

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 15k\_SISO\_5MHz\_NTNV\_ERP

| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                    |                 |                 | Ant0                 | Ant2 | Sum | Ant0     | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK               | 816.5           | Edge_1RB_Left   | 25.10                | /    | /   | 18.85    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.66                | /    | /   | 18.41    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 25.15                | /    | /   | 18.90    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.32                | /    | /   | 19.07    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.11                | /    | /   | 18.86    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.23                | /    | /   | 18.98    | /    | /   | <=38.45 | Pass    |
|                                    | 819             | Edge_1RB_Left   | 24.57                | /    | /   | 18.32    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.95                | /    | /   | 18.70    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 24.60                | /    | /   | 18.35    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.19                | /    | /   | 18.94    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.09                | /    | /   | 18.84    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.09                | /    | /   | 18.84    | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 24.58                | /    | /   | 18.33    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.85                | /    | /   | 18.60    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 24.54                | /    | /   | 18.29    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.25                | /    | /   | 19.00    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.05                | /    | /   | 18.80    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.09                | /    | /   | 18.84    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                    | 816.5           | Edge_1RB_Left   | 24.09                | /    | /   | 17.84    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.34                | /    | /   | 18.09    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 24.14                | /    | /   | 17.89    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.42                | /    | /   | 19.17    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.40                | /    | /   | 19.15    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.17                | /    | /   | 18.92    | /    | /   | <=38.45 | Pass    |
|                                    | 819             | Edge_1RB_Left   | 24.13                | /    | /   | 17.88    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.08                | /    | /   | 17.83    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 24.17                | /    | /   | 17.92    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.23                | /    | /   | 18.98    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.13                | /    | /   | 18.88    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.06                | /    | /   | 18.81    | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 24.13                | /    | /   | 17.88    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 24.02                | /    | /   | 17.77    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 24.13                | /    | /   | 17.88    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 25.20                | /    | /   | 18.95    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 25.09                | /    | /   | 18.84    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 25.07                | /    | /   | 18.82    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM 16 QAM                  | 816.5           | Edge_1RB_Left   | 23.16                | /    | /   | 16.91    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 23.16                | /    | /   | 16.91    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.19                | /    | /   | 16.94    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.32                | /    | /   | 18.07    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 24.21                | /    | /   | 17.96    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 24.10                | /    | /   | 17.85    | /    | /   | <=38.45 | Pass    |
|                                    | 819             | Edge_1RB_Left   | 22.90                | /    | /   | 16.65    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 23.01                | /    | /   | 16.76    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.17                | /    | /   | 16.92    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.06                | /    | /   | 17.81    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 24.06                | /    | /   | 17.81    | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.98                | /    | /   | 17.73    | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 22.99                | /    | /   | 16.74    | /    | /   | <=38.45 | Pass    |

|                    |       |                 |       |   |   |       |   |   |         |      |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |       | Edge_1RB_Right  | 22.97 | / | / | 16.72 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 23.16 | / | / | 16.91 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 24.09 | / | / | 17.84 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.96 | / | / | 17.71 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.97 | / | / | 17.72 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 64 QAM  | 816.5 | Edge_1RB_Left   | 22.84 | / | / | 16.59 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.72 | / | / | 16.47 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.73 | / | / | 16.48 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.75 | / | / | 16.50 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.76 | / | / | 16.51 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.79 | / | / | 16.54 | / | / | <=38.45 | Pass |
|                    | 819   | Edge_1RB_Left   | 22.49 | / | / | 16.24 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.63 | / | / | 16.38 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.60 | / | / | 16.35 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.59 | / | / | 16.34 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.56 | / | / | 16.31 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.61 | / | / | 16.36 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 22.75 | / | / | 16.50 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.59 | / | / | 16.34 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.65 | / | / | 16.40 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.60 | / | / | 16.35 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.72 | / | / | 16.47 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.60 | / | / | 16.35 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 816.5 | Edge_1RB_Left   | 20.37 | / | / | 14.12 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.37 | / | / | 14.12 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.70 | / | / | 14.45 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.87 | / | / | 14.62 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.41 | / | / | 14.16 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.40 | / | / | 14.15 | / | / | <=38.45 | Pass |
|                    | 819   | Edge_1RB_Left   | 20.21 | / | / | 13.96 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.25 | / | / | 14.00 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.79 | / | / | 14.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.77 | / | / | 14.52 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.33 | / | / | 14.08 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.40 | / | / | 14.15 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 20.22 | / | / | 13.97 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.12 | / | / | 13.87 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.67 | / | / | 14.42 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.67 | / | / | 14.42 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.26 | / | / | 14.01 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.17 | / | / | 13.92 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 816.5 | Edge_1RB_Left   | 22.19 | / | / | 15.94 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.20 | / | / | 15.95 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.45 | / | / | 16.20 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.78 | / | / | 17.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.95 | / | / | 17.70 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.99 | / | / | 17.74 | / | / | <=38.45 | Pass |
|                    | 819   | Edge_1RB_Left   | 22.27 | / | / | 16.02 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.14 | / | / | 15.89 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.17 | / | / | 15.92 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.84 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.92 | / | / | 17.67 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.92 | / | / | 17.67 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 22.43 | / | / | 16.18 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.16 | / | / | 15.91 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.32 | / | / | 16.07 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.81 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.79 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.82 | / | / | 17.57 | / | / | <=38.45 | Pass |

Note1: Antenna Gain: Ant0: -4.10dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.2 15k\_SISO\_10MHz\_NTNV\_ERP

| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                     |                 |                 | Ant0                 | Ant2 | Sum | Ant0     | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Edge_1RB_Left   | 24.96                | /    | /   | 18.71    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.02                | /    | /   | 18.77    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.63                | /    | /   | 18.38    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.48                | /    | /   | 19.23    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.26                | /    | /   | 19.01    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.58                | /    | /   | 19.33    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 24.59                | /    | /   | 18.34    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.12                | /    | /   | 18.87    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.62                | /    | /   | 18.37    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.67                | /    | /   | 19.42    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.63                | /    | /   | 19.38    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.63                | /    | /   | 19.38    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 25.05                | /    | /   | 18.80    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.06                | /    | /   | 18.81    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.68                | /    | /   | 18.43    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.24                | /    | /   | 18.99    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.66                | /    | /   | 19.41    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.58                | /    | /   | 19.33    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Edge_1RB_Left   | 24.52                | /    | /   | 18.27    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.23                | /    | /   | 17.98    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.13                | /    | /   | 17.88    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.29                | /    | /   | 19.04    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.41                | /    | /   | 19.16    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.22                | /    | /   | 18.97    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 24.55                | /    | /   | 18.30    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.61                | /    | /   | 18.36    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.57                | /    | /   | 18.32    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.73                | /    | /   | 19.48    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.70                | /    | /   | 19.45    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.77                | /    | /   | 19.52    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 24.18                | /    | /   | 17.93    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.14                | /    | /   | 17.89    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 24.11                | /    | /   | 17.86    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 25.28                | /    | /   | 19.03    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.27                | /    | /   | 19.02    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 25.22                | /    | /   | 18.97    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM 16 QAM                   | 819             | Edge_1RB_Left   | 23.02                | /    | /   | 16.77    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.14                | /    | /   | 16.89    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.15                | /    | /   | 16.90    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 24.08                | /    | /   | 17.83    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.02                | /    | /   | 17.77    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 24.05                | /    | /   | 17.80    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 23.12                | /    | /   | 16.87    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.96                | /    | /   | 16.71    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.59                | /    | /   | 17.34    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.99                | /    | /   | 17.74    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.11                | /    | /   | 17.86    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 24.01                | /    | /   | 17.76    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 23.07                | /    | /   | 16.82    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.94                | /    | /   | 16.69    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.08                | /    | /   | 16.83    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 24.03                | /    | /   | 17.78    | /    | /   | <=38.45 | Pass    |

|                    |     |                 |       |   |   |       |   |   |         |      |
|--------------------|-----|-----------------|-------|---|---|-------|---|---|---------|------|
| DFT-s-OFDM 64 QAM  |     | Inner_1RB_Left  | 24.01 | / | / | 17.76 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 24.00 | / | / | 17.75 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 23.07 | / | / | 16.82 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 23.12 | / | / | 16.87 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.59 | / | / | 16.34 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.98 | / | / | 16.73 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 23.13 | / | / | 16.88 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 23.15 | / | / | 16.90 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 22.81 | / | / | 16.56 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 22.66 | / | / | 16.41 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.57 | / | / | 16.32 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.62 | / | / | 16.37 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 22.71 | / | / | 16.46 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 22.62 | / | / | 16.37 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 22.66 | / | / | 16.41 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 23.09 | / | / | 16.84 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.99 | / | / | 16.74 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 23.14 | / | / | 16.89 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 22.66 | / | / | 16.41 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 23.11 | / | / | 16.86 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 819 | Edge_1RB_Left   | 20.05 | / | / | 13.80 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 19.90 | / | / | 13.65 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.06 | / | / | 14.81 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 21.09 | / | / | 14.84 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 20.44 | / | / | 14.19 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 20.55 | / | / | 14.30 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 19.98 | / | / | 13.73 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 19.97 | / | / | 13.72 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 20.82 | / | / | 14.57 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 20.62 | / | / | 14.37 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 20.03 | / | / | 13.78 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 20.00 | / | / | 13.75 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 20.10 | / | / | 13.85 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 20.06 | / | / | 13.81 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.11 | / | / | 14.86 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 20.73 | / | / | 14.48 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 20.12 | / | / | 13.87 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 20.11 | / | / | 13.86 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 819 | Edge_1RB_Left   | 22.15 | / | / | 15.90 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 22.17 | / | / | 15.92 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.19 | / | / | 15.94 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 23.62 | / | / | 17.37 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 23.81 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 23.92 | / | / | 17.67 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 22.25 | / | / | 16.00 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 22.20 | / | / | 15.95 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.18 | / | / | 15.93 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 23.69 | / | / | 17.44 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 23.85 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 23.87 | / | / | 17.62 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 22.24 | / | / | 15.99 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 22.13 | / | / | 15.88 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.19 | / | / | 15.94 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 23.75 | / | / | 17.50 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 23.95 | / | / | 17.70 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 23.82 | / | / | 17.57 | / | / | <=38.45 | Pass |
| CP-OFDM 16 QAM     | 819 | Edge_1RB_Left   | 22.01 | / | / | 15.76 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 22.05 | / | / | 15.80 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 22.12 | / | / | 15.87 | / | / | <=38.45 | Pass |

|                                                                                  |       |                 |       |       |       |       |         |         |         |      |
|----------------------------------------------------------------------------------|-------|-----------------|-------|-------|-------|-------|---------|---------|---------|------|
|                                                                                  |       | Inner_Full      | 23.16 | /     | /     | 16.91 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 23.13 | /     | /     | 16.88 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 23.20 | /     | /     | 16.95 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 22.04 | /     | /     | 15.79 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 22.03 | /     | /     | 15.78 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 22.23 | /     | /     | 15.98 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 23.16 | /     | /     | 16.91 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 23.15 | /     | /     | 16.90 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 23.17 | /     | /     | 16.92 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 21.99 | /     | /     | 15.74 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 22.05 | /     | /     | 15.80 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 22.17 | /     | /     | 15.92 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 23.27 | /     | /     | 17.02 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 23.35 | /     | /     | 17.10 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 23.29 | /     | /     | 17.04 | /       | /       | <=38.45 | Pass |
| CP-OFDM 64 QAM                                                                   | 819   | Edge_1RB_Left   | 21.67 | /     | /     | 15.42 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 21.61 | /     | /     | 15.36 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 21.79 | /     | /     | 15.54 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 22.10 | /     | /     | 15.85 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 22.13 | /     | /     | 15.88 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 22.19 | /     | /     | 15.94 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 21.61 | /     | /     | 15.36 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 21.63 | /     | /     | 15.38 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 21.82 | /     | /     | 15.57 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 21.66 | /     | /     | 15.41 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 21.69 | /     | /     | 15.44 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 21.74 | /     | /     | 15.49 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 21.69 | /     | /     | 15.44 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 21.66 | /     | /     | 15.41 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 21.94 | /     | /     | 15.69 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 21.74 | /     | /     | 15.49 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 21.88 | /     | /     | 15.63 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 21.79 | /     | /     | 15.54 | /       | /       | <=38.45 | Pass |
| CP-OFDM 256 QAM                                                                  | 819   | Edge_1RB_Left   | 18.55 | /     | /     | 12.30 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 18.60 | /     | /     | 12.35 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 19.13 | /     | /     | 12.88 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 19.05 | /     | /     | 12.80 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 18.57 | /     | /     | 12.32 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 18.62 | /     | /     | 12.37 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 18.52 | /     | /     | 12.27 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 18.63 | /     | /     | 12.38 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 18.74 | /     | /     | 12.49 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_Full      | 18.76 | /     | /     | 12.51 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Left  | 18.54 | /     | /     | 12.29 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Inner_1RB_Right | 18.53 | /     | /     | 12.28 | /       | /       | <=38.45 | Pass |
|                                                                                  | 819   | Edge_1RB_Left   | 18.17 | /     | /     | 11.92 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Edge_1RB_Right  | 18.11 | /     | /     | 11.86 | /       | /       | <=38.45 | Pass |
|                                                                                  |       | Outer_Full      | 18.67 | /     | /     | 12.42 | /       | /       | <=38.45 | Pass |
| Inner_Full                                                                       |       | 18.69           | /     | /     | 12.44 | /     | /       | <=38.45 | Pass    |      |
| Inner_1RB_Left                                                                   |       | 18.18           | /     | /     | 11.93 | /     | /       | <=38.45 | Pass    |      |
| Inner_1RB_Right                                                                  | 18.12 | /               | /     | 11.87 | /     | /     | <=38.45 | Pass    |         |      |
| Note1: Antenna Gain: Ant0: -4.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |       |                 |       |       |       |       |         |         |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 15k\_SISO\_10MHz

| 5G NR n26a SCS=15kHz SISO 10MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 819             | Outer_Full    | 20         | LV    | 0.60             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -6.00            | -0.0073               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -9.20            | -0.0112               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -5.20            | -0.0063               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -5.40            | -0.0066               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -5.00            | -0.0061               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -6.50            | -0.0079               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -4.90            | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -6.60            | -0.0081               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -1.80            | -0.0022               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -2.80            | -0.0034               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 819             | Outer_Full    | 20         | LV    | -3.30            | -0.0040               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -3.30            | -0.0040               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -4.40            | -0.0054               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -4.90            | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -1.60            | -0.0020               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -3.10            | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -4.90            | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -6.80            | -0.0083               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -3.10            | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -7.00            | -0.0085               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -1.90            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 819             | Outer_Full    | 20         | LV    | -5.00            | -0.0061               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -2.60            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -5.10            | -0.0062               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -5.80            | -0.0071               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -6.70            | -0.0082               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -2.60            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -2.10            | -0.0026               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -6.70            | -0.0082               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -6.10            | -0.0074               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -5.40            | -0.0066               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -6.30            | -0.0077               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM               | 819             | Outer_Full    | 20         | LV    | 3.50             | 0.0043                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 1.50             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -3.40            | -0.0042               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -1.90            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -4.20            | -0.0051               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 4.30             | 0.0053                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 2.60             | 0.0032                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 2.20             | 0.0027                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -3.20            | -0.0039               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -4.90            | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -0.80            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 256 QAM              | 819             | Outer_Full    | 20         | LV    | -3.80            | -0.0046               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 0.70             | 0.0009                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -7.40            | -0.0090               | >=-2.5 & <=2.5 | Pass    |

|                 |     |            |     |    |        |         |                          |      |
|-----------------|-----|------------|-----|----|--------|---------|--------------------------|------|
|                 |     |            | -20 | NV | -3.60  | -0.0044 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -10 | NV | -1.90  | -0.0023 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 0   | NV | -3.10  | -0.0038 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 10  | NV | -6.00  | -0.0073 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 20  | NV | -4.80  | -0.0059 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 30  | NV | -5.60  | -0.0068 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 40  | NV | 1.80   | 0.0022  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 50  | NV | -1.10  | -0.0013 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
| CP-OFDM QPSK    | 819 | Outer_Full | 20  | LV | 4.20   | 0.0051  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            |     | HV | 4.70   | 0.0057  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -30 | NV | 3.10   | 0.0038  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -20 | NV | -4.50  | -0.0055 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -10 | NV | -3.70  | -0.0045 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 0   | NV | -6.70  | -0.0082 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 10  | NV | -2.80  | -0.0034 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 20  | NV | -3.90  | -0.0048 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 30  | NV | -1.50  | -0.0018 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 40  | NV | -3.30  | -0.0040 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
| CP-OFDM 16 QAM  | 819 | Outer_Full | 20  | LV | -2.60  | -0.0032 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            |     | HV | -6.00  | -0.0073 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -30 | NV | -9.20  | -0.0112 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -20 | NV | -2.70  | -0.0033 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -10 | NV | -3.50  | -0.0043 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 0   | NV | -9.60  | -0.0117 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 10  | NV | 3.10   | 0.0038  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 20  | NV | -3.50  | -0.0043 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 30  | NV | -7.40  | -0.0090 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 40  | NV | -6.70  | -0.0082 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
| CP-OFDM 64 QAM  | 819 | Outer_Full | 20  | LV | -3.40  | -0.0042 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            |     | HV | -8.00  | -0.0098 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -30 | NV | -5.80  | -0.0071 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -20 | NV | -6.50  | -0.0079 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -10 | NV | -10.50 | -0.0128 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 0   | NV | -7.20  | -0.0088 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 10  | NV | -7.20  | -0.0088 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 20  | NV | 1.30   | 0.0016  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 30  | NV | -6.60  | -0.0081 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 40  | NV | -7.20  | -0.0088 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
| CP-OFDM 256 QAM | 819 | Outer_Full | 20  | LV | 3.10   | 0.0038  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            |     | HV | -1.50  | -0.0018 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -30 | NV | 5.70   | 0.0070  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -20 | NV | 2.30   | 0.0028  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | -10 | NV | -4.50  | -0.0055 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 0   | NV | 2.80   | 0.0034  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 10  | NV | -6.20  | -0.0076 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 20  | NV | 1.00   | 0.0012  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 30  | NV | -5.40  | -0.0066 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            | 40  | NV | 6.10   | 0.0074  | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
| CP-OFDM 256 QAM | 819 | Outer_Full | 50  | NV | -4.90  | -0.0060 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |
|                 |     |            |     | NV | -4.90  | -0.0060 | $>=-2.5 \ \& \ \leq 2.5$ | Pass |



### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 15k\_SISO\_5MHz\_NTNV

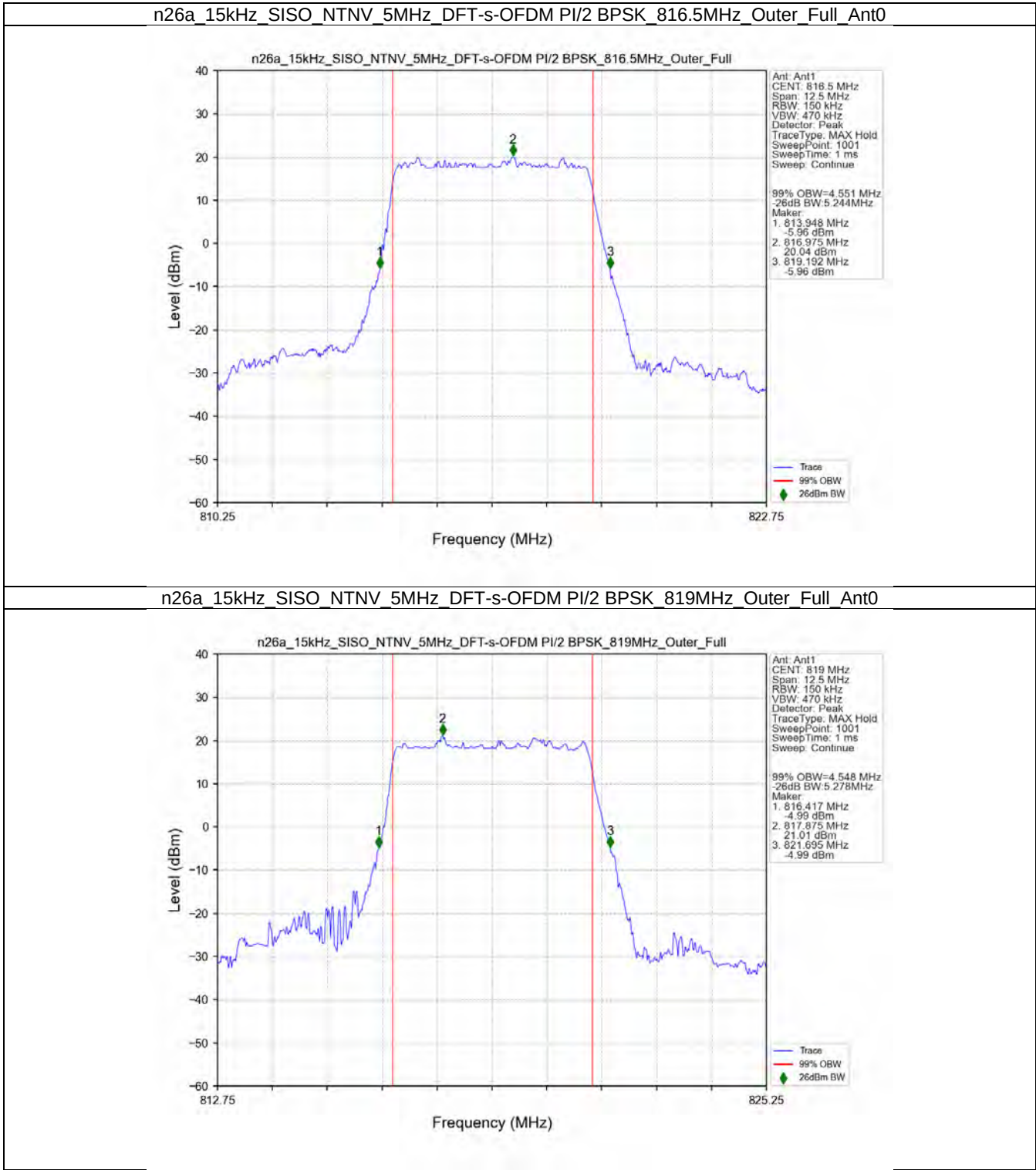
| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |               |                     |                      |             |         |
|------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK               | 816.5           | Outer_Full    | 4.55                | 5.24                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.55                | 5.28                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.56                | 5.26                 | /           | Pass    |
| DFT-s-OFDM QPSK                    | 816.5           | Outer_Full    | 4.53                | 5.25                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.52                | 5.23                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.54                | 5.25                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                  | 816.5           | Outer_Full    | 4.54                | 5.19                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.57                | 5.32                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.58                | 5.26                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                  | 816.5           | Outer_Full    | 4.55                | 5.23                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.54                | 5.24                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.53                | 5.17                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                 | 816.5           | Outer_Full    | 4.55                | 5.31                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.53                | 5.26                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.55                | 5.29                 | /           | Pass    |
| CP-OFDM QPSK                       | 816.5           | Outer_Full    | 4.53                | 5.33                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.56                | 5.37                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.54                | 5.33                 | /           | Pass    |
| CP-OFDM 16 QAM                     | 816.5           | Outer_Full    | 4.60                | 5.36                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.55                | 5.27                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.59                | 5.38                 | /           | Pass    |
| CP-OFDM 64 QAM                     | 816.5           | Outer_Full    | 4.55                | 5.33                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.57                | 5.37                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.55                | 5.36                 | /           | Pass    |
| CP-OFDM 256 QAM                    | 816.5           | Outer_Full    | 4.54                | 5.33                 | /           | Pass    |
|                                    | 819             | Outer_Full    | 4.56                | 5.39                 | /           | Pass    |
|                                    | 821.5           | Outer_Full    | 4.57                | 5.39                 | /           | Pass    |

### 3.1.2 15k\_SISO\_10MHz\_NTNV

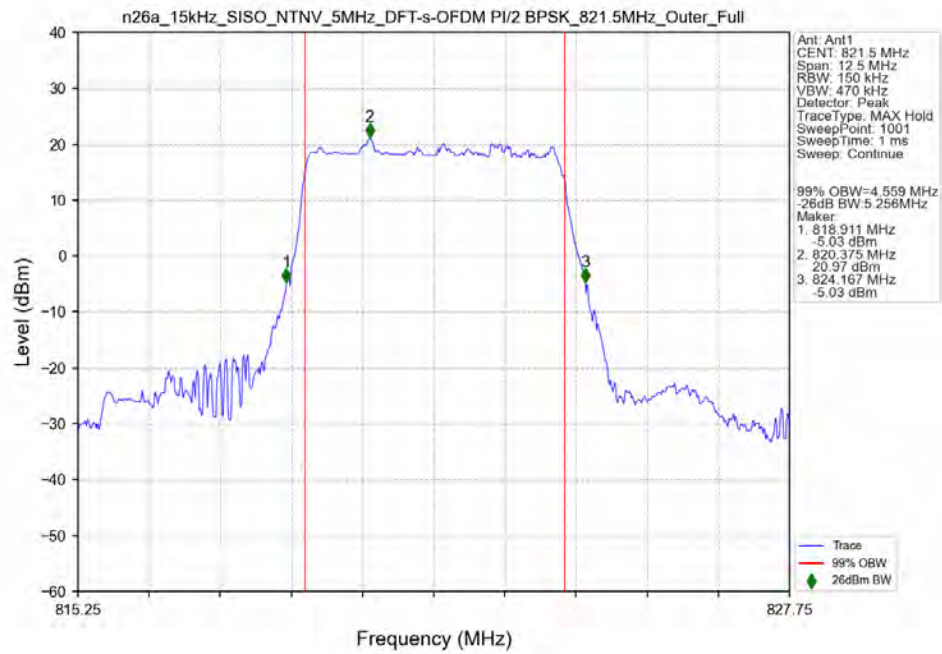
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 819             | Outer_Full    | 9.02                | 9.95                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.02                | 9.93                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.02                | 9.93                 | /           | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Outer_Full    | 9.05                | 9.97                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.06                | 9.97                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.05                | 10.01                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 819             | Outer_Full    | 9.04                | 9.95                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.05                | 9.95                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.05                | 9.91                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 819             | Outer_Full    | 9.03                | 9.97                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.02                | 9.95                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.02                | 10.01                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 819             | Outer_Full    | 9.04                | 9.93                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.02                | 9.95                 | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.04                | 9.91                 | /           | Pass    |
| CP-OFDM QPSK                        | 819             | Outer_Full    | 9.36                | 10.36                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.36                | 10.48                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.35                | 10.37                | /           | Pass    |
| CP-OFDM 16 QAM                      | 819             | Outer_Full    | 9.37                | 10.37                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.38                | 10.37                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.37                | 10.37                | /           | Pass    |
| CP-OFDM 64 QAM                      | 819             | Outer_Full    | 9.33                | 10.34                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.33                | 10.27                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.33                | 10.42                | /           | Pass    |
| CP-OFDM 256 QAM                     | 819             | Outer_Full    | 9.39                | 10.36                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.38                | 10.34                | /           | Pass    |
|                                     | 819             | Outer_Full    | 9.38                | 10.36                | /           | Pass    |

3.2 Test Graph

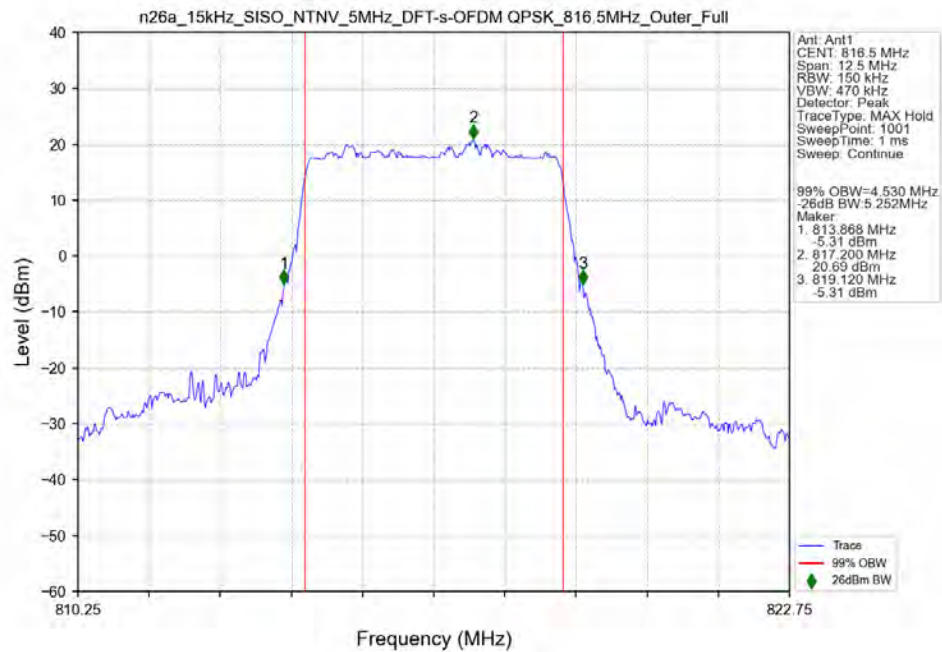
3.2.1 15k\_SISO\_5MHz\_NTNV



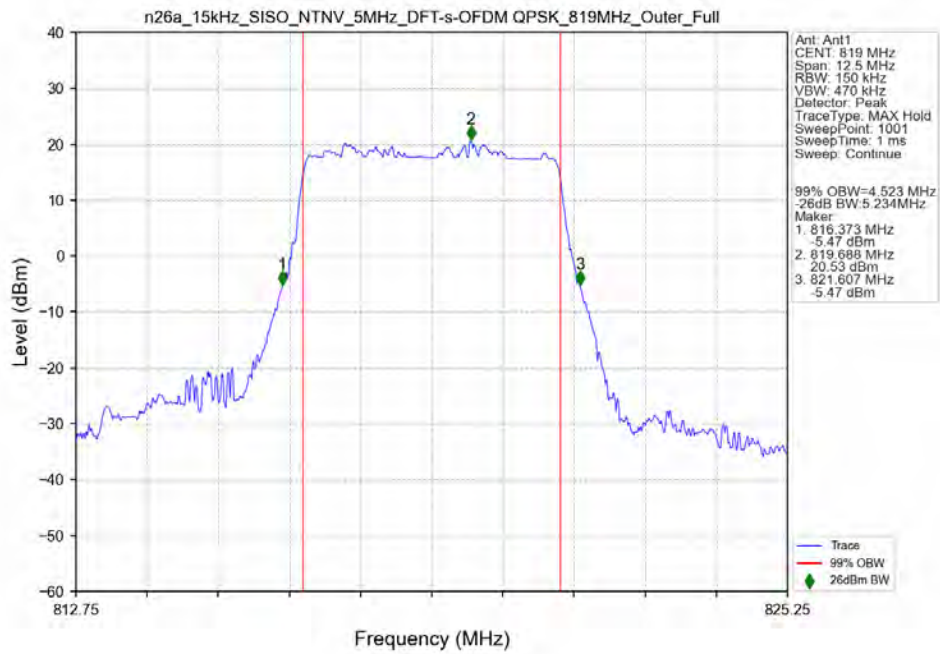
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Outer\_Full\_Ant0



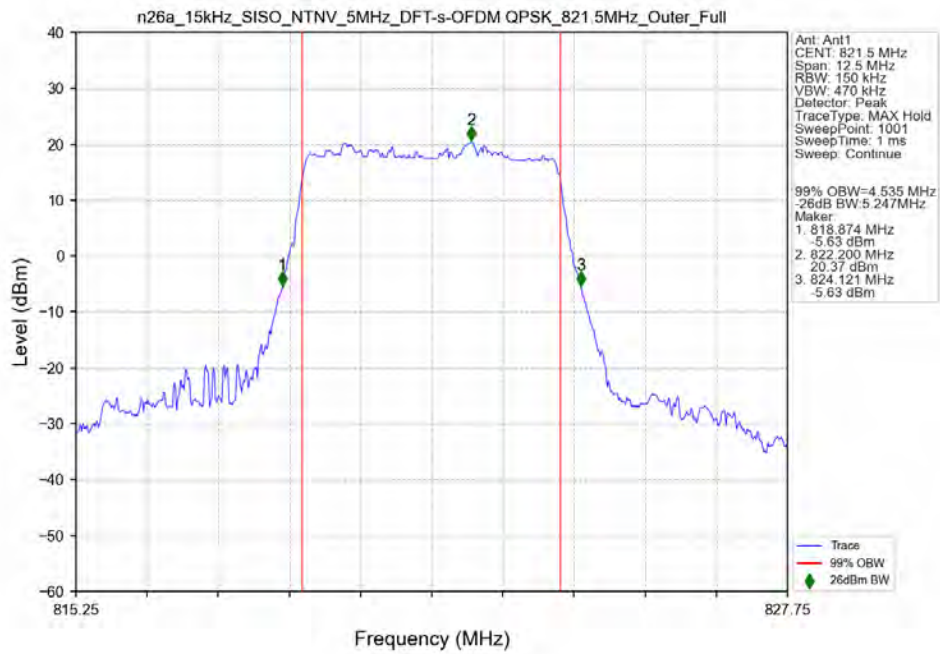
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_816.5MHz\_Outer\_Full\_Ant0



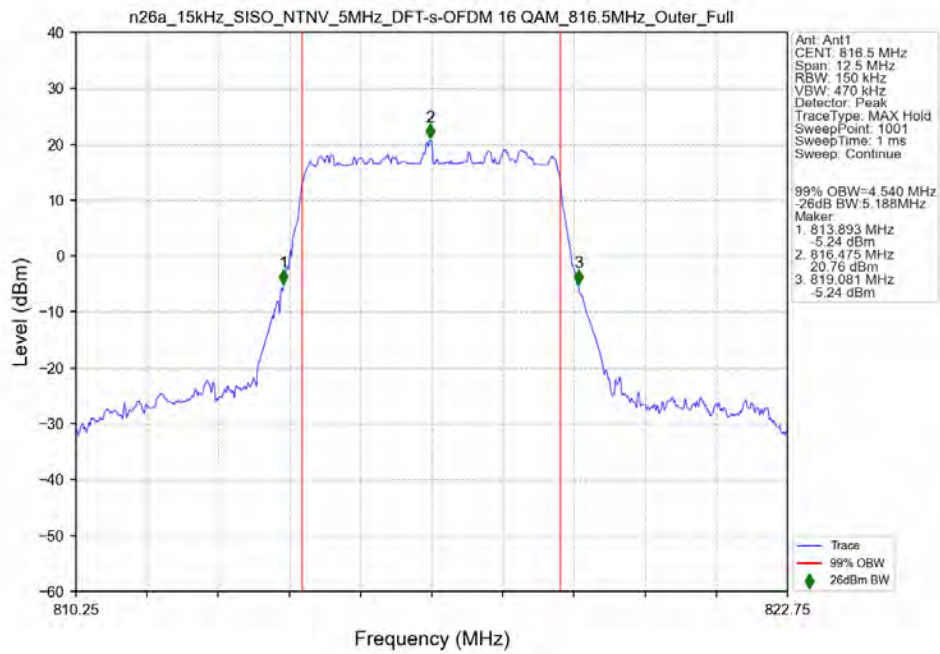
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



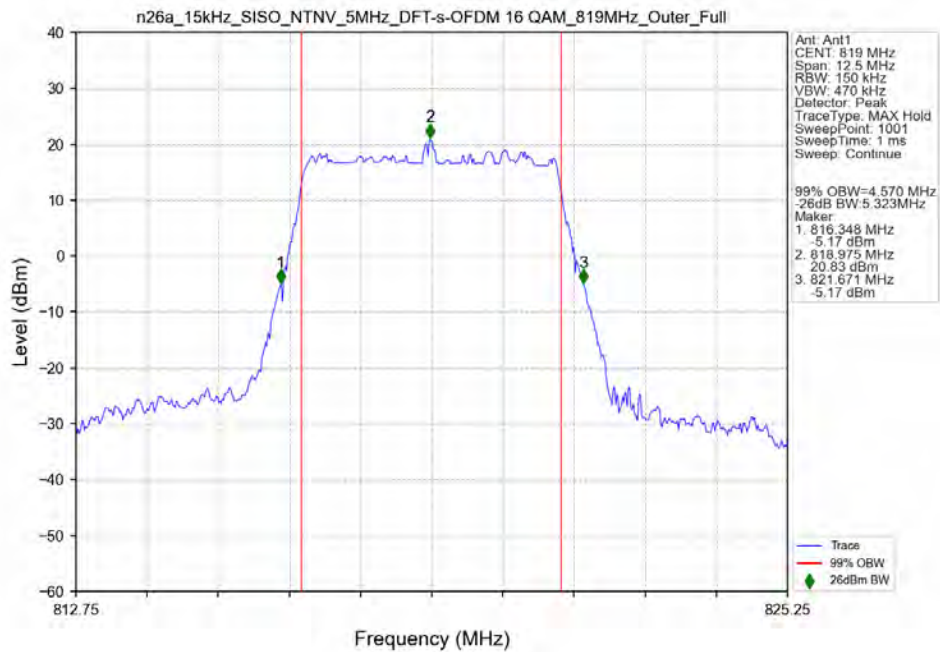
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Outer\_Full\_Ant0



n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_816.5MHz\_Outer\_Full\_Ant0

