

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 Test Result

#### 1.1.1 30\_S\_10M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Edge 1RB Left   | 22.17                | /     | /   | 15.99     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.24                | /     | /   | 16.06     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.22                | /     | /   | 19.04     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.79                | /     | /   | 19.61     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.68                | /     | /   | 19.50     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.73                | /     | /   | 19.55     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 22.46                | /     | /   | 16.28     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.40                | /     | /   | 16.22     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.46                | /     | /   | 19.28     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.02                | /     | /   | 19.84     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.97                | /     | /   | 19.79     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.95                | /     | /   | 19.77     | /     | /   | <=30  | Pass    |
|                                     | 3975            | Edge 1RB Left   | 22.79                | /     | /   | 16.61     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.82                | /     | /   | 16.64     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.83                | /     | /   | 19.65     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.24                | /     | /   | 20.06     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.21                | /     | /   | 20.03     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.27                | /     | /   | 20.09     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Edge 1RB Left   | 22.12                | /     | /   | 15.94     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.15                | /     | /   | 15.97     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.81                | /     | /   | 18.63     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.76                | /     | /   | 19.58     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.62                | /     | /   | 19.44     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.68                | /     | /   | 19.50     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 22.47                | /     | /   | 16.29     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.38                | /     | /   | 16.20     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.00                | /     | /   | 18.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.05                | /     | /   | 19.87     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.94                | /     | /   | 19.76     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.90                | /     | /   | 19.72     | /     | /   | <=30  | Pass    |
|                                     | 3975            | Edge 1RB Left   | 22.76                | /     | /   | 16.58     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.73                | /     | /   | 16.55     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.34                | /     | /   | 19.16     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.27                | /     | /   | 20.09     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.15                | /     | /   | 19.97     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.22                | /     | /   | 20.04     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3705            | Edge 1RB Left   | 22.00                | /     | /   | 15.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.10                | /     | /   | 15.92     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 23.86                | /     | /   | 17.68     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.74                | /     | /   | 18.56     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.53                | /     | /   | 18.35     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.53                | /     | /   | 18.35     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.06                | /     | /   | 17.88     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.96                | /     | /   | 18.78     | /     | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Inner_1RB_Left  | 24.83 | / | / | 18.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.74 | / | / | 18.56 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 22.67 | / | / | 16.49 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.65 | / | / | 16.47 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.34 | / | / | 18.16 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.19 | / | / | 19.01 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.99 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.12 | / | / | 18.94 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3705 | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.24 | / | / | 17.06 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.24 | / | / | 17.06 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.24 | / | / | 17.06 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.42 | / | / | 16.24 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.37 | / | / | 16.19 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.49 | / | / | 17.31 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.48 | / | / | 17.30 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.46 | / | / | 17.28 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.41 | / | / | 17.23 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 22.75 | / | / | 16.57 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.81 | / | / | 16.63 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.79 | / | / | 17.61 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.90 | / | / | 17.72 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.68 | / | / | 17.50 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.86 | / | / | 17.68 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3705 | Edge_1RB_Left   | 21.21 | / | / | 15.03 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.28 | / | / | 15.10 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.24 | / | / | 15.06 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.33 | / | / | 15.15 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.22 | / | / | 15.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 21.45 | / | / | 15.27 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.42 | / | / | 15.24 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.47 | / | / | 15.29 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.55 | / | / | 15.37 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.43 | / | / | 15.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.42 | / | / | 15.24 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 21.74 | / | / | 15.56 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.76 | / | / | 15.58 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.87 | / | / | 15.69 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.71 | / | / | 15.53 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3705 | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.36 | / | / | 18.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.28 | / | / | 18.10 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.33 | / | / | 18.15 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.56 | / | / | 16.38 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.44 | / | / | 16.26 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.99 | / | / | 16.81 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.50 | / | / | 18.32 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.57 | / | / | 18.39 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.45 | / | / | 18.27 | / | / | <=30 | Pass |

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                 | 3975 | Edge_1RB_Left   | 22.86 | / | / | 16.68 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.96 | / | / | 16.78 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.32 | / | / | 17.14 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.87 | / | / | 18.69 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 24.86 | / | / | 18.68 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 24.76 | / | / | 18.58 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3705 | Edge_1RB_Left   | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.82 | / | / | 16.64 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 23.73 | / | / | 17.55 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 23.61 | / | / | 17.43 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 23.69 | / | / | 17.51 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.37 | / | / | 16.19 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.00 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 23.96 | / | / | 17.78 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 23.85 | / | / | 17.67 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 23.81 | / | / | 17.63 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 22.70 | / | / | 16.52 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.38 | / | / | 17.20 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.27 | / | / | 18.09 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 24.15 | / | / | 17.97 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 24.26 | / | / | 18.08 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3705 | Edge_1RB_Left   | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.45 | / | / | 16.27 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.51 | / | / | 16.33 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.45 | / | / | 16.27 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.78 | / | / | 16.60 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.90 | / | / | 16.72 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.84 | / | / | 16.66 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.75 | / | / | 16.57 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.80 | / | / | 16.62 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3705 | Edge_1RB_Left   | 19.15 | / | / | 12.97 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.25 | / | / | 13.07 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.26 | / | / | 13.08 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.21 | / | / | 13.03 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 19.49 | / | / | 13.31 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.48 | / | / | 13.30 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.49 | / | / | 13.31 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.55 | / | / | 13.37 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.56 | / | / | 13.38 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.44 | / | / | 13.26 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 19.80 | / | / | 13.62 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.89 | / | / | 13.71 | / | / | <=30 | Pass |

|                                          |  |                 |       |   |   |       |   |   |      |      |
|------------------------------------------|--|-----------------|-------|---|---|-------|---|---|------|------|
|                                          |  | Outer_Full      | 19.90 | / | / | 13.72 | / | / | <=30 | Pass |
|                                          |  | Inner_Full      | 19.90 | / | / | 13.72 | / | / | <=30 | Pass |
|                                          |  | Inner_1RB_Left  | 19.72 | / | / | 13.54 | / | / | <=30 | Pass |
|                                          |  | Inner_1RB_Right | 19.83 | / | / | 13.65 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;     |  |                 |       |   |   |       |   |   |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |  |                 |       |   |   |       |   |   |      |      |

### 1.1.2 30\_S\_20M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 20MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Edge_1RB_Left   | 22.37                | /     | /   | 16.19     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.38                | /     | /   | 16.20     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.35                | /     | /   | 19.17     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.78                | /     | /   | 19.60     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.77                | /     | /   | 19.59     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.89                | /     | /   | 19.71     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.49                | /     | /   | 16.31     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.36                | /     | /   | 16.18     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.44                | /     | /   | 19.26     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.05                | /     | /   | 19.87     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.00                | /     | /   | 19.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.90                | /     | /   | 19.72     | /     | /   | <=30  | Pass    |
|                                     | 3969.99         | Edge_1RB_Left   | 22.85                | /     | /   | 16.67     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.90                | /     | /   | 16.72     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.91                | /     | /   | 19.73     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.39                | /     | /   | 20.21     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.33                | /     | /   | 20.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.42                | /     | /   | 20.24     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3710.01         | Edge_1RB_Left   | 22.18                | /     | /   | 16.00     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.29                | /     | /   | 16.11     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.80                | /     | /   | 18.62     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.76                | /     | /   | 19.58     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.70                | /     | /   | 19.52     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.83                | /     | /   | 19.65     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.41                | /     | /   | 16.23     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.00                | /     | /   | 18.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.98                | /     | /   | 19.80     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.00                | /     | /   | 19.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.81                | /     | /   | 19.63     | /     | /   | <=30  | Pass    |
|                                     | 3969.99         | Edge_1RB_Left   | 22.79                | /     | /   | 16.61     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.90                | /     | /   | 16.72     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.40                | /     | /   | 19.22     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.35                | /     | /   | 20.17     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.29                | /     | /   | 20.11     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.39                | /     | /   | 20.21     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3710.01         | Edge_1RB_Left   | 22.08                | /     | /   | 15.90     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.19                | /     | /   | 16.01     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 23.79                | /     | /   | 17.61     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.83                | /     | /   | 18.65     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.63                | /     | /   | 18.45     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.80                | /     | /   | 18.62     | /     | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3840    | Edge_1RB_Left   | 22.36 | / | / | 16.18 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.03 | / | / | 17.85 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.04 | / | / | 18.86 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.82 | / | / | 18.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.70 | / | / | 18.52 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 22.68 | / | / | 16.50 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.79 | / | / | 16.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.41 | / | / | 18.23 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.39 | / | / | 19.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.05 | / | / | 18.87 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3710.01 | Inner_1RB_Right | 25.23 | / | / | 19.05 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.37 | / | / | 16.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.29 | / | / | 17.11 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.31 | / | / | 17.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Right | 23.38 | / | / | 17.20 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.50 | / | / | 16.32 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.40 | / | / | 16.22 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.53 | / | / | 17.35 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.54 | / | / | 17.36 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.52 | / | / | 17.34 | / | / | <=30 | Pass |
|                    | 3969.99 | Inner_1RB_Right | 23.42 | / | / | 17.24 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.80 | / | / | 16.62 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.91 | / | / | 17.73 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.91 | / | / | 17.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.86 | / | / | 17.68 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3710.01 | Inner_1RB_Right | 23.93 | / | / | 17.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.28 | / | / | 15.10 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.35 | / | / | 15.17 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.28 | / | / | 15.10 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.29 | / | / | 15.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.24 | / | / | 15.06 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Right | 21.32 | / | / | 15.14 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.48 | / | / | 15.30 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.37 | / | / | 15.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.52 | / | / | 15.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.59 | / | / | 15.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.49 | / | / | 15.31 | / | / | <=30 | Pass |
|                    | 3969.99 | Inner_1RB_Right | 21.43 | / | / | 15.25 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.83 | / | / | 15.65 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.88 | / | / | 15.70 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.92 | / | / | 15.74 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.95 | / | / | 15.77 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.88 | / | / | 15.70 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3710.01 | Inner_1RB_Right | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.39 | / | / | 16.21 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.30 | / | / | 18.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.44 | / | / | 18.26 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Right | 24.37 | / | / | 18.19 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.59 | / | / | 16.41 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.43 | / | / | 16.25 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Outer_Full      | 22.99 | / | / | 16.81 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.57 | / | / | 18.39 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.64 | / | / | 18.46 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.42 | / | / | 18.24 | / | / | <=30 | Pass |
|                 | 3969.99 | Edge_1RB_Left   | 22.94 | / | / | 16.76 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.97 | / | / | 16.79 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.35 | / | / | 17.17 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.91 | / | / | 18.73 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.99 | / | / | 18.81 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.99 | / | / | 18.81 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3710.01 | Outer_Full      | 22.81 | / | / | 16.63 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.78 | / | / | 17.60 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.76 | / | / | 17.58 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.72 | / | / | 17.54 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.42 | / | / | 16.24 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.32 | / | / | 16.14 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.00 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.06 | / | / | 17.88 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.94 | / | / | 17.76 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.77 | / | / | 17.59 | / | / | <=30 | Pass |
|                 | 3969.99 | Edge_1RB_Left   | 22.72 | / | / | 16.54 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.73 | / | / | 16.55 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.39 | / | / | 17.21 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.43 | / | / | 18.25 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.24 | / | / | 18.06 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.33 | / | / | 18.15 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3710.01 | Edge_1RB_Left   | 22.26 | / | / | 16.08 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.34 | / | / | 16.16 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.35 | / | / | 16.17 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.48 | / | / | 16.30 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.39 | / | / | 16.21 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.43 | / | / | 16.25 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.60 | / | / | 16.42 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.42 | / | / | 16.24 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.36 | / | / | 16.18 | / | / | <=30 | Pass |
|                 | 3969.99 | Edge_1RB_Left   | 22.89 | / | / | 16.71 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.91 | / | / | 16.73 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.87 | / | / | 16.69 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.86 | / | / | 16.68 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.88 | / | / | 16.70 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3710.01 | Edge_1RB_Left   | 19.31 | / | / | 13.13 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.43 | / | / | 13.25 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.24 | / | / | 13.06 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.40 | / | / | 13.22 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.33 | / | / | 13.15 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.40 | / | / | 13.22 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 19.50 | / | / | 13.32 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.39 | / | / | 13.21 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.50 | / | / | 13.32 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.58 | / | / | 13.40 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |         | Inner_1RB_Left  | 19.50 | / | / | 13.32 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.38 | / | / | 13.20 | / | / | <=30 | Pass |
|                                                                                  | 3969.99 | Edge_1RB_Left   | 19.87 | / | / | 13.69 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 20.01 | / | / | 13.83 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.96 | / | / | 13.78 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.97 | / | / | 13.79 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.84 | / | / | 13.66 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.96 | / | / | 13.78 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.3 30\_S\_30M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 30MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Edge_1RB_Left   | 22.18                | /     | /   | 16.00     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.25                | /     | /   | 16.07     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.27                | /     | /   | 19.09     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.74                | /     | /   | 19.56     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.75                | /     | /   | 19.57     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.83                | /     | /   | 19.65     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.44                | /     | /   | 16.26     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.36                | /     | /   | 16.18     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.51                | /     | /   | 19.33     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.00                | /     | /   | 19.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.99                | /     | /   | 19.81     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.89                | /     | /   | 19.71     | /     | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 22.91                | /     | /   | 16.73     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.00                | /     | /   | 16.82     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.93                | /     | /   | 19.75     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.44                | /     | /   | 20.26     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.43                | /     | /   | 20.25     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.44                | /     | /   | 20.26     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3715.02         | Edge_1RB_Left   | 22.08                | /     | /   | 15.90     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.22                | /     | /   | 16.04     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.77                | /     | /   | 18.59     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.74                | /     | /   | 19.56     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.60                | /     | /   | 19.42     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.77                | /     | /   | 19.59     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.48                | /     | /   | 16.30     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.04                | /     | /   | 18.86     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.98                | /     | /   | 19.80     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.97                | /     | /   | 19.79     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.80                | /     | /   | 19.62     | /     | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 22.88                | /     | /   | 16.70     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.85                | /     | /   | 16.67     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.47                | /     | /   | 19.29     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.36                | /     | /   | 20.18     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.36                | /     | /   | 20.18     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.41                | /     | /   | 20.23     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3715.02         | Edge_1RB_Left   | 21.99                | /     | /   | 15.81     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.21                | /     | /   | 16.03     | /     | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 23.74 | / | / | 17.56 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.68 | / | / | 18.50 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.52 | / | / | 18.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.70 | / | / | 18.52 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.08 | / | / | 17.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.97 | / | / | 18.79 | / | / | <=30 | Pass |
|                    | 3964.98 | Inner_1RB_Left  | 24.80 | / | / | 18.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.66 | / | / | 18.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.85 | / | / | 16.67 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.82 | / | / | 16.64 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3715.02 | Outer_Full      | 24.39 | / | / | 18.21 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.32 | / | / | 19.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.31 | / | / | 19.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.20 | / | / | 19.02 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.27 | / | / | 17.09 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.28 | / | / | 17.10 | / | / | <=30 | Pass |
|                    | 3964.98 | Inner_1RB_Left  | 23.19 | / | / | 17.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.38 | / | / | 17.20 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.53 | / | / | 16.35 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3715.02 | Outer_Full      | 23.54 | / | / | 17.36 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.55 | / | / | 17.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.49 | / | / | 17.31 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.34 | / | / | 17.16 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.88 | / | / | 16.70 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.93 | / | / | 17.75 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.95 | / | / | 17.77 | / | / | <=30 | Pass |
|                    | 3964.98 | Inner_1RB_Left  | 23.98 | / | / | 17.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.94 | / | / | 17.76 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.13 | / | / | 14.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.23 | / | / | 15.05 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3715.02 | Outer_Full      | 21.21 | / | / | 15.03 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.17 | / | / | 14.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.07 | / | / | 14.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 21.50 | / | / | 15.32 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.35 | / | / | 15.17 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.50 | / | / | 15.32 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.46 | / | / | 15.28 | / | / | <=30 | Pass |
|                    | 3964.98 | Inner_1RB_Left  | 21.47 | / | / | 15.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.35 | / | / | 15.17 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.95 | / | / | 15.77 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.93 | / | / | 15.75 | / | / | <=30 | Pass |
|                    | 3715.02 | Outer_Full      | 21.82 | / | / | 15.64 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.99 | / | / | 15.81 | / | / | <=30 | Pass |
|                    | 3715.02 | Edge_1RB_Left   | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.29 | / | / | 18.11 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Inner_1RB_Left  | 24.26 | / | / | 18.08 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.27 | / | / | 18.09 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.61 | / | / | 16.43 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.99 | / | / | 16.81 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.56 | / | / | 18.38 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.65 | / | / | 18.47 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.40 | / | / | 18.22 | / | / | <=30 | Pass |
|                 | 3964.98 | Edge_1RB_Left   | 22.95 | / | / | 16.77 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.98 | / | / | 16.80 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.43 | / | / | 17.25 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.84 | / | / | 18.66 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.99 | / | / | 18.81 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.04 | / | / | 18.86 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3715.02 | Edge_1RB_Left   | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.69 | / | / | 16.51 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.74 | / | / | 17.56 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.59 | / | / | 17.41 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.84 | / | / | 17.66 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.35 | / | / | 16.17 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.32 | / | / | 16.14 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.01 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.02 | / | / | 17.84 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.93 | / | / | 17.75 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.71 | / | / | 17.53 | / | / | <=30 | Pass |
|                 | 3964.98 | Edge_1RB_Left   | 22.82 | / | / | 16.64 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.79 | / | / | 16.61 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.50 | / | / | 17.32 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 24.46 | / | / | 18.28 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 24.41 | / | / | 18.23 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 24.31 | / | / | 18.13 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3715.02 | Edge_1RB_Left   | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.49 | / | / | 16.31 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.43 | / | / | 16.25 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.49 | / | / | 16.31 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.49 | / | / | 16.31 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.53 | / | / | 16.35 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.41 | / | / | 16.23 | / | / | <=30 | Pass |
|                 | 3964.98 | Edge_1RB_Left   | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 23.03 | / | / | 16.85 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.97 | / | / | 16.79 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.97 | / | / | 16.79 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.96 | / | / | 16.78 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.02 | / | / | 16.84 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3715.02 | Edge_1RB_Left   | 19.13 | / | / | 12.95 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.28 | / | / | 13.10 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.17 | / | / | 12.99 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  | 3840    | Edge_1RB_Left   | 19.49 | / | / | 13.31 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.43 | / | / | 13.25 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.51 | / | / | 13.33 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.52 | / | / | 13.34 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.53 | / | / | 13.35 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.40 | / | / | 13.22 | / | / | <=30 | Pass |
|                                                                                  | 3964.98 | Edge_1RB_Left   | 19.88 | / | / | 13.70 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.96 | / | / | 13.78 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 20.01 | / | / | 13.83 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.90 | / | / | 13.72 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.99 | / | / | 13.81 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.86 | / | / | 13.68 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

