#0 | 19.55 | 20.95 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132599-132647 | 1RB#0-0RB#0   | 21.56 | 22.96 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132599-132647 | 25RB#0-25RB#0 | 19.57 | 20.97 | 30 | PASS |
| 66-66 | 5MHz-      | 64QAM-64QAM   | 131997-       | 1RB#0-0RB#0   | 20.66 | 22.06 | 30 | PASS |



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|-------|-----------|---------------|---------------|---------------|-------|-------|----|------|
|       | 5MHz      |               | 132045        |               |       |       |    |      |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 131997-132045 | 25RB#0-25RB#0 | 19.73 | 21.13 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132398-132446 | 1RB#0-0RB#0   | 20.92 | 22.32 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132398-132446 | 25RB#0-25RB#0 | 19.83 | 21.23 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132599-132647 | 1RB#0-0RB#0   | 20.75 | 22.15 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132599-132647 | 25RB#0-25RB#0 | 19.65 | 21.05 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 131997-132045 | 1RB#0-0RB#0   | 17.64 | 19.04 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 131997-132045 | 25RB#0-25RB#0 | 17.63 | 19.03 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132398-132446 | 1RB#0-0RB#0   | 17.58 | 18.98 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132398-132446 | 25RB#0-25RB#0 | 17.65 | 19.05 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132599-132647 | 1RB#0-0RB#0   | 17.67 | 19.07 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132599-132647 | 25RB#0-25RB#0 | 17.86 | 19.26 | 30 | PASS |



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## 2. 99% & 26dB Bandwidth

### 2.1 CA\_66B\_NTNV\_OBW

#### 2.1.1 Test Result

| Band: CA_66B / NTNv |                                |                    |                  |                              |       |         |
|---------------------|--------------------------------|--------------------|------------------|------------------------------|-------|---------|
| BW<br>(MHz)         | Modulation                     | Frequency<br>(MHz) | RB<br>Allocation | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                     |                                |                    |                  | Sum                          | Limit |         |
| CC1:5<br>CC2:5      | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:1712.5         | CC1: 25@0        | 9.26                         | /     | Pass    |
|                     |                                | CC2:1717.3         | CC2: 25@0        |                              |       |         |
|                     | CC1:1772.7<br>CC2:1777.5       | CC1: 25@0          | CC1: 25@0        | 9.34                         | /     | Pass    |
|                     |                                | CC2: 25@0          | CC2: 25@0        |                              |       |         |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:1712.5         | CC1: 25@0        | 9.29                         | /     | Pass    |
|                     |                                | CC2:1717.3         | CC2: 25@0        |                              |       |         |
|                     | CC1:1772.7<br>CC2:1777.5       | CC1: 25@0          | CC1: 25@0        | 9.33                         | /     | Pass    |
|                     |                                | CC2: 25@0          | CC2: 25@0        |                              |       |         |
|                     | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:1712.5         | CC1: 25@0        | 9.26                         | /     | Pass    |
|                     |                                | CC2:1717.3         | CC2: 25@0        |                              |       |         |
| CC1:5<br>CC2:10     | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:1712.5         | CC1: 25@0        | 13.90                        | /     | Pass    |
|                     |                                | CC2:1719.7         | CC2: 50@0        |                              |       |         |
|                     | CC1:1767.8<br>CC2:1775         | CC1: 25@0          | CC1: 25@0        | 13.98                        | /     | Pass    |
|                     |                                | CC2: 50@0          | CC2: 50@0        |                              |       |         |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:1712.5         | CC1: 25@0        | 13.95                        | /     | Pass    |
|                     |                                | CC2:1719.7         | CC2: 50@0        |                              |       |         |
|                     | CC1:1767.8<br>CC2:1775         | CC1: 25@0          | CC1: 25@0        | 13.96                        | /     | Pass    |
|                     |                                | CC2: 50@0          | CC2: 50@0        |                              |       |         |
|                     | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:1712.5         | CC1: 25@0        | 13.88                        | /     | Pass    |
|                     |                                | CC2:1719.7         | CC2: 50@0        |                              |       |         |
| CC1:5<br>CC2:15     | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:1712.5         | CC1: 25@0        | 18.28                        | /     | Pass    |
|                     |                                | CC2:1721.8         | CC2: 75@0        |                              |       |         |
|                     | CC1:1763.2<br>CC2:1772.5       | CC1: 25@0          | CC1: 25@0        | 18.16                        | /     | Pass    |
|                     |                                | CC2: 75@0          | CC2: 75@0        |                              |       |         |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:1712.5         | CC1: 25@0        | 18.33                        | /     | Pass    |
|                     |                                | CC2:1721.8         | CC2: 75@0        |                              |       |         |
|                     | CC1:1763.2<br>CC2:1772.5       | CC1: 25@0          | CC1: 25@0        | 18.09                        | /     | Pass    |
|                     |                                | CC2: 75@0          | CC2: 75@0        |                              |       |         |
| CC1:<br>16QAM       | CC1:<br>16QAM                  | CC1:1712.5         | CC1: 25@0        | 18.29                        | /     | Pass    |
|                     |                                | CC2:1721.8         | CC2: 75@0        |                              |       |         |



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|                  | 64QAM  | CC2:1721.8 | CC2: 75@0 |       |   |      |
|                  | CC2:   | CC1:1763.2 | CC1: 25@0 | 18.14 | / | Pass |
|                  | 64QAM  | CC2:1772.5 | CC2: 75@0 |       |   |      |
|                  | CC1:   | CC1:1712.5 | CC1: 25@0 | 18.34 | / | Pass |
|                  | 256QAM | CC2:1721.8 | CC2: 75@0 |       |   |      |
|                  | CC2:   | CC1:1763.2 | CC1: 25@0 | 18.22 | / | Pass |
|                  | 256QAM | CC2:1772.5 | CC2: 75@0 |       |   |      |
|                  | CC1:   | CC1:1715   | CC1: 50@0 | 13.92 | / | Pass |
| CC1:10<br>CC2:5  | QPSK   | CC2:1722.2 | CC2: 25@0 | 13.98 | / | Pass |
|                  | CC2:   | CC1:1770.3 | CC1: 50@0 | 13.93 | / | Pass |
|                  | QPSK   | CC2:1777.5 | CC2: 25@0 | 13.97 | / | Pass |
|                  | CC1:   | CC1:1715   | CC1: 50@0 | 13.96 | / | Pass |
|                  | 16QAM  | CC2:1722.2 | CC2: 25@0 | 13.93 | / | Pass |
|                  | CC2:   | CC1:1770.3 | CC1: 50@0 | 13.96 | / | Pass |
|                  | 16QAM  | CC2:1777.5 | CC2: 25@0 | 13.93 | / | Pass |
|                  | CC1:   | CC1:1715   | CC1: 50@0 | 13.88 | / | Pass |
|                  | 64QAM  | CC2:1722.2 | CC2: 25@0 | 13.96 | / | Pass |
|                  | CC2:   | CC1:1770.3 | CC1: 50@0 | 13.96 | / | Pass |
|                  | 64QAM  | CC2:1777.5 | CC2: 25@0 | 13.96 | / | Pass |
|                  | 256QAM | CC2:1777.5 | CC2: 25@0 | 13.96 | / | Pass |
| CC1:10<br>CC2:10 | CC1:   | CC1:1715   | CC1: 50@0 | 18.87 | / | Pass |
|                  | QPSK   | CC2:1724.9 | CC2: 50@0 | 18.94 | / | Pass |
|                  | CC2:   | CC1:1765.1 | CC1: 50@0 | 18.90 | / | Pass |
|                  | QPSK   | CC2:1775   | CC2: 50@0 | 18.94 | / | Pass |
|                  | CC1:   | CC1:1715   | CC1: 50@0 | 18.90 | / | Pass |
|                  | 16QAM  | CC2:1724.9 | CC2: 50@0 | 18.94 | / | Pass |
|                  | CC2:   | CC1:1765.1 | CC1: 50@0 | 18.86 | / | Pass |
|                  | 16QAM  | CC2:1775   | CC2: 50@0 | 18.93 | / | Pass |
|                  | CC1:   | CC1:1715   | CC1: 50@0 | 18.83 | / | Pass |
|                  | 64QAM  | CC2:1724.9 | CC2: 50@0 | 18.90 | / | Pass |
|                  | CC2:   | CC1:1765.1 | CC1: 50@0 | 18.90 | / | Pass |
|                  | 256QAM | CC2:1775   | CC2: 50@0 | 18.90 | / | Pass |
| CC1:15<br>CC2:5  | CC1:   | CC1:1717.5 | CC1: 75@0 | 18.37 | / | Pass |
|                  | QPSK   | CC2:1726.8 | CC2: 25@0 | 18.20 | / | Pass |
|                  | CC2:   | CC1:1768.2 | CC1: 75@0 | 18.30 | / | Pass |
|                  | QPSK   | CC2:1777.5 | CC2: 25@0 | 18.19 | / | Pass |
|                  | CC1:   | CC1:1717.5 | CC1: 75@0 | 18.31 | / | Pass |
|                  | 16QAM  | CC2:1726.8 | CC2: 25@0 | 18.22 | / | Pass |
|                  | CC2:   | CC1:1768.2 | CC1: 75@0 |       |   |      |
|                  | 64QAM  |            |           |       |   |      |



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|--|----------------|------------|-----------|-------|---|------|
|  |                | CC2:1777.5 | CC2: 25@0 |       |   |      |
|  | CC1:<br>256QAM | CC1:1717.5 | CC1: 75@0 | 18.32 | / | Pass |
|  | CC2:<br>256QAM | CC2:1726.8 | CC2: 25@0 |       |   |      |
|  |                | CC1:1768.2 | CC1: 75@0 | 18.28 | / | Pass |
|  |                | CC2:1777.5 | CC2: 25@0 |       |   |      |



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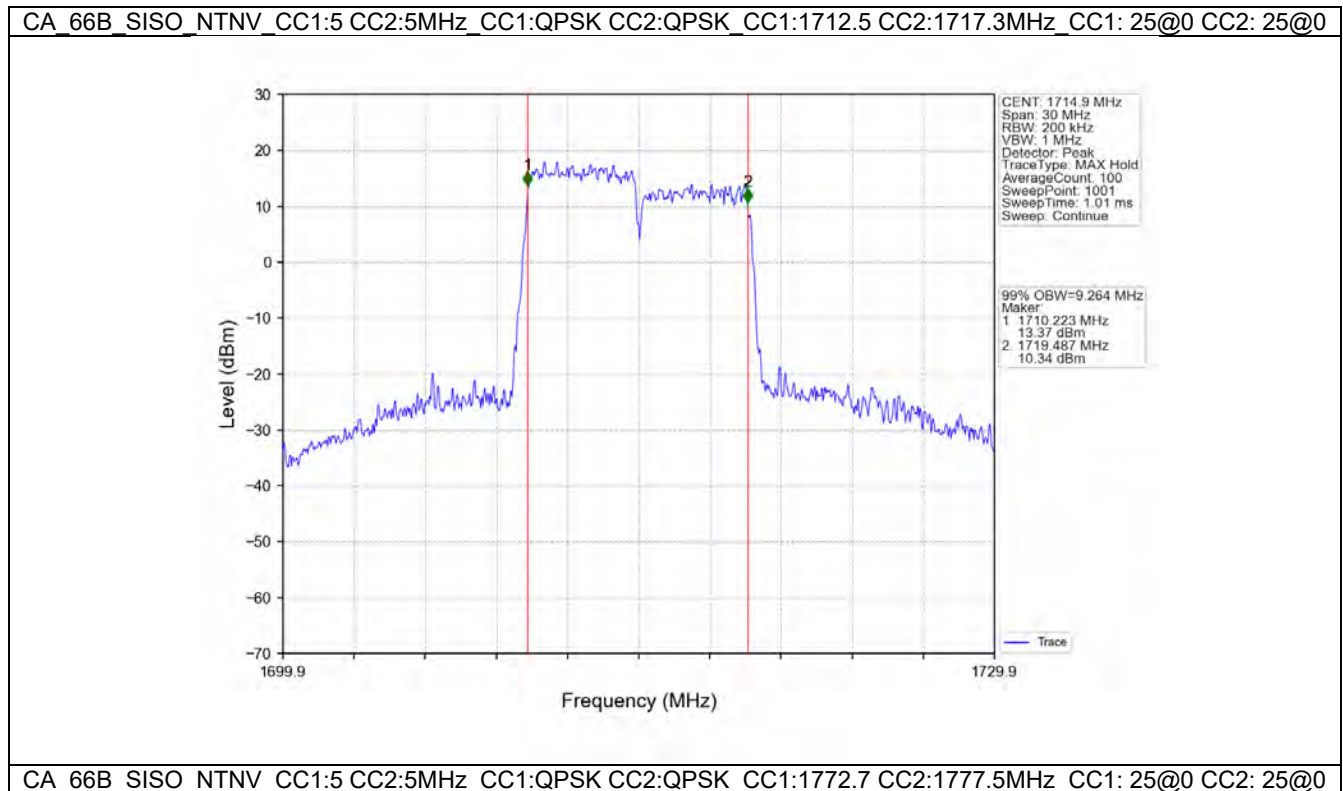
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### 2.1.2 Test Graph



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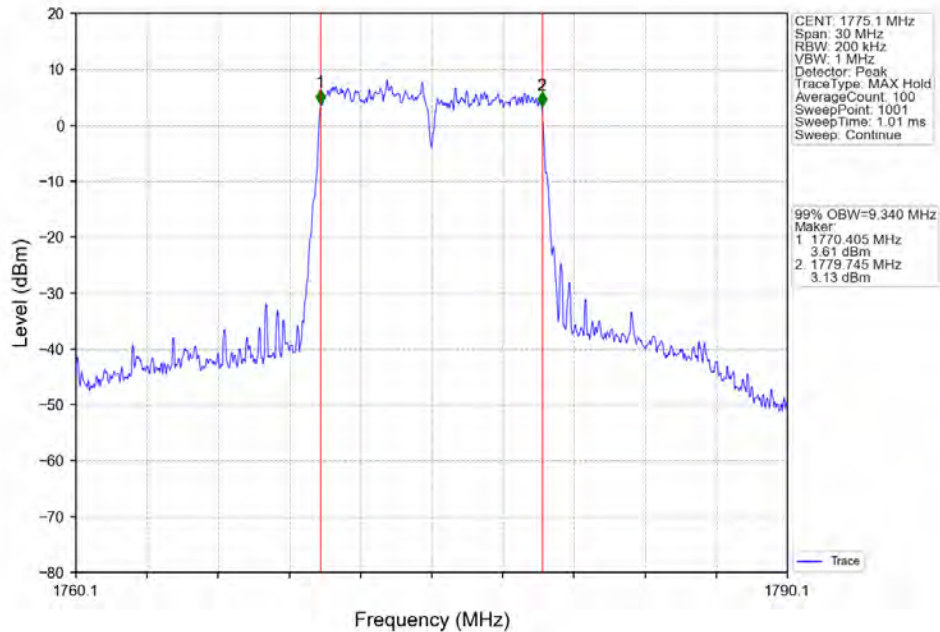
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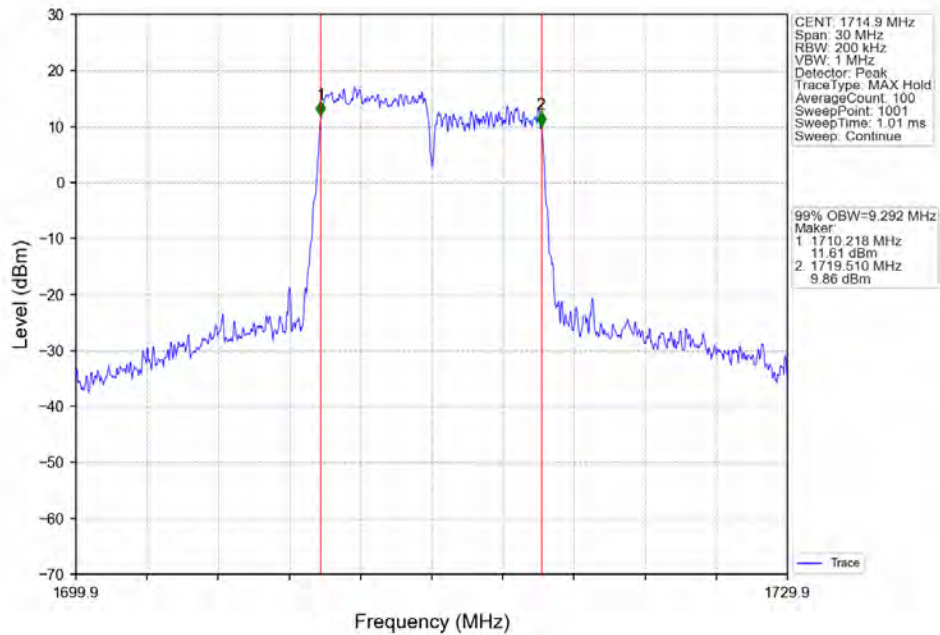
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1772.7 CC2:1777.5MHz\_CC1: 25@0 CC2: 25@0



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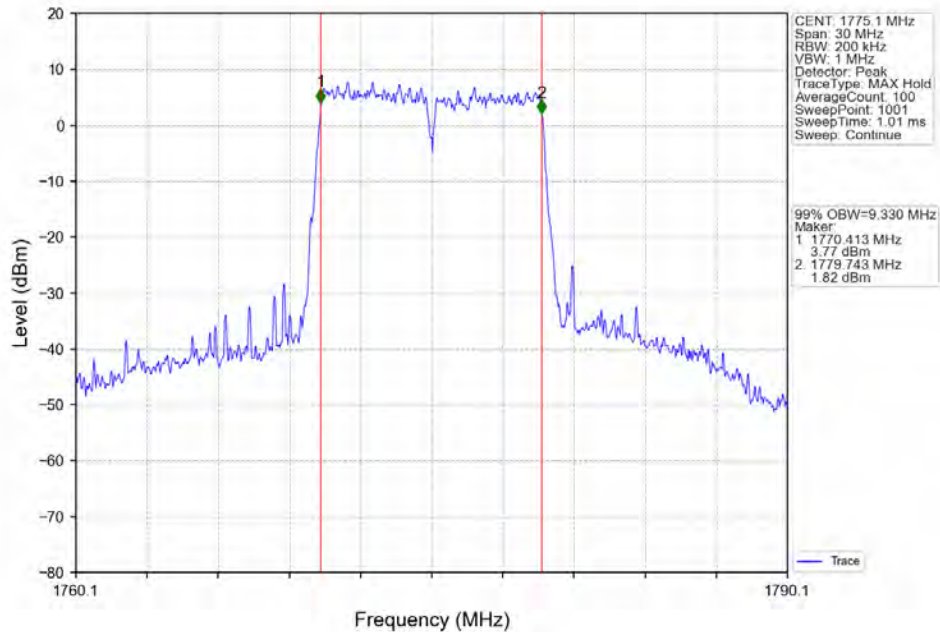
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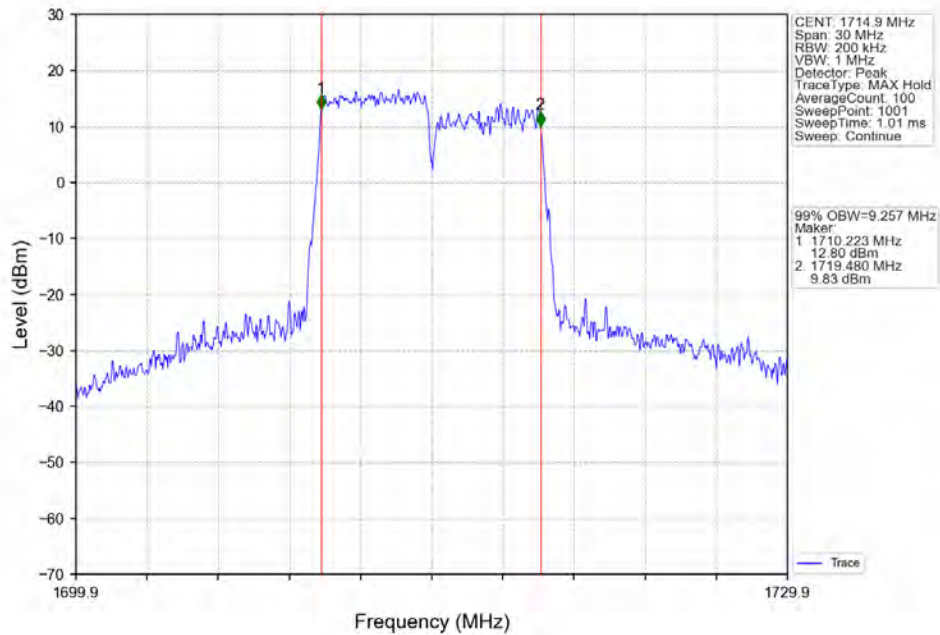
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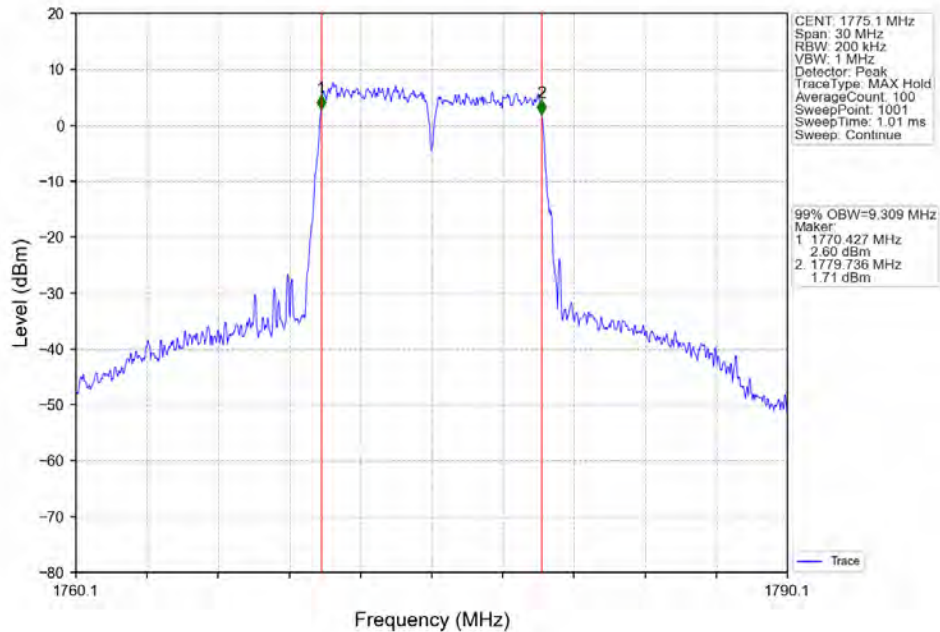
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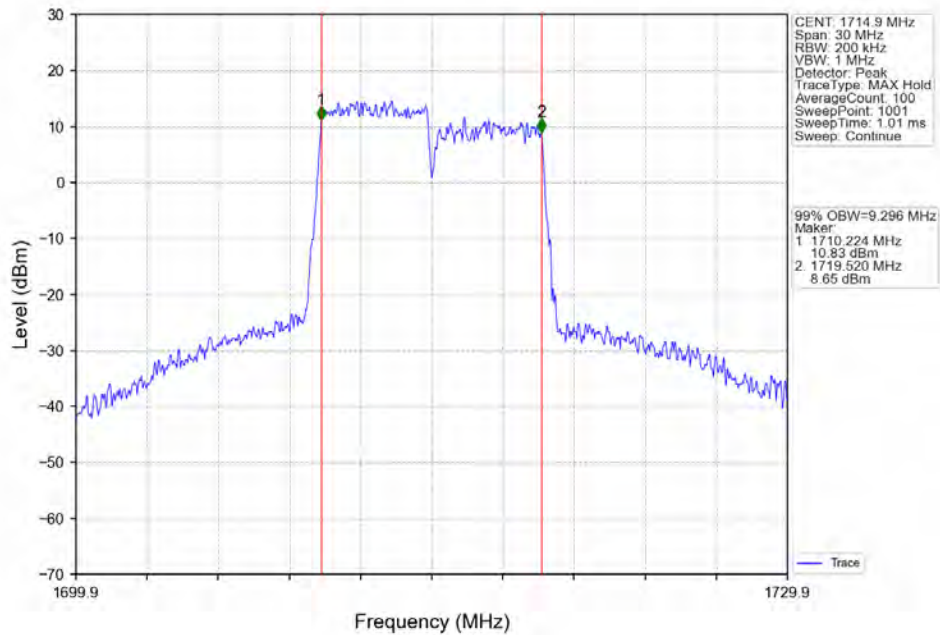
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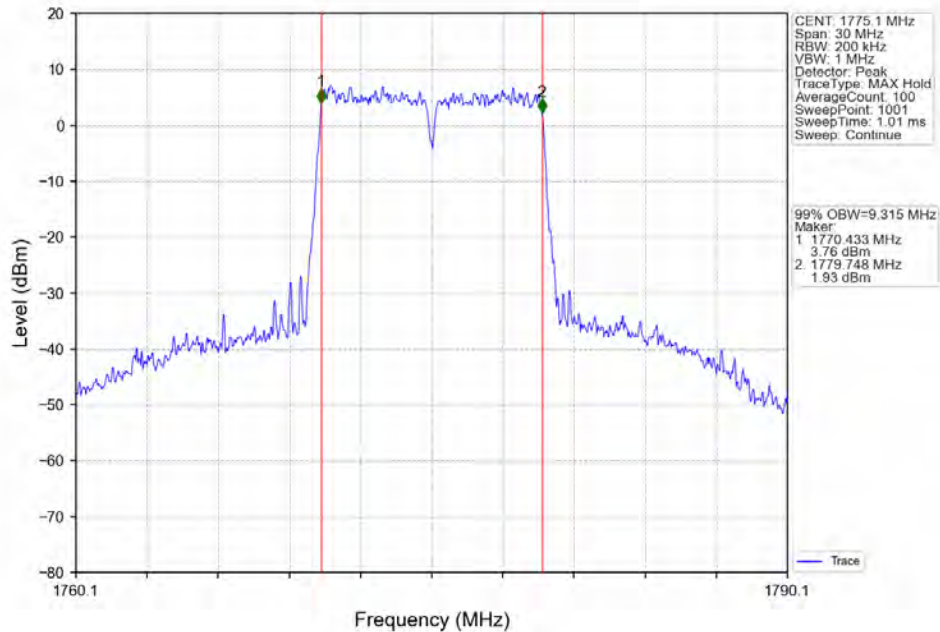
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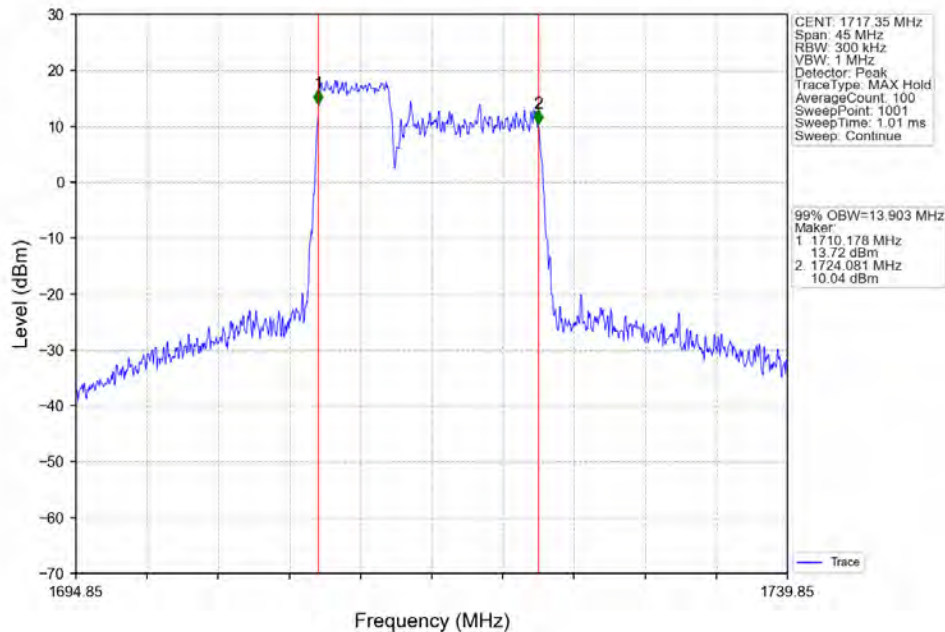
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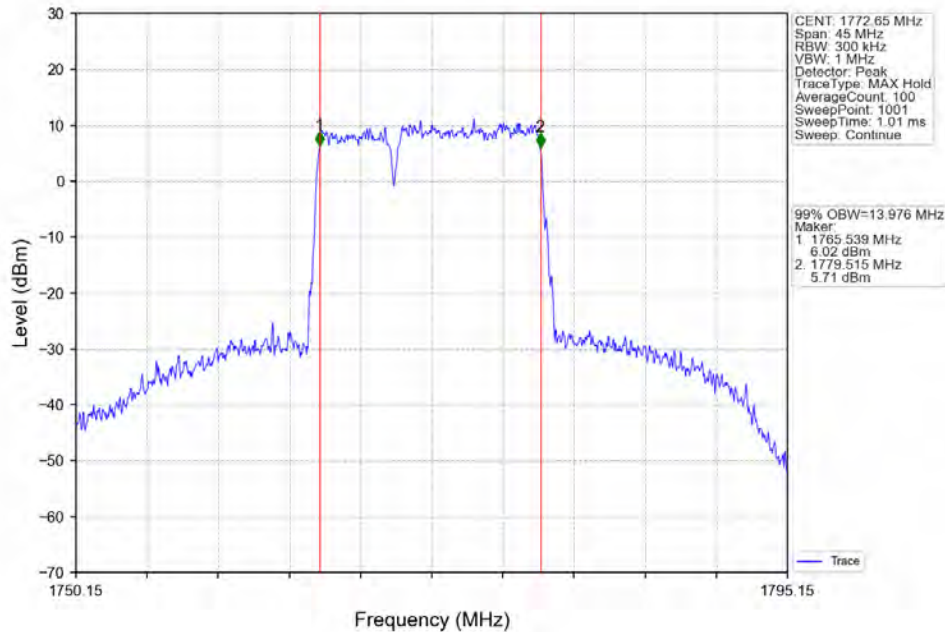
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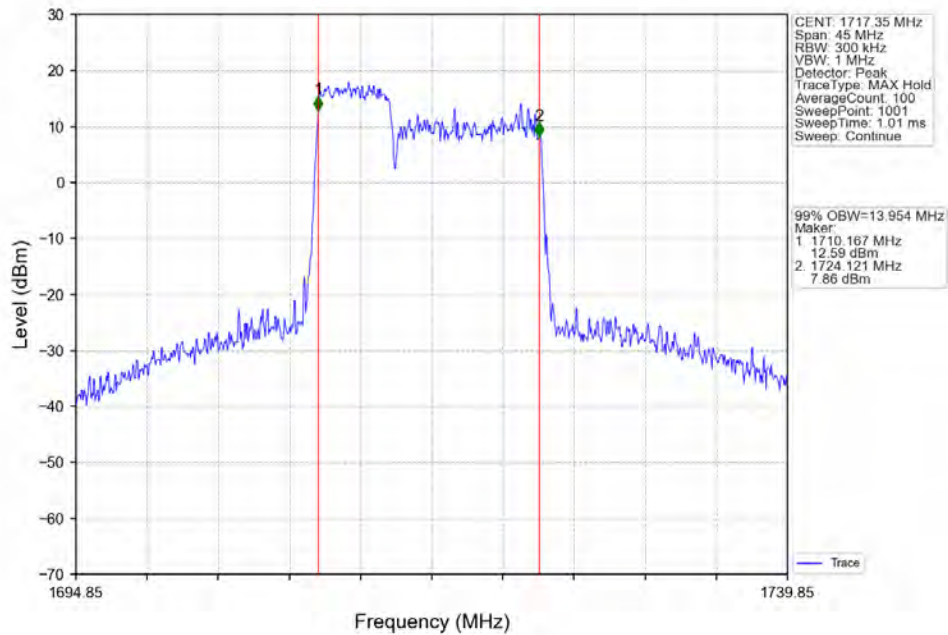
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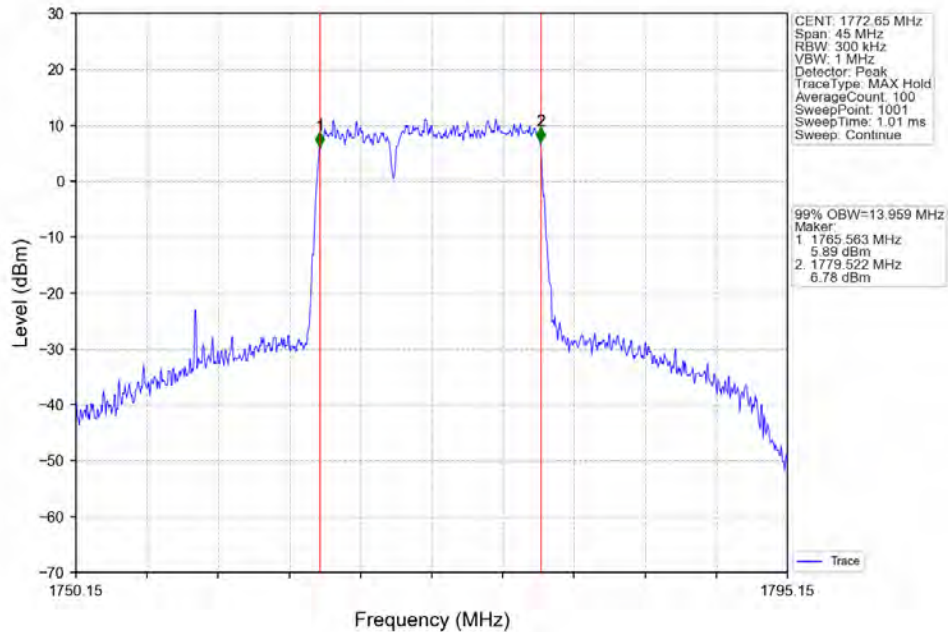
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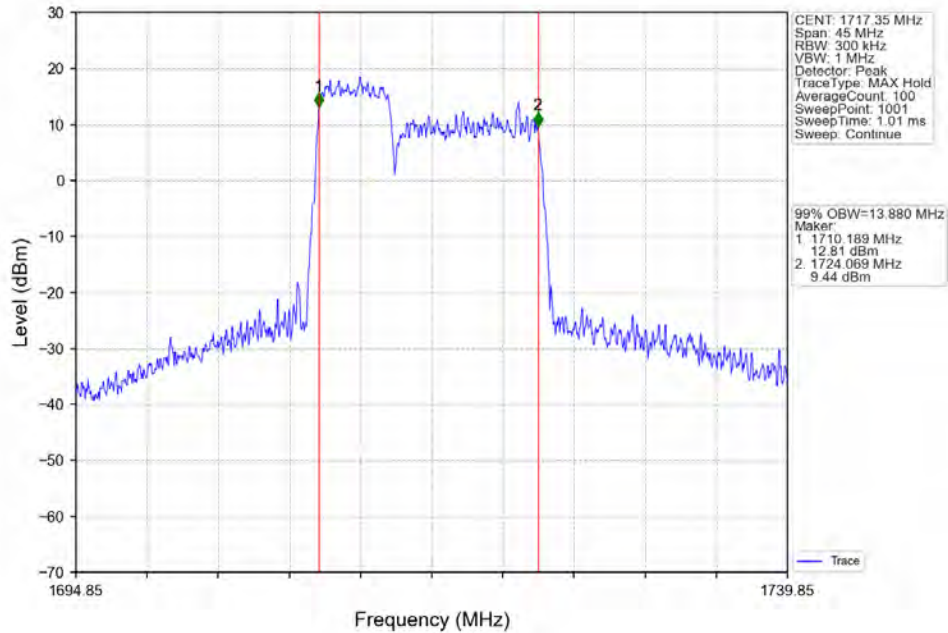
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:64QAM CC2:64QAM\_CC1:1767.8 CC2:1775MHz\_CC1: 25@0 CC2: 50@0



