

Appendix C.3

NR Band n12



1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

| 5G NR n12 SCS=15kHz SISO 5MHz NTN | | | | | | | | | | |
|-----------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | ERP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 701.5 | Edge_1RB_Left | 23.19 | / | / | 25.29 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.06 | / | / | 25.16 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.06 | / | / | 25.16 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.21 | / | / | 25.31 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.93 | / | / | 25.03 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 22.90 | / | / | 25.00 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.87 | / | / | 24.97 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.99 | / | / | 25.09 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.90 | / | / | 25.00 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.96 | / | / | 25.06 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 22.80 | / | / | 24.90 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.72 | / | / | 24.82 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.72 | / | / | 24.82 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.75 | / | / | 24.85 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.81 | / | / | 24.91 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.65 | / | / | 24.75 | / | / | <=34.77 | Pass |
| DFT-s-OFDM QPSK | 701.5 | Edge_1RB_Left | 23.10 | / | / | 25.20 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.99 | / | / | 25.09 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.17 | / | / | 25.27 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.12 | / | / | 25.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.18 | / | / | 25.28 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.04 | / | / | 25.14 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 22.83 | / | / | 24.93 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.85 | / | / | 24.95 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.91 | / | / | 25.01 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.06 | / | / | 25.16 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 24.89 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|----------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | 713.5 | Inner_1RB_Right | 22.85 | / | / | 24.95 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Left | 22.74 | / | / | 24.84 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.76 | / | / | 24.86 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.73 | / | / | 24.83 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.79 | / | / | 24.89 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.77 | / | / | 24.87 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.62 | / | / | 24.72 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 16 QAM | 701.5 | Edge_1RB_Left | 22.09 | / | / | 24.19 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.05 | / | / | 24.15 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.17 | / | / | 24.27 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.12 | / | / | 25.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.14 | / | / | 25.24 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.97 | / | / | 25.07 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.80 | / | / | 23.90 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.08 | / | / | 24.18 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.83 | / | / | 23.93 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.86 | / | / | 24.96 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.87 | / | / | 24.97 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.99 | / | / | 25.09 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 21.60 | / | / | 23.70 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.43 | / | / | 23.53 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.67 | / | / | 23.77 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.80 | / | / | 24.90 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.57 | / | / | 24.67 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.01 | / | / | 25.11 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 64 QAM | 701.5 | Edge_1RB_Left | 21.64 | / | / | 23.74 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.56 | / | / | 23.66 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.55 | / | / | 23.65 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.66 | / | / | 23.76 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.52 | / | / | 23.62 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.40 | / | / | 23.50 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.43 | / | / | 23.53 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.41 | / | / | 23.51 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.32 | / | / | 23.42 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.47 | / | / | 23.57 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.41 | / | / | 23.51 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.55 | / | / | 23.65 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 21.31 | / | / | 23.41 | / | / | <=34.77 | Pass |



| | | | | | | | | | | |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Edge_1RB_Right | 21.14 | / | / | 23.24 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.19 | / | / | 23.29 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.26 | / | / | 23.36 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.39 | / | / | 23.49 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.09 | / | / | 23.19 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 256 QAM | 701.5 | Edge_1RB_Left | 19.78 | / | / | 21.88 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.42 | / | / | 21.52 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.53 | / | / | 21.63 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.57 | / | / | 21.67 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.58 | / | / | 21.68 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.43 | / | / | 21.53 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 19.37 | / | / | 21.47 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.46 | / | / | 21.56 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.35 | / | / | 21.45 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.40 | / | / | 21.50 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.58 | / | / | 21.68 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.60 | / | / | 21.70 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 19.09 | / | / | 21.19 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.21 | / | / | 21.31 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.28 | / | / | 21.38 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.14 | / | / | 21.24 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.11 | / | / | 21.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.15 | / | / | 21.25 | / | / | <=34.77 | Pass |
| CP-OFDM QPSK | 701.5 | Edge_1RB_Left | 21.17 | / | / | 23.27 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.94 | / | / | 23.04 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.06 | / | / | 23.16 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.73 | / | / | 24.83 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.46 | / | / | 24.56 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.27 | / | / | 24.37 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 20.95 | / | / | 23.05 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.84 | / | / | 22.94 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.85 | / | / | 22.95 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.35 | / | / | 24.45 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.25 | / | / | 24.35 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.26 | / | / | 24.36 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 20.80 | / | / | 22.90 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.70 | / | / | 22.80 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.72 | / | / | 22.82 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM 16 QAM | | Inner_Full | 22.27 | / | / | 24.37 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.11 | / | / | 24.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.28 | / | / | 24.38 | / | / | <=34.77 | Pass |
| | 701.5 | Edge_1RB_Left | 21.13 | / | / | 23.23 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.87 | / | / | 22.97 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.10 | / | / | 23.20 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.07 | / | / | 24.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.96 | / | / | 24.06 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.95 | / | / | 24.05 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 20.80 | / | / | 22.90 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.63 | / | / | 22.73 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.84 | / | / | 22.94 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.81 | / | / | 23.91 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.98 | / | / | 24.08 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.73 | / | / | 23.83 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 20.63 | / | / | 22.73 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.50 | / | / | 22.60 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.72 | / | / | 22.82 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.74 | / | / | 23.84 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.79 | / | / | 23.89 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.50 | / | / | 23.60 | / | / | <=34.77 | Pass |
| CP-OFDM 64 QAM | 701.5 | Edge_1RB_Left | 20.67 | / | / | 22.77 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.43 | / | / | 22.53 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.53 | / | / | 22.63 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.59 | / | / | 22.69 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.90 | / | / | 23.00 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.63 | / | / | 22.73 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 20.50 | / | / | 22.60 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.33 | / | / | 22.43 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.27 | / | / | 22.37 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.62 | / | / | 22.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.11 | / | / | 22.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.57 | / | / | 22.67 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 20.23 | / | / | 22.33 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.95 | / | / | 22.05 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.12 | / | / | 22.22 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.26 | / | / | 22.36 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.35 | / | / | 22.45 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|--|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Inner_1RB_Right | 20.04 | / | / | 22.14 | / | / | <=34.77 | Pass |
| CP-OFDM 256 QAM | 701.5 | Edge_1RB_Left | 17.55 | / | / | 19.65 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.33 | / | / | 19.43 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.60 | / | / | 19.70 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.46 | / | / | 19.56 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.72 | / | / | 19.82 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.55 | / | / | 19.65 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 17.44 | / | / | 19.54 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.11 | / | / | 19.21 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.49 | / | / | 19.59 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.48 | / | / | 19.58 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.52 | / | / | 19.62 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.39 | / | / | 19.49 | / | / | <=34.77 | Pass |
| | 713.5 | Edge_1RB_Left | 17.41 | / | / | 19.51 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.21 | / | / | 19.31 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.22 | / | / | 19.32 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.18 | / | / | 19.28 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.12 | / | / | 19.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.24 | / | / | 19.34 | / | / | <=34.77 | Pass |
| Note1: Antenna Gain: Ant1: 4.25dBi; | | | | | | | | | | |
| Note2: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | | | |

1.1.2 15k_SISO_10MHz_NTNV_ERP

| 5G NR n12 SCS=15kHz SISO 10MHz NTN | | | | | | | | | | |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | ERP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 704 | Edge_1RB_Left | 23.08 | / | / | 25.18 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.75 | / | / | 24.85 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.94 | / | / | 25.04 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.92 | / | / | 25.02 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.16 | / | / | 25.26 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.75 | / | / | 24.85 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 23.10 | / | / | 25.20 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.77 | / | / | 24.87 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.92 | / | / | 25.02 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.05 | / | / | 25.15 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.12 | / | / | 25.22 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|-------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | 711 | Inner_1RB_Right | 22.81 | / | / | 24.91 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Left | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.72 | / | / | 24.82 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.89 | / | / | 24.99 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.86 | / | / | 24.96 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 24.99 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.63 | / | / | 24.73 | / | / | <=34.77 | Pass |
| DFT-s-OFDM QPSK | 704 | Edge_1RB_Left | 23.06 | / | / | 25.16 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.70 | / | / | 24.80 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.99 | / | / | 25.09 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.11 | / | / | 25.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.71 | / | / | 24.81 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 23.10 | / | / | 25.20 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.80 | / | / | 24.90 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.03 | / | / | 25.13 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.94 | / | / | 25.04 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 25.18 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.89 | / | / | 24.99 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 22.92 | / | / | 25.02 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.75 | / | / | 24.85 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.82 | / | / | 24.92 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.86 | / | / | 24.96 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.94 | / | / | 25.04 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.80 | / | / | 24.90 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 16 QAM | 704 | Edge_1RB_Left | 22.00 | / | / | 24.10 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.78 | / | / | 23.88 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.98 | / | / | 24.08 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.01 | / | / | 25.11 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.33 | / | / | 25.43 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.49 | / | / | 24.59 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.80 | / | / | 23.90 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.78 | / | / | 23.88 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.93 | / | / | 24.03 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.09 | / | / | 25.19 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.97 | / | / | 25.07 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 21.94 | / | / | 24.04 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|-----------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Edge_1RB_Right | 21.71 | / | / | 23.81 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.80 | / | / | 23.90 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.91 | / | / | 25.01 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.77 | / | / | 24.87 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.55 | / | / | 24.65 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 64 QAM | 704 | Edge_1RB_Left | 21.72 | / | / | 23.82 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.44 | / | / | 23.54 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.50 | / | / | 23.60 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.45 | / | / | 23.55 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.65 | / | / | 23.75 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.42 | / | / | 23.52 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.40 | / | / | 23.50 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.29 | / | / | 23.39 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.39 | / | / | 23.49 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.30 | / | / | 23.40 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.57 | / | / | 23.67 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.27 | / | / | 23.37 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 21.69 | / | / | 23.79 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.93 | / | / | 23.03 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.27 | / | / | 23.37 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.27 | / | / | 23.37 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.21 | / | / | 23.31 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.12 | / | / | 23.22 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 256 QAM | 704 | Edge_1RB_Left | 19.79 | / | / | 21.89 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.24 | / | / | 21.34 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.45 | / | / | 21.55 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.52 | / | / | 21.62 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.65 | / | / | 21.75 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.32 | / | / | 21.42 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 19.55 | / | / | 21.65 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.25 | / | / | 21.35 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.38 | / | / | 21.48 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.42 | / | / | 21.52 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.43 | / | / | 21.53 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.34 | / | / | 21.44 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 19.41 | / | / | 21.51 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.47 | / | / | 21.57 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.25 | / | / | 21.35 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM QPSK | | Inner_Full | 19.32 | / | / | 21.42 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.45 | / | / | 21.55 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.33 | / | / | 21.43 | / | / | <=34.77 | Pass |
| | 704 | Edge_1RB_Left | 21.15 | / | / | 23.25 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.71 | / | / | 22.81 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.90 | / | / | 23.00 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.40 | / | / | 24.50 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.44 | / | / | 24.54 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.09 | / | / | 24.19 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.03 | / | / | 23.13 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.75 | / | / | 22.85 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.90 | / | / | 23.00 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.38 | / | / | 24.48 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.36 | / | / | 24.46 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.10 | / | / | 24.20 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 20.86 | / | / | 22.96 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.70 | / | / | 22.80 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.65 | / | / | 22.75 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.15 | / | / | 24.25 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.30 | / | / | 24.40 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.11 | / | / | 24.21 | / | / | <=34.77 | Pass |
| CP-OFDM 16 QAM | 704 | Edge_1RB_Left | 21.07 | / | / | 23.17 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.45 | / | / | 22.55 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.92 | / | / | 23.02 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.93 | / | / | 24.03 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.23 | / | / | 24.33 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.81 | / | / | 23.91 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.02 | / | / | 23.12 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.76 | / | / | 22.86 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.93 | / | / | 23.03 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.80 | / | / | 23.90 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.92 | / | / | 24.02 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.92 | / | / | 24.02 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 20.91 | / | / | 23.01 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.89 | / | / | 22.99 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.76 | / | / | 22.86 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.77 | / | / | 23.87 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.79 | / | / | 23.89 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Inner_1RB_Right | 21.48 | / | / | 23.58 | / | / | <=34.77 | Pass |
| CP-OFDM 64 QAM | 704 | Edge_1RB_Left | 20.92 | / | / | 23.02 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.21 | / | / | 22.31 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.40 | / | / | 22.50 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.52 | / | / | 22.62 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.76 | / | / | 22.86 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.34 | / | / | 22.44 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 20.59 | / | / | 22.69 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.44 | / | / | 22.54 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.48 | / | / | 22.58 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.40 | / | / | 22.50 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.39 | / | / | 22.49 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.60 | / | / | 22.70 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 20.23 | / | / | 22.33 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.11 | / | / | 22.21 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.27 | / | / | 22.37 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.30 | / | / | 22.40 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.22 | / | / | 22.32 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.66 | / | / | 22.76 | / | / | <=34.77 | Pass |
| CP-OFDM 256 QAM | 704 | Edge_1RB_Left | 17.69 | / | / | 19.79 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.32 | / | / | 19.42 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.48 | / | / | 19.58 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.44 | / | / | 19.54 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.74 | / | / | 19.84 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.40 | / | / | 19.50 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 17.40 | / | / | 19.50 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.34 | / | / | 19.44 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.52 | / | / | 19.62 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.39 | / | / | 19.49 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.62 | / | / | 19.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.50 | / | / | 19.60 | / | / | <=34.77 | Pass |
| | 711 | Edge_1RB_Left | 17.49 | / | / | 19.59 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.20 | / | / | 19.30 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.28 | / | / | 19.38 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.26 | / | / | 19.36 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.44 | / | / | 19.54 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.17 | / | / | 19.27 | / | / | <=34.77 | Pass |

Note1: Antenna Gain: Ant1: 4.25dBi;