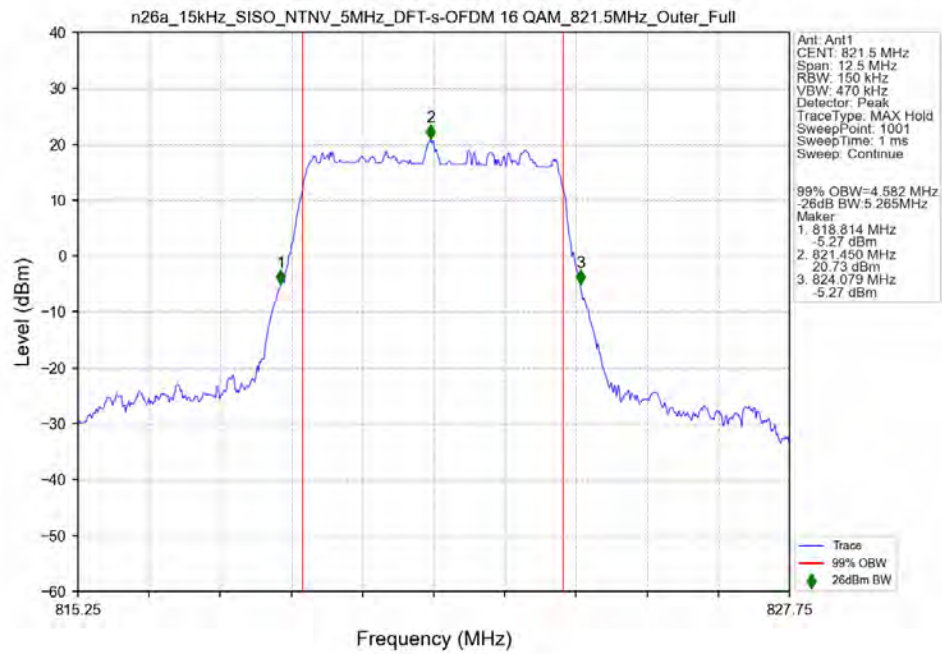


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0

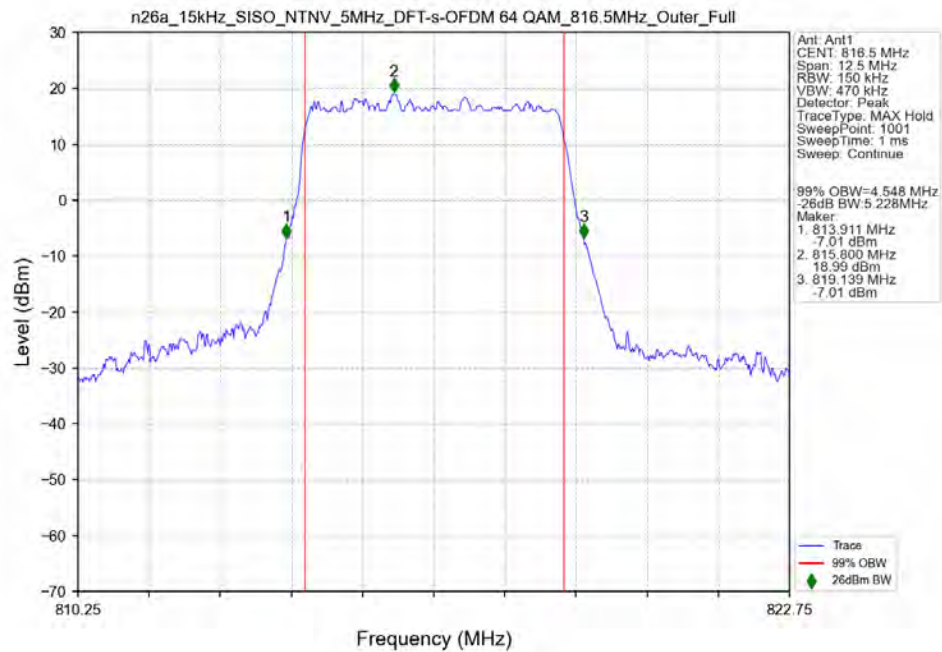




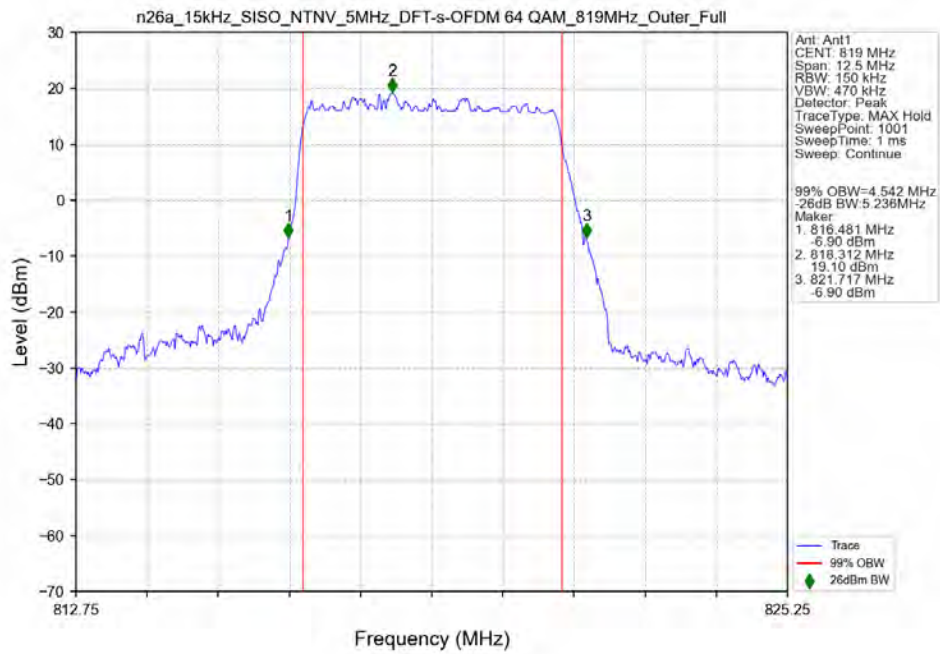
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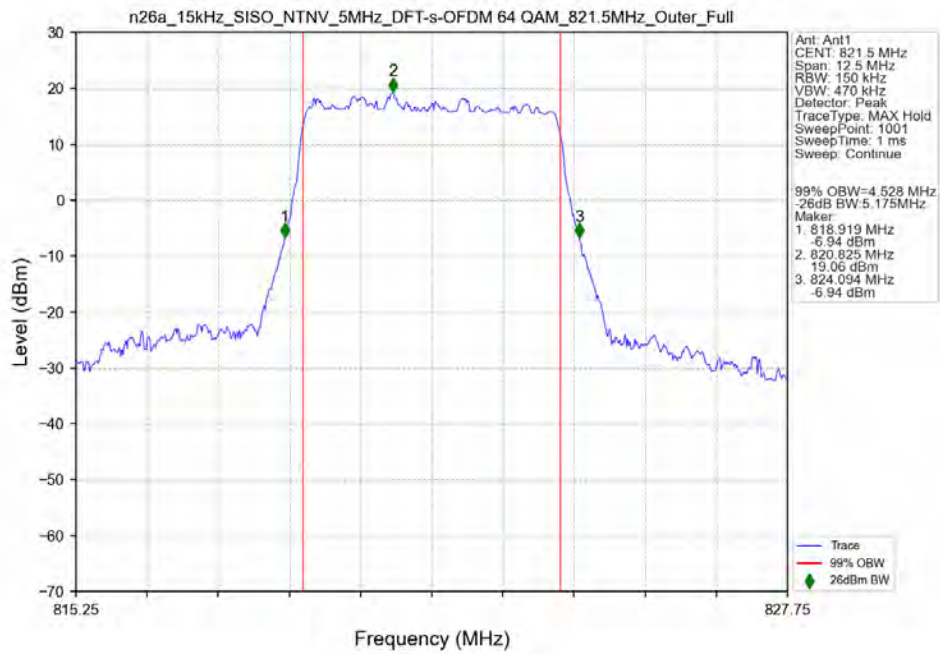
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n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0

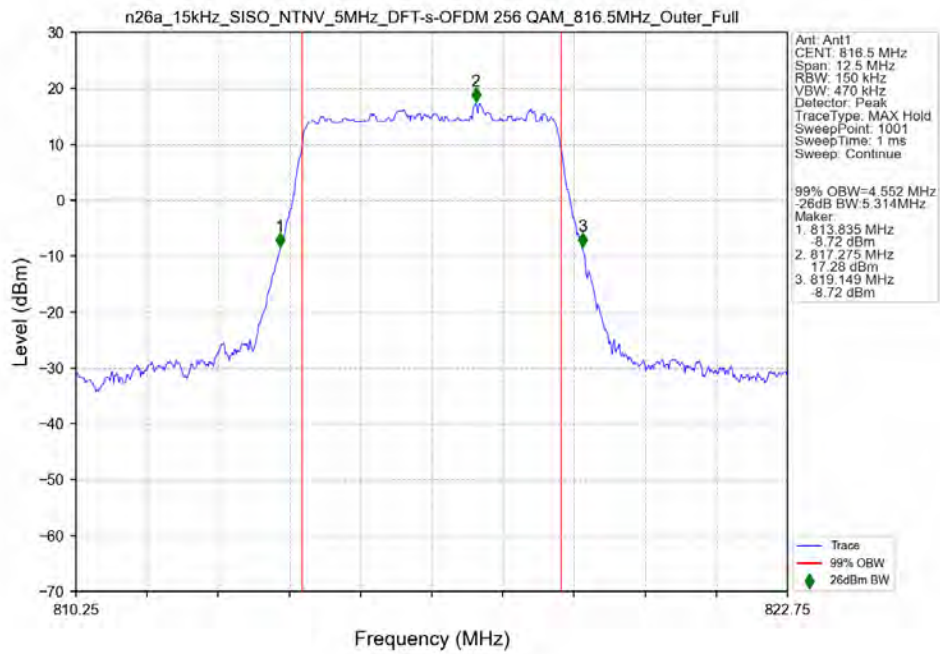


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_64\_QAM\_821.5MHz\_Outer\_Full\_Ant0

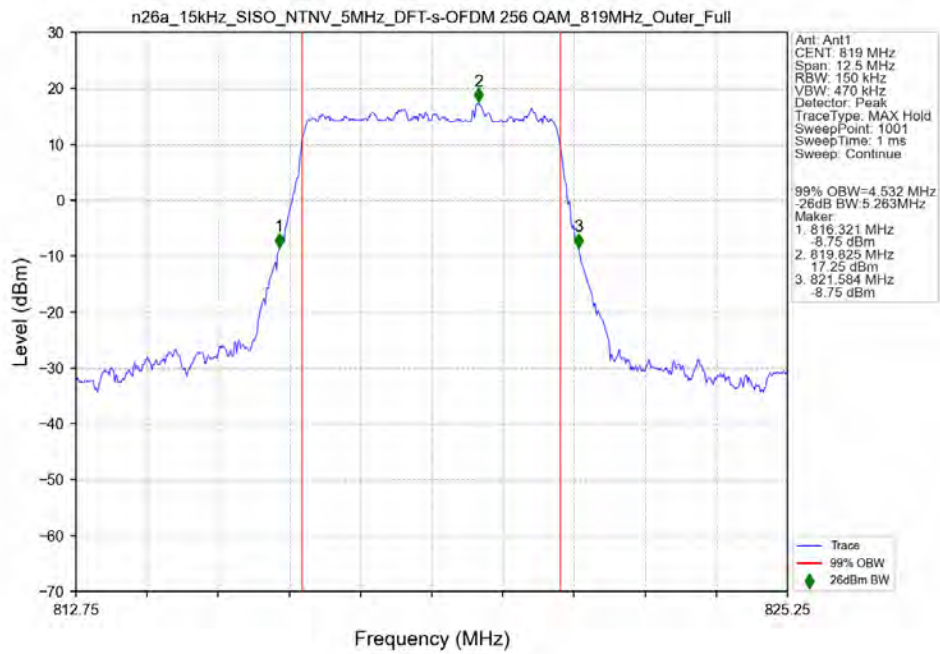




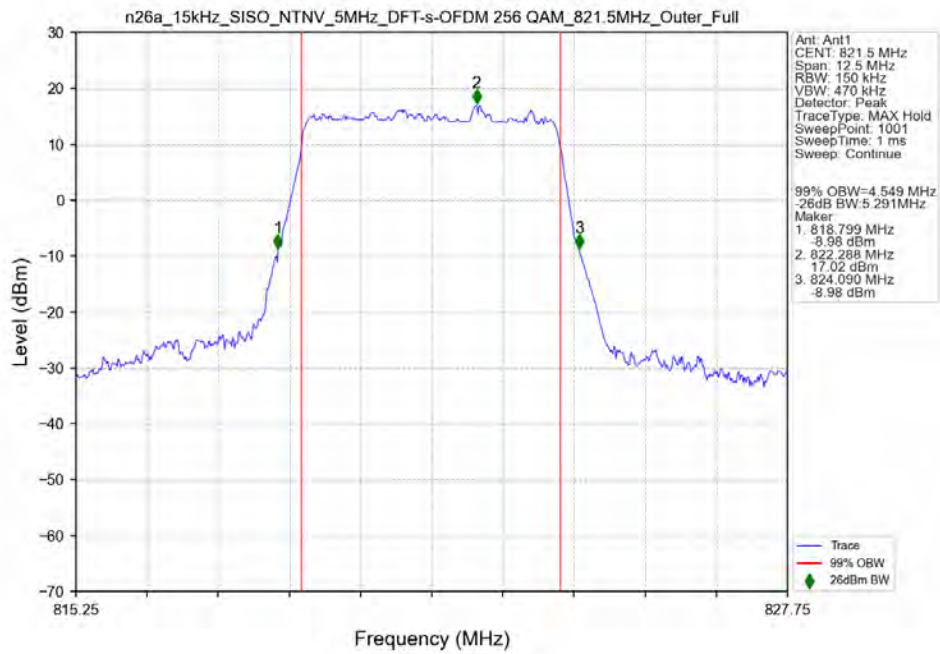
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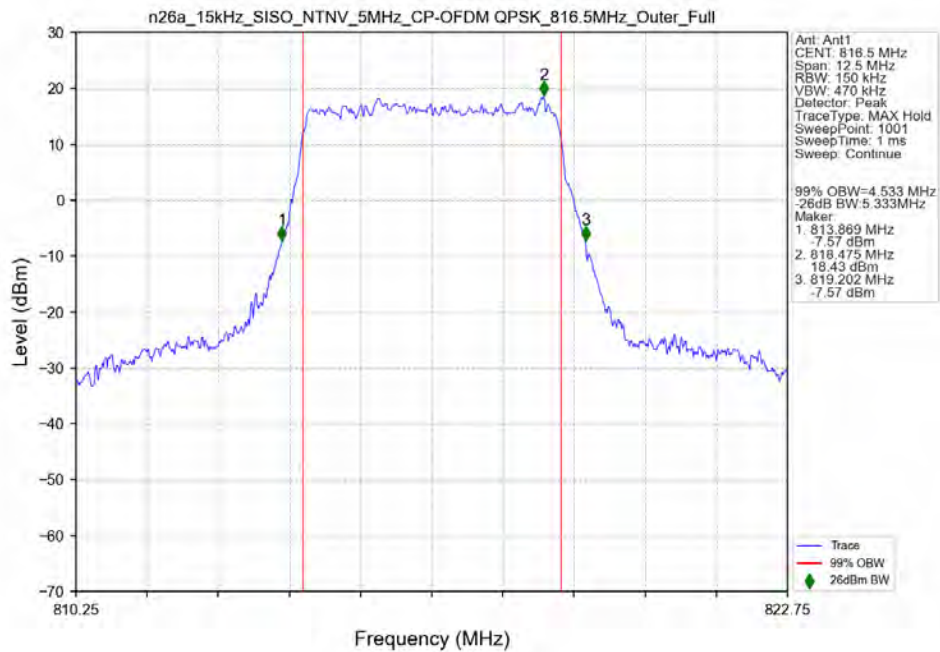
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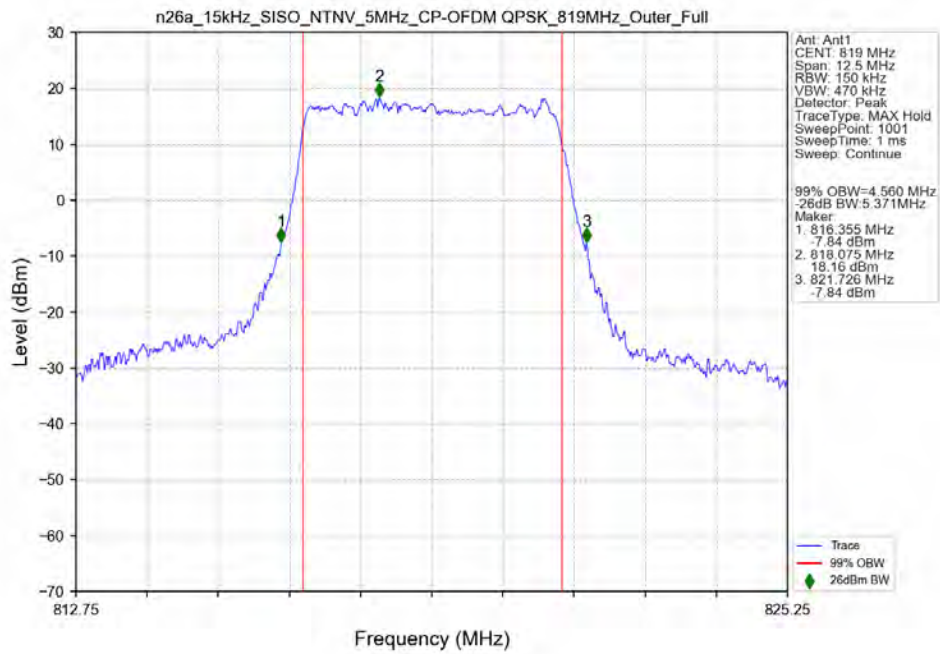
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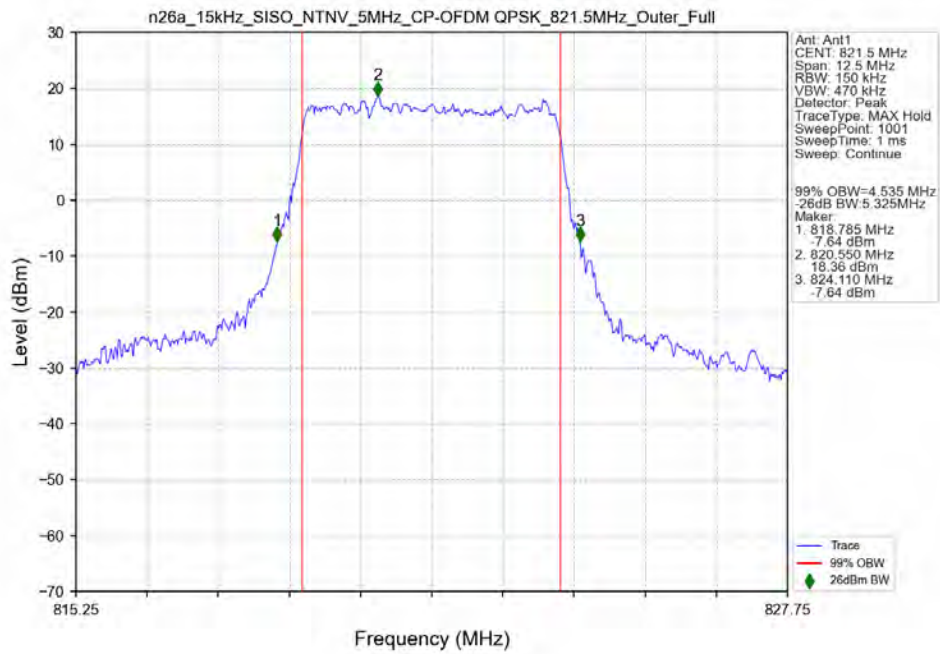
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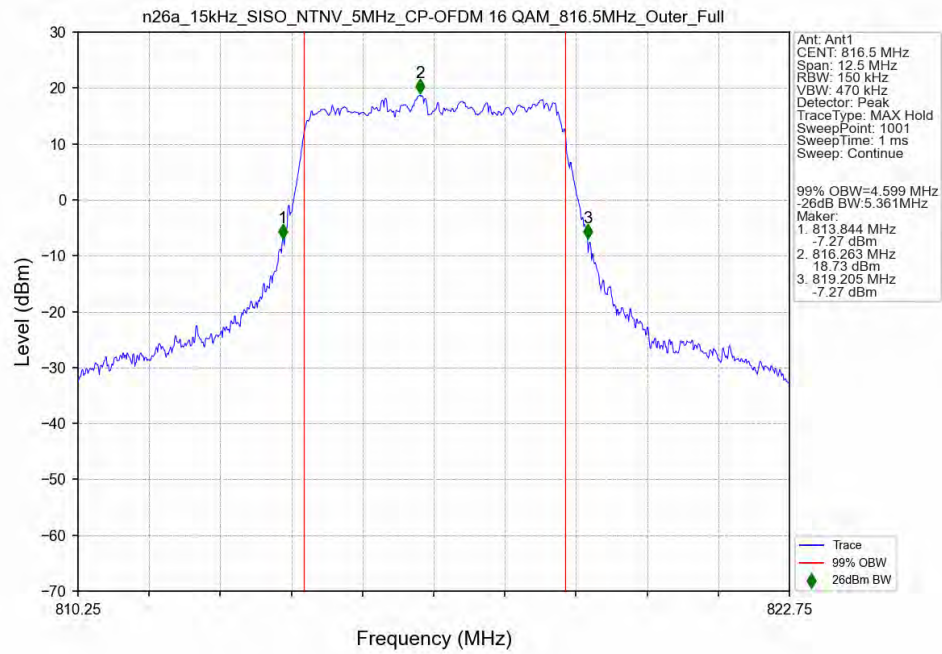
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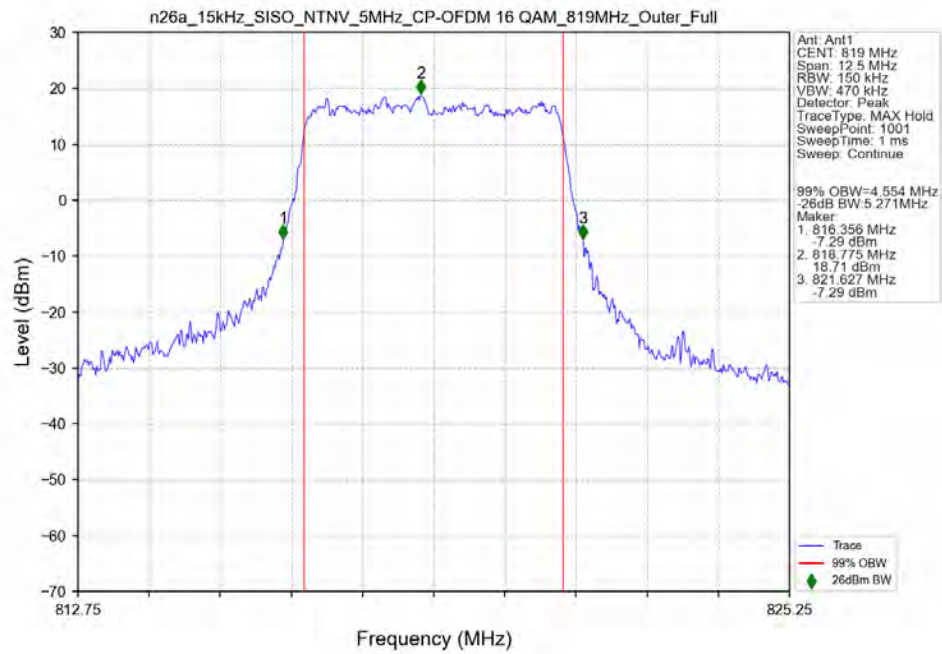
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Outer\_Full\_Ant0



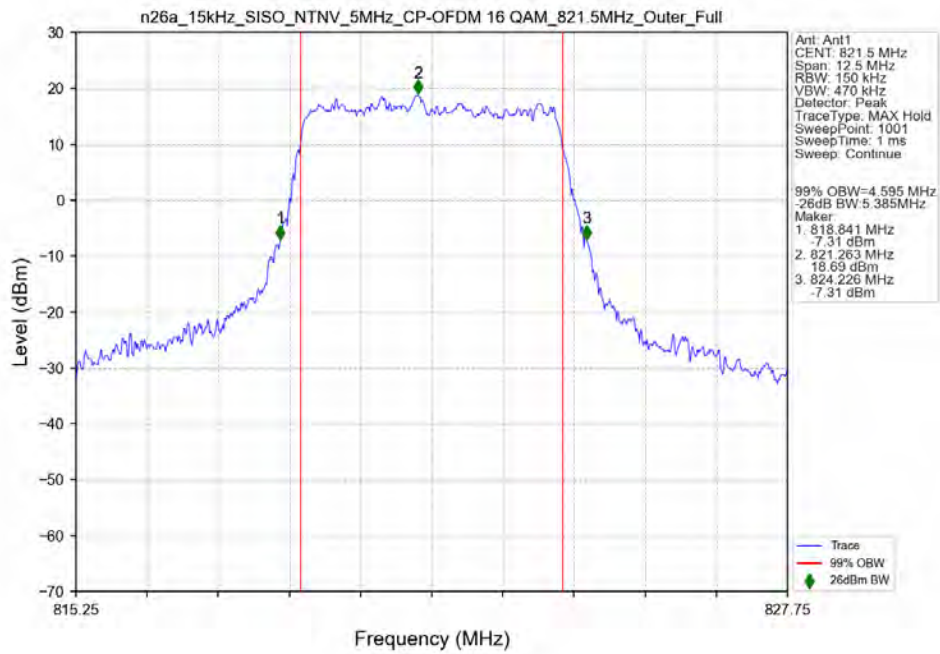
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_816.5MHz\_Outer\_Full\_Ant0



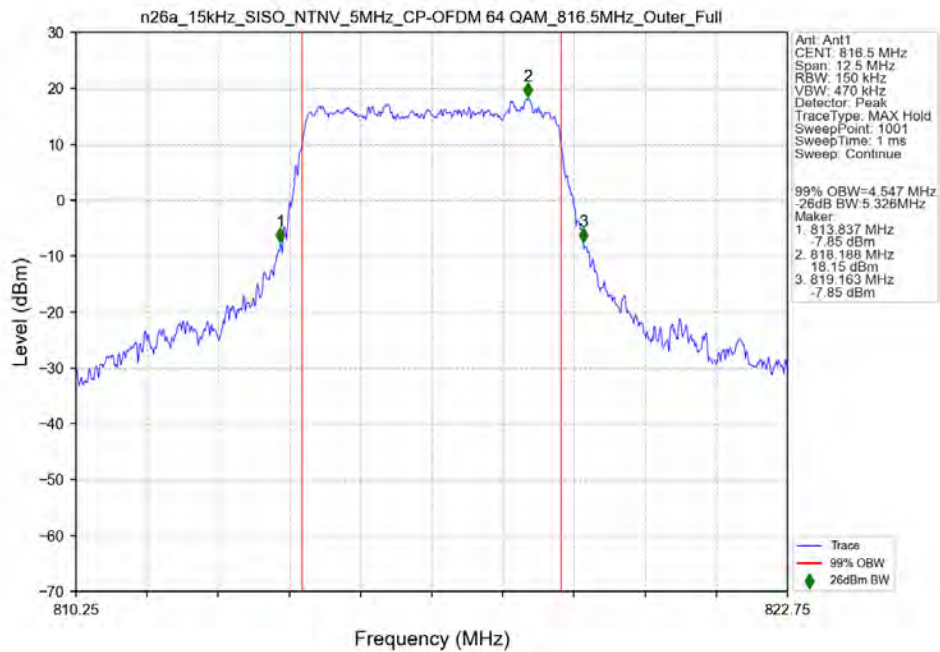
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0



n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_821.5MHz\_Outer\_Full\_Ant0

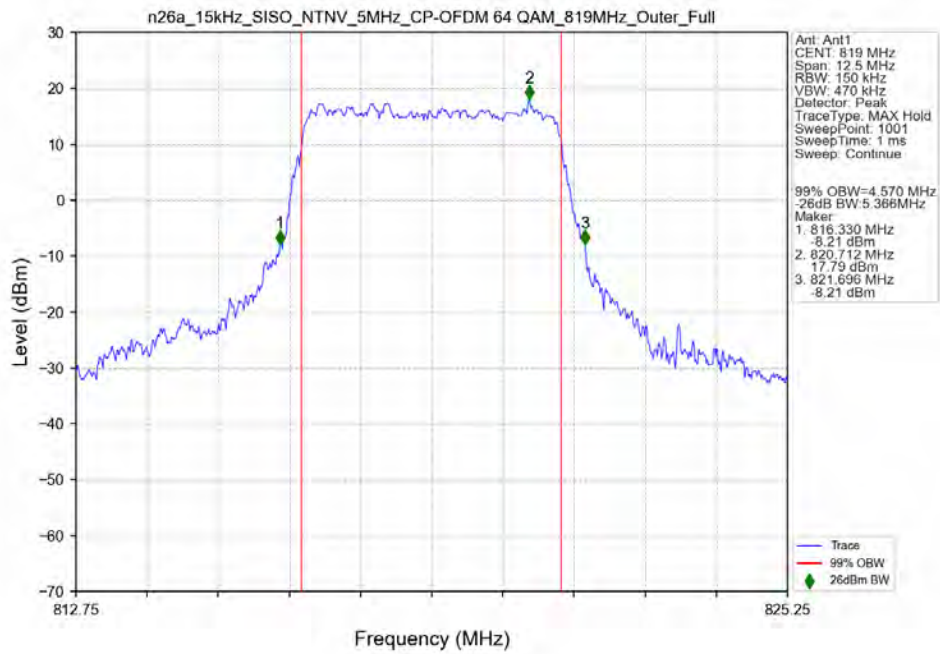


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_64\_QAM\_816.5MHz\_Outer\_Full\_Ant0

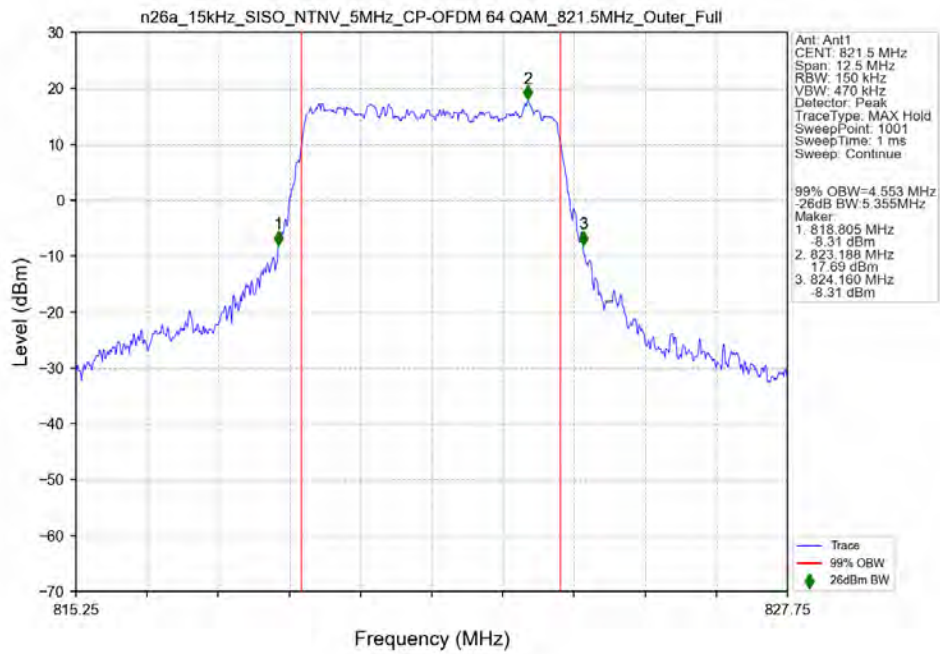




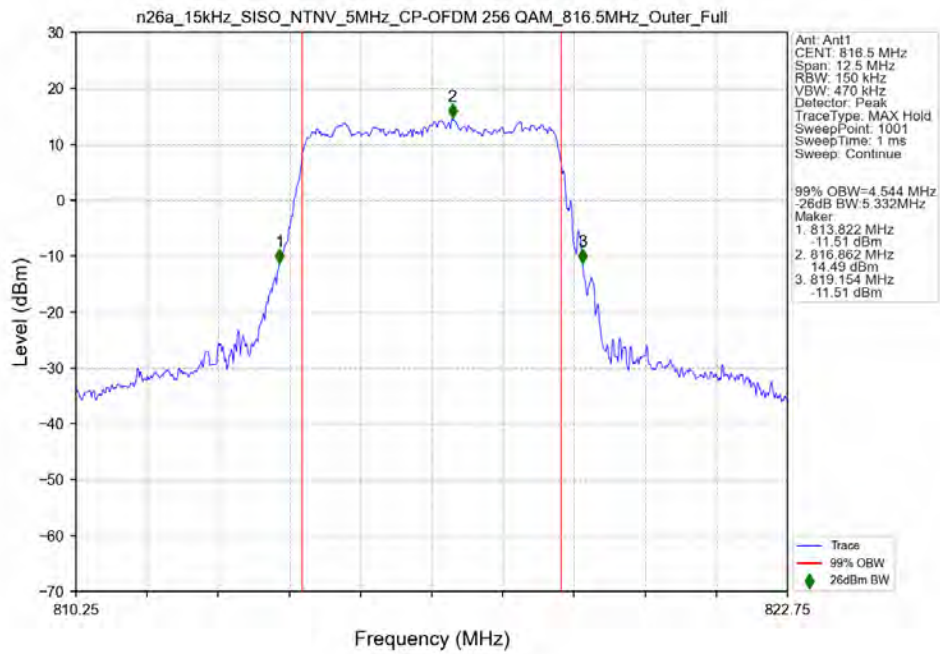
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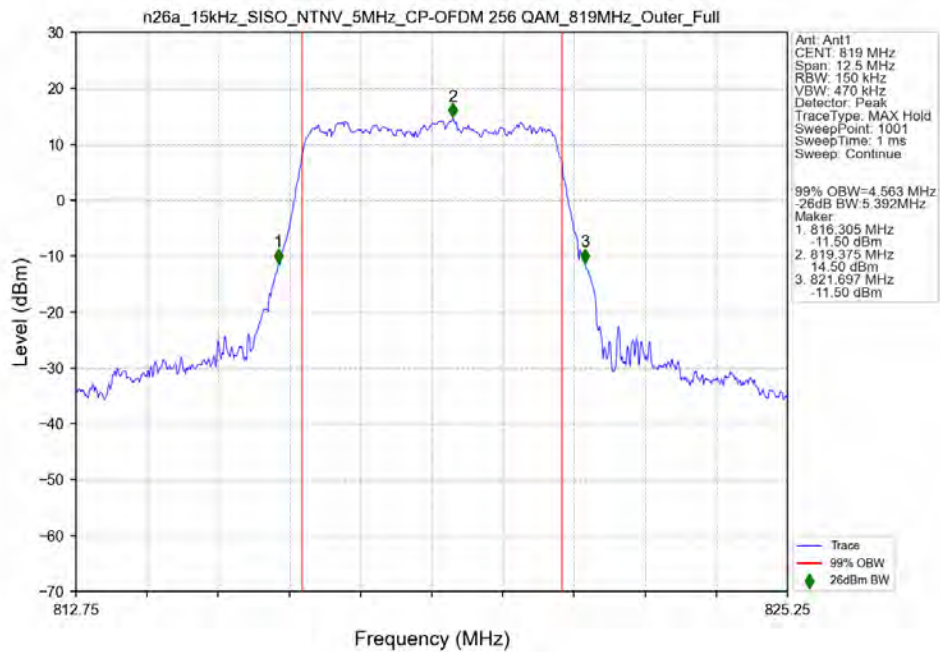
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_64\_QAM\_821.5MHz\_Outer\_Full\_Ant0