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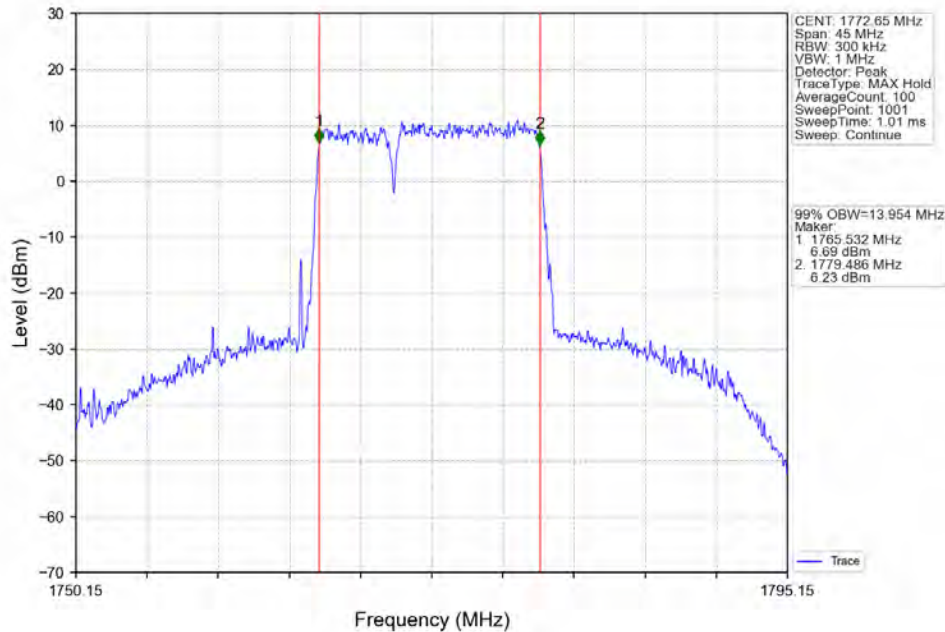
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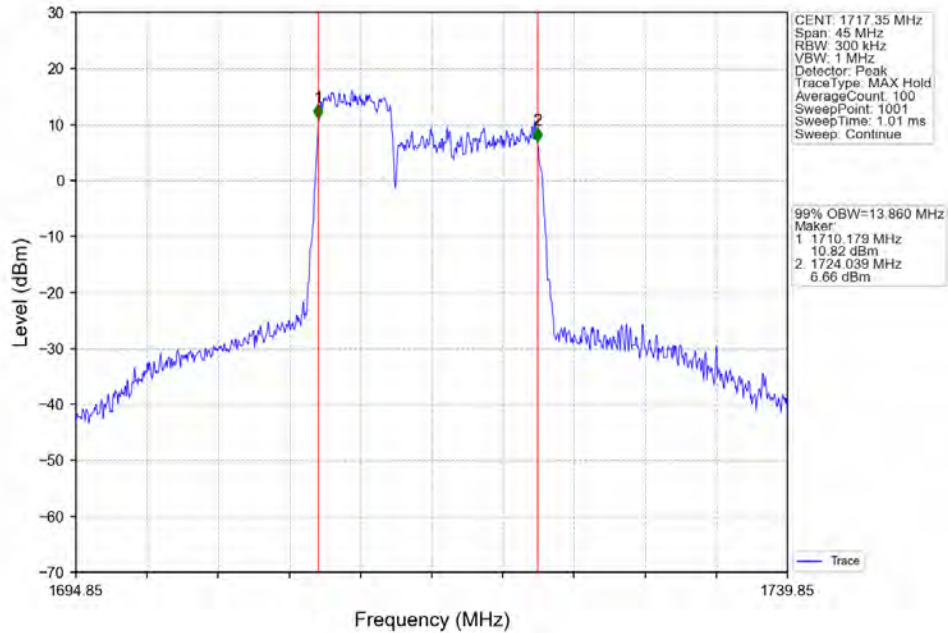
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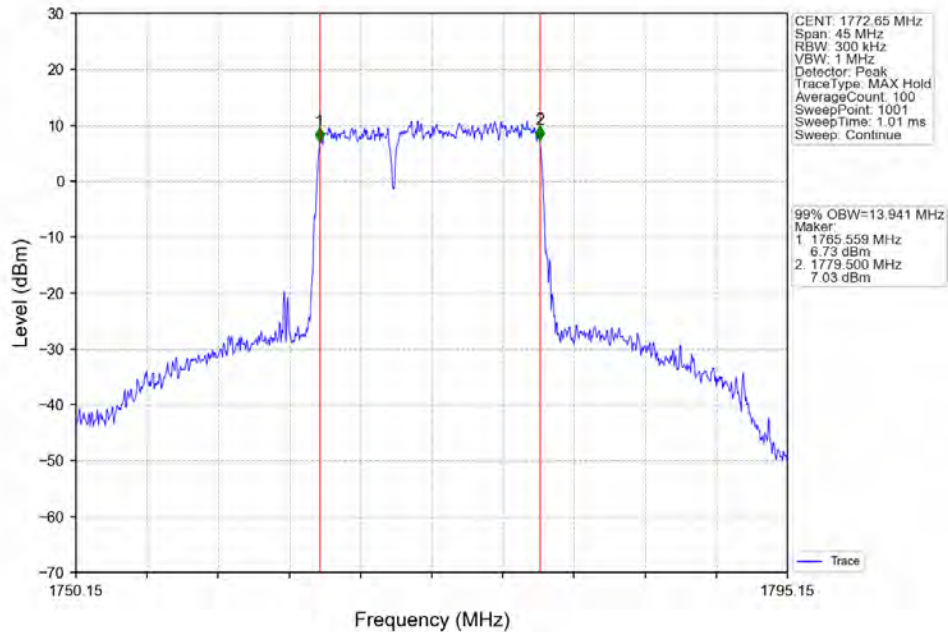
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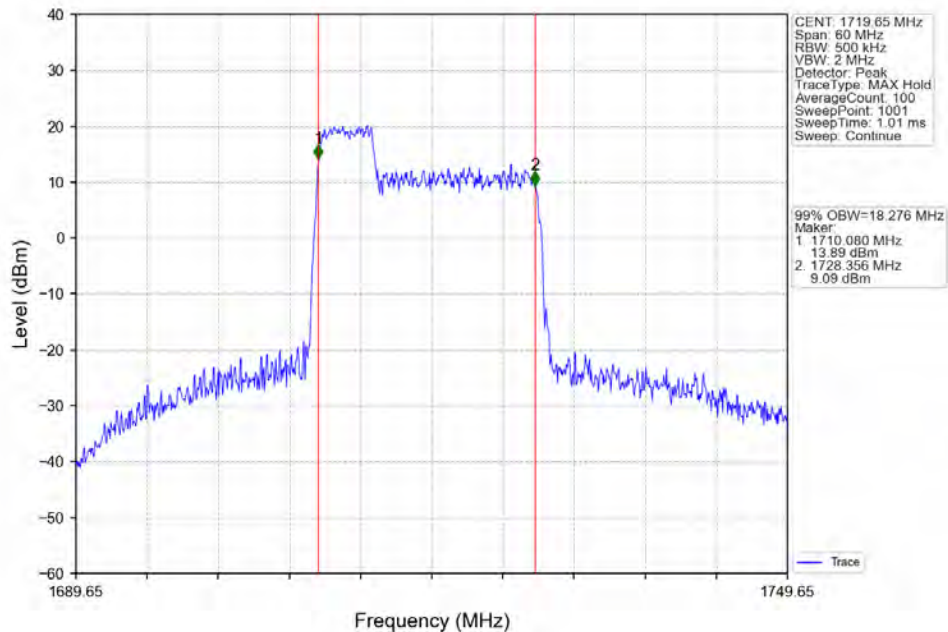
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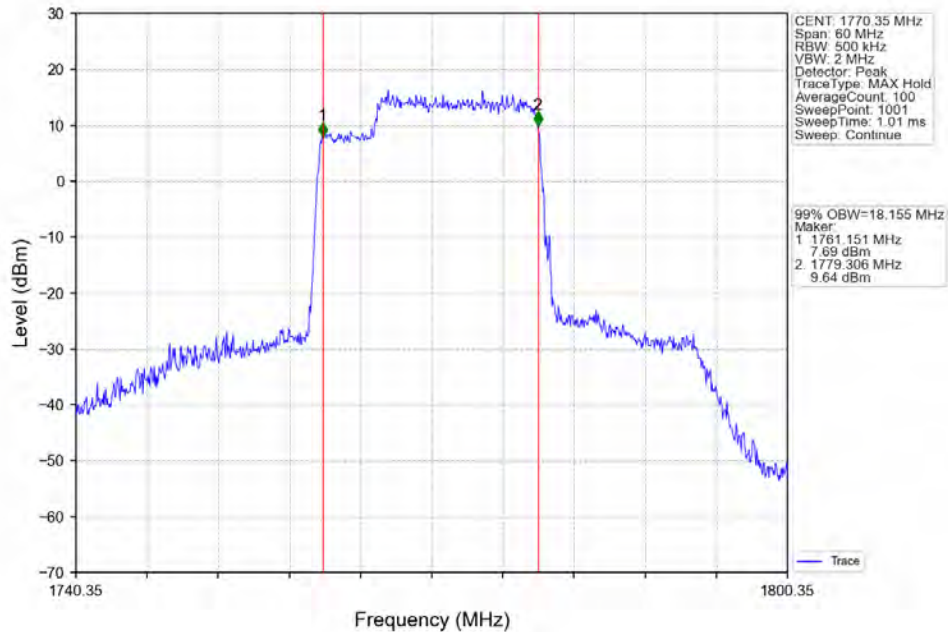
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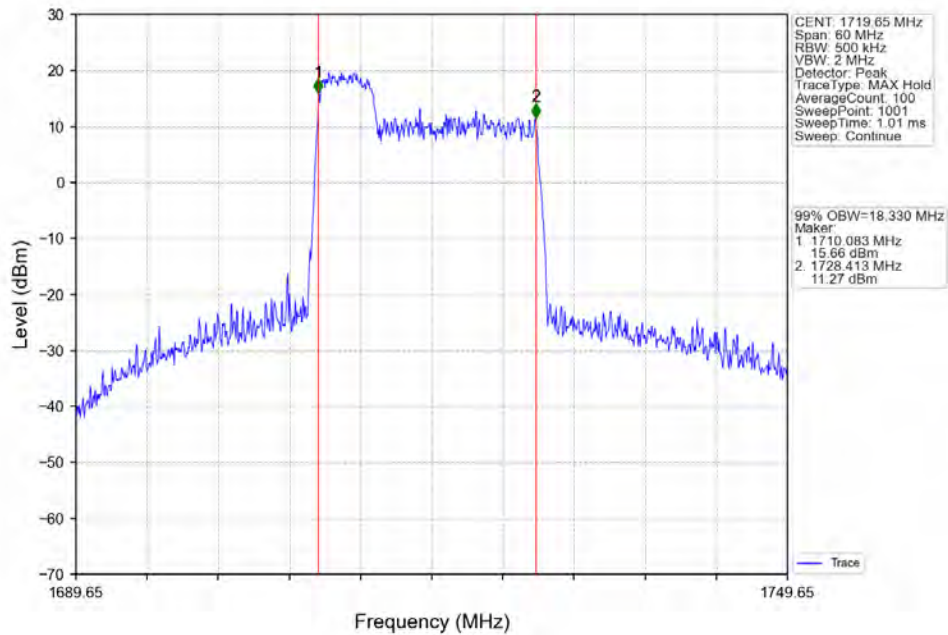
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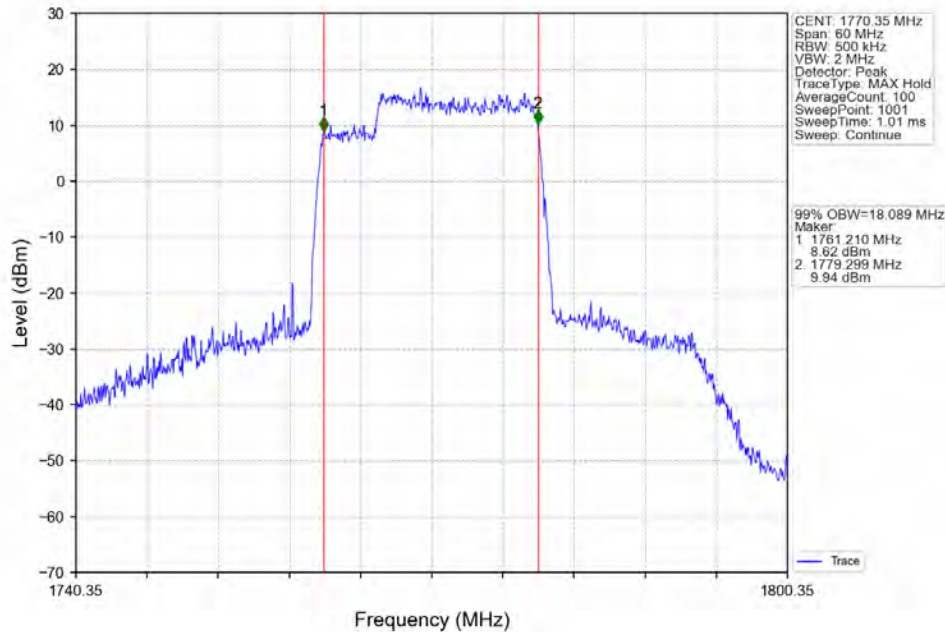
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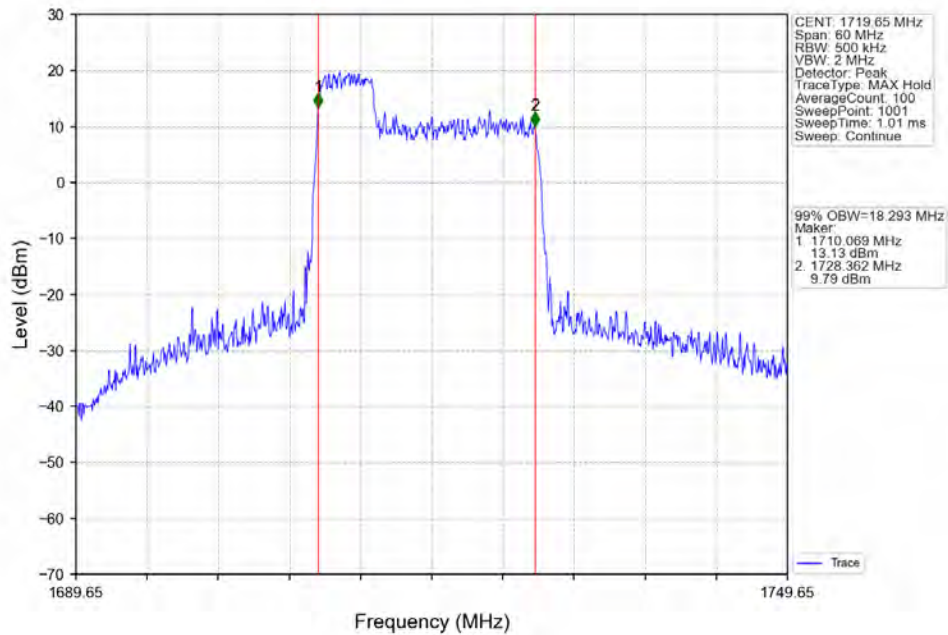
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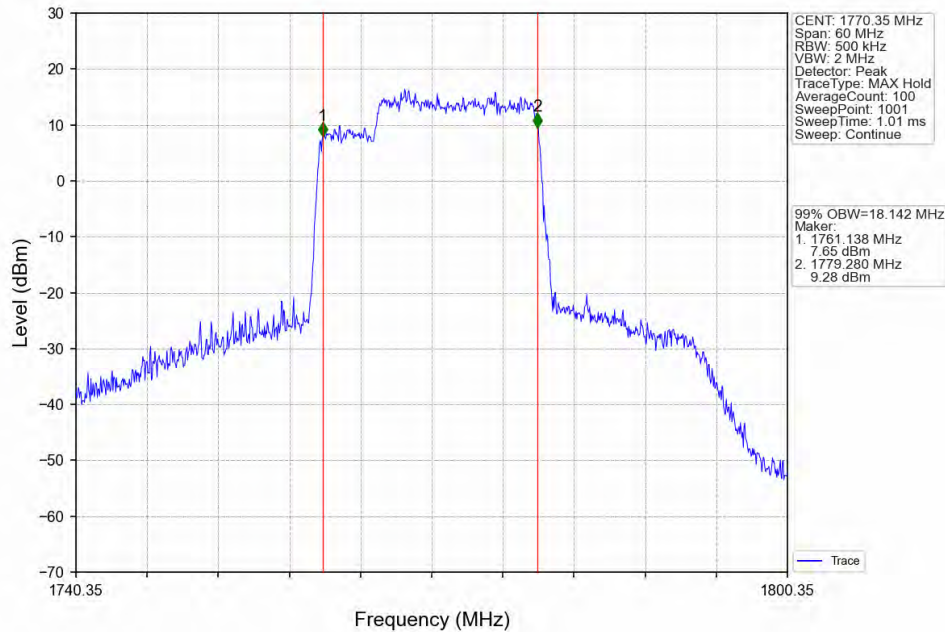
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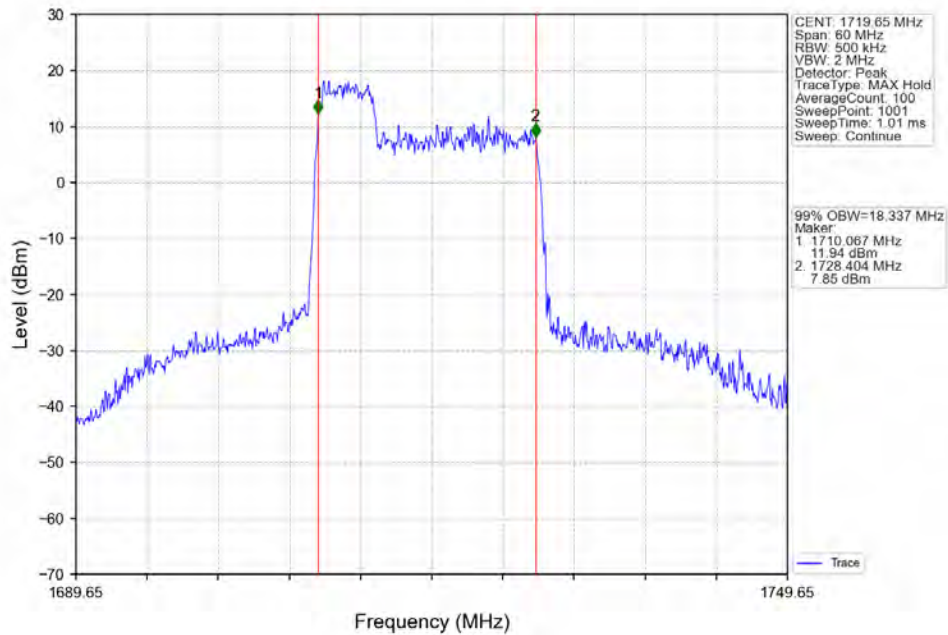
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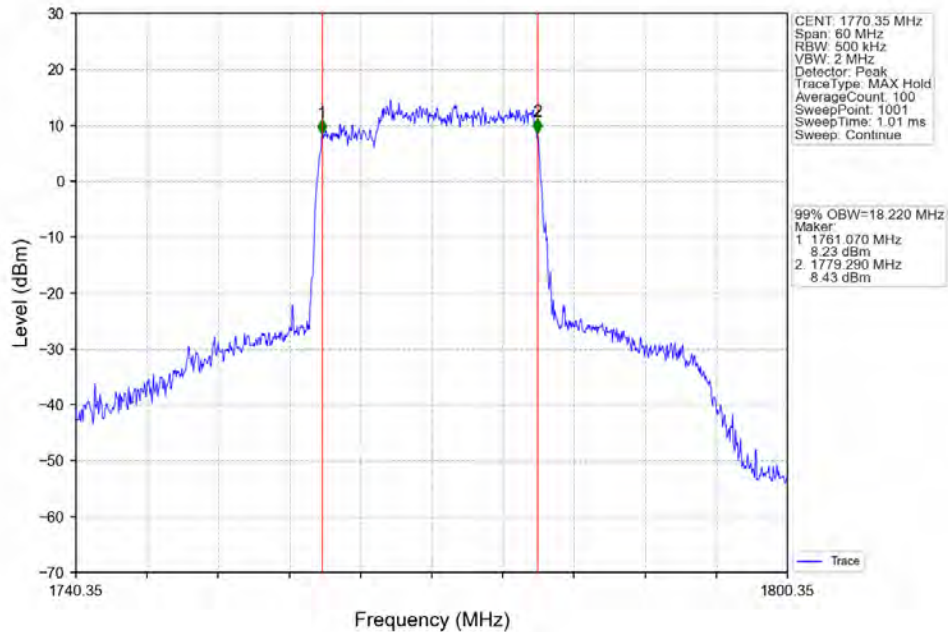
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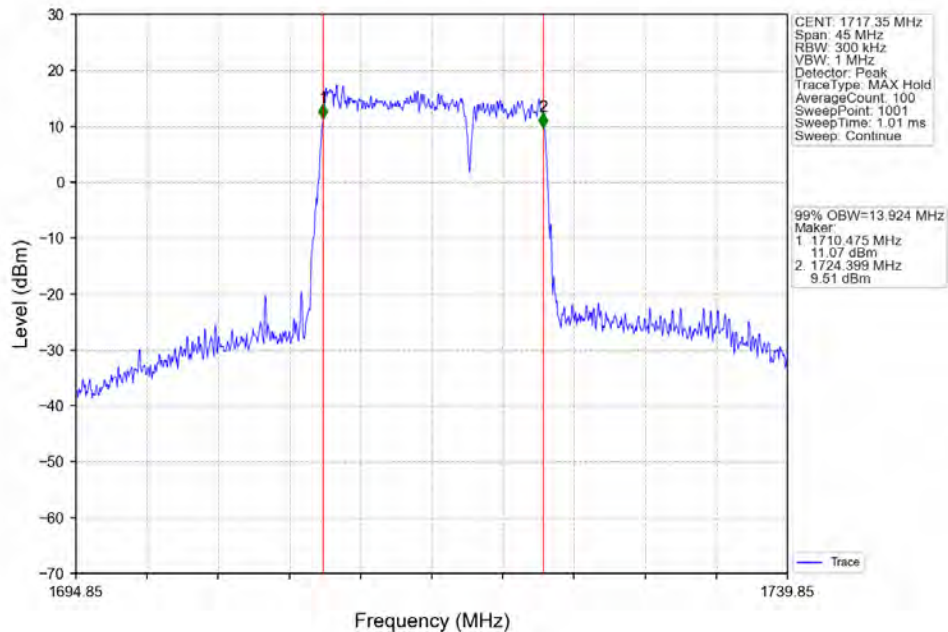
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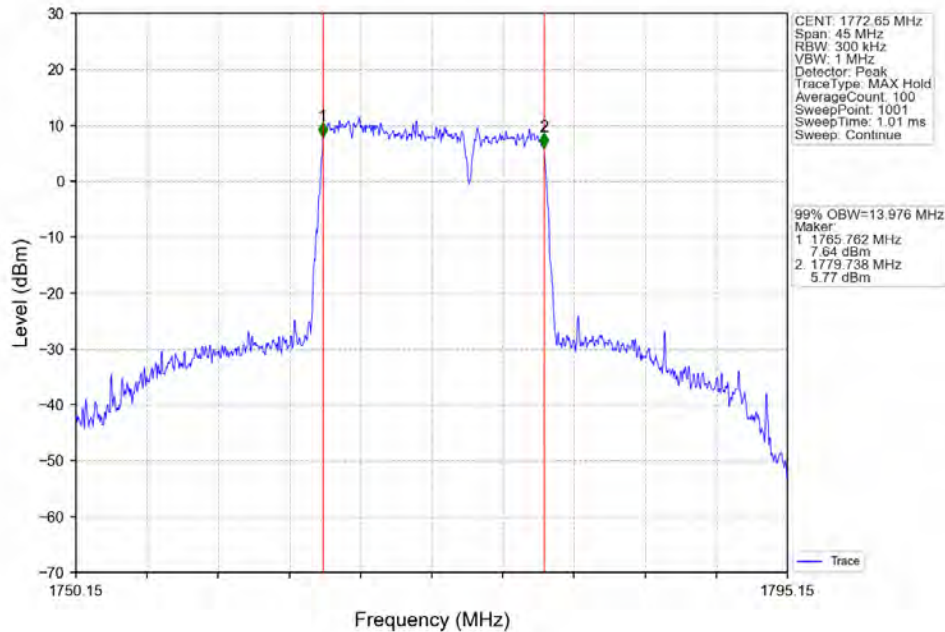
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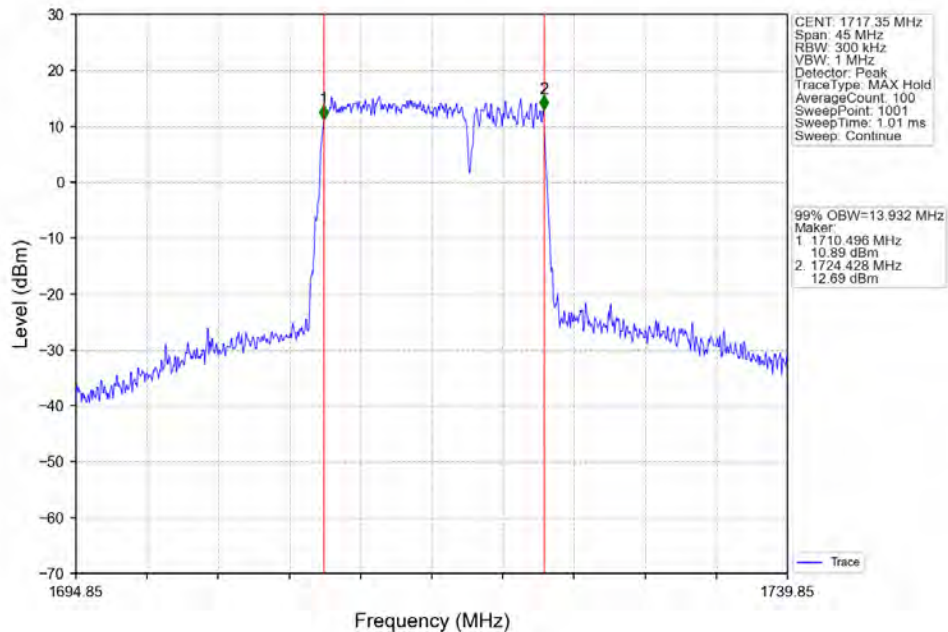
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1770.3 CC2:1777.5MHz\_CC1: 50@0 CC2: 25@0



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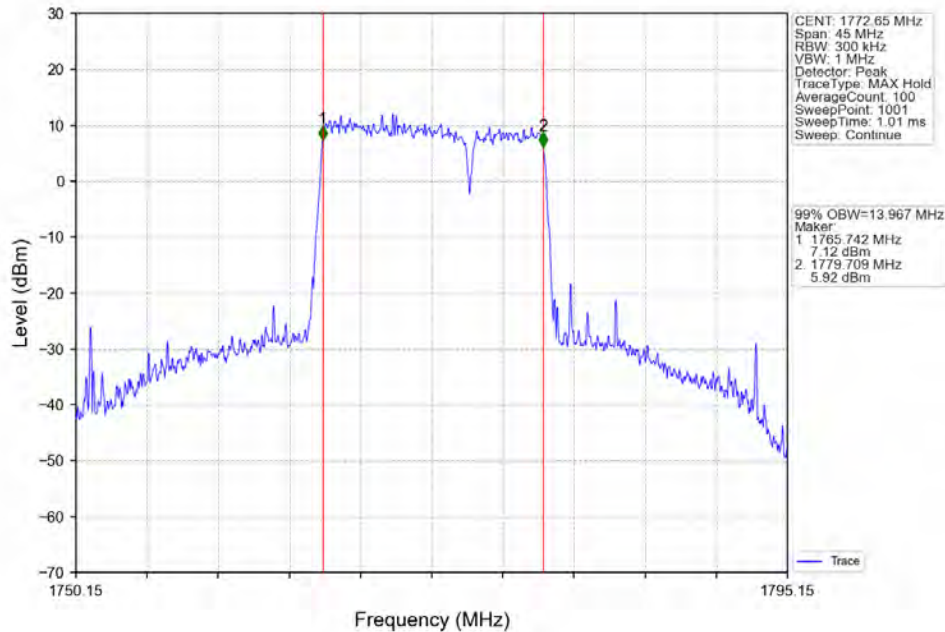
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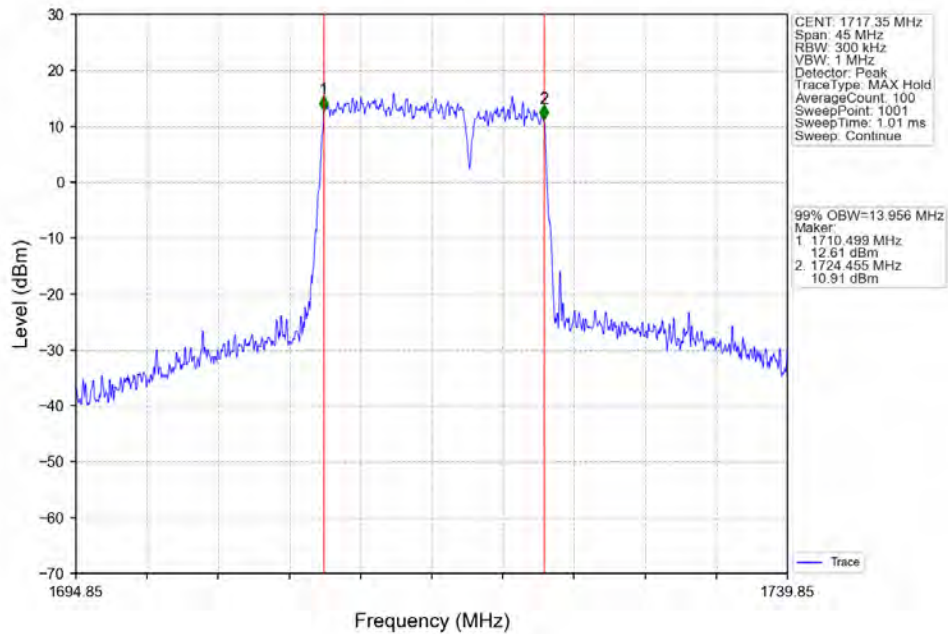
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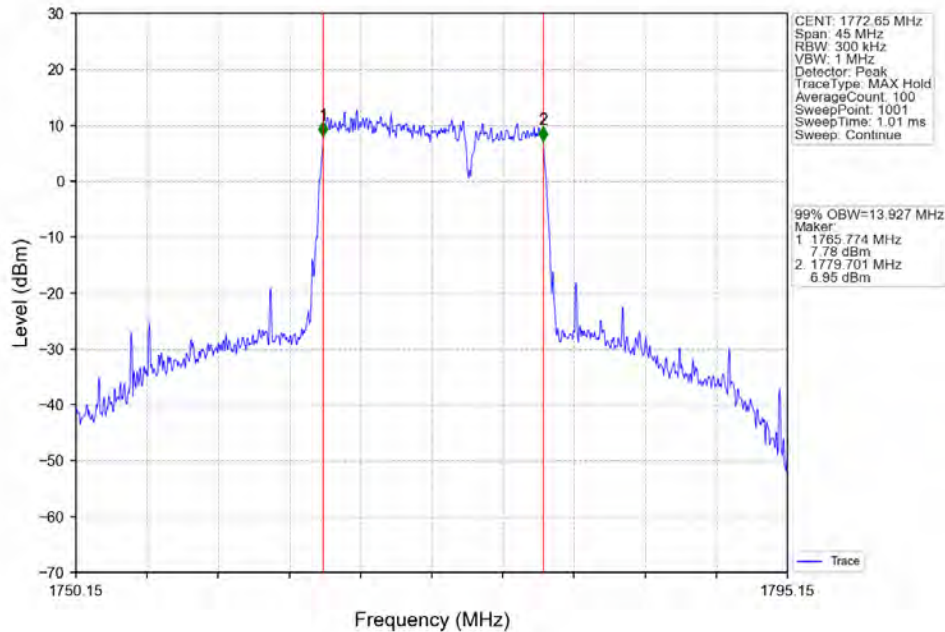
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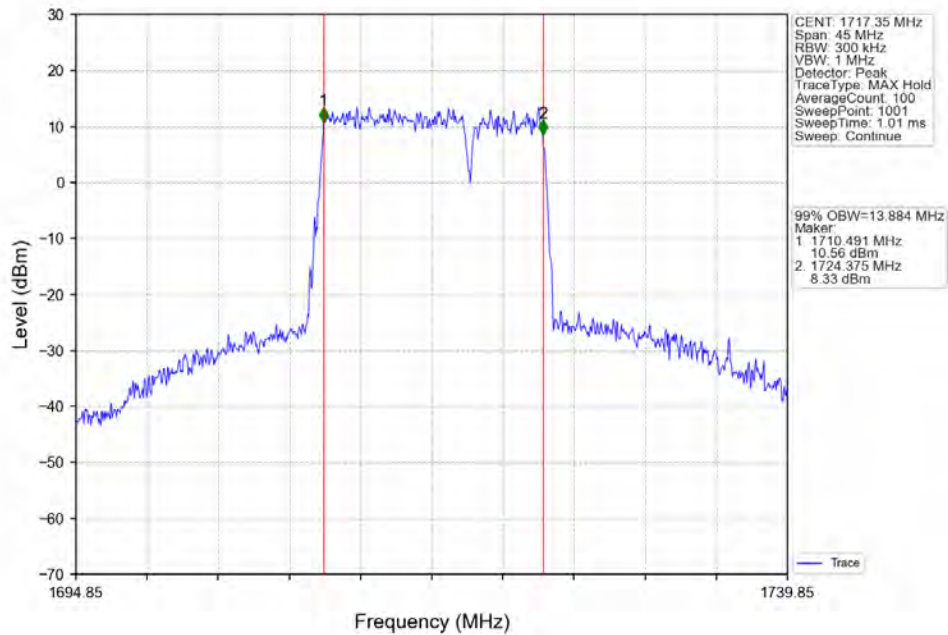
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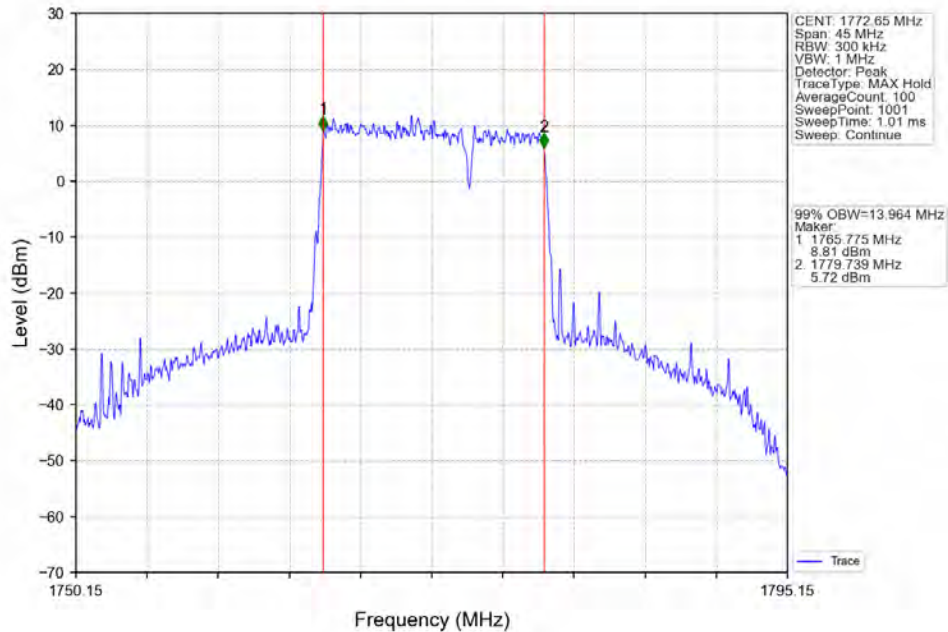
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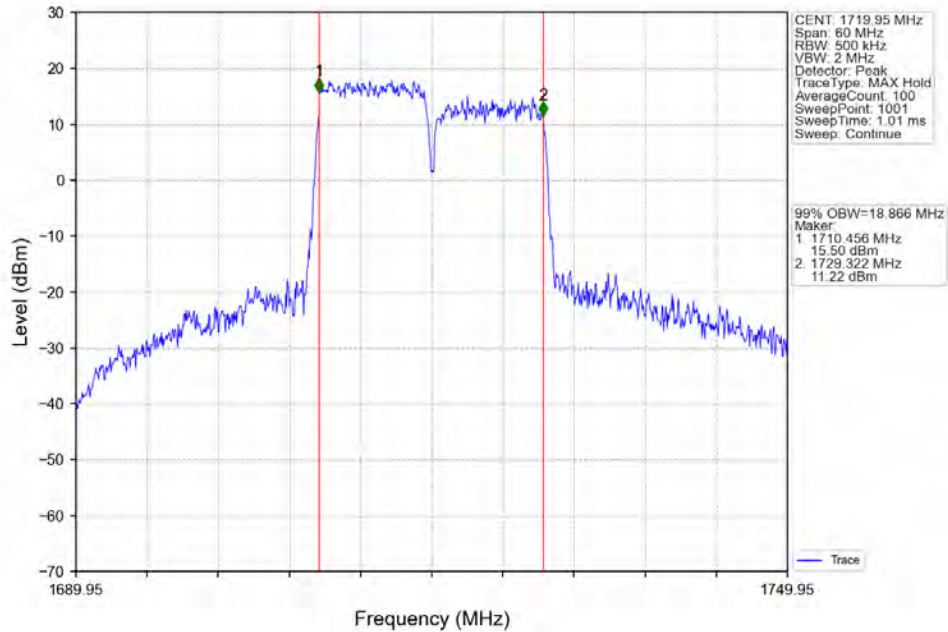
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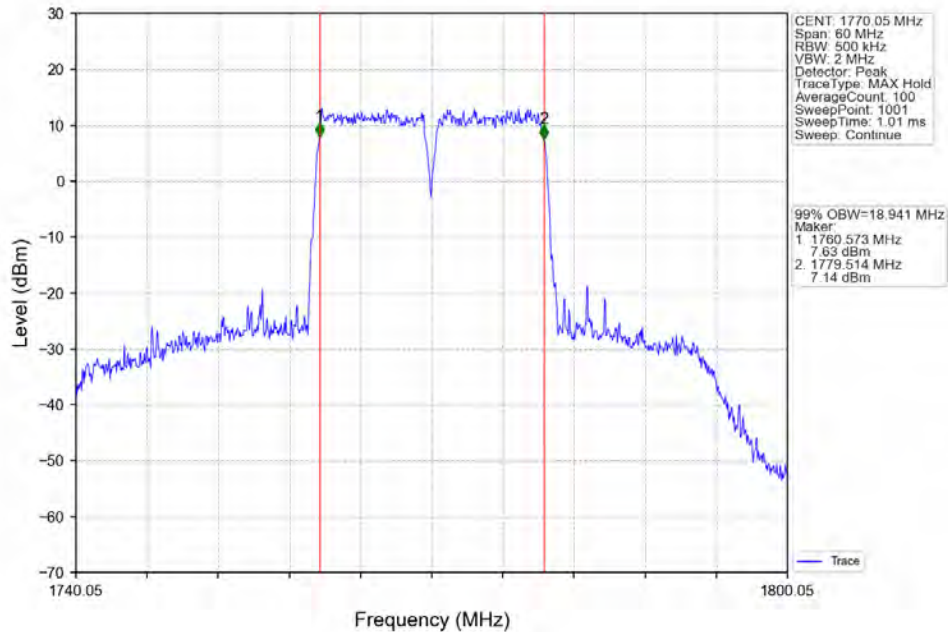
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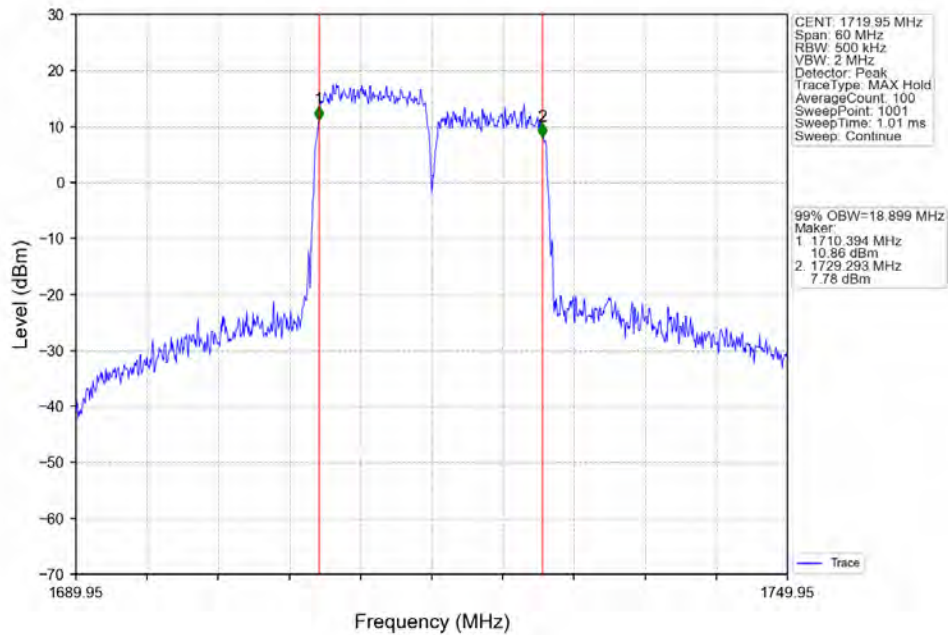
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:1715 CC2:1724.9MHz\_CC1: 50@0 CC2: 50@0



CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:1765.1 CC2:1775MHz\_CC1: 50@0 CC2: 50@0



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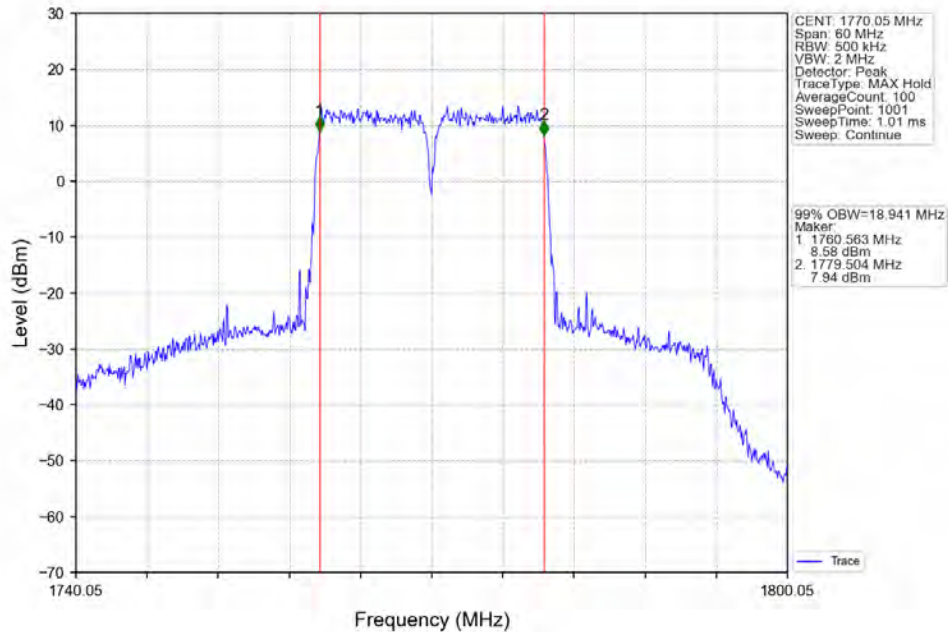
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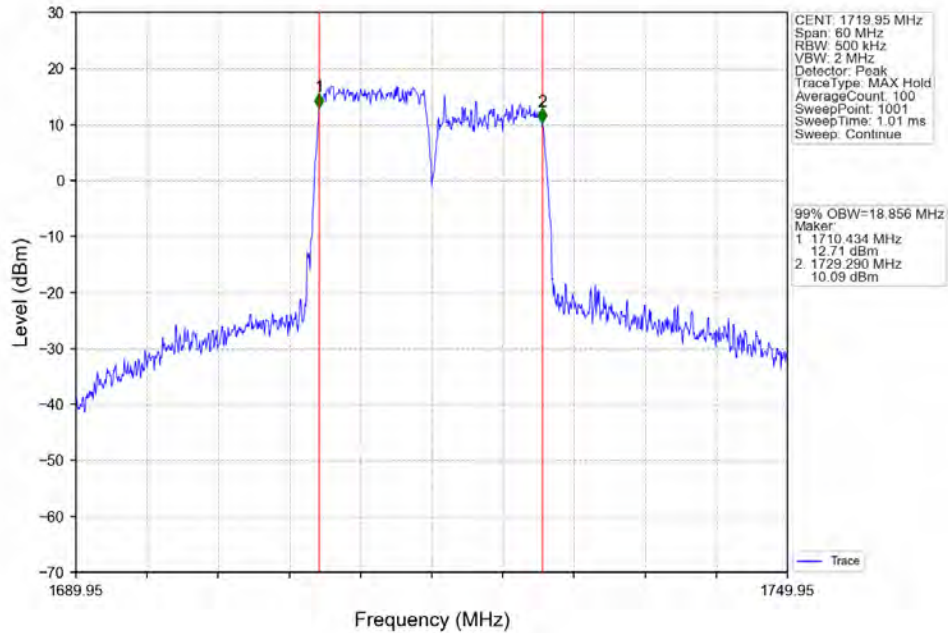
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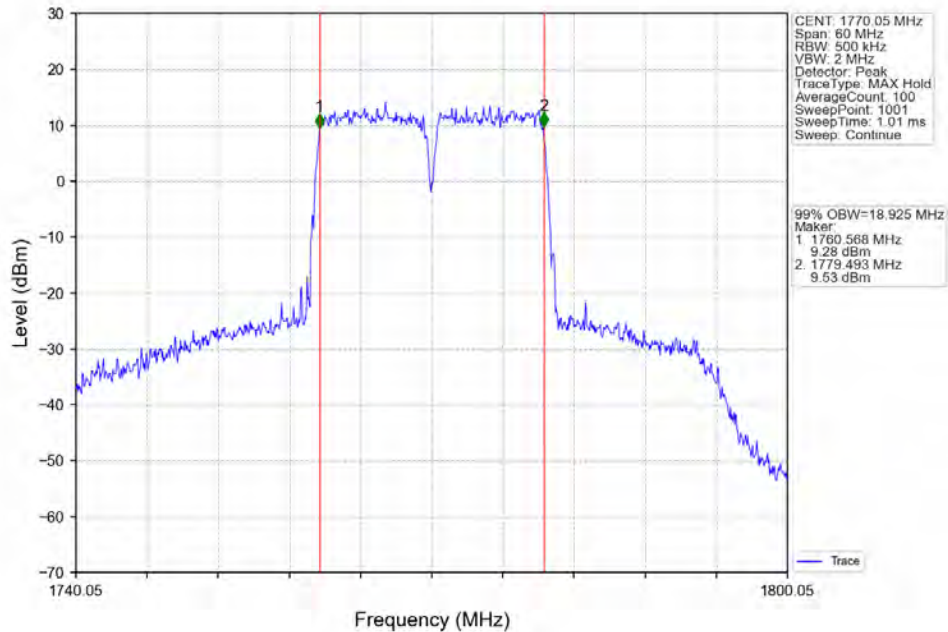
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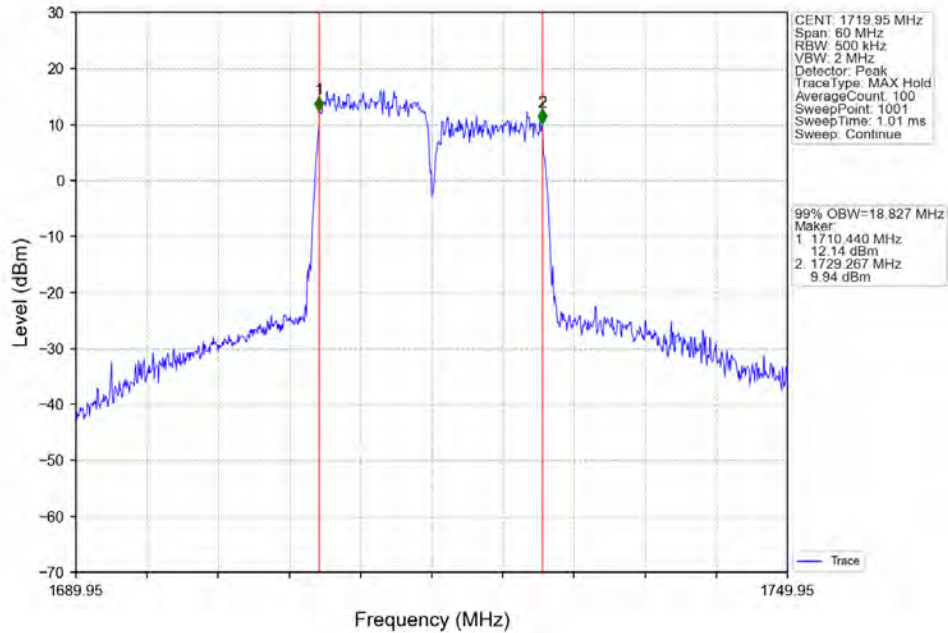
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:1765.1 CC2:1775MHz\_CC1: 50@0 CC2: 50@0