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Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 15k_SISO_15MHz_NTNV_ERP

| 5G NR n12 SCS=15kHz SISO 15MHz NTN | | | | | | | | | | |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | ERP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 706.5 | Edge_1RB_Left | 23.31 | / | / | 25.41 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.91 | / | / | 25.01 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.13 | / | / | 25.23 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.11 | / | / | 25.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.15 | / | / | 25.25 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.92 | / | / | 25.02 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 23.24 | / | / | 25.34 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.82 | / | / | 24.92 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.07 | / | / | 25.17 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.12 | / | / | 25.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 25.18 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.87 | / | / | 24.97 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 23.11 | / | / | 25.21 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.79 | / | / | 24.89 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.96 | / | / | 25.06 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.97 | / | / | 25.07 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.07 | / | / | 25.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.83 | / | / | 24.93 | / | / | <=34.77 | Pass |
| DFT-s-OFDM QPSK | 706.5 | Edge_1RB_Left | 23.17 | / | / | 25.27 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.90 | / | / | 25.00 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.00 | / | / | 25.10 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.98 | / | / | 25.08 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.16 | / | / | 25.26 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.95 | / | / | 25.05 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 23.16 | / | / | 25.26 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.87 | / | / | 24.97 | / | / | <=34.77 | Pass |
| | | Outer_Full | 23.00 | / | / | 25.10 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.10 | / | / | 25.20 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.19 | / | / | 25.29 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.89 | / | / | 24.99 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 23.11 | / | / | 25.21 | / | / | <=34.77 | Pass |



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Shenzhen Branch

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| | | | | | | | | | | |
|----------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Edge_1RB_Right | 22.86 | / | / | 24.96 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.97 | / | / | 25.07 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.93 | / | / | 25.03 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.06 | / | / | 25.16 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.78 | / | / | 24.88 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 16 QAM | 706.5 | Edge_1RB_Left | 22.08 | / | / | 24.18 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.91 | / | / | 24.01 | / | / | <=34.77 | Pass |
| | | Outer_Full | 22.06 | / | / | 24.16 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.10 | / | / | 25.20 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.39 | / | / | 25.49 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.81 | / | / | 24.91 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 22.14 | / | / | 24.24 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.96 | / | / | 24.06 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.95 | / | / | 24.05 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.05 | / | / | 25.15 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.28 | / | / | 25.38 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.97 | / | / | 25.07 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 22.06 | / | / | 24.16 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 22.03 | / | / | 24.13 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.97 | / | / | 24.07 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.96 | / | / | 25.06 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 25.03 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.68 | / | / | 24.78 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 64 QAM | 706.5 | Edge_1RB_Left | 21.82 | / | / | 23.92 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.42 | / | / | 23.52 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.62 | / | / | 23.72 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.45 | / | / | 23.55 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.73 | / | / | 23.83 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 23.47 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.70 | / | / | 23.80 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.26 | / | / | 23.36 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.55 | / | / | 23.65 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.51 | / | / | 23.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.70 | / | / | 23.80 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.42 | / | / | 23.52 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 21.66 | / | / | 23.76 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 21.24 | / | / | 23.34 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.51 | / | / | 23.61 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| DFT-s-OFDM 256 QAM | | Inner_Full | 21.51 | / | / | 23.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.73 | / | / | 23.83 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.48 | / | / | 23.58 | / | / | <=34.77 | Pass |
| | 706.5 | Edge_1RB_Left | 19.68 | / | / | 21.78 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.60 | / | / | 21.70 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.59 | / | / | 21.69 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.59 | / | / | 21.69 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.88 | / | / | 21.98 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.45 | / | / | 21.55 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 19.82 | / | / | 21.92 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.31 | / | / | 21.41 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.58 | / | / | 21.68 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.53 | / | / | 21.63 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.68 | / | / | 21.78 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.34 | / | / | 21.44 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 19.61 | / | / | 21.71 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 19.45 | / | / | 21.55 | / | / | <=34.77 | Pass |
| | | Outer_Full | 19.45 | / | / | 21.55 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.47 | / | / | 21.57 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.57 | / | / | 21.67 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.40 | / | / | 21.50 | / | / | <=34.77 | Pass |
| CP-OFDM QPSK | 706.5 | Edge_1RB_Left | 21.22 | / | / | 23.32 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.93 | / | / | 23.03 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.10 | / | / | 23.20 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.56 | / | / | 24.66 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.60 | / | / | 24.70 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.30 | / | / | 24.40 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.28 | / | / | 23.38 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.85 | / | / | 22.95 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.99 | / | / | 23.09 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.51 | / | / | 24.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.58 | / | / | 24.68 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.27 | / | / | 24.37 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 21.18 | / | / | 23.28 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.68 | / | / | 22.78 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.99 | / | / | 23.09 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.48 | / | / | 24.58 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.43 | / | / | 24.53 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Inner_1RB_Right | 22.06 | / | / | 24.16 | / | / | <=34.77 | Pass |
| CP-OFDM 16 QAM | 706.5 | Edge_1RB_Left | 20.97 | / | / | 23.07 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.91 | / | / | 23.01 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.93 | / | / | 23.03 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.96 | / | / | 24.06 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.07 | / | / | 24.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.91 | / | / | 24.01 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 21.22 | / | / | 23.32 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.82 | / | / | 22.92 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.08 | / | / | 23.18 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.00 | / | / | 24.10 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.12 | / | / | 24.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.78 | / | / | 23.88 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 21.26 | / | / | 23.36 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.76 | / | / | 22.86 | / | / | <=34.77 | Pass |
| | | Outer_Full | 21.00 | / | / | 23.10 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.02 | / | / | 24.12 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.43 | / | / | 24.53 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.35 | / | / | 23.45 | / | / | <=34.77 | Pass |
| CP-OFDM 64 QAM | 706.5 | Edge_1RB_Left | 20.53 | / | / | 22.63 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.28 | / | / | 22.38 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.53 | / | / | 22.63 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.54 | / | / | 22.64 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.55 | / | / | 22.65 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.46 | / | / | 22.56 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 20.50 | / | / | 22.60 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.42 | / | / | 22.52 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.52 | / | / | 22.62 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.61 | / | / | 22.71 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.59 | / | / | 22.69 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.49 | / | / | 22.59 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 20.55 | / | / | 22.65 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 20.51 | / | / | 22.61 | / | / | <=34.77 | Pass |
| | | Outer_Full | 20.50 | / | / | 22.60 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.49 | / | / | 22.59 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.44 | / | / | 22.54 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.37 | / | / | 22.47 | / | / | <=34.77 | Pass |
| CP-OFDM 256 QAM | 706.5 | Edge_1RB_Left | 17.66 | / | / | 19.76 | / | / | <=34.77 | Pass |



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| | | | | | | | | | | |
|--|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| | | Edge_1RB_Right | 17.49 | / | / | 19.59 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.53 | / | / | 19.63 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.60 | / | / | 19.70 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.77 | / | / | 19.87 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.63 | / | / | 19.73 | / | / | <=34.77 | Pass |
| | 707.5 | Edge_1RB_Left | 17.73 | / | / | 19.83 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.55 | / | / | 19.65 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.63 | / | / | 19.73 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.62 | / | / | 19.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.66 | / | / | 19.76 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.26 | / | / | 19.36 | / | / | <=34.77 | Pass |
| | 708.5 | Edge_1RB_Left | 17.78 | / | / | 19.88 | / | / | <=34.77 | Pass |
| | | Edge_1RB_Right | 17.44 | / | / | 19.54 | / | / | <=34.77 | Pass |
| | | Outer_Full | 17.49 | / | / | 19.59 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.53 | / | / | 19.63 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.68 | / | / | 19.78 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.41 | / | / | 19.51 | / | / | <=34.77 | Pass |
| Note1: Antenna Gain: Ant1: 4.25dBi; | | | | | | | | | | |
| Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_15MHz

| 5G NR n12 SCS=15kHz SISO 15MHz | | | | | | | | |
|--------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 707.5 | Outer_Full | 20 | LV | -1.80 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.70 | -0.0081 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.90 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.30 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.20 | -0.0059 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.60 | -0.0093 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 707.5 | Outer_Full | 20 | NV | -4.00 | -0.0057 | >=-2.5 & <=2.5 | Pass |
| | | | | LV | -5.40 | -0.0076 | >=-2.5 & <=2.5 | Pass |



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| | | | | | | | | |
|--------------------|-------|------------|----|----|-------|---------|--------------------------|------|
| | | | | HV | -2.60 | -0.0037 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -6.80 | -0.0096 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -5.40 | -0.0076 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | -3.70 | -0.0052 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -3.60 | -0.0051 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 40 | NV | -5.70 | -0.0081 | ≥ -2.5 & ≤ 2.5 | Pass |
| DFT-s-OFDM 16 QAM | 707.5 | Outer_Full | 20 | LV | -1.70 | -0.0024 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | -4.00 | -0.0057 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -8.30 | -0.0117 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -4.50 | -0.0064 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | -6.70 | -0.0095 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0079 | ≥ -2.5 & ≤ 2.5 | Pass |
| DFT-s-OFDM 64 QAM | 707.5 | Outer_Full | 20 | LV | -2.80 | -0.0040 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | -6.20 | -0.0088 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -7.70 | -0.0109 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -4.10 | -0.0058 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0068 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -8.10 | -0.0114 | ≥ -2.5 & ≤ 2.5 | Pass |
| DFT-s-OFDM 256 QAM | 707.5 | Outer_Full | 20 | LV | -0.80 | -0.0011 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | -3.20 | -0.0045 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -2.20 | -0.0031 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -4.20 | -0.0059 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | 1.90 | 0.0027 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -3.80 | -0.0054 | ≥ -2.5 & ≤ 2.5 | Pass |
| CP-OFDM QPSK | 707.5 | Outer_Full | 20 | LV | -3.00 | -0.0042 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | 3.70 | 0.0052 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0062 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -5.20 | -0.0073 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | 1.00 | 0.0014 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | 2.80 | 0.0040 | ≥ -2.5 & ≤ 2.5 | Pass |
| CP-OFDM 16 QAM | 707.5 | Outer_Full | 20 | LV | -3.20 | -0.0045 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | -4.10 | -0.0058 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -4.20 | -0.0059 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -4.30 | -0.0061 | ≥ -2.5 & ≤ 2.5 | Pass |



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| | | | | | | | | |
|-----------------|-------|------------|----|----|-------|---------|--------------------------|------|
| | | | 20 | NV | -6.80 | -0.0096 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -1.50 | -0.0021 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 40 | NV | -4.50 | -0.0064 | ≥ -2.5 & ≤ 2.5 | Pass |
| CP-OFDM 64 QAM | 707.5 | Outer_Full | 20 | LV | -3.60 | -0.0051 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | 2.30 | 0.0033 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -3.50 | -0.0049 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -0.80 | -0.0011 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | -2.10 | -0.0030 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -5.30 | -0.0075 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 40 | NV | -5.40 | -0.0076 | ≥ -2.5 & ≤ 2.5 | Pass |
| CP-OFDM 256 QAM | 707.5 | Outer_Full | 20 | LV | -2.50 | -0.0035 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | | HV | -2.00 | -0.0028 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 0 | NV | -5.30 | -0.0075 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 10 | NV | -2.70 | -0.0038 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 20 | NV | -3.80 | -0.0054 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 30 | NV | -4.30 | -0.0061 | ≥ -2.5 & ≤ 2.5 | Pass |
| | | | 40 | NV | -3.10 | -0.0044 | ≥ -2.5 & ≤ 2.5 | Pass |

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

| 5G NR n12 SCS=15kHz SISO 5MHz NTN | | | | | | |
|-----------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 701.5 | Outer_Full | 4.57 | 5.28 | / | Pass |
| | 707.5 | Outer_Full | 4.66 | 6.66 | / | Pass |
| | 713.5 | Outer_Full | 4.57 | 5.34 | / | Pass |
| DFT-s-OFDM QPSK | 701.5 | Outer_Full | 4.56 | 5.36 | / | Pass |
| | 707.5 | Outer_Full | 4.67 | 6.32 | / | Pass |
| | 713.5 | Outer_Full | 4.58 | 5.38 | / | Pass |
| DFT-s-OFDM 16 QAM | 701.5 | Outer_Full | 4.58 | 5.38 | / | Pass |
| | 707.5 | Outer_Full | 4.64 | 5.95 | / | Pass |
| | 713.5 | Outer_Full | 4.58 | 5.44 | / | Pass |
| DFT-s-OFDM 64 QAM | 701.5 | Outer_Full | 4.56 | 5.31 | / | Pass |
| | 707.5 | Outer_Full | 4.66 | 6.17 | / | Pass |



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| | | | | | | |
|--------------------|-------|------------|------|------|---|------|
| | 713.5 | Outer_Full | 4.57 | 5.39 | / | Pass |
| DFT-s-OFDM 256 QAM | 701.5 | Outer_Full | 4.57 | 5.40 | / | Pass |
| | 707.5 | Outer_Full | 4.61 | 5.46 | / | Pass |
| | 713.5 | Outer_Full | 4.60 | 5.42 | / | Pass |
| CP-OFDM QPSK | 701.5 | Outer_Full | 4.56 | 5.38 | / | Pass |
| | 707.5 | Outer_Full | 4.67 | 6.98 | / | Pass |
| | 713.5 | Outer_Full | 4.57 | 5.39 | / | Pass |
| CP-OFDM 16 QAM | 701.5 | Outer_Full | 4.56 | 5.35 | / | Pass |
| | 707.5 | Outer_Full | 4.66 | 7.02 | / | Pass |
| | 713.5 | Outer_Full | 4.56 | 5.42 | / | Pass |
| CP-OFDM 64 QAM | 701.5 | Outer_Full | 4.57 | 5.29 | / | Pass |
| | 707.5 | Outer_Full | 4.64 | 6.68 | / | Pass |
| | 713.5 | Outer_Full | 4.56 | 5.39 | / | Pass |
| CP-OFDM 256 QAM | 701.5 | Outer_Full | 4.56 | 5.37 | / | Pass |
| | 707.5 | Outer_Full | 4.59 | 5.40 | / | Pass |
| | 713.5 | Outer_Full | 4.57 | 5.32 | / | Pass |

