

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30k\_SISO\_10MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 10MHz NTNV |                 |                 |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3705            | Edge 1RB Left   | 22.83                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.89                | /    | /   | 24.89     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 22.35                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.43                | /    | /   | 25.43     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 23.30                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.32                | /    | /   | 25.32     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge 1RB Left   | 22.71                | /    | /   | 24.71     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.55                | /    | /   | 24.55     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 22.74                | /    | /   | 24.74     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.18                | /    | /   | 25.18     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 23.16                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.07                | /    | /   | 25.07     | /    | /   | <=30  | Pass    |
|                                      | 3795            | Edge 1RB Left   | 22.43                | /    | /   | 24.43     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.51                | /    | /   | 24.51     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 22.56                | /    | /   | 24.56     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 22.94                | /    | /   | 24.94     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.03                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                      | 3705            | Edge 1RB Left   | 22.28                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.38                | /    | /   | 24.38     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 22.39                | /    | /   | 24.39     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.44                | /    | /   | 25.44     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 23.17                | /    | /   | 25.17     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.34                | /    | /   | 25.34     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge 1RB Left   | 22.25                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.04                | /    | /   | 24.04     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.23                | /    | /   | 25.23     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 23.20                | /    | /   | 25.20     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                      | 3795            | Edge 1RB Left   | 21.95                | /    | /   | 23.95     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 22.08                | /    | /   | 24.08     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 21.97                | /    | /   | 23.97     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 23.03                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 22.96                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 23.07                | /    | /   | 25.07     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                    | 3705            | Edge 1RB Left   | 21.44                | /    | /   | 23.44     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 21.51                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 21.40                | /    | /   | 23.40     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 22.36                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 22.35                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 22.40                | /    | /   | 24.40     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge 1RB Left   | 21.23                | /    | /   | 23.23     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 21.09                | /    | /   | 23.09     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 21.19                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 22.14                | /    | /   | 24.14     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 22.25                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 22.13                | /    | /   | 24.13     | /    | /   | <=30  | Pass    |
|                                      | 3795            | Edge 1RB Left   | 21.05                | /    | /   | 23.05     | /    | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Edge_1RB_Right  | 21.16 | / | / | 23.16 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.16 | / | / | 23.16 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.11 | / | / | 24.11 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.03 | / | / | 24.03 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3705 | Edge_1RB_Left   | 20.76 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.94 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.00 | / | / | 23.00 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.97 | / | / | 22.97 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.90 | / | / | 22.90 | / | / | <=30 | Pass |
|                    | 3750 | Inner_1RB_Right | 20.85 | / | / | 22.85 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 20.71 | / | / | 22.71 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.58 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.82 | / | / | 22.82 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    | 3795 | Inner_1RB_Left  | 20.71 | / | / | 22.71 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.58 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 20.42 | / | / | 22.42 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3705 | Inner_Full      | 20.64 | / | / | 22.64 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.47 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.66 | / | / | 20.66 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.81 | / | / | 20.81 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 19.05 | / | / | 21.05 | / | / | <=30 | Pass |
|                    | 3795 | Inner_1RB_Left  | 18.60 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.64 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.36 | / | / | 20.36 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.68 | / | / | 20.68 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3705 | Inner_Full      | 18.81 | / | / | 20.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.39 | / | / | 20.39 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 18.30 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.53 | / | / | 20.53 | / | / | <=30 | Pass |
|                    | 3795 | Inner_Full      | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.31 | / | / | 20.31 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.40 | / | / | 20.40 | / | / | <=30 | Pass |
|                    | 3705 | Edge_1RB_Left   | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.39 | / | / | 22.39 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.39 | / | / | 22.39 | / | / | <=30 | Pass |
|                    | 3750 | Inner_Full      | 21.71 | / | / | 23.71 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.81 | / | / | 23.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.90 | / | / | 23.90 | / | / | <=30 | Pass |
|                    | 3795 | Edge_1RB_Left   | 20.16 | / | / | 22.16 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.17 | / | / | 22.17 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.14 | / | / | 22.14 | / | / | <=30 | Pass |
|                    | 3705 | Inner_Full      | 21.52 | / | / | 23.52 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.81 | / | / | 23.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 19.83 | / | / | 21.83 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.00 | / | / | 22.00 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.12 | / | / | 22.12 | / | / | <=30 | Pass |
|                    | 3795 | Inner_Full      | 21.37 | / | / | 23.37 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.48 | / | / | 23.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.54 | / | / | 23.54 | / | / | <=30 | Pass |

|                                                                                  |      |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 16 QAM                                                                   | 3705 | Edge_1RB_Left   | 20.43 | / | / | 22.43 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 20.53 | / | / | 22.53 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 20.33 | / | / | 22.33 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 21.29 | / | / | 23.29 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 21.43 | / | / | 23.43 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
|                                                                                  | 3750 | Edge_1RB_Left   | 20.33 | / | / | 22.33 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 20.21 | / | / | 22.21 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 21.33 | / | / | 23.33 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                                                                                  | 3795 | Edge_1RB_Left   | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.97 | / | / | 21.97 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 21.05 | / | / | 23.05 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 21.17 | / | / | 23.17 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 21.19 | / | / | 23.19 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM                                                                   | 3705 | Edge_1RB_Left   | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.84 | / | / | 21.84 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.83 | / | / | 21.83 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.97 | / | / | 21.97 | / | / | <=30 | Pass |
|                                                                                  | 3750 | Edge_1RB_Left   | 19.75 | / | / | 21.75 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.58 | / | / | 21.58 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.64 | / | / | 21.64 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 19.77 | / | / | 21.77 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.73 | / | / | 21.73 | / | / | <=30 | Pass |
|                                                                                  | 3795 | Edge_1RB_Left   | 19.58 | / | / | 21.58 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.65 | / | / | 21.65 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.55 | / | / | 21.55 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.55 | / | / | 21.55 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 19.63 | / | / | 21.63 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.70 | / | / | 21.70 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3705 | Edge_1RB_Left   | 16.69 | / | / | 18.69 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 16.74 | / | / | 18.74 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 16.80 | / | / | 18.80 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 16.89 | / | / | 18.89 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 16.68 | / | / | 18.68 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 16.78 | / | / | 18.78 | / | / | <=30 | Pass |
|                                                                                  | 3750 | Edge_1RB_Left   | 16.55 | / | / | 18.55 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 16.44 | / | / | 18.44 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 16.56 | / | / | 18.56 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 16.76 | / | / | 18.76 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 16.54 | / | / | 18.54 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 16.47 | / | / | 18.47 | / | / | <=30 | Pass |
|                                                                                  | 3795 | Edge_1RB_Left   | 16.38 | / | / | 18.38 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 16.53 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 16.48 | / | / | 18.48 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 16.58 | / | / | 18.58 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 16.39 | / | / | 18.39 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |      |                 |       |   |   |       |   |   |      |      |

### 1.1.2 30k\_SISO\_15MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 15MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3707.52         | Edge 1RB Left   | 22.78                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.00                | /    | /   | 25.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.93                | /    | /   | 24.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.43                | /    | /   | 25.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.26                | /    | /   | 25.26     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.46                | /    | /   | 25.46     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 22.79                | /    | /   | 24.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.58                | /    | /   | 24.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.73                | /    | /   | 24.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.26                | /    | /   | 25.26     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.31                | /    | /   | 25.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.03                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     | 3792.48         | Edge 1RB Left   | 22.33                | /    | /   | 24.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.54                | /    | /   | 24.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.56                | /    | /   | 24.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.01                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.85                | /    | /   | 24.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.10                | /    | /   | 25.10     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3707.52         | Edge 1RB Left   | 22.36                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.48                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.46                | /    | /   | 24.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.44                | /    | /   | 25.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.29                | /    | /   | 25.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.47                | /    | /   | 25.47     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 22.32                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.29                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.25                | /    | /   | 25.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.28                | /    | /   | 25.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.03                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     | 3792.48         | Edge 1RB Left   | 21.90                | /    | /   | 23.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.08                | /    | /   | 24.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.05                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.01                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.78                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.06                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3707.52         | Edge 1RB Left   | 21.43                | /    | /   | 23.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.56                | /    | /   | 23.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 21.45                | /    | /   | 23.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 22.48                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.34                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.47                | /    | /   | 24.47     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 21.42                | /    | /   | 23.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.13                | /    | /   | 23.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 21.19                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 22.29                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.31                | /    | /   | 24.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     | 3792.48         | Edge 1RB Left   | 20.99                | /    | /   | 22.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.16                | /    | /   | 23.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 21.07                | /    | /   | 23.07     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 22.06                | /    | /   | 24.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 21.89                | /    | /   | 23.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.08                | /    | /   | 24.08     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3707.52         | Edge 1RB Left   | 20.83                | /    | /   | 22.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.03                | /    | /   | 23.03     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 20.93 | / | / | 22.93 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.13 | / | / | 23.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.84 | / | / | 22.84 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.03 | / | / | 23.03 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.62 | / | / | 22.62 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.76 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.92 | / | / | 22.92 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.82 | / | / | 22.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.63 | / | / | 22.63 | / | / | <=30 | Pass |
|                    | 3792.48 | Edge_1RB_Left   | 20.44 | / | / | 22.44 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.60 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.62 | / | / | 22.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3707.52 | Edge_1RB_Left   | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.74 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.87 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.84 | / | / | 20.84 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.60 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.78 | / | / | 20.78 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.57 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.35 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.64 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.59 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.38 | / | / | 20.38 | / | / | <=30 | Pass |
|                    | 3792.48 | Edge_1RB_Left   | 18.22 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.51 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.18 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3707.52 | Edge_1RB_Left   | 20.26 | / | / | 22.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.91 | / | / | 23.91 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.71 | / | / | 23.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.06 | / | / | 24.06 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.33 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.14 | / | / | 22.14 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.71 | / | / | 23.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.86 | / | / | 23.86 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.60 | / | / | 23.60 | / | / | <=30 | Pass |
|                    | 3792.48 | Edge_1RB_Left   | 19.77 | / | / | 21.77 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.97 | / | / | 21.97 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 19.91 | / | / | 21.91 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.51 | / | / | 23.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.69 | / | / | 23.69 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3707.52 | Edge_1RB_Left   | 20.43 | / | / | 22.43 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.58 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.46 | / | / | 22.46 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.32 | / | / | 23.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.40 | / | / | 23.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.51 | / | / | 23.51 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.42 | / | / | 22.42 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |       |   |       |       |   |      |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|                                                                                  |                 | Edge_1RB_Right  | 20.19 | / | /     | 22.19 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 20.24 | / | /     | 22.24 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 21.12 | / | /     | 23.12 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 21.34 | / | /     | 23.34 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 21.17 | / | /     | 23.17 | / | /    | <=30 | Pass |
|                                                                                  | 3792.48         | Edge_1RB_Left   | 19.94 | / | /     | 21.94 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 20.12 | / | /     | 22.12 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 20.07 | / | /     | 22.07 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 20.94 | / | /     | 22.94 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 20.93 | / | /     | 22.93 | / | /    | <=30 | Pass |
|                                                                                  | Inner_1RB_Right | 21.10           | /     | / | 23.10 | /     | / | <=30 | Pass |      |
| CP-OFDM 64 QAM                                                                   | 3707.52         | Edge_1RB_Left   | 19.85 | / | /     | 21.85 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 19.97 | / | /     | 21.97 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 19.89 | / | /     | 21.89 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 19.87 | / | /     | 21.87 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 19.88 | / | /     | 21.88 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 19.98 | / | /     | 21.98 | / | /    | <=30 | Pass |
|                                                                                  | 3750            | Edge_1RB_Left   | 19.82 | / | /     | 21.82 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 19.64 | / | /     | 21.64 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 19.75 | / | /     | 21.75 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 19.72 | / | /     | 21.72 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 19.81 | / | /     | 21.81 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 19.61 | / | /     | 21.61 | / | /    | <=30 | Pass |
|                                                                                  | 3792.48         | Edge_1RB_Left   | 19.48 | / | /     | 21.48 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 19.67 | / | /     | 21.67 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 19.48 | / | /     | 21.48 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 19.55 | / | /     | 21.55 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 19.49 | / | /     | 21.49 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 19.62 | / | /     | 21.62 | / | /    | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3707.52         | Edge_1RB_Left   | 16.73 | / | /     | 18.73 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 16.91 | / | /     | 18.91 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 16.89 | / | /     | 18.89 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 16.90 | / | /     | 18.90 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 16.71 | / | /     | 18.71 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 16.84 | / | /     | 18.84 | / | /    | <=30 | Pass |
|                                                                                  | 3750            | Edge_1RB_Left   | 16.69 | / | /     | 18.69 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 16.50 | / | /     | 18.50 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 16.68 | / | /     | 18.68 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 16.74 | / | /     | 18.74 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 16.72 | / | /     | 18.72 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 16.52 | / | /     | 18.52 | / | /    | <=30 | Pass |
|                                                                                  | 3792.48         | Edge_1RB_Left   | 16.35 | / | /     | 18.35 | / | /    | <=30 | Pass |
|                                                                                  |                 | Edge_1RB_Right  | 16.55 | / | /     | 18.55 | / | /    | <=30 | Pass |
|                                                                                  |                 | Outer_Full      | 16.47 | / | /     | 18.47 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 16.59 | / | /     | 18.59 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Left  | 16.36 | / | /     | 18.36 | / | /    | <=30 | Pass |
|                                                                                  |                 | Inner_1RB_Right | 16.56 | / | /     | 18.56 | / | /    | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |       |   |       |       |   |      |      |      |

### 1.1.3 30k\_SISO\_20MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 20MHz NTN |                 |                |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation  | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Edge_1RB_Left  | 22.76                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right | 22.96                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full     | 22.97                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |         | Inner_Full      | 23.52 | / | / | 25.52 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.29 | / | / | 25.29 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.49 | / | / | 25.49 | / | / | <=30 | Pass |
|                   | 3750    | Edge_1RB_Left   | 22.84 | / | / | 24.84 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.55 | / | / | 24.55 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.76 | / | / | 24.76 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.27 | / | / | 25.27 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.31 | / | / | 25.31 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.99 | / | / | 24.99 | / | / | <=30 | Pass |
|                   | 3789.99 | Edge_1RB_Left   | 22.33 | / | / | 24.33 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.60 | / | / | 24.60 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.56 | / | / | 24.56 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.98 | / | / | 24.98 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.86 | / | / | 24.86 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.09 | / | / | 25.09 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3710.01 | Edge_1RB_Left   | 22.31 | / | / | 24.31 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.54 | / | / | 24.54 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.51 | / | / | 24.51 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.47 | / | / | 25.47 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.33 | / | / | 25.33 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.51 | / | / | 25.51 | / | / | <=30 | Pass |
|                   | 3750    | Edge_1RB_Left   | 22.33 | / | / | 24.33 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.01 | / | / | 24.01 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.28 | / | / | 24.28 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.36 | / | / | 25.36 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.37 | / | / | 25.37 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.05 | / | / | 25.05 | / | / | <=30 | Pass |
|                   | 3789.99 | Edge_1RB_Left   | 21.84 | / | / | 23.84 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.06 | / | / | 24.06 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.10 | / | / | 25.10 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.89 | / | / | 24.89 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.12 | / | / | 25.12 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3710.01 | Edge_1RB_Left   | 21.30 | / | / | 23.30 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 21.42 | / | / | 23.42 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.52 | / | / | 24.52 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.29 | / | / | 24.29 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.47 | / | / | 24.47 | / | / | <=30 | Pass |
|                   | 3750    | Edge_1RB_Left   | 21.38 | / | / | 23.38 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.06 | / | / | 23.06 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 21.19 | / | / | 23.19 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.40 | / | / | 24.40 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.31 | / | / | 24.31 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.01 | / | / | 24.01 | / | / | <=30 | Pass |
|                   | 3789.99 | Edge_1RB_Left   | 20.82 | / | / | 22.82 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.10 | / | / | 23.10 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 21.00 | / | / | 23.00 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.05 | / | / | 24.05 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 21.82 | / | / | 23.82 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.14 | / | / | 24.14 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3710.01 | Edge_1RB_Left   | 20.93 | / | / | 22.93 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.03 | / | / | 23.03 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 20.93 | / | / | 22.93 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 20.98 | / | / | 22.98 | / | / | <=30 | Pass |
|                   | 3750    | Edge_1RB_Left   | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.57 | / | / | 22.57 | / | / | <=30 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.76 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.63 | / | / | 22.63 | / | / | <=30 | Pass |
|                    | 3789.99 | Edge_1RB_Left   | 20.37 | / | / | 22.37 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.64 | / | / | 22.64 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.53 | / | / | 22.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.45 | / | / | 22.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.37 | / | / | 22.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3710.01 | Edge_1RB_Left   | 18.58 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.77 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.85 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.83 | / | / | 20.83 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.57 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.79 | / | / | 20.79 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.34 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.68 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.36 | / | / | 20.36 | / | / | <=30 | Pass |
|                    | 3789.99 | Edge_1RB_Left   | 18.16 | / | / | 20.16 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.22 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.47 | / | / | 20.47 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3710.01 | Edge_1RB_Left   | 20.23 | / | / | 22.23 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.45 | / | / | 22.45 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.35 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.99 | / | / | 23.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.74 | / | / | 23.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.98 | / | / | 23.98 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.22 | / | / | 22.22 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.96 | / | / | 21.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.18 | / | / | 22.18 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.90 | / | / | 23.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.76 | / | / | 23.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
|                    | 3789.99 | Edge_1RB_Left   | 19.75 | / | / | 21.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.03 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.04 | / | / | 22.04 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.58 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.33 | / | / | 23.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.68 | / | / | 23.68 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3710.01 | Edge_1RB_Left   | 20.38 | / | / | 22.38 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.59 | / | / | 22.59 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.51 | / | / | 22.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.50 | / | / | 23.50 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.32 | / | / | 23.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.50 | / | / | 23.50 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.35 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.30 | / | / | 23.30 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.39 | / | / | 23.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.07 | / | / | 23.07 | / | / | <=30 | Pass |
|                    | 3789.99 | Edge_1RB_Left   | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |

|                 |         |                                          |       |   |       |       |   |      |      |      |  |
|-----------------|---------|------------------------------------------|-------|---|-------|-------|---|------|------|------|--|
|                 |         | Edge_1RB_Right                           | 20.19 | / | /     | 22.19 | / | /    | <=30 | Pass |  |
|                 |         | Outer_Full                               | 20.04 | / | /     | 22.04 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 21.03 | / | /     | 23.03 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 20.87 | / | /     | 22.87 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 21.08 | / | /     | 23.08 | / | /    | <=30 | Pass |  |
| CP-OFDM 64 QAM  | 3710.01 | Edge_1RB_Left                            | 19.78 | / | /     | 21.78 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 19.97 | / | /     | 21.97 | / | /    | <=30 | Pass |  |
|                 |         | Outer_Full                               | 19.86 | / | /     | 21.86 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 19.95 | / | /     | 21.95 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 19.82 | / | /     | 21.82 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 20.03 | / | /     | 22.03 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 19.79 | / | /     | 21.79 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 19.47 | / | /     | 21.47 | / | /    | <=30 | Pass |  |
|                 | 3750    | Outer_Full                               | 19.74 | / | /     | 21.74 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 19.77 | / | /     | 21.77 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 19.84 | / | /     | 21.84 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 19.50 | / | /     | 21.50 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 19.45 | / | /     | 21.45 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 19.77 | / | /     | 21.77 | / | /    | <=30 | Pass |  |
|                 | 3789.99 | Outer_Full                               | 19.56 | / | /     | 21.56 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 19.62 | / | /     | 21.62 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 19.48 | / | /     | 21.48 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 19.71 | / | /     | 21.71 | / | /    | <=30 | Pass |  |
| Edge_1RB_Left   |         | 16.65                                    | /     | / | 18.65 | /     | / | <=30 | Pass |      |  |
| Edge_1RB_Right  |         | 16.87                                    | /     | / | 18.87 | /     | / | <=30 | Pass |      |  |
| CP-OFDM 256 QAM | 3710.01 | Outer_Full                               | 16.86 | / | /     | 18.86 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 16.90 | / | /     | 18.90 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 16.66 | / | /     | 18.66 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 16.89 | / | /     | 18.89 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 16.77 | / | /     | 18.77 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 16.46 | / | /     | 18.46 | / | /    | <=30 | Pass |  |
|                 | 3750    | Outer_Full                               | 16.72 | / | /     | 18.72 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 16.71 | / | /     | 18.71 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 16.74 | / | /     | 18.74 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 16.45 | / | /     | 18.45 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 16.34 | / | /     | 18.34 | / | /    | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 16.64 | / | /     | 18.64 | / | /    | <=30 | Pass |  |
|                 | 3789.99 | Outer_Full                               | 16.57 | / | /     | 18.57 | / | /    | <=30 | Pass |  |
|                 |         | Inner_Full                               | 16.51 | / | /     | 18.51 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 16.36 | / | /     | 18.36 | / | /    | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 16.64 | / | /     | 18.64 | / | /    | <=30 | Pass |  |
|                 |         | Note1: Antenna Gain: Ant10: 2.00dBi;     |       |   |       |       |   |      |      |      |  |
|                 |         | Note2: EIRP=Conducted Power+Antenna Gain |       |   |       |       |   |      |      |      |  |

#### 1.1.4 30k\_SISO\_25MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 25MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3712.5          | Edge_1RB_Left   | 22.68                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.91                | /    | /   | 24.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.95                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.40                | /    | /   | 25.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.11                | /    | /   | 25.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.41                | /    | /   | 25.41     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge_1RB_Left   | 22.77                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.34                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.69                | /    | /   | 24.69     | /    | /   | <=30  | Pass    |

|                   |        |                 |       |   |   |       |   |   |      |      |
|-------------------|--------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |        | Inner_Full      | 23.19 | / | / | 25.19 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 23.25 | / | / | 25.25 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 22.82 | / | / | 24.82 | / | / | <=30 | Pass |
|                   | 3787.5 | Edge_1RB_Left   | 22.18 | / | / | 24.18 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 22.51 | / | / | 24.51 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 22.56 | / | / | 24.56 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 22.91 | / | / | 24.91 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 22.67 | / | / | 24.67 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 23.02 | / | / | 25.02 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3712.5 | Edge_1RB_Left   | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 22.41 | / | / | 24.41 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 22.41 | / | / | 24.41 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 23.38 | / | / | 25.38 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 23.17 | / | / | 25.17 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 23.41 | / | / | 25.41 | / | / | <=30 | Pass |
|                   | 3750   | Edge_1RB_Left   | 22.28 | / | / | 24.28 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 21.88 | / | / | 23.88 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 23.16 | / | / | 25.16 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 23.29 | / | / | 25.29 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 22.87 | / | / | 24.87 | / | / | <=30 | Pass |
|                   | 3787.5 | Edge_1RB_Left   | 21.70 | / | / | 23.70 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 22.04 | / | / | 24.04 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 21.97 | / | / | 23.97 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 22.93 | / | / | 24.93 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 22.69 | / | / | 24.69 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 22.96 | / | / | 24.96 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3712.5 | Edge_1RB_Left   | 21.14 | / | / | 23.14 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 21.49 | / | / | 23.49 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 21.29 | / | / | 23.29 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 22.39 | / | / | 24.39 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 22.15 | / | / | 24.15 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 22.38 | / | / | 24.38 | / | / | <=30 | Pass |
|                   | 3750   | Edge_1RB_Left   | 21.27 | / | / | 23.27 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 22.19 | / | / | 24.19 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 22.28 | / | / | 24.28 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 21.81 | / | / | 23.81 | / | / | <=30 | Pass |
|                   | 3787.5 | Edge_1RB_Left   | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 20.97 | / | / | 22.97 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 21.96 | / | / | 23.96 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 21.68 | / | / | 23.68 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 22.00 | / | / | 24.00 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3712.5 | Edge_1RB_Left   | 20.67 | / | / | 22.67 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 21.15 | / | / | 23.15 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 20.92 | / | / | 22.92 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 21.15 | / | / | 23.15 | / | / | <=30 | Pass |
|                   | 3750   | Edge_1RB_Left   | 20.78 | / | / | 22.78 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 20.30 | / | / | 22.30 | / | / | <=30 | Pass |
|                   |        | Outer_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                   |        | Inner_Full      | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Left  | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                   |        | Inner_1RB_Right | 20.45 | / | / | 22.45 | / | / | <=30 | Pass |
|                   | 3787.5 | Edge_1RB_Left   | 20.28 | / | / | 22.28 | / | / | <=30 | Pass |
|                   |        | Edge_1RB_Right  | 20.69 | / | / | 22.69 | / | / | <=30 | Pass |

|                    |        |                 |       |   |   |       |   |   |      |      |
|--------------------|--------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |        | Outer_Full      | 20.48 | / | / | 22.48 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 20.52 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 20.37 | / | / | 22.37 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3712.5 | Edge_1RB_Left   | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 18.73 | / | / | 20.73 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 18.88 | / | / | 20.88 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 18.84 | / | / | 20.84 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 18.46 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 18.78 | / | / | 20.78 | / | / | <=30 | Pass |
|                    | 3750   | Edge_1RB_Left   | 18.59 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 18.20 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 18.60 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 18.21 | / | / | 20.21 | / | / | <=30 | Pass |
|                    | 3787.5 | Edge_1RB_Left   | 18.01 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 18.44 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 18.52 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 18.09 | / | / | 20.09 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3712.5 | Edge_1RB_Left   | 20.15 | / | / | 22.15 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 20.39 | / | / | 22.39 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.82 | / | / | 23.82 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 21.57 | / | / | 23.57 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 22.12 | / | / | 24.12 | / | / | <=30 | Pass |
|                    | 3750   | Edge_1RB_Left   | 20.16 | / | / | 22.16 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 19.77 | / | / | 21.77 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 20.12 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.58 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 21.60 | / | / | 23.60 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                    | 3787.5 | Edge_1RB_Left   | 19.61 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 19.95 | / | / | 21.95 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.43 | / | / | 23.43 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3712.5 | Edge_1RB_Left   | 20.22 | / | / | 22.22 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 20.45 | / | / | 22.45 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.40 | / | / | 23.40 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 21.18 | / | / | 23.18 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 21.40 | / | / | 23.40 | / | / | <=30 | Pass |
|                    | 3750   | Edge_1RB_Left   | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 19.85 | / | / | 21.85 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 20.19 | / | / | 22.19 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.13 | / | / | 23.13 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 21.30 | / | / | 23.30 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                    | 3787.5 | Edge_1RB_Left   | 19.82 | / | / | 21.82 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 20.05 | / | / | 22.05 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 21.04 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 20.69 | / | / | 22.69 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 21.00 | / | / | 23.00 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM     | 3712.5 | Edge_1RB_Left   | 19.73 | / | / | 21.73 | / | / | <=30 | Pass |

|                                                                                  |                |                 |       |   |       |       |   |      |      |      |
|----------------------------------------------------------------------------------|----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|                                                                                  |                | Edge_1RB_Right  | 19.97 | / | /     | 21.97 | / | /    | <=30 | Pass |
|                                                                                  |                | Outer_Full      | 19.88 | / | /     | 21.88 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_Full      | 19.89 | / | /     | 21.89 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Left  | 19.74 | / | /     | 21.74 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Right | 19.98 | / | /     | 21.98 | / | /    | <=30 | Pass |
|                                                                                  | 3750           | Edge_1RB_Left   | 19.79 | / | /     | 21.79 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Right  | 19.45 | / | /     | 21.45 | / | /    | <=30 | Pass |
|                                                                                  |                | Outer_Full      | 19.66 | / | /     | 21.66 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_Full      | 19.76 | / | /     | 21.76 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Left  | 19.80 | / | /     | 21.80 | / | /    | <=30 | Pass |
|                                                                                  | 3787.5         | Inner_1RB_Right | 19.41 | / | /     | 21.41 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Left   | 19.32 | / | /     | 21.32 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Right  | 19.65 | / | /     | 21.65 | / | /    | <=30 | Pass |
|                                                                                  |                | Outer_Full      | 19.51 | / | /     | 21.51 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_Full      | 19.55 | / | /     | 21.55 | / | /    | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3712.5         | Inner_1RB_Left  | 19.37 | / | /     | 21.37 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Right | 19.71 | / | /     | 21.71 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Left   | 16.59 | / | /     | 18.59 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Right  | 16.88 | / | /     | 18.88 | / | /    | <=30 | Pass |
|                                                                                  |                | Outer_Full      | 16.87 | / | /     | 18.87 | / | /    | <=30 | Pass |
|                                                                                  | 3750           | Inner_Full      | 16.89 | / | /     | 18.89 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Left  | 16.62 | / | /     | 18.62 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Right | 16.91 | / | /     | 18.91 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Left   | 16.67 | / | /     | 18.67 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Right  | 16.33 | / | /     | 18.33 | / | /    | <=30 | Pass |
|                                                                                  | 3787.5         | Outer_Full      | 16.63 | / | /     | 18.63 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_Full      | 16.69 | / | /     | 18.69 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Left  | 16.70 | / | /     | 18.70 | / | /    | <=30 | Pass |
|                                                                                  |                | Inner_1RB_Right | 16.37 | / | /     | 18.37 | / | /    | <=30 | Pass |
|                                                                                  |                | Edge_1RB_Left   | 16.19 | / | /     | 18.19 | / | /    | <=30 | Pass |
|                                                                                  | Edge_1RB_Right | 16.60           | /     | / | 18.60 | /     | / | <=30 | Pass |      |
|                                                                                  | Outer_Full     | 16.52           | /     | / | 18.52 | /     | / | <=30 | Pass |      |
|                                                                                  | Inner_Full     | 16.52           | /     | / | 18.52 | /     | / | <=30 | Pass |      |
|                                                                                  | Inner_1RB_Left | 16.19           | /     | / | 18.19 | /     | / | <=30 | Pass |      |
|                                                                                  |                | Inner_1RB_Right | 16.56 | / | /     | 18.56 | / | /    | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                |                 |       |   |       |       |   |      |      |      |

### 1.1.5 30k\_SISO\_30MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 30MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3715.02         | Edge_1RB_Left   | 22.67                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 23.08                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.90                | /    | /   | 24.90     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 23.37                | /    | /   | 25.37     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 23.17                | /    | /   | 25.17     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 23.52                | /    | /   | 25.52     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge_1RB_Left   | 22.80                | /    | /   | 24.80     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.32                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.72                | /    | /   | 24.72     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 23.28                | /    | /   | 25.28     | /    | /   | <=30  | Pass    |
|                                      | 3784.98         | Inner_1RB_Right | 22.81                | /    | /   | 24.81     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Left   | 22.14                | /    | /   | 24.14     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.43                | /    | /   | 24.43     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.36                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 22.81 | / | / | 24.81 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.62 | / | / | 24.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.95 | / | / | 24.95 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK    | 3715.02 | Edge_1RB_Left   | 22.24 | / | / | 24.24 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.61 | / | / | 24.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.42 | / | / | 24.42 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.40 | / | / | 25.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.21 | / | / | 25.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.55 | / | / | 25.55 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.38 | / | / | 24.38 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Right  | 21.82 | / | / | 23.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.19 | / | / | 24.19 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.18 | / | / | 25.18 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.34 | / | / | 25.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.86 | / | / | 24.86 | / | / | <=30 | Pass |
|                    | 3784.98 | Edge_1RB_Left   | 21.68 | / | / | 23.68 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.01 | / | / | 24.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.87 | / | / | 23.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.82 | / | / | 24.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.67 | / | / | 24.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.03 | / | / | 25.03 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3715.02 | Edge_1RB_Left   | 21.27 | / | / | 23.27 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.61 | / | / | 23.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.40 | / | / | 23.40 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.34 | / | / | 24.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.27 | / | / | 24.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.57 | / | / | 24.57 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 21.35 | / | / | 23.35 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.86 | / | / | 22.86 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.12 | / | / | 23.12 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.17 | / | / | 24.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.25 | / | / | 24.25 | / | / | <=30 | Pass |
|                    | 3784.98 | Inner_1RB_Right | 21.80 | / | / | 23.80 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.85 | / | / | 23.85 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.63 | / | / | 23.63 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3715.02 | Inner_1RB_Right | 21.98 | / | / | 23.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 20.71 | / | / | 22.71 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.91 | / | / | 22.91 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                    | 3750    | Inner_1RB_Right | 21.17 | / | / | 23.17 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 20.89 | / | / | 22.89 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.34 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                    | 3784.98 | Inner_1RB_Left  | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 20.14 | / | / | 22.14 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.52 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.34 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.32 | / | / | 22.32 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3715.02 | Inner_1RB_Left  | 20.21 | / | / | 22.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.51 | / | / | 22.51 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 18.58 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.88 | / | / | 20.88 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                |         | Outer_Full      | 18.91 | / | / | 20.91 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 18.89 | / | / | 20.89 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 18.53 | / | / | 20.53 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 18.87 | / | / | 20.87 | / | / | <=30 | Pass |
|                | 3750    | Edge_1RB_Left   | 18.65 | / | / | 20.65 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 18.22 | / | / | 20.22 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 18.65 | / | / | 20.65 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 18.21 | / | / | 20.21 | / | / | <=30 | Pass |
|                | 3784.98 | Edge_1RB_Left   | 18.00 | / | / | 20.00 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 18.40 | / | / | 20.40 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 18.40 | / | / | 20.40 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 18.04 | / | / | 20.04 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 18.39 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3715.02 | Edge_1RB_Left   | 20.15 | / | / | 22.15 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.56 | / | / | 22.56 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.91 | / | / | 23.91 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.61 | / | / | 23.61 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.05 | / | / | 24.05 | / | / | <=30 | Pass |
|                | 3750    | Edge_1RB_Left   | 20.22 | / | / | 22.22 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 19.77 | / | / | 21.77 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.16 | / | / | 22.16 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.77 | / | / | 23.77 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                | 3784.98 | Edge_1RB_Left   | 19.50 | / | / | 21.50 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 19.90 | / | / | 21.90 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 19.91 | / | / | 21.91 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.36 | / | / | 23.36 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.14 | / | / | 23.14 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3715.02 | Edge_1RB_Left   | 20.27 | / | / | 22.27 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.62 | / | / | 22.62 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.38 | / | / | 23.38 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.16 | / | / | 23.16 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
|                | 3750    | Edge_1RB_Left   | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 19.82 | / | / | 21.82 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.13 | / | / | 23.13 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.32 | / | / | 23.32 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.83 | / | / | 22.83 | / | / | <=30 | Pass |
|                | 3784.98 | Edge_1RB_Left   | 19.71 | / | / | 21.71 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.02 | / | / | 22.02 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 19.84 | / | / | 21.84 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.81 | / | / | 22.81 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.98 | / | / | 22.98 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3715.02 | Edge_1RB_Left   | 19.74 | / | / | 21.74 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 19.90 | / | / | 21.90 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 19.79 | / | / | 21.79 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.09 | / | / | 22.09 | / | / | <=30 | Pass |
|                | 3750    | Edge_1RB_Left   | 19.85 | / | / | 21.85 | / | / | <=30 | Pass |

|                                          |                 |                 |                 |       |       |       |       |      |      |      |      |
|------------------------------------------|-----------------|-----------------|-----------------|-------|-------|-------|-------|------|------|------|------|
|                                          |                 | Edge_1RB_Right  | 19.44           | /     | /     | 21.44 | /     | /    | <=30 | Pass |      |
|                                          |                 | Outer_Full      | 19.69           | /     | /     | 21.69 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_Full      | 19.68           | /     | /     | 21.68 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_1RB_Left  | 19.84           | /     | /     | 21.84 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_1RB_Right | 19.44           | /     | /     | 21.44 | /     | /    | <=30 | Pass |      |
|                                          | 3784.98         | Edge_1RB_Left   | 19.24           | /     | /     | 21.24 | /     | /    | <=30 | Pass |      |
|                                          |                 | Edge_1RB_Right  | 19.68           | /     | /     | 21.68 | /     | /    | <=30 | Pass |      |
|                                          |                 | Outer_Full      | 19.44           | /     | /     | 21.44 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_Full      | 19.38           | /     | /     | 21.38 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_1RB_Left  | 19.26           | /     | /     | 21.26 | /     | /    | <=30 | Pass |      |
|                                          | CP-OFDM 256 QAM | 3715.02         | Inner_1RB_Right | 19.62 | /     | /     | 21.62 | /    | /    | <=30 | Pass |
|                                          |                 |                 | Edge_1RB_Left   | 16.67 | /     | /     | 18.67 | /    | /    | <=30 | Pass |
|                                          |                 |                 | Edge_1RB_Right  | 17.01 | /     | /     | 19.01 | /    | /    | <=30 | Pass |
|                                          |                 |                 | Outer_Full      | 16.93 | /     | /     | 18.93 | /    | /    | <=30 | Pass |
| Inner_Full                               |                 |                 | 16.91           | /     | /     | 18.91 | /     | /    | <=30 | Pass |      |
| Inner_1RB_Left                           |                 |                 | 16.65           | /     | /     | 18.65 | /     | /    | <=30 | Pass |      |
| 3750                                     |                 | Inner_1RB_Right | 16.98           | /     | /     | 18.98 | /     | /    | <=30 | Pass |      |
|                                          |                 | Edge_1RB_Left   | 16.75           | /     | /     | 18.75 | /     | /    | <=30 | Pass |      |
|                                          |                 | Edge_1RB_Right  | 16.32           | /     | /     | 18.32 | /     | /    | <=30 | Pass |      |
|                                          |                 | Outer_Full      | 16.67           | /     | /     | 18.67 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_Full      | 16.67           | /     | /     | 18.67 | /     | /    | <=30 | Pass |      |
|                                          |                 | Inner_1RB_Left  | 16.73           | /     | /     | 18.73 | /     | /    | <=30 | Pass |      |
| 3784.98                                  |                 | Inner_1RB_Right | 16.31           | /     | /     | 18.31 | /     | /    | <=30 | Pass |      |
|                                          |                 | Edge_1RB_Left   | 16.09           | /     | /     | 18.09 | /     | /    | <=30 | Pass |      |
|                                          | Edge_1RB_Right  | 16.57           | /               | /     | 18.57 | /     | /     | <=30 | Pass |      |      |
|                                          | Outer_Full      | 16.38           | /               | /     | 18.38 | /     | /     | <=30 | Pass |      |      |
|                                          | Inner_Full      | 16.41           | /               | /     | 18.41 | /     | /     | <=30 | Pass |      |      |
|                                          | Inner_1RB_Left  | 16.13           | /               | /     | 18.13 | /     | /     | <=30 | Pass |      |      |
|                                          | Inner_1RB_Right | 16.53           | /               | /     | 18.53 | /     | /     | <=30 | Pass |      |      |
| Note1: Antenna Gain: Ant10: 2.00dBi;     |                 |                 |                 |       |       |       |       |      |      |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |       |       |       |       |      |      |      |      |