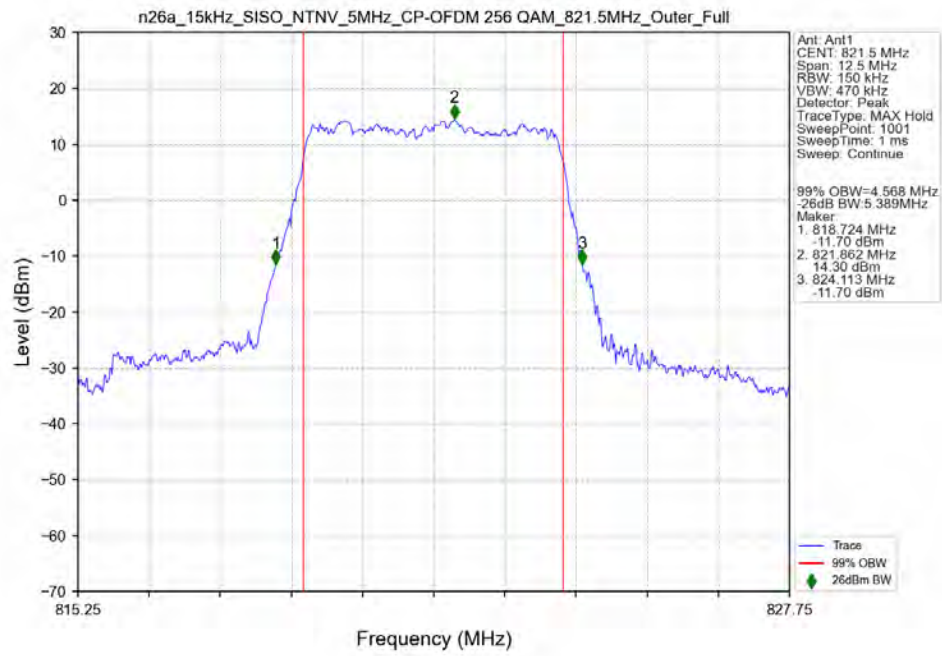
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_816.5MHz\_Outer\_Full\_Ant0



n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_819MHz\_Outer\_Full\_Ant0

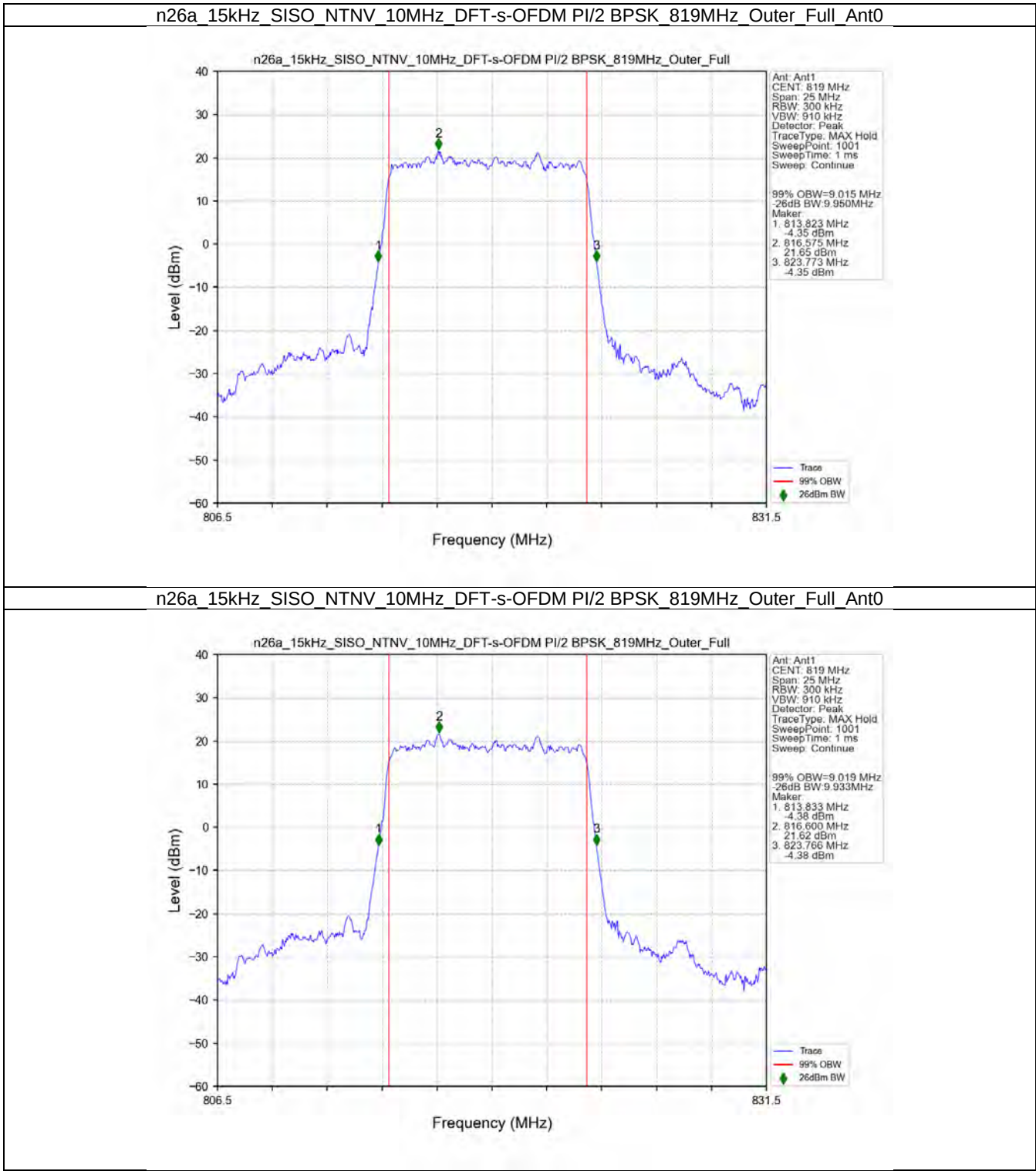


n26a 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 821.5MHz Outer Full Ant0

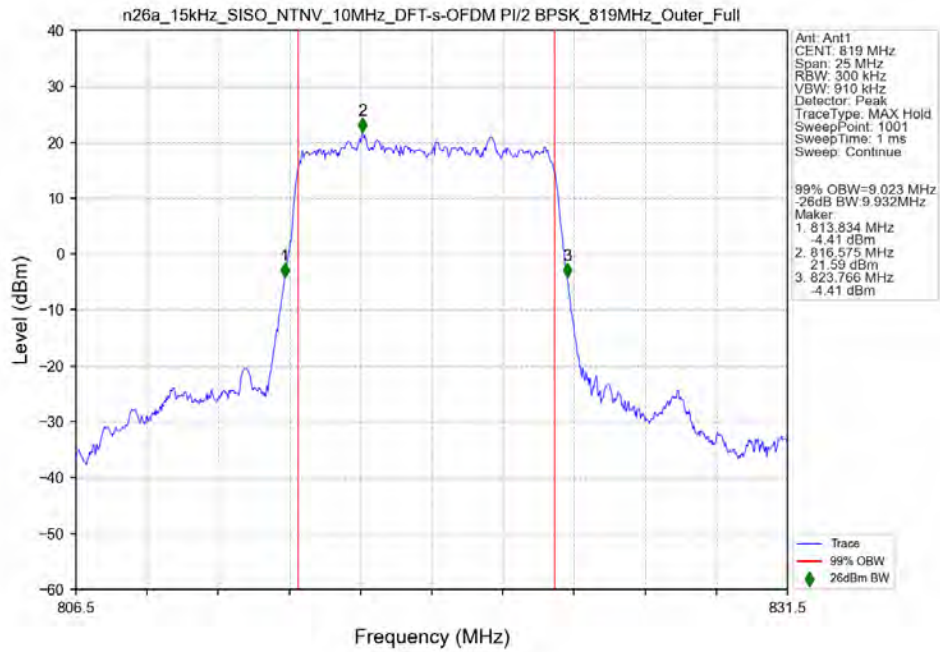




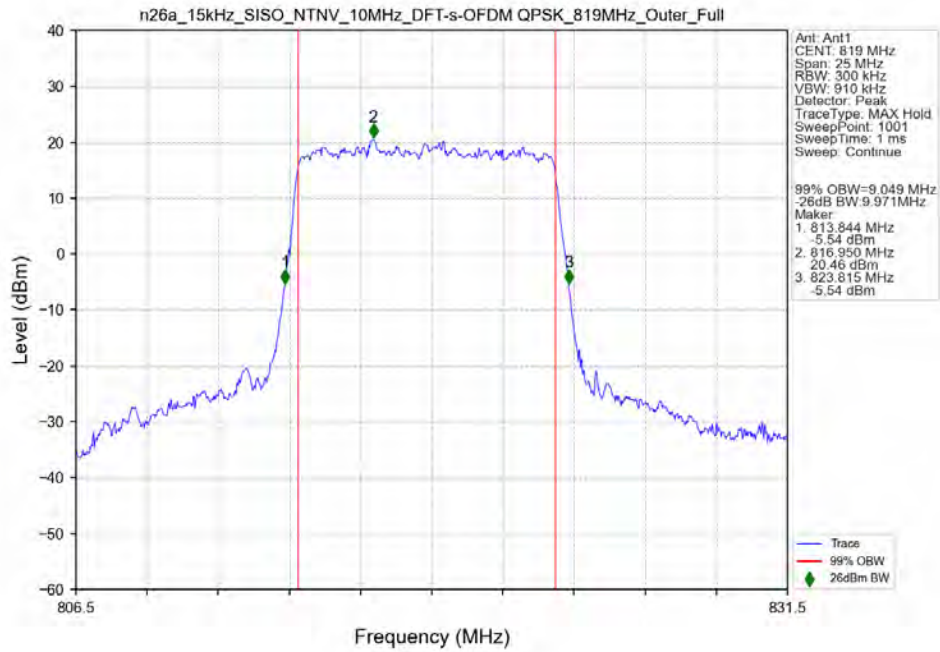
3.2.2 15k\_SISO\_10MHz\_NTNV



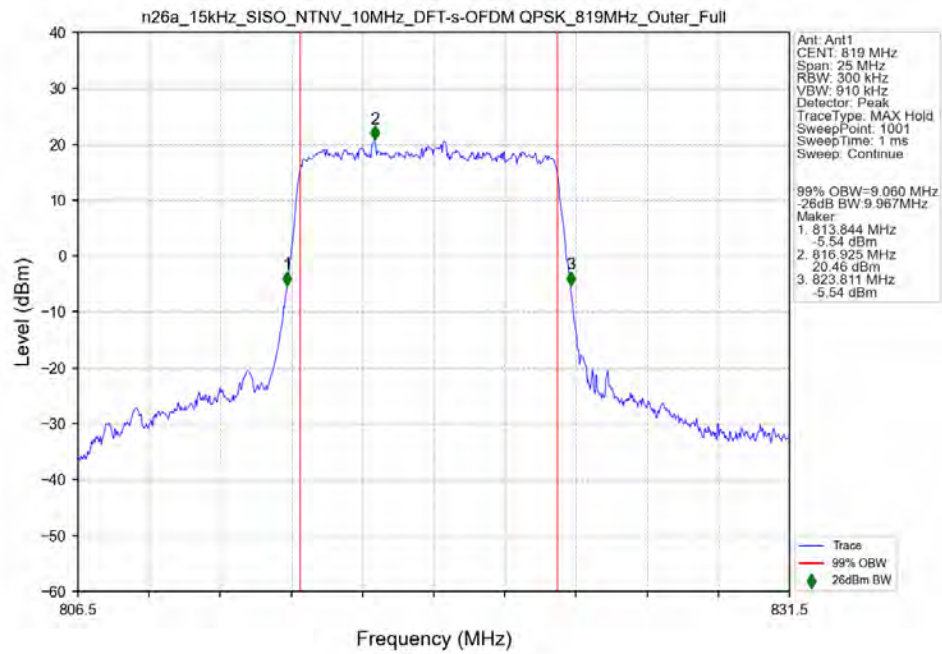
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Outer\_Full\_Ant0



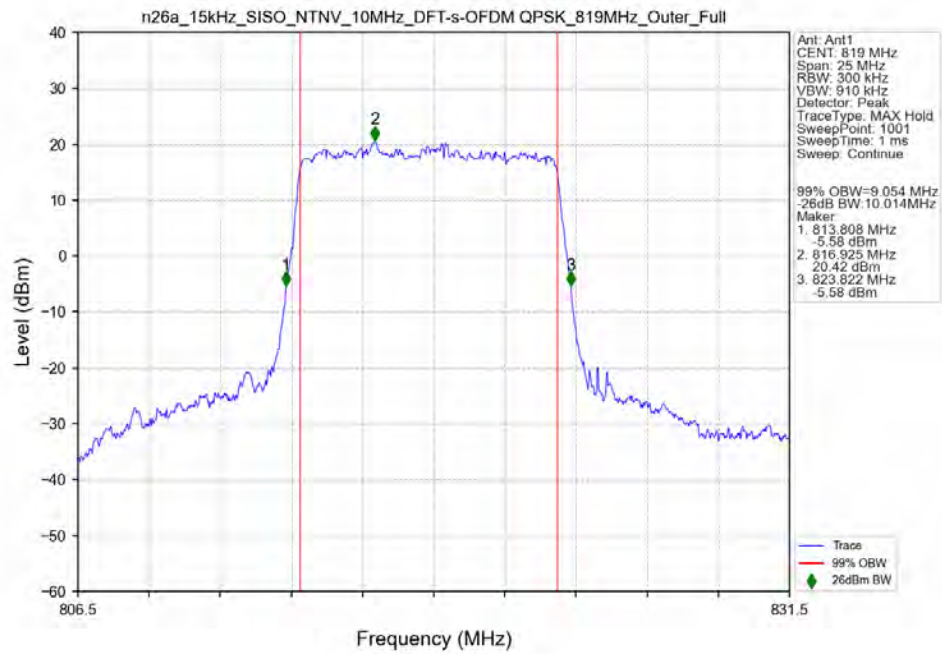
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



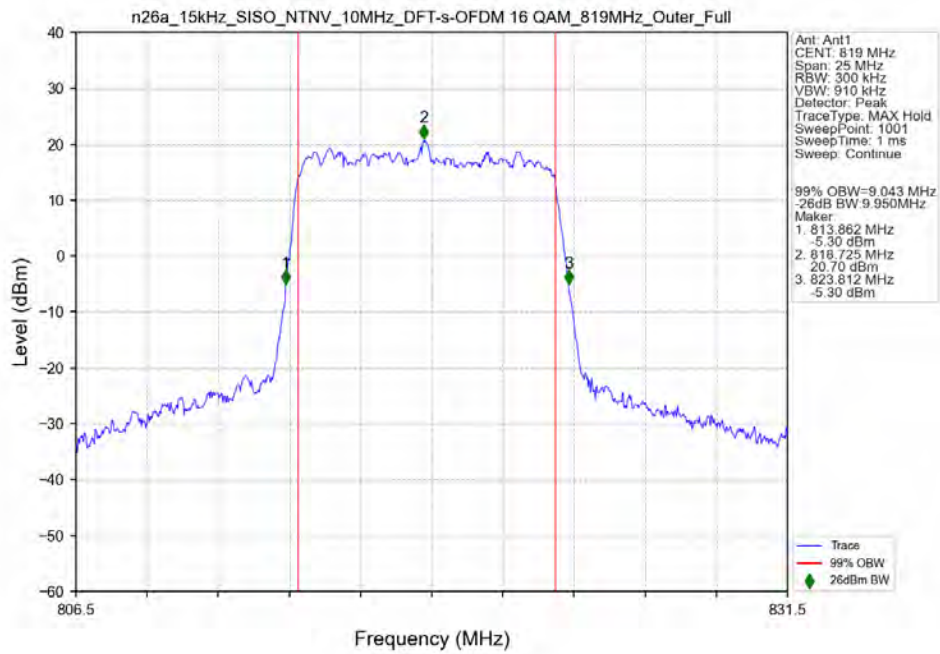
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0



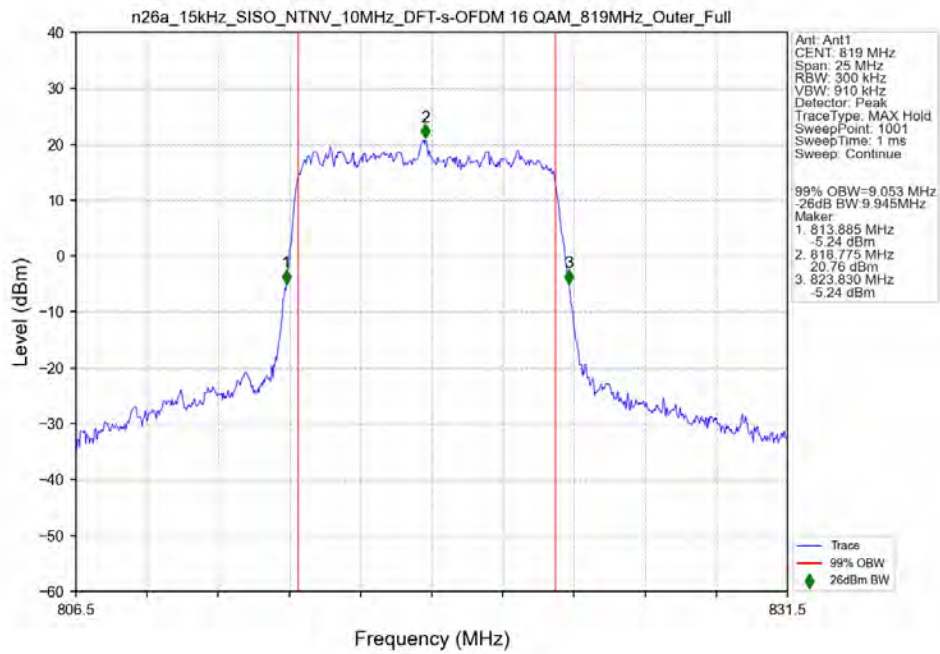
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0



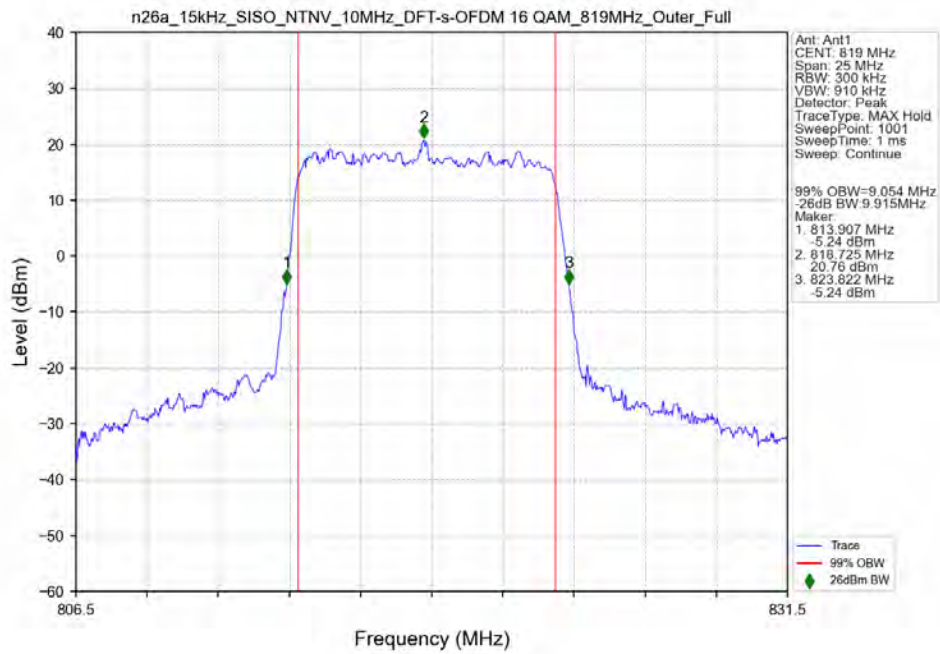
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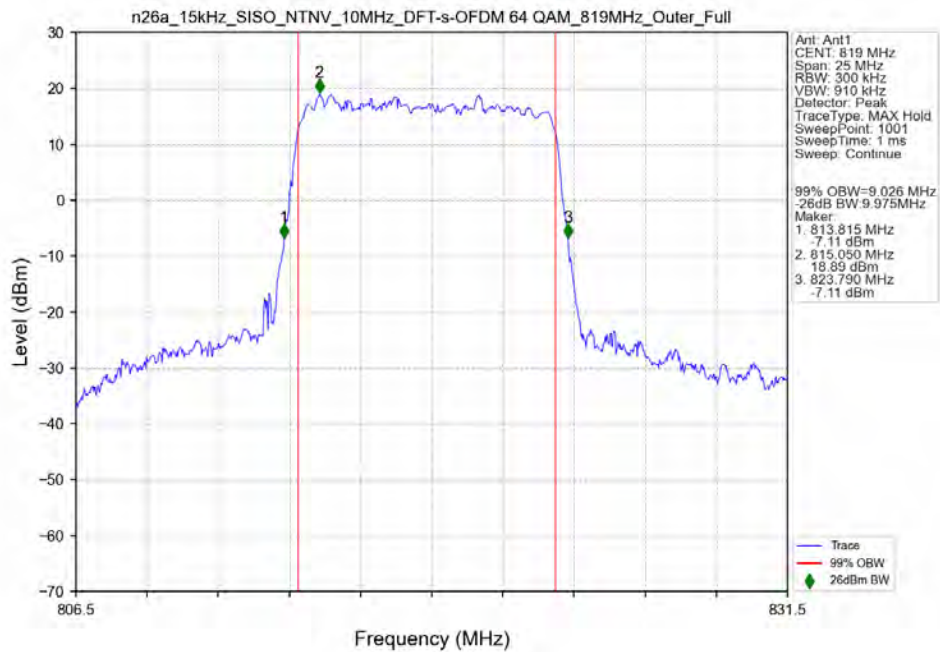
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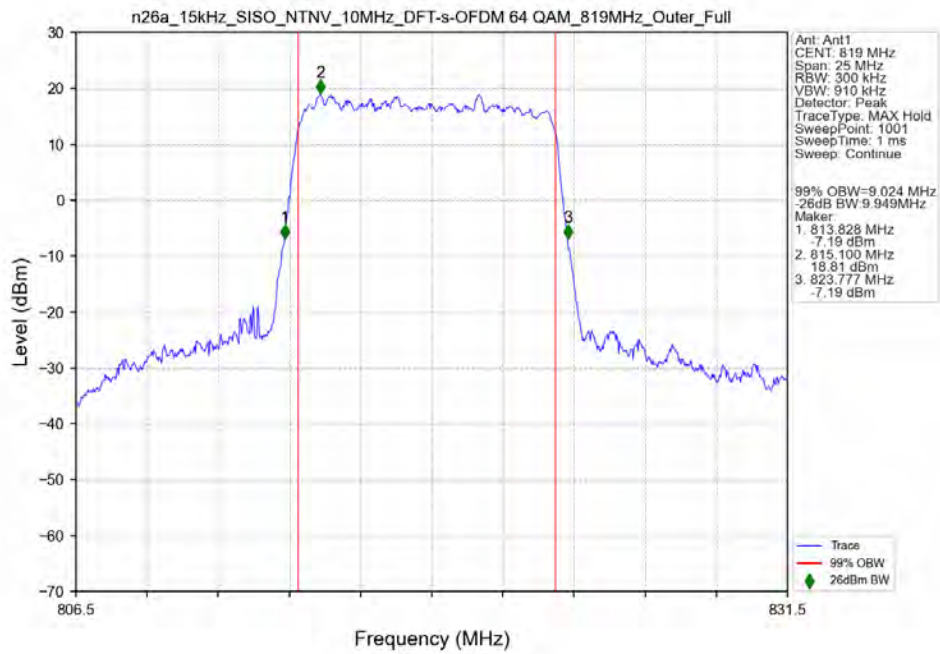


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0

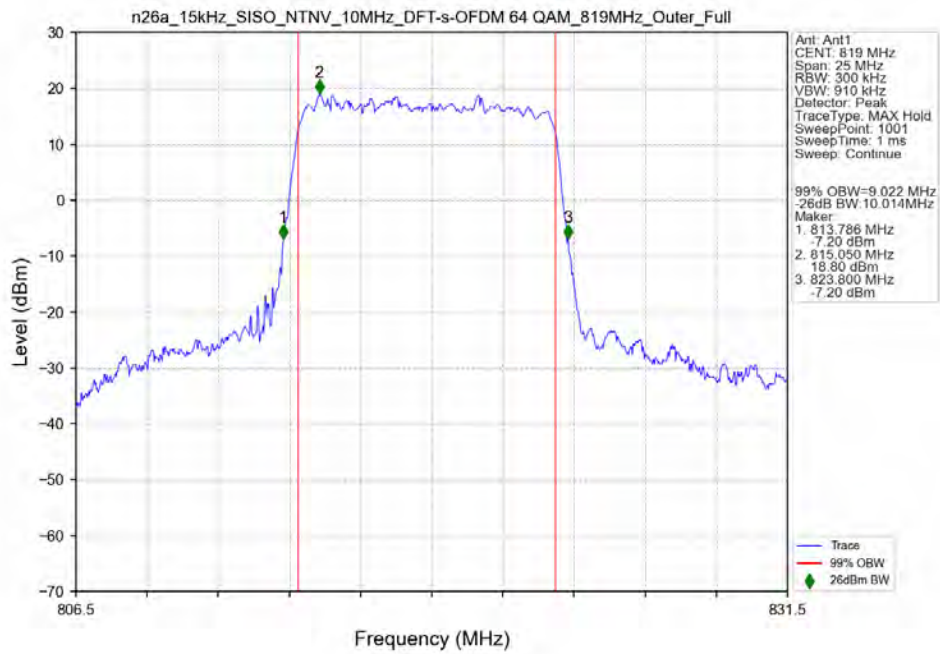




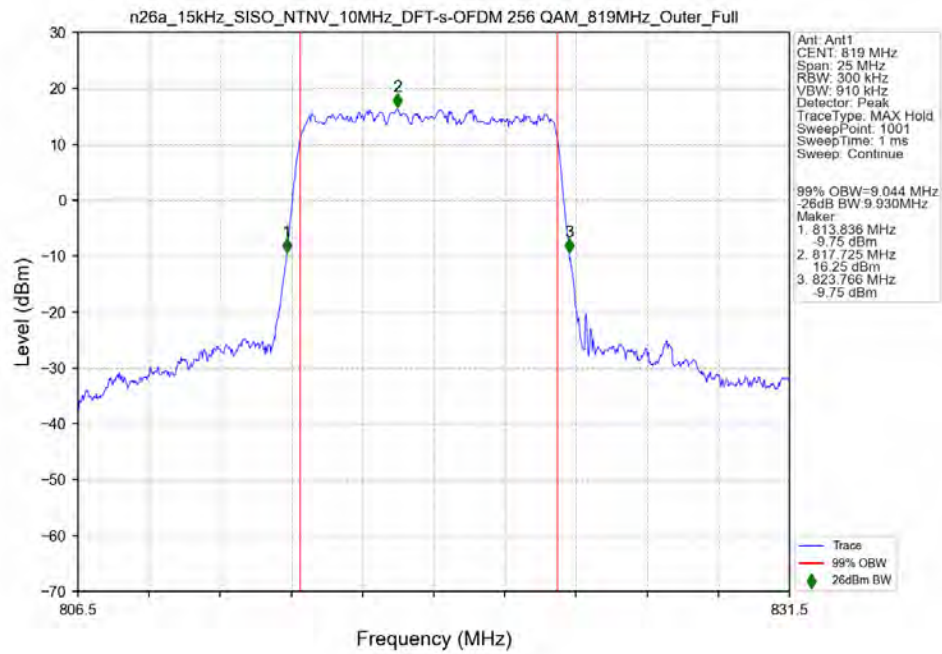
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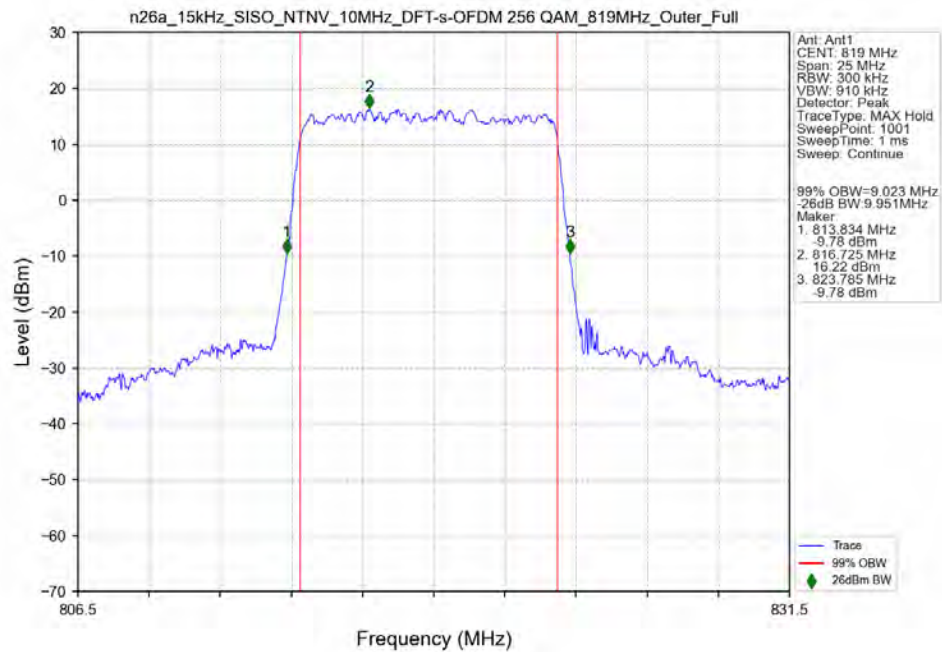
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0



n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0

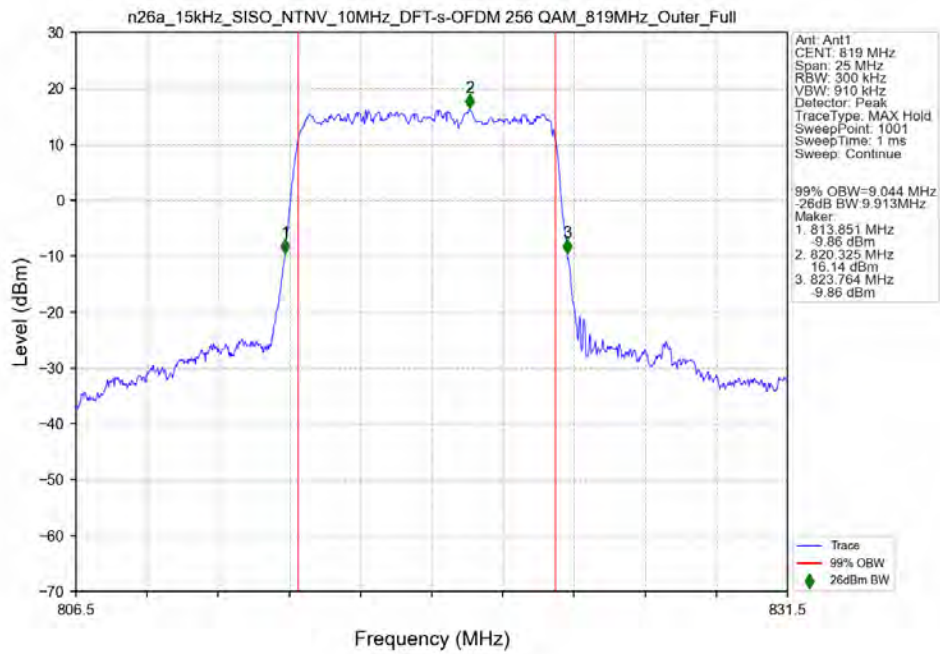


n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0

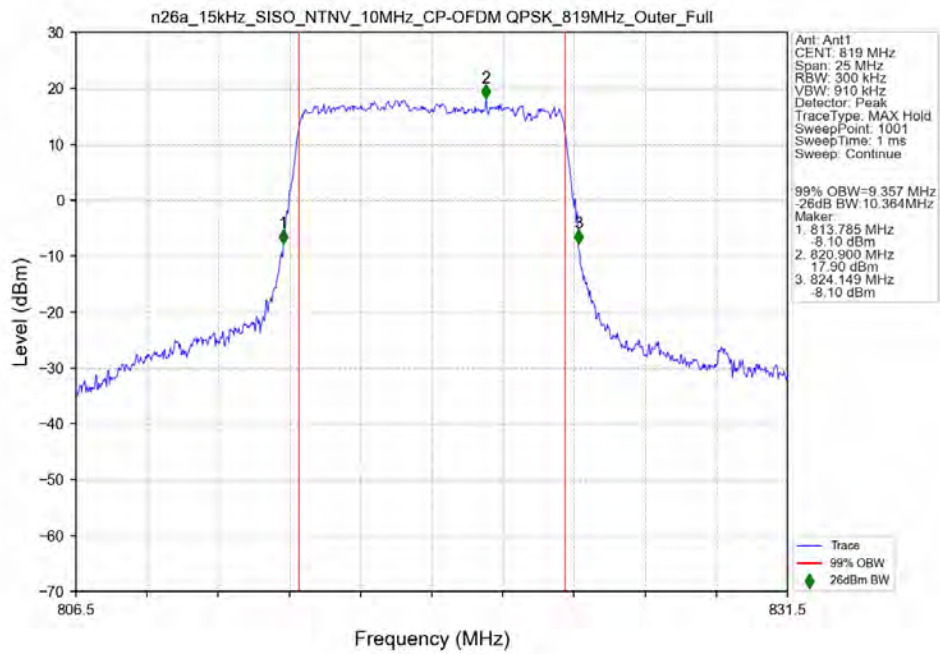




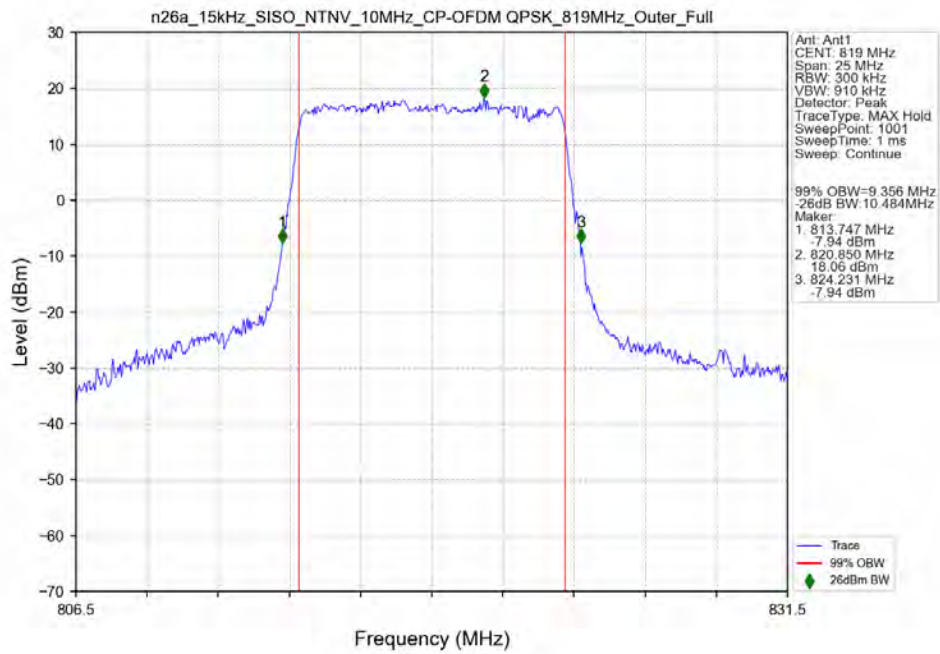
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0



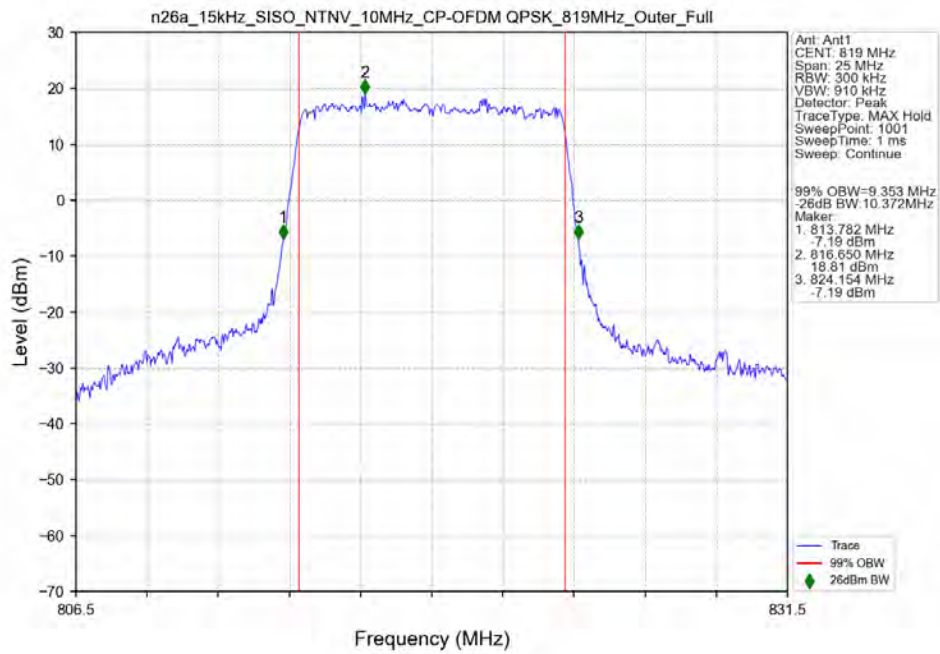
n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Outer Full Ant0