3.1.2 15k_SISO_10MHz_NTNV

| 5G NR n12 SCS=15kHz SISO 10MHz NTN | | | | | | |
|------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 704 | Outer_Full | 9.03 | 9.91 | / | Pass |
| | 707.5 | Outer_Full | 9.18 | 10.19 | / | Pass |
| | 711 | Outer_Full | 9.05 | 9.94 | / | Pass |
| DFT-s-OFDM QPSK | 704 | Outer_Full | 9.00 | 9.93 | / | Pass |
| | 707.5 | Outer_Full | 9.22 | 10.40 | / | Pass |
| | 711 | Outer_Full | 9.08 | 10.07 | / | Pass |
| DFT-s-OFDM 16 QAM | 704 | Outer_Full | 9.05 | 9.93 | / | Pass |
| | 707.5 | Outer_Full | 9.19 | 10.32 | / | Pass |
| | 711 | Outer_Full | 9.09 | 9.98 | / | Pass |
| DFT-s-OFDM 64 QAM | 704 | Outer_Full | 9.02 | 10.04 | / | Pass |
| | 707.5 | Outer_Full | 9.16 | 10.20 | / | Pass |
| | 711 | Outer_Full | 9.05 | 10.06 | / | Pass |
| DFT-s-OFDM 256 QAM | 704 | Outer_Full | 9.00 | 10.00 | / | Pass |
| | 707.5 | Outer_Full | 9.12 | 10.23 | / | Pass |
| | 711 | Outer_Full | 9.09 | 10.06 | / | Pass |
| CP-OFDM QPSK | 704 | Outer_Full | 9.34 | 10.33 | / | Pass |



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| | | | | | | |
|-----------------|-------|------------|------|-------|---|------|
| | 707.5 | Outer_Full | 9.38 | 10.42 | / | Pass |
| | 711 | Outer_Full | 9.41 | 10.42 | / | Pass |
| | 704 | Outer_Full | 9.33 | 10.36 | / | Pass |
| CP-OFDM 16 QAM | 707.5 | Outer_Full | 9.52 | 10.62 | / | Pass |
| | 711 | Outer_Full | 9.39 | 10.41 | / | Pass |
| | 704 | Outer_Full | 9.36 | 10.38 | / | Pass |
| CP-OFDM 64 QAM | 707.5 | Outer_Full | 9.49 | 10.57 | / | Pass |
| | 711 | Outer_Full | 9.41 | 10.43 | / | Pass |
| | 704 | Outer_Full | 9.35 | 10.31 | / | Pass |
| CP-OFDM 256 QAM | 707.5 | Outer_Full | 9.43 | 10.54 | / | Pass |
| | 711 | Outer_Full | 9.40 | 10.38 | / | Pass |
| | 704 | Outer_Full | 9.35 | 10.31 | / | Pass |

3.1.3 15k_SISO_15MHz_NTNV

| 5G NR n12 SCS=15kHz SISO 15MHz NTN | | | | | | |
|------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 706.5 | Outer_Full | 13.56 | 14.75 | / | Pass |
| | 707.5 | Outer_Full | 13.56 | 14.79 | / | Pass |
| | 708.5 | Outer_Full | 13.60 | 14.85 | / | Pass |
| DFT-s-OFDM QPSK | 706.5 | Outer_Full | 13.54 | 14.77 | / | Pass |
| | 707.5 | Outer_Full | 13.57 | 14.81 | / | Pass |
| | 708.5 | Outer_Full | 13.57 | 14.87 | / | Pass |
| DFT-s-OFDM 16 QAM | 706.5 | Outer_Full | 13.54 | 14.73 | / | Pass |
| | 707.5 | Outer_Full | 13.57 | 14.83 | / | Pass |
| | 708.5 | Outer_Full | 13.60 | 14.77 | / | Pass |
| DFT-s-OFDM 64 QAM | 706.5 | Outer_Full | 13.53 | 14.82 | / | Pass |
| | 707.5 | Outer_Full | 13.59 | 14.81 | / | Pass |
| | 708.5 | Outer_Full | 13.56 | 14.84 | / | Pass |
| DFT-s-OFDM 256 QAM | 706.5 | Outer_Full | 13.56 | 14.79 | / | Pass |
| | 707.5 | Outer_Full | 13.51 | 14.90 | / | Pass |
| | 708.5 | Outer_Full | 13.58 | 14.85 | / | Pass |
| CP-OFDM QPSK | 706.5 | Outer_Full | 14.22 | 15.49 | / | Pass |
| | 707.5 | Outer_Full | 14.22 | 15.43 | / | Pass |
| | 708.5 | Outer_Full | 14.25 | 15.49 | / | Pass |
| CP-OFDM 16 QAM | 706.5 | Outer_Full | 14.22 | 15.45 | / | Pass |
| | 707.5 | Outer_Full | 14.26 | 15.70 | / | Pass |
| | 708.5 | Outer_Full | 14.27 | 15.50 | / | Pass |



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| | | | | | | |
|-----------------|-------|------------|-------|-------|---|------|
| CP-OFDM 64 QAM | 706.5 | Outer_Full | 14.22 | 15.36 | / | Pass |
| | 707.5 | Outer_Full | 14.28 | 15.56 | / | Pass |
| | 708.5 | Outer_Full | 14.31 | 15.59 | / | Pass |
| CP-OFDM 256 QAM | 706.5 | Outer_Full | 14.22 | 15.40 | / | Pass |
| | 707.5 | Outer_Full | 14.23 | 15.54 | / | Pass |
| | 708.5 | Outer_Full | 14.29 | 15.57 | / | Pass |



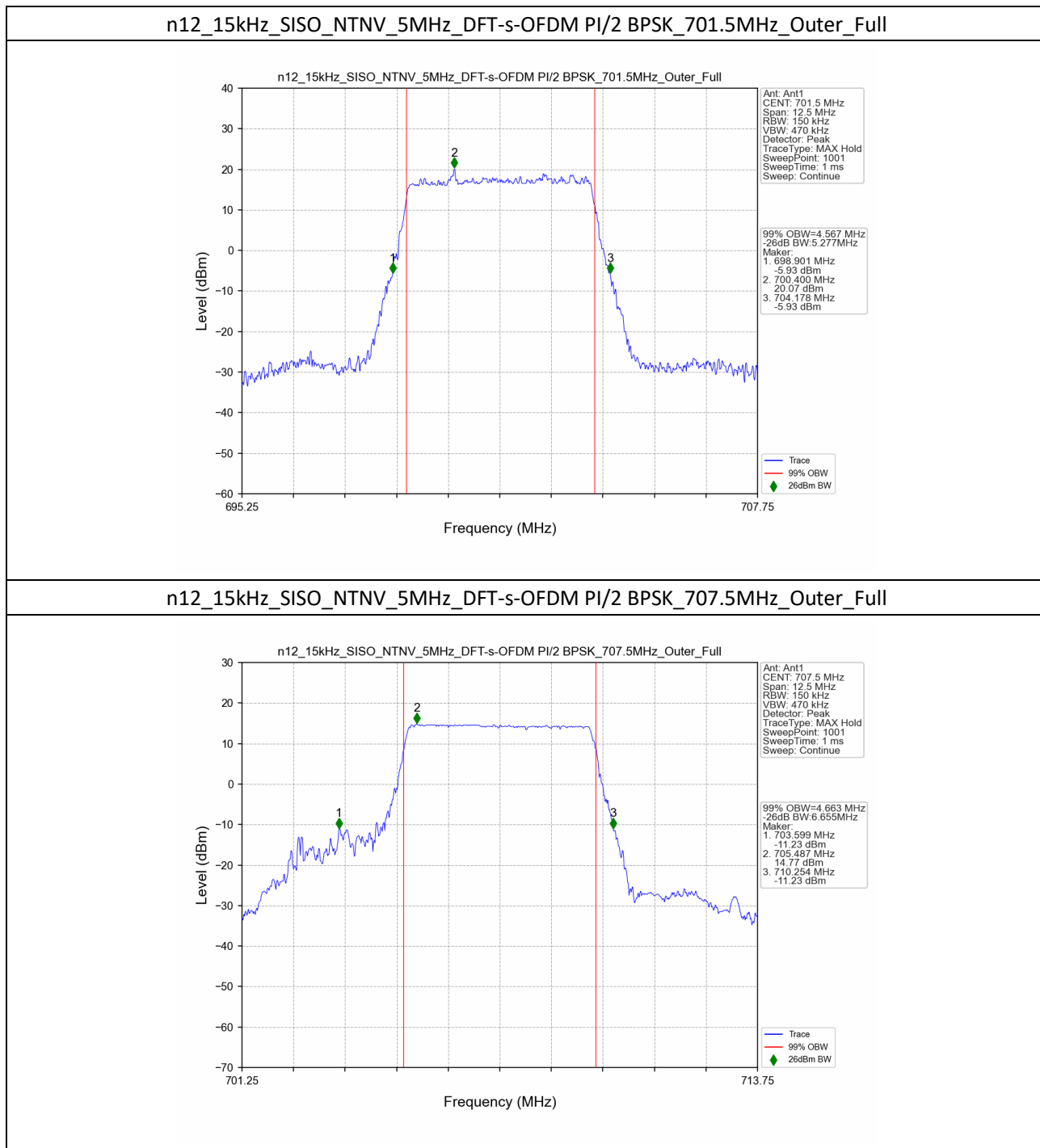
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3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

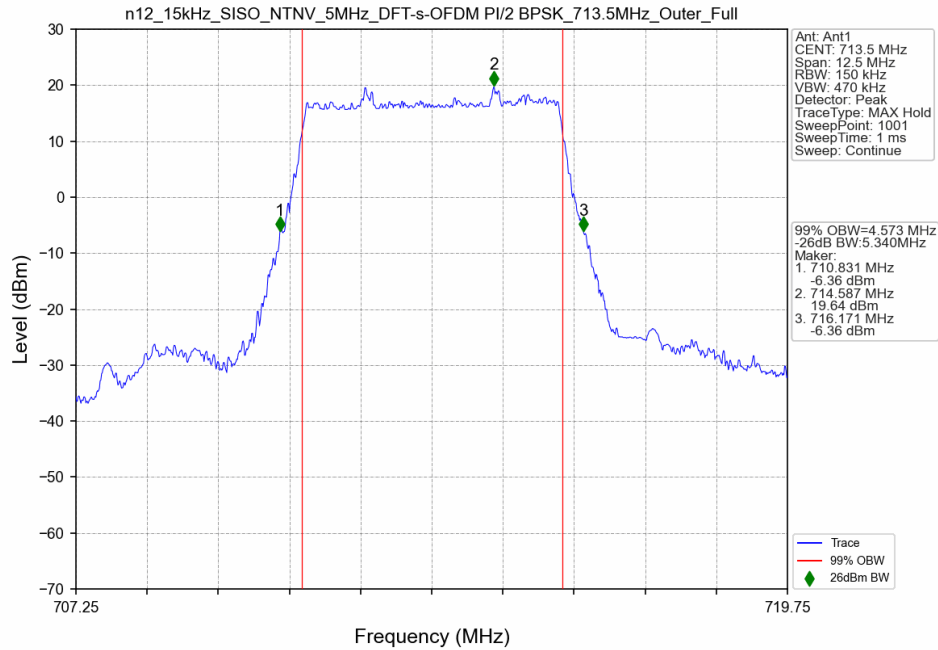


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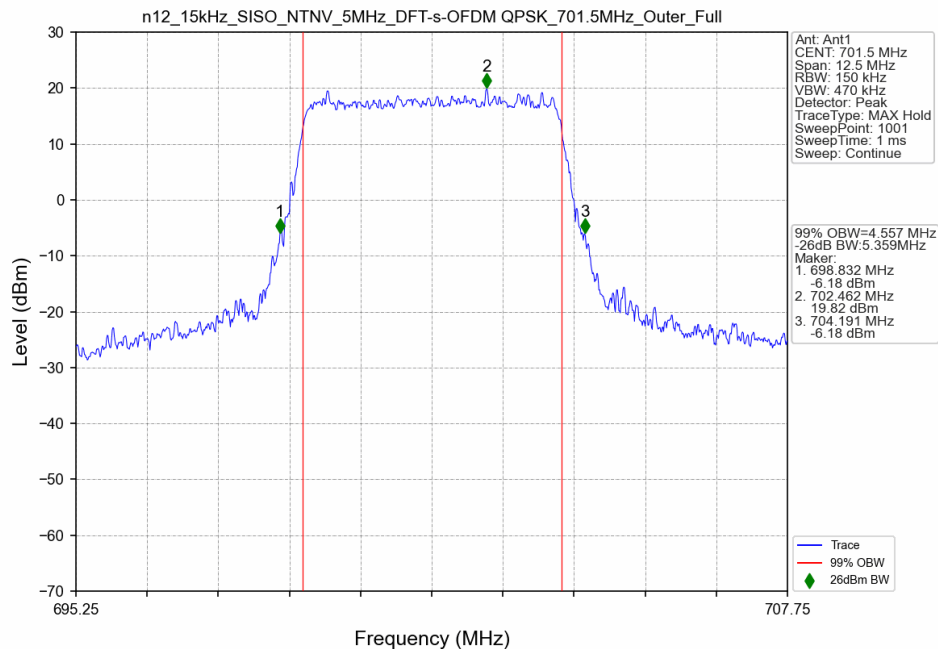
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n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_701.5MHz_Outer_Full