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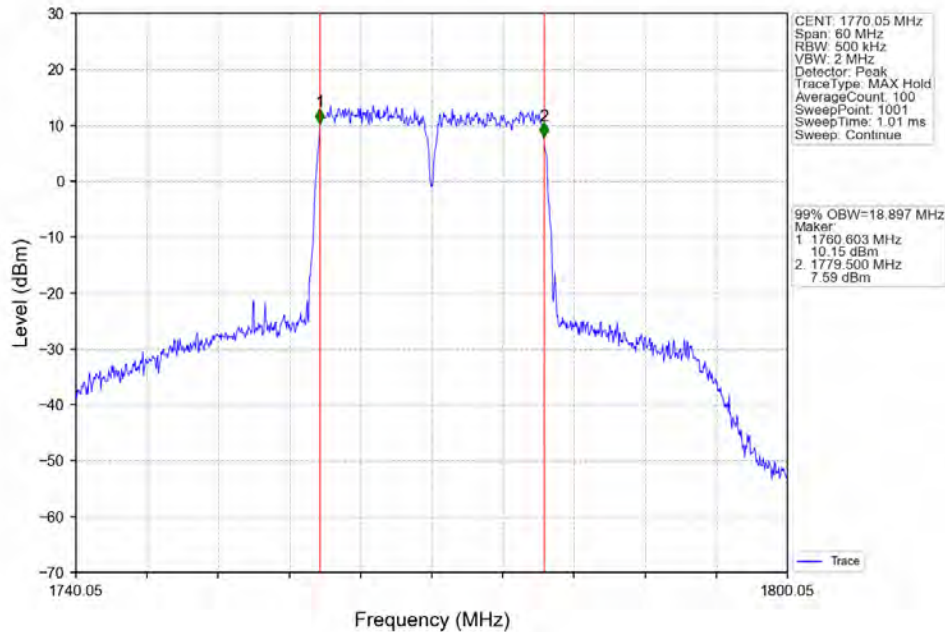
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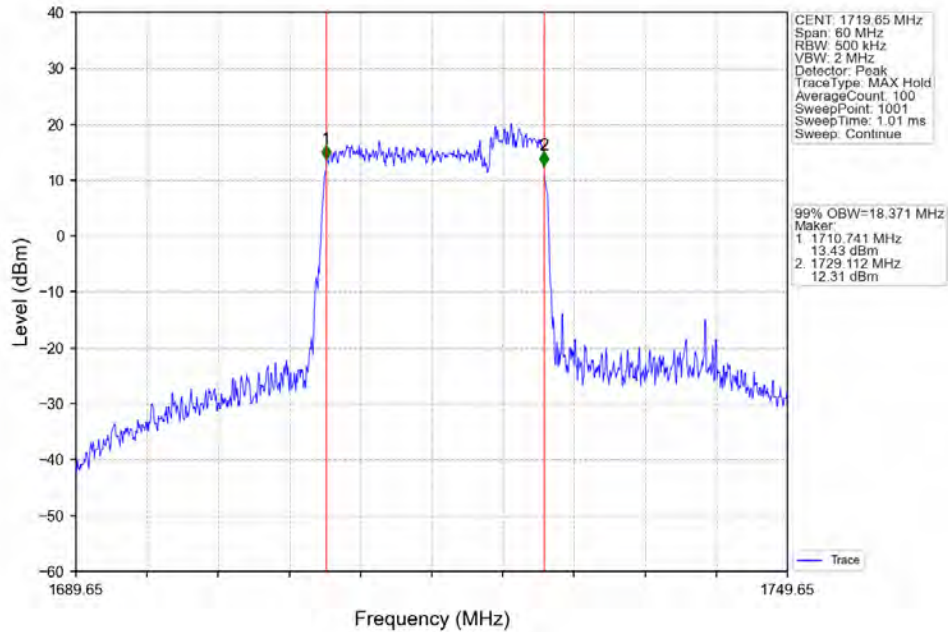
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CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1: 75@0 CC2: 25@0



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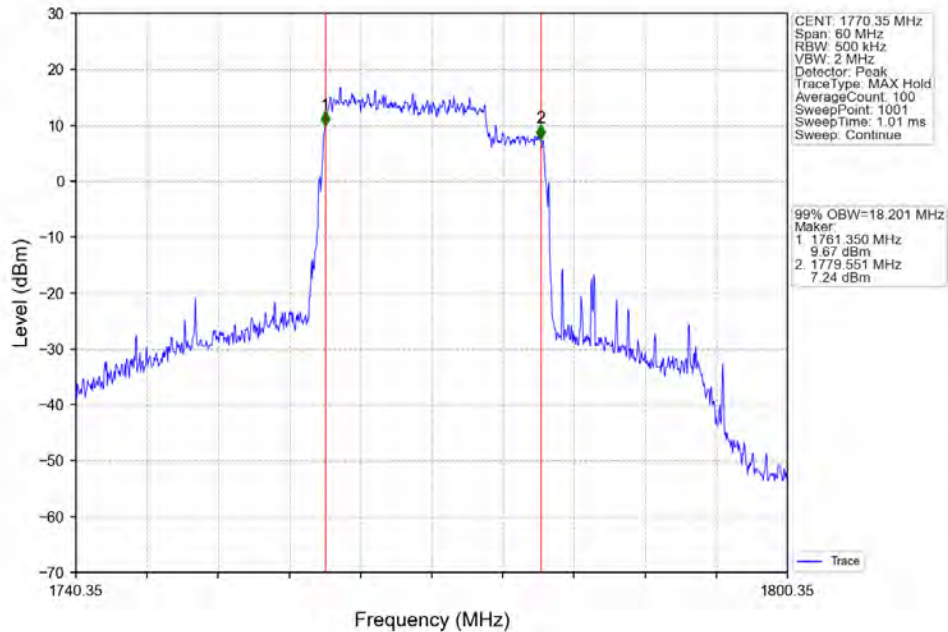
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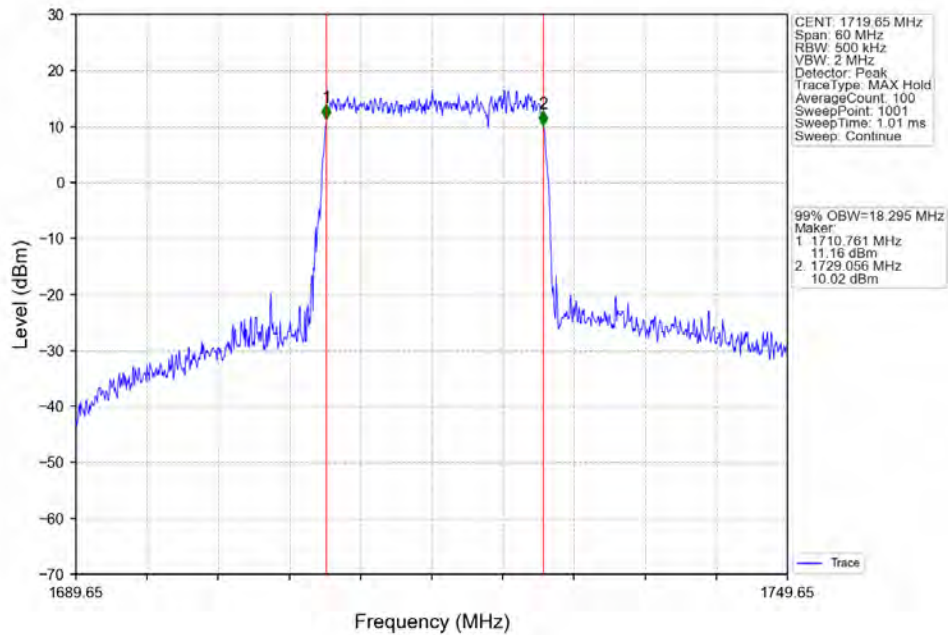
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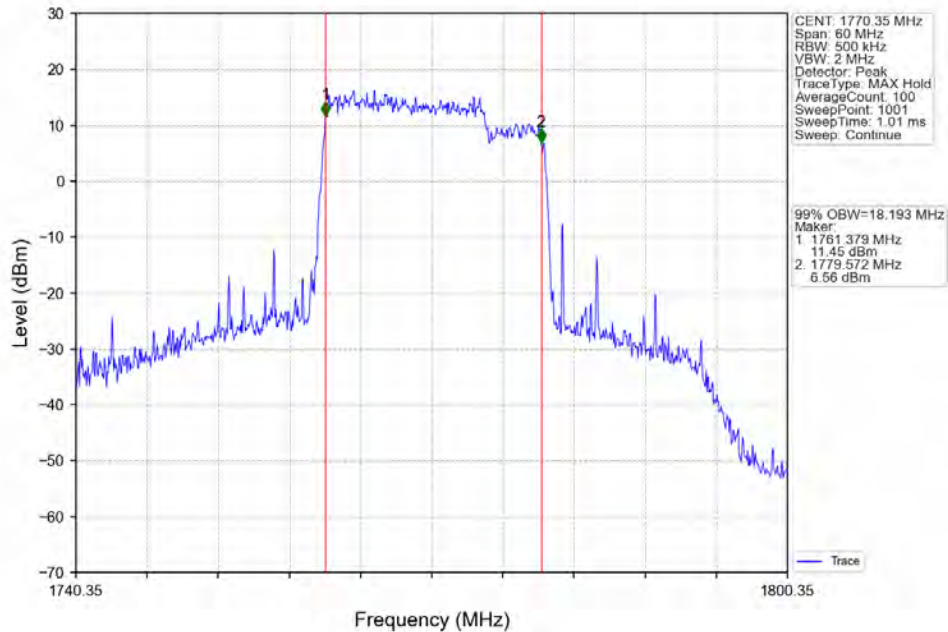
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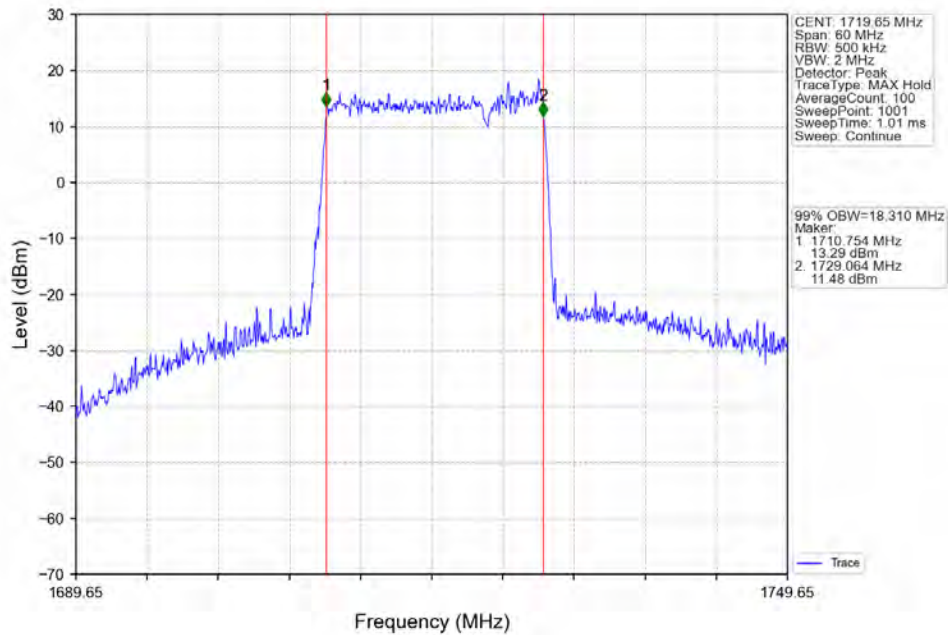
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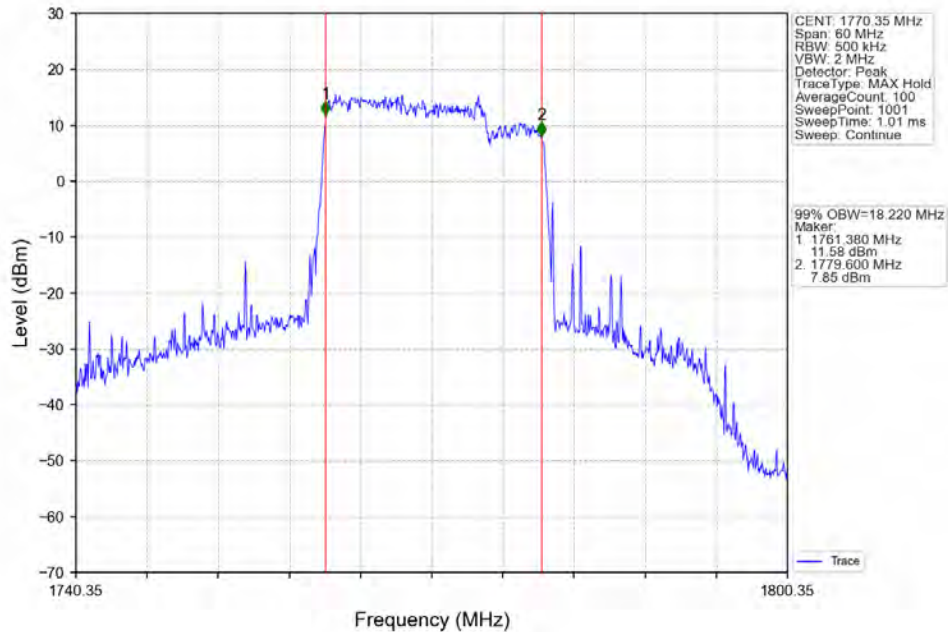
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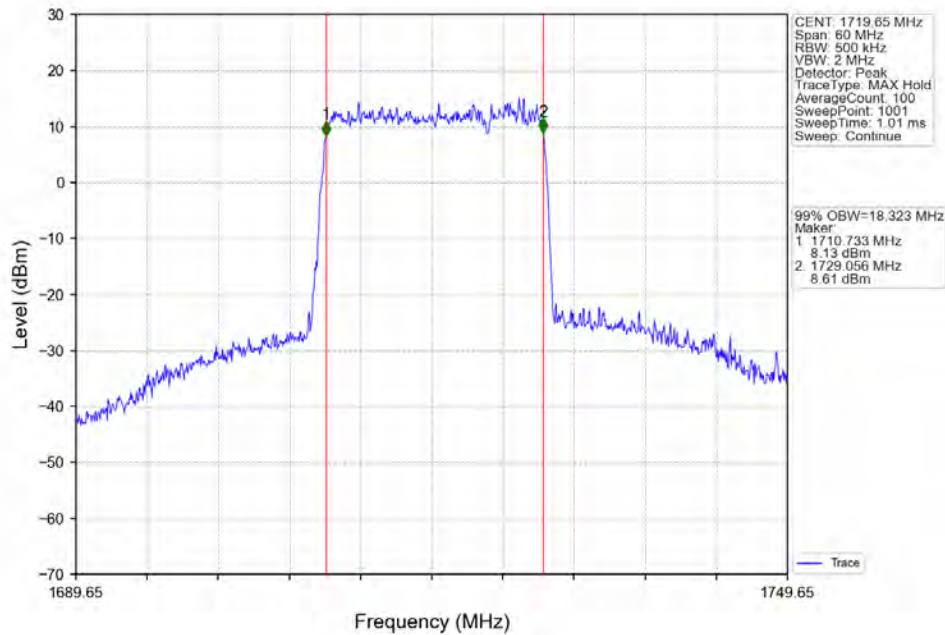
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CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:1717.5 CC2:1726.8MHz\_CC1: 75@0 CC2: 25@0



CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:1768.2 CC2:1777.5MHz\_CC1: 75@0 CC2: 25@0



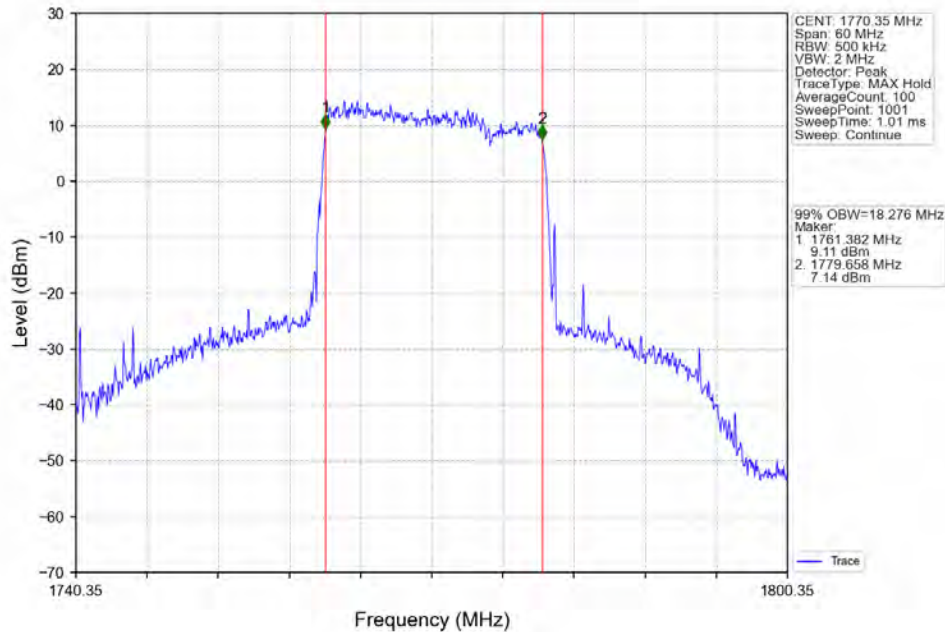
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## 2.2 CA\_66B\_NTNV\_XDB

### 2.2.1 Test Result

| Band: CA 66B / NTNV |                                  |                          |                        |                      |       |         |
|---------------------|----------------------------------|--------------------------|------------------------|----------------------|-------|---------|
| BW<br>(MHz)         | Modulation                       | Frequency<br>(MHz)       | RB<br>Allocation       | 26dB Bandwidth (MHz) |       | Verdict |
|                     |                                  |                          |                        | Sum                  | Limit |         |
| CC1:5<br>CC2:5      | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:1712.5<br>CC2:1717.3 | CC1: 25@0<br>CC2: 25@0 | 10.00                | /     | Pass    |
|                     |                                  | CC1:1772.7<br>CC2:1777.5 | CC1: 25@0<br>CC2: 25@0 | 10.06                | /     | Pass    |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:1712.5<br>CC2:1717.3 | CC1: 25@0<br>CC2: 25@0 | 9.97                 | /     | Pass    |
|                     |                                  | CC1:1772.7<br>CC2:1777.5 | CC1: 25@0<br>CC2: 25@0 | 10.15                | /     | Pass    |
|                     | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:1712.5<br>CC2:1717.3 | CC1: 25@0<br>CC2: 25@0 | 10.04                | /     | Pass    |
|                     |                                  | CC1:1772.7<br>CC2:1777.5 | CC1: 25@0<br>CC2: 25@0 | 10.17                | /     | Pass    |
|                     | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:1712.5<br>CC2:1717.3 | CC1: 25@0<br>CC2: 25@0 | 10.10                | /     | Pass    |
|                     |                                  | CC1:1772.7<br>CC2:1777.5 | CC1: 25@0<br>CC2: 25@0 | 10.05                | /     | Pass    |
| CC1:5<br>CC2:10     | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:1712.5<br>CC2:1719.7 | CC1: 25@0<br>CC2: 50@0 | 14.74                | /     | Pass    |
|                     |                                  | CC1:1767.8<br>CC2:1775   | CC1: 25@0<br>CC2: 50@0 | 14.94                | /     | Pass    |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:1712.5<br>CC2:1719.7 | CC1: 25@0<br>CC2: 50@0 | 14.72                | /     | Pass    |
|                     |                                  | CC1:1767.8<br>CC2:1775   | CC1: 25@0<br>CC2: 50@0 | 14.96                | /     | Pass    |
|                     | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:1712.5<br>CC2:1719.7 | CC1: 25@0<br>CC2: 50@0 | 14.82                | /     | Pass    |
|                     |                                  | CC1:1767.8<br>CC2:1775   | CC1: 25@0<br>CC2: 50@0 | 15.80                | /     | Pass    |
|                     | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:1712.5<br>CC2:1719.7 | CC1: 25@0<br>CC2: 50@0 | 14.79                | /     | Pass    |
|                     |                                  | CC1:1767.8<br>CC2:1775   | CC1: 25@0<br>CC2: 50@0 | 15.02                | /     | Pass    |
| CC1:5<br>CC2:15     | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:1712.5<br>CC2:1721.8 | CC1: 25@0<br>CC2: 75@0 | 19.49                | /     | Pass    |
|                     |                                  | CC1:1763.2<br>CC2:1772.5 | CC1: 25@0<br>CC2: 75@0 | 19.55                | /     | Pass    |
|                     | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:1712.5<br>CC2:1721.8 | CC1: 25@0<br>CC2: 75@0 | 19.38                | /     | Pass    |
|                     |                                  | CC1:1763.2<br>CC2:1772.5 | CC1: 25@0<br>CC2: 75@0 | 19.65                | /     | Pass    |



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|                  |                |                          |                        |       |   |      |
|------------------|----------------|--------------------------|------------------------|-------|---|------|
|                  | CC1:<br>64QAM  | CC1:1712.5<br>CC2:1721.8 | CC1: 25@0<br>CC2: 75@0 | 19.41 | / | Pass |
|                  | CC2:<br>64QAM  | CC1:1763.2<br>CC2:1772.5 | CC1: 25@0<br>CC2: 75@0 | 19.66 | / | Pass |
|                  | CC1:<br>256QAM | CC1:1712.5<br>CC2:1721.8 | CC1: 25@0<br>CC2: 75@0 | 19.39 | / | Pass |
|                  | CC2:<br>256QAM | CC1:1763.2<br>CC2:1772.5 | CC1: 25@0<br>CC2: 75@0 | 19.67 | / | Pass |
| CC1:10<br>CC2:5  | CC1:<br>QPSK   | CC1:1715<br>CC2:1722.2   | CC1: 50@0<br>CC2: 25@0 | 14.99 | / | Pass |
|                  | CC2:<br>QPSK   | CC1:1770.3<br>CC2:1777.5 | CC1: 50@0<br>CC2: 25@0 | 14.95 | / | Pass |
|                  | CC1:<br>16QAM  | CC1:1715<br>CC2:1722.2   | CC1: 50@0<br>CC2: 25@0 | 14.91 | / | Pass |
|                  | CC2:<br>16QAM  | CC1:1770.3<br>CC2:1777.5 | CC1: 50@0<br>CC2: 25@0 | 14.89 | / | Pass |
|                  | CC1:<br>64QAM  | CC1:1715<br>CC2:1722.2   | CC1: 50@0<br>CC2: 25@0 | 14.94 | / | Pass |
|                  | CC2:<br>64QAM  | CC1:1770.3<br>CC2:1777.5 | CC1: 50@0<br>CC2: 25@0 | 14.87 | / | Pass |
|                  | CC1:<br>256QAM | CC1:1715<br>CC2:1722.2   | CC1: 50@0<br>CC2: 25@0 | 14.94 | / | Pass |
|                  | CC2:<br>256QAM | CC1:1770.3<br>CC2:1777.5 | CC1: 50@0<br>CC2: 25@0 | 14.99 | / | Pass |
| CC1:10<br>CC2:10 | CC1:<br>QPSK   | CC1:1715<br>CC2:1724.9   | CC1: 50@0<br>CC2: 50@0 | 20.07 | / | Pass |
|                  | CC2:<br>QPSK   | CC1:1765.1<br>CC2:1775   | CC1: 50@0<br>CC2: 50@0 | 20.28 | / | Pass |
|                  | CC1:<br>16QAM  | CC1:1715<br>CC2:1724.9   | CC1: 50@0<br>CC2: 50@0 | 20.08 | / | Pass |
|                  | CC2:<br>16QAM  | CC1:1765.1<br>CC2:1775   | CC1: 50@0<br>CC2: 50@0 | 20.20 | / | Pass |
|                  | CC1:<br>64QAM  | CC1:1715<br>CC2:1724.9   | CC1: 50@0<br>CC2: 50@0 | 20.16 | / | Pass |
|                  | CC2:<br>64QAM  | CC1:1765.1<br>CC2:1775   | CC1: 50@0<br>CC2: 50@0 | 20.27 | / | Pass |
|                  | CC1:<br>256QAM | CC1:1715<br>CC2:1724.9   | CC1: 50@0<br>CC2: 50@0 | 20.07 | / | Pass |
|                  | CC2:<br>256QAM | CC1:1765.1<br>CC2:1775   | CC1: 50@0<br>CC2: 50@0 | 20.20 | / | Pass |
| CC1:15<br>CC2:5  | CC1:<br>QPSK   | CC1:1717.5<br>CC2:1726.8 | CC1: 75@0<br>CC2: 25@0 | 19.51 | / | Pass |
|                  | CC2:<br>QPSK   | CC1:1768.2<br>CC2:1777.5 | CC1: 75@0<br>CC2: 25@0 | 19.63 | / | Pass |
|                  | CC1:<br>16QAM  | CC1:1717.5<br>CC2:1726.8 | CC1: 75@0<br>CC2: 25@0 | 19.84 | / | Pass |
|                  | CC2:<br>16QAM  | CC1:1768.2<br>CC2:1777.5 | CC1: 75@0<br>CC2: 25@0 | 20.69 | / | Pass |
|                  | CC1:<br>64QAM  | CC1:1717.5<br>CC2:1726.8 | CC1: 75@0<br>CC2: 25@0 | 19.48 | / | Pass |
|                  |                |                          |                        |       |   |      |



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|--|----------------|--------------------------|------------------------|-------|---|------|
|  | CC2:<br>64QAM  | CC1:1768.2<br>CC2:1777.5 | CC1: 75@0<br>CC2: 25@0 | 19.95 | / | Pass |
|  | CC1:<br>256QAM | CC1:1717.5<br>CC2:1726.8 | CC1: 75@0<br>CC2: 25@0 | 19.58 | / | Pass |
|  | CC2:<br>256QAM | CC1:1768.2<br>CC2:1777.5 | CC1: 75@0<br>CC2: 25@0 | 20.11 | / | Pass |



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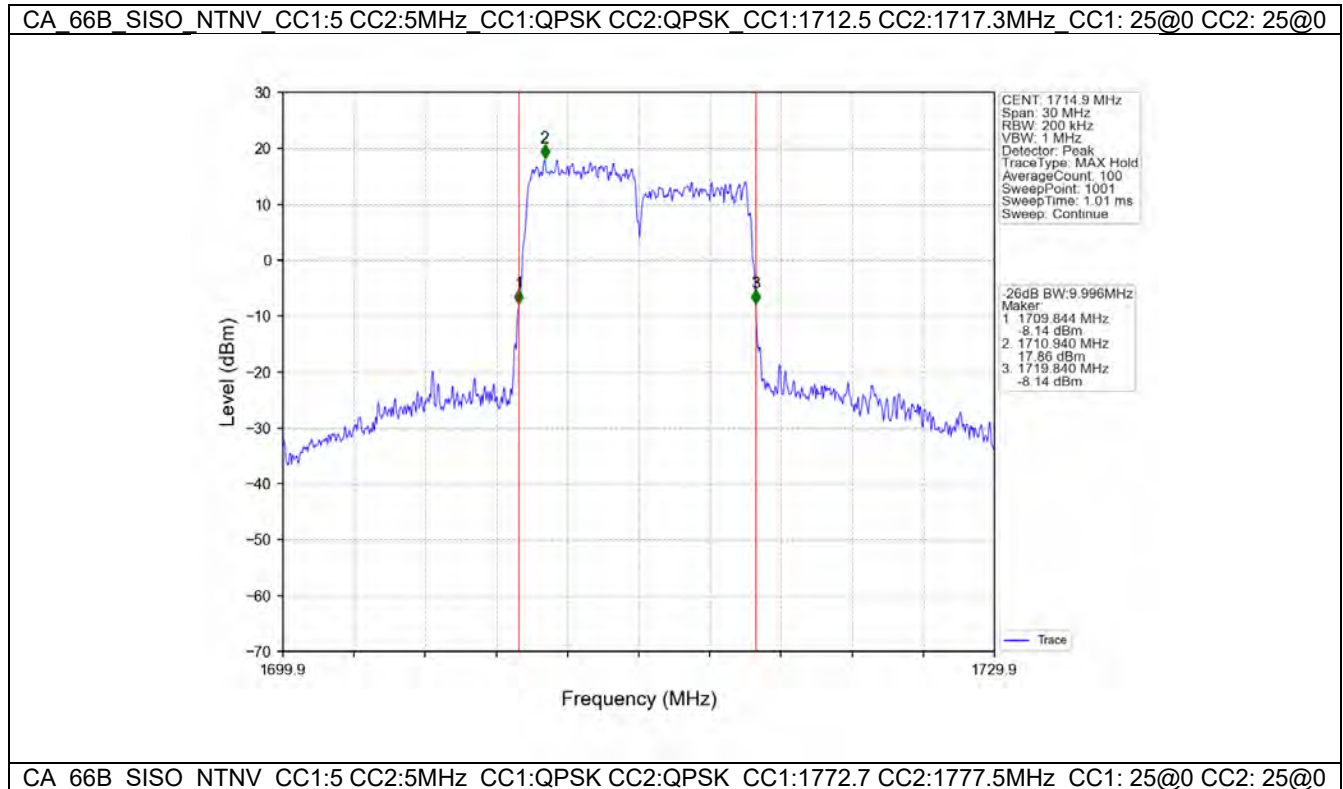
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### 2.2.2 Test Graph



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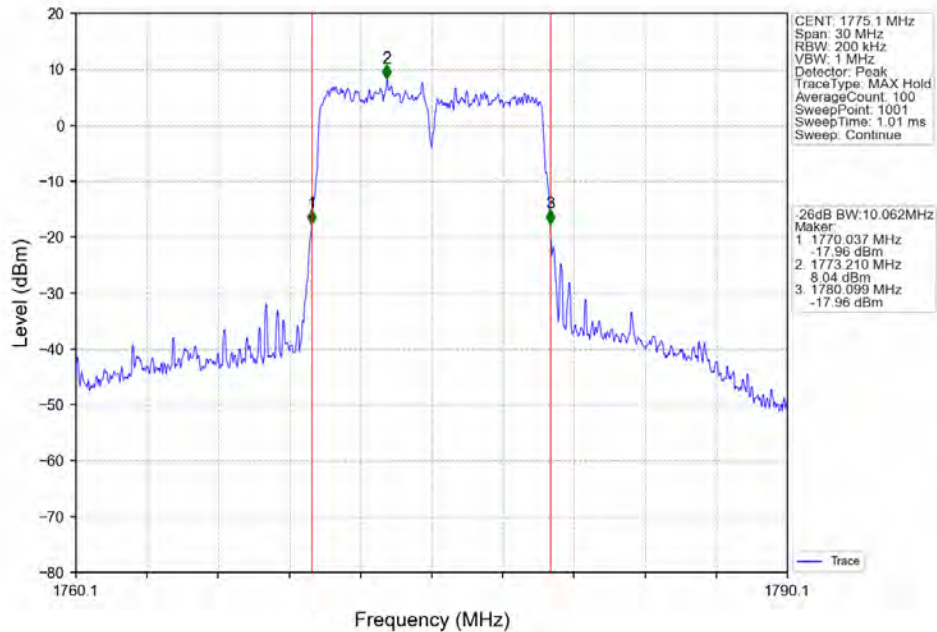
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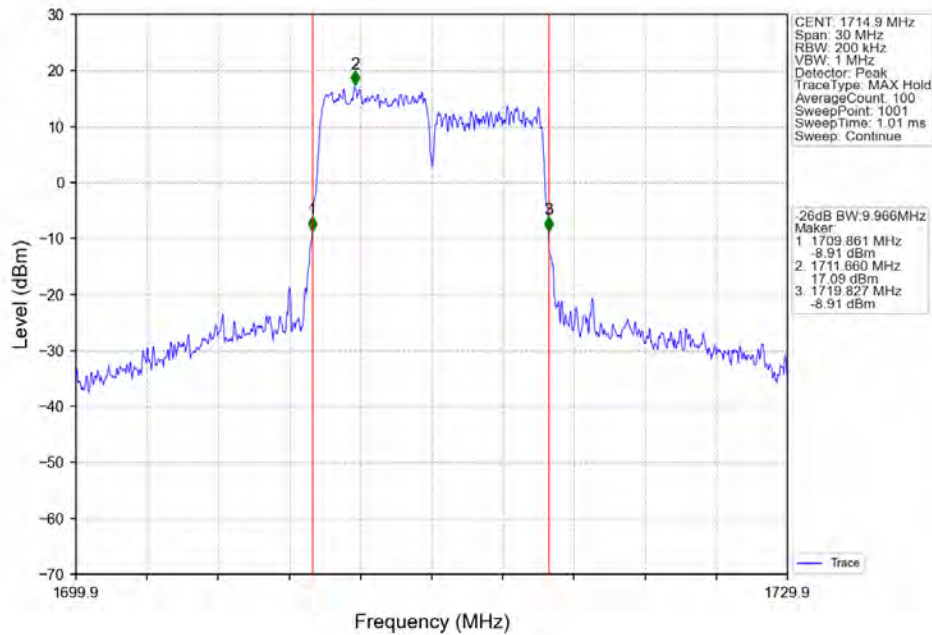
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1712.5 CC2:1717.3MHz\_CC1: 25@0 CC2: 25@0



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1772.7 CC2:1777.5MHz\_CC1: 25@0 CC2: 25@0



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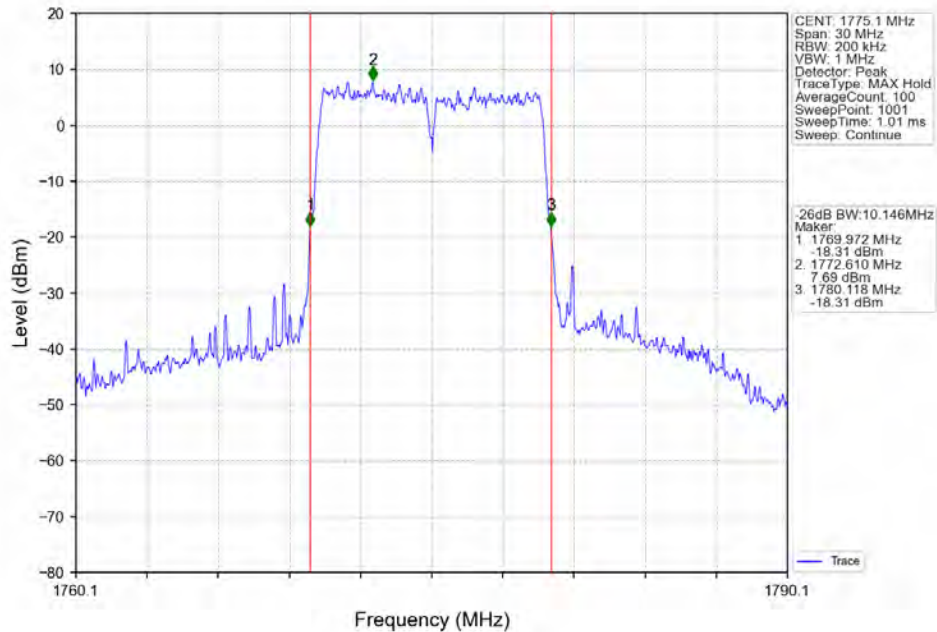
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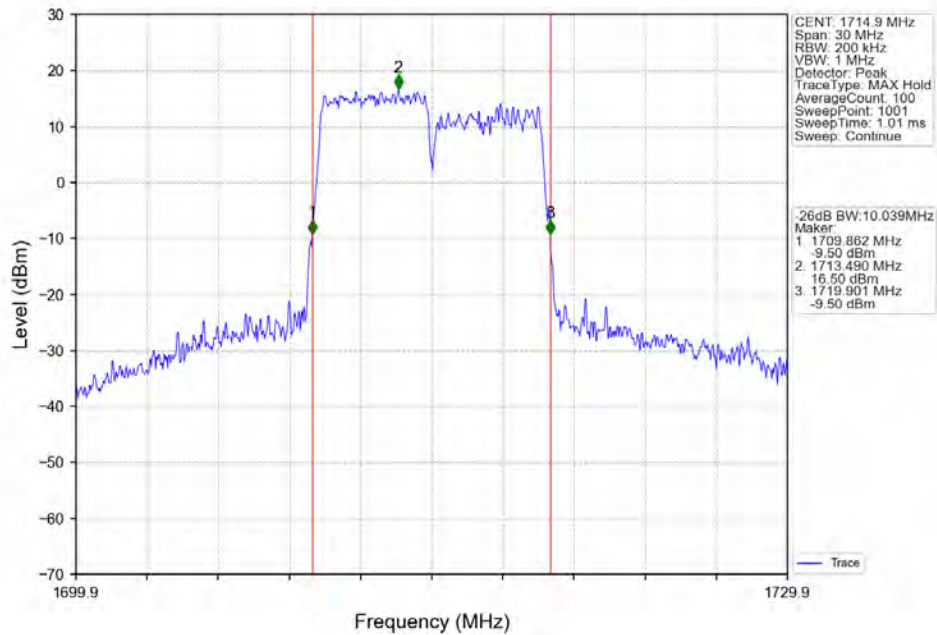
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:1772.7 CC2:1777.5MHz\_CC1: 25@0 CC2: 25@0



