

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 15\_S\_5M\_NTNV\_EIRP

| 5G NR n2 SCS=15kHz SISO 5MHz NTN |                 |                 |                      |       |     |           |       |     |         |         |
|----------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |         | Verdict |
|                                  |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK             | 1852.5          | Edge 1RB Left   | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.68                | /     | /   | 23.20     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.68                | /     | /   | 23.20     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.72                | /     | /   | 23.24     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.57                | /     | /   | 23.09     | /     | /   | <=33.01 | Pass    |
|                                  | 1880            | Edge 1RB Left   | 23.65                | /     | /   | 23.17     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.62                | /     | /   | 23.14     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.62                | /     | /   | 23.14     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.71                | /     | /   | 23.23     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.66                | /     | /   | 23.18     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.62                | /     | /   | 23.14     | /     | /   | <=33.01 | Pass    |
|                                  | 1907.5          | Edge 1RB Left   | 23.71                | /     | /   | 23.23     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.58                | /     | /   | 23.10     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.70                | /     | /   | 23.22     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.68                | /     | /   | 23.20     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.48                | /     | /   | 23.00     | /     | /   | <=33.01 | Pass    |
| DFT-s-OFDM QPSK                  | 1852.5          | Edge 1RB Left   | 23.23                | /     | /   | 22.75     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.18                | /     | /   | 22.70     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.27                | /     | /   | 22.79     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.77                | /     | /   | 23.29     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.70                | /     | /   | 23.22     | /     | /   | <=33.01 | Pass    |
|                                  | 1880            | Edge 1RB Left   | 23.15                | /     | /   | 22.67     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.14                | /     | /   | 22.66     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.18                | /     | /   | 22.70     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.73                | /     | /   | 23.25     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.67                | /     | /   | 23.19     | /     | /   | <=33.01 | Pass    |
|                                  | 1907.5          | Edge 1RB Left   | 23.23                | /     | /   | 22.75     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 23.12                | /     | /   | 22.64     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 23.18                | /     | /   | 22.70     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.71                | /     | /   | 23.23     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.77                | /     | /   | 23.29     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.57                | /     | /   | 23.09     | /     | /   | <=33.01 | Pass    |
| DFT-s-OFDM 16 QAM                | 1852.5          | Edge 1RB Left   | 22.25                | /     | /   | 21.77     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 22.13                | /     | /   | 21.65     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 22.28                | /     | /   | 21.80     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.37                | /     | /   | 22.89     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.20                | /     | /   | 22.72     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.04                | /     | /   | 22.56     | /     | /   | <=33.01 | Pass    |
|                                  | 1880            | Edge 1RB Left   | 22.25                | /     | /   | 21.77     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Edge 1RB Right  | 22.21                | /     | /   | 21.73     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Outer Full      | 22.26                | /     | /   | 21.78     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner Full      | 23.31                | /     | /   | 22.83     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Left  | 23.18                | /     | /   | 22.70     | /     | /   | <=33.01 | Pass    |
|                                  |                 | Inner 1RB Right | 23.04                | /     | /   | 22.56     | /     | /   | <=33.01 | Pass    |
|                                  | 1907.5          | Edge 1RB Left   | 22.25                | /     | /   | 21.77     | /     | /   | <=33.01 | Pass    |

|                    |        |                 |       |   |   |       |   |   |         |      |
|--------------------|--------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |        | Edge_1RB_Right  | 21.97 | / | / | 21.49 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 22.24 | / | / | 21.76 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 23.27 | / | / | 22.79 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 23.16 | / | / | 22.68 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.92 | / | / | 22.44 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 64 QAM  | 1852.5 | Edge_1RB_Left   | 22.03 | / | / | 21.55 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.81 | / | / | 21.33 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.78 | / | / | 21.30 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 21.83 | / | / | 21.35 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 21.98 | / | / | 21.50 | / | / | <=33.01 | Pass |
|                    | 1880   | Inner_1RB_Right | 21.91 | / | / | 21.43 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.87 | / | / | 21.39 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.91 | / | / | 21.43 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.69 | / | / | 21.21 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 21.81 | / | / | 21.33 | / | / | <=33.01 | Pass |
|                    | 1907.5 | Inner_1RB_Left  | 21.89 | / | / | 21.41 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 21.91 | / | / | 21.43 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.89 | / | / | 21.41 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.67 | / | / | 21.19 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.61 | / | / | 21.13 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 256 QAM | 1852.5 | Inner_Full      | 21.87 | / | / | 21.39 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 21.92 | / | / | 21.44 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 21.76 | / | / | 21.28 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 19.31 | / | / | 18.83 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 19.18 | / | / | 18.70 | / | / | <=33.01 | Pass |
|                    | 1880   | Outer_Full      | 19.73 | / | / | 19.25 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.76 | / | / | 19.28 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.32 | / | / | 18.84 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 19.17 | / | / | 18.69 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 19.28 | / | / | 18.80 | / | / | <=33.01 | Pass |
|                    | 1907.5 | Edge_1RB_Right  | 19.21 | / | / | 18.73 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 19.69 | / | / | 19.21 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.80 | / | / | 19.32 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.32 | / | / | 18.84 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 19.20 | / | / | 18.72 | / | / | <=33.01 | Pass |
| CP-OFDM QPSK       | 1852.5 | Edge_1RB_Left   | 19.14 | / | / | 18.66 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 19.05 | / | / | 18.57 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 19.58 | / | / | 19.10 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.72 | / | / | 19.24 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.27 | / | / | 18.79 | / | / | <=33.01 | Pass |
|                    | 1880   | Inner_1RB_Right | 19.07 | / | / | 18.59 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.18 | / | / | 20.70 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.20 | / | / | 20.72 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.21 | / | / | 20.73 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.85 | / | / | 22.37 | / | / | <=33.01 | Pass |
|                    | 1907.5 | Inner_1RB_Left  | 22.62 | / | / | 22.14 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.49 | / | / | 22.01 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.15 | / | / | 20.67 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.22 | / | / | 20.74 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.22 | / | / | 20.74 | / | / | <=33.01 | Pass |
|                    | 1852.5 | Inner_Full      | 22.88 | / | / | 22.40 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.66 | / | / | 22.18 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.64 | / | / | 22.16 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.21 | / | / | 20.73 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.11 | / | / | 20.63 | / | / | <=33.01 | Pass |
|                    | 1880   | Outer_Full      | 21.23 | / | / | 20.75 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.74 | / | / | 22.26 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.57 | / | / | 22.09 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.49 | / | / | 22.01 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Left   | 21.18 | / | / | 20.70 | / | / | <=33.01 | Pass |
|                    | 1907.5 | Edge_1RB_Right  | 21.20 | / | / | 20.72 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.21 | / | / | 20.73 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.85 | / | / | 22.37 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.62 | / | / | 22.14 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.49 | / | / | 22.01 | / | / | <=33.01 | Pass |

|                                                                                  |        |                 |       |   |   |       |   |   |         |      |
|----------------------------------------------------------------------------------|--------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM 16 QAM                                                                   | 1852.5 | Edge 1RB Left   | 21.29 | / | / | 20.81 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 21.15 | / | / | 20.67 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 21.25 | / | / | 20.77 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 22.27 | / | / | 21.79 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 22.35 | / | / | 21.87 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 22.36 | / | / | 21.88 | / | / | <=33.01 | Pass |
|                                                                                  | 1880   | Edge 1RB Left   | 21.24 | / | / | 20.76 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 21.27 | / | / | 20.79 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 21.29 | / | / | 20.81 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 22.03 | / | / | 21.55 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 22.35 | / | / | 21.87 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 22.24 | / | / | 21.76 | / | / | <=33.01 | Pass |
|                                                                                  | 1907.5 | Edge 1RB Left   | 21.28 | / | / | 20.80 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 21.12 | / | / | 20.64 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 21.19 | / | / | 20.71 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 22.11 | / | / | 21.63 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 22.31 | / | / | 21.83 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 22.22 | / | / | 21.74 | / | / | <=33.01 | Pass |
| CP-OFDM 64 QAM                                                                   | 1852.5 | Edge 1RB Left   | 20.92 | / | / | 20.44 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 20.85 | / | / | 20.37 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 20.78 | / | / | 20.30 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 20.82 | / | / | 20.34 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 20.91 | / | / | 20.43 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 20.82 | / | / | 20.34 | / | / | <=33.01 | Pass |
|                                                                                  | 1880   | Edge 1RB Left   | 20.60 | / | / | 20.12 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 20.78 | / | / | 20.30 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 20.61 | / | / | 20.13 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 20.67 | / | / | 20.19 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 20.71 | / | / | 20.23 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 20.75 | / | / | 20.27 | / | / | <=33.01 | Pass |
|                                                                                  | 1907.5 | Edge 1RB Left   | 20.87 | / | / | 20.39 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 20.86 | / | / | 20.38 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 20.68 | / | / | 20.20 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 20.74 | / | / | 20.26 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 20.85 | / | / | 20.37 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 20.70 | / | / | 20.22 | / | / | <=33.01 | Pass |
| CP-OFDM 256 QAM                                                                  | 1852.5 | Edge 1RB Left   | 17.28 | / | / | 16.80 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 17.30 | / | / | 16.82 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 17.81 | / | / | 17.33 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 17.77 | / | / | 17.29 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 17.32 | / | / | 16.84 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 17.28 | / | / | 16.80 | / | / | <=33.01 | Pass |
|                                                                                  | 1880   | Edge 1RB Left   | 17.14 | / | / | 16.66 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 17.28 | / | / | 16.80 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 17.64 | / | / | 17.16 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 17.77 | / | / | 17.29 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 17.26 | / | / | 16.78 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 17.35 | / | / | 16.87 | / | / | <=33.01 | Pass |
|                                                                                  | 1907.5 | Edge 1RB Left   | 17.26 | / | / | 16.78 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge 1RB Right  | 17.16 | / | / | 16.68 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer Full      | 17.66 | / | / | 17.18 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner Full      | 17.69 | / | / | 17.21 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Left  | 17.27 | / | / | 16.79 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner 1RB Right | 17.15 | / | / | 16.67 | / | / | <=33.01 | Pass |
| Note1: Antenna Gain: Ant2: -0.48dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |        |                 |       |   |   |       |   |   |         |      |

### 1.1.2 15\_S\_10M\_NTNV\_EIRP

| 5G NR n2 SCS=15kHz SISO 10MHz NTN |                 |                 |                      |       |     |           |       |     |         |         |
|-----------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |         | Verdict |
|                                   |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK              | 1855            | Edge_1RB_Left   | 23.76                | /     | /   | 23.28     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.59                | /     | /   | 23.11     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.71                | /     | /   | 23.23     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.77                | /     | /   | 23.29     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.81                | /     | /   | 23.33     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.70                | /     | /   | 23.22     | /     | /   | <=33.01 | Pass    |
|                                   | 1880            | Edge_1RB_Left   | 23.64                | /     | /   | 23.16     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.60                | /     | /   | 23.12     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.62                | /     | /   | 23.14     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.66                | /     | /   | 23.18     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.71                | /     | /   | 23.23     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.55                | /     | /   | 23.07     | /     | /   | <=33.01 | Pass    |
|                                   | 1905            | Edge_1RB_Left   | 23.76                | /     | /   | 23.28     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.59                | /     | /   | 23.11     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.73                | /     | /   | 23.25     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.74                | /     | /   | 23.26     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.77                | /     | /   | 23.29     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.64                | /     | /   | 23.16     | /     | /   | <=33.01 | Pass    |
| DFT-s-OFDM QPSK                   | 1855            | Edge_1RB_Left   | 23.33                | /     | /   | 22.85     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.09                | /     | /   | 22.61     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.24                | /     | /   | 22.76     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.79                | /     | /   | 23.31     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.79                | /     | /   | 23.31     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.66                | /     | /   | 23.18     | /     | /   | <=33.01 | Pass    |
|                                   | 1880            | Edge_1RB_Left   | 23.15                | /     | /   | 22.67     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.20                | /     | /   | 22.72     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.24                | /     | /   | 22.76     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.73                | /     | /   | 23.25     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.61                | /     | /   | 23.13     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.70                | /     | /   | 23.22     | /     | /   | <=33.01 | Pass    |
|                                   | 1905            | Edge_1RB_Left   | 23.36                | /     | /   | 22.88     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.20                | /     | /   | 22.72     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.25                | /     | /   | 22.77     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.75                | /     | /   | 23.27     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.81                | /     | /   | 23.33     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.67                | /     | /   | 23.19     | /     | /   | <=33.01 | Pass    |
| DFT-s-OFDM 16 QAM                 | 1855            | Edge_1RB_Left   | 22.29                | /     | /   | 21.81     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 22.17                | /     | /   | 21.69     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 22.30                | /     | /   | 21.82     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.34                | /     | /   | 22.86     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.24                | /     | /   | 22.76     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.06                | /     | /   | 22.58     | /     | /   | <=33.01 | Pass    |
|                                   | 1880            | Edge_1RB_Left   | 22.13                | /     | /   | 21.65     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 22.17                | /     | /   | 21.69     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 22.19                | /     | /   | 21.71     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.24                | /     | /   | 22.76     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.13                | /     | /   | 22.65     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.03                | /     | /   | 22.55     | /     | /   | <=33.01 | Pass    |
|                                   | 1905            | Edge_1RB_Left   | 22.33                | /     | /   | 21.85     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 22.03                | /     | /   | 21.55     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 22.29                | /     | /   | 21.81     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.28                | /     | /   | 22.80     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.17                | /     | /   | 22.69     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 22.98                | /     | /   | 22.50     | /     | /   | <=33.01 | Pass    |
| DFT-s-OFDM 64 QAM                 | 1855            | Edge_1RB_Left   | 22.02                | /     | /   | 21.54     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.88                | /     | /   | 21.40     | /     | /   | <=33.01 | Pass    |

|                    |      |                 |       |   |   |       |   |   |         |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |      | Outer_Full      | 21.87 | / | / | 21.39 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 21.84 | / | / | 21.36 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.09 | / | / | 21.61 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 21.93 | / | / | 21.45 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 21.78 | / | / | 21.30 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.83 | / | / | 21.35 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.73 | / | / | 21.25 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 21.71 | / | / | 21.23 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 21.78 | / | / | 21.30 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 21.90 | / | / | 21.42 | / | / | <=33.01 | Pass |
|                    | 1905 | Edge_1RB_Left   | 22.09 | / | / | 21.61 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.92 | / | / | 21.44 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.84 | / | / | 21.36 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 21.68 | / | / | 21.20 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.00 | / | / | 21.52 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 21.96 | / | / | 21.48 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 256 QAM | 1855 | Edge_1RB_Left   | 19.35 | / | / | 18.87 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 19.19 | / | / | 18.71 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.75 | / | / | 19.27 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.70 | / | / | 19.22 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.33 | / | / | 18.85 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 19.17 | / | / | 18.69 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 19.07 | / | / | 18.59 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 19.14 | / | / | 18.66 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.68 | / | / | 19.20 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.68 | / | / | 19.20 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.17 | / | / | 18.69 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 19.19 | / | / | 18.71 | / | / | <=33.01 | Pass |
|                    | 1905 | Edge_1RB_Left   | 19.30 | / | / | 18.82 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 19.14 | / | / | 18.66 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.82 | / | / | 19.34 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.73 | / | / | 19.25 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.26 | / | / | 18.78 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 19.12 | / | / | 18.64 | / | / | <=33.01 | Pass |
| CP-OFDM QPSK       | 1855 | Edge_1RB_Left   | 21.30 | / | / | 20.82 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.16 | / | / | 20.68 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.29 | / | / | 20.81 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.76 | / | / | 22.28 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.76 | / | / | 22.28 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.57 | / | / | 22.09 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 20.99 | / | / | 20.51 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.04 | / | / | 20.56 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.26 | / | / | 20.78 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.66 | / | / | 22.18 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.44 | / | / | 21.96 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.46 | / | / | 21.98 | / | / | <=33.01 | Pass |
|                    | 1905 | Edge_1RB_Left   | 21.24 | / | / | 20.76 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.14 | / | / | 20.66 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.32 | / | / | 20.84 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.91 | / | / | 22.43 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.90 | / | / | 22.42 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.57 | / | / | 22.09 | / | / | <=33.01 | Pass |
| CP-OFDM 16 QAM     | 1855 | Edge_1RB_Left   | 21.35 | / | / | 20.87 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.26 | / | / | 20.78 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.33 | / | / | 20.85 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.28 | / | / | 21.80 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.40 | / | / | 21.92 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.29 | / | / | 21.81 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 21.37 | / | / | 20.89 | / | / | <=33.01 | Pass |

|                                                                                  |                 |                 |               |       |       |       |         |         |         |         |
|----------------------------------------------------------------------------------|-----------------|-----------------|---------------|-------|-------|-------|---------|---------|---------|---------|
|                                                                                  |                 | Edge_1RB_Right  | 21.26         | /     | /     | 20.78 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 21.08         | /     | /     | 20.60 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 22.16         | /     | /     | 21.68 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 22.16         | /     | /     | 21.68 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Right | 22.28         | /     | /     | 21.80 | /       | /       | <=33.01 | Pass    |
|                                                                                  | 1905            | Edge_1RB_Left   | 21.35         | /     | /     | 20.87 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 21.32         | /     | /     | 20.84 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 21.31         | /     | /     | 20.83 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 22.29         | /     | /     | 21.81 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 22.46         | /     | /     | 21.98 | /       | /       | <=33.01 | Pass    |
|                                                                                  | Inner_1RB_Right | 22.32           | /             | /     | 21.84 | /     | /       | <=33.01 | Pass    |         |
|                                                                                  | CP-OFDM 64 QAM  | 1855            | Edge_1RB_Left | 21.00 | /     | /     | 20.52   | /       | /       | <=33.01 |
| Edge_1RB_Right                                                                   |                 |                 | 20.75         | /     | /     | 20.27 | /       | /       | <=33.01 | Pass    |
| Outer_Full                                                                       |                 |                 | 20.83         | /     | /     | 20.35 | /       | /       | <=33.01 | Pass    |
| Inner_Full                                                                       |                 |                 | 20.86         | /     | /     | 20.38 | /       | /       | <=33.01 | Pass    |
| Inner_1RB_Left                                                                   |                 |                 | 20.91         | /     | /     | 20.43 | /       | /       | <=33.01 | Pass    |
| Inner_1RB_Right                                                                  |                 |                 | 20.81         | /     | /     | 20.33 | /       | /       | <=33.01 | Pass    |
| 1880                                                                             |                 | Edge_1RB_Left   | 20.65         | /     | /     | 20.17 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 20.84         | /     | /     | 20.36 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 20.66         | /     | /     | 20.18 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 20.59         | /     | /     | 20.11 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 20.72         | /     | /     | 20.24 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Right | 20.76         | /     | /     | 20.28 | /       | /       | <=33.01 | Pass    |
| 1905                                                                             |                 | Edge_1RB_Left   | 20.88         | /     | /     | 20.40 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 20.71         | /     | /     | 20.23 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 20.72         | /     | /     | 20.24 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 20.80         | /     | /     | 20.32 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 20.77         | /     | /     | 20.29 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Right | 20.79         | /     | /     | 20.31 | /       | /       | <=33.01 | Pass    |
| CP-OFDM 256 QAM                                                                  | 1855            | Edge_1RB_Left   | 17.46         | /     | /     | 16.98 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 17.25         | /     | /     | 16.77 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 17.72         | /     | /     | 17.24 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 17.74         | /     | /     | 17.26 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 17.39         | /     | /     | 16.91 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Right | 17.22         | /     | /     | 16.74 | /       | /       | <=33.01 | Pass    |
|                                                                                  | 1880            | Edge_1RB_Left   | 17.12         | /     | /     | 16.64 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 17.22         | /     | /     | 16.74 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 17.65         | /     | /     | 17.17 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_Full      | 17.61         | /     | /     | 17.13 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Left  | 17.17         | /     | /     | 16.69 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Inner_1RB_Right | 17.15         | /     | /     | 16.67 | /       | /       | <=33.01 | Pass    |
|                                                                                  | 1905            | Edge_1RB_Left   | 17.37         | /     | /     | 16.89 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Edge_1RB_Right  | 17.19         | /     | /     | 16.71 | /       | /       | <=33.01 | Pass    |
|                                                                                  |                 | Outer_Full      | 17.75         | /     | /     | 17.27 | /       | /       | <=33.01 | Pass    |
| Inner_Full                                                                       |                 | 17.74           | /             | /     | 17.26 | /     | /       | <=33.01 | Pass    |         |
| Inner_1RB_Left                                                                   |                 | 17.42           | /             | /     | 16.94 | /     | /       | <=33.01 | Pass    |         |
| Inner_1RB_Right                                                                  | 17.25           | /               | /             | 16.77 | /     | /     | <=33.01 | Pass    |         |         |
| Note1: Antenna Gain: Ant2: -0.48dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |               |       |       |       |         |         |         |         |

### 1.1.3 15\_S\_15M\_NTNV\_EIRP

| 5G NR n2 SCS=15kHz SISO 15MHz NTNv |                 |                |                      |       |     |           |       |     |         |         |
|------------------------------------|-----------------|----------------|----------------------|-------|-----|-----------|-------|-----|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |         | Verdict |
|                                    |                 |                | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK               | 1857.5          | Edge_1RB_Left  | 23.79                | /     | /   | 23.31     | /     | /   | <=33.01 | Pass    |
|                                    |                 | Edge_1RB_Right | 23.70                | /     | /   | 23.22     | /     | /   | <=33.01 | Pass    |
|                                    |                 | Outer_Full     | 23.81                | /     | /   | 23.33     | /     | /   | <=33.01 | Pass    |

|                   |        |                 |       |   |   |       |   |   |         |      |
|-------------------|--------|-----------------|-------|---|---|-------|---|---|---------|------|
|                   |        | Inner Full      | 23.66 | / | / | 23.18 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.74 | / | / | 23.26 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.67 | / | / | 23.19 | / | / | <=33.01 | Pass |
|                   | 1880   | Edge 1RB Left   | 23.61 | / | / | 23.13 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 23.62 | / | / | 23.14 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 23.68 | / | / | 23.20 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.69 | / | / | 23.21 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.67 | / | / | 23.19 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.69 | / | / | 23.21 | / | / | <=33.01 | Pass |
|                   | 1902.5 | Edge 1RB Left   | 23.67 | / | / | 23.19 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 23.52 | / | / | 23.04 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 23.67 | / | / | 23.19 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.73 | / | / | 23.25 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.62 | / | / | 23.14 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.51 | / | / | 23.03 | / | / | <=33.01 | Pass |
| DFT-s-OFDM QPSK   | 1857.5 | Edge 1RB Left   | 23.23 | / | / | 22.75 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 23.20 | / | / | 22.72 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 23.35 | / | / | 22.87 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.72 | / | / | 23.24 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.77 | / | / | 23.29 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.51 | / | / | 23.03 | / | / | <=33.01 | Pass |
|                   | 1880   | Edge 1RB Left   | 23.10 | / | / | 22.62 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 23.22 | / | / | 22.74 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 23.22 | / | / | 22.74 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.70 | / | / | 23.22 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.69 | / | / | 23.21 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.70 | / | / | 23.22 | / | / | <=33.01 | Pass |
|                   | 1902.5 | Edge 1RB Left   | 23.17 | / | / | 22.69 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 23.00 | / | / | 22.52 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 23.10 | / | / | 22.62 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.62 | / | / | 23.14 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.66 | / | / | 23.18 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.53 | / | / | 23.05 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 16 QAM | 1857.5 | Edge 1RB Left   | 22.24 | / | / | 21.76 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 22.02 | / | / | 21.54 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 22.31 | / | / | 21.83 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.28 | / | / | 22.80 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.16 | / | / | 22.68 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 22.93 | / | / | 22.45 | / | / | <=33.01 | Pass |
|                   | 1880   | Edge 1RB Left   | 22.05 | / | / | 21.57 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 22.13 | / | / | 21.65 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 22.27 | / | / | 21.79 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.22 | / | / | 22.74 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.11 | / | / | 22.63 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 23.04 | / | / | 22.56 | / | / | <=33.01 | Pass |
|                   | 1902.5 | Edge 1RB Left   | 22.11 | / | / | 21.63 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 21.86 | / | / | 21.38 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 22.24 | / | / | 21.76 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 23.18 | / | / | 22.70 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 23.05 | / | / | 22.57 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 22.84 | / | / | 22.36 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 64 QAM | 1857.5 | Edge 1RB Left   | 22.02 | / | / | 21.54 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 21.82 | / | / | 21.34 | / | / | <=33.01 | Pass |
|                   |        | Outer Full      | 21.76 | / | / | 21.28 | / | / | <=33.01 | Pass |
|                   |        | Inner Full      | 21.77 | / | / | 21.29 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Left  | 22.05 | / | / | 21.57 | / | / | <=33.01 | Pass |
|                   |        | Inner 1RB Right | 21.81 | / | / | 21.33 | / | / | <=33.01 | Pass |
|                   | 1880   | Edge 1RB Left   | 21.73 | / | / | 21.25 | / | / | <=33.01 | Pass |
|                   |        | Edge 1RB Right  | 21.91 | / | / | 21.43 | / | / | <=33.01 | Pass |

|                    |        |                 |       |   |   |       |   |   |         |      |
|--------------------|--------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |        | Outer_Full      | 21.77 | / | / | 21.29 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 21.82 | / | / | 21.34 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 21.75 | / | / | 21.27 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 21.90 | / | / | 21.42 | / | / | <=33.01 | Pass |
|                    | 1902.5 | Edge_1RB_Left   | 21.74 | / | / | 21.26 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.69 | / | / | 21.21 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.72 | / | / | 21.24 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 21.83 | / | / | 21.35 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 21.85 | / | / | 21.37 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 21.73 | / | / | 21.25 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 256 QAM | 1857.5 | Edge_1RB_Left   | 19.28 | / | / | 18.80 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 19.16 | / | / | 18.68 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 19.65 | / | / | 19.17 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.72 | / | / | 19.24 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.27 | / | / | 18.79 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 19.07 | / | / | 18.59 | / | / | <=33.01 | Pass |
|                    | 1880   | Edge_1RB_Left   | 19.09 | / | / | 18.61 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 19.22 | / | / | 18.74 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 19.69 | / | / | 19.21 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.66 | / | / | 19.18 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.07 | / | / | 18.59 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 19.27 | / | / | 18.79 | / | / | <=33.01 | Pass |
|                    | 1902.5 | Edge_1RB_Left   | 19.33 | / | / | 18.85 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 19.14 | / | / | 18.66 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 19.61 | / | / | 19.13 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 19.69 | / | / | 19.21 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 19.22 | / | / | 18.74 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 19.14 | / | / | 18.66 | / | / | <=33.01 | Pass |
| CP-OFDM QPSK       | 1857.5 | Edge_1RB_Left   | 21.34 | / | / | 20.86 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.11 | / | / | 20.63 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.36 | / | / | 20.88 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.76 | / | / | 22.28 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.79 | / | / | 22.31 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.57 | / | / | 22.09 | / | / | <=33.01 | Pass |
|                    | 1880   | Edge_1RB_Left   | 21.09 | / | / | 20.61 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.18 | / | / | 20.70 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.09 | / | / | 20.61 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.73 | / | / | 22.25 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.54 | / | / | 22.06 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.66 | / | / | 22.18 | / | / | <=33.01 | Pass |
|                    | 1902.5 | Edge_1RB_Left   | 21.15 | / | / | 20.67 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.03 | / | / | 20.55 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.18 | / | / | 20.70 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.66 | / | / | 22.18 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.75 | / | / | 22.27 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.54 | / | / | 22.06 | / | / | <=33.01 | Pass |
| CP-OFDM 16 QAM     | 1857.5 | Edge_1RB_Left   | 21.37 | / | / | 20.89 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.13 | / | / | 20.65 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.20 | / | / | 20.72 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.33 | / | / | 21.85 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.41 | / | / | 21.93 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.25 | / | / | 21.77 | / | / | <=33.01 | Pass |
|                    | 1880   | Edge_1RB_Left   | 21.05 | / | / | 20.57 | / | / | <=33.01 | Pass |
|                    |        | Edge_1RB_Right  | 21.25 | / | / | 20.77 | / | / | <=33.01 | Pass |
|                    |        | Outer_Full      | 21.29 | / | / | 20.81 | / | / | <=33.01 | Pass |
|                    |        | Inner_Full      | 22.34 | / | / | 21.86 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Left  | 22.12 | / | / | 21.64 | / | / | <=33.01 | Pass |
|                    |        | Inner_1RB_Right | 22.29 | / | / | 21.81 | / | / | <=33.01 | Pass |
|                    | 1902.5 | Edge_1RB_Left   | 21.28 | / | / | 20.80 | / | / | <=33.01 | Pass |

|                                                                                  |        |                 |       |   |   |       |   |   |         |      |
|----------------------------------------------------------------------------------|--------|-----------------|-------|---|---|-------|---|---|---------|------|
|                                                                                  |        | Edge_1RB_Right  | 21.15 | / | / | 20.67 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 21.22 | / | / | 20.74 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 22.30 | / | / | 21.82 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 22.35 | / | / | 21.87 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 22.21 | / | / | 21.73 | / | / | <=33.01 | Pass |
| CP-OFDM 64 QAM                                                                   | 1857.5 | Edge_1RB_Left   | 20.92 | / | / | 20.44 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 20.67 | / | / | 20.19 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 20.68 | / | / | 20.20 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 20.70 | / | / | 20.22 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 20.94 | / | / | 20.46 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 20.66 | / | / | 20.18 | / | / | <=33.01 | Pass |
|                                                                                  | 1880   | Edge_1RB_Left   | 20.62 | / | / | 20.14 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 20.75 | / | / | 20.27 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 20.75 | / | / | 20.27 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 20.74 | / | / | 20.26 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 20.62 | / | / | 20.14 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 20.79 | / | / | 20.31 | / | / | <=33.01 | Pass |
|                                                                                  | 1902.5 | Edge_1RB_Left   | 20.69 | / | / | 20.21 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 20.53 | / | / | 20.05 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 20.61 | / | / | 20.13 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 20.69 | / | / | 20.21 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 20.79 | / | / | 20.31 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 20.65 | / | / | 20.17 | / | / | <=33.01 | Pass |
| CP-OFDM 256 QAM                                                                  | 1857.5 | Edge_1RB_Left   | 17.32 | / | / | 16.84 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 17.18 | / | / | 16.70 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 17.62 | / | / | 17.14 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 17.76 | / | / | 17.28 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 17.37 | / | / | 16.89 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 17.15 | / | / | 16.67 | / | / | <=33.01 | Pass |
|                                                                                  | 1880   | Edge_1RB_Left   | 17.18 | / | / | 16.70 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 17.33 | / | / | 16.85 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 17.63 | / | / | 17.15 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 17.69 | / | / | 17.21 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 17.19 | / | / | 16.71 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 17.29 | / | / | 16.81 | / | / | <=33.01 | Pass |
|                                                                                  | 1902.5 | Edge_1RB_Left   | 17.27 | / | / | 16.79 | / | / | <=33.01 | Pass |
|                                                                                  |        | Edge_1RB_Right  | 17.18 | / | / | 16.70 | / | / | <=33.01 | Pass |
|                                                                                  |        | Outer_Full      | 17.63 | / | / | 17.15 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_Full      | 17.72 | / | / | 17.24 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Left  | 17.34 | / | / | 16.86 | / | / | <=33.01 | Pass |
|                                                                                  |        | Inner_1RB_Right | 17.10 | / | / | 16.62 | / | / | <=33.01 | Pass |
| Note1: Antenna Gain: Ant2: -0.48dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |        |                 |       |   |   |       |   |   |         |      |

