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# Appendix B.16

## LTE Band 43(3700-3800)



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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 |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band43 | 5MHz      | QPSK       | 43615   | 1RB#0            | 26.66        | 19.56      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 1RB#12           | 26.73        | 19.63      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 1RB#24           | 26.63        | 19.53      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 12RB#0           | 25.70        | 18.6       | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 12RB#6           | 25.74        | 18.64      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 12RB#13          | 25.70        | 18.6       | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 43615   | 25RB#0           | 25.69        | 18.59      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 1RB#0            | 26.88        | 19.78      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 1RB#12           | 26.84        | 19.74      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 1RB#24           | 26.82        | 19.72      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 12RB#0           | 25.87        | 18.77      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 12RB#6           | 25.91        | 18.81      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 12RB#13          | 25.89        | 18.79      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44090   | 25RB#0           | 25.88        | 18.78      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 1RB#0            | 27.15        | 20.05      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 1RB#12           | 27.06        | 19.96      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 1RB#24           | 27.05        | 19.95      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 12RB#0           | 26.09        | 18.99      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 12RB#6           | 26.13        | 19.03      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 12RB#13          | 26.14        | 19.04      | 30          | PASS    |
| Band43 | 5MHz      | QPSK       | 44565   | 25RB#0           | 26.14        | 19.04      | 30          | PASS    |
| Band43 | 5MHz      | 16QAM      | 43615   | 1RB#0            | 25.73        | 18.63      | 30          | PASS    |
| Band43 | 5MHz      | 16QAM      | 43615   | 1RB#12           | 25.80        | 18.7       | 30          | PASS    |
| Band43 | 5MHz      | 16QAM      | 43615   | 1RB#24           | 25.78        | 18.68      | 30          | PASS    |
| Band43 | 5MHz      | 16QAM      | 43615   | 12RB#0           | 24.74        | 17.64      | 30          | PASS    |



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|--------|------|-------|-------|---------|-------|-------|----|------|
| Band43 | 5MHz | 16QAM | 43615 | 12RB#6  | 24.75 | 17.65 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 43615 | 12RB#13 | 24.66 | 17.56 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 43615 | 25RB#0  | 24.73 | 17.63 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 1RB#0   | 26.04 | 18.94 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 1RB#12  | 25.96 | 18.86 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 1RB#24  | 26.02 | 18.92 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 12RB#0  | 24.99 | 17.89 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 12RB#6  | 24.95 | 17.85 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 12RB#13 | 24.85 | 17.75 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44090 | 25RB#0  | 24.92 | 17.82 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 1RB#0   | 26.28 | 19.18 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 1RB#12  | 26.22 | 19.12 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 1RB#24  | 26.13 | 19.03 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 12RB#0  | 25.05 | 17.95 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 12RB#6  | 25.07 | 17.97 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 12RB#13 | 25.18 | 18.08 | 30 | PASS |
| Band43 | 5MHz | 16QAM | 44565 | 25RB#0  | 25.06 | 17.96 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 1RB#0   | 24.91 | 17.81 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 1RB#12  | 25.01 | 17.91 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 1RB#24  | 25.03 | 17.93 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 12RB#0  | 23.73 | 16.63 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 12RB#6  | 23.77 | 16.67 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 12RB#13 | 23.75 | 16.65 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 43615 | 25RB#0  | 23.72 | 16.62 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 44090 | 1RB#0   | 25.16 | 18.06 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 44090 | 1RB#12  | 25.19 | 18.09 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 44090 | 1RB#24  | 25.20 | 18.1  | 30 | PASS |
| Band43 | 5MHz | 64QAM | 44090 | 12RB#0  | 23.87 | 16.77 | 30 | PASS |
| Band43 | 5MHz | 64QAM | 44090 | 12RB#6  | 23.96 | 16.86 | 30 | PASS |



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| Band43 | 5MHz | 64QAM  | 44090 | 12RB#13 | 23.91 | 16.81 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44090 | 25RB#0  | 23.90 | 16.8  | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 1RB#0   | 25.45 | 18.35 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 1RB#12  | 25.49 | 18.39 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 1RB#24  | 25.44 | 18.34 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 12RB#0  | 24.18 | 17.08 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 12RB#6  | 24.13 | 17.03 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 12RB#13 | 24.18 | 17.08 | 30 | PASS |
| Band43 | 5MHz | 64QAM  | 44565 | 25RB#0  | 24.16 | 17.06 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 1RB#0   | 21.67 | 14.57 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 1RB#12  | 21.84 | 14.74 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 1RB#24  | 21.83 | 14.73 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 12RB#0  | 21.73 | 14.63 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 12RB#6  | 21.77 | 14.67 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 12RB#13 | 21.73 | 14.63 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 43615 | 25RB#0  | 21.69 | 14.59 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 1RB#0   | 21.95 | 14.85 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 1RB#12  | 22.05 | 14.95 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 1RB#24  | 21.96 | 14.86 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 12RB#0  | 21.95 | 14.85 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 12RB#6  | 22.00 | 14.9  | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 12RB#13 | 21.94 | 14.84 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44090 | 25RB#0  | 21.89 | 14.79 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 1RB#0   | 22.19 | 15.09 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 1RB#12  | 22.27 | 15.17 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 1RB#24  | 22.27 | 15.17 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 12RB#0  | 22.19 | 15.09 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 12RB#6  | 22.28 | 15.18 | 30 | PASS |
| Band43 | 5MHz | 256QAM | 44565 | 12RB#13 | 22.19 | 15.09 | 30 | PASS |



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| Band43 | 5MHz  | 256QAM | 44565 | 25RB#0  | 22.16 | 15.06 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 1RB#0   | 26.57 | 19.47 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 1RB#24  | 26.67 | 19.57 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 1RB#49  | 26.65 | 19.55 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 25RB#0  | 25.73 | 18.63 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 25RB#12 | 25.76 | 18.66 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 25RB#25 | 25.78 | 18.68 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 43640 | 50RB#0  | 25.75 | 18.65 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 1RB#0   | 26.86 | 19.76 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 1RB#24  | 26.84 | 19.74 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 1RB#49  | 26.81 | 19.71 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 25RB#0  | 25.87 | 18.77 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 25RB#12 | 25.89 | 18.79 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 25RB#25 | 25.89 | 18.79 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44090 | 50RB#0  | 25.85 | 18.75 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 1RB#0   | 27.05 | 19.95 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 1RB#24  | 26.98 | 19.88 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 1RB#49  | 27.08 | 19.98 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 25RB#0  | 26.12 | 19.02 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 25RB#12 | 26.16 | 19.06 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 25RB#25 | 26.11 | 19.01 | 30 | PASS |
| Band43 | 10MHz | QPSK   | 44540 | 50RB#0  | 26.13 | 19.03 | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 1RB#0   | 25.63 | 18.53 | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 1RB#24  | 25.78 | 18.68 | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 1RB#49  | 25.80 | 18.7  | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 25RB#0  | 24.75 | 17.65 | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 25RB#12 | 24.79 | 17.69 | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 25RB#25 | 24.80 | 17.7  | 30 | PASS |
| Band43 | 10MHz | 16QAM  | 43640 | 50RB#0  | 24.77 | 17.67 | 30 | PASS |



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| Band43 | 10MHz | 16QAM | 44090 | 1RB#0   | 26.02 | 18.92 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 1RB#24  | 25.93 | 18.83 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 1RB#49  | 25.85 | 18.75 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 25RB#0  | 24.85 | 17.75 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 25RB#12 | 24.87 | 17.77 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 25RB#25 | 24.91 | 17.81 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44090 | 50RB#0  | 24.88 | 17.78 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 1RB#0   | 26.23 | 19.13 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 1RB#24  | 26.19 | 19.09 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 1RB#49  | 26.23 | 19.13 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 25RB#0  | 25.10 | 18    | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 25RB#12 | 25.19 | 18.09 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 25RB#25 | 25.14 | 18.04 | 30 | PASS |
| Band43 | 10MHz | 16QAM | 44540 | 50RB#0  | 25.15 | 18.05 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 1RB#0   | 24.91 | 17.81 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 1RB#24  | 25.08 | 17.98 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 1RB#49  | 24.99 | 17.89 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 25RB#0  | 23.79 | 16.69 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 25RB#12 | 23.80 | 16.7  | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 25RB#25 | 23.78 | 16.68 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 43640 | 50RB#0  | 23.73 | 16.63 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 1RB#0   | 25.11 | 18.01 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 1RB#24  | 25.13 | 18.03 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 1RB#49  | 25.23 | 18.13 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 25RB#0  | 23.85 | 16.75 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 25RB#12 | 23.91 | 16.81 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 25RB#25 | 23.91 | 16.81 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44090 | 50RB#0  | 23.89 | 16.79 | 30 | PASS |
| Band43 | 10MHz | 64QAM | 44540 | 1RB#0   | 25.46 | 18.36 | 30 | PASS |



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|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band43 | 10MHz | 64QAM  | 44540 | 1RB#24  | 25.36 | 18.26 | 30 | PASS |
| Band43 | 10MHz | 64QAM  | 44540 | 1RB#49  | 25.43 | 18.33 | 30 | PASS |
| Band43 | 10MHz | 64QAM  | 44540 | 25RB#0  | 24.17 | 17.07 | 30 | PASS |
| Band43 | 10MHz | 64QAM  | 44540 | 25RB#12 | 24.17 | 17.07 | 30 | PASS |
| Band43 | 10MHz | 64QAM  | 44540 | 25RB#25 | 24.19 | 17.09 | 30 | PASS |
| Band43 | 10MHz | 64QAM  | 44540 | 50RB#0  | 24.14 | 17.04 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 1RB#0   | 21.67 | 14.57 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 1RB#24  | 21.83 | 14.73 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 1RB#49  | 21.82 | 14.72 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 25RB#0  | 21.74 | 14.64 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 25RB#12 | 21.79 | 14.69 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 25RB#25 | 21.76 | 14.66 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 43640 | 50RB#0  | 21.75 | 14.65 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 1RB#0   | 21.89 | 14.79 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 1RB#24  | 22.13 | 15.03 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 1RB#49  | 22.08 | 14.98 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 25RB#0  | 21.91 | 14.81 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 25RB#12 | 21.93 | 14.83 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 25RB#25 | 22.00 | 14.9  | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44090 | 50RB#0  | 21.94 | 14.84 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 1RB#0   | 22.13 | 15.03 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 1RB#24  | 22.28 | 15.18 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 1RB#49  | 22.31 | 15.21 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 25RB#0  | 22.16 | 15.06 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 25RB#12 | 22.19 | 15.09 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 25RB#25 | 22.15 | 15.05 | 30 | PASS |
| Band43 | 10MHz | 256QAM | 44540 | 50RB#0  | 22.14 | 15.04 | 30 | PASS |
| Band43 | 15MHz | QPSK   | 43665 | 1RB#0   | 26.47 | 19.37 | 30 | PASS |
| Band43 | 15MHz | QPSK   | 43665 | 1RB#38  | 26.51 | 19.41 | 30 | PASS |



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| Band43 | 15MHz | QPSK  | 43665 | 1RB#74  | 26.55 | 19.45 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 43665 | 38RB#0  | 26.54 | 19.44 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 43665 | 38RB#18 | 26.47 | 19.37 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 43665 | 38RB#37 | 26.52 | 19.42 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 43665 | 75RB#0  | 25.67 | 18.57 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 1RB#0   | 26.78 | 19.68 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 1RB#38  | 26.70 | 19.6  | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 1RB#74  | 26.72 | 19.62 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 38RB#0  | 26.55 | 19.45 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 38RB#18 | 26.76 | 19.66 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 38RB#37 | 26.73 | 19.63 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44090 | 75RB#0  | 25.90 | 18.8  | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 1RB#0   | 27.10 | 20    | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 1RB#38  | 27.05 | 19.95 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 1RB#74  | 27.08 | 19.98 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 38RB#0  | 26.97 | 19.87 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 38RB#18 | 27.02 | 19.92 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 38RB#37 | 26.96 | 19.86 | 30 | PASS |
| Band43 | 15MHz | QPSK  | 44515 | 75RB#0  | 26.07 | 18.97 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 1RB#0   | 25.63 | 18.53 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 1RB#38  | 25.65 | 18.55 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 1RB#74  | 25.68 | 18.58 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 38RB#0  | 25.59 | 18.49 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 38RB#18 | 25.63 | 18.53 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 38RB#37 | 25.77 | 18.67 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 43665 | 75RB#0  | 24.67 | 17.57 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 1RB#0   | 25.80 | 18.7  | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 1RB#38  | 25.86 | 18.76 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 1RB#74  | 25.80 | 18.7  | 30 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band43 | 15MHz | 16QAM | 44090 | 38RB#0  | 25.81 | 18.71 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 38RB#18 | 25.86 | 18.76 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 38RB#37 | 25.91 | 18.81 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44090 | 75RB#0  | 24.90 | 17.8  | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 1RB#0   | 26.23 | 19.13 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 1RB#38  | 26.10 | 19    | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 1RB#74  | 26.16 | 19.06 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 38RB#0  | 25.98 | 18.88 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 38RB#18 | 26.11 | 19.01 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 38RB#37 | 26.17 | 19.07 | 30 | PASS |
| Band43 | 15MHz | 16QAM | 44515 | 75RB#0  | 25.14 | 18.04 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 1RB#0   | 24.78 | 17.68 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 1RB#38  | 24.94 | 17.84 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 1RB#74  | 25.01 | 17.91 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 38RB#0  | 24.82 | 17.72 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 38RB#18 | 24.85 | 17.75 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 38RB#37 | 24.98 | 17.88 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 43665 | 75RB#0  | 23.59 | 16.49 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 1RB#0   | 24.85 | 17.75 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 1RB#38  | 25.03 | 17.93 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 1RB#74  | 25.04 | 17.94 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 38RB#0  | 24.97 | 17.87 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 38RB#18 | 25.24 | 18.14 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 38RB#37 | 25.18 | 18.08 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44090 | 75RB#0  | 23.92 | 16.82 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44515 | 1RB#0   | 25.43 | 18.33 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44515 | 1RB#38  | 25.46 | 18.36 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44515 | 1RB#74  | 25.44 | 18.34 | 30 | PASS |
| Band43 | 15MHz | 64QAM | 44515 | 38RB#0  | 25.28 | 18.18 | 30 | PASS |



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| Band43 | 15MHz | 64QAM  | 44515 | 38RB#18 | 25.43 | 18.33 | 30 | PASS |
| Band43 | 15MHz | 64QAM  | 44515 | 38RB#37 | 25.42 | 18.32 | 30 | PASS |
| Band43 | 15MHz | 64QAM  | 44515 | 75RB#0  | 24.10 | 17    | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 1RB#0   | 21.64 | 14.54 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 1RB#38  | 21.76 | 14.66 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 1RB#74  | 21.72 | 14.62 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 38RB#0  | 21.62 | 14.52 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 38RB#18 | 21.68 | 14.58 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 38RB#37 | 21.86 | 14.76 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 43665 | 75RB#0  | 21.59 | 14.49 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 1RB#0   | 21.77 | 14.67 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 1RB#38  | 21.90 | 14.8  | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 1RB#74  | 21.86 | 14.76 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 38RB#0  | 21.66 | 14.56 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 38RB#18 | 21.98 | 14.88 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 38RB#37 | 22.04 | 14.94 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44090 | 75RB#0  | 21.90 | 14.8  | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 1RB#0   | 22.12 | 15.02 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 1RB#38  | 22.23 | 15.13 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 1RB#74  | 22.33 | 15.23 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 38RB#0  | 21.99 | 14.89 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 38RB#18 | 22.23 | 15.13 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 38RB#37 | 22.26 | 15.16 | 30 | PASS |
| Band43 | 15MHz | 256QAM | 44515 | 75RB#0  | 22.08 | 14.98 | 30 | PASS |
| Band43 | 20MHz | QPSK   | 43690 | 1RB#0   | 26.50 | 19.4  | 30 | PASS |
| Band43 | 20MHz | QPSK   | 43690 | 1RB#49  | 26.70 | 19.6  | 30 | PASS |
| Band43 | 20MHz | QPSK   | 43690 | 1RB#99  | 26.66 | 19.56 | 30 | PASS |
| Band43 | 20MHz | QPSK   | 43690 | 50RB#0  | 25.68 | 18.58 | 30 | PASS |
| Band43 | 20MHz | QPSK   | 43690 | 50RB#25 | 25.74 | 18.64 | 30 | PASS |



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| Band43 | 20MHz | QPSK  | 43690 | 50RB#50 | 25.73 | 18.63 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 43690 | 100RB#0 | 25.67 | 18.57 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 1RB#0   | 26.89 | 19.79 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 1RB#49  | 26.82 | 19.72 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 1RB#99  | 26.75 | 19.65 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 50RB#0  | 25.74 | 18.64 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 50RB#25 | 25.89 | 18.79 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 50RB#50 | 25.90 | 18.8  | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44090 | 100RB#0 | 25.86 | 18.76 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 1RB#0   | 27.15 | 20.05 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 1RB#49  | 27.11 | 20.01 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 1RB#99  | 27.03 | 19.93 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 50RB#0  | 26.05 | 18.95 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 50RB#25 | 26.10 | 19    | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 50RB#50 | 26.09 | 18.99 | 30 | PASS |
| Band43 | 20MHz | QPSK  | 44490 | 100RB#0 | 26.07 | 18.97 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 1RB#0   | 25.67 | 18.57 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 1RB#49  | 25.73 | 18.63 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 1RB#99  | 25.83 | 18.73 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 50RB#0  | 24.73 | 17.63 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 50RB#25 | 24.79 | 17.69 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 50RB#50 | 24.74 | 17.64 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 43690 | 100RB#0 | 24.71 | 17.61 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 1RB#0   | 25.98 | 18.88 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 1RB#49  | 25.97 | 18.87 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 1RB#99  | 25.92 | 18.82 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 50RB#0  | 24.78 | 17.68 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 50RB#25 | 24.93 | 17.83 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44090 | 50RB#50 | 24.91 | 17.81 | 30 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band43 | 20MHz | 16QAM | 44090 | 100RB#0 | 24.88 | 17.78 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 1RB#0   | 26.12 | 19.02 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 1RB#49  | 26.17 | 19.07 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 1RB#99  | 26.17 | 19.07 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 50RB#0  | 25.07 | 17.97 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 50RB#25 | 25.14 | 18.04 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 50RB#50 | 25.12 | 18.02 | 30 | PASS |
| Band43 | 20MHz | 16QAM | 44490 | 100RB#0 | 25.06 | 17.96 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 1RB#0   | 24.93 | 17.83 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 1RB#49  | 25.04 | 17.94 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 1RB#99  | 25.07 | 17.97 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 50RB#0  | 23.73 | 16.63 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 50RB#25 | 23.78 | 16.68 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 50RB#50 | 23.74 | 16.64 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 43690 | 100RB#0 | 23.69 | 16.59 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 1RB#0   | 25.10 | 18    | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 1RB#49  | 25.15 | 18.05 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 1RB#99  | 25.19 | 18.09 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 50RB#0  | 23.75 | 16.65 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 50RB#25 | 23.92 | 16.82 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 50RB#50 | 23.85 | 16.75 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44090 | 100RB#0 | 23.90 | 16.8  | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 1RB#0   | 25.25 | 18.15 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 1RB#49  | 25.33 | 18.23 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 1RB#99  | 25.46 | 18.36 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 50RB#0  | 24.08 | 16.98 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 50RB#25 | 24.12 | 17.02 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 50RB#50 | 24.11 | 17.01 | 30 | PASS |
| Band43 | 20MHz | 64QAM | 44490 | 100RB#0 | 24.07 | 16.97 | 30 | PASS |