### 1.1.6 30k\_SISO\_40MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 40MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Edge_1RB_Left   | 22.64                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.97                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.94                | /    | /   | 24.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.45                | /    | /   | 25.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.14                | /    | /   | 25.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.42                | /    | /   | 25.42     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge_1RB_Left   | 22.78                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.34                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.63                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.29                | /    | /   | 25.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.81                | /    | /   | 24.81     | /    | /   | <=30  | Pass    |
|                                     | 3780            | Edge_1RB_Left   | 22.18                | /    | /   | 24.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.50                | /    | /   | 24.50     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.35                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 22.85                | /    | /   | 24.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.62                | /    | /   | 24.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.98                | /    | /   | 24.98     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Edge_1RB_Left   | 22.14                | /    | /   | 24.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.46                | /    | /   | 24.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.45                | /    | /   | 24.45     | /    | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Inner_Full      | 23.42 | / | / | 25.42 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.14 | / | / | 25.14 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.42 | / | / | 25.42 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 22.26 | / | / | 24.26 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.86 | / | / | 23.86 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.15 | / | / | 24.15 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.15 | / | / | 25.15 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.27 | / | / | 25.27 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.84 | / | / | 24.84 | / | / | <=30 | Pass |
|                    | 3780 | Edge_1RB_Left   | 21.70 | / | / | 23.70 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.02 | / | / | 24.02 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.87 | / | / | 23.87 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.88 | / | / | 24.88 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.70 | / | / | 24.70 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.03 | / | / | 25.03 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3720 | Edge_1RB_Left   | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.51 | / | / | 23.51 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.41 | / | / | 23.41 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.39 | / | / | 24.39 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.14 | / | / | 24.14 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.47 | / | / | 24.47 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 21.42 | / | / | 23.42 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.20 | / | / | 23.20 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.21 | / | / | 24.21 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.35 | / | / | 24.35 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.86 | / | / | 23.86 | / | / | <=30 | Pass |
|                    | 3780 | Edge_1RB_Left   | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.05 | / | / | 23.05 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.86 | / | / | 22.86 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.82 | / | / | 23.82 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.01 | / | / | 24.01 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3720 | Edge_1RB_Left   | 20.64 | / | / | 22.64 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.97 | / | / | 22.97 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.94 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.62 | / | / | 22.62 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.03 | / | / | 23.03 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 20.79 | / | / | 22.79 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.85 | / | / | 22.85 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.29 | / | / | 22.29 | / | / | <=30 | Pass |
|                    | 3780 | Edge_1RB_Left   | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.60 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.35 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.32 | / | / | 22.32 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.18 | / | / | 22.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.59 | / | / | 22.59 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3720 | Edge_1RB_Left   | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.77 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.85 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 18.90 | / | / | 20.90 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.46 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.76 | / | / | 20.76 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.18 | / | / | 20.18 | / | / | <=30 | Pass |

|                |      |                 |       |   |   |       |   |   |      |      |
|----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                |      | Outer_Full      | 18.69 | / | / | 20.69 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 18.60 | / | / | 20.60 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 18.19 | / | / | 20.19 | / | / | <=30 | Pass |
|                | 3780 | Edge_1RB_Left   | 18.01 | / | / | 20.01 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 18.02 | / | / | 20.02 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 18.40 | / | / | 20.40 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3720 | Edge_1RB_Left   | 20.00 | / | / | 22.00 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 20.42 | / | / | 22.42 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.97 | / | / | 23.97 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.53 | / | / | 23.53 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.85 | / | / | 23.85 | / | / | <=30 | Pass |
|                | 3750 | Edge_1RB_Left   | 20.21 | / | / | 22.21 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 19.72 | / | / | 21.72 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 20.08 | / | / | 22.08 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.66 | / | / | 23.66 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.78 | / | / | 23.78 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.35 | / | / | 23.35 | / | / | <=30 | Pass |
|                | 3780 | Edge_1RB_Left   | 19.60 | / | / | 21.60 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 19.95 | / | / | 21.95 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 19.81 | / | / | 21.81 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.33 | / | / | 23.33 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.56 | / | / | 23.56 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3720 | Edge_1RB_Left   | 20.19 | / | / | 22.19 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 20.37 | / | / | 22.37 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.47 | / | / | 23.47 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.19 | / | / | 23.19 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.47 | / | / | 23.47 | / | / | <=30 | Pass |
|                | 3750 | Edge_1RB_Left   | 20.36 | / | / | 22.36 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 19.89 | / | / | 21.89 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.14 | / | / | 23.14 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.37 | / | / | 23.37 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 20.83 | / | / | 22.83 | / | / | <=30 | Pass |
|                | 3780 | Edge_1RB_Left   | 19.72 | / | / | 21.72 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 20.04 | / | / | 22.04 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 20.78 | / | / | 22.78 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 20.77 | / | / | 22.77 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.03 | / | / | 23.03 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3720 | Edge_1RB_Left   | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 19.85 | / | / | 21.85 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 19.67 | / | / | 21.67 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 19.89 | / | / | 21.89 | / | / | <=30 | Pass |
|                | 3750 | Edge_1RB_Left   | 19.83 | / | / | 21.83 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 19.40 | / | / | 21.40 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 19.63 | / | / | 21.63 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 19.65 | / | / | 21.65 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 19.87 | / | / | 21.87 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 19.44 | / | / | 21.44 | / | / | <=30 | Pass |
|                | 3780 | Edge_1RB_Left   | 19.26 | / | / | 21.26 | / | / | <=30 | Pass |

|                 |                                                                                  |                 |       |   |   |       |   |   |      |      |  |
|-----------------|----------------------------------------------------------------------------------|-----------------|-------|---|---|-------|---|---|------|------|--|
|                 |                                                                                  | Edge_1RB_Right  | 19.67 | / | / | 21.67 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Outer_Full      | 19.42 | / | / | 21.42 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_Full      | 19.36 | / | / | 21.36 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Left  | 19.30 | / | / | 21.30 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Right | 19.64 | / | / | 21.64 | / | / | <=30 | Pass |  |
| CP-OFDM 256 QAM | 3720                                                                             | Edge_1RB_Left   | 16.56 | / | / | 18.56 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Edge_1RB_Right  | 16.86 | / | / | 18.86 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Outer_Full      | 16.84 | / | / | 18.84 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_Full      | 16.93 | / | / | 18.93 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Left  | 16.60 | / | / | 18.60 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Right | 16.88 | / | / | 18.88 | / | / | <=30 | Pass |  |
|                 | 3750                                                                             | Edge_1RB_Left   | 16.74 | / | / | 18.74 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Edge_1RB_Right  | 16.29 | / | / | 18.29 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Outer_Full      | 16.66 | / | / | 18.66 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_Full      | 16.68 | / | / | 18.68 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Left  | 16.74 | / | / | 18.74 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Right | 16.26 | / | / | 18.26 | / | / | <=30 | Pass |  |
|                 | 3780                                                                             | Edge_1RB_Left   | 16.13 | / | / | 18.13 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Edge_1RB_Right  | 16.56 | / | / | 18.56 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Outer_Full      | 16.39 | / | / | 18.39 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_Full      | 16.41 | / | / | 18.41 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Left  | 16.16 | / | / | 18.16 | / | / | <=30 | Pass |  |
|                 |                                                                                  | Inner_1RB_Right | 16.50 | / | / | 18.50 | / | / | <=30 | Pass |  |
|                 | Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |       |   |   |       |   |   |      |      |  |

### 1.1.7 30k\_SISO\_50MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 50MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3725.01         | Edge_1RB_Left   | 22.52                | /    | /   | 24.52     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.68                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.87                | /    | /   | 24.87     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 23.47                | /    | /   | 25.47     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 23.19                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge_1RB_Left   | 22.77                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.27                | /    | /   | 24.27     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.70                | /    | /   | 24.70     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 23.21                | /    | /   | 25.21     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 22.77                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                      | 3774.99         | Edge_1RB_Left   | 22.32                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.50                | /    | /   | 24.50     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.34                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 22.76                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 22.75                | /    | /   | 24.75     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 22.93                | /    | /   | 24.93     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                      | 3725.01         | Edge_1RB_Left   | 22.03                | /    | /   | 24.03     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.23                | /    | /   | 24.23     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.41                | /    | /   | 24.41     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 23.46                | /    | /   | 25.46     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 22.99                | /    | /   | 24.99     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 23.19                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                      | 3750            | Edge_1RB_Left   | 22.23                | /    | /   | 24.23     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 21.79                | /    | /   | 23.79     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 22.19                | /    | /   | 24.19     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 23.13 | / | / | 25.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.19 | / | / | 25.19 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.83 | / | / | 24.83 | / | / | <=30 | Pass |
|                    | 3774.99 | Edge_1RB_Left   | 21.81 | / | / | 23.81 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.99 | / | / | 23.99 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.87 | / | / | 23.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.78 | / | / | 24.78 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.74 | / | / | 24.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.94 | / | / | 24.94 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3725.01 | Edge_1RB_Left   | 21.13 | / | / | 23.13 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.21 | / | / | 23.21 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.38 | / | / | 23.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.42 | / | / | 24.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.12 | / | / | 24.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.22 | / | / | 24.22 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 21.26 | / | / | 23.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.81 | / | / | 22.81 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.18 | / | / | 23.18 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.15 | / | / | 24.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.24 | / | / | 24.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.83 | / | / | 23.83 | / | / | <=30 | Pass |
|                    | 3774.99 | Edge_1RB_Left   | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.04 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.79 | / | / | 22.79 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.80 | / | / | 23.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.82 | / | / | 23.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.99 | / | / | 23.99 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3725.01 | Edge_1RB_Left   | 20.70 | / | / | 22.70 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.78 | / | / | 22.78 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.90 | / | / | 22.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.95 | / | / | 22.95 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.67 | / | / | 22.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.92 | / | / | 22.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.48 | / | / | 22.48 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.80 | / | / | 22.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.44 | / | / | 22.44 | / | / | <=30 | Pass |
|                    | 3774.99 | Edge_1RB_Left   | 20.40 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.30 | / | / | 22.30 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.42 | / | / | 22.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.57 | / | / | 22.57 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Edge_1RB_Left   | 18.38 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.55 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.88 | / | / | 20.88 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.94 | / | / | 20.94 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.54 | / | / | 20.54 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.56 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.21 | / | / | 20.21 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.69 | / | / | 20.69 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.64 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.56 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.19 | / | / | 20.19 | / | / | <=30 | Pass |
|                    | 3774.99 | Edge_1RB_Left   | 18.16 | / | / | 20.16 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Outer_Full      | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 18.31 | / | / | 20.31 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 18.15 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 18.34 | / | / | 20.34 | / | / | <=30 | Pass |
| CP-OFDM QPSK    | 3725.01 | Edge_1RB_Left   | 19.96 | / | / | 21.96 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.37 | / | / | 22.37 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.93 | / | / | 23.93 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.59 | / | / | 23.59 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.77 | / | / | 23.77 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 20.25 | / | / | 22.25 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.87 | / | / | 21.87 | / | / | <=30 | Pass |
|                 | 3750    | Outer_Full      | 20.19 | / | / | 22.19 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.80 | / | / | 23.80 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.41 | / | / | 23.41 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 19.79 | / | / | 21.79 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |
|                 | 3774.99 | Outer_Full      | 19.83 | / | / | 21.83 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.23 | / | / | 23.23 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.33 | / | / | 23.33 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.45 | / | / | 23.45 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3725.01 | Edge_1RB_Left   | 20.02 | / | / | 22.02 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.19 | / | / | 22.19 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.36 | / | / | 22.36 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.43 | / | / | 23.43 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.18 | / | / | 23.18 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 20.26 | / | / | 22.26 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.13 | / | / | 23.13 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.32 | / | / | 23.32 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 20.82 | / | / | 22.82 | / | / | <=30 | Pass |
|                 | 3774.99 | Edge_1RB_Left   | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.07 | / | / | 22.07 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.82 | / | / | 21.82 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 20.77 | / | / | 22.77 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 20.85 | / | / | 22.85 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 20.94 | / | / | 22.94 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3725.01 | Edge_1RB_Left   | 19.56 | / | / | 21.56 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.85 | / | / | 21.85 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.95 | / | / | 21.95 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.61 | / | / | 21.61 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.71 | / | / | 21.71 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 19.71 | / | / | 21.71 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.44 | / | / | 21.44 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.66 | / | / | 21.66 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.66 | / | / | 21.66 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.75 | / | / | 21.75 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.38 | / | / | 21.38 | / | / | <=30 | Pass |
|                 | 3774.99 | Edge_1RB_Left   | 19.35 | / | / | 21.35 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.56 | / | / | 21.56 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.40 | / | / | 21.40 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.33 | / | / | 21.33 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.38 | / | / | 21.38 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.57 | / | / | 21.57 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3725.01 | Edge_1RB_Left   | 16.45 | / | / | 18.45 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |         | Edge_1RB_Right  | 16.60 | / | / | 18.60 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 16.83 | / | / | 18.83 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 16.96 | / | / | 18.96 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 16.46 | / | / | 18.46 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 16.58 | / | / | 18.58 | / | / | <=30 | Pass |
|                                                                                  | 3750    | Edge_1RB_Left   | 16.62 | / | / | 18.62 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 16.34 | / | / | 18.34 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 16.68 | / | / | 18.68 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 16.67 | / | / | 18.67 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 16.67 | / | / | 18.67 | / | / | <=30 | Pass |
|                                                                                  | 3774.99 | Inner_1RB_Right | 16.27 | / | / | 18.27 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Left   | 16.20 | / | / | 18.20 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 16.42 | / | / | 18.42 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 16.35 | / | / | 18.35 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 16.30 | / | / | 18.30 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 16.21 | / | / | 18.21 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 16.45 | / | / | 18.45 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.8 30k\_SISO\_60MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 60MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Edge_1RB_Left   | 22.55                | /    | /   | 24.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.48                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.80                | /    | /   | 24.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.42                | /    | /   | 25.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.04                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Inner_1RB_Right | 22.96                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.76                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.41                | /    | /   | 24.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.63                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     | 3769.98         | Inner_1RB_Left  | 23.21                | /    | /   | 25.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.91                | /    | /   | 24.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.61                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.60                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.48                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Inner_Full      | 22.86                | /    | /   | 24.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.08                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.09                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.09                | /    | /   | 24.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.03                | /    | /   | 24.03     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Outer_Full      | 22.31                | /    | /   | 24.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.37                | /    | /   | 25.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.01                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.21                | /    | /   | 24.21     | /    | /   | <=30  | Pass    |
|                                     | 3769.98         | Edge_1RB_Right  | 21.88                | /    | /   | 23.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.21                | /    | /   | 25.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.92                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 21.98                | /    | /   | 23.98     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 22.80 | / | / | 24.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.09 | / | / | 25.09 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.09 | / | / | 25.09 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3730.02 | Edge_1RB_Left   | 21.07 | / | / | 23.07 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.03 | / | / | 23.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.29 | / | / | 23.29 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.43 | / | / | 24.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.10 | / | / | 24.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.95 | / | / | 23.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.28 | / | / | 23.28 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Right  | 21.01 | / | / | 23.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.12 | / | / | 23.12 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.14 | / | / | 24.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.26 | / | / | 24.26 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.92 | / | / | 23.92 | / | / | <=30 | Pass |
|                    | 3769.98 | Edge_1RB_Left   | 21.18 | / | / | 23.18 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.14 | / | / | 23.14 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.94 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.87 | / | / | 23.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.14 | / | / | 24.14 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3730.02 | Edge_1RB_Left   | 20.57 | / | / | 22.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.52 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.78 | / | / | 22.78 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.87 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.63 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.52 | / | / | 22.52 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.75 | / | / | 22.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.50 | / | / | 22.50 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.63 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.80 | / | / | 22.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.52 | / | / | 22.52 | / | / | <=30 | Pass |
|                    | 3769.98 | Edge_1RB_Left   | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.47 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.41 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.64 | / | / | 22.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.64 | / | / | 22.64 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3730.02 | Edge_1RB_Left   | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.35 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.74 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.88 | / | / | 20.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.34 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.61 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.29 | / | / | 20.29 | / | / | <=30 | Pass |
|                    | 3769.98 | Edge_1RB_Left   | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.46 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.49 | / | / | 20.49 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3730.02 | Edge_1RB_Left   | 19.98 | / | / | 21.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.92 | / | / | 21.92 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Outer_Full      | 20.27 | / | / | 22.27 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.91 | / | / | 23.91 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.53 | / | / | 23.53 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.54 | / | / | 23.54 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 20.17 | / | / | 22.17 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.89 | / | / | 21.89 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.68 | / | / | 23.68 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.40 | / | / | 23.40 | / | / | <=30 | Pass |
|                 | 3769.98 | Edge_1RB_Left   | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.93 | / | / | 21.93 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.34 | / | / | 23.34 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.50 | / | / | 23.50 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.48 | / | / | 23.48 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3730.02 | Edge_1RB_Left   | 20.07 | / | / | 22.07 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.08 | / | / | 22.08 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.39 | / | / | 23.39 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.04 | / | / | 23.04 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.00 | / | / | 23.00 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 20.26 | / | / | 22.26 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.00 | / | / | 22.00 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 20.08 | / | / | 22.08 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.12 | / | / | 23.12 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.19 | / | / | 23.19 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                 | 3769.98 | Edge_1RB_Left   | 20.15 | / | / | 22.15 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 20.10 | / | / | 22.10 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.94 | / | / | 21.94 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 20.81 | / | / | 22.81 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.16 | / | / | 23.16 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.10 | / | / | 23.10 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3730.02 | Edge_1RB_Left   | 19.58 | / | / | 21.58 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.57 | / | / | 21.57 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.75 | / | / | 21.75 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.87 | / | / | 21.87 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.60 | / | / | 21.60 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.58 | / | / | 21.58 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 19.65 | / | / | 21.65 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.48 | / | / | 21.48 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.60 | / | / | 21.60 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.59 | / | / | 21.59 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.70 | / | / | 21.70 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.53 | / | / | 21.53 | / | / | <=30 | Pass |
|                 | 3769.98 | Edge_1RB_Left   | 19.63 | / | / | 21.63 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.69 | / | / | 21.69 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.45 | / | / | 21.45 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.36 | / | / | 21.36 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.64 | / | / | 21.64 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3730.02 | Edge_1RB_Left   | 16.51 | / | / | 18.51 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 16.45 | / | / | 18.45 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 16.76 | / | / | 18.76 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 16.86 | / | / | 18.86 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 16.53 | / | / | 18.53 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 16.46 | / | / | 18.46 | / | / | <=30 | Pass |
|                 | 3750    | Edge_1RB_Left   | 16.63 | / | / | 18.63 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |         | Edge_1RB_Right  | 16.45 | / | / | 18.45 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 16.65 | / | / | 18.65 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 16.60 | / | / | 18.60 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 16.64 | / | / | 18.64 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 16.46 | / | / | 18.46 | / | / | <=30 | Pass |
|                                                                                  | 3769.98 | Edge_1RB_Left   | 16.53 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 16.65 | / | / | 18.65 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 16.45 | / | / | 18.45 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 16.34 | / | / | 18.34 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 16.65 | / | / | 18.65 | / | / | <=30 | Pass |
|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.9 30k\_SISO\_70MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 70MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Edge_1RB_Left   | 22.67                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.43                | /    | /   | 24.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.75                | /    | /   | 24.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.45                | /    | /   | 25.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Inner_1RB_Right | 22.89                | /    | /   | 24.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.68                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.48                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.62                | /    | /   | 24.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.19                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                     | 3765            | Inner_1RB_Left  | 23.19                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.95                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.33                | /    | /   | 24.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.05                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 22.91                | /    | /   | 24.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.30                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.02                | /    | /   | 25.02     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3735            | Edge_1RB_Left   | 22.19                | /    | /   | 24.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.93                | /    | /   | 23.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.27                | /    | /   | 24.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.43                | /    | /   | 25.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.18                | /    | /   | 25.18     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Inner_1RB_Right | 22.86                | /    | /   | 24.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.99                | /    | /   | 23.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.16                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
|                                     | 3765            | Inner_1RB_Left  | 23.25                | /    | /   | 25.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.92                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 22.22                | /    | /   | 24.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.14                | /    | /   | 24.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.05                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 22.89                | /    | /   | 24.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.24                | /    | /   | 25.24     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3735            | Edge_1RB_Left   | 21.19                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 20.98                | /    | /   | 22.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 21.28                | /    | /   | 23.28     | /    | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Inner_Full      | 22.38 | / | / | 24.38 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.17 | / | / | 24.17 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.91 | / | / | 23.91 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 21.29 | / | / | 23.29 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.19 | / | / | 23.19 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.18 | / | / | 24.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.23 | / | / | 24.23 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.98 | / | / | 23.98 | / | / | <=30 | Pass |
|                    | 3765 | Edge_1RB_Left   | 21.32 | / | / | 23.32 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.15 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.08 | / | / | 23.08 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.97 | / | / | 23.97 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.30 | / | / | 24.30 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.15 | / | / | 24.15 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3735 | Edge_1RB_Left   | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.49 | / | / | 22.49 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.81 | / | / | 22.81 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.98 | / | / | 22.98 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.77 | / | / | 22.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.54 | / | / | 22.54 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 20.71 | / | / | 22.71 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.60 | / | / | 22.60 | / | / | <=30 | Pass |
|                    | 3765 | Edge_1RB_Left   | 20.82 | / | / | 22.82 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.56 | / | / | 22.56 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 20.47 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.86 | / | / | 22.86 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 20.77 | / | / | 22.77 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3735 | Edge_1RB_Left   | 18.44 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.28 | / | / | 20.28 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.88 | / | / | 20.88 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 19.03 | / | / | 21.03 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.46 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.31 | / | / | 20.31 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 18.57 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.30 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.75 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 18.77 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.58 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.29 | / | / | 20.29 | / | / | <=30 | Pass |
|                    | 3765 | Edge_1RB_Left   | 18.71 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 18.52 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 18.57 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 18.67 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 18.50 | / | / | 20.50 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3735 | Edge_1RB_Left   | 20.02 | / | / | 22.02 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 19.85 | / | / | 21.85 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 20.33 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.83 | / | / | 23.83 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.51 | / | / | 23.51 | / | / | <=30 | Pass |
|                    | 3750 | Edge_1RB_Left   | 20.18 | / | / | 22.18 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 19.87 | / | / | 21.87 | / | / | <=30 | Pass |

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |      | Outer_Full      | 20.19 | / | / | 22.19 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 21.61 | / | / | 23.61 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 21.67 | / | / | 23.67 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 21.42 | / | / | 23.42 | / | / | <=30 | Pass |
|                 | 3765 | Edge_1RB_Left   | 20.31 | / | / | 22.31 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 20.15 | / | / | 22.15 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 21.43 | / | / | 23.43 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 21.85 | / | / | 23.85 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3735 | Edge_1RB_Left   | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.96 | / | / | 21.96 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 20.32 | / | / | 22.32 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 21.33 | / | / | 23.33 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 21.09 | / | / | 23.09 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 20.85 | / | / | 22.85 | / | / | <=30 | Pass |
|                 | 3750 | Edge_1RB_Left   | 20.21 | / | / | 22.21 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.98 | / | / | 21.98 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 20.16 | / | / | 22.16 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 21.23 | / | / | 23.23 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 20.91 | / | / | 22.91 | / | / | <=30 | Pass |
|                 | 3765 | Edge_1RB_Left   | 20.32 | / | / | 22.32 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 20.18 | / | / | 22.18 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 20.11 | / | / | 22.11 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 20.96 | / | / | 22.96 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 21.26 | / | / | 23.26 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3735 | Edge_1RB_Left   | 19.67 | / | / | 21.67 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.49 | / | / | 21.49 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.83 | / | / | 21.83 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.91 | / | / | 21.91 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.63 | / | / | 21.63 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.48 | / | / | 21.48 | / | / | <=30 | Pass |
|                 | 3750 | Edge_1RB_Left   | 19.81 | / | / | 21.81 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.56 | / | / | 21.56 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.69 | / | / | 21.69 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.82 | / | / | 21.82 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.54 | / | / | 21.54 | / | / | <=30 | Pass |
|                 | 3765 | Edge_1RB_Left   | 19.89 | / | / | 21.89 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.75 | / | / | 21.75 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.62 | / | / | 21.62 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.49 | / | / | 21.49 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.91 | / | / | 21.91 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.77 | / | / | 21.77 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3735 | Edge_1RB_Left   | 16.52 | / | / | 18.52 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 16.36 | / | / | 18.36 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 16.83 | / | / | 18.83 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 17.00 | / | / | 19.00 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 16.55 | / | / | 18.55 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 16.38 | / | / | 18.38 | / | / | <=30 | Pass |
|                 | 3750 | Edge_1RB_Left   | 16.68 | / | / | 18.68 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 16.44 | / | / | 18.44 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 16.71 | / | / | 18.71 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 16.73 | / | / | 18.73 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 16.67 | / | / | 18.67 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 16.42 | / | / | 18.42 | / | / | <=30 | Pass |
|                 | 3765 | Edge_1RB_Left   | 16.76 | / | / | 18.76 | / | / | <=30 | Pass |

|                                                                                  |  |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|--|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |  | Edge 1RB Right  | 16.59 | / | / | 18.59 | / | / | <=30 | Pass |
|                                                                                  |  | Outer Full      | 16.65 | / | / | 18.65 | / | / | <=30 | Pass |
|                                                                                  |  | Inner Full      | 16.49 | / | / | 18.49 | / | / | <=30 | Pass |
|                                                                                  |  | Inner 1RB Left  | 16.80 | / | / | 18.80 | / | / | <=30 | Pass |
|                                                                                  |  | Inner 1RB Right | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |  |                 |       |   |   |       |   |   |      |      |

### 1.1.10 30k\_SISO\_80MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 80MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Edge 1RB Left   | 22.60                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.46                | /    | /   | 24.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.65                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.30                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.93                | /    | /   | 24.93     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 22.68                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.59                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.65                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.19                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.21                | /    | /   | 25.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.04                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                     | 3759.99         | Edge 1RB Left   | 22.73                | /    | /   | 24.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.70                | /    | /   | 24.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.61                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.02                | /    | /   | 25.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.27                | /    | /   | 25.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.16                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3740.01         | Edge 1RB Left   | 22.20                | /    | /   | 24.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.97                | /    | /   | 23.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.16                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.30                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.92                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 22.14                | /    | /   | 24.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.12                | /    | /   | 24.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.16                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                     | 3759.99         | Edge 1RB Left   | 22.25                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.20                | /    | /   | 24.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.17                | /    | /   | 24.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 22.97                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.20                | /    | /   | 25.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3740.01         | Edge 1RB Left   | 21.20                | /    | /   | 23.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.02                | /    | /   | 23.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 21.18                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 22.28                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.13                | /    | /   | 24.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 22.00                | /    | /   | 24.00     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge 1RB Left   | 21.27                | /    | /   | 23.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.17                | /    | /   | 23.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 21.18                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 22.14 | / | / | 24.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.19 | / | / | 24.19 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.08 | / | / | 24.08 | / | / | <=30 | Pass |
|                    | 3759.99 | Edge_1RB_Left   | 21.34 | / | / | 23.34 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.25 | / | / | 23.25 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.15 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.99 | / | / | 23.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.26 | / | / | 24.26 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.13 | / | / | 24.13 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3740.01 | Edge_1RB_Left   | 20.75 | / | / | 22.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.60 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.79 | / | / | 22.79 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.70 | / | / | 22.70 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.60 | / | / | 22.60 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.93 | / | / | 22.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.63 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.69 | / | / | 22.69 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.79 | / | / | 22.79 | / | / | <=30 | Pass |
|                    | 3759.99 | Edge_1RB_Left   | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.76 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.56 | / | / | 22.56 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.54 | / | / | 22.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.88 | / | / | 22.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.80 | / | / | 22.80 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3740.01 | Edge_1RB_Left   | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.32 | / | / | 20.32 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.73 | / | / | 20.73 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.92 | / | / | 20.92 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.44 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.31 | / | / | 20.31 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.51 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.71 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.74 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.48 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.38 | / | / | 20.38 | / | / | <=30 | Pass |
|                    | 3759.99 | Edge_1RB_Left   | 18.61 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.52 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.65 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.62 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.54 | / | / | 20.54 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3740.01 | Edge_1RB_Left   | 19.98 | / | / | 21.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.88 | / | / | 21.88 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.79 | / | / | 23.79 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.47 | / | / | 23.47 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.09 | / | / | 22.09 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.97 | / | / | 21.97 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.20 | / | / | 22.20 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.60 | / | / | 23.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.66 | / | / | 23.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.50 | / | / | 23.50 | / | / | <=30 | Pass |
|                    | 3759.99 | Edge_1RB_Left   | 20.15 | / | / | 22.15 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.17 | / | / | 22.17 | / | / | <=30 | Pass |



Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.11 30k\_SISO\_90MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 90MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Edge_1RB_Left   | 22.60                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.55                | /    | /   | 24.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.60                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.27                | /    | /   | 25.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.06                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge_1RB_Left   | 22.65                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.66                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.64                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     | 3754.98         | Edge_1RB_Left   | 22.63                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.61                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.65                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.09                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.10                | /    | /   | 25.10     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Edge_1RB_Left   | 22.16                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.08                | /    | /   | 24.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.23                | /    | /   | 24.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.30                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.08                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge_1RB_Left   | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.11                | /    | /   | 24.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.16                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.04                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                     | 3754.98         | Edge_1RB_Left   | 22.12                | /    | /   | 24.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.16                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.09                | /    | /   | 24.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.04                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.11                | /    | /   | 25.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.06                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Edge_1RB_Left   | 21.17                | /    | /   | 23.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.15                | /    | /   | 23.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 21.17                | /    | /   | 23.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 22.23                | /    | /   | 24.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.13                | /    | /   | 24.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.05                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     | 3750            | Edge_1RB_Left   | 21.22                | /    | /   | 23.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.19                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 21.16                | /    | /   | 23.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.15                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.05                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     | 3754.98         | Edge_1RB_Left   | 21.14                | /    | /   | 23.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.18                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.04 | / | / | 24.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.11 | / | / | 24.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.12 | / | / | 24.12 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3745.02 | Edge_1RB_Left   | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.67 | / | / | 22.67 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.68 | / | / | 22.68 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.70 | / | / | 22.70 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.74 | / | / | 22.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.67 | / | / | 22.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.65 | / | / | 22.65 | / | / | <=30 | Pass |
|                    | 3754.98 | Edge_1RB_Left   | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.66 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.61 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.58 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.72 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.73 | / | / | 22.73 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3745.02 | Edge_1RB_Left   | 18.35 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.45 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.75 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.87 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.37 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.44 | / | / | 20.44 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 18.42 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.47 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.75 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.73 | / | / | 20.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.47 | / | / | 20.47 | / | / | <=30 | Pass |
|                    | 3754.98 | Edge_1RB_Left   | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 18.43 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 18.68 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 18.63 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 18.41 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 18.40 | / | / | 20.40 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3745.02 | Edge_1RB_Left   | 19.97 | / | / | 21.97 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.25 | / | / | 22.25 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.64 | / | / | 23.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.58 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.62 | / | / | 23.62 | / | / | <=30 | Pass |
|                    | 3750    | Edge_1RB_Left   | 20.00 | / | / | 22.00 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.03 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.23 | / | / | 22.23 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.65 | / | / | 23.65 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.66 | / | / | 23.66 | / | / | <=30 | Pass |
|                    | 3754.98 | Edge_1RB_Left   | 19.98 | / | / | 21.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.03 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.14 | / | / | 22.14 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.55 | / | / | 23.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.61 | / | / | 23.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.58 | / | / | 23.58 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3745.02 | Edge_1RB_Left   | 20.01 | / | / | 22.01 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |         | Edge 1RB Right  | 20.05 | / | / | 22.05 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.17 | / | / | 22.17 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 21.21 | / | / | 23.21 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 21.12 | / | / | 23.12 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 21.01 | / | / | 23.01 | / | / | <=30 | Pass |
|                                                                                  | 3750    | Edge 1RB Left   | 20.12 | / | / | 22.12 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.21 | / | / | 22.21 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 21.11 | / | / | 23.11 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 21.06 | / | / | 23.06 | / | / | <=30 | Pass |
|                                                                                  | 3754.98 | Inner 1RB Right | 21.04 | / | / | 23.04 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.08 | / | / | 22.08 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.13 | / | / | 22.13 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.16 | / | / | 22.16 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 21.07 | / | / | 23.07 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM                                                                   | 3745.02 | Inner 1RB Left  | 21.16 | / | / | 23.16 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 21.10 | / | / | 23.10 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.55 | / | / | 21.55 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.71 | / | / | 21.71 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 19.74 | / | / | 21.74 | / | / | <=30 | Pass |
|                                                                                  | 3750    | Inner Full      | 19.78 | / | / | 21.78 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.58 | / | / | 21.58 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.63 | / | / | 21.63 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.61 | / | / | 21.61 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.70 | / | / | 21.70 | / | / | <=30 | Pass |
|                                                                                  | 3754.98 | Outer Full      | 19.70 | / | / | 21.70 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 19.69 | / | / | 21.69 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.65 | / | / | 21.65 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.70 | / | / | 21.70 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.68 | / | / | 21.68 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3745.02 | Edge 1RB Right  | 19.72 | / | / | 21.72 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 19.65 | / | / | 21.65 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 19.60 | / | / | 21.60 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.69 | / | / | 21.69 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.74 | / | / | 21.74 | / | / | <=30 | Pass |
|                                                                                  | 3750    | Edge 1RB Left   | 16.49 | / | / | 18.49 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.59 | / | / | 18.59 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 16.74 | / | / | 18.74 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 16.80 | / | / | 18.80 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.53 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                  | 3754.98 | Inner 1RB Right | 16.55 | / | / | 18.55 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 16.53 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.63 | / | / | 18.63 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 16.72 | / | / | 18.72 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 16.69 | / | / | 18.69 | / | / | <=30 | Pass |
|                                                                                  | 3750    | Inner 1RB Left  | 16.60 | / | / | 18.60 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.59 | / | / | 18.59 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.58 | / | / | 18.58 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 16.67 | / | / | 18.67 | / | / | <=30 | Pass |
|                                                                                  | 3754.98 | Inner Full      | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.56 | / | / | 18.56 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.57 | / | / | 18.57 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