#### 1.1.4 30\_S\_40M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 40MHz NTNv |                 |                 |                      |       |     |           |       |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                      |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3720            | Edge_1RB_Left   | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.24                | /     | /   | 16.06     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.35                | /     | /   | 19.17     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 25.91                | /     | /   | 19.73     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 25.84                | /     | /   | 19.66     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.77                | /     | /   | 19.59     | /     | /   | <=30  | Pass    |
|                                      | 3840            | Edge_1RB_Left   | 22.54                | /     | /   | 16.36     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.46                | /     | /   | 16.28     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.52                | /     | /   | 19.34     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 26.00                | /     | /   | 19.82     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 26.08                | /     | /   | 19.90     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.82                | /     | /   | 19.64     | /     | /   | <=30  | Pass    |
|                                      | 3960            | Edge_1RB_Left   | 22.88                | /     | /   | 16.70     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.98                | /     | /   | 16.80     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.94                | /     | /   | 19.76     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 26.28                | /     | /   | 20.10     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 26.38                | /     | /   | 20.20     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 26.48                | /     | /   | 20.30     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                      | 3720            | Edge_1RB_Left   | 22.31                | /     | /   | 16.13     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.24                | /     | /   | 16.06     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 24.88                | /     | /   | 18.70     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 25.88                | /     | /   | 19.70     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 25.80                | /     | /   | 19.62     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.78                | /     | /   | 19.60     | /     | /   | <=30  | Pass    |
|                                      | 3840            | Edge_1RB_Left   | 22.59                | /     | /   | 16.41     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.34                | /     | /   | 16.16     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.00                | /     | /   | 18.82     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 26.02                | /     | /   | 19.84     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 26.09                | /     | /   | 19.91     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.82                | /     | /   | 19.64     | /     | /   | <=30  | Pass    |
|                                      | 3960            | Edge_1RB_Left   | 22.88                | /     | /   | 16.70     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.88                | /     | /   | 16.70     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.34                | /     | /   | 19.16     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 26.31                | /     | /   | 20.13     | /     | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 16 QAM  | 3720 | Inner_1RB_Left  | 26.42 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.34 | / | / | 20.16 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.17 | / | / | 15.99 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.87 | / | / | 17.69 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.86 | / | / | 18.68 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.62 | / | / | 18.44 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.60 | / | / | 18.42 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.00 | / | / | 17.82 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.98 | / | / | 18.80 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.94 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.74 | / | / | 18.56 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.78 | / | / | 16.60 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.89 | / | / | 16.71 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.35 | / | / | 18.17 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.35 | / | / | 19.17 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3720 | Inner_1RB_Left  | 25.34 | / | / | 19.16 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.20 | / | / | 19.02 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.34 | / | / | 16.16 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.42 | / | / | 17.24 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.39 | / | / | 17.21 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.60 | / | / | 16.42 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.40 | / | / | 16.22 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.50 | / | / | 17.32 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.52 | / | / | 17.34 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.66 | / | / | 17.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.33 | / | / | 17.15 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 22.88 | / | / | 16.70 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.91 | / | / | 16.73 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.90 | / | / | 17.72 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.81 | / | / | 17.63 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3720 | Inner_1RB_Left  | 23.95 | / | / | 17.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.94 | / | / | 17.76 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 21.30 | / | / | 15.12 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.37 | / | / | 15.19 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.39 | / | / | 15.21 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.30 | / | / | 15.12 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.27 | / | / | 15.09 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 21.57 | / | / | 15.39 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.38 | / | / | 15.20 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.46 | / | / | 15.28 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.49 | / | / | 15.31 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.49 | / | / | 15.31 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.40 | / | / | 15.22 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.86 | / | / | 15.68 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3960 | Inner_1RB_Left  | 21.92 | / | / | 15.74 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM QPSK    | 3720 | Edge_1RB_Left   | 22.40 | / | / | 16.22 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.83 | / | / | 16.65 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.41 | / | / | 18.23 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 24.38 | / | / | 18.20 | / | / | <=30 | Pass |
|                 | 3840 | Inner_1RB_Right | 24.33 | / | / | 18.15 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.57 | / | / | 16.39 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.41 | / | / | 16.23 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.97 | / | / | 16.79 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.53 | / | / | 18.35 | / | / | <=30 | Pass |
|                 | 3960 | Inner_1RB_Left  | 24.61 | / | / | 18.43 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 24.39 | / | / | 18.21 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.99 | / | / | 16.81 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 23.00 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.38 | / | / | 17.20 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3720 | Inner_Full      | 24.82 | / | / | 18.64 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.05 | / | / | 18.87 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.03 | / | / | 18.85 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                 | 3840 | Outer_Full      | 22.84 | / | / | 16.66 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 23.91 | / | / | 17.73 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 23.68 | / | / | 17.50 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 23.66 | / | / | 17.48 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.34 | / | / | 16.16 | / | / | <=30 | Pass |
|                 | 3960 | Edge_1RB_Right  | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.00 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.01 | / | / | 17.83 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 23.93 | / | / | 17.75 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 23.79 | / | / | 17.61 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3720 | Edge_1RB_Left   | 22.83 | / | / | 16.65 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.72 | / | / | 16.54 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.33 | / | / | 17.15 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 24.36 | / | / | 18.18 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 24.44 | / | / | 18.26 | / | / | <=30 | Pass |
|                 | 3840 | Inner_1RB_Right | 24.40 | / | / | 18.22 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.48 | / | / | 16.30 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.50 | / | / | 16.32 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.47 | / | / | 16.29 | / | / | <=30 | Pass |
|                 | 3960 | Inner_1RB_Left  | 22.53 | / | / | 16.35 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.37 | / | / | 16.19 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.89 | / | / | 16.71 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 23.01 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.86 | / | / | 16.68 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3720 | Inner_Full      | 22.83 | / | / | 16.65 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.98 | / | / | 16.80 | / | / | <=30 | Pass |
|                 | 3720 | Inner_1RB_Right | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.34 | / | / | 13.16 | / | / | <=30 | Pass |

|  |      |                 |       |   |   |       |   |   |      |      |
|--|------|-----------------|-------|---|---|-------|---|---|------|------|
|  |      | Outer_Full      | 19.33 | / | / | 13.15 | / | / | <=30 | Pass |
|  |      | Inner_Full      | 19.44 | / | / | 13.26 | / | / | <=30 | Pass |
|  |      | Inner_1RB_Left  | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|  |      | Inner_1RB_Right | 19.33 | / | / | 13.15 | / | / | <=30 | Pass |
|  | 3840 | Edge_1RB_Left   | 19.62 | / | / | 13.44 | / | / | <=30 | Pass |
|  |      | Edge_1RB_Right  | 19.33 | / | / | 13.15 | / | / | <=30 | Pass |
|  |      | Outer_Full      | 19.52 | / | / | 13.34 | / | / | <=30 | Pass |
|  |      | Inner_Full      | 19.55 | / | / | 13.37 | / | / | <=30 | Pass |
|  | 3960 | Inner_1RB_Left  | 19.63 | / | / | 13.45 | / | / | <=30 | Pass |
|  |      | Inner_1RB_Right | 19.38 | / | / | 13.20 | / | / | <=30 | Pass |
|  |      | Edge_1RB_Left   | 19.99 | / | / | 13.81 | / | / | <=30 | Pass |
|  |      | Edge_1RB_Right  | 19.90 | / | / | 13.72 | / | / | <=30 | Pass |
|  |      | Outer_Full      | 19.88 | / | / | 13.70 | / | / | <=30 | Pass |
|  |      | Inner_Full      | 19.85 | / | / | 13.67 | / | / | <=30 | Pass |
|  |      | Inner_1RB_Left  | 20.03 | / | / | 13.85 | / | / | <=30 | Pass |
|  |      | Inner_1RB_Right | 20.06 | / | / | 13.88 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant2: -6.18dBi;

Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.5 30\_S\_50M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 50MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Edge_1RB_Left   | 22.01                | /     | /   | 15.83     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.89                | /     | /   | 15.71     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.09                | /     | /   | 18.91     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.62                | /     | /   | 19.44     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.56                | /     | /   | 19.38     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.35                | /     | /   | 19.17     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.18                | /     | /   | 16.00     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.20                | /     | /   | 16.02     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.29                | /     | /   | 19.11     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.81                | /     | /   | 19.63     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.77                | /     | /   | 19.59     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.71                | /     | /   | 19.53     | /     | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 22.75                | /     | /   | 16.57     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.77                | /     | /   | 16.59     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.74                | /     | /   | 19.56     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.15                | /     | /   | 19.97     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.20                | /     | /   | 20.02     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.21                | /     | /   | 20.03     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3725.01         | Edge_1RB_Left   | 21.96                | /     | /   | 15.78     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.82                | /     | /   | 15.64     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.56                | /     | /   | 18.38     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.60                | /     | /   | 19.42     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.57                | /     | /   | 19.39     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.34                | /     | /   | 19.16     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.20                | /     | /   | 16.02     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.14                | /     | /   | 15.96     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.72                | /     | /   | 18.54     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.75                | /     | /   | 19.57     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.69                | /     | /   | 19.51     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.70                | /     | /   | 19.52     | /     | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3954.99 | Edge_1RB_Left   | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.67 | / | / | 16.49 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.25 | / | / | 19.07 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.17 | / | / | 19.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.18 | / | / | 20.00 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.13 | / | / | 19.95 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3725.01 | Edge_1RB_Left   | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.75 | / | / | 15.57 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.58 | / | / | 17.40 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.65 | / | / | 18.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.41 | / | / | 18.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.21 | / | / | 18.03 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.09 | / | / | 15.91 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.82 | / | / | 17.64 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.75 | / | / | 18.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.62 | / | / | 18.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.51 | / | / | 18.33 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 22.64 | / | / | 16.46 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.62 | / | / | 16.44 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.16 | / | / | 17.98 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.18 | / | / | 19.00 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.05 | / | / | 18.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.01 | / | / | 18.83 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3725.01 | Edge_1RB_Left   | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.91 | / | / | 15.73 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.07 | / | / | 16.89 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.17 | / | / | 16.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.09 | / | / | 16.91 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.96 | / | / | 16.78 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.31 | / | / | 17.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.33 | / | / | 17.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.26 | / | / | 17.08 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 22.81 | / | / | 16.63 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.79 | / | / | 17.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.75 | / | / | 17.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.73 | / | / | 17.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.77 | / | / | 17.59 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Edge_1RB_Left   | 21.05 | / | / | 14.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.88 | / | / | 14.70 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.09 | / | / | 14.91 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.08 | / | / | 14.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.05 | / | / | 14.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.92 | / | / | 14.74 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 21.24 | / | / | 15.06 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.28 | / | / | 15.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.26 | / | / | 15.08 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 21.73 | / | / | 15.55 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.83 | / | / | 15.65 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM QPSK   |         | Outer_Full      | 21.74 | / | / | 15.56 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.64 | / | / | 15.46 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.77 | / | / | 15.59 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
|                | 3725.01 | Edge_1RB_Left   | 22.09 | / | / | 15.91 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.92 | / | / | 15.74 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.58 | / | / | 16.40 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.13 | / | / | 17.95 | / | / | <=30 | Pass |
|                | 3840    | Inner_1RB_Left  | 24.14 | / | / | 17.96 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.95 | / | / | 17.77 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                | 3954.99 | Outer_Full      | 22.77 | / | / | 16.59 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.31 | / | / | 18.13 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3725.01 | Inner_1RB_Left  | 24.33 | / | / | 18.15 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.21 | / | / | 18.03 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.74 | / | / | 16.56 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                | 3840    | Outer_Full      | 23.28 | / | / | 17.10 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.75 | / | / | 18.57 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.78 | / | / | 18.60 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.78 | / | / | 18.60 | / | / | <=30 | Pass |
|                | 3954.99 | Edge_1RB_Left   | 21.95 | / | / | 15.77 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.80 | / | / | 15.62 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.58 | / | / | 16.40 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.63 | / | / | 17.45 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3725.01 | Inner_1RB_Left  | 23.50 | / | / | 17.32 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.30 | / | / | 17.12 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.09 | / | / | 15.91 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.75 | / | / | 16.57 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.85 | / | / | 17.67 | / | / | <=30 | Pass |
|                | 3954.99 | Inner_1RB_Left  | 23.71 | / | / | 17.53 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.65 | / | / | 17.47 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.55 | / | / | 16.37 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.60 | / | / | 16.42 | / | / | <=30 | Pass |
|                | 3840    | Outer_Full      | 23.27 | / | / | 17.09 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.15 | / | / | 17.97 | / | / | <=30 | Pass |
|                | 3954.99 | Inner_1RB_Left  | 24.16 | / | / | 17.98 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.11 | / | / | 17.93 | / | / | <=30 | Pass |
|                | 3725.01 | Edge_1RB_Left   | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.93 | / | / | 15.75 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                | 3840    | Inner_1RB_Left  | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                | 3954.99 | Outer_Full      | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.26 | / | / | 16.08 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 22.64 | / | / | 16.46 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.69 | / | / | 16.51 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.77 | / | / | 16.59 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |

|                                          |         |                 |       |   |   |       |   |   |      |      |
|------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                          |         | Inner_1RB_Left  | 22.75 | / | / | 16.57 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Right | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                          | 3725.01 | Edge_1RB_Left   | 19.03 | / | / | 12.85 | / | / | <=30 | Pass |
|                                          |         | Edge_1RB_Right  | 18.89 | / | / | 12.71 | / | / | <=30 | Pass |
|                                          |         | Outer_Full      | 19.06 | / | / | 12.88 | / | / | <=30 | Pass |
|                                          |         | Inner_Full      | 19.11 | / | / | 12.93 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Left  | 19.06 | / | / | 12.88 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Right | 18.91 | / | / | 12.73 | / | / | <=30 | Pass |
|                                          |         | Edge_1RB_Left   | 19.28 | / | / | 13.10 | / | / | <=30 | Pass |
|                                          |         | Edge_1RB_Right  | 19.28 | / | / | 13.10 | / | / | <=30 | Pass |
|                                          | 3840    | Outer_Full      | 19.24 | / | / | 13.06 | / | / | <=30 | Pass |
|                                          |         | Inner_Full      | 19.27 | / | / | 13.09 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Left  | 19.30 | / | / | 13.12 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Right | 19.21 | / | / | 13.03 | / | / | <=30 | Pass |
|                                          |         | Edge_1RB_Left   | 19.72 | / | / | 13.54 | / | / | <=30 | Pass |
|                                          |         | Edge_1RB_Right  | 19.74 | / | / | 13.56 | / | / | <=30 | Pass |
|                                          | 3954.99 | Outer_Full      | 19.76 | / | / | 13.58 | / | / | <=30 | Pass |
|                                          |         | Inner_Full      | 19.71 | / | / | 13.53 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Left  | 19.76 | / | / | 13.58 | / | / | <=30 | Pass |
|                                          |         | Inner_1RB_Right | 19.76 | / | / | 13.58 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;     |         |                 |       |   |   |       |   |   |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.6 30\_S\_60M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 60MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Edge_1RB_Left   | 21.99                | /     | /   | 15.81     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.07                | /     | /   | 15.89     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.09                | /     | /   | 18.91     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.65                | /     | /   | 19.47     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.55                | /     | /   | 19.37     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.51                | /     | /   | 19.33     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.21                | /     | /   | 16.03     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.12                | /     | /   | 15.94     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.23                | /     | /   | 19.05     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.80                | /     | /   | 19.62     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.72                | /     | /   | 19.54     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.67                | /     | /   | 19.49     | /     | /   | <=30  | Pass    |
|                                     | 3949.98         | Edge_1RB_Left   | 22.40                | /     | /   | 16.22     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.26                | /     | /   | 16.08     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.46                | /     | /   | 19.28     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.97                | /     | /   | 19.79     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.91                | /     | /   | 19.73     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.78                | /     | /   | 19.60     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Edge_1RB_Left   | 22.04                | /     | /   | 15.86     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.12                | /     | /   | 15.94     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.57                | /     | /   | 18.39     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.60                | /     | /   | 19.42     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.56                | /     | /   | 19.38     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.58                | /     | /   | 19.40     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.15                | /     | /   | 15.97     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.09                | /     | /   | 15.91     | /     | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 24.71 | / | / | 18.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.77 | / | / | 19.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.70 | / | / | 19.52 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.60 | / | / | 19.42 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 22.28 | / | / | 16.10 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.99 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.03 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.74 | / | / | 19.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.75 | / | / | 19.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.01 | / | / | 15.83 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.02 | / | / | 15.84 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3730.02 | Outer_Full      | 23.63 | / | / | 17.45 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.65 | / | / | 18.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.40 | / | / | 18.22 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.47 | / | / | 18.29 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.03 | / | / | 15.85 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.00 | / | / | 15.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.71 | / | / | 17.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.76 | / | / | 18.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.59 | / | / | 18.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.44 | / | / | 18.26 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.99 | / | / | 17.81 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.96 | / | / | 18.78 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.61 | / | / | 18.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.64 | / | / | 18.46 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3730.02 | Edge_1RB_Left   | 22.02 | / | / | 15.84 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.12 | / | / | 16.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.17 | / | / | 16.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.11 | / | / | 16.93 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.16 | / | / | 16.98 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.35 | / | / | 17.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.32 | / | / | 17.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.36 | / | / | 16.18 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.44 | / | / | 17.26 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.52 | / | / | 17.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.30 | / | / | 17.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.35 | / | / | 17.17 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3730.02 | Edge_1RB_Left   | 20.98 | / | / | 14.80 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.10 | / | / | 14.92 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.15 | / | / | 14.97 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.09 | / | / | 14.91 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.99 | / | / | 14.81 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.04 | / | / | 14.86 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 21.26 | / | / | 15.08 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.13 | / | / | 14.95 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.24 | / | / | 15.06 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.29 | / | / | 15.11 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                | 3949.98 | Inner_1RB_Left  | 21.26 | / | / | 15.08 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.18 | / | / | 15.00 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.34 | / | / | 15.16 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.37 | / | / | 15.19 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.37 | / | / | 15.19 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.49 | / | / | 15.31 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.35 | / | / | 15.17 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.39 | / | / | 15.21 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3730.02 | Edge_1RB_Left   | 22.09 | / | / | 15.91 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.58 | / | / | 16.40 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.22 | / | / | 18.04 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.06 | / | / | 17.88 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.13 | / | / | 17.95 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.71 | / | / | 16.53 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.31 | / | / | 18.13 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.35 | / | / | 18.17 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.21 | / | / | 18.03 | / | / | <=30 | Pass |
|                | 3949.98 | Edge_1RB_Left   | 22.41 | / | / | 16.23 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.96 | / | / | 16.78 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.52 | / | / | 18.34 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.27 | / | / | 18.09 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.28 | / | / | 18.10 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3730.02 | Edge_1RB_Left   | 21.97 | / | / | 15.79 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.02 | / | / | 15.84 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.64 | / | / | 16.46 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.60 | / | / | 17.42 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.48 | / | / | 17.30 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.56 | / | / | 17.38 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.72 | / | / | 16.54 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.74 | / | / | 17.56 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.58 | / | / | 17.40 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.49 | / | / | 17.31 | / | / | <=30 | Pass |
|                | 3949.98 | Edge_1RB_Left   | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.84 | / | / | 16.66 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.99 | / | / | 17.81 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.75 | / | / | 17.57 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.64 | / | / | 17.46 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3730.02 | Edge_1RB_Left   | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.06 | / | / | 15.88 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |