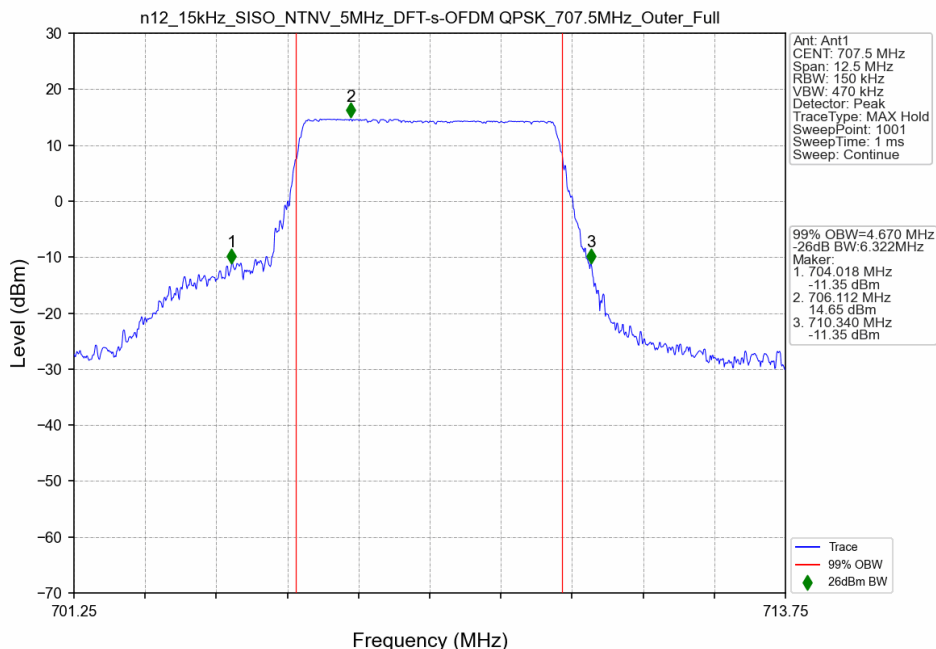


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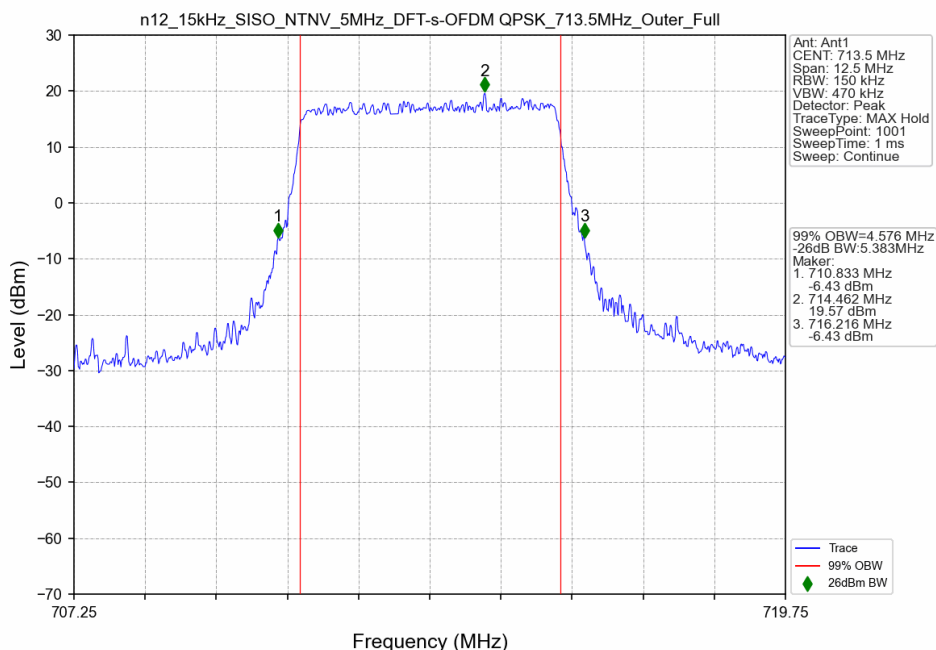
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n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Outer_Full

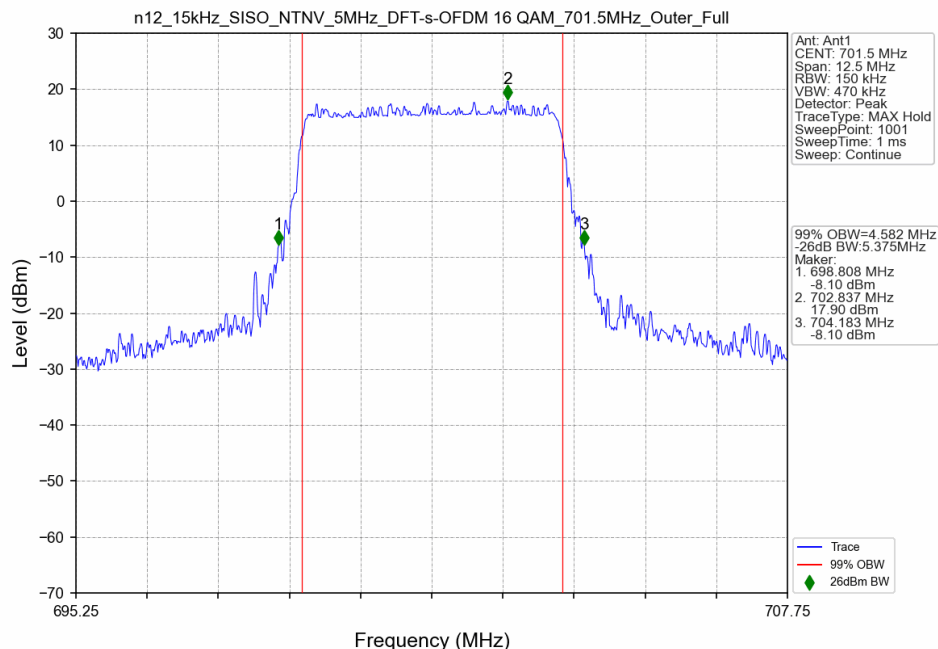


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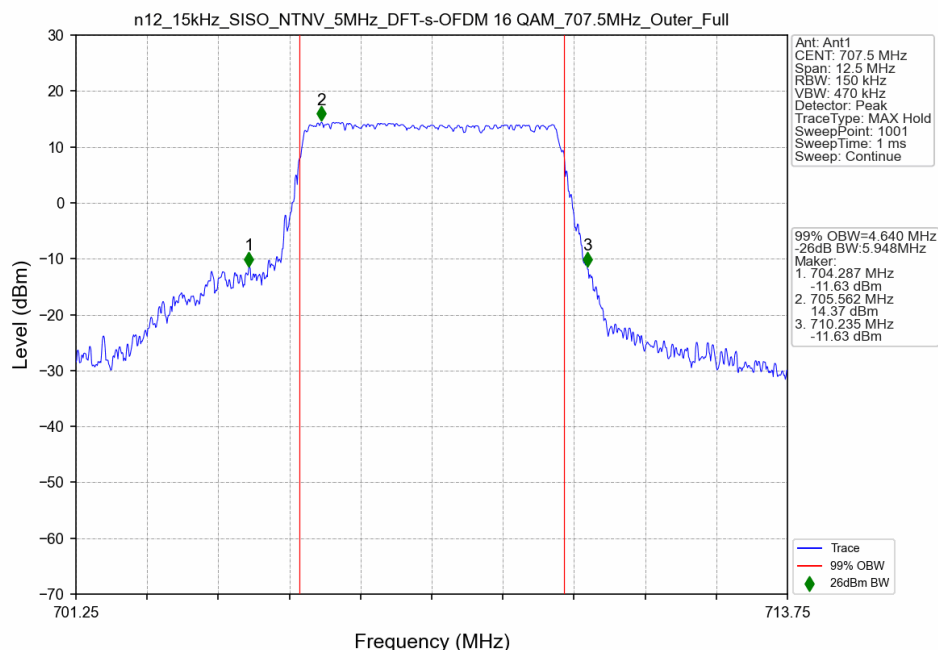
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n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_701.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_707.5MHz_Outer_Full

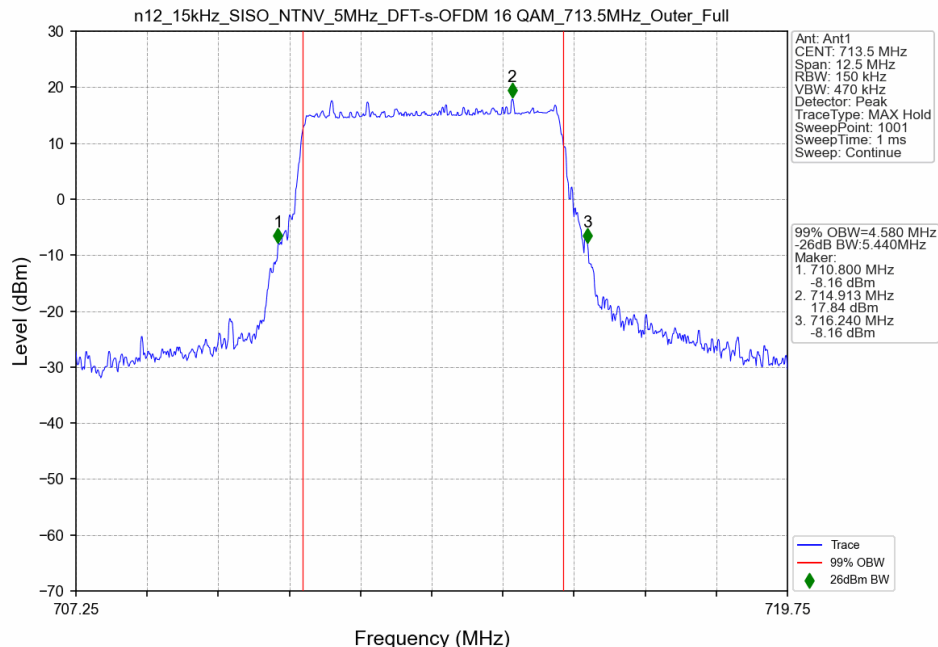


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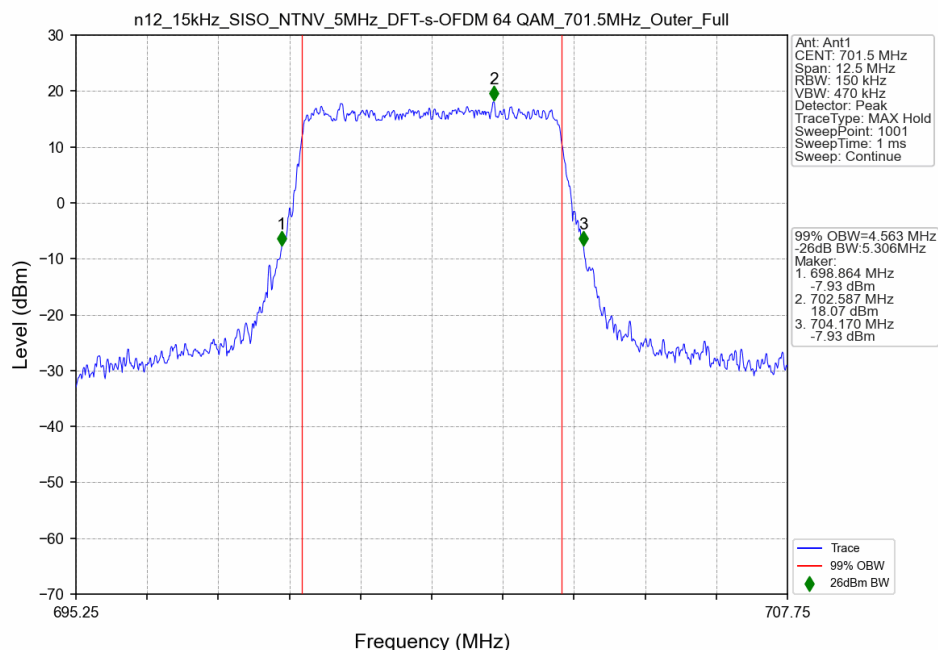
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n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_713.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_701.5MHz_Outer_Full

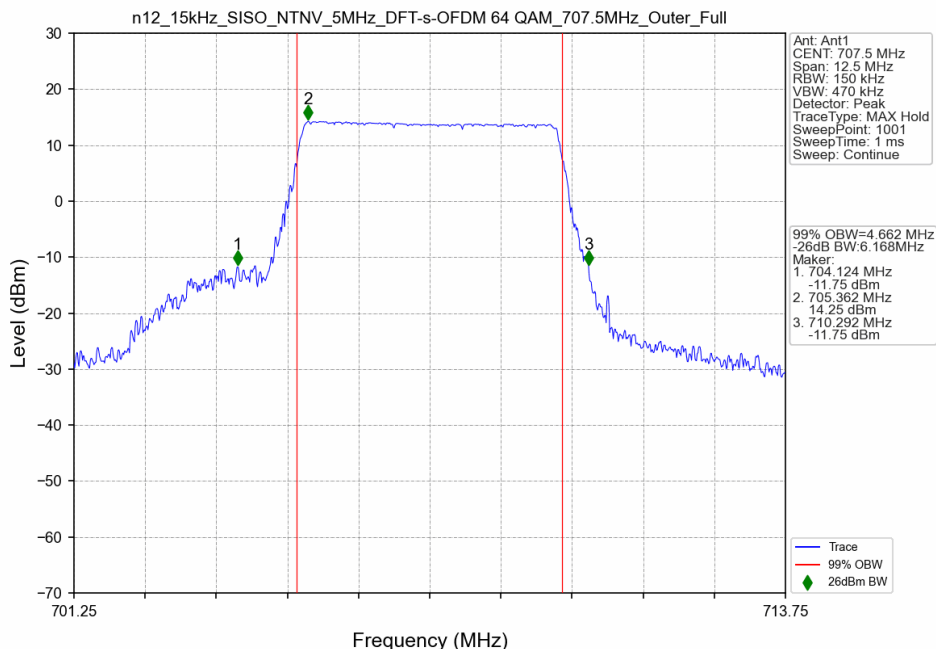


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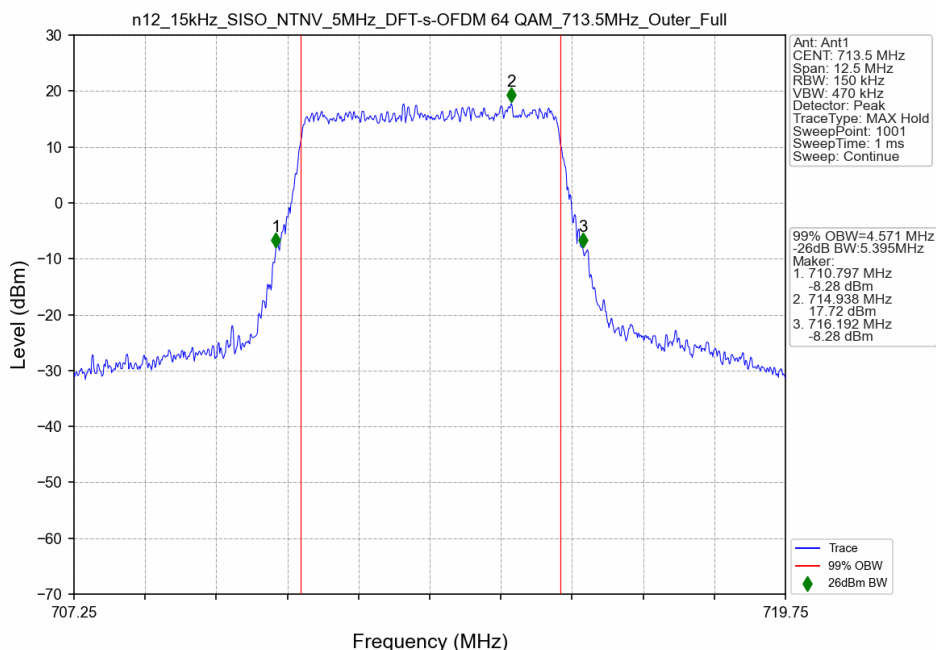
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n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_707.5MHz_Outer_Full