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| Band43 | 20MHz | 256QAM | 43690 | 1RB#0   | 21.74 | 14.64 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 1RB#49  | 21.87 | 14.77 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 1RB#99  | 21.88 | 14.78 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 50RB#0  | 21.69 | 14.59 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 50RB#25 | 21.75 | 14.65 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 50RB#50 | 21.72 | 14.62 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 43690 | 100RB#0 | 21.67 | 14.57 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 1RB#0   | 21.92 | 14.82 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 1RB#49  | 21.92 | 14.82 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 1RB#99  | 21.93 | 14.83 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 50RB#0  | 21.76 | 14.66 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 50RB#25 | 21.89 | 14.79 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 50RB#50 | 21.88 | 14.78 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44090 | 100RB#0 | 21.90 | 14.8  | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 1RB#0   | 21.94 | 14.84 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 1RB#49  | 22.19 | 15.09 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 1RB#99  | 22.21 | 15.11 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 50RB#0  | 22.04 | 14.94 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 50RB#25 | 22.11 | 15.01 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 50RB#50 | 22.11 | 15.01 | 30 | PASS |
| Band43 | 20MHz | 256QAM | 44490 | 100RB#0 | 22.07 | 14.97 | 30 | PASS |



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## 2. Frequency Stability

### 2.1 B43d\_5MHz

#### 2.1.1 Test Result

| Band: 43d / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |       |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                        | 3702.5          | 25            | 0      | 20         | 3.3           | 2.403            | 0.0006                | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -2.772           | -0.0007               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | 2.140            | 0.0006                | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -2.435           | -0.0007               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -1.649           | -0.0004               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | -2.299           | -0.0006               | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -1.550           | -0.0004               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | 2.626            | 0.0007                | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | 3.138            | 0.0008                | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | 3.131            | 0.0008                | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -1.091           | -0.0003               | /     | Pass    |
|                             | 3750            | 25            | 0      | 20         | 3.3           | -13.494          | -0.0036               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | 5.429            | 0.0014                | /     | Pass    |
|                             |                 |               |        |            | 4.4           | 9.282            | 0.0025                | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | 10.772           | 0.0029                | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | 4.828            | 0.0013                | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | 9.192            | 0.0025                | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -3.473           | -0.0009               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | -5.021           | -0.0013               | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | 5.544            | 0.0015                | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | 3.179            | 0.0008                | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -1.733           | -0.0005               | /     | Pass    |
|                             | 3797.5          | 25            | 0      | 20         | 3.3           | -7.074           | -0.0019               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | 13.827           | 0.0036                | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -2.111           | -0.0006               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -8.150           | -0.0021               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | 5.806            | 0.0015                | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | 5.874            | 0.0015                | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | 1.156            | 0.0003                | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | 1.490            | 0.0004                | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | -9.787           | -0.0026               | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | -1.674           | -0.0004               | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -2.411           | -0.0006               | /     | Pass    |
| 16QAM                       | 3702.5          | 25            | 0      | 20         | 3.3           | -0.900           | -0.0002               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -2.028           | -0.0005               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -0.111           | 0.0000                | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -1.836           | -0.0005               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -2.852           | -0.0008               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | 3.295            | 0.0009                | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -2.207           | -0.0006               | /     | Pass    |



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|-------|--------|----|---|-----|-----|---------|---------|---|------|
|       |        |    |   | 10  | 3.8 | -1.830  | -0.0005 | / | Pass |
|       |        |    |   | 30  | 3.8 | 1.245   | 0.0003  | / | Pass |
|       |        |    |   | 40  | 3.8 | 2.756   | 0.0007  | / | Pass |
|       |        |    |   | 50  | 3.8 | 2.682   | 0.0007  | / | Pass |
| 3750  | 25     | 0  |   | 20  | 3.3 | -1.357  | -0.0004 | / | Pass |
|       |        |    |   |     | 3.8 | -0.438  | -0.0001 | / | Pass |
|       |        |    |   |     | 4.4 | -5.748  | -0.0015 | / | Pass |
|       |        |    |   | -30 | 3.8 | 4.432   | 0.0012  | / | Pass |
|       |        |    |   | -20 | 3.8 | 2.245   | 0.0006  | / | Pass |
|       |        |    |   | -10 | 3.8 | 3.701   | 0.0010  | / | Pass |
|       |        |    |   | 0   | 3.8 | -3.668  | -0.0010 | / | Pass |
|       |        |    |   | 10  | 3.8 | -9.202  | -0.0025 | / | Pass |
|       |        |    |   | 30  | 3.8 | 2.125   | 0.0006  | / | Pass |
|       |        |    |   | 40  | 3.8 | -0.723  | -0.0002 | / | Pass |
|       |        |    |   | 50  | 3.8 | -3.265  | -0.0009 | / | Pass |
|       |        |    |   | 20  | 3.3 | -8.273  | -0.0022 | / | Pass |
|       |        |    |   |     | 3.8 | 2.025   | 0.0005  | / | Pass |
|       |        |    |   |     | 4.4 | 5.905   | 0.0016  | / | Pass |
|       |        |    |   | -30 | 3.8 | -5.404  | -0.0014 | / | Pass |
| 64QAM | 3797.5 | 25 | 0 | -20 | 3.8 | 7.644   | 0.0020  | / | Pass |
|       |        |    |   | -10 | 3.8 | -5.136  | -0.0014 | / | Pass |
|       |        |    |   | 0   | 3.8 | -4.174  | -0.0011 | / | Pass |
|       |        |    |   | 10  | 3.8 | -5.902  | -0.0016 | / | Pass |
|       |        |    |   | 30  | 3.8 | 0.808   | 0.0002  | / | Pass |
|       |        |    |   | 40  | 3.8 | 9.786   | 0.0026  | / | Pass |
|       |        |    |   | 50  | 3.8 | 6.635   | 0.0017  | / | Pass |
|       | 3702.5 | 25 | 0 | 20  | 3.3 | -12.102 | -0.0033 | / | Pass |
|       |        |    |   |     | 3.8 | -1.044  | -0.0003 | / | Pass |
|       |        |    |   |     | 4.4 | -0.742  | -0.0002 | / | Pass |
|       |        |    |   | -30 | 3.8 | 0.923   | 0.0002  | / | Pass |
|       |        |    |   | -20 | 3.8 | 4.353   | 0.0012  | / | Pass |
|       |        |    |   | -10 | 3.8 | -10.392 | -0.0028 | / | Pass |
|       |        |    |   | 0   | 3.8 | 1.423   | 0.0004  | / | Pass |
|       |        |    |   | 10  | 3.8 | 4.209   | 0.0011  | / | Pass |
|       |        |    |   | 30  | 3.8 | 1.519   | 0.0004  | / | Pass |
|       |        |    |   | 40  | 3.8 | -4.388  | -0.0012 | / | Pass |
|       |        |    |   | 50  | 3.8 | -1.039  | -0.0003 | / | Pass |
|       | 3750   | 25 | 0 | 20  | 3.3 | -8.908  | -0.0024 | / | Pass |
|       |        |    |   |     | 3.8 | -3.172  | -0.0008 | / | Pass |
|       |        |    |   |     | 4.4 | 7.934   | 0.0021  | / | Pass |
|       |        |    |   | -30 | 3.8 | -0.205  | -0.0001 | / | Pass |
|       |        |    |   | -20 | 3.8 | -2.202  | -0.0006 | / | Pass |
|       |        |    |   | -10 | 3.8 | -0.251  | -0.0001 | / | Pass |
|       |        |    |   | 0   | 3.8 | -4.551  | -0.0012 | / | Pass |
|       |        |    |   | 10  | 3.8 | 5.338   | 0.0014  | / | Pass |
|       |        |    |   | 30  | 3.8 | -2.528  | -0.0007 | / | Pass |
|       |        |    |   | 40  | 3.8 | 6.151   | 0.0016  | / | Pass |
|       |        |    |   | 50  | 3.8 | 1.726   | 0.0005  | / | Pass |
|       | 3797.5 | 25 | 0 | 20  | 3.3 | -1.212  | -0.0003 | / | Pass |



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|--------|--------|--------|---------|------|--------|---------|---------|-----|---------|
|        |        |        |         |      | 3.8    | 1.952   | 0.0005  | /   | Pass    |
|        |        |        |         |      | 4.4    | -1.544  | -0.0004 | /   | Pass    |
|        |        |        |         | -30  | 3.8    | -1.541  | -0.0004 | /   | Pass    |
|        |        |        |         | -20  | 3.8    | 3.323   | 0.0009  | /   | Pass    |
|        |        |        |         | -10  | 3.8    | 2.841   | 0.0007  | /   | Pass    |
|        |        |        |         | 0    | 3.8    | -0.338  | -0.0001 | /   | Pass    |
|        |        |        |         | 10   | 3.8    | -0.437  | -0.0001 | /   | Pass    |
|        |        |        |         | 30   | 3.8    | 5.618   | 0.0015  | /   | Pass    |
|        |        |        |         | 40   | 3.8    | 3.928   | 0.0010  | /   | Pass    |
|        |        |        |         | 50   | 3.8    | -6.208  | -0.0016 | /   | Pass    |
| 256QAM | 3702.5 | 25     | 0       | 20   | 3.3    | -15.860 | -0.0043 | /   | Pass    |
|        |        |        |         |      | 3.8    | -2.208  | -0.0006 | /   | Pass    |
|        |        |        |         |      | 4.4    | 0.785   | 0.0002  | /   | Pass    |
|        |        |        |         | -30  | 3.8    | -1.616  | -0.0004 | /   | Pass    |
|        |        |        |         | -20  | 3.8    | -3.674  | -0.0010 | /   | Pass    |
|        |        |        |         | -10  | 3.8    | -5.484  | -0.0015 | /   | Pass    |
|        |        |        |         | 0    | 3.8    | -4.853  | -0.0013 | /   | Pass    |
|        |        |        |         | 10   | 3.8    | -1.121  | -0.0003 | /   | Pass    |
|        |        |        |         | 30   | 3.8    | -4.844  | -0.0013 | /   | Pass    |
|        |        |        |         | 40   | 3.8    | 0.708   | 0.0002  | /   | Pass    |
|        |        |        |         | 50   | 3.8    | -9.866  | -0.0027 | /   | Pass    |
|        |        |        |         | 3750 | 25     | 0       | 20      | 3.3 | -11.699 |
|        | 3.8    | 1.882  | 0.0005  |      |        |         |         | /   | Pass    |
|        | 4.4    | -3.096 | -0.0008 |      |        |         |         | /   | Pass    |
|        | -30    | 3.8    | 4.561   |      |        |         | 0.0012  | /   | Pass    |
|        | -20    | 3.8    | -4.371  |      |        |         | -0.0012 | /   | Pass    |
|        | -10    | 3.8    | -3.693  |      |        |         | -0.0010 | /   | Pass    |
|        | 0      | 3.8    | 5.827   |      |        |         | 0.0016  | /   | Pass    |
|        | 10     | 3.8    | 8.444   |      |        |         | 0.0023  | /   | Pass    |
|        | 30     | 3.8    | -2.226  |      |        |         | -0.0006 | /   | Pass    |
|        | 40     | 3.8    | -5.885  |      |        |         | -0.0016 | /   | Pass    |
|        | 50     | 3.8    | 0.312   |      |        |         | 0.0001  | /   | Pass    |
|        | 3797.5 | 25     | 0       |      |        |         | 20      | 3.3 | -14.585 |
|        |        |        |         | 3.8  | -8.499 | -0.0022 |         | /   | Pass    |
|        |        |        |         | 4.4  | 1.624  | 0.0004  |         | /   | Pass    |
|        |        |        |         | -30  | 3.8    | 6.011   | 0.0016  | /   | Pass    |
|        |        |        |         | -20  | 3.8    | -8.378  | -0.0022 | /   | Pass    |
|        |        |        |         | -10  | 3.8    | -3.777  | -0.0010 | /   | Pass    |
|        |        |        |         | 0    | 3.8    | -0.382  | -0.0001 | /   | Pass    |
|        |        |        |         | 10   | 3.8    | -6.921  | -0.0018 | /   | Pass    |
|        |        |        |         | 30   | 3.8    | 3.382   | 0.0009  | /   | Pass    |
|        |        |        |         | 40   | 3.8    | -1.396  | -0.0004 | /   | Pass    |
|        |        |        |         | 50   | 3.8    | -0.688  | -0.0002 | /   | Pass    |

## 2.2 B43d\_10MHz

### 2.2.1 Test Result



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| Band: 43d / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |       |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                         | 3705            | 50            | 0      | 20         | 3.3           | -8.216           | -0.0022               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -3.291           | -0.0009               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | 3.995            | 0.0011                | /     | Pass    |
|                              |                 |               |        | -30        | 3.8           | -1.299           | -0.0004               | /     | Pass    |
|                              |                 |               |        | -20        | 3.8           | 7.403            | 0.0020                | /     | Pass    |
|                              |                 |               |        | -10        | 3.8           | 6.151            | 0.0017                | /     | Pass    |
|                              |                 |               |        | 0          | 3.8           | 8.357            | 0.0023                | /     | Pass    |
|                              |                 |               |        | 10         | 3.8           | 8.373            | 0.0023                | /     | Pass    |
|                              |                 |               |        | 30         | 3.8           | -10.131          | -0.0027               | /     | Pass    |
|                              |                 |               |        | 40         | 3.8           | 2.492            | 0.0007                | /     | Pass    |
|                              |                 |               |        | 50         | 3.8           | 5.192            | 0.0014                | /     | Pass    |
|                              | 3750            | 50            | 0      | 20         | 3.3           | -8.987           | -0.0024               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -5.493           | -0.0015               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | -6.506           | -0.0017               | /     | Pass    |
|                              |                 |               |        | -30        | 3.8           | 6.450            | 0.0017                | /     | Pass    |
|                              |                 |               |        | -20        | 3.8           | -7.611           | -0.0020               | /     | Pass    |
|                              |                 |               |        | -10        | 3.8           | -1.966           | -0.0005               | /     | Pass    |
|                              |                 |               |        | 0          | 3.8           | -1.545           | -0.0004               | /     | Pass    |
|                              |                 |               |        | 10         | 3.8           | -2.204           | -0.0006               | /     | Pass    |
|                              |                 |               |        | 30         | 3.8           | -1.733           | -0.0005               | /     | Pass    |
|                              |                 |               |        | 40         | 3.8           | -3.781           | -0.0010               | /     | Pass    |
|                              |                 |               |        | 50         | 3.8           | -4.244           | -0.0011               | /     | Pass    |
|                              | 3795            | 50            | 0      | 20         | 3.3           | -7.848           | -0.0021               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -1.513           | -0.0004               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | 0.242            | 0.0001                | /     | Pass    |
|                              |                 |               |        | -30        | 3.8           | 2.572            | 0.0007                | /     | Pass    |
|                              |                 |               |        | -20        | 3.8           | -7.382           | -0.0019               | /     | Pass    |
|                              |                 |               |        | -10        | 3.8           | -1.057           | -0.0003               | /     | Pass    |
|                              |                 |               |        | 0          | 3.8           | -4.793           | -0.0013               | /     | Pass    |
|                              |                 |               |        | 10         | 3.8           | -2.741           | -0.0007               | /     | Pass    |
|                              |                 |               |        | 30         | 3.8           | 2.792            | 0.0007                | /     | Pass    |
|                              |                 |               |        | 40         | 3.8           | 6.225            | 0.0016                | /     | Pass    |
| 16QAM                        | 3705            | 50            | 0      | 20         | 3.3           | -0.556           | -0.0002               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -0.168           | 0.0000                | /     | Pass    |
|                              |                 |               |        |            | 4.4           | -2.518           | -0.0007               | /     | Pass    |
|                              |                 |               |        | -30        | 3.8           | -7.485           | -0.0020               | /     | Pass    |
|                              |                 |               |        | -20        | 3.8           | -5.973           | -0.0016               | /     | Pass    |
|                              |                 |               |        | -10        | 3.8           | -8.313           | -0.0022               | /     | Pass    |
|                              |                 |               |        | 0          | 3.8           | 8.244            | 0.0022                | /     | Pass    |
|                              |                 |               |        | 10         | 3.8           | -6.975           | -0.0019               | /     | Pass    |
|                              |                 |               |        | 30         | 3.8           | -4.332           | -0.0012               | /     | Pass    |
|                              |                 |               |        | 40         | 3.8           | 2.556            | 0.0007                | /     | Pass    |
|                              |                 |               |        | 50         | 3.8           | -2.096           | -0.0006               | /     | Pass    |
|                              | 3750            | 50            | 0      | 20         | 3.3           | -7.918           | -0.0021               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -3.186           | -0.0008               | /     | Pass    |



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|       |      |    |   |     |     |         |         |   |      |
|-------|------|----|---|-----|-----|---------|---------|---|------|
|       |      |    |   |     | 4.4 | -4.012  | -0.0011 | / | Pass |
|       |      |    |   | -30 | 3.8 | -8.378  | -0.0022 | / | Pass |
|       |      |    |   | -20 | 3.8 | -1.584  | -0.0004 | / | Pass |
|       |      |    |   | -10 | 3.8 | 0.994   | 0.0003  | / | Pass |
|       |      |    |   | 0   | 3.8 | -0.323  | -0.0001 | / | Pass |
|       |      |    |   | 10  | 3.8 | -10.247 | -0.0027 | / | Pass |
|       |      |    |   | 30  | 3.8 | 2.061   | 0.0005  | / | Pass |
|       |      |    |   | 40  | 3.8 | 4.590   | 0.0012  | / | Pass |
|       |      |    |   | 50  | 3.8 | -0.615  | -0.0002 | / | Pass |
|       | 3795 | 50 | 0 |     | 3.3 | -9.562  | -0.0025 | / | Pass |
|       |      |    |   | 20  | 3.8 | 1.209   | 0.0003  | / | Pass |
|       |      |    |   |     | 4.4 | 1.865   | 0.0005  | / | Pass |
|       |      |    |   | -30 | 3.8 | 8.947   | 0.0024  | / | Pass |
|       |      |    |   | -20 | 3.8 | -1.896  | -0.0005 | / | Pass |
|       |      |    |   | -10 | 3.8 | -9.460  | -0.0025 | / | Pass |
|       |      |    |   | 0   | 3.8 | 5.360   | 0.0014  | / | Pass |
|       |      |    |   | 10  | 3.8 | -2.575  | -0.0007 | / | Pass |
|       |      |    |   | 30  | 3.8 | -3.216  | -0.0008 | / | Pass |
|       |      |    |   | 40  | 3.8 | -4.971  | -0.0013 | / | Pass |
| 64QAM | 3705 | 50 | 0 |     | 3.3 | -2.706  | -0.0007 | / | Pass |
|       |      |    |   | 20  | 3.8 | 0.339   | 0.0001  | / | Pass |
|       |      |    |   |     | 4.4 | 8.655   | 0.0023  | / | Pass |
|       |      |    |   | -30 | 3.8 | 0.760   | 0.0002  | / | Pass |
|       |      |    |   | -20 | 3.8 | 7.551   | 0.0020  | / | Pass |
|       |      |    |   | -10 | 3.8 | 5.201   | 0.0014  | / | Pass |
|       |      |    |   | 0   | 3.8 | 9.829   | 0.0027  | / | Pass |
|       |      |    |   | 10  | 3.8 | 2.695   | 0.0007  | / | Pass |
|       |      |    |   | 30  | 3.8 | 3.634   | 0.0010  | / | Pass |
|       |      |    |   | 40  | 3.8 | -3.274  | -0.0009 | / | Pass |
|       | 3750 | 50 | 0 |     | 3.3 | -10.121 | -0.0027 | / | Pass |
|       |      |    |   | 20  | 3.8 | 3.226   | 0.0009  | / | Pass |
|       |      |    |   |     | 4.4 | 4.508   | 0.0012  | / | Pass |
|       |      |    |   | -30 | 3.8 | -3.505  | -0.0009 | / | Pass |
|       |      |    |   | -20 | 3.8 | 2.702   | 0.0007  | / | Pass |
|       |      |    |   | -10 | 3.8 | -3.862  | -0.0010 | / | Pass |
|       |      |    |   | 0   | 3.8 | 3.291   | 0.0009  | / | Pass |
|       |      |    |   | 10  | 3.8 | -1.032  | -0.0003 | / | Pass |
|       |      |    |   | 30  | 3.8 | 5.699   | 0.0015  | / | Pass |
|       |      |    |   | 40  | 3.8 | 9.354   | 0.0025  | / | Pass |
|       | 3795 | 50 | 0 |     | 3.3 | -12.393 | -0.0033 | / | Pass |
|       |      |    |   | 20  | 3.8 | -7.094  | -0.0019 | / | Pass |
|       |      |    |   |     | 4.4 | 6.053   | 0.0016  | / | Pass |
|       |      |    |   | -30 | 3.8 | 5.396   | 0.0014  | / | Pass |
|       |      |    |   | -20 | 3.8 | -7.868  | -0.0021 | / | Pass |
|       |      |    |   | -10 | 3.8 | -6.605  | -0.0017 | / | Pass |
|       |      |    |   | 0   | 3.8 | 5.018   | 0.0013  | / | Pass |
|       |      |    |   |     |     |         |         |   |      |