#### 1.1.12 30k\_SISO\_100MHz\_NTNV\_EIRP

| 5G NR n78a SCS=30kHz SISO 100MHz NTNv                                            |                 |                 |                      |      |     |           |      |     |       |         |
|----------------------------------------------------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                                                                       | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                                                                  |                 |                 | Ant10                | Ant2 | Sum | Ant10     | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                                                             | 3750            | Edge 1RB Left   | 22.57                | /    | /   | 24.57     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 22.62                | /    | /   | 24.62     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 22.72                | /    | /   | 24.72     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 23.02                | /    | /   | 25.02     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 23.12                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                                                                  | 3750            | Edge 1RB Left   | 22.07                | /    | /   | 24.07     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 22.21                | /    | /   | 24.21     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 22.21                | /    | /   | 24.21     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 23.13                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 23.05                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 23.15                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                                                                | 3750            | Edge 1RB Left   | 21.18                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 21.31                | /    | /   | 23.31     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 21.15                | /    | /   | 23.15     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 22.10                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 22.22                | /    | /   | 24.22     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 64 QAM                                                                | 3750            | Edge 1RB Left   | 20.86                | /    | /   | 22.86     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 20.77                | /    | /   | 22.77     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 20.67                | /    | /   | 22.67     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 20.64                | /    | /   | 22.64     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 20.89                | /    | /   | 22.89     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 21.03                | /    | /   | 23.03     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 256 QAM                                                               | 3750            | Edge 1RB Left   | 18.32                | /    | /   | 20.32     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 18.49                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 18.72                | /    | /   | 20.72     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 18.75                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 18.31                | /    | /   | 20.31     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 18.51                | /    | /   | 20.51     | /    | /   | <=30  | Pass    |
| CP-OFDM QPSK                                                                     | 3750            | Edge 1RB Left   | 19.93                | /    | /   | 21.93     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 20.16                | /    | /   | 22.16     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 20.21                | /    | /   | 22.21     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 21.67                | /    | /   | 23.67     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 21.65                | /    | /   | 23.65     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 21.75                | /    | /   | 23.75     | /    | /   | <=30  | Pass    |
| CP-OFDM 16 QAM                                                                   | 3750            | Edge 1RB Left   | 19.99                | /    | /   | 21.99     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 20.21                | /    | /   | 22.21     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 20.21                | /    | /   | 22.21     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 21.16                | /    | /   | 23.16     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 21.08                | /    | /   | 23.08     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 21.19                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
| CP-OFDM 64 QAM                                                                   | 3750            | Edge 1RB Left   | 19.52                | /    | /   | 21.52     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 19.77                | /    | /   | 21.77     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 19.72                | /    | /   | 21.72     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 19.69                | /    | /   | 21.69     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 19.61                | /    | /   | 21.61     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 19.76                | /    | /   | 21.76     | /    | /   | <=30  | Pass    |
| CP-OFDM 256 QAM                                                                  | 3750            | Edge 1RB Left   | 16.46                | /    | /   | 18.46     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Edge 1RB Right  | 16.60                | /    | /   | 18.60     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Outer_Full      | 16.67                | /    | /   | 18.67     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner_Full      | 16.68                | /    | /   | 18.68     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Left  | 16.48                | /    | /   | 18.48     | /    | /   | <=30  | Pass    |
|                                                                                  |                 | Inner 1RB Right | 16.61                | /    | /   | 18.61     | /    | /   | <=30  | Pass    |
| Note1: Antenna Gain: Ant10: 2.00dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                      |      |     |           |      |     |       |         |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 30k\_SISO\_100MHz

| 5G NR n78a SCS=30kHz SISO 100MHz |                 |               |            |       |                  |                       |                |         |
|----------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                  |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM QPSK                  | 3750            | Outer_Full    | 20         | LV    | -12.90           | -0.0034               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | -11.40           | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | -13.30           | -0.0035               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -20        | NV    | -14.30           | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -10        | NV    | -12.40           | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 0          | NV    | -13.00           | -0.0035               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 10         | NV    | -9.80            | -0.0026               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 20         | NV    | -7.70            | -0.0021               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 30         | NV    | -12.30           | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 40         | NV    | -10.40           | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 50         | NV    | -12.70           | -0.0034               | >=-2.5 & <=2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 30k\_SISO\_10MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 10MHz NTNv |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 8.63                | 9.42                 | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 8.64                | 9.38                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3750            | Outer_Full    | 8.59                | 9.32                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3750            | Outer_Full    | 8.64                | 9.43                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3750            | Outer_Full    | 8.60                | 9.35                 | /           | Pass    |
| CP-OFDM QPSK                         | 3750            | Outer_Full    | 8.62                | 9.37                 | /           | Pass    |
| CP-OFDM 16 QAM                       | 3750            | Outer_Full    | 8.59                | 9.29                 | /           | Pass    |
| CP-OFDM 64 QAM                       | 3750            | Outer_Full    | 10.48               | 20.71                | /           | Pass    |
| CP-OFDM 256 QAM                      | 3750            | Outer_Full    | 8.63                | 9.46                 | /           | Pass    |

#### 3.1.2 30k\_SISO\_15MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 15MHz NTNv |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 12.93               | 13.81                | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 12.95               | 13.93                | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3750            | Outer_Full    | 12.95               | 13.82                | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3750            | Outer_Full    | 13.02               | 13.96                | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3750            | Outer_Full    | 12.90               | 13.83                | /           | Pass    |
| CP-OFDM QPSK                         | 3750            | Outer_Full    | 13.65               | 14.54                | /           | Pass    |
| CP-OFDM 16 QAM                       | 3750            | Outer_Full    | 13.66               | 14.54                | /           | Pass    |

|                 |      |            |       |       |   |      |
|-----------------|------|------------|-------|-------|---|------|
| CP-OFDM 64 QAM  | 3750 | Outer_Full | 13.90 | 28.58 | / | Pass |
| CP-OFDM 256 QAM | 3750 | Outer_Full | 13.69 | 14.59 | / | Pass |

### 3.1.3 30k\_SISO\_20MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 20MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 18.02               | 19.10                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 18.05               | 19.16                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 18.03               | 19.26                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 18.08               | 19.20                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 17.99               | 19.21                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 18.29               | 19.44                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 18.37               | 19.59                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 18.38               | 19.49                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 18.26               | 19.54                | /           | Pass    |

### 3.1.4 30k\_SISO\_25MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 25MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 22.98               | 24.26                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 22.94               | 24.24                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 22.95               | 24.16                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 23.01               | 24.22                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 23.00               | 24.18                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 23.21               | 24.65                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 23.24               | 24.54                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 23.31               | 24.55                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 23.31               | 24.60                | /           | Pass    |

### 3.1.5 30k\_SISO\_30MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 30MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 27.27               | 29.35                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 27.15               | 29.38                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 27.11               | 29.37                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 27.16               | 29.42                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 27.17               | 29.44                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 28.08               | 30.42                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 28.19               | 30.44                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 28.21               | 30.27                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 28.18               | 30.53                | /           | Pass    |

### 3.1.6 30k\_SISO\_40MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 40MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |

|                      |      |            |       |       |   |      |
|----------------------|------|------------|-------|-------|---|------|
| DFT-s-OFDM PI/2 BPSK | 3750 | Outer_Full | 36.07 | 38.34 | / | Pass |
| DFT-s-OFDM QPSK      | 3750 | Outer_Full | 36.02 | 38.51 | / | Pass |
| DFT-s-OFDM 16 QAM    | 3750 | Outer_Full | 35.98 | 38.37 | / | Pass |
| DFT-s-OFDM 64 QAM    | 3750 | Outer_Full | 36.02 | 38.35 | / | Pass |
| DFT-s-OFDM 256 QAM   | 3750 | Outer_Full | 35.94 | 38.37 | / | Pass |
| CP-OFDM QPSK         | 3750 | Outer_Full | 38.10 | 40.53 | / | Pass |
| CP-OFDM 16 QAM       | 3750 | Outer_Full | 38.12 | 40.46 | / | Pass |
| CP-OFDM 64 QAM       | 3750 | Outer_Full | 38.08 | 40.53 | / | Pass |
| CP-OFDM 256 QAM      | 3750 | Outer_Full | 38.03 | 40.55 | / | Pass |

### 3.1.7 30k\_SISO\_50MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 50MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 45.77               | 48.42                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 46.00               | 48.52                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 45.90               | 48.39                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 45.97               | 48.45                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 45.93               | 48.37                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 47.63               | 50.26                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 47.64               | 50.34                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 47.66               | 50.32                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 47.69               | 50.31                | /           | Pass    |

### 3.1.8 30k\_SISO\_60MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 60MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 58.60               | 62.87                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 58.36               | 62.85                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 58.41               | 62.71                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 58.45               | 62.93                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 58.41               | 62.70                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 58.44               | 62.84                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 58.33               | 62.87                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 58.55               | 62.85                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 58.39               | 62.80                | /           | Pass    |

### 3.1.9 30k\_SISO\_70MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 70MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 64.92               | 69.35                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 64.66               | 69.45                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 64.72               | 69.33                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 64.89               | 69.35                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 64.87               | 69.26                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 68.06               | 72.62                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 67.93               | 72.59                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 68.02               | 72.59                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 68.06               | 72.62                | /           | Pass    |

### 3.1.10 30k\_SISO\_80MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 80MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 77.83               | 82.42                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 77.45               | 82.42                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 77.47               | 82.38                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 77.55               | 82.31                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 77.64               | 82.28                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 78.03               | 82.76                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 77.90               | 82.65                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 77.96               | 82.79                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 78.01               | 82.72                | /           | Pass    |

### 3.1.11 30k\_SISO\_90MHz\_NTNV

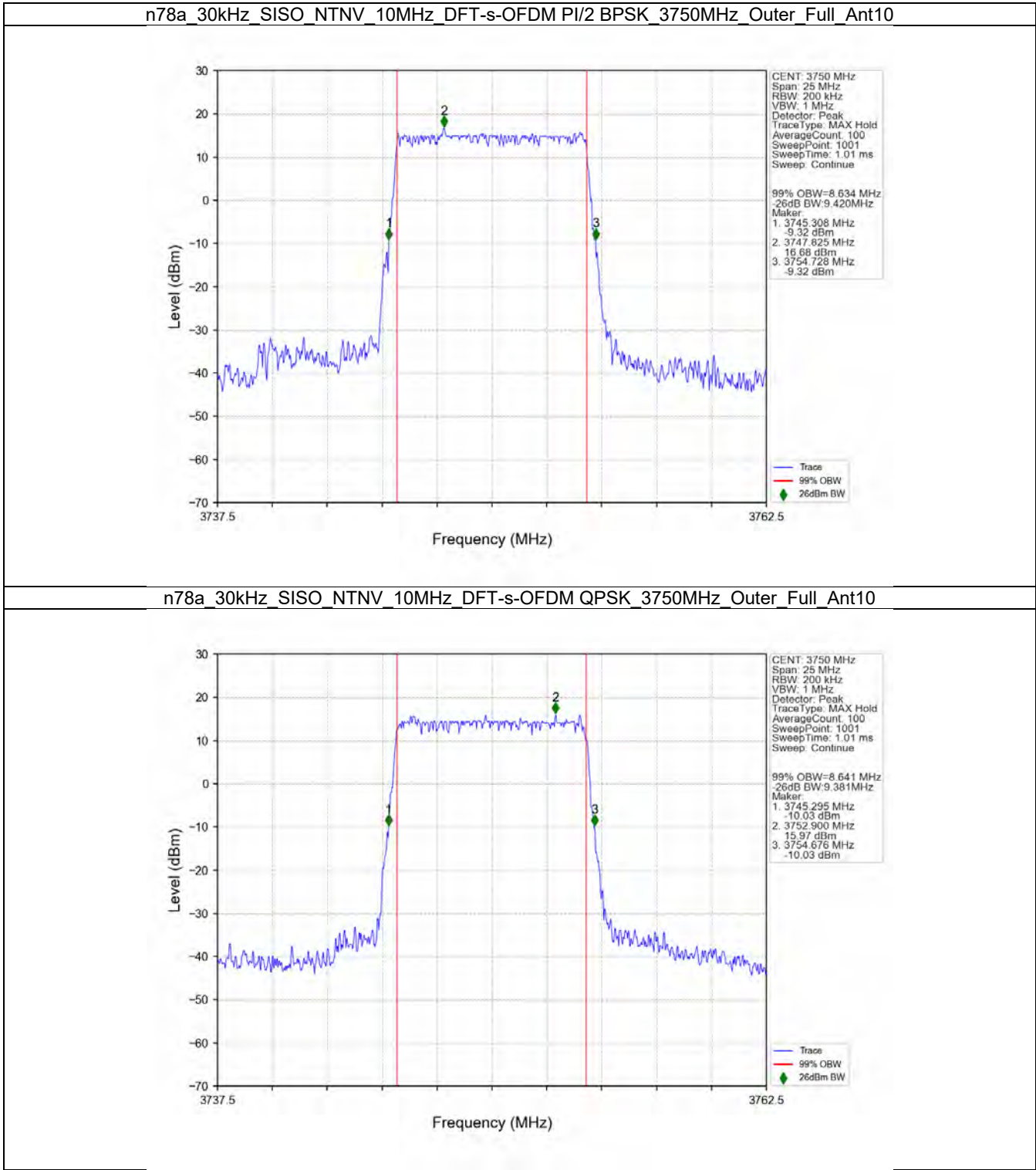
| 5G NR n78a SCS=30kHz SISO 90MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3750            | Outer_Full    | 87.31               | 92.02                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3750            | Outer_Full    | 87.00               | 92.20                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3750            | Outer_Full    | 87.11               | 92.01                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3750            | Outer_Full    | 87.24               | 92.07                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3750            | Outer_Full    | 87.26               | 92.12                | /           | Pass    |
| CP-OFDM QPSK                        | 3750            | Outer_Full    | 87.82               | 92.87                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3750            | Outer_Full    | 87.89               | 92.82                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3750            | Outer_Full    | 87.82               | 92.88                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3750            | Outer_Full    | 87.94               | 92.93                | /           | Pass    |

### 3.1.12 30k\_SISO\_100MHz\_NTNV

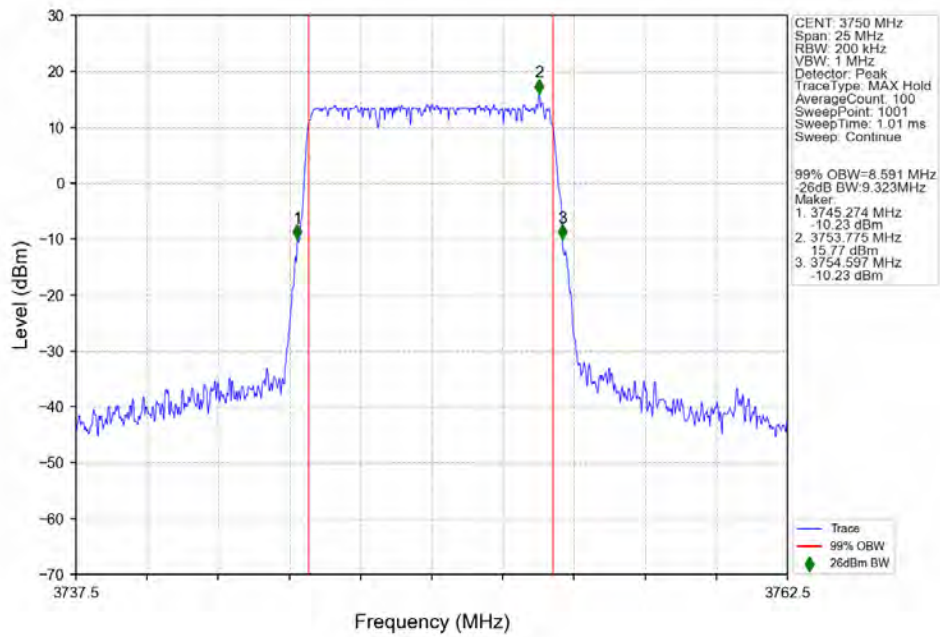
| 5G NR n78a SCS=30kHz SISO 100MHz NTN |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 96.78               | 101.90               | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 96.73               | 101.97               | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3750            | Outer_Full    | 96.71               | 101.84               | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3750            | Outer_Full    | 96.69               | 101.89               | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3750            | Outer_Full    | 96.72               | 101.96               | /           | Pass    |
| CP-OFDM QPSK                         | 3750            | Outer_Full    | 97.80               | 102.93               | /           | Pass    |
| CP-OFDM 16 QAM                       | 3750            | Outer_Full    | 97.78               | 102.93               | /           | Pass    |
| CP-OFDM 64 QAM                       | 3750            | Outer_Full    | 97.83               | 102.95               | /           | Pass    |
| CP-OFDM 256 QAM                      | 3750            | Outer_Full    | 97.77               | 103.04               | /           | Pass    |

3.2 Test Graph

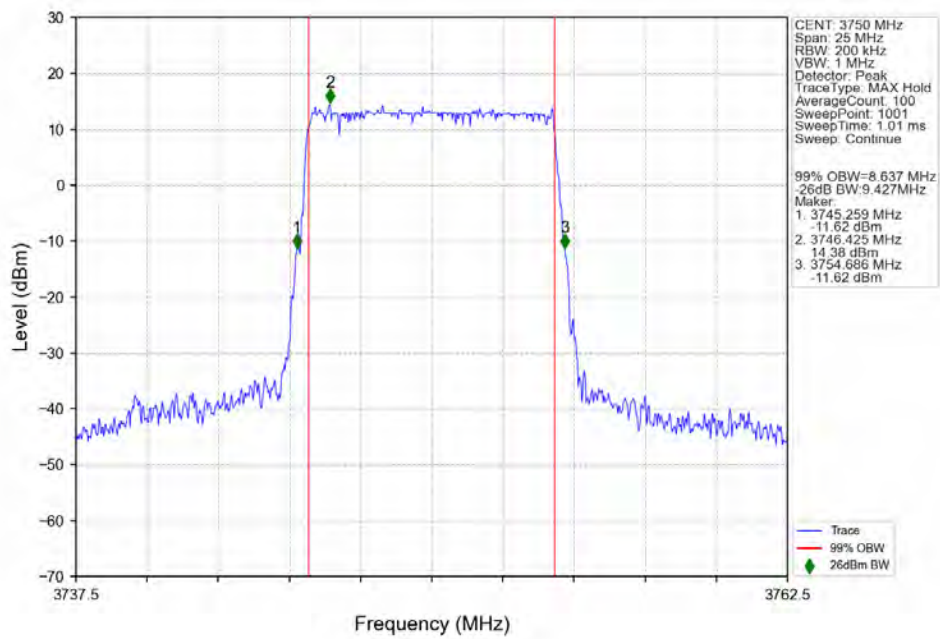
3.2.1 30k\_SISO\_10MHz\_NTNV



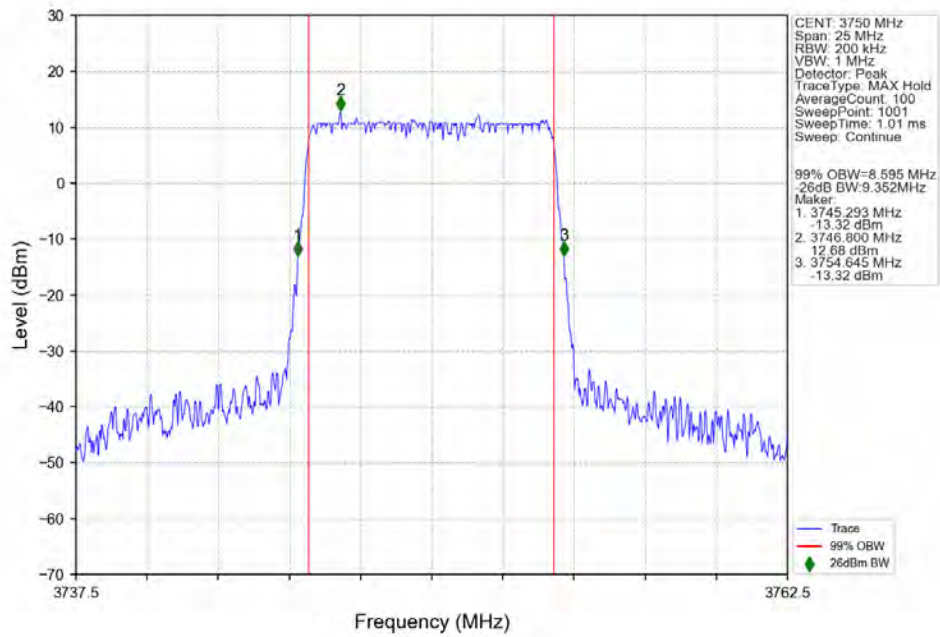
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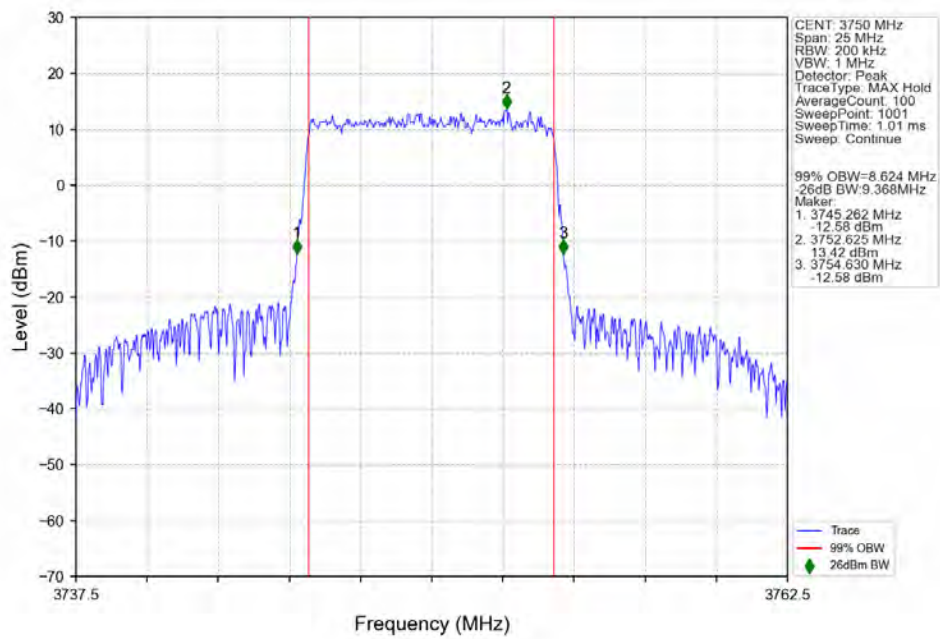
n78a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_3750MHz\_Outer\_Full\_Ant10



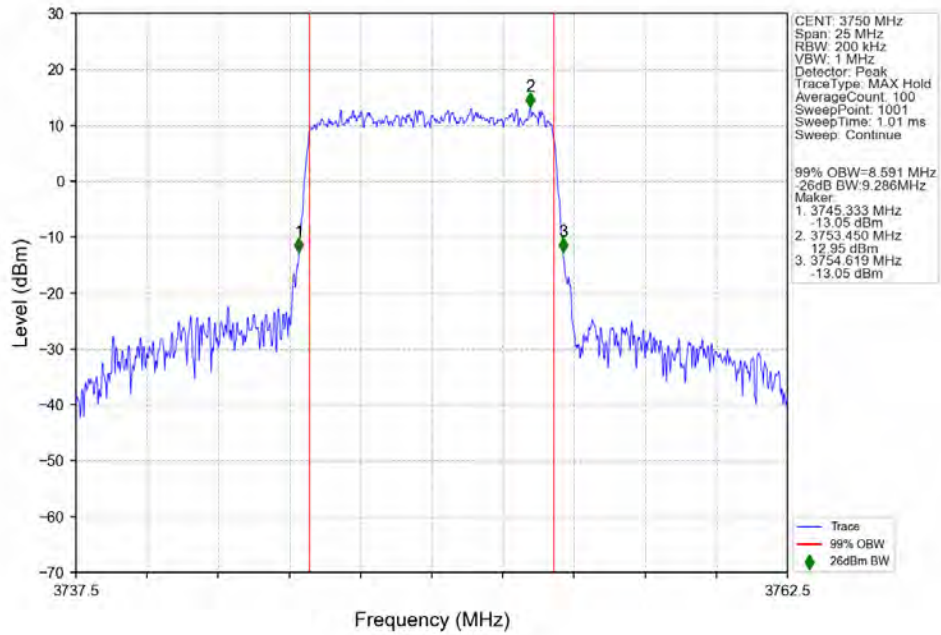
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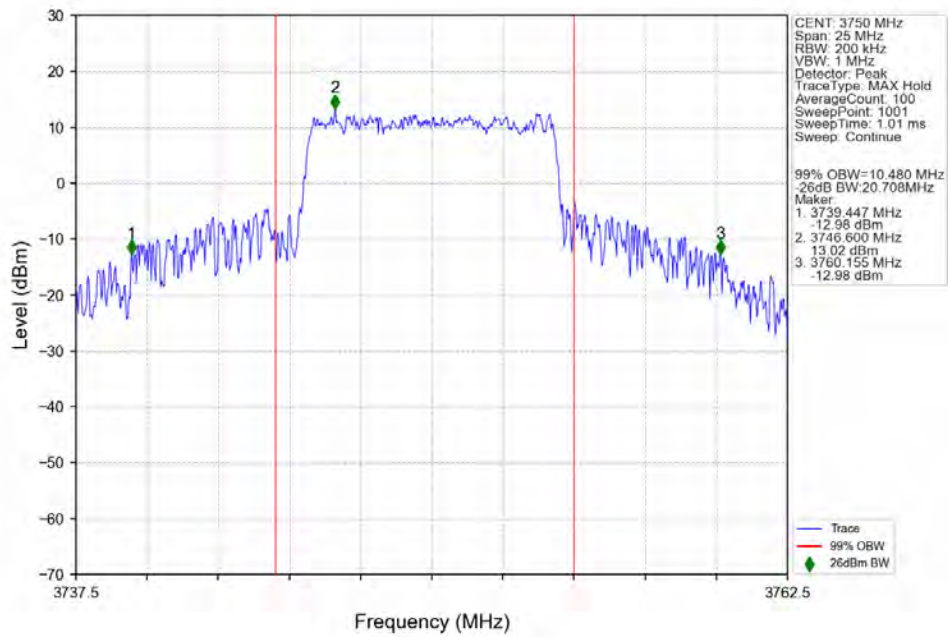
n78a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10

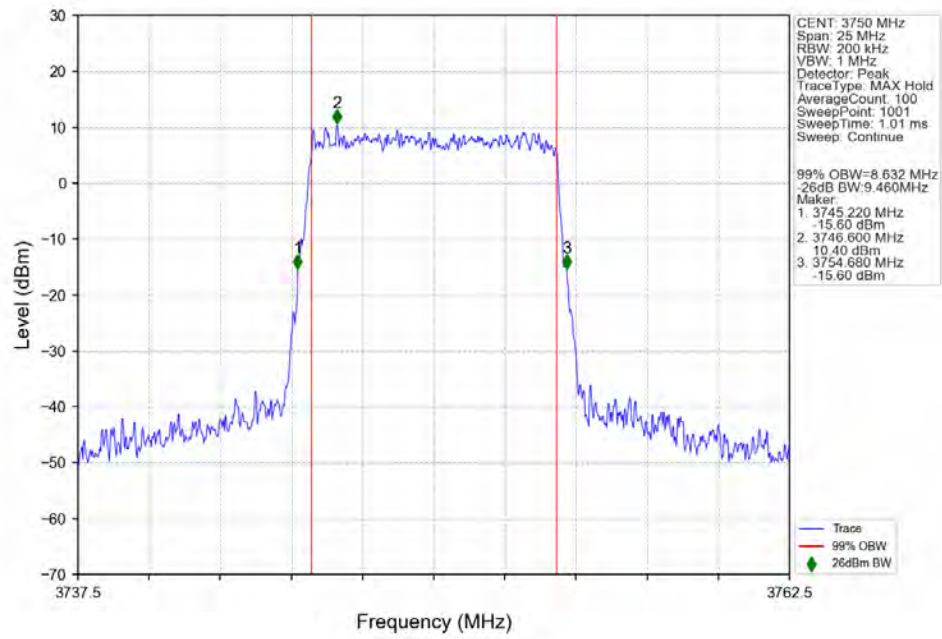


n78a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_3750MHz\_Outer\_Full\_Ant10

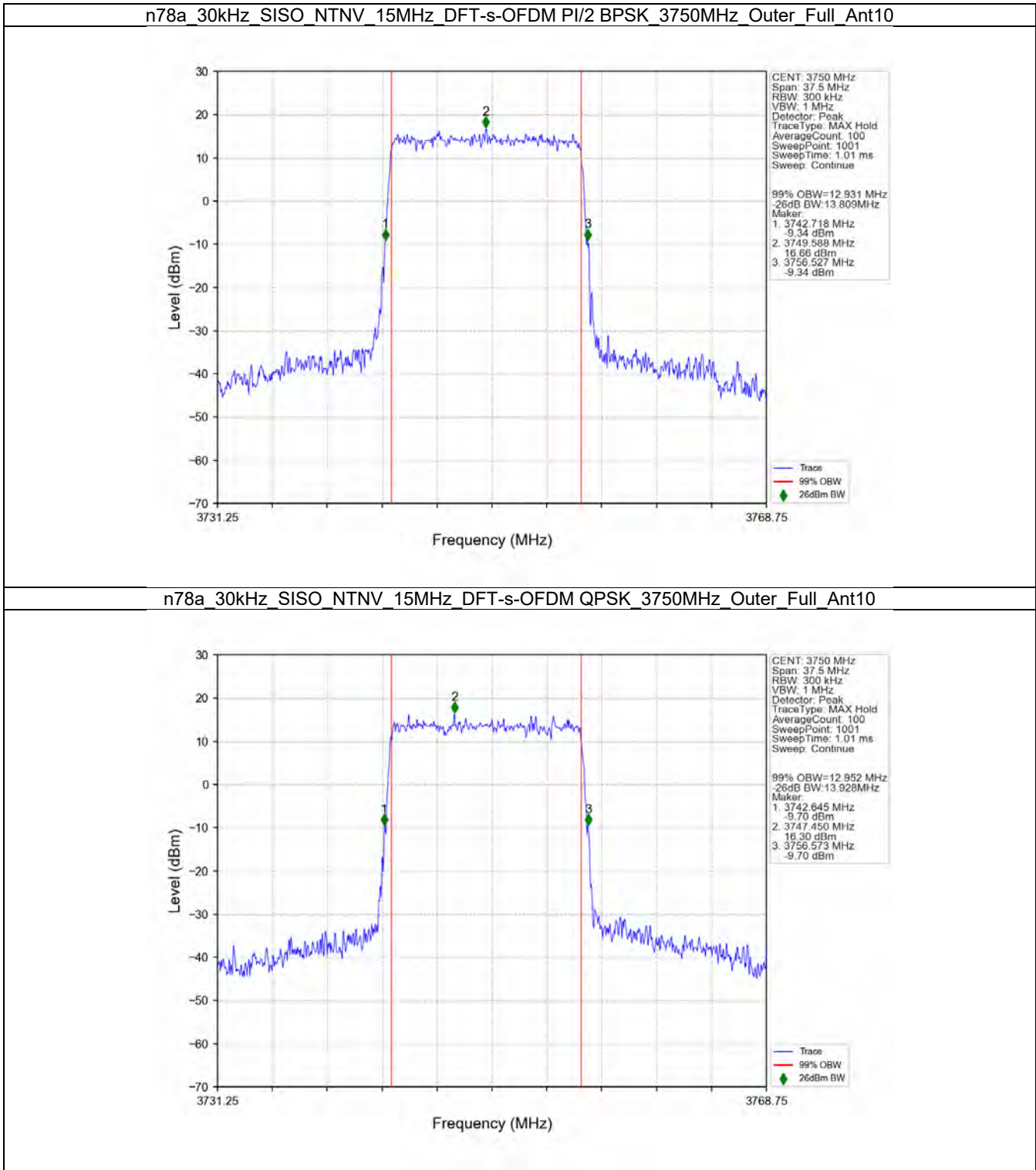


n78a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_3750MHz\_Outer\_Full\_Ant10