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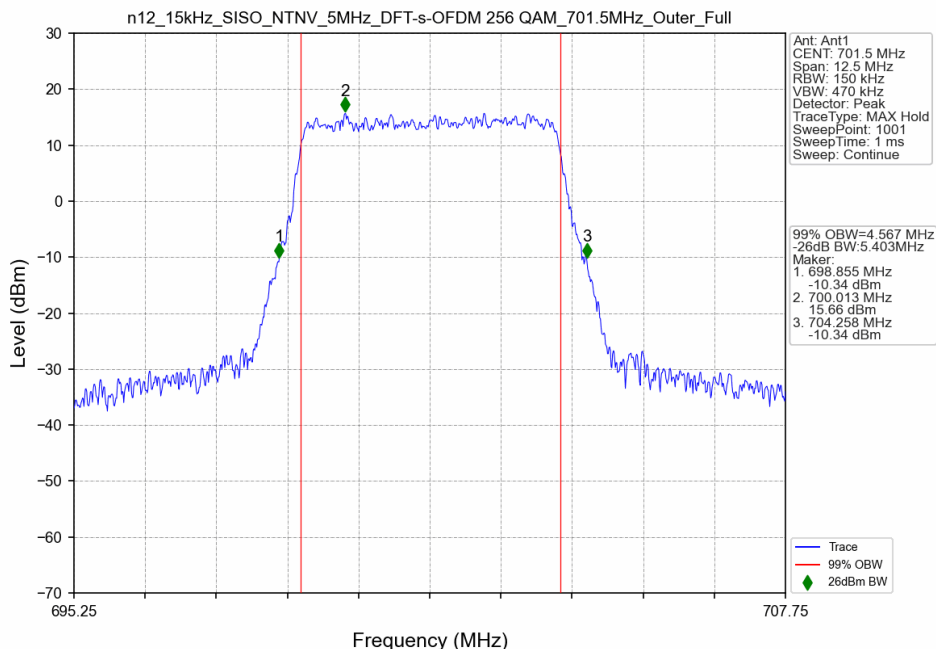


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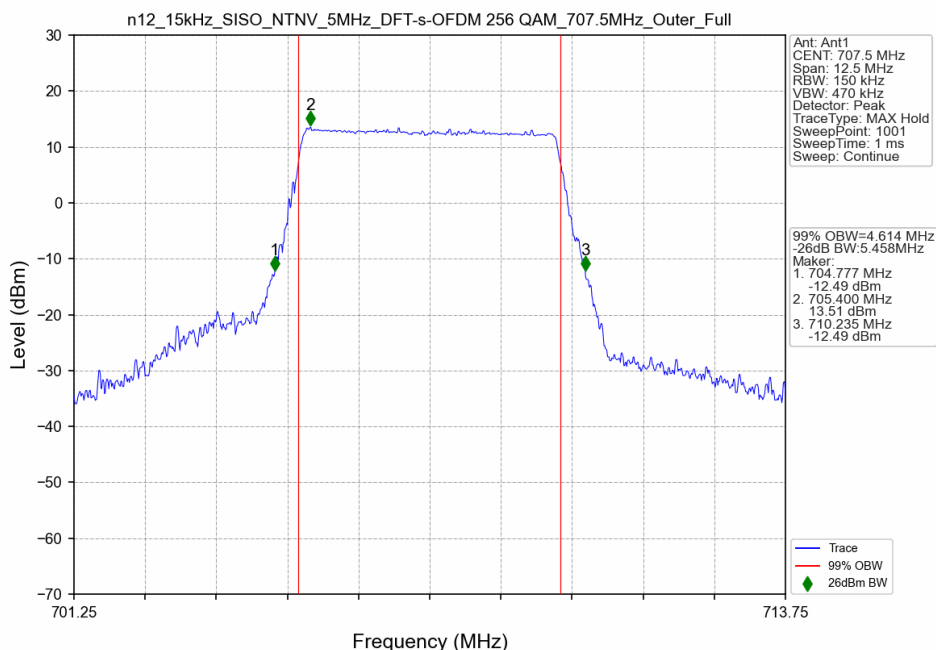
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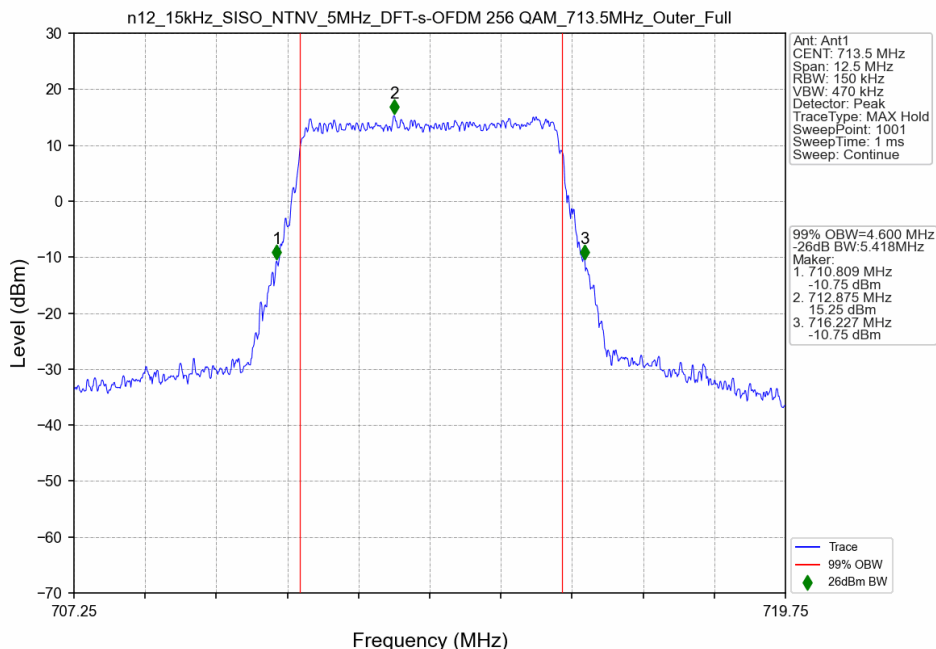


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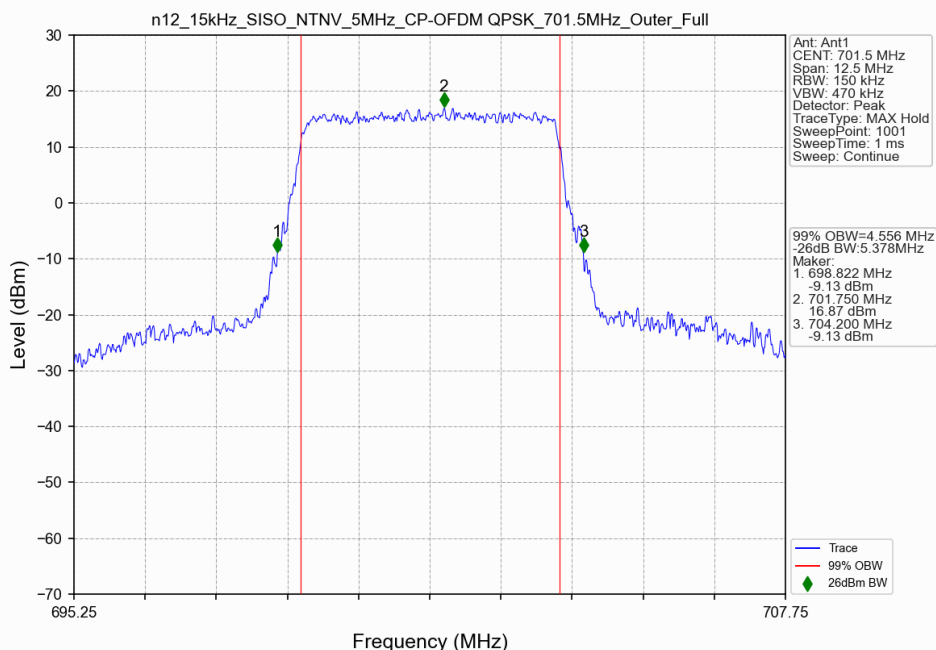
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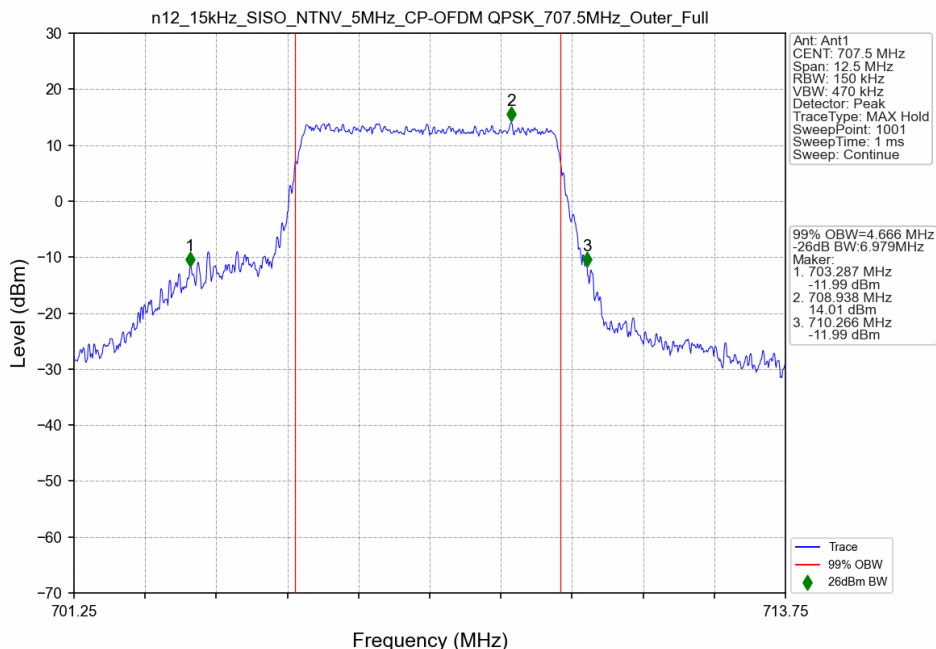