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|        |      |    |   |     |     |         |         |   |      |
|--------|------|----|---|-----|-----|---------|---------|---|------|
| 256QAM | 3705 | 50 | 0 | 10  | 3.8 | 3.160   | 0.0008  | / | Pass |
|        |      |    |   | 30  | 3.8 | -0.317  | -0.0001 | / | Pass |
|        |      |    |   | 40  | 3.8 | -4.335  | -0.0011 | / | Pass |
|        |      |    |   | 50  | 3.8 | -3.617  | -0.0010 | / | Pass |
|        |      |    |   | 20  | 3.3 | -5.650  | -0.0015 | / | Pass |
|        |      |    |   |     | 3.8 | 2.490   | 0.0007  | / | Pass |
|        |      |    |   |     | 4.4 | -1.492  | -0.0004 | / | Pass |
|        |      |    |   | -30 | 3.8 | 3.425   | 0.0009  | / | Pass |
|        |      |    |   | -20 | 3.8 | 3.457   | 0.0009  | / | Pass |
|        |      |    |   | -10 | 3.8 | 1.353   | 0.0004  | / | Pass |
|        |      |    |   | 0   | 3.8 | 0.977   | 0.0003  | / | Pass |
|        |      |    |   | 10  | 3.8 | -1.159  | -0.0003 | / | Pass |
|        | 3750 | 50 | 0 | 30  | 3.8 | -0.344  | -0.0001 | / | Pass |
|        |      |    |   | 40  | 3.8 | 2.144   | 0.0006  | / | Pass |
|        |      |    |   | 50  | 3.8 | 0.239   | 0.0001  | / | Pass |
|        |      |    |   | 20  | 3.3 | -2.518  | -0.0007 | / | Pass |
|        |      |    |   |     | 3.8 | -0.659  | -0.0002 | / | Pass |
|        |      |    |   |     | 4.4 | 2.108   | 0.0006  | / | Pass |
|        |      |    |   | -30 | 3.8 | -2.883  | -0.0008 | / | Pass |
|        |      |    |   | -20 | 3.8 | -5.374  | -0.0014 | / | Pass |
|        |      |    |   | -10 | 3.8 | -5.561  | -0.0015 | / | Pass |
|        |      |    |   | 0   | 3.8 | 1.965   | 0.0005  | / | Pass |
|        |      |    |   | 10  | 3.8 | 1.678   | 0.0004  | / | Pass |
|        | 3795 | 50 | 0 | 30  | 3.8 | -3.941  | -0.0011 | / | Pass |
|        |      |    |   | 40  | 3.8 | -3.483  | -0.0009 | / | Pass |
|        |      |    |   | 50  | 3.8 | 5.835   | 0.0016  | / | Pass |
|        |      |    |   | 20  | 3.3 | 2.134   | 0.0006  | / | Pass |
|        |      |    |   |     | 3.8 | -8.441  | -0.0022 | / | Pass |
|        |      |    |   |     | 4.4 | 0.309   | 0.0001  | / | Pass |
|        |      |    |   | -30 | 3.8 | -4.394  | -0.0012 | / | Pass |
|        |      |    |   | -20 | 3.8 | -4.974  | -0.0013 | / | Pass |
|        |      |    |   | -10 | 3.8 | 1.032   | 0.0003  | / | Pass |
|        |      |    |   | 0   | 3.8 | 3.093   | 0.0008  | / | Pass |
|        |      |    |   | 10  | 3.8 | -0.617  | -0.0002 | / | Pass |
|        |      |    |   | 30  | 3.8 | -11.311 | -0.0030 | / | Pass |
|        |      |    |   | 40  | 3.8 | -5.115  | -0.0013 | / | Pass |
|        |      |    |   | 50  | 3.8 | -0.242  | -0.0001 | / | Pass |

## 2.3 B43d\_15MHz

### 2.3.1 Test Result

| Band: 43d / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |       |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                         | 3707.5          | 75            | 0      | 20         | 3.3           | -3.111           | -0.0008               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | 1.369            | 0.0004                | /     | Pass    |



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|       |        |    |   |     |     |        |         |   |      |
|-------|--------|----|---|-----|-----|--------|---------|---|------|
| 16QAM | 3750   | 75 | 0 |     | 4.4 | -1.501 | -0.0004 | / | Pass |
|       |        |    |   | -30 | 3.8 | -7.320 | -0.0020 | / | Pass |
|       |        |    |   | -20 | 3.8 | -1.246 | -0.0003 | / | Pass |
|       |        |    |   | -10 | 3.8 | 0.511  | 0.0001  | / | Pass |
|       |        |    |   | 0   | 3.8 | -1.246 | -0.0003 | / | Pass |
|       |        |    |   | 10  | 3.8 | -0.935 | -0.0003 | / | Pass |
|       |        |    |   | 30  | 3.8 | -0.990 | -0.0003 | / | Pass |
|       |        |    |   | 40  | 3.8 | 4.715  | 0.0013  | / | Pass |
|       |        |    |   | 50  | 3.8 | 5.074  | 0.0014  | / | Pass |
|       |        |    |   | 20  | 3.3 | -7.452 | -0.0020 | / | Pass |
|       |        |    |   |     | 3.8 | 4.707  | 0.0013  | / | Pass |
|       |        |    |   |     | 4.4 | -1.205 | -0.0003 | / | Pass |
|       |        |    |   | -30 | 3.8 | -0.784 | -0.0002 | / | Pass |
|       |        |    |   | -20 | 3.8 | 1.936  | 0.0005  | / | Pass |
|       |        |    |   | -10 | 3.8 | 2.087  | 0.0006  | / | Pass |
|       |        |    |   | 0   | 3.8 | 2.731  | 0.0007  | / | Pass |
|       |        |    |   | 10  | 3.8 | 1.219  | 0.0003  | / | Pass |
|       |        |    |   | 30  | 3.8 | -1.922 | -0.0005 | / | Pass |
|       |        |    |   | 40  | 3.8 | 6.239  | 0.0017  | / | Pass |
|       |        |    |   | 50  | 3.8 | 1.939  | 0.0005  | / | Pass |
|       | 3792.5 | 75 | 0 | 20  | 3.3 | -3.697 | -0.0010 | / | Pass |
|       |        |    |   |     | 3.8 | 6.310  | 0.0017  | / | Pass |
|       |        |    |   |     | 4.4 | -4.377 | -0.0012 | / | Pass |
|       |        |    |   | -30 | 3.8 | 0.347  | 0.0001  | / | Pass |
|       |        |    |   | -20 | 3.8 | -0.550 | -0.0001 | / | Pass |
|       |        |    |   | -10 | 3.8 | -3.835 | -0.0010 | / | Pass |
|       |        |    |   | 0   | 3.8 | 2.725  | 0.0007  | / | Pass |
|       |        |    |   | 10  | 3.8 | -7.842 | -0.0021 | / | Pass |
|       |        |    |   | 30  | 3.8 | 9.039  | 0.0024  | / | Pass |
|       |        |    |   | 40  | 3.8 | 7.400  | 0.0020  | / | Pass |
|       |        |    |   | 50  | 3.8 | 0.940  | 0.0002  | / | Pass |
|       | 3707.5 | 75 | 0 | 20  | 3.3 | -8.446 | -0.0023 | / | Pass |
|       |        |    |   |     | 3.8 | -0.410 | -0.0001 | / | Pass |
|       |        |    |   |     | 4.4 | 2.554  | 0.0007  | / | Pass |
|       |        |    |   | -30 | 3.8 | 5.255  | 0.0014  | / | Pass |
|       |        |    |   | -20 | 3.8 | -1.062 | -0.0003 | / | Pass |
|       |        |    |   | -10 | 3.8 | -6.683 | -0.0018 | / | Pass |
|       |        |    |   | 0   | 3.8 | -7.270 | -0.0020 | / | Pass |
|       |        |    |   | 10  | 3.8 | 4.280  | 0.0012  | / | Pass |
|       |        |    |   | 30  | 3.8 | 4.035  | 0.0011  | / | Pass |
|       |        |    |   | 40  | 3.8 | 0.987  | 0.0003  | / | Pass |
|       |        |    |   | 50  | 3.8 | -1.116 | -0.0003 | / | Pass |
|       | 3750   | 75 | 0 | 20  | 3.3 | -6.193 | -0.0017 | / | Pass |
|       |        |    |   |     | 3.8 | -3.102 | -0.0008 | / | Pass |
|       |        |    |   |     | 4.4 | -1.242 | -0.0003 | / | Pass |
|       |        |    |   | -30 | 3.8 | 3.294  | 0.0009  | / | Pass |
|       |        |    |   | -20 | 3.8 | -6.209 | -0.0017 | / | Pass |
|       |        |    |   | -10 | 3.8 | 1.828  | 0.0005  | / | Pass |
|       |        |    |   | 0   | 3.8 | 3.249  | 0.0009  | / | Pass |



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|        |        |    |   |     |     |         |         |   |      |
|--------|--------|----|---|-----|-----|---------|---------|---|------|
|        | 3792.5 | 75 | 0 | 10  | 3.8 | -4.130  | -0.0011 | / | Pass |
|        |        |    |   | 30  | 3.8 | -0.655  | -0.0002 | / | Pass |
|        |        |    |   | 40  | 3.8 | -2.797  | -0.0007 | / | Pass |
|        |        |    |   | 50  | 3.8 | 5.000   | 0.0013  | / | Pass |
|        |        |    |   | 20  | 3.3 | -4.177  | -0.0011 | / | Pass |
|        |        |    |   |     | 3.8 | -0.927  | -0.0002 | / | Pass |
|        |        |    |   |     | 4.4 | 0.997   | 0.0003  | / | Pass |
|        |        |    |   | -30 | 3.8 | -1.525  | -0.0004 | / | Pass |
|        |        |    |   | -20 | 3.8 | -3.896  | -0.0010 | / | Pass |
|        |        |    |   | -10 | 3.8 | -1.085  | -0.0003 | / | Pass |
|        |        |    |   | 0   | 3.8 | 7.378   | 0.0019  | / | Pass |
|        |        |    |   | 10  | 3.8 | -1.917  | -0.0005 | / | Pass |
|        |        |    |   | 30  | 3.8 | -10.469 | -0.0028 | / | Pass |
|        |        |    |   | 40  | 3.8 | -2.452  | -0.0006 | / | Pass |
|        |        |    |   | 50  | 3.8 | -4.047  | -0.0011 | / | Pass |
| 64QAM  | 3707.5 | 75 | 0 | 20  | 3.3 | -11.208 | -0.0030 | / | Pass |
|        |        |    |   |     | 3.8 | 0.010   | 0.0000  | / | Pass |
|        |        |    |   |     | 4.4 | -5.700  | -0.0015 | / | Pass |
|        |        |    |   | -30 | 3.8 | 3.914   | 0.0011  | / | Pass |
|        |        |    |   | -20 | 3.8 | -5.120  | -0.0014 | / | Pass |
|        |        |    |   | -10 | 3.8 | -3.337  | -0.0009 | / | Pass |
|        |        |    |   | 0   | 3.8 | 3.656   | 0.0010  | / | Pass |
|        |        |    |   | 10  | 3.8 | 0.462   | 0.0001  | / | Pass |
|        |        |    |   | 30  | 3.8 | 10.853  | 0.0029  | / | Pass |
|        |        |    |   | 40  | 3.8 | 11.077  | 0.0030  | / | Pass |
|        |        |    |   | 50  | 3.8 | -4.222  | -0.0011 | / | Pass |
|        | 3750   | 75 | 0 | 20  | 3.3 | -7.339  | -0.0020 | / | Pass |
|        |        |    |   |     | 3.8 | -4.368  | -0.0012 | / | Pass |
|        |        |    |   |     | 4.4 | 3.695   | 0.0010  | / | Pass |
|        |        |    |   | -30 | 3.8 | -5.877  | -0.0016 | / | Pass |
|        |        |    |   | -20 | 3.8 | 0.893   | 0.0002  | / | Pass |
|        |        |    |   | -10 | 3.8 | 2.977   | 0.0008  | / | Pass |
|        |        |    |   | 0   | 3.8 | 2.531   | 0.0007  | / | Pass |
|        |        |    |   | 10  | 3.8 | 4.178   | 0.0011  | / | Pass |
|        |        |    |   | 30  | 3.8 | -0.193  | -0.0001 | / | Pass |
|        |        |    |   | 40  | 3.8 | -5.324  | -0.0014 | / | Pass |
|        |        |    |   | 50  | 3.8 | -7.274  | -0.0019 | / | Pass |
|        | 3792.5 | 75 | 0 | 20  | 3.3 | 0.398   | 0.0001  | / | Pass |
|        |        |    |   |     | 3.8 | -2.809  | -0.0007 | / | Pass |
|        |        |    |   |     | 4.4 | -3.986  | -0.0011 | / | Pass |
|        |        |    |   | -30 | 3.8 | 3.819   | 0.0010  | / | Pass |
|        |        |    |   | -20 | 3.8 | -1.836  | -0.0005 | / | Pass |
|        |        |    |   | -10 | 3.8 | 2.658   | 0.0007  | / | Pass |
|        |        |    |   | 0   | 3.8 | 3.847   | 0.0010  | / | Pass |
|        |        |    |   | 10  | 3.8 | 10.288  | 0.0027  | / | Pass |
|        |        |    |   | 30  | 3.8 | -6.520  | -0.0017 | / | Pass |
|        |        |    |   | 40  | 3.8 | 5.366   | 0.0014  | / | Pass |
|        |        |    |   | 50  | 3.8 | 4.482   | 0.0012  | / | Pass |
| 256QAM | 3707.5 | 75 | 0 | 20  | 3.3 | -6.573  | -0.0018 | / | Pass |



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|  |        |    |   |  |     |        |         |         |      |
|--|--------|----|---|--|-----|--------|---------|---------|------|
|  |        |    |   |  | 3.8 | 0.170  | 0.0000  | /       | Pass |
|  |        |    |   |  | 4.4 | -6.231 | -0.0017 | /       | Pass |
|  |        |    |   |  | -30 | 3.8    | 4.422   | 0.0012  | Pass |
|  |        |    |   |  | -20 | 3.8    | -2.387  | -0.0006 | Pass |
|  |        |    |   |  | -10 | 3.8    | 3.978   | 0.0011  | Pass |
|  |        |    |   |  | 0   | 3.8    | 3.012   | 0.0008  | Pass |
|  |        |    |   |  | 10  | 3.8    | -12.463 | -0.0034 | Pass |
|  |        |    |   |  | 30  | 3.8    | 0.653   | 0.0002  | Pass |
|  |        |    |   |  | 40  | 3.8    | -4.654  | -0.0013 | Pass |
|  |        |    |   |  | 50  | 3.8    | -3.937  | -0.0011 | Pass |
|  | 3750   | 75 | 0 |  | 20  | 3.3    | -10.396 | -0.0028 | Pass |
|  |        |    |   |  |     | 3.8    | -0.253  | -0.0001 | Pass |
|  |        |    |   |  |     | 4.4    | -6.728  | -0.0018 | Pass |
|  |        |    |   |  | -30 | 3.8    | -2.882  | -0.0008 | Pass |
|  |        |    |   |  | -20 | 3.8    | -2.479  | -0.0007 | Pass |
|  |        |    |   |  | -10 | 3.8    | 4.202   | 0.0011  | Pass |
|  |        |    |   |  | 0   | 3.8    | -9.866  | -0.0026 | Pass |
|  |        |    |   |  | 10  | 3.8    | -4.172  | -0.0011 | Pass |
|  |        |    |   |  | 30  | 3.8    | -10.734 | -0.0029 | Pass |
|  |        |    |   |  | 40  | 3.8    | -1.592  | -0.0004 | Pass |
|  |        |    |   |  | 50  | 3.8    | -0.330  | -0.0001 | Pass |
|  | 3792.5 | 75 | 0 |  | 20  | 3.3    | -8.854  | -0.0023 | Pass |
|  |        |    |   |  |     | 3.8    | -2.975  | -0.0008 | Pass |
|  |        |    |   |  |     | 4.4    | -4.806  | -0.0013 | Pass |
|  |        |    |   |  | -30 | 3.8    | -5.836  | -0.0015 | Pass |
|  |        |    |   |  | -20 | 3.8    | 0.144   | 0.0000  | Pass |
|  |        |    |   |  | -10 | 3.8    | -1.557  | -0.0004 | Pass |
|  |        |    |   |  | 0   | 3.8    | -7.435  | -0.0020 | Pass |
|  |        |    |   |  | 10  | 3.8    | 0.019   | 0.0000  | Pass |
|  |        |    |   |  | 30  | 3.8    | 4.158   | 0.0011  | Pass |
|  |        |    |   |  | 40  | 3.8    | -0.368  | -0.0001 | Pass |
|  |        |    |   |  | 50  | 3.8    | -2.846  | -0.0008 | Pass |

## 2.4 B43d\_20MHz

### 2.4.1 Test Result

| Band: 43d / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |       |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                         | 3710            | 100           | 0      | 20         | 3.3           | -8.530           | -0.0023               | /     | Pass    |
|                              |                 |               |        |            | 3.8           | -5.018           | -0.0014               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | -6.944           | -0.0019               | /     | Pass    |
|                              |                 |               |        | -30        | 3.8           | 8.185            | 0.0022                | /     | Pass    |
|                              |                 |               |        | -20        | 3.8           | 1.501            | 0.0004                | /     | Pass    |
|                              |                 |               |        | -10        | 3.8           | -2.392           | -0.0006               | /     | Pass    |
|                              |                 |               |        | 0          | 3.8           | 3.393            | 0.0009                | /     | Pass    |