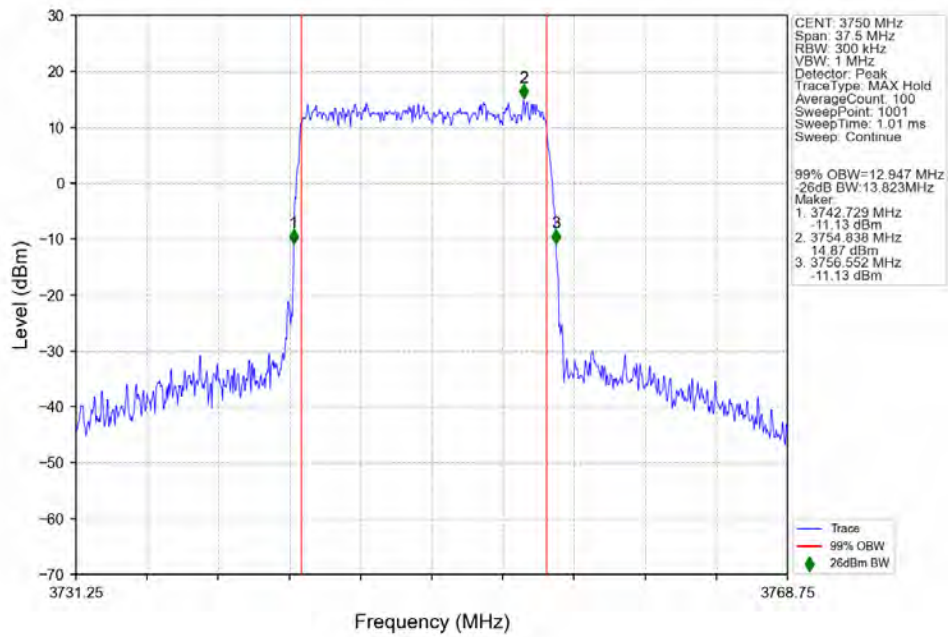




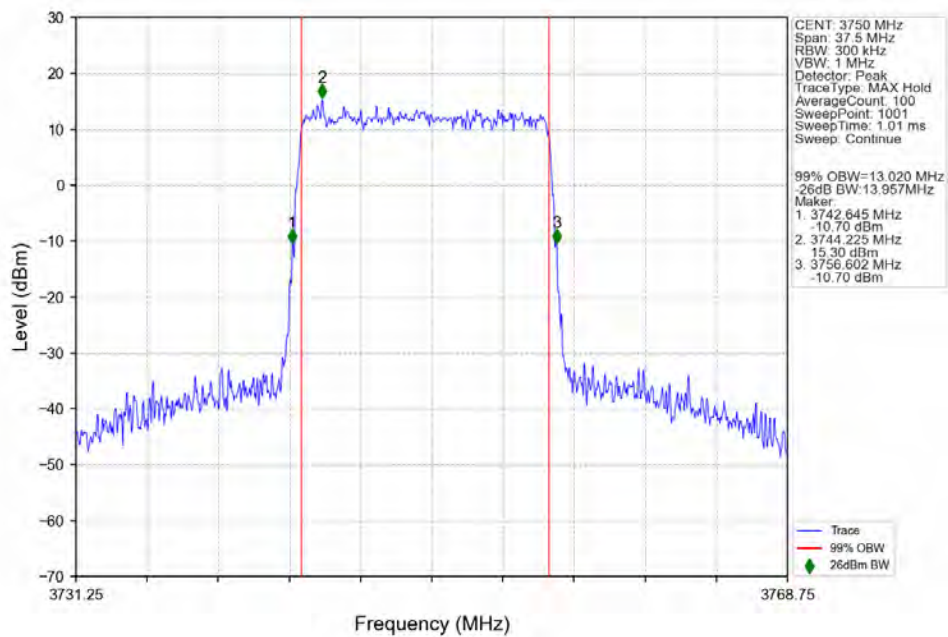
3.2.2 30k\_SISO\_15MHz\_NTNV



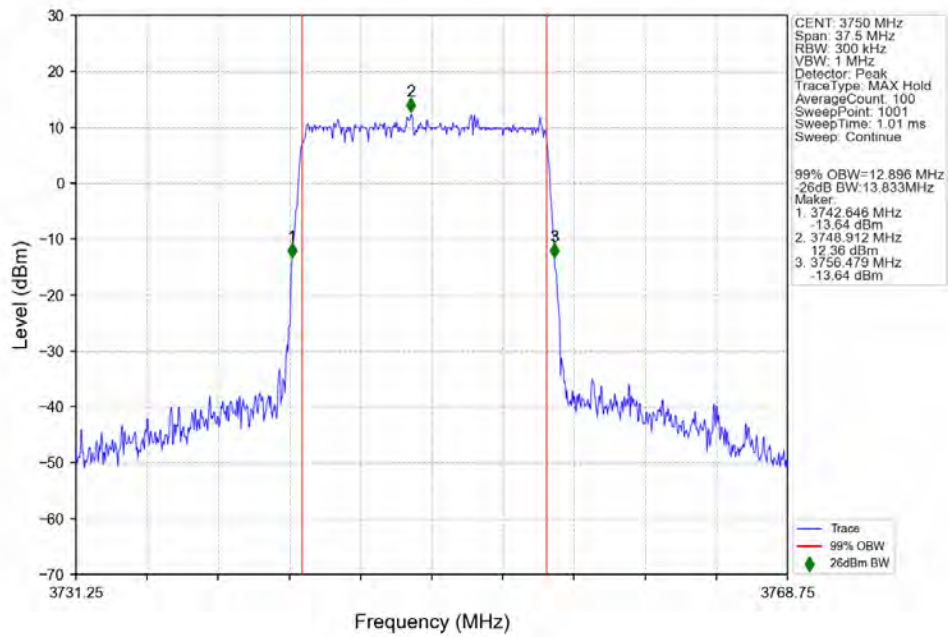
n78a\_30kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_16\_QAM\_3750MHz\_Outer\_Full\_Ant10



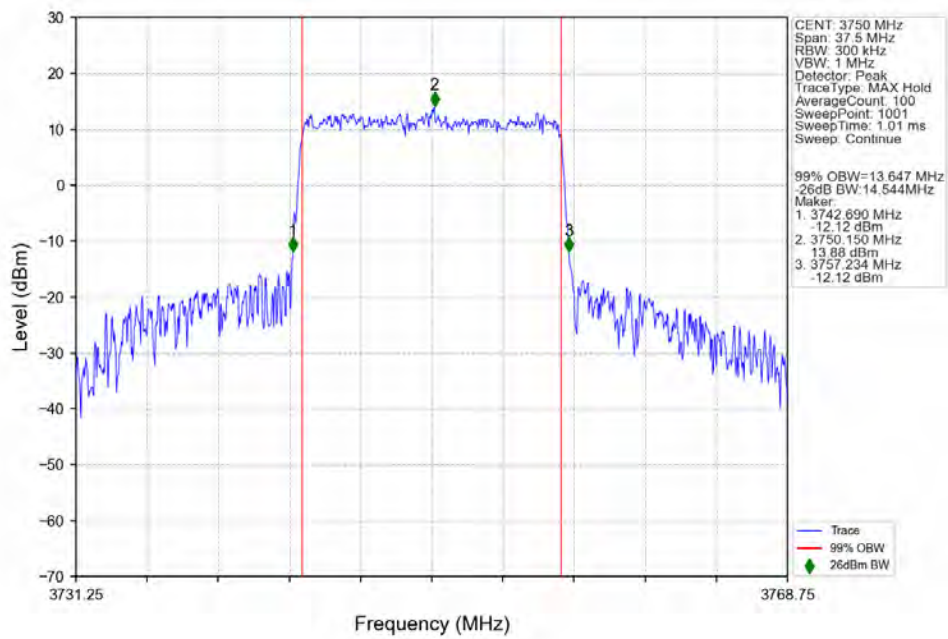
n78a\_30kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_64\_QAM\_3750MHz\_Outer\_Full\_Ant10



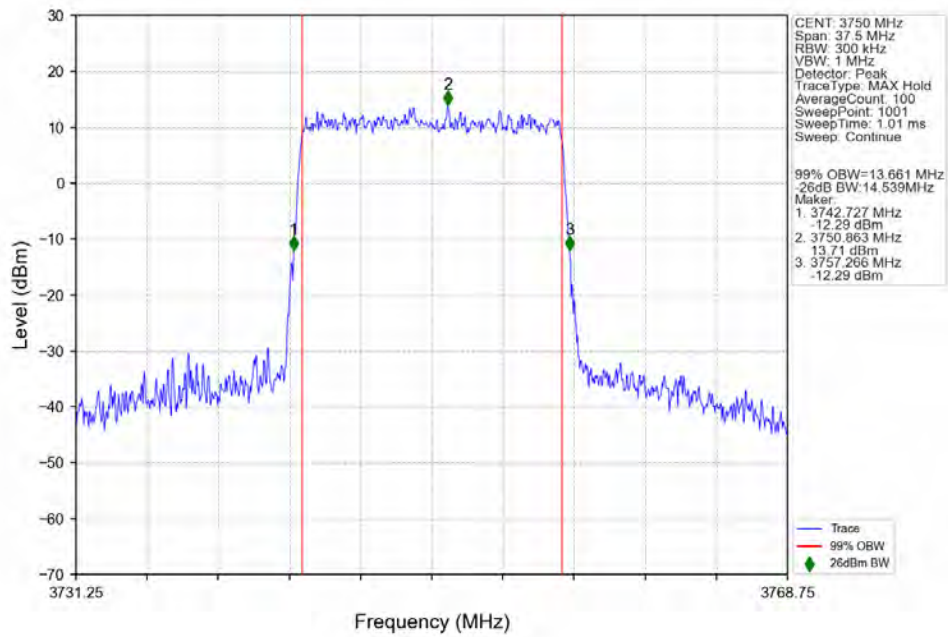
n78a\_30kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



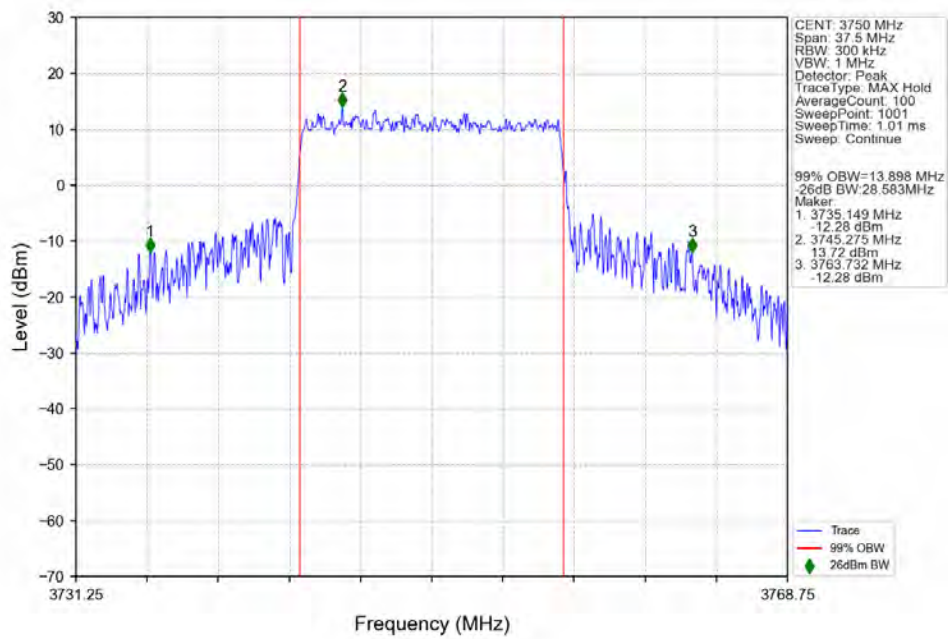
n78a\_30kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



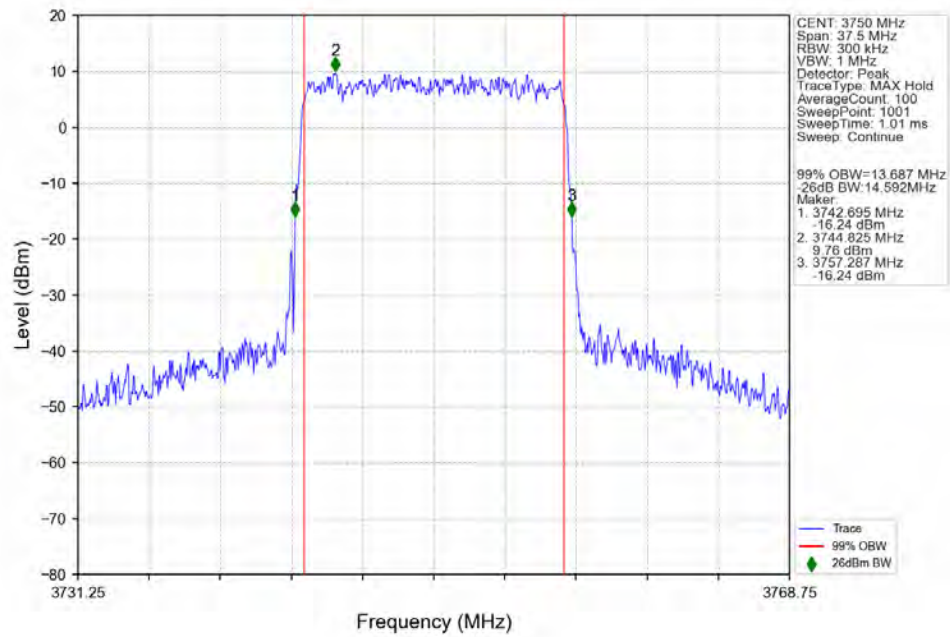
n78a\_30kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_16 QAM\_3750MHz\_Outer\_Full\_Ant10



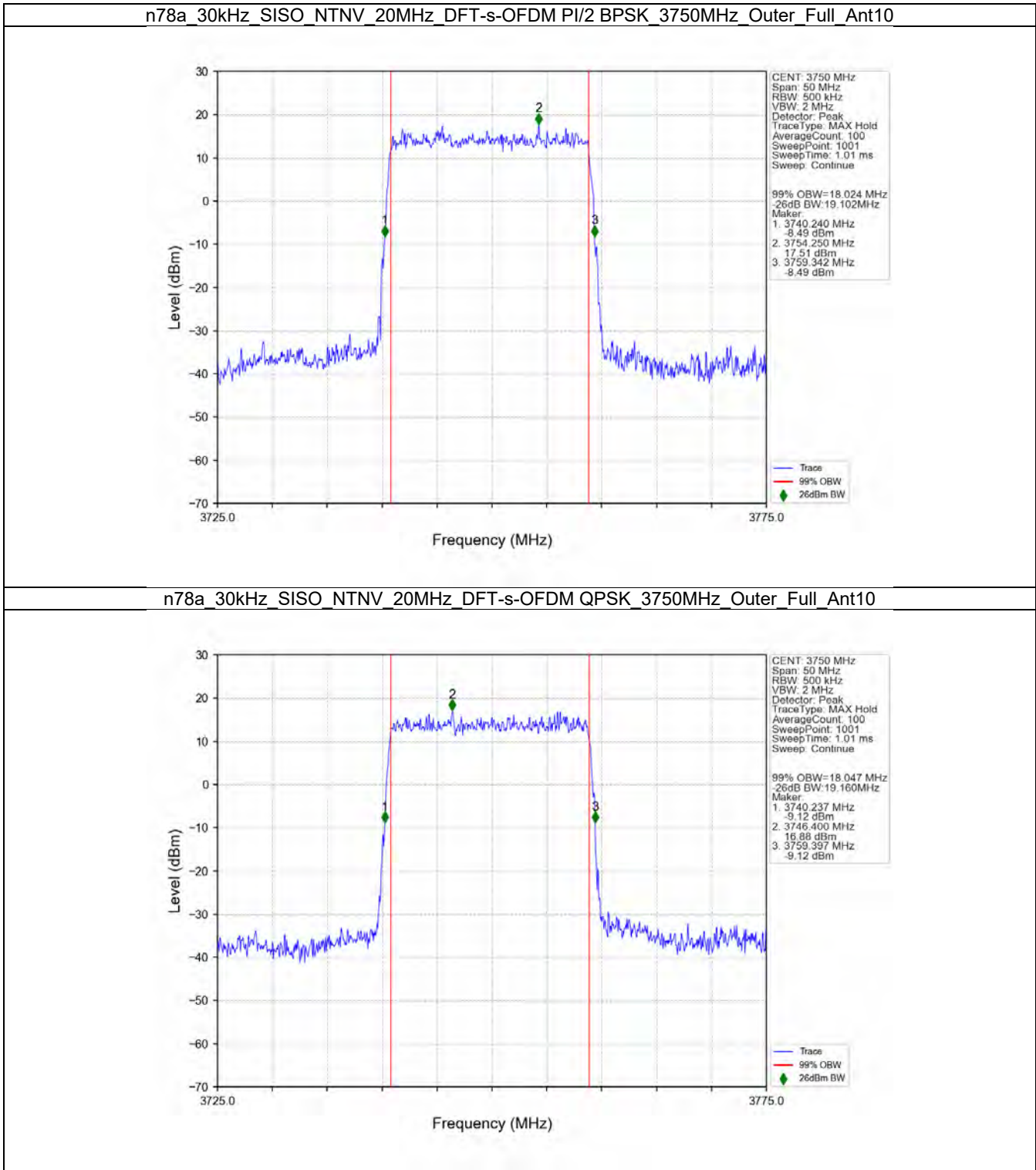
n78a\_30kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_64 QAM\_3750MHz\_Outer\_Full\_Ant10



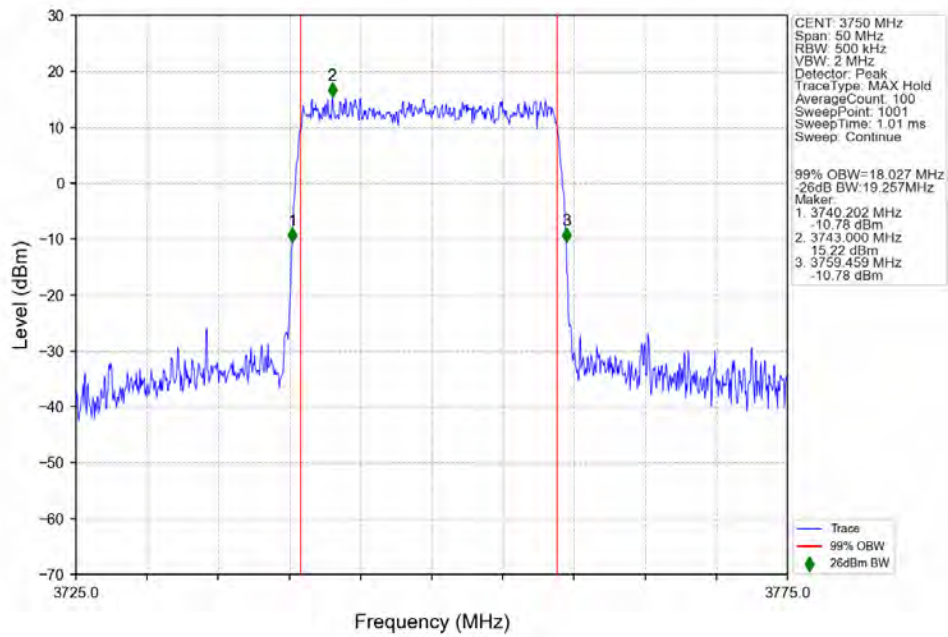
n78a\_30kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



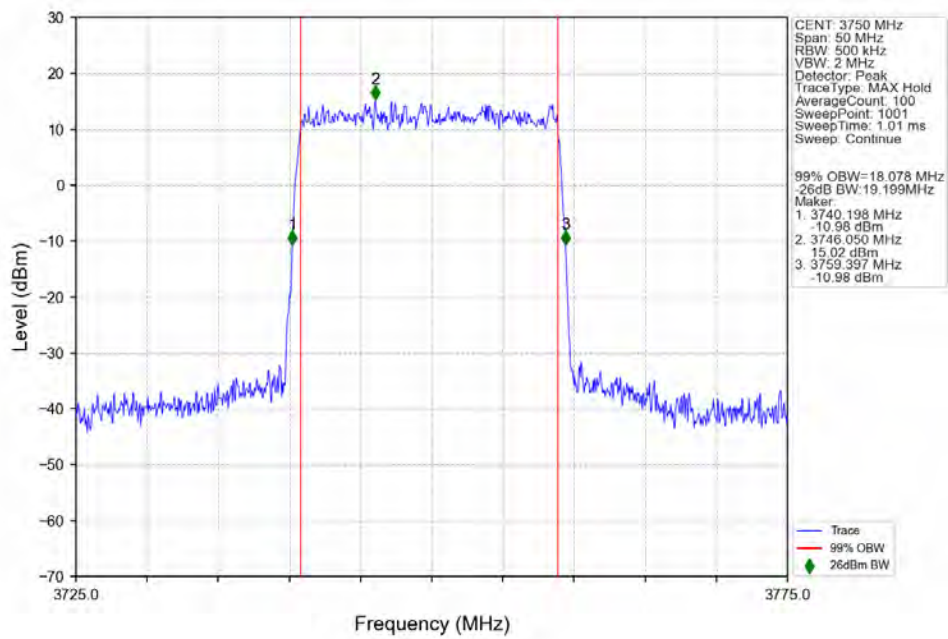
3.2.3 30k\_SISO\_20MHz\_NTNV



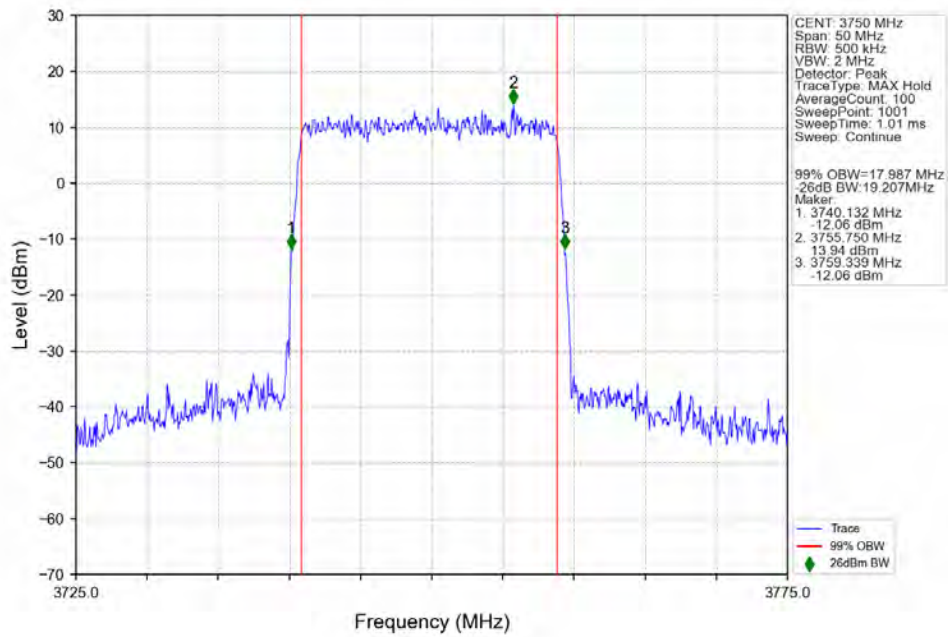
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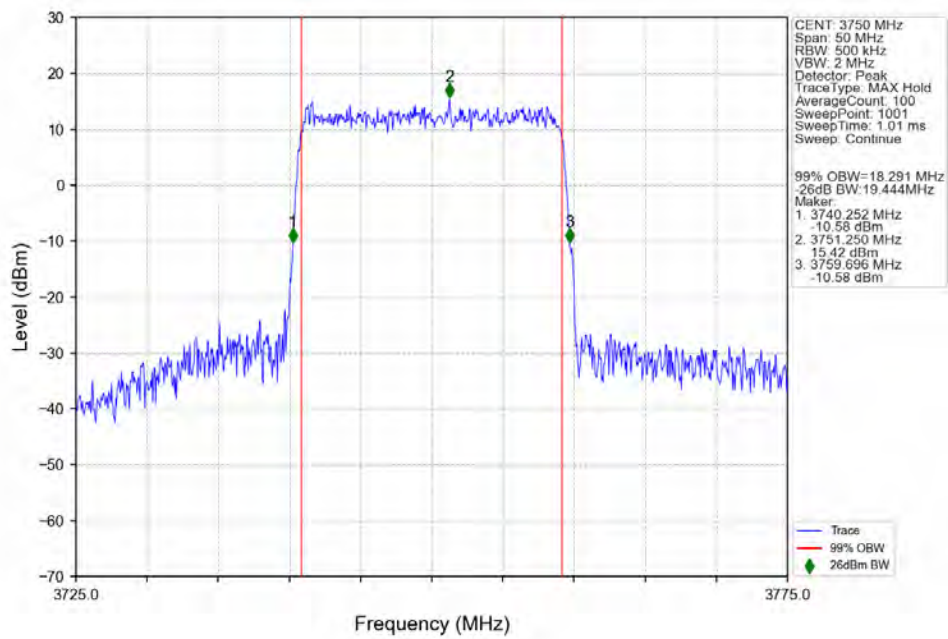
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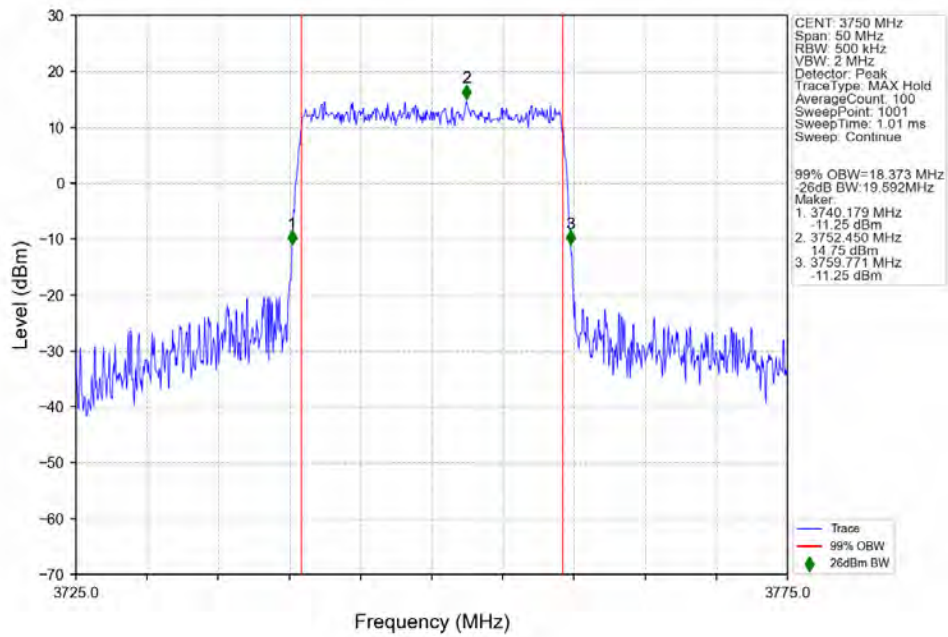
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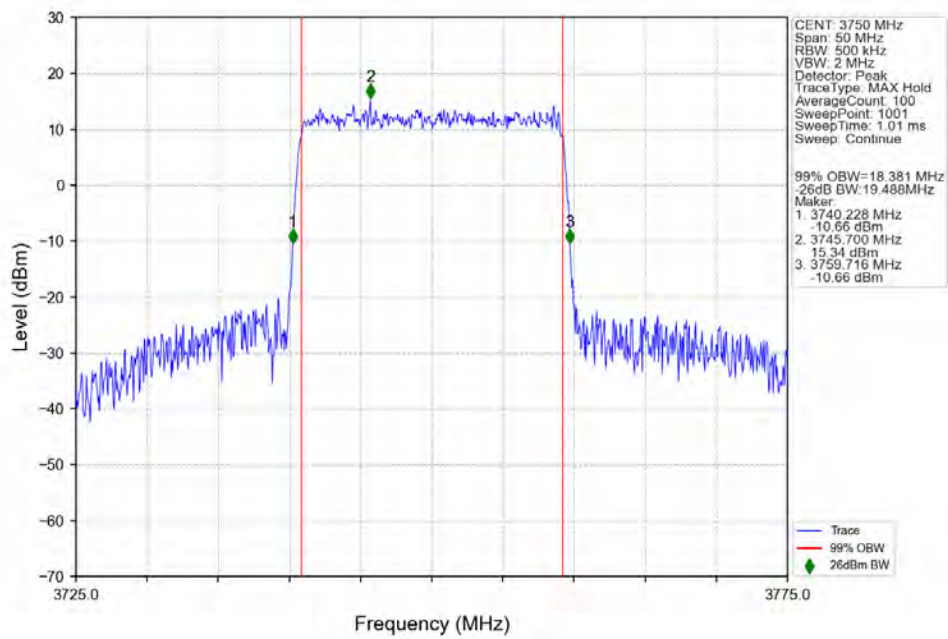
n78a\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



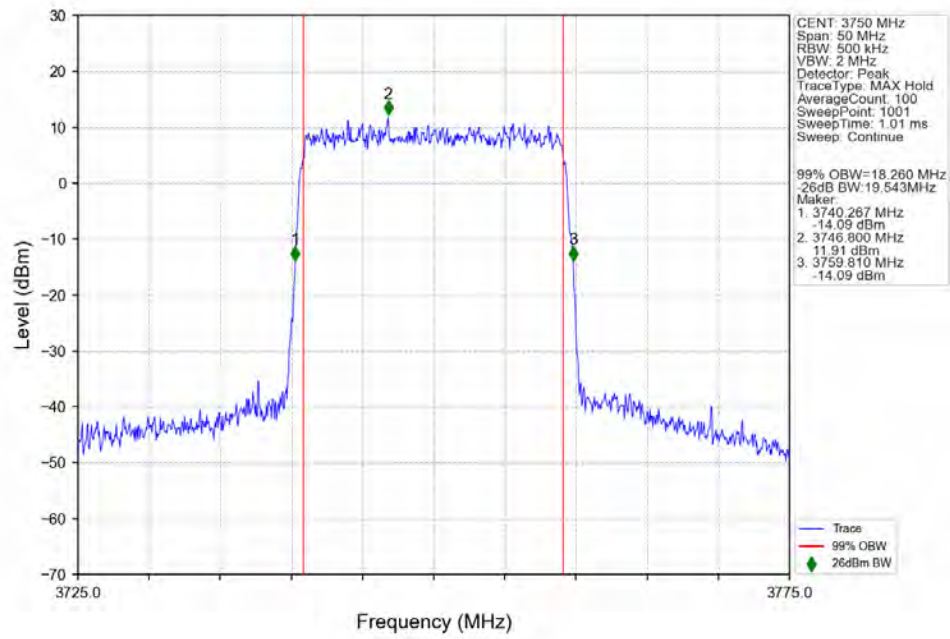
n78a\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16 QAM\_3750MHz\_Outer\_Full\_Ant10



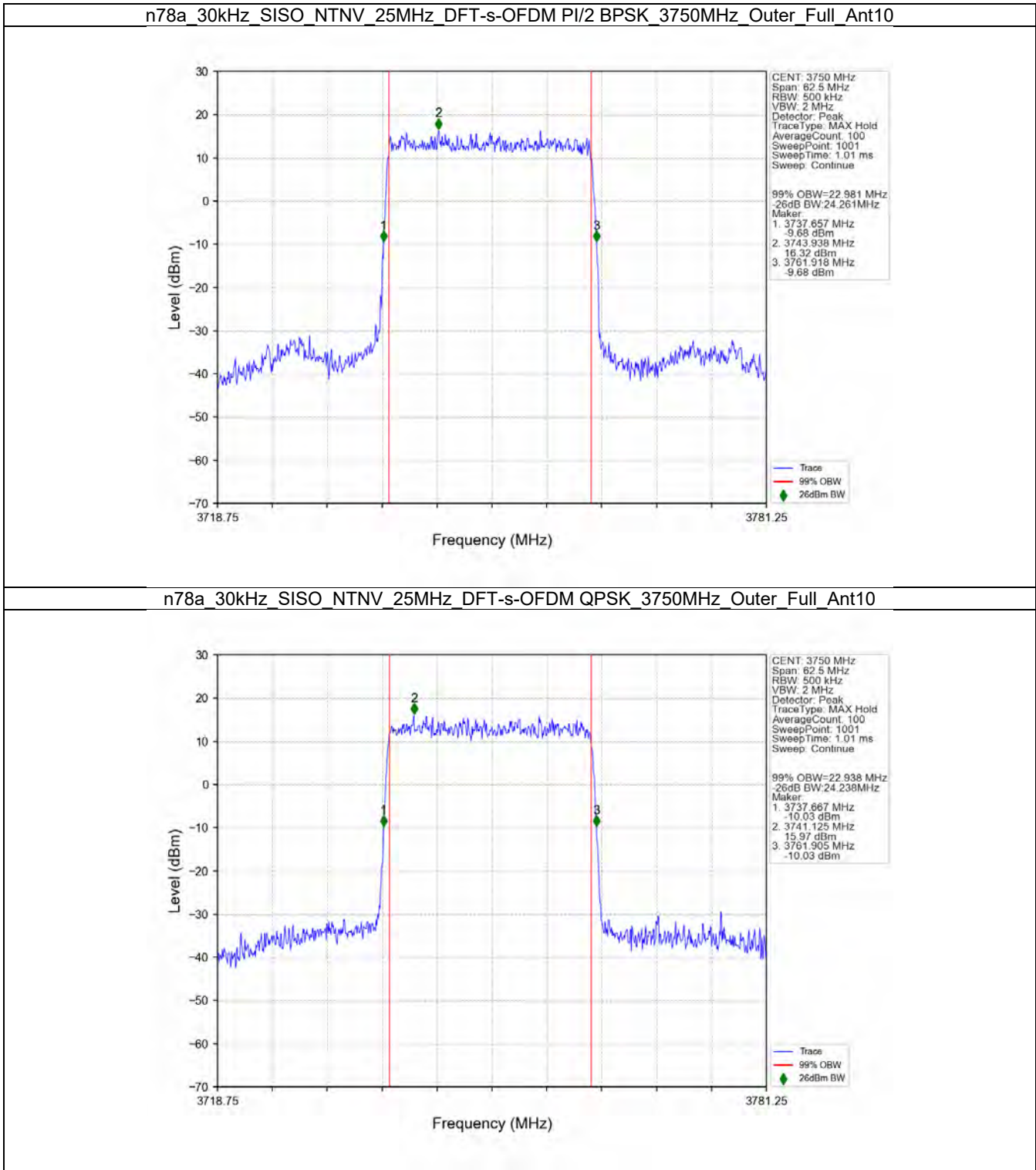
n78a\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64 QAM\_3750MHz\_Outer\_Full\_Ant10



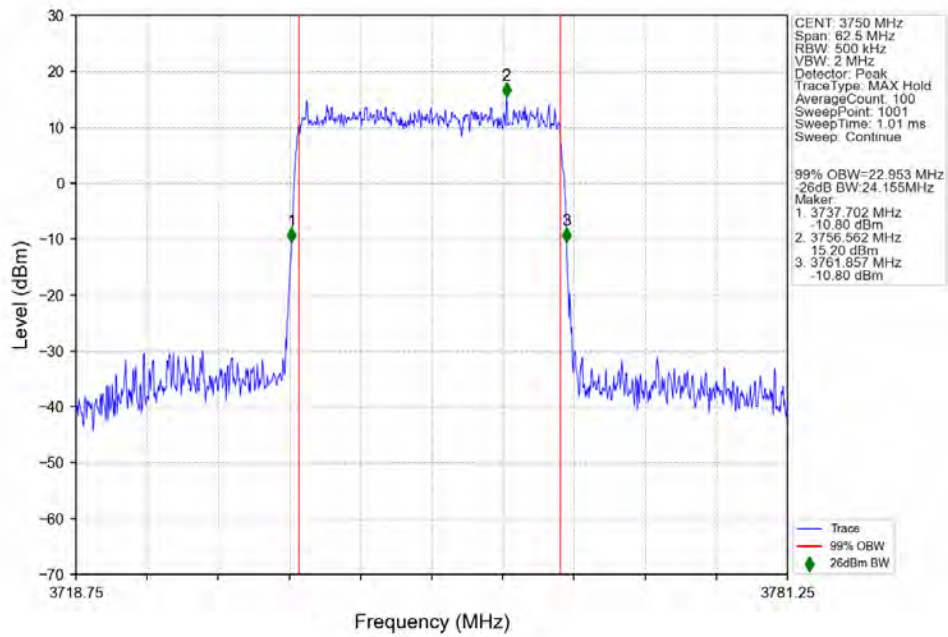
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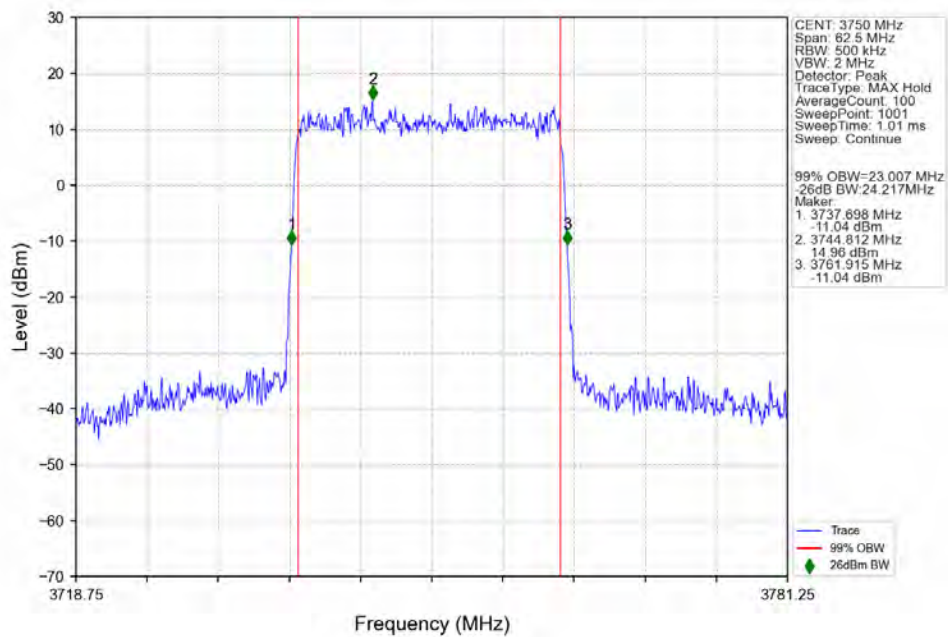
3.2.4 30k\_SISO\_25MHz\_NTNV