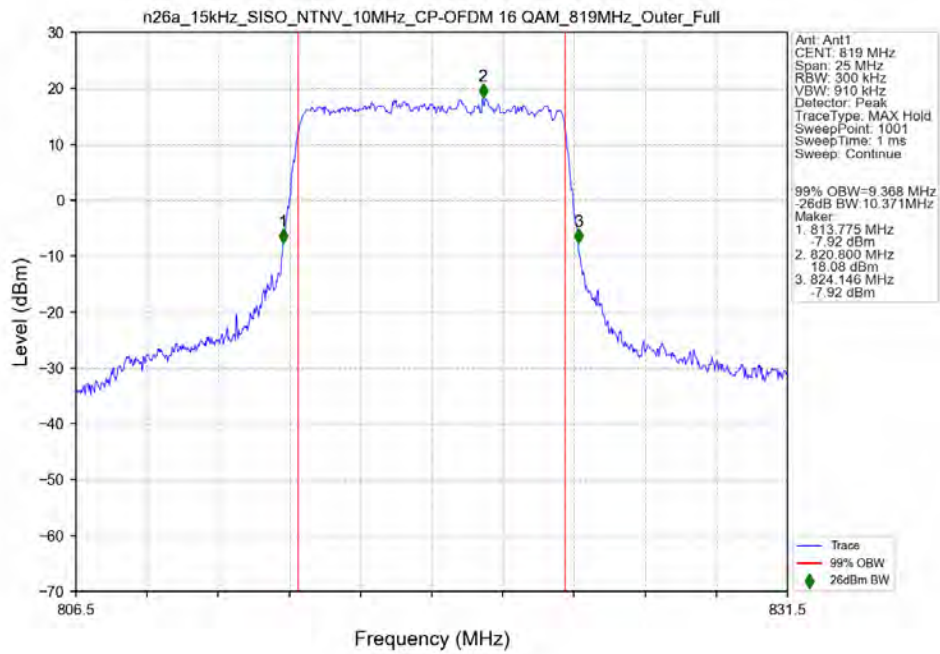
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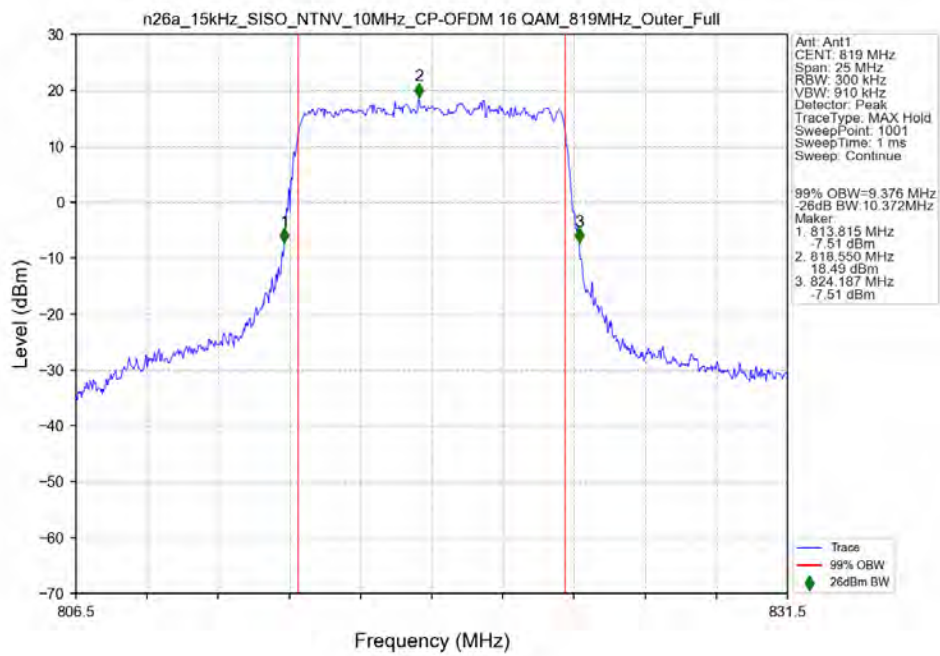
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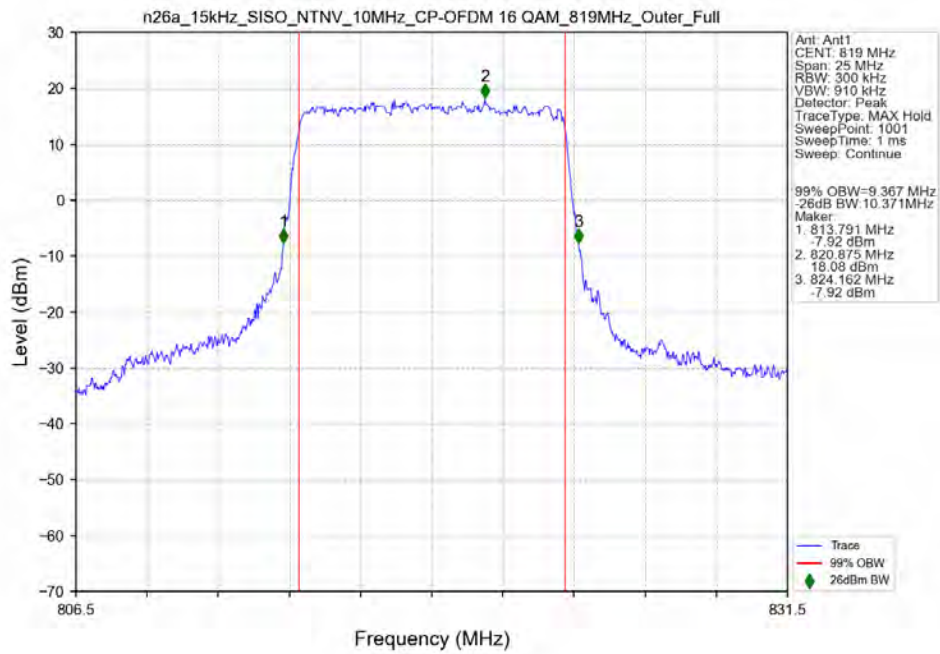
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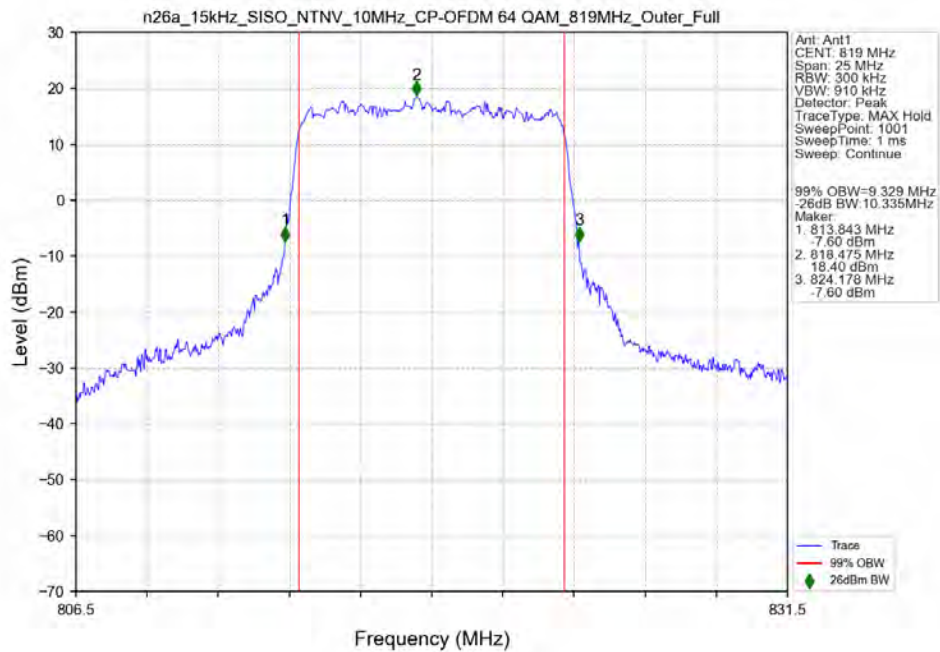
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0



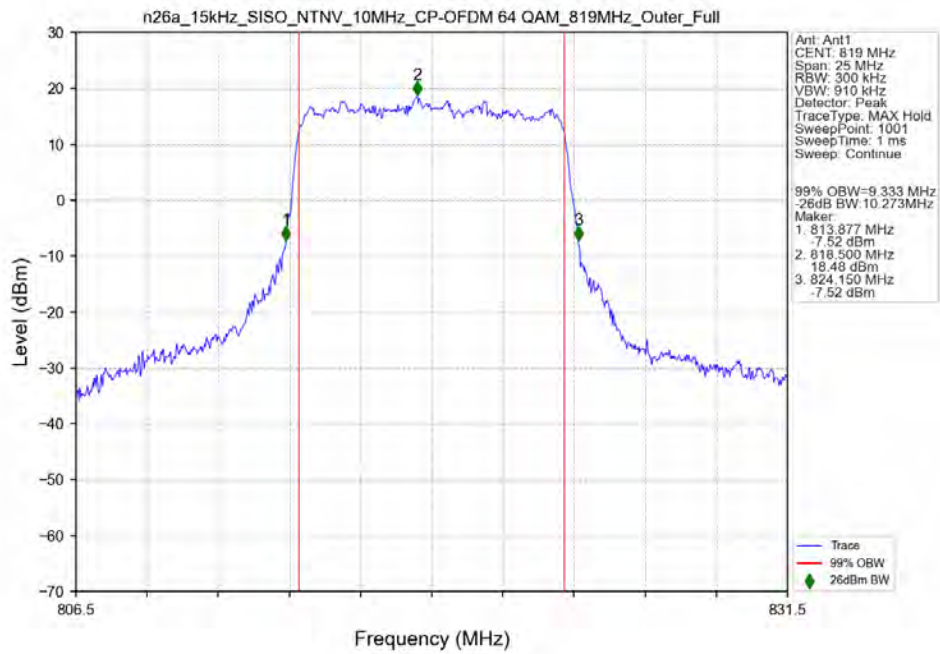
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0



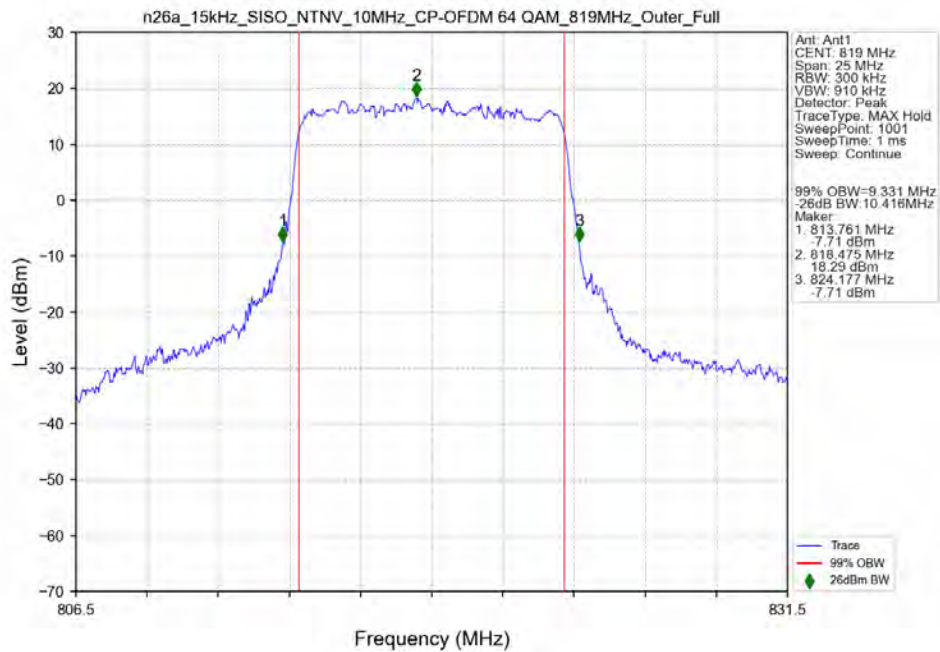
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0

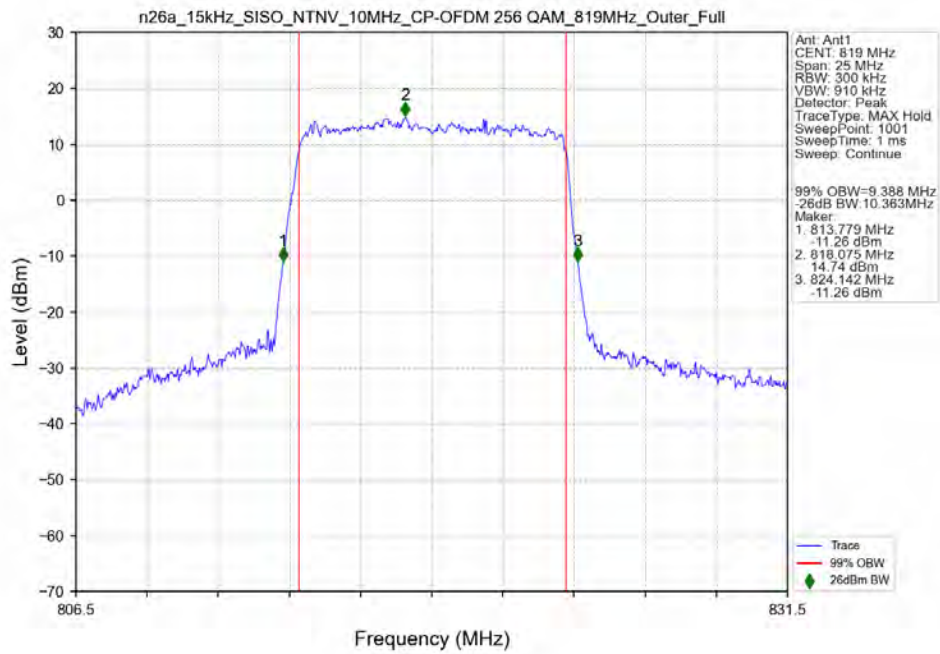


n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0

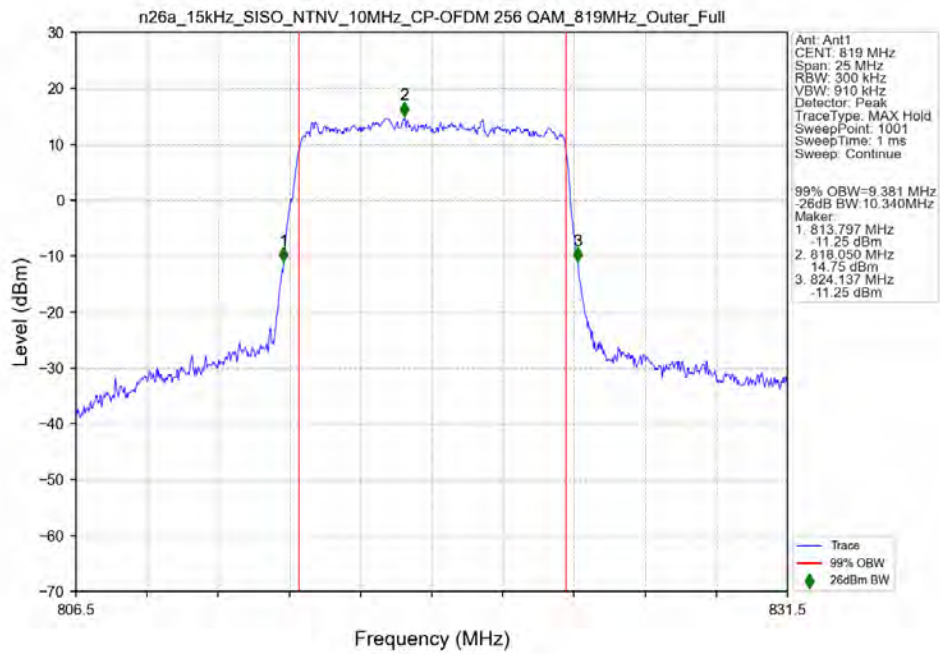




n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0

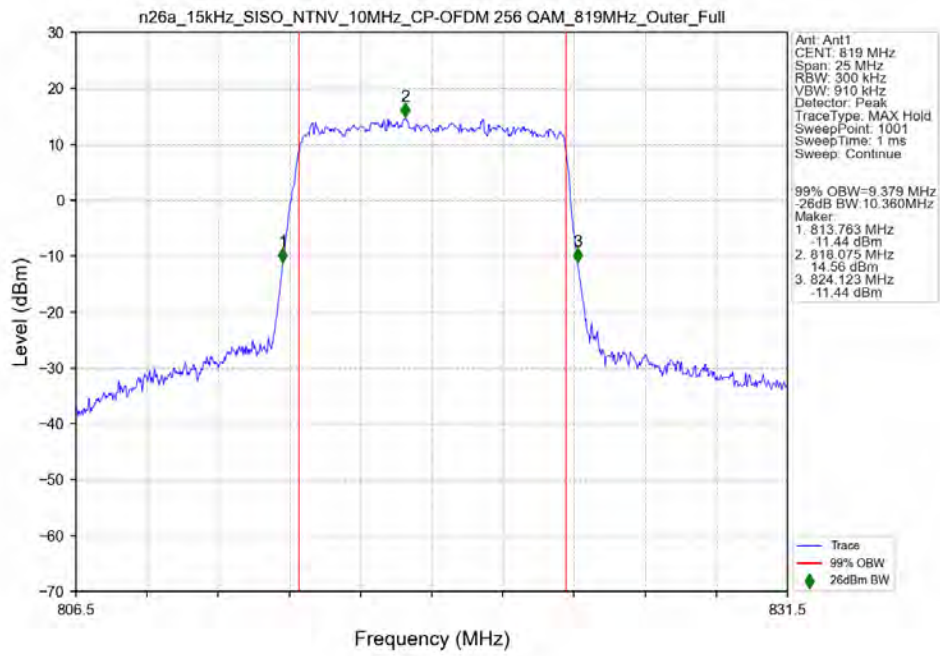


n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0





n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0



## 4. Peak-Average Ratio

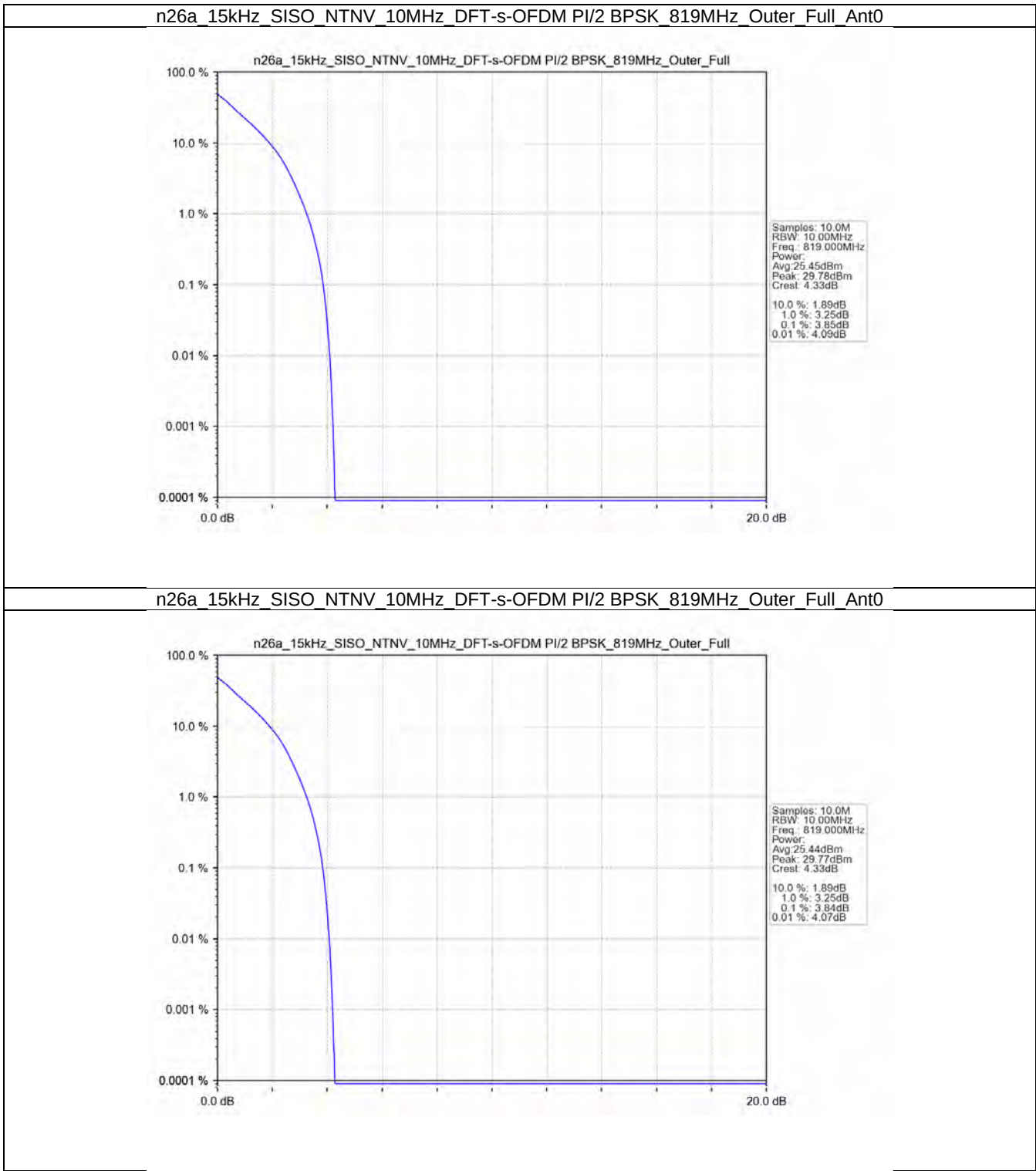
### 4.1 Test Result

#### 4.1.1 15k\_SISO\_10MHz\_NTNV

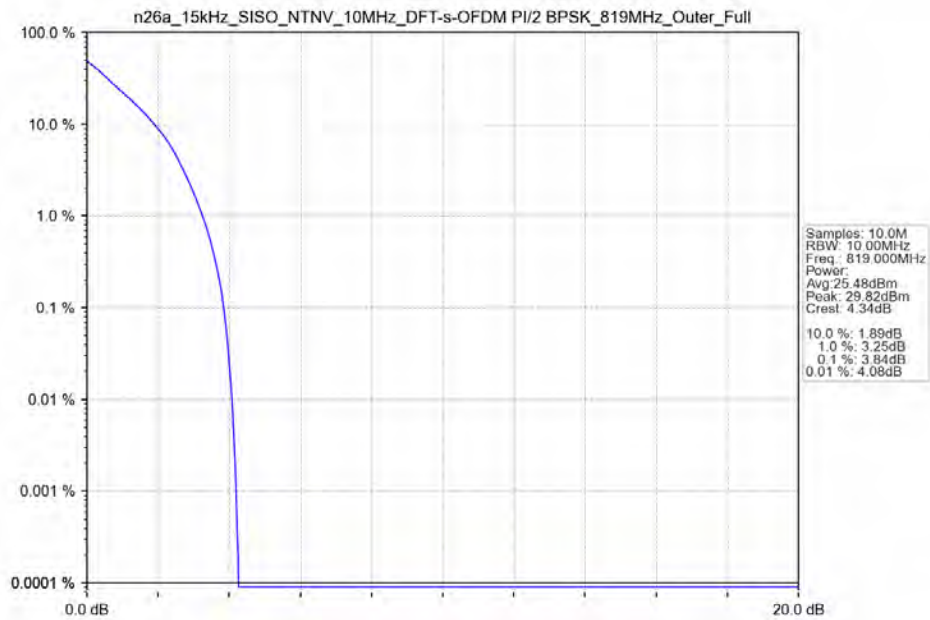
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant0                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Outer_Full    | 3.85                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 3.84                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 3.84                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Outer_Full    | 5.18                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 5.17                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 5.18                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 819             | Outer_Full    | 6.02                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.00                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.01                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 819             | Outer_Full    | 6.28                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.27                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.28                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 819             | Outer_Full    | 6.34                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.33                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.33                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 819             | Outer_Full    | 6.86                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.85                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.86                    | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 819             | Outer_Full    | 6.87                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.87                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.88                    | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 819             | Outer_Full    | 6.98                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.99                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 6.98                    | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 819             | Outer_Full    | 8.36                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 8.37                    | /    | /   | <=13  | Pass    |
|                                     | 819             | Outer_Full    | 8.37                    | /    | /   | <=13  | Pass    |

4.2 Test Graph

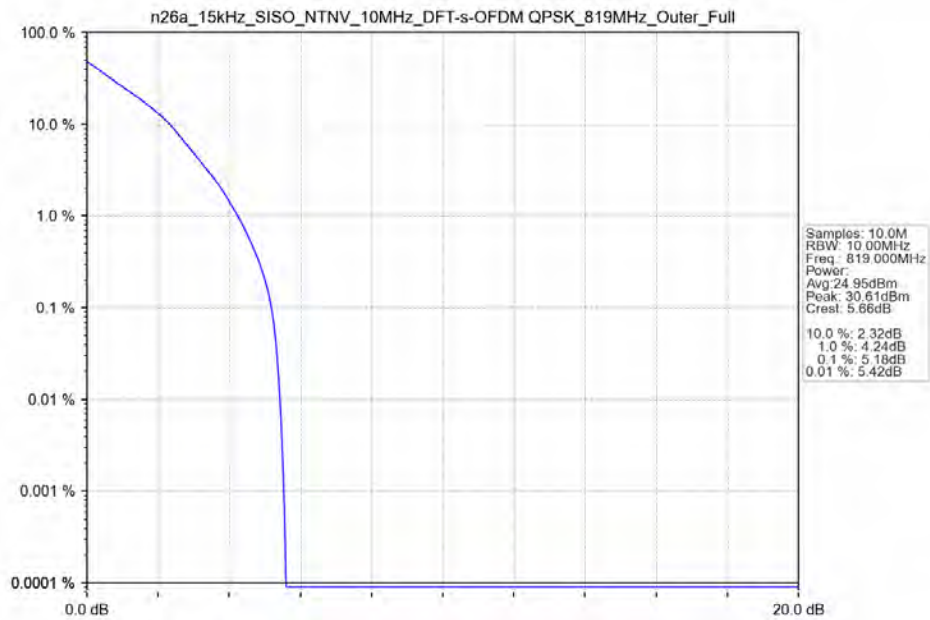
4.2.1 15k\_SISO\_10MHz\_NTNV



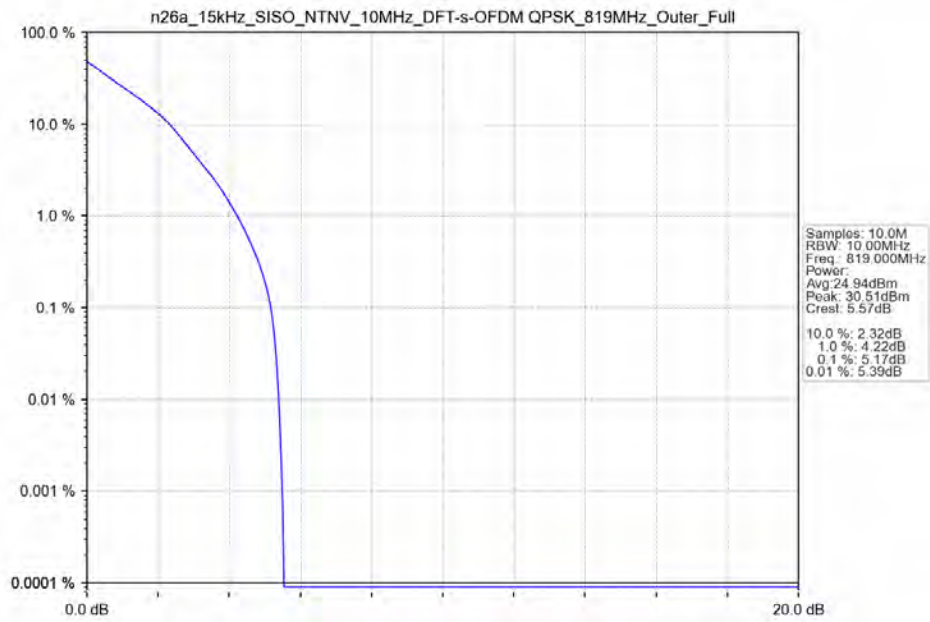
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Outer\_Full\_Ant0



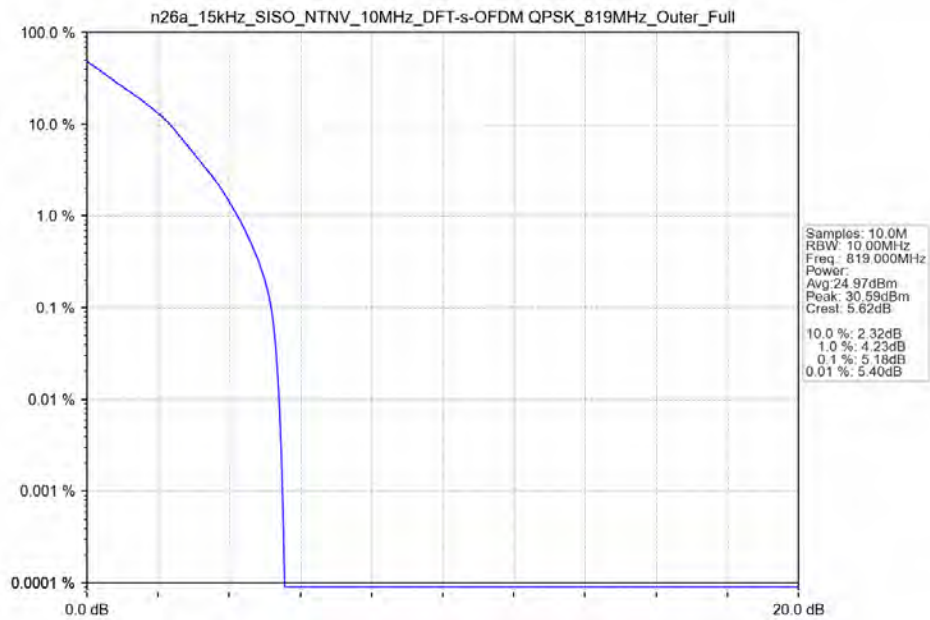
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



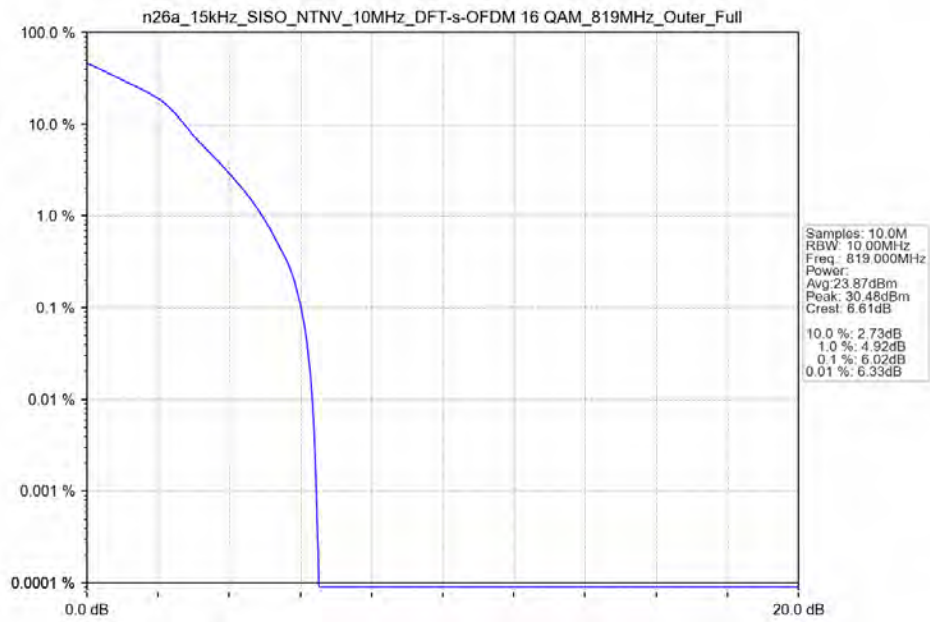
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0



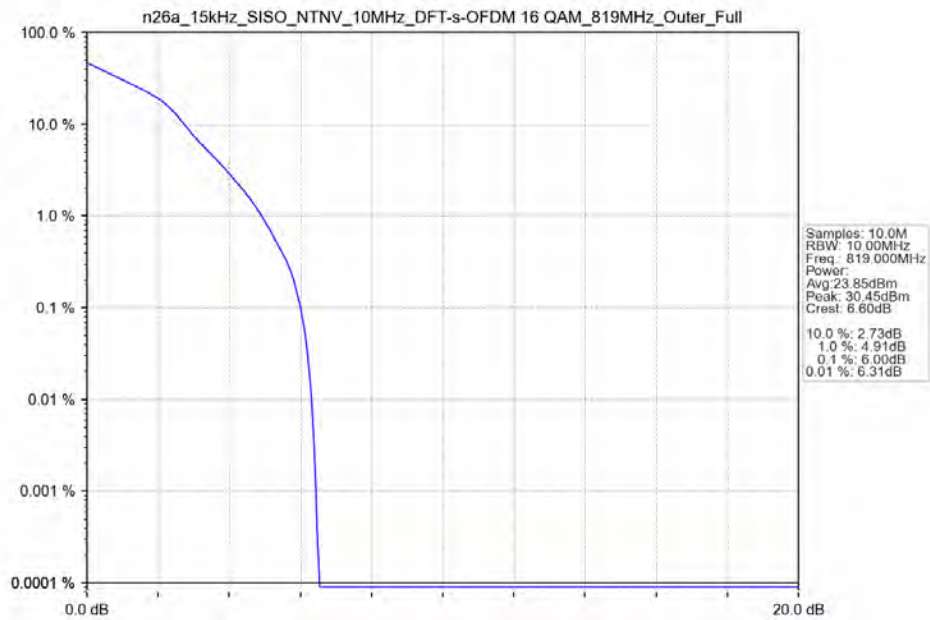
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0



n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0

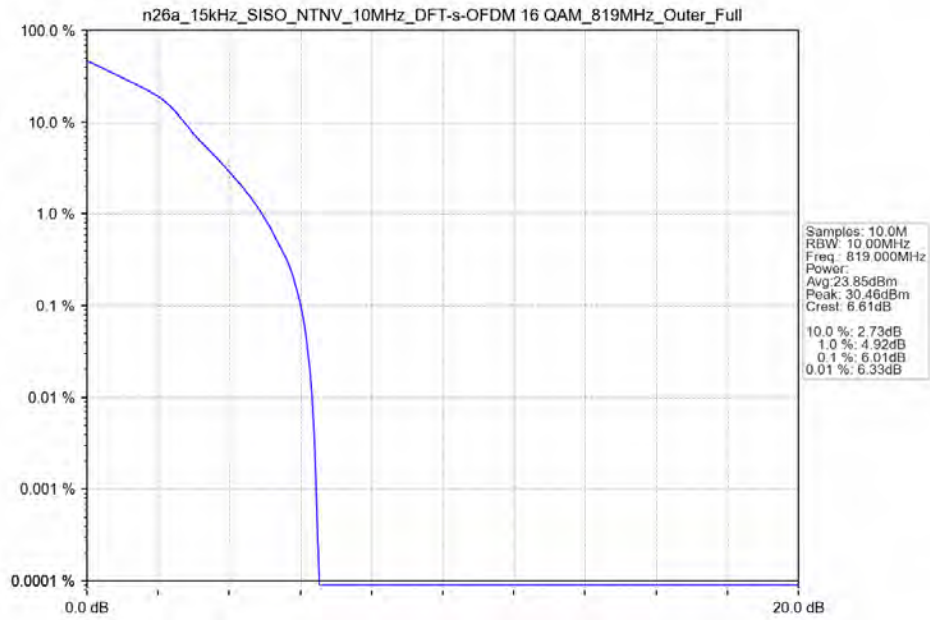


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0

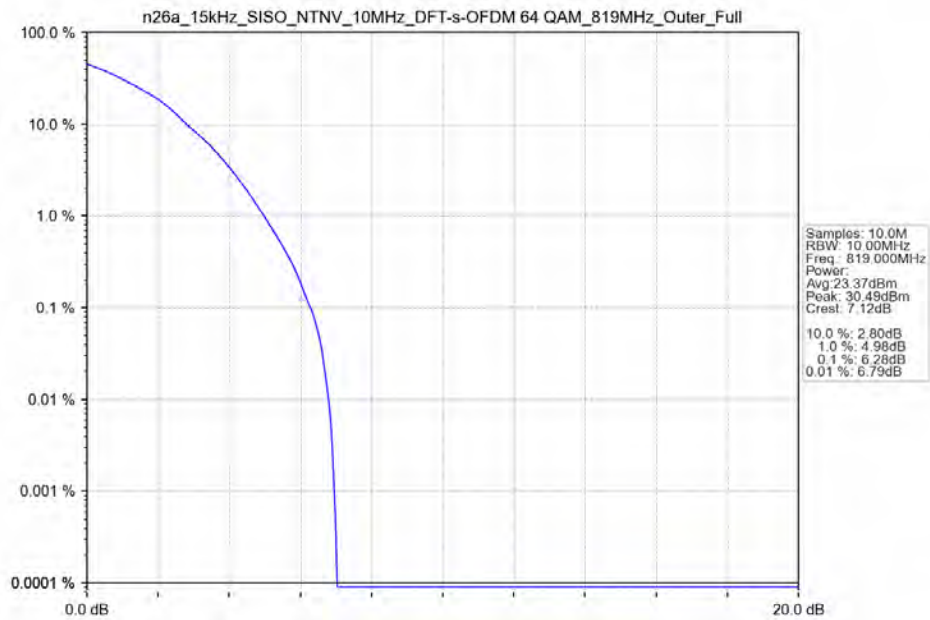




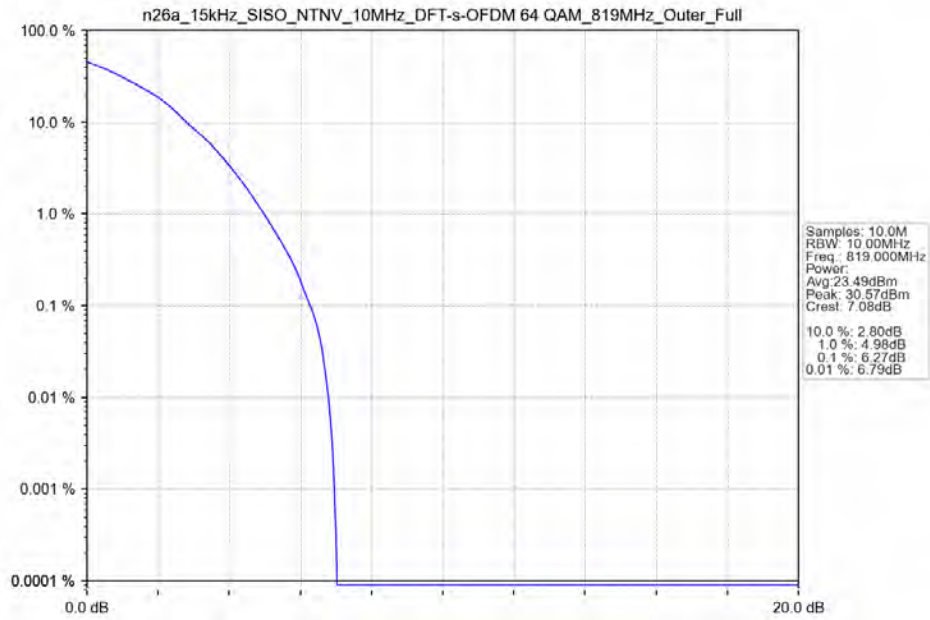
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant0