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|-------|------|-----|---|-----|-----|---------|---------|---|------|
| 16QAM | 3750 | 100 | 0 | 10  | 3.8 | -8.188  | -0.0022 | / | Pass |
|       |      |     |   | 30  | 3.8 | -0.624  | -0.0002 | / | Pass |
|       |      |     |   | 40  | 3.8 | 3.093   | 0.0008  | / | Pass |
|       |      |     |   | 50  | 3.8 | 7.444   | 0.0020  | / | Pass |
|       |      |     |   | 20  | 3.3 | -9.012  | -0.0024 | / | Pass |
|       |      |     |   |     | 3.8 | 1.294   | 0.0003  | / | Pass |
|       |      |     |   |     | 4.4 | 2.503   | 0.0007  | / | Pass |
|       |      |     |   | -30 | 3.8 | -10.505 | -0.0028 | / | Pass |
|       |      |     |   | -20 | 3.8 | -0.803  | -0.0002 | / | Pass |
|       |      |     |   | -10 | 3.8 | 2.224   | 0.0006  | / | Pass |
|       |      |     |   | 0   | 3.8 | 0.334   | 0.0001  | / | Pass |
|       |      |     |   | 10  | 3.8 | -2.753  | -0.0007 | / | Pass |
|       |      |     |   | 30  | 3.8 | -5.425  | -0.0014 | / | Pass |
|       |      |     |   | 40  | 3.8 | 8.977   | 0.0024  | / | Pass |
|       |      |     |   | 50  | 3.8 | 3.368   | 0.0009  | / | Pass |
|       | 3790 | 100 | 0 | 20  | 3.3 | -3.586  | -0.0009 | / | Pass |
|       |      |     |   |     | 3.8 | -2.700  | -0.0007 | / | Pass |
|       |      |     |   |     | 4.4 | 5.425   | 0.0014  | / | Pass |
|       |      |     |   | -30 | 3.8 | 1.993   | 0.0005  | / | Pass |
|       |      |     |   | -20 | 3.8 | 0.462   | 0.0001  | / | Pass |
|       |      |     |   | -10 | 3.8 | -0.794  | -0.0002 | / | Pass |
|       |      |     |   | 0   | 3.8 | -0.811  | -0.0002 | / | Pass |
|       |      |     |   | 10  | 3.8 | -5.062  | -0.0013 | / | Pass |
|       |      |     |   | 30  | 3.8 | 0.793   | 0.0002  | / | Pass |
|       |      |     |   | 40  | 3.8 | -4.185  | -0.0011 | / | Pass |
|       |      |     |   | 50  | 3.8 | 2.161   | 0.0006  | / | Pass |
|       | 3710 | 100 | 0 | 20  | 3.3 | -11.349 | -0.0031 | / | Pass |
|       |      |     |   |     | 3.8 | -0.535  | -0.0001 | / | Pass |
|       |      |     |   |     | 4.4 | 7.127   | 0.0019  | / | Pass |
|       |      |     |   | -30 | 3.8 | -4.934  | -0.0013 | / | Pass |
|       |      |     |   | -20 | 3.8 | 6.520   | 0.0018  | / | Pass |
|       |      |     |   | -10 | 3.8 | 0.096   | 0.0000  | / | Pass |
|       |      |     |   | 0   | 3.8 | 2.602   | 0.0007  | / | Pass |
|       |      |     |   | 10  | 3.8 | -2.541  | -0.0007 | / | Pass |
|       |      |     |   | 30  | 3.8 | 5.533   | 0.0015  | / | Pass |
|       |      |     |   | 40  | 3.8 | 6.081   | 0.0016  | / | Pass |
|       |      |     |   | 50  | 3.8 | 1.263   | 0.0003  | / | Pass |
|       | 3750 | 100 | 0 | 20  | 3.3 | -8.135  | -0.0022 | / | Pass |
|       |      |     |   |     | 3.8 | 9.765   | 0.0026  | / | Pass |
|       |      |     |   |     | 4.4 | 0.858   | 0.0002  | / | Pass |
|       |      |     |   | -30 | 3.8 | 1.171   | 0.0003  | / | Pass |
|       |      |     |   | -20 | 3.8 | -2.956  | -0.0008 | / | Pass |
|       |      |     |   | -10 | 3.8 | 12.901  | 0.0034  | / | Pass |
|       |      |     |   | 0   | 3.8 | -1.184  | -0.0003 | / | Pass |
|       |      |     |   | 10  | 3.8 | 0.510   | 0.0001  | / | Pass |
|       |      |     |   | 30  | 3.8 | 1.724   | 0.0005  | / | Pass |
|       |      |     |   | 40  | 3.8 | -0.230  | -0.0001 | / | Pass |
|       |      |     |   | 50  | 3.8 | -1.552  | -0.0004 | / | Pass |
|       | 3790 | 100 | 0 | 20  | 3.3 | -8.576  | -0.0023 | / | Pass |



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|        |      |     |   |     |     |        |         |         |      |
|--------|------|-----|---|-----|-----|--------|---------|---------|------|
|        |      |     |   |     | 3.8 | -0.989 | -0.0003 | /       | Pass |
|        |      |     |   |     | 4.4 | -6.239 | -0.0016 | /       | Pass |
|        |      |     |   |     | -30 | 3.8    | -3.729  | -0.0010 | Pass |
|        |      |     |   |     | -20 | 3.8    | -3.120  | -0.0008 | Pass |
|        |      |     |   |     | -10 | 3.8    | -5.022  | -0.0013 | Pass |
|        |      |     |   |     | 0   | 3.8    | 5.005   | 0.0013  | Pass |
|        |      |     |   |     | 10  | 3.8    | -0.670  | -0.0002 | Pass |
|        |      |     |   |     | 30  | 3.8    | -1.159  | -0.0003 | Pass |
|        |      |     |   |     | 40  | 3.8    | -0.431  | -0.0001 | Pass |
|        |      |     |   |     | 50  | 3.8    | 11.177  | 0.0029  | Pass |
| 64QAM  | 3710 | 100 | 0 | 20  | 3.3 | -0.991 | -0.0003 | /       | Pass |
|        |      |     |   |     | 3.8 | 9.040  | 0.0024  | /       | Pass |
|        |      |     |   |     | 4.4 | 5.170  | 0.0014  | /       | Pass |
|        |      |     |   | -30 | 3.8 | -0.313 | -0.0001 | /       | Pass |
|        |      |     |   |     | -20 | 3.8    | 1.286   | 0.0003  | Pass |
|        |      |     |   |     | -10 | 3.8    | 0.888   | 0.0002  | Pass |
|        |      |     |   | 0   | 3.8 | 2.403  | 0.0006  | /       | Pass |
|        |      |     |   |     | 10  | 3.8    | 5.718   | 0.0015  | Pass |
|        |      |     |   |     | 30  | 3.8    | 1.110   | 0.0003  | Pass |
|        |      |     |   | 40  | 3.8 | 0.610  | 0.0002  | /       | Pass |
|        |      |     |   |     | 3.8 | 3.503  | 0.0009  | /       | Pass |
|        | 3750 | 100 | 0 | 20  | 3.3 | -5.617 | -0.0015 | /       | Pass |
|        |      |     |   |     | 3.8 | -7.411 | -0.0020 | /       | Pass |
|        |      |     |   |     | 4.4 | -4.592 | -0.0012 | /       | Pass |
|        |      |     |   | -30 | 3.8 | 0.672  | 0.0002  | /       | Pass |
|        |      |     |   |     | -20 | 3.8    | 0.040   | 0.0000  | Pass |
|        |      |     |   |     | -10 | 3.8    | 5.770   | 0.0015  | Pass |
|        |      |     |   | 0   | 3.8 | 8.780  | 0.0023  | /       | Pass |
|        |      |     |   |     | 10  | 3.8    | -2.252  | -0.0006 | Pass |
|        |      |     |   |     | 30  | 3.8    | -1.617  | -0.0004 | Pass |
|        |      |     |   | 40  | 3.8 | -1.857 | -0.0005 | /       | Pass |
|        |      |     |   |     | 3.8 | -1.019 | -0.0003 | /       | Pass |
|        | 3790 | 100 | 0 | 20  | 3.3 | -6.420 | -0.0017 | /       | Pass |
|        |      |     |   |     | 3.8 | -1.073 | -0.0003 | /       | Pass |
|        |      |     |   |     | 4.4 | -9.075 | -0.0024 | /       | Pass |
|        |      |     |   | -30 | 3.8 | 13.698 | 0.0036  | /       | Pass |
|        |      |     |   |     | -20 | 3.8    | 0.593   | 0.0002  | Pass |
|        |      |     |   |     | -10 | 3.8    | -4.845  | -0.0013 | Pass |
|        |      |     |   | 0   | 3.8 | -1.468 | -0.0004 | /       | Pass |
|        |      |     |   |     | 10  | 3.8    | -1.871  | -0.0005 | Pass |
|        |      |     |   |     | 30  | 3.8    | -2.079  | -0.0005 | Pass |
|        |      |     |   | 40  | 3.8 | 1.493  | 0.0004  | /       | Pass |
|        |      |     |   |     | 3.8 | -3.171 | -0.0008 | /       | Pass |
| 256QAM | 3710 | 100 | 0 | 20  | 3.3 | -8.788 | -0.0024 | /       | Pass |
|        |      |     |   |     | 3.8 | -1.121 | -0.0003 | /       | Pass |
|        |      |     |   |     | 4.4 | -5.613 | -0.0015 | /       | Pass |
|        |      |     |   | -30 | 3.8 | -8.645 | -0.0023 | /       | Pass |
|        |      |     |   |     | -20 | 3.8    | -1.221  | -0.0003 | Pass |
|        |      |     |   |     | -10 | 3.8    | 5.287   | 0.0014  | Pass |



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|  |      |     |   |     |     |         |         |   |      |
|--|------|-----|---|-----|-----|---------|---------|---|------|
|  |      |     |   | 0   | 3.8 | 2.474   | 0.0007  | / | Pass |
|  |      |     |   | 10  | 3.8 | -1.484  | -0.0004 | / | Pass |
|  |      |     |   | 30  | 3.8 | -2.798  | -0.0008 | / | Pass |
|  |      |     |   | 40  | 3.8 | 5.195   | 0.0014  | / | Pass |
|  |      |     |   | 50  | 3.8 | 0.716   | 0.0002  | / | Pass |
|  | 3750 | 100 | 0 | 20  | 3.3 | -4.726  | -0.0013 | / | Pass |
|  |      |     |   |     | 3.8 | -2.824  | -0.0008 | / | Pass |
|  |      |     |   |     | 4.4 | -7.388  | -0.0020 | / | Pass |
|  |      |     |   | -30 | 3.8 | -5.569  | -0.0015 | / | Pass |
|  |      |     |   | -20 | 3.8 | -5.776  | -0.0015 | / | Pass |
|  |      |     |   | -10 | 3.8 | -0.417  | -0.0001 | / | Pass |
|  |      |     |   | 0   | 3.8 | -4.560  | -0.0012 | / | Pass |
|  |      |     |   | 10  | 3.8 | -3.869  | -0.0010 | / | Pass |
|  |      |     |   | 30  | 3.8 | 6.809   | 0.0018  | / | Pass |
|  |      |     |   | 40  | 3.8 | -4.330  | -0.0012 | / | Pass |
|  |      |     |   | 50  | 3.8 | 2.009   | 0.0005  | / | Pass |
|  | 3790 | 100 | 0 | 20  | 3.3 | -16.384 | -0.0043 | / | Pass |
|  |      |     |   |     | 3.8 | -8.152  | -0.0022 | / | Pass |
|  |      |     |   |     | 4.4 | -0.010  | 0.0000  | / | Pass |
|  |      |     |   | -30 | 3.8 | -3.231  | -0.0009 | / | Pass |
|  |      |     |   | -20 | 3.8 | -2.571  | -0.0007 | / | Pass |
|  |      |     |   | -10 | 3.8 | -3.332  | -0.0009 | / | Pass |
|  |      |     |   | 0   | 3.8 | -3.658  | -0.0010 | / | Pass |
|  |      |     |   | 10  | 3.8 | 5.756   | 0.0015  | / | Pass |
|  |      |     |   | 30  | 3.8 | 0.844   | 0.0002  | / | Pass |
|  |      |     |   | 40  | 3.8 | 6.762   | 0.0018  | / | Pass |
|  |      |     |   | 50  | 3.8 | -3.919  | -0.0010 | / | Pass |



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## 3. 99% & 26dB Bandwidth

### 3.1 Band43d\_OBW

#### 3.1.1 Test Result

| Band: 43d / NTV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 3702.5          | 25            | 0      | 4.538                        | /     | Pass    |
|                 |            | 3750            | 25            | 0      | 4.540                        | /     | Pass    |
|                 |            | 3797.5          | 25            | 0      | 4.557                        | /     | Pass    |
|                 | 16QAM      | 3702.5          | 25            | 0      | 4.531                        | /     | Pass    |
|                 |            | 3750            | 25            | 0      | 4.548                        | /     | Pass    |
|                 |            | 3797.5          | 25            | 0      | 4.537                        | /     | Pass    |
|                 | 64QAM      | 3702.5          | 25            | 0      | 4.557                        | /     | Pass    |
|                 |            | 3750            | 25            | 0      | 4.527                        | /     | Pass    |
|                 |            | 3797.5          | 25            | 0      | 4.563                        | /     | Pass    |
|                 | 256QAM     | 3702.5          | 25            | 0      | 4.569                        | /     | Pass    |
|                 |            | 3750            | 25            | 0      | 4.543                        | /     | Pass    |
|                 |            | 3797.5          | 25            | 0      | 4.558                        | /     | Pass    |
| 10              | QPSK       | 3705            | 50            | 0      | 9.045                        | /     | Pass    |
|                 |            | 3750            | 50            | 0      | 9.044                        | /     | Pass    |
|                 |            | 3795            | 50            | 0      | 9.065                        | /     | Pass    |
|                 | 16QAM      | 3705            | 50            | 0      | 9.031                        | /     | Pass    |
|                 |            | 3750            | 50            | 0      | 9.063                        | /     | Pass    |
|                 |            | 3795            | 50            | 0      | 9.063                        | /     | Pass    |
|                 | 64QAM      | 3705            | 50            | 0      | 9.018                        | /     | Pass    |
|                 |            | 3750            | 50            | 0      | 9.016                        | /     | Pass    |
|                 |            | 3795            | 50            | 0      | 9.025                        | /     | Pass    |
|                 | 256QAM     | 3705            | 50            | 0      | 9.047                        | /     | Pass    |
|                 |            | 3750            | 50            | 0      | 9.031                        | /     | Pass    |
|                 |            | 3795            | 50            | 0      | 9.101                        | /     | Pass    |
| 15              | QPSK       | 3707.5          | 75            | 0      | 13.534                       | /     | Pass    |
|                 |            | 3750            | 75            | 0      | 13.558                       | /     | Pass    |
|                 |            | 3792.5          | 75            | 0      | 13.532                       | /     | Pass    |
|                 | 16QAM      | 3707.5          | 75            | 0      | 13.605                       | /     | Pass    |
|                 |            | 3750            | 75            | 0      | 13.573                       | /     | Pass    |
|                 |            | 3792.5          | 75            | 0      | 13.568                       | /     | Pass    |
|                 | 64QAM      | 3707.5          | 75            | 0      | 13.528                       | /     | Pass    |
|                 |            | 3750            | 75            | 0      | 13.569                       | /     | Pass    |
|                 |            | 3792.5          | 75            | 0      | 13.543                       | /     | Pass    |
|                 | 256QAM     | 3707.5          | 75            | 0      | 13.597                       | /     | Pass    |
|                 |            | 3750            | 75            | 0      | 13.523                       | /     | Pass    |
|                 |            | 3792.5          | 75            | 0      | 13.541                       | /     | Pass    |
| 20              | QPSK       | 3710            | 100           | 0      | 18.093                       | /     | Pass    |
|                 |            | 3750            | 100           | 0      | 18.055                       | /     | Pass    |
|                 |            | 3790            | 100           | 0      | 18.079                       | /     | Pass    |
|                 | 16QAM      | 3710            | 100           | 0      | 18.049                       | /     | Pass    |



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|  |        |      |     |   |        |   |      |
|--|--------|------|-----|---|--------|---|------|
|  |        | 3750 | 100 | 0 | 18.099 | / | Pass |
|  |        | 3790 | 100 | 0 | 18.042 | / | Pass |
|  | 64QAM  | 3710 | 100 | 0 | 18.057 | / | Pass |
|  |        | 3750 | 100 | 0 | 18.079 | / | Pass |
|  |        | 3790 | 100 | 0 | 18.062 | / | Pass |
|  | 256QAM | 3710 | 100 | 0 | 18.095 | / | Pass |
|  |        | 3750 | 100 | 0 | 18.051 | / | Pass |
|  |        | 3790 | 100 | 0 | 18.061 | / | Pass |
|  |        | 3750 | 100 | 0 | 18.099 | / | Pass |
|  |        | 3790 | 100 | 0 | 18.042 | / | Pass |



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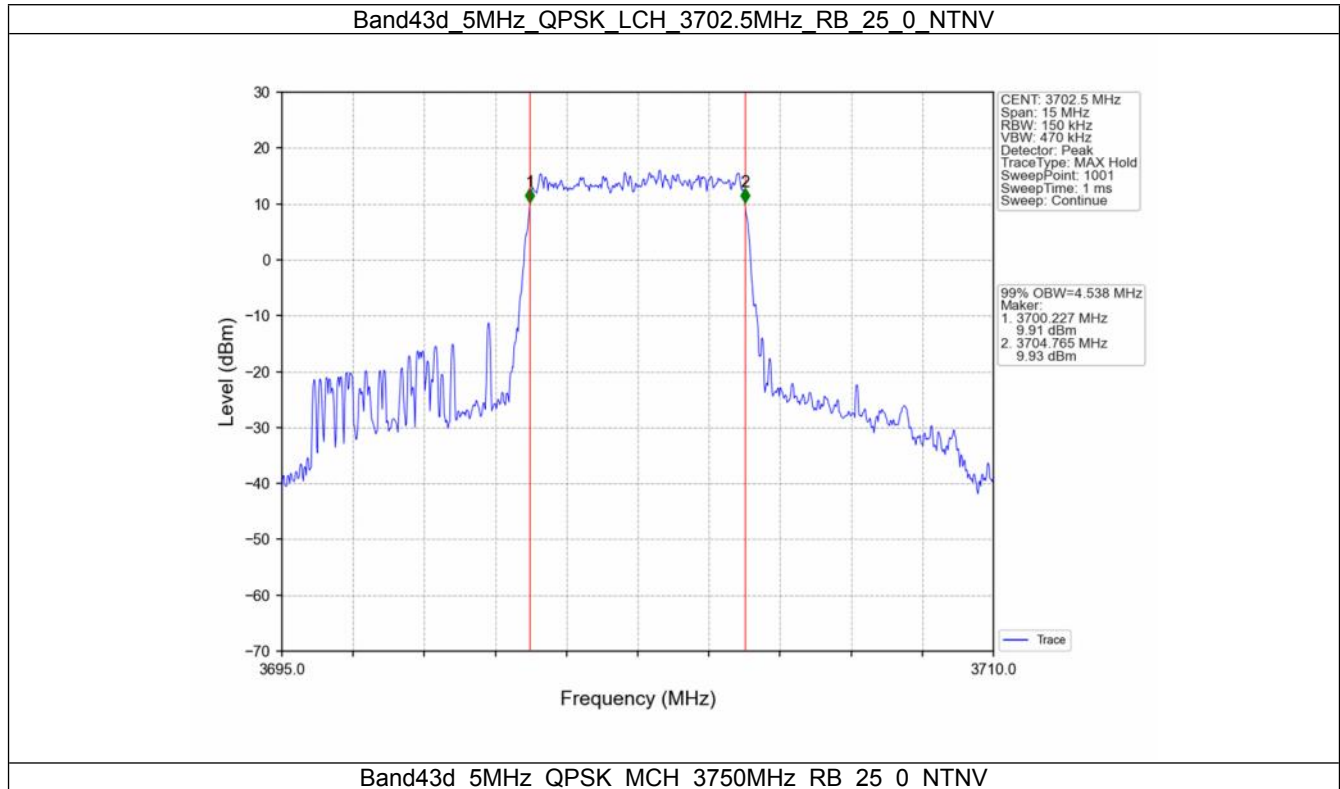
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### 3.1.2 Test Graph