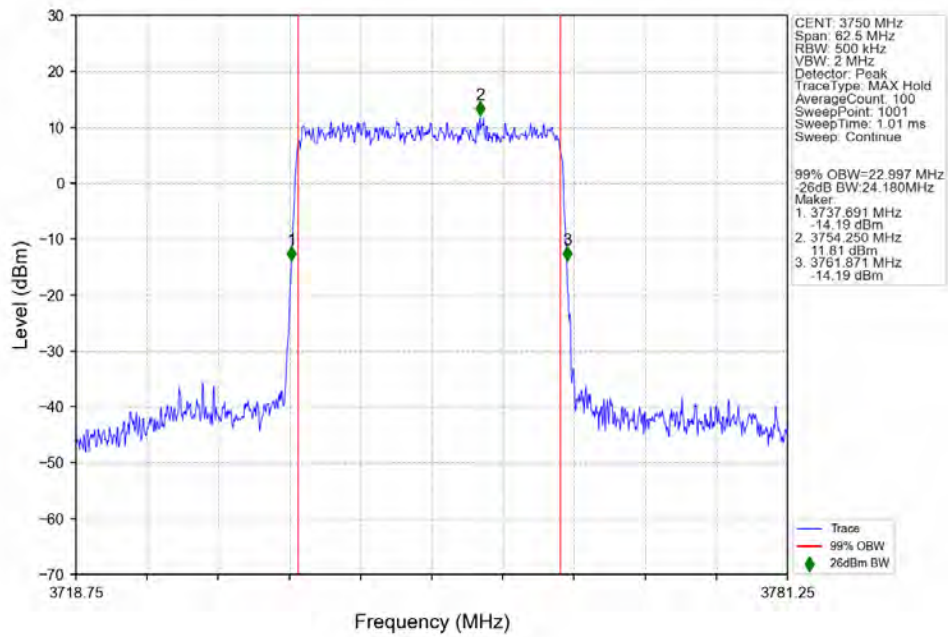
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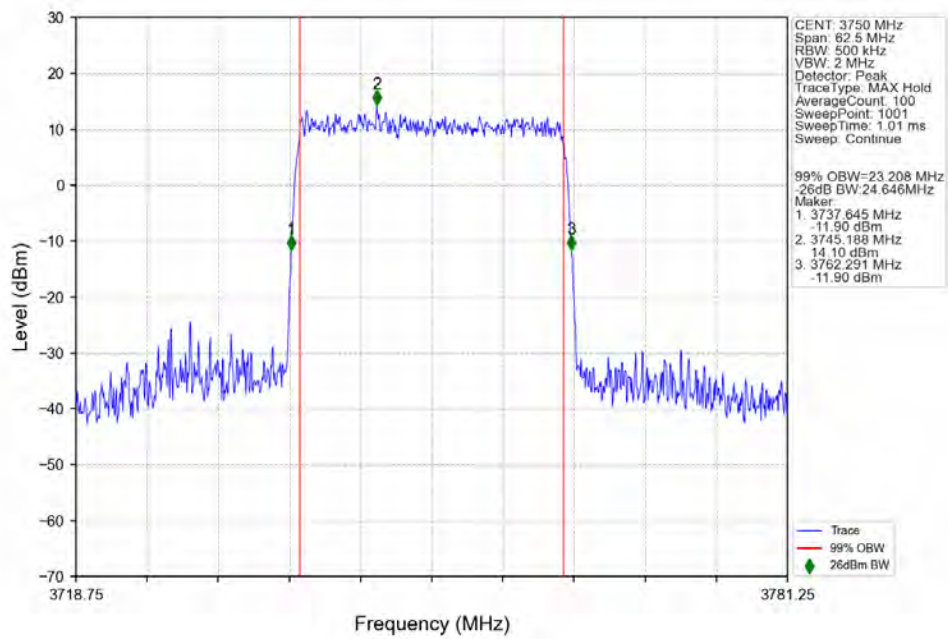
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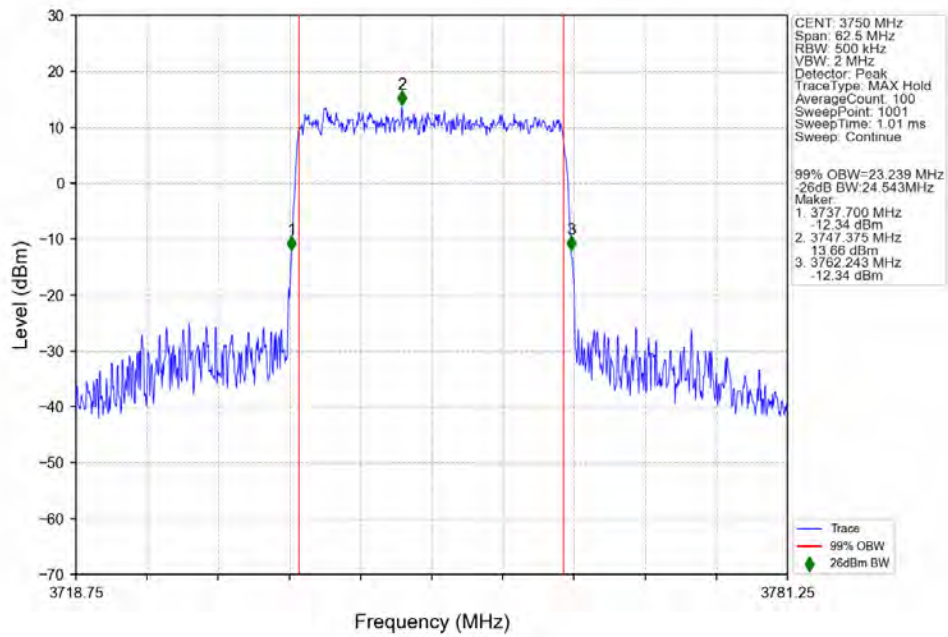
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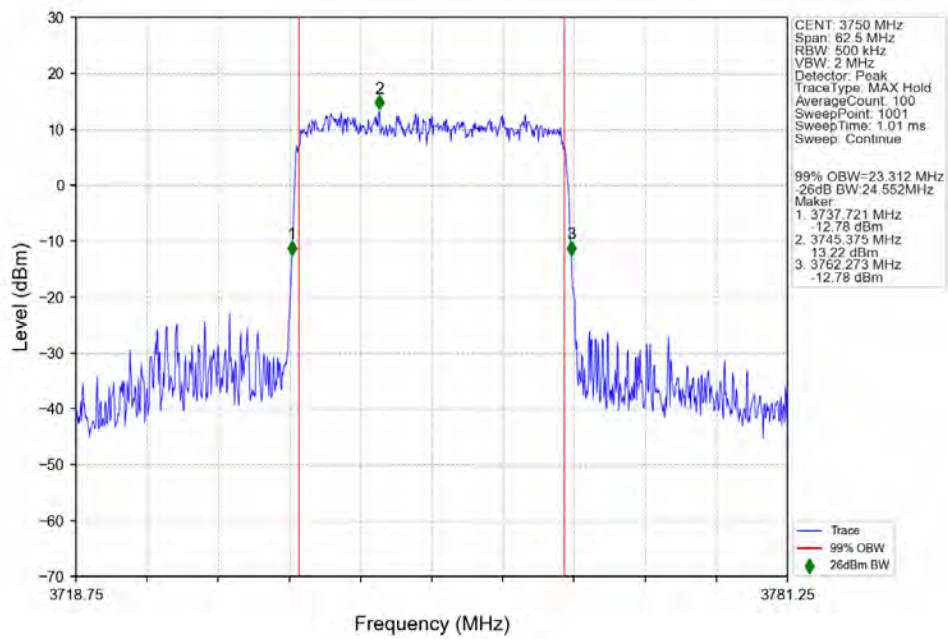
n78a\_30kHz\_SISO\_NTNV\_25MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



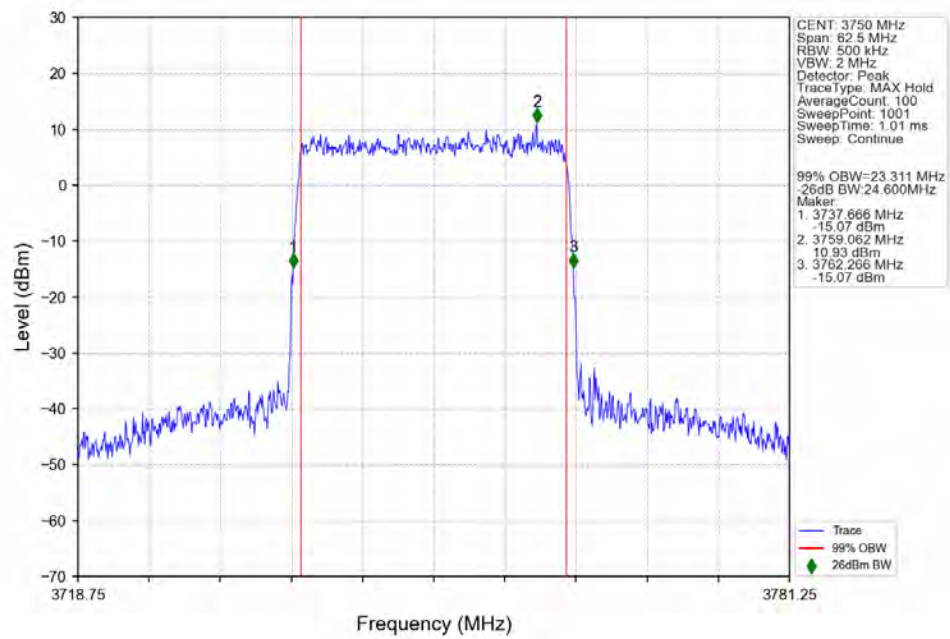
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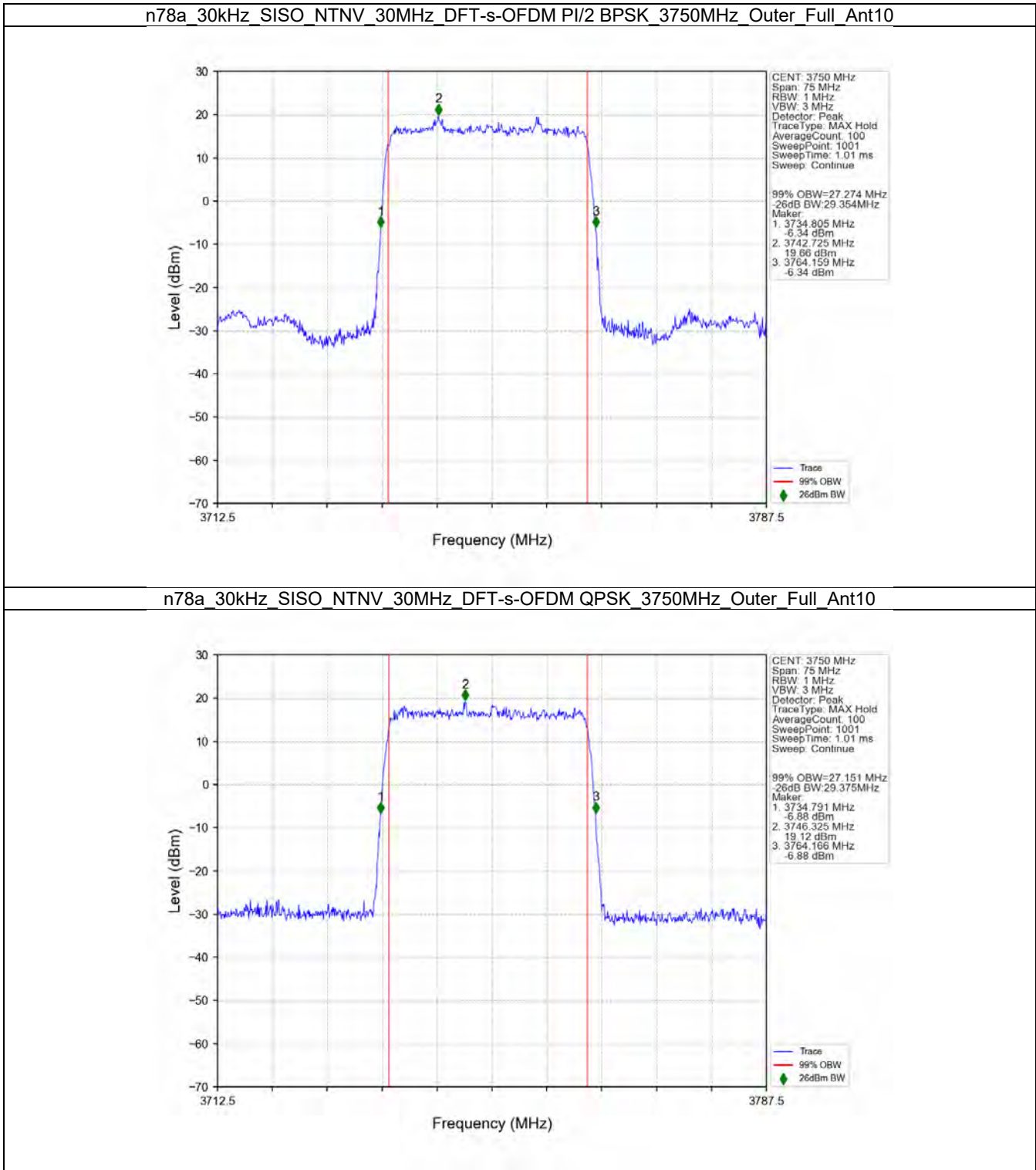
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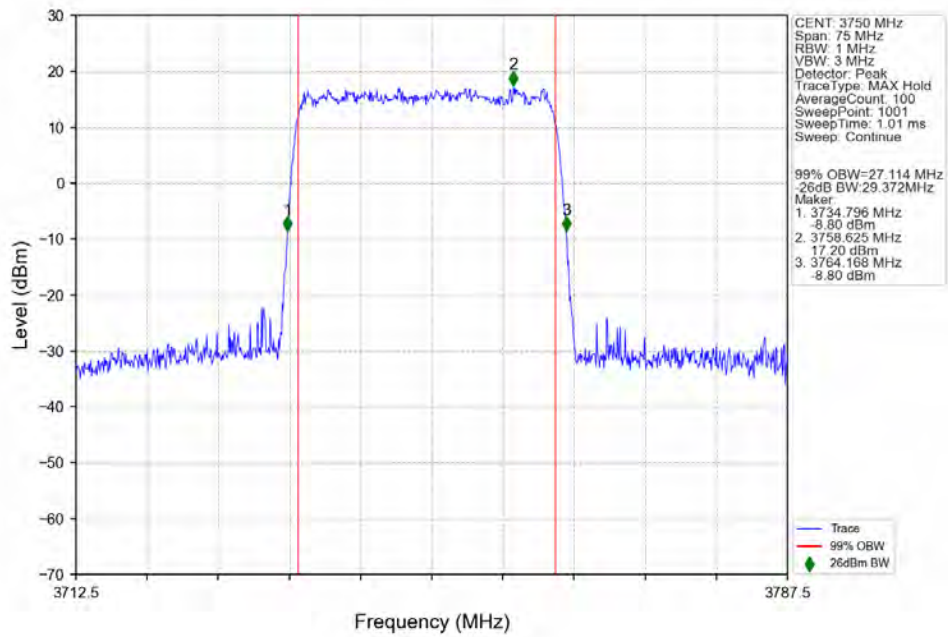
n78a\_30kHz\_SISO\_NTNV\_25MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



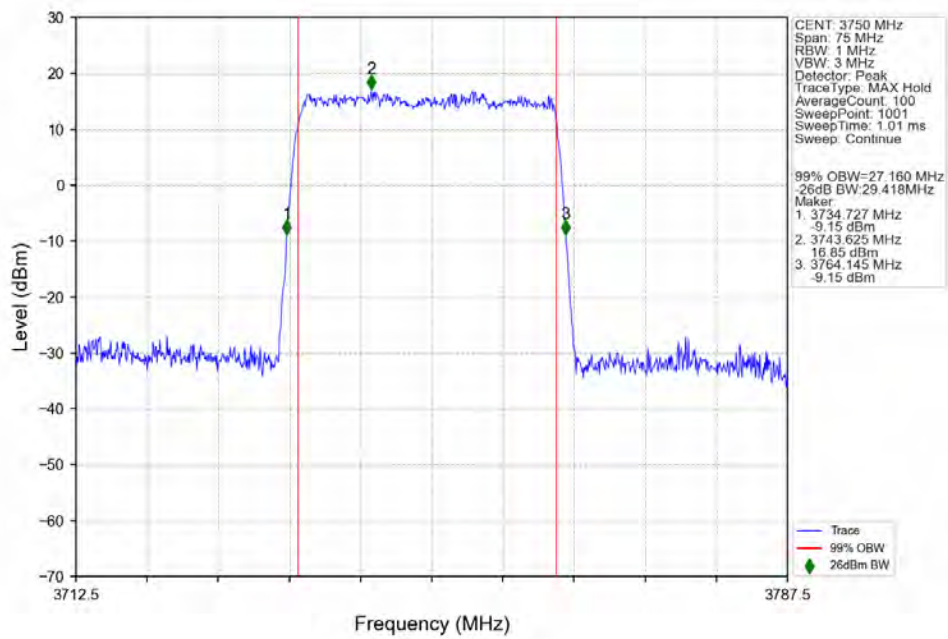
3.2.5 30k\_SISO\_30MHz\_NTNV



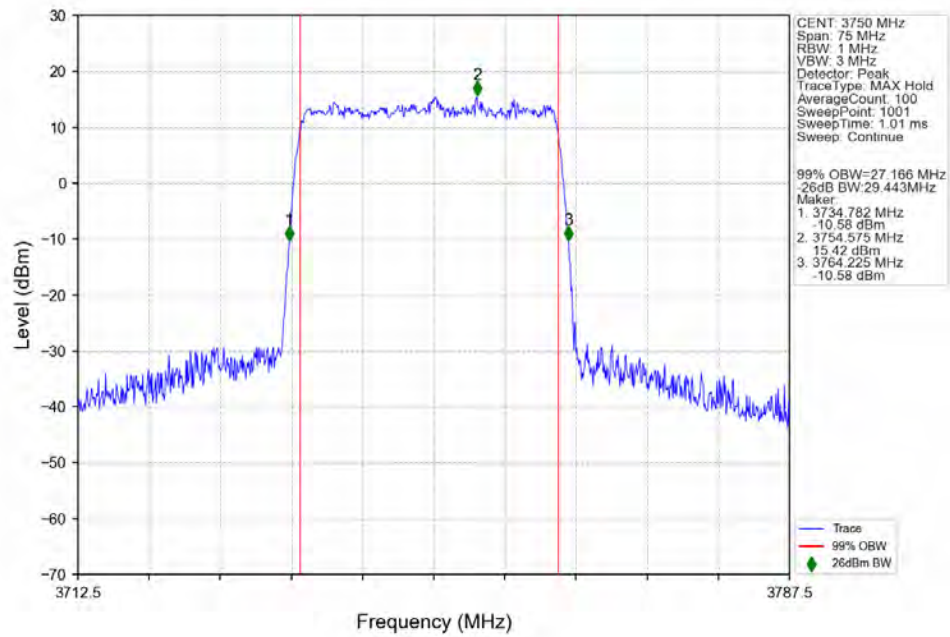
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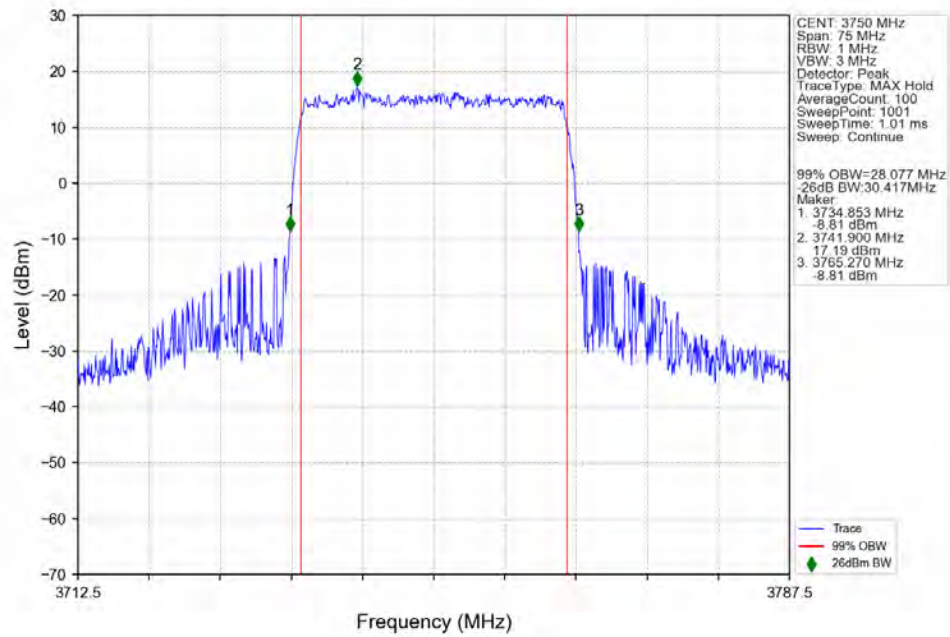
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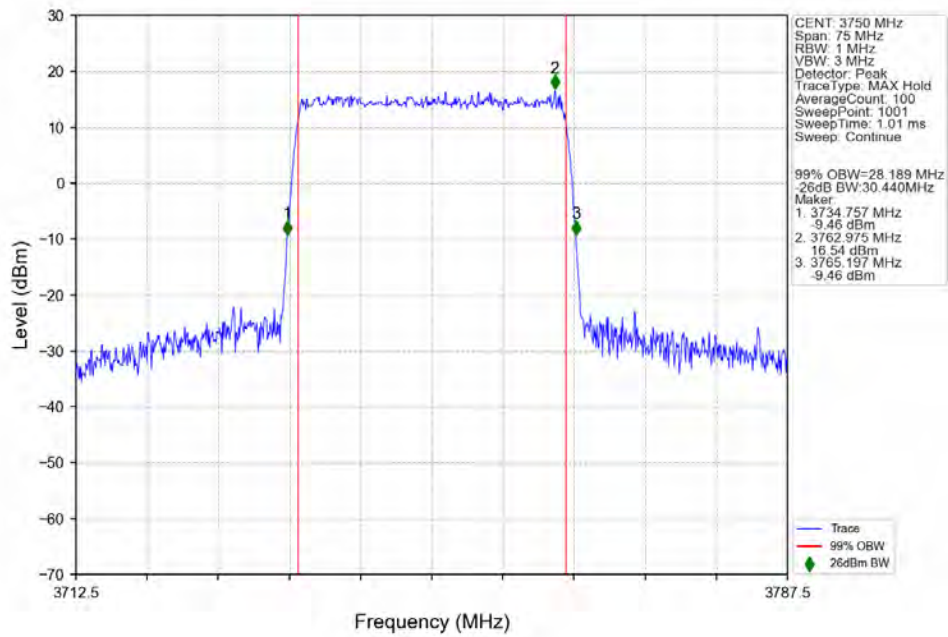
n78a\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



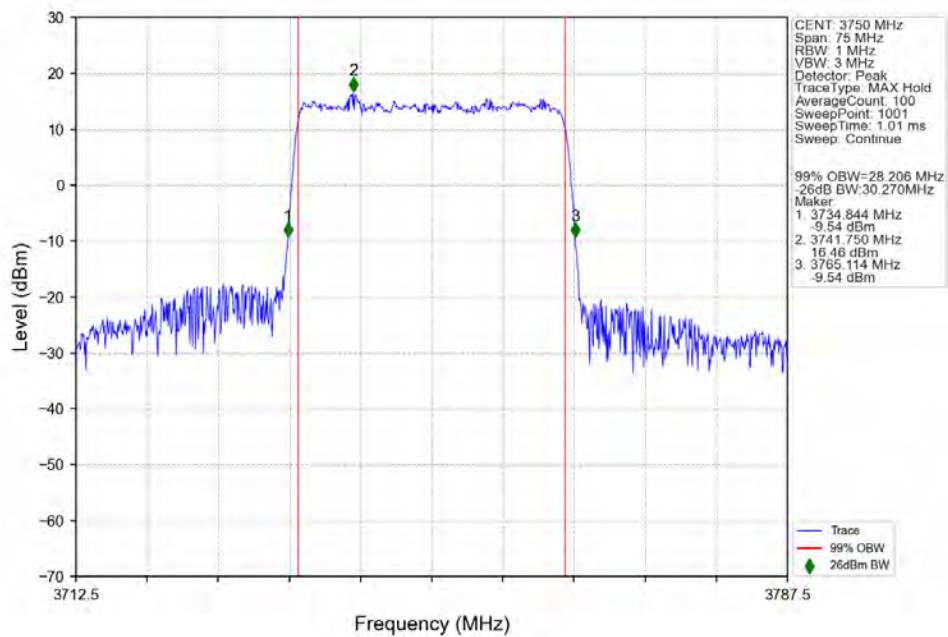
n78a\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



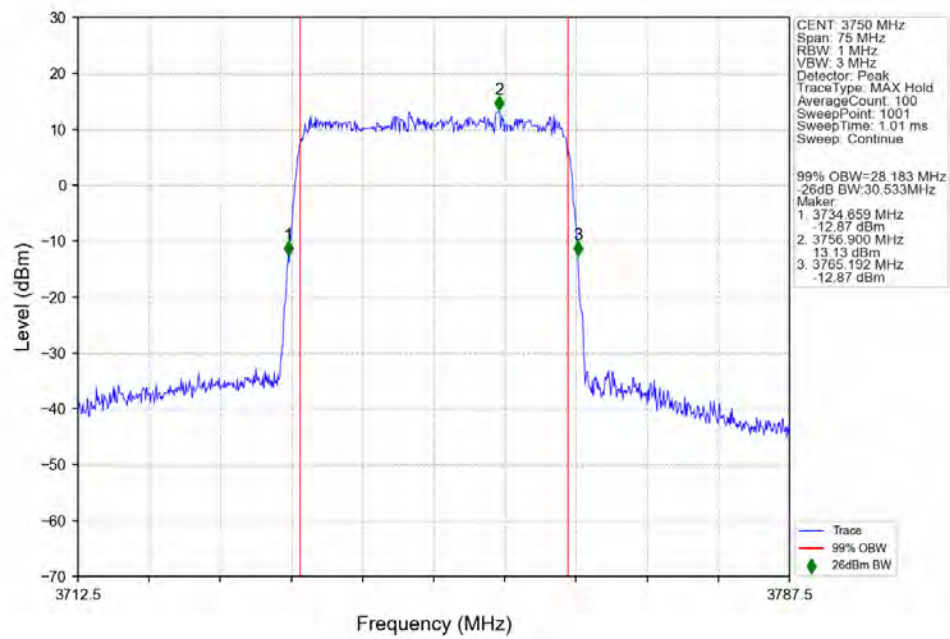
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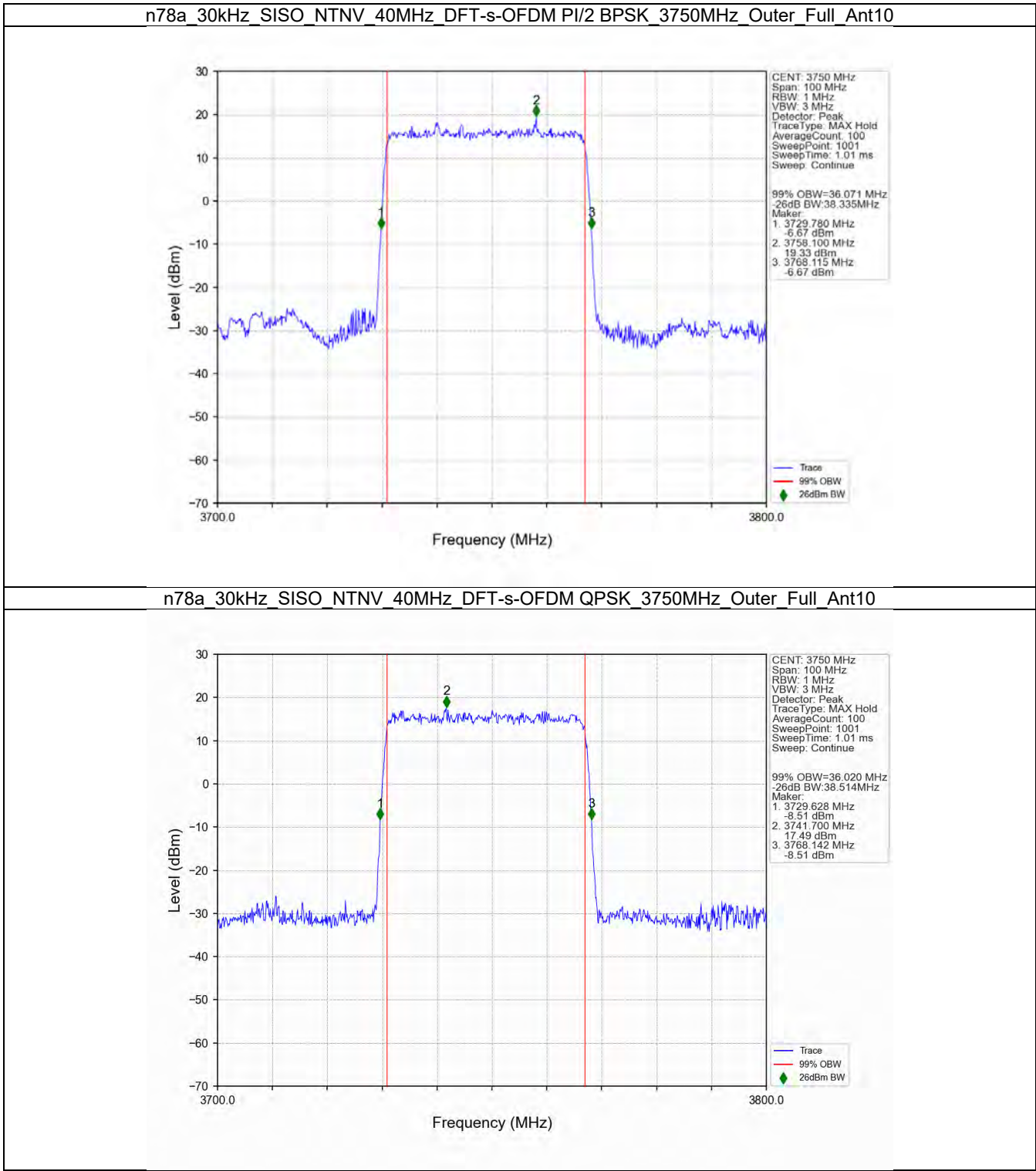
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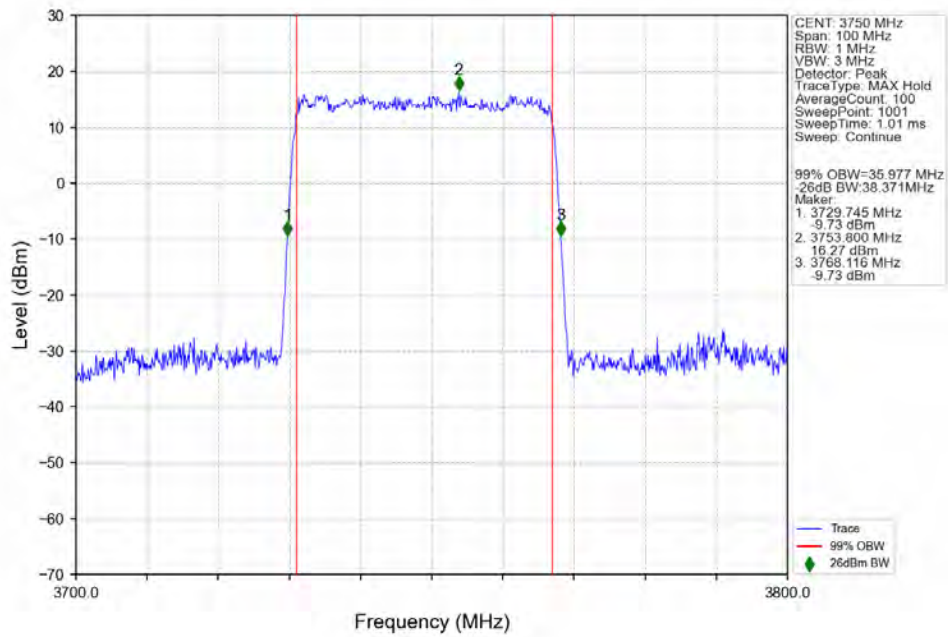
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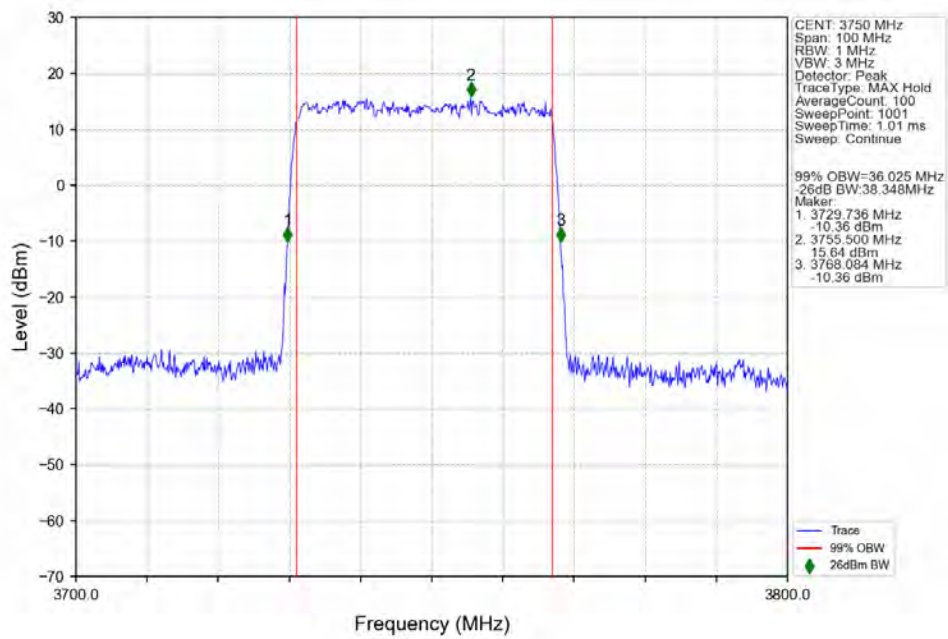
3.2.6 30k\_SISO\_40MHz\_NTNV



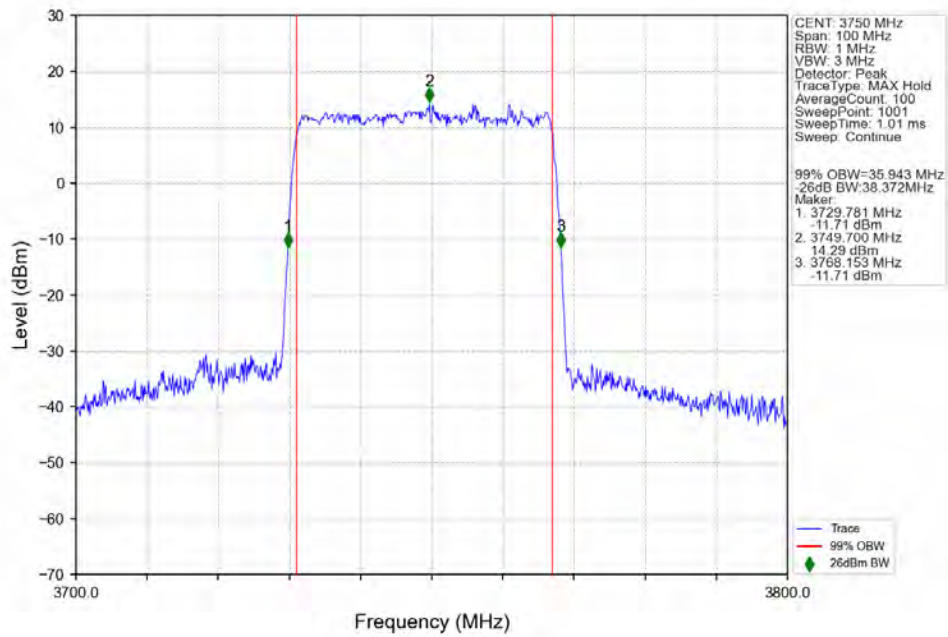
n78a\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_16\_QAM\_3750MHz\_Outer\_Full\_Ant10