|                                                                                  |         |                 |                 |       |   |       |       |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-----------------|-------|---|-------|-------|---|------|------|
|                                                                                  | 3949.98 | Edge_1RB_Left   | 22.24           | /     | / | 16.06 | /     | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 22.22           | /     | / | 16.04 | /     | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 22.51           | /     | / | 16.33 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 22.46           | /     | / | 16.28 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 22.19           | /     | / | 16.01 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 22.24           | /     | / | 16.06 | /     | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3730.02 | Edge_1RB_Left   | 19.12           | /     | / | 12.94 | /     | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.06           | /     | / | 12.88 | /     | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.16           | /     | / | 12.98 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.12           | /     | / | 12.94 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.11           | /     | / | 12.93 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.12           | /     | / | 12.94 | /     | / | <=30 | Pass |
|                                                                                  | 3840    | Edge_1RB_Left   | 19.29           | /     | / | 13.11 | /     | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.19           | /     | / | 13.01 | /     | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.26           | /     | / | 13.08 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.29           | /     | / | 13.11 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.20           | /     | / | 13.02 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.19           | /     | / | 13.01 | /     | / | <=30 | Pass |
|                                                                                  | 3949.98 | Edge_1RB_Left   | 19.35           | /     | / | 13.17 | /     | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.32           | /     | / | 13.14 | /     | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.50           | /     | / | 13.32 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.48           | /     | / | 13.30 | /     | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.37           | /     | / | 13.19 | /     | / | <=30 | Pass |
|                                                                                  |         |                 | Inner_1RB_Right | 19.36 | / | /     | 13.18 | / | /    | <=30 |
| Note1: Antenna Gain: Ant2: -6.18dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |                 |       |   |       |       |   |      |      |

### 1.1.7 30\_S\_70M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 70MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Edge_1RB_Left   | 21.84                | /     | /   | 15.66     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.21                | /     | /   | 16.03     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.07                | /     | /   | 18.89     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.62                | /     | /   | 19.44     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.41                | /     | /   | 19.23     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.70                | /     | /   | 19.52     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.15                | /     | /   | 15.97     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.08                | /     | /   | 15.90     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.19                | /     | /   | 19.01     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.67                | /     | /   | 19.49     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.68                | /     | /   | 19.50     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.60                | /     | /   | 19.42     | /     | /   | <=30  | Pass    |
|                                     | 3945            | Edge_1RB_Left   | 22.22                | /     | /   | 16.04     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.25                | /     | /   | 16.07     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.31                | /     | /   | 19.13     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.89                | /     | /   | 19.71     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.68                | /     | /   | 19.50     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.65                | /     | /   | 19.47     | /     | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3735            | Edge_1RB_Left   | 21.86                | /     | /   | 15.68     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.10                | /     | /   | 15.92     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.62                | /     | /   | 18.44     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.61                | /     | /   | 19.43     | /     | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Inner_1RB_Left  | 25.45 | / | / | 19.27 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.70 | / | / | 19.52 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.77 | / | / | 18.59 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.66 | / | / | 19.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.60 | / | / | 19.42 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.47 | / | / | 19.29 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.87 | / | / | 18.69 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.87 | / | / | 19.69 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.70 | / | / | 19.52 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.67 | / | / | 19.49 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3735 | Edge_1RB_Left   | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.66 | / | / | 17.48 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.56 | / | / | 18.38 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.22 | / | / | 18.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.50 | / | / | 18.32 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.67 | / | / | 17.49 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.63 | / | / | 18.45 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.55 | / | / | 18.37 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.48 | / | / | 18.30 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.99 | / | / | 15.81 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.85 | / | / | 17.67 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.86 | / | / | 18.68 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.61 | / | / | 18.43 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.47 | / | / | 18.29 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3735 | Edge_1RB_Left   | 22.00 | / | / | 15.82 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.13 | / | / | 16.95 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.13 | / | / | 16.95 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.00 | / | / | 16.82 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.27 | / | / | 17.09 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.16 | / | / | 16.98 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.40 | / | / | 17.22 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.36 | / | / | 17.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.29 | / | / | 17.11 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.19 | / | / | 17.01 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3735 | Edge_1RB_Left   | 20.93 | / | / | 14.75 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.14 | / | / | 14.96 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.94 | / | / | 14.76 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.18 | / | / | 15.00 | / | / | <=30 | Pass |

|                |      |                 |       |   |   |       |   |   |      |      |
|----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                | 3840 | Edge_1RB_Left   | 21.17 | / | / | 14.99 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 21.15 | / | / | 14.97 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.22 | / | / | 15.04 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.20 | / | / | 15.02 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                | 3945 | Edge_1RB_Left   | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 21.31 | / | / | 15.13 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 21.38 | / | / | 15.20 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.25 | / | / | 15.07 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3735 | Inner_1RB_Right | 21.14 | / | / | 14.96 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.00 | / | / | 15.82 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.23 | / | / | 16.05 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.57 | / | / | 16.39 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 24.00 | / | / | 17.82 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 24.03 | / | / | 17.85 | / | / | <=30 | Pass |
|                | 3840 | Inner_1RB_Right | 24.28 | / | / | 18.10 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.73 | / | / | 16.55 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 24.20 | / | / | 18.02 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 24.22 | / | / | 18.04 | / | / | <=30 | Pass |
|                | 3945 | Inner_1RB_Right | 24.26 | / | / | 18.08 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.28 | / | / | 16.10 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.83 | / | / | 16.65 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 24.37 | / | / | 18.19 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 24.30 | / | / | 18.12 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3735 | Inner_1RB_Right | 24.24 | / | / | 18.06 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 21.85 | / | / | 15.67 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.49 | / | / | 16.31 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 23.52 | / | / | 17.34 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 23.28 | / | / | 17.10 | / | / | <=30 | Pass |
|                | 3840 | Inner_1RB_Right | 23.60 | / | / | 17.42 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.61 | / | / | 16.43 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 23.74 | / | / | 17.56 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 23.58 | / | / | 17.40 | / | / | <=30 | Pass |
|                | 3945 | Inner_1RB_Right | 23.54 | / | / | 17.36 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.03 | / | / | 15.85 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.87 | / | / | 16.69 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 23.88 | / | / | 17.70 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 23.68 | / | / | 17.50 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3735 | Inner_1RB_Right | 23.62 | / | / | 17.44 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 21.87 | / | / | 15.69 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 21.95 | / | / | 15.77 | / | / | <=30 | Pass |
|                | 3840 | Inner_1RB_Right | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Left   | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |

|                                                                                  |      |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |      | Outer_Full      | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 22.09 | / | / | 15.91 | / | / | <=30 | Pass |
|                                                                                  | 3945 | Edge_1RB_Left   | 22.26 | / | / | 16.08 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 22.42 | / | / | 16.24 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3735 | Edge_1RB_Left   | 18.93 | / | / | 12.75 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.14 | / | / | 12.96 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.11 | / | / | 12.93 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 18.95 | / | / | 12.77 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                                                                                  | 3840 | Edge_1RB_Left   | 19.15 | / | / | 12.97 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.13 | / | / | 12.95 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.18 | / | / | 13.00 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                                                                                  | 3945 | Edge_1RB_Left   | 19.30 | / | / | 13.12 | / | / | <=30 | Pass |
|                                                                                  |      | Edge_1RB_Right  | 19.20 | / | / | 13.02 | / | / | <=30 | Pass |
|                                                                                  |      | Outer_Full      | 19.35 | / | / | 13.17 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_Full      | 19.33 | / | / | 13.15 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Left  | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |
|                                                                                  |      | Inner_1RB_Right | 19.25 | / | / | 13.07 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |      |                 |       |   |   |       |   |   |      |      |

### 1.1.8 30\_S\_80M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 80MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Edge_1RB_Left   | 21.91                | /     | /   | 15.73     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.33                | /     | /   | 16.15     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.20                | /     | /   | 19.02     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.61                | /     | /   | 19.43     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.46                | /     | /   | 19.28     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.85                | /     | /   | 19.67     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.13                | /     | /   | 15.95     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.11                | /     | /   | 15.93     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.23                | /     | /   | 19.05     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.79                | /     | /   | 19.61     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.66                | /     | /   | 19.48     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.62                | /     | /   | 19.44     | /     | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 22.25                | /     | /   | 16.07     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.22                | /     | /   | 16.04     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.35                | /     | /   | 19.17     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.91                | /     | /   | 19.73     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.72                | /     | /   | 19.54     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.75                | /     | /   | 19.57     | /     | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM QPSK    | 3740.01 | Edge_1RB_Left   | 21.86 | / | / | 15.68 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.65 | / | / | 18.47 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.57 | / | / | 19.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.42 | / | / | 19.24 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Right | 25.79 | / | / | 19.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.72 | / | / | 18.54 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.68 | / | / | 19.50 | / | / | <=30 | Pass |
|                    | 3939.99 | Inner_1RB_Left  | 25.62 | / | / | 19.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.61 | / | / | 19.43 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.87 | / | / | 18.69 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3740.01 | Inner_Full      | 25.90 | / | / | 19.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.71 | / | / | 19.53 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.64 | / | / | 19.46 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.78 | / | / | 15.60 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                    | 3840    | Outer_Full      | 23.67 | / | / | 17.49 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.49 | / | / | 18.31 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.20 | / | / | 18.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.66 | / | / | 18.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.00 | / | / | 15.82 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Right  | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.73 | / | / | 17.55 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.68 | / | / | 18.50 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.49 | / | / | 18.31 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.45 | / | / | 18.27 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3740.01 | Edge_1RB_Left   | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.82 | / | / | 17.64 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.94 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.45 | / | / | 18.27 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Right | 24.52 | / | / | 18.34 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.36 | / | / | 16.18 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.18 | / | / | 17.00 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.07 | / | / | 16.89 | / | / | <=30 | Pass |
|                    | 3939.99 | Inner_1RB_Left  | 23.06 | / | / | 16.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.40 | / | / | 17.22 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.17 | / | / | 15.99 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.16 | / | / | 16.98 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3740.01 | Inner_Full      | 23.21 | / | / | 17.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.12 | / | / | 16.94 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.09 | / | / | 16.91 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                    | 3840    | Outer_Full      | 23.35 | / | / | 17.17 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.45 | / | / | 17.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.27 | / | / | 17.09 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.24 | / | / | 17.06 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 20.85 | / | / | 14.67 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.32 | / | / | 15.14 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                |         | Outer_Full      | 21.18 | / | / | 15.00 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.09 | / | / | 14.91 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.95 | / | / | 14.77 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.33 | / | / | 15.15 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 21.18 | / | / | 15.00 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.10 | / | / | 14.92 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.16 | / | / | 14.98 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                | 3939.99 | Inner_1RB_Left  | 21.11 | / | / | 14.93 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.09 | / | / | 14.91 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.18 | / | / | 15.00 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3740.01 | Outer_Full      | 21.30 | / | / | 15.12 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.45 | / | / | 15.27 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.16 | / | / | 14.98 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.97 | / | / | 15.79 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.39 | / | / | 16.21 | / | / | <=30 | Pass |
|                | 3840    | Outer_Full      | 22.68 | / | / | 16.50 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.11 | / | / | 17.93 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.08 | / | / | 17.90 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.47 | / | / | 18.29 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                | 3939.99 | Outer_Full      | 22.68 | / | / | 16.50 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.18 | / | / | 18.00 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.20 | / | / | 18.02 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.22 | / | / | 18.04 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3740.01 | Outer_Full      | 22.90 | / | / | 16.72 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.45 | / | / | 18.27 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.35 | / | / | 18.17 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.24 | / | / | 18.06 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.26 | / | / | 16.08 | / | / | <=30 | Pass |
|                | 3840    | Outer_Full      | 22.56 | / | / | 16.38 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.53 | / | / | 17.35 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.42 | / | / | 17.24 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.74 | / | / | 17.56 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.99 | / | / | 15.81 | / | / | <=30 | Pass |
|                | 3939.99 | Outer_Full      | 22.65 | / | / | 16.47 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.68 | / | / | 17.50 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.55 | / | / | 17.37 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.57 | / | / | 17.39 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3740.01 | Outer_Full      | 22.76 | / | / | 16.58 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.91 | / | / | 17.73 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.63 | / | / | 17.45 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.58 | / | / | 17.40 | / | / | <=30 | Pass |
|                | 3740.01 | Edge_1RB_Left   | 21.85 | / | / | 15.67 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.05 | / | / | 15.87 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.99 | / | / | 15.81 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Inner_1RB_Left  | 21.84 | / | / | 15.66 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.35 | / | / | 16.17 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.15 | / | / | 15.97 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 22.23 | / | / | 16.05 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.38 | / | / | 16.20 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3740.01 | Edge_1RB_Left   | 18.98 | / | / | 12.80 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.17 | / | / | 12.99 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.17 | / | / | 12.99 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 18.98 | / | / | 12.80 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 19.19 | / | / | 13.01 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.14 | / | / | 12.96 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.14 | / | / | 12.96 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.12 | / | / | 12.94 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.16 | / | / | 12.98 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 19.16 | / | / | 12.98 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 19.19 | / | / | 13.01 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 19.46 | / | / | 13.28 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 19.28 | / | / | 13.10 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant2: -6.18dBi;

Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.9 30\_S\_90M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 90MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                     |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Edge_1RB_Left   | 21.86                | /     | /   | 15.68     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.32                | /     | /   | 16.14     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.16                | /     | /   | 18.98     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.58                | /     | /   | 19.40     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.36                | /     | /   | 19.18     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.80                | /     | /   | 19.62     | /     | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 22.12                | /     | /   | 15.94     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.30                | /     | /   | 16.12     | /     | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.22                | /     | /   | 19.04     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.66                | /     | /   | 19.48     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.67                | /     | /   | 19.49     | /     | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.67                | /     | /   | 19.49     | /     | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 22.13                | /     | /   | 15.95     | /     | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.32                | /     | /   | 16.14     | /     | /   | <=30  | Pass    |