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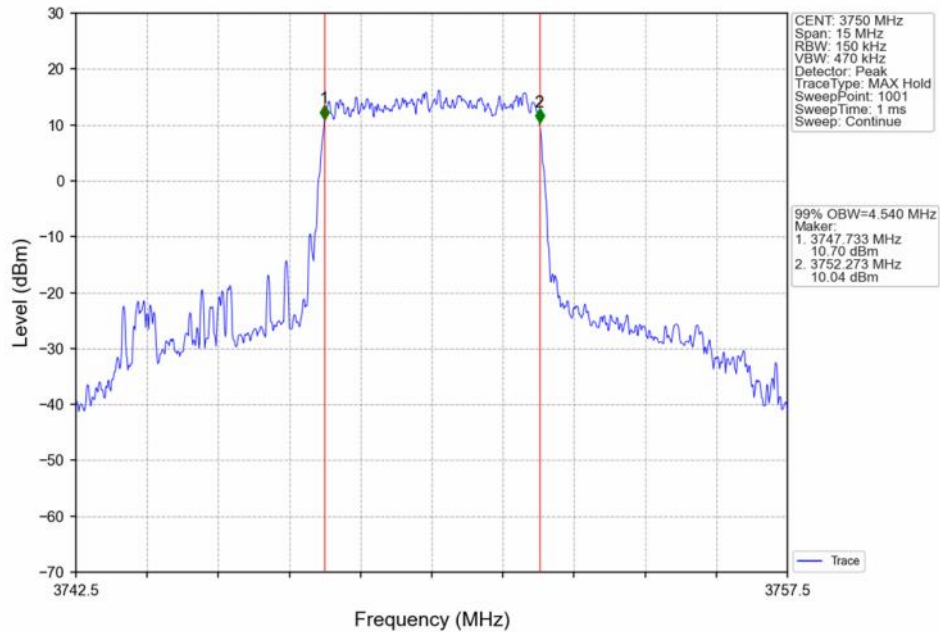
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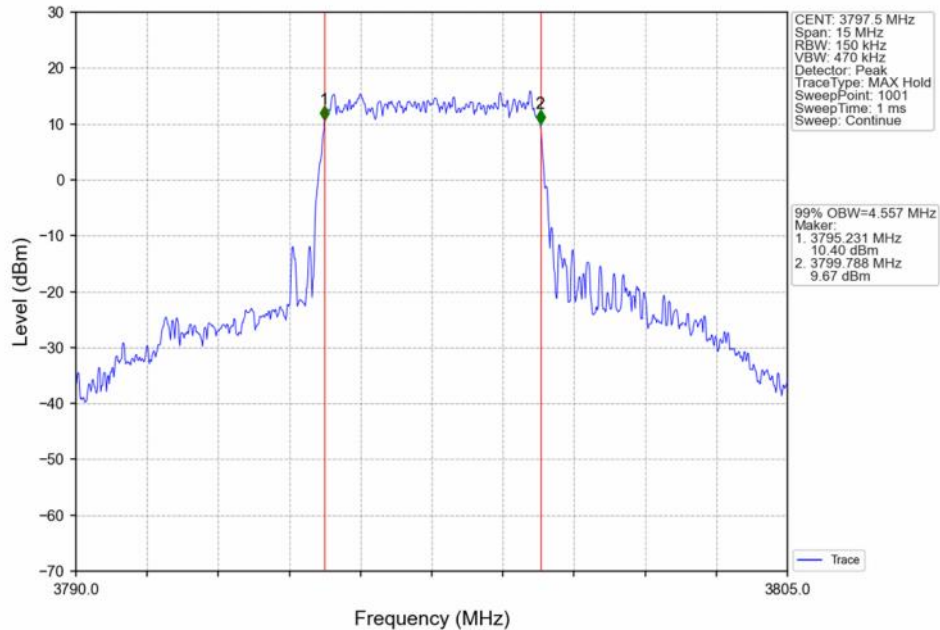
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Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_25\_0\_NTNV



Band43d\_5MHz\_16QAM\_LCH\_3702.5MHz\_RB\_25\_0\_NTNV



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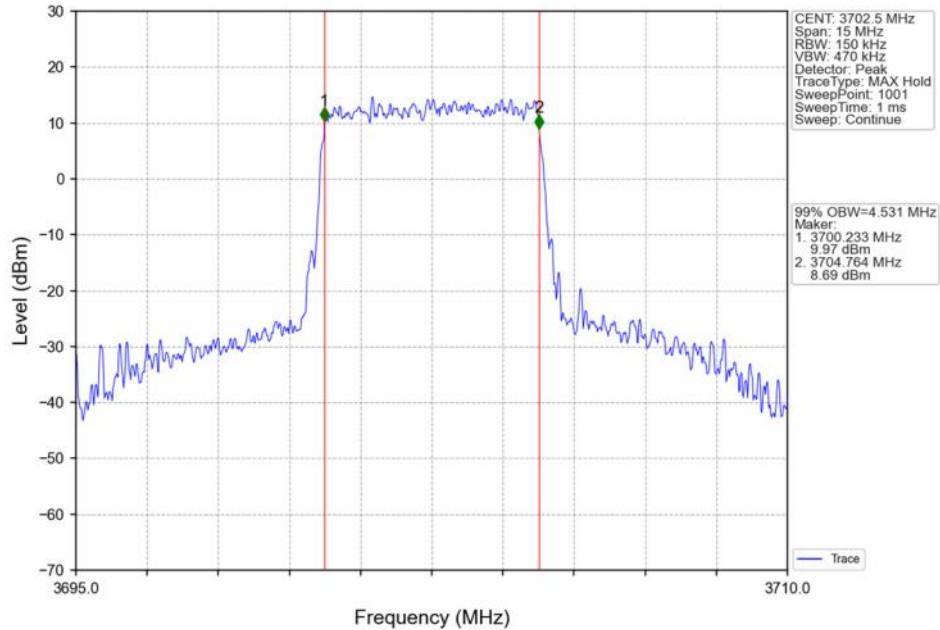
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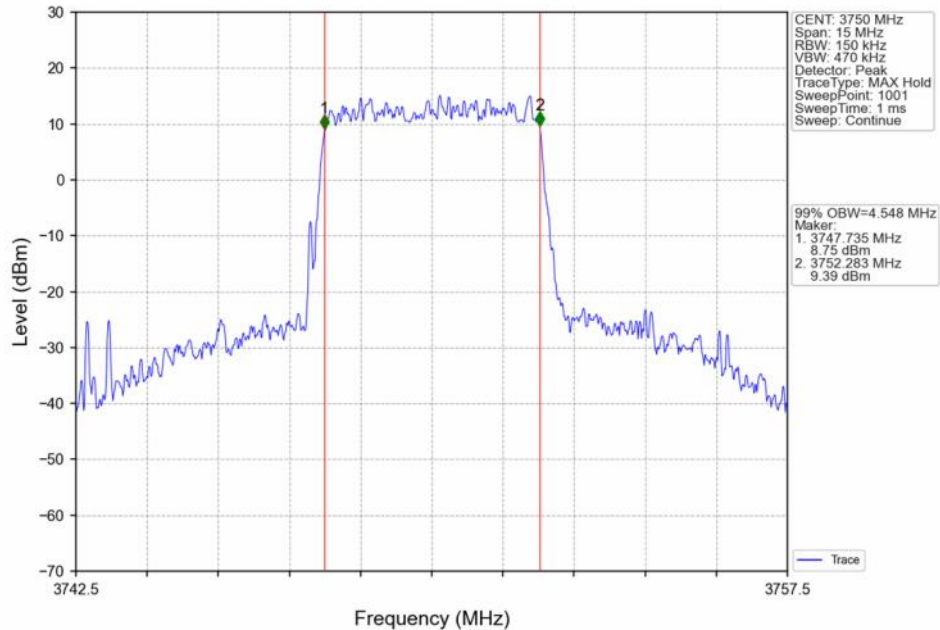
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Band43d\_5MHz\_16QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



Band43d\_5MHz\_16QAM\_HCH\_3797.5MHz\_RB\_25\_0\_NTNV



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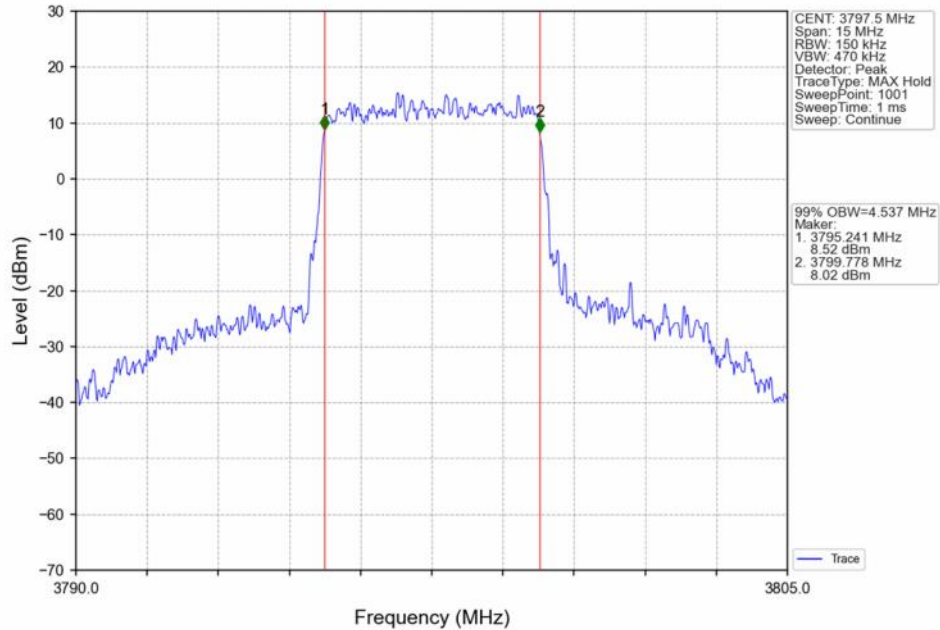
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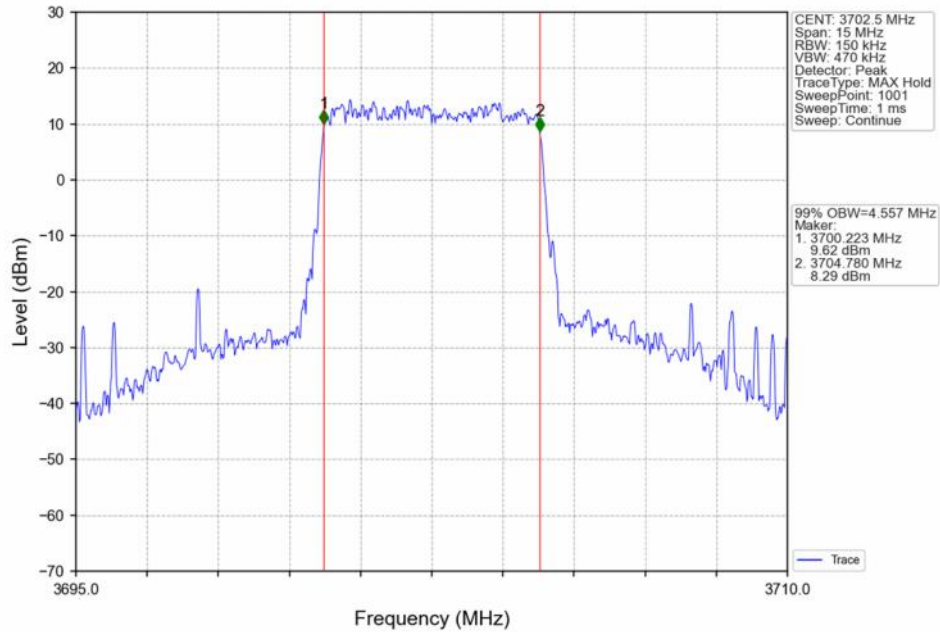
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Band43d\_5MHz\_64QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



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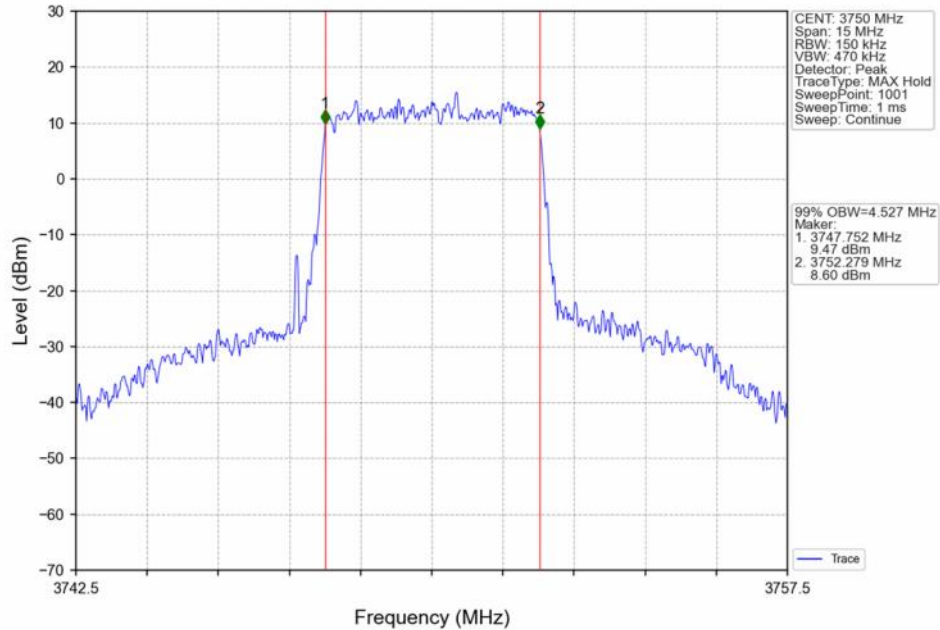
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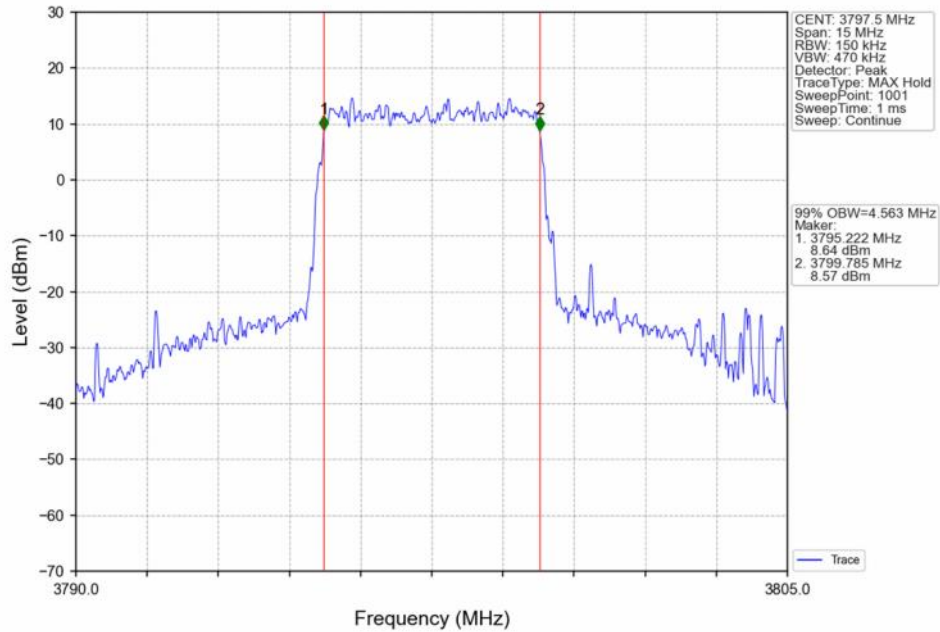
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Band43d\_5MHz\_256QAM\_LCH\_3702.5MHz\_RB\_25\_0\_NTNV



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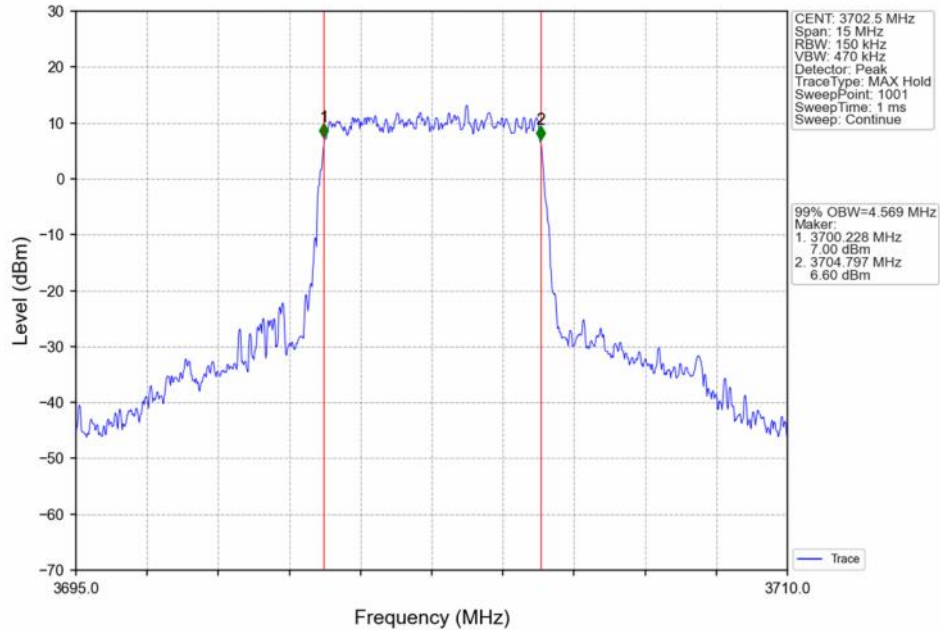
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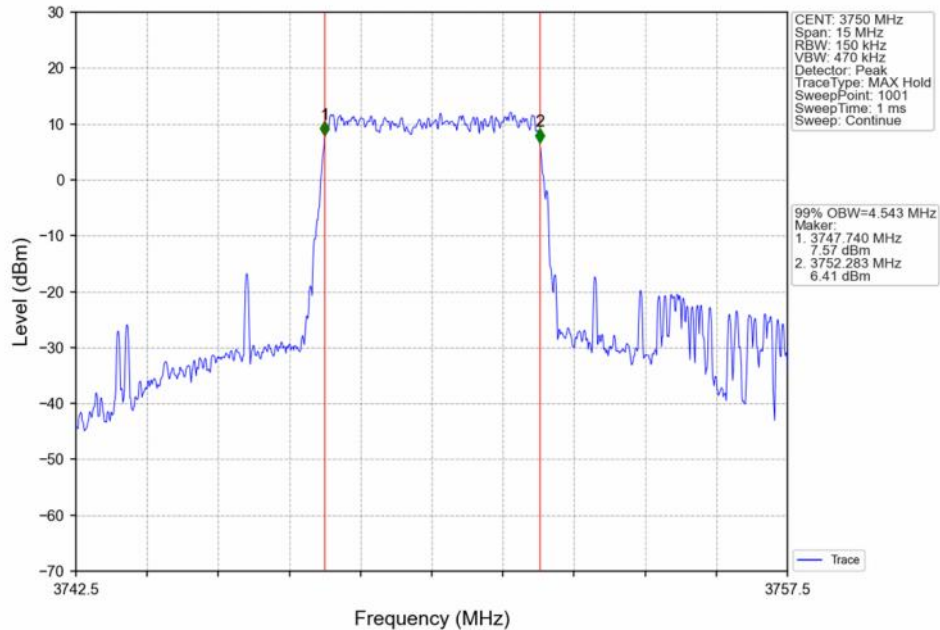
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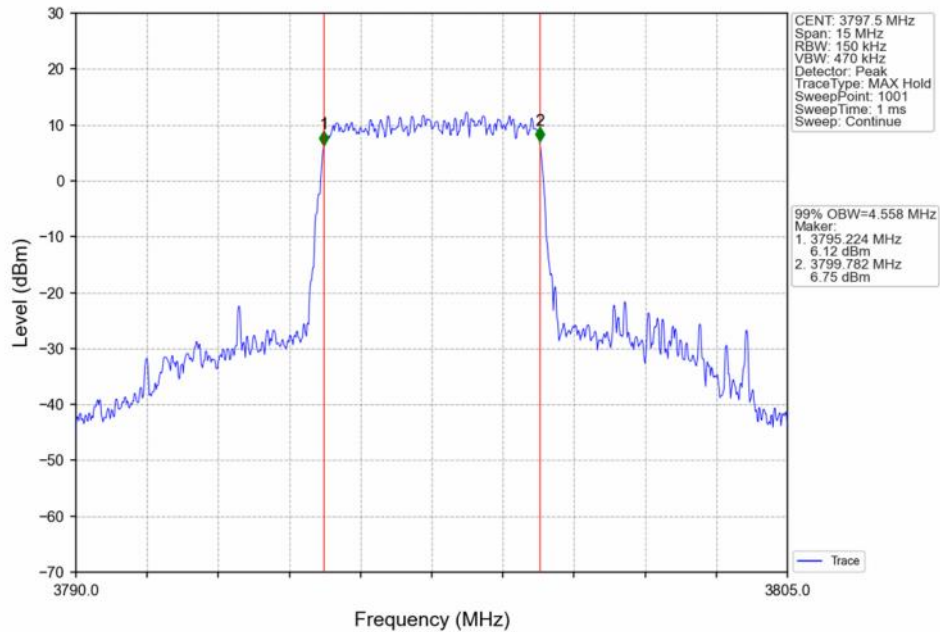
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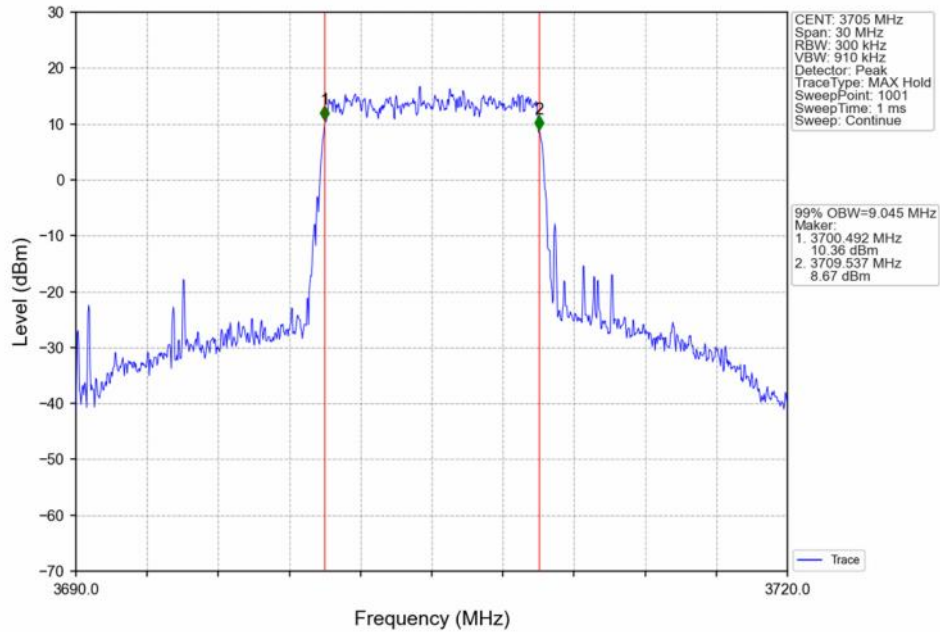
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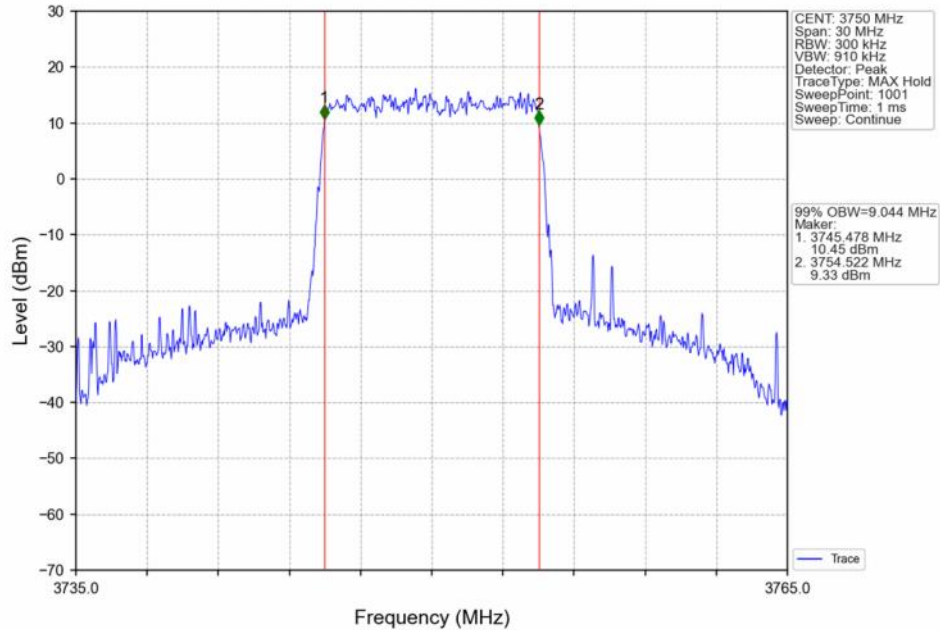
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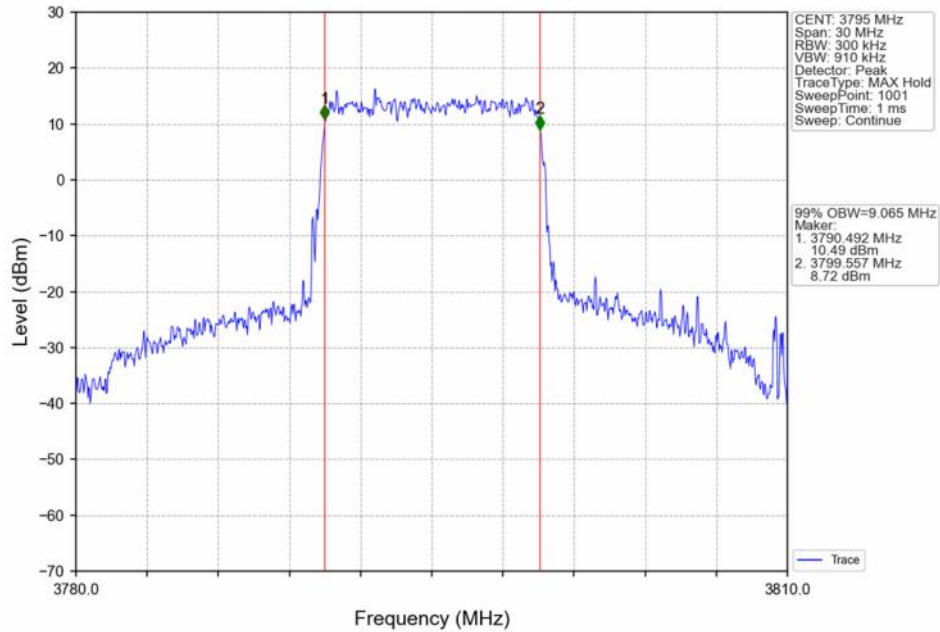
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Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_50\_0\_NTNV