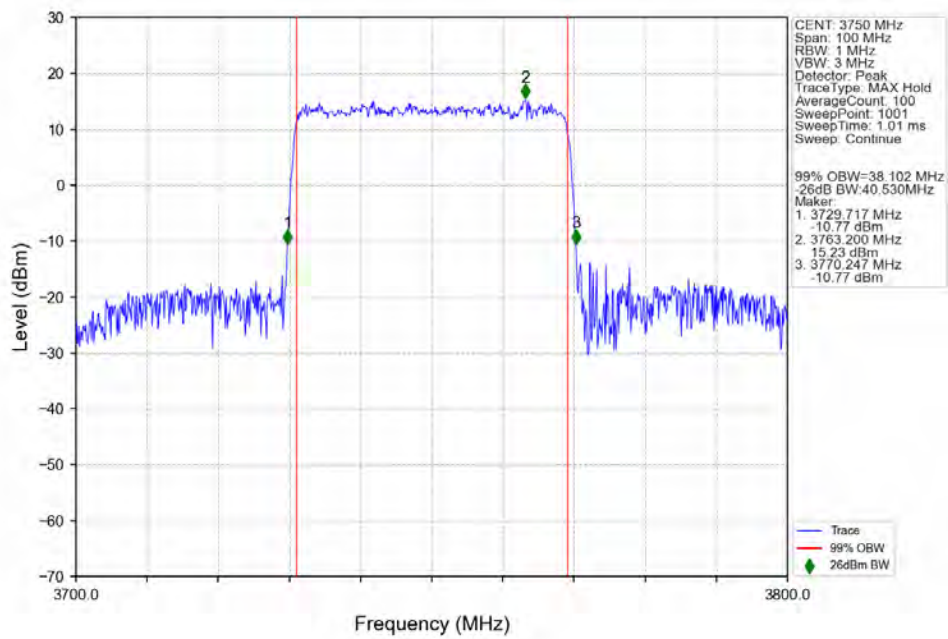
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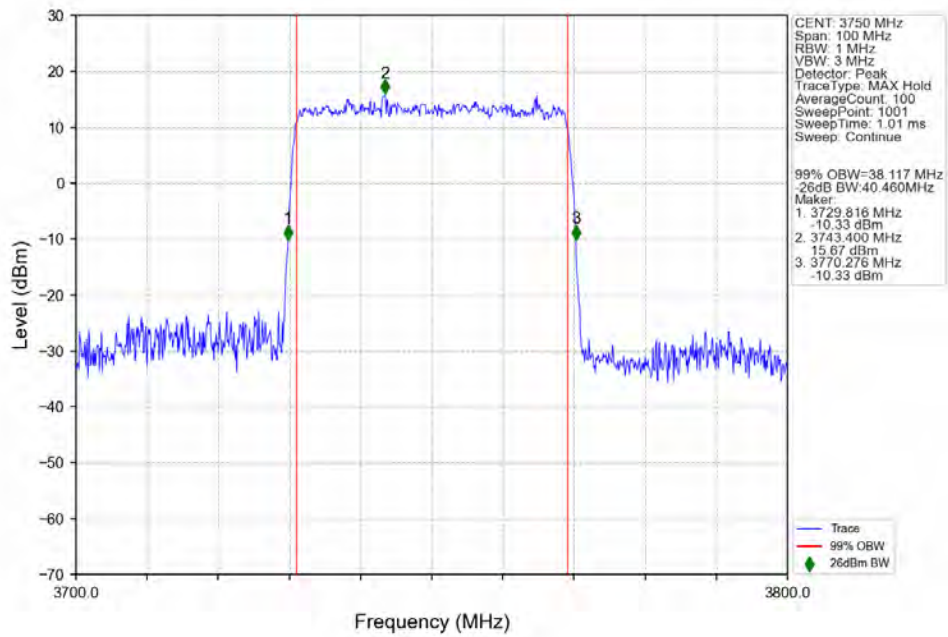
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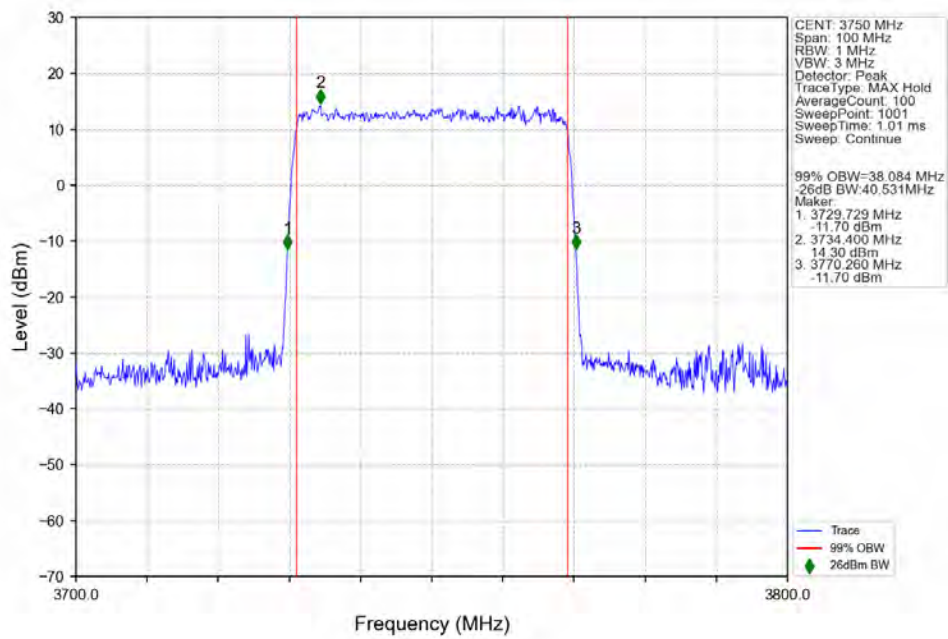
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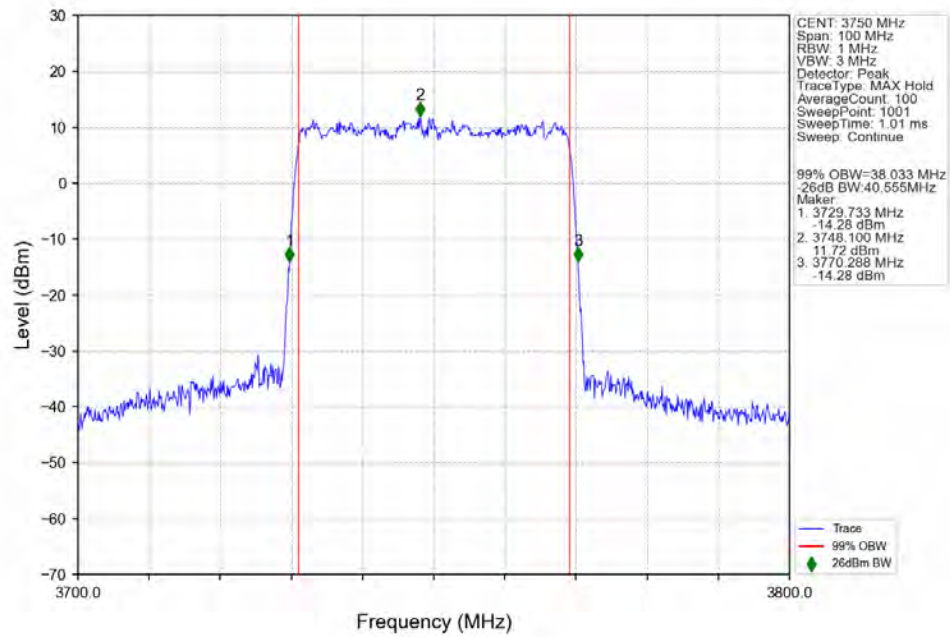
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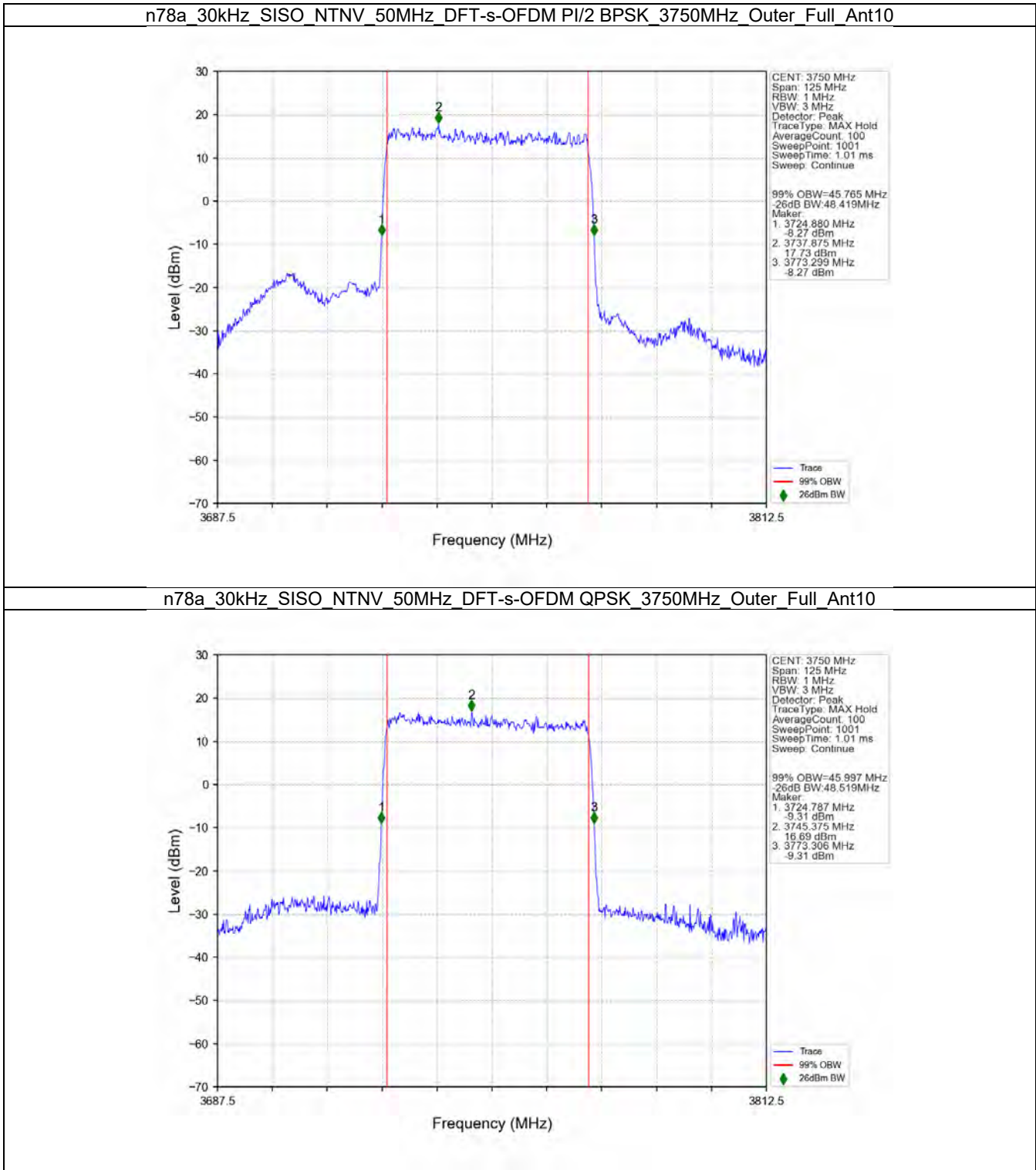
n78a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 64 QAM 3750MHz\_Outer\_Full\_Ant10



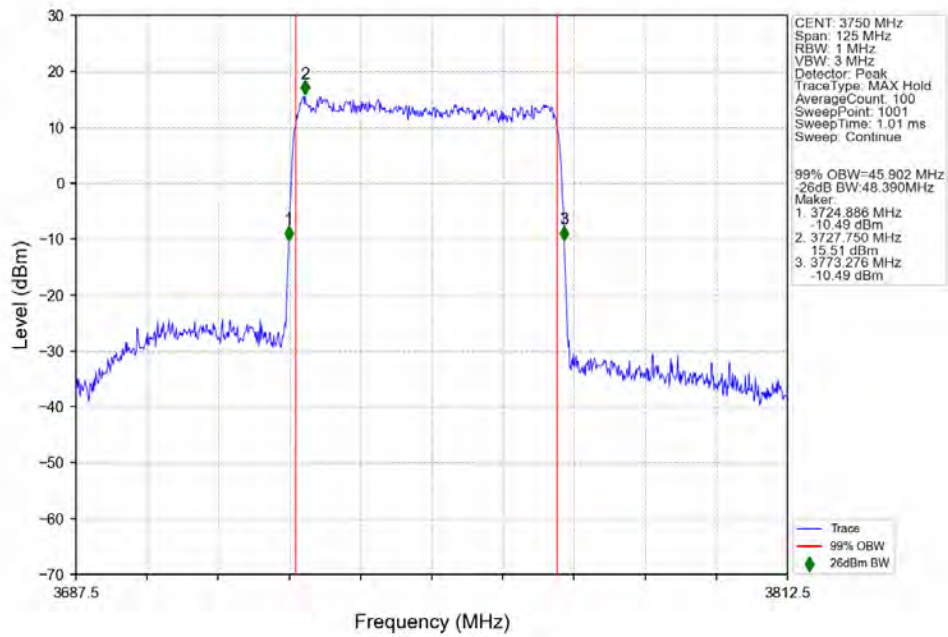
n78a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



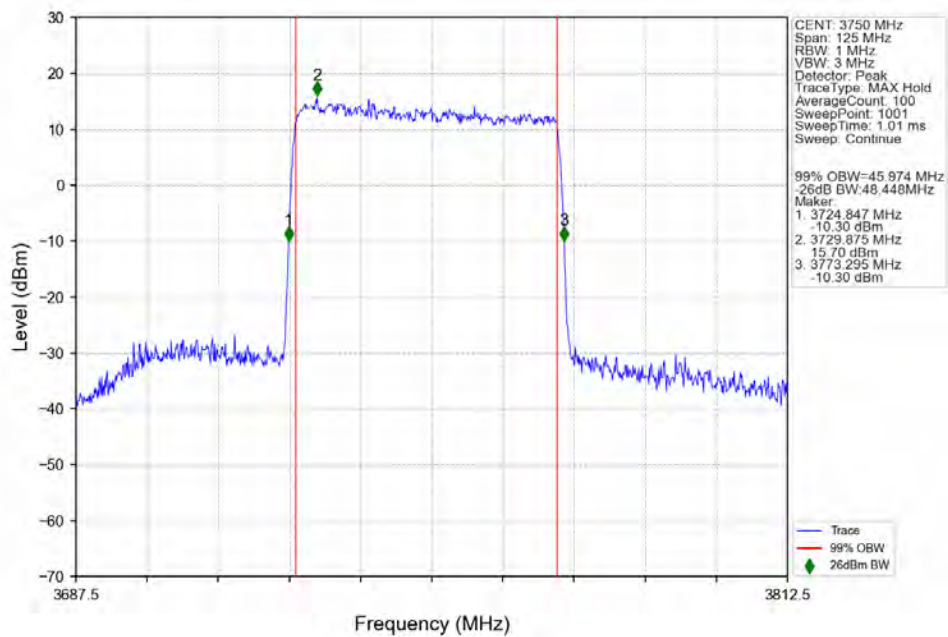
3.2.7 30k\_SISO\_50MHz\_NTNV



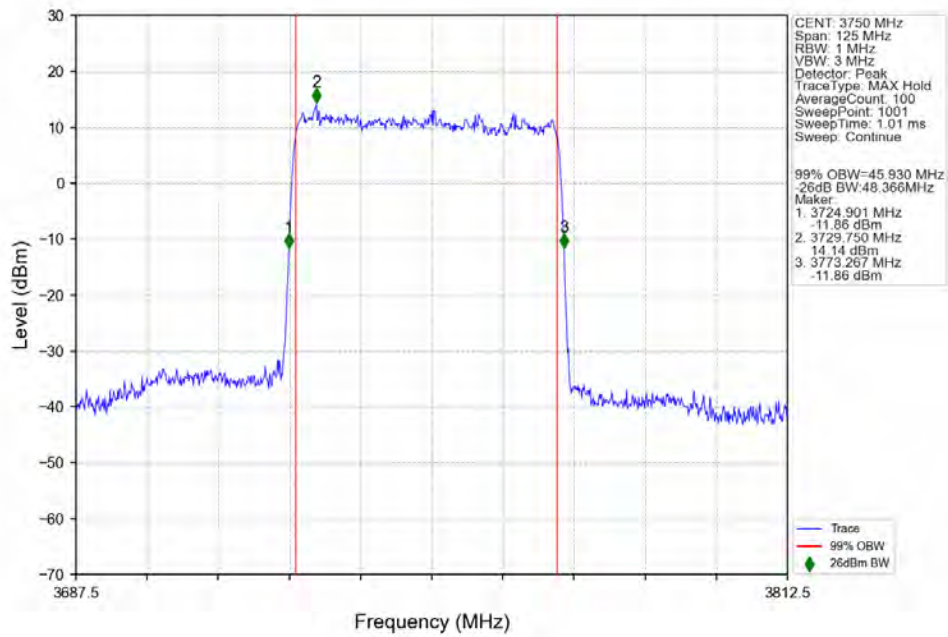
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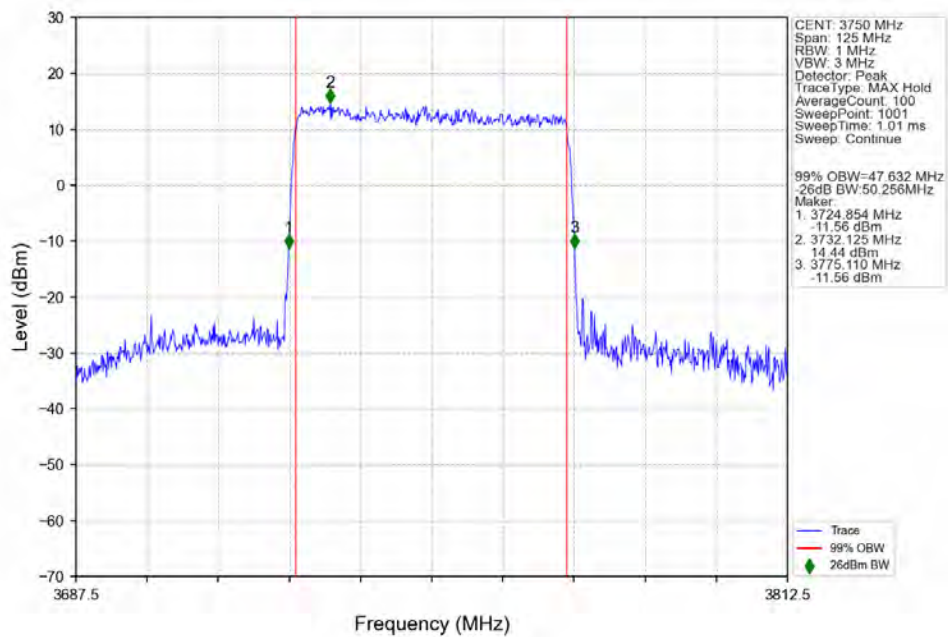
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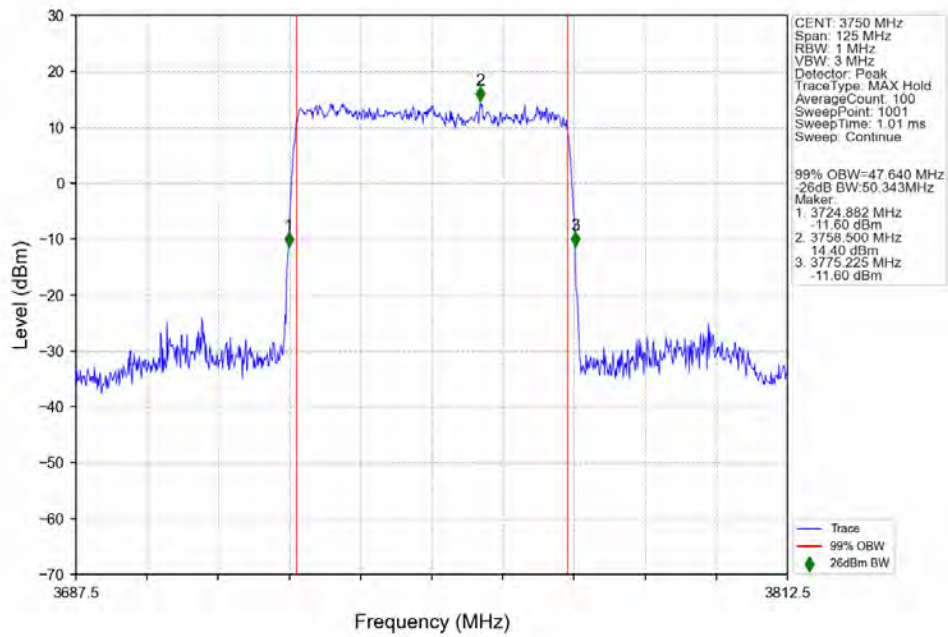
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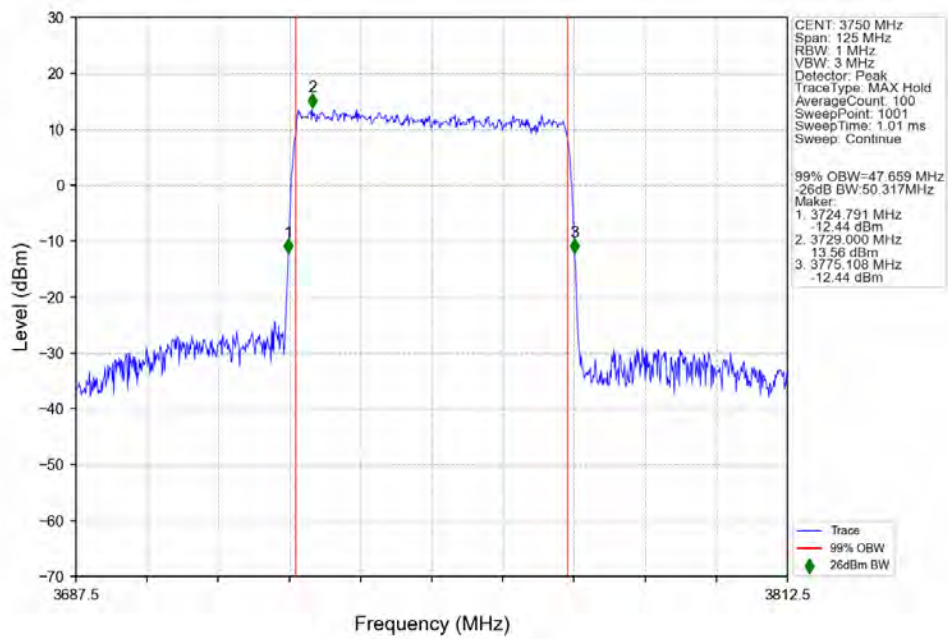
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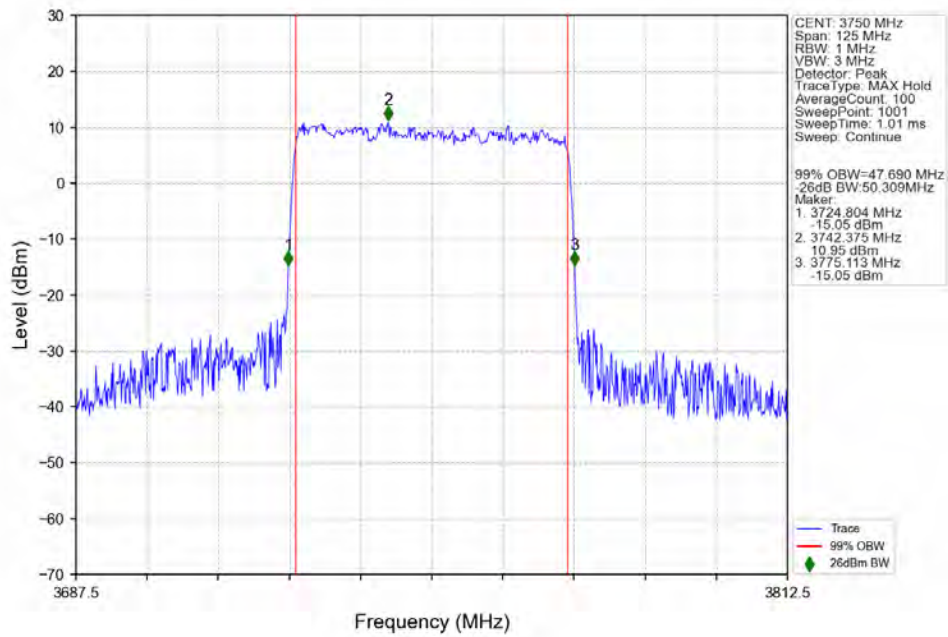
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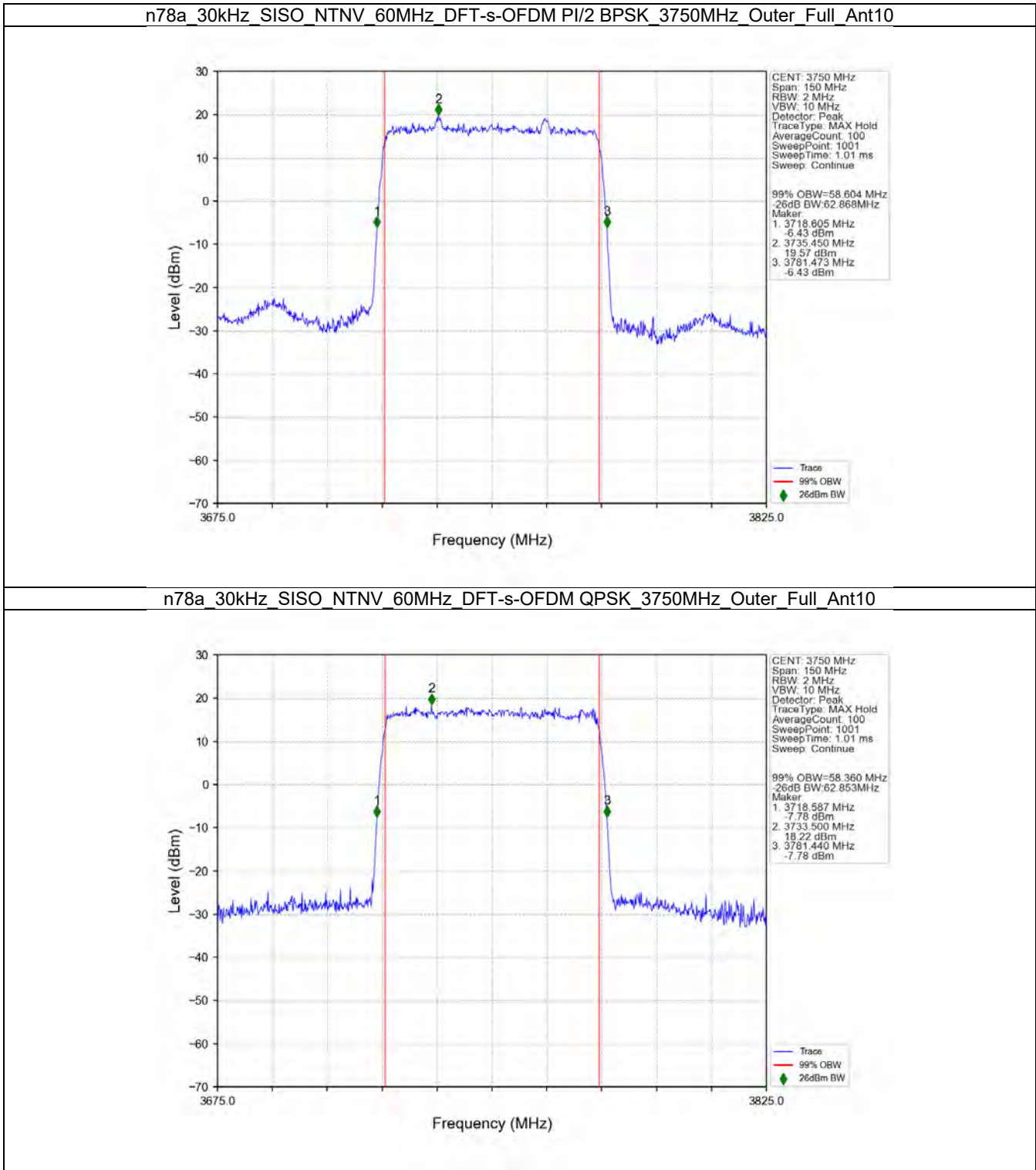
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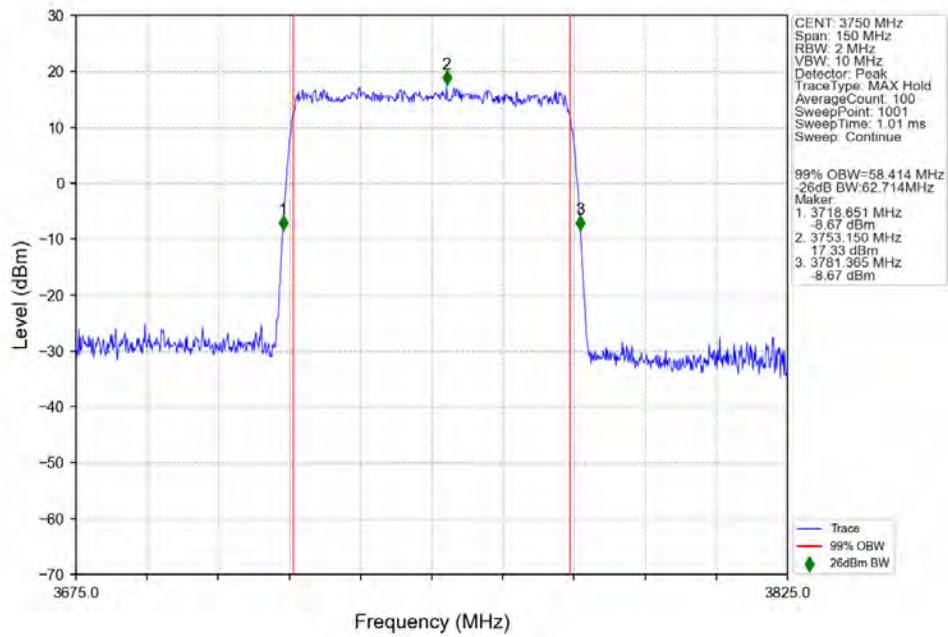
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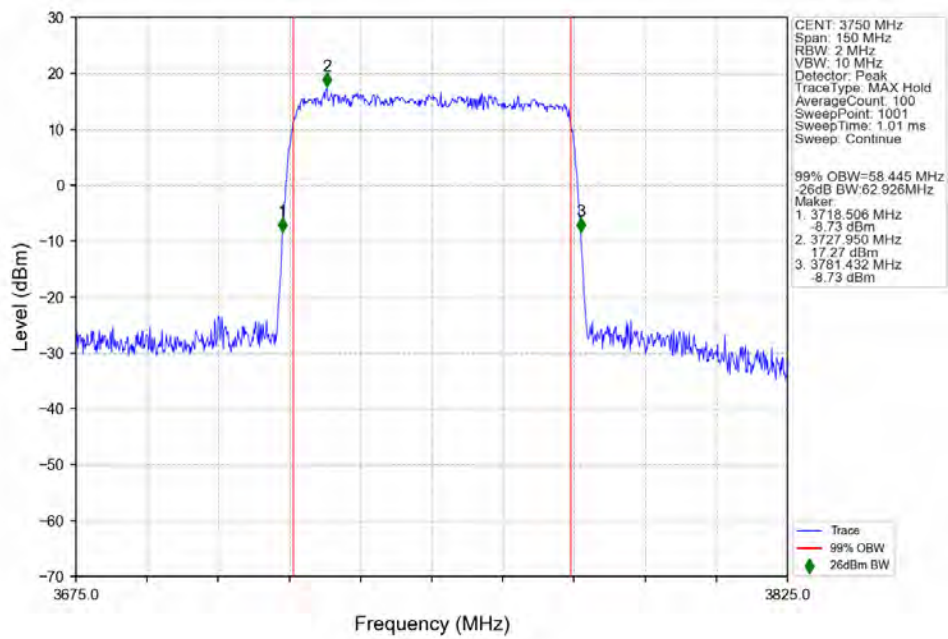
3.2.8 30k\_SISO\_60MHz\_NTNV