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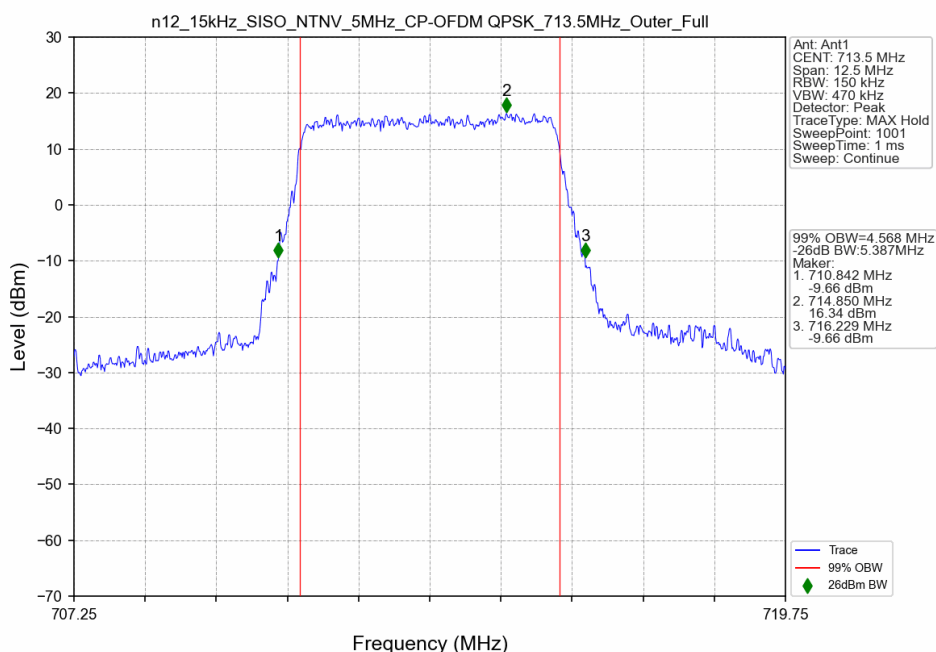
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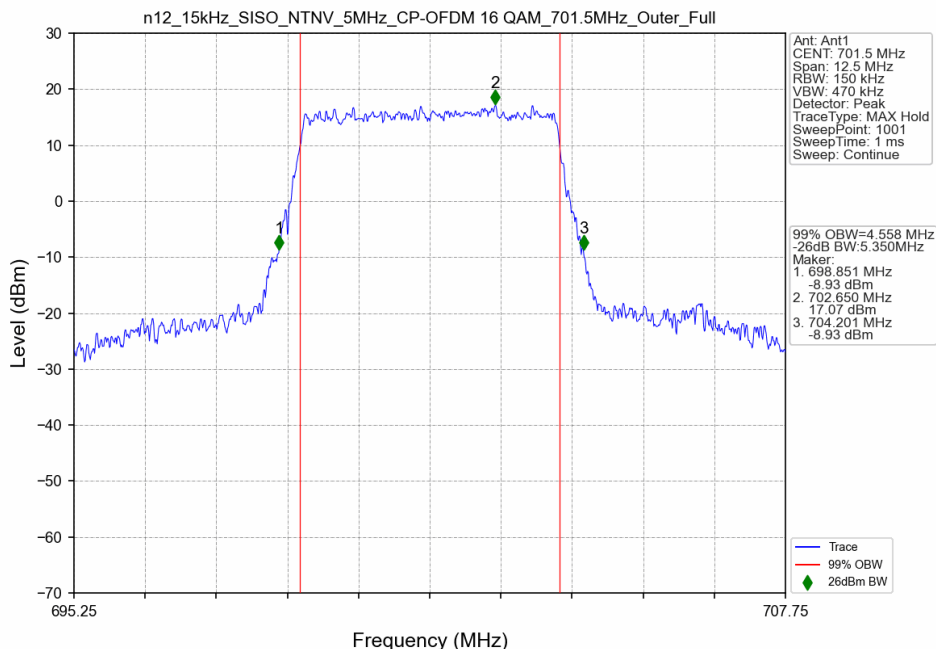


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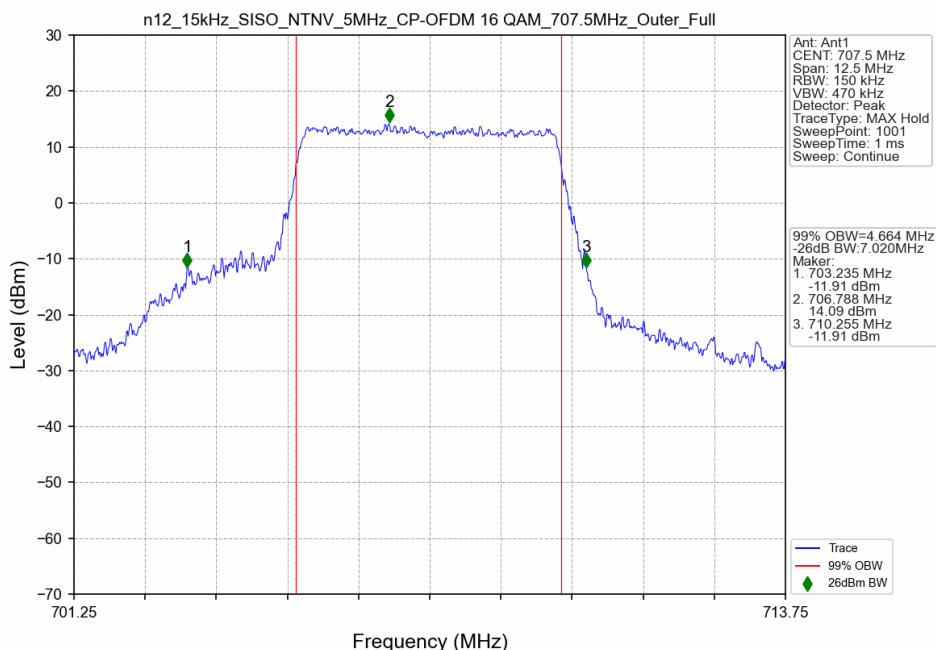
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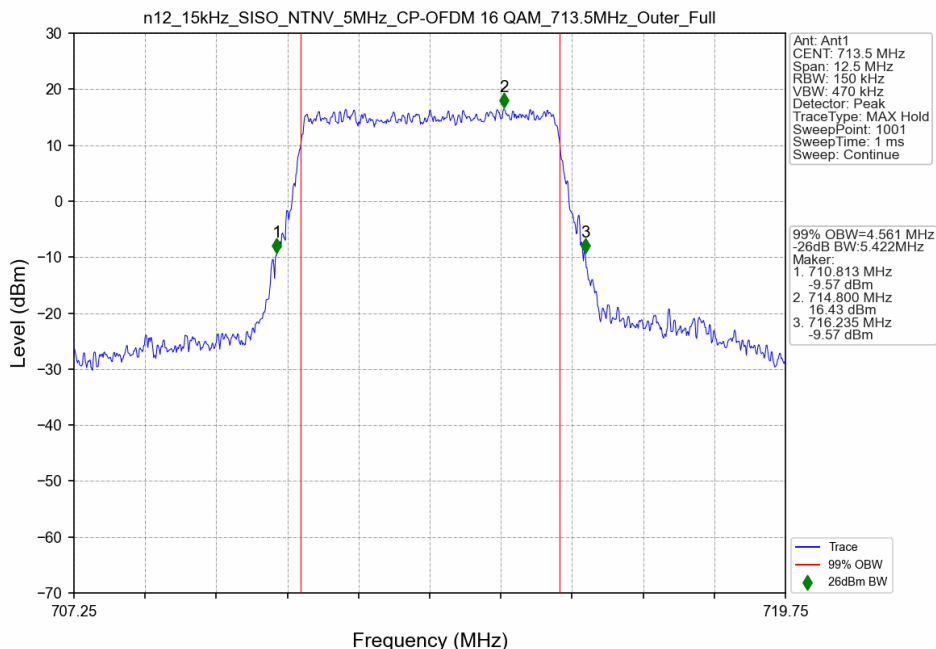


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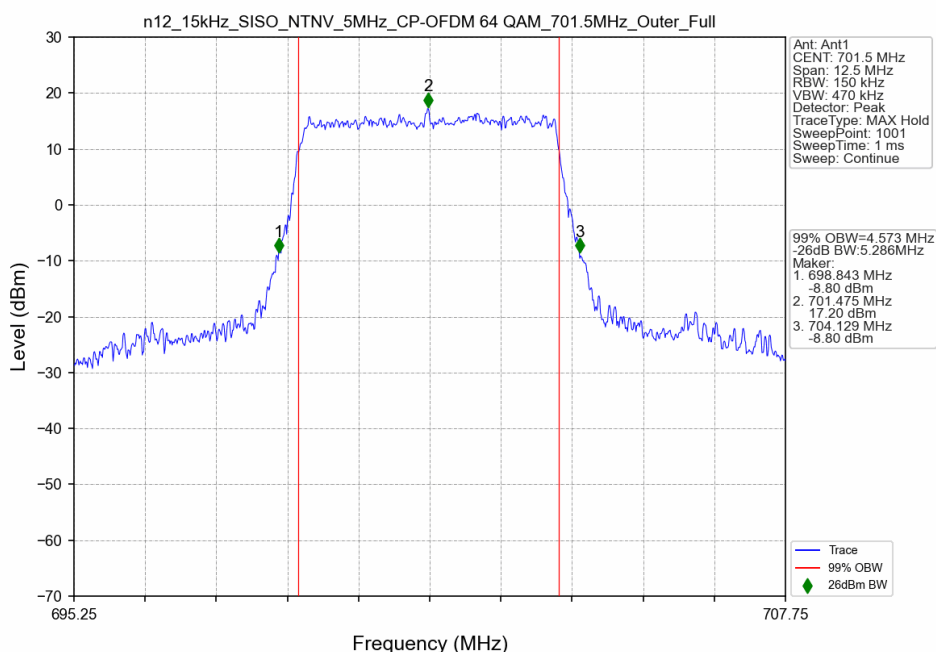
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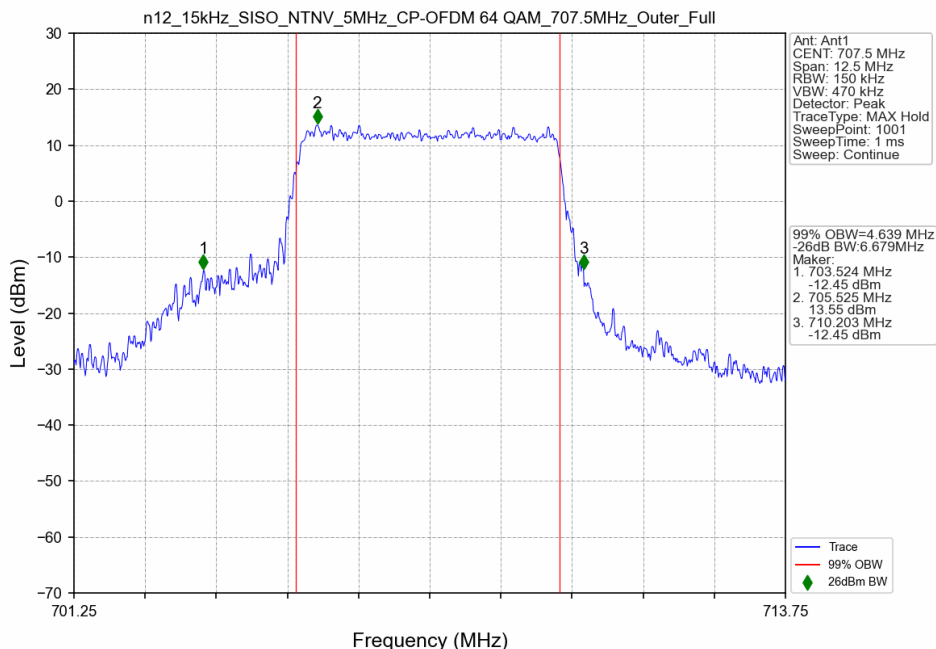


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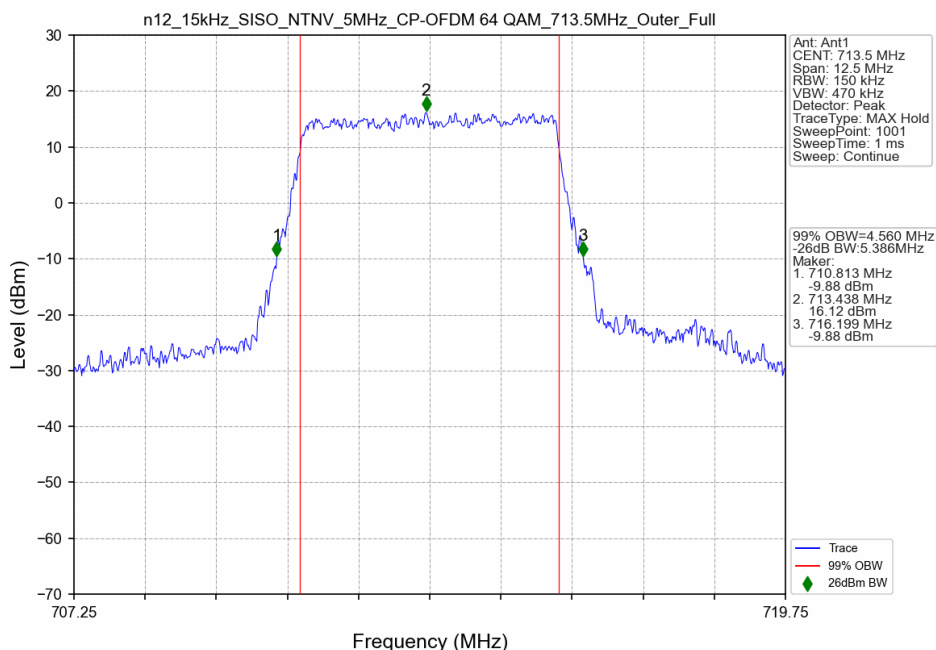
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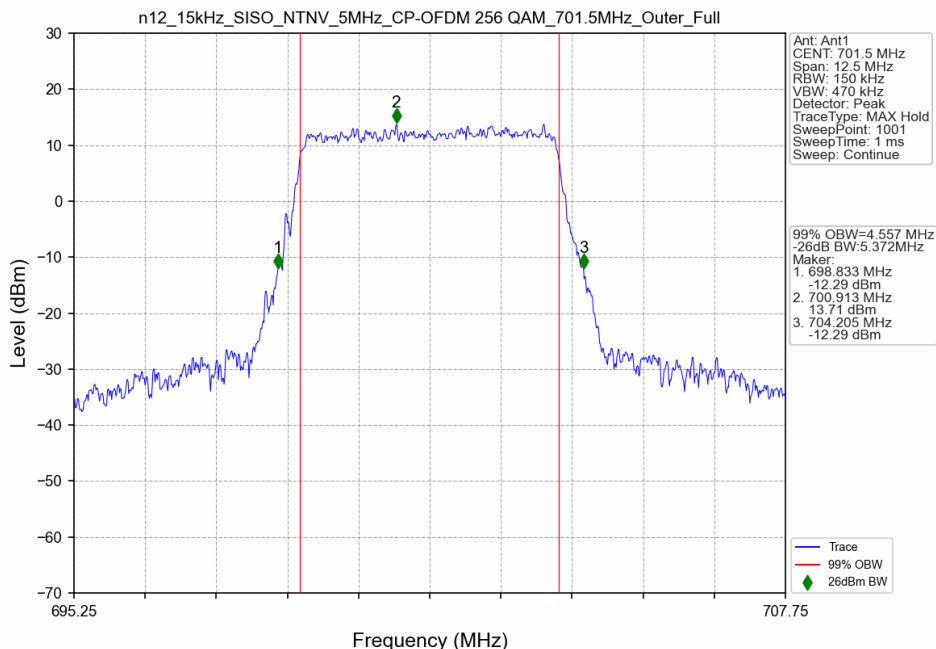