Band43d\_10MHz\_16QAM\_LCH\_3705MHz\_RB\_50\_0\_NTNV



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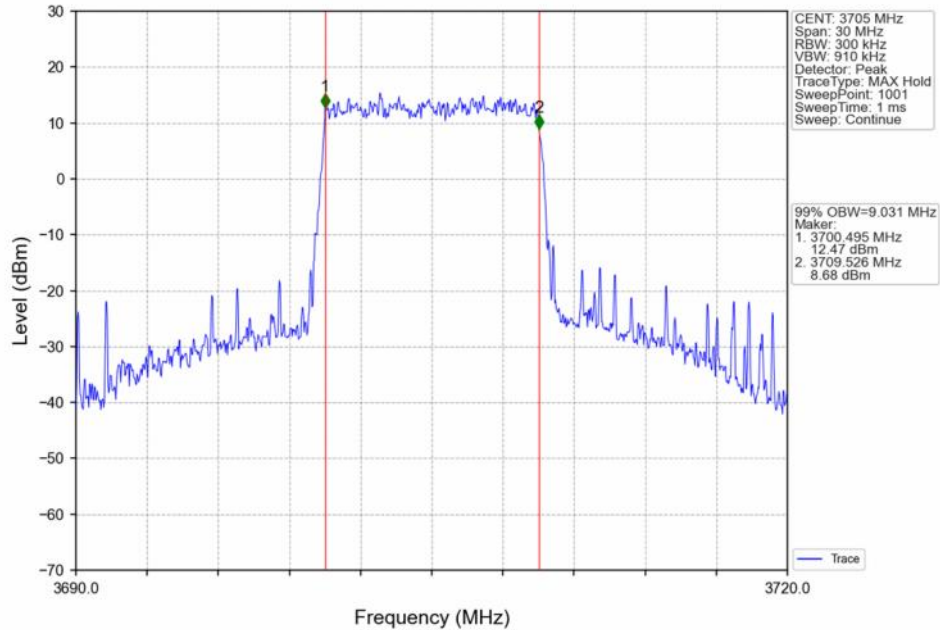
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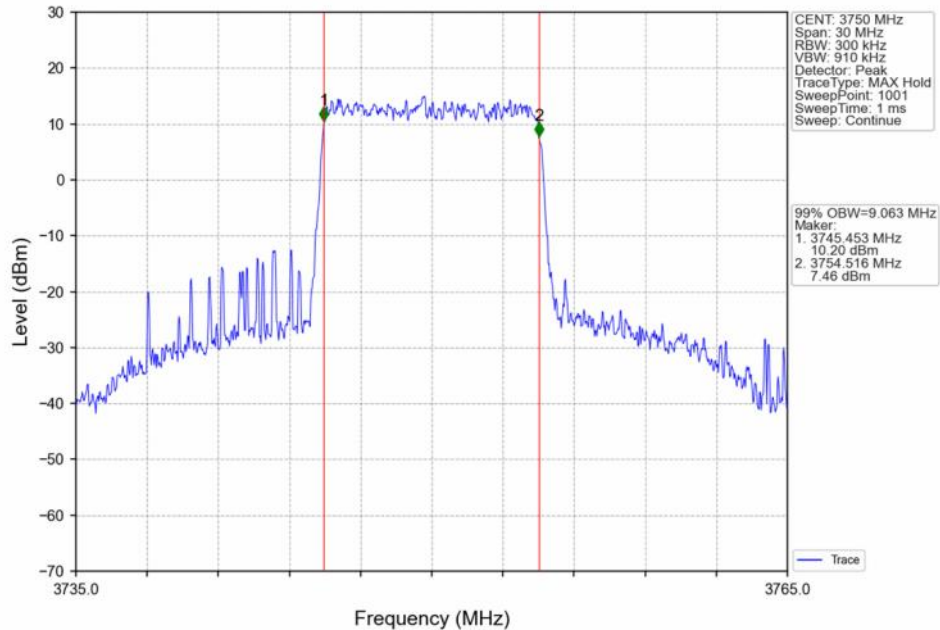
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Band43d\_10MHz\_16QAM\_HCH\_3795MHz\_RB\_50\_0\_NTNV



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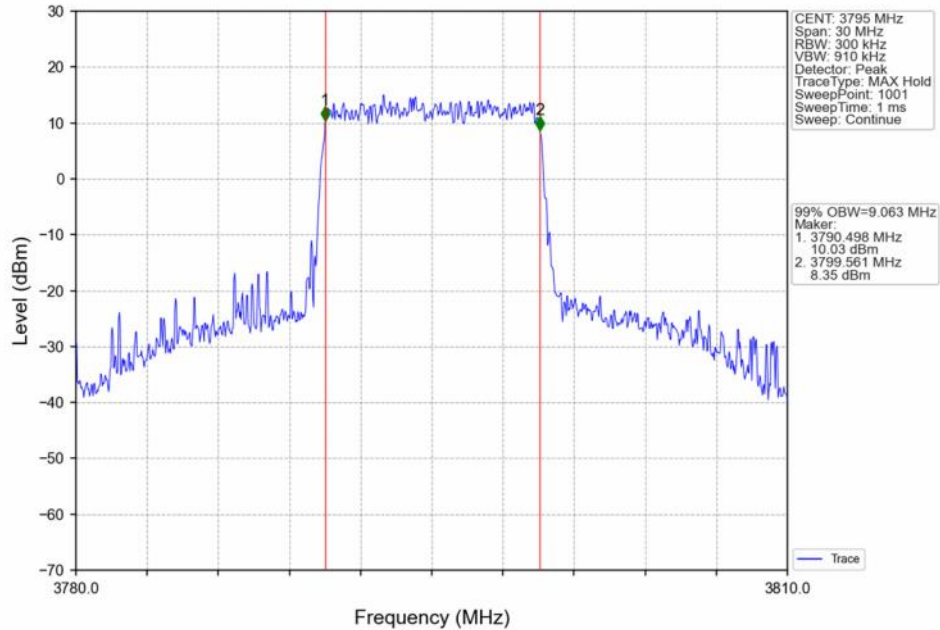
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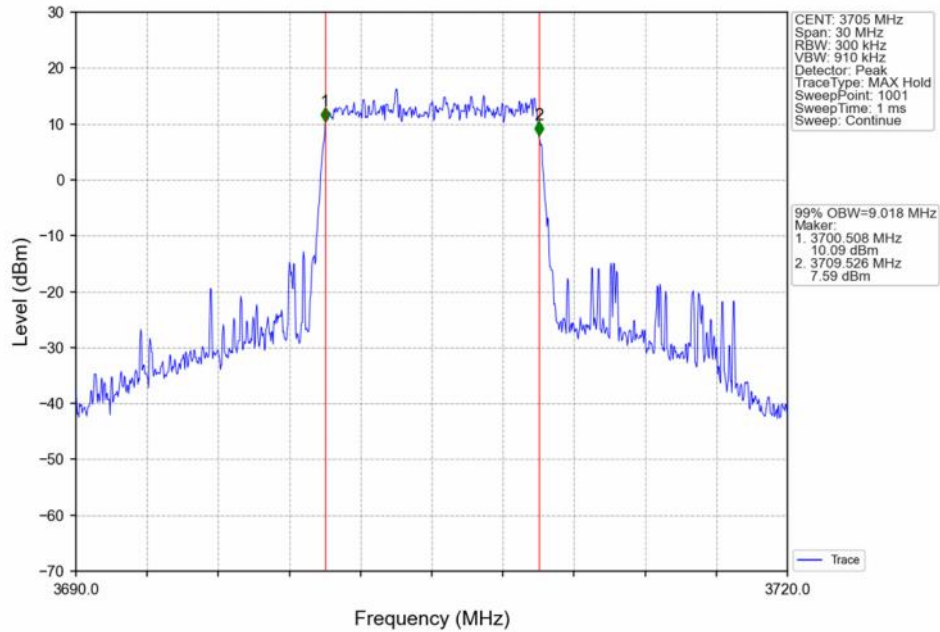
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Band43d\_10MHz\_64QAM\_LCH\_3705MHz\_RB\_50\_0\_NTNV



Band43d\_10MHz\_64QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



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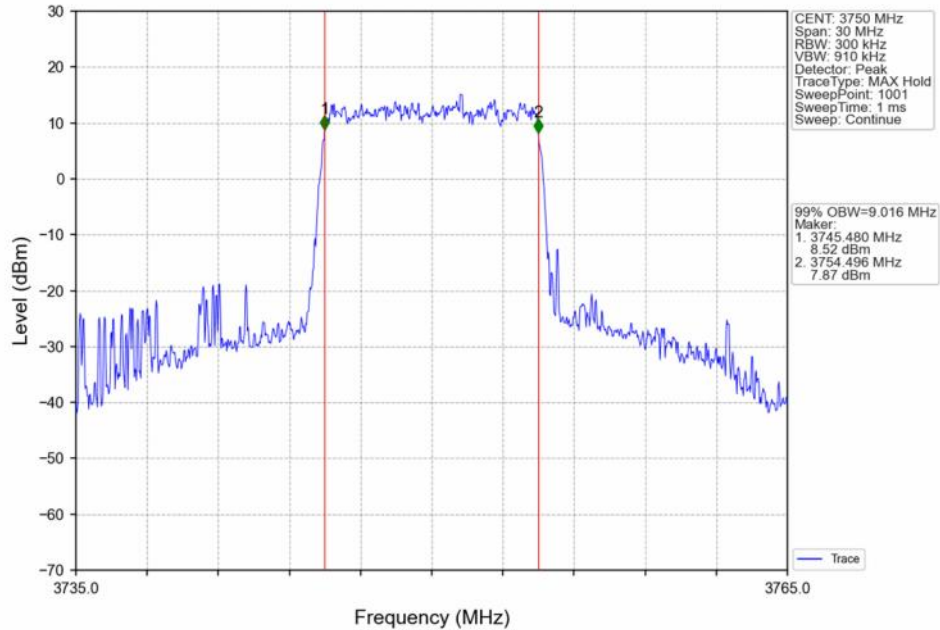
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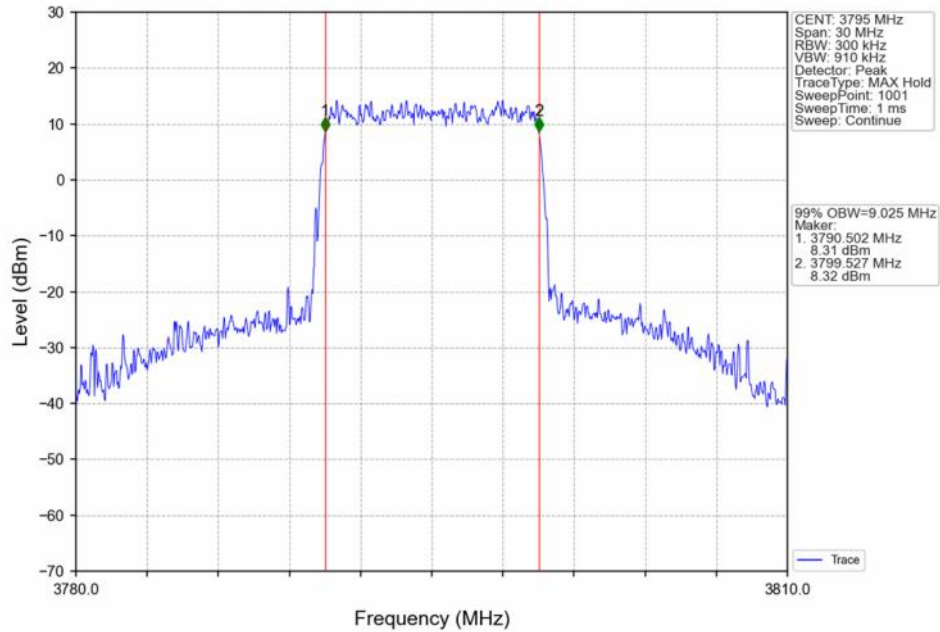
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Band43d\_10MHz\_256QAM\_LCH\_3705MHz\_RB\_50\_0\_NTNV