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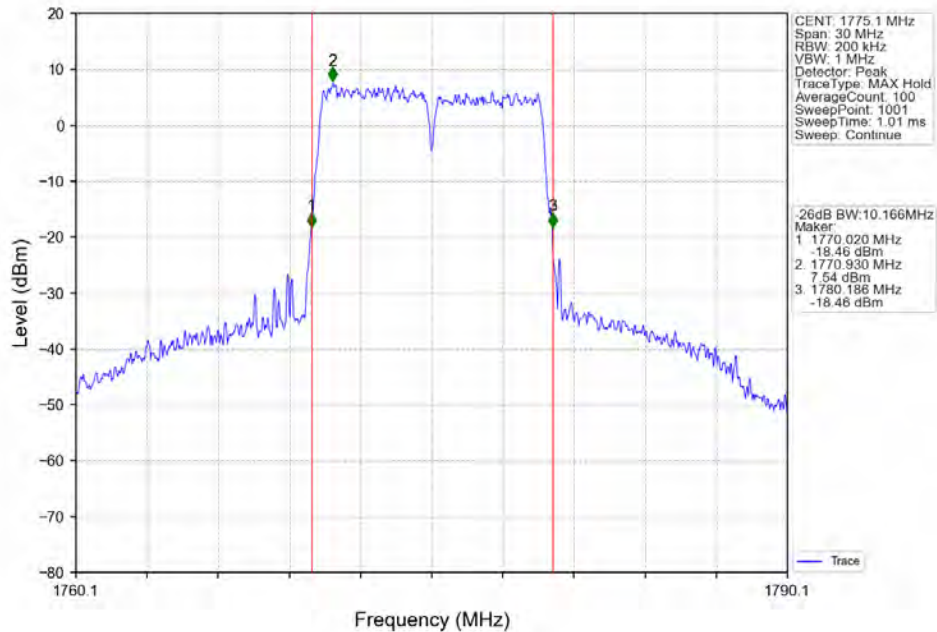
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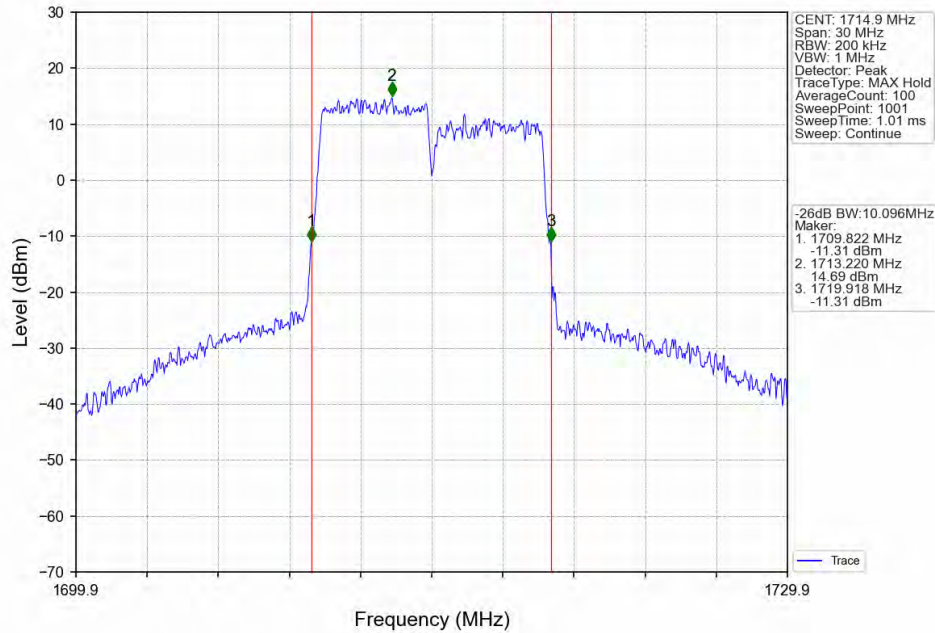
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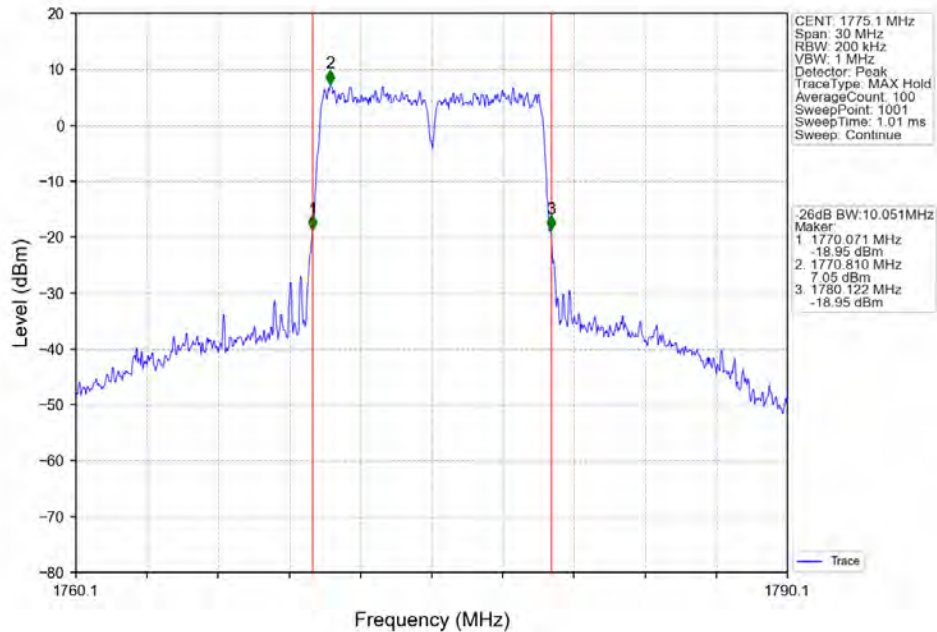
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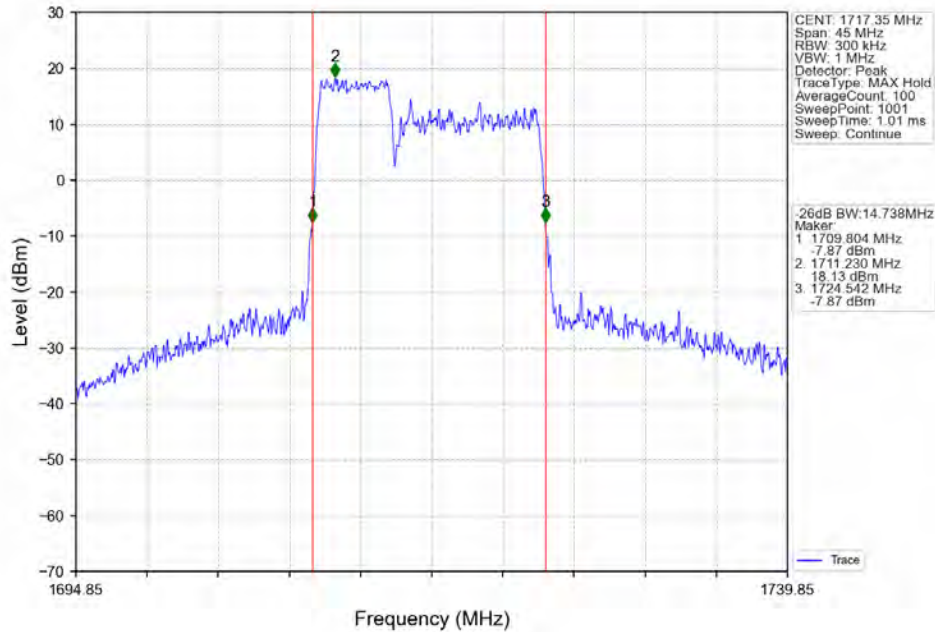
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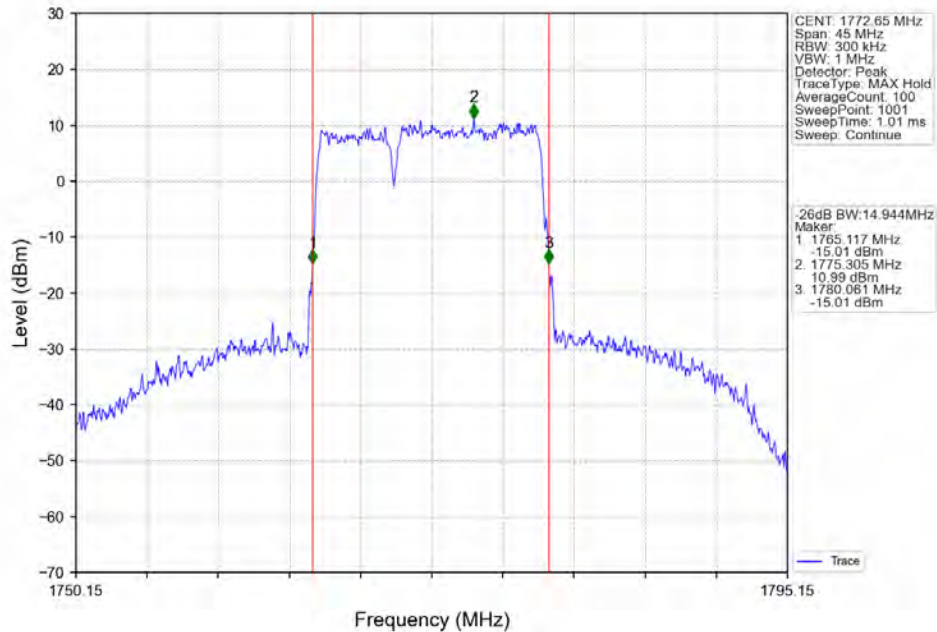
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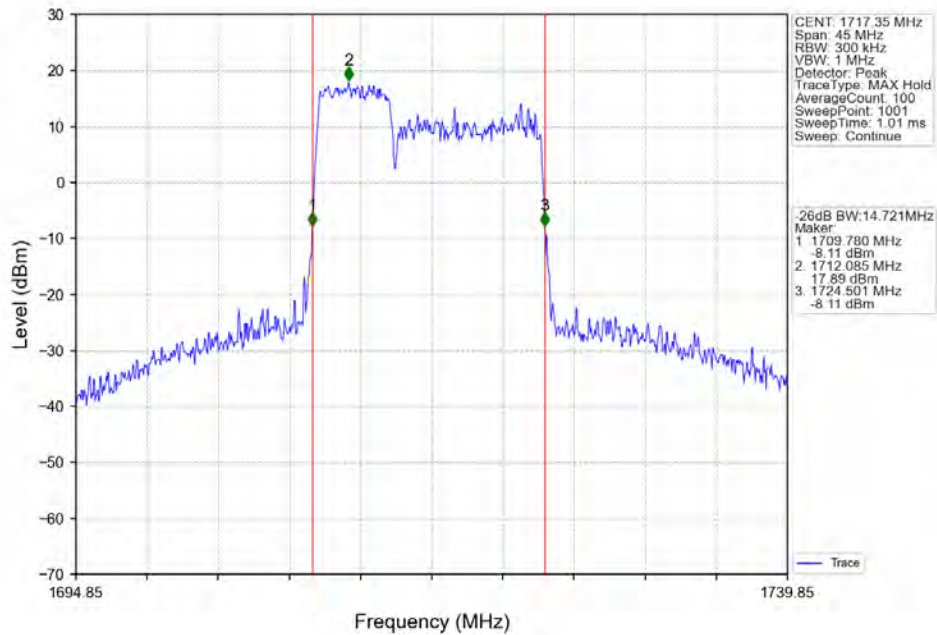
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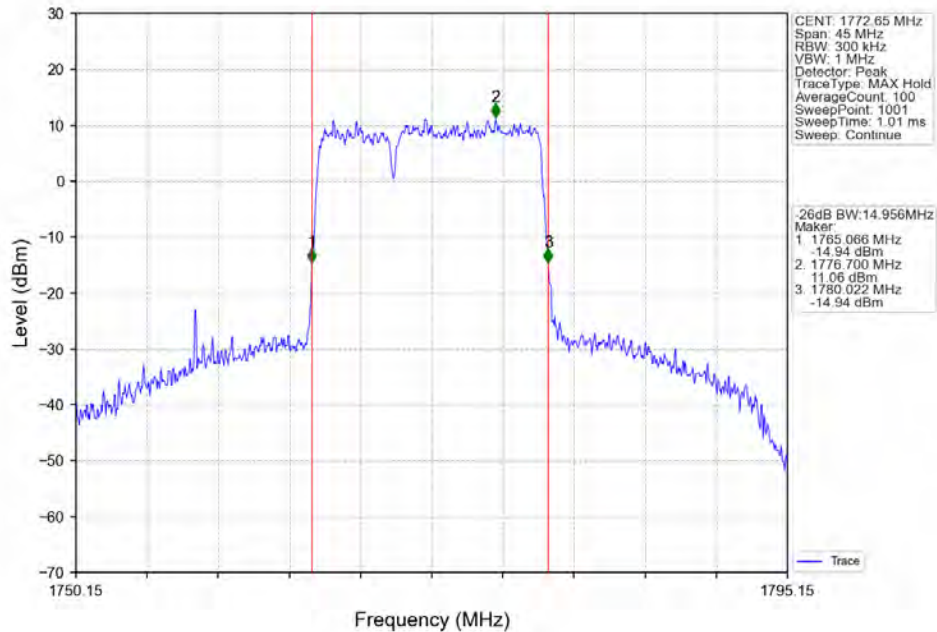
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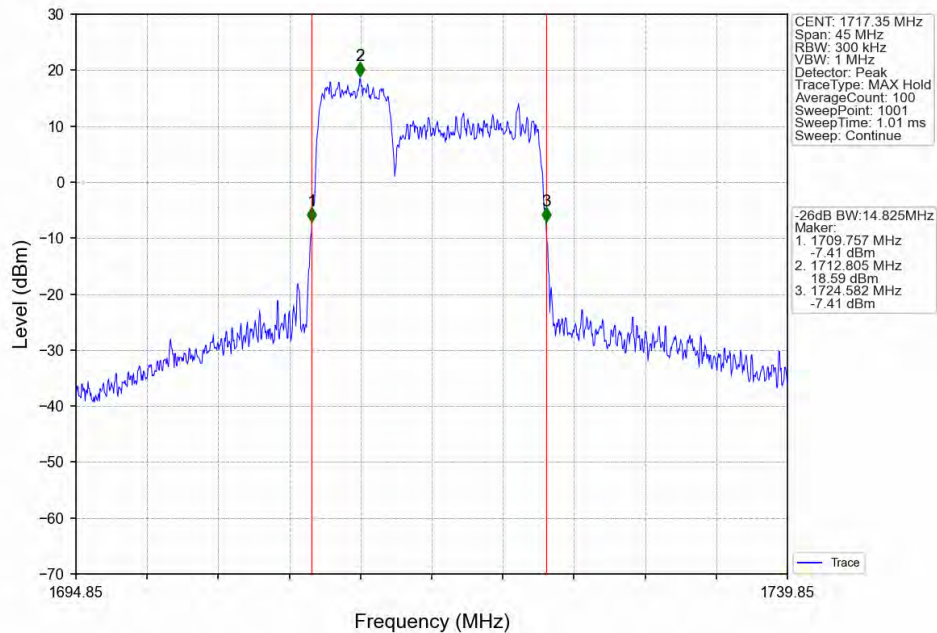
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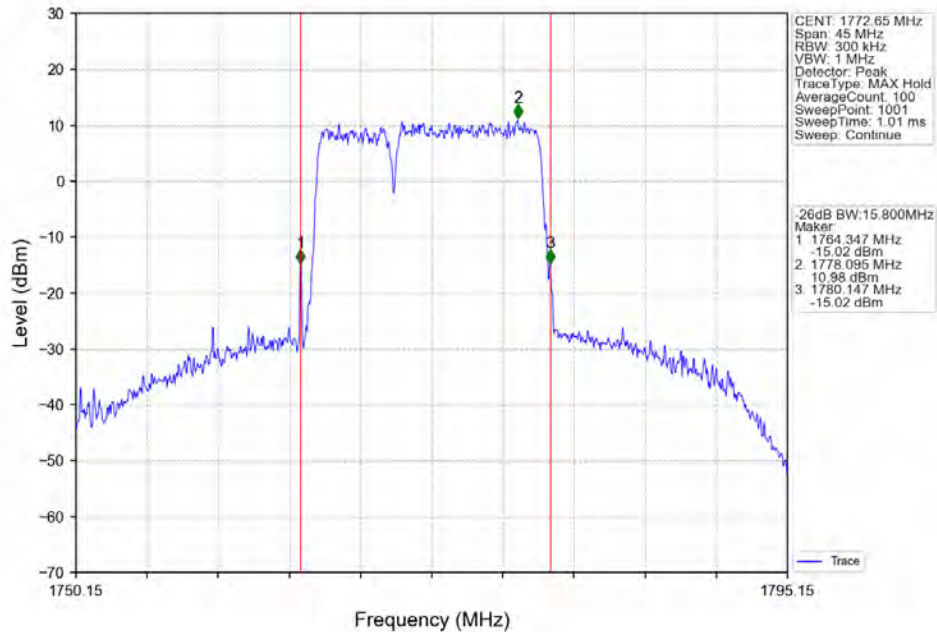
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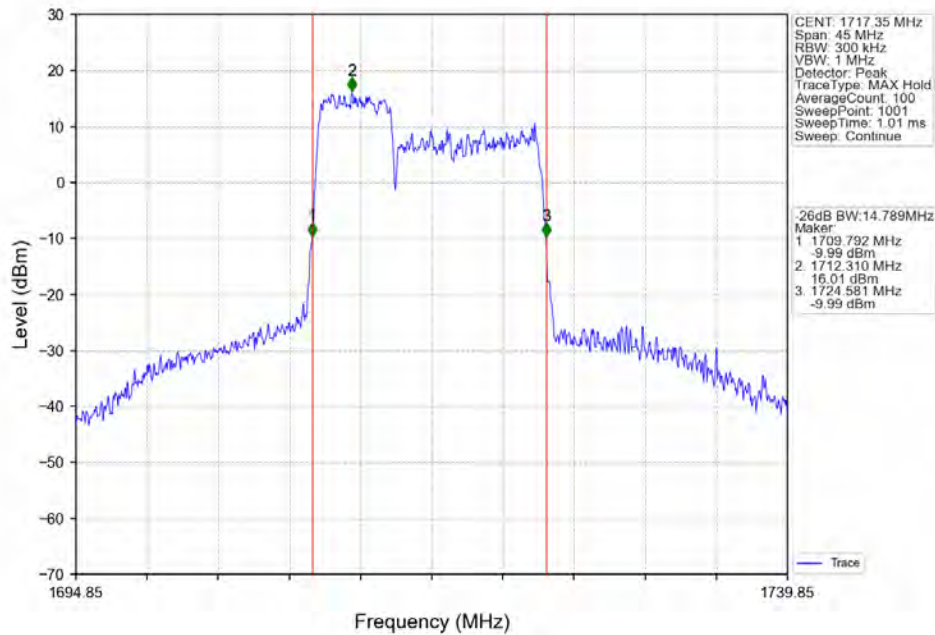
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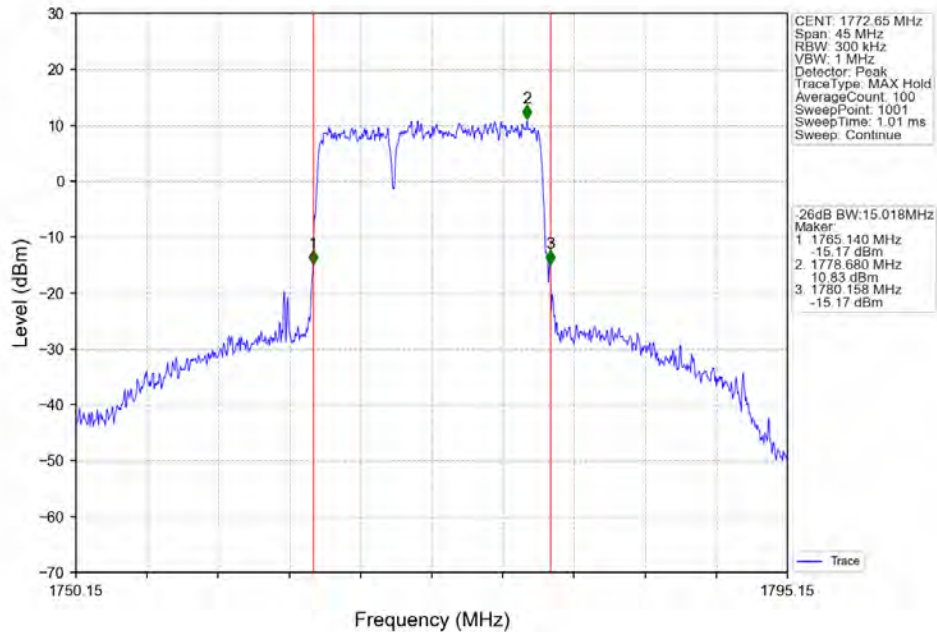
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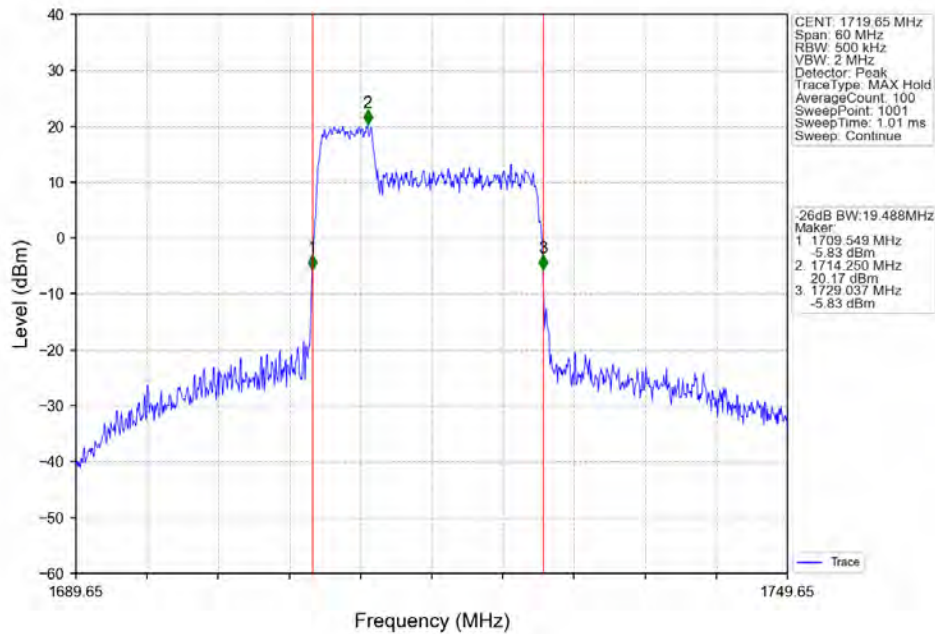
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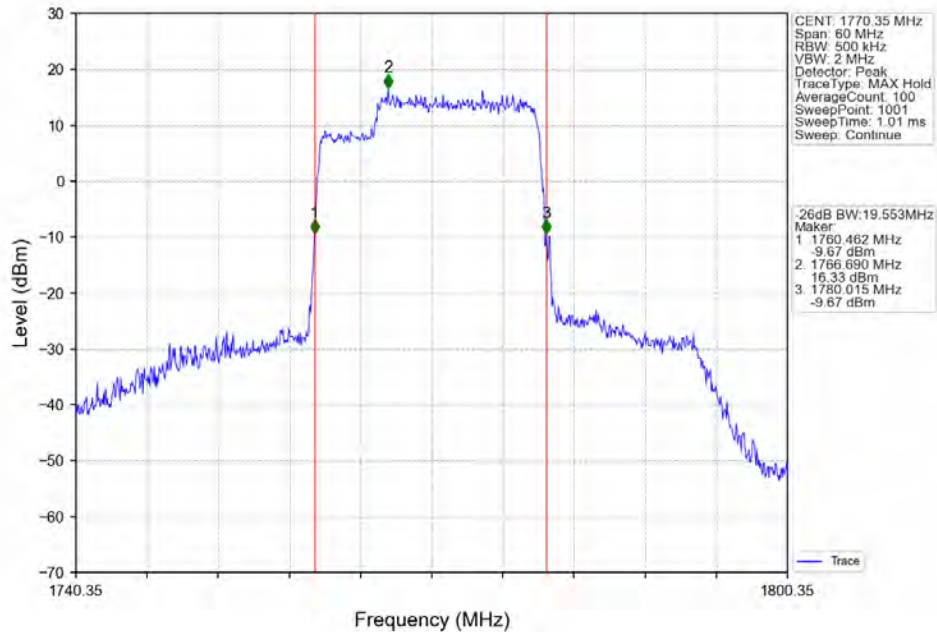
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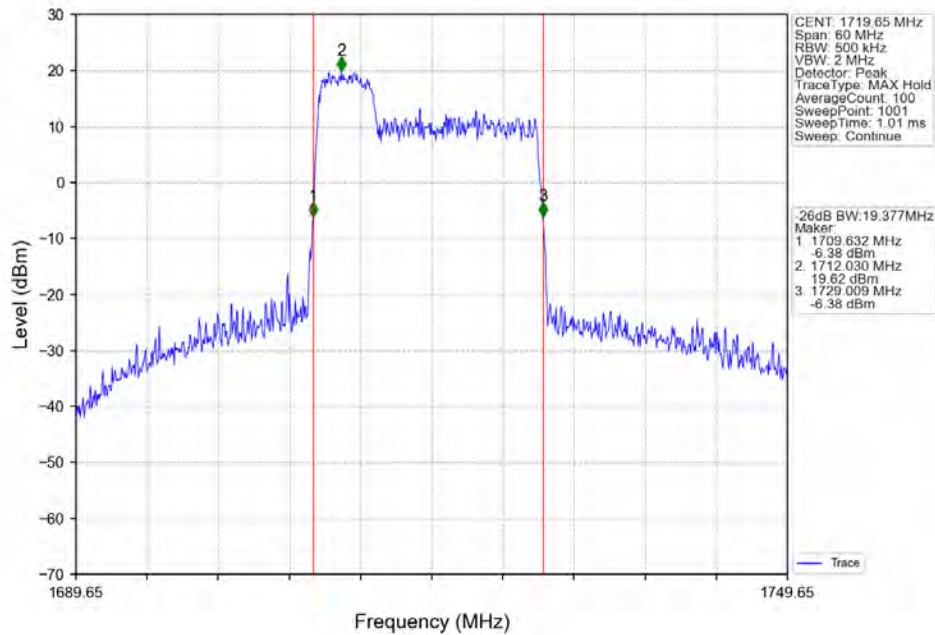
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz\_CC1:16QAM CC2:16QAM\_CC1:1763.2 CC2:1772.5MHz\_CC1: 25@0 CC2: 75@0



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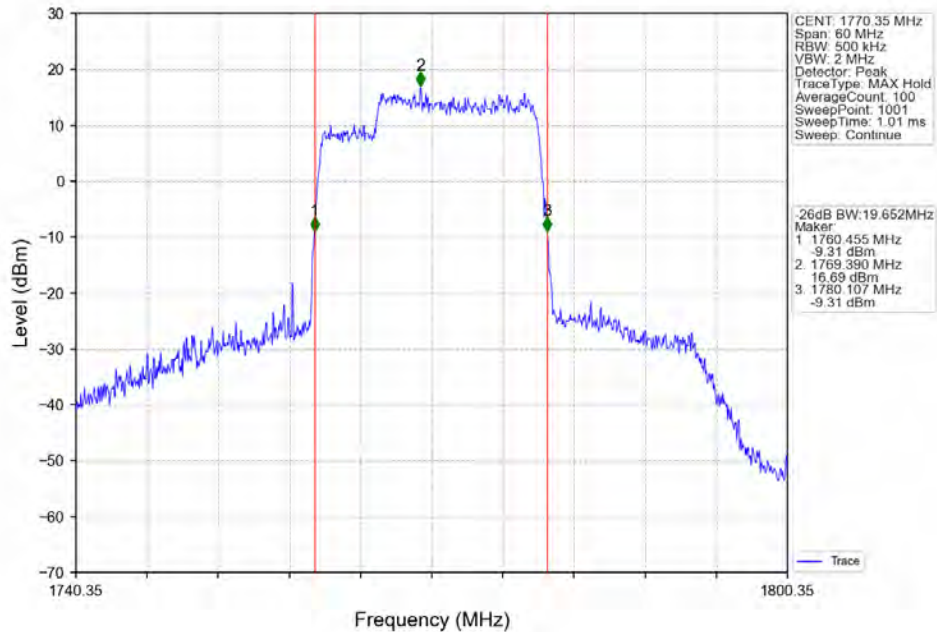
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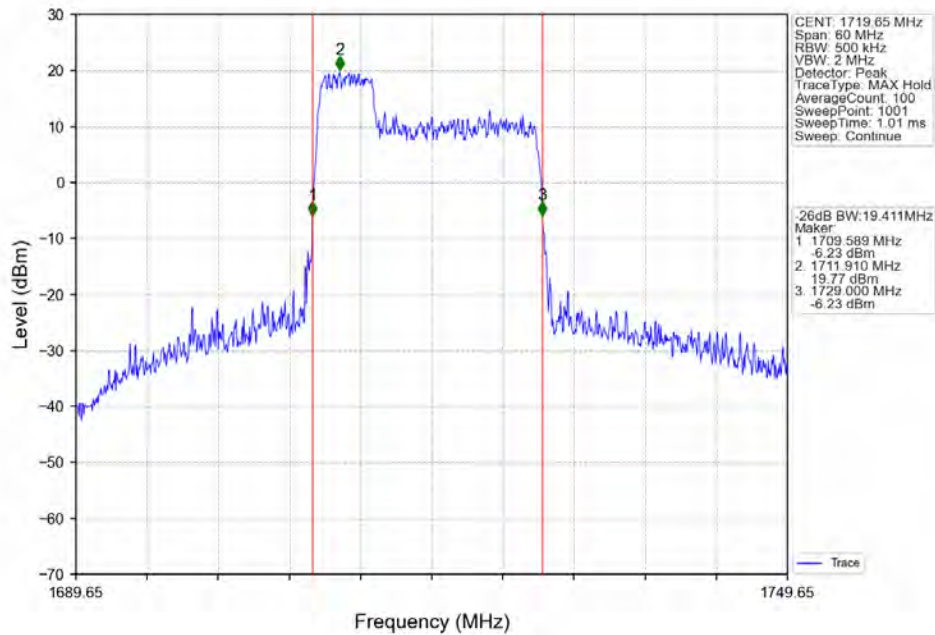
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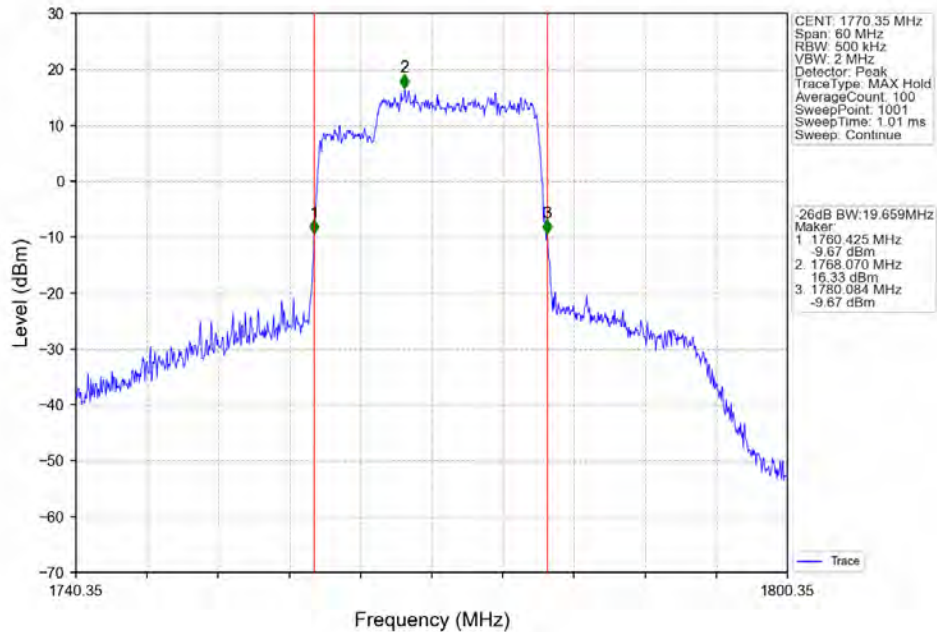
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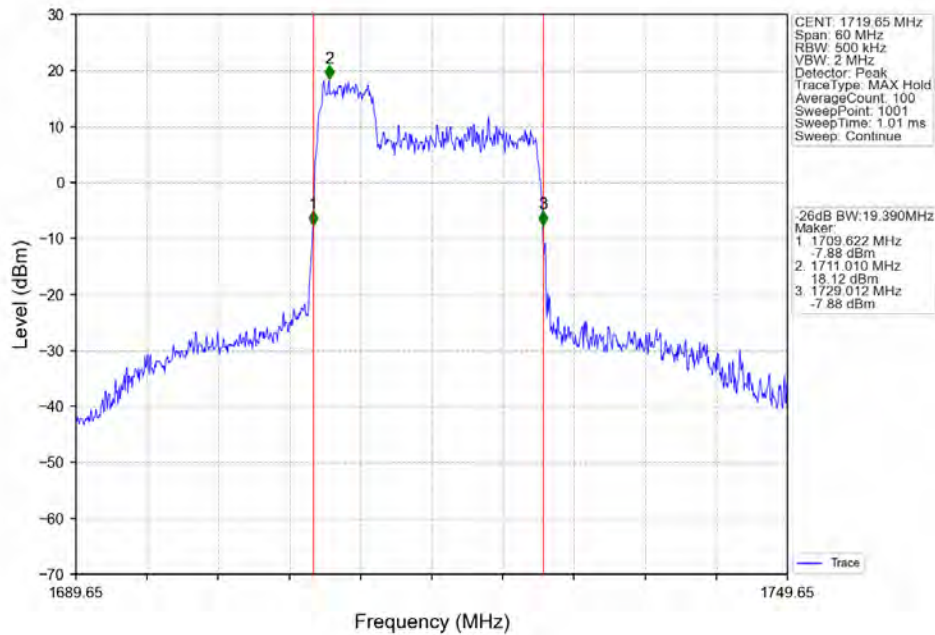
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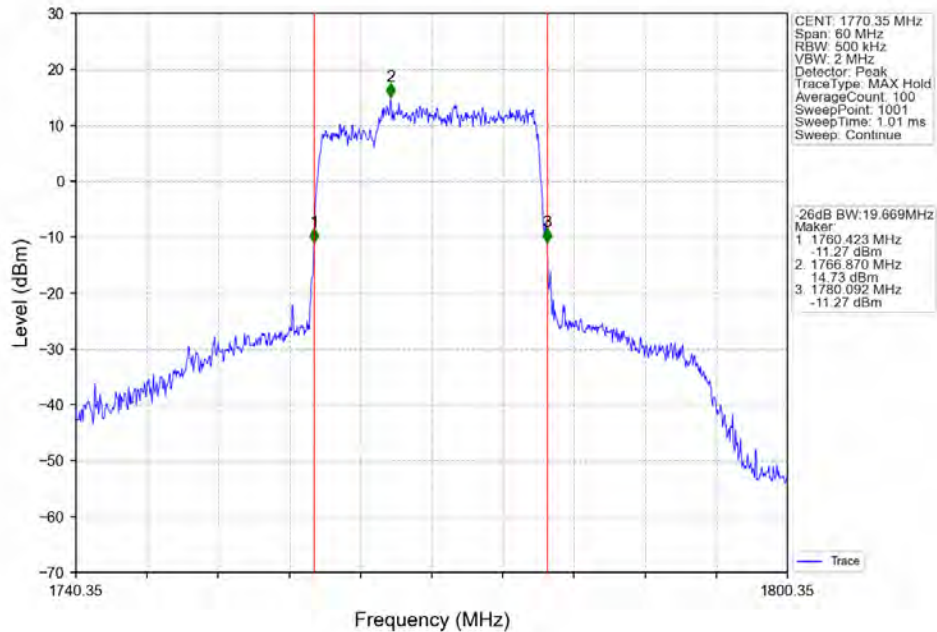
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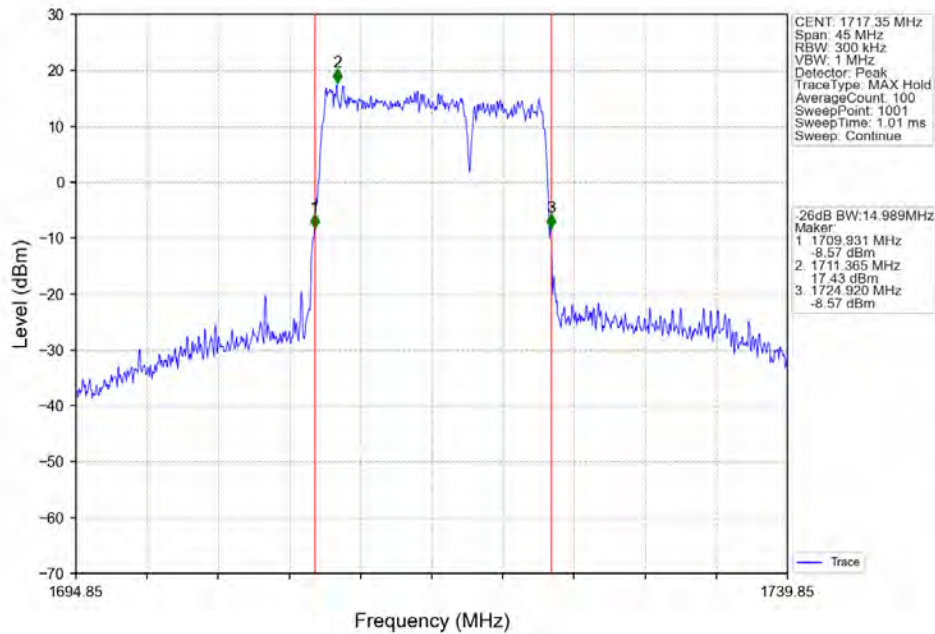
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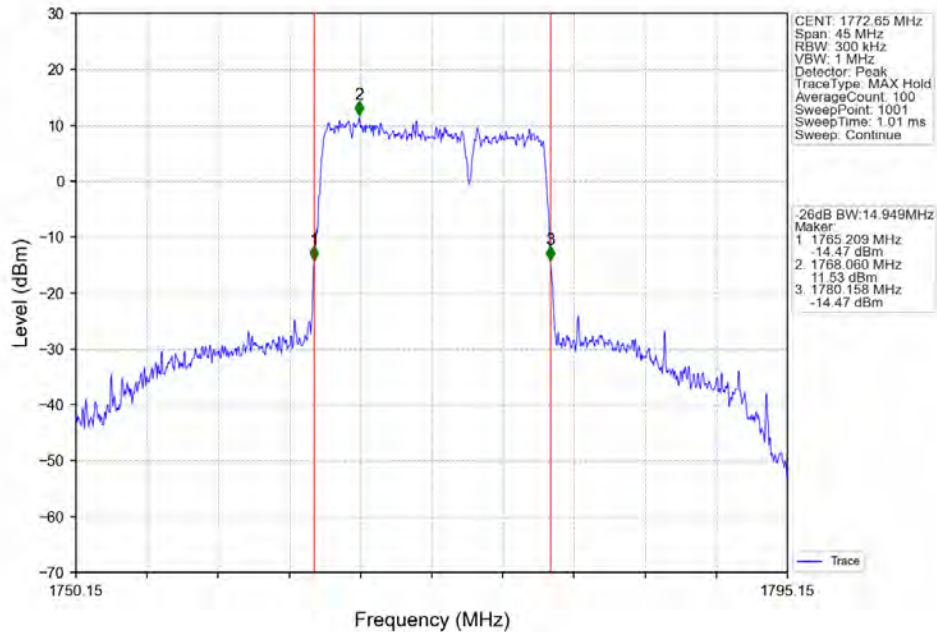
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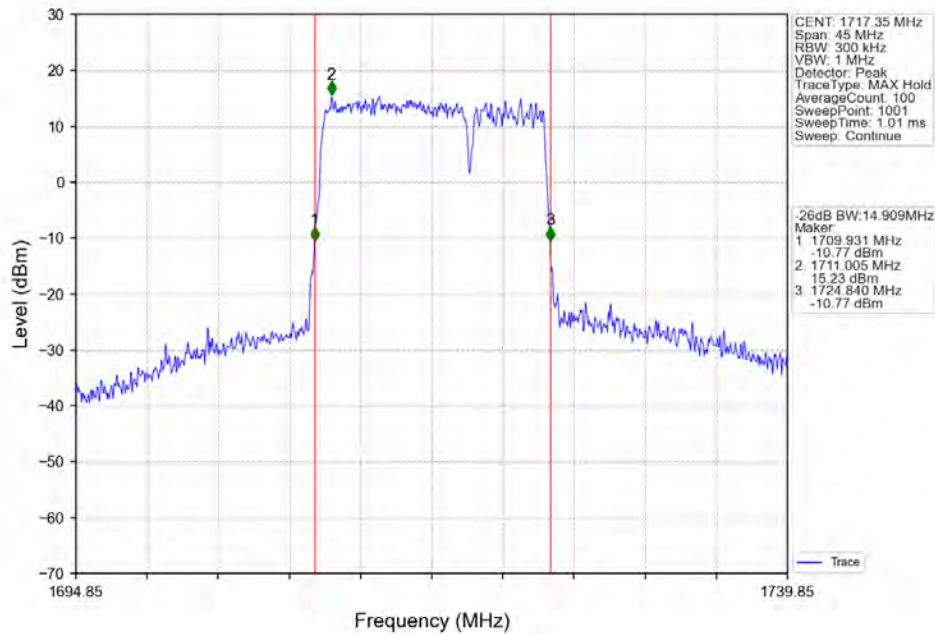
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1770.3 CC2:1777.5MHz\_CC1: 50@0 CC2: 25@0



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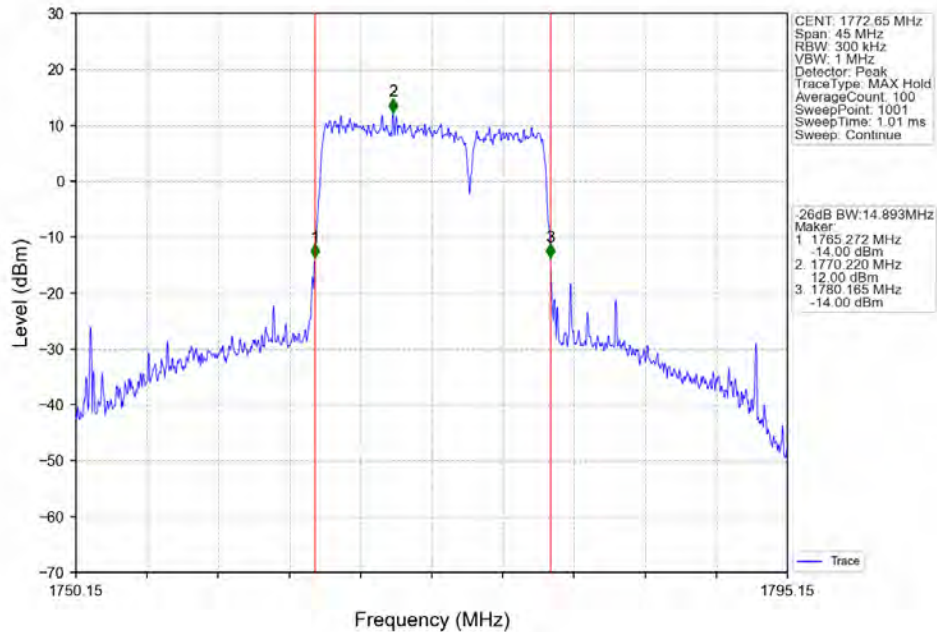
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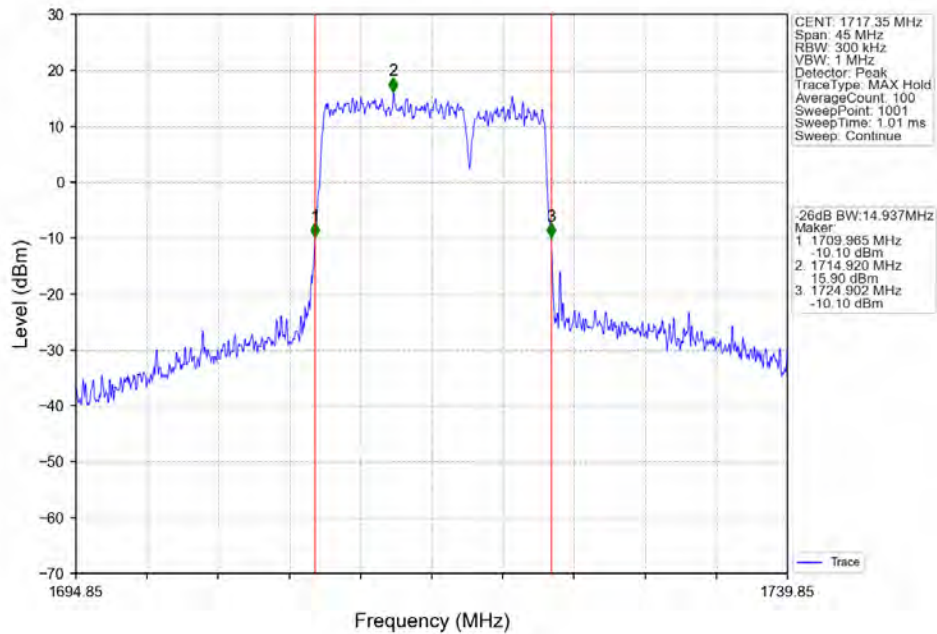
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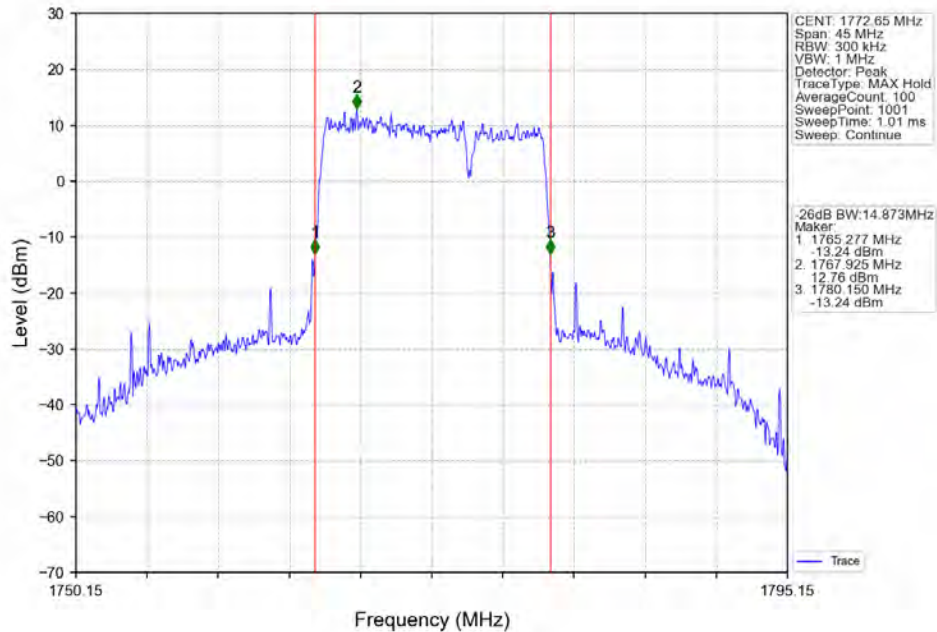
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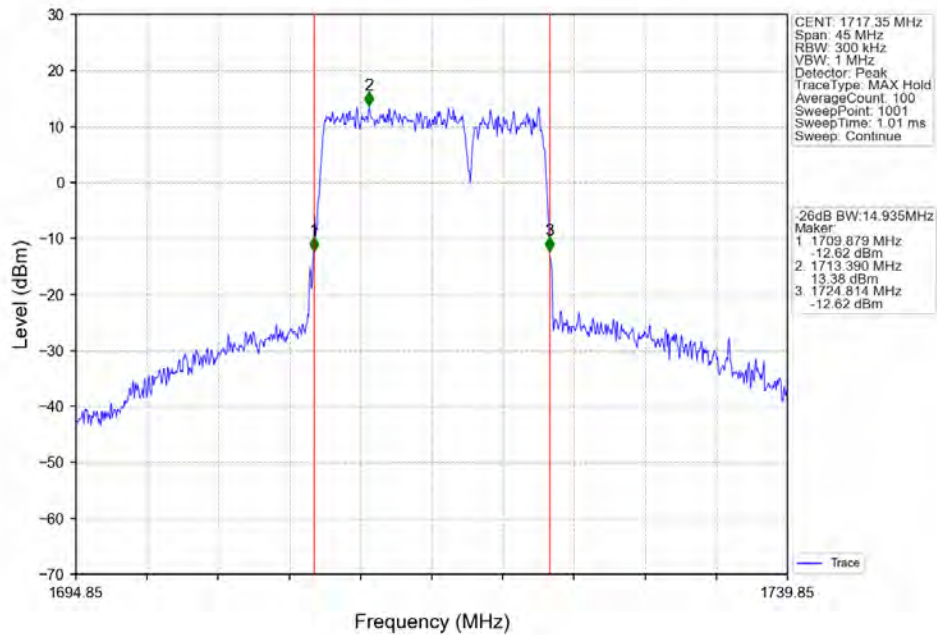
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:1770.3 CC2:1777.5MHz\_CC1: 50@0 CC2: 25@0