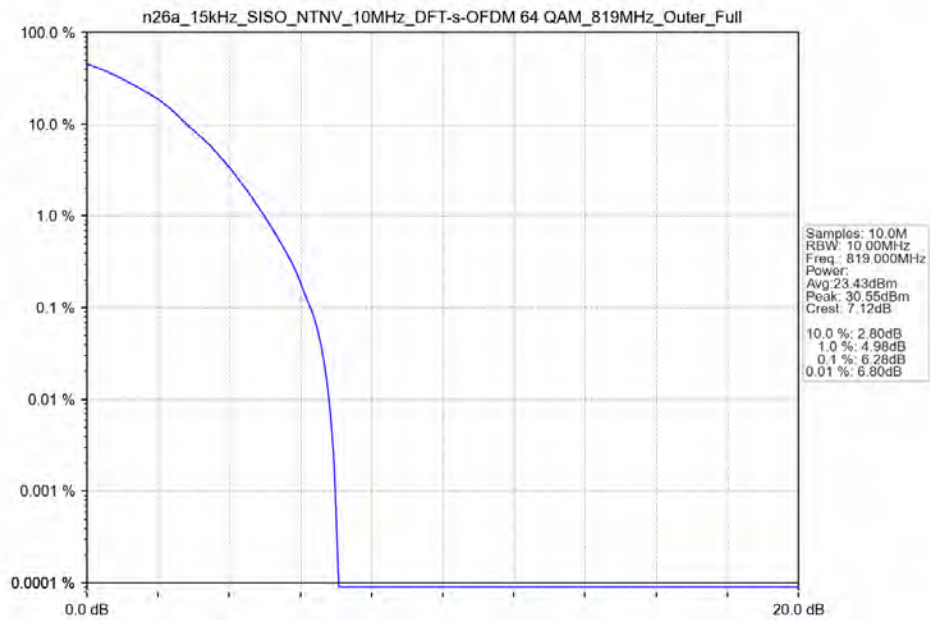
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0



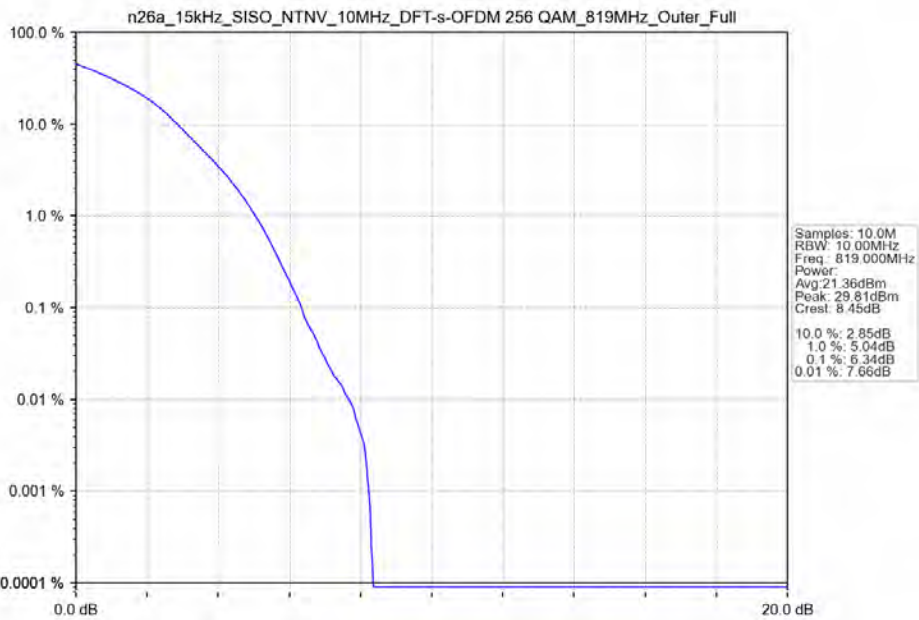
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0



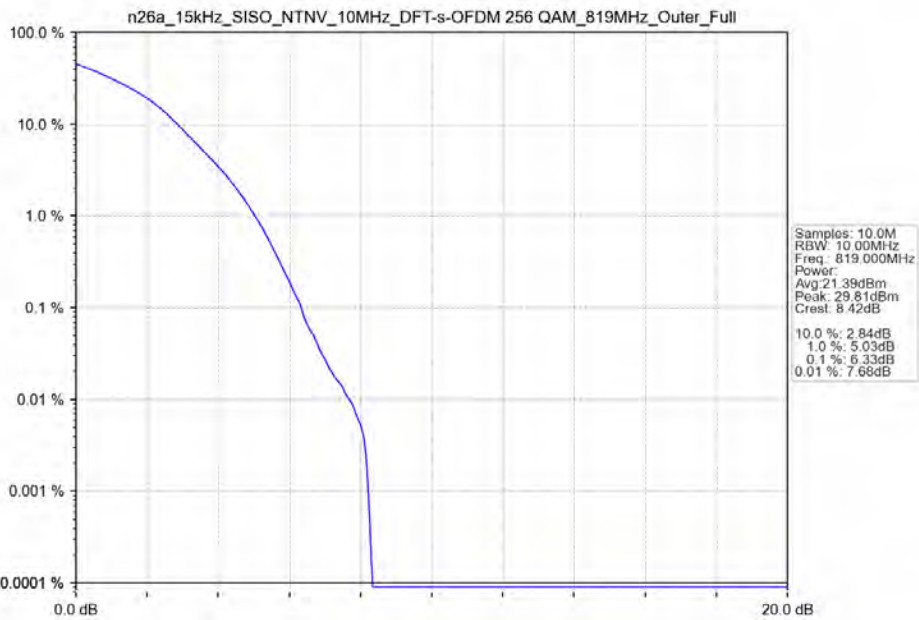
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant0



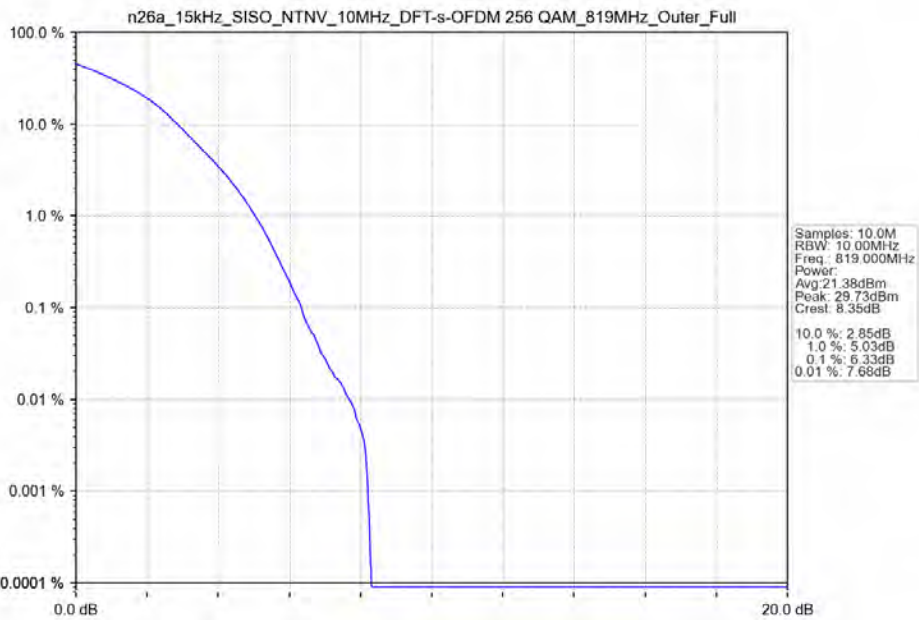
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0



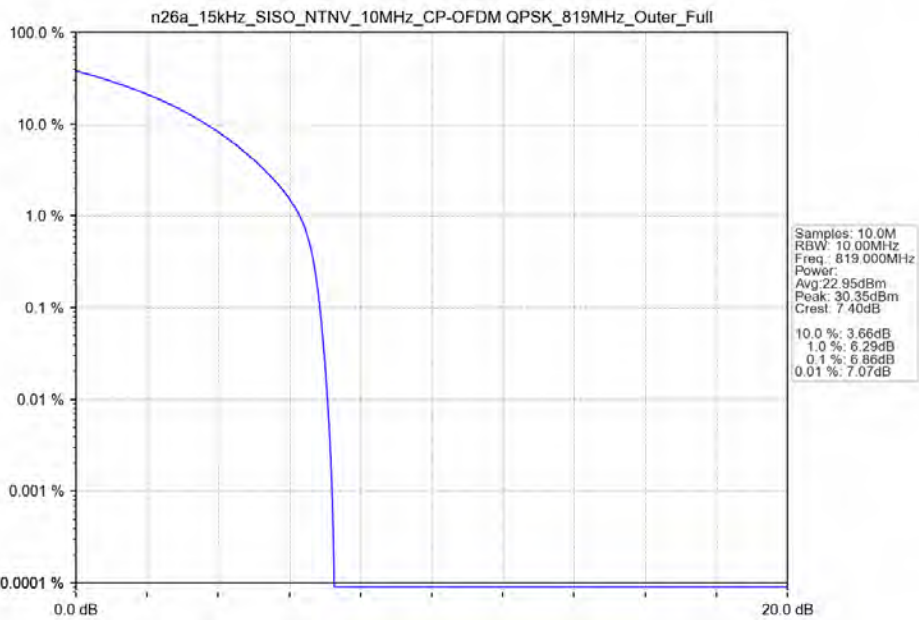
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0



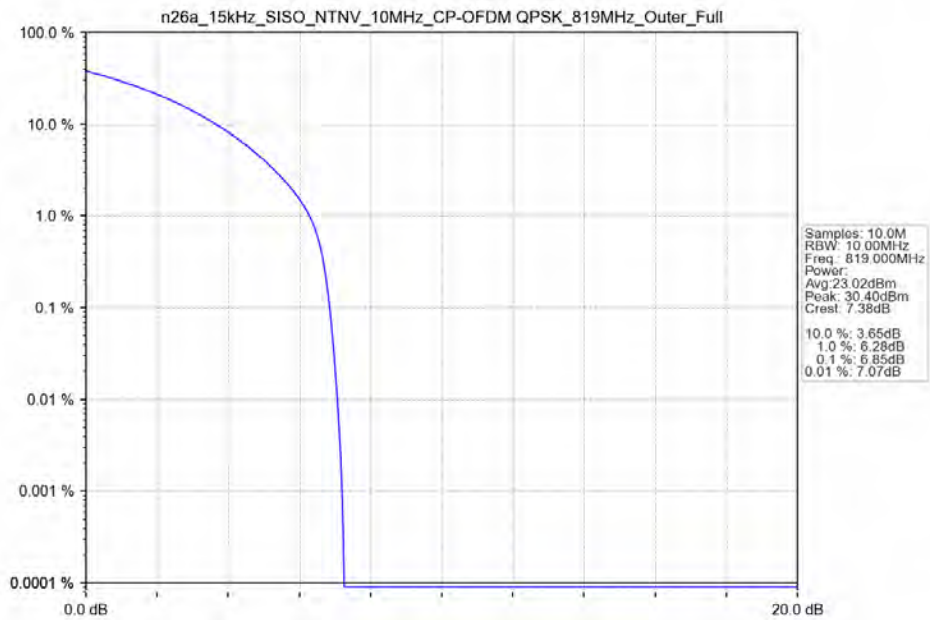
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 819MHz Outer Full Ant0



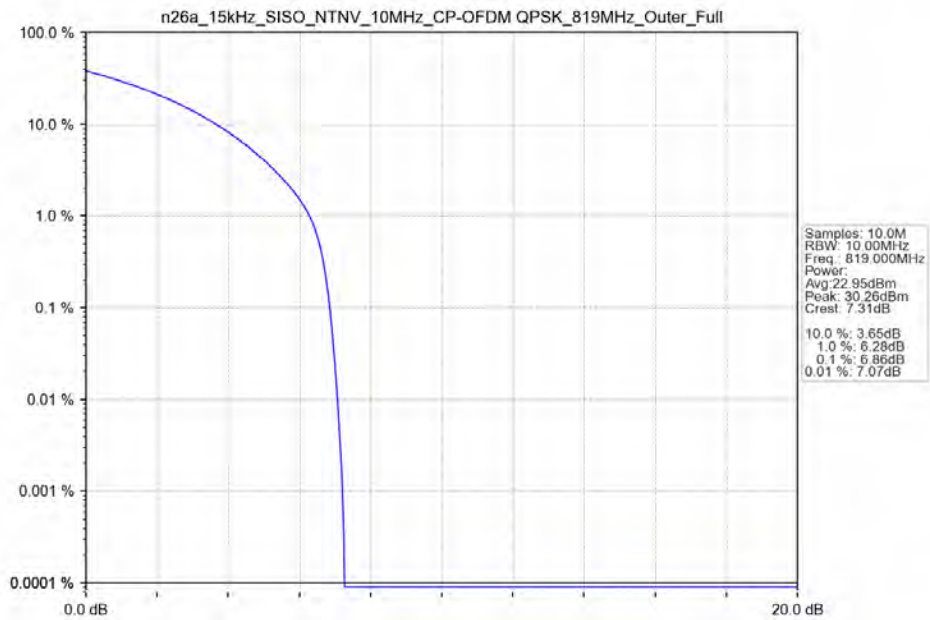
n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Outer Full Ant0



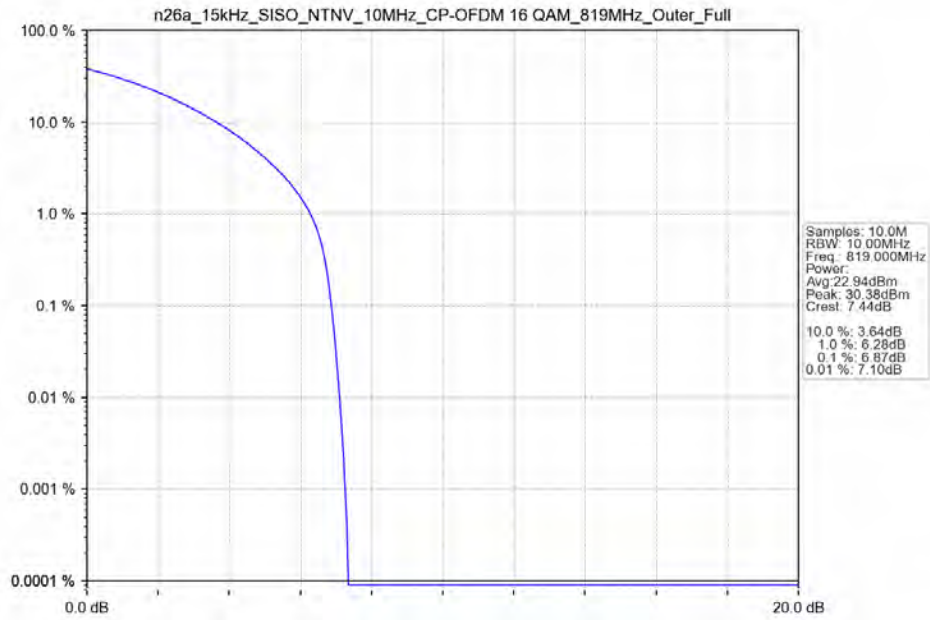
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



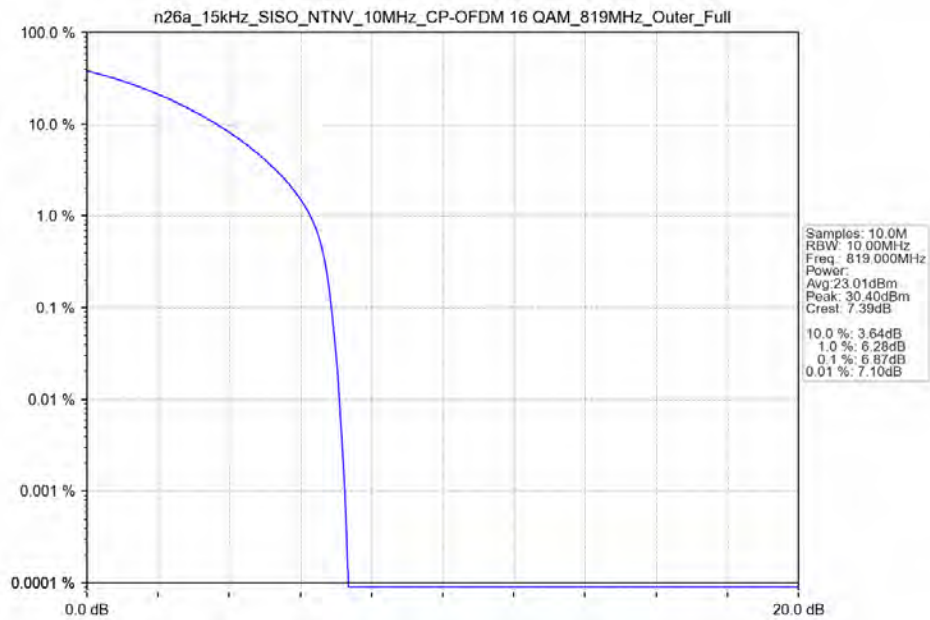
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



n26a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 819MHz Outer Full Ant0

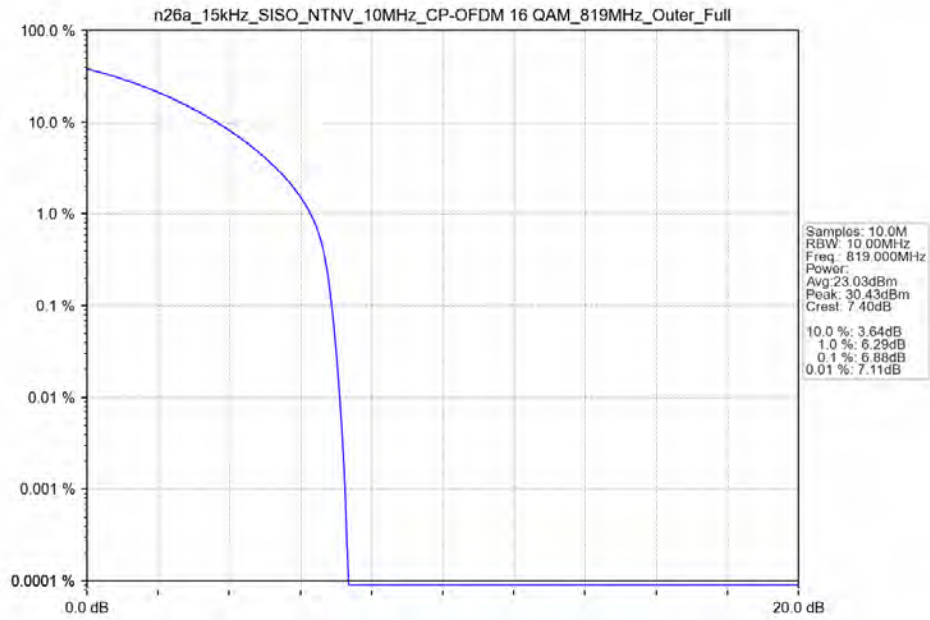


n26a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 819MHz Outer Full Ant0

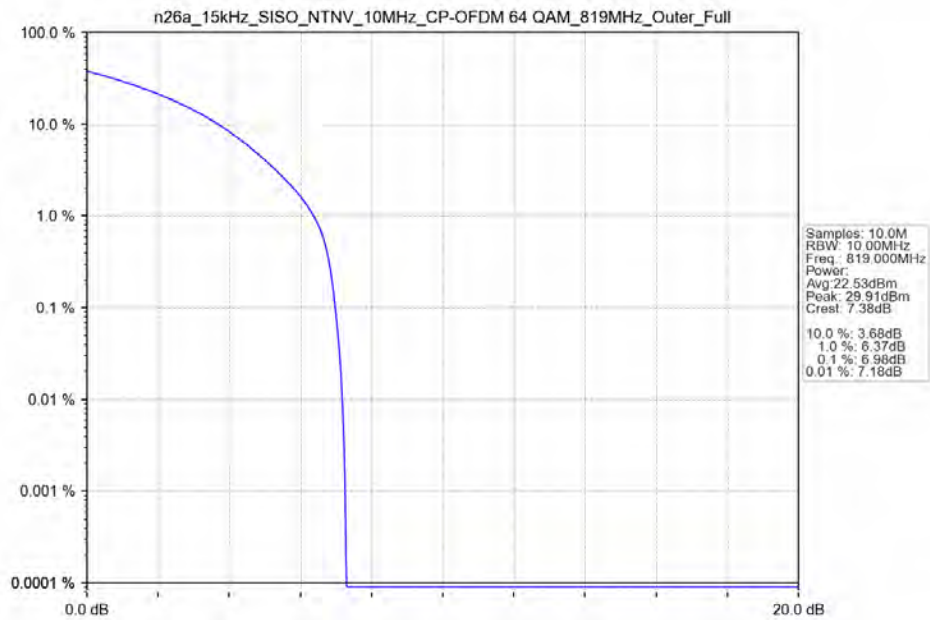




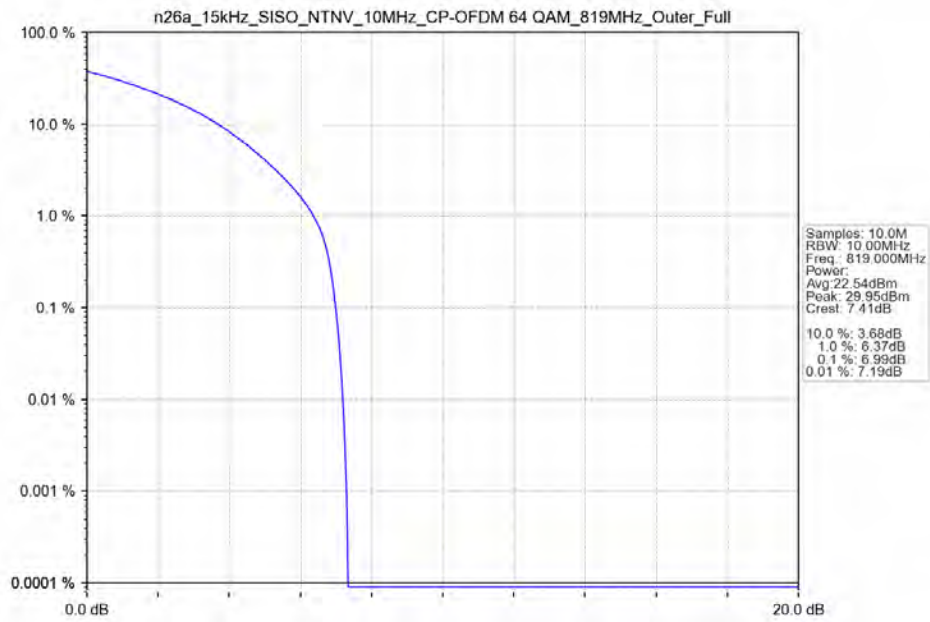
n26a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 819MHz Outer Full Ant0



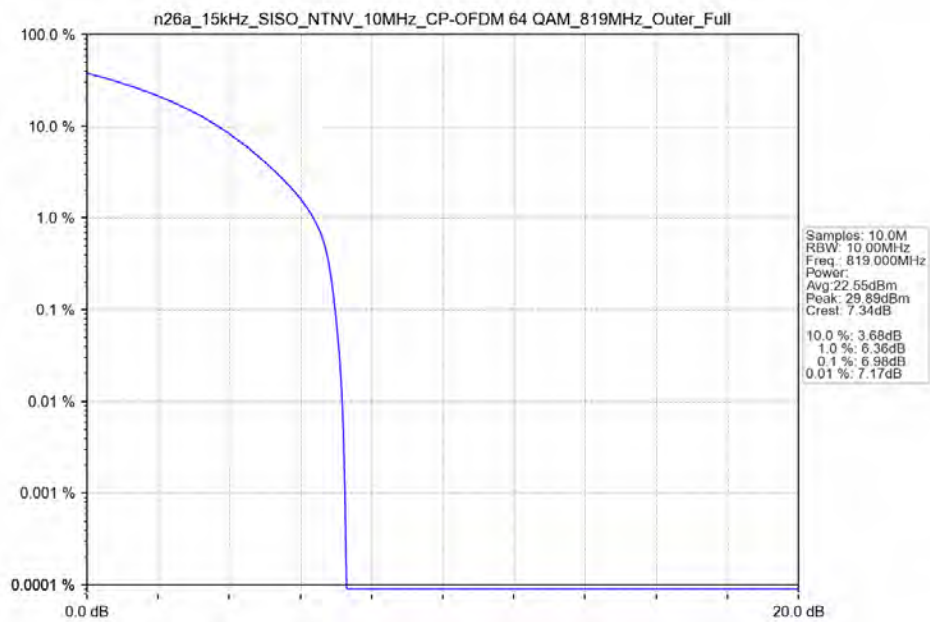
n26a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 819MHz Outer Full Ant0



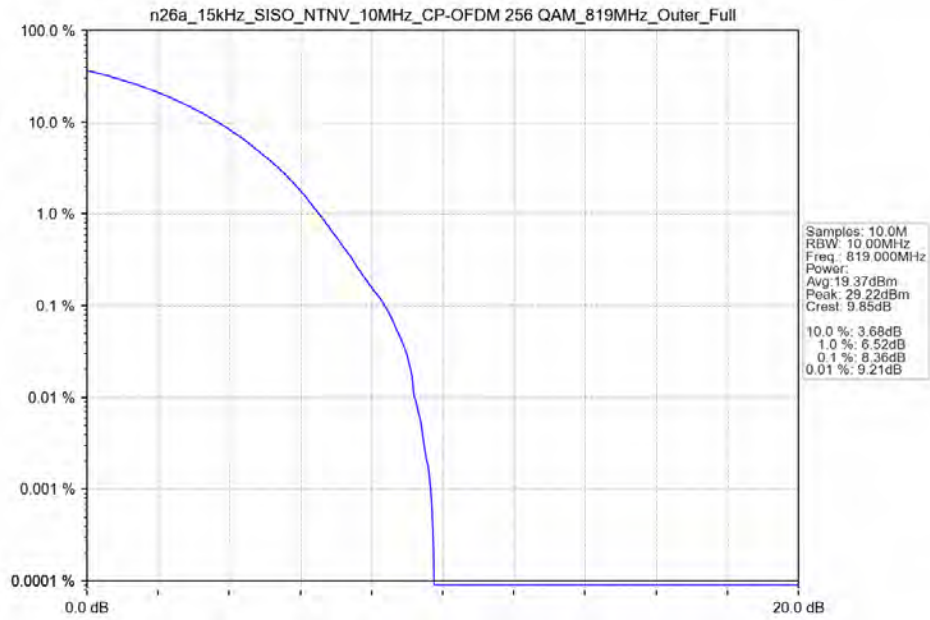
n26a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 819MHz Outer Full Ant0



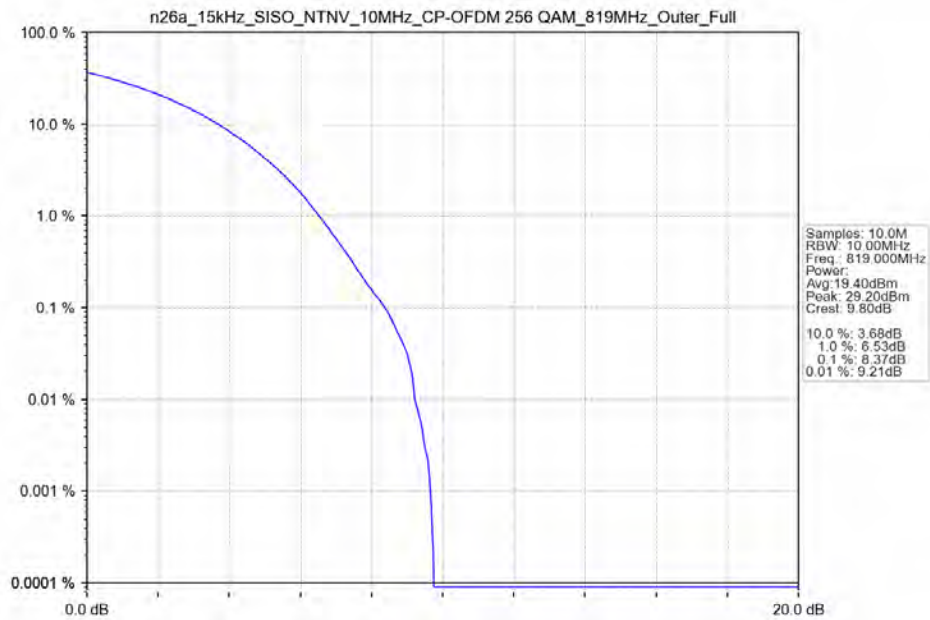
n26a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 819MHz Outer Full Ant0



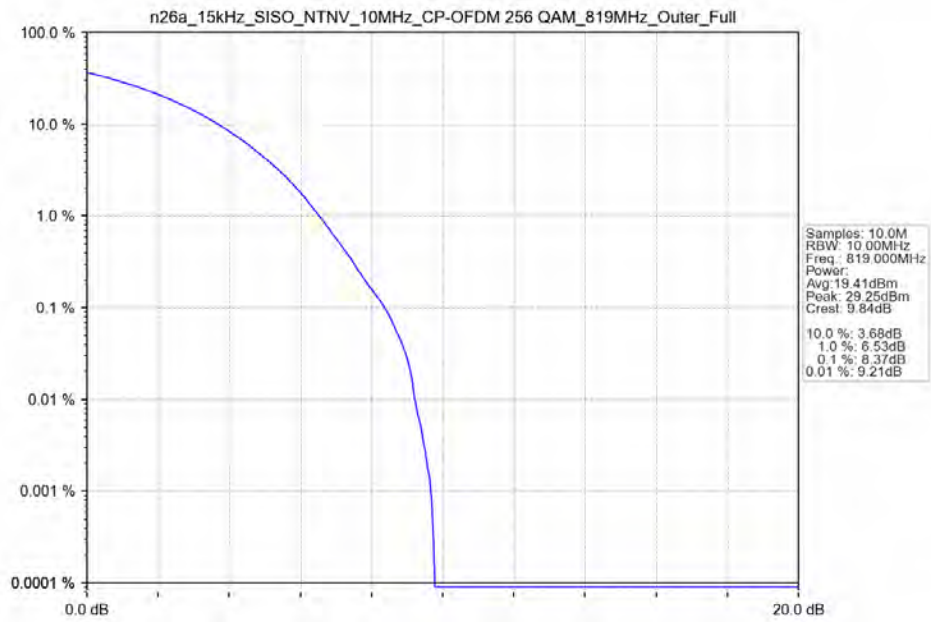
n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0



n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0



n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant0



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 15k\_SISO\_5MHz\_NTNV

| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |                |                     |                     |     |       |         |      |
|------------------------------------|-----------------|----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Spurious Emission   |                     |     |       | Verdict |      |
|                                    |                 |                | Ant0                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK               | 816.5           | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 819             | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 821.5          | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                    | Inner_1RB_Right |                | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | DFT-s-OFDM QPSK | 816.5          | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| Inner_1RB_Left                     |                 |                | Refer To Test Graph |                     |     |       | Pass    |      |
| 819                                |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 821.5          | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| Inner_1RB_Right                    |                 |                | Refer To Test Graph |                     |     |       | Pass    |      |
| CP-OFDM QPSK                       |                 | 816.5          | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                    | Inner_1RB_Left  |                | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 819             | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 821.5          | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                    | Inner_1RB_Right |                | Refer To Test Graph |                     |     |       | Pass    |      |

#### 5.1.2 15k\_SISO\_10MHz\_NTNV

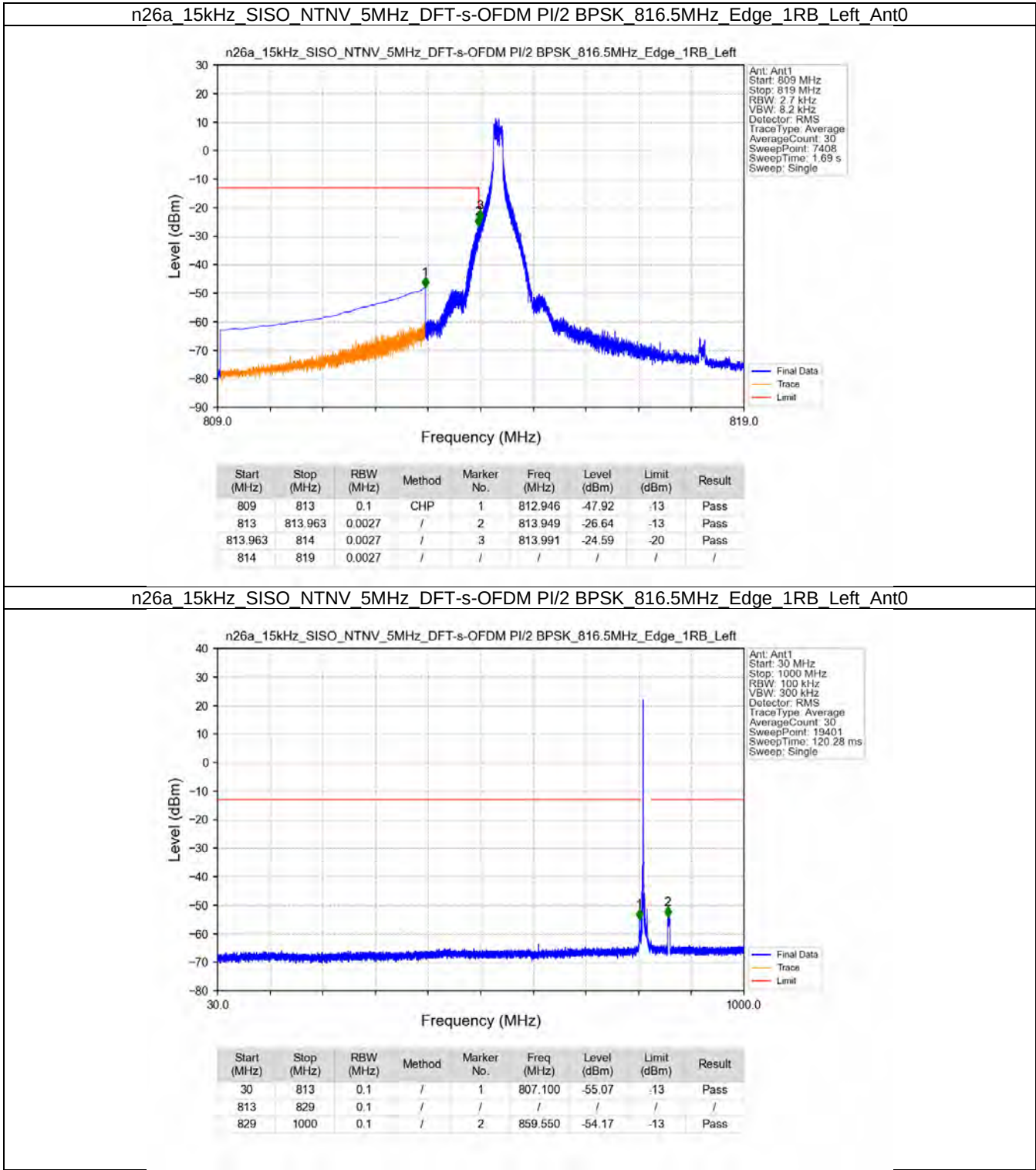
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |                 |                     |      |     |       |         |
|-------------------------------------|-----------------|-----------------|---------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Spurious Emission   |      |     |       | Verdict |
|                                     |                 |                 | Ant0                | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Inner_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Edge_1RB_Right  | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Inner_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Inner_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Edge_1RB_Right  | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Inner_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
| CP-OFDM QPSK                        | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full      | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Inner_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left   | Refer To Test Graph |      |     |       | Pass    |

|  |     |                 |                     |      |
|--|-----|-----------------|---------------------|------|
|  | 819 | Edge 1RB Right  | Refer To Test Graph | Pass |
|  |     | Outer Full      | Refer To Test Graph | Pass |
|  |     | Inner 1RB Right | Refer To Test Graph | Pass |