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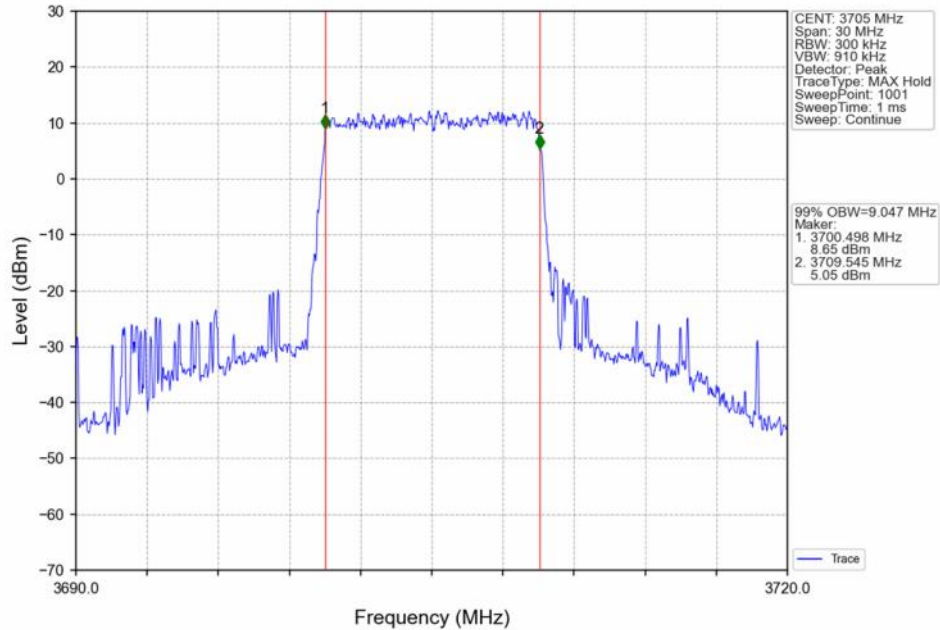
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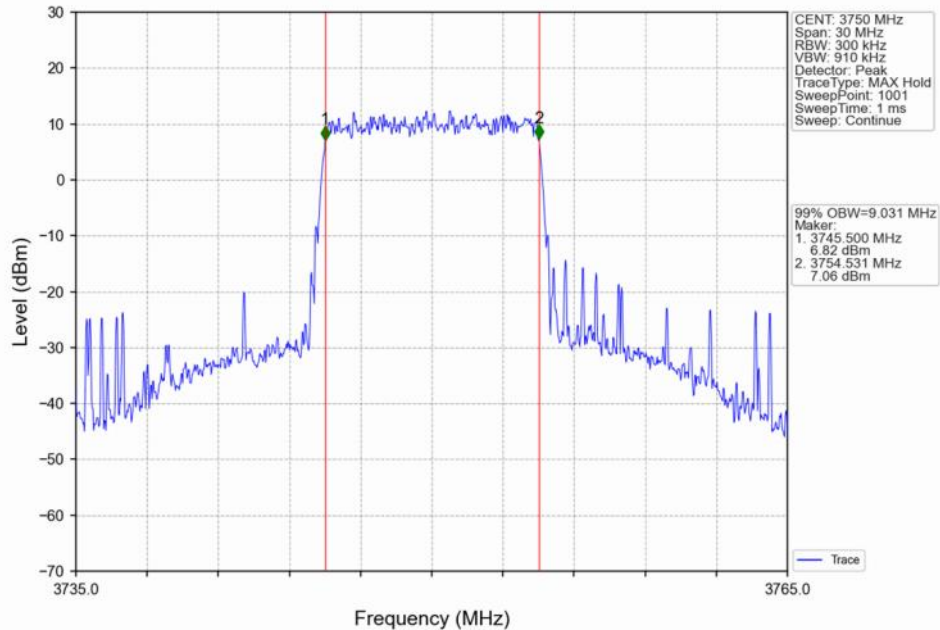
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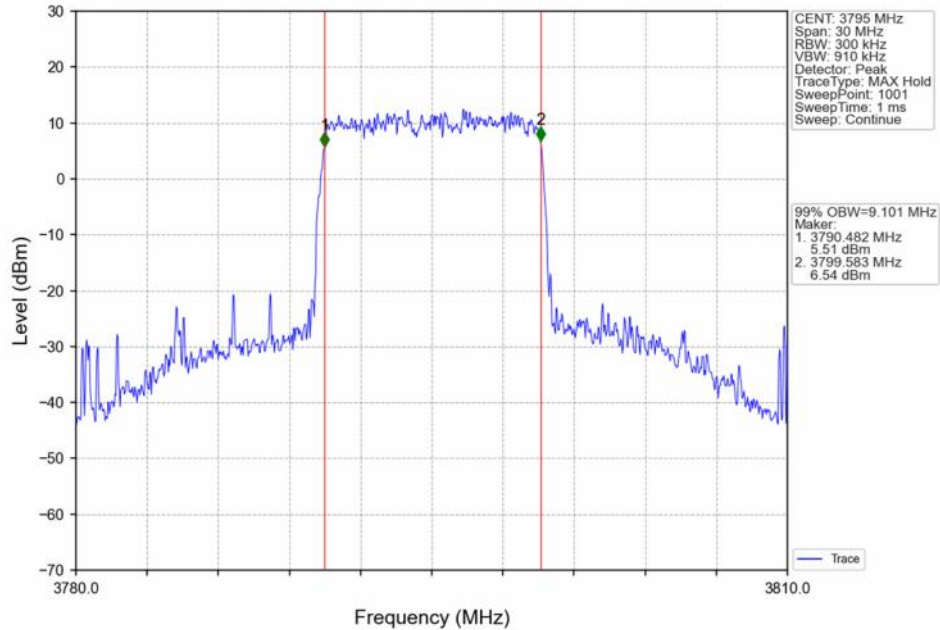
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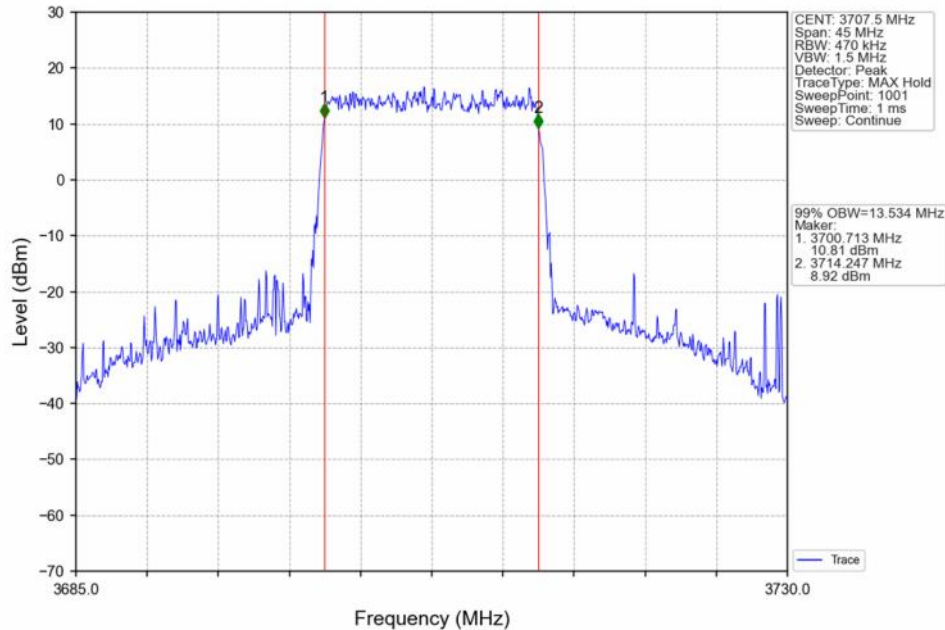
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Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_75\_0\_NTNV



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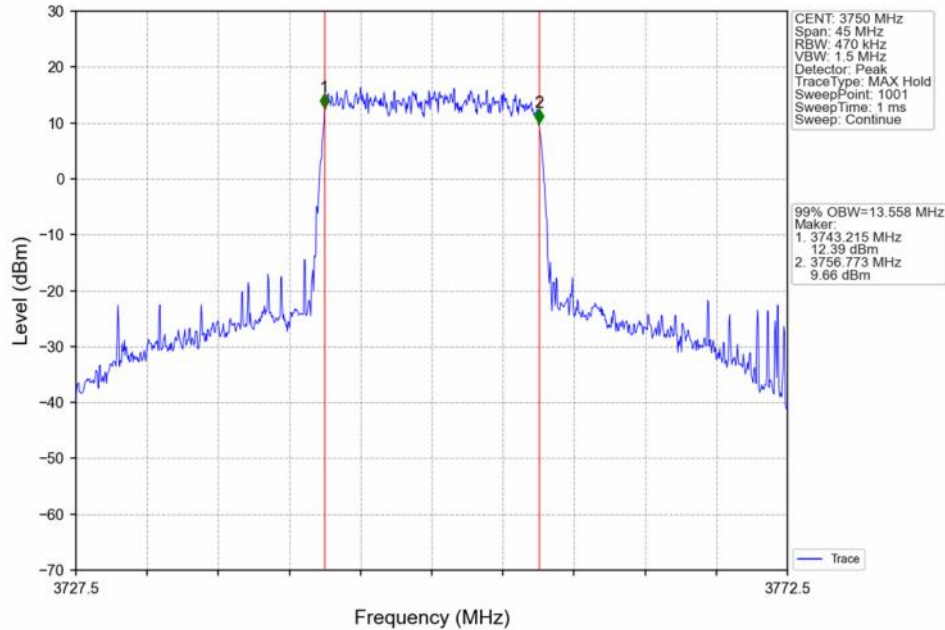
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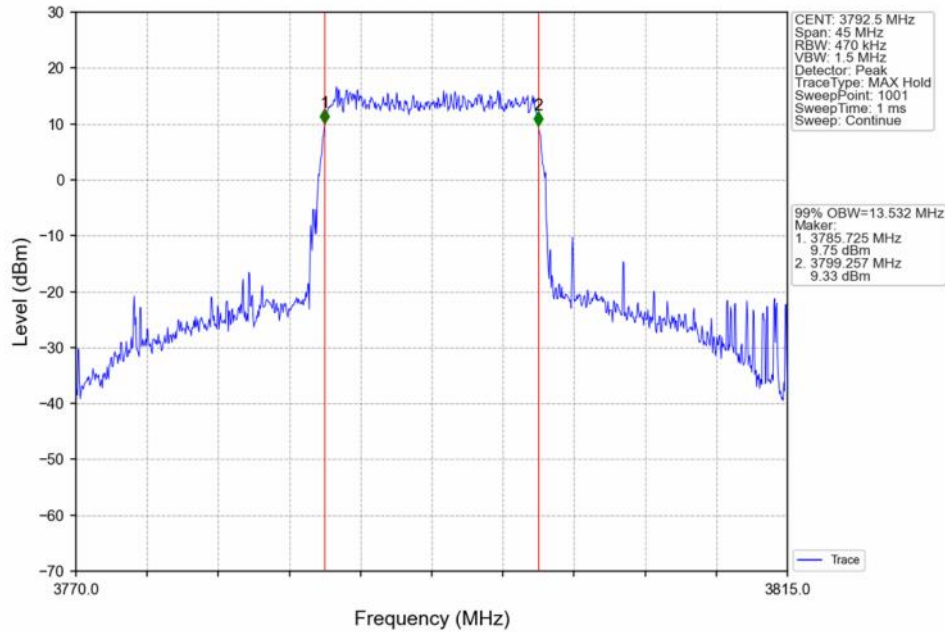
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Band43d\_15MHz\_16QAM\_LCH\_3707.5MHz\_RB\_75\_0\_NTNV



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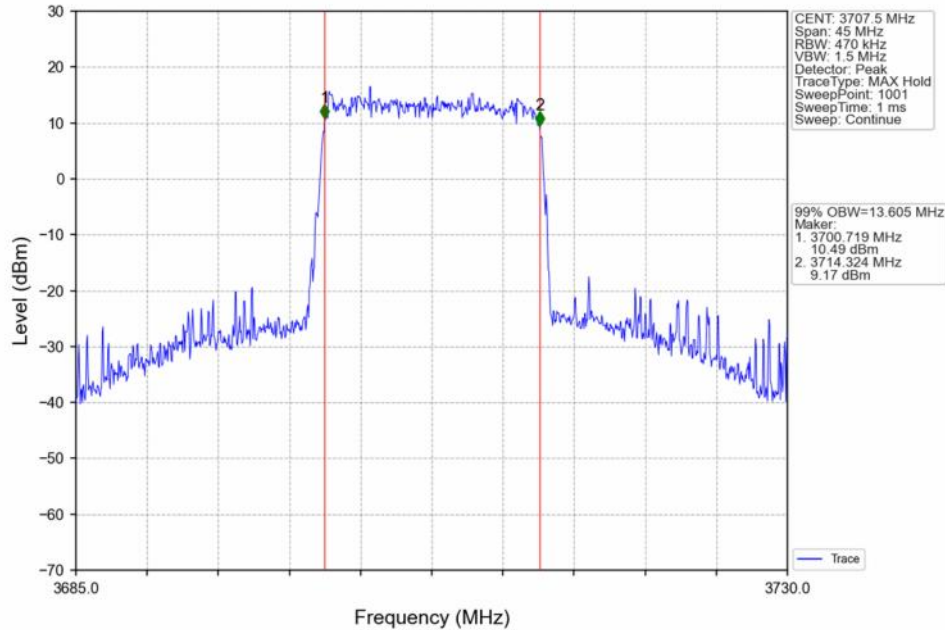
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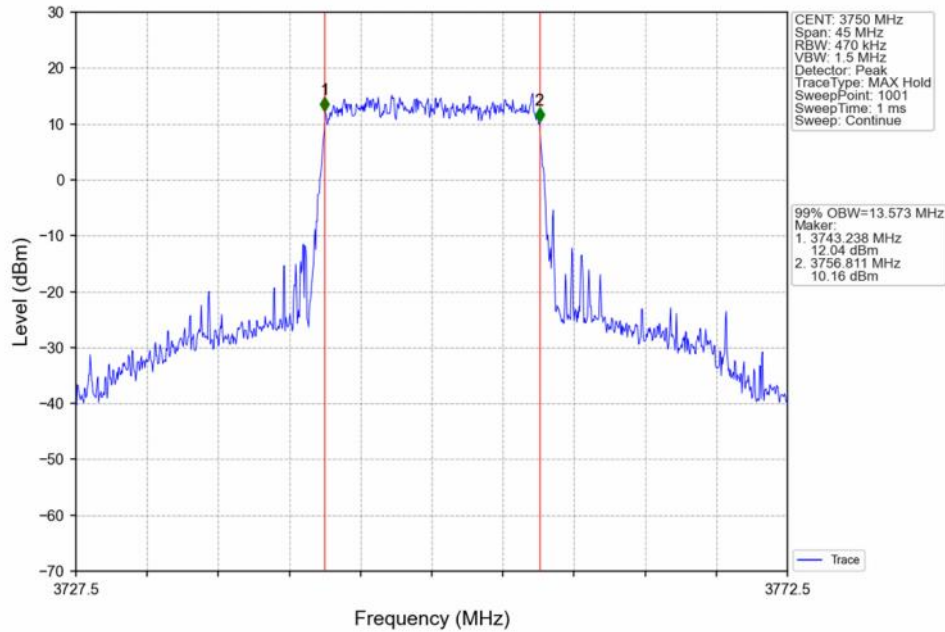
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Band43d\_15MHz\_16QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



Band43d\_15MHz\_16QAM\_HCH\_3792.5MHz\_RB\_75\_0\_NTNV



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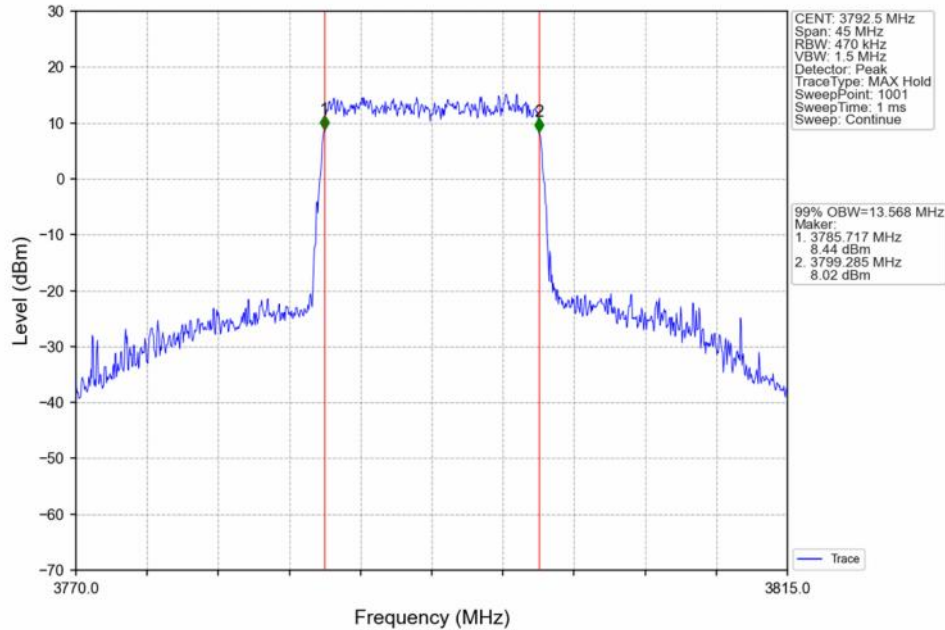
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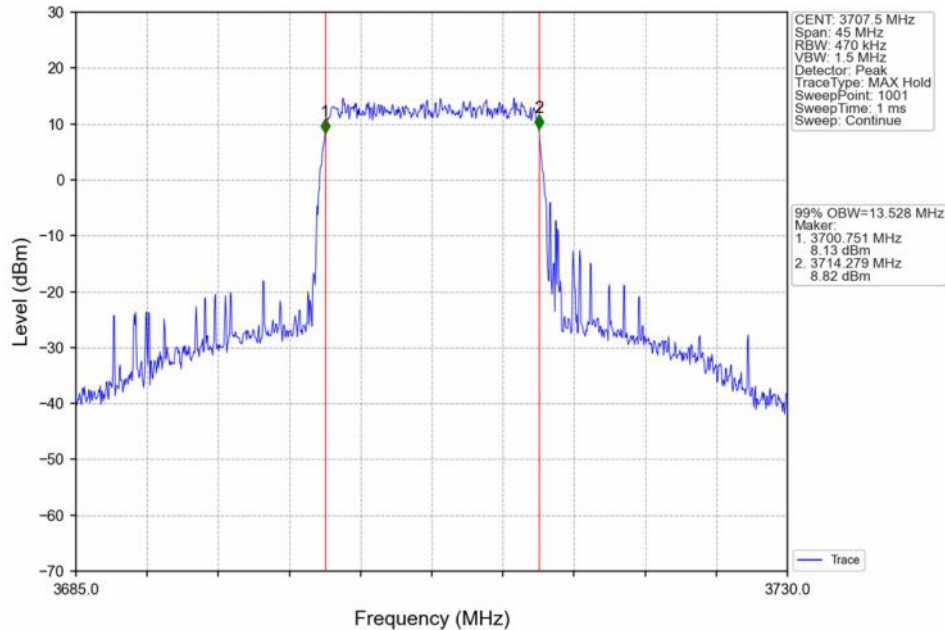
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Band43d\_15MHz\_64QAM\_LCH\_3707.5MHz\_RB\_75\_0\_NTNV



Band43d\_15MHz\_64QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



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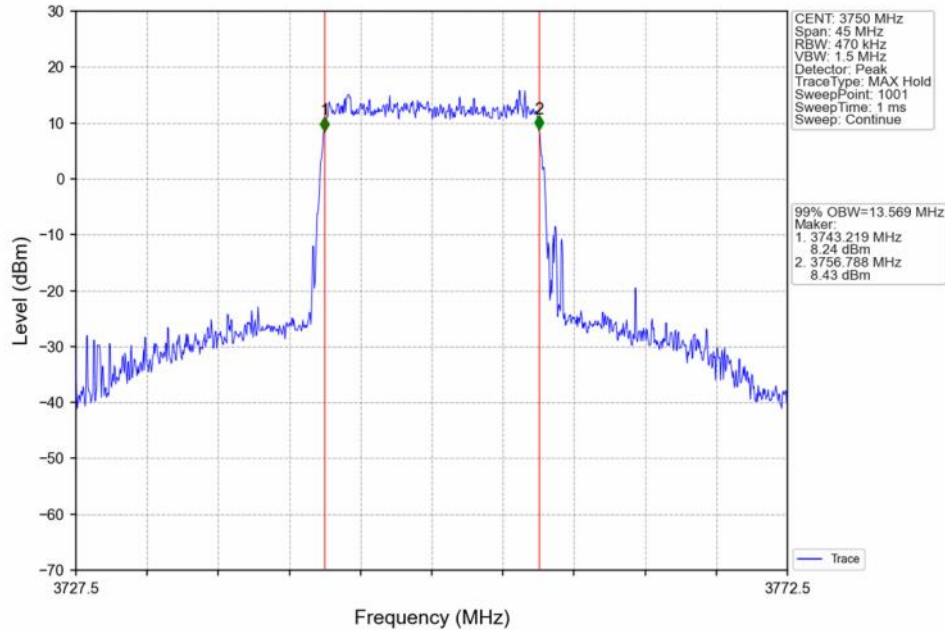
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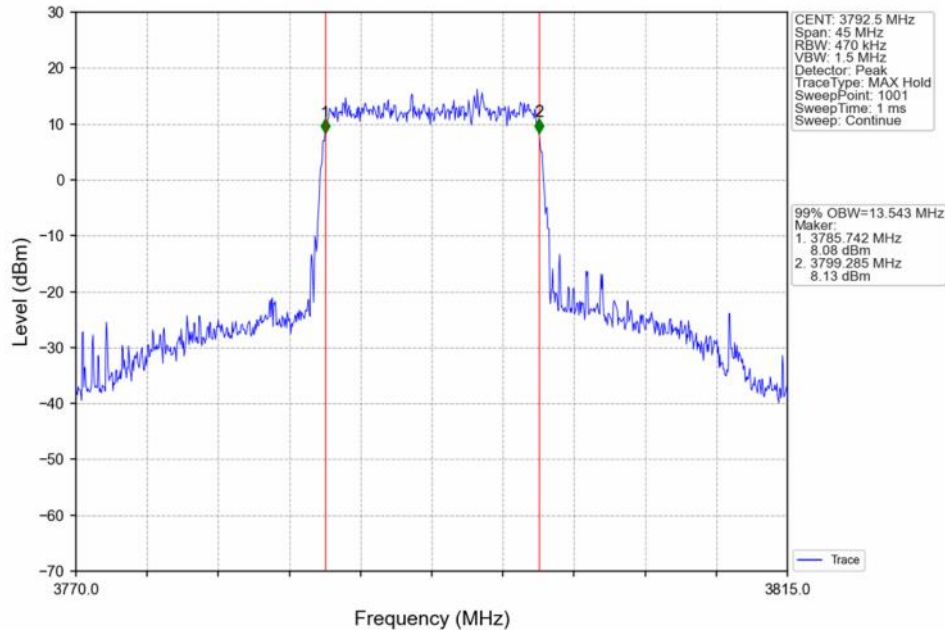
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Band43d\_15MHz\_256QAM\_LCH\_3707.5MHz\_RB\_75\_0\_NTNV