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM QPSK   |         | Outer_Full      | 25.43 | / | / | 19.25 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.90 | / | / | 19.72 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 25.67 | / | / | 19.49 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.83 | / | / | 19.65 | / | / | <=30 | Pass |
|                   | 3745.02 | Edge_1RB_Left   | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.70 | / | / | 18.52 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.59 | / | / | 19.41 | / | / | <=30 | Pass |
|                   | 3840    | Inner_1RB_Left  | 25.33 | / | / | 19.15 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.88 | / | / | 19.70 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                   | 3934.98 | Outer_Full      | 24.62 | / | / | 18.44 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.68 | / | / | 19.50 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3745.02 | Inner_1RB_Left  | 25.66 | / | / | 19.48 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.64 | / | / | 19.46 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                   | 3840    | Outer_Full      | 24.84 | / | / | 18.66 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.90 | / | / | 19.72 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 25.64 | / | / | 19.46 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.70 | / | / | 19.52 | / | / | <=30 | Pass |
|                   | 3934.98 | Edge_1RB_Left   | 21.81 | / | / | 15.63 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.23 | / | / | 16.05 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.69 | / | / | 17.51 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 24.65 | / | / | 18.47 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3745.02 | Inner_1RB_Left  | 24.30 | / | / | 18.12 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.69 | / | / | 18.51 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 22.06 | / | / | 15.88 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.61 | / | / | 17.43 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 24.68 | / | / | 18.50 | / | / | <=30 | Pass |
|                   | 3934.98 | Inner_1RB_Left  | 24.46 | / | / | 18.28 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.54 | / | / | 18.36 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 22.03 | / | / | 15.85 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.06 | / | / | 15.88 | / | / | <=30 | Pass |
|                   | 3745.02 | Outer_Full      | 23.88 | / | / | 17.70 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 24.94 | / | / | 18.76 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3745.02 | Inner_1RB_Left  | 24.48 | / | / | 18.30 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.51 | / | / | 18.33 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 21.91 | / | / | 15.73 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.34 | / | / | 16.16 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.13 | / | / | 16.95 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.14 | / | / | 16.96 | / | / | <=30 | Pass |
|                   | 3934.98 | Inner_1RB_Left  | 22.92 | / | / | 16.74 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.40 | / | / | 17.22 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 22.17 | / | / | 15.99 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.17 | / | / | 15.99 | / | / | <=30 | Pass |
|                   | 3840    | Outer_Full      | 23.15 | / | / | 16.97 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.20 | / | / | 17.02 | / | / | <=30 | Pass |
|                   | 3934.98 | Inner_1RB_Left  | 23.14 | / | / | 16.96 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.17 | / | / | 16.99 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                   | 3934.98 | Outer_Full      | 23.36 | / | / | 17.18 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.48 | / | / | 17.30 | / | / | <=30 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 256 QAM |         | Inner_1RB_Left  | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                    | 3745.02 | Edge_1RB_Left   | 20.86 | / | / | 14.68 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.33 | / | / | 15.15 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.11 | / | / | 14.93 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.90 | / | / | 14.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.26 | / | / | 15.08 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 21.14 | / | / | 14.96 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.22 | / | / | 15.04 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.12 | / | / | 14.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.16 | / | / | 14.98 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.15 | / | / | 14.97 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.17 | / | / | 14.99 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 21.16 | / | / | 14.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.27 | / | / | 15.09 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.37 | / | / | 15.19 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 21.45 | / | / | 15.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.17 | / | / | 14.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 21.34 | / | / | 15.16 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3745.02 | Edge_1RB_Left   | 21.93 | / | / | 15.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.34 | / | / | 16.16 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.61 | / | / | 16.43 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.06 | / | / | 17.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.87 | / | / | 17.69 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.53 | / | / | 18.35 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.66 | / | / | 16.48 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.15 | / | / | 17.97 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.25 | / | / | 18.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.19 | / | / | 18.01 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.28 | / | / | 16.10 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.85 | / | / | 16.67 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.40 | / | / | 18.22 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.19 | / | / | 18.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.21 | / | / | 18.03 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3745.02 | Edge_1RB_Left   | 21.80 | / | / | 15.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.63 | / | / | 16.45 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.62 | / | / | 17.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.39 | / | / | 17.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.64 | / | / | 17.46 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.03 | / | / | 15.85 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.02 | / | / | 15.84 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.63 | / | / | 16.45 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.65 | / | / | 17.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.55 | / | / | 17.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.64 | / | / | 17.46 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 22.10 | / | / | 15.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.90 | / | / | 16.72 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.91 | / | / | 17.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.52 | / | / | 17.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.59 | / | / | 17.41 | / | / | <=30 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM                                                                   | 3745.02 | Edge_1RB_Left   | 21.86 | / | / | 15.68 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 22.36 | / | / | 16.18 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 22.12 | / | / | 15.94 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 21.95 | / | / | 15.77 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 22.32 | / | / | 16.14 | / | / | <=30 | Pass |
|                                                                                  | 3840    | Edge_1RB_Left   | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 22.18 | / | / | 16.00 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 22.23 | / | / | 16.05 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                                                                                  | 3934.98 | Edge_1RB_Left   | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 22.37 | / | / | 16.19 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3745.02 | Edge_1RB_Left   | 18.98 | / | / | 12.80 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.17 | / | / | 12.99 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.11 | / | / | 12.93 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 18.95 | / | / | 12.77 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.36 | / | / | 13.18 | / | / | <=30 | Pass |
|                                                                                  | 3840    | Edge_1RB_Left   | 19.19 | / | / | 13.01 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.25 | / | / | 13.07 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.15 | / | / | 12.97 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.21 | / | / | 13.03 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.21 | / | / | 13.03 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                                                                                  | 3934.98 | Edge_1RB_Left   | 19.14 | / | / | 12.96 | / | / | <=30 | Pass |
|                                                                                  |         | Edge_1RB_Right  | 19.25 | / | / | 13.07 | / | / | <=30 | Pass |
|                                                                                  |         | Outer_Full      | 19.34 | / | / | 13.16 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_Full      | 19.42 | / | / | 13.24 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Left  | 19.20 | / | / | 13.02 | / | / | <=30 | Pass |
|                                                                                  |         | Inner_1RB_Right | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant2: -6.18dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.10 30\_S\_100M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                 |                 |                      |       |     |           |       |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|-------|-----|-----------|-------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |       |     | EIRP(dBm) |       |     |       | Verdict |
|                                      |                 |                 | Ant2                 | Ant2* | Sum | Ant2      | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Edge_1RB_Left   | 21.92                | /     | /   | 15.74     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.24                | /     | /   | 16.06     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.19                | /     | /   | 19.01     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 25.74                | /     | /   | 19.56     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 25.36                | /     | /   | 19.18     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.75                | /     | /   | 19.57     | /     | /   | <=30  | Pass    |
|                                      | 3840            | Edge_1RB_Left   | 22.14                | /     | /   | 15.96     | /     | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 22.31                | /     | /   | 16.13     | /     | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 25.19                | /     | /   | 19.01     | /     | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 25.63                | /     | /   | 19.45     | /     | /   | <=30  | Pass    |

|                   |      |                 |       |   |   |       |   |   |      |      |
|-------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                   | 3930 | Inner_1RB_Left  | 25.68 | / | / | 19.50 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 25.83 | / | / | 19.65 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Left   | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.32 | / | / | 16.14 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 25.27 | / | / | 19.09 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 25.88 | / | / | 19.70 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 25.60 | / | / | 19.42 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 25.86 | / | / | 19.68 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3750 | Edge_1RB_Left   | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 24.68 | / | / | 18.50 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 25.66 | / | / | 19.48 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 25.41 | / | / | 19.23 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 25.84 | / | / | 19.66 | / | / | <=30 | Pass |
|                   | 3840 | Edge_1RB_Left   | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.29 | / | / | 16.11 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 24.70 | / | / | 18.52 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 25.67 | / | / | 19.49 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 25.70 | / | / | 19.52 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 25.83 | / | / | 19.65 | / | / | <=30 | Pass |
|                   | 3930 | Edge_1RB_Left   | 22.03 | / | / | 15.85 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.19 | / | / | 16.01 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 24.83 | / | / | 18.65 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 25.88 | / | / | 19.70 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 25.49 | / | / | 19.31 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 25.67 | / | / | 19.49 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3750 | Edge_1RB_Left   | 21.76 | / | / | 15.58 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 23.75 | / | / | 17.57 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 24.70 | / | / | 18.52 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 24.31 | / | / | 18.13 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 24.63 | / | / | 18.45 | / | / | <=30 | Pass |
|                   | 3840 | Edge_1RB_Left   | 22.04 | / | / | 15.86 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 23.71 | / | / | 17.53 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 24.68 | / | / | 18.50 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 24.53 | / | / | 18.35 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 24.71 | / | / | 18.53 | / | / | <=30 | Pass |
|                   | 3930 | Edge_1RB_Left   | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.08 | / | / | 15.90 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 23.86 | / | / | 17.68 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 24.81 | / | / | 18.63 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 24.46 | / | / | 18.28 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 24.60 | / | / | 18.42 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3750 | Edge_1RB_Left   | 21.88 | / | / | 15.70 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 23.25 | / | / | 17.07 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 23.20 | / | / | 17.02 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 22.86 | / | / | 16.68 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 23.29 | / | / | 17.11 | / | / | <=30 | Pass |
|                   | 3840 | Edge_1RB_Left   | 22.13 | / | / | 15.95 | / | / | <=30 | Pass |
|                   |      | Edge_1RB_Right  | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                   |      | Outer_Full      | 23.23 | / | / | 17.05 | / | / | <=30 | Pass |
|                   |      | Inner_Full      | 23.18 | / | / | 17.00 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Left  | 23.20 | / | / | 17.02 | / | / | <=30 | Pass |
|                   |      | Inner_1RB_Right | 23.30 | / | / | 17.12 | / | / | <=30 | Pass |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3930 | Edge_1RB_Left   | 22.01 | / | / | 15.83 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.31 | / | / | 17.13 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.41 | / | / | 17.23 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.01 | / | / | 16.83 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.26 | / | / | 17.08 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3750 | Edge_1RB_Left   | 20.85 | / | / | 14.67 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.26 | / | / | 15.08 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.16 | / | / | 14.98 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.17 | / | / | 14.99 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 20.84 | / | / | 14.66 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.23 | / | / | 15.05 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 21.14 | / | / | 14.96 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.28 | / | / | 15.10 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.21 | / | / | 15.03 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.19 | / | / | 15.01 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.14 | / | / | 14.96 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.33 | / | / | 15.15 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 21.05 | / | / | 14.87 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 21.24 | / | / | 15.06 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 21.31 | / | / | 15.13 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 21.40 | / | / | 15.22 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 21.00 | / | / | 14.82 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 21.36 | / | / | 15.18 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3750 | Edge_1RB_Left   | 21.91 | / | / | 15.73 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.31 | / | / | 16.13 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.62 | / | / | 16.44 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.20 | / | / | 18.02 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.97 | / | / | 17.79 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.48 | / | / | 18.30 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.40 | / | / | 16.22 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.73 | / | / | 16.55 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.16 | / | / | 17.98 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.23 | / | / | 18.05 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.35 | / | / | 18.17 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 22.16 | / | / | 15.98 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.80 | / | / | 16.62 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.34 | / | / | 18.16 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.13 | / | / | 17.95 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.29 | / | / | 18.11 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3750 | Edge_1RB_Left   | 21.79 | / | / | 15.61 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.74 | / | / | 16.56 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.66 | / | / | 17.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.33 | / | / | 17.15 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.55 | / | / | 17.37 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.74 | / | / | 16.56 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.67 | / | / | 17.49 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.66 | / | / | 17.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.79 | / | / | 17.61 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 21.96 | / | / | 15.78 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.07 | / | / | 15.89 | / | / | <=30 | Pass |

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM  |      | Outer_Full      | 22.81 | / | / | 16.63 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 23.86 | / | / | 17.68 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 23.39 | / | / | 17.21 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 23.58 | / | / | 17.40 | / | / | <=30 | Pass |
|                 | 3750 | Edge_1RB_Left   | 21.90 | / | / | 15.72 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.20 | / | / | 16.02 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.25 | / | / | 16.07 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.14 | / | / | 15.96 | / | / | <=30 | Pass |
|                 | 3840 | Inner_1RB_Left  | 21.89 | / | / | 15.71 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.22 | / | / | 16.04 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.30 | / | / | 16.12 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3750 | Outer_Full      | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.11 | / | / | 15.93 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.24 | / | / | 16.06 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.27 | / | / | 16.09 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.02 | / | / | 15.84 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.32 | / | / | 16.14 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.33 | / | / | 16.15 | / | / | <=30 | Pass |
|                 | 3930 | Inner_1RB_Left  | 22.01 | / | / | 15.83 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.21 | / | / | 16.03 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 18.92 | / | / | 12.74 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.26 | / | / | 13.08 | / | / | <=30 | Pass |
|                 | 3750 | Outer_Full      | 19.23 | / | / | 13.05 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.24 | / | / | 13.06 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 18.96 | / | / | 12.78 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.22 | / | / | 13.04 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 19.26 | / | / | 13.08 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.37 | / | / | 13.19 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.25 | / | / | 13.07 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.17 | / | / | 12.99 | / | / | <=30 | Pass |
|                 | 3930 | Inner_1RB_Left  | 19.29 | / | / | 13.11 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.38 | / | / | 13.20 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 19.04 | / | / | 12.86 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |
|                 | 3750 | Outer_Full      | 19.32 | / | / | 13.14 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.31 | / | / | 13.13 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.10 | / | / | 12.92 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.45 | / | / | 13.27 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant2: -6.18dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 30\_S\_100M

| 5G NR n77a 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                       | 3840            | Outer_Full    | 20         | LV    | -8.70            | -0.0023               | >=-2.5 & <=2.5 | Pass    |

|      |  |  |     |    |        |         |                          |      |
|------|--|--|-----|----|--------|---------|--------------------------|------|
| QPSK |  |  |     | HV | 9.90   | 0.0026  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | -30 | NV | 11.80  | 0.0031  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | -20 | NV | -12.30 | -0.0032 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | -10 | NV | -6.50  | -0.0017 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 0   | NV | -5.60  | -0.0015 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 10  | NV | -12.40 | -0.0032 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 20  | NV | 11.60  | 0.0030  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 30  | NV | 12.80  | 0.0033  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 40  | NV | 8.20   | 0.0021  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|      |  |  | 50  | NV | 10.00  | 0.0026  | $\geq -2.5$ & $\leq 2.5$ | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 30\_S\_10M\_NTNV

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3840            | Outer_Full    | 8.63                | 10.02                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 8.64                | 9.89                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 8.68                | 9.64                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 8.65                | 9.75                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 8.63                | 9.74                 | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 8.67                | 9.68                 | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 8.70                | 9.59                 | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 8.76                | 9.71                 | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 8.69                | 9.51                 | /           | Pass    |

##### 3.1.2 30\_S\_20M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 18.07               | 19.29                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 18.07               | 19.27                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 18.06               | 19.56                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 18.21               | 19.79                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 18.10               | 19.22                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 18.43               | 20.07                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 18.52               | 20.19                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 18.41               | 19.80                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 18.37               | 19.61                | /           | Pass    |

##### 3.1.3 30\_S\_30M\_NTNV

| 5G NR n77a 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 | 3840 | Outer_Full | 27.08 | 29.24 | / | Pass |
| DFT-s-OFDM QPSK      | 3840 | Outer_Full | 27.06 | 29.03 | / | Pass |
| DFT-s-OFDM 16 QAM    | 3840 | Outer_Full | 27.13 | 29.09 | / | Pass |
| DFT-s-OFDM 64 QAM    | 3840 | Outer_Full | 26.89 | 29.27 | / | Pass |
| DFT-s-OFDM 256 QAM   | 3840 | Outer_Full | 27.18 | 28.83 | / | Pass |
| CP-OFDM QPSK         | 3840 | Outer_Full | 28.09 | 30.18 | / | Pass |
| CP-OFDM 16 QAM       | 3840 | Outer_Full | 28.06 | 29.98 | / | Pass |
| CP-OFDM 64 QAM       | 3840 | Outer_Full | 28.13 | 30.04 | / | Pass |
| CP-OFDM 256 QAM      | 3840 | Outer_Full | 28.29 | 30.02 | / | Pass |

### 3.1.4 30\_S\_40M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 36.08               | 38.44                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 36.05               | 38.79                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 36.05               | 38.45                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 35.99               | 38.46                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 35.94               | 38.91                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 38.20               | 40.73                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 38.02               | 40.74                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 38.06               | 40.81                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 38.04               | 40.51                | /           | Pass    |

### 3.1.5 30\_S\_50M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 46.05               | 49.18                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 46.13               | 48.48                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 46.09               | 49.23                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 46.15               | 49.30                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 45.91               | 48.90                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 47.50               | 50.88                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 48.11               | 51.01                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 47.90               | 50.99                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 47.83               | 50.50                | /           | Pass    |

### 3.1.6 30\_S\_60M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 58.40               | 62.13                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 58.73               | 62.22                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 58.51               | 62.38                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 58.55               | 62.27                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 58.20               | 61.96                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 58.12               | 62.19                | /           | Pass    |

|                 |      |            |       |       |   |      |
|-----------------|------|------------|-------|-------|---|------|
| CP-OFDM 16 QAM  | 3840 | Outer_Full | 58.29 | 62.38 | / | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 58.39 | 62.07 | / | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 58.17 | 61.69 | / | Pass |

### 3.1.7 30\_S\_70M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 65.18               | 69.56                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 64.82               | 69.58                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 64.82               | 69.41                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 64.64               | 69.06                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 64.93               | 69.38                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 68.27               | 72.53                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 67.94               | 73.07                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 68.31               | 72.75                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 68.09               | 72.58                | /           | Pass    |

### 3.1.8 30\_S\_80M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 77.92               | 83.20                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 77.67               | 83.00                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 77.79               | 82.70                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 77.12               | 82.56                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 77.87               | 82.44                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 78.09               | 82.95                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 78.12               | 83.14                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 77.86               | 83.40                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 78.11               | 83.11                | /           | Pass    |

### 3.1.9 30\_S\_90M\_NTNV

| 5G NR n77a 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                | 3840            | Outer_Full    | 87.04               | 93.00                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3840            | Outer_Full    | 87.28               | 92.65                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3840            | Outer_Full    | 87.40               | 93.06                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3840            | Outer_Full    | 87.28               | 93.26                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3840            | Outer_Full    | 87.29               | 92.82                | /           | Pass    |
| CP-OFDM QPSK                        | 3840            | Outer_Full    | 88.01               | 93.70                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3840            | Outer_Full    | 88.31               | 93.91                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3840            | Outer_Full    | 88.05               | 93.93                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3840            | Outer_Full    | 87.99               | 93.54                | /           | Pass    |