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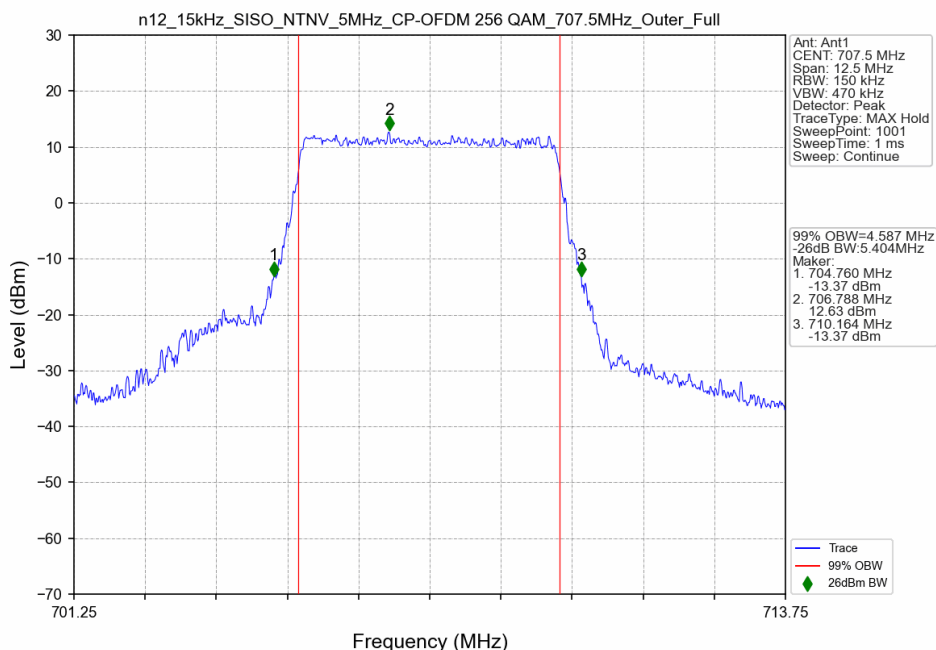
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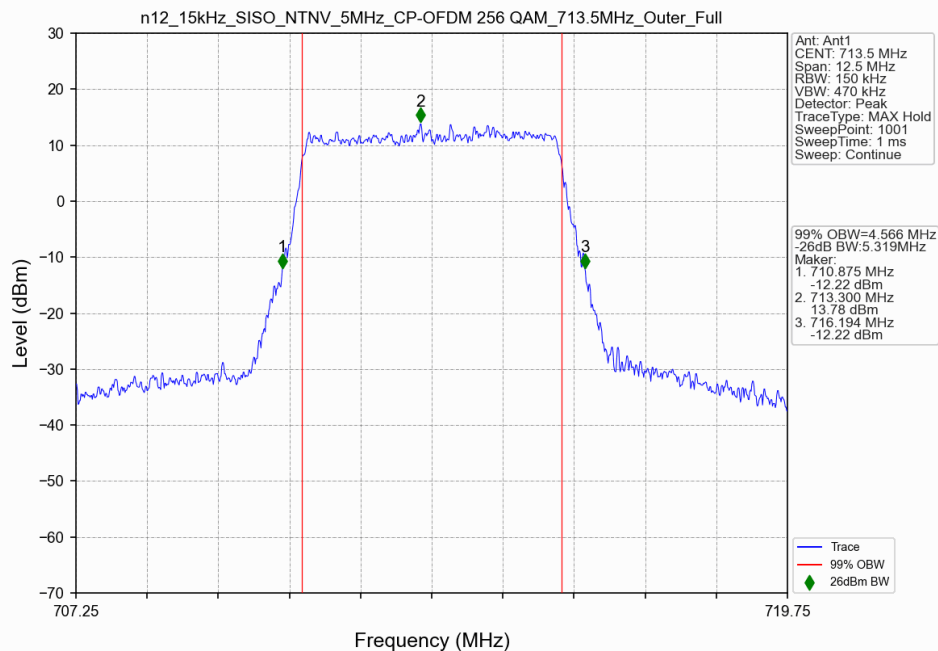


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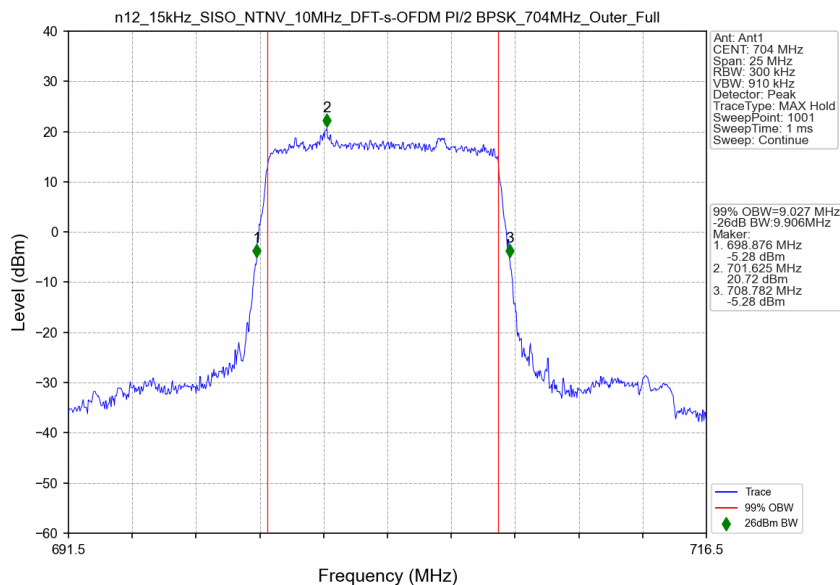
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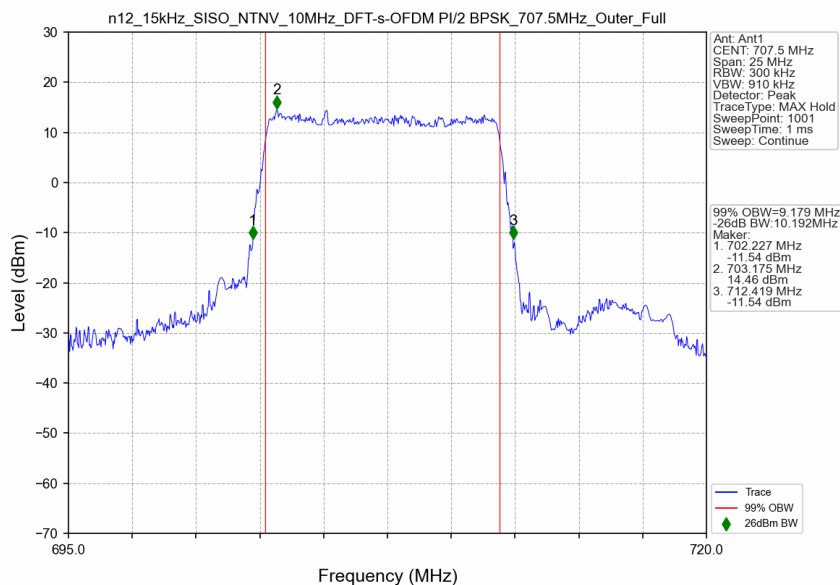
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3.2.2 15k_SISO_10MHz_NTNV

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full

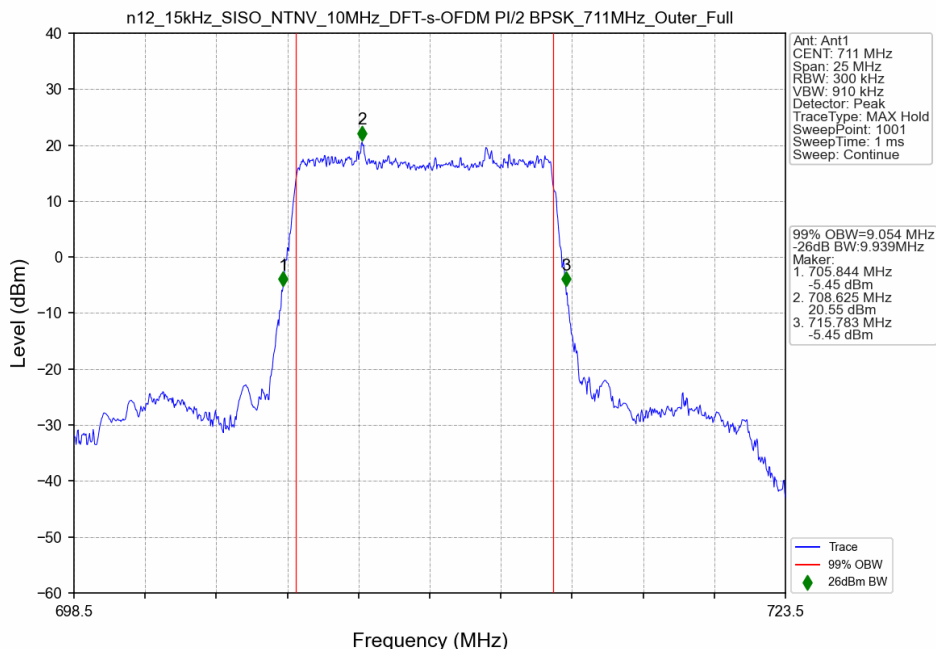


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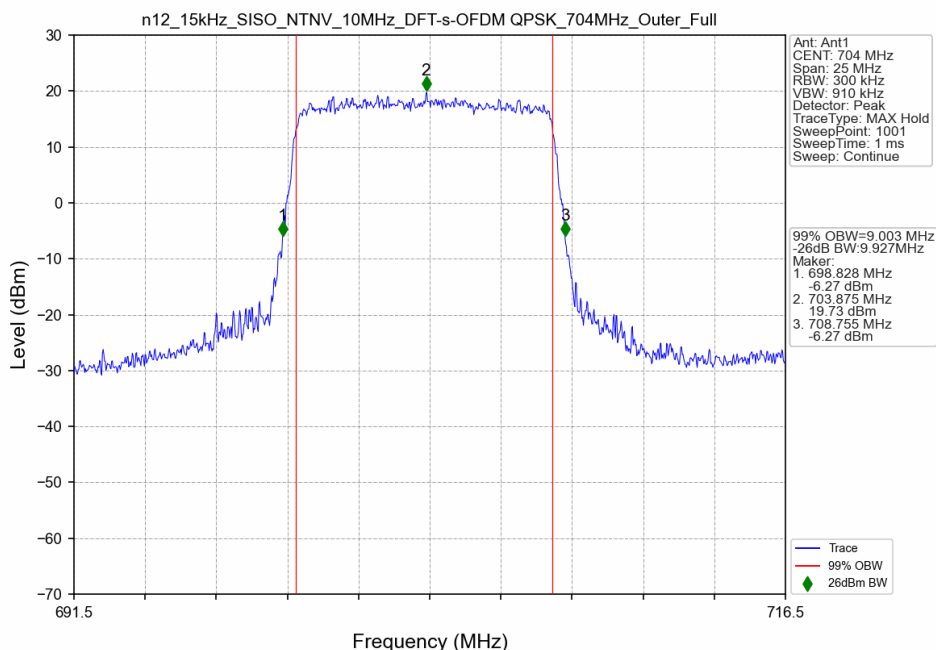
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n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Outer_Full