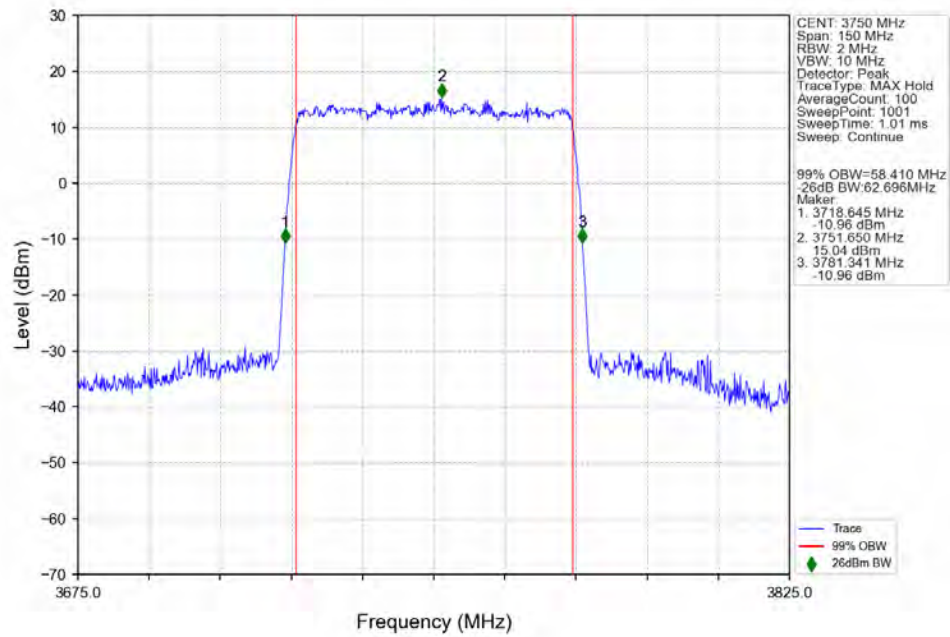
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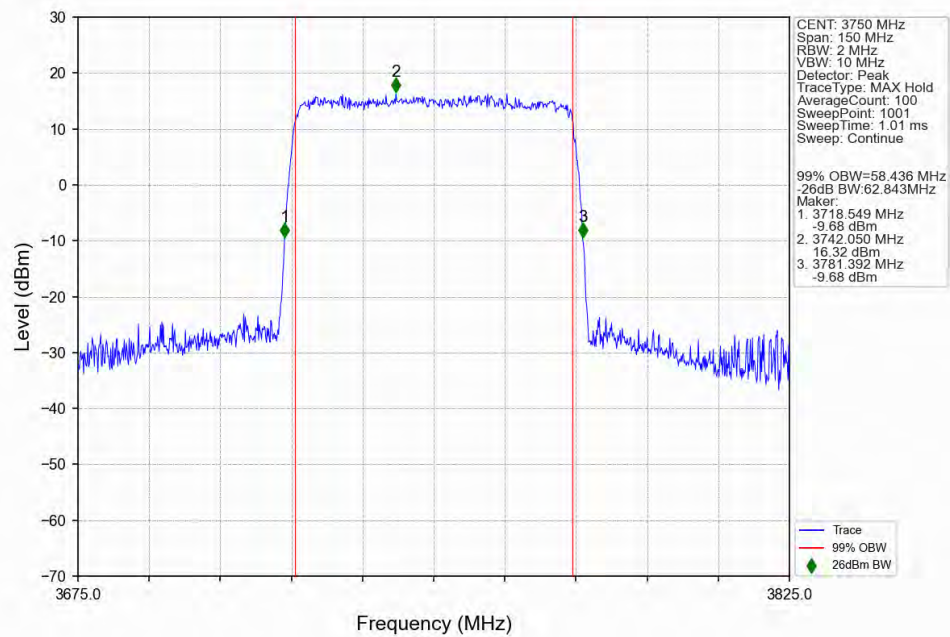
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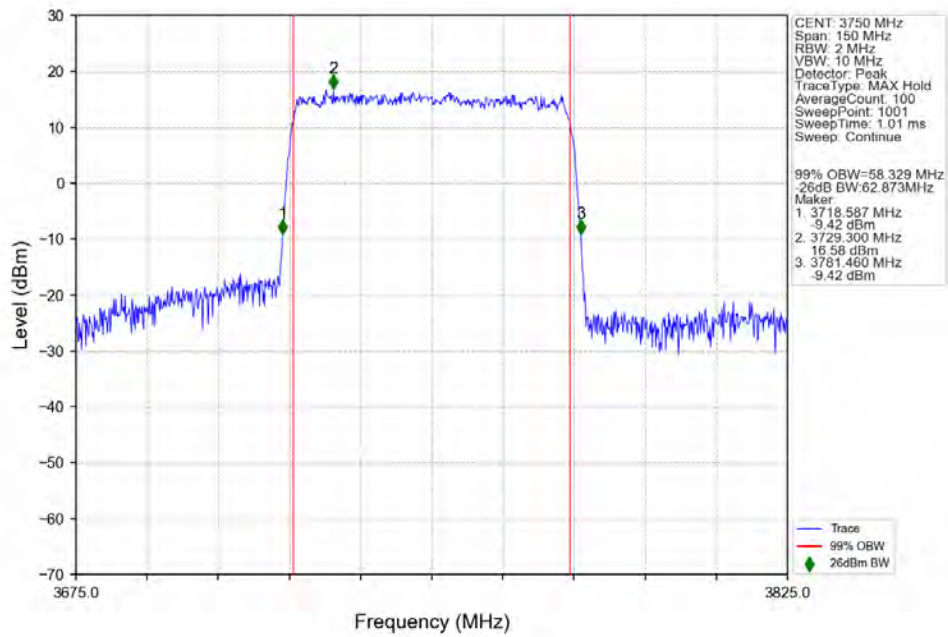
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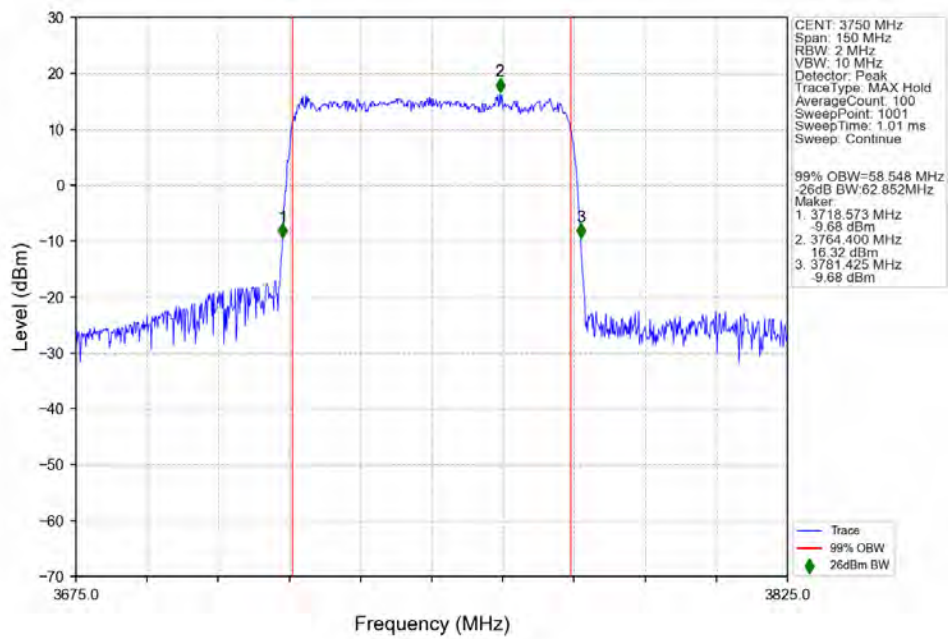
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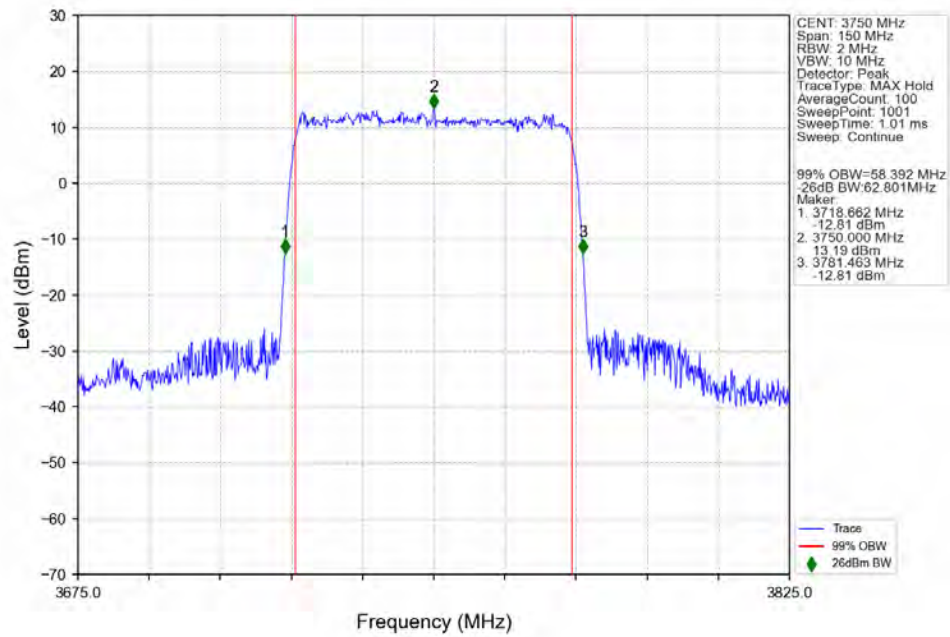
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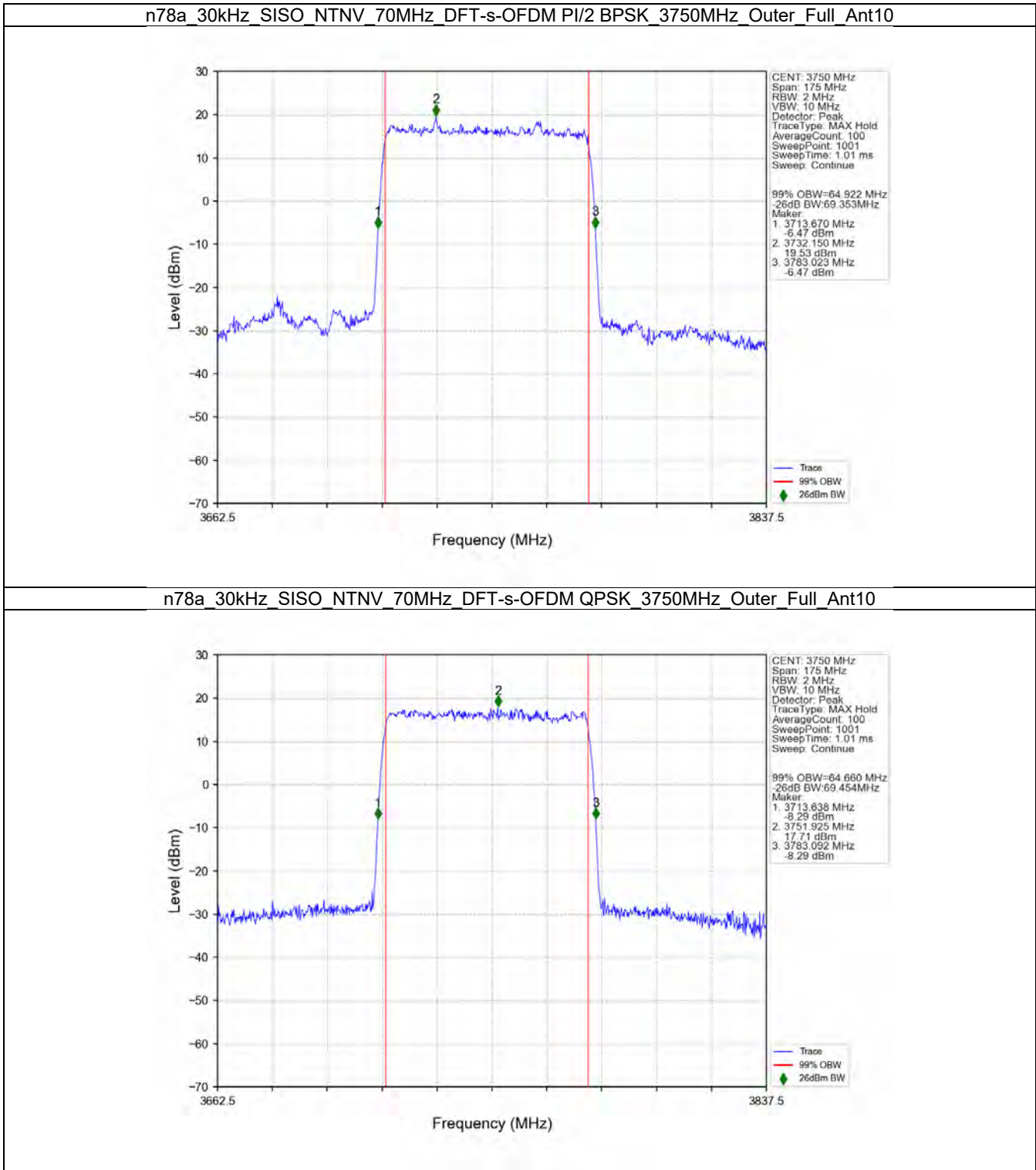
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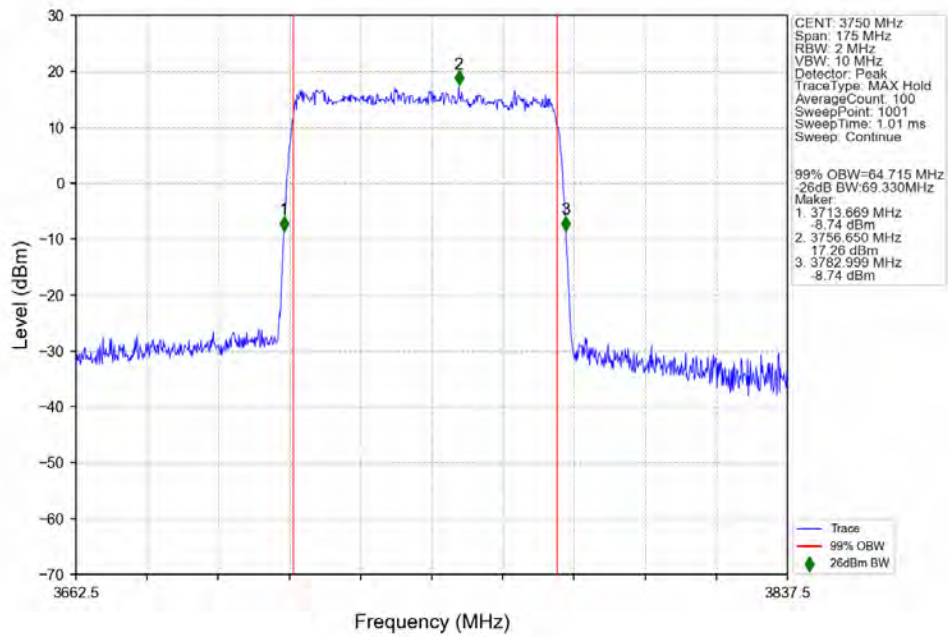
n78a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



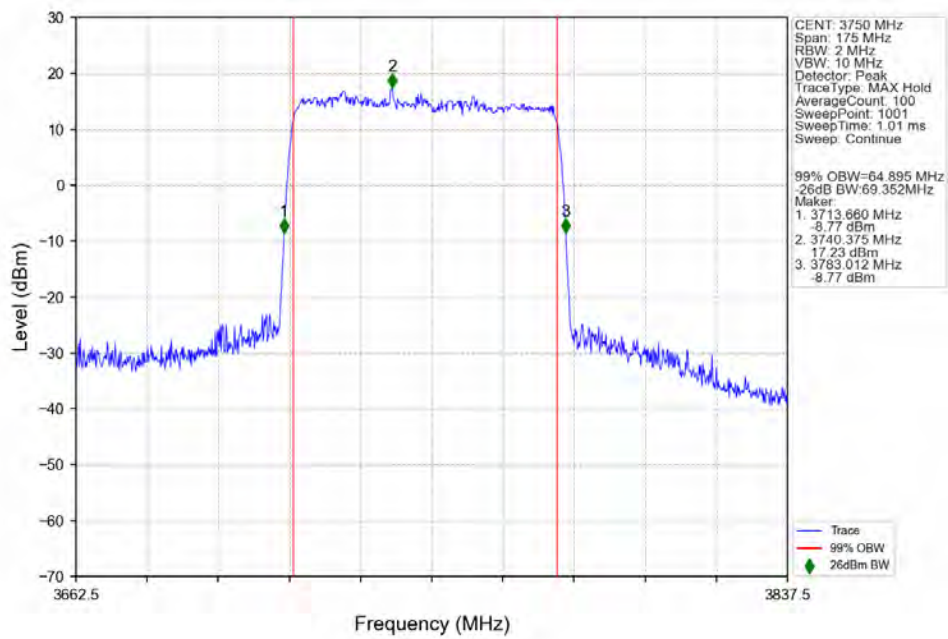
3.2.9 30k\_SISO\_70MHz\_NTNV



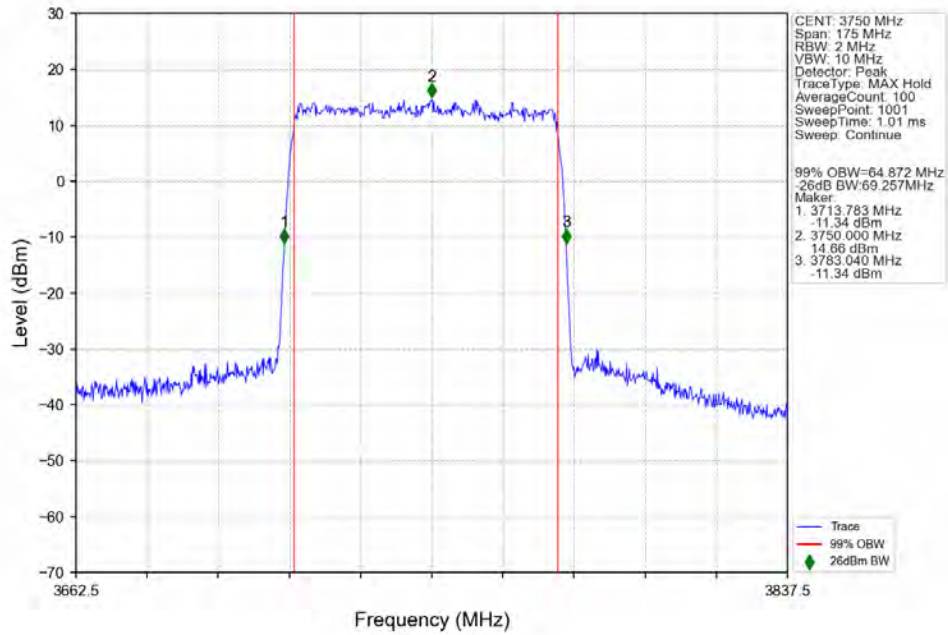
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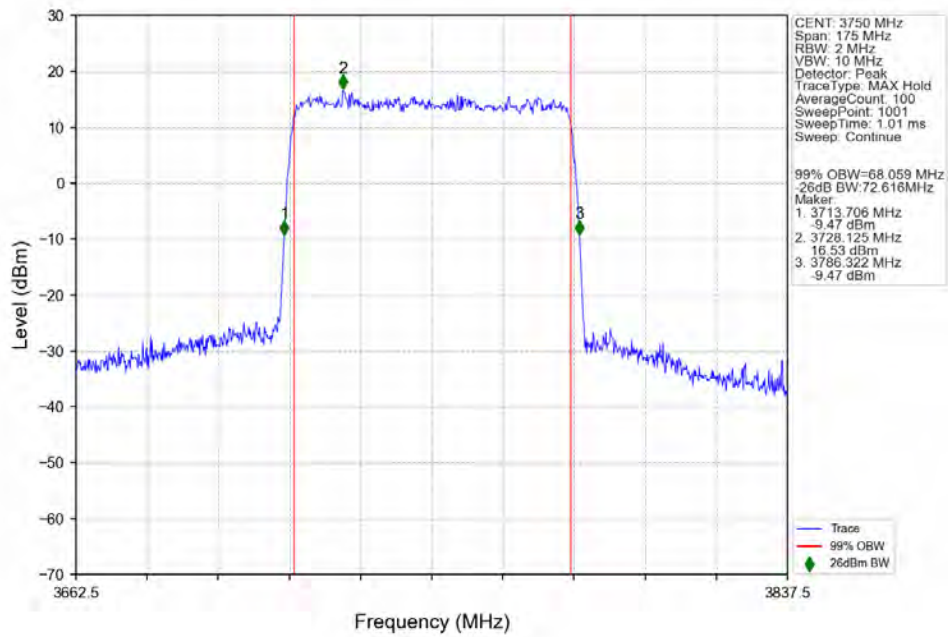
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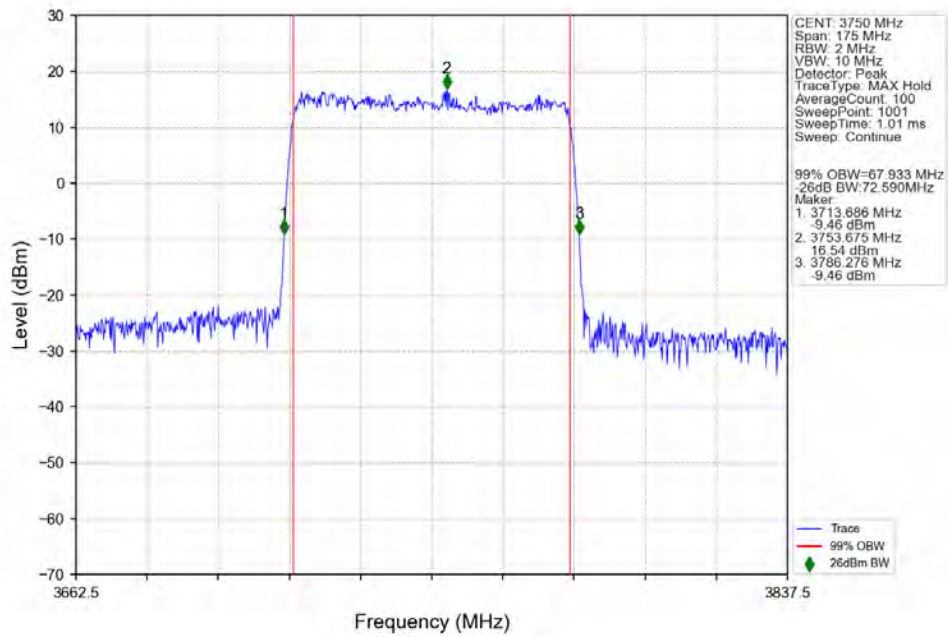
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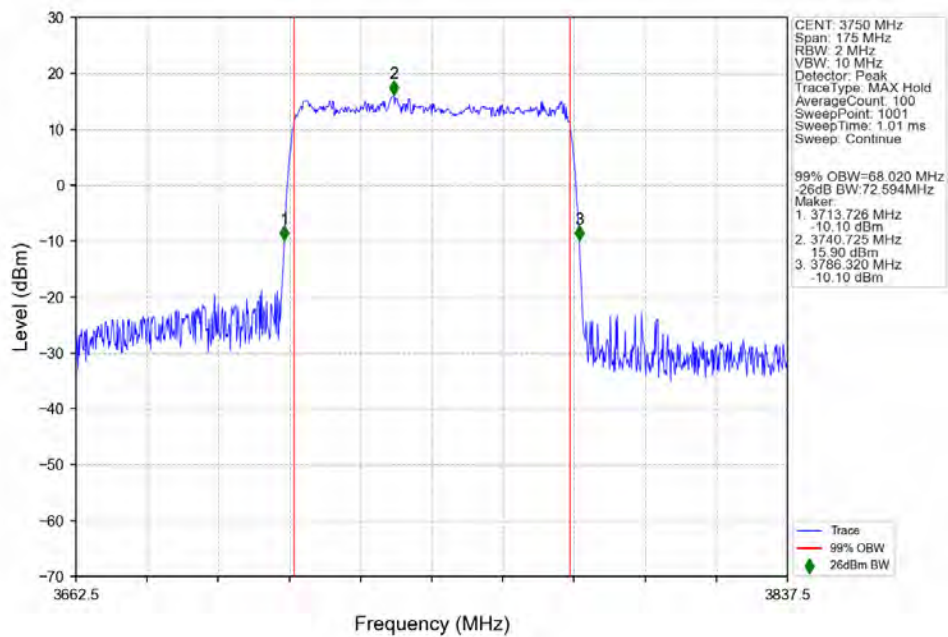
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



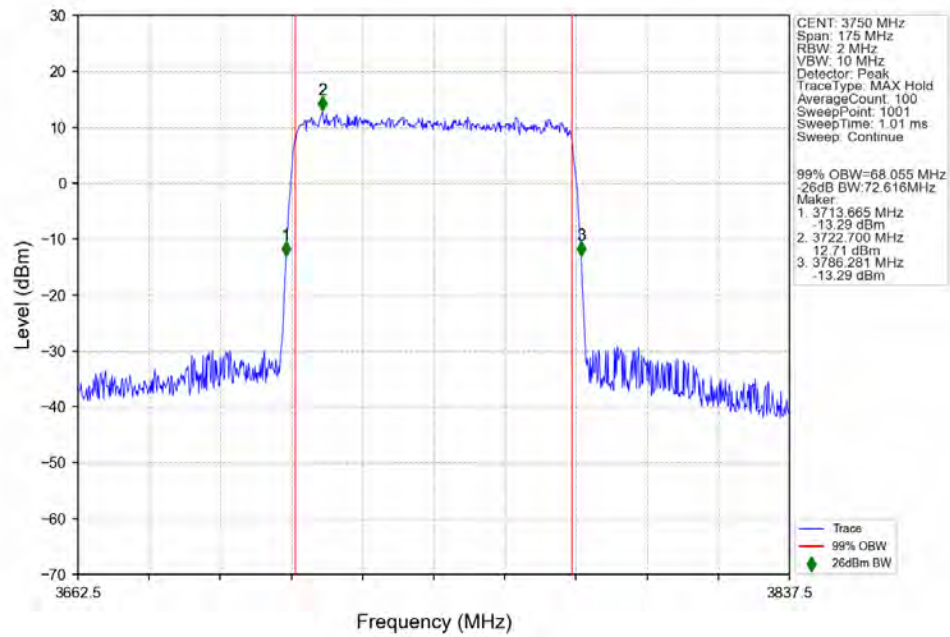
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3750MHz\_Outer\_Full\_Ant10



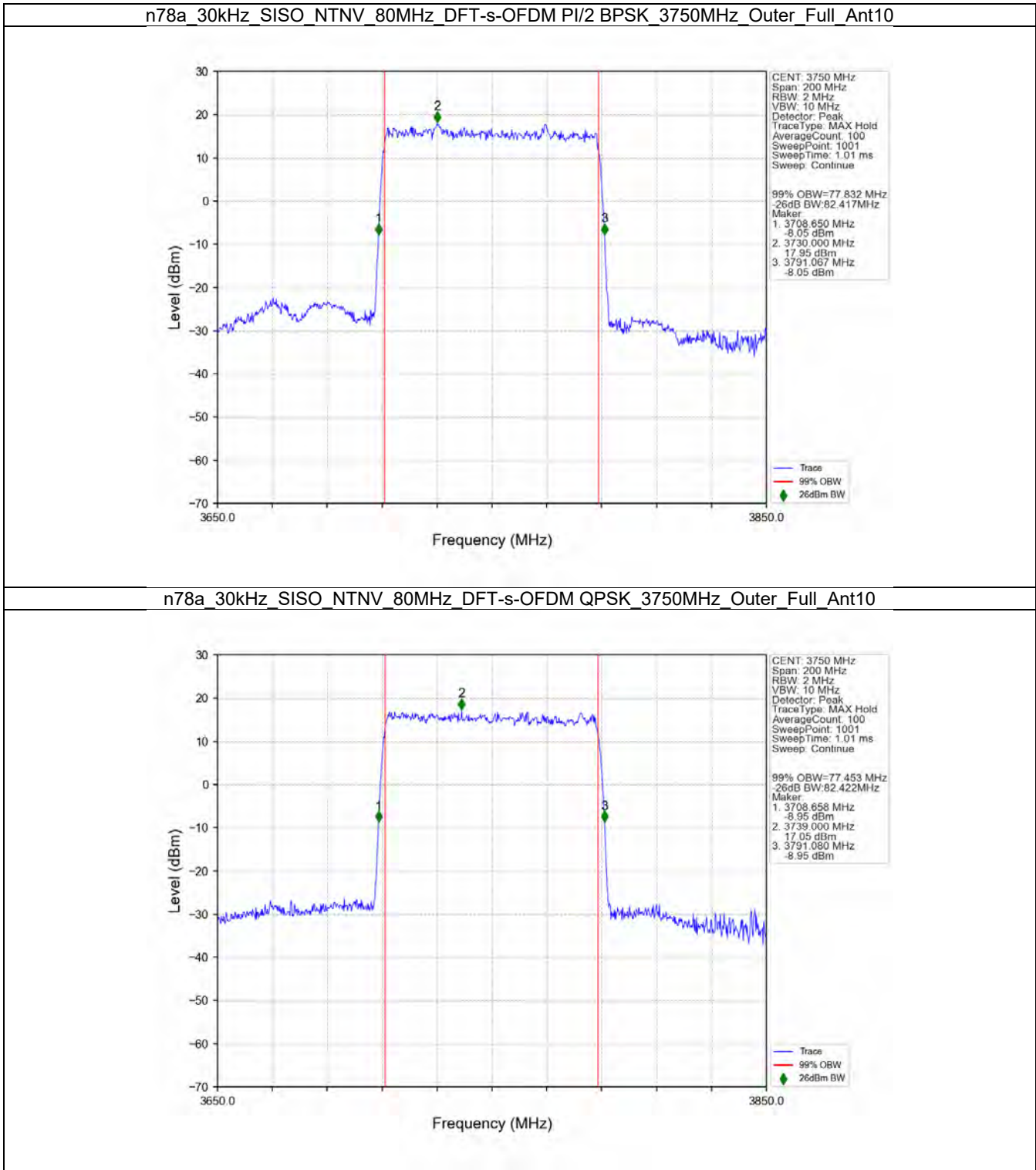
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_64\_QAM\_3750MHz\_Outer\_Full\_Ant10



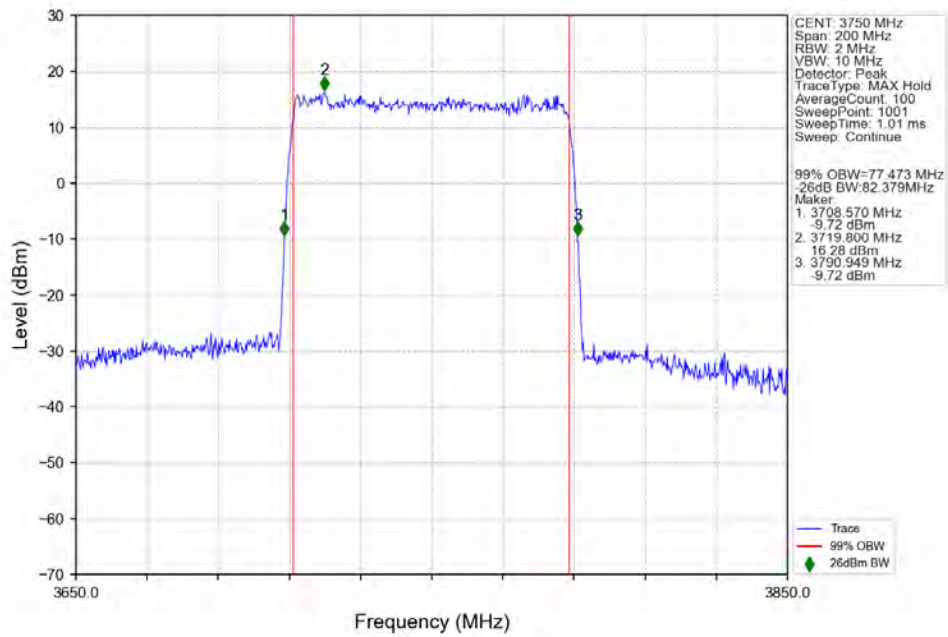
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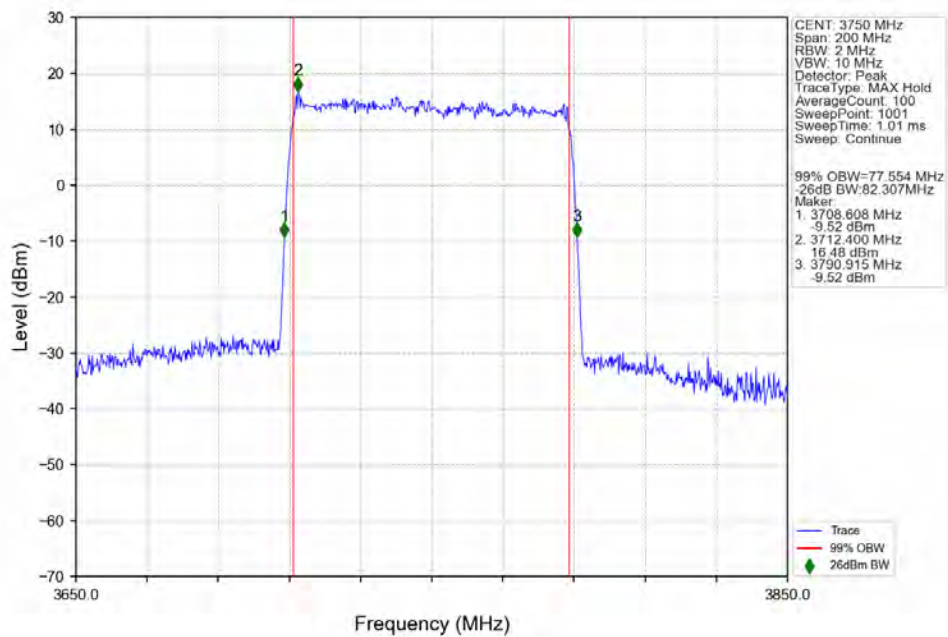
3.2.10 30k\_SISO\_80MHz\_NTNV



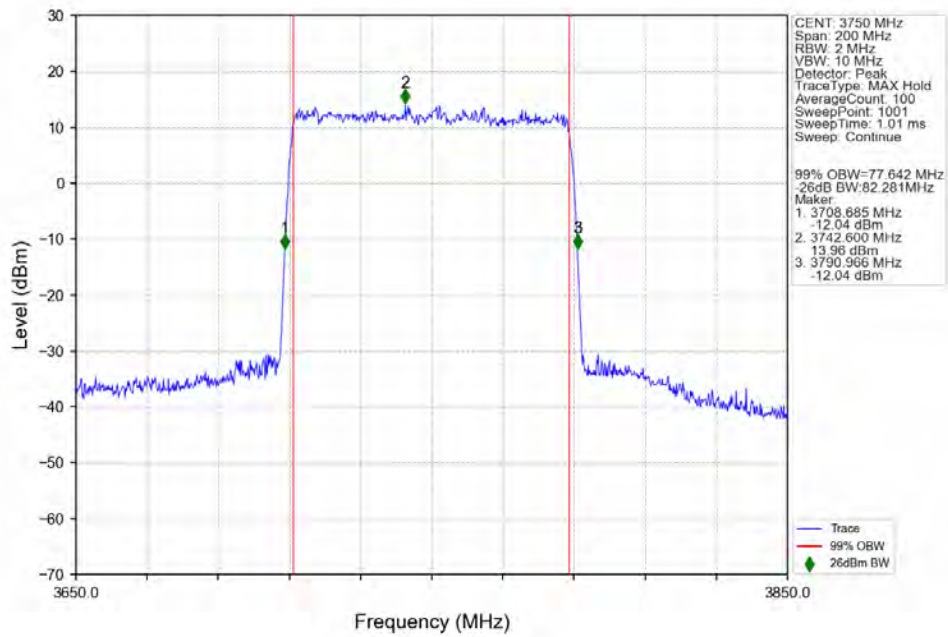
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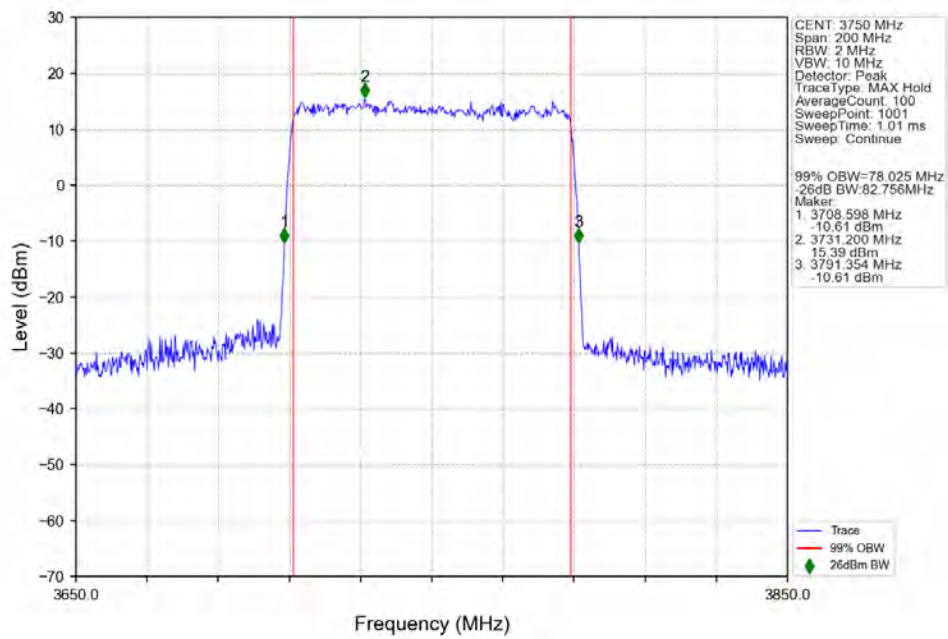
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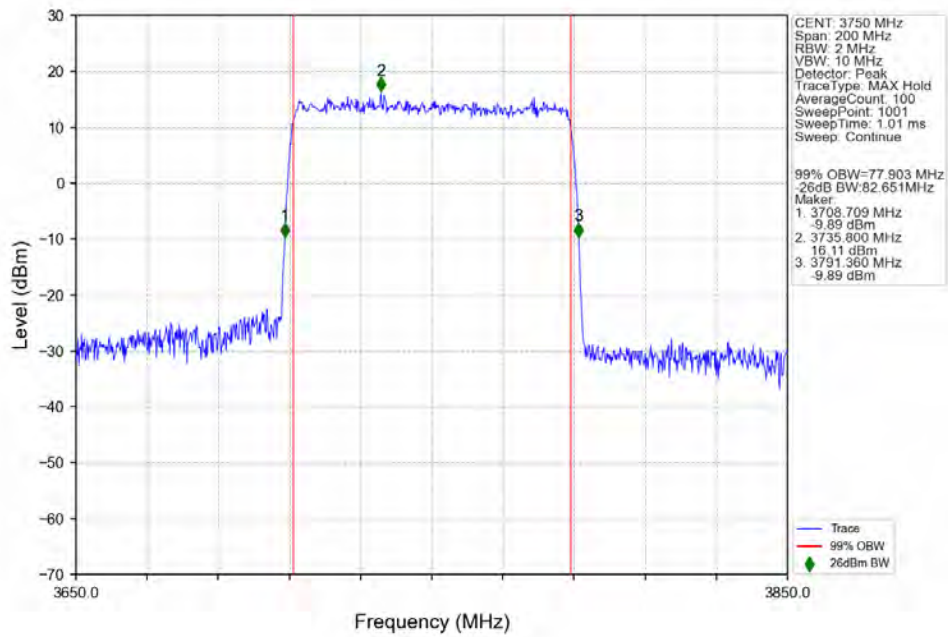
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