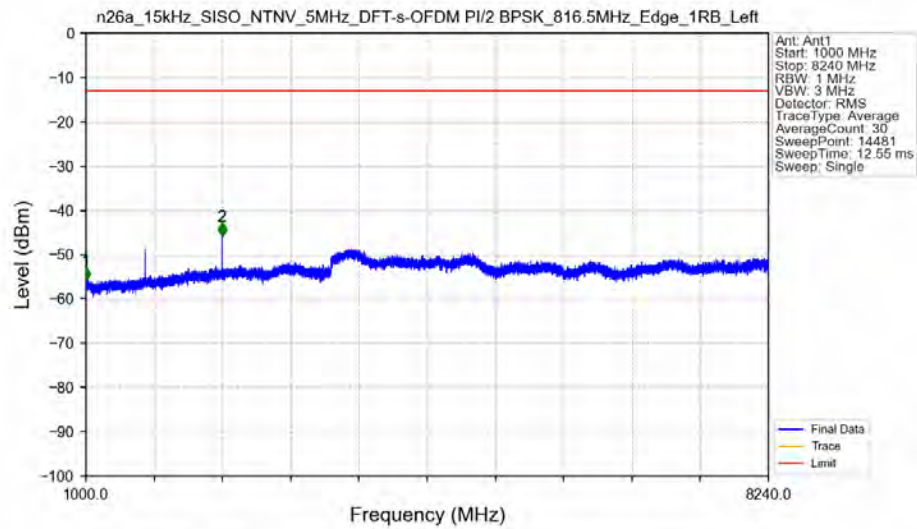


5.2 Test Graph

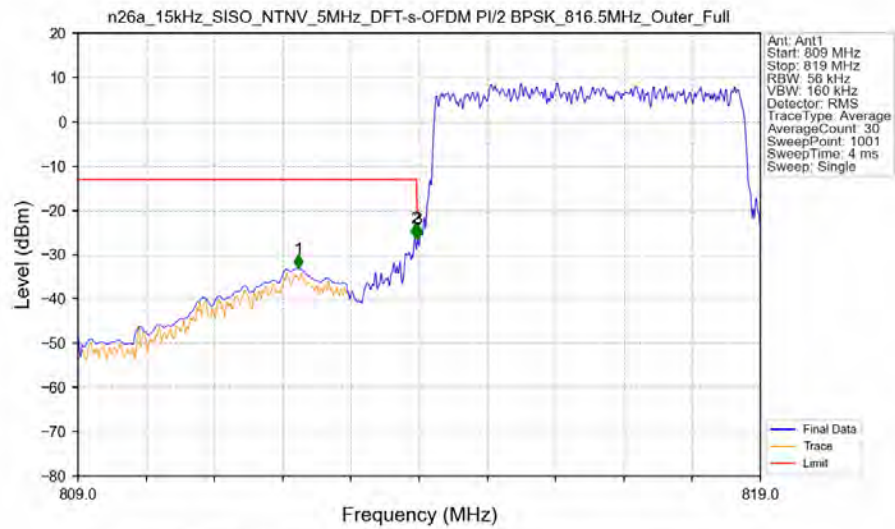
5.2.1 15k\_SISO\_5MHz\_NTNV



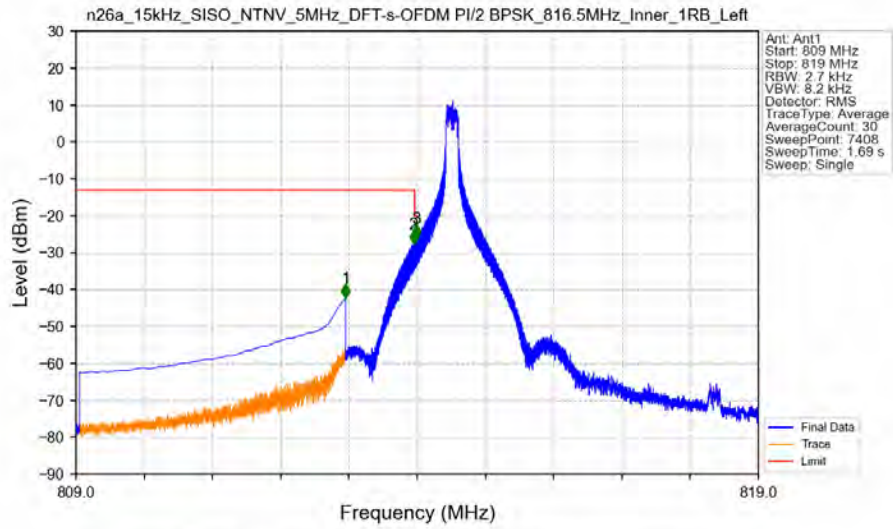
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant0



n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Outer\_Full\_Ant0

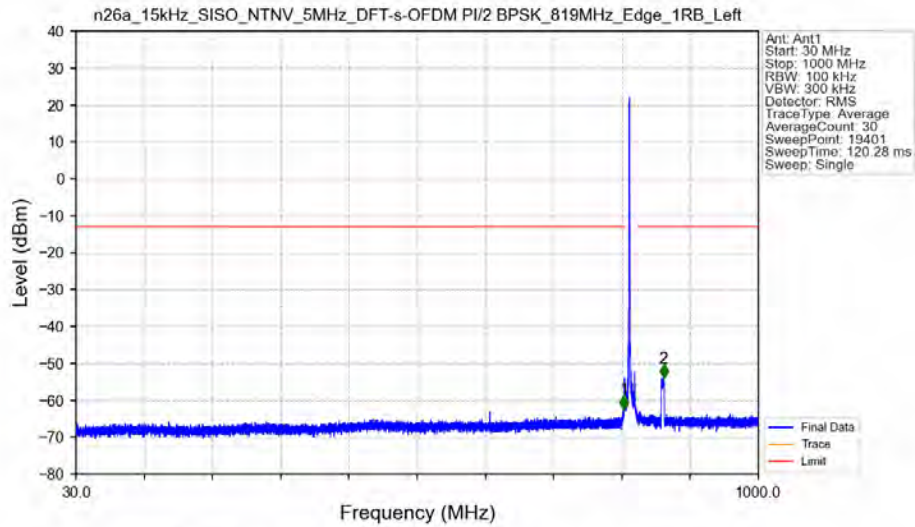


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Inner\_1RB\_Left\_Ant0



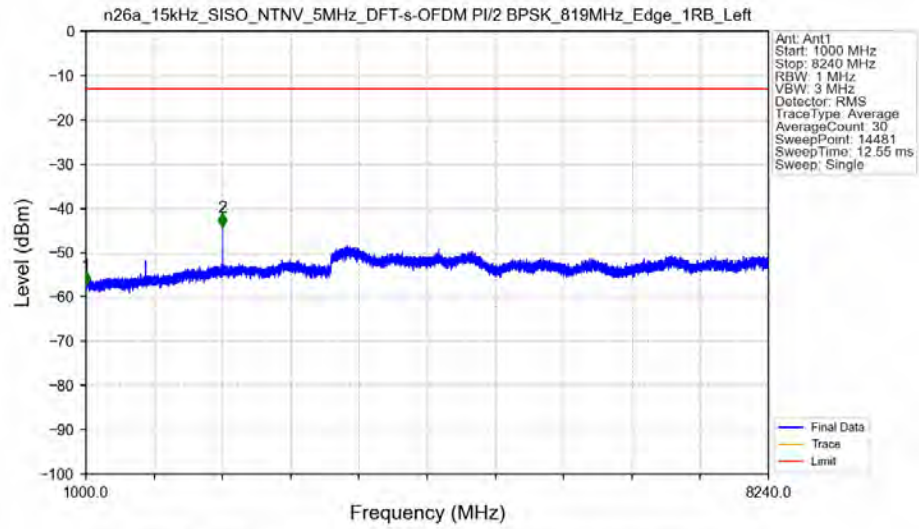
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.949    | -42.37      | -13         | Pass   |
| 813         | 813.963    | 0.0027    | /      | 2          | 813.948    | -27.54      | -13         | Pass   |
| 813.963     | 814        | 0.0027    | /      | 3          | 813.991    | -26.09      | -20         | Pass   |
| 814         | 819        | 0.0027    | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



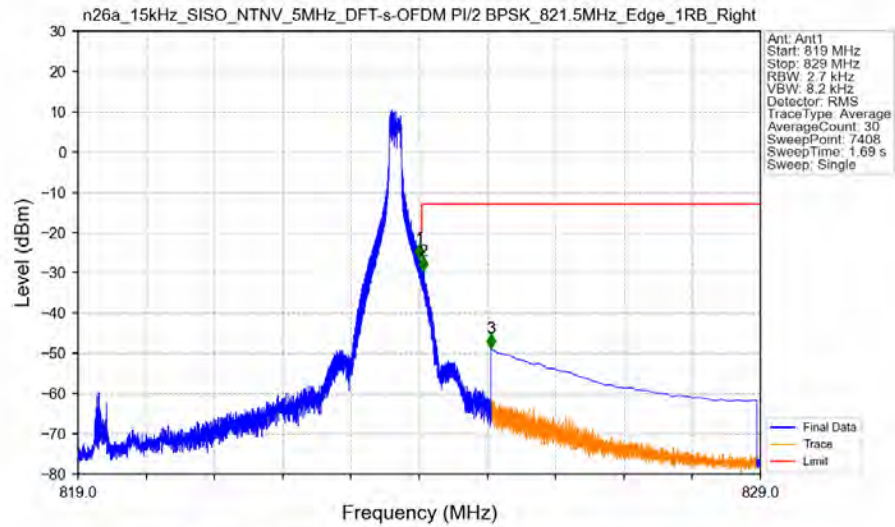
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 808.950    | -62.53      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 865.350    | -53.91      | -13         | Pass   |

n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Left Ant0



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -57.28      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 2450.500   | -44.14      | -13         | Pass   |

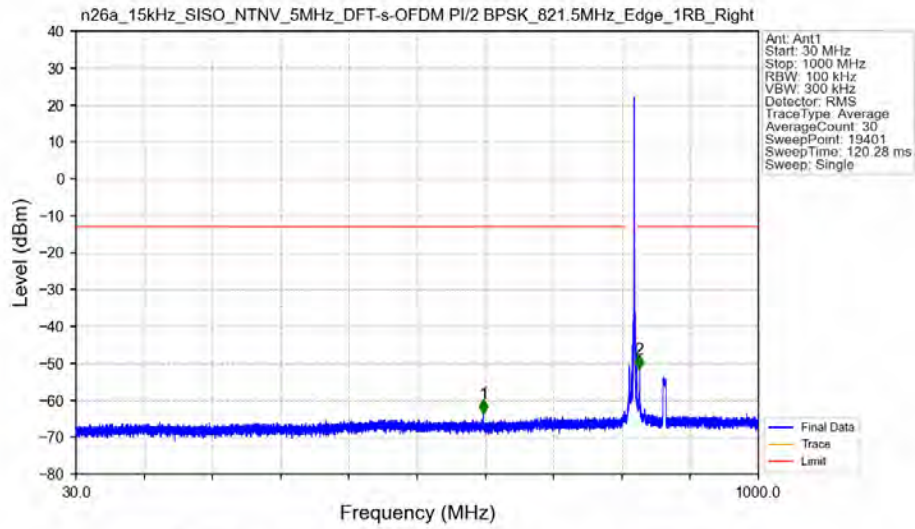
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 821.5MHz Edge 1RB Right Ant0



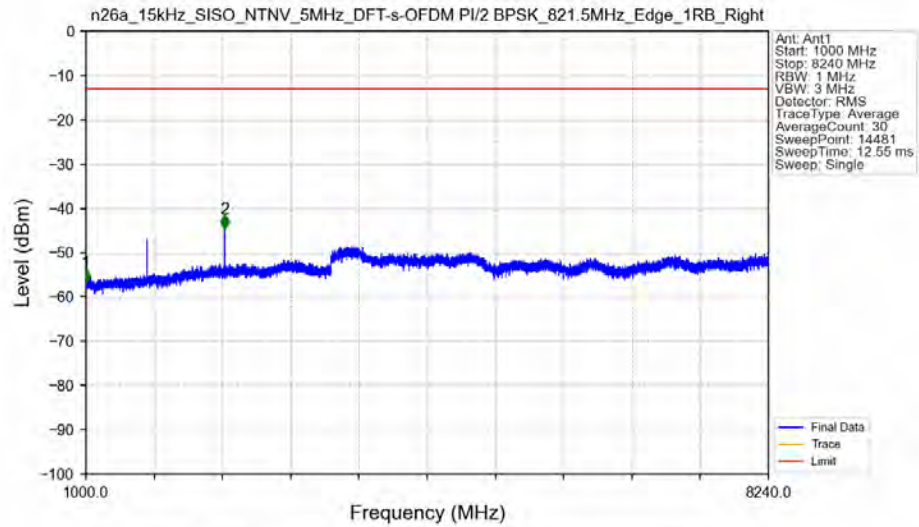
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.0027    | /      | 1          | 824.005    | -26.40      | -20         | Pass   |
| 824.038     | 825        | 0.0027    | /      | 2          | 824.061    | -29.50      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.051    | -48.73      | -13         | Pass   |



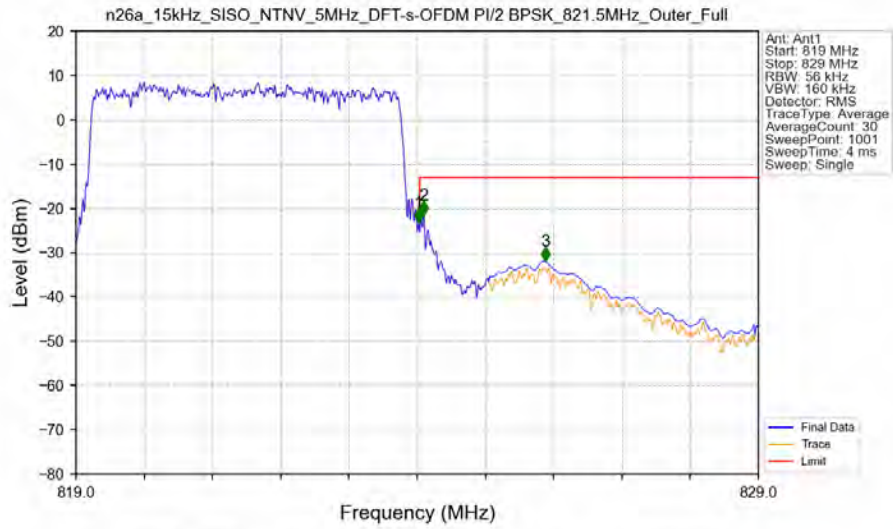
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 821.5MHz Edge 1RB Right Ant0



n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 821.5MHz Edge 1RB Right Ant0

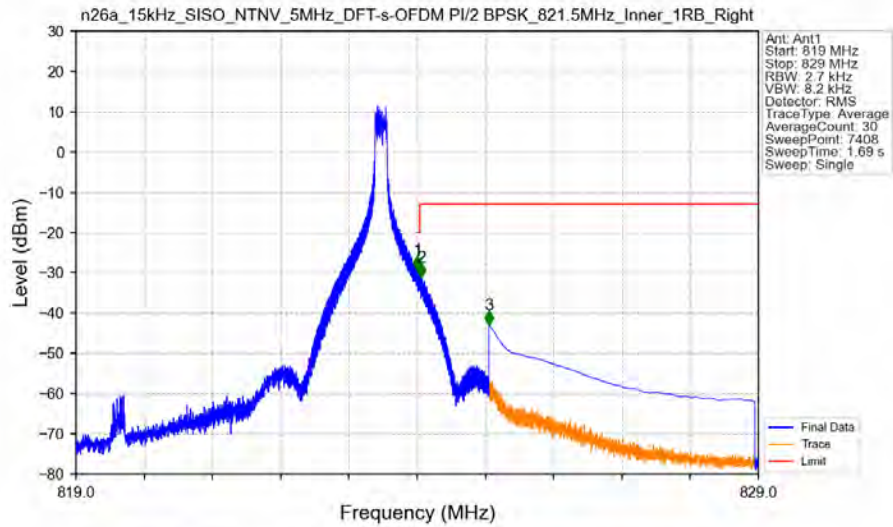


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Outer\_Full\_Ant0



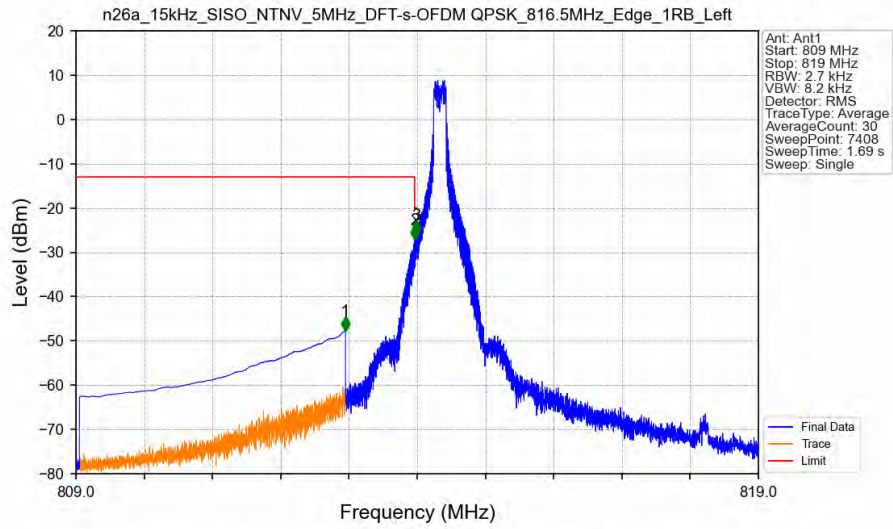
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.056     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.056     | /      | 1          | 824.020    | -23.18      | -20         | Pass   |
| 824.038     | 825        | 0.056     | /      | 2          | 824.100    | -21.46      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.880    | -31.92      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Inner\_1RB\_Right\_Ant0



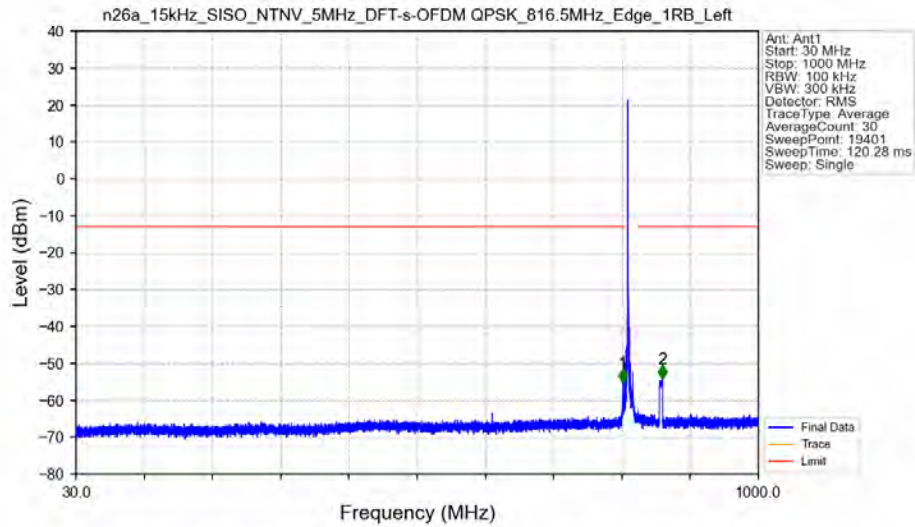
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.0027    | /      | 1          | 824.005    | -29.31      | -20         | Pass   |
| 824.038     | 825        | 0.0027    | /      | 2          | 824.063    | -31.09      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.051    | -42.84      | -13         | Pass   |

n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 816.5MHz Edge 1RB Left Ant0



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.945    | -47.64      | -13         | Pass   |
| 813         | 813.963    | 0.0027    | /      | 2          | 813.962    | -27.13      | -13         | Pass   |
| 813.963     | 814        | 0.0027    | /      | 3          | 813.990    | -25.99      | -20         | Pass   |
| 814         | 819        | 0.0027    | /      | /          | /          | /           | /           | /      |

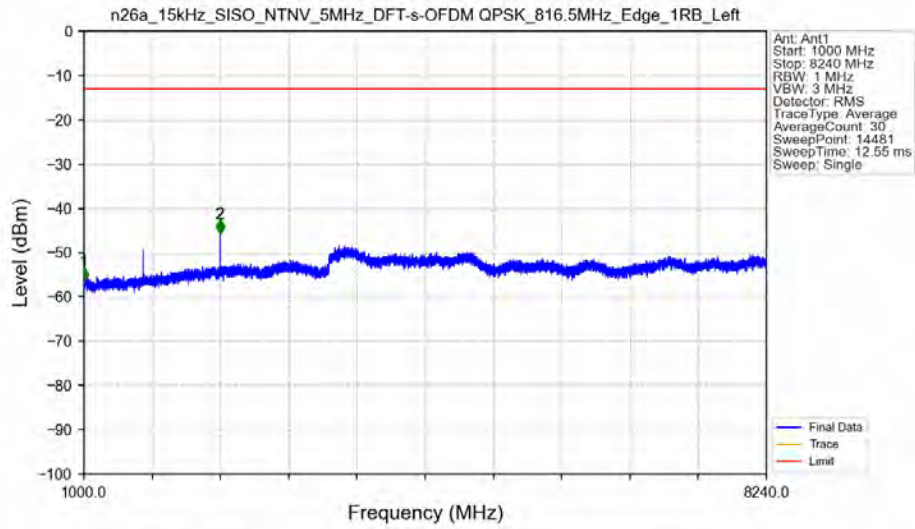
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 816.5MHz Edge 1RB Left Ant0



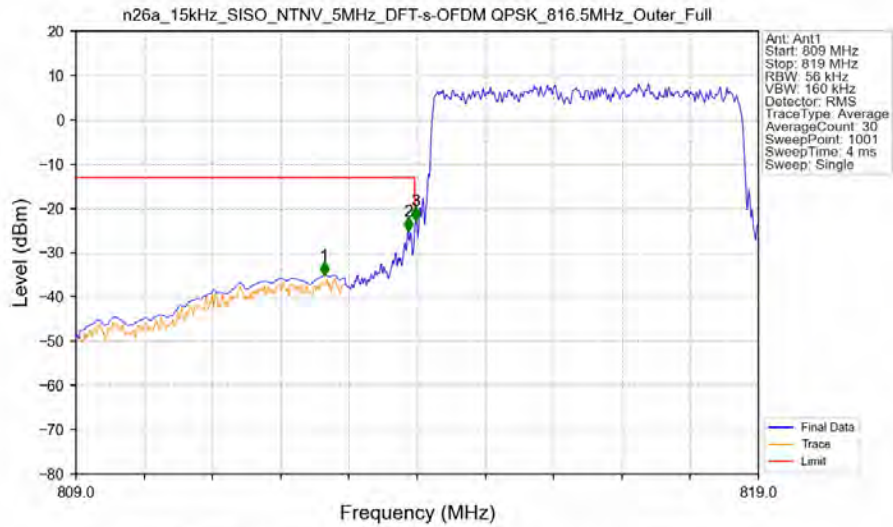
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 813        | 0.1       | /      | 1          | 807.050    | -55.13      | -13         | Pass   |
| 813         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 863.400    | -54.06      | -13         | Pass   |



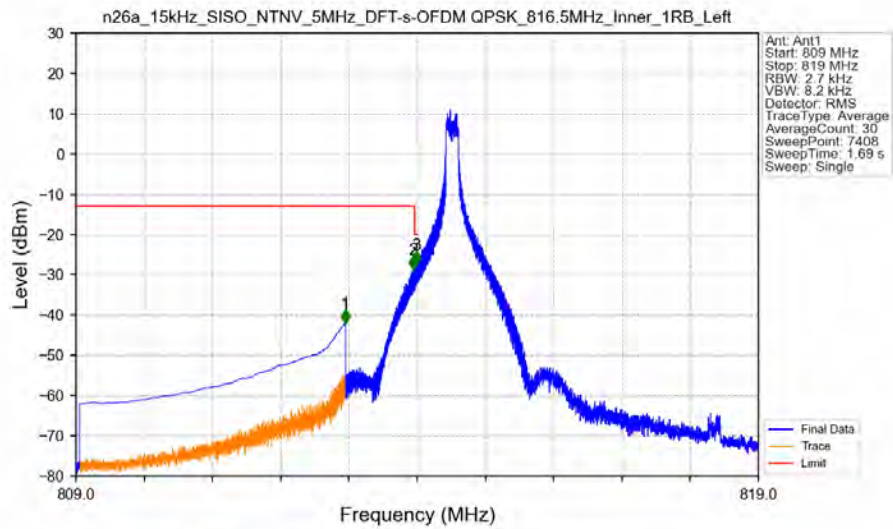
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 816.5MHz Edge 1RB Left Ant0



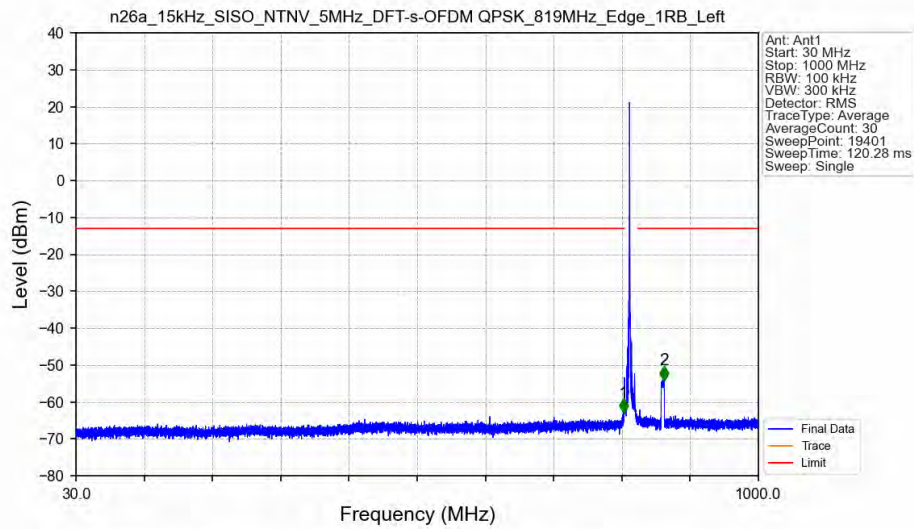
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 816.5MHz Outer Full Ant0



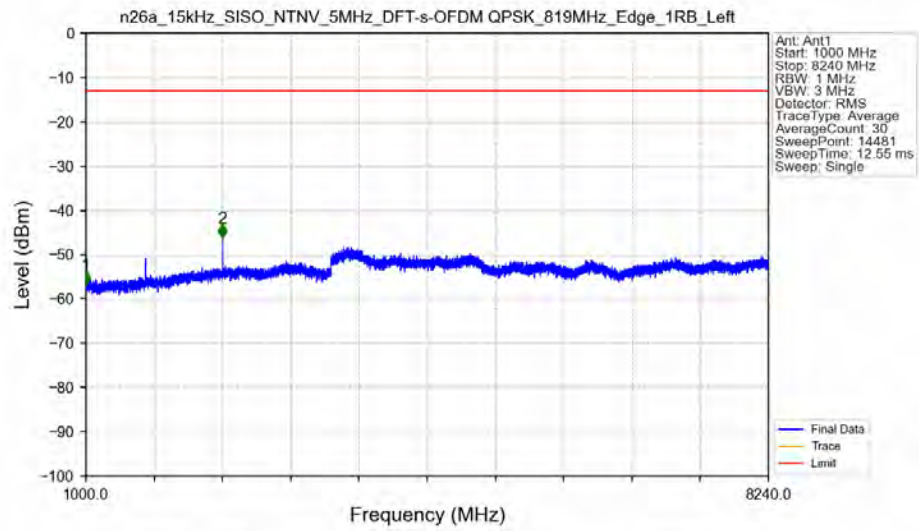
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 816.5MHz Inner 1RB Left Ant0



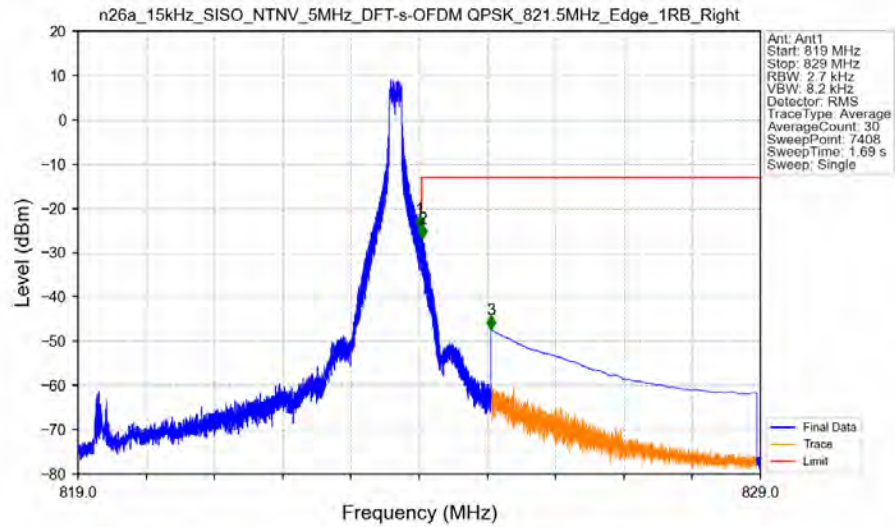
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Left Ant0



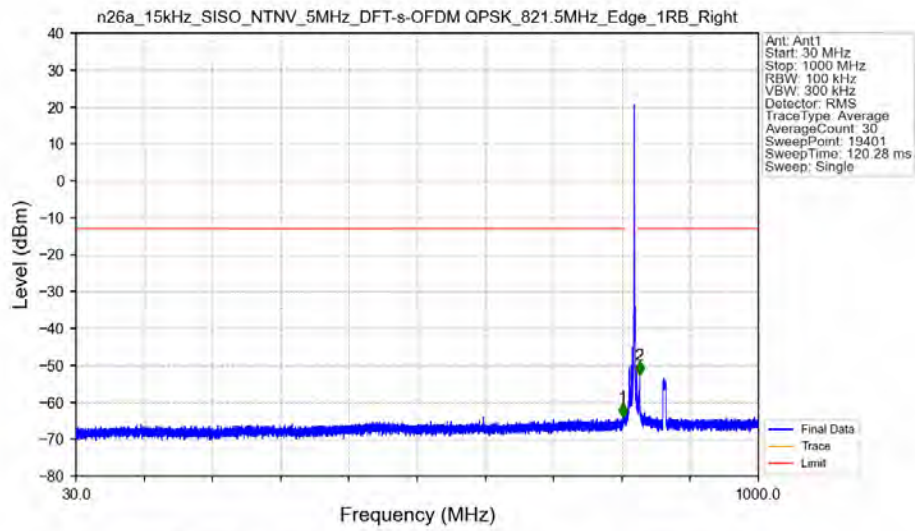
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0

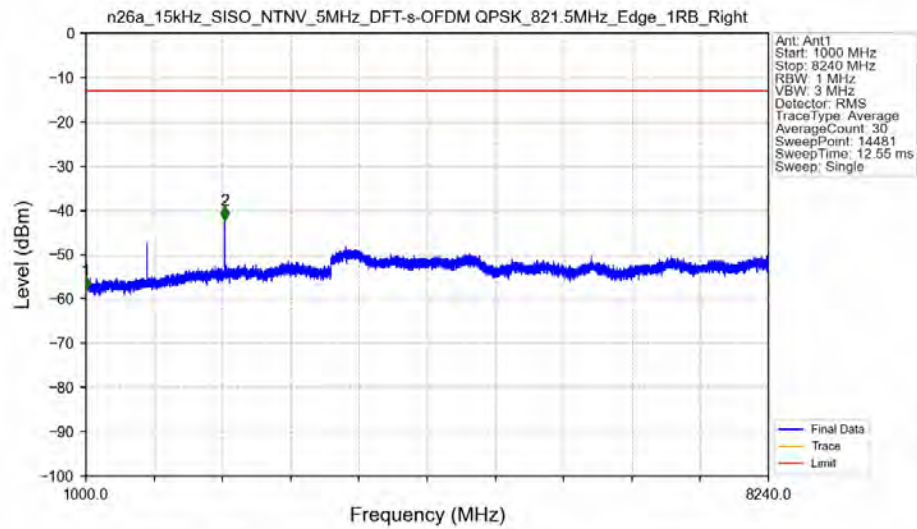


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 806.900    | -64.07      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 830.950    | -52.58      | -13         | Pass   |

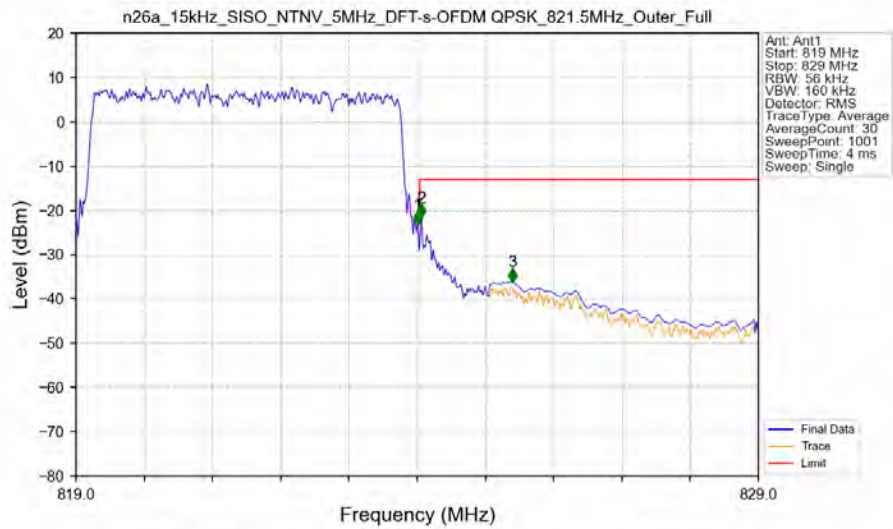
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0



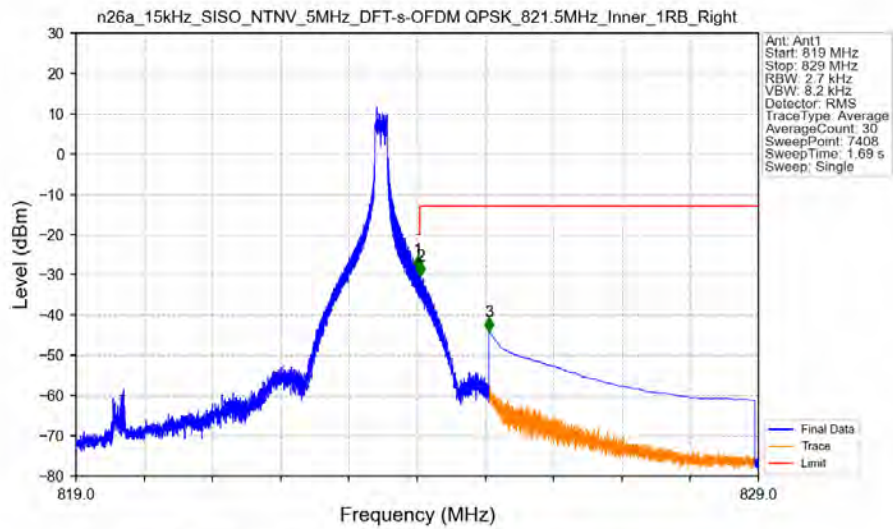
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -58.02      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 2471.000   | -42.24      | -13         | Pass   |



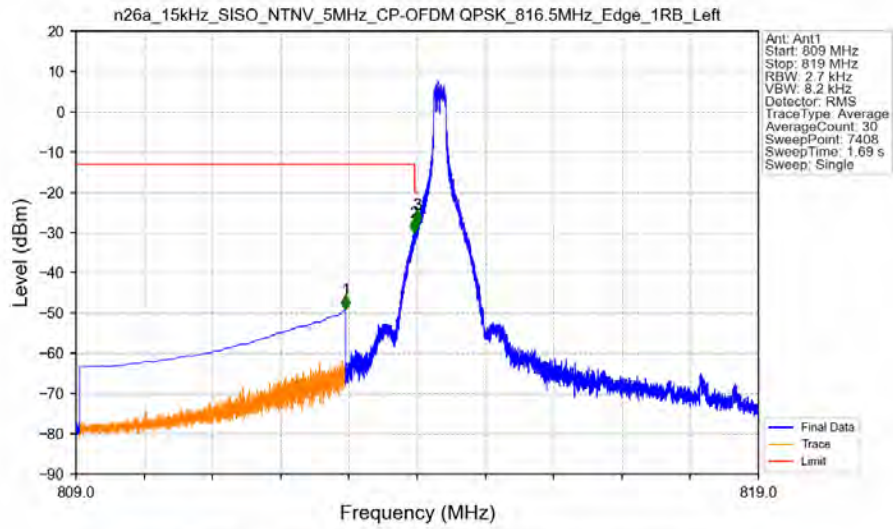
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 821.5MHz Outer Full Ant0



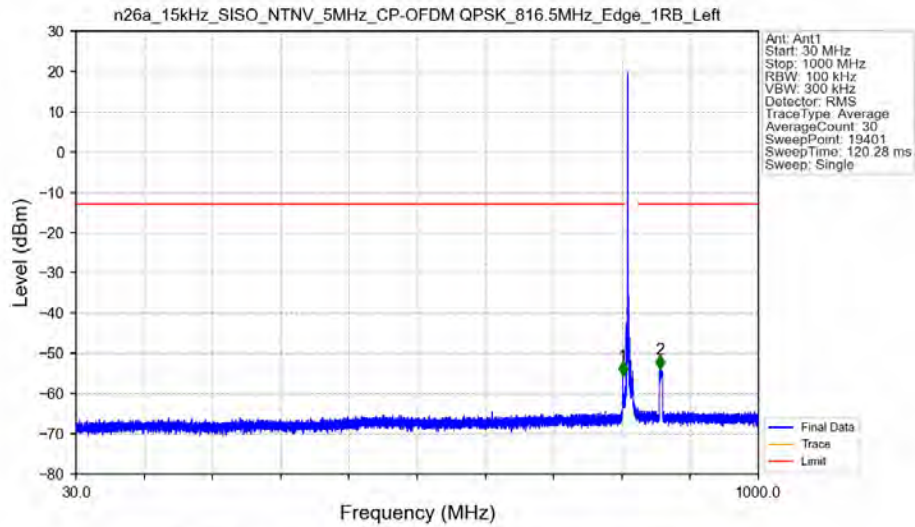
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 821.5MHz Inner 1RB Right Ant0



n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 816.5MHz Edge 1RB Left Ant0