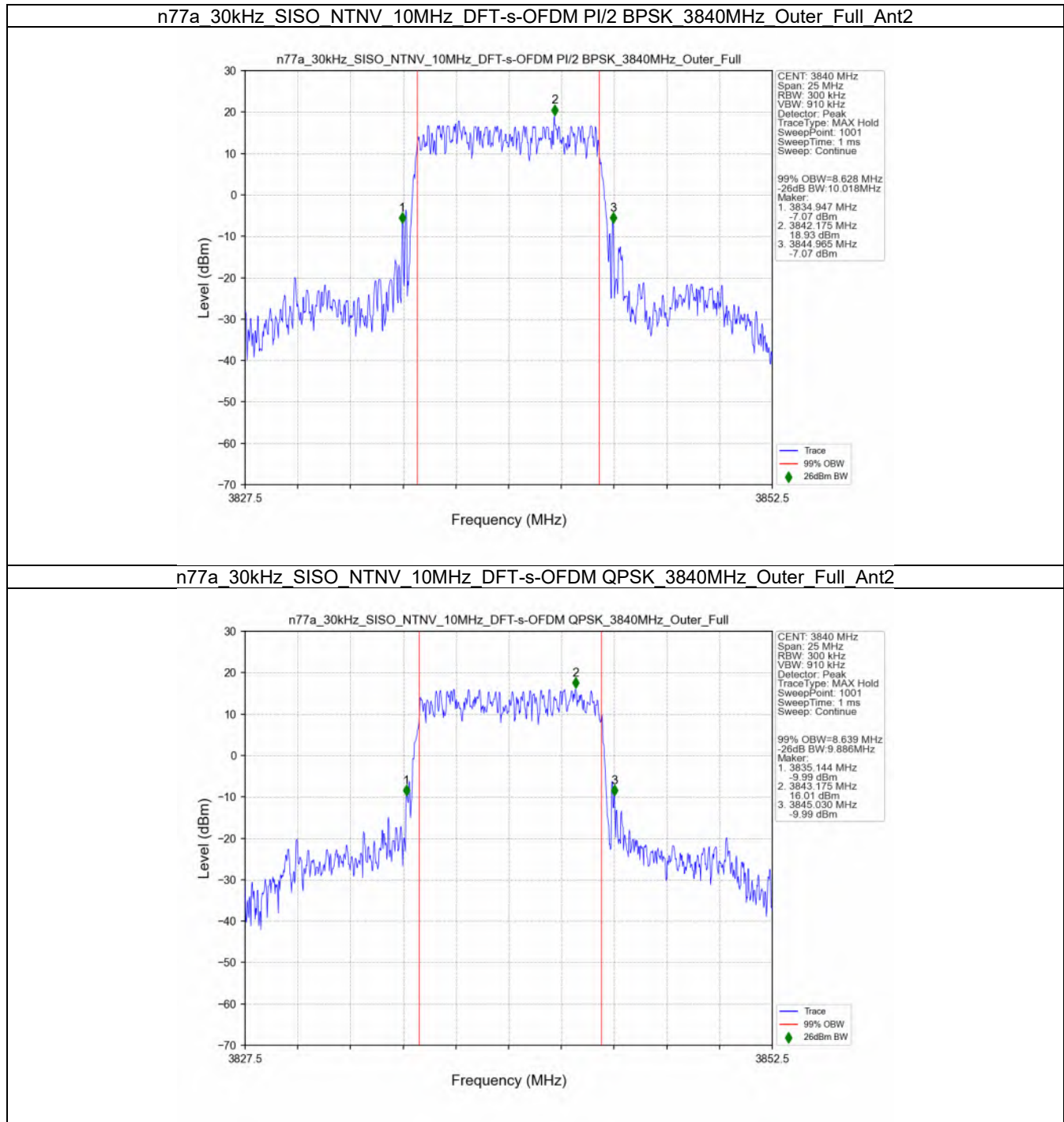
### 3.1.10 30\_S\_100M\_NTNV



| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                    |                  |                        |                         |                |         |
|--------------------------------------|--------------------|------------------|------------------------|-------------------------|----------------|---------|
| Modulation                           | Frequency<br>(MHz) | RB<br>Allocation | 99% Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Limit<br>(MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3840               | Outer Full       | 97.16                  | 103.10                  | /              | Pass    |
| DFT-s-OFDM QPSK                      | 3840               | Outer Full       | 97.57                  | 103.48                  | /              | Pass    |
| DFT-s-OFDM 16 QAM                    | 3840               | Outer Full       | 97.22                  | 103.33                  | /              | Pass    |
| DFT-s-OFDM 64 QAM                    | 3840               | Outer Full       | 97.04                  | 103.33                  | /              | Pass    |
| DFT-s-OFDM 256 QAM                   | 3840               | Outer Full       | 97.19                  | 103.34                  | /              | Pass    |
| CP-OFDM QPSK                         | 3840               | Outer Full       | 98.06                  | 104.85                  | /              | Pass    |
| CP-OFDM 16 QAM                       | 3840               | Outer Full       | 98.16                  | 104.64                  | /              | Pass    |
| CP-OFDM 64 QAM                       | 3840               | Outer Full       | 98.48                  | 104.68                  | /              | Pass    |
| CP-OFDM 256 QAM                      | 3840               | Outer Full       | 97.75                  | 104.23                  | /              | Pass    |

### 3.2 Test Graph

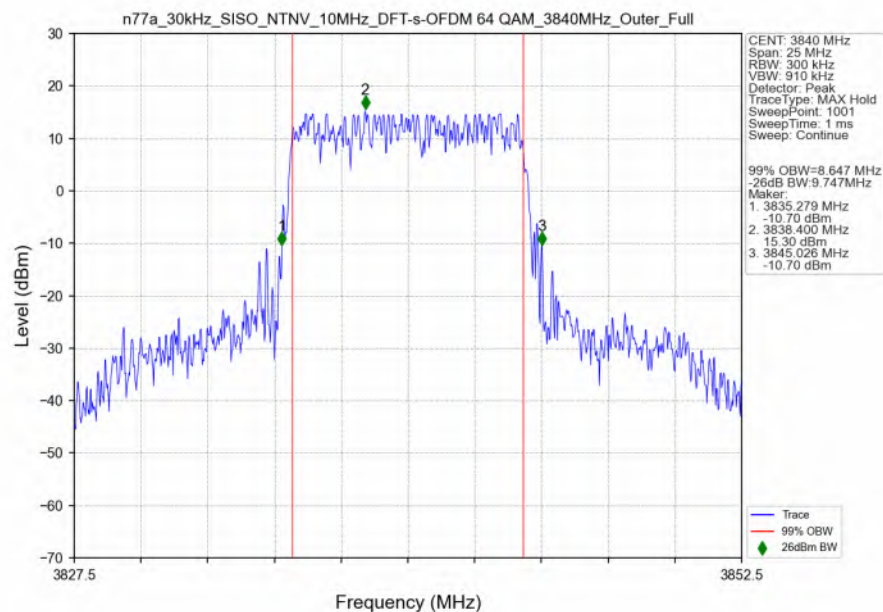
### 3.2.1 30\_S\_10M\_NTNV



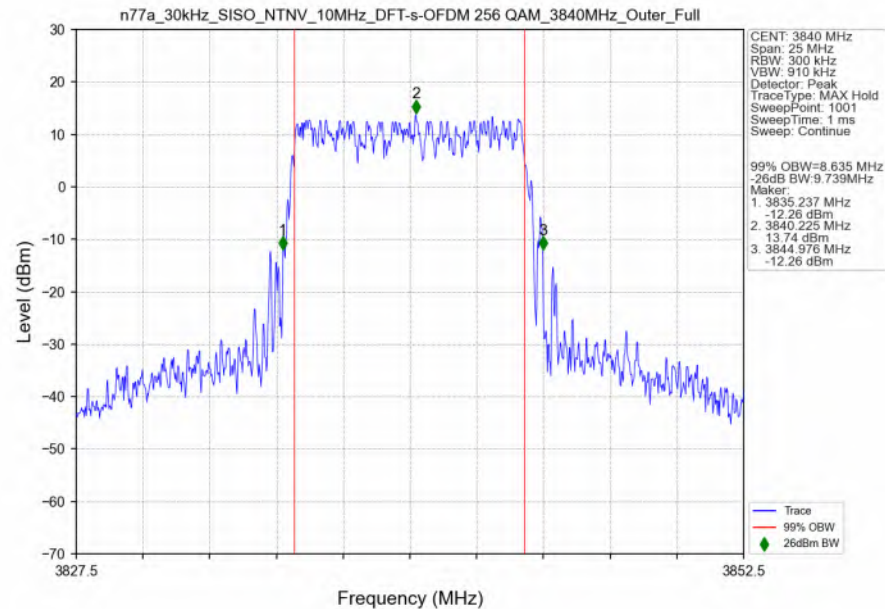
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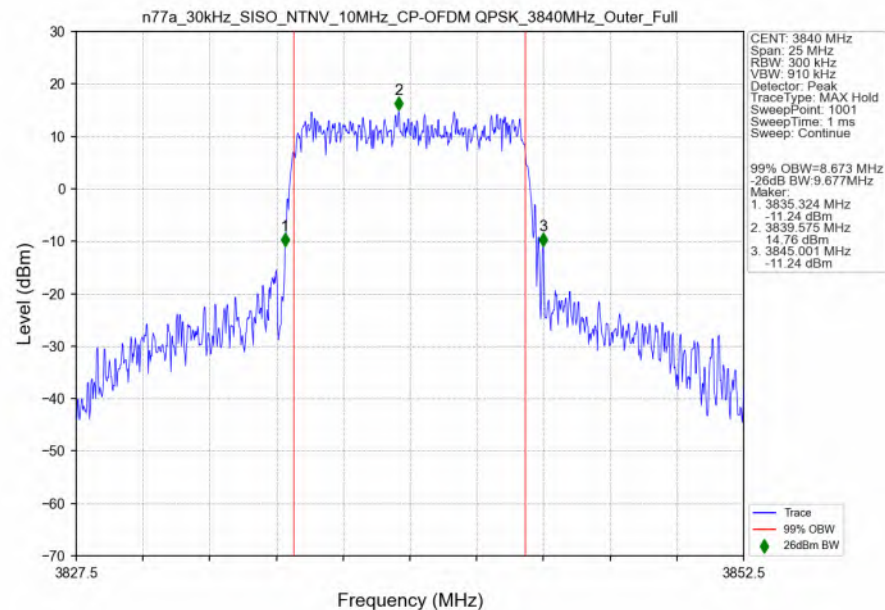
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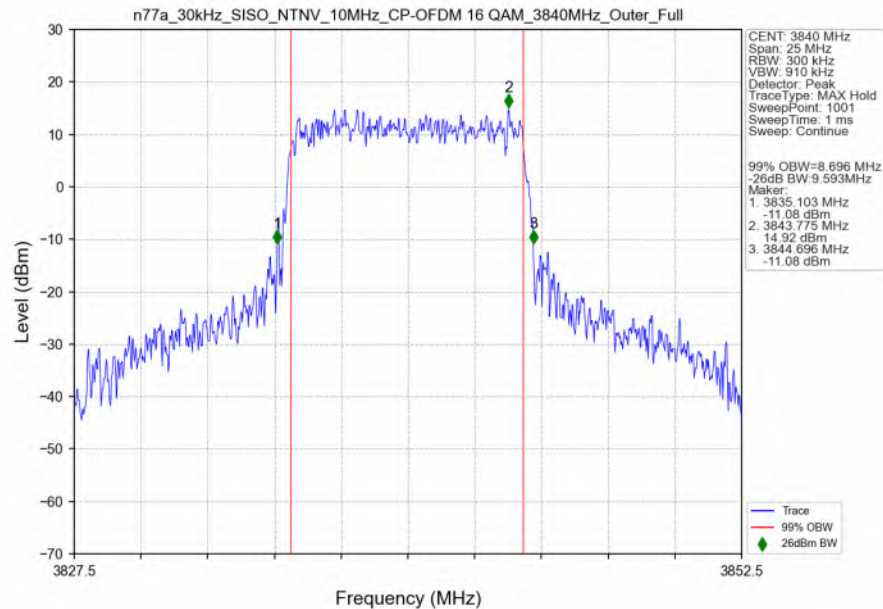
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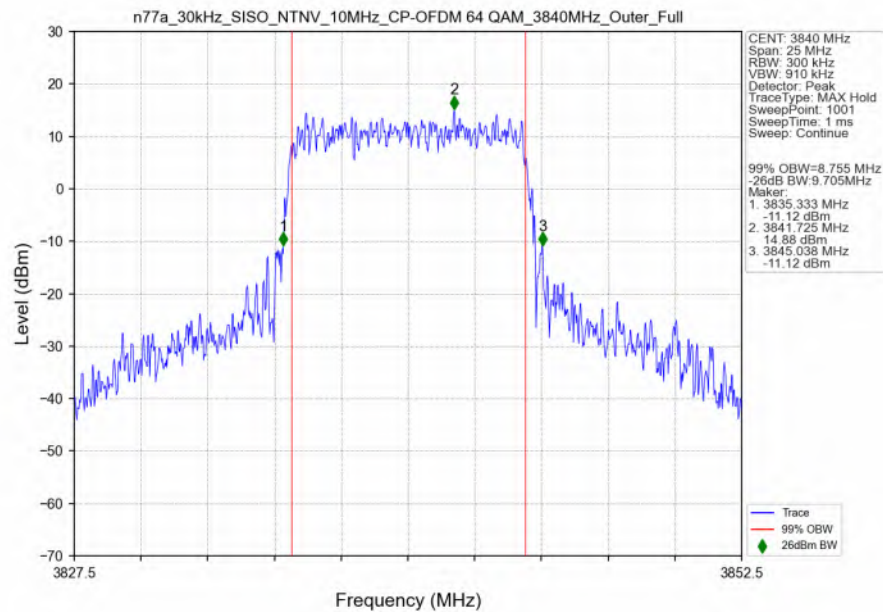
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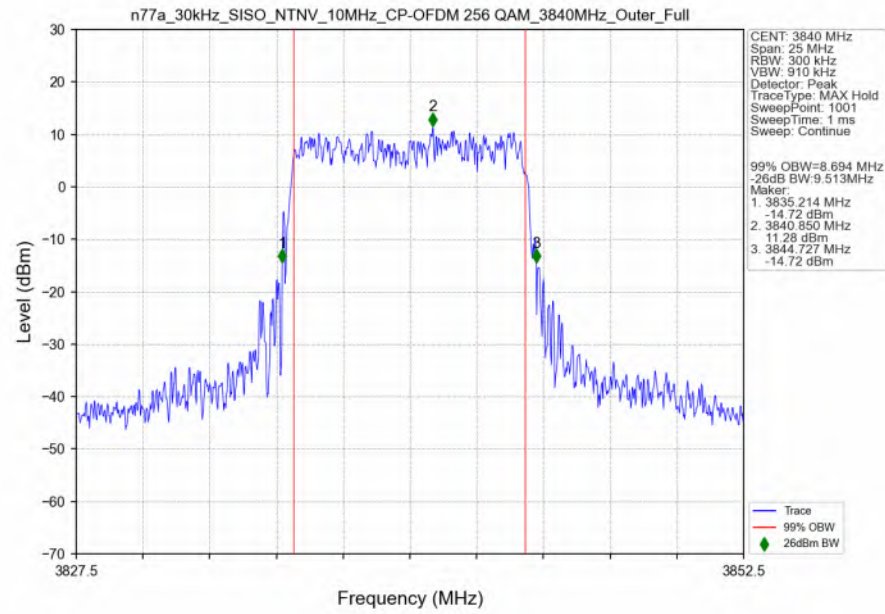
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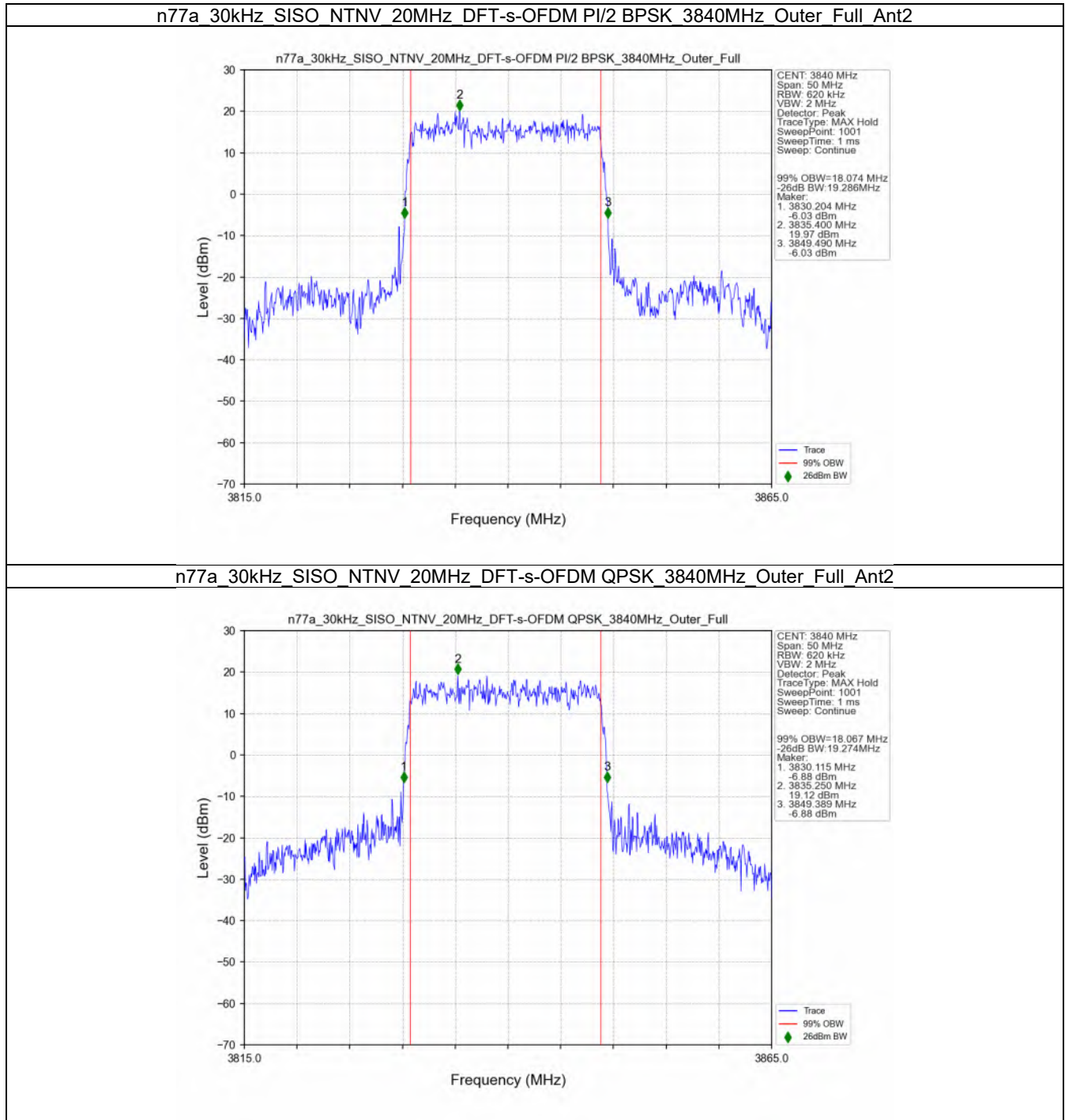
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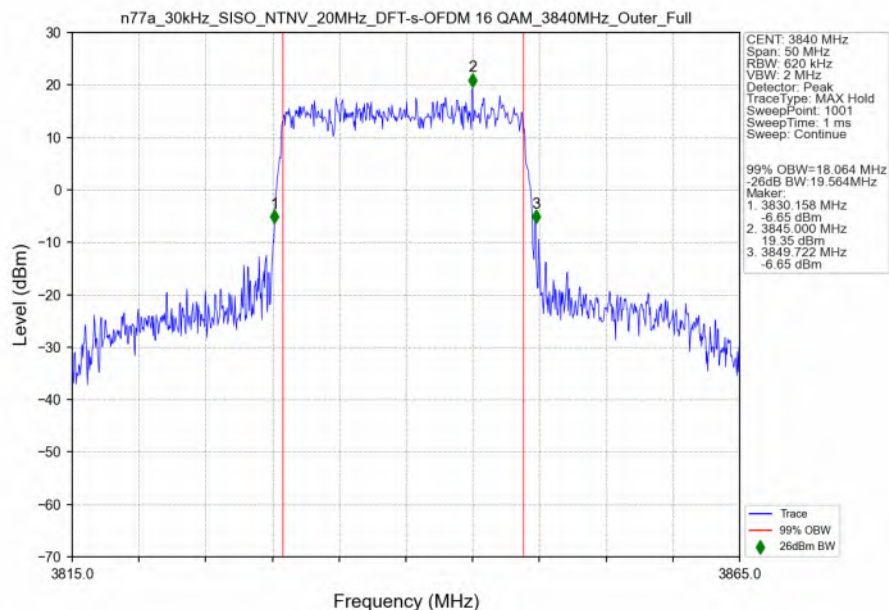
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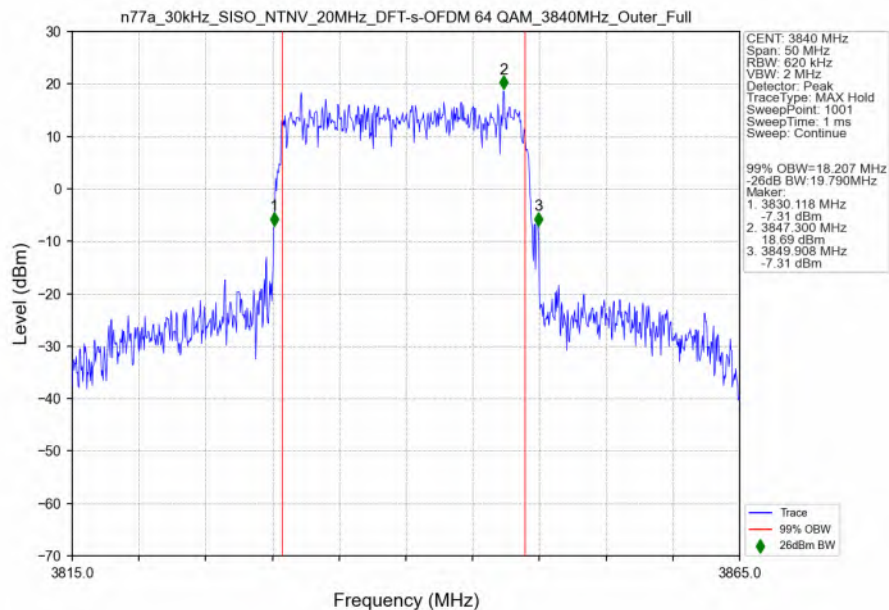
### 3.2.2 30\_S\_20M\_NTNV