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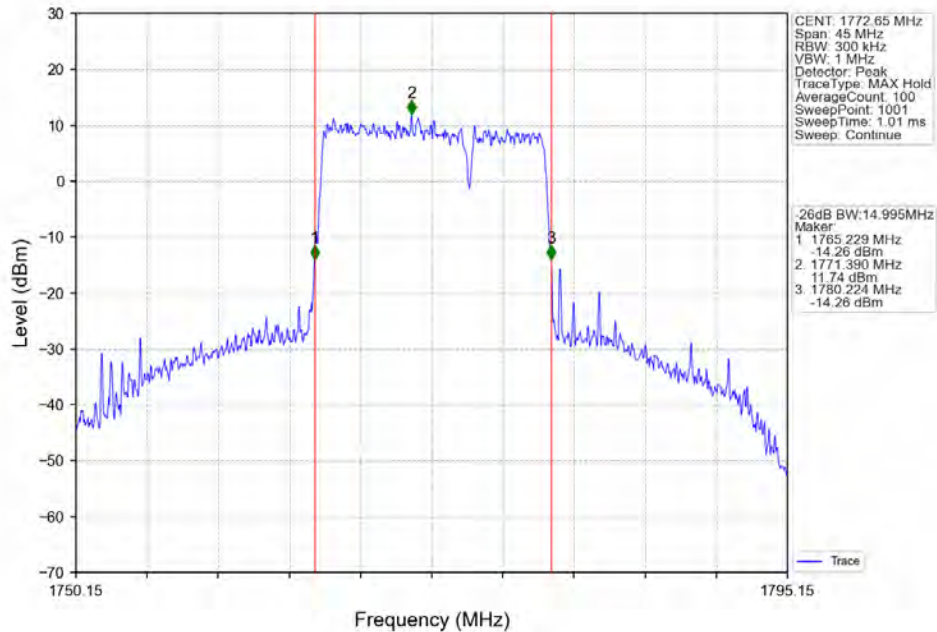
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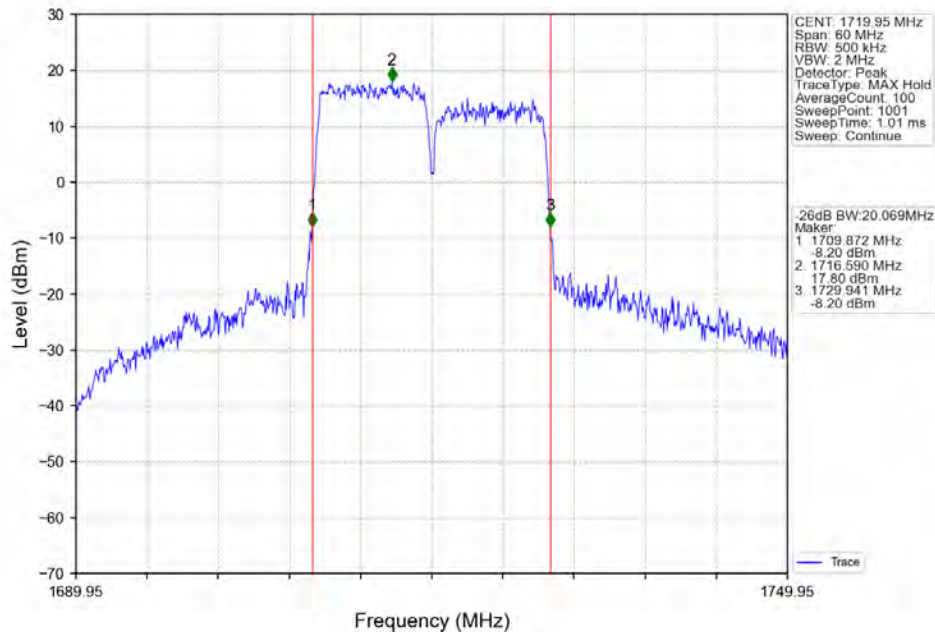
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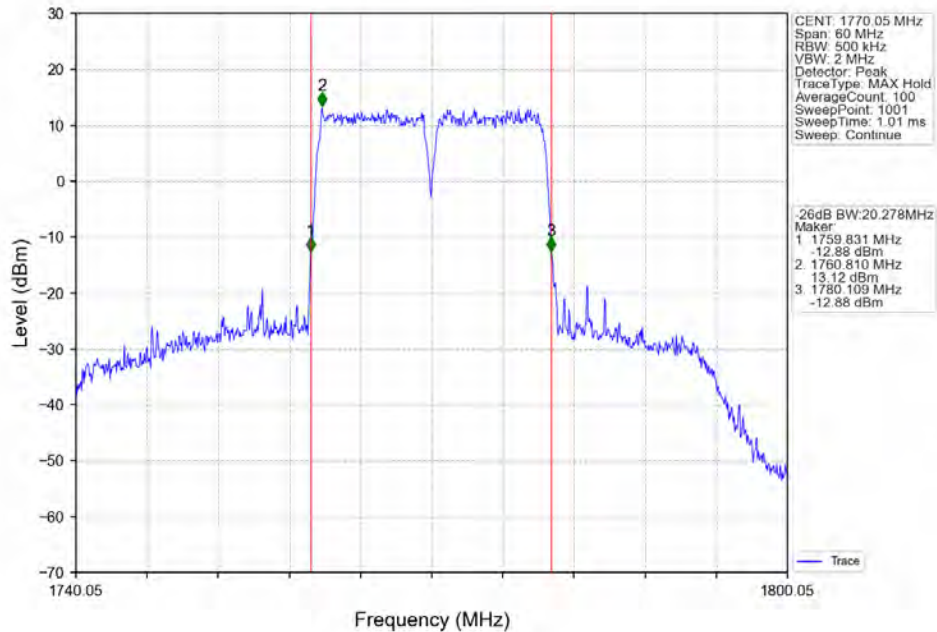
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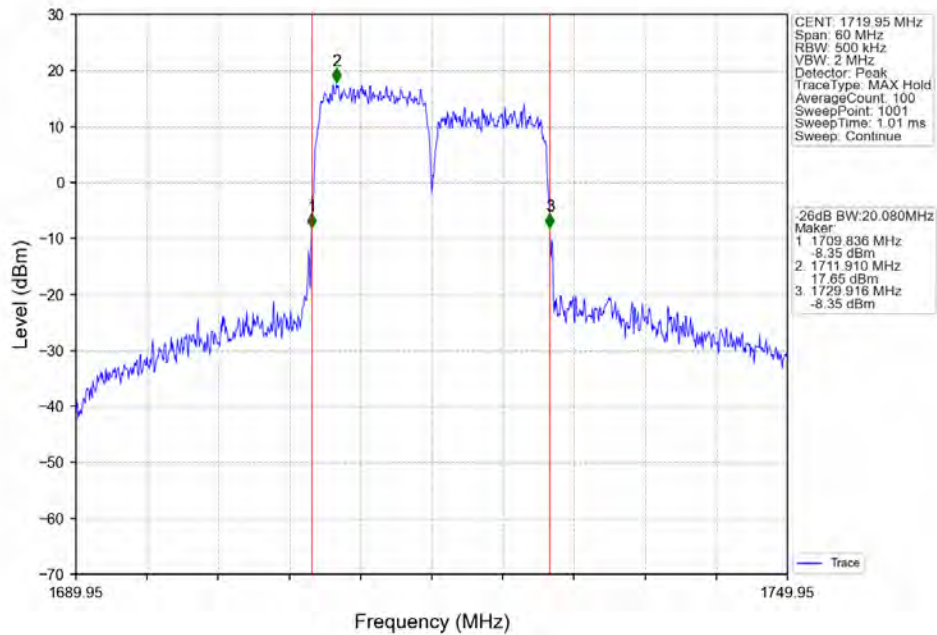
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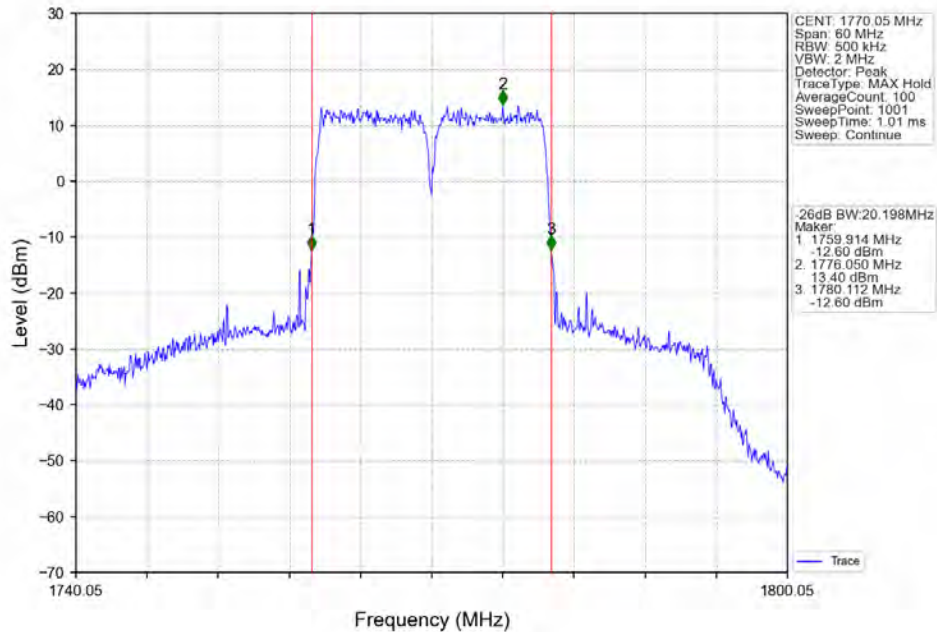
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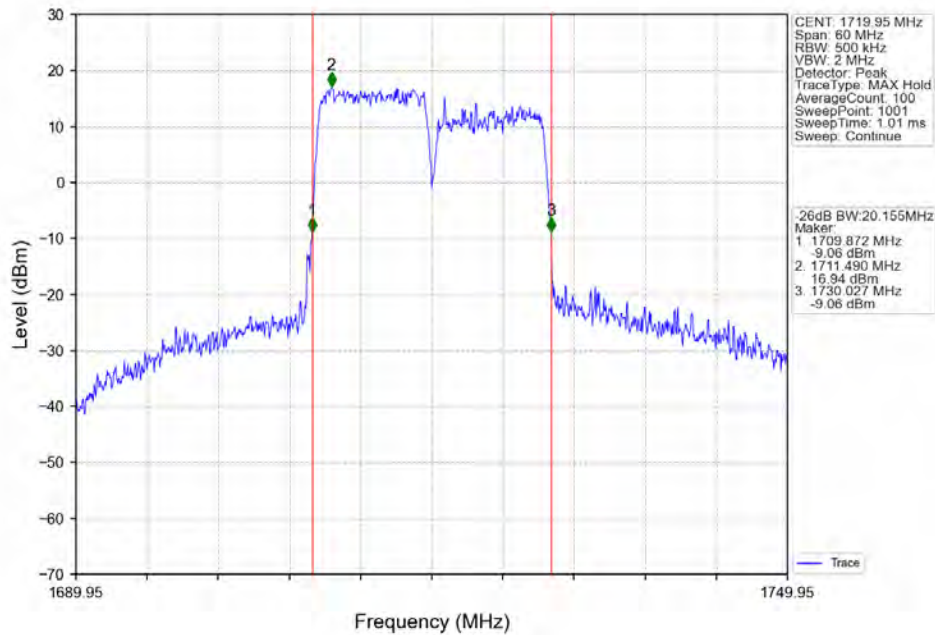
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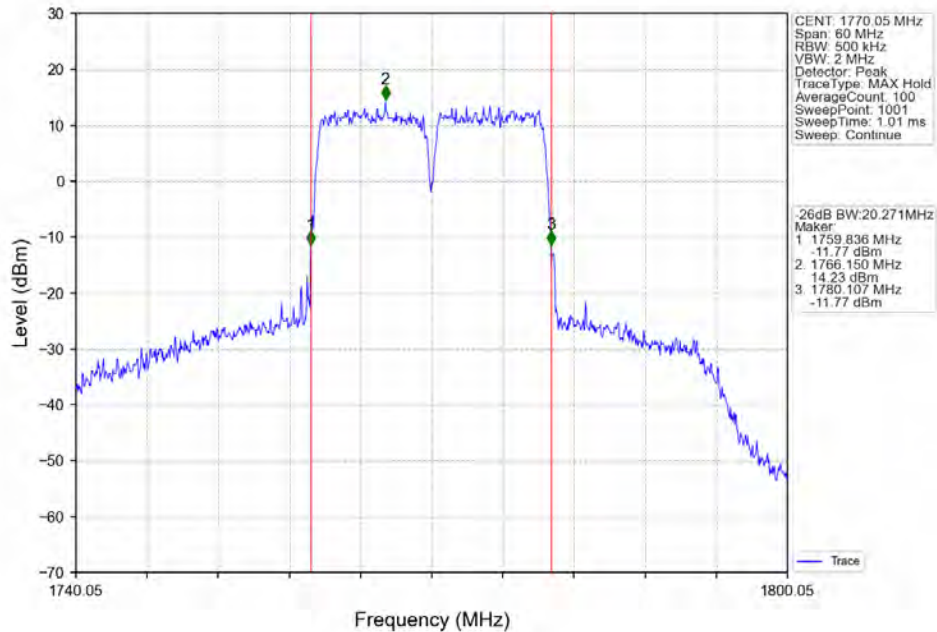
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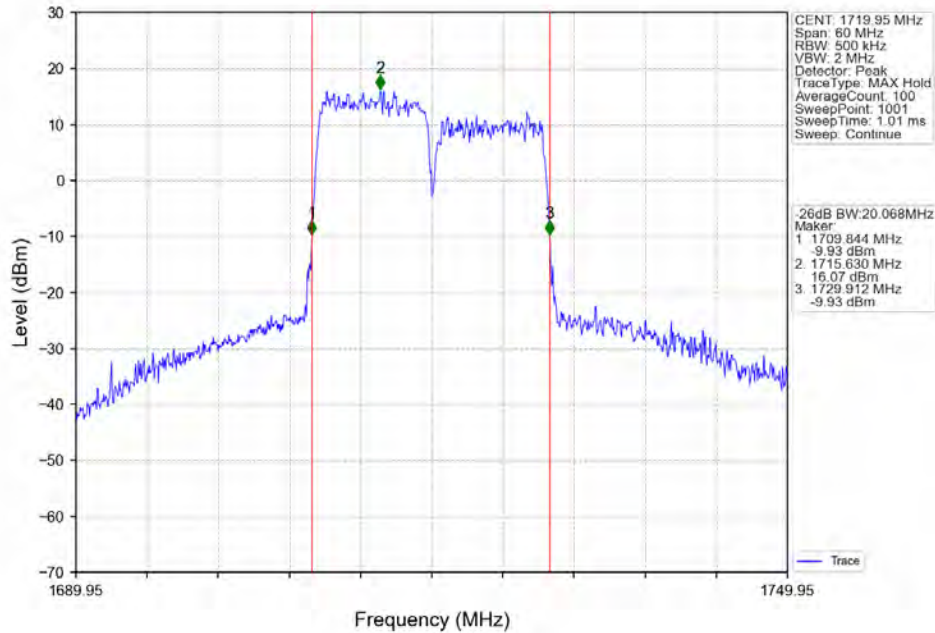
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:1715 CC2:1724.9MHz\_CC1: 50@0 CC2: 50@0



CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:1765.1 CC2:1775MHz\_CC1: 50@0 CC2: 50@0



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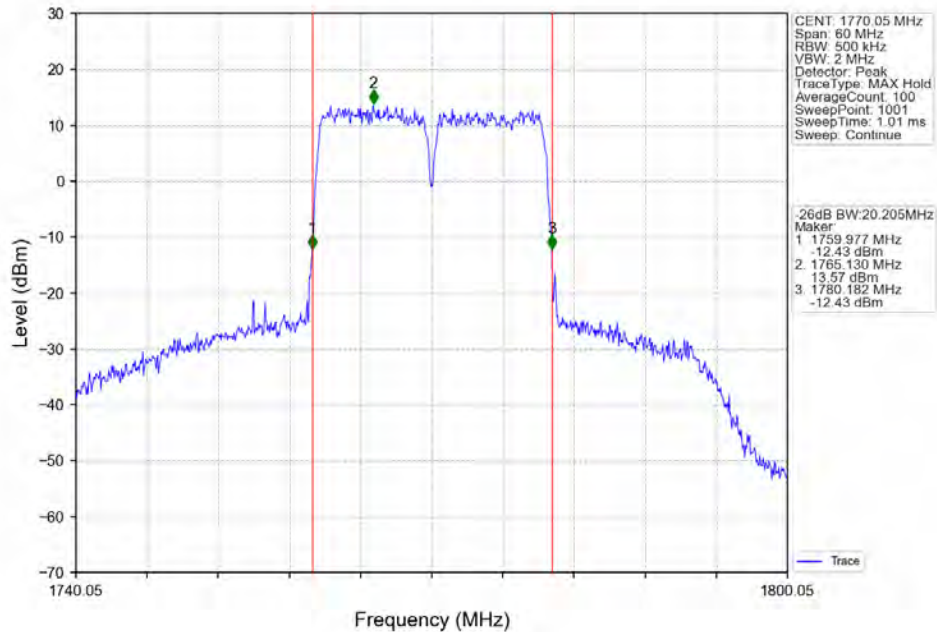
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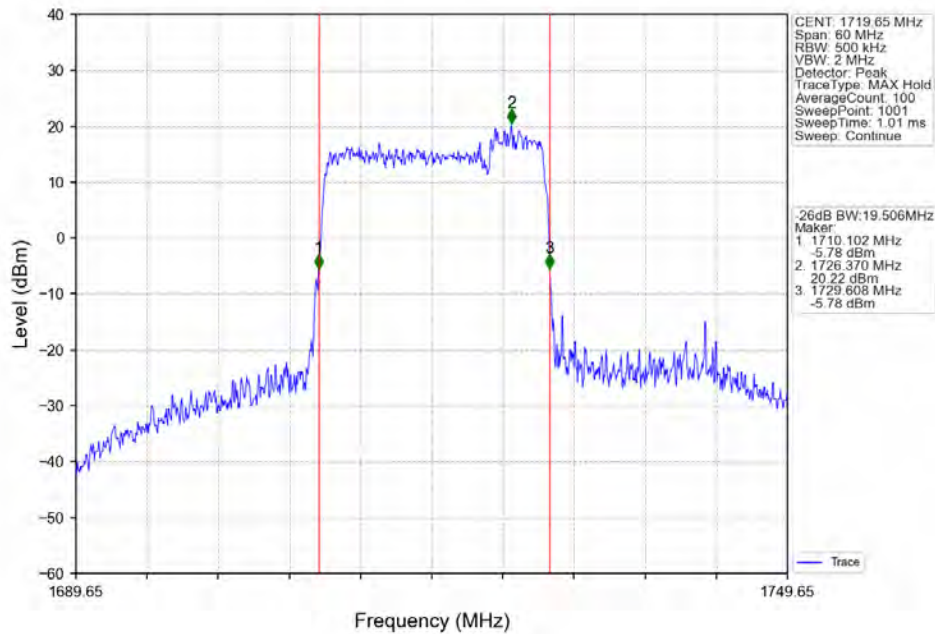
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CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1717.5\_CC2:1726.8MHz\_CC1:75@0\_CC2:25@0



CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1:75@0\_CC2:25@0



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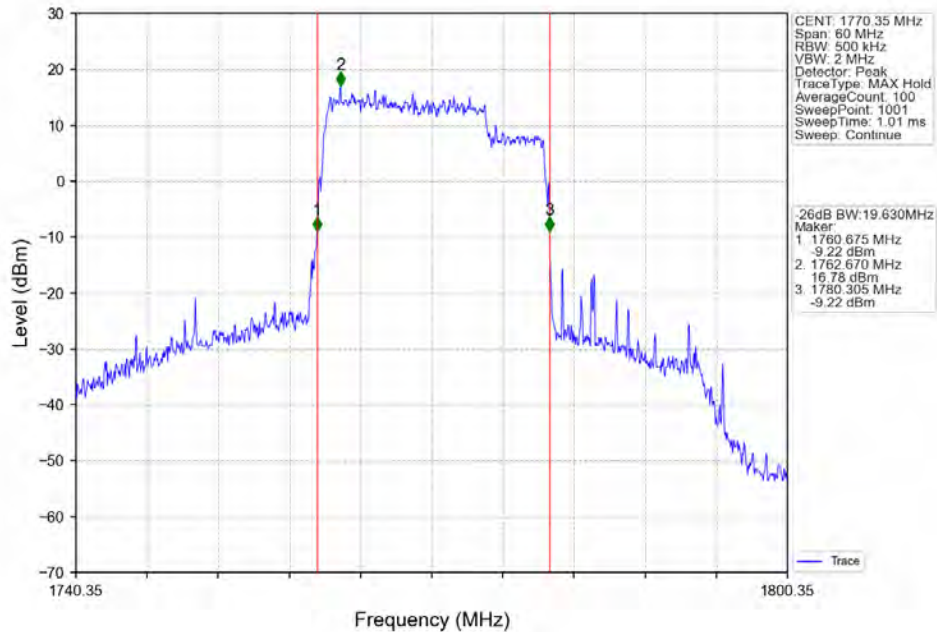
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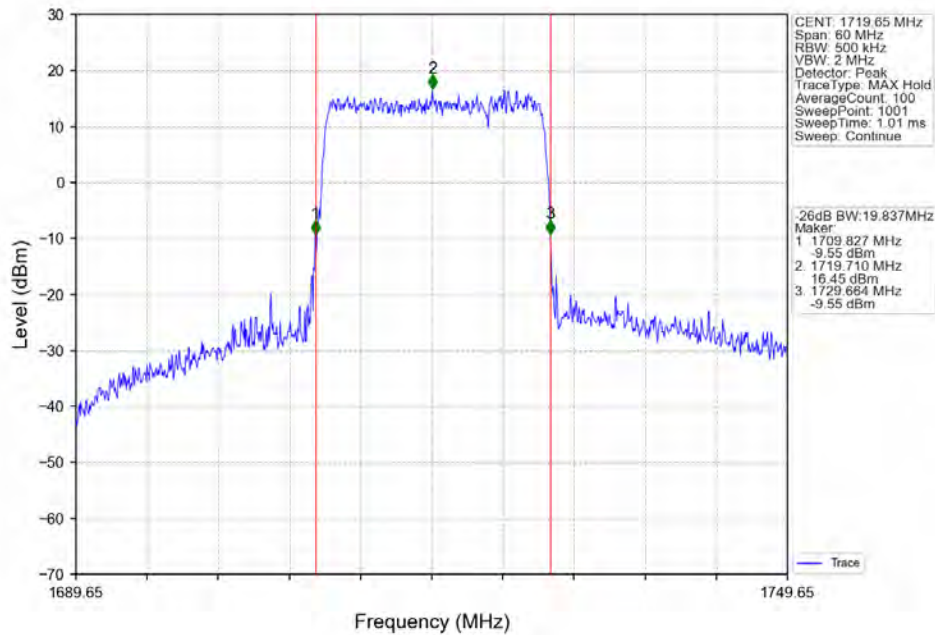
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CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1717.5 CC2:1726.8MHz\_CC1: 75@0 CC2: 25@0



CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:1768.2 CC2:1777.5MHz\_CC1: 75@0 CC2: 25@0



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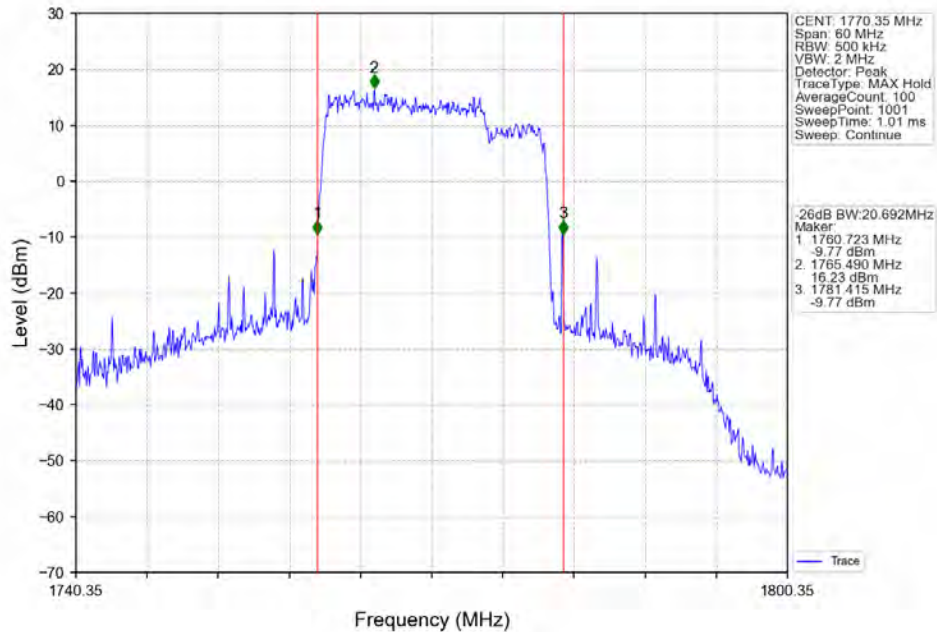
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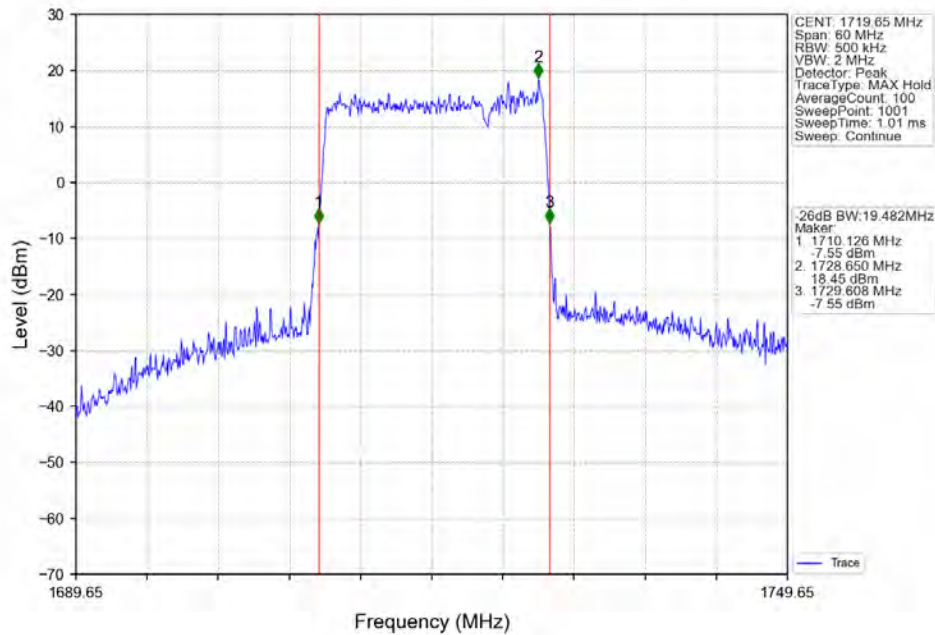
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CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:1768.2 CC2:1777.5MHz\_CC1: 75@0 CC2: 25@0



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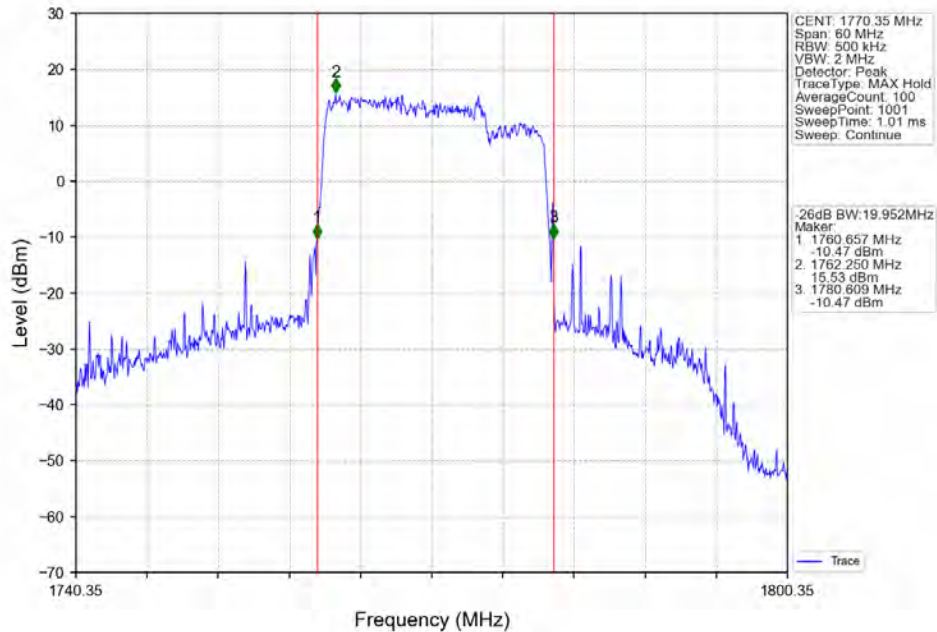
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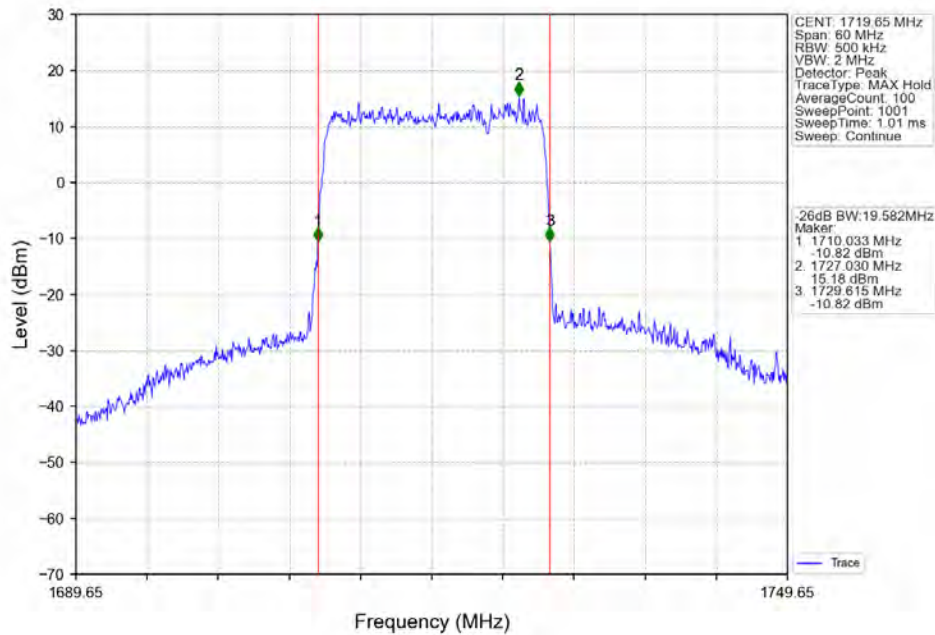
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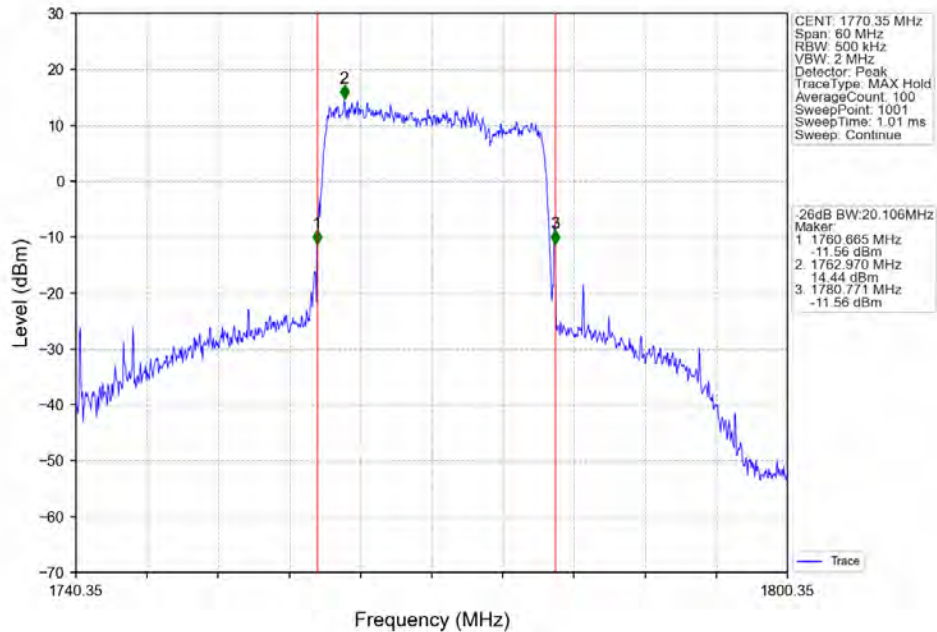
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## 3. Spurious Emission & Band Edge

### 3.1 CA\_66B\_NTNV

#### 3.1.1 Test Result

| Band: CA_66B / NTN |                              |                          |                        |                     |     |     |       |         |
|--------------------|------------------------------|--------------------------|------------------------|---------------------|-----|-----|-------|---------|
| BW<br>(MHz)        | Modulation                   | Frequency<br>(MHz)       | RB<br>Allocation       | Spurious Emission   |     |     |       | Verdict |
|                    |                              |                          |                        | CC1                 | CC2 | Sum | Limit |         |
| CC1:5<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1712.5<br>CC2:1717.3 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:1772.7<br>CC2:1777.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 1@24<br>CC2: 1@24 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:5<br>CC2:10    | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1712.5<br>CC2:1719.7 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:1767.8<br>CC2:1775   | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 1@24<br>CC2: 1@49 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:5<br>CC2:15    | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1712.5<br>CC2:1721.8 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 75@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:1763.2<br>CC2:1772.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 1@24<br>CC2: 1@74 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 25@0<br>CC2: 75@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:10<br>CC2:5    | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1715<br>CC2:1722.2   | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 50@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:1770.3<br>CC2:1777.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 1@49<br>CC2: 1@24 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                          | CC1: 50@0              | Refer To Test Graph |     |     |       | Pass    |



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|                  |                              |                          |                        |                     |      |
|------------------|------------------------------|--------------------------|------------------------|---------------------|------|
|                  |                              |                          | CC2: 25@0              |                     |      |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1715<br>CC2:1724.9   | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 50@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                              | CC1:1765.1<br>CC2:1775   | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 1@49<br>CC2: 1@49 | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 50@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                              |                          |                        |                     |      |
| CC1:15<br>CC2:5  | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:1717.5<br>CC2:1726.8 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 75@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                              | CC1:1768.2<br>CC2:1777.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 1@74<br>CC2: 1@24 | Refer To Test Graph | Pass |
|                  |                              |                          | CC1: 75@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                              |                          |                        |                     |      |



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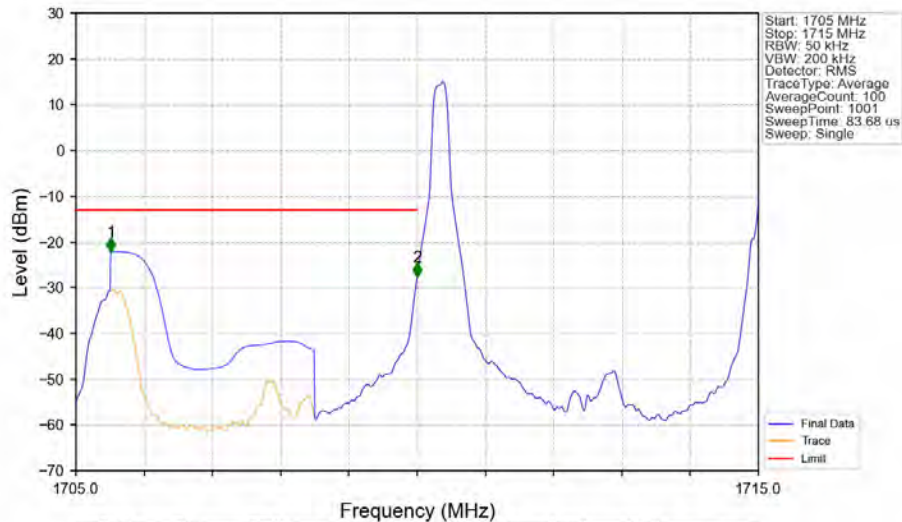
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### 3.1.2 Test Graph

CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1717.3MHz\_CC1: 1@0\_CC2: 1@0



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1         | 1705.510   | -22.15      | -13         | Pass   |
| 1709        | 1710       | 0.05      | /      | 2         | 1710.000   | -27.70      | -13         | Pass   |
| 1710        | 1715       | 0.05      | /      | /         | /          | /           | /           | /      |

CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1717.3MHz\_CC1: 1@0\_CC2: 1@0



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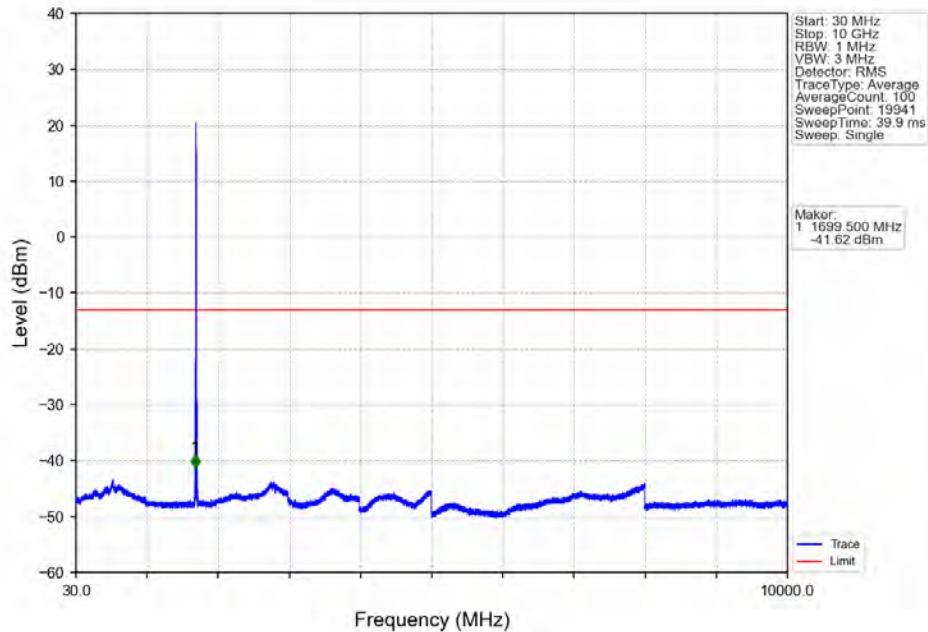
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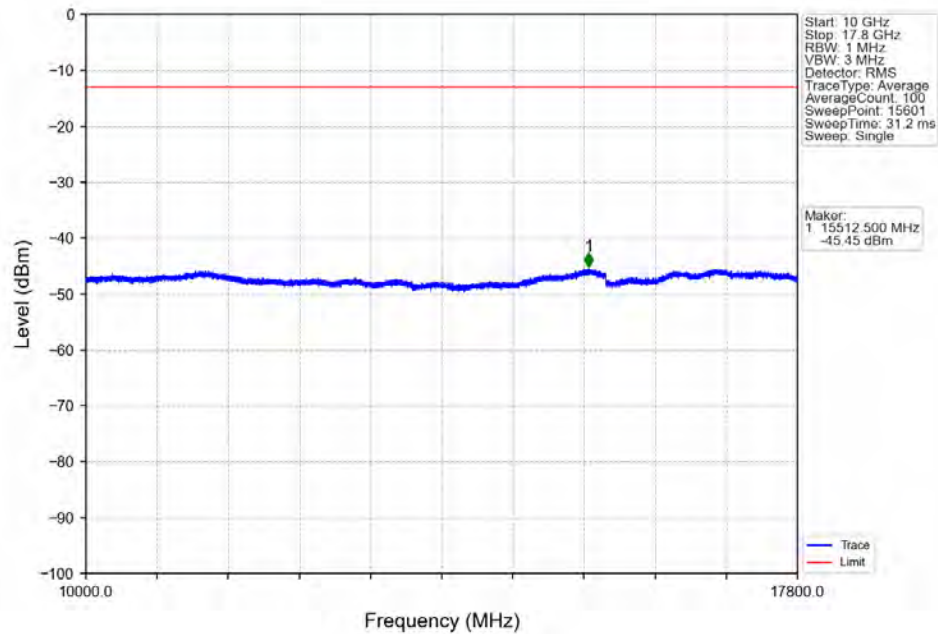
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1717.3MHz\_CC1: 25@0 CC2: 25@0



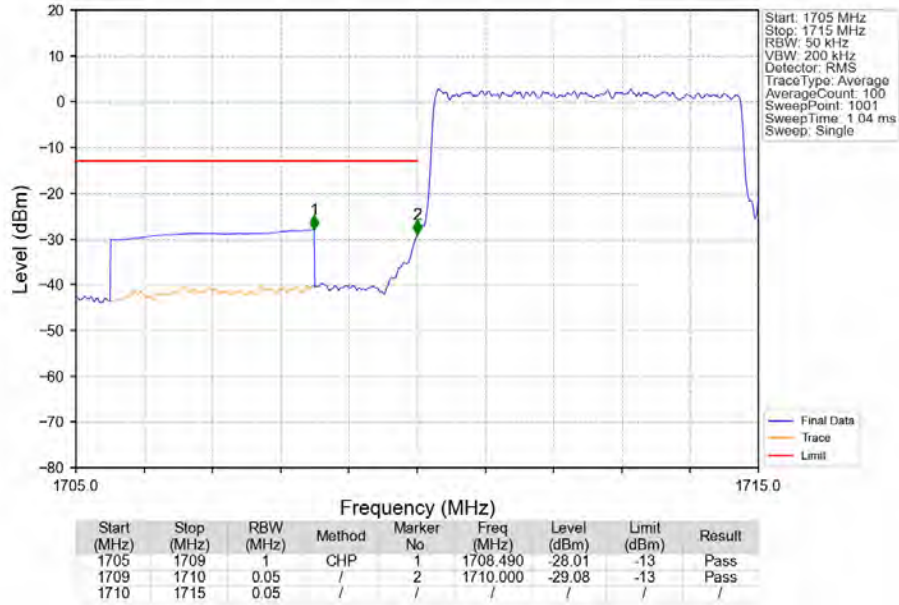
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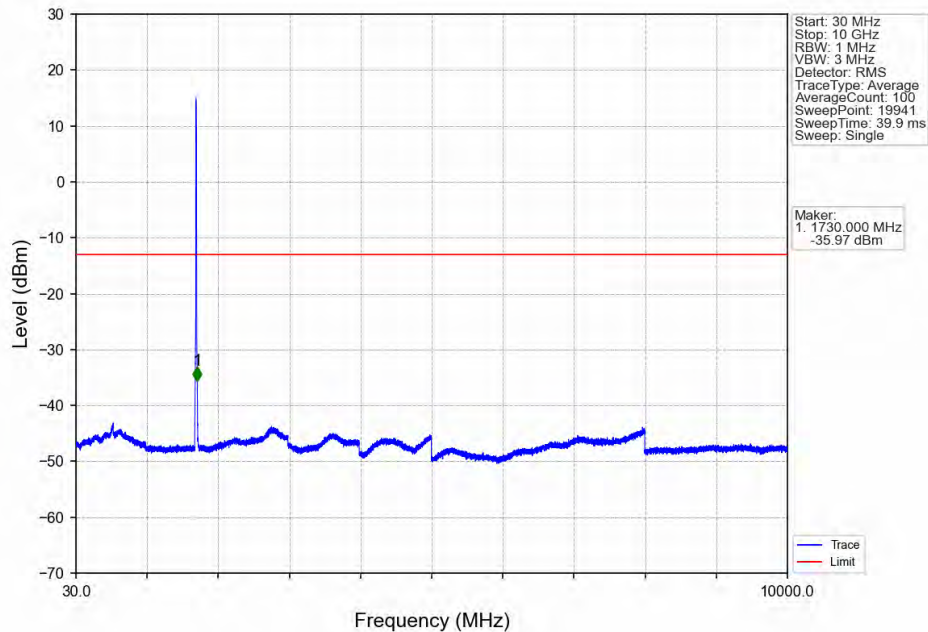
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1717.3MHz\_CC1: 25@0 CC2: 25@0