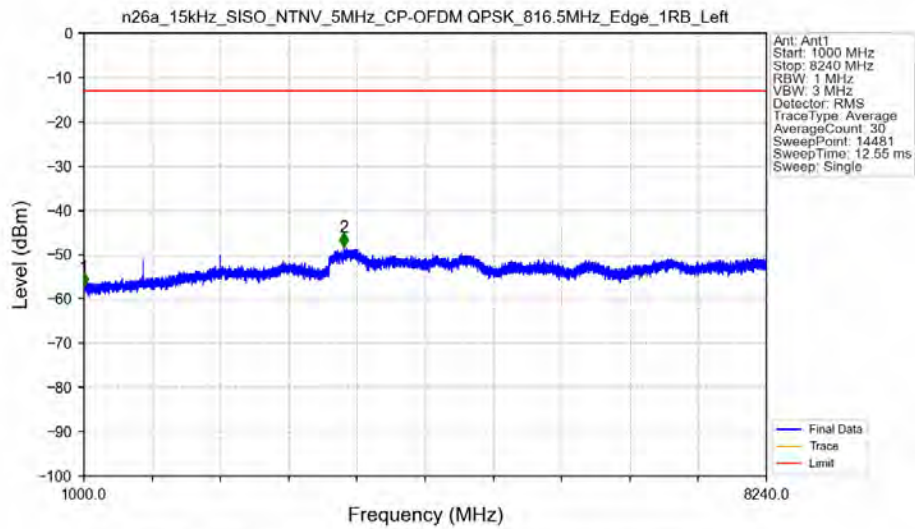


n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 816.5MHz Edge 1RB Left Ant0

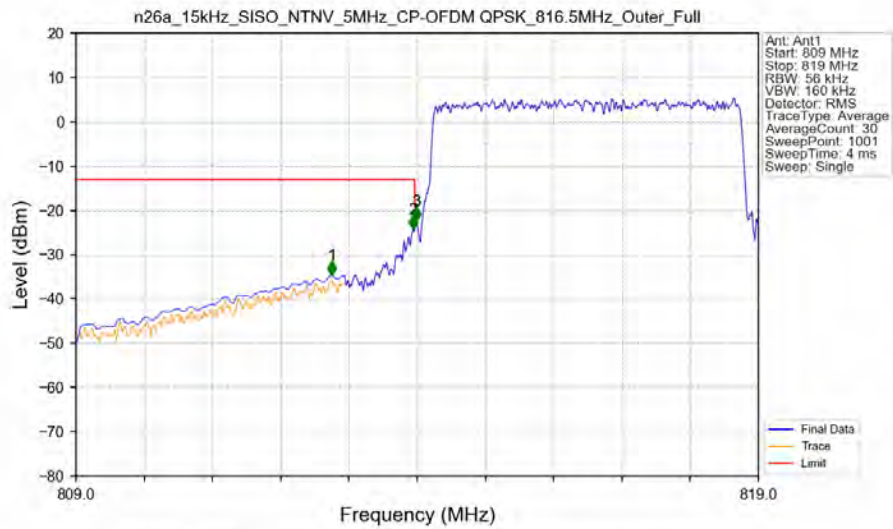




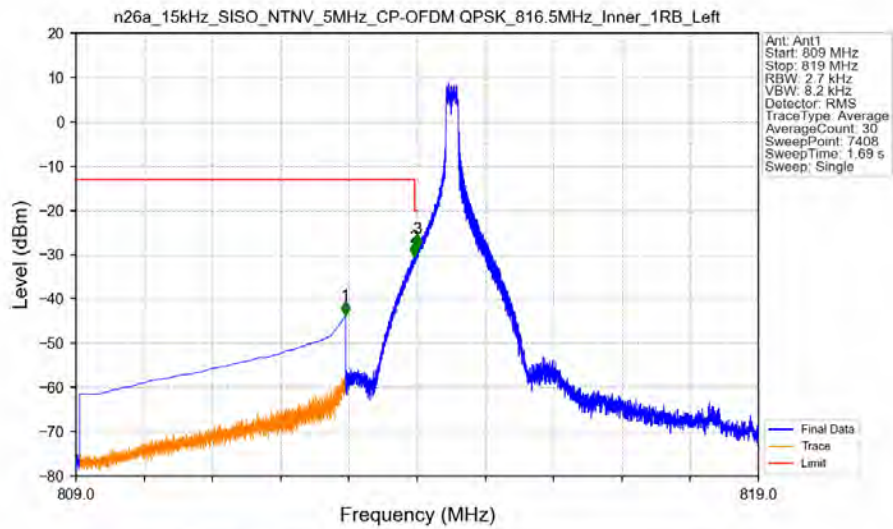
n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 816.5MHz Edge 1RB Left Ant0



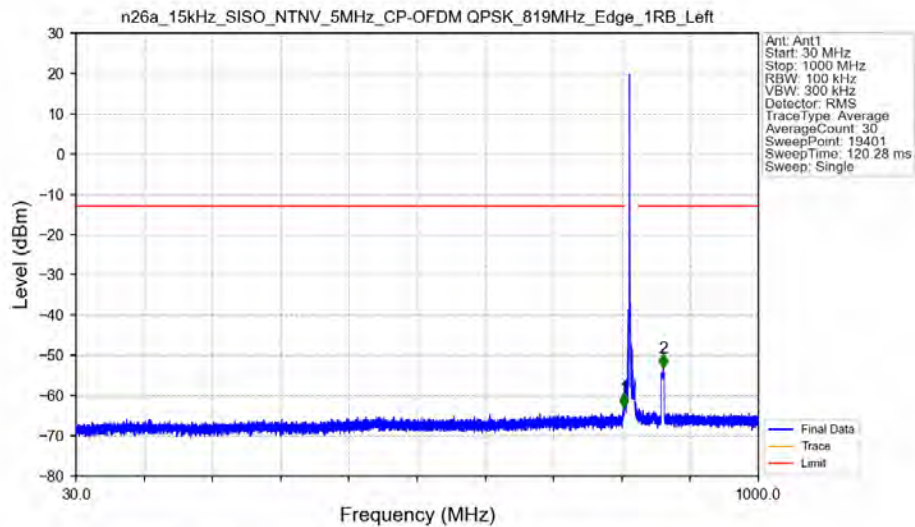
n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 816.5MHz Outer Full Ant0



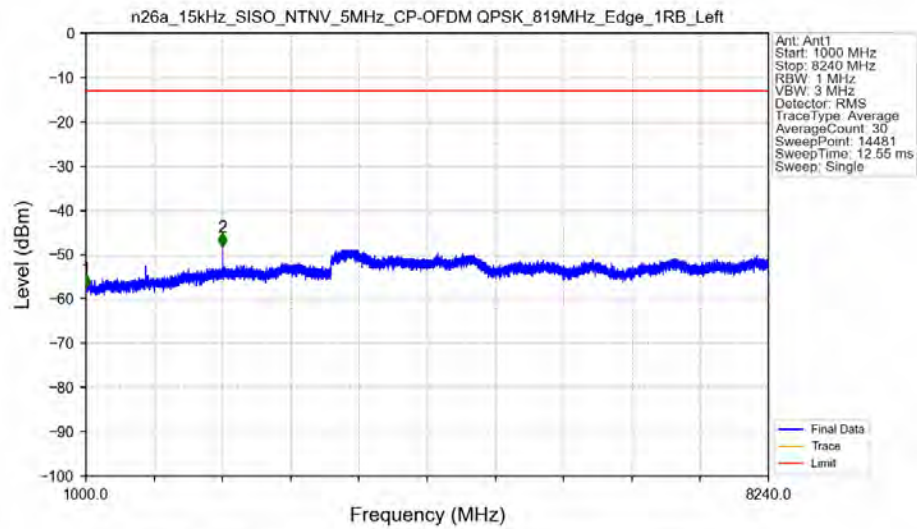
n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 816.5MHz Inner 1RB Left Ant0



n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 819MHz Edge 1RB Left Ant0

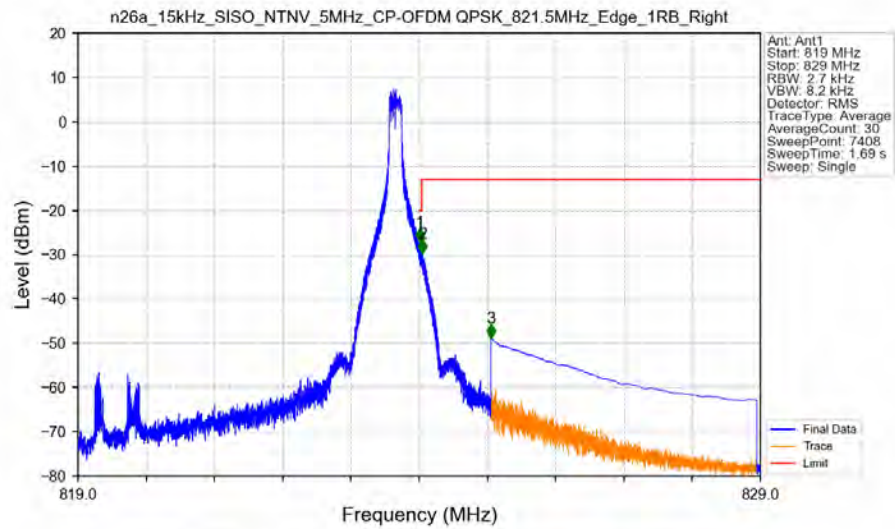


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



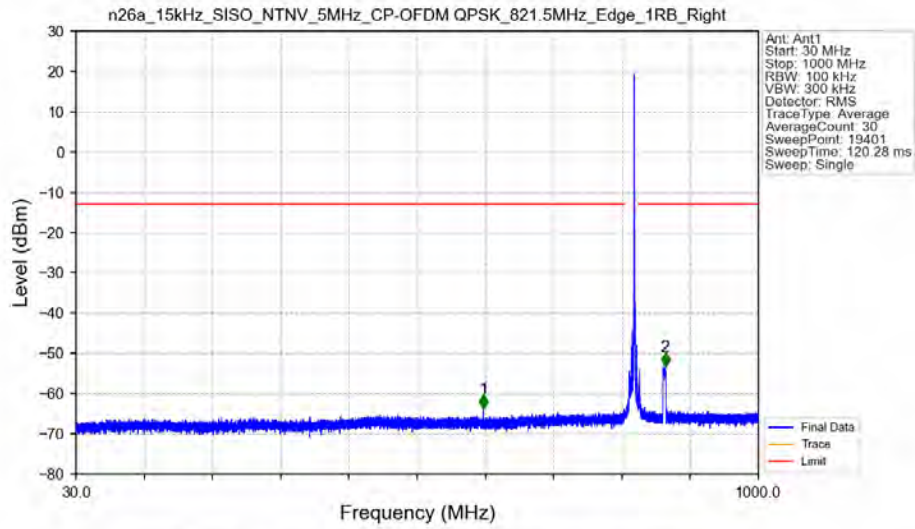
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -57.42      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 2450.500   | -48.15      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0

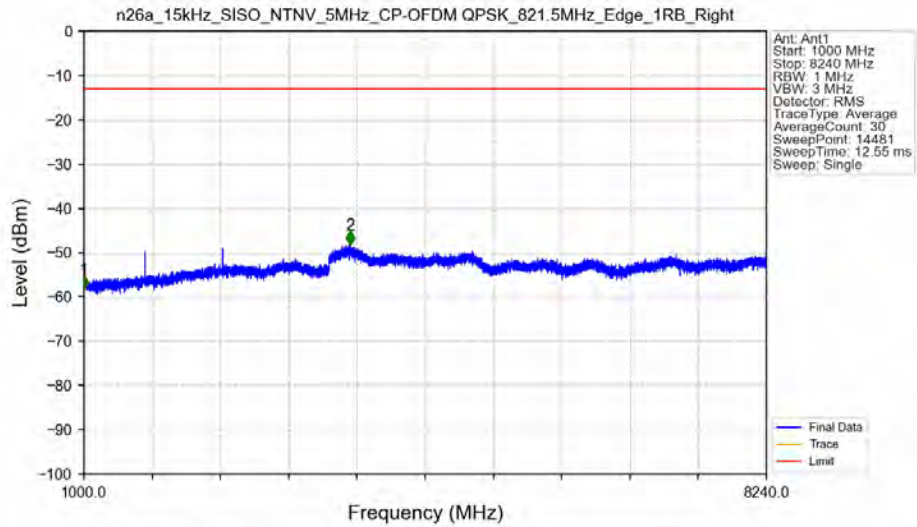


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.0027    | /      | 1          | 824.007    | -27.05      | -20         | Pass   |
| 824.038     | 825        | 0.0027    | /      | 2          | 824.049    | -29.72      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.051    | -48.75      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0

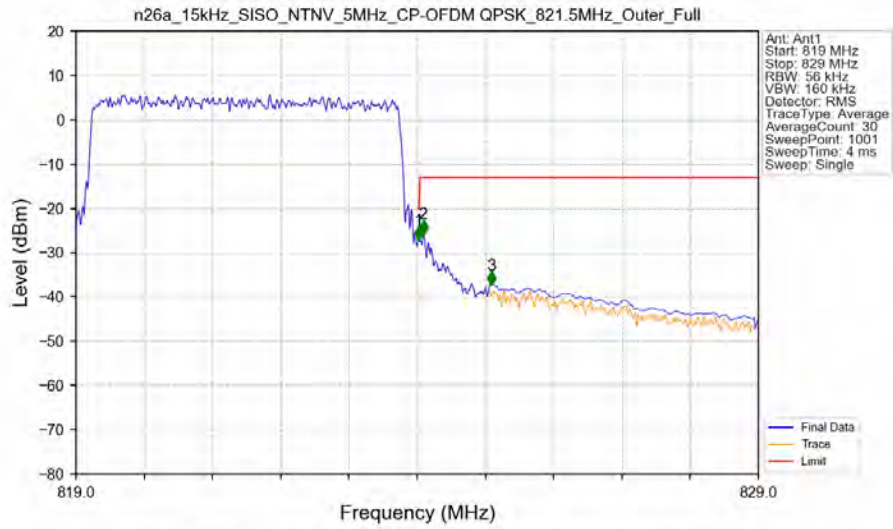


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant0

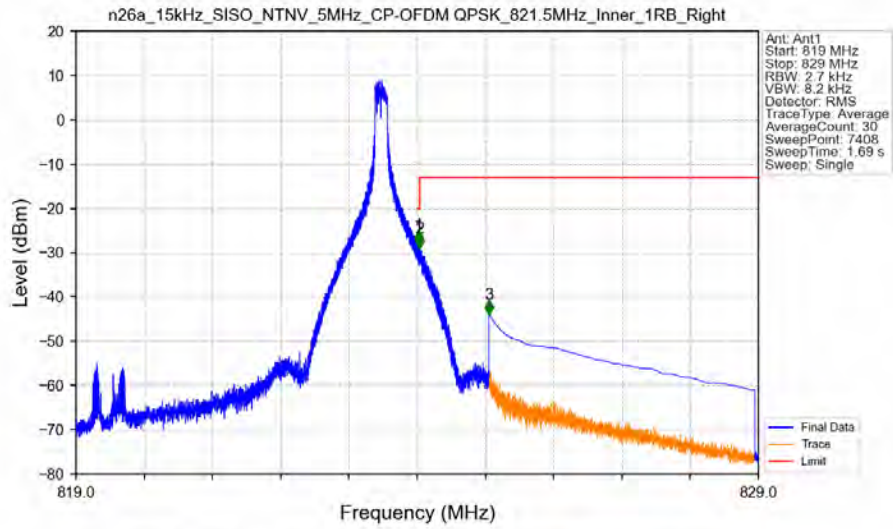




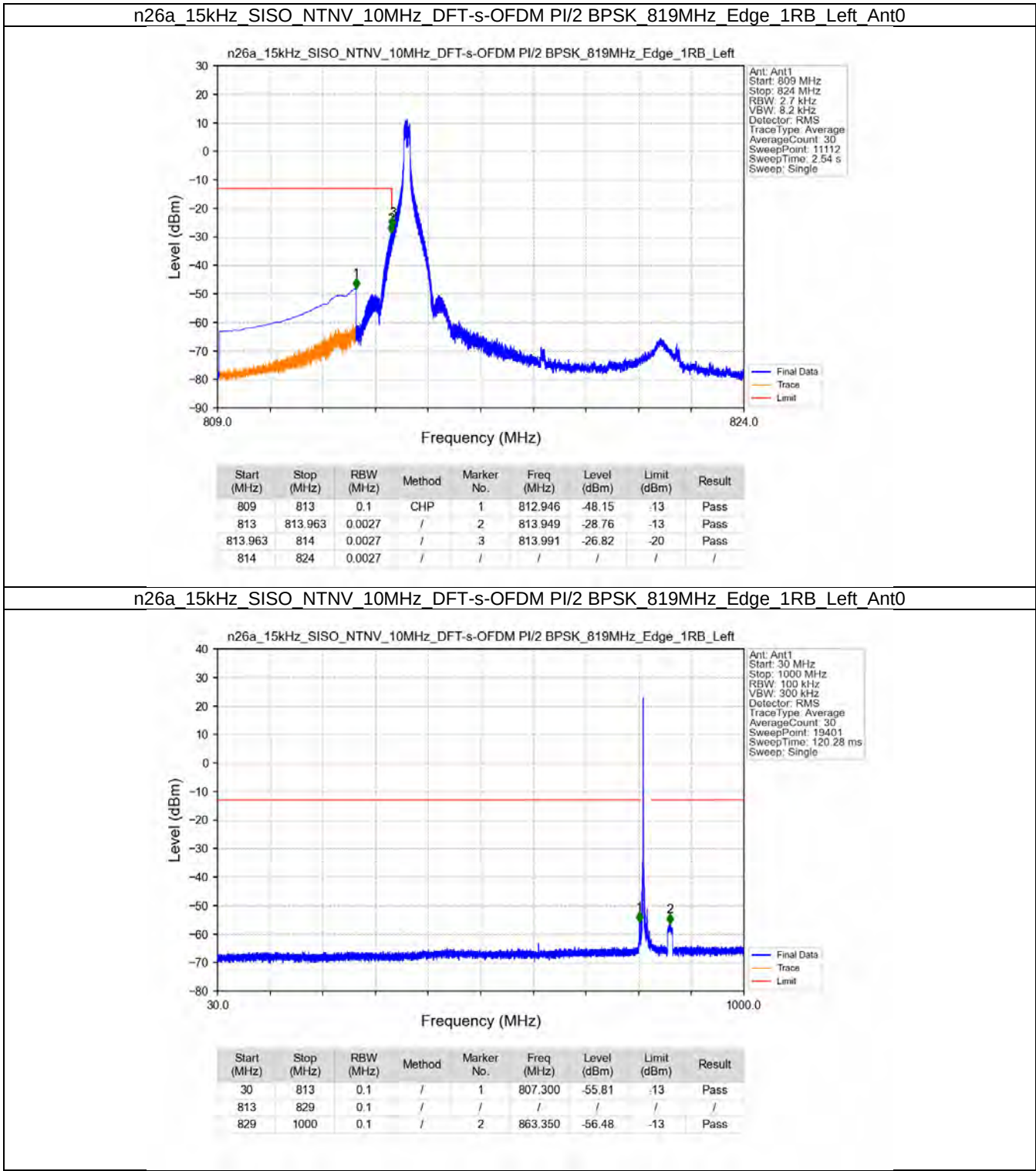
n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 821.5MHz Outer Full Ant0



n26a 15kHz SISO NTN 5MHz CP-OFDM QPSK 821.5MHz Inner 1RB Right Ant0

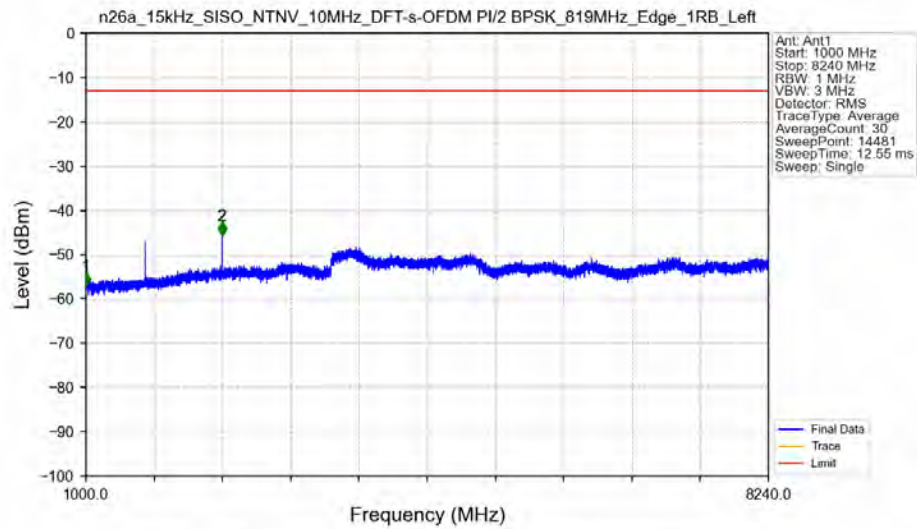


5.2.2 15k\_SISO\_10MHz\_NTNV

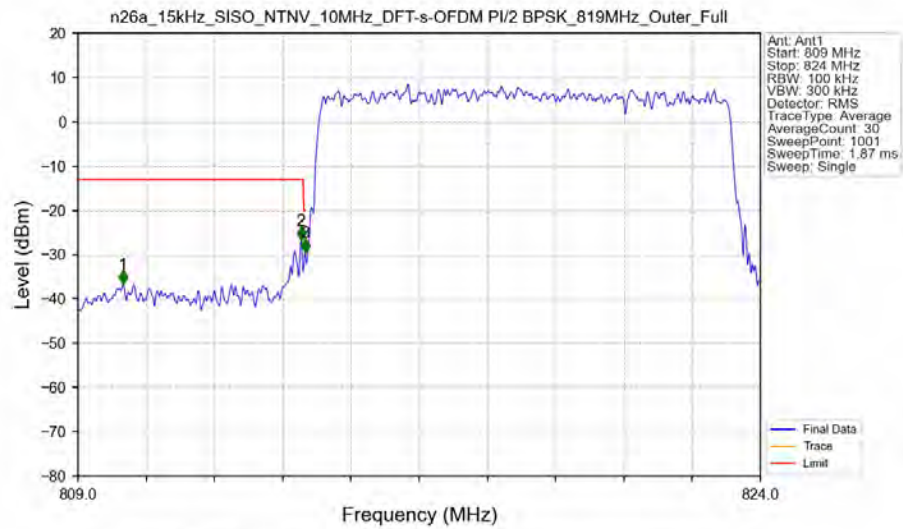




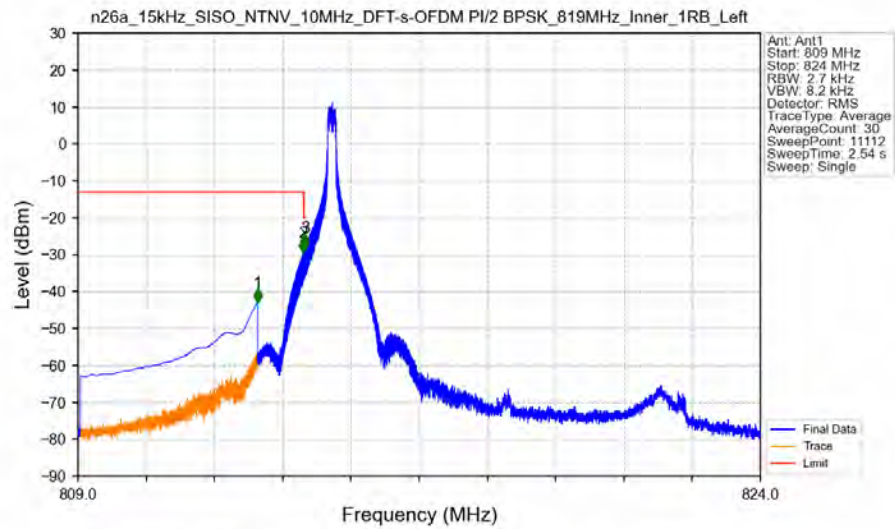
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Left Ant0



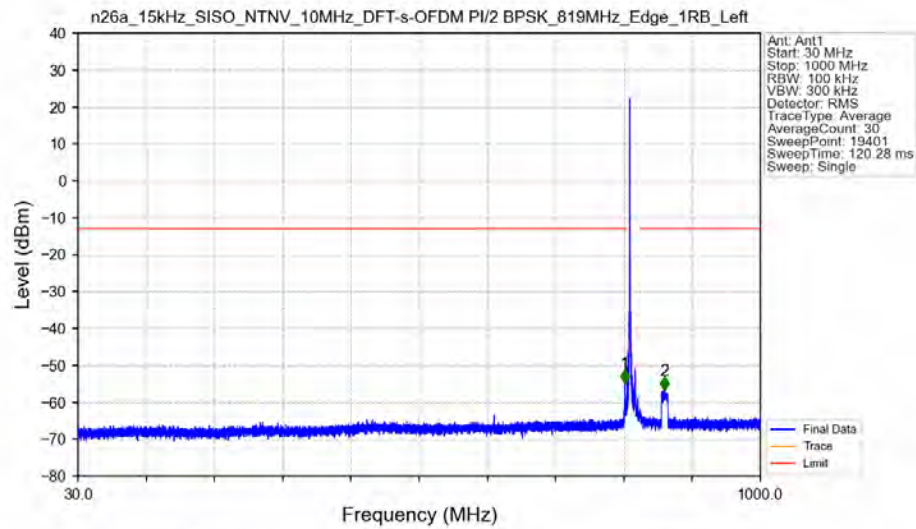
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Outer Full Ant0



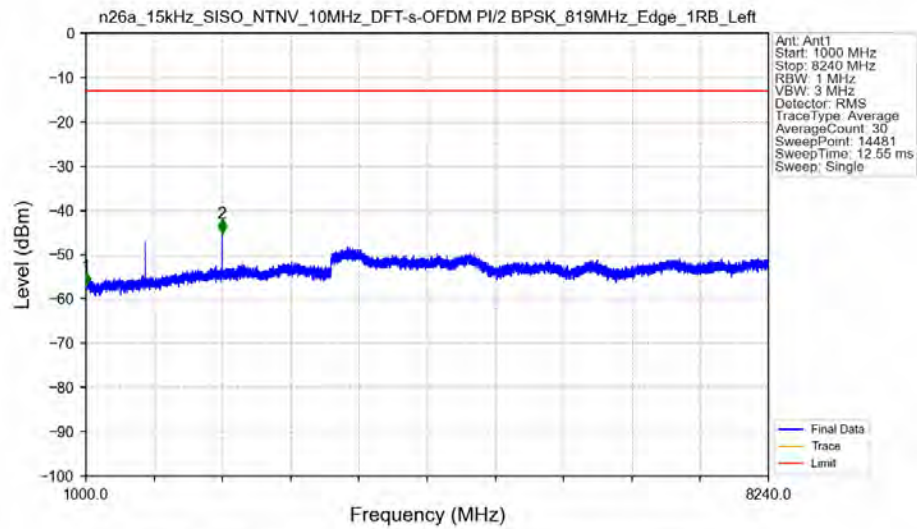
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Inner 1RB Left Ant0



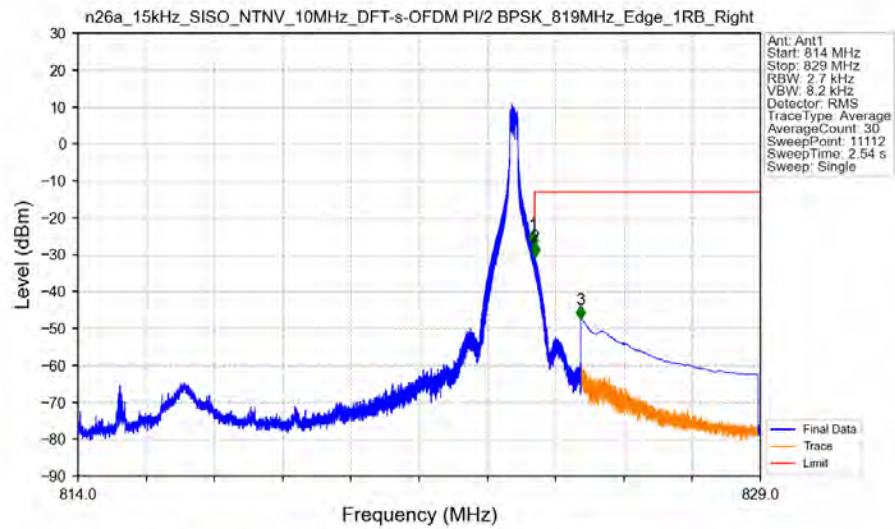
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Left Ant0



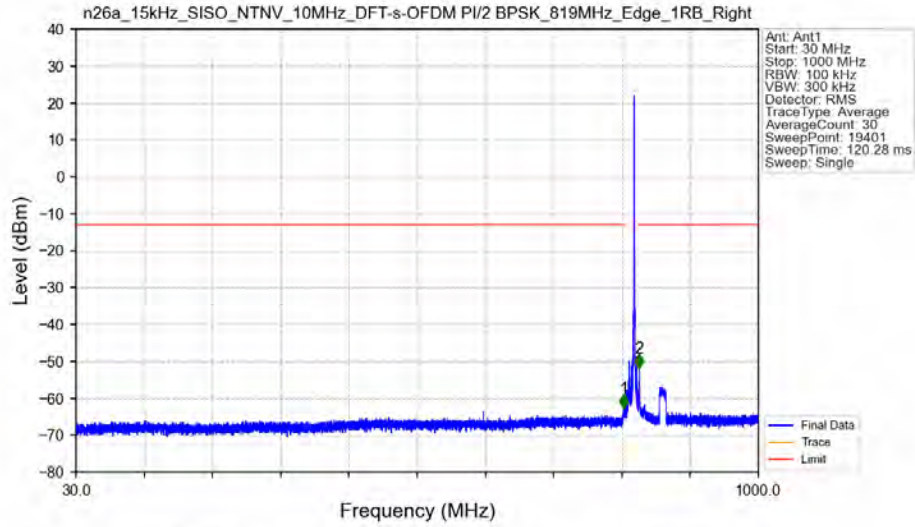
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Left Ant0



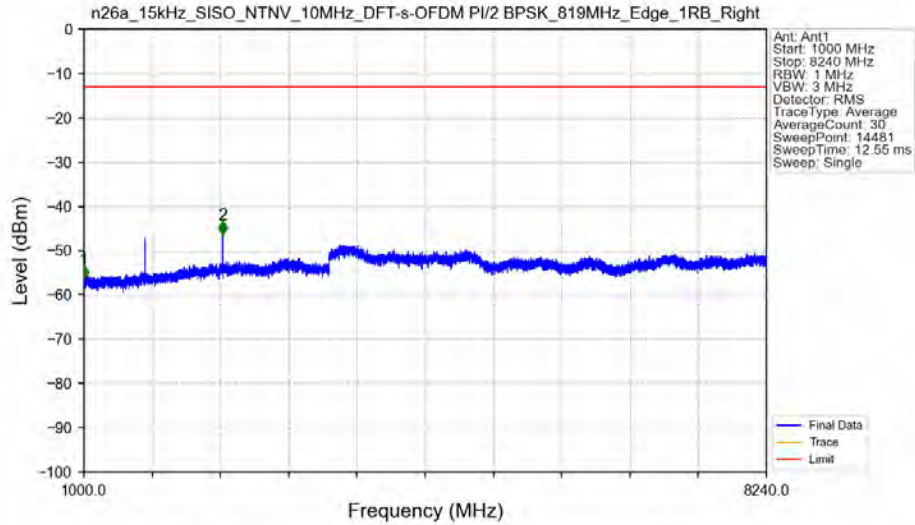
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Right Ant0



n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Right\_Ant0

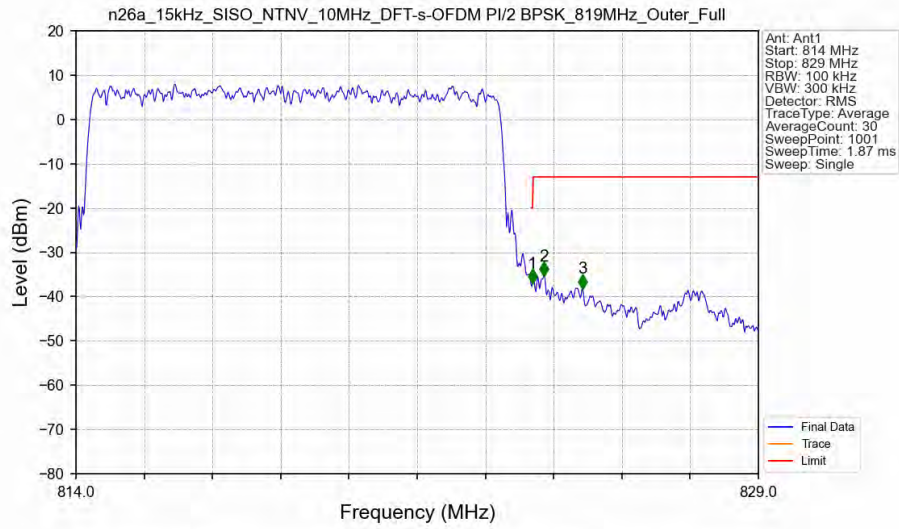


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Right\_Ant0



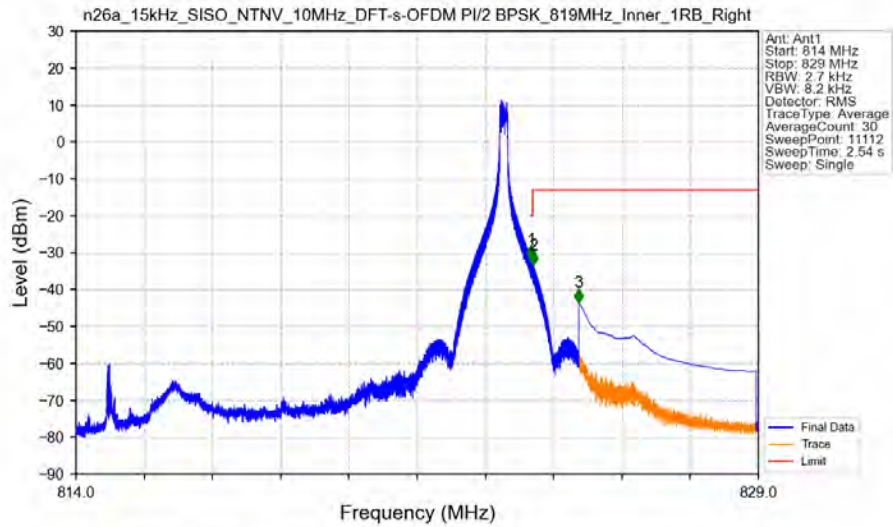


n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Outer Full Ant0



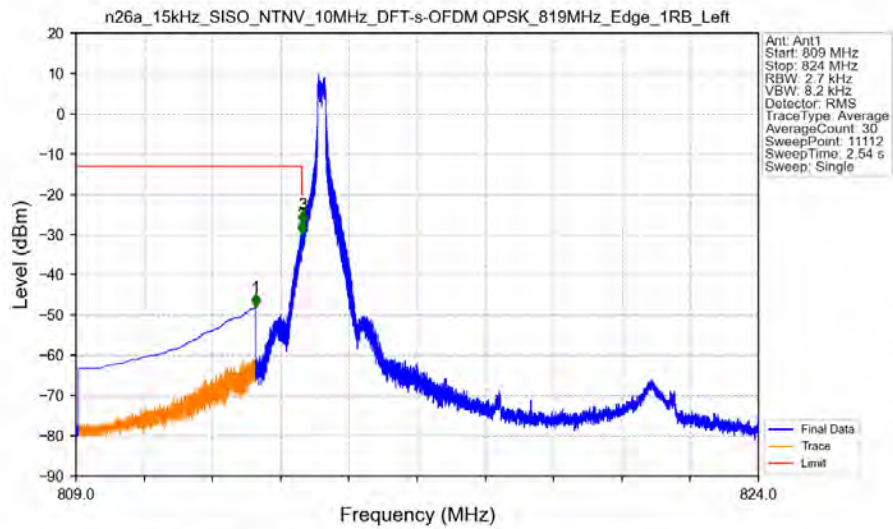
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.1       | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.1       | /      | 1          | 824.035    | -37.02      | -20         | Pass   |
| 824.038     | 825        | 0.1       | /      | 2          | 824.290    | -35.29      | -13         | Pass   |
| 825         | 829        | 0.1       | /      | 3          | 825.130    | -38.14      | -13         | Pass   |

n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Inner 1RB Right Ant0

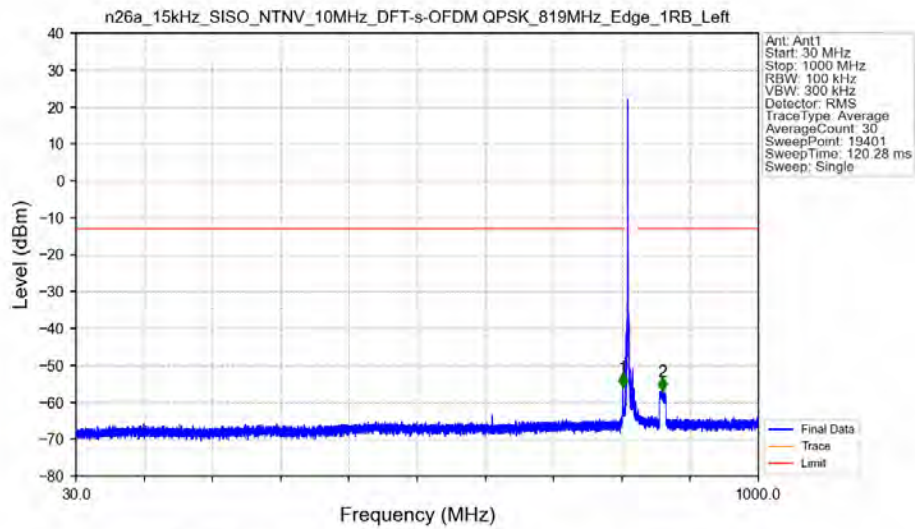


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.0027    | /      | 1          | 824.005    | -31.88      | -20         | Pass   |
| 824.038     | 825        | 0.0027    | /      | 2          | 824.049    | -33.28      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.051    | -43.49      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0