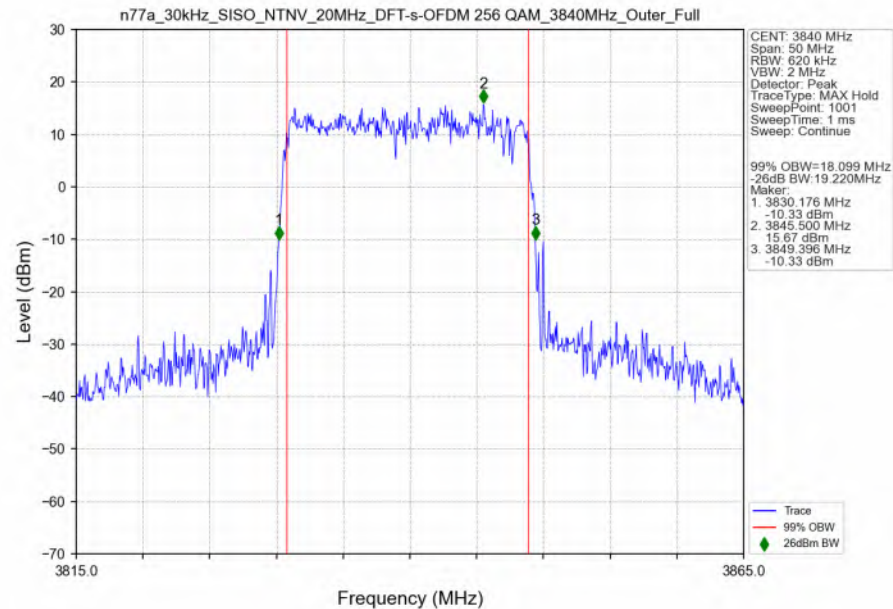
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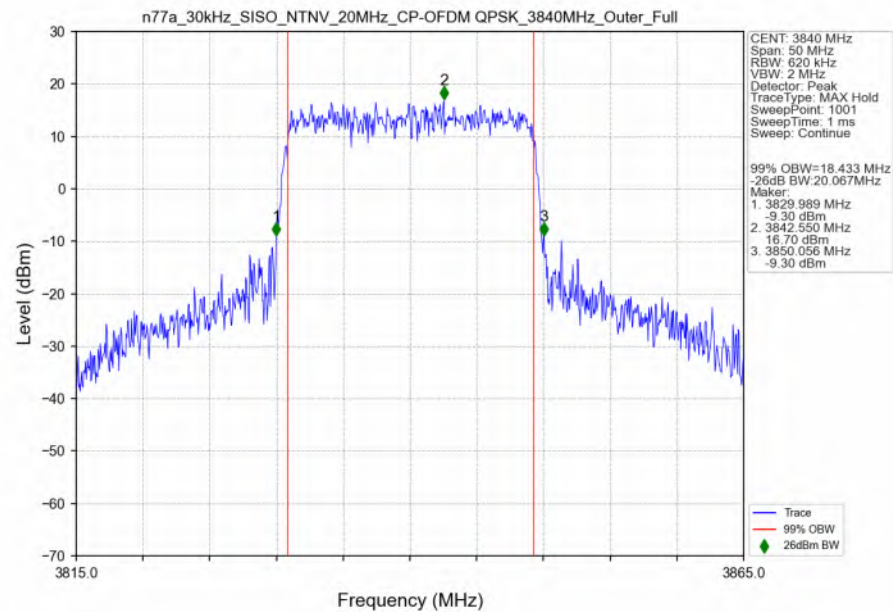
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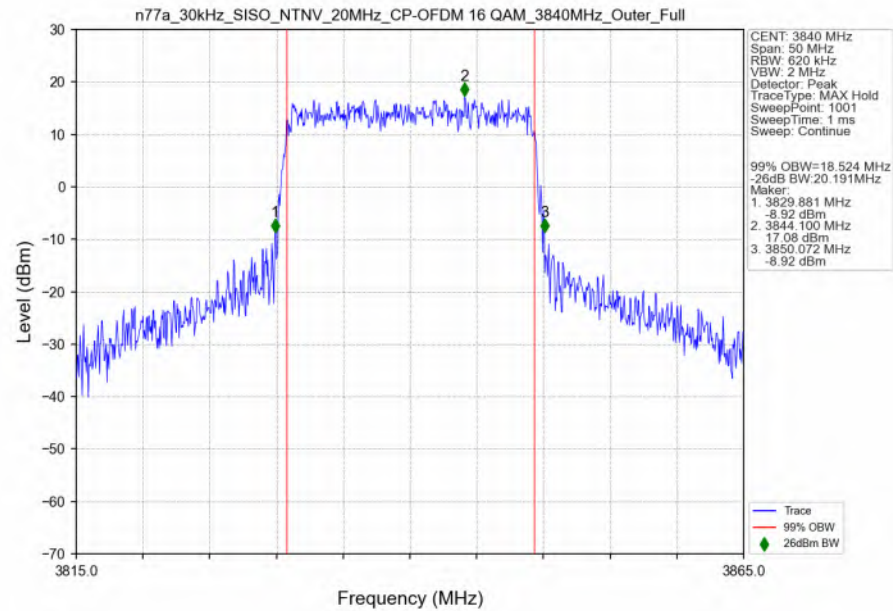
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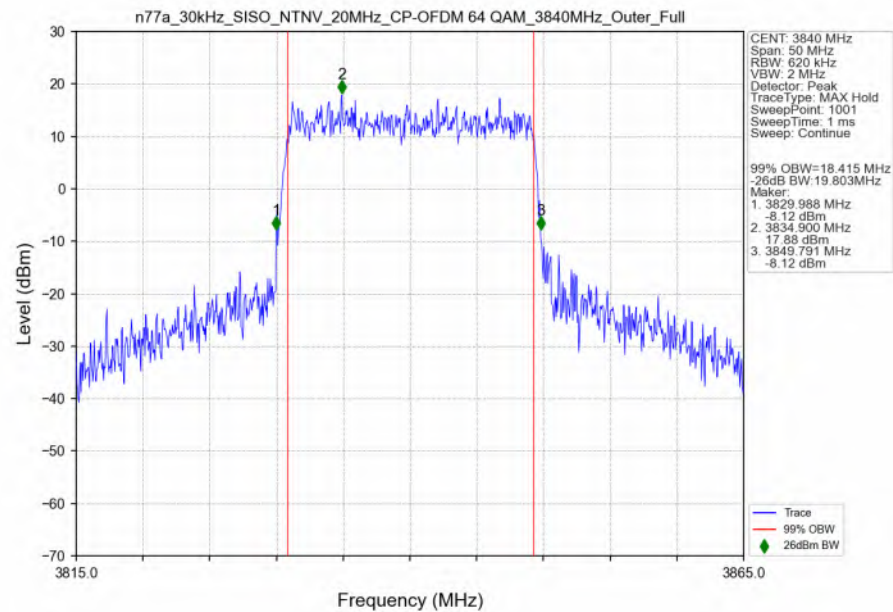
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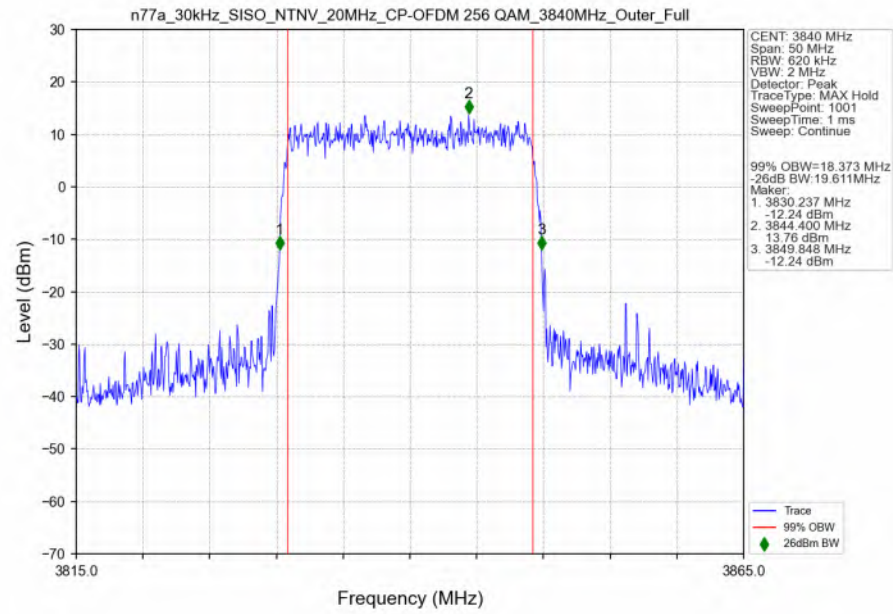
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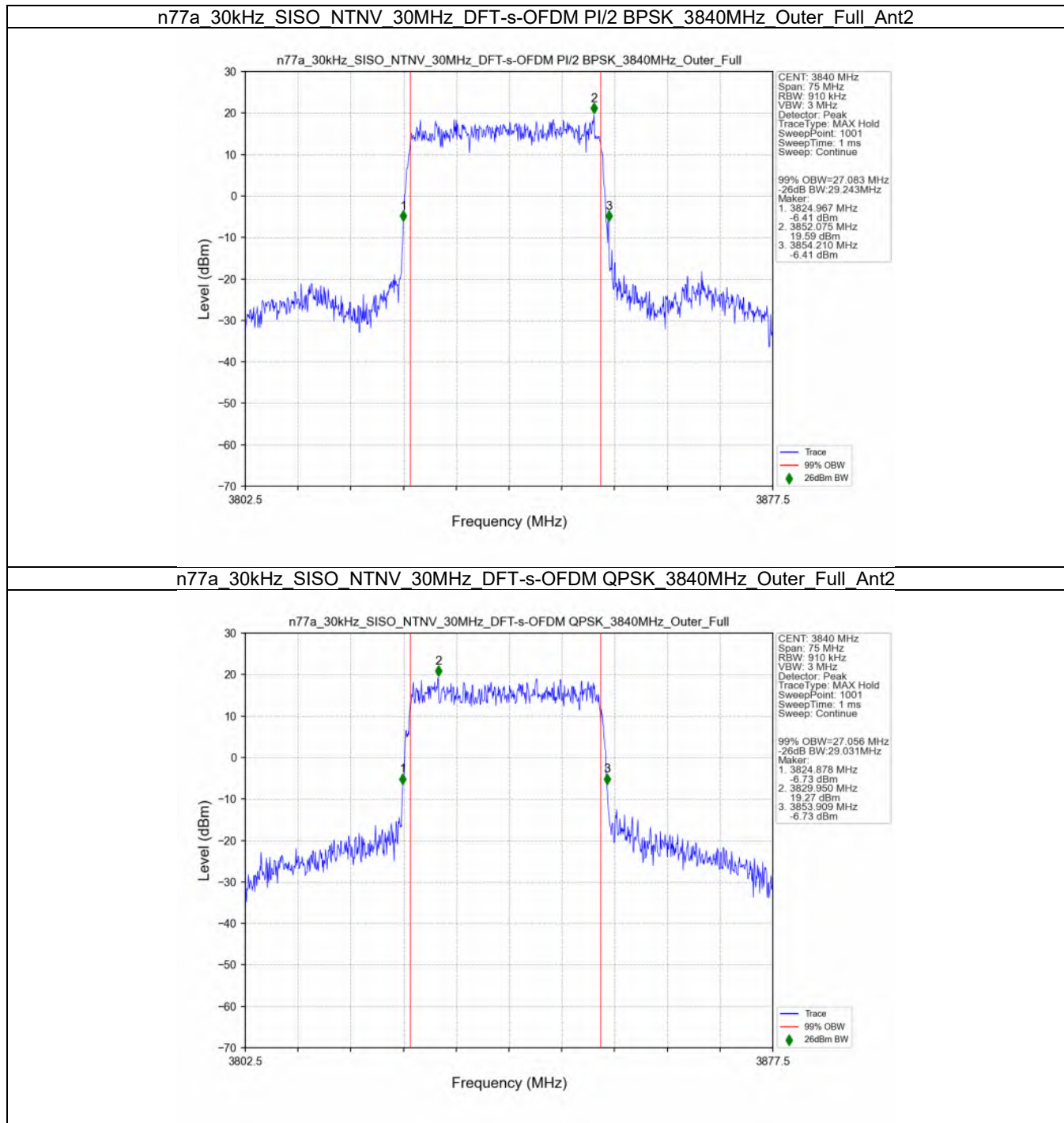
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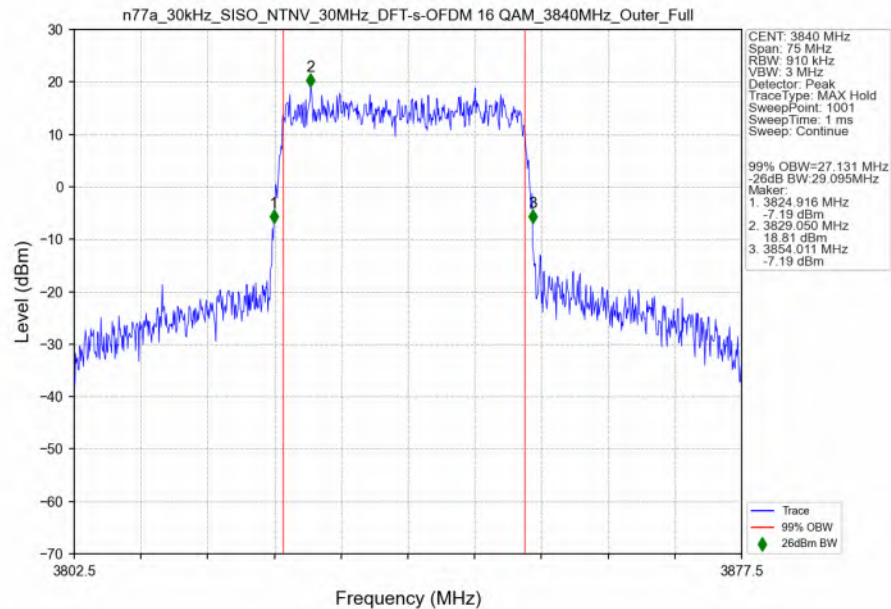
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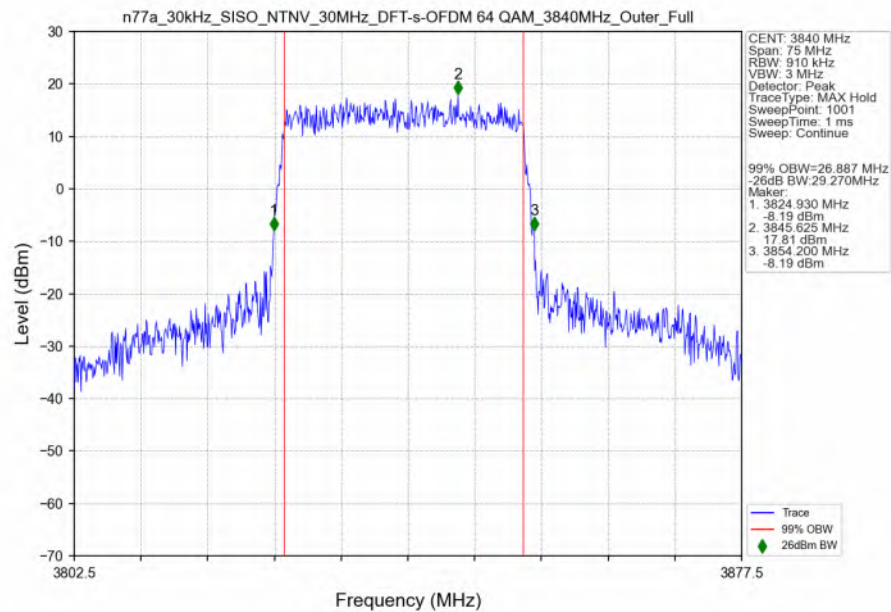
### 3.2.3 30\_S\_30M\_NTNV