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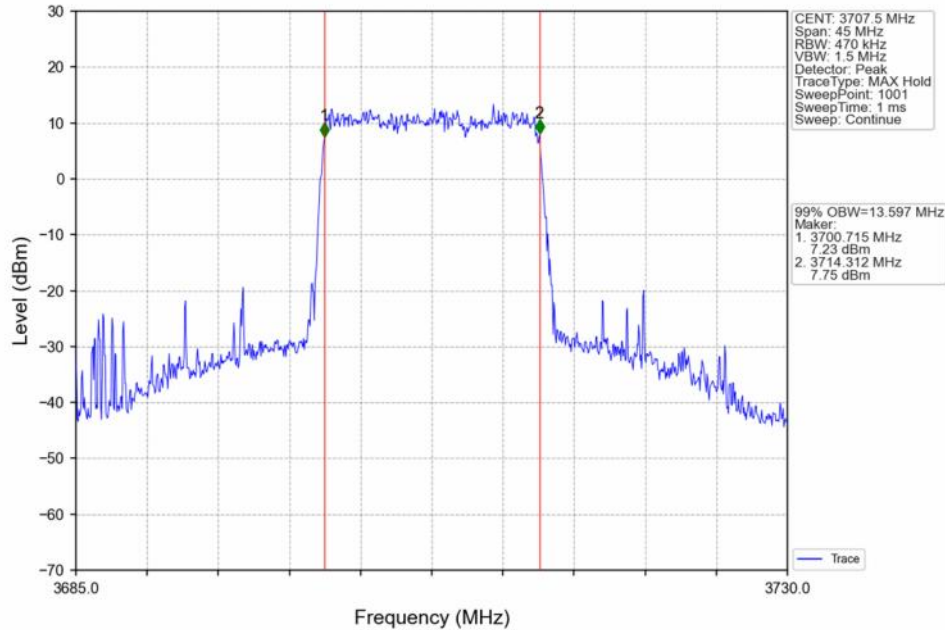
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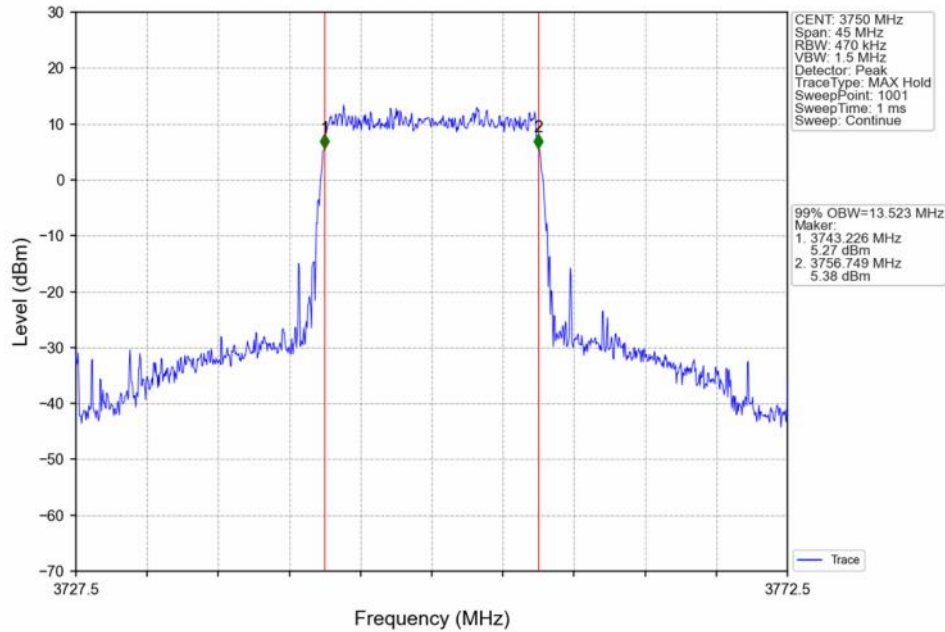
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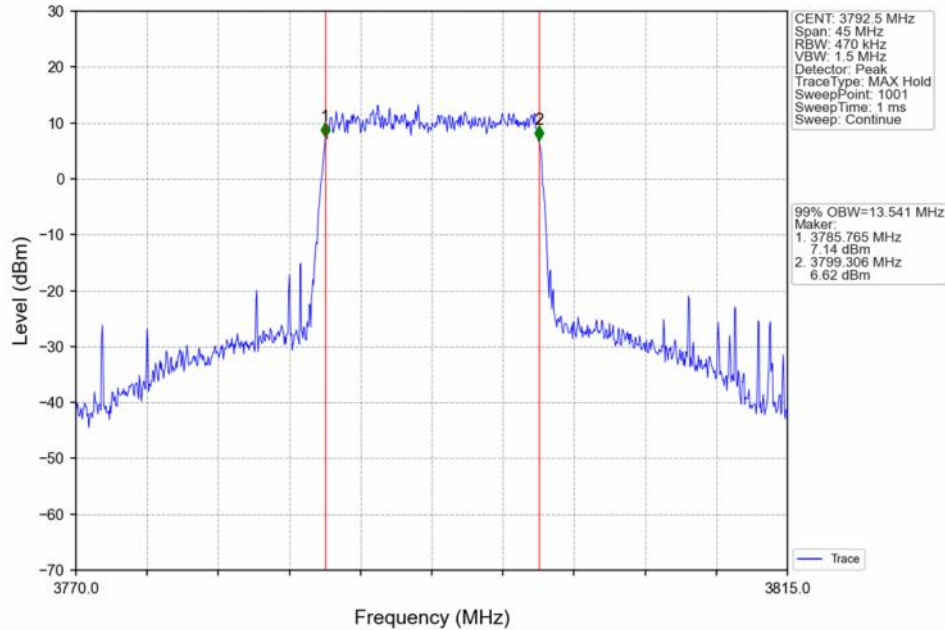
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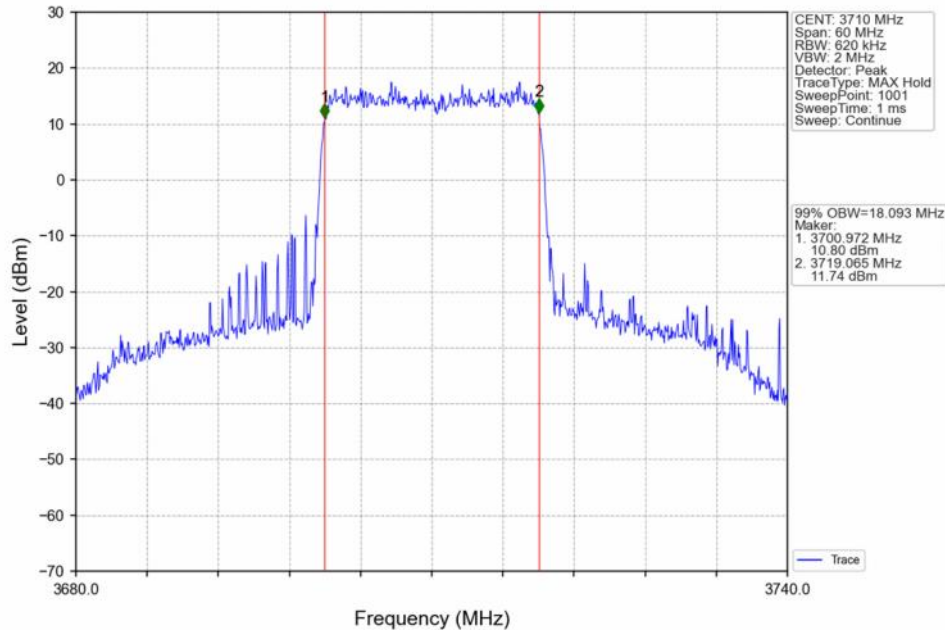
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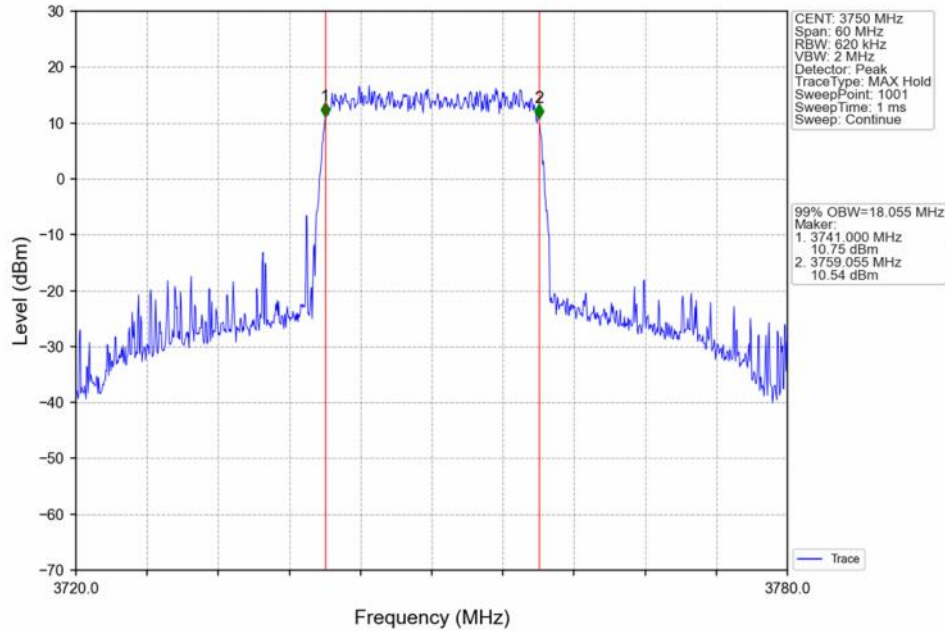
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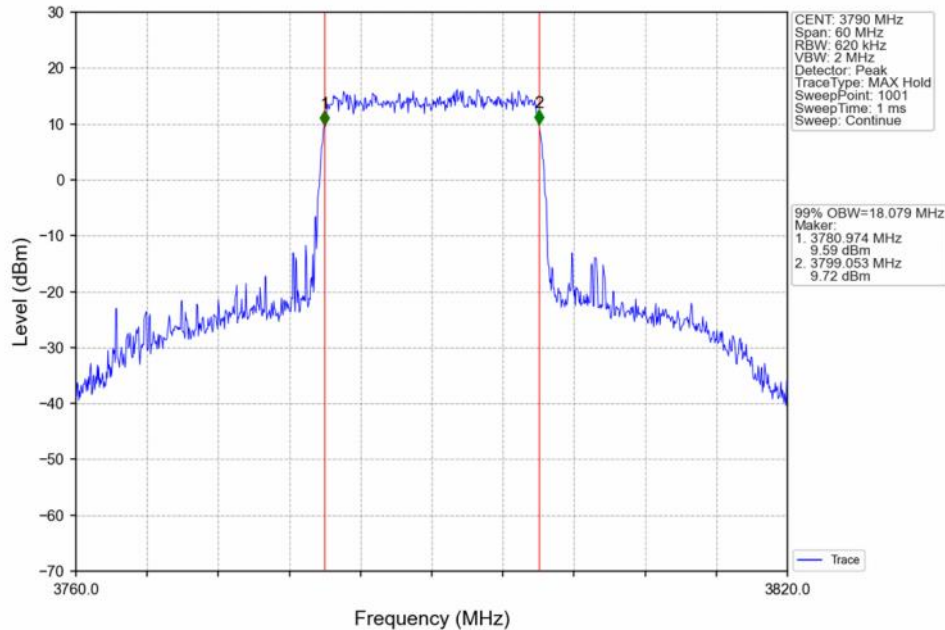
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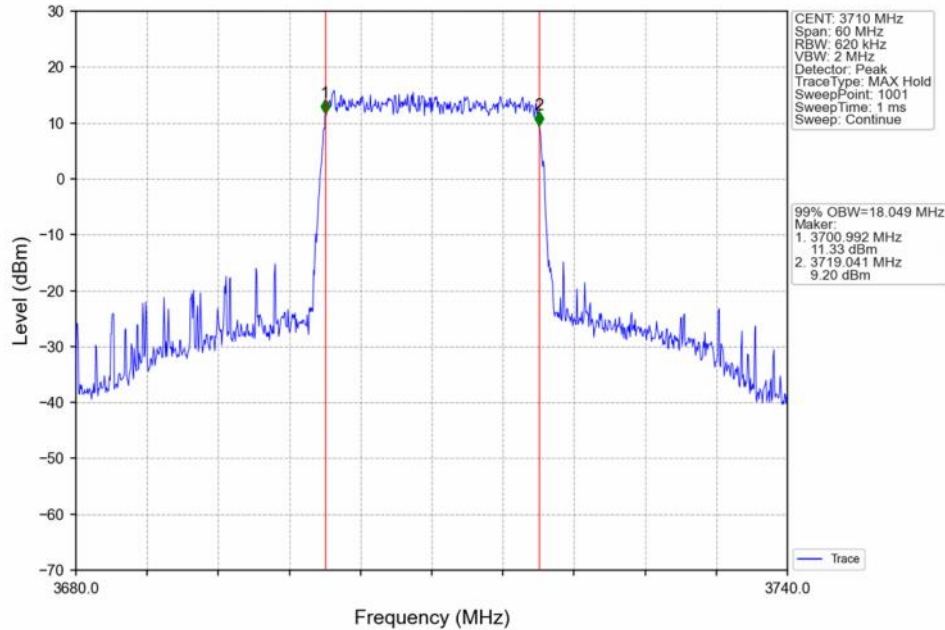
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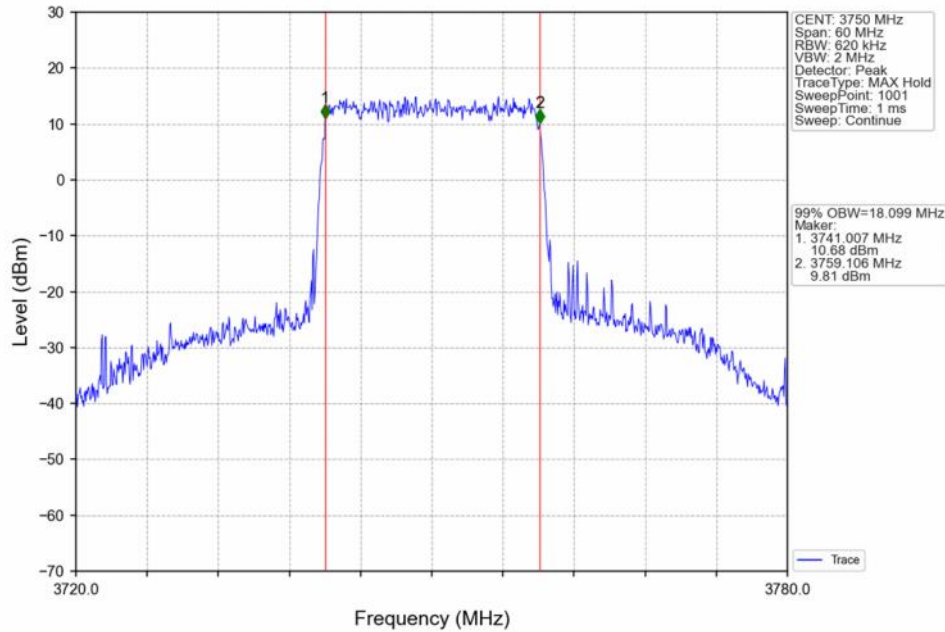
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Band43d\_20MHz\_16QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



Band43d\_20MHz\_16QAM\_HCH\_3790MHz\_RB\_100\_0\_NTNV



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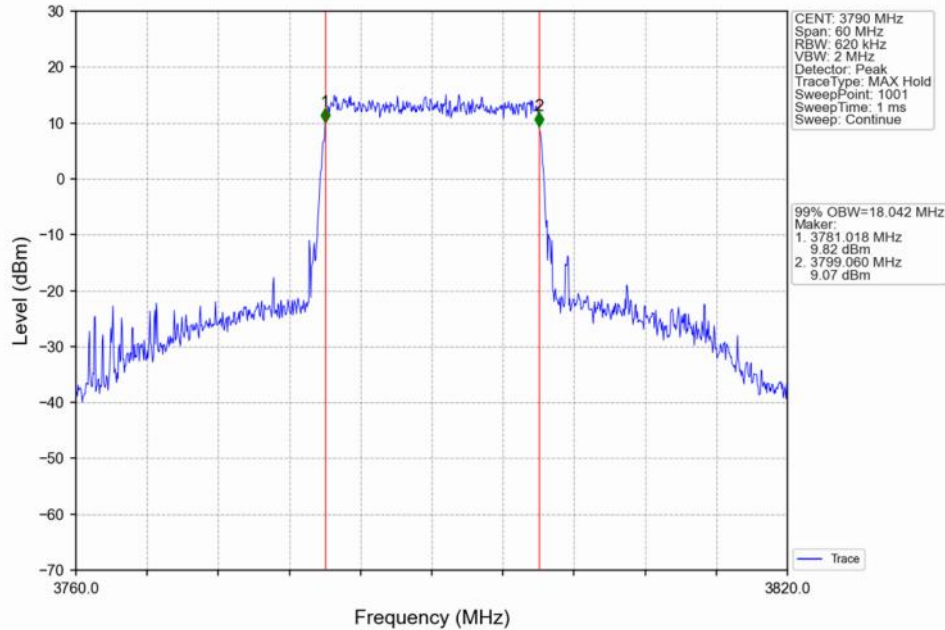
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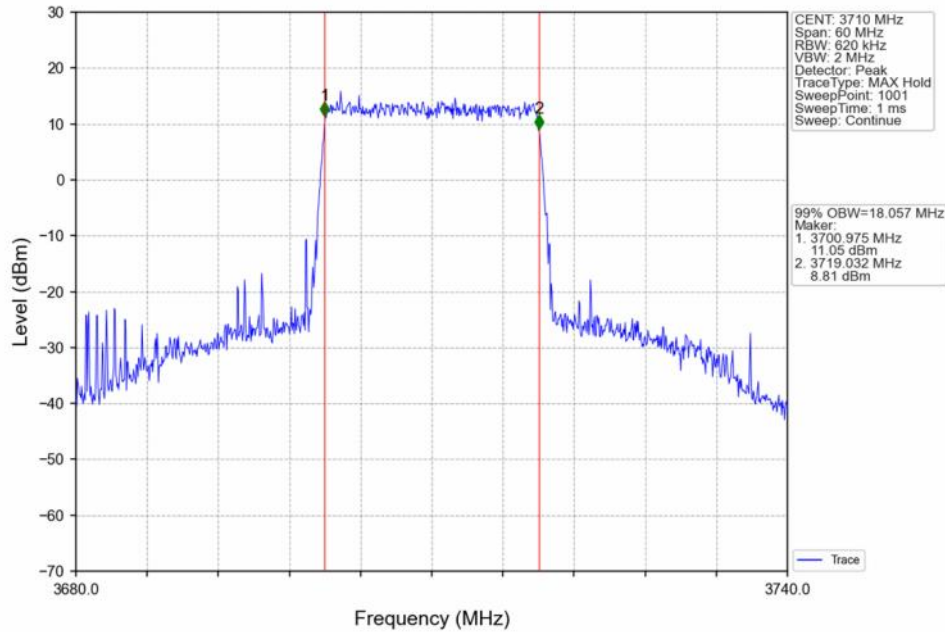
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Band43d\_20MHz\_64QAM\_LCH\_3710MHz\_RB\_100\_0\_NTNV



Band43d\_20MHz\_64QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



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