#### 1.1.4 15\_S\_20M\_NTNV\_EIRP

| 5G NR n2 SCS=15kHz SISO 20MHz NTN |                 |                 |                      |       |     |           |       |     |         |         |
|-----------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |         | Verdict |
|                                   |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK              | 1860            | Edge_1RB_Left   | 23.69                | /     | /   | 23.21     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.48                | /     | /   | 23.00     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.64                | /     | /   | 23.16     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_Full      | 23.64                | /     | /   | 23.16     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.63                | /     | /   | 23.15     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.43                | /     | /   | 22.95     | /     | /   | <=33.01 | Pass    |
|                                   | 1880            | Edge_1RB_Left   | 23.53                | /     | /   | 23.05     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.65                | /     | /   | 23.17     | /     | /   | <=33.01 | Pass    |
|                                   |                 | Outer_Full      | 23.62                | /     | /   | 23.14     | /     | /   | <=33.01 | Pass    |

|                   |      |                 |       |   |   |       |   |   |         |      |
|-------------------|------|-----------------|-------|---|---|-------|---|---|---------|------|
|                   |      | Inner Full      | 23.60 | / | / | 23.12 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.56 | / | / | 23.08 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.70 | / | / | 23.22 | / | / | <=33.01 | Pass |
|                   | 1900 | Edge 1RB Left   | 23.68 | / | / | 23.20 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 23.43 | / | / | 22.95 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 23.77 | / | / | 23.29 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.78 | / | / | 23.30 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.71 | / | / | 23.23 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.55 | / | / | 23.07 | / | / | <=33.01 | Pass |
| DFT-s-OFDM QPSK   | 1860 | Edge 1RB Left   | 23.20 | / | / | 22.72 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 22.93 | / | / | 22.45 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 23.21 | / | / | 22.73 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.67 | / | / | 23.19 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.63 | / | / | 23.15 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.44 | / | / | 22.96 | / | / | <=33.01 | Pass |
|                   | 1880 | Edge 1RB Left   | 23.13 | / | / | 22.65 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 23.11 | / | / | 22.63 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 23.18 | / | / | 22.70 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.65 | / | / | 23.17 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.56 | / | / | 23.08 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.65 | / | / | 23.17 | / | / | <=33.01 | Pass |
|                   | 1900 | Edge 1RB Left   | 23.24 | / | / | 22.76 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 23.10 | / | / | 22.62 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 23.33 | / | / | 22.85 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.79 | / | / | 23.31 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.73 | / | / | 23.25 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.56 | / | / | 23.08 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 16 QAM | 1860 | Edge 1RB Left   | 22.17 | / | / | 21.69 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 21.90 | / | / | 21.42 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 22.17 | / | / | 21.69 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.23 | / | / | 22.75 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.10 | / | / | 22.62 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 22.90 | / | / | 22.42 | / | / | <=33.01 | Pass |
|                   | 1880 | Edge 1RB Left   | 22.08 | / | / | 21.60 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 22.14 | / | / | 21.66 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 22.12 | / | / | 21.64 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.20 | / | / | 22.72 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 23.05 | / | / | 22.57 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 23.00 | / | / | 22.52 | / | / | <=33.01 | Pass |
|                   | 1900 | Edge 1RB Left   | 22.13 | / | / | 21.65 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 22.06 | / | / | 21.58 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 22.28 | / | / | 21.80 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 23.34 | / | / | 22.86 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 22.99 | / | / | 22.51 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 22.87 | / | / | 22.39 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 64 QAM | 1860 | Edge 1RB Left   | 21.89 | / | / | 21.41 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 21.68 | / | / | 21.20 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 21.72 | / | / | 21.24 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 21.70 | / | / | 21.22 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 21.92 | / | / | 21.44 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 21.64 | / | / | 21.16 | / | / | <=33.01 | Pass |
|                   | 1880 | Edge 1RB Left   | 21.68 | / | / | 21.20 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 21.80 | / | / | 21.32 | / | / | <=33.01 | Pass |
|                   |      | Outer Full      | 21.70 | / | / | 21.22 | / | / | <=33.01 | Pass |
|                   |      | Inner Full      | 21.72 | / | / | 21.24 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Left  | 21.72 | / | / | 21.24 | / | / | <=33.01 | Pass |
|                   |      | Inner 1RB Right | 21.96 | / | / | 21.48 | / | / | <=33.01 | Pass |
|                   | 1900 | Edge 1RB Left   | 21.95 | / | / | 21.47 | / | / | <=33.01 | Pass |
|                   |      | Edge 1RB Right  | 21.65 | / | / | 21.17 | / | / | <=33.01 | Pass |

|                    |      |                 |       |   |   |       |   |   |         |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |      | Outer_Full      | 21.87 | / | / | 21.39 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 21.91 | / | / | 21.43 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 21.99 | / | / | 21.51 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 21.79 | / | / | 21.31 | / | / | <=33.01 | Pass |
| DFT-s-OFDM 256 QAM | 1860 | Edge_1RB_Left   | 19.17 | / | / | 18.69 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 18.95 | / | / | 18.47 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.69 | / | / | 19.21 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.72 | / | / | 19.24 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.28 | / | / | 18.80 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 18.96 | / | / | 18.48 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 19.09 | / | / | 18.61 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 19.15 | / | / | 18.67 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.77 | / | / | 19.29 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.64 | / | / | 19.16 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.12 | / | / | 18.64 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 19.21 | / | / | 18.73 | / | / | <=33.01 | Pass |
|                    | 1900 | Edge_1RB_Left   | 19.31 | / | / | 18.83 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 19.15 | / | / | 18.67 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 19.78 | / | / | 19.30 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 19.75 | / | / | 19.27 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 19.39 | / | / | 18.91 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 19.16 | / | / | 18.68 | / | / | <=33.01 | Pass |
| CP-OFDM QPSK       | 1860 | Edge_1RB_Left   | 21.27 | / | / | 20.79 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.02 | / | / | 20.54 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.08 | / | / | 20.60 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.66 | / | / | 22.18 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.63 | / | / | 22.15 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.29 | / | / | 21.81 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 21.11 | / | / | 20.63 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.16 | / | / | 20.68 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.17 | / | / | 20.69 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.61 | / | / | 22.13 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.53 | / | / | 22.05 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.52 | / | / | 22.04 | / | / | <=33.01 | Pass |
|                    | 1900 | Edge_1RB_Left   | 21.32 | / | / | 20.84 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.07 | / | / | 20.59 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.28 | / | / | 20.80 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.77 | / | / | 22.29 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.78 | / | / | 22.30 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.59 | / | / | 22.11 | / | / | <=33.01 | Pass |
| CP-OFDM 16 QAM     | 1860 | Edge_1RB_Left   | 21.17 | / | / | 20.69 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.02 | / | / | 20.54 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.17 | / | / | 20.69 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.19 | / | / | 21.71 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.45 | / | / | 21.97 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 21.98 | / | / | 21.50 | / | / | <=33.01 | Pass |
|                    | 1880 | Edge_1RB_Left   | 21.19 | / | / | 20.71 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.40 | / | / | 20.92 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.14 | / | / | 20.66 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.12 | / | / | 21.64 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.22 | / | / | 21.74 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.27 | / | / | 21.79 | / | / | <=33.01 | Pass |
|                    | 1900 | Edge_1RB_Left   | 21.36 | / | / | 20.88 | / | / | <=33.01 | Pass |
|                    |      | Edge_1RB_Right  | 21.05 | / | / | 20.57 | / | / | <=33.01 | Pass |
|                    |      | Outer_Full      | 21.29 | / | / | 20.81 | / | / | <=33.01 | Pass |
|                    |      | Inner_Full      | 22.33 | / | / | 21.85 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Left  | 22.35 | / | / | 21.87 | / | / | <=33.01 | Pass |
|                    |      | Inner_1RB_Right | 22.12 | / | / | 21.64 | / | / | <=33.01 | Pass |
| CP-OFDM 64 QAM     | 1860 | Edge_1RB_Left   | 20.74 | / | / | 20.26 | / | / | <=33.01 | Pass |

|                                                                                  |                 |                 |                 |       |       |       |       |         |         |         |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-------|-------|-------|-------|---------|---------|---------|------|
|                                                                                  |                 | Edge_1RB_Right  | 20.52           | /     | /     | 20.04 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Outer_Full      | 20.62           | /     | /     | 20.14 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_Full      | 20.73           | /     | /     | 20.25 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_1RB_Left  | 20.76           | /     | /     | 20.28 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_1RB_Right | 20.38           | /     | /     | 19.90 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  | 1880            | Edge_1RB_Left   | 20.70           | /     | /     | 20.22 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Right  | 20.82           | /     | /     | 20.34 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Outer_Full      | 20.72           | /     | /     | 20.24 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_Full      | 20.74           | /     | /     | 20.26 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_1RB_Left  | 20.69           | /     | /     | 20.21 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  | 1900            | Inner_1RB_Right | 20.64           | /     | /     | 20.16 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Left   | 20.93           | /     | /     | 20.45 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Right  | 20.75           | /     | /     | 20.27 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Outer_Full      | 20.79           | /     | /     | 20.31 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_Full      | 20.82           | /     | /     | 20.34 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  | CP-OFDM 256 QAM | 1860            | Inner_1RB_Left  | 20.93 | /     | /     | 20.45 | /       | /       | <=33.01 | Pass |
|                                                                                  |                 |                 | Inner_1RB_Right | 20.62 | /     | /     | 20.14 | /       | /       | <=33.01 | Pass |
|                                                                                  |                 |                 | Edge_1RB_Left   | 17.32 | /     | /     | 16.84 | /       | /       | <=33.01 | Pass |
| Edge_1RB_Right                                                                   |                 |                 | 17.22           | /     | /     | 16.74 | /     | /       | <=33.01 | Pass    |      |
| Outer_Full                                                                       |                 |                 | 17.64           | /     | /     | 17.16 | /     | /       | <=33.01 | Pass    |      |
| Inner_Full                                                                       |                 |                 | 17.64           | /     | /     | 17.16 | /     | /       | <=33.01 | Pass    |      |
| 1880                                                                             |                 | Inner_1RB_Left  | 17.34           | /     | /     | 16.86 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_1RB_Right | 17.13           | /     | /     | 16.65 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Left   | 17.16           | /     | /     | 16.68 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Right  | 17.28           | /     | /     | 16.80 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Outer_Full      | 17.64           | /     | /     | 17.16 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_Full      | 17.61           | /     | /     | 17.13 | /     | /       | <=33.01 | Pass    |      |
| 1900                                                                             |                 | Inner_1RB_Left  | 17.23           | /     | /     | 16.75 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_1RB_Right | 17.29           | /     | /     | 16.81 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Left   | 17.31           | /     | /     | 16.83 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Edge_1RB_Right  | 17.09           | /     | /     | 16.61 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Outer_Full      | 17.77           | /     | /     | 17.29 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  |                 | Inner_Full      | 17.78           | /     | /     | 17.30 | /     | /       | <=33.01 | Pass    |      |
|                                                                                  | Inner_1RB_Left  | 17.29           | /               | /     | 16.81 | /     | /     | <=33.01 | Pass    |         |      |
|                                                                                  | Inner_1RB_Right | 17.12           | /               | /     | 16.64 | /     | /     | <=33.01 | Pass    |         |      |
| Note1: Antenna Gain: Ant2: -0.48dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |       |       |       |       |         |         |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 15\_S\_20M

| 5G NR n2 SCS=15kHz SISO 20MHz |                 |               |            |       |                  |                       |                |         |
|-------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                               |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM QPSK               | 1880            | Outer_Full    | 20         | LV    | -11.80           | -0.0063               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -11.90           | -0.0063               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -8.50            | -0.0045               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -17.30           | -0.0092               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -10.90           | -0.0058               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -14.80           | -0.0079               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -8.00            | -0.0043               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -6.90            | -0.0037               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 30         | NV    | -6.10            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 40         | NV    | -7.80            | -0.0041               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 50         | NV    | -11.90           | -0.0063               | >=-2.5 & <=2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 15\_S\_5M\_NTNV

| 5G NR n2 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             | 1880            | Outer_Full    | 4.54                | 5.19                 | /           | Pass    |
| DFT-s-OFDM QPSK                  | 1880            | Outer_Full    | 4.54                | 5.17                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                | 1880            | Outer_Full    | 4.56                | 5.19                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                | 1880            | Outer_Full    | 4.55                | 5.25                 | /           | Pass    |
| DFT-s-OFDM 256 QAM               | 1880            | Outer_Full    | 4.57                | 5.31                 | /           | Pass    |
| CP-OFDM QPSK                     | 1880            | Outer_Full    | 4.56                | 5.38                 | /           | Pass    |
| CP-OFDM 16 QAM                   | 1880            | Outer_Full    | 4.61                | 5.28                 | /           | Pass    |
| CP-OFDM 64 QAM                   | 1880            | Outer_Full    | 4.58                | 5.35                 | /           | Pass    |
| CP-OFDM 256 QAM                  | 1880            | Outer_Full    | 4.56                | 5.31                 | /           | Pass    |

### 3.1.2 15\_S\_10M\_NTNV

| 5G NR n2 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              | 1880            | Outer_Full    | 9.05                | 10.01                | /           | Pass    |
| DFT-s-OFDM QPSK                   | 1880            | Outer_Full    | 9.10                | 10.10                | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 1880            | Outer_Full    | 9.08                | 10.11                | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 1880            | Outer_Full    | 9.07                | 10.08                | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 1880            | Outer_Full    | 9.06                | 10.02                | /           | Pass    |
| CP-OFDM QPSK                      | 1880            | Outer_Full    | 9.39                | 10.44                | /           | Pass    |
| CP-OFDM 16 QAM                    | 1880            | Outer_Full    | 9.40                | 10.41                | /           | Pass    |
| CP-OFDM 64 QAM                    | 1880            | Outer_Full    | 9.37                | 10.35                | /           | Pass    |
| CP-OFDM 256 QAM                   | 1880            | Outer_Full    | 9.42                | 10.47                | /           | Pass    |

### 3.1.3 15\_S\_15M\_NTNV

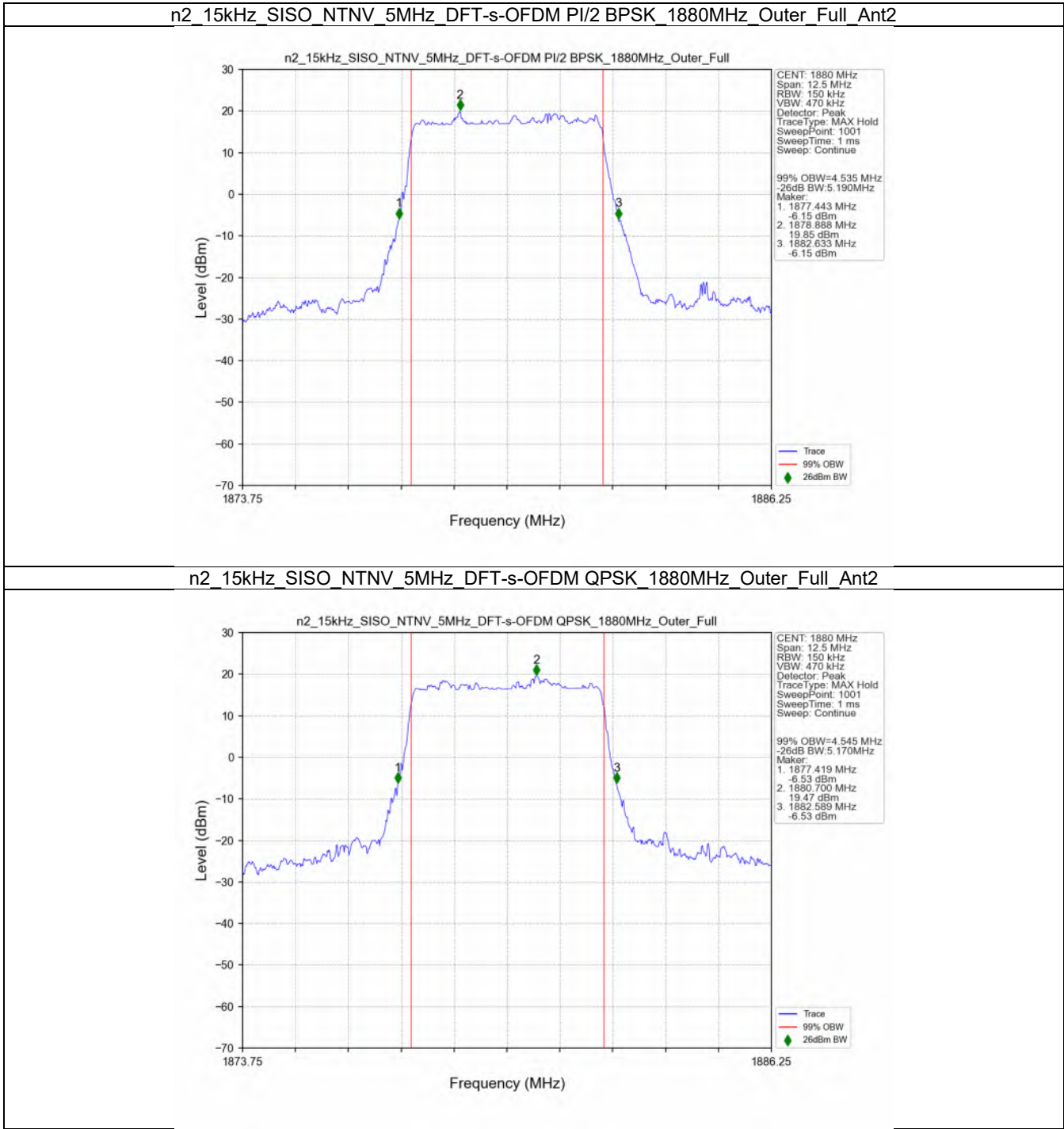
| 5G NR n2 SCS=15kHz SISO 15MHz NTN |                 |               |                     |                      |             |         |
|-----------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK              | 1880            | Outer_Full    | 13.59               | 14.83                | /           | Pass    |
| DFT-s-OFDM QPSK                   | 1880            | Outer_Full    | 13.60               | 14.78                | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 1880            | Outer_Full    | 13.66               | 14.96                | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 1880            | Outer_Full    | 13.57               | 14.82                | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 1880            | Outer_Full    | 13.60               | 14.75                | /           | Pass    |
| CP-OFDM QPSK                      | 1880            | Outer_Full    | 14.24               | 15.54                | /           | Pass    |
| CP-OFDM 16 QAM                    | 1880            | Outer_Full    | 14.28               | 15.57                | /           | Pass    |
| CP-OFDM 64 QAM                    | 1880            | Outer_Full    | 14.31               | 15.57                | /           | Pass    |
| CP-OFDM 256 QAM                   | 1880            | Outer_Full    | 14.23               | 15.49                | /           | Pass    |

### 3.1.4 15\_S\_20M\_NTNV

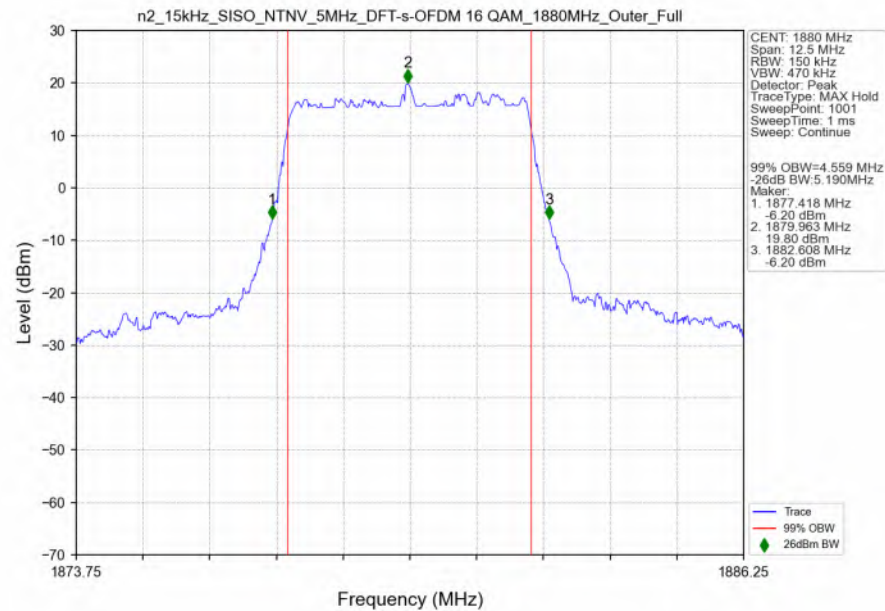
| 5G NR n2 SCS=15kHz SISO 20MHz NTN |                 |               |                     |                      |             |         |
|-----------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK              | 1880            | Outer_Full    | 18.10               | 19.57                | /           | Pass    |
| DFT-s-OFDM QPSK                   | 1880            | Outer_Full    | 18.10               | 19.62                | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 1880            | Outer_Full    | 18.07               | 19.54                | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 1880            | Outer_Full    | 18.08               | 19.54                | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 1880            | Outer_Full    | 18.09               | 19.45                | /           | Pass    |
| CP-OFDM QPSK                      | 1880            | Outer_Full    | 19.08               | 20.65                | /           | Pass    |
| CP-OFDM 16 QAM                    | 1880            | Outer_Full    | 19.16               | 20.73                | /           | Pass    |
| CP-OFDM 64 QAM                    | 1880            | Outer_Full    | 19.15               | 20.63                | /           | Pass    |
| CP-OFDM 256 QAM                   | 1880            | Outer_Full    | 19.21               | 20.65                | /           | Pass    |

3.2 Test Graph

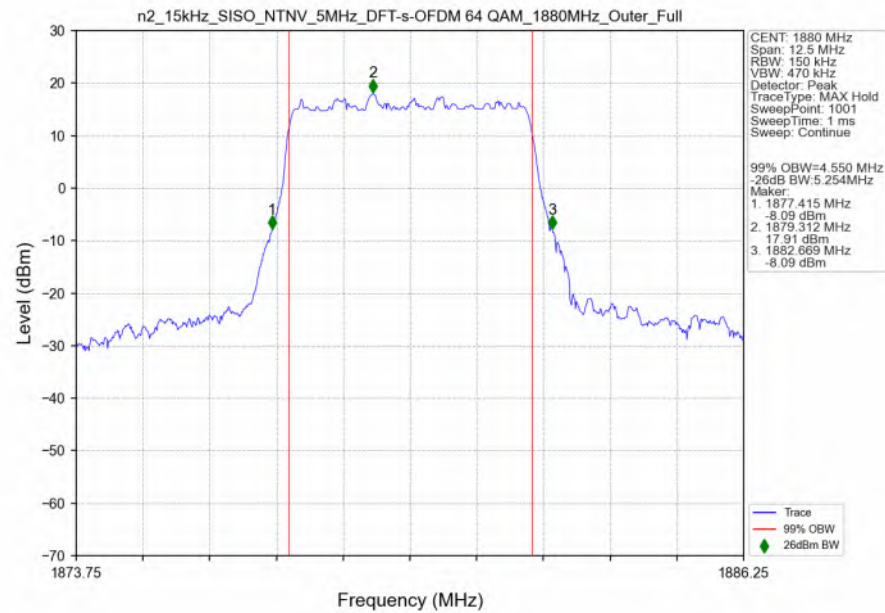
3.2.1 15\_S\_5M\_NTNV



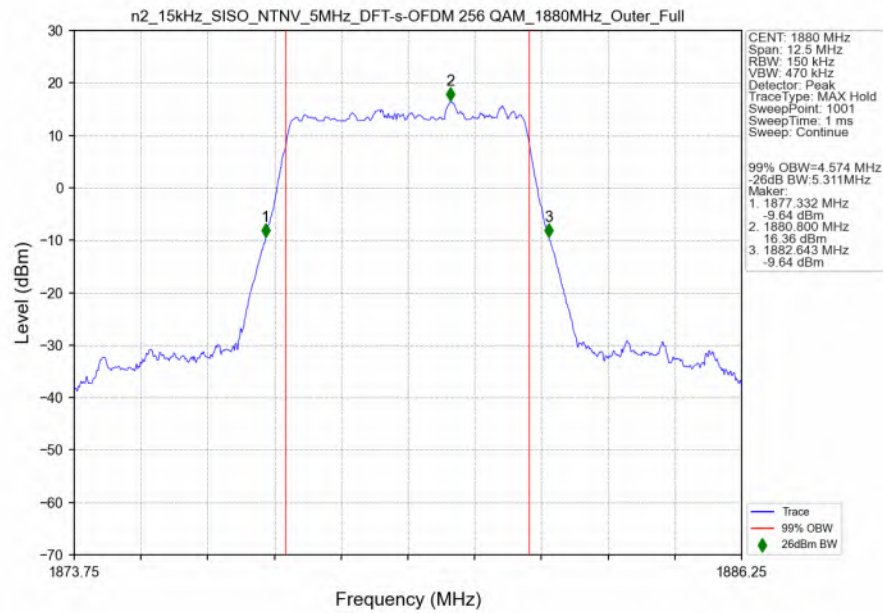
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant2



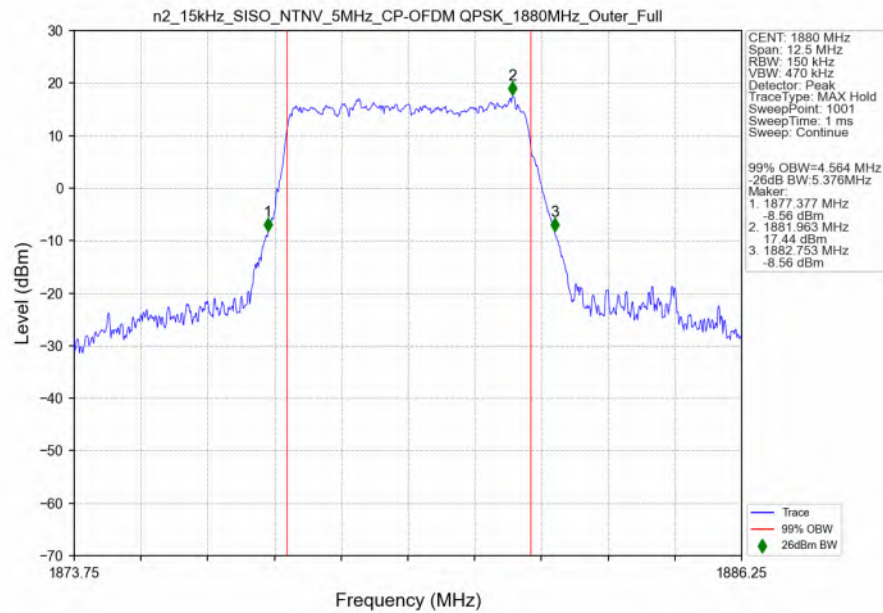
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant2



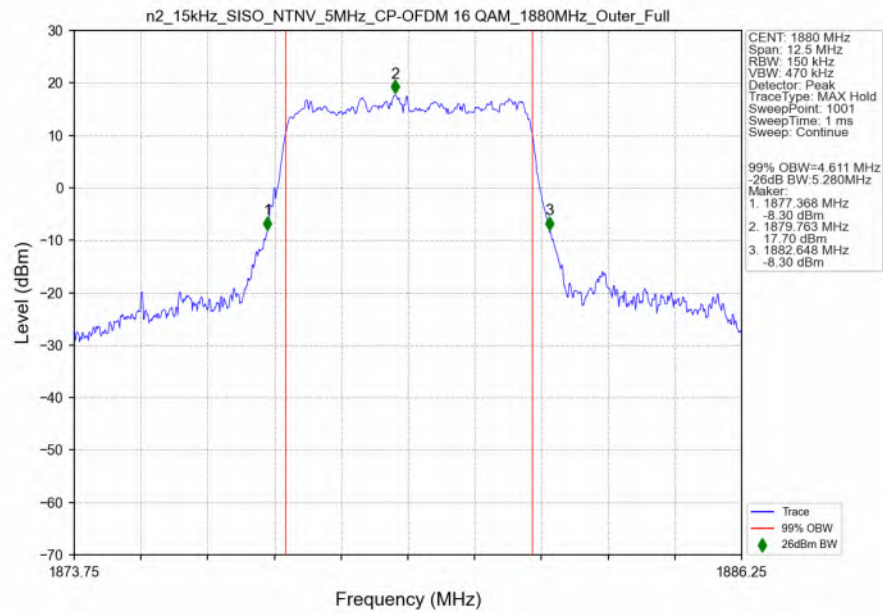
n2\_15kHz\_SISO NTN 5MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant2



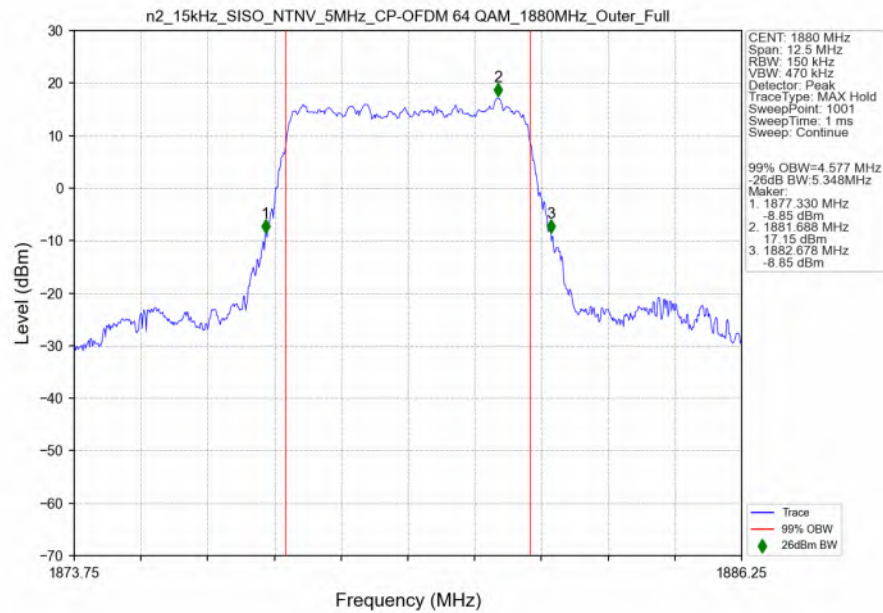
n2\_15kHz\_SISO NTN 5MHz CP-OFDM QPSK 1880MHz Outer Full Ant2



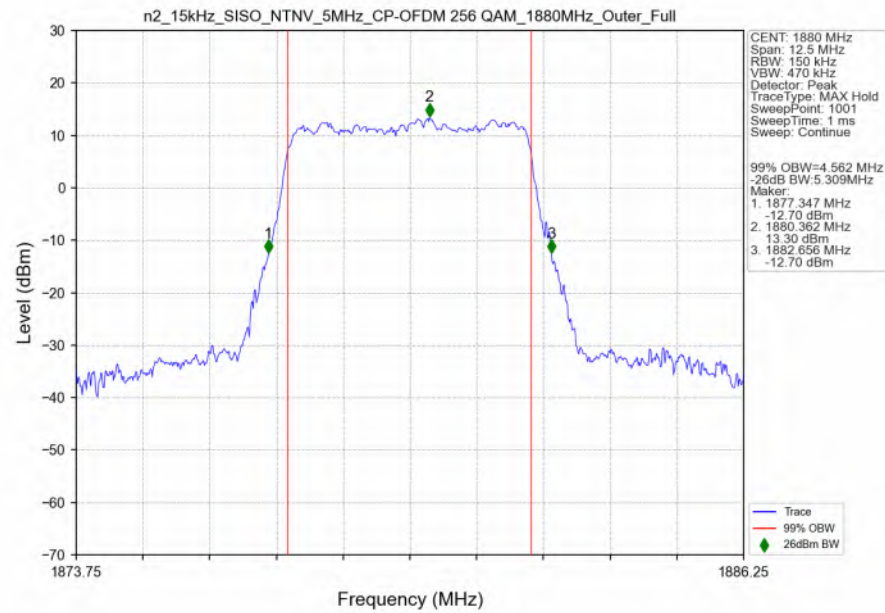
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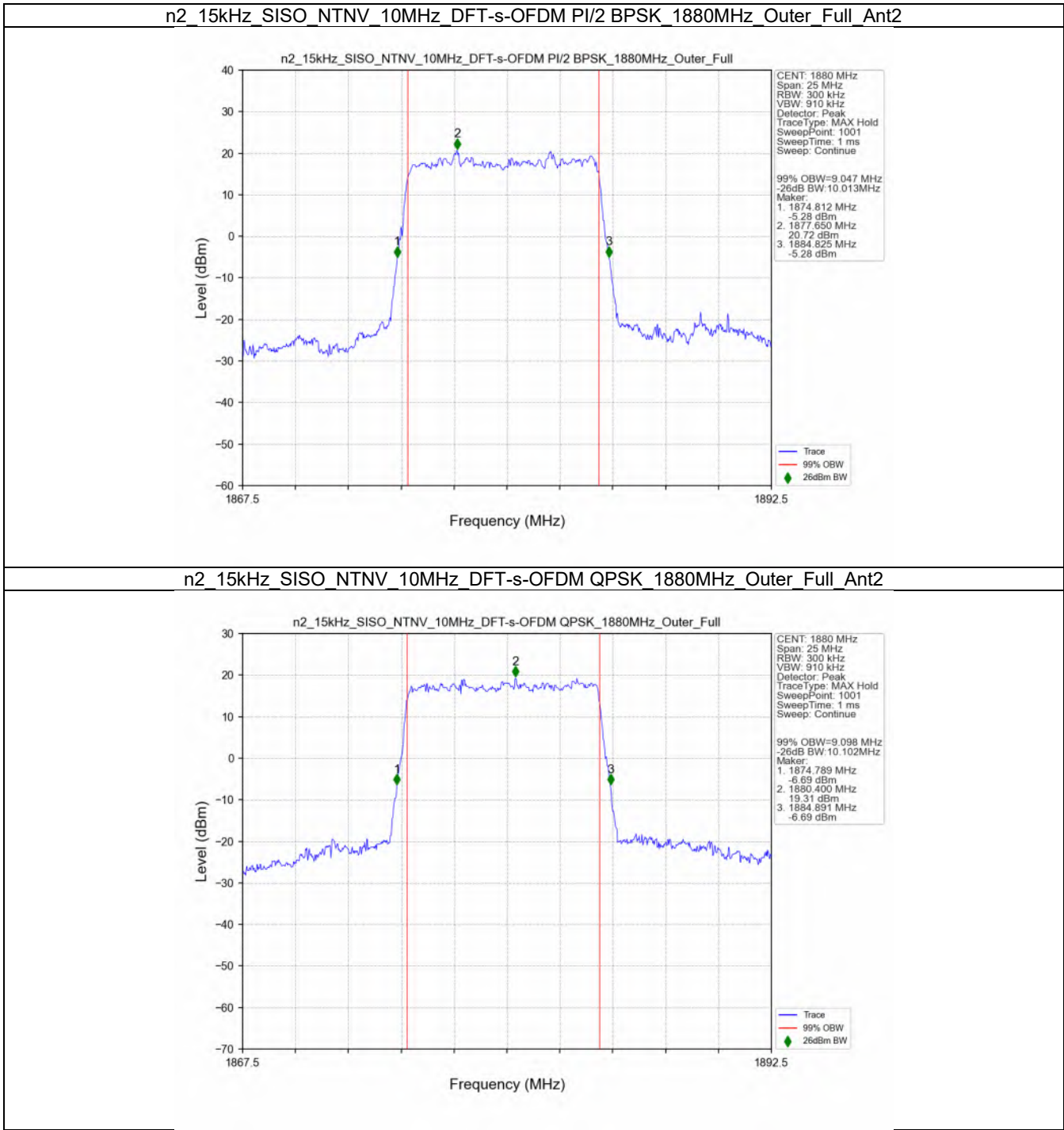
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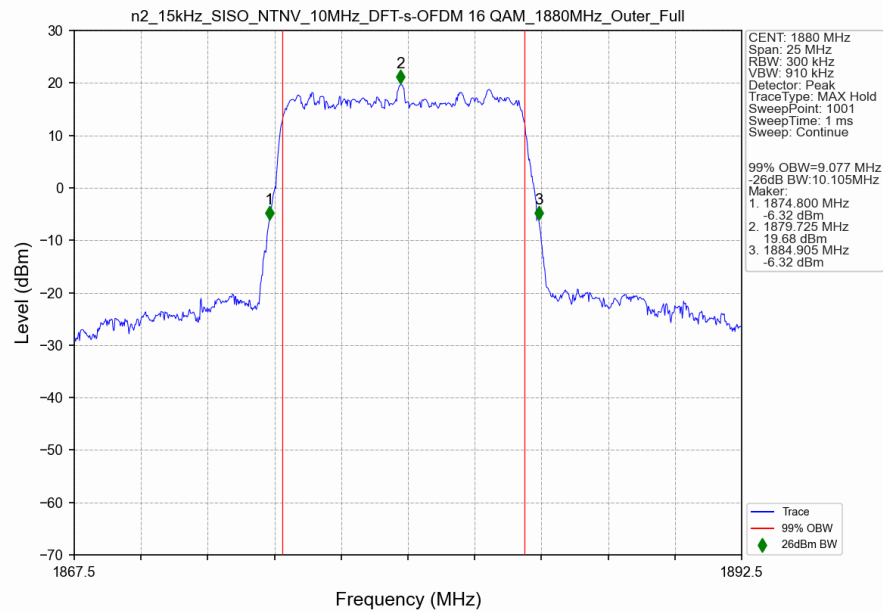
n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



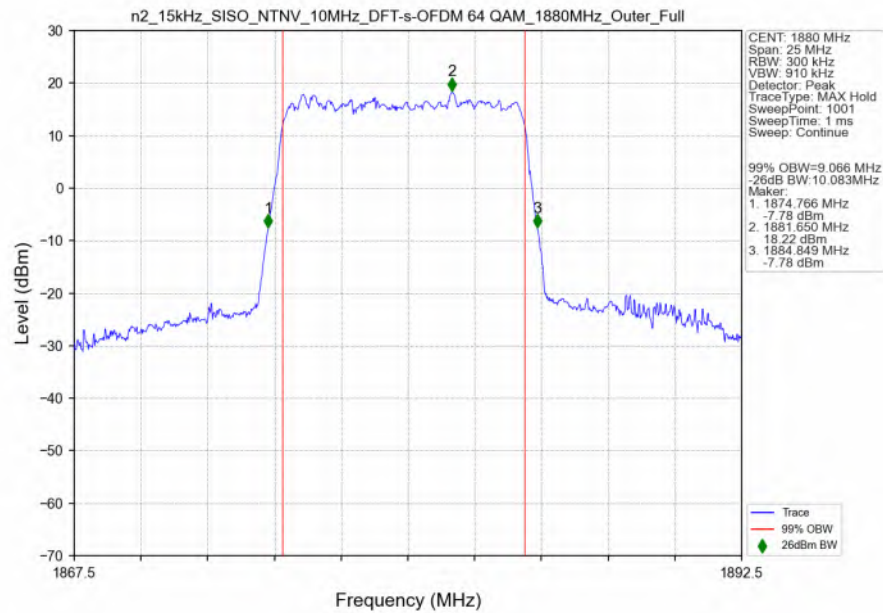
3.2.2 15\_S\_10M\_NTNV



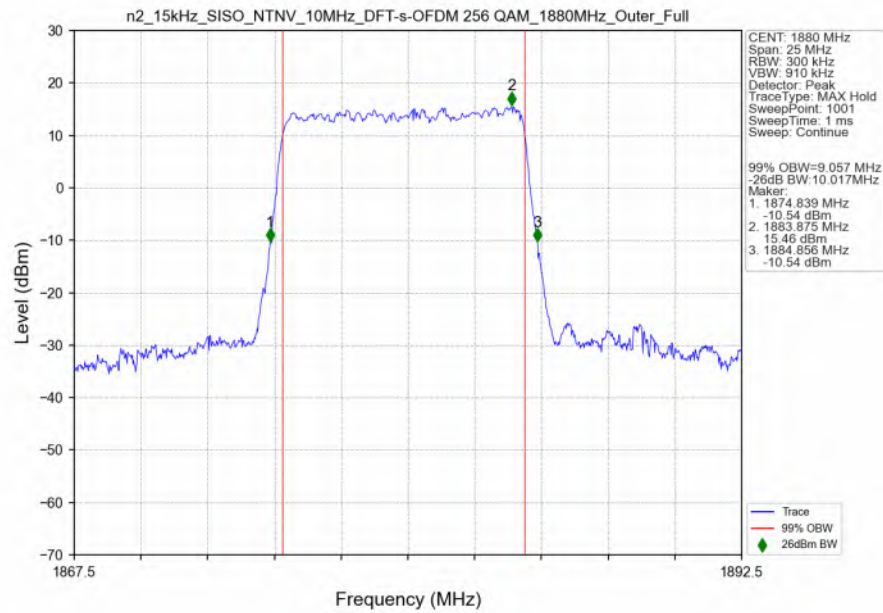
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant2



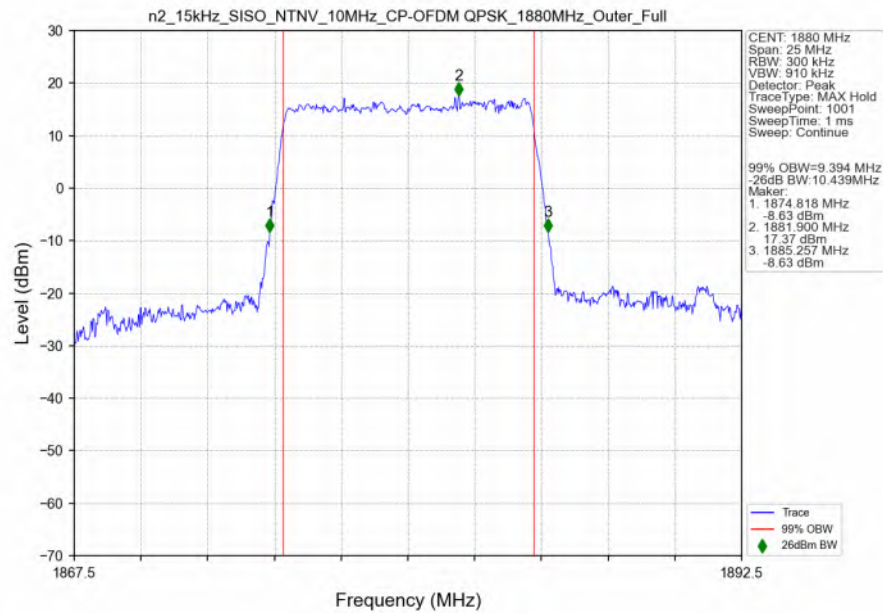
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant2



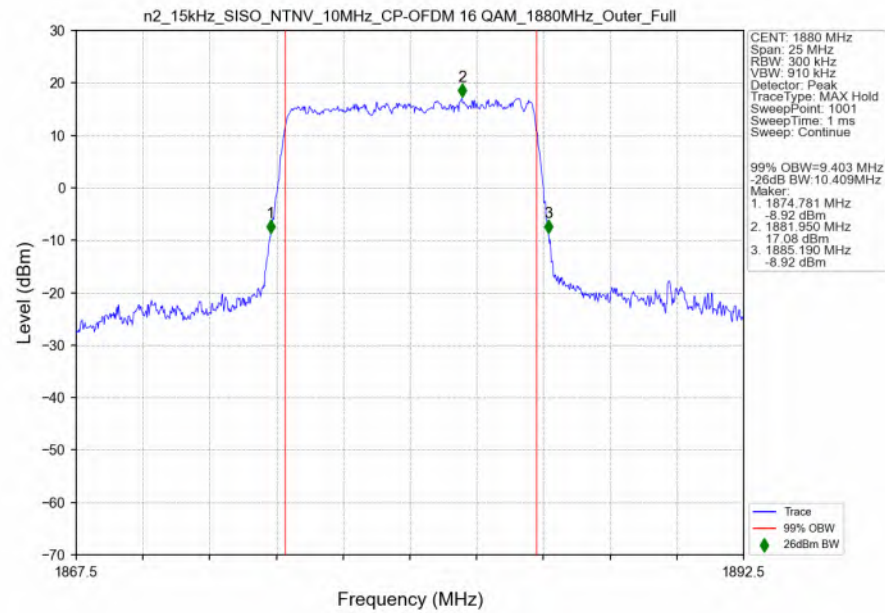
# n2\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



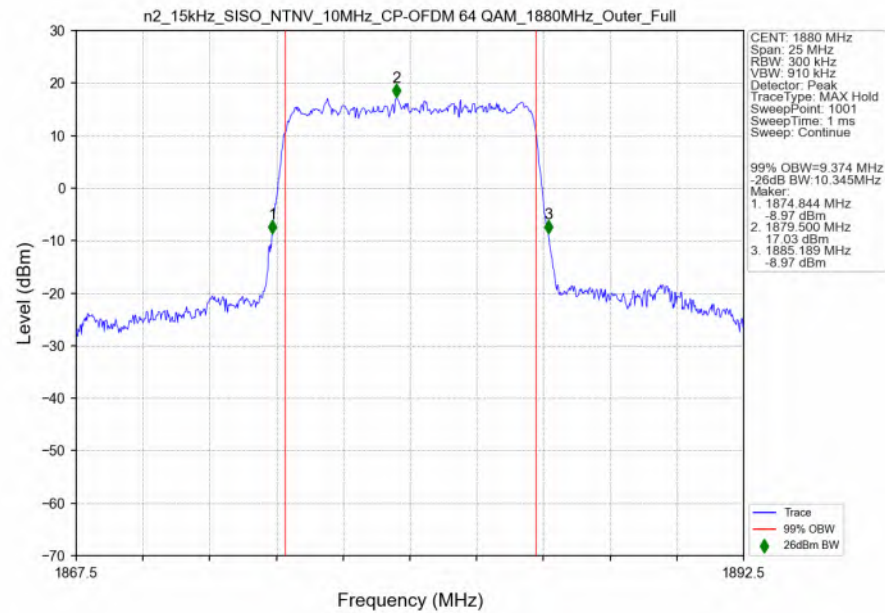
# n2\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_1880MHz\_Outer\_Full\_Ant2



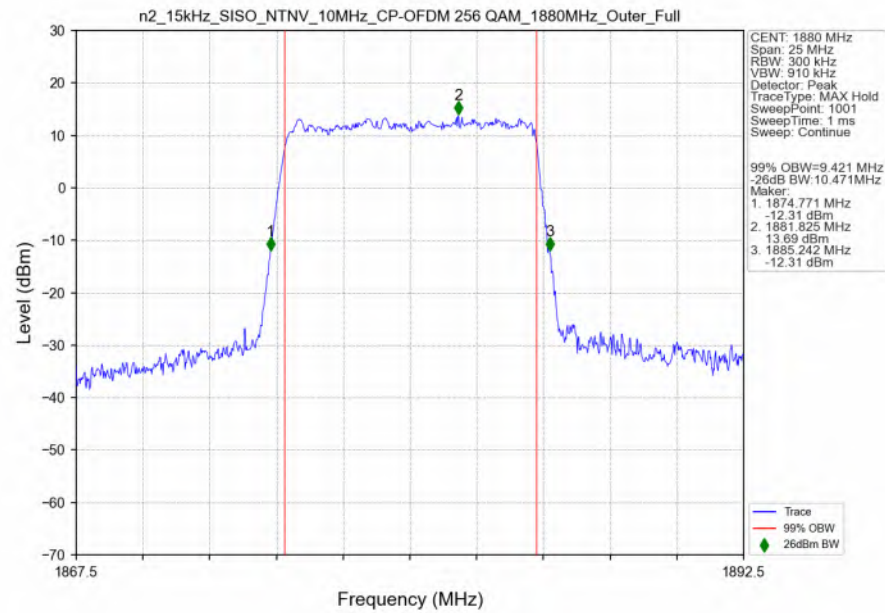
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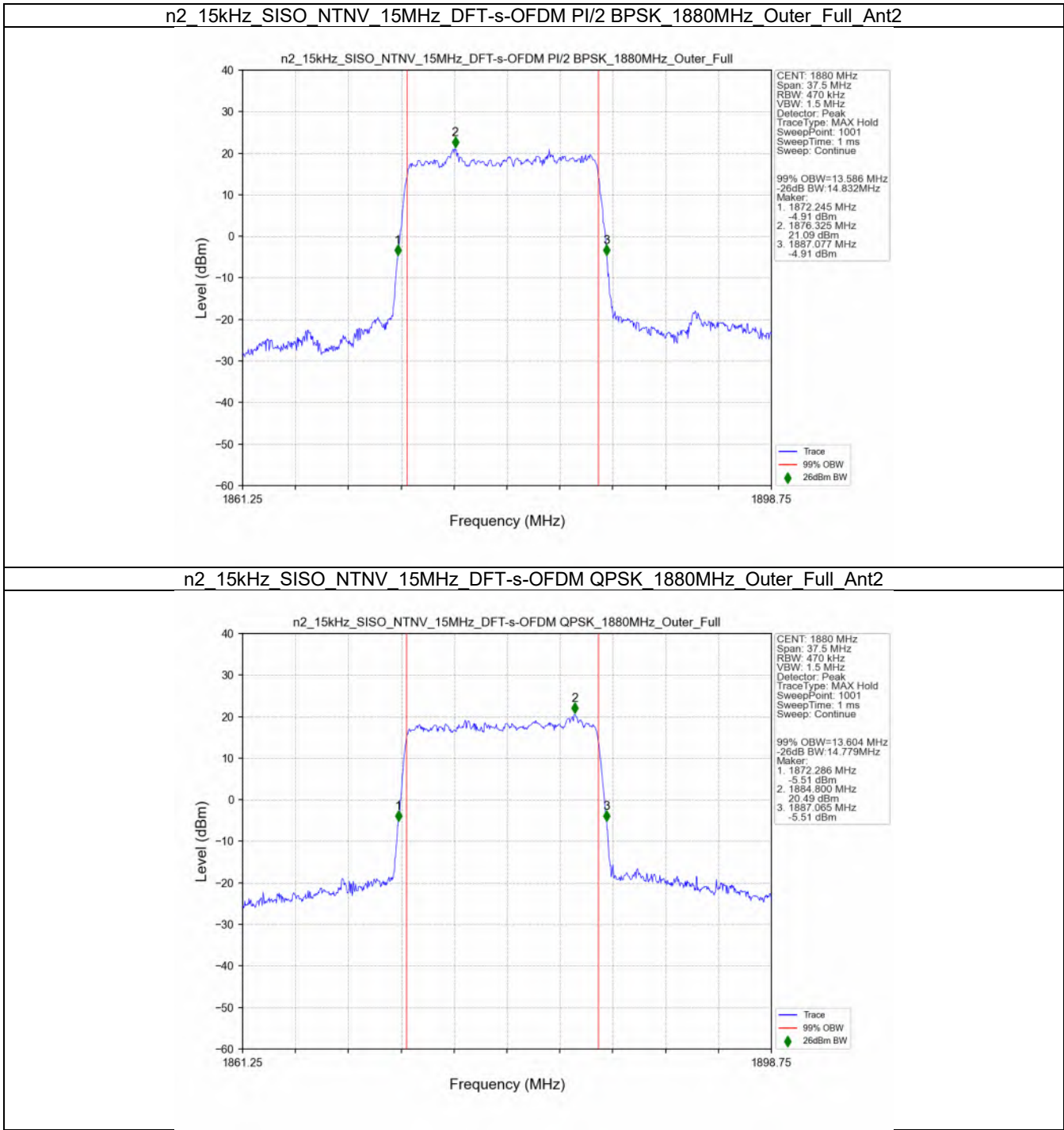
n2\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 64 QAM 1880MHz\_Outer\_Full\_Ant2



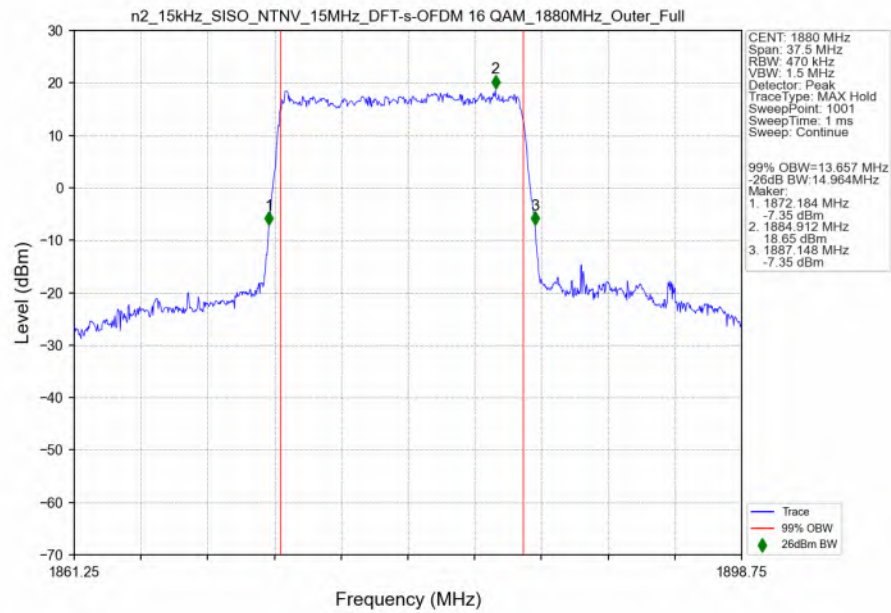
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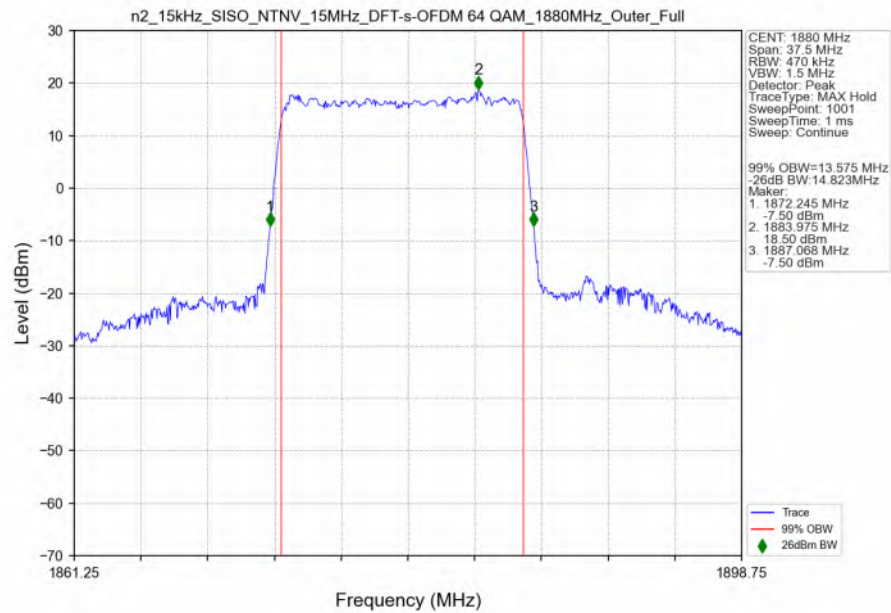
3.2.3 15\_S\_15M\_NTNV



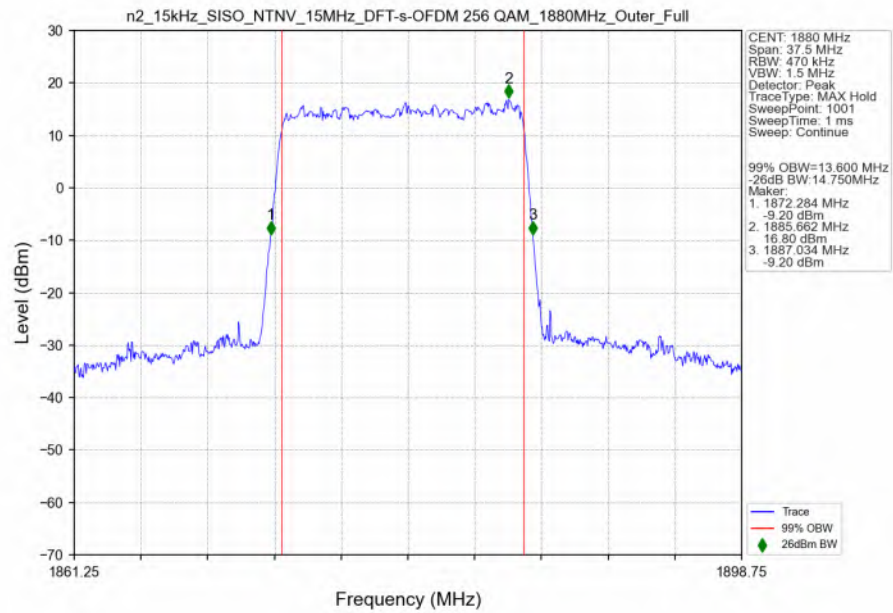
n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_16\_QAM\_1880MHz\_Outer\_Full\_Ant2



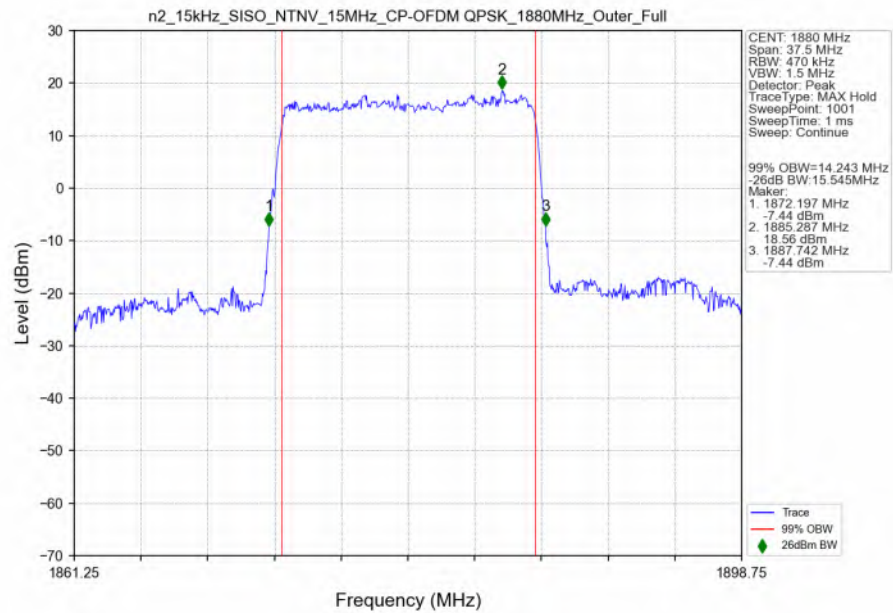
n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_64\_QAM\_1880MHz\_Outer\_Full\_Ant2



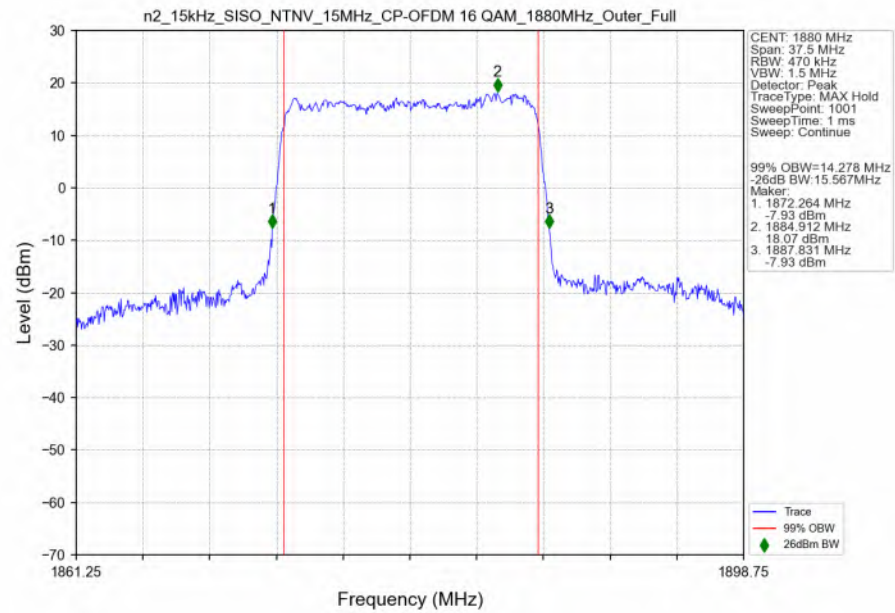
# n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



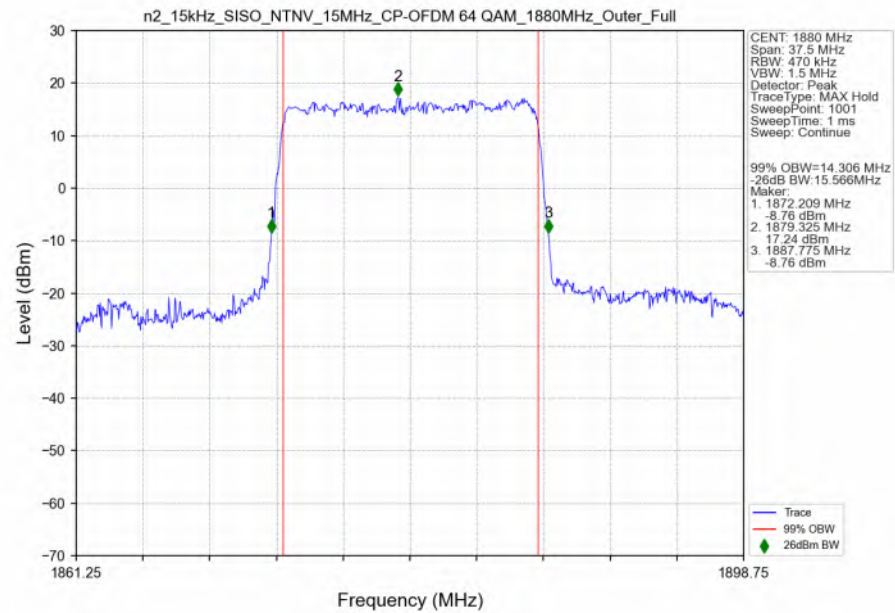
# n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_1880MHz\_Outer\_Full\_Ant2



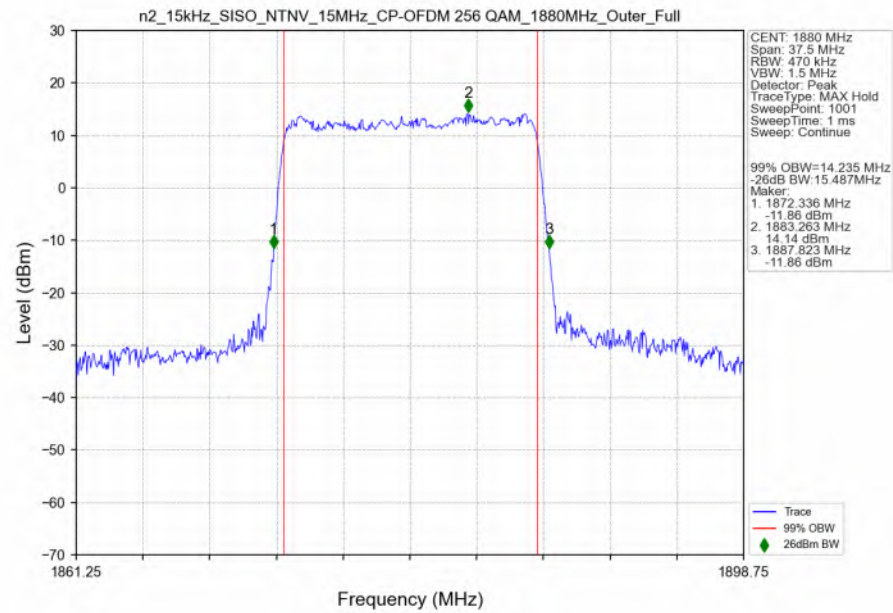
n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM 16 QAM 1880MHz\_Outer\_Full\_Ant2



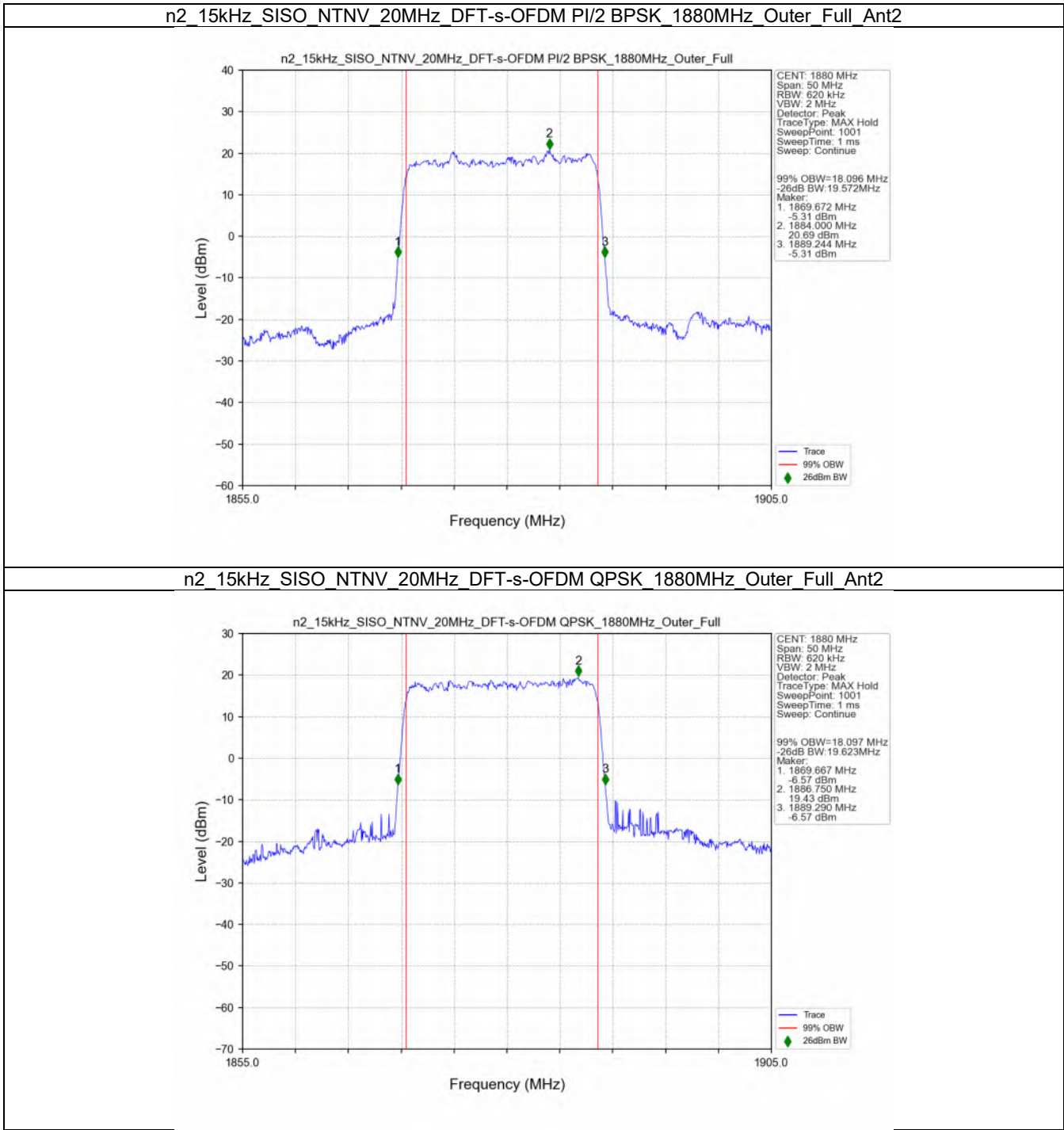
n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM 64 QAM 1880MHz\_Outer\_Full\_Ant2



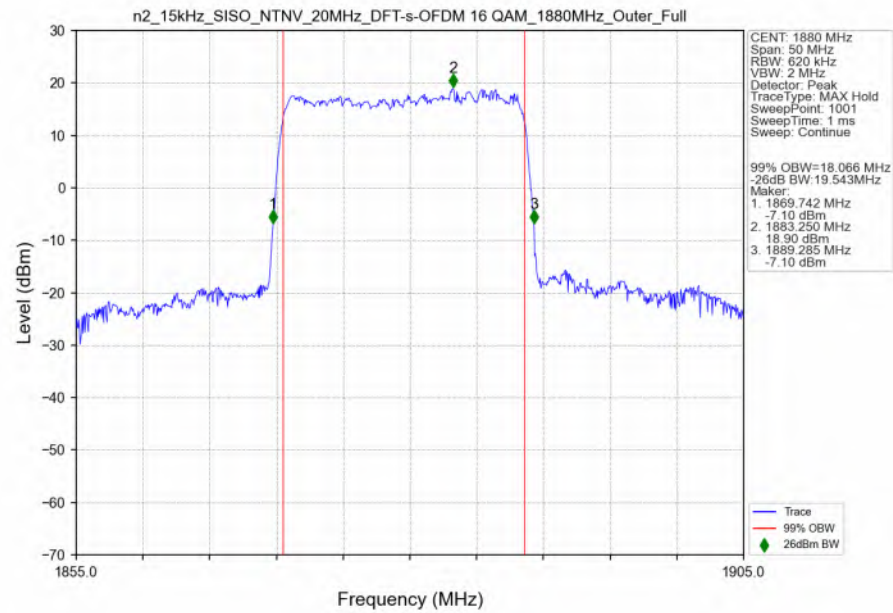
n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



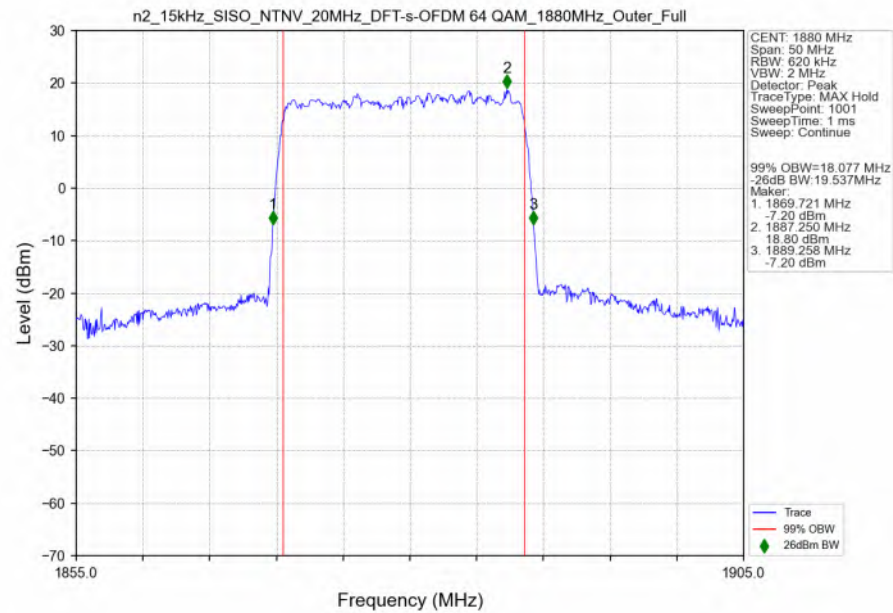
3.2.4 15\_S\_20M\_NTNV



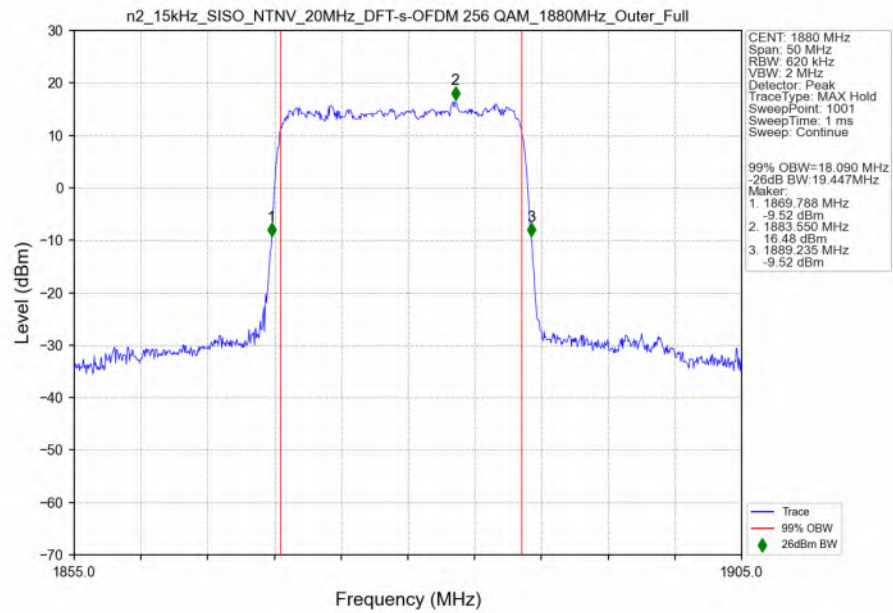
n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 16 QAM 1880MHz\_Outer\_Full\_Ant2



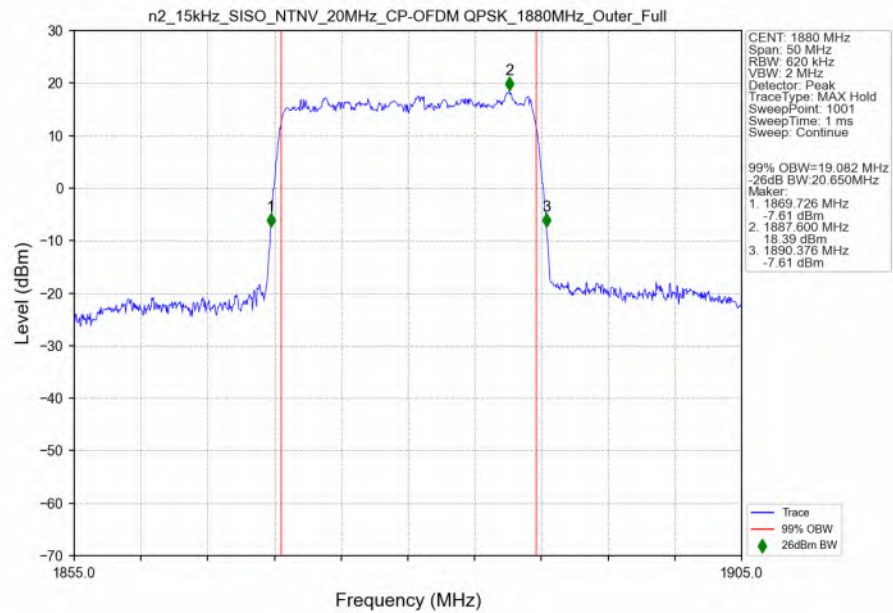
n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM 1880MHz\_Outer\_Full\_Ant2



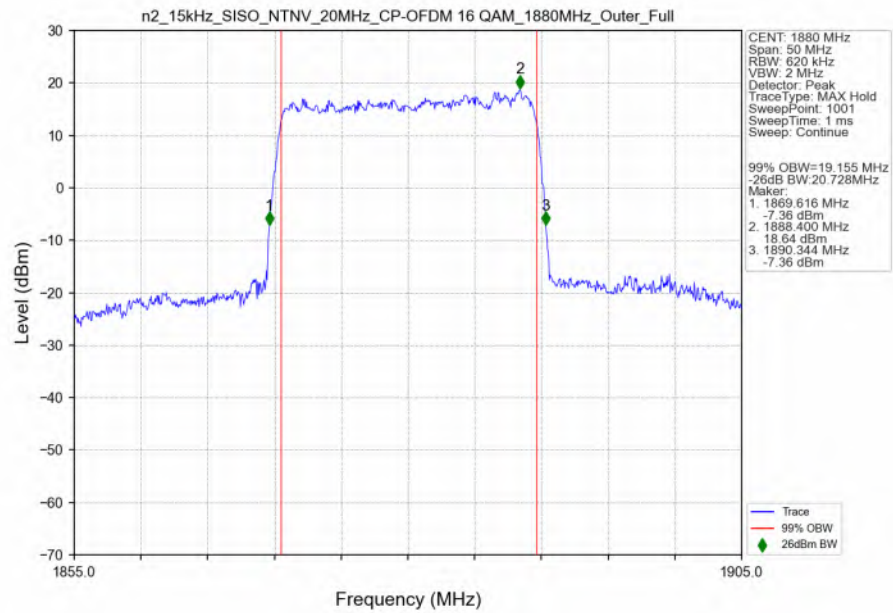
# n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



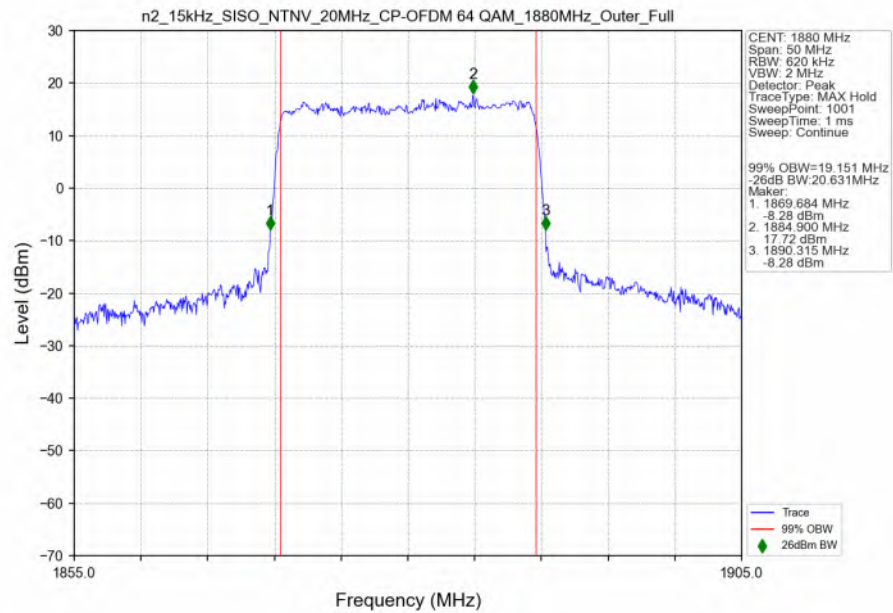
# n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_1880MHz\_Outer\_Full\_Ant2



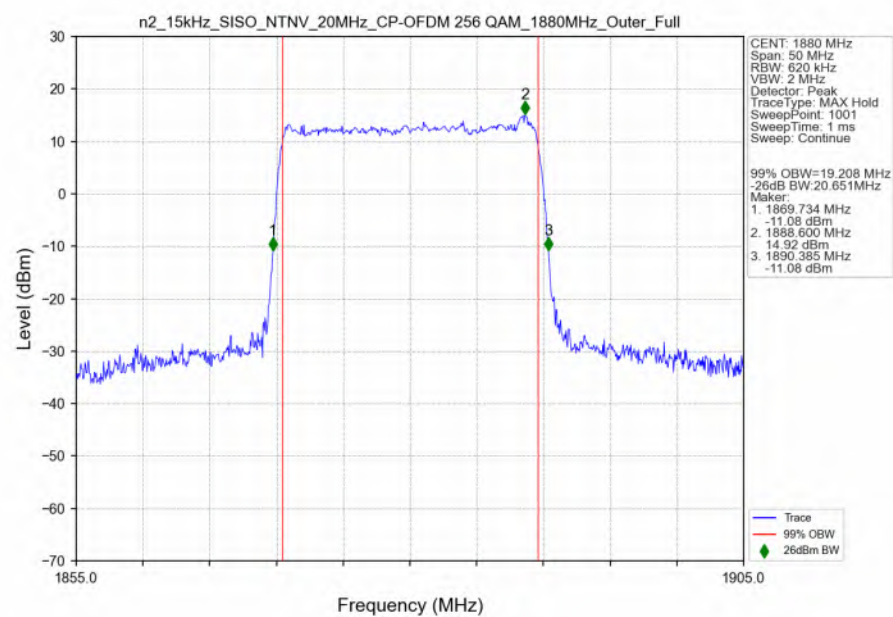
n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 16 QAM 1880MHz\_Outer\_Full\_Ant2



n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 64 QAM 1880MHz\_Outer\_Full\_Ant2



n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_1880MHz\_Outer\_Full\_Ant2



## 4. Peak-Average Ratio

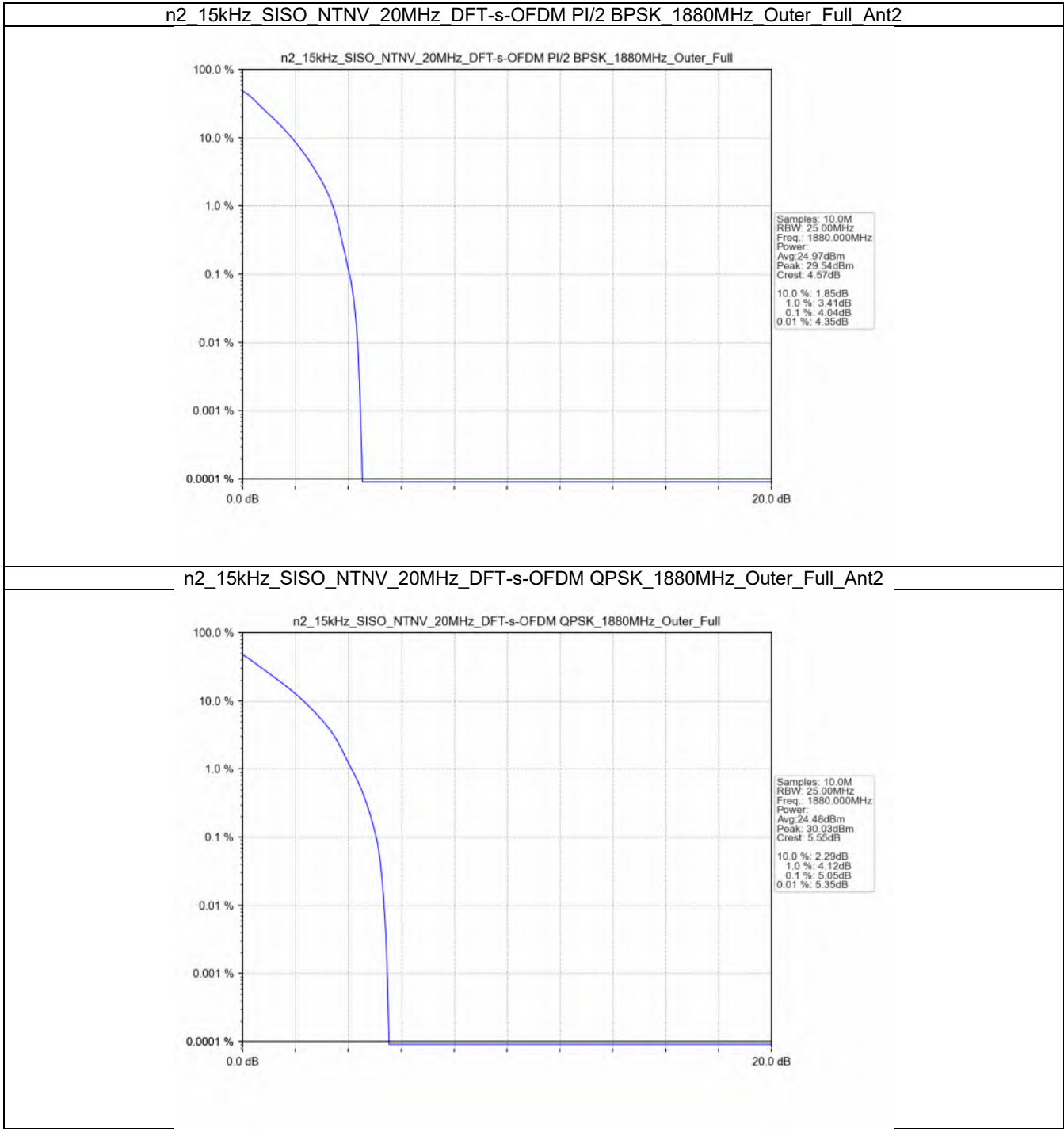
### 4.1 Test Result

#### 4.1.1 15\_S\_20M\_NTNV

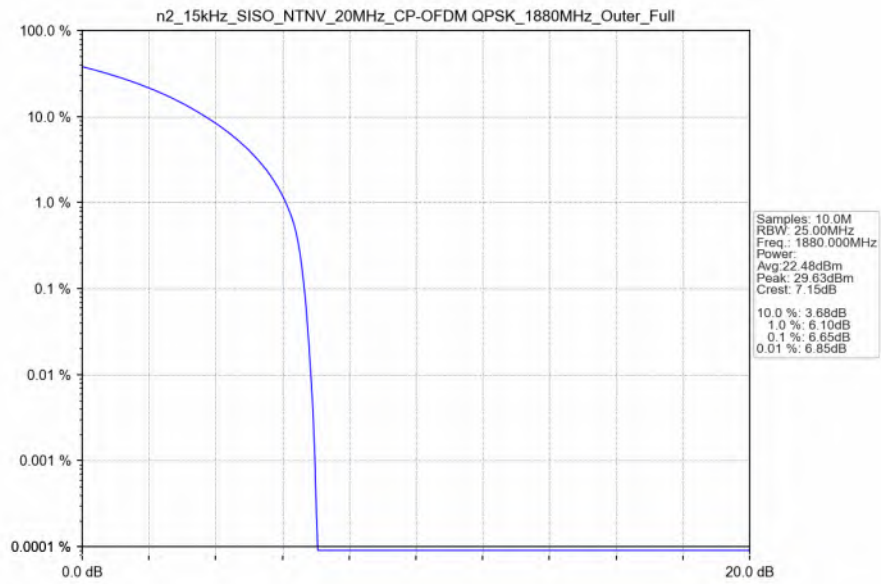
| 5G NR n2 SCS=15kHz SISO 20MHz NTN |                 |               |                         |       |     |       |         |
|-----------------------------------|-----------------|---------------|-------------------------|-------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |       |     |       | Verdict |
|                                   |                 |               | Ant2                    | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 1880            | Outer Full    | 4.04                    | /     | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                   | 1880            | Outer Full    | 5.05                    | /     | /   | <=13  | Pass    |
| CP-OFDM QPSK                      | 1880            | Outer Full    | 6.65                    | /     | /   | <=13  | Pass    |

4.2 Test Graph

4.2.1 15\_S\_20M\_NTNV



n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Outer Full Ant2



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 15\_S\_5M\_NTNV

| 5G NR n2 SCS=15kHz SISO 5MHz NTN |                 |                |                     |       |     |       |         |
|----------------------------------|-----------------|----------------|---------------------|-------|-----|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation  | Spurious Emission   |       |     |       | Verdict |
|                                  |                 |                | Ant2                | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK             | 1852.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1907.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| DFT-s-OFDM QPSK                  | 1852.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1907.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| CP-OFDM QPSK                     | 1852.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                  | 1907.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                  |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |

#### 5.1.2 15\_S\_15M\_NTNV

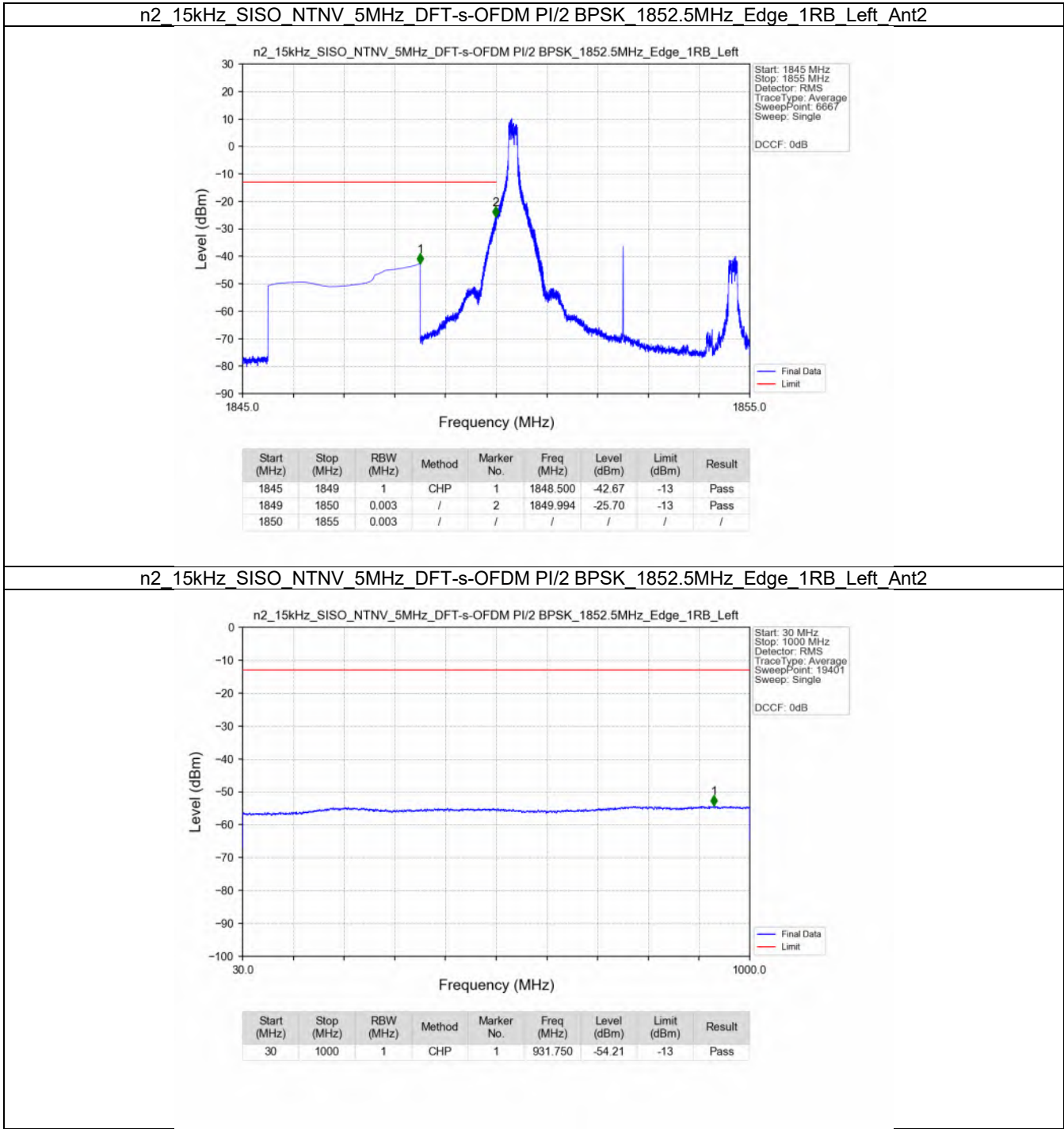
| 5G NR n2 SCS=15kHz SISO 15MHz NTN |                 |                |                     |       |     |       |         |
|-----------------------------------|-----------------|----------------|---------------------|-------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation  | Spurious Emission   |       |     |       | Verdict |
|                                   |                 |                | Ant2                | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 1857.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1902.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| DFT-s-OFDM QPSK                   | 1857.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1902.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| CP-OFDM QPSK                      | 1857.5          | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1902.5          | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |

### 5.1.3 15\_S\_20M\_NTNV

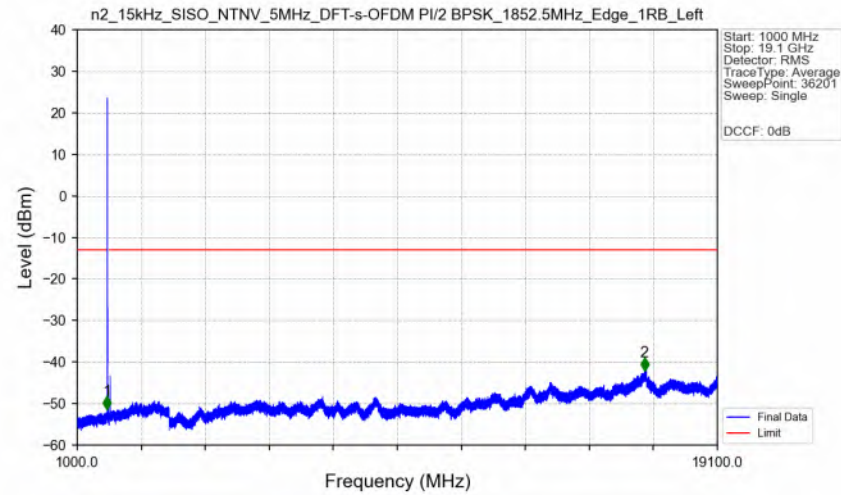
| 5G NR n2 SCS=15kHz SISO 20MHz NTN |                 |                |                     |       |     |       |         |
|-----------------------------------|-----------------|----------------|---------------------|-------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation  | Spurious Emission   |       |     |       | Verdict |
|                                   |                 |                | Ant2                | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 1860            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Edge 1RB Right | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1900            | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
| DFT-s-OFDM QPSK                   | 1860            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Edge 1RB Right | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1900            | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
| CP-OFDM QPSK                      | 1860            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1880            | Edge 1RB Left  | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Edge 1RB Right | Refer To Test Graph |       |     |       | Pass    |
|                                   | 1900            | Outer Full     | Refer To Test Graph |       |     |       | Pass    |
|                                   |                 | Outer Full     | Refer To Test Graph |       |     |       | Pass    |

5.2 Test Graph

5.2.1 15\_S\_5M\_NTNV

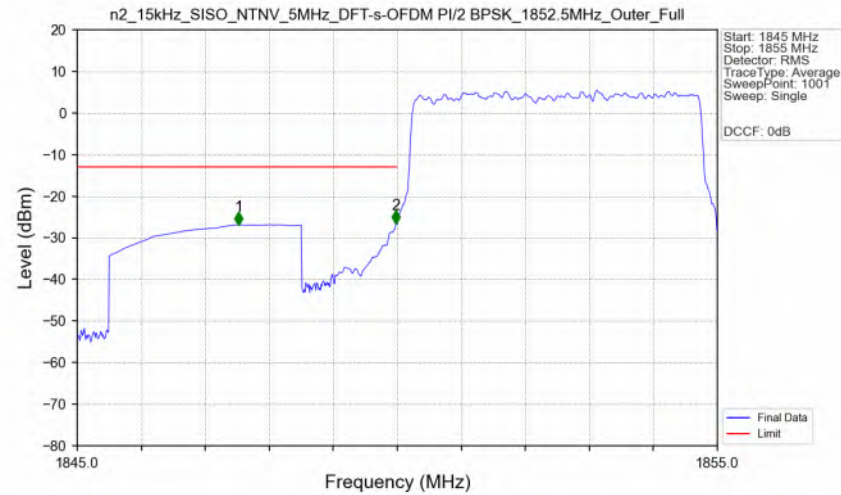


# n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2



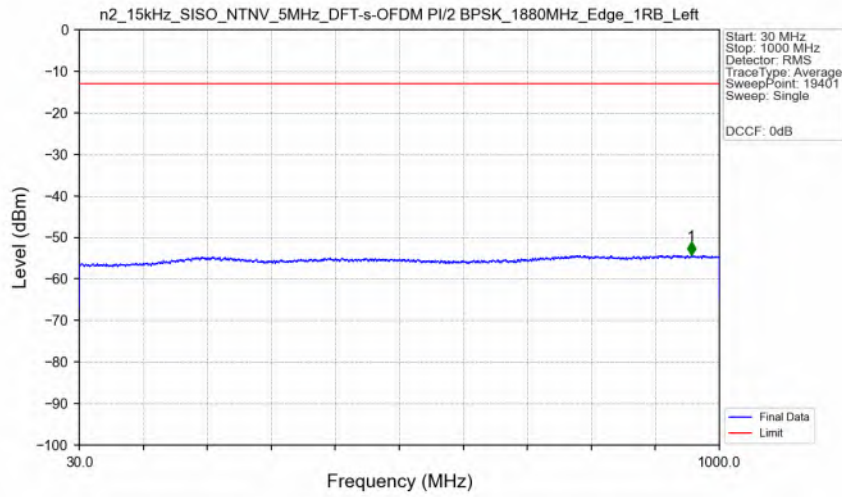
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1844.500   | -51.40      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17036.500  | -42.02      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1852.5MHz\_Outer\_Full\_Ant2

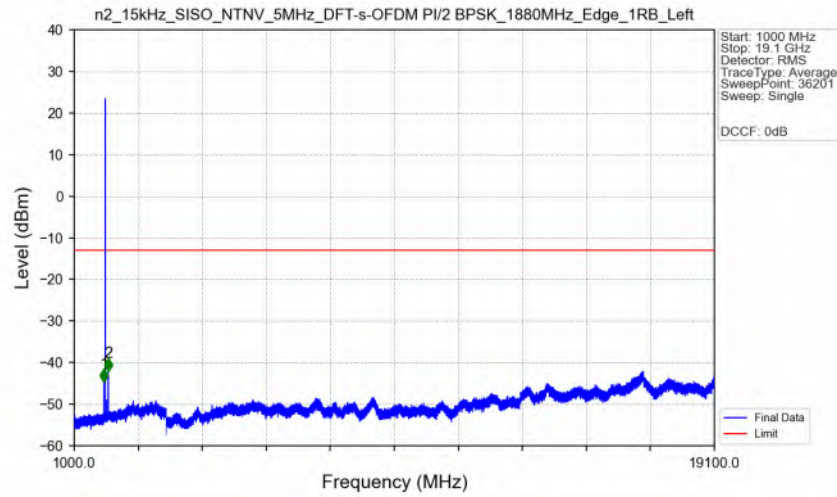


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1847.520   | -26.88      | -13         | Pass   |
| 1849        | 1850       | 0.0517    | CHP    | 2          | 1849.980   | -26.61      | -13         | Pass   |
| 1850        | 1855       | 0.0517    | CHP    | /          | /          | /           | /           | /      |

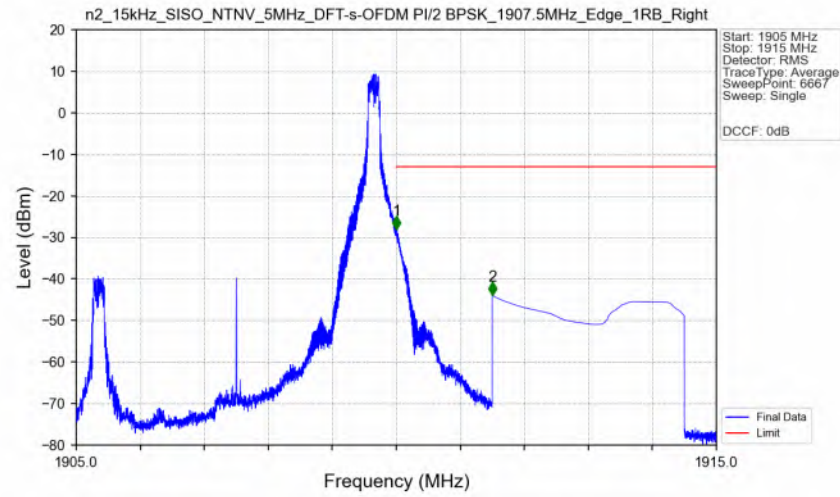
n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2

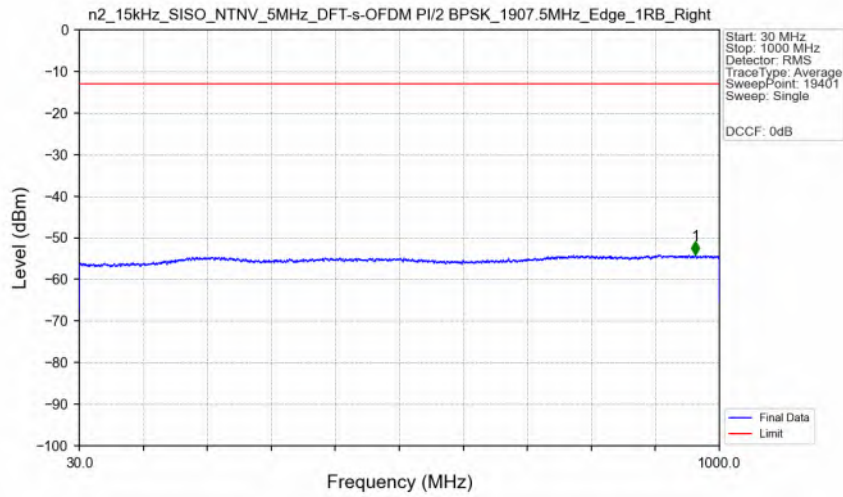


n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right Ant2



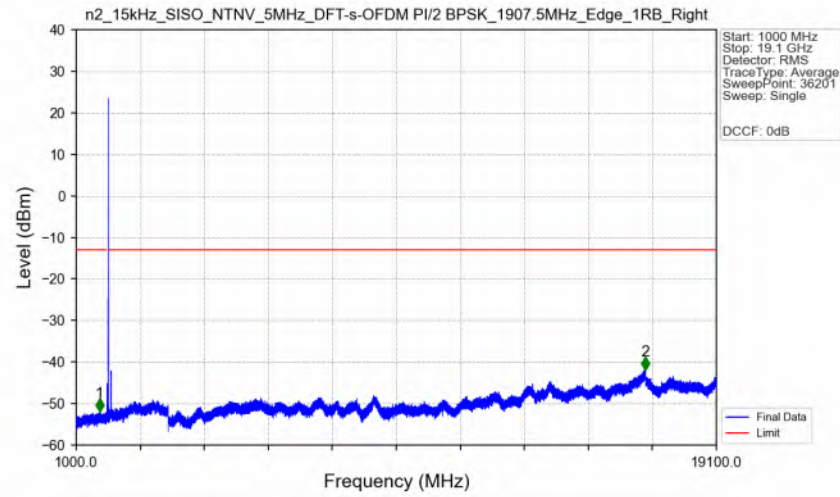
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.003   | -28.00      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -43.92      | -13         | Pass   |

n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right Ant2



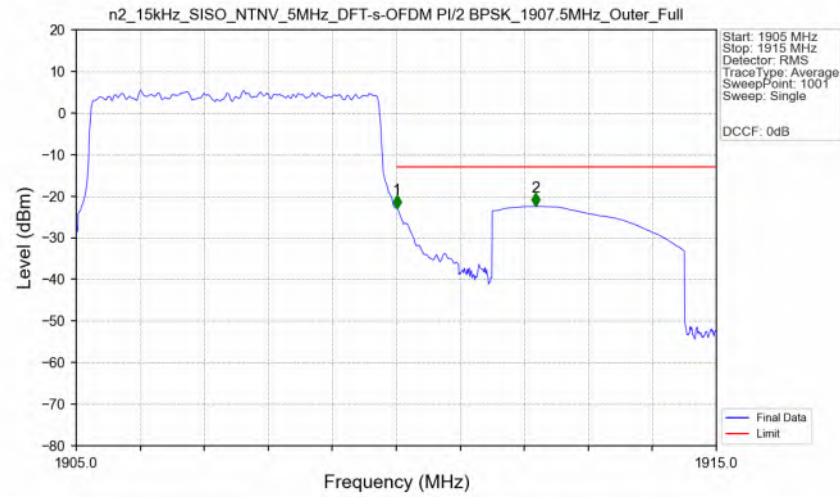
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 963.750    | -54.05      | -13         | Pass   |

n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right Ant2



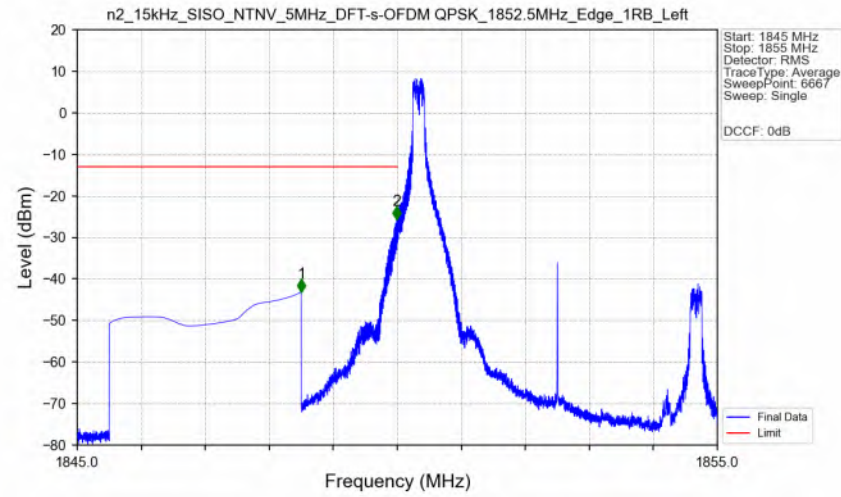
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1653.500   | -52.00      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17090.500  | -41.86      | -13         | Pass   |

n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Outer Full Ant2



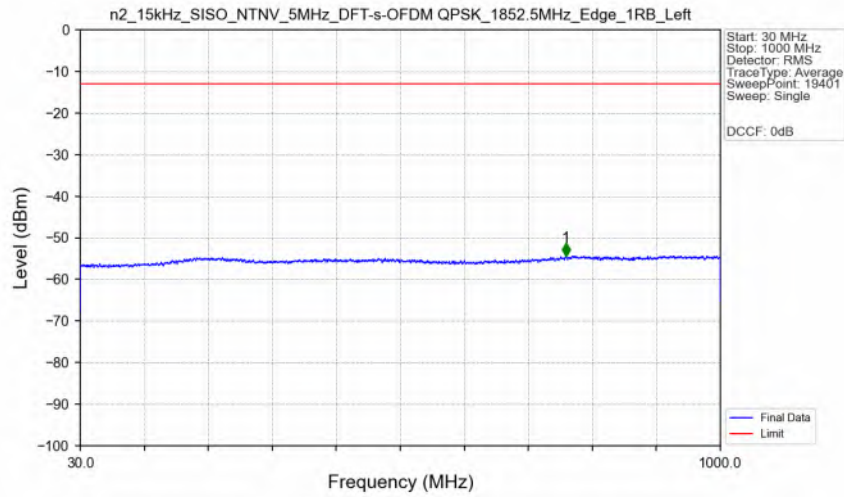
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.0517    | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.0517    | CHP    | 1          | 1910.010   | -22.95      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1912.180   | -22.42      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2



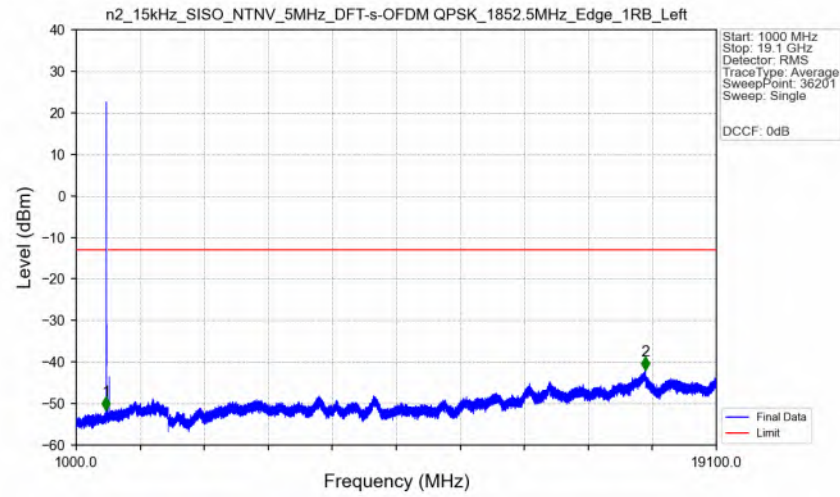
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -43.09      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.991   | -25.58      | -13         | Pass   |
| 1850        | 1855       | 0.003     | /      | /          | /          | /           | /           | /      |

n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2

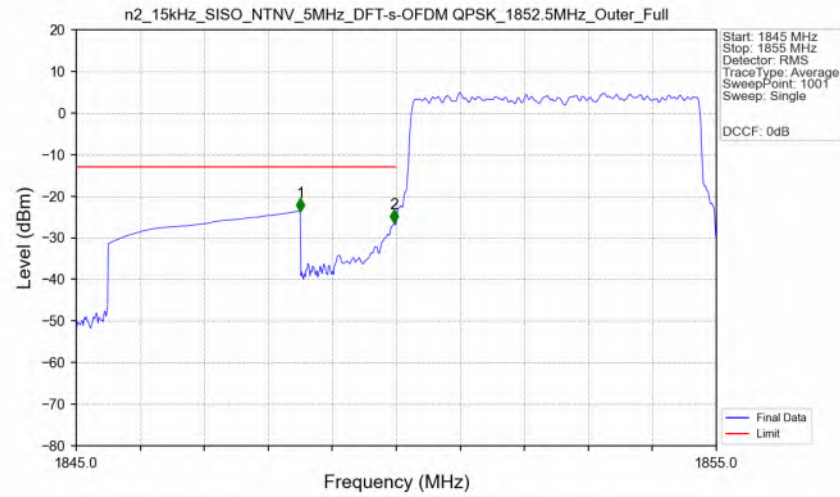


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 765.600    | -54.36      | -13         | Pass   |

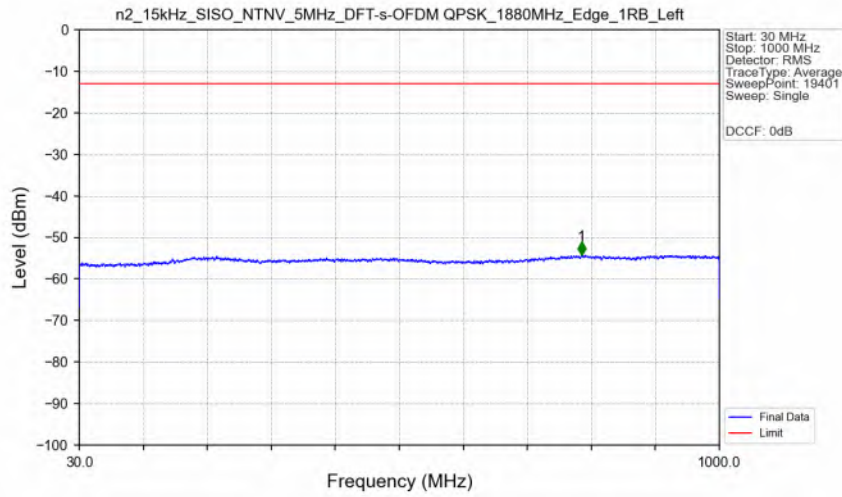
n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2



n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1852.5MHz\_Outer\_Full\_Ant2

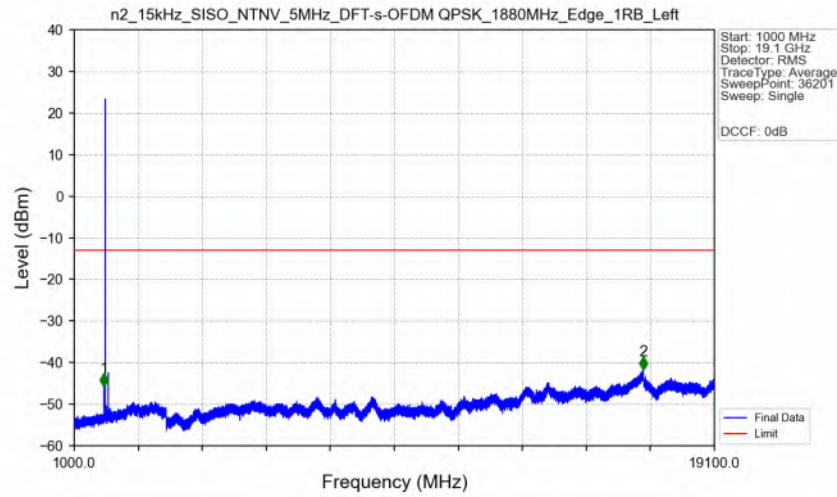


n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1880MHz\_Edge\_1RB\_Left\_Ant2



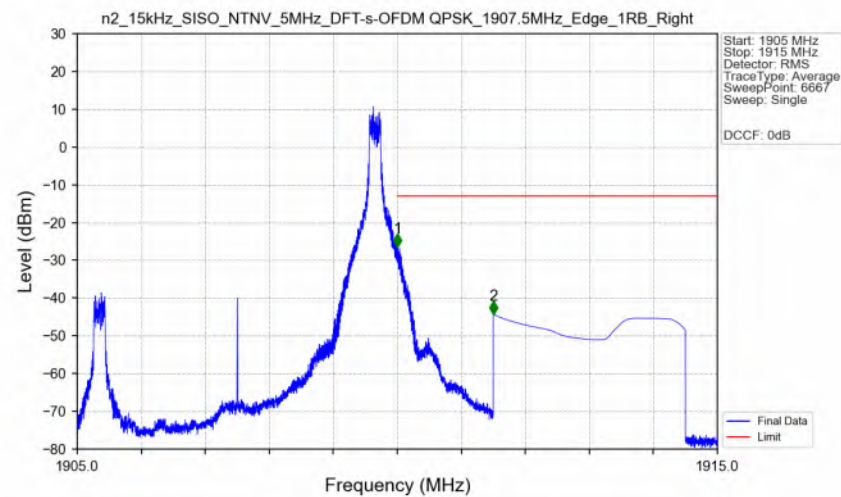
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 790.800    | -54.22      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1880MHz\_Edge\_1RB\_Left\_Ant2



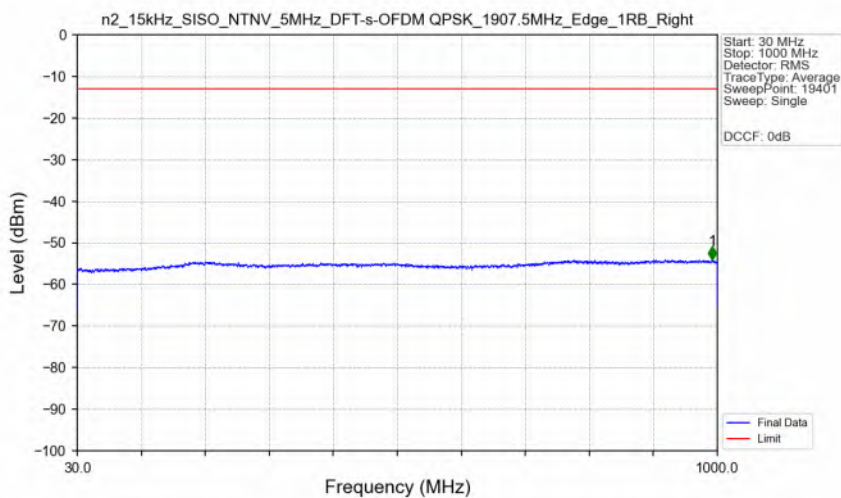
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1839.000   | -45.79      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17083.500  | -41.75      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1907.5MHz\_Edge\_1RB\_Right\_Ant2



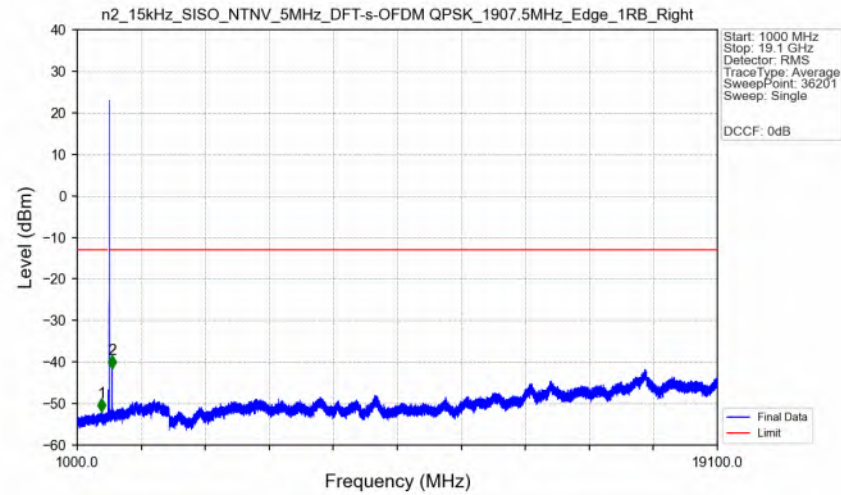
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.005   | -26.38      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -44.27      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_1907.5MHz\_Edge\_1RB\_Right\_Ant2



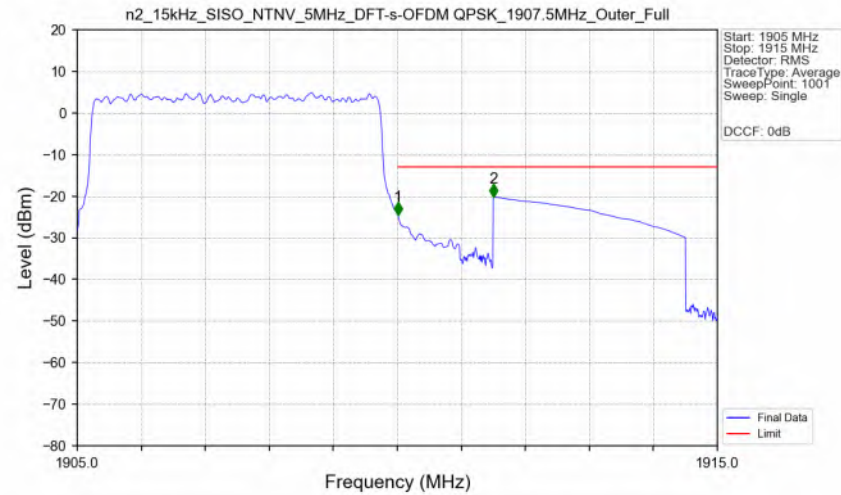
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 992.250    | -54.07      | -13         | Pass   |

# n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right Ant2



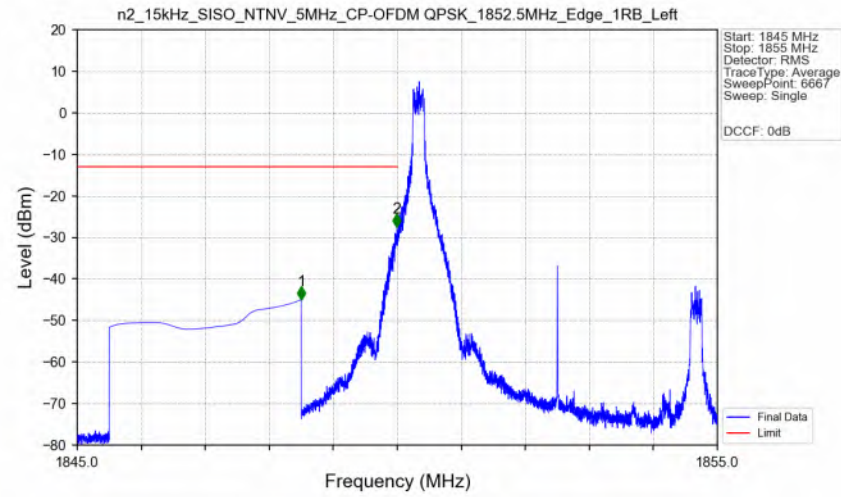
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1687.500   | -51.99      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 1988.000   | -41.52      | -13         | Pass   |

# n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Outer\_Full Ant2



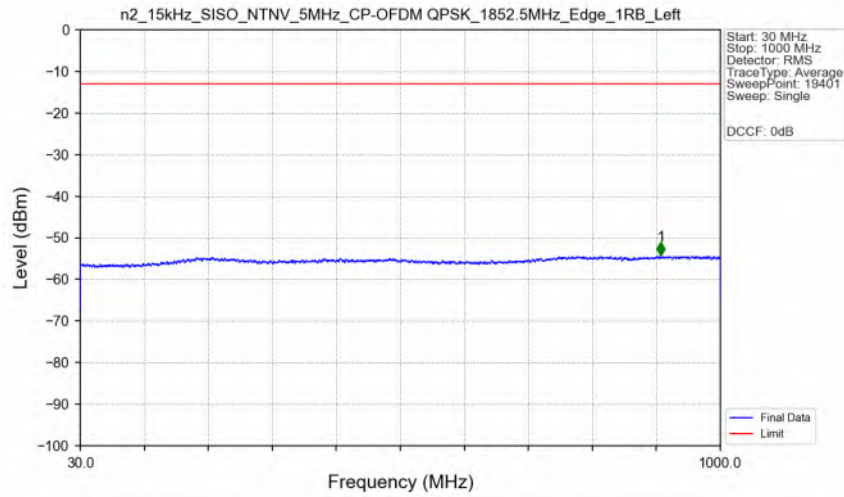
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.0517    | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.0517    | CHP    | 1          | 1910.010   | -24.57      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -20.25      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2



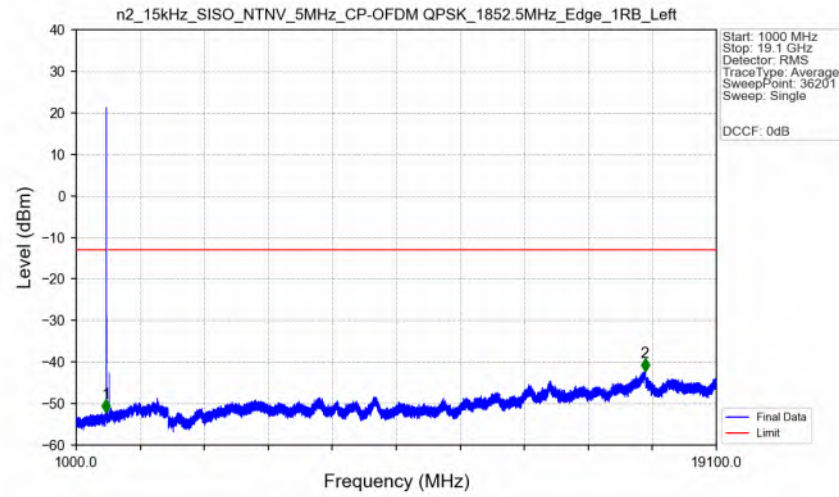
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -44.96      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.994   | -27.56      | -13         | Pass   |
| 1850        | 1855       | 0.003     | /      | /          | /          | /           | /           | /      |

# n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2

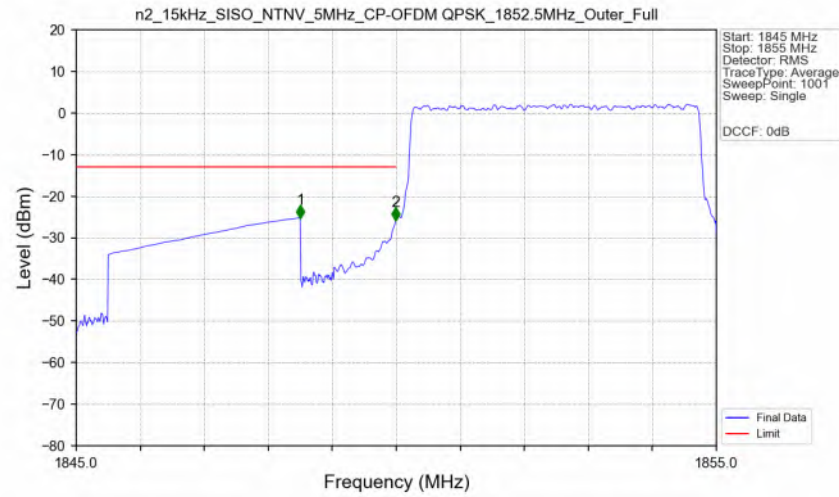


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 909.650    | -54.28      | -13         | Pass   |

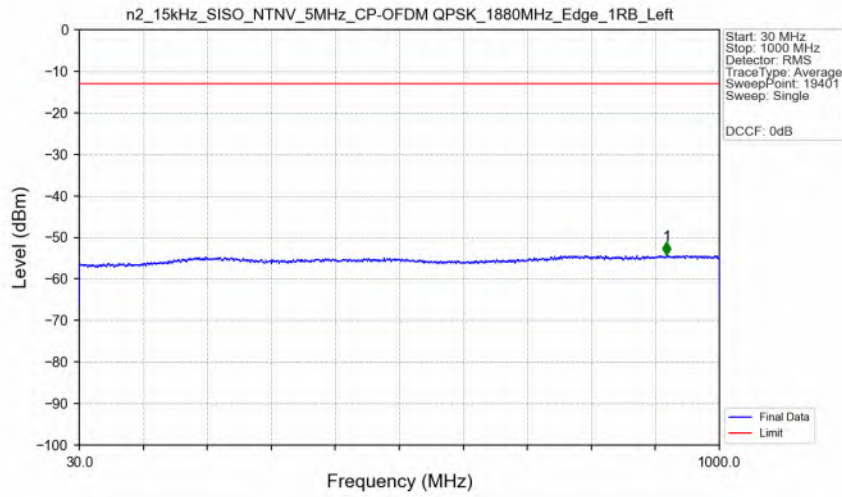
# n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1852.5MHz\_Edge\_1RB\_Left\_Ant2



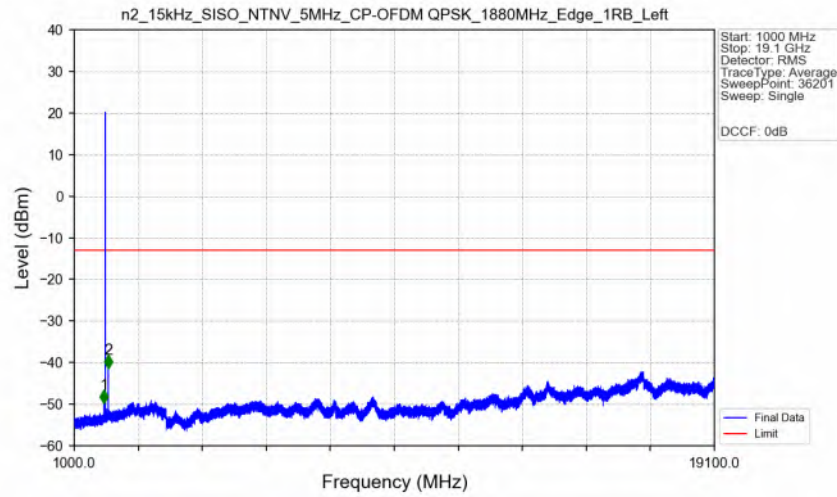
# n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1852.5MHz\_Outer\_Full\_Ant2



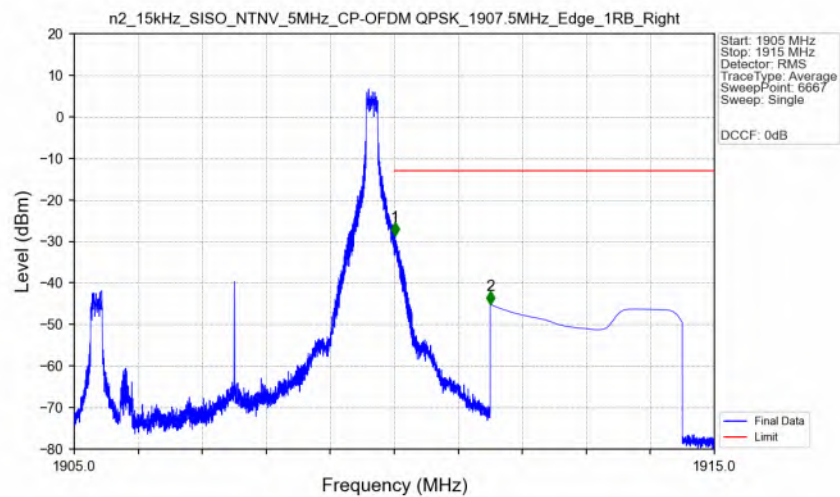
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2

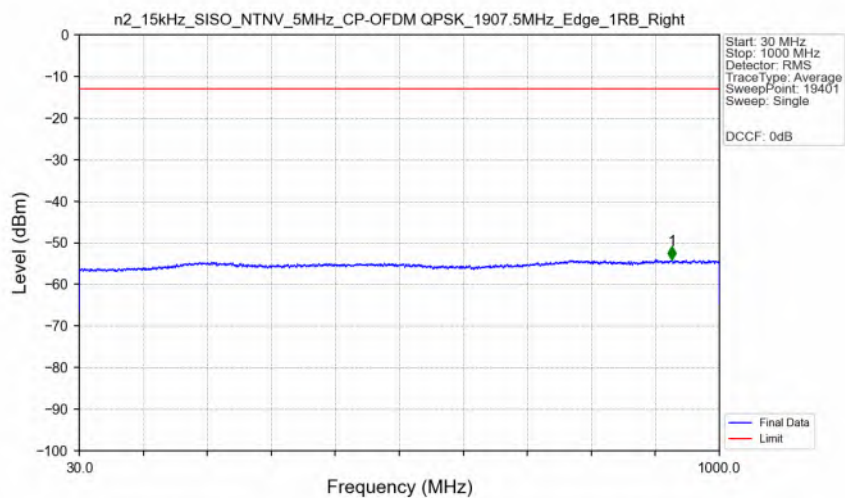


n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1907.5MHz\_Edge\_1RB\_Right\_Ant2



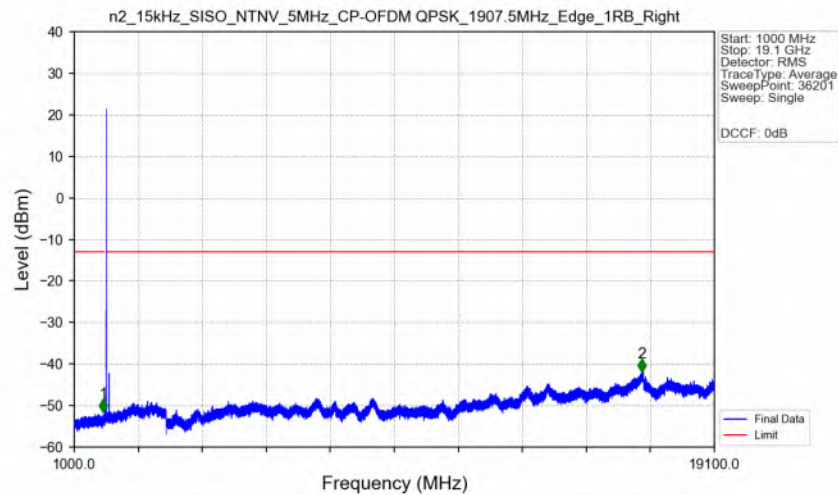
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.011   | -28.64      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -45.11      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1907.5MHz\_Edge\_1RB\_Right\_Ant2



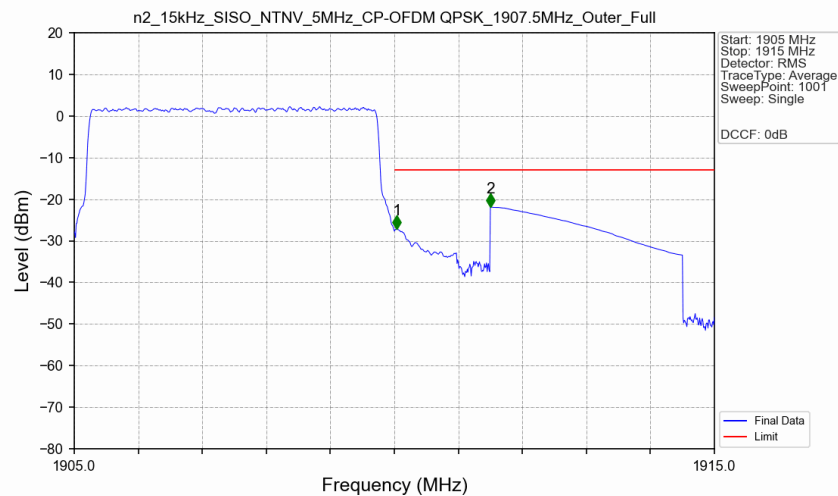
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 928.250    | -54.03      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1907.5MHz\_Edge\_1RB\_Right\_Ant2



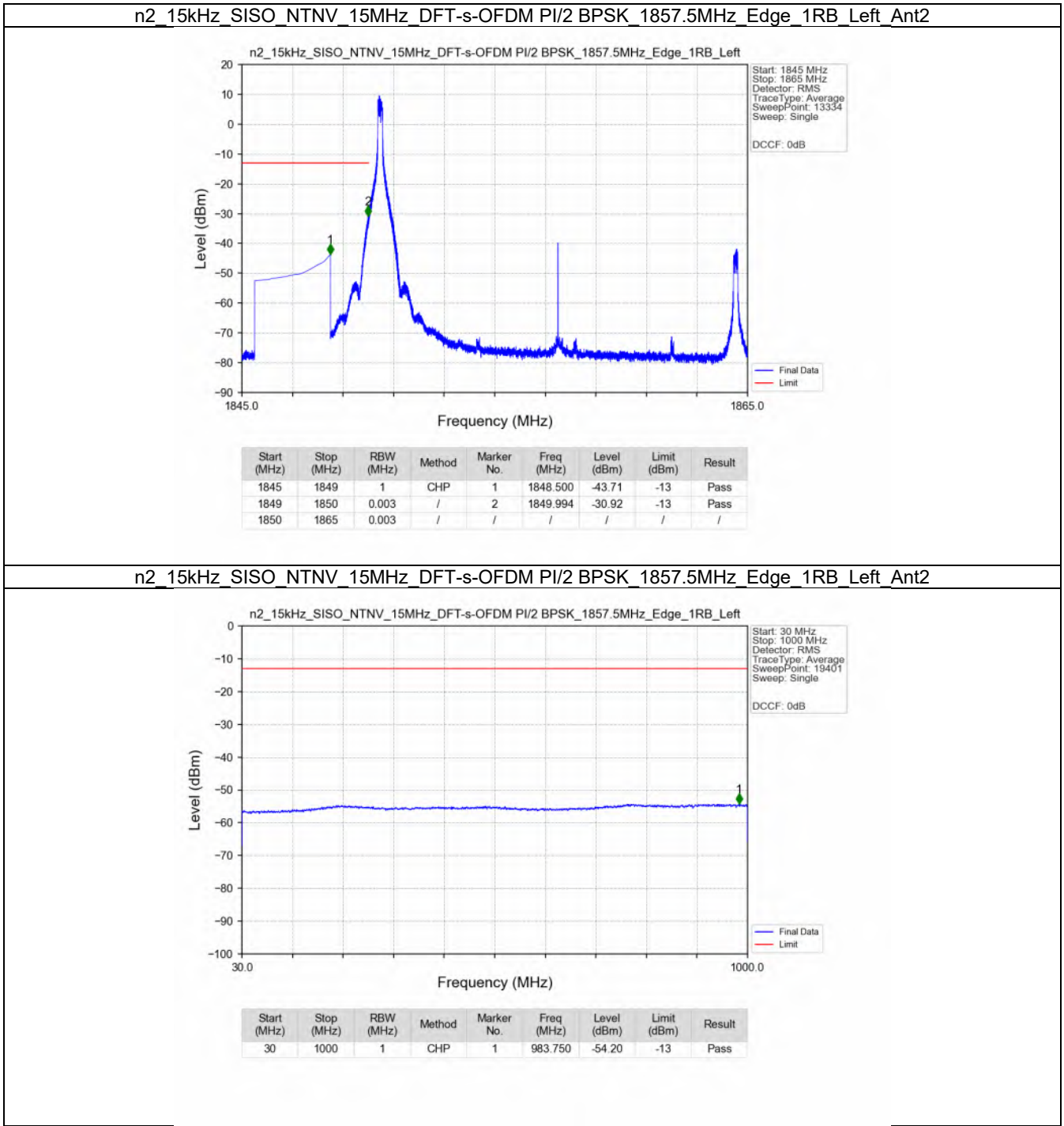
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1823.500   | -51.58      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17053.000  | -41.89      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_1907.5MHz\_Outer\_Full\_Ant2

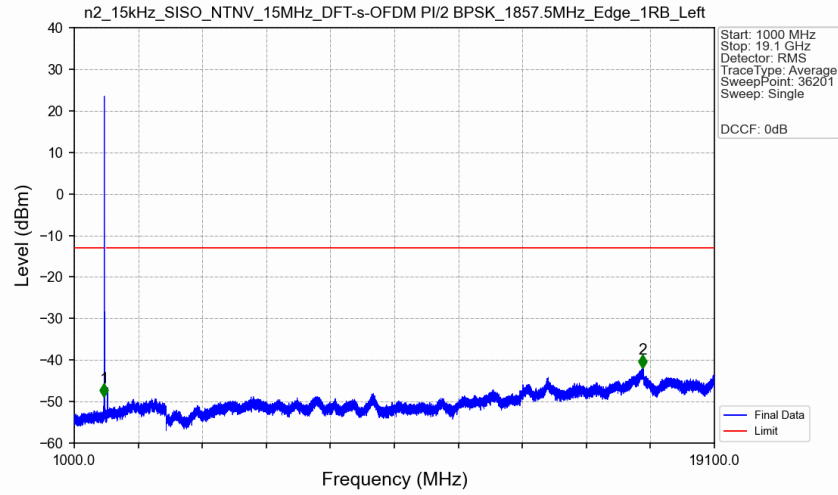


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.0517    | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.0517    | CHP    | 1          | 1910.040   | -27.06      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -21.89      | -13         | Pass   |

5.2.2 15\_S\_15M\_NTNV

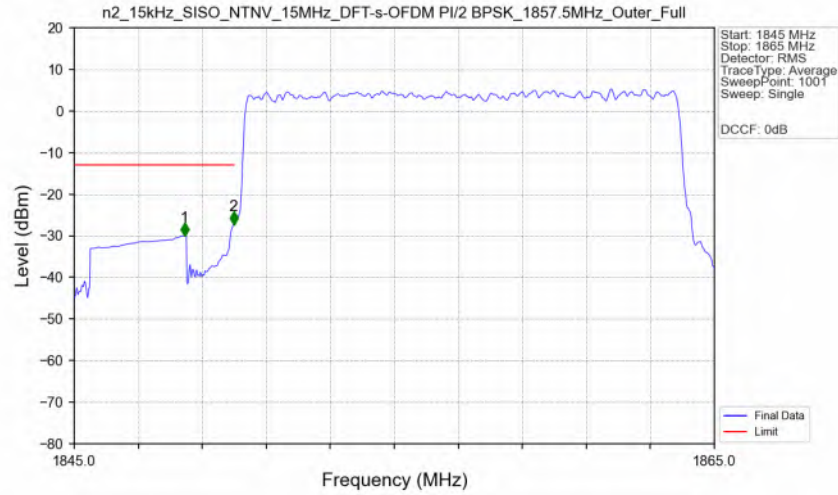


n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Edge 1RB Left Ant2



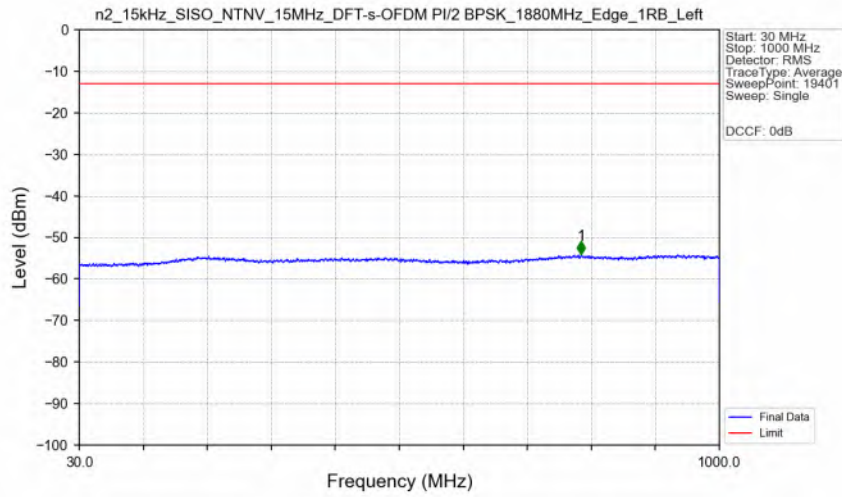
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1843.000   | -48.85      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17076.000  | -41.85      | -13         | Pass   |

n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Outer\_Full Ant2

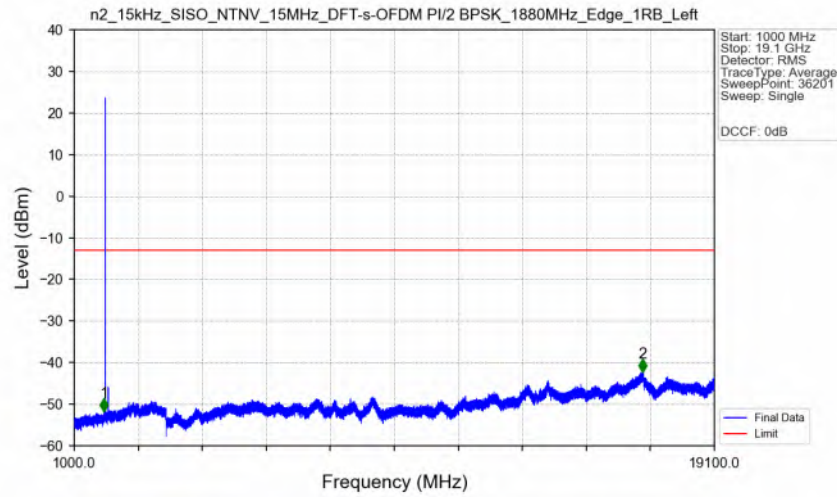


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.440   | -30.07      | -13         | Pass   |
| 1849        | 1850       | 0.14779   | CHP    | 2          | 1849.980   | -27.31      | -13         | Pass   |
| 1850        | 1865       | 0.14779   | CHP    | /          | /          | /           | /           | /      |

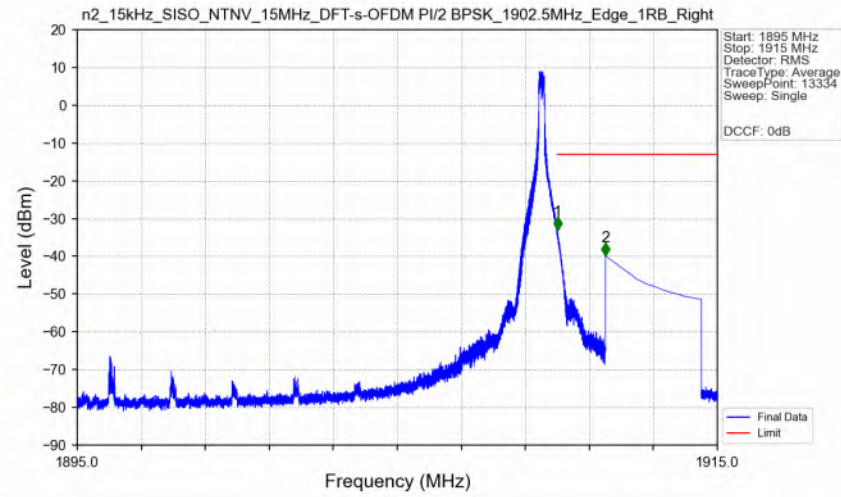
n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2

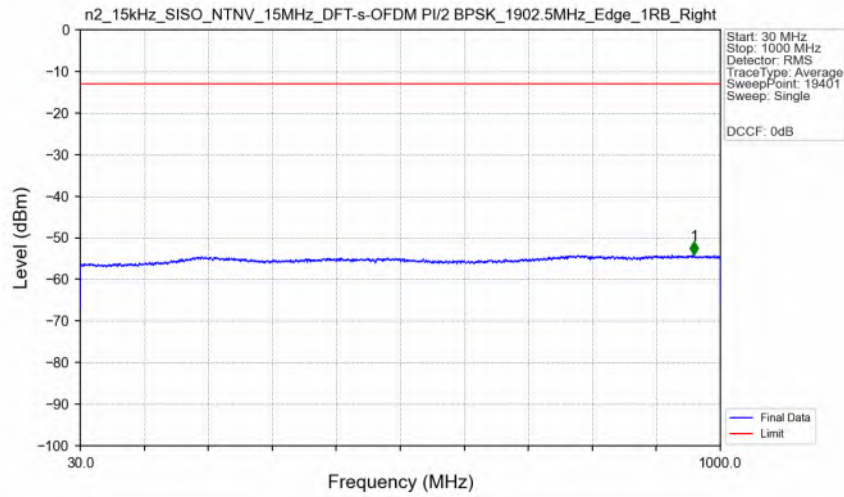


n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1902.5MHz\_Edge\_1RB\_Right\_Ant2



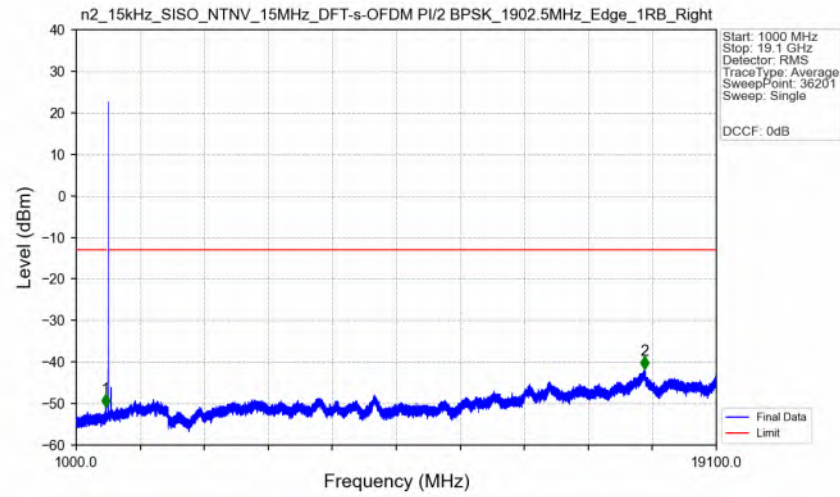
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.003   | -32.97      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -39.91      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1902.5MHz\_Edge\_1RB\_Right\_Ant2

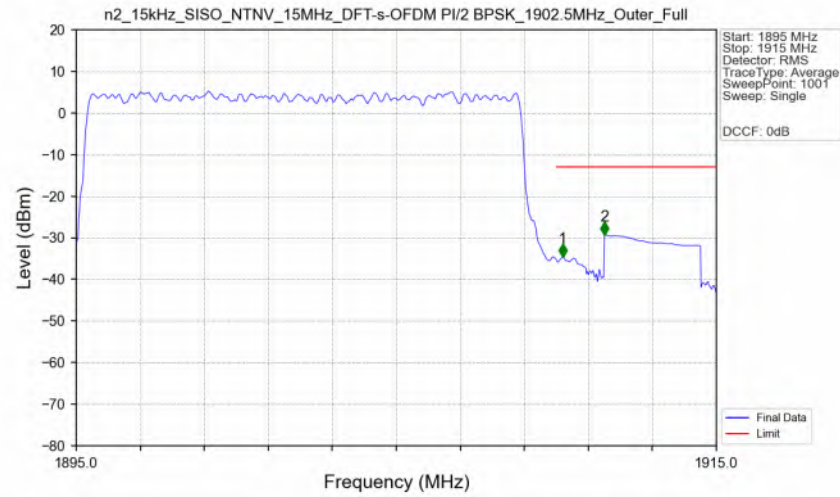


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 960.200    | -54.12      | -13         | Pass   |

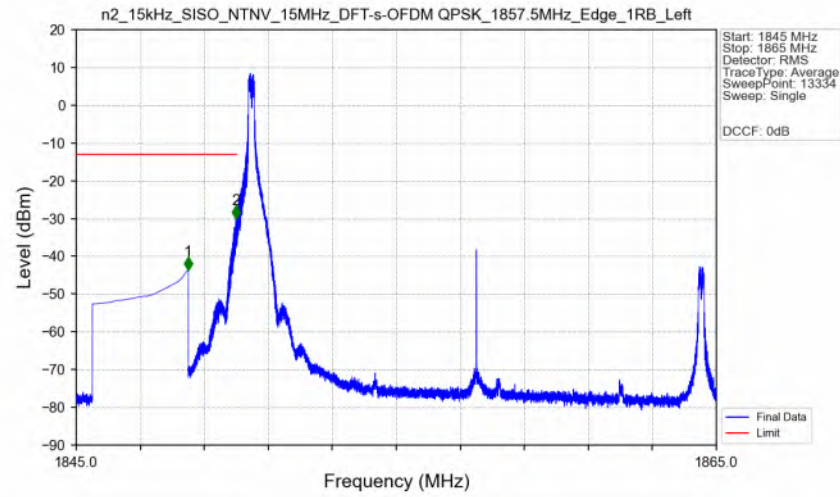
n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right Ant2



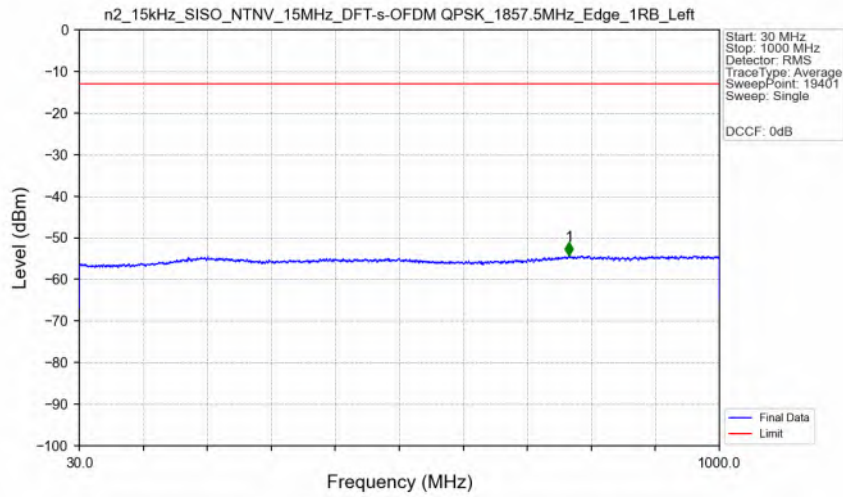
n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Outer\_Full Ant2



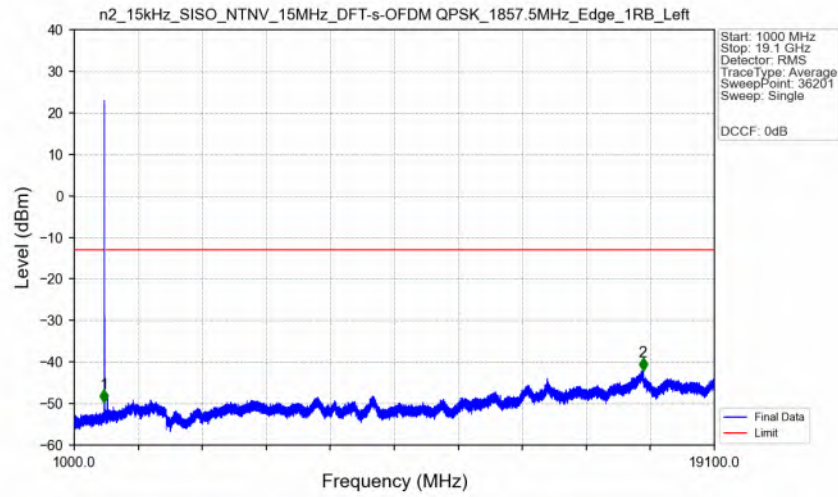
n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_1857.5MHz\_Edge\_1RB\_Left\_Ant2



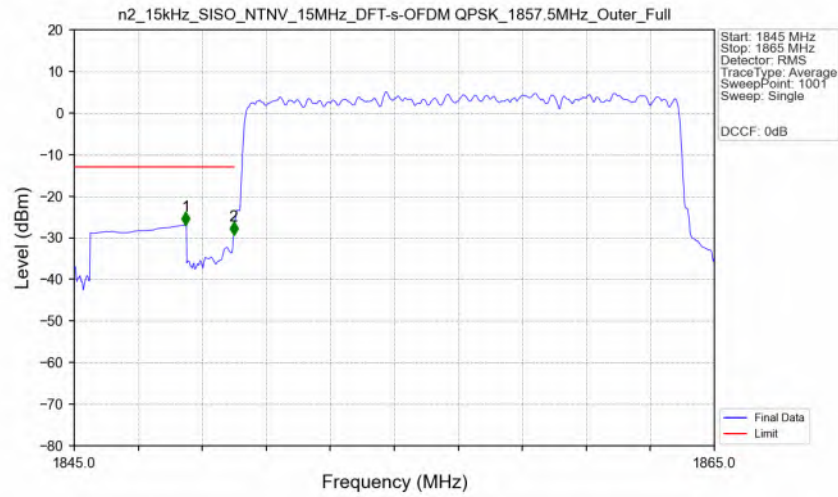
n2\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_1857.5MHz\_Edge\_1RB\_Left\_Ant2



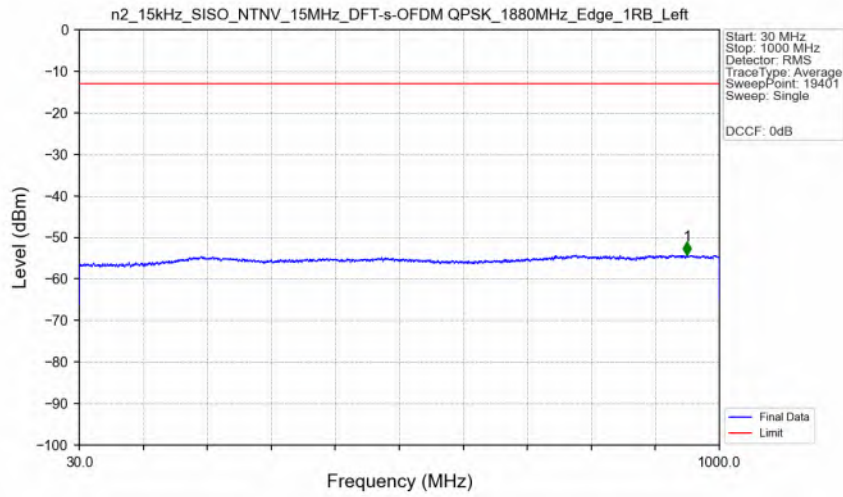
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left Ant2



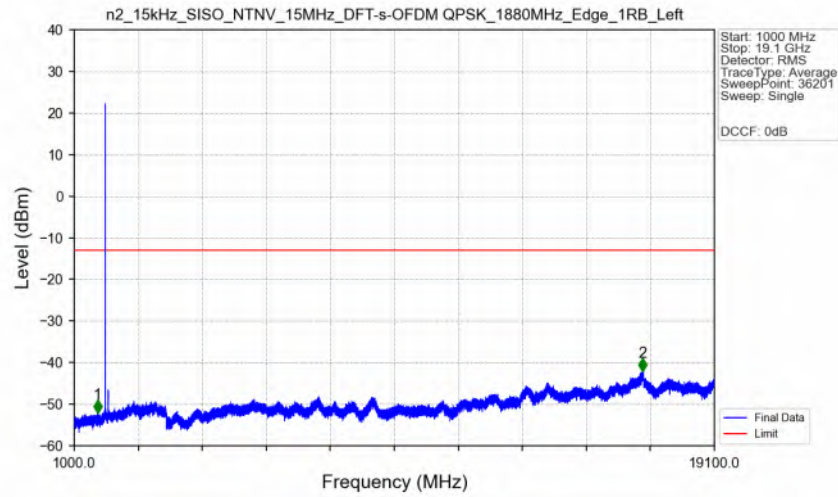
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Outer Full Ant2



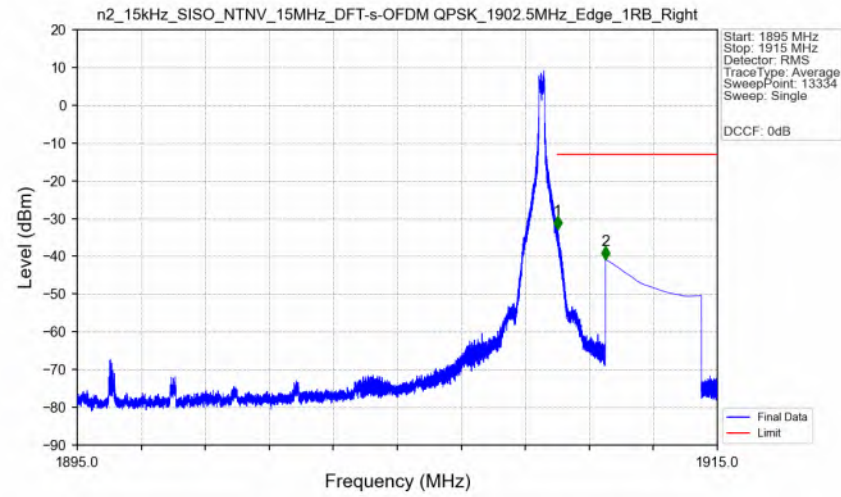
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant2



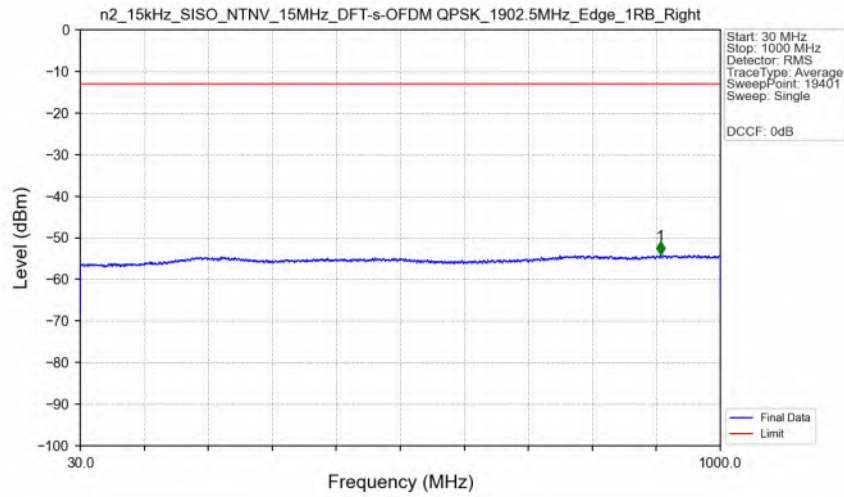
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant2



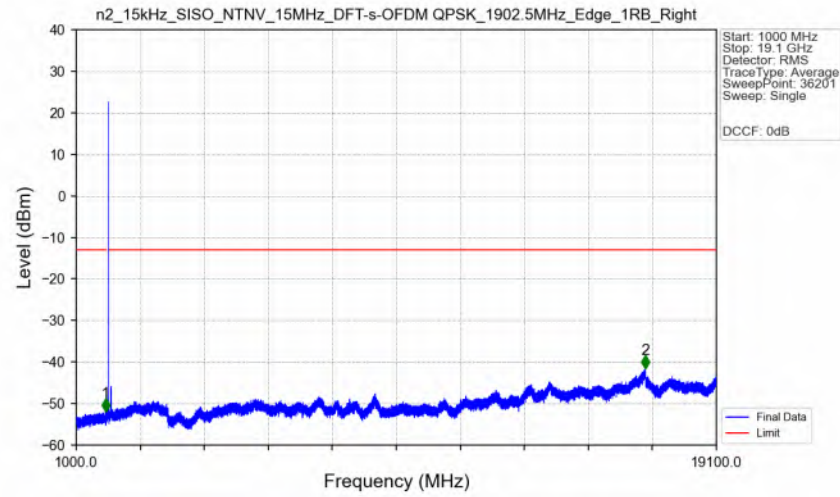
# n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right Ant2



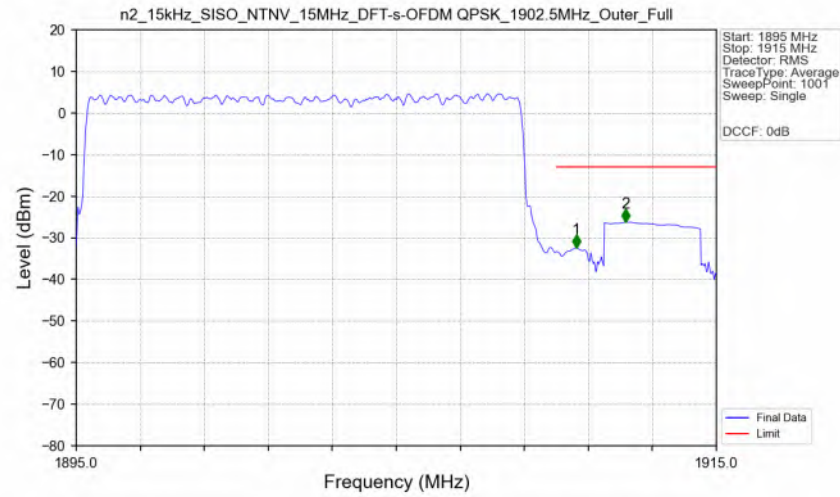
# n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right Ant2



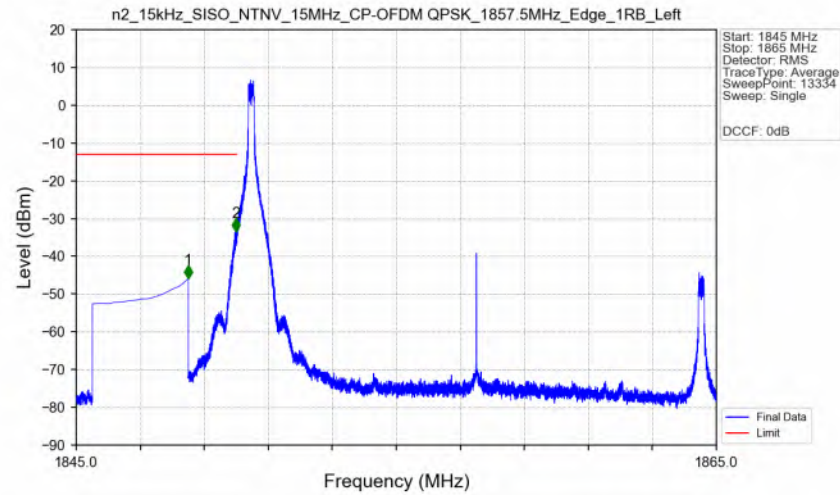
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right Ant2



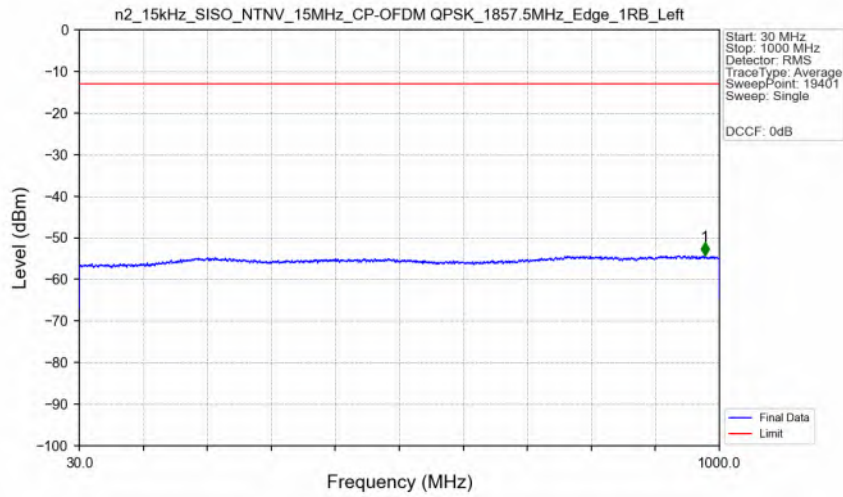
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Outer Full Ant2



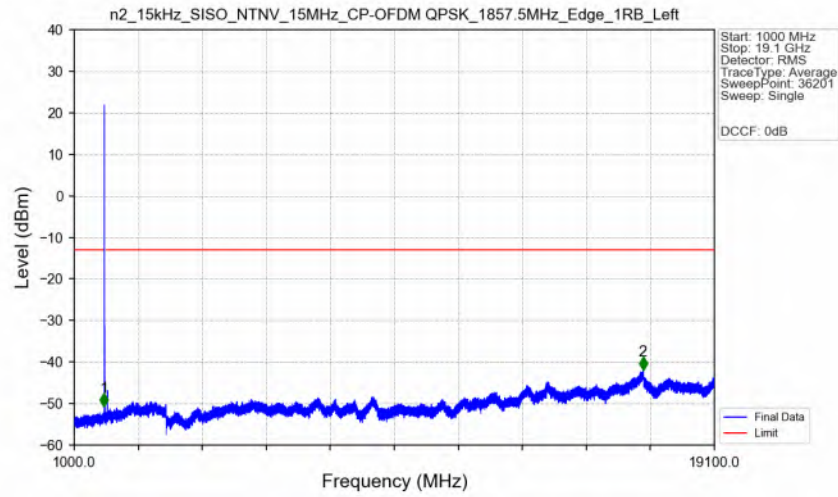
n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Edge 1RB Left Ant2

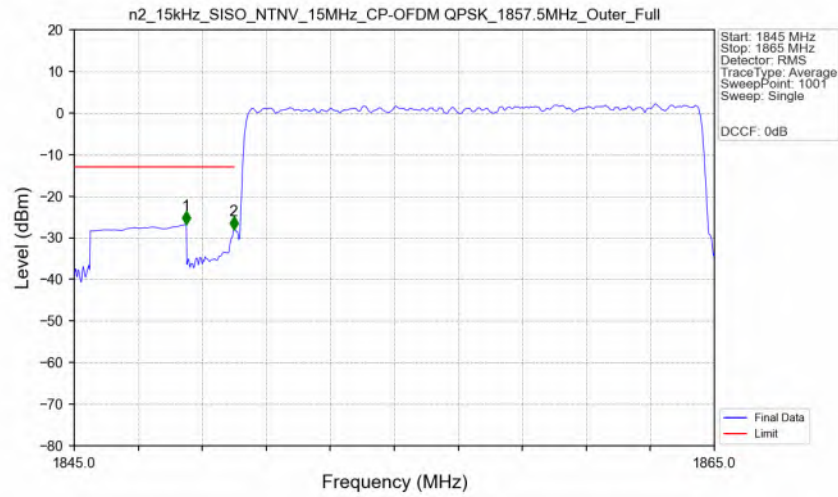


n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_1857.5MHz\_Edge\_1RB\_Left\_Ant2



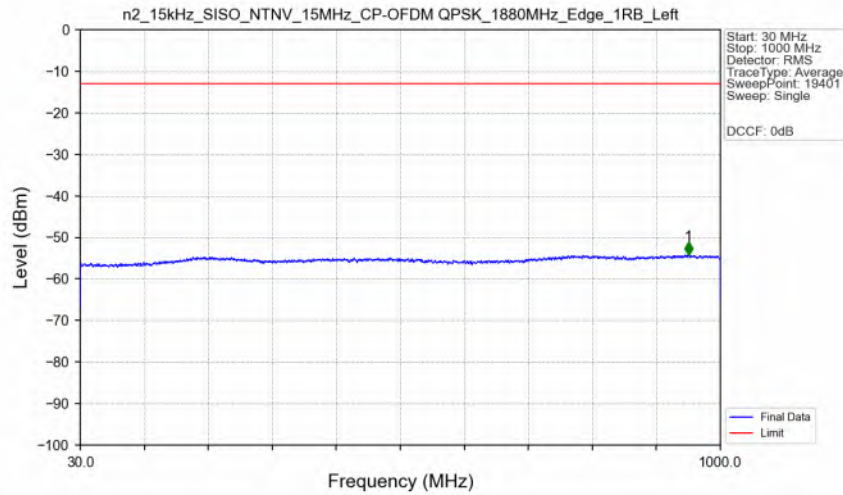
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1843.500   | -50.64      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17078.500  | -42.00      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_1857.5MHz\_Outer\_Full\_Ant2

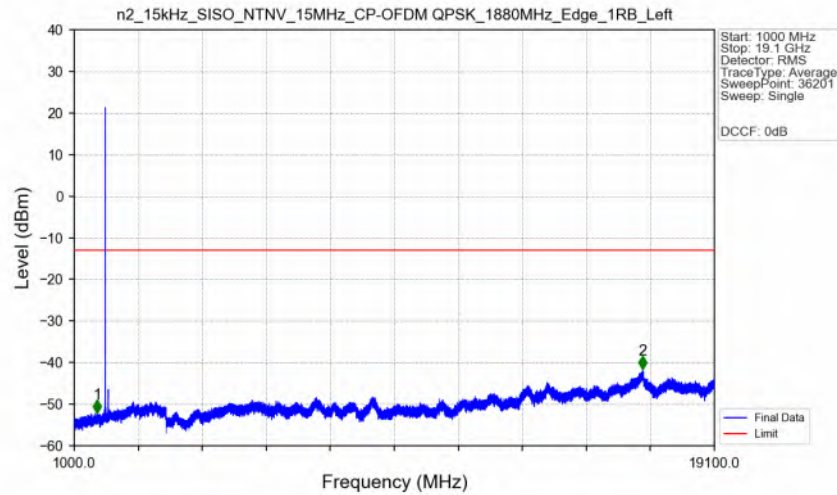


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -26.71      | -13         | Pass   |
| 1849        | 1850       | 0.14779   | CHP    | 2          | 1849.980   | -28.03      | -13         | Pass   |
| 1850        | 1865       | 0.14779   | CHP    | /          | /          | /           | /           | /      |

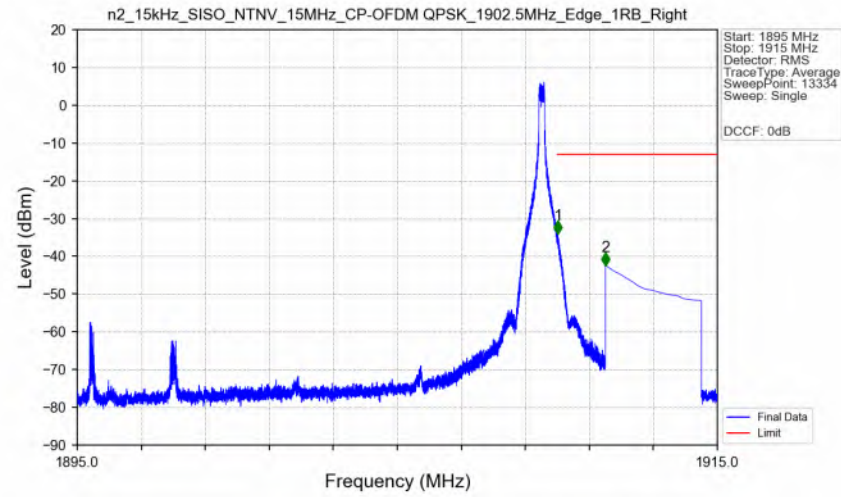
n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2

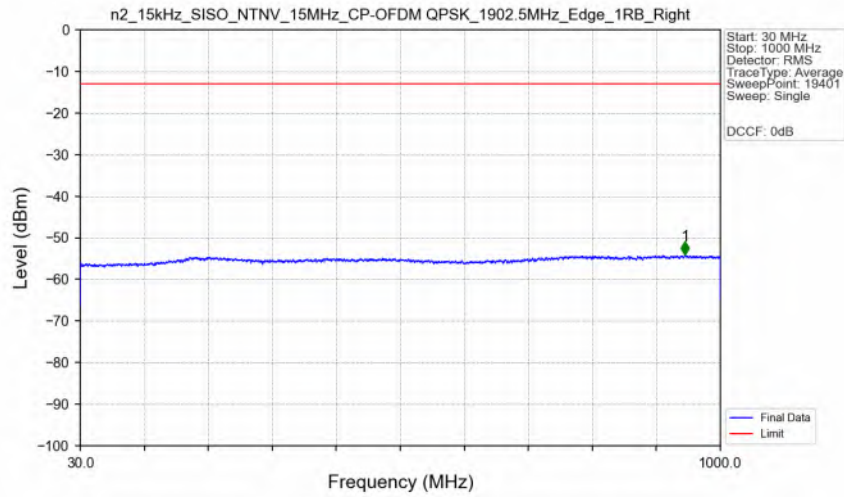


# n2 15kHz SISO NTV 15MHz CP-OFDM QPSK 1902.5MHz Edge 1RB Right Ant2



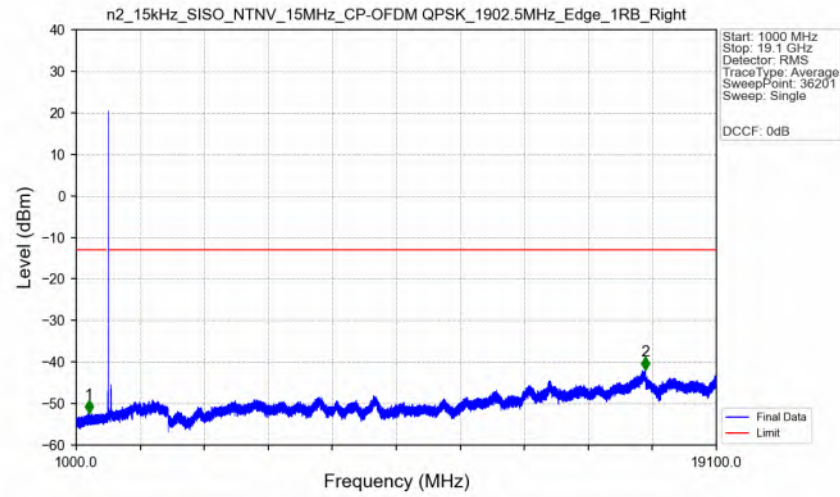
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.017   | -34.00      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -42.38      | -13         | Pass   |

# n2 15kHz SISO NTV 15MHz CP-OFDM QPSK 1902.5MHz Edge 1RB Right Ant2

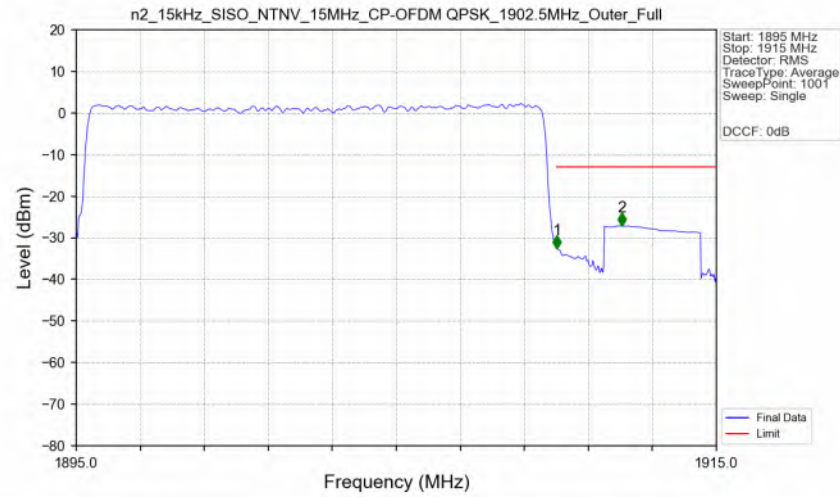


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 946.650    | -54.12      | -13         | Pass   |

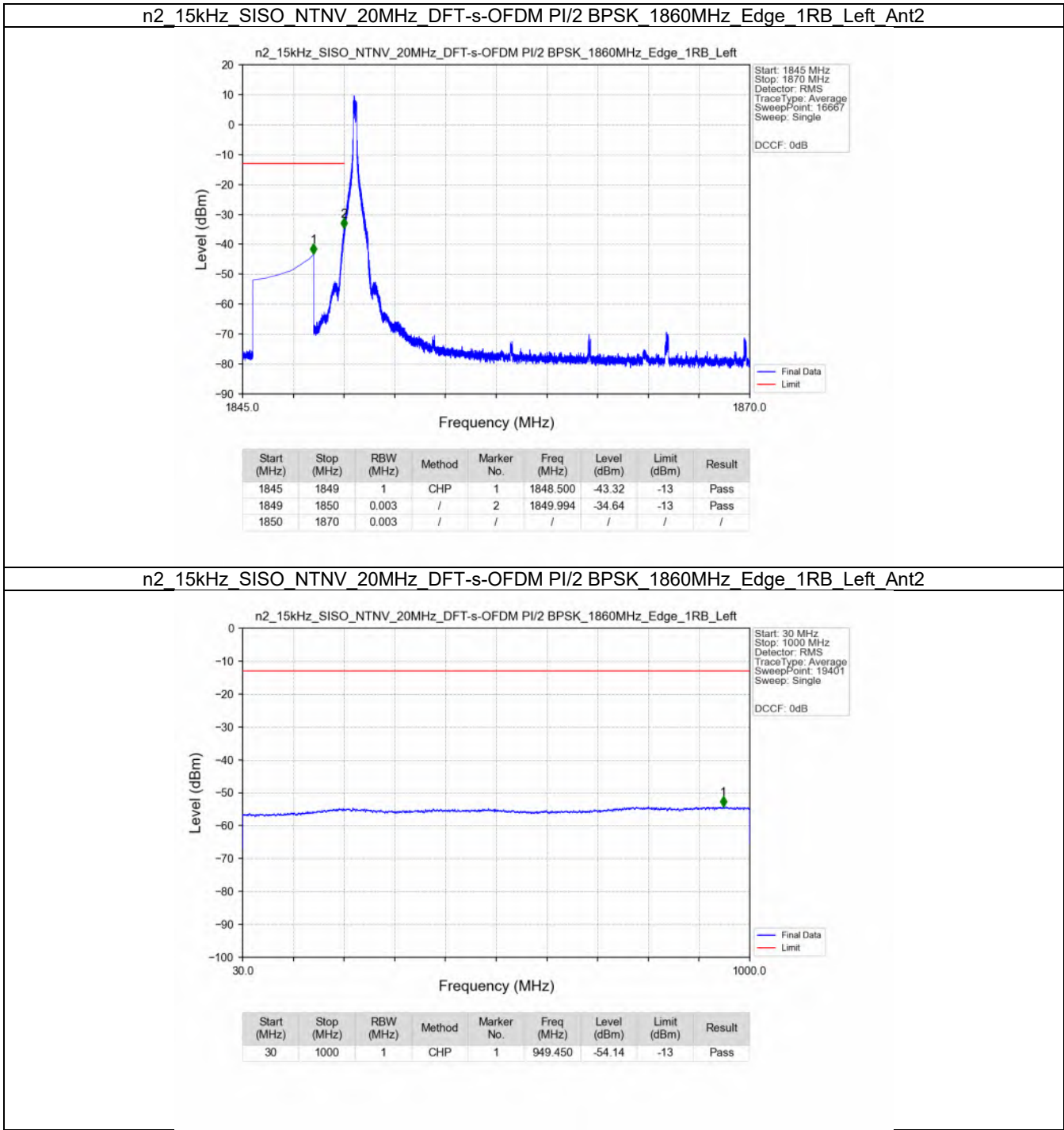
# n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_1902.5MHz\_Edge\_1RB\_Right\_Ant2



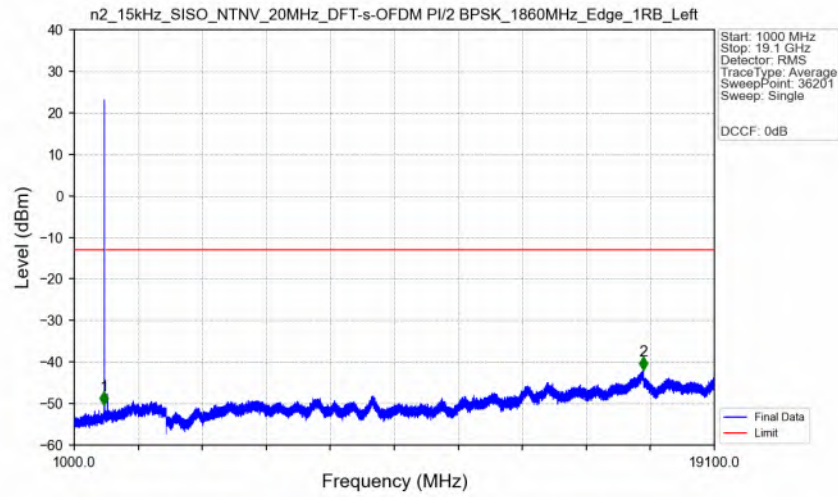
# n2\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_1902.5MHz\_Outer\_Full\_Ant2



5.2.3 15\_S\_20M\_NTNV

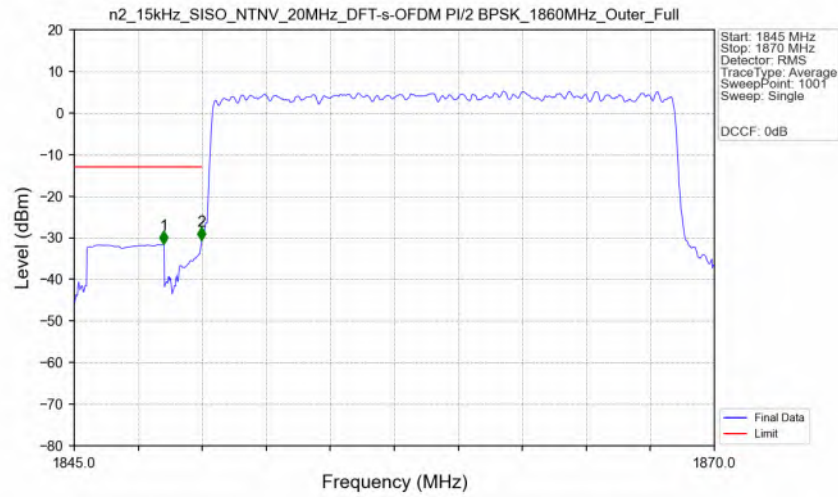


# n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1860MHz\_Edge\_1RB\_Left\_Ant2



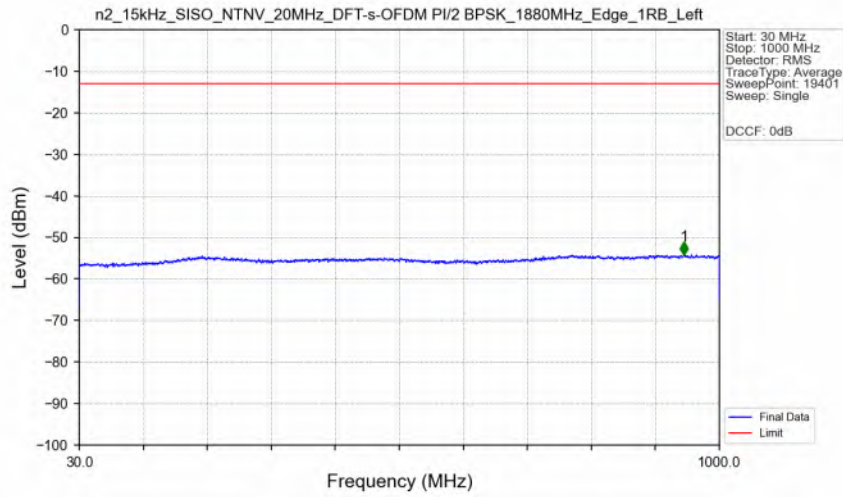
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1844.500   | -50.35      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17098.000  | -41.98      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1860MHz\_Outer\_Full\_Ant2



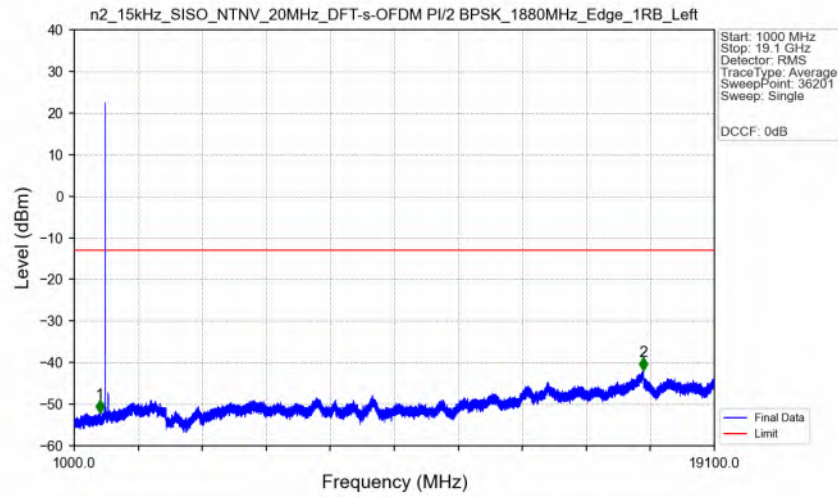
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -31.57      | -13         | Pass   |
| 1849        | 1850       | 0.19623   | CHP    | 2          | 1849.975   | -30.65      | -13         | Pass   |
| 1850        | 1870       | 0.19623   | CHP    | /          | /          | /           | /           | /      |

n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2



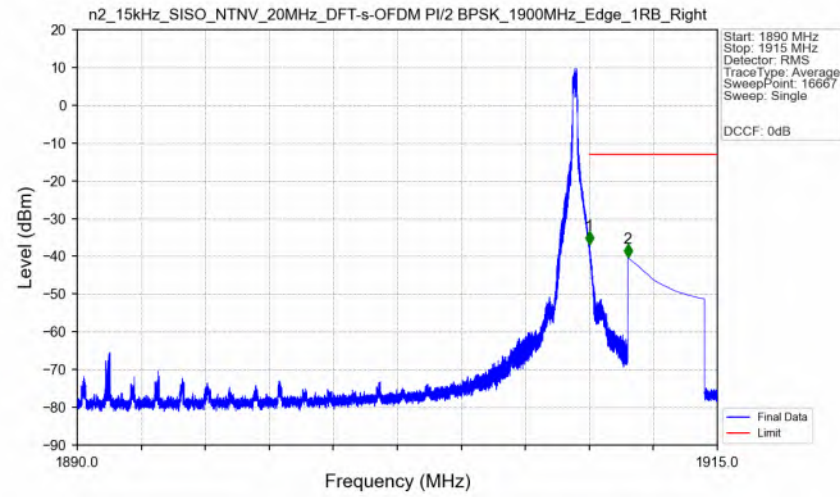
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 946.300    | -54.17      | -13         | Pass   |

n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1880MHz Edge 1RB Left Ant2



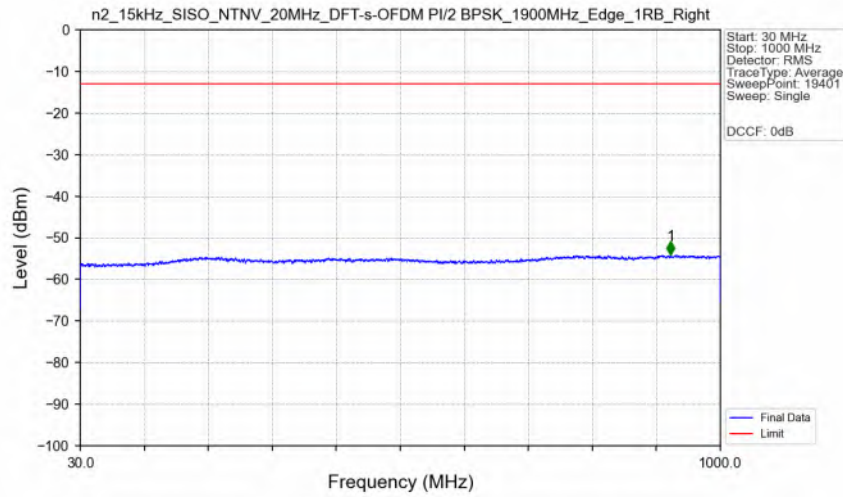
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1719.000   | -52.13      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17082.500  | -41.94      | -13         | Pass   |

n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1900MHz Edge 1RB Right Ant2



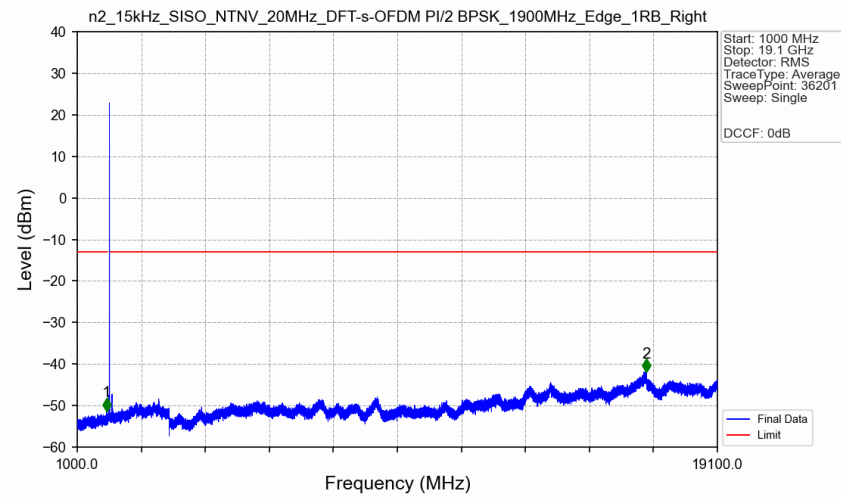
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -36.84      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -40.30      | -13         | Pass   |

n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1900MHz Edge 1RB Right Ant2



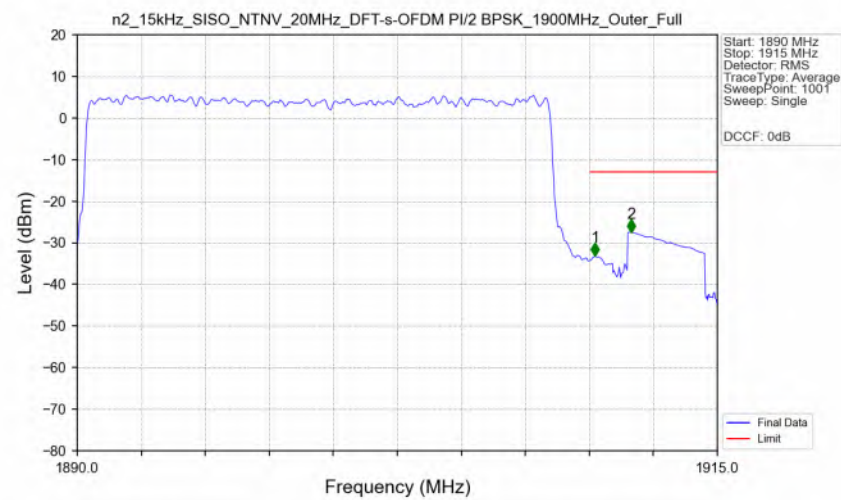
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 924.450    | -54.10      | -13         | Pass   |

# n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1900MHz Edge 1RB Right Ant2



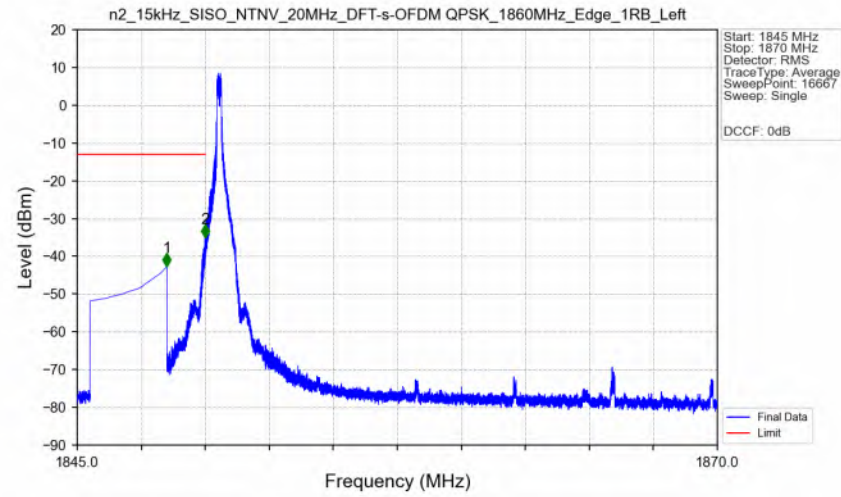
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1832.500   | -51.29      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17095.000  | -41.88      | -13         | Pass   |

# n2 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1900MHz Outer Full Ant2

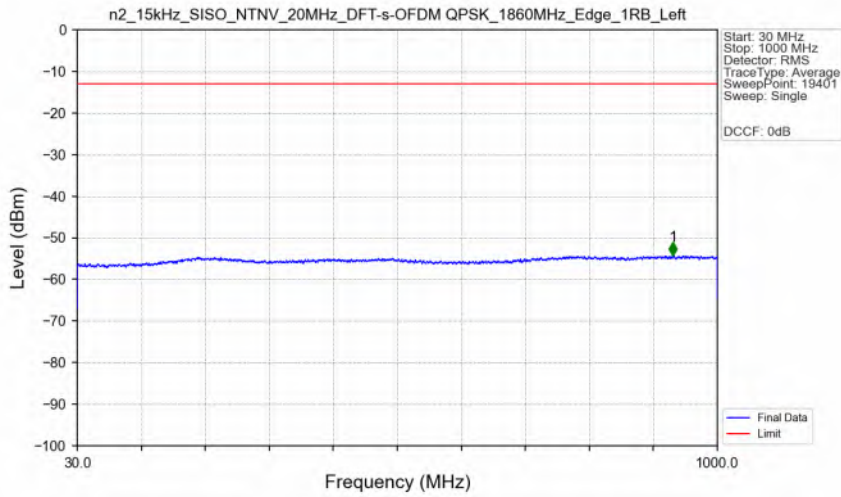


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.19623   | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.19623   | CHP    | 1          | 1910.225   | -33.20      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.625   | -27.47      | -13         | Pass   |

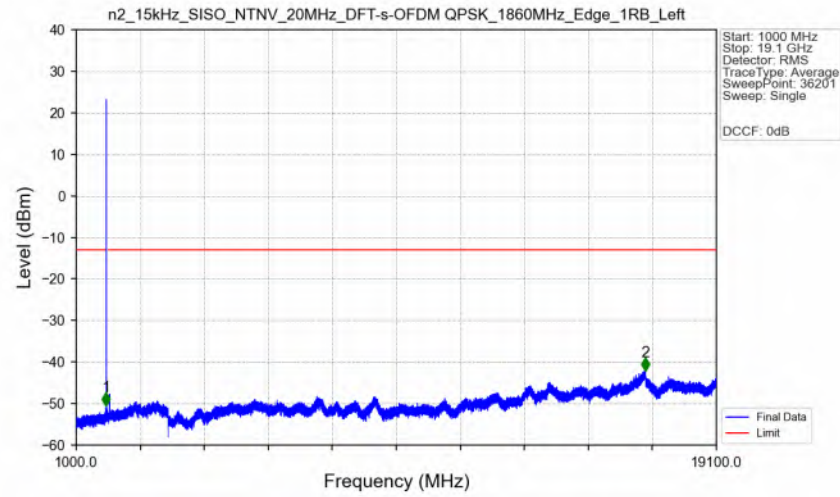
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant2



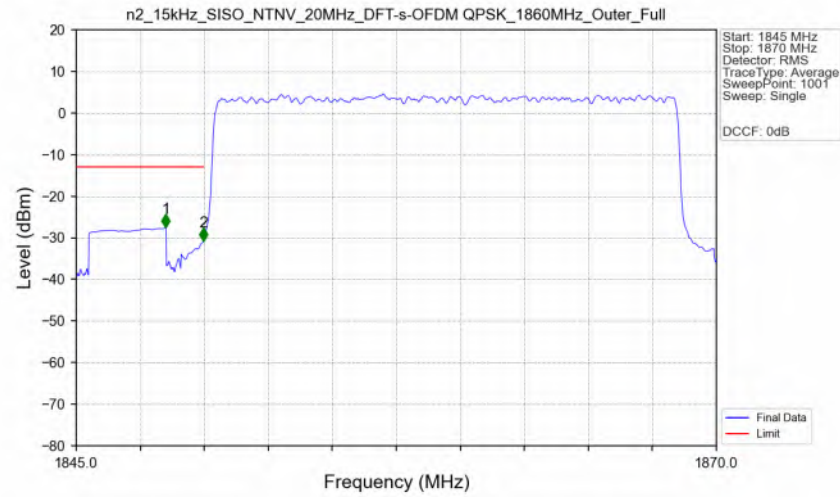
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant2



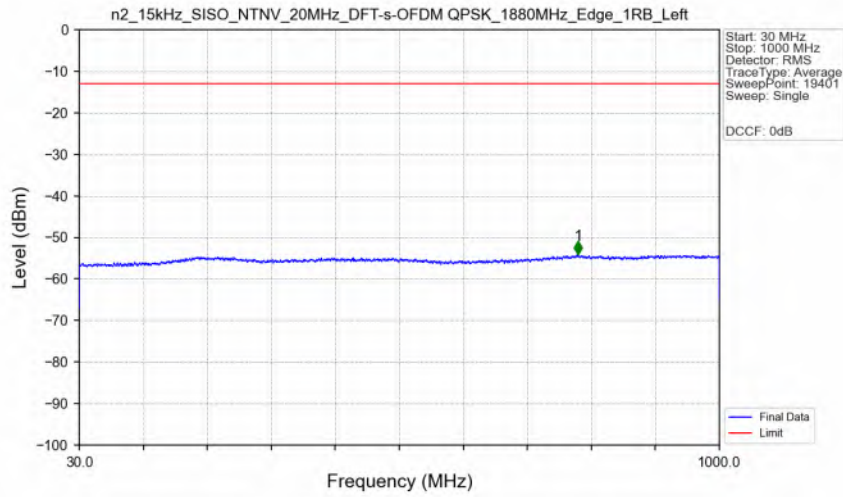
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant2



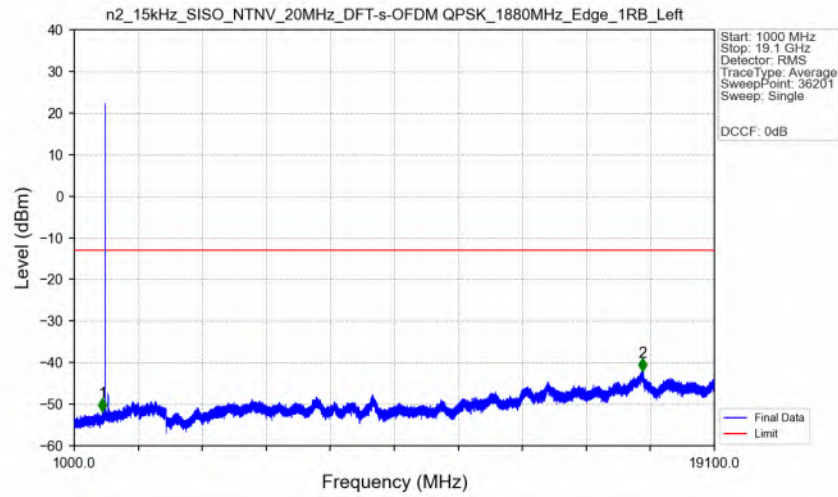
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Outer\_Full Ant2



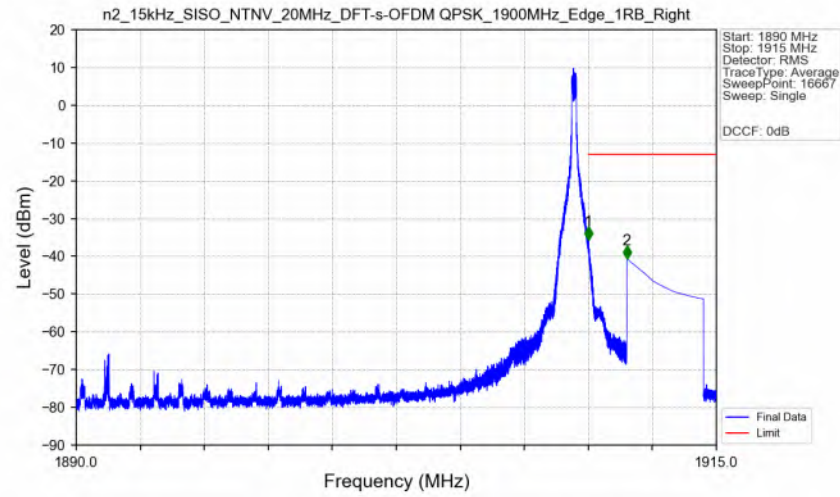
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant2

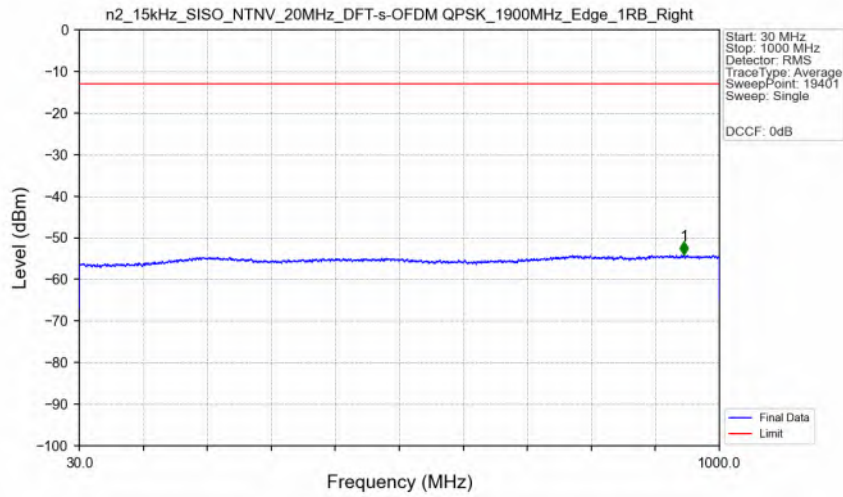


n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_1900MHz\_Edge\_1RB\_Right\_Ant2



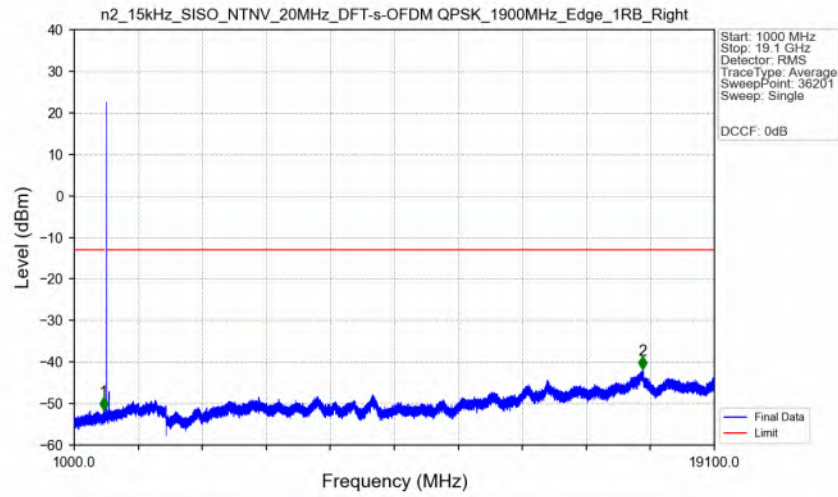
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.005   | -35.66      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -40.58      | -13         | Pass   |

n2\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_1900MHz\_Edge\_1RB\_Right\_Ant2

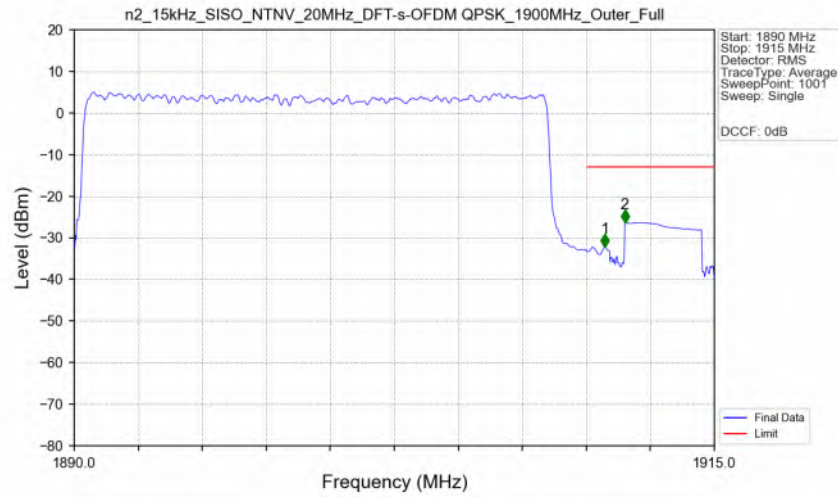


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 946.550    | -54.02      | -13         | Pass   |

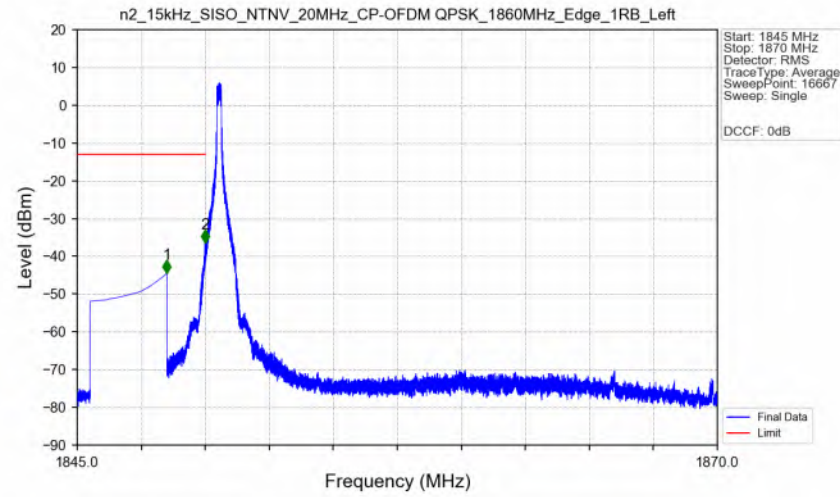
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1900MHz Edge 1RB Right Ant2



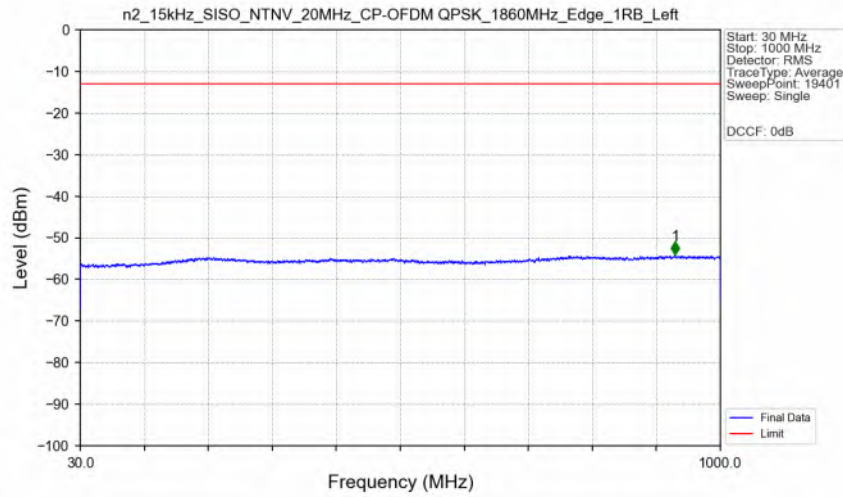
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1900MHz Outer\_Full Ant2



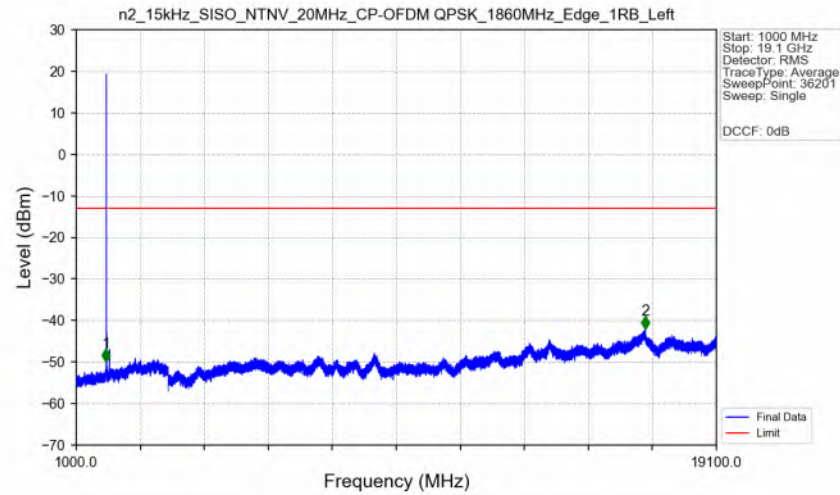
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant2



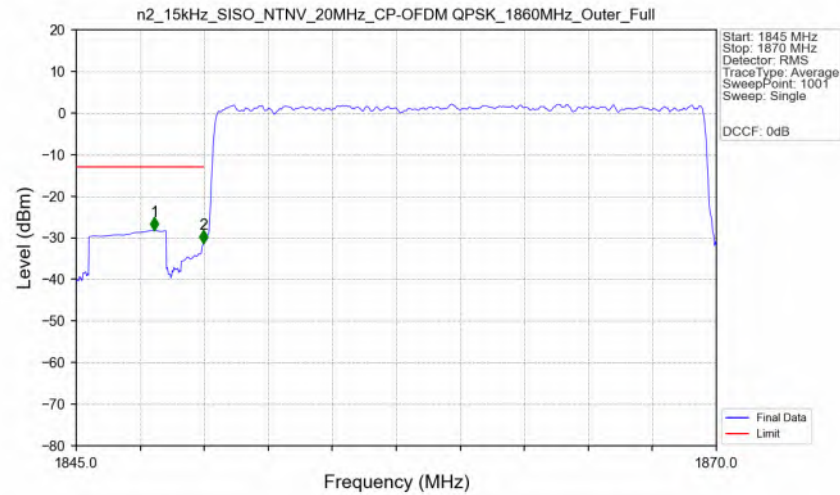
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant2



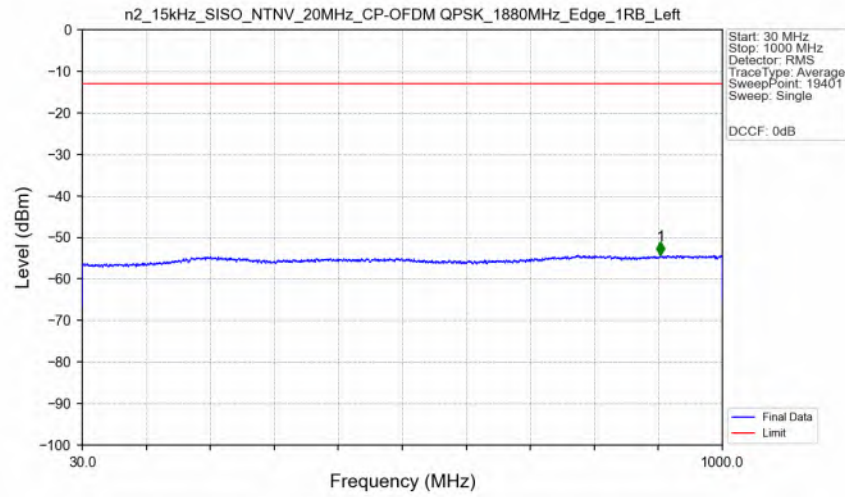
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant2



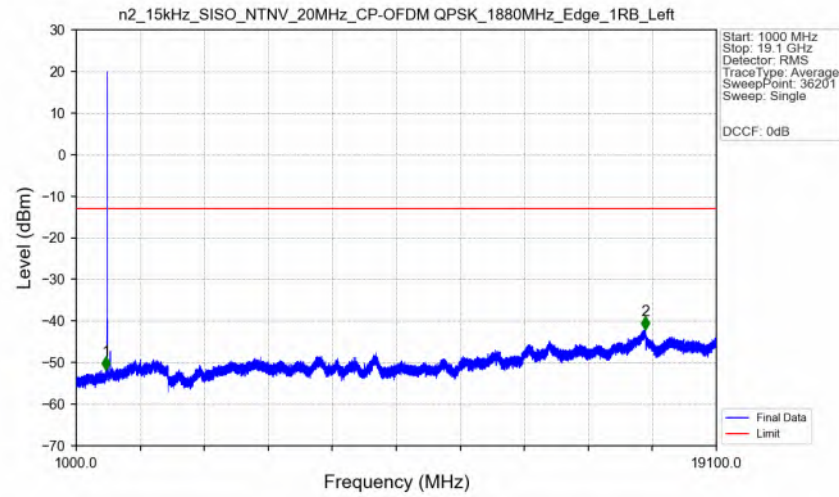
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Outer\_Full\_Ant2



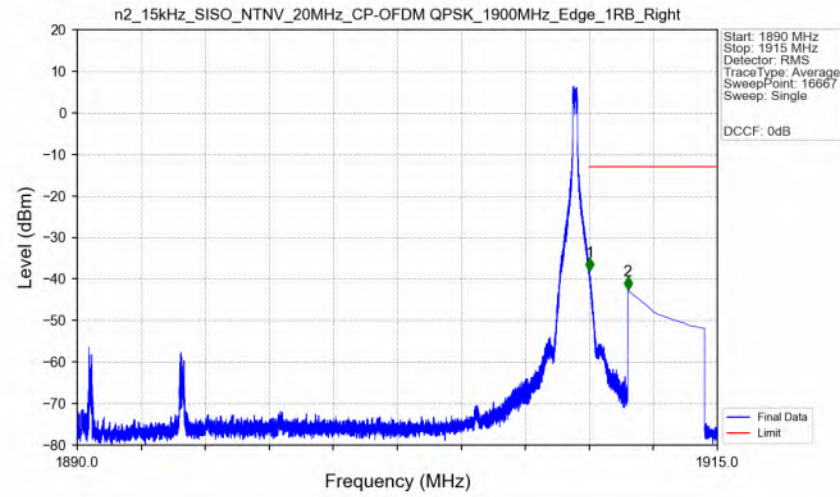
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2



n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant2

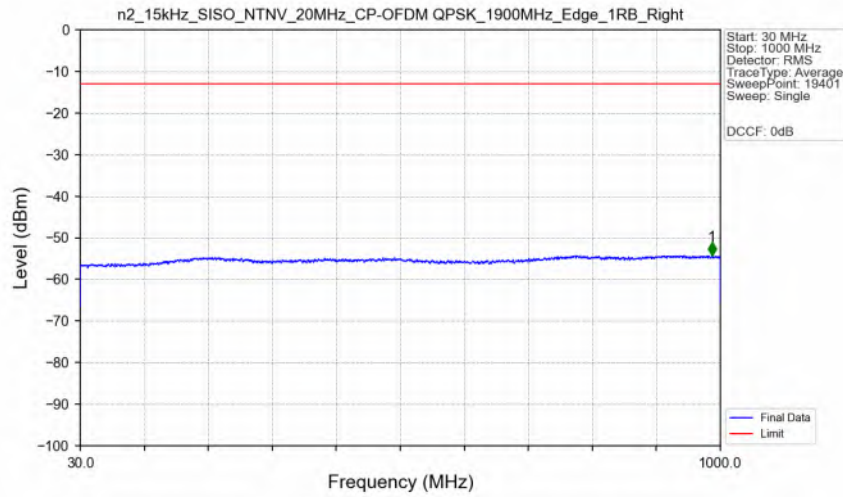


# n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_1900MHz\_Edge\_1RB\_Right\_Ant2



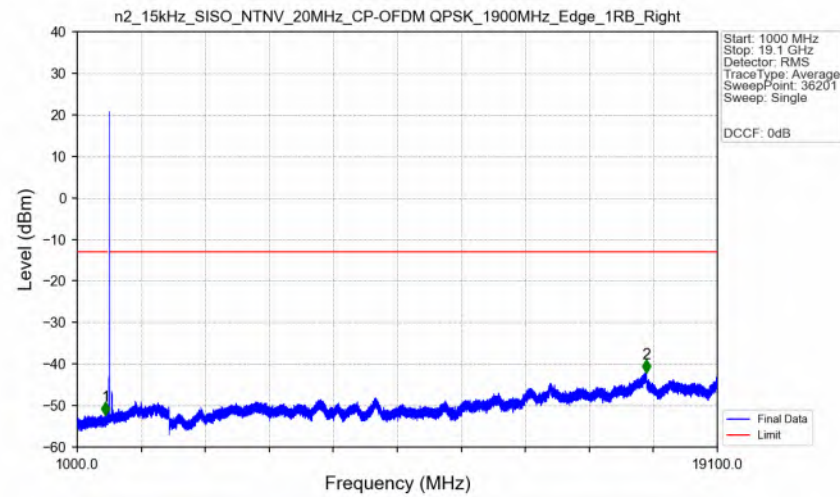
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.011   | -37.99      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -42.61      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_1900MHz\_Edge\_1RB\_Right\_Ant2



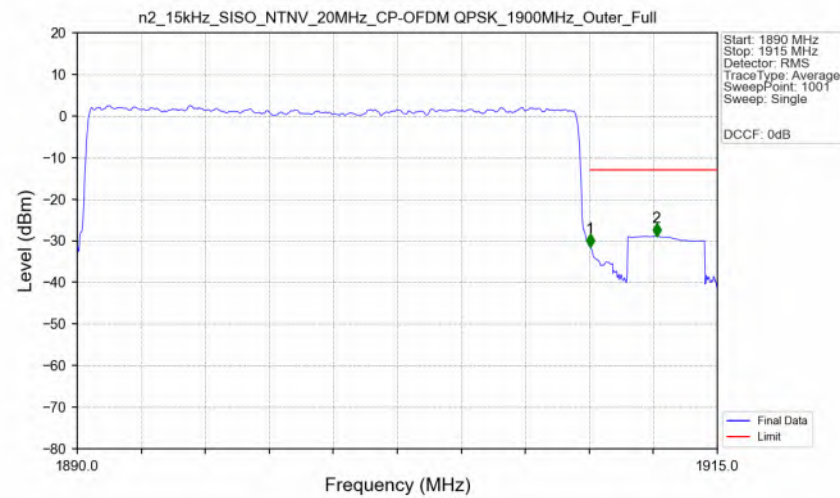
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 987.150    | -54.14      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_1900MHz\_Edge\_1RB\_Right\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1849       | 1         | /      | 1          | 1801.500   | -52.22      | -13         | Pass   |
| 1849        | 1915       | 1         | /      | /          | /          | /           | /           | /      |
| 1915        | 19100      | 1         | /      | 2          | 17093.000  | -42.10      | -13         | Pass   |

# n2\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_1900MHz\_Outer\_Full\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.19623   | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.19623   | CHP    | 1          | 1910.025   | -31.49      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1912.625   | -28.88      | -13         | Pass   |