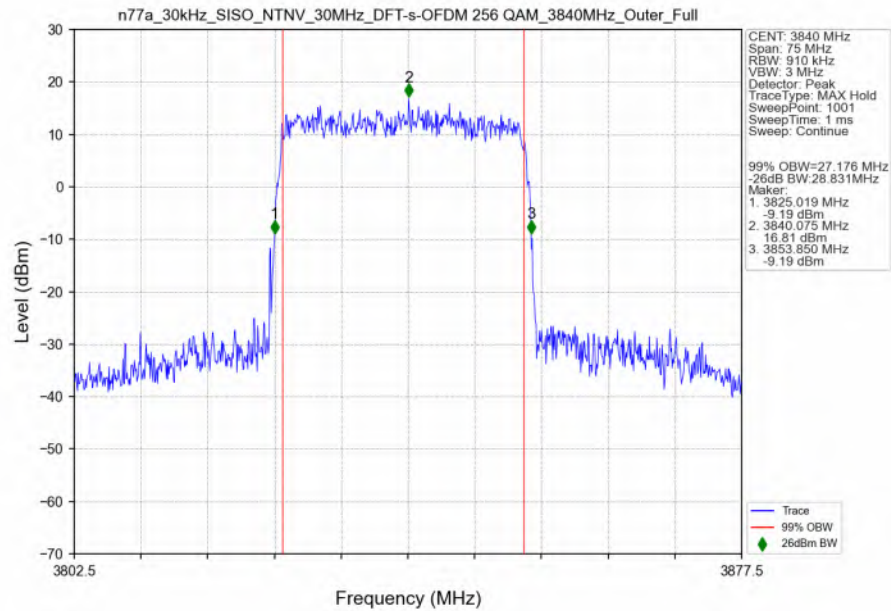
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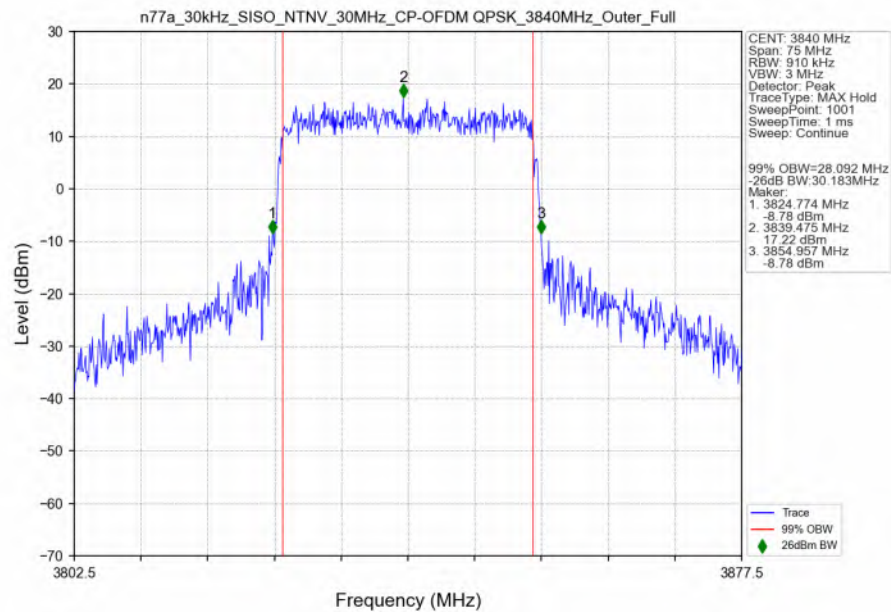
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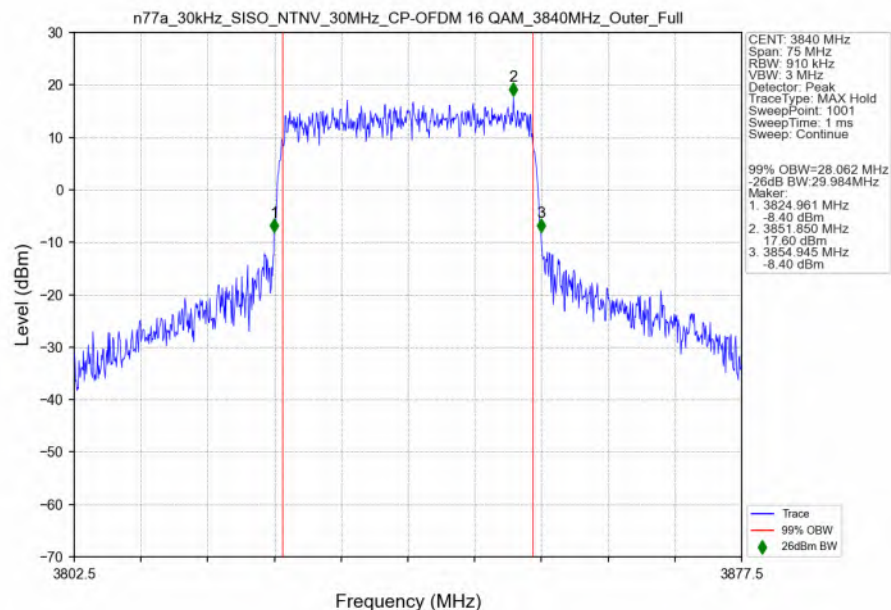
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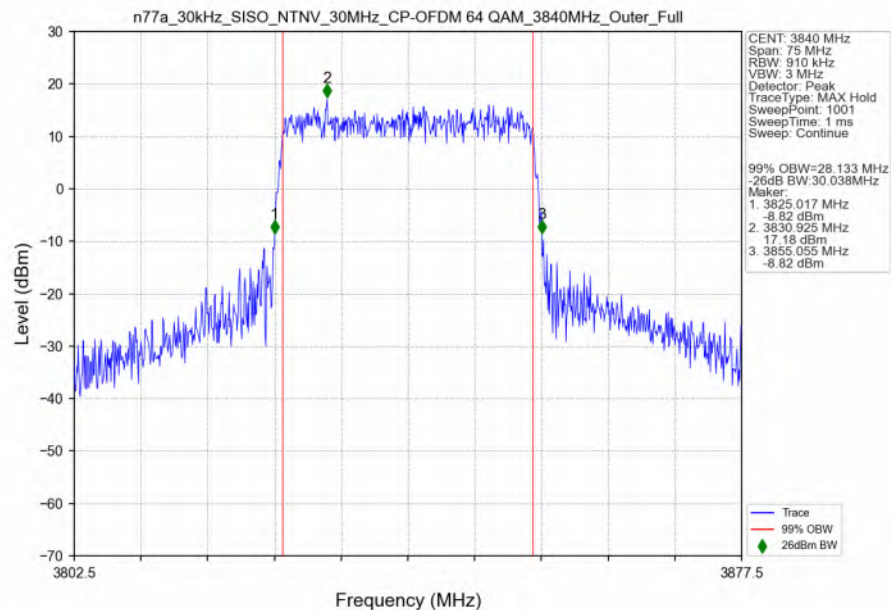
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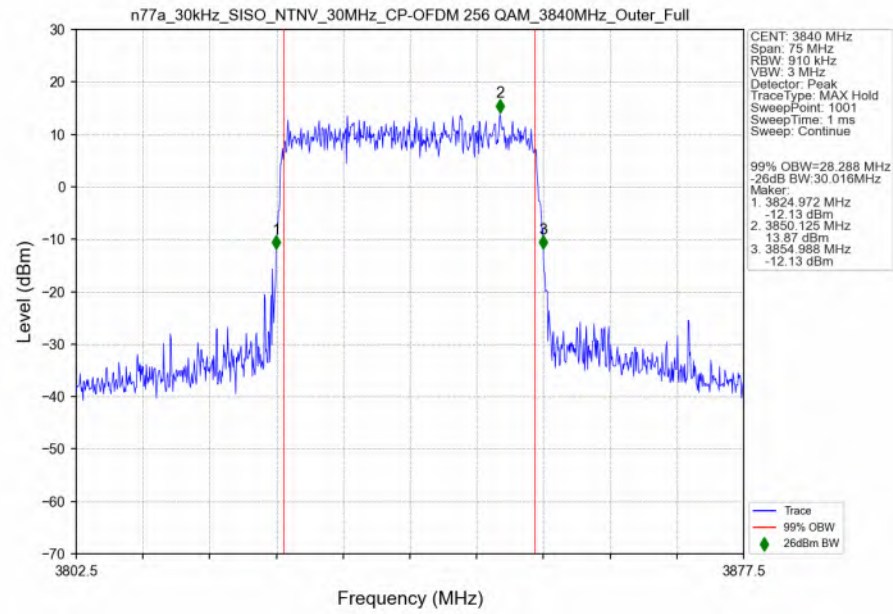
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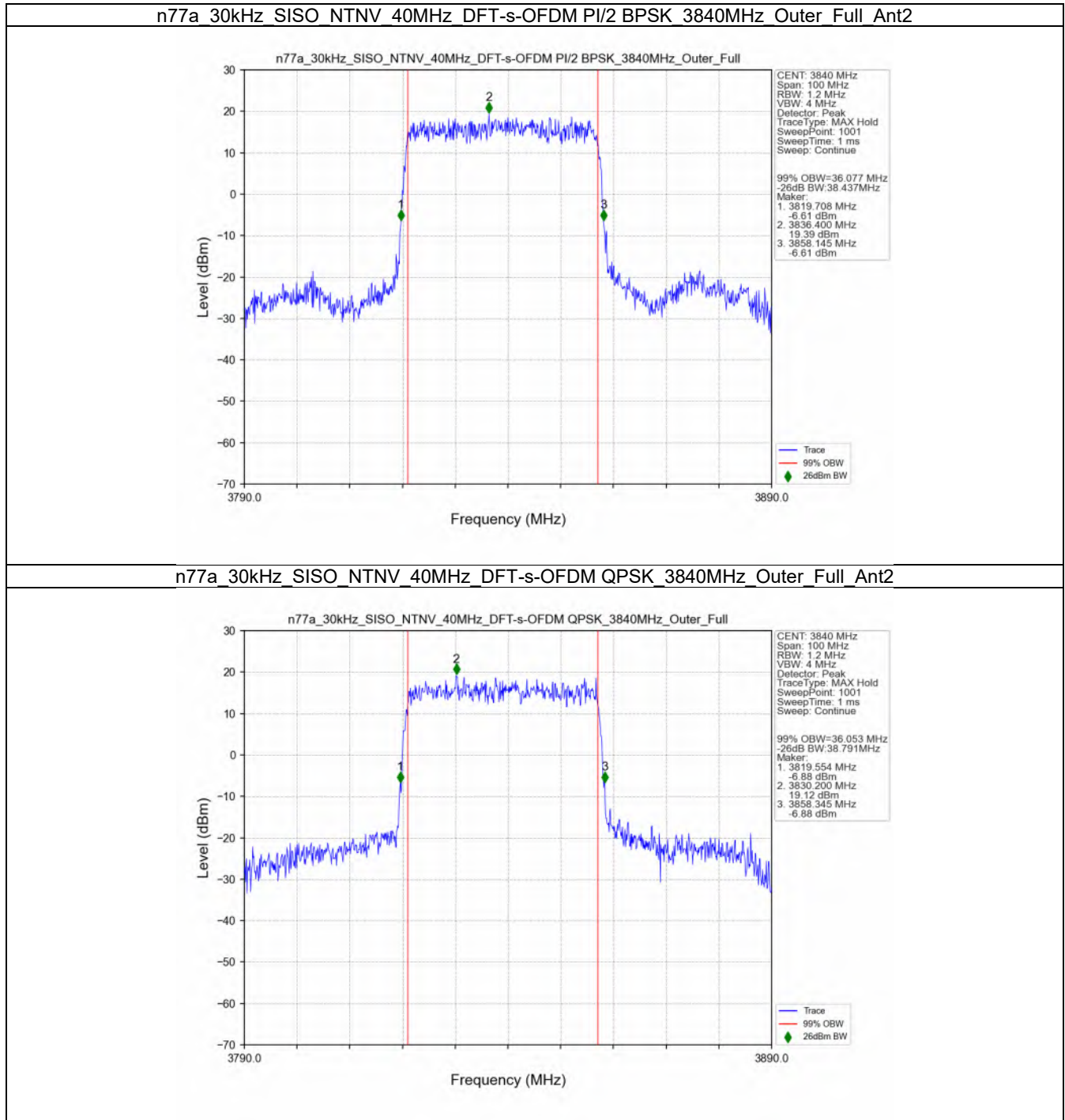
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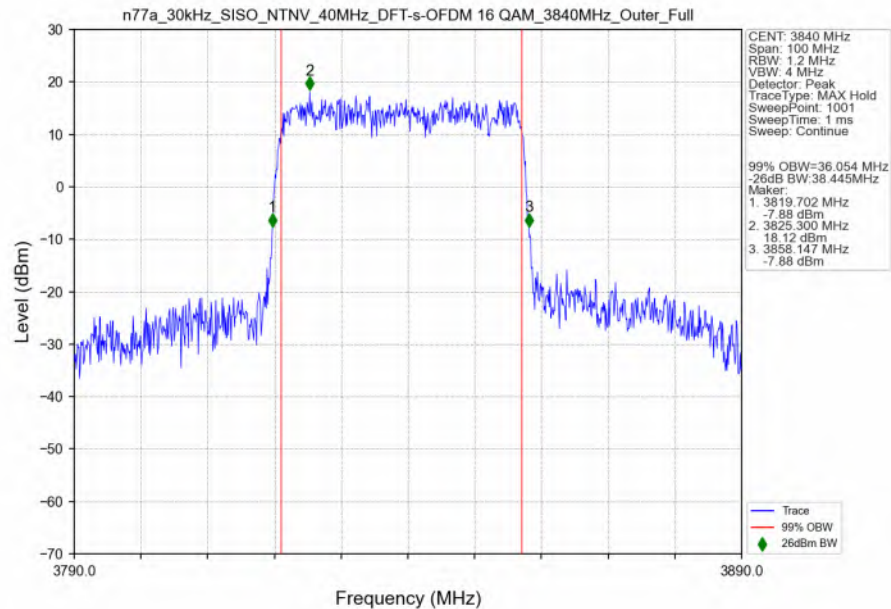
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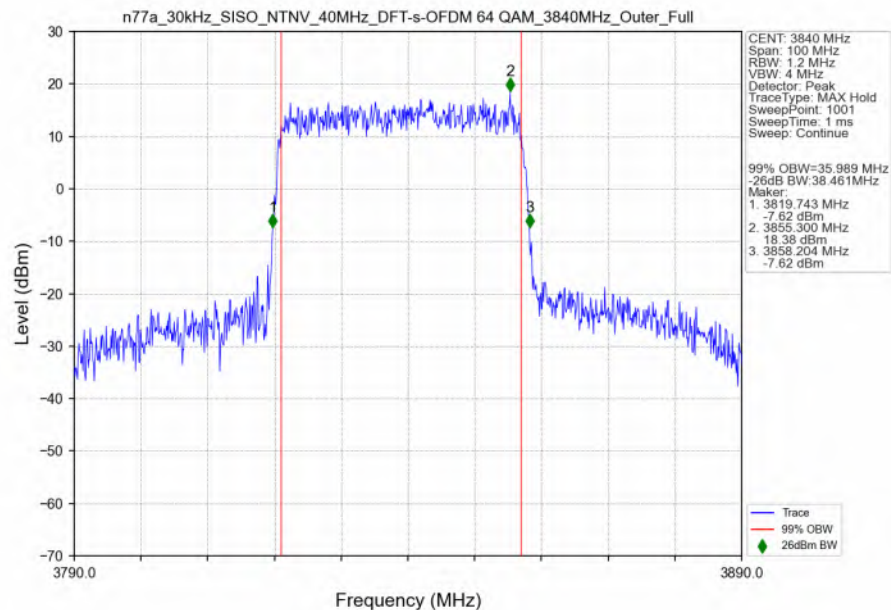
### 3.2.4 30\_S\_40M\_NTNV



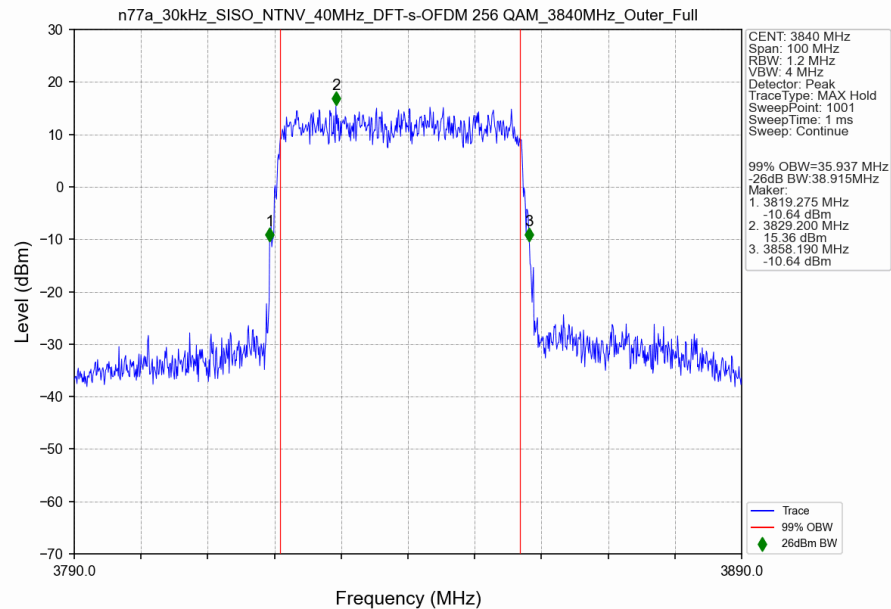
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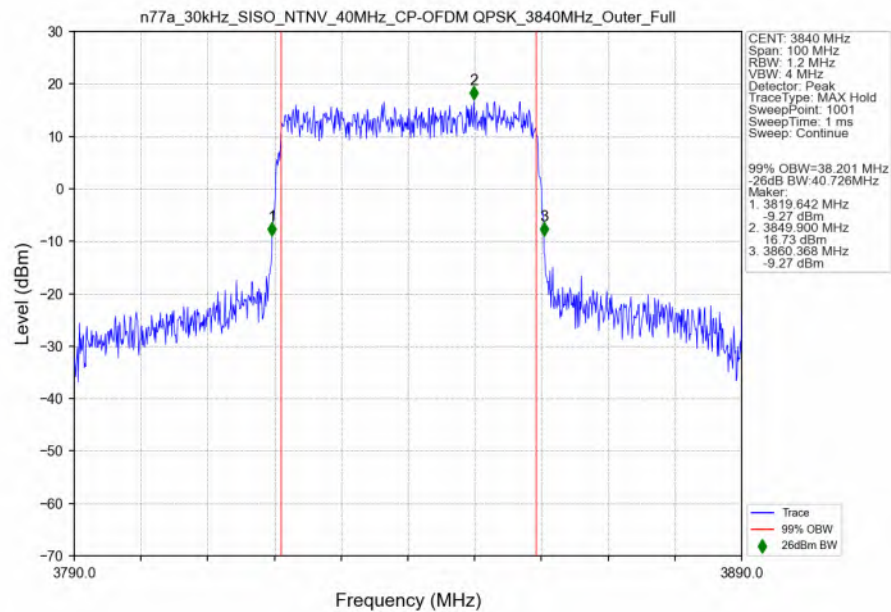
n77a\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 64 QAM\_3840MHz\_Outer\_Full\_Ant2