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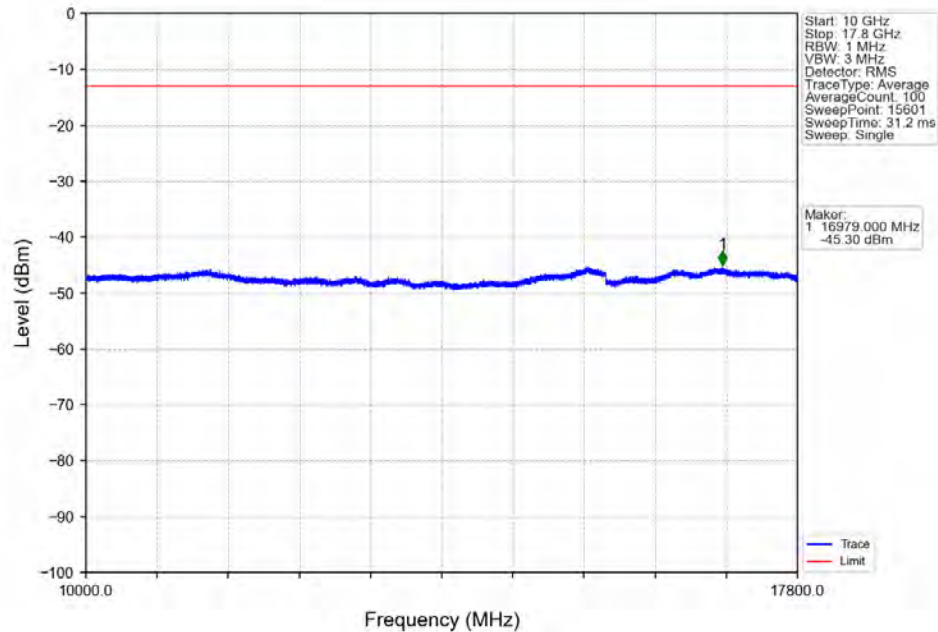
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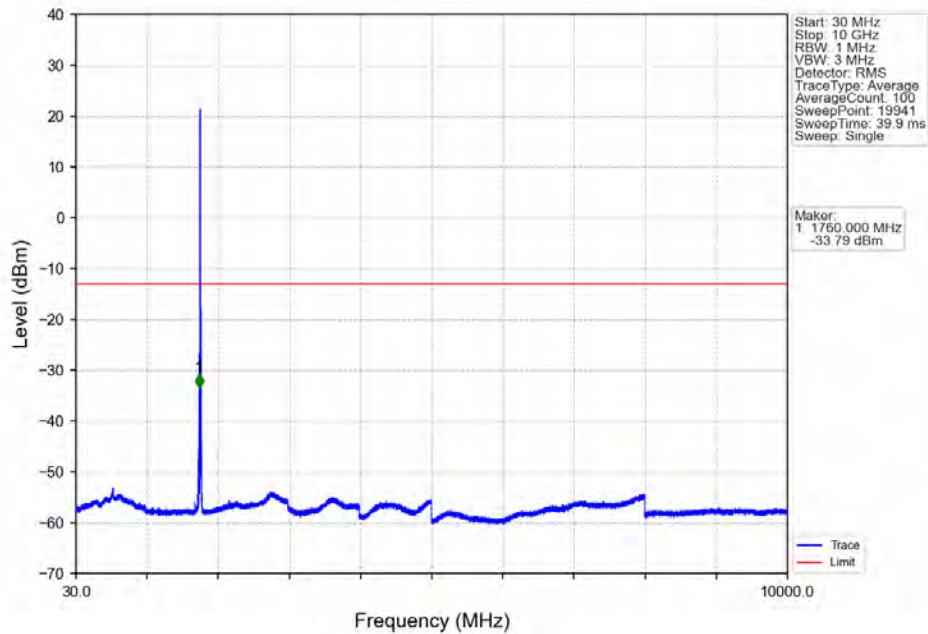
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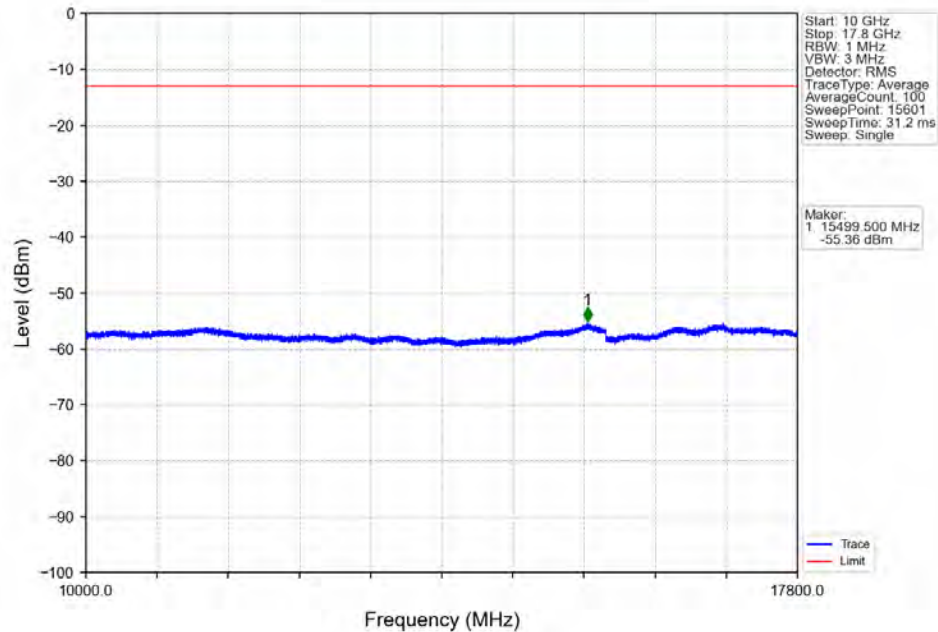
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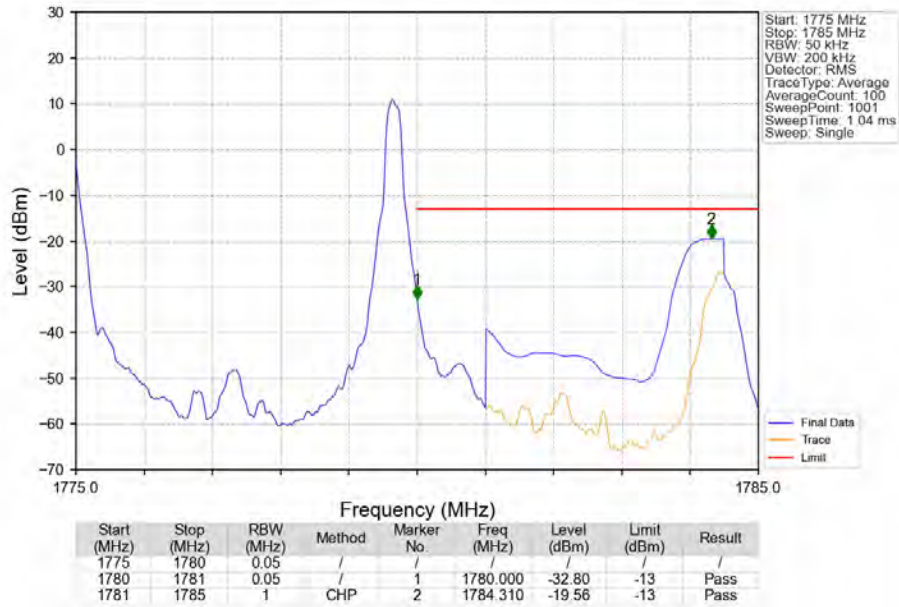
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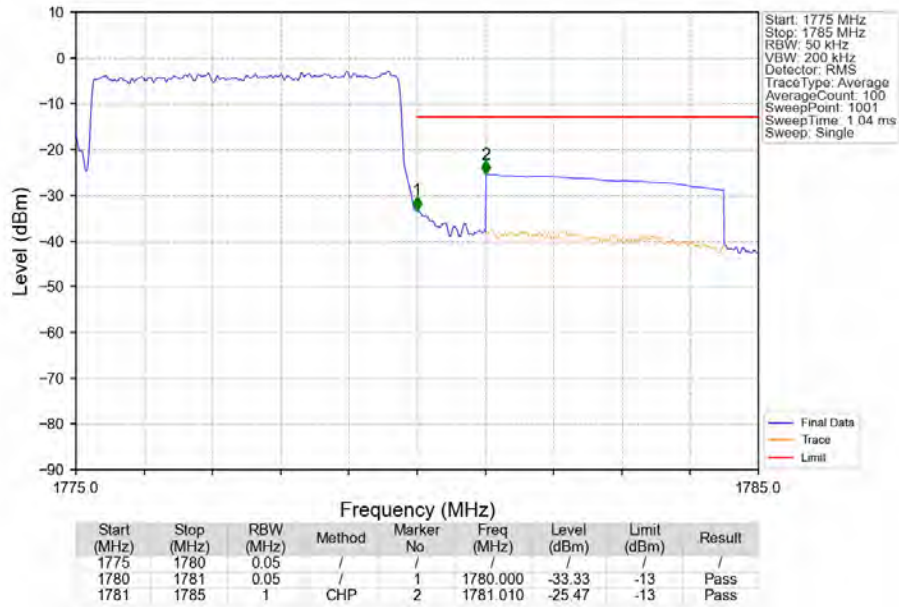
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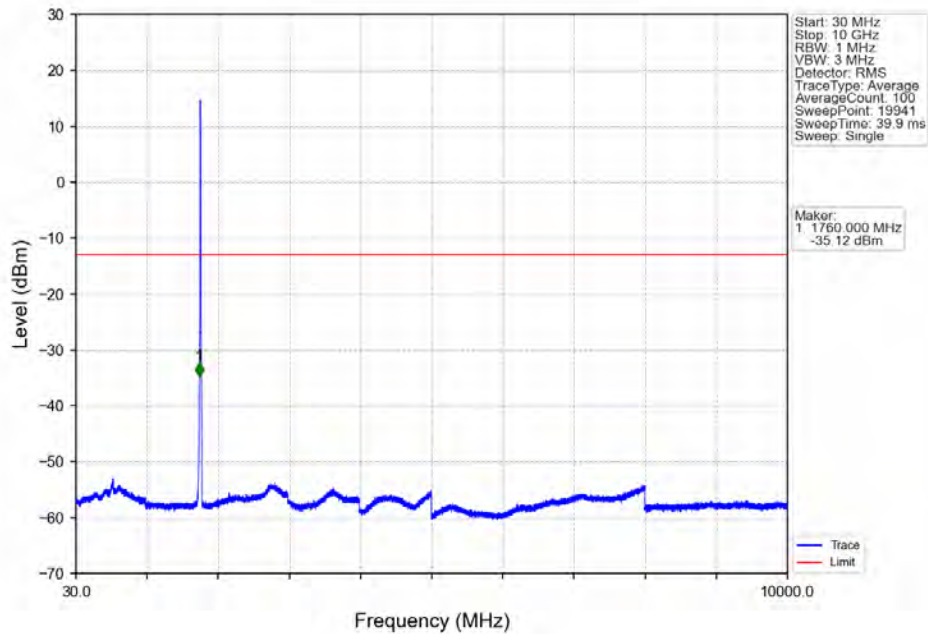
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1772.7\_CC2:1777.5MHz\_CC1: 25@0 CC2: 25@0



CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1772.7\_CC2:1777.5MHz\_CC1: 25@0 CC2: 25@0



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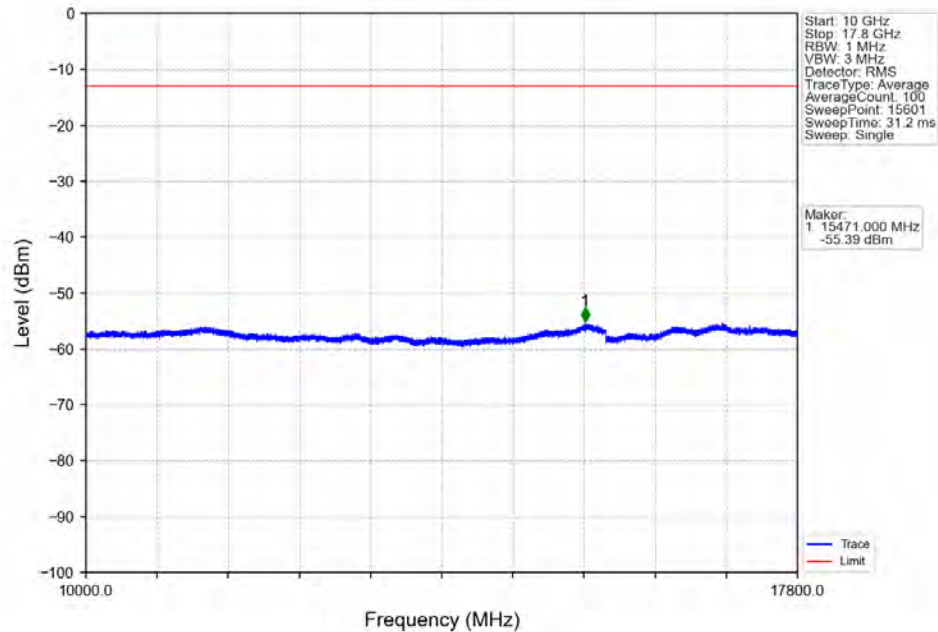
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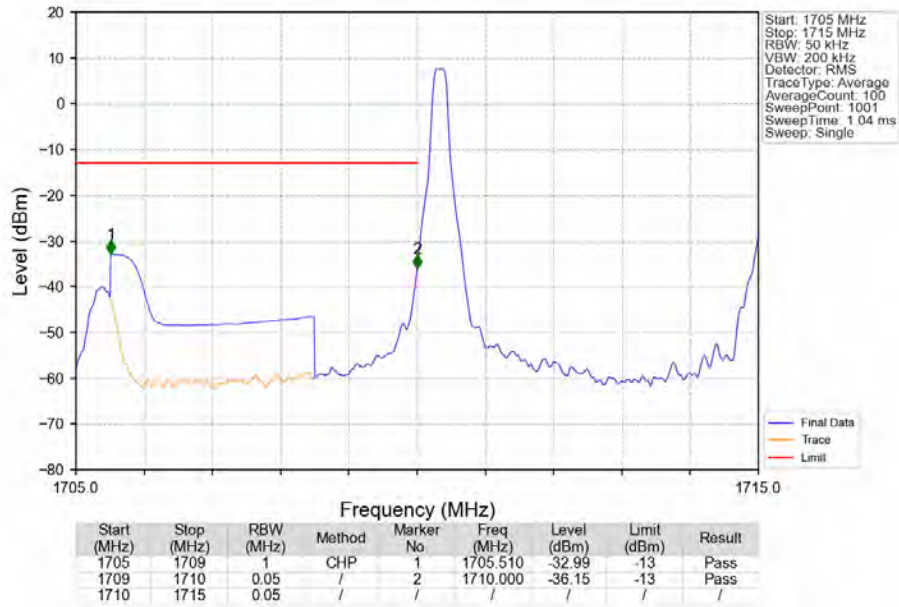
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1719.7MHz\_CC1: 1@0 CC2: 1@0



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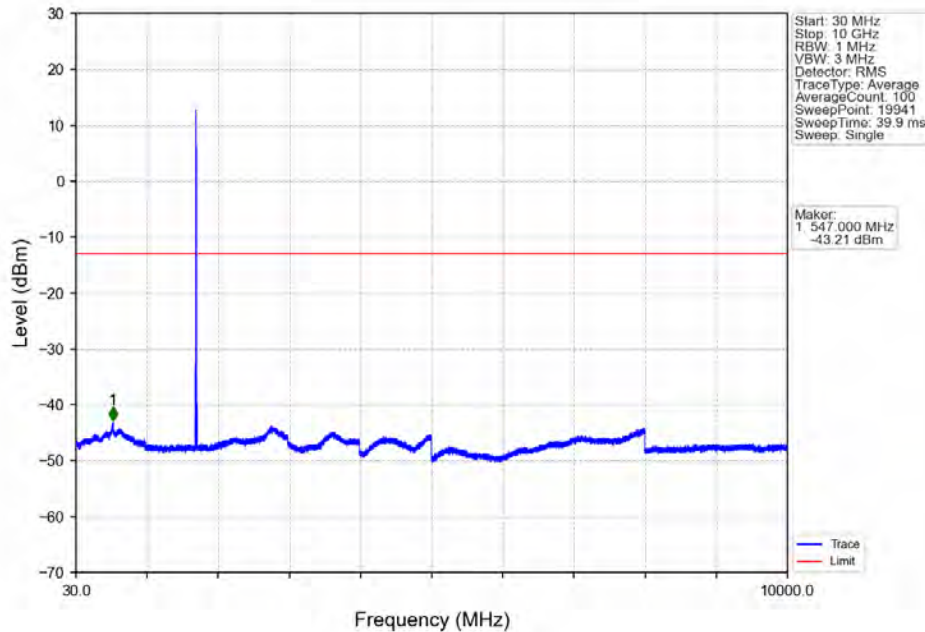
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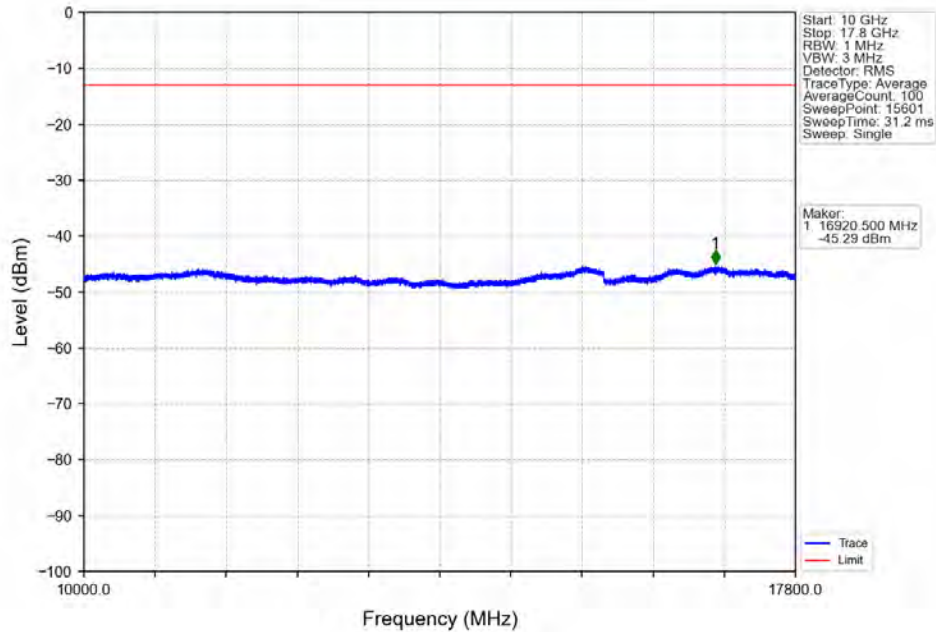
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1719.7MHz\_CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1719.7MHz\_CC1: 25@0 CC2: 50@0



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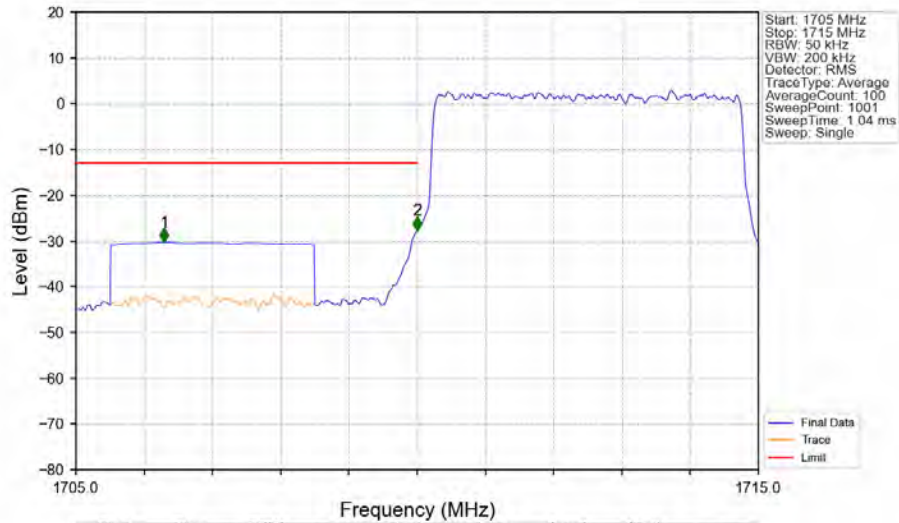
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1         | 1706.290   | -30.28      | -13         | Pass   |
| 1709        | 1710       | /         | /      | 2         | 1710.000   | -27.73      | -13         | Pass   |
| 1710        | 1715       | 0.05      | /      | /         | /          | /           | /           | /      |



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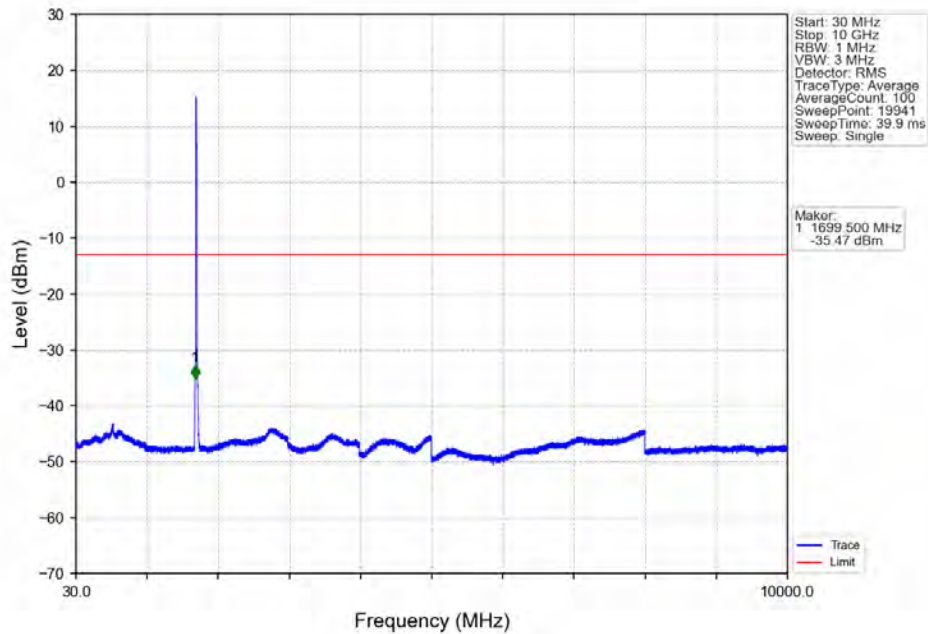
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1719.7MHz\_CC1: 25@0 CC2: 50@0



CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1719.7MHz\_CC1: 25@0 CC2: 50@0



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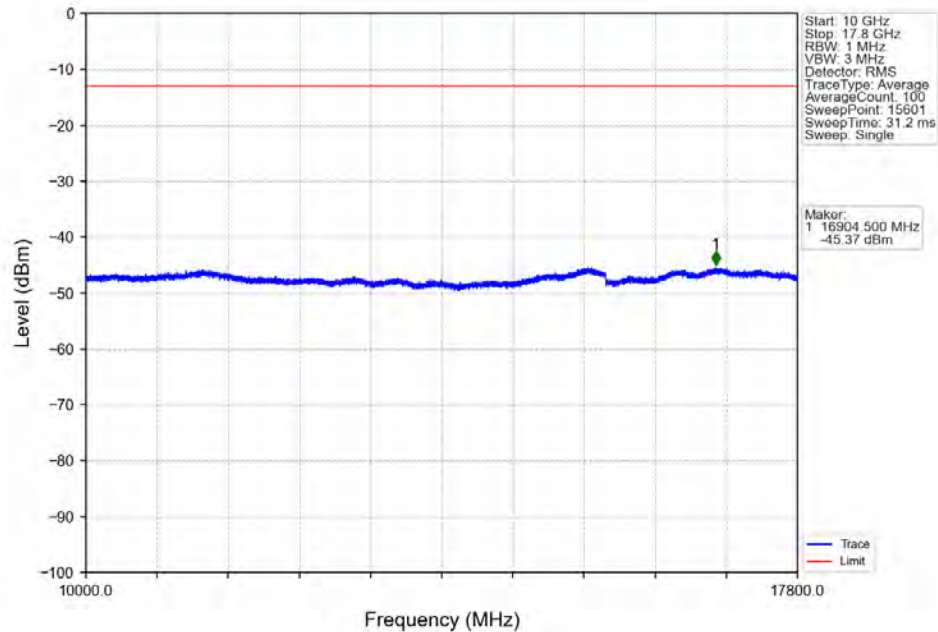
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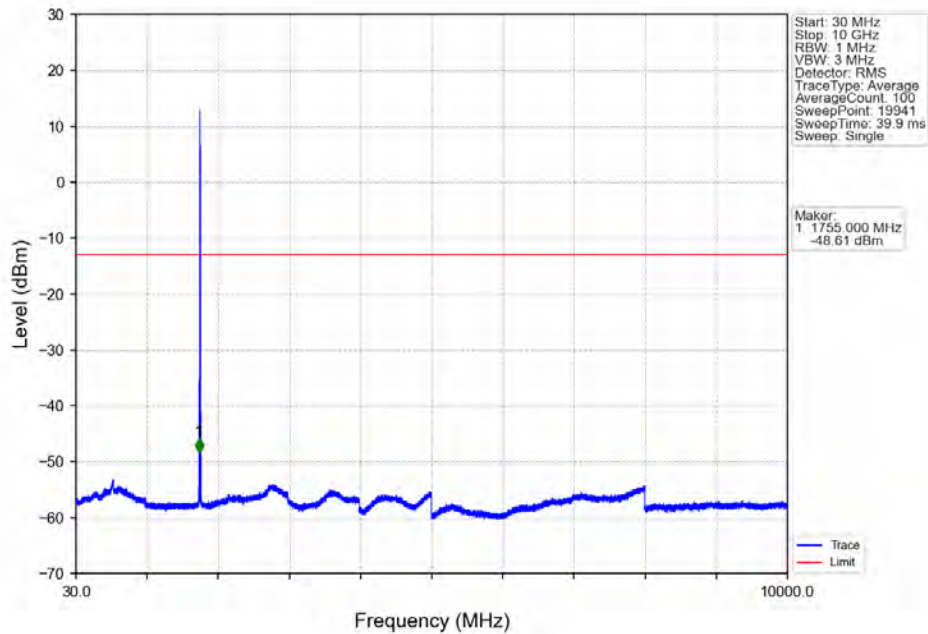
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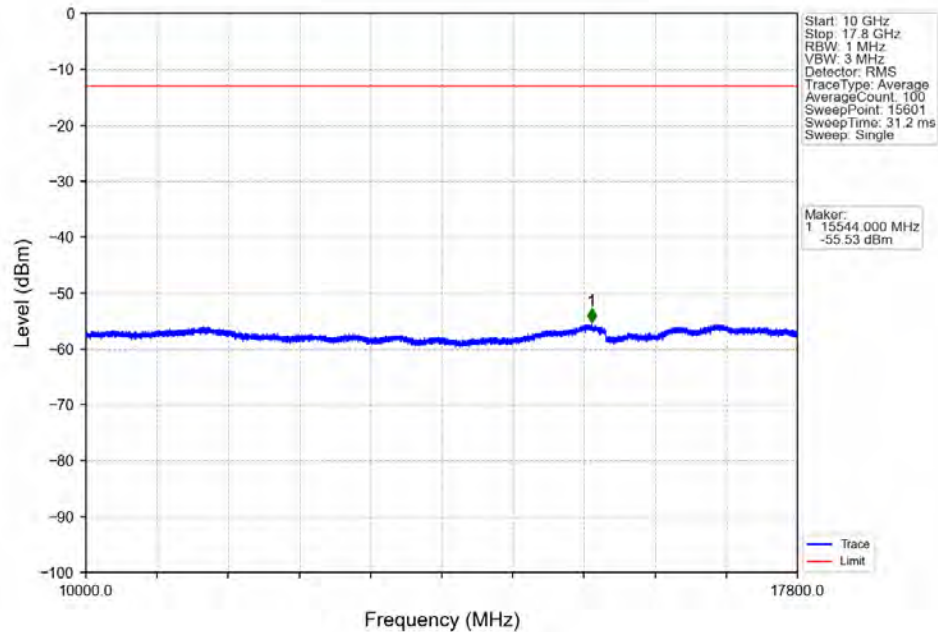
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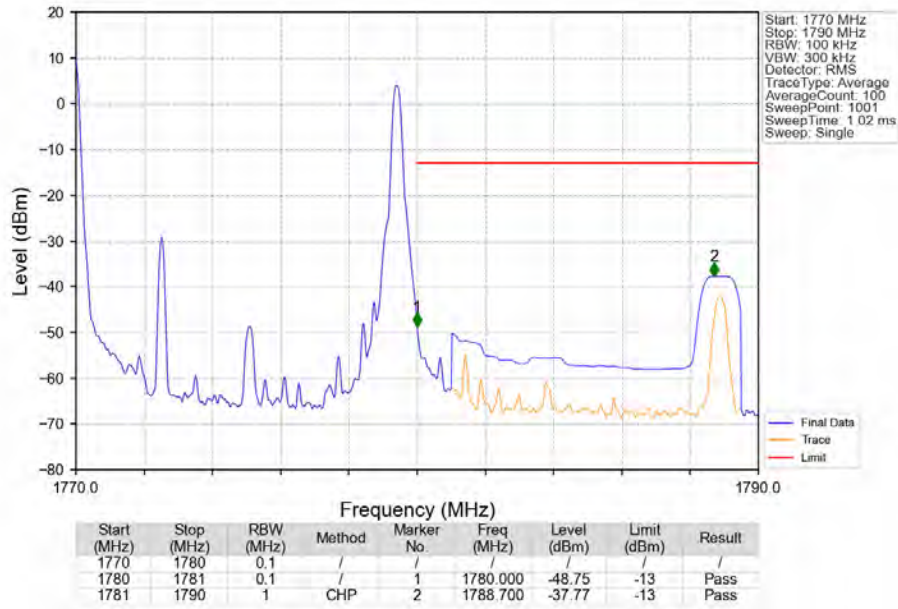
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1767.8 CC2:1775MHz\_CC1: 1@24 CC2: 1@49



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1767.8 CC2:1775MHz\_CC1: 25@0 CC2: 50@0



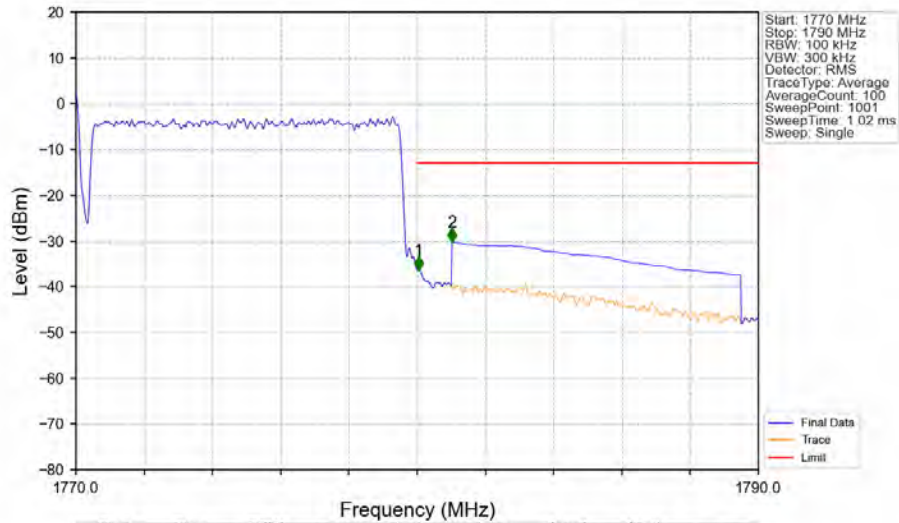
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.1       | /      | 1          | 1780.040   | -36.39      | -13         | Pass   |
| 1780        | 1781       | 0.1       | /      | 2          | 1781.020   | -30.24      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    |            |            |             |             |        |



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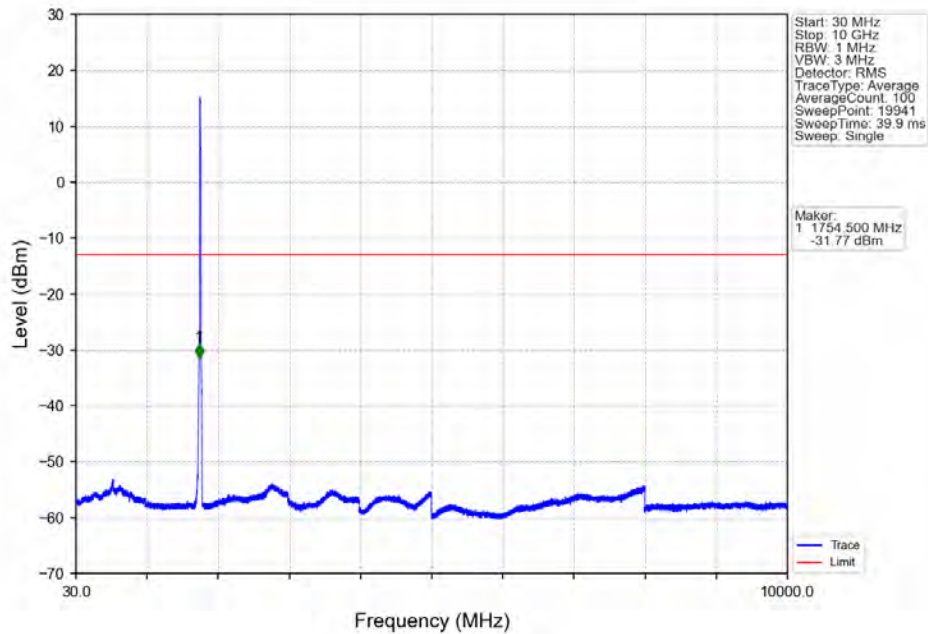
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1767.8\_CC2:1775MHz\_CC1: 25@0\_CC2: 50@0



CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1767.8\_CC2:1775MHz\_CC1: 25@0\_CC2: 50@0



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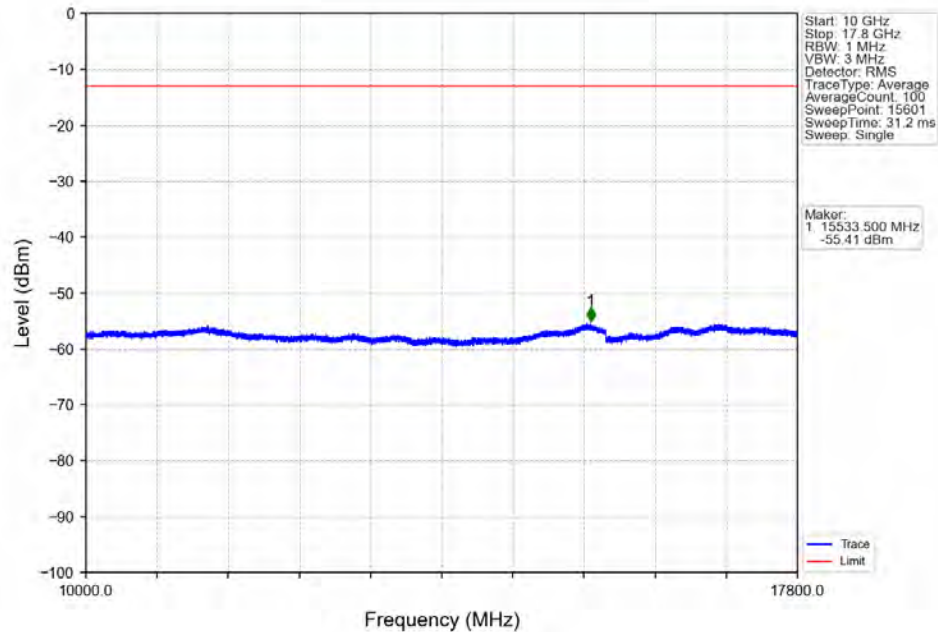
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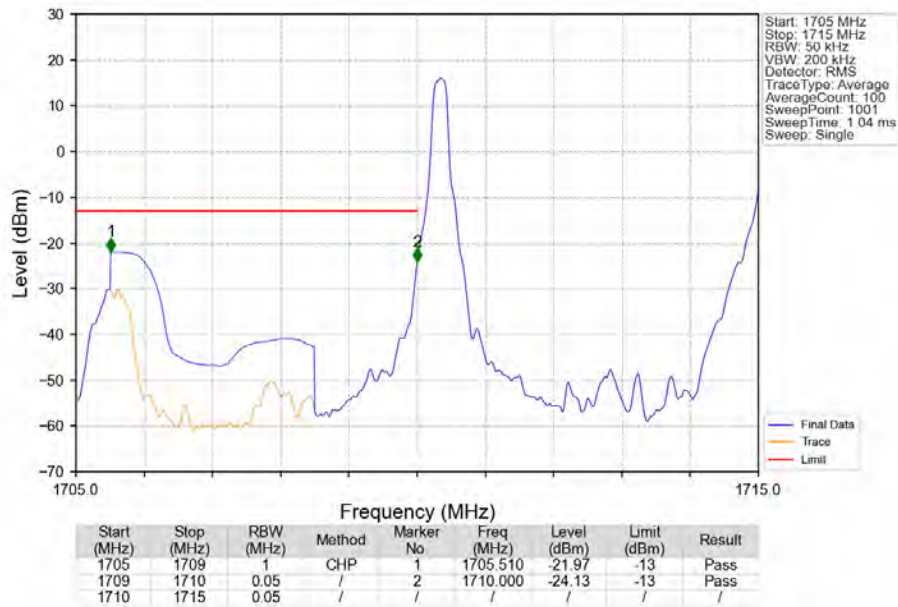
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1721.8MHz\_CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1721.8MHz\_CC1: 1@0 CC2: 1@0



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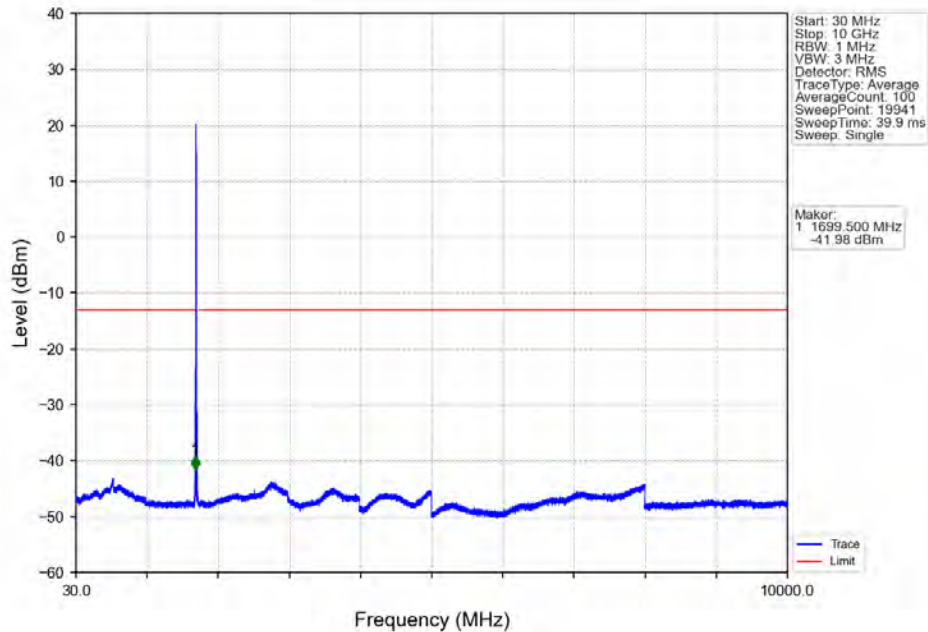
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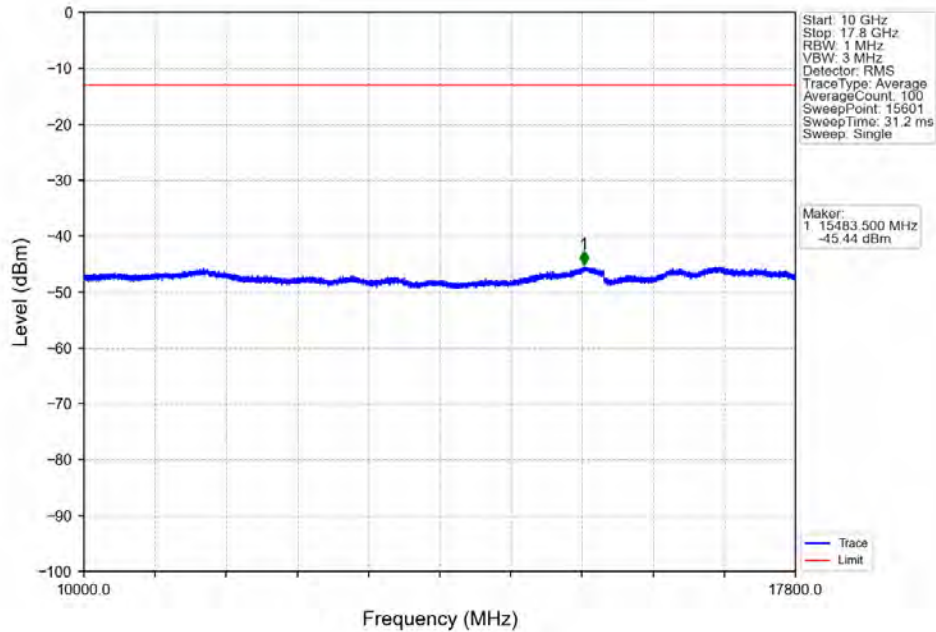
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1721.8MHz\_CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:1712.5 CC2:1721.8MHz\_CC1: 25@0 CC2: 75@0



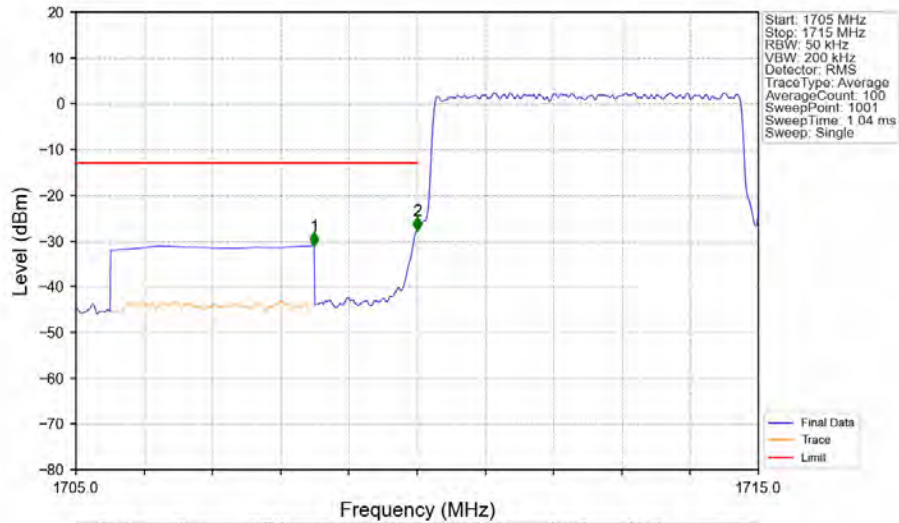
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1         | 1708.490   | -31.14      | -13         | Pass   |
| 1709        | 1710       | 0.05      | /      | 2         | 1710.000   | -27.77      | -13         | Pass   |
| 1710        | 1715       | 0.05      | /      | /         | /          | /           | /           | /      |



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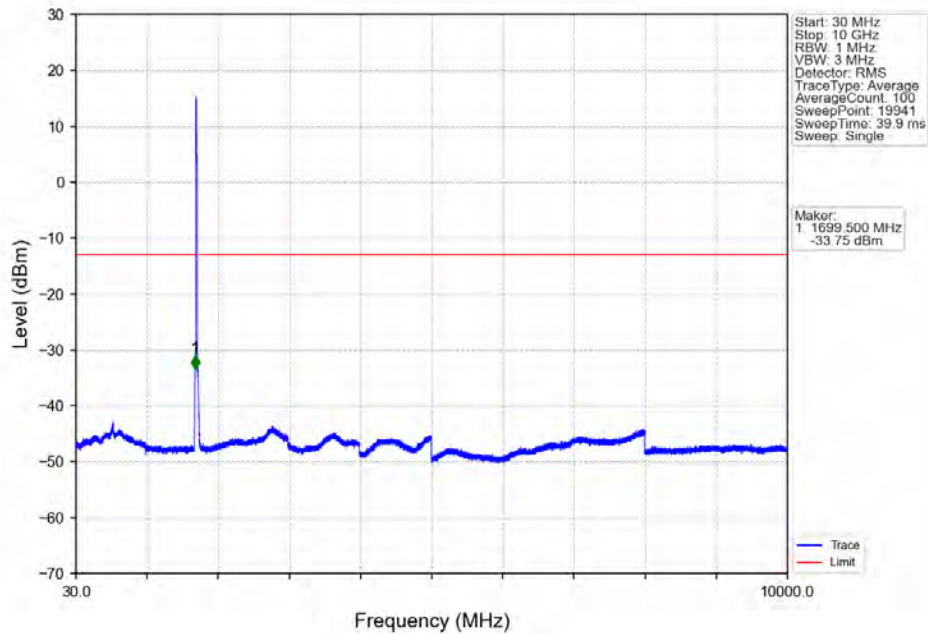
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:15MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1721.8MHz\_CC1: 25@0 CC2: 75@0



CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:15MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1712.5\_CC2:1721.8MHz\_CC1: 25@0 CC2: 75@0



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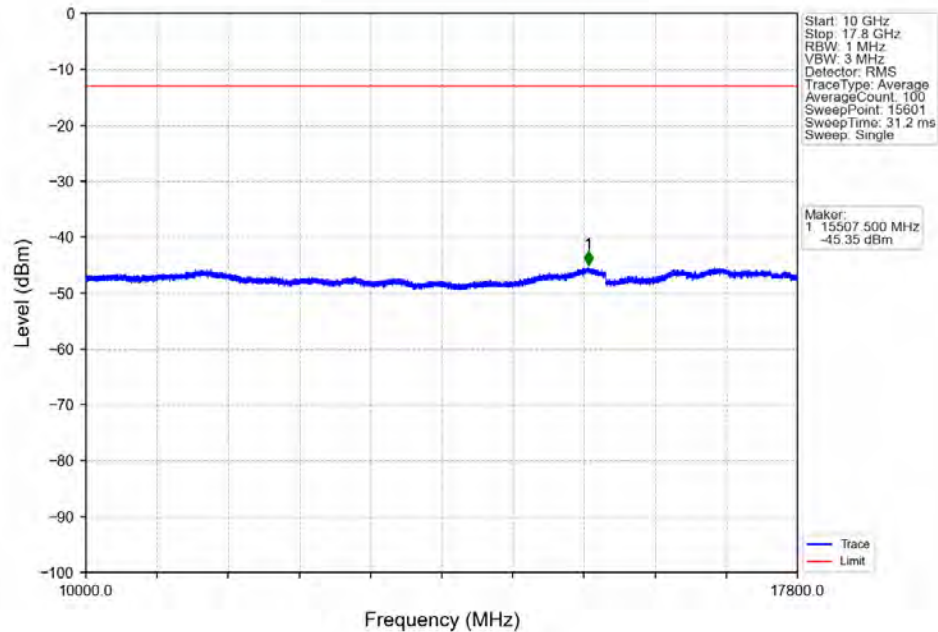
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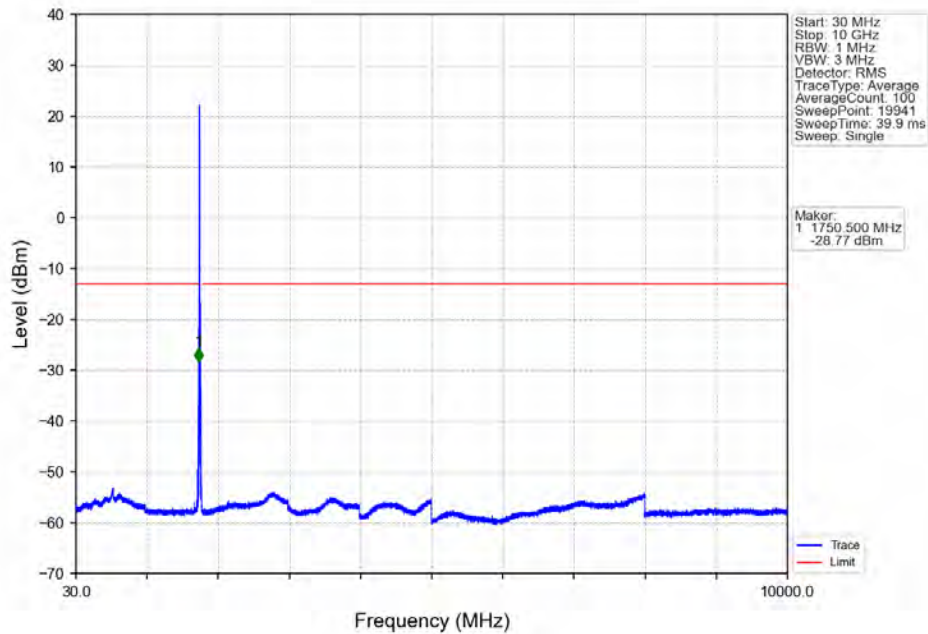
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CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz CC1:QPSK CC2:QPSK CC1:1763.2 CC2:1772.5MHz CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:5 CC2:15MHz CC1:QPSK CC2:QPSK CC1:1763.2 CC2:1772.5MHz CC1: 1@0 CC2: 1@0



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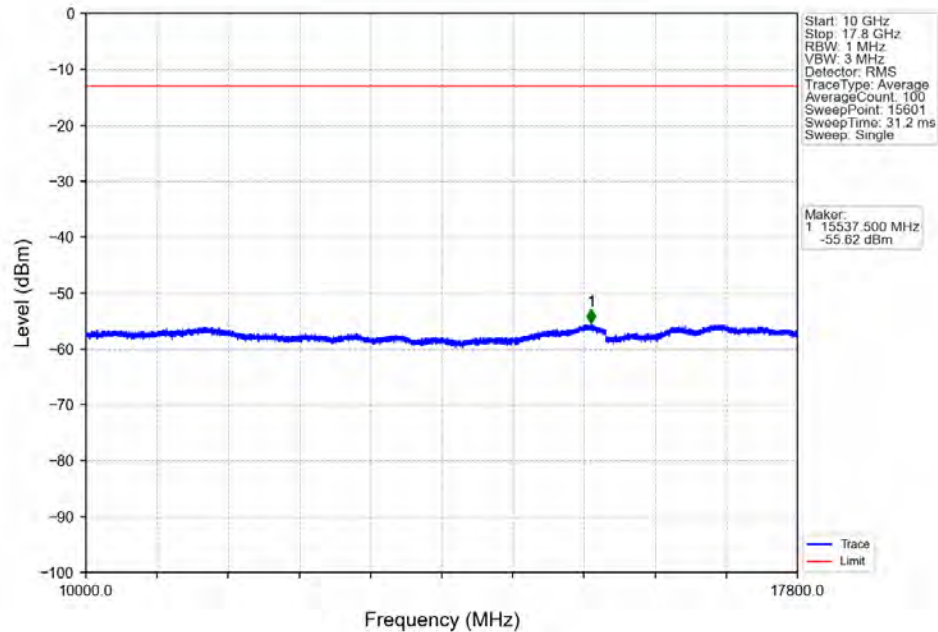
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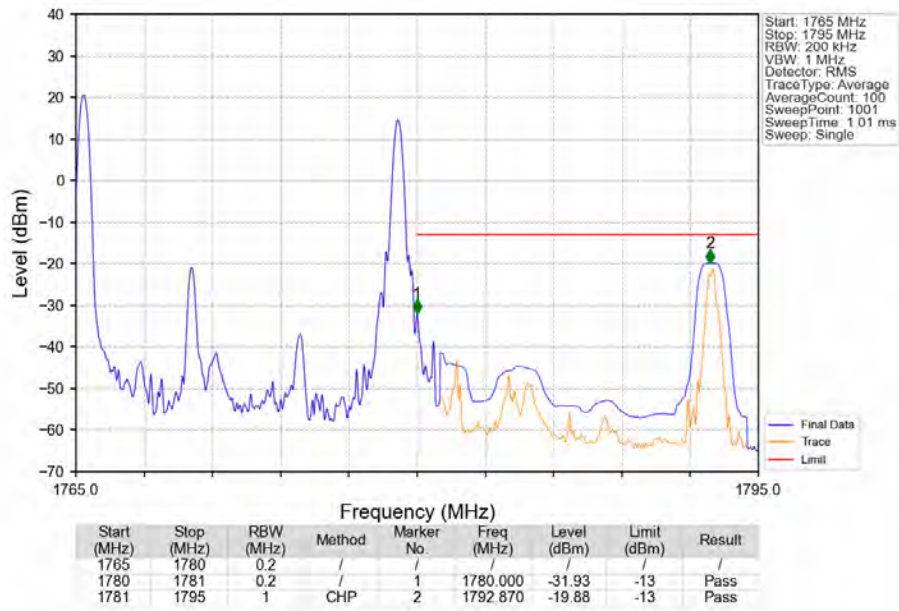
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:15MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1763.2\_CC2:1772.5MHz\_CC1:25@0\_CC2:75@0



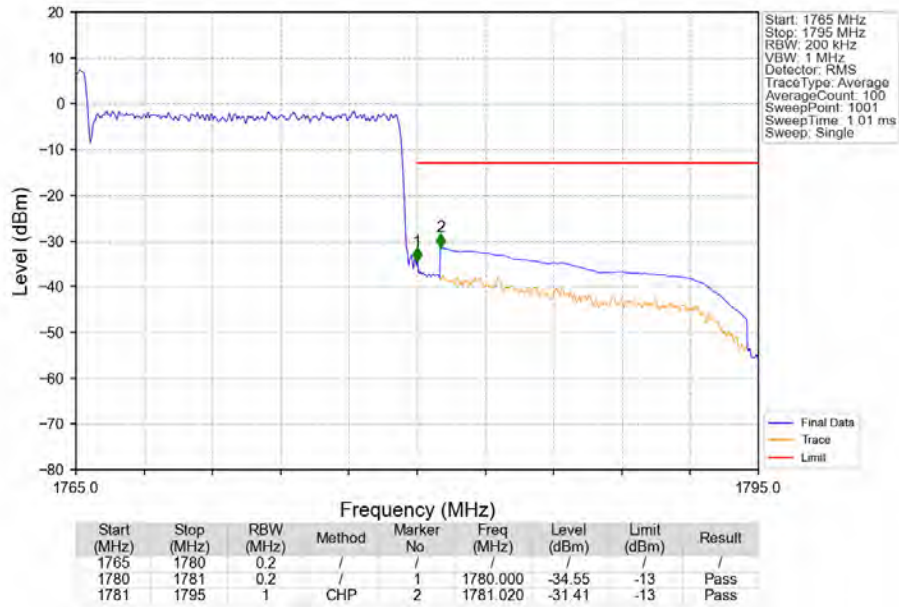
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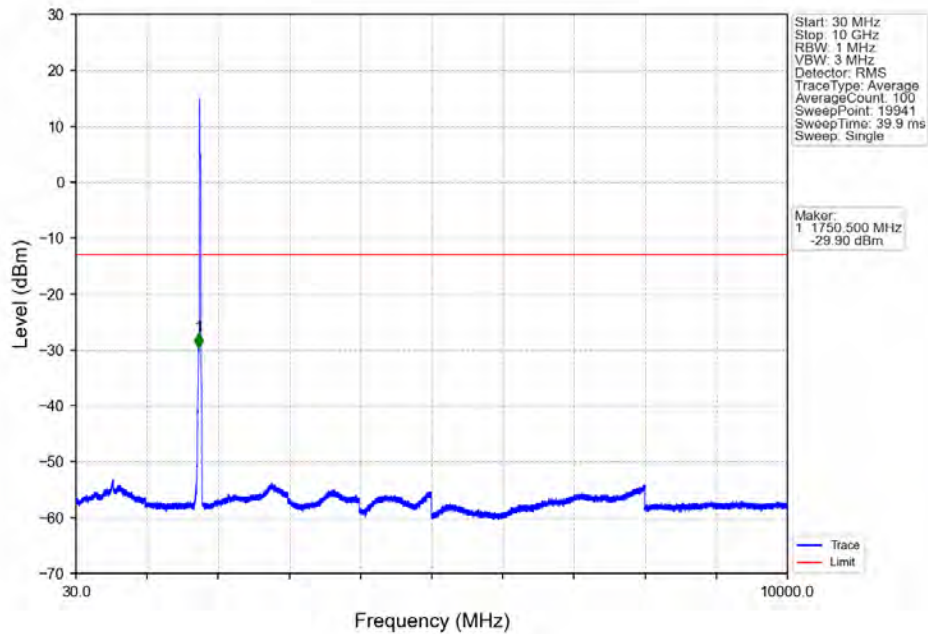
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CA\_66B\_SISO\_NTNV\_CC1:5\_CC2:15MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1763.2\_CC2:1772.5MHz\_CC1: 25@0 CC2: 75@0



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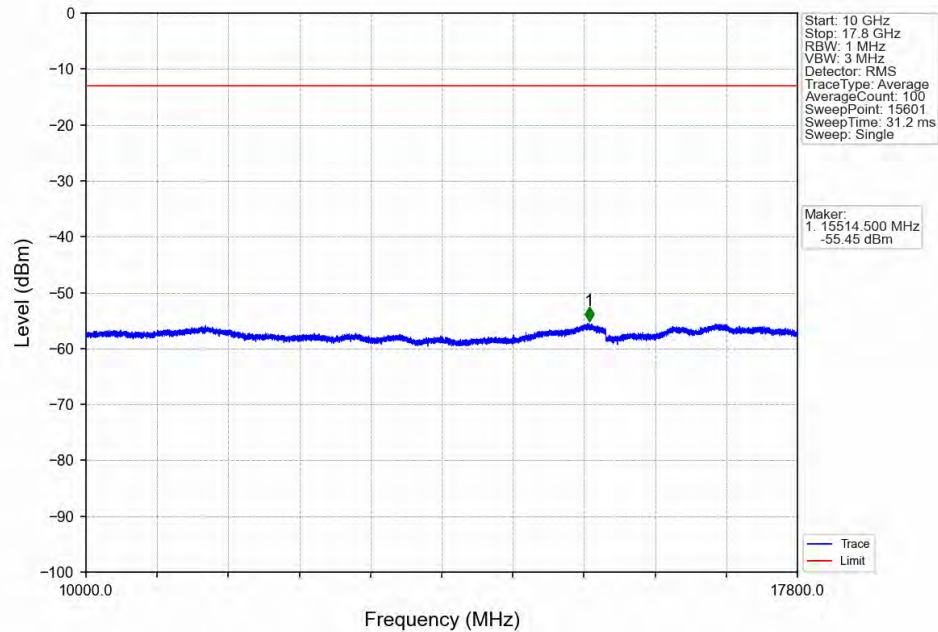
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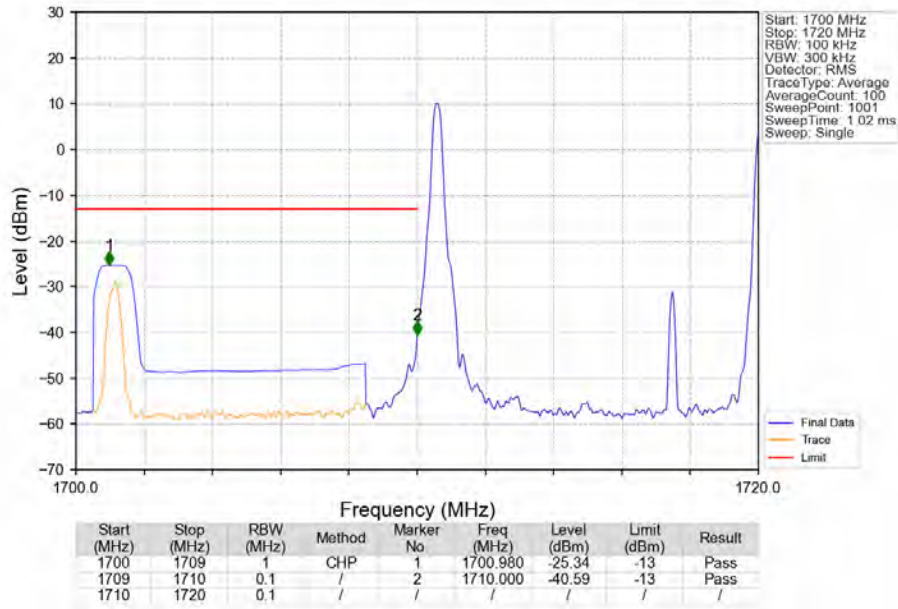
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:1715 CC2:1722.2MHz\_CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:1715 CC2:1722.2MHz\_CC1: 1@0 CC2: 1@0



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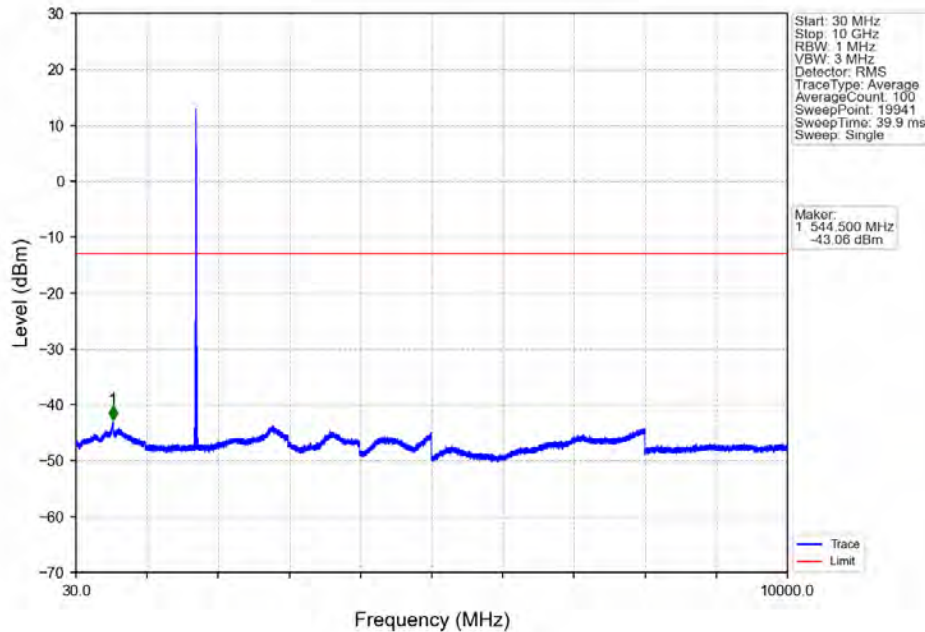
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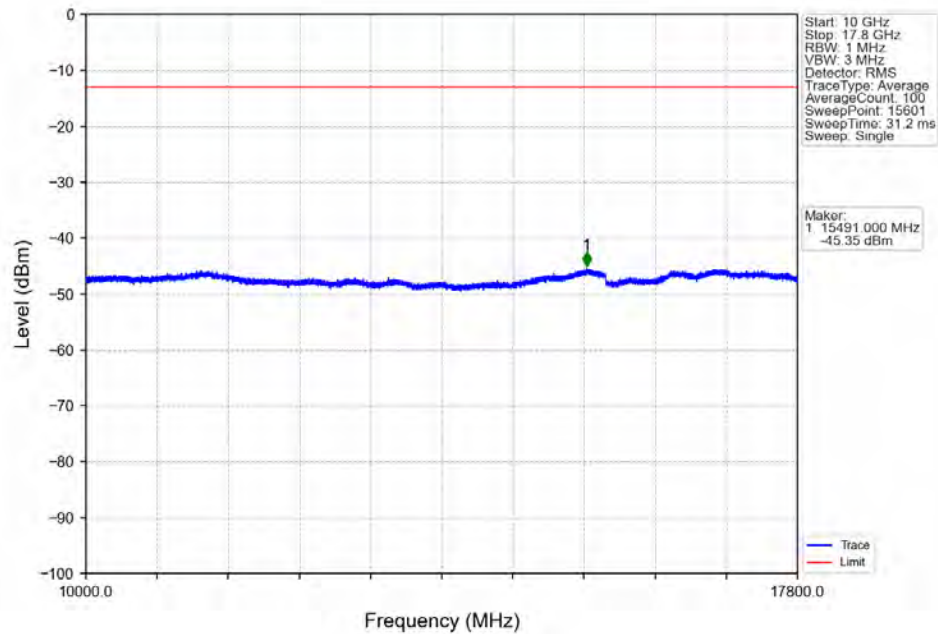
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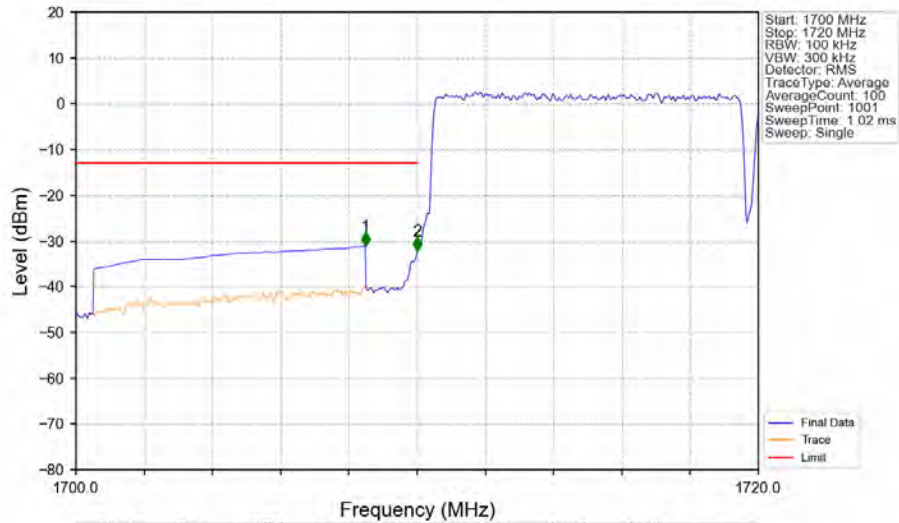
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1         | 1708.480   | -31.18      | -13         | Pass   |
| 1709        | 1710       | 0.1       | /      | 2         | 1710.000   | -32.20      | -13         | Pass   |
| 1710        | 1720       | 0.1       | /      | /         | /          | /           | /           | /      |



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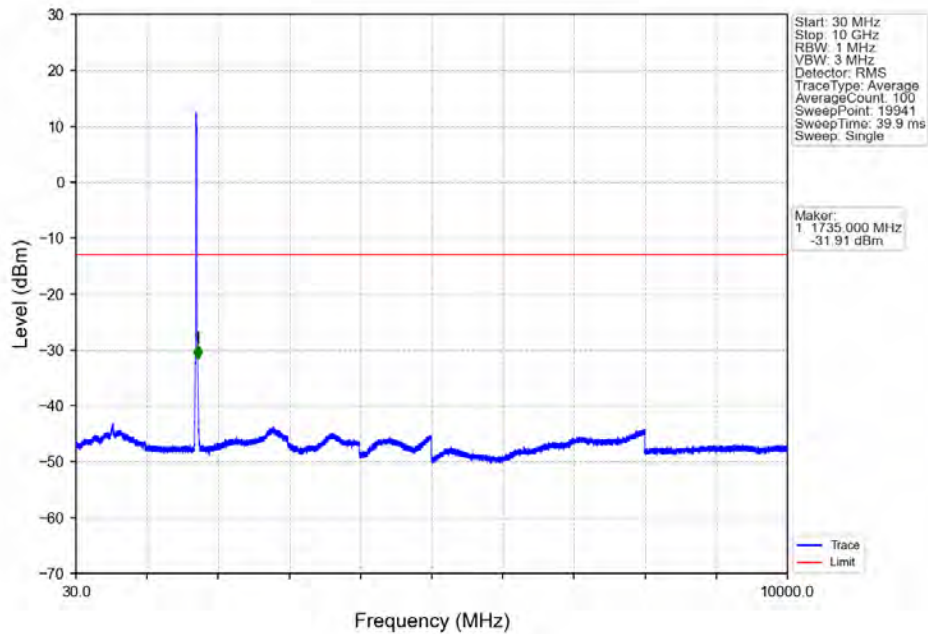
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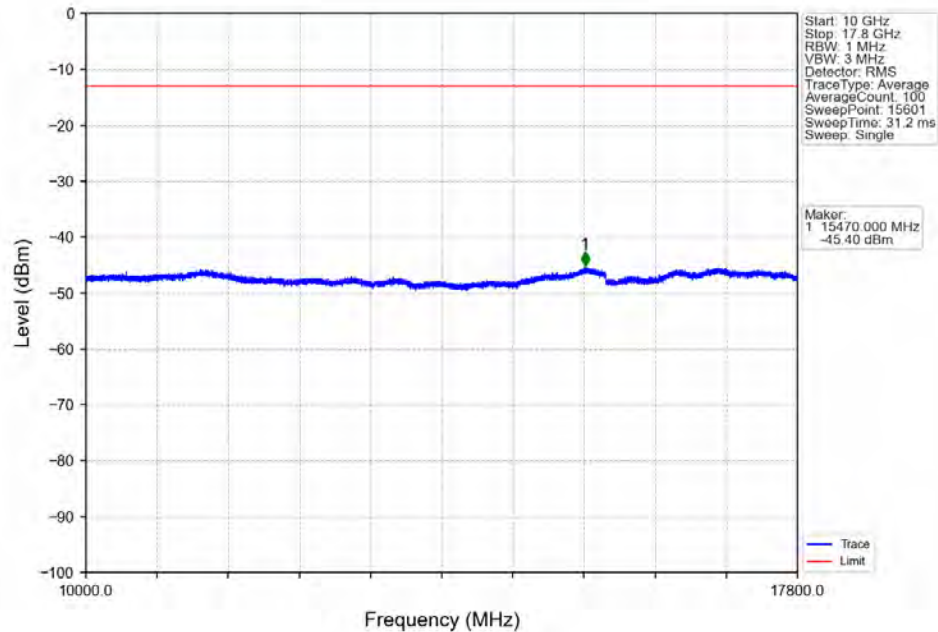
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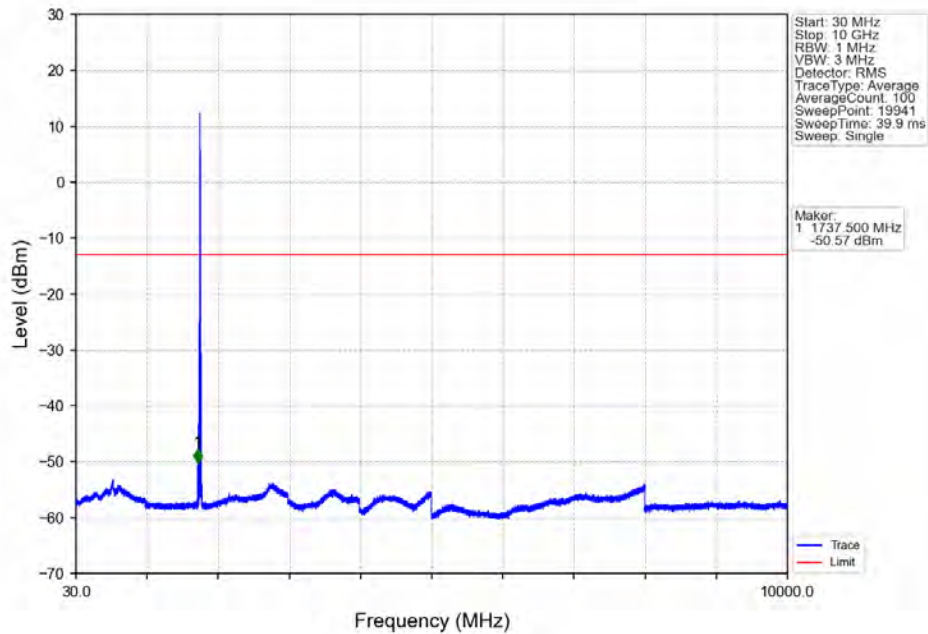
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz CC1:QPSK CC2:QPSK CC1:1770.3 CC2:1777.5MHz CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz CC1:QPSK CC2:QPSK CC1:1770.3 CC2:1777.5MHz CC1: 1@0 CC2: 1@0



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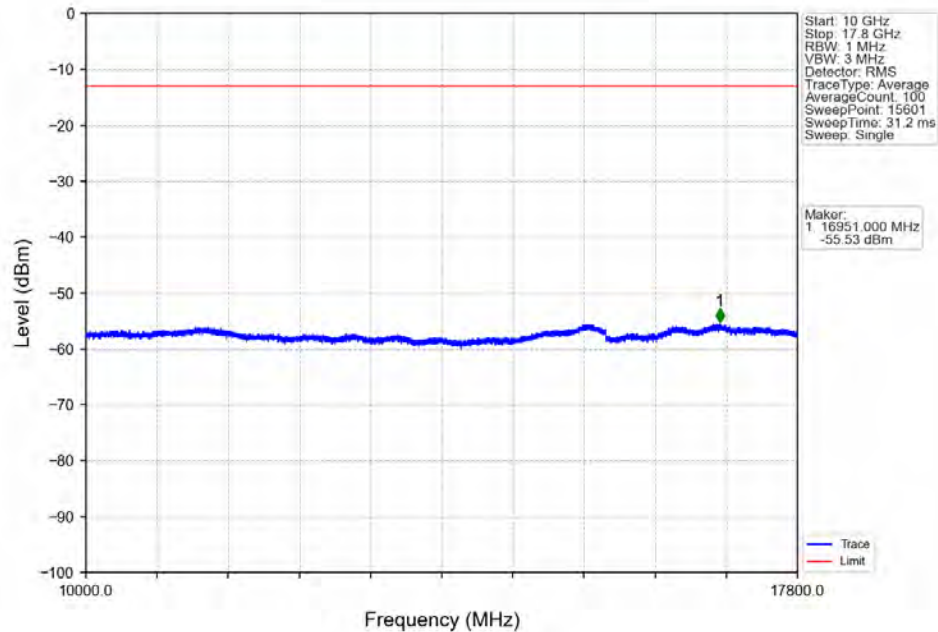
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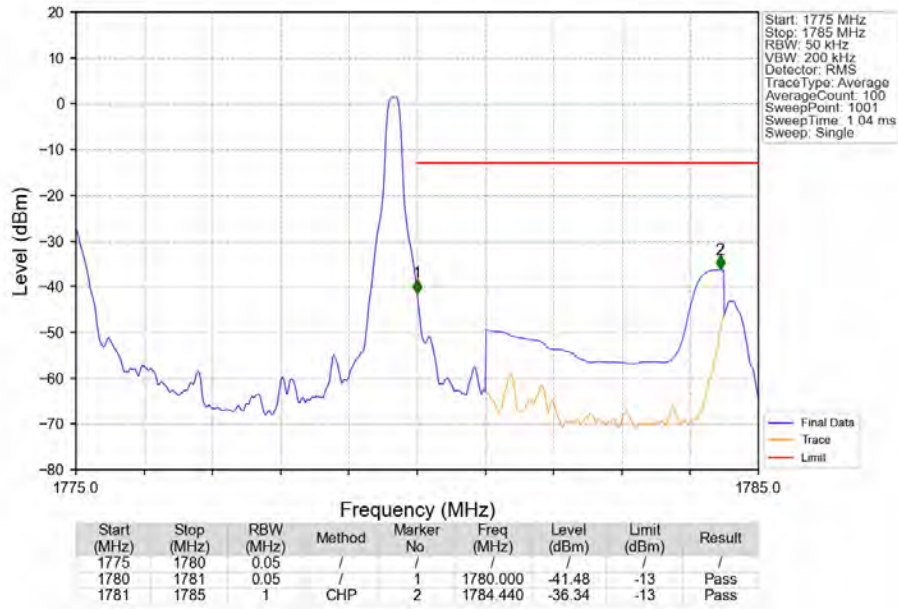
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:1770.3 CC2:1777.5MHz\_CC1: 50@0 CC2: 25@0



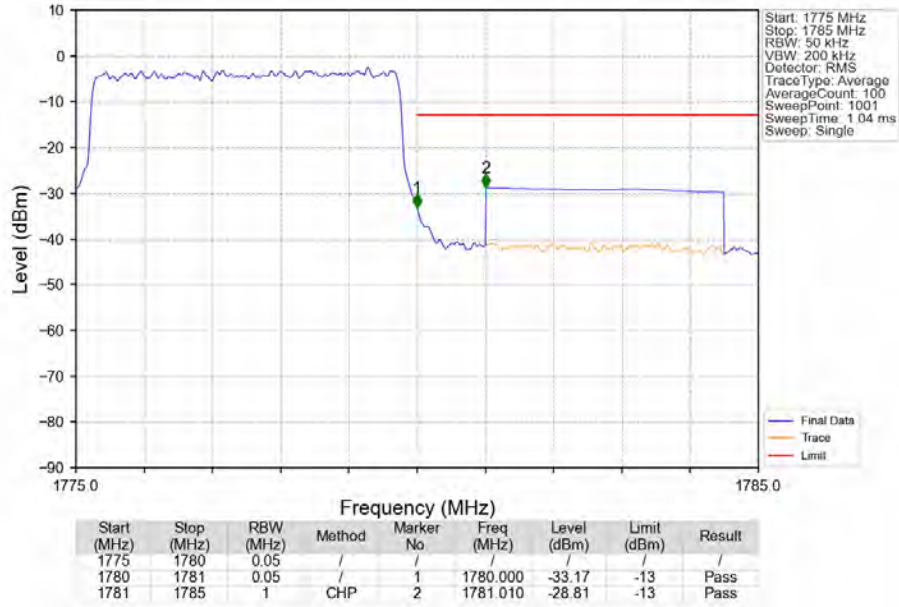
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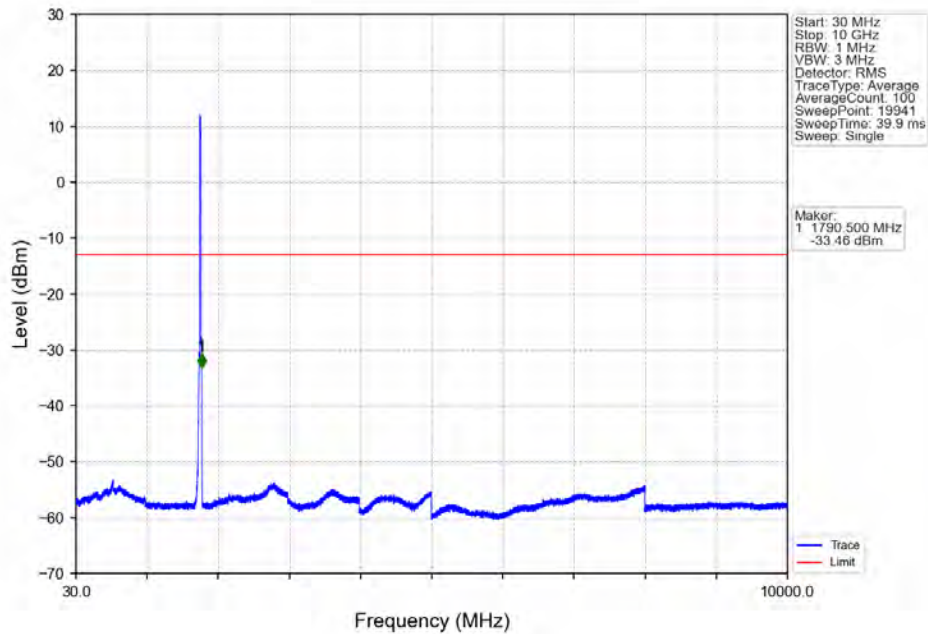
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CA\_66B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1770.3\_CC2:1777.5MHz\_CC1: 50@0\_CC2: 25@0



CA\_66B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1770.3\_CC2:1777.5MHz\_CC1: 50@0\_CC2: 25@0



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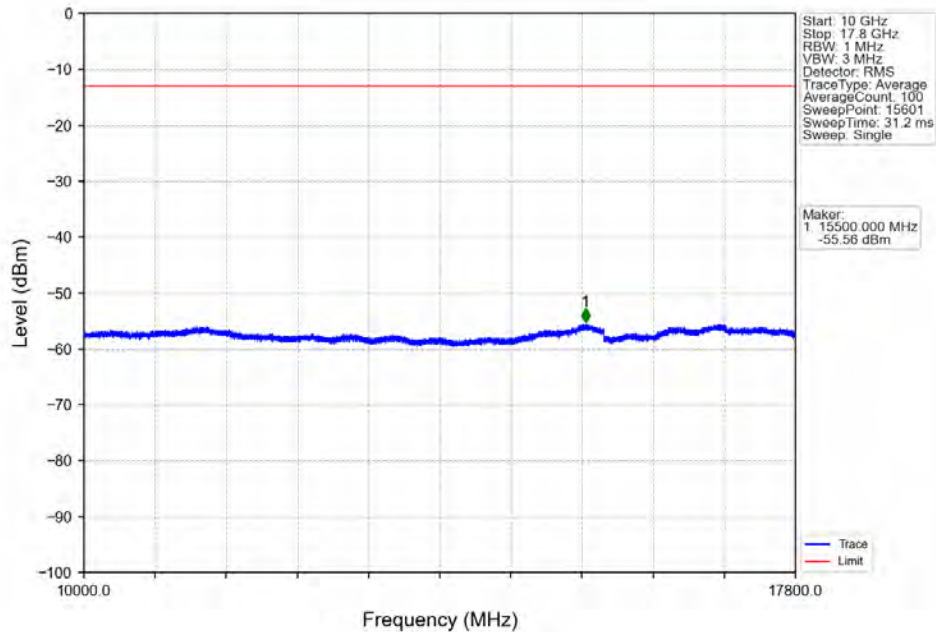
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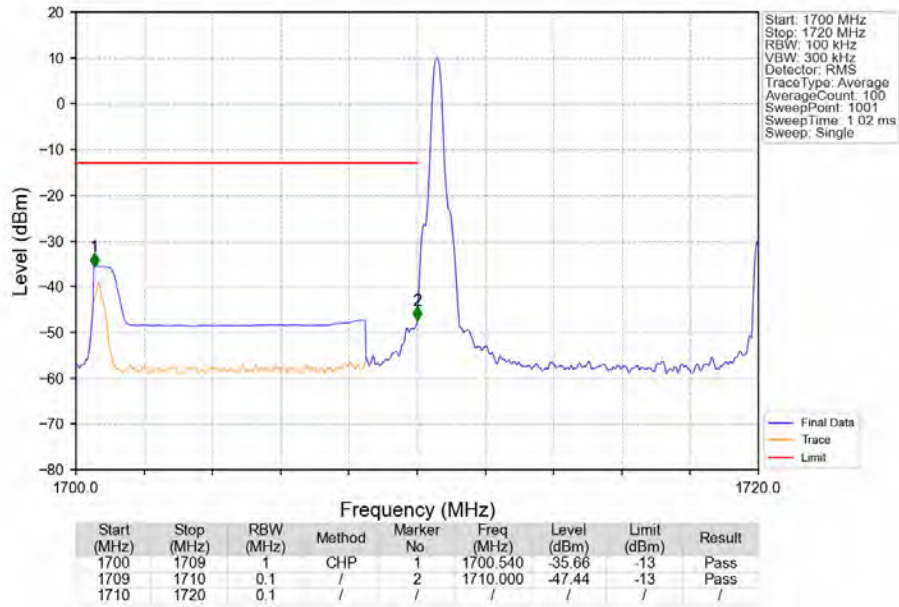
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1715 CC2:1724.9MHz\_CC1: 1@0 CC2: 1@0



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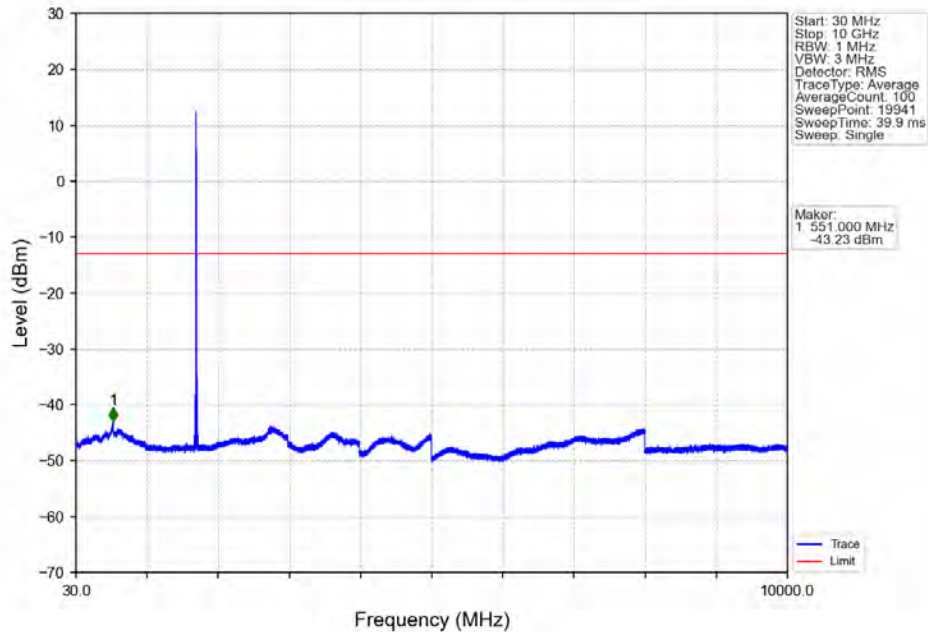
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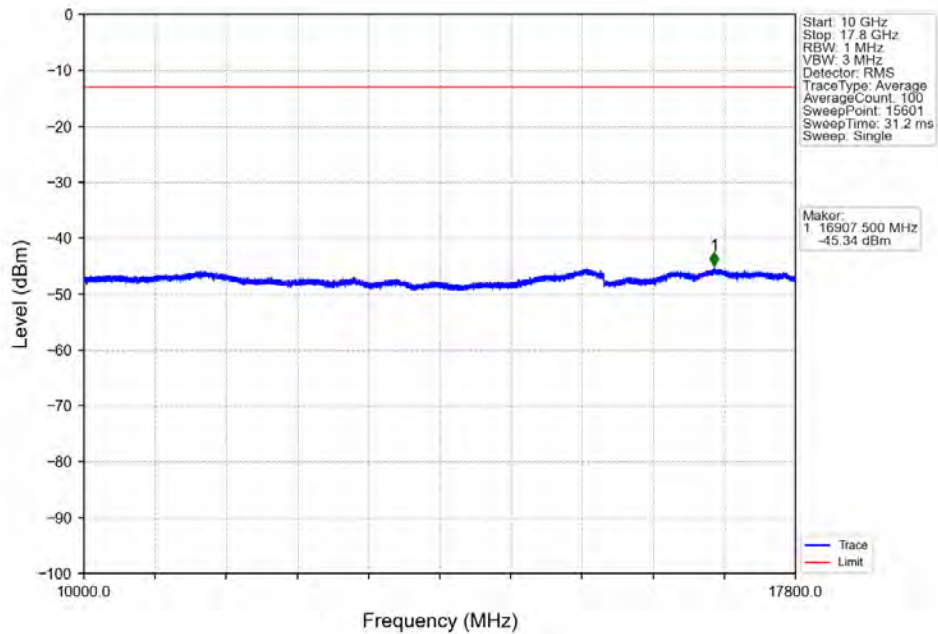
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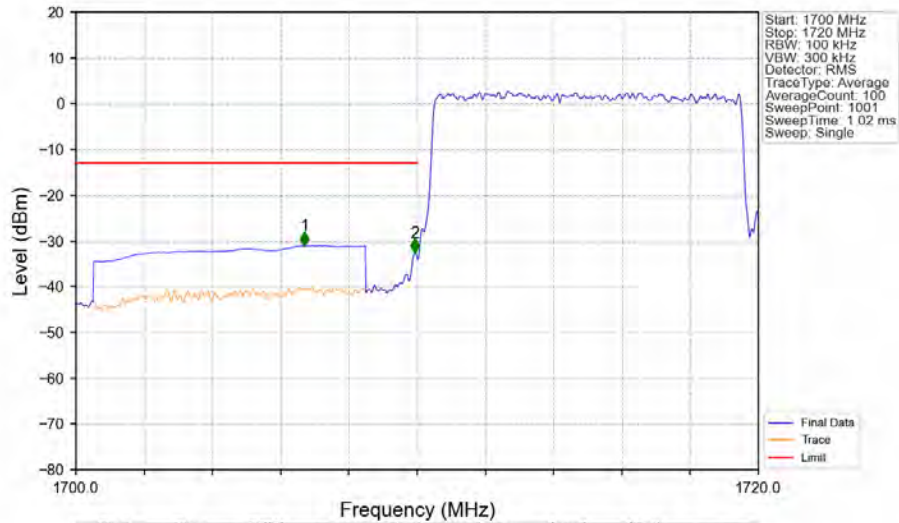
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1         | 1706.700   | -31.08      | -13         | Pass   |
| 1709        | 1710       | 0.1       | /      | 2         | 1709.940   | -32.61      | -13         | Pass   |
| 1710        | 1720       | 0.1       | /      | /         | /          | /           | /           | /      |