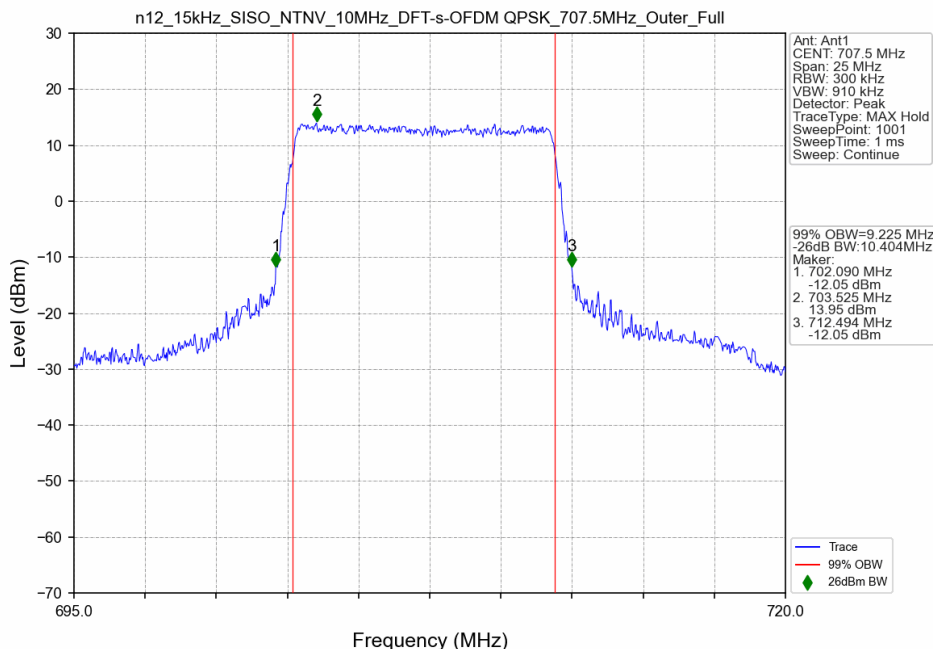


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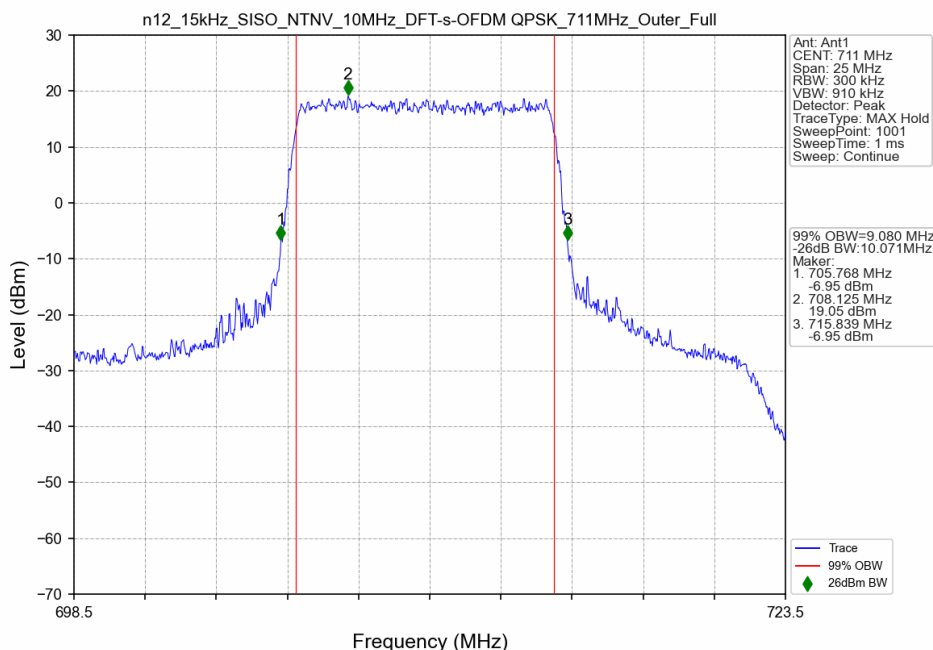
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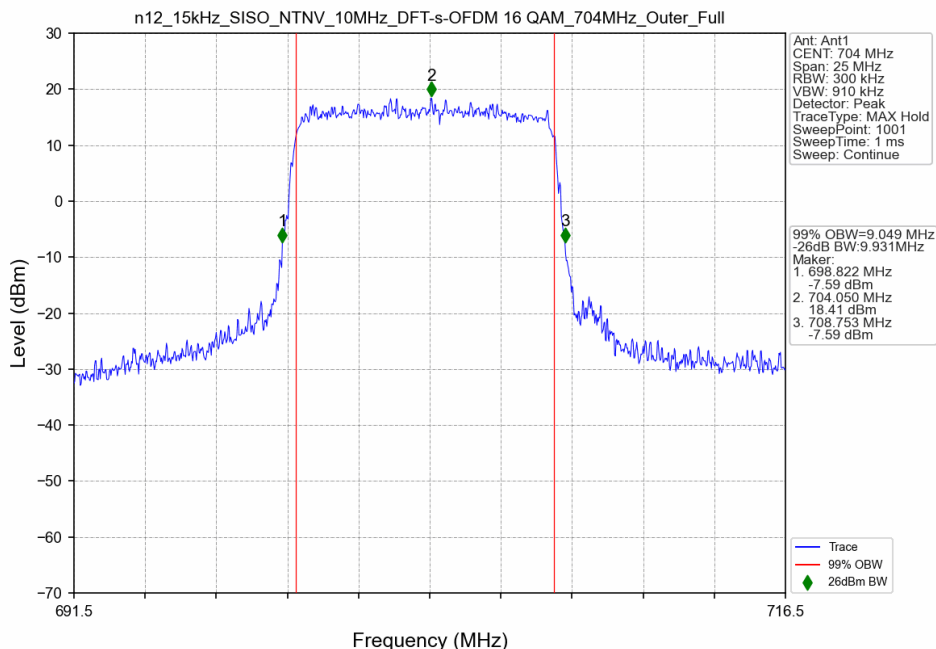


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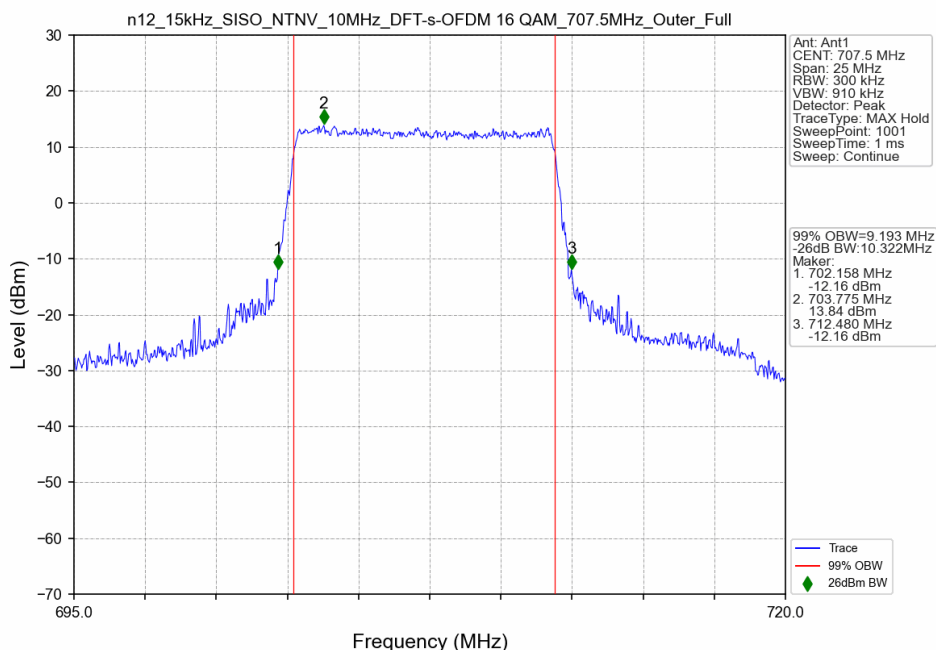
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n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_704MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_707.5MHz_Outer_Full

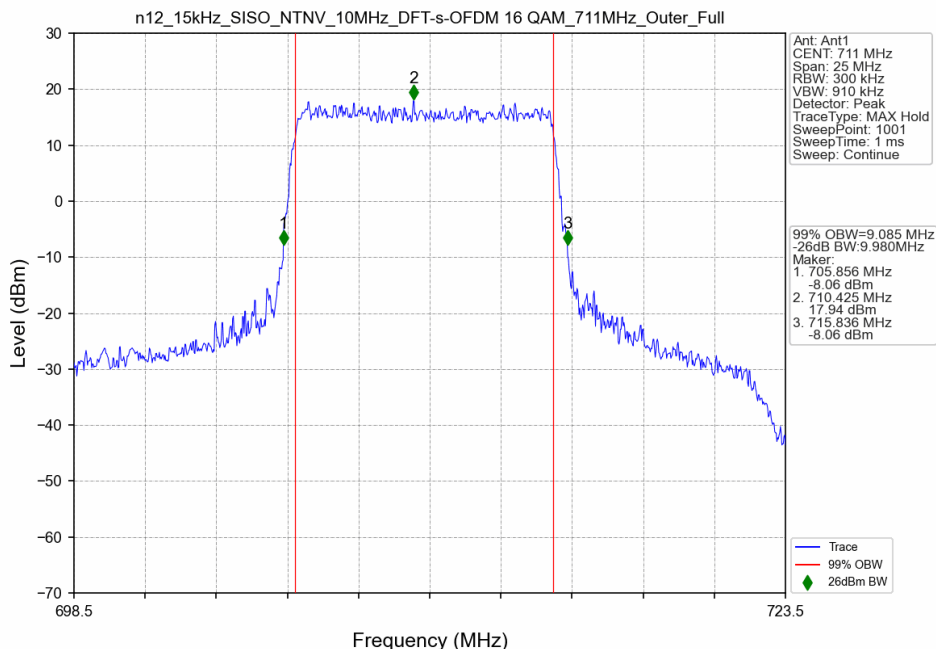


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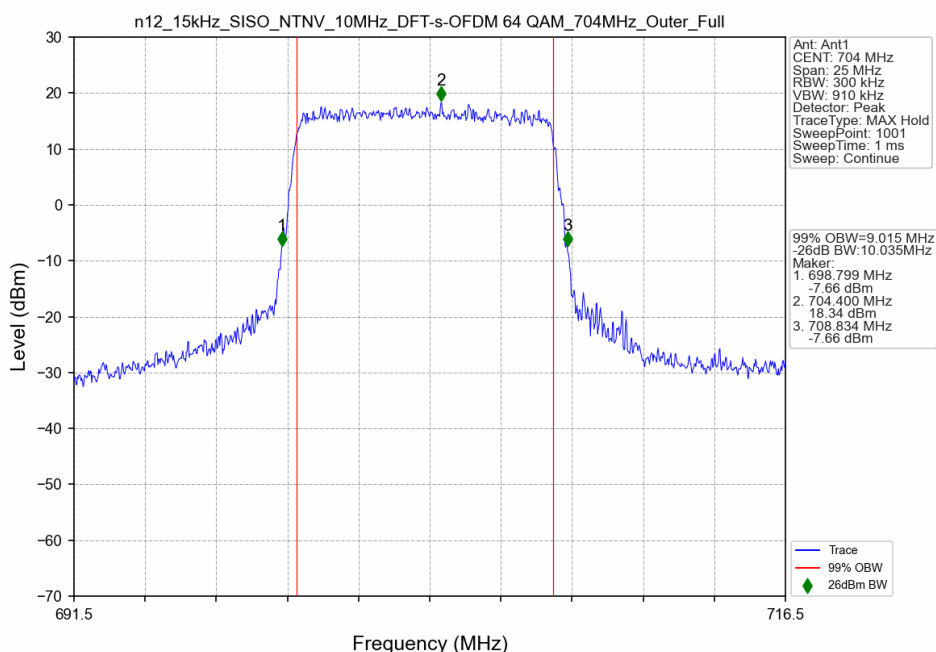
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n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_711MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_704MHz_Outer_Full

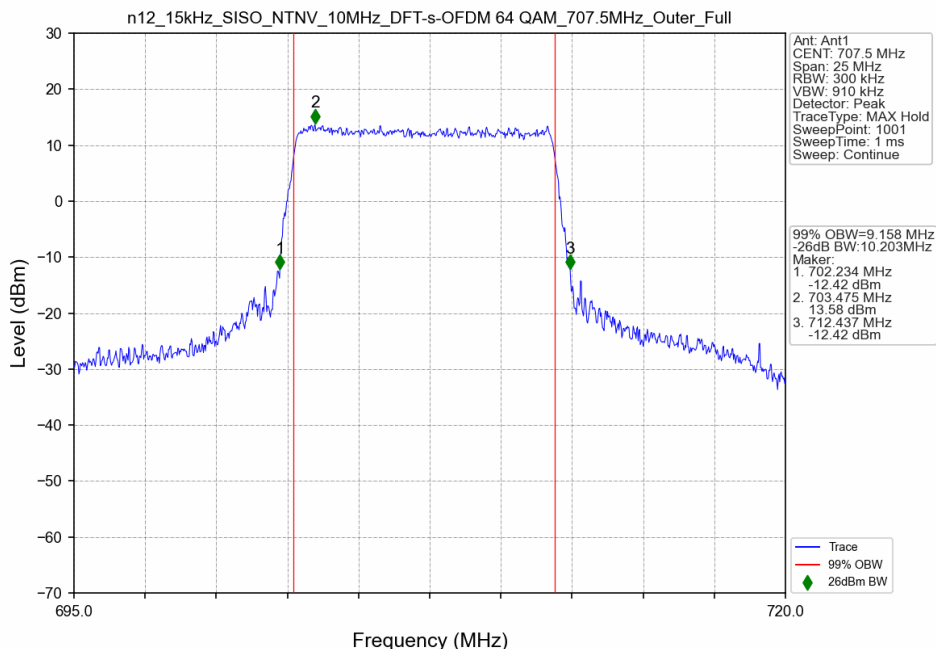


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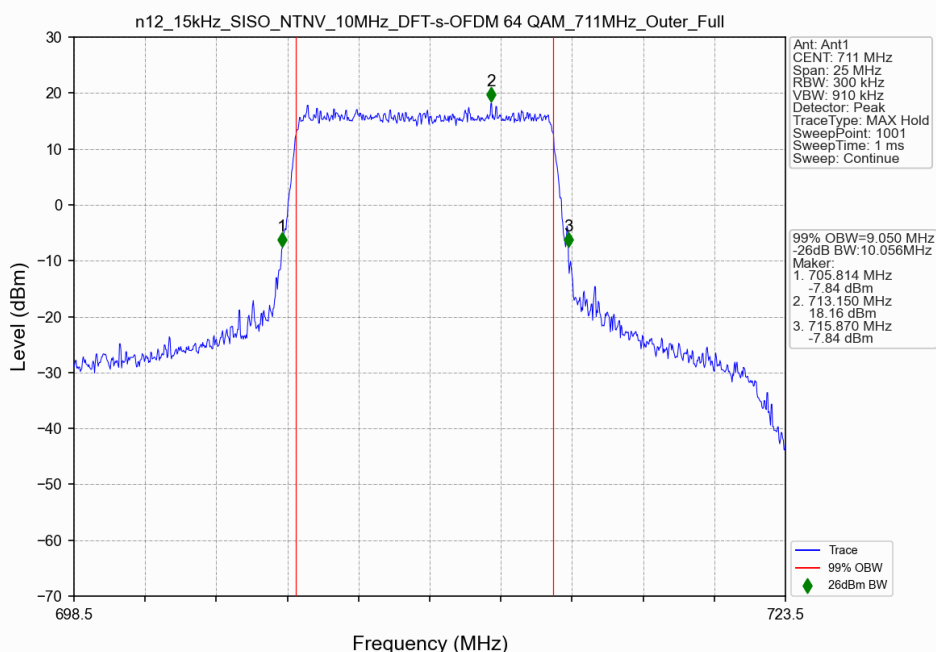
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n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_707.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_711MHz_Outer_Full



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