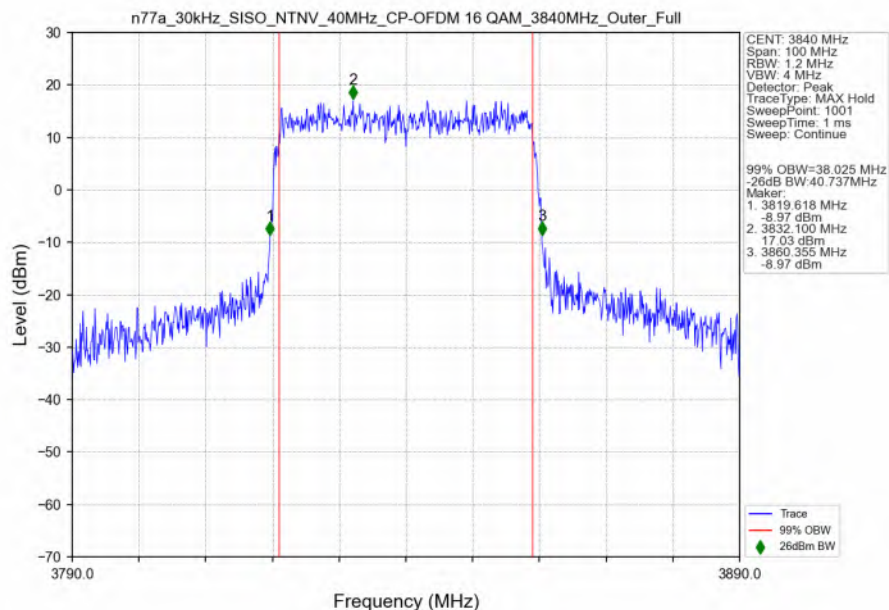
n77a\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 256 QAM\_3840MHz\_Outer\_Full\_Ant2



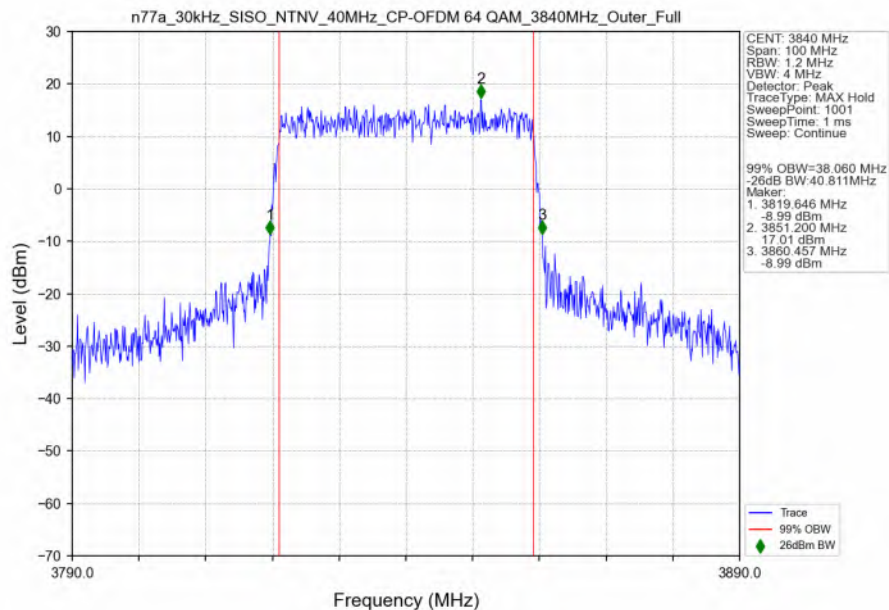
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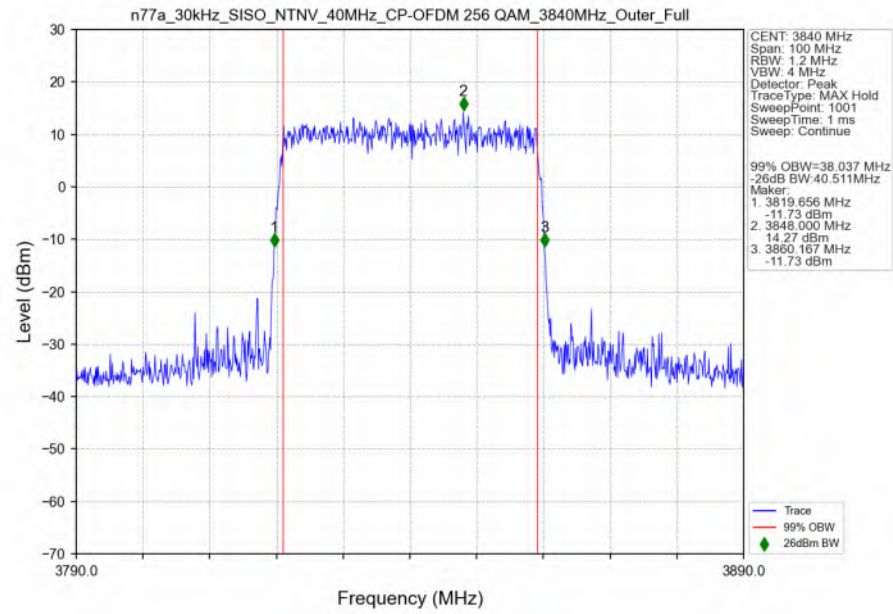
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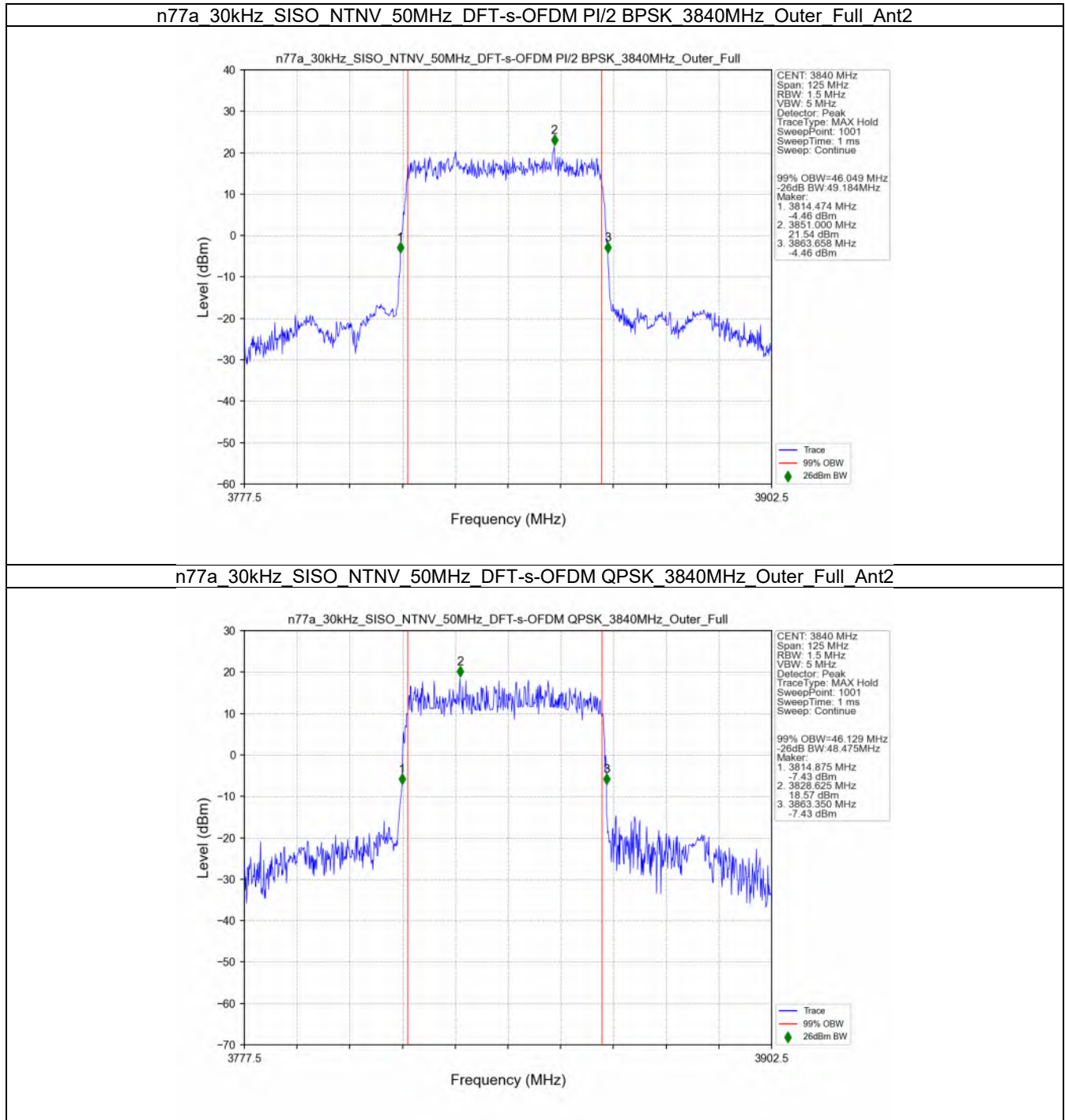
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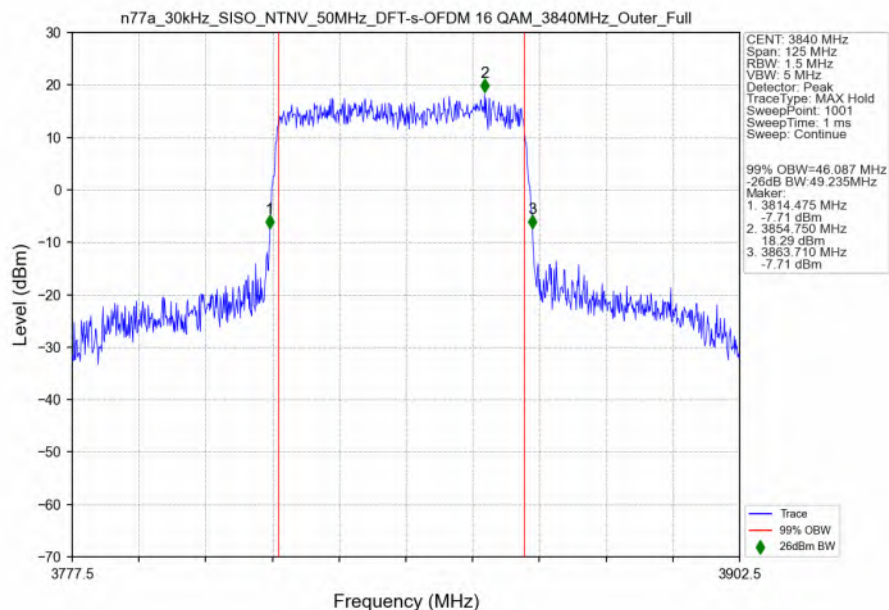
n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_256\_QAM\_3840MHz\_Outer\_Full\_Ant2



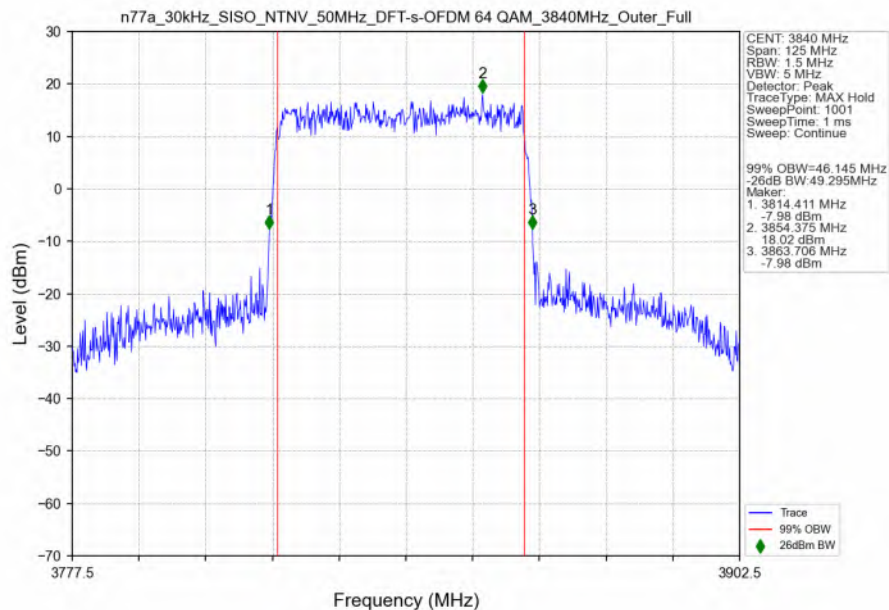
### 3.2.5 30\_S\_50M\_NTNV



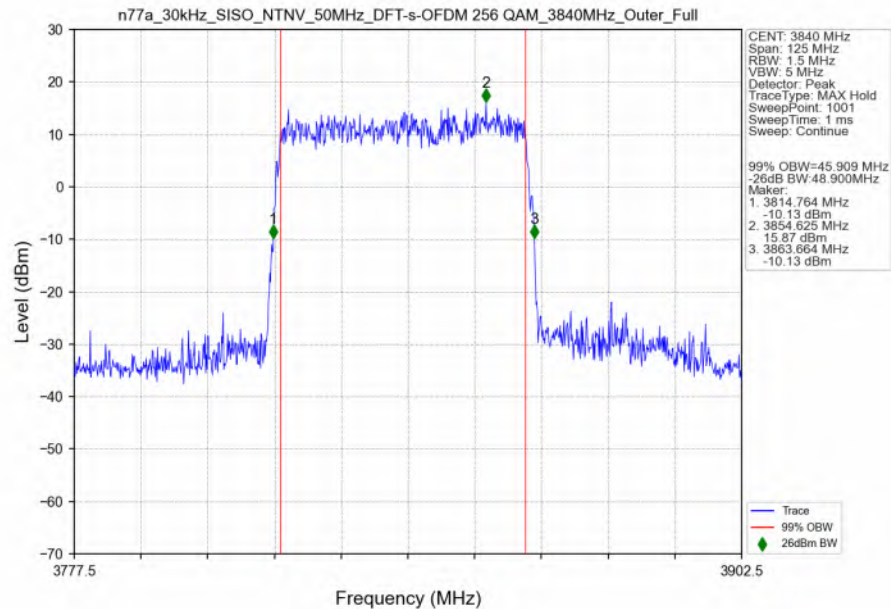
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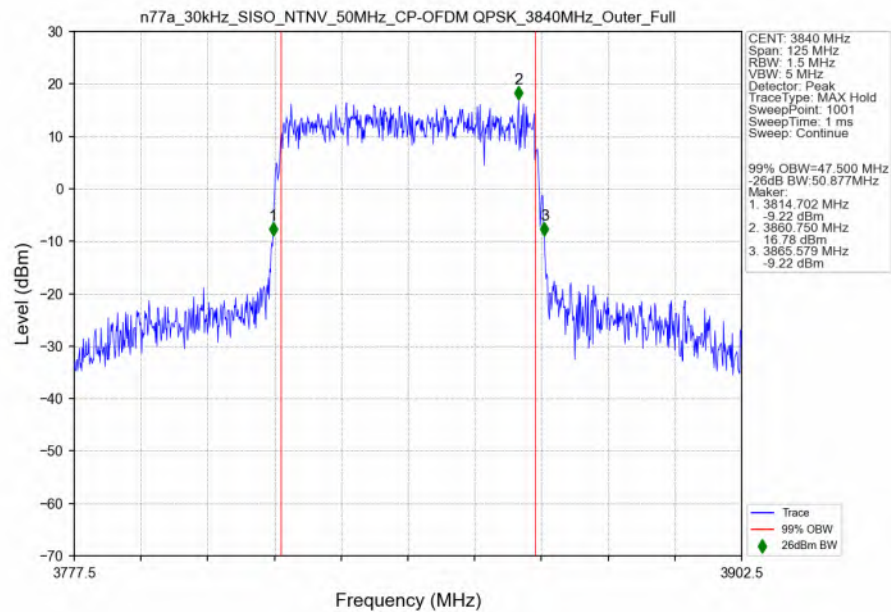
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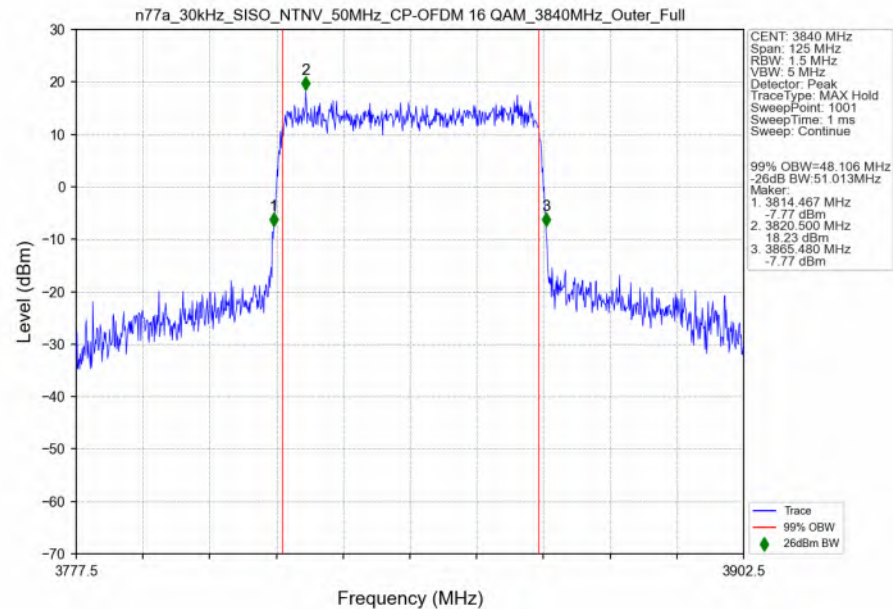
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