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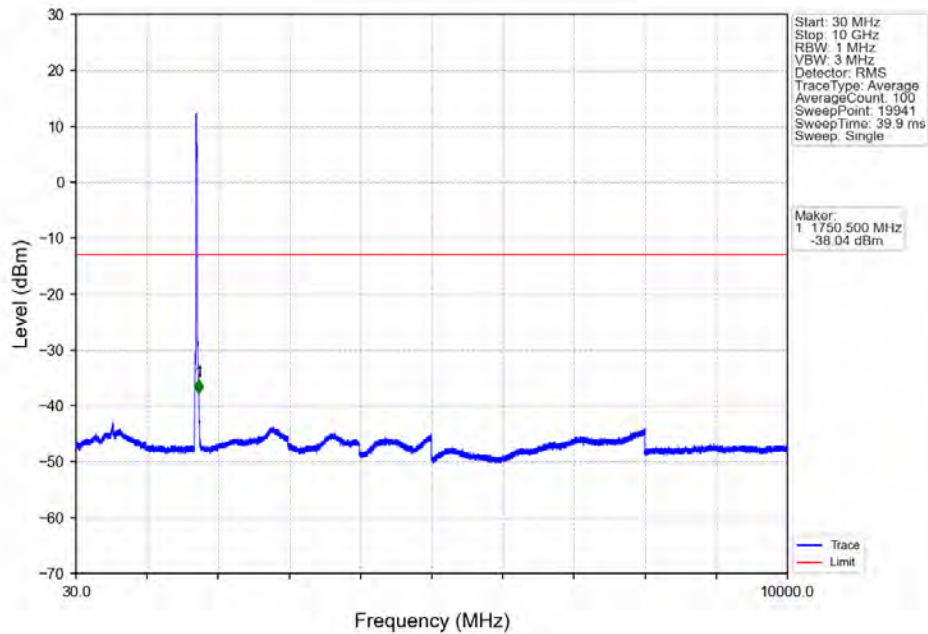
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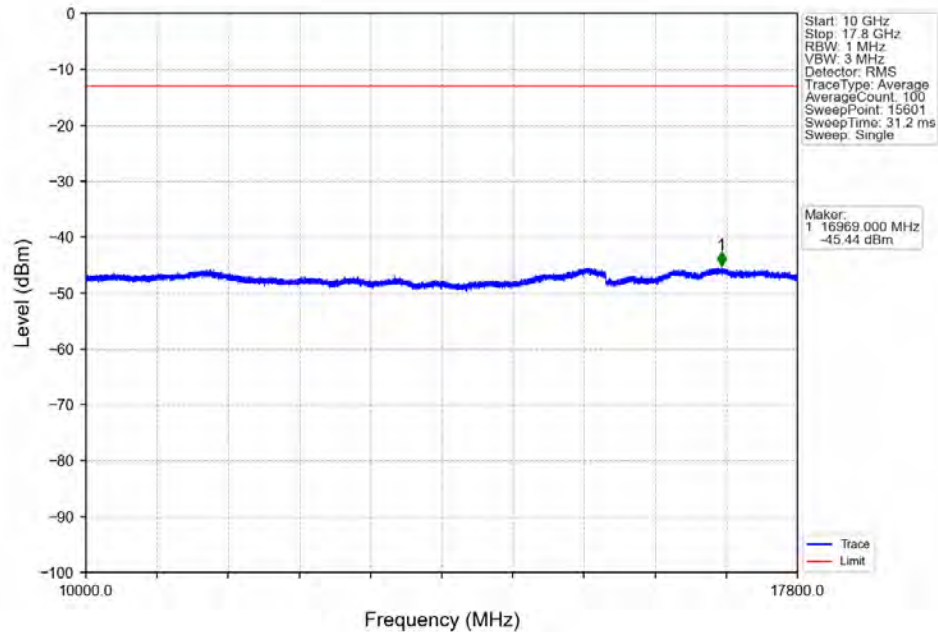
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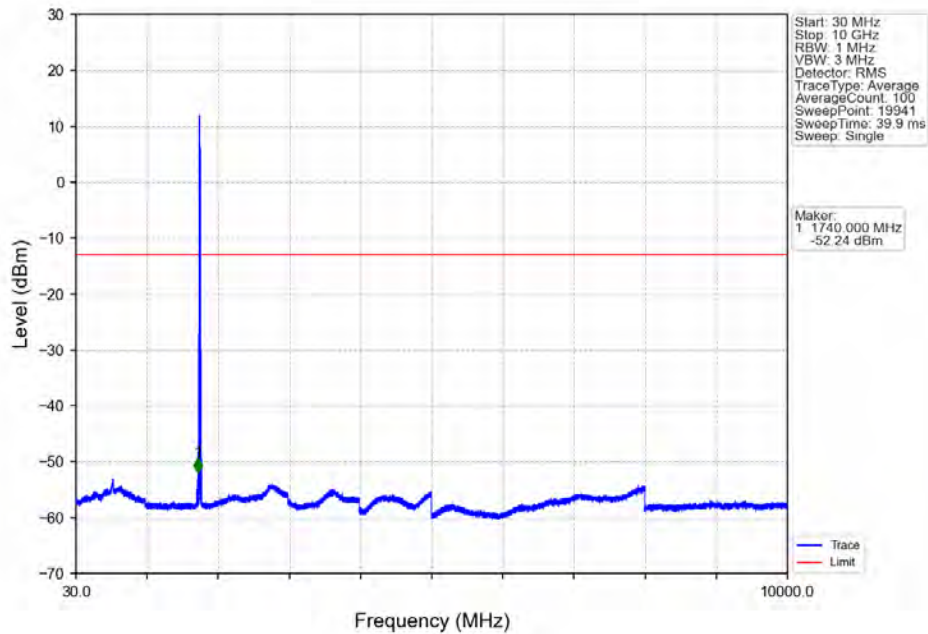
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CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1765.1 CC2:1775MHz\_CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1765.1 CC2:1775MHz\_CC1: 1@0 CC2: 1@0



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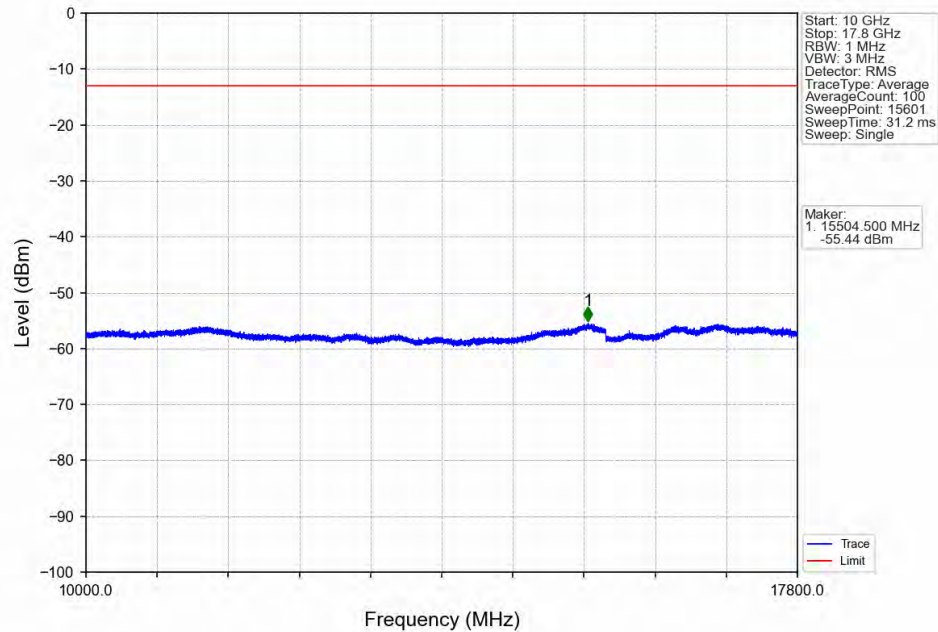
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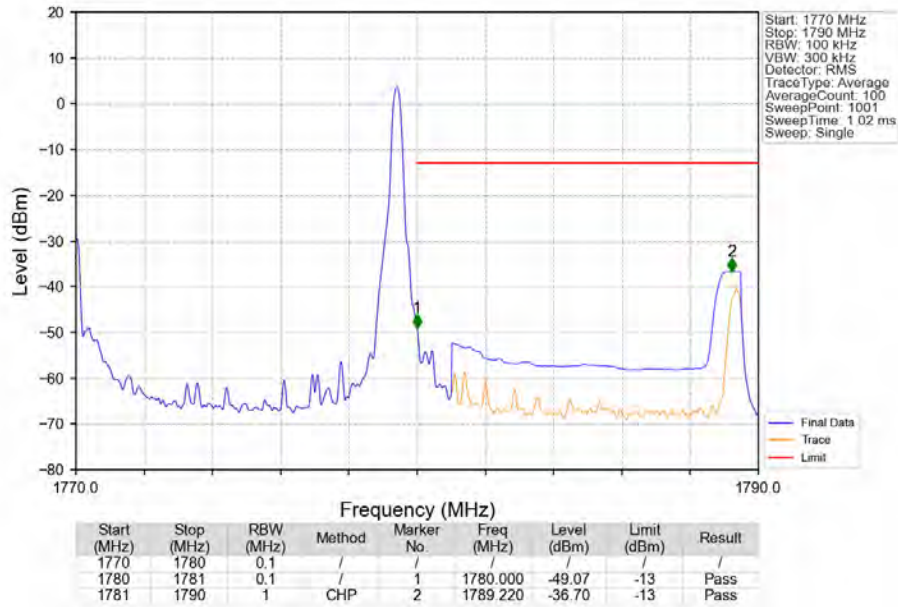
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CA 66B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1765.1\_CC2:1775MHz\_CC1: 1@49\_CC2: 1@49



CA 66B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1765.1\_CC2:1775MHz\_CC1: 50@0\_CC2: 50@0



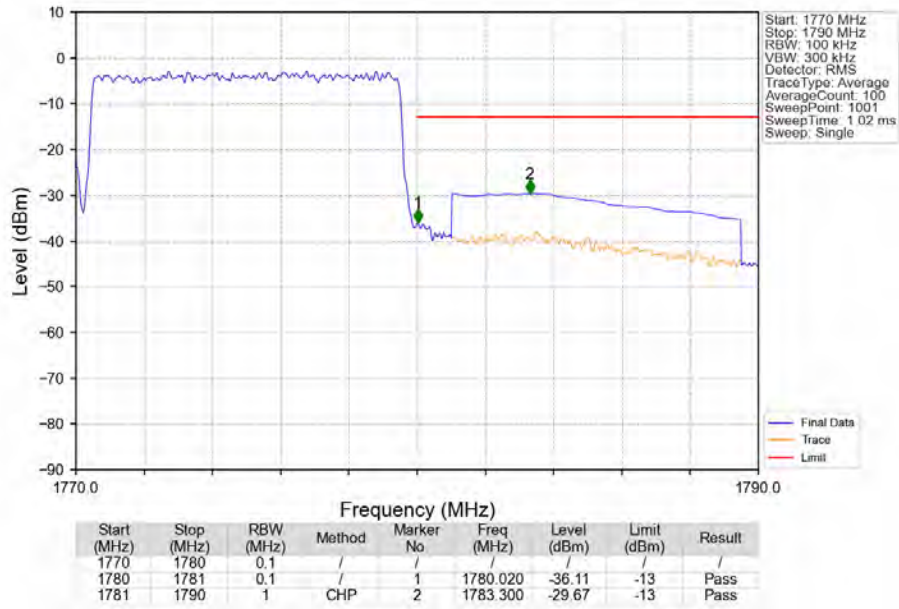
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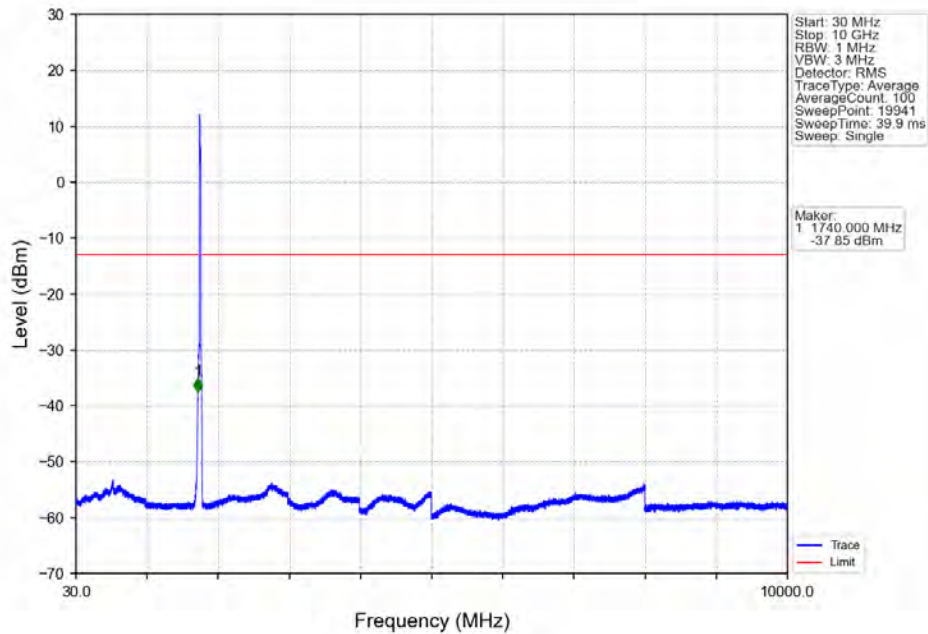
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CA 66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1765.1 CC2:1775MHz\_CC1: 50@0 CC2: 50@0



CA 66B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:1765.1 CC2:1775MHz\_CC1: 50@0 CC2: 50@0



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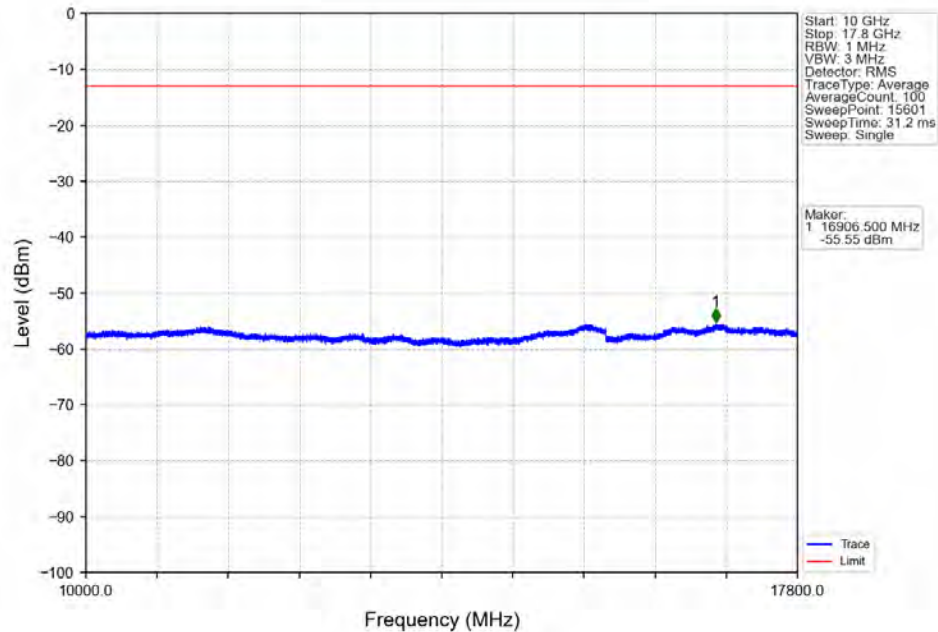
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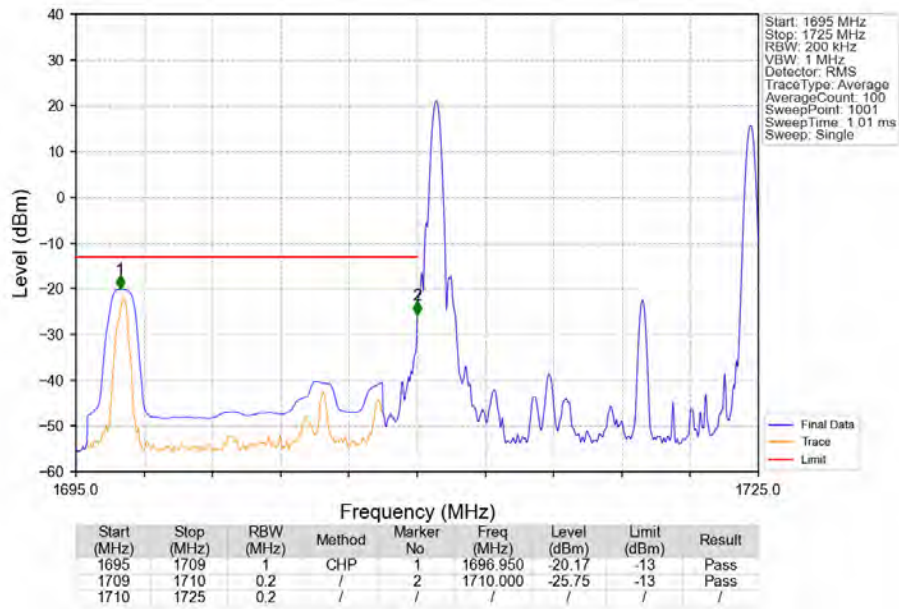
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CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1717.5\_CC2:1726.8MHz\_CC1: 1@0\_CC2: 1@0



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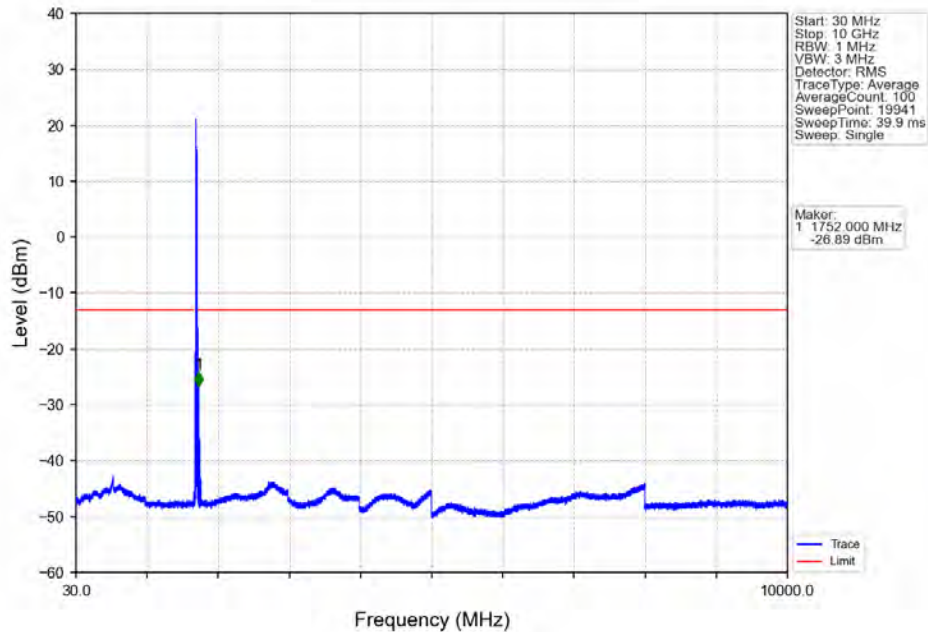
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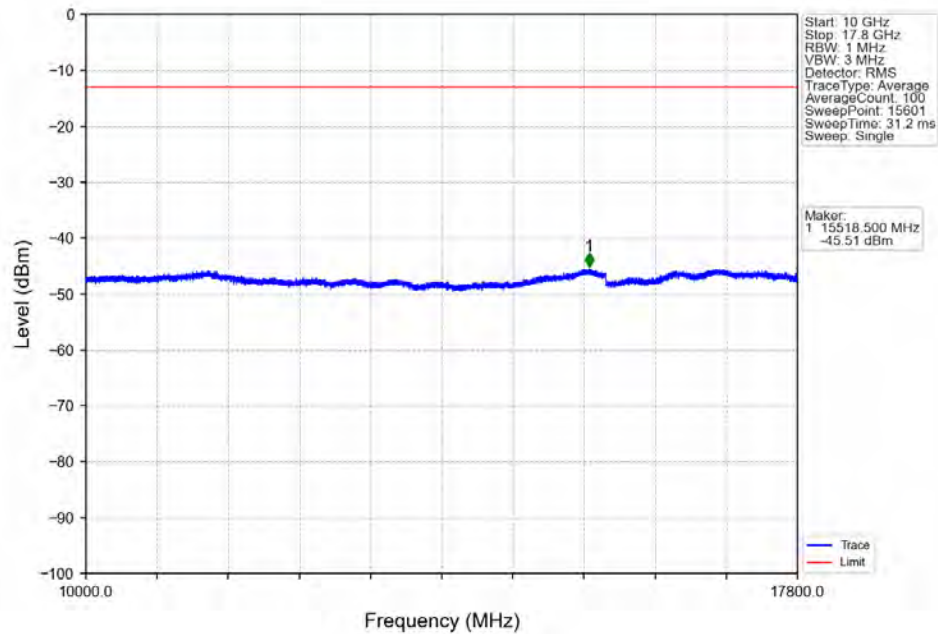
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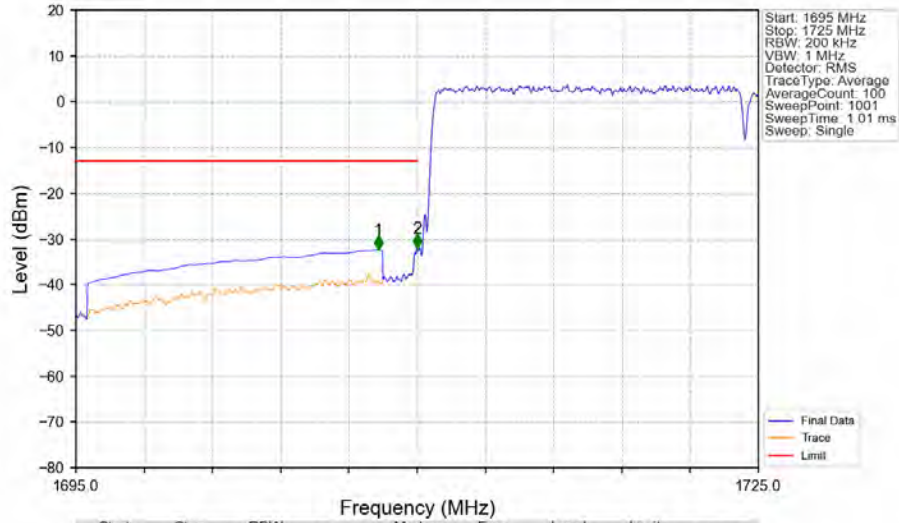
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1         | 1708.290   | -32.40      | -13         | Pass   |
| 1709        | 1710       | 0.2       | /      | 2         | 1710.000   | -32.08      | -13         | Pass   |
| 1710        | 1725       | 0.2       | /      | /         | /          | /           | /           | /      |



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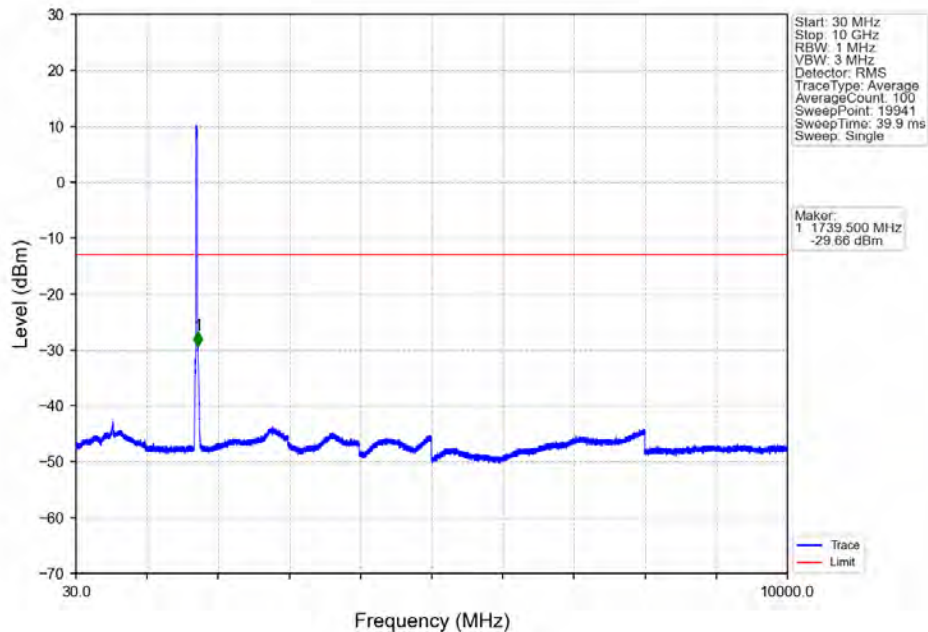
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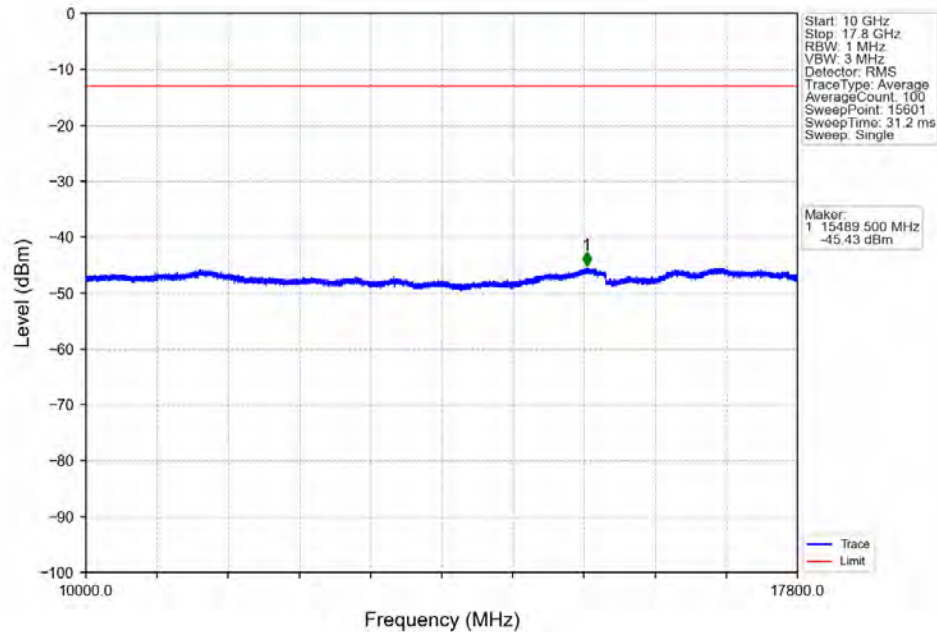
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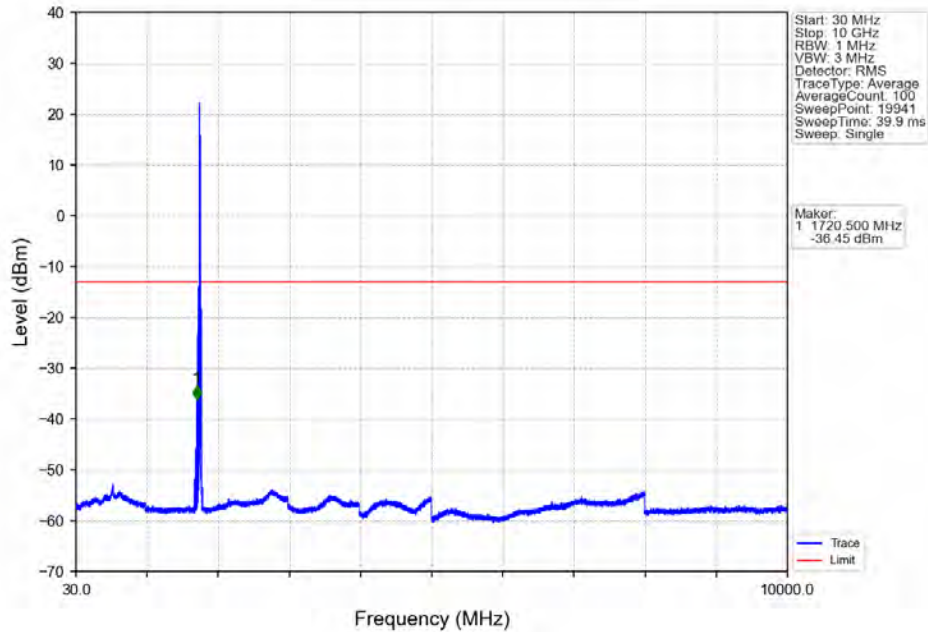
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CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz CC1:QPSK CC2:QPSK CC1:1768.2 CC2:1777.5MHz CC1: 1@0 CC2: 1@0



CA\_66B\_SISO\_NTNV\_CC1:15 CC2:5MHz CC1:QPSK CC2:QPSK CC1:1768.2 CC2:1777.5MHz CC1: 1@0 CC2: 1@0



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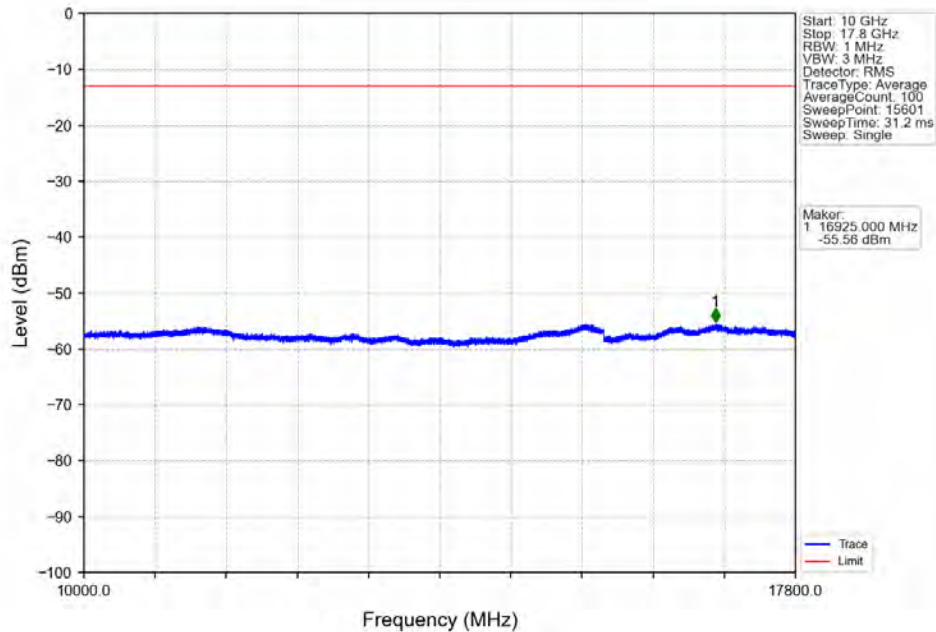
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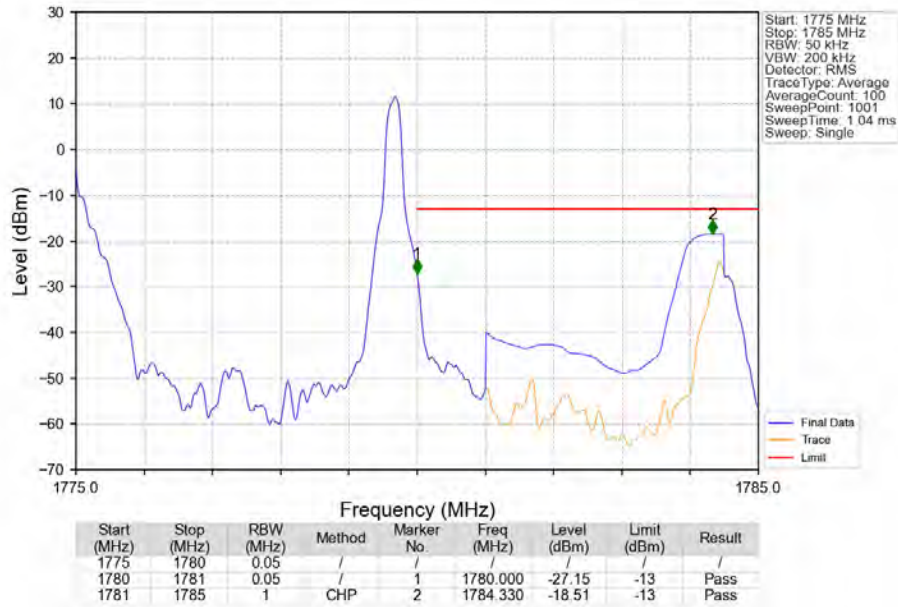
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CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1:1@74\_CC2:1@24



CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1:75@0\_CC2:25@0



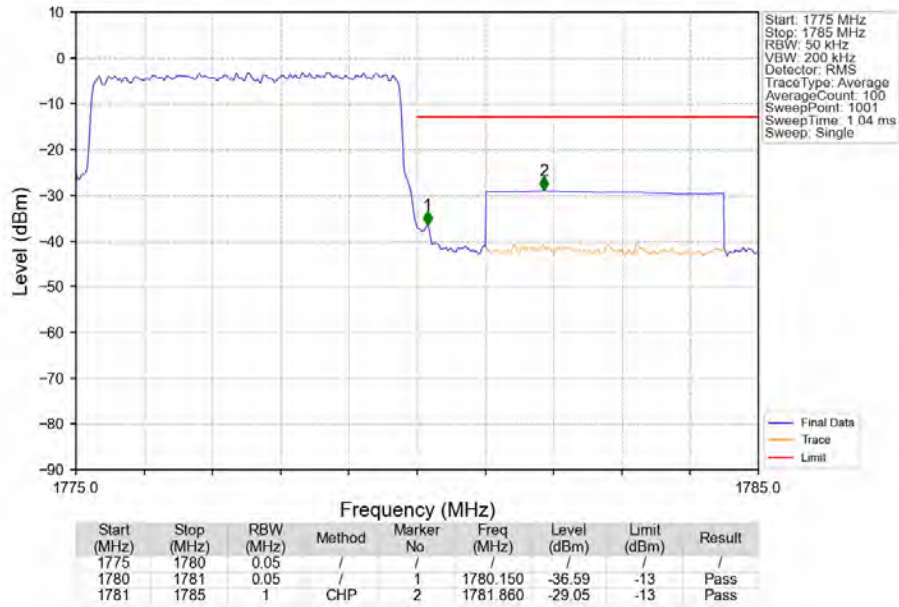
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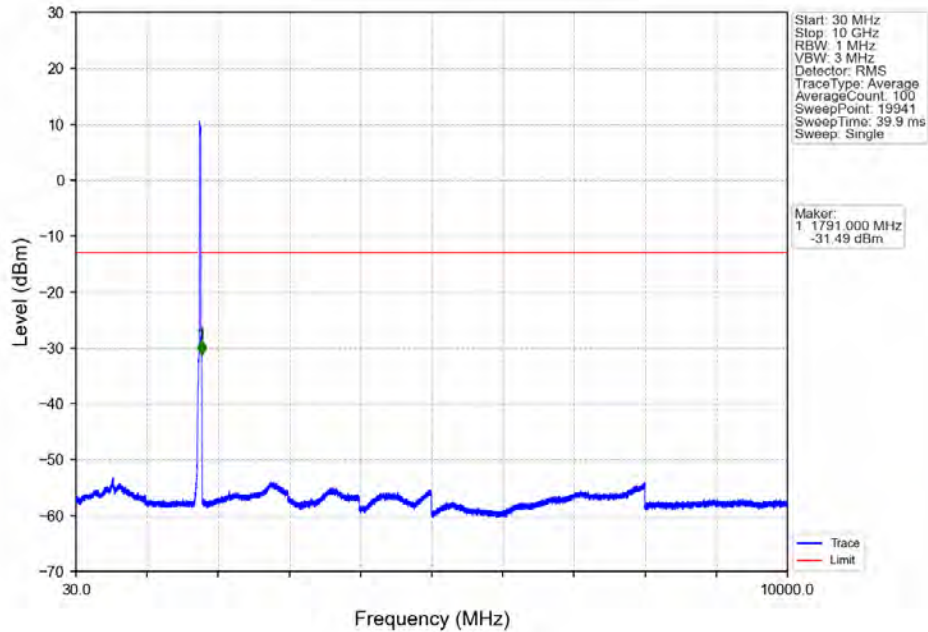
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CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1:75@0\_CC2:25@0



CA\_66B\_SISO\_NTNV\_CC1:15\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:1768.2\_CC2:1777.5MHz\_CC1:75@0\_CC2:25@0



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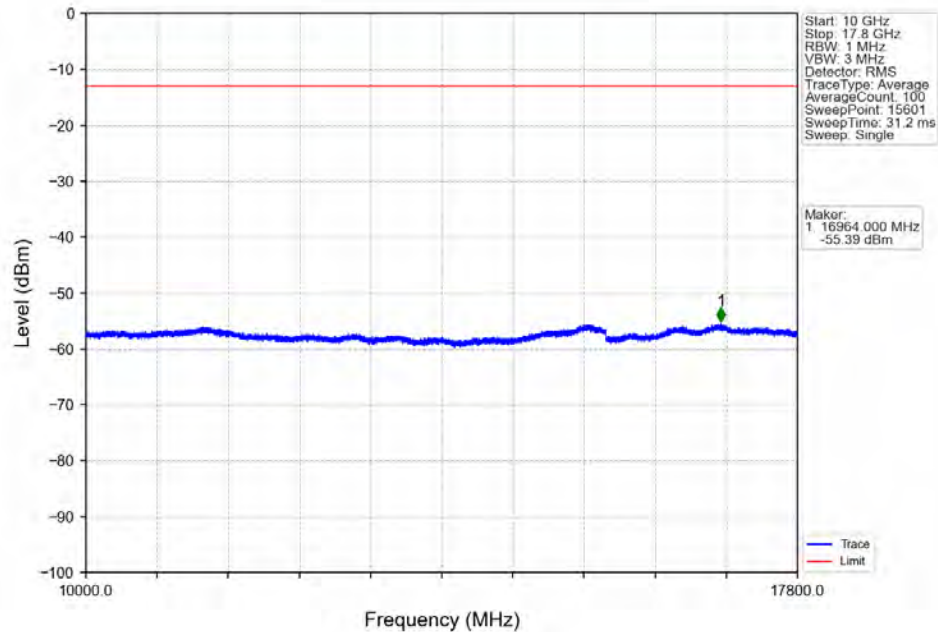
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## 4. Field Strength of Spurious Radiation

Test Band = LTE Band66B\_TM1

Test Channel = Low

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3986.25         | 43.61          | -46.07      | 29.38    | -68.35      | -13.00      | 55.35       | Horizontal |
| 2               | 4938            | 42.63          | -45.57      | 31.30    | -66.90      | -13.00      | 53.90       | Horizontal |
| 3               | 6673.5          | 40.90          | -43.95      | 34.41    | -63.90      | -13.00      | 50.90       | Horizontal |
| 4               | 8061            | 40.17          | -41.75      | 37.06    | -59.77      | -13.00      | 46.77       | Horizontal |
| 5               | 9483            | 39.41          | -40.16      | 37.47    | -58.55      | -13.00      | 45.55       | Horizontal |
| 6               | 11400.75        | 35.48          | -37.37      | 38.80    | -58.35      | -13.00      | 45.35       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3880.5          | 43.39          | -46.21      | 29.21    | -68.87      | -13.00      | 55.87       | Vertical |
| 2               | 4930.5          | 42.54          | -45.56      | 31.29    | -66.99      | -13.00      | 53.99       | Vertical |
| 3               | 6348.75         | 42.11          | -44.48      | 33.59    | -64.04      | -13.00      | 51.04       | Vertical |
| 4               | 7753.5          | 40.80          | -42.69      | 36.75    | -60.39      | -13.00      | 47.39       | Vertical |
| 5               | 8919.75         | 39.92          | -41.19      | 36.55    | -59.98      | -13.00      | 46.98       | Vertical |
| 6               | 9843            | 37.28          | -39.42      | 38.19    | -59.21      | -13.00      | 46.21       | Vertical |



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Test Band = LTE Band66B\_ TM1

Test Channel = Mid

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3909            | 43.67          | -46.26      | 29.25    | -68.59      | -13.00      | 55.59       | Horizontal |
| 2               | 5322.75         | 42.75          | -45.14      | 31.98    | -65.67      | -13.00      | 52.67       | Horizontal |
| 3               | 7017.75         | 41.30          | -43.67      | 35.05    | -62.58      | -13.00      | 49.58       | Horizontal |
| 4               | 8424            | 40.41          | -41.49      | 36.85    | -59.50      | -13.00      | 46.50       | Horizontal |
| 5               | 9420.75         | 39.69          | -39.91      | 37.34    | -58.14      | -13.00      | 45.14       | Horizontal |
| 6               | 11313           | 35.37          | -37.41      | 38.76    | -58.55      | -13.00      | 45.55       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3594.75         | 43.57          | -46.14      | 28.75    | -69.08      | -13.00      | 56.08       | Vertical |
| 2               | 5283            | 43.11          | -45.12      | 31.91    | -65.36      | -13.00      | 52.36       | Vertical |
| 3               | 6776.25         | 41.82          | -44.08      | 34.60    | -62.93      | -13.00      | 49.93       | Vertical |
| 4               | 8170.5          | 40.16          | -42.04      | 37.00    | -60.14      | -13.00      | 47.14       | Vertical |
| 5               | 10674.75        | 35.61          | -38.03      | 38.57    | -59.11      | -13.00      | 46.11       | Vertical |
| 6               | 13323.75        | 34.28          | -36.74      | 39.85    | -57.87      | -13.00      | 44.87       | Vertical |



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Test Band = LTE Band66B\_ TM1  
Test Channel = High

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3971.25         | 43.58          | -46.11      | 29.35    | -68.44      | -13.00      | 55.44       | Horizontal |
| 2               | 5370            | 43.37          | -45.24      | 32.07    | -65.06      | -13.00      | 52.06       | Horizontal |
| 3               | 6993            | 41.12          | -43.59      | 34.99    | -62.74      | -13.00      | 49.74       | Horizontal |
| 4               | 8418.75         | 40.12          | -41.48      | 36.85    | -59.77      | -13.00      | 46.77       | Horizontal |
| 5               | 11160.75        | 34.96          | -37.62      | 38.68    | -59.24      | -13.00      | 46.24       | Horizontal |
| 6               | 14382.75        | 33.02          | -35.03      | 41.11    | -56.17      | -13.00      | 43.17       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3882            | 43.22          | -46.22      | 29.21    | -69.04      | -13.00      | 56.04       | Vertical |
| 2               | 4898.25         | 42.55          | -45.53      | 31.24    | -67.00      | -13.00      | 54.00       | Vertical |
| 3               | 6700.5          | 41.54          | -43.81      | 34.46    | -63.07      | -13.00      | 50.07       | Vertical |
| 4               | 7795.5          | 40.42          | -42.35      | 36.81    | -60.37      | -13.00      | 47.37       | Vertical |
| 5               | 10059           | 36.77          | -39.17      | 38.51    | -59.15      | -13.00      | 46.15       | Vertical |
| 6               | 13465.5         | 34.27          | -36.78      | 40.05    | -57.71      | -13.00      | 44.71       | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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