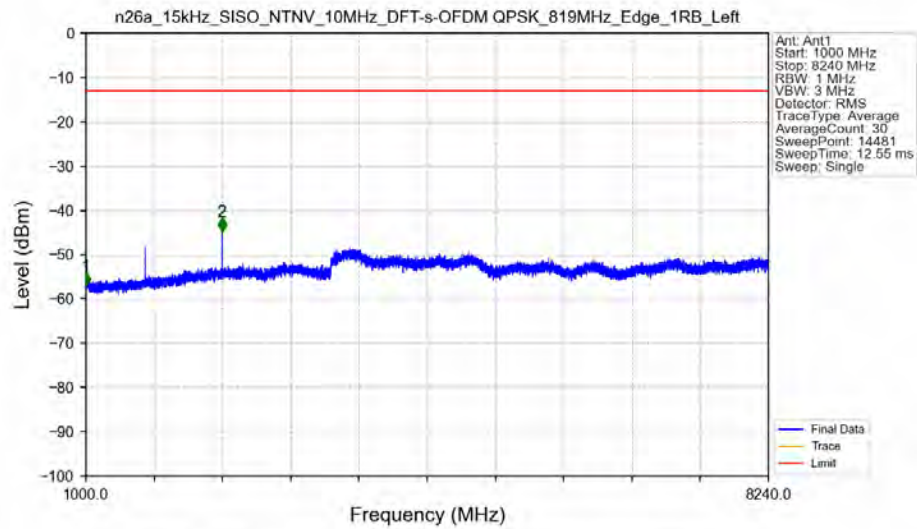


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0

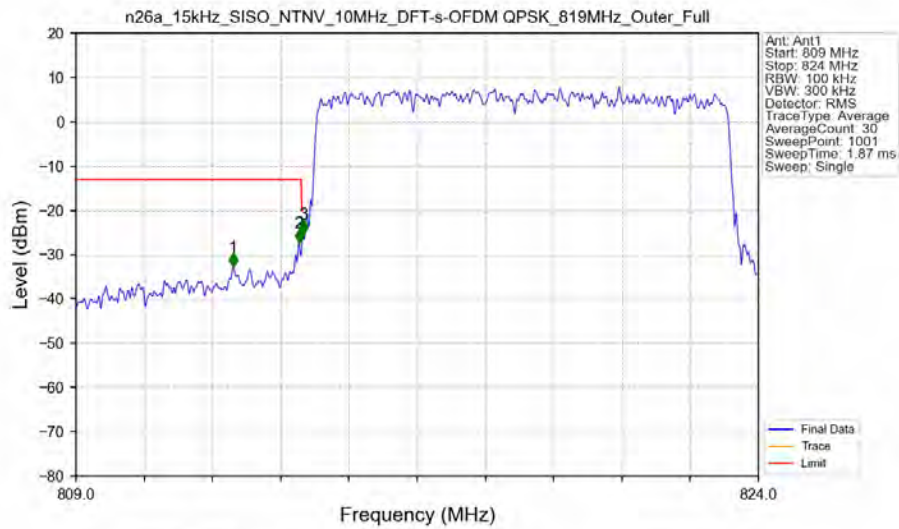




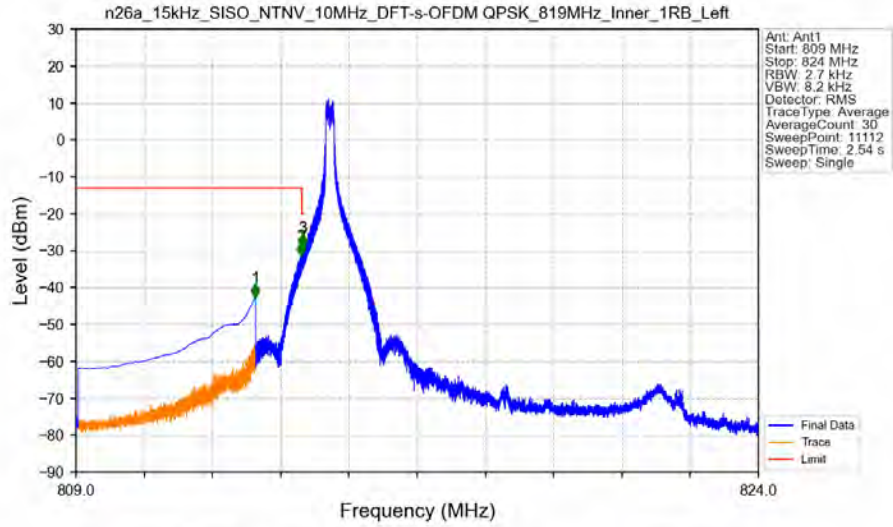
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Left Ant0



n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0

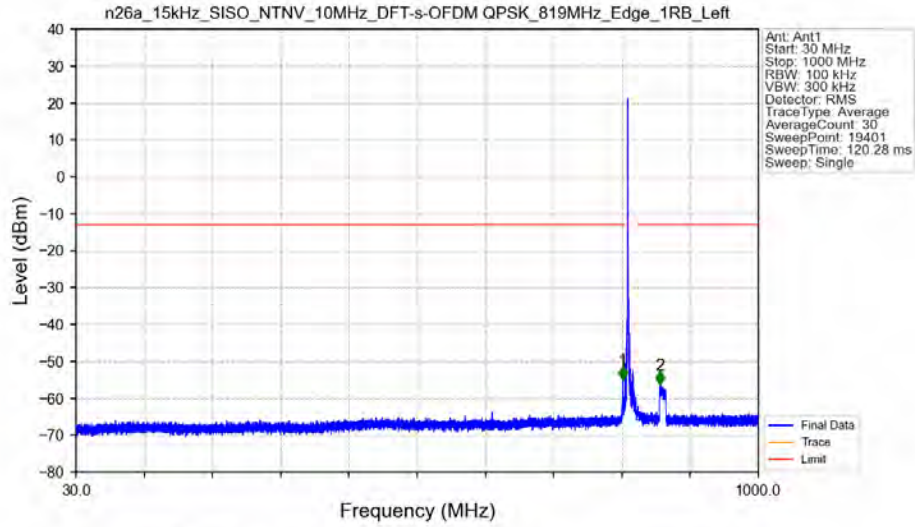


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Inner\_1RB\_Left\_Ant0



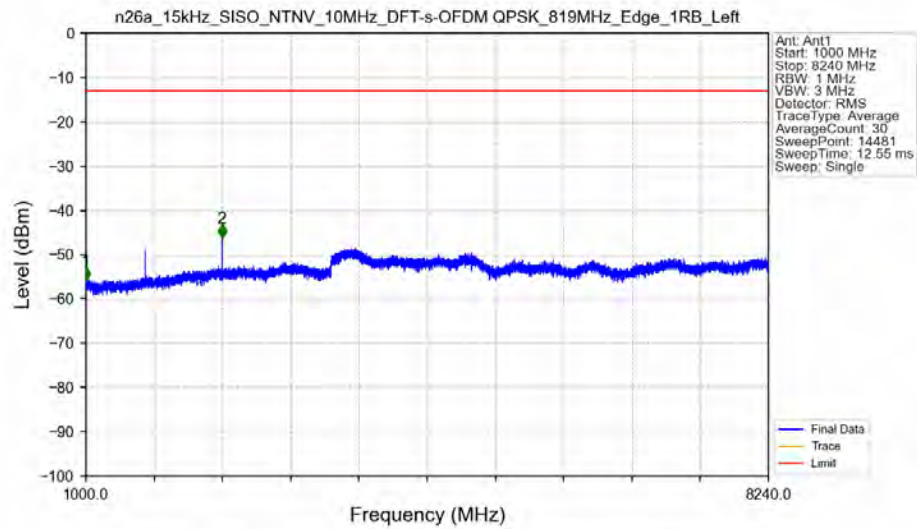
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.945    | -42.66      | -13         | Pass   |
| 813         | 813.963    | 0.0027    | /      | 2          | 813.946    | -31.28      | -13         | Pass   |
| 813.963     | 814        | 0.0027    | /      | 3          | 813.990    | -29.10      | -20         | Pass   |
| 814         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0

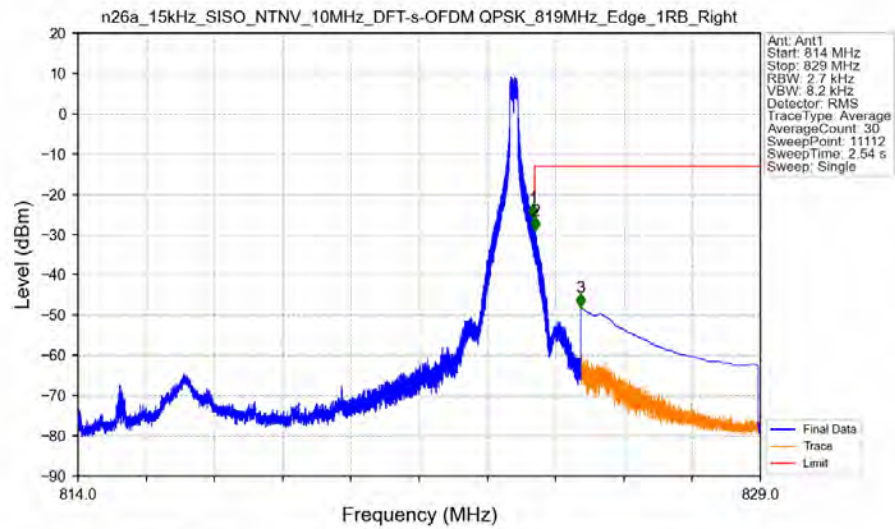


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 807.200    | -55.07      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 860.200    | -56.41      | -13         | Pass   |

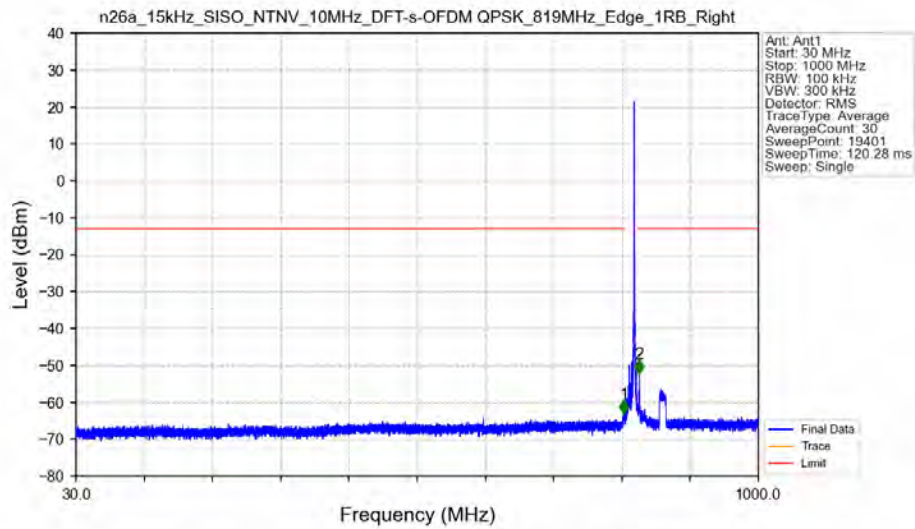
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Left Ant0



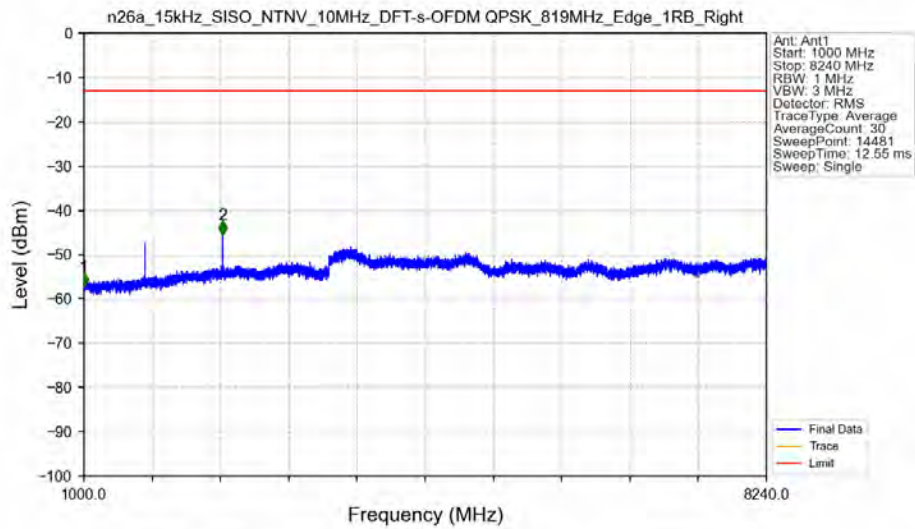
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Right Ant0



n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Right Ant0

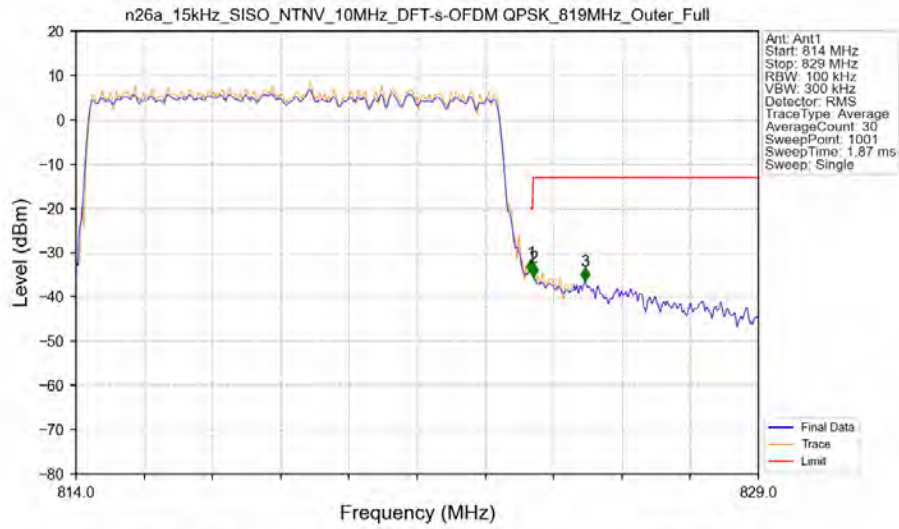


n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Edge 1RB Right Ant0

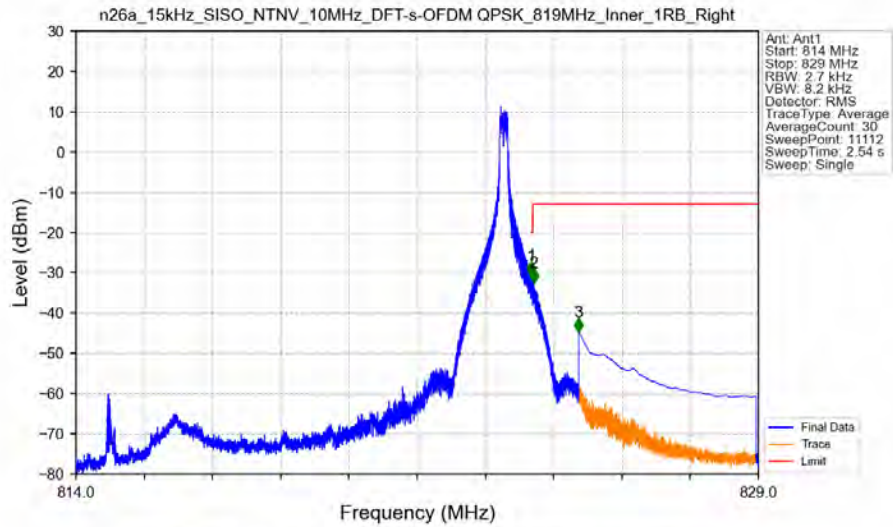




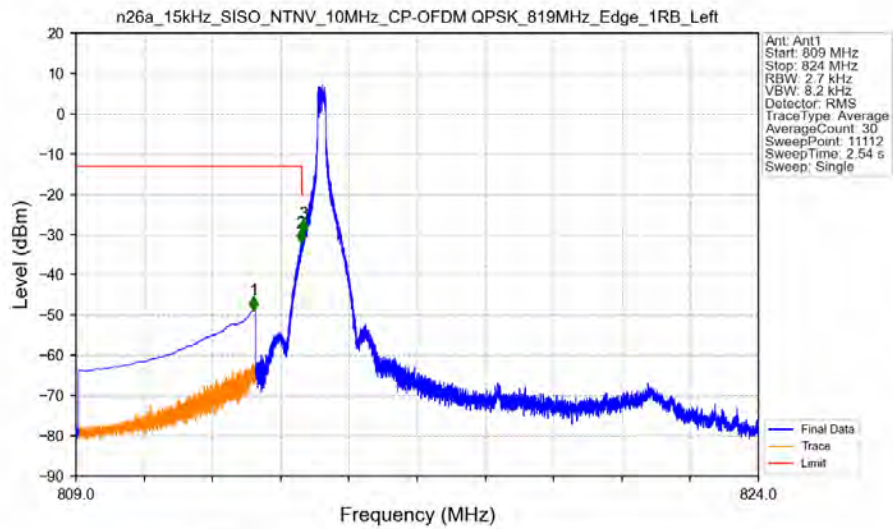
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Outer Full Ant0



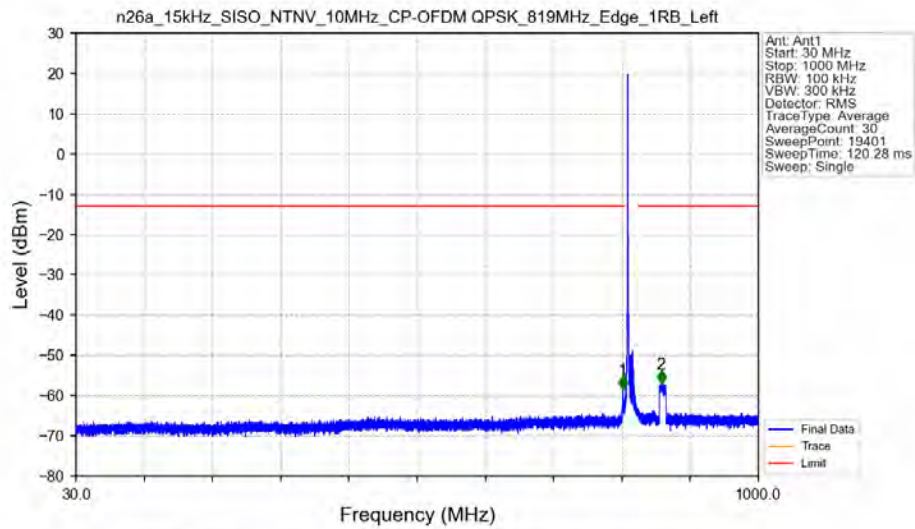
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 819MHz Inner 1RB Right Ant0



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0

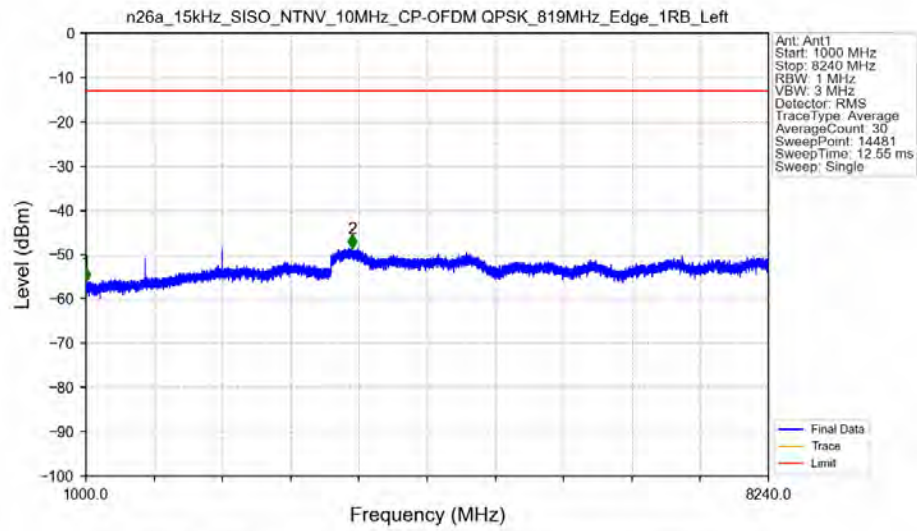


n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



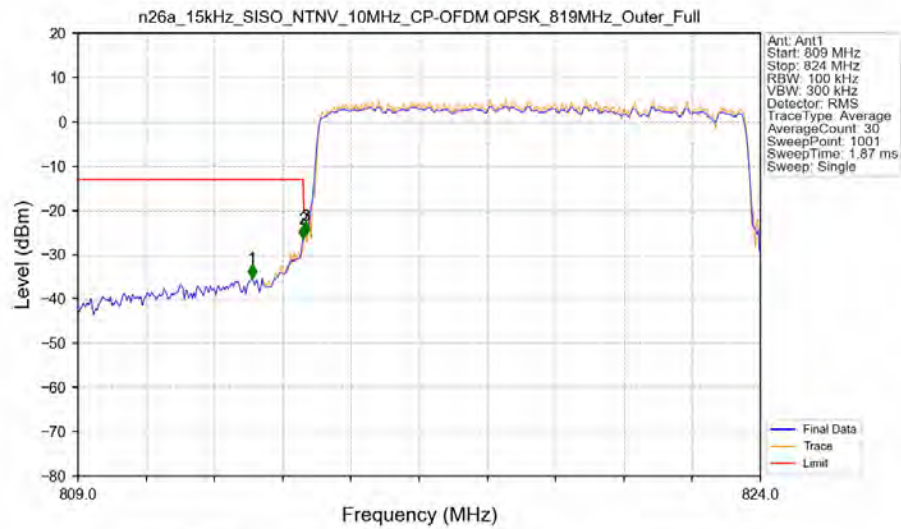


# n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



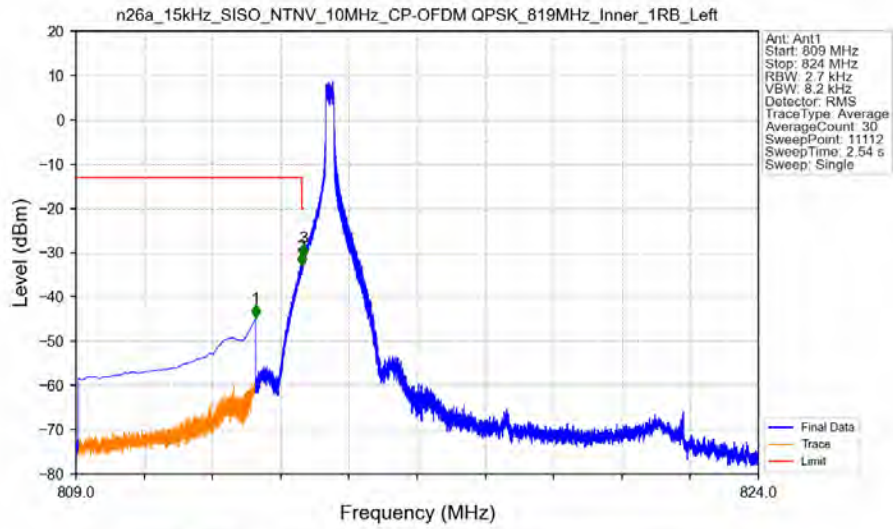
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -56.09      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 3822.000   | -48.53      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant0



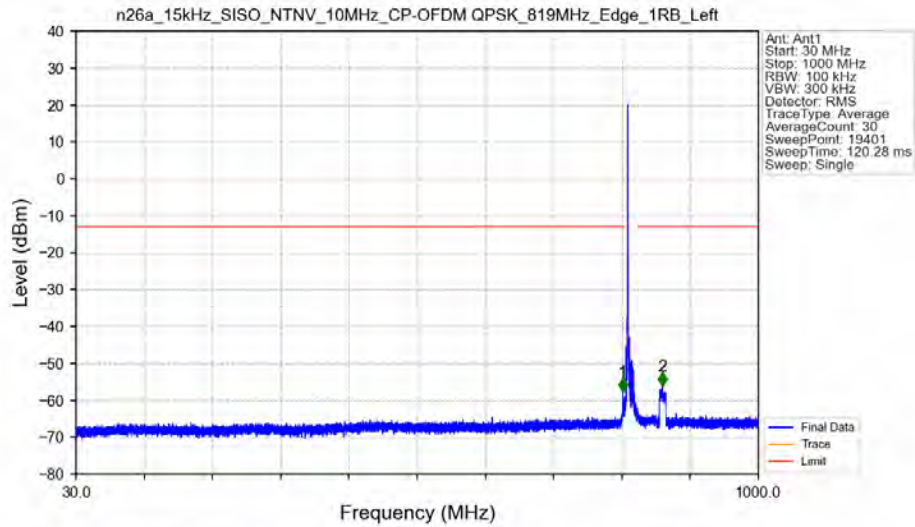
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | /      | 1          | 812.825    | -35.24      | -13         | Pass   |
| 813         | 813.963    | 0.10364   | CHP    | 2          | 813.950    | -26.40      | -13         | Pass   |
| 813.963     | 814        | 0.10364   | CHP    | 3          | 813.995    | -25.75      | -20         | Pass   |
| 814         | 824        | 0.10364   | CHP    | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Inner\_1RB\_Left\_Ant0



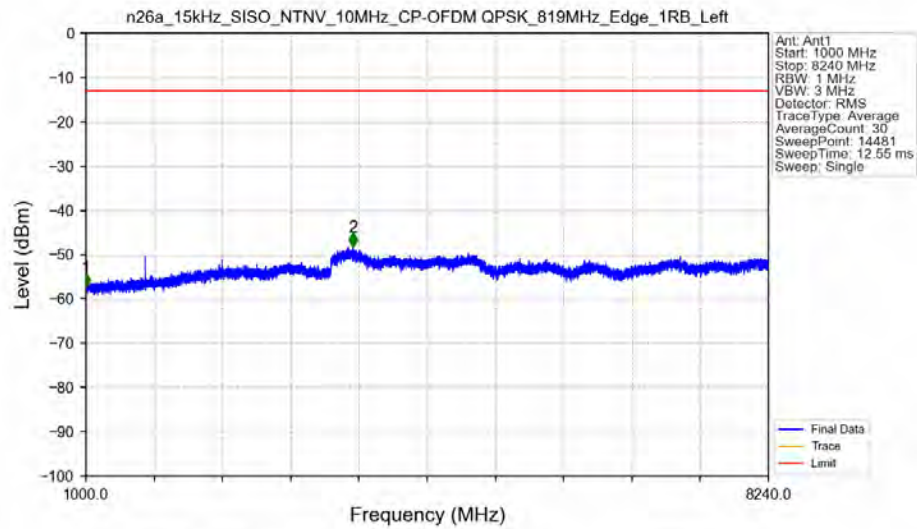
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.949    | -44.78      | -13         | Pass   |
| 813         | 813.963    | 0.0027    | /      | 2          | 813.957    | -32.94      | -13         | Pass   |
| 813.963     | 814        | 0.0027    | /      | 3          | 813.999    | -31.09      | -20         | Pass   |
| 814         | 824        | 0.0027    | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0

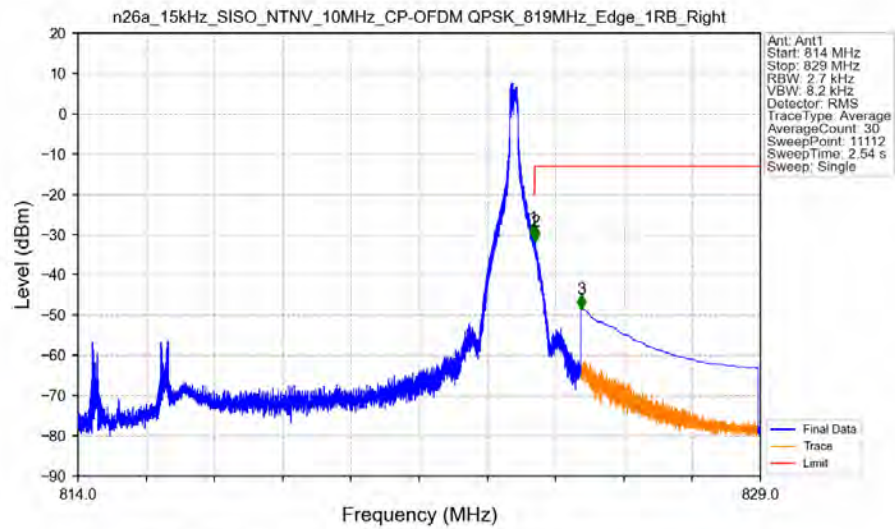


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 807.150    | -57.60      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 863.500    | -56.19      | -13         | Pass   |

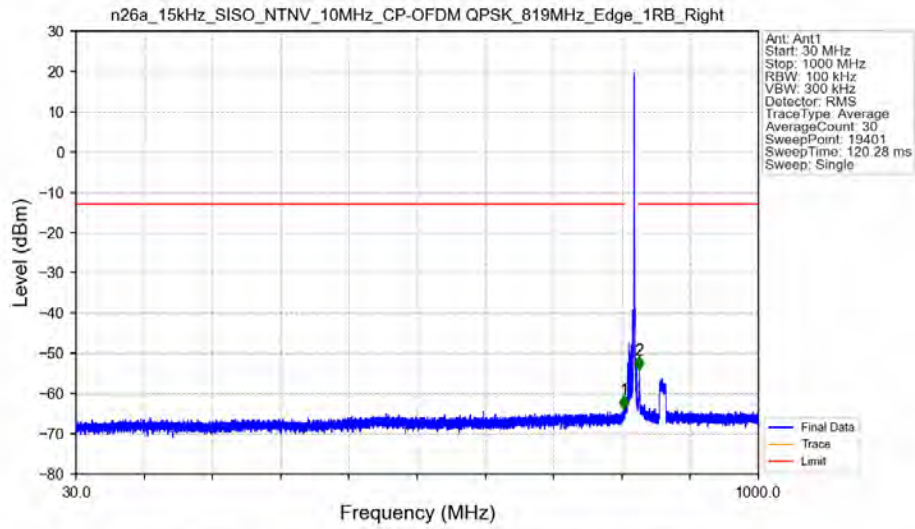
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant0



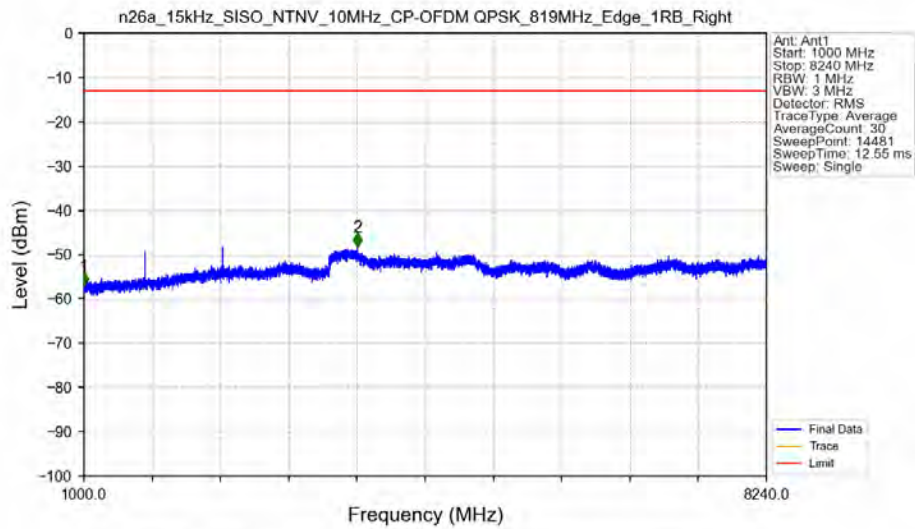
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant0



n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Edge 1RB Right Ant0

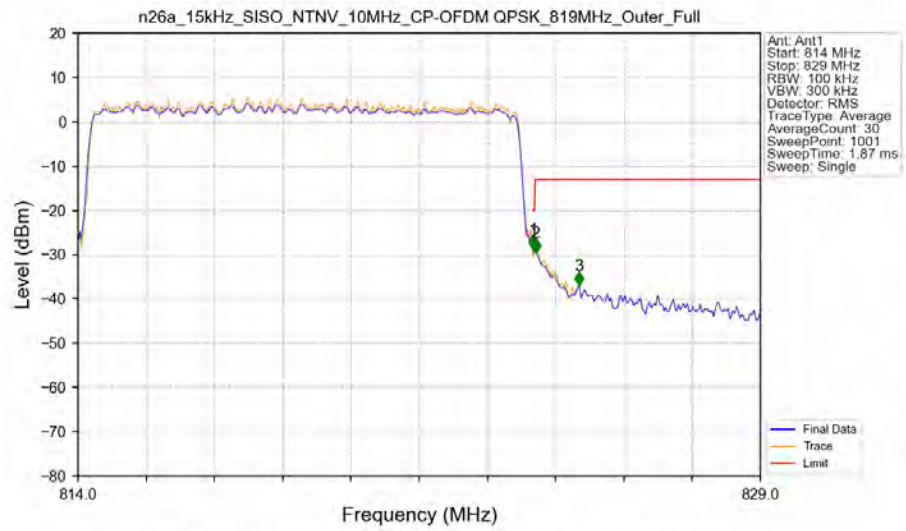


n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Edge 1RB Right Ant0

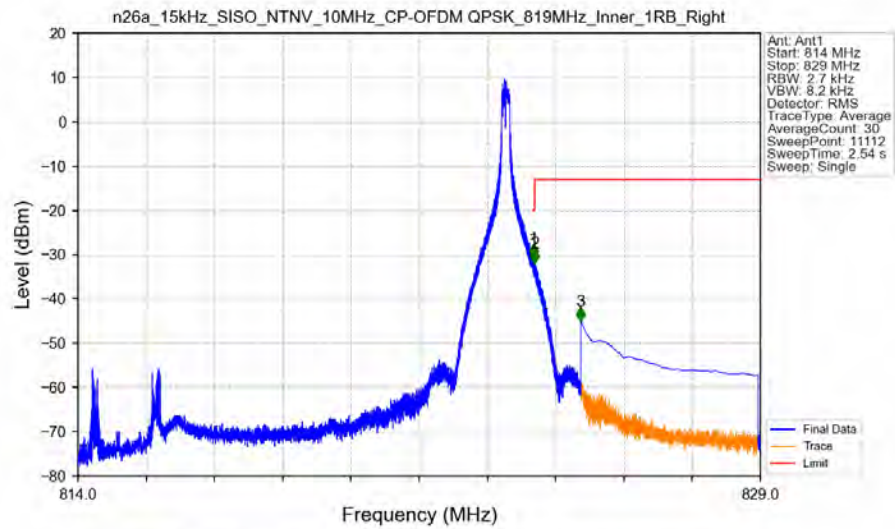




# n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Outer Full Ant0



# n26a 15kHz SISO NTN 10MHz CP-OFDM QPSK 819MHz Inner 1RB Right Ant0





## 6. Field Strength of Spurious Radiation

| SA Band 26 ANT0 814-824- Middle channel |               |                |                       |                        |                       |                          |                       |        |
|-----------------------------------------|---------------|----------------|-----------------------|------------------------|-----------------------|--------------------------|-----------------------|--------|
| Frequency<br>(MHz)                      | EIRP<br>(dBm) | Limit<br>(dBm) | Over<br>Limit<br>(dB) | S.G.<br>Power<br>(dBm) | Cable<br>Loss<br>(dB) | Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) | Result |
| 1629.0                                  | -67.76        | -13            | -54.76                | -70.69                 | 2.62                  | 5.55                     | Horizontal            | Pass   |
| 2443.5                                  | -68.75        | -13            | -55.75                | -71.39                 | 3.04                  | 5.68                     | Horizontal            | Pass   |
| 3258.0                                  | -66.78        | -13            | -53.78                | -71.06                 | 3.28                  | 7.56                     | Horizontal            | Pass   |
| 1629.0                                  | -65.87        | -13            | -52.87                | -68.8                  | 2.62                  | 5.55                     | Vertical              | Pass   |
| 2443.5                                  | -67.61        | -13            | -54.61                | -70.25                 | 3.04                  | 5.68                     | Vertical              | Pass   |
| 3258.0                                  | -66.82        | -13            | -53.82                | -71.1                  | 3.28                  | 7.56                     | Vertical              | Pass   |