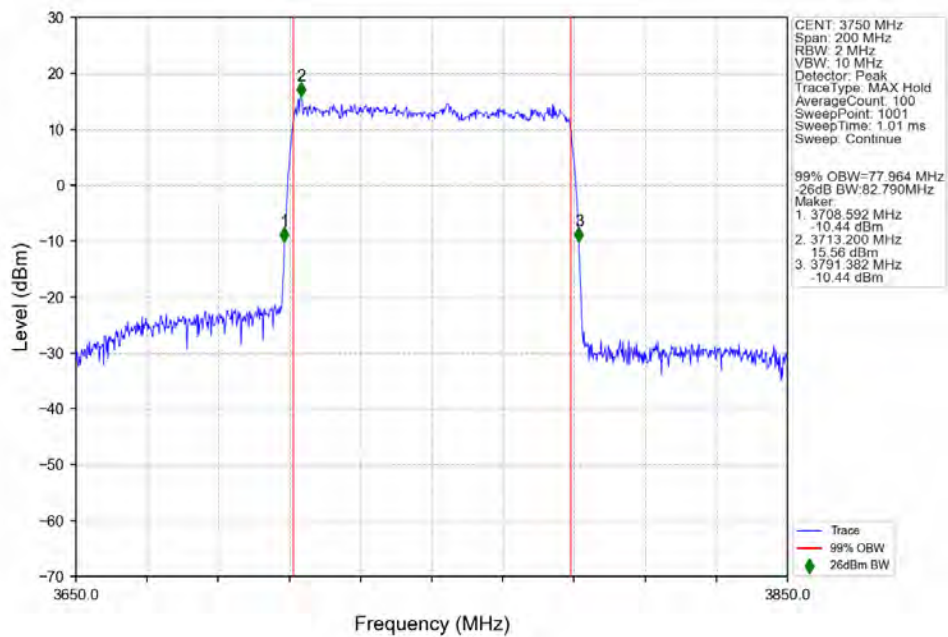
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



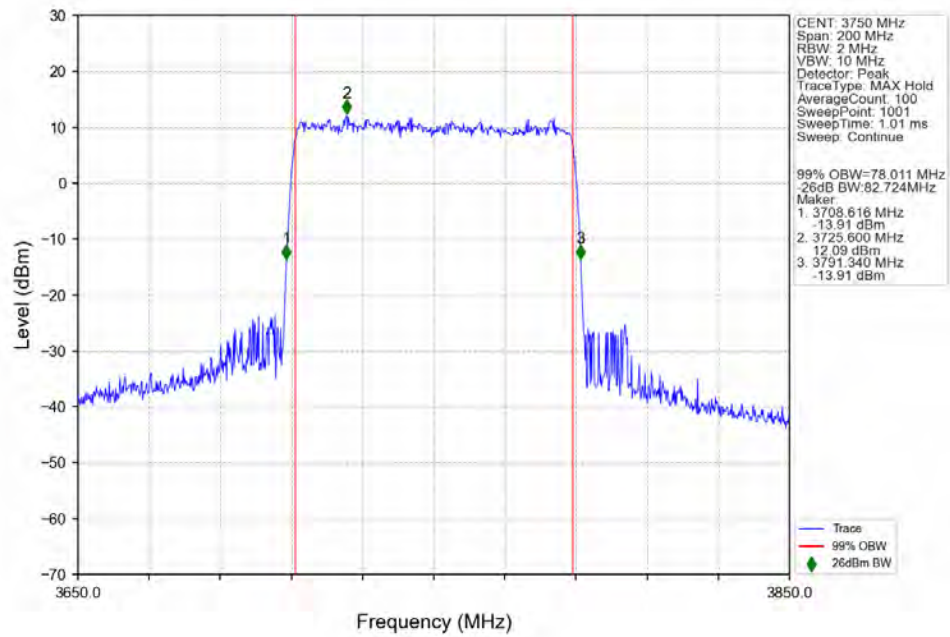
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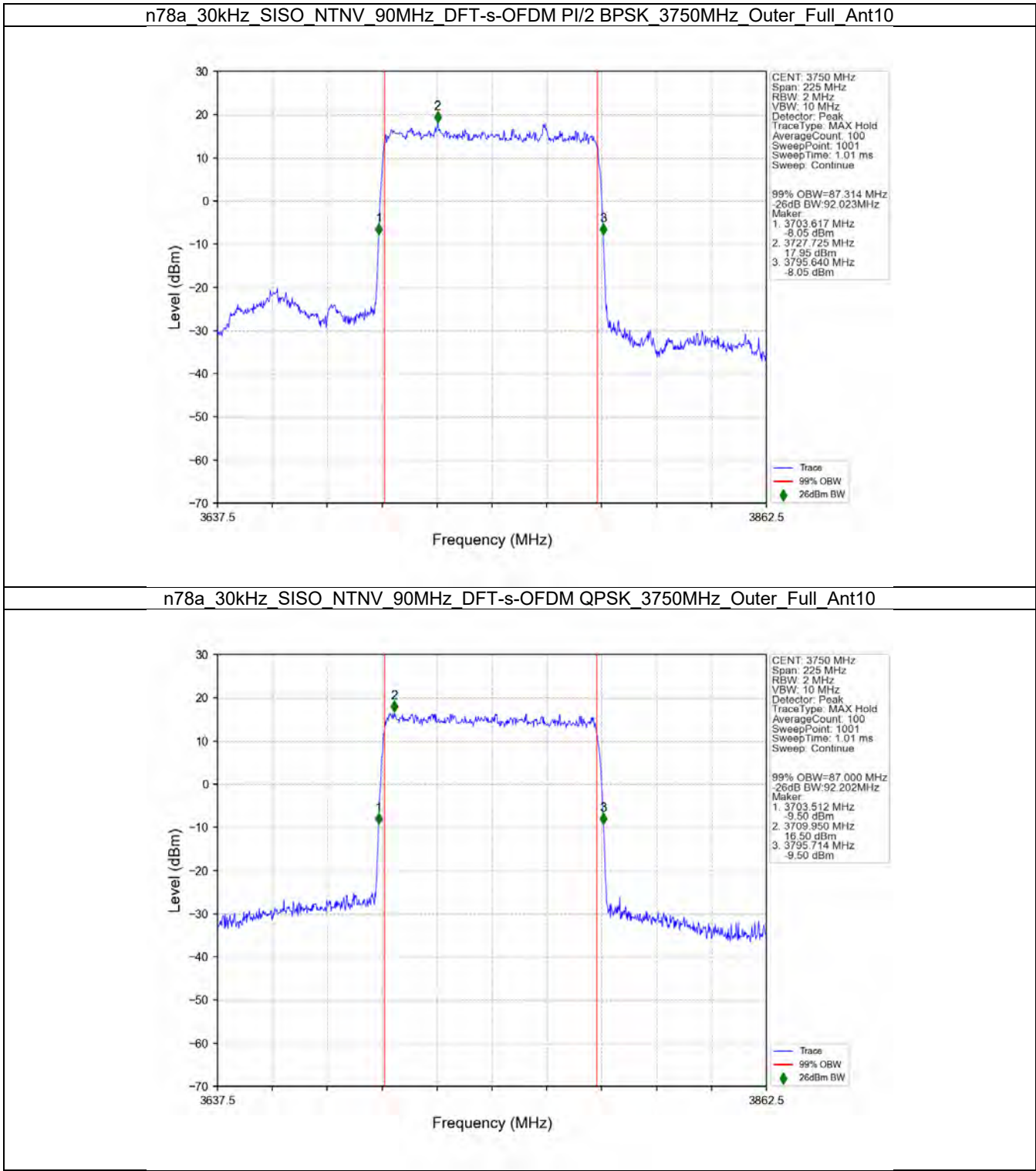
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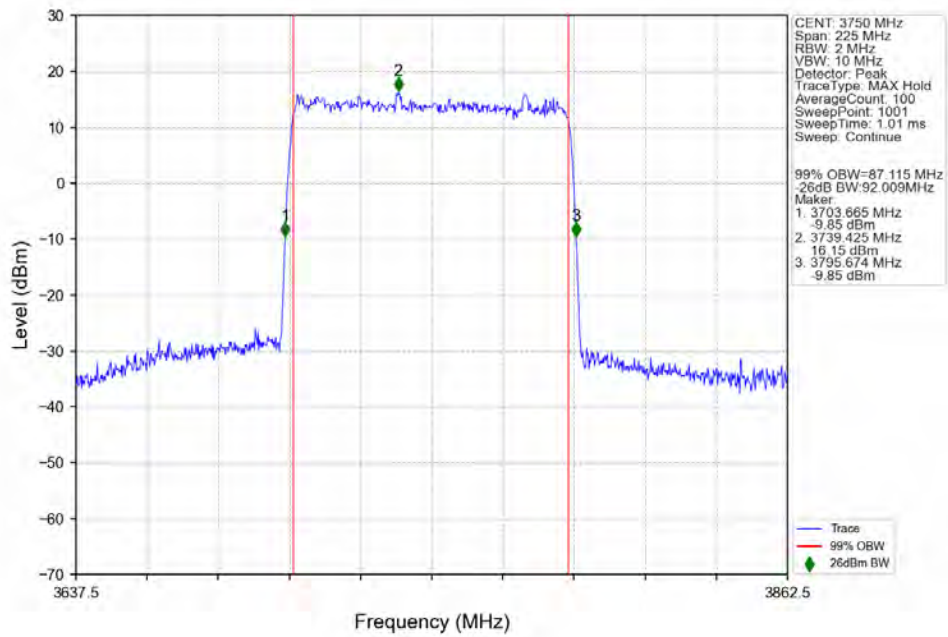
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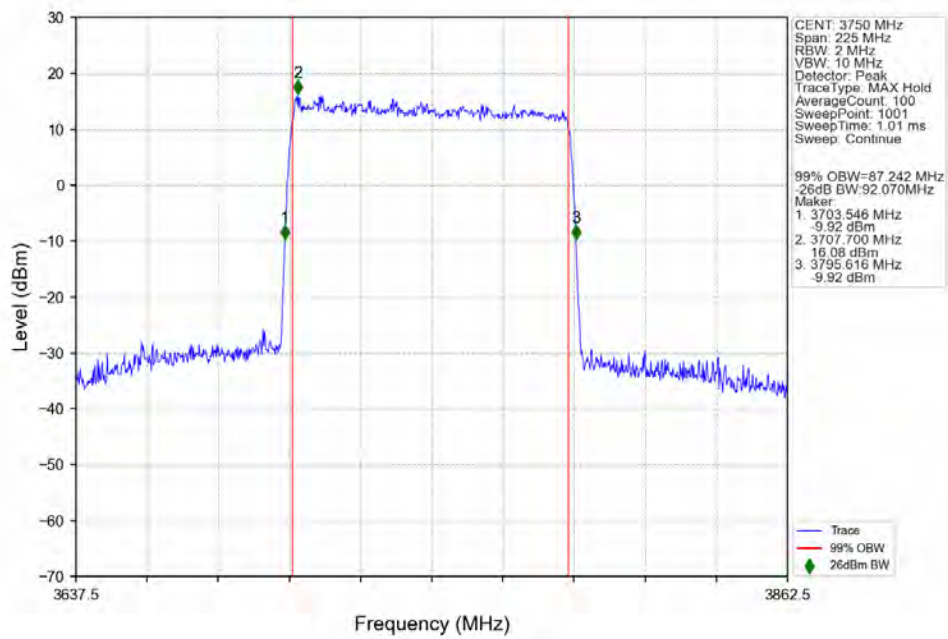
3.2.11 30k\_SISO\_90MHz\_NTNV



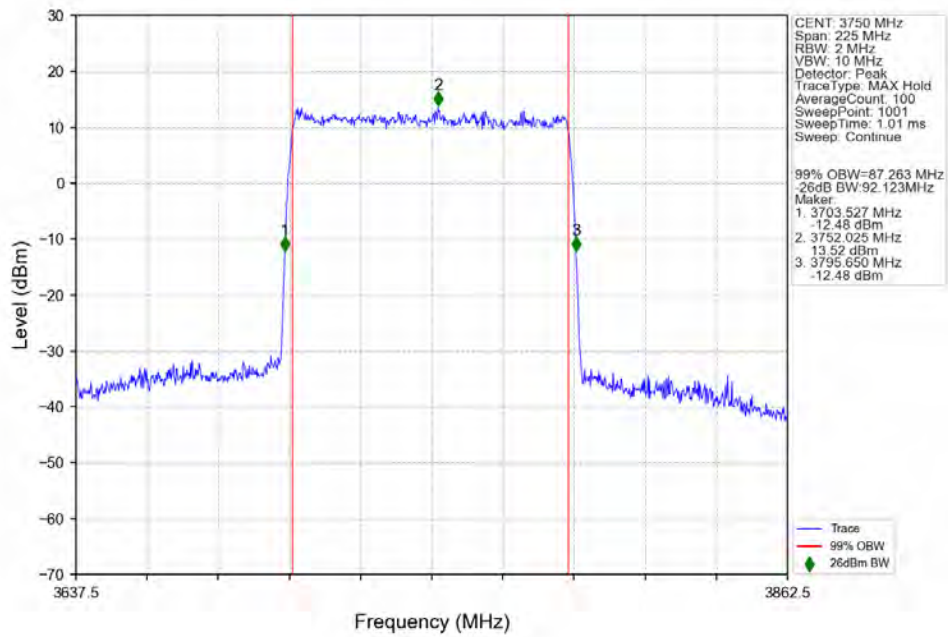
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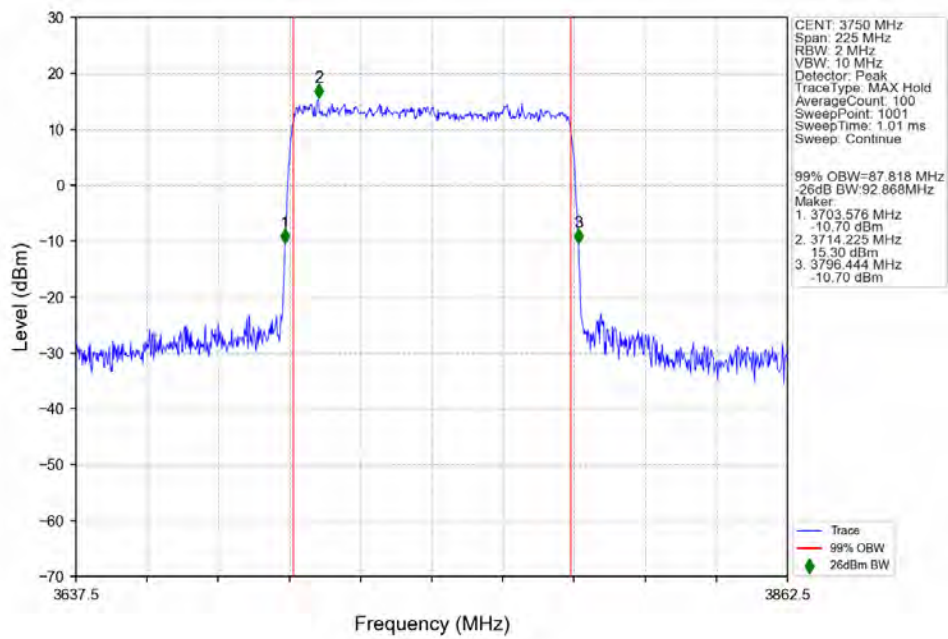
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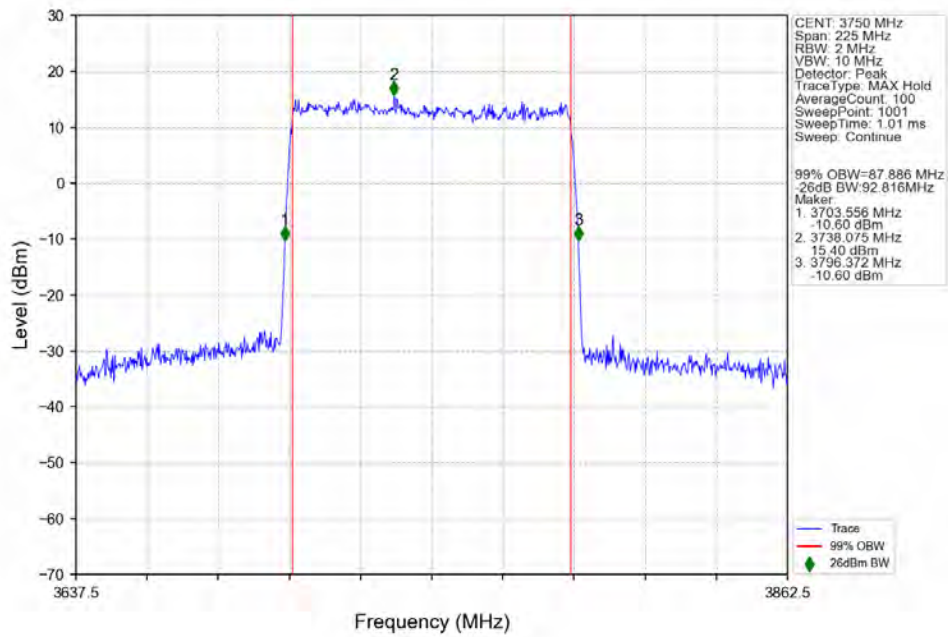
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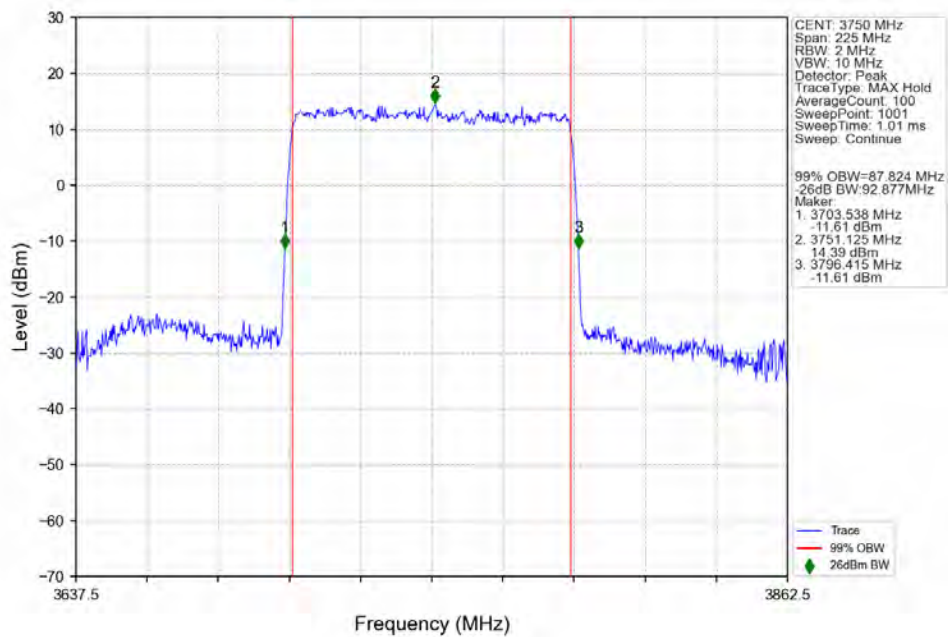
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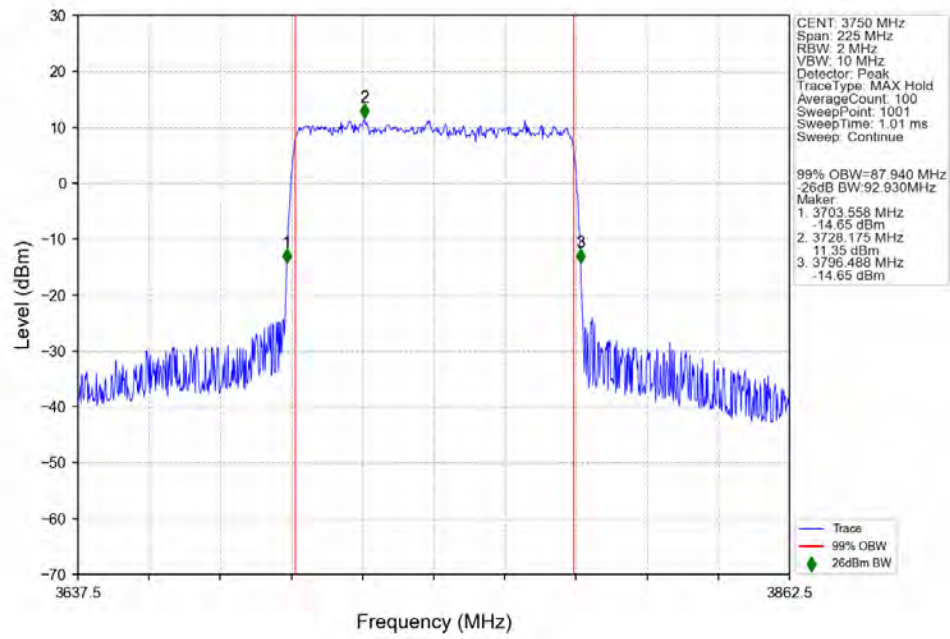


n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_16 QAM\_3750MHz\_Outer\_Full\_Ant10

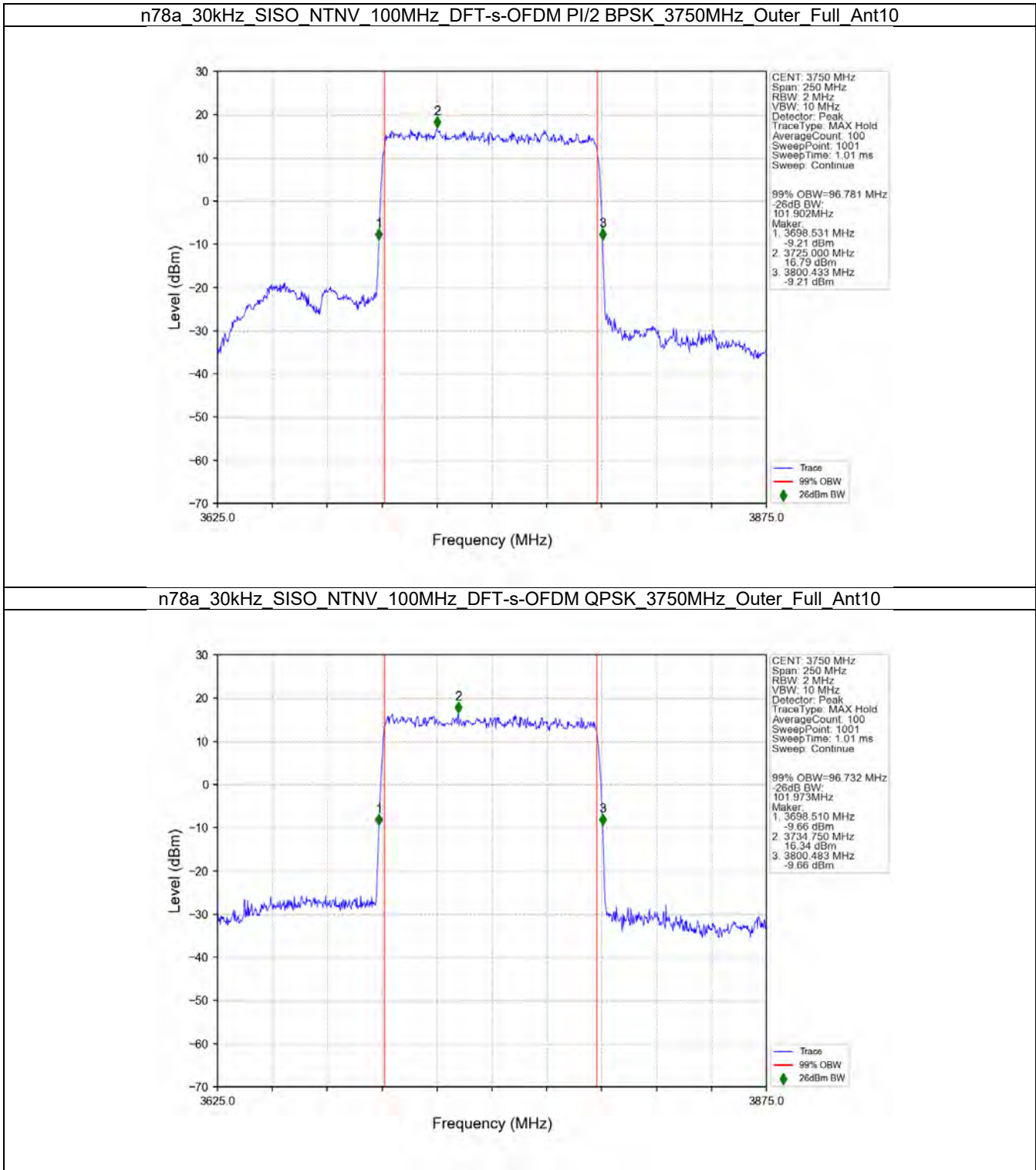


n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_64 QAM\_3750MHz\_Outer\_Full\_Ant10

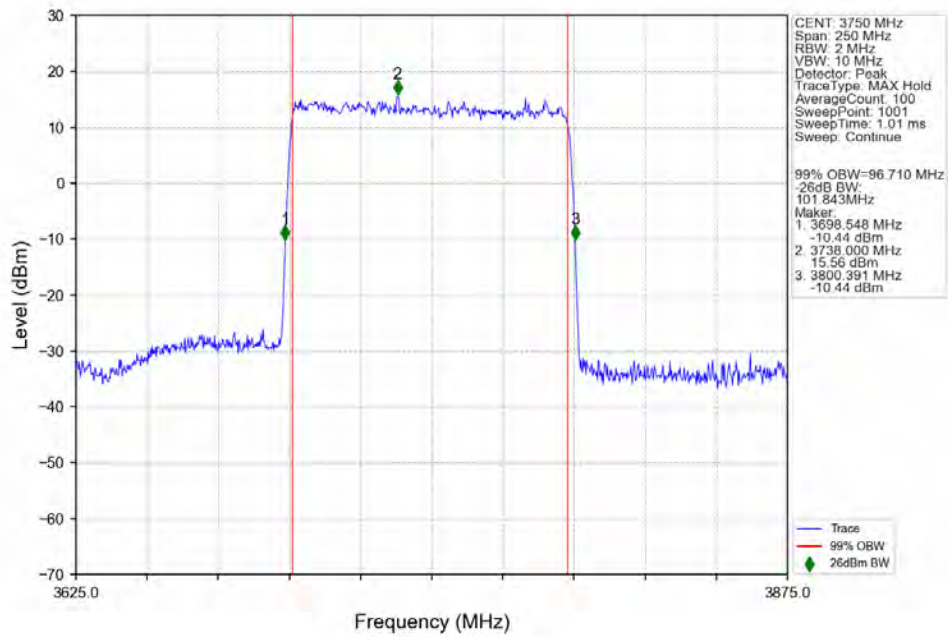




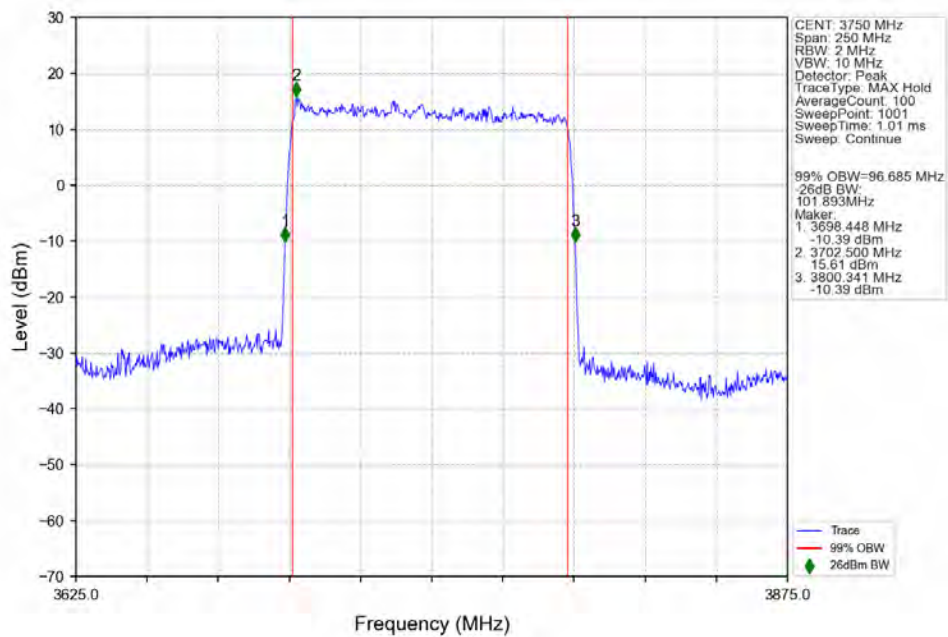
3.2.12 30k\_SISO\_100MHz\_NTNV



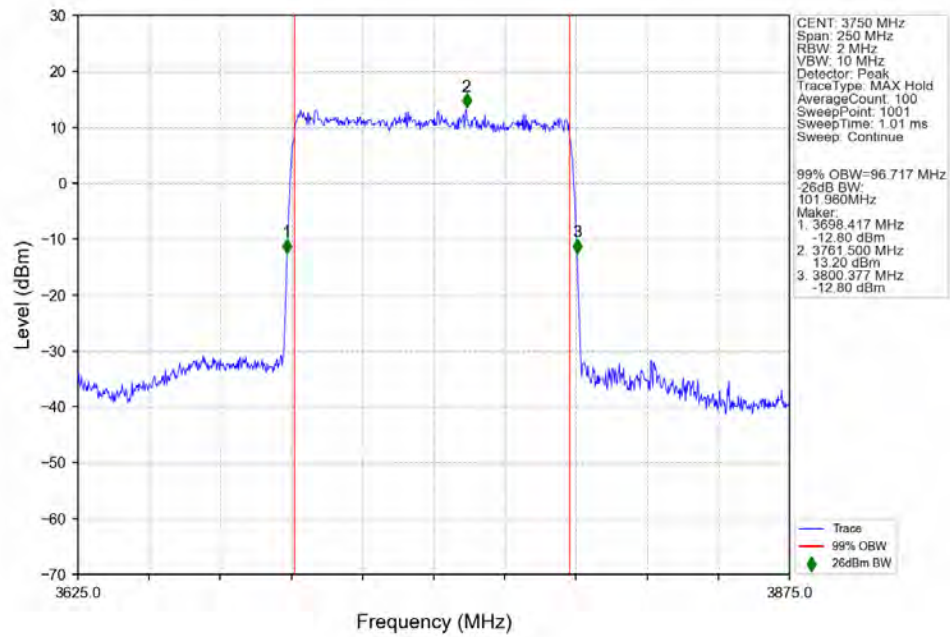
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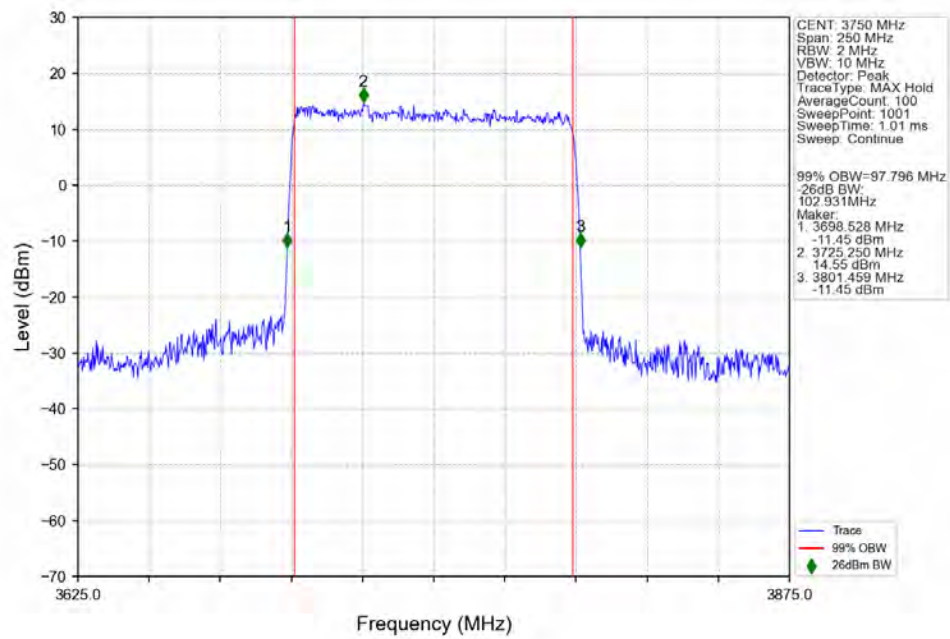
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_64\_QAM\_3750MHz\_Outer\_Full\_Ant10



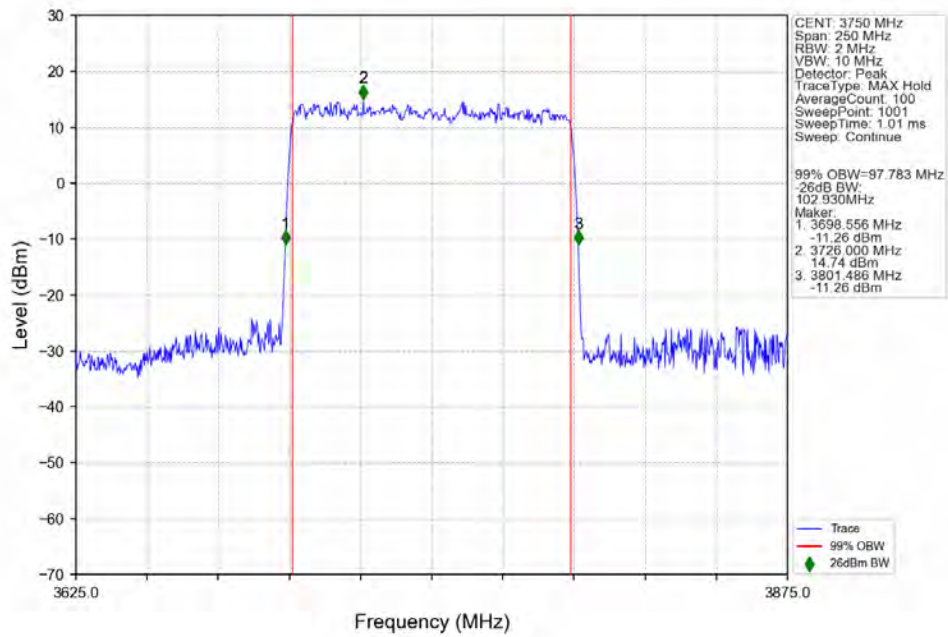
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant10



n78a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant10



n78a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_16 QAM\_3750MHz\_Outer\_Full\_Ant10



n78a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_64 QAM\_3750MHz\_Outer\_Full\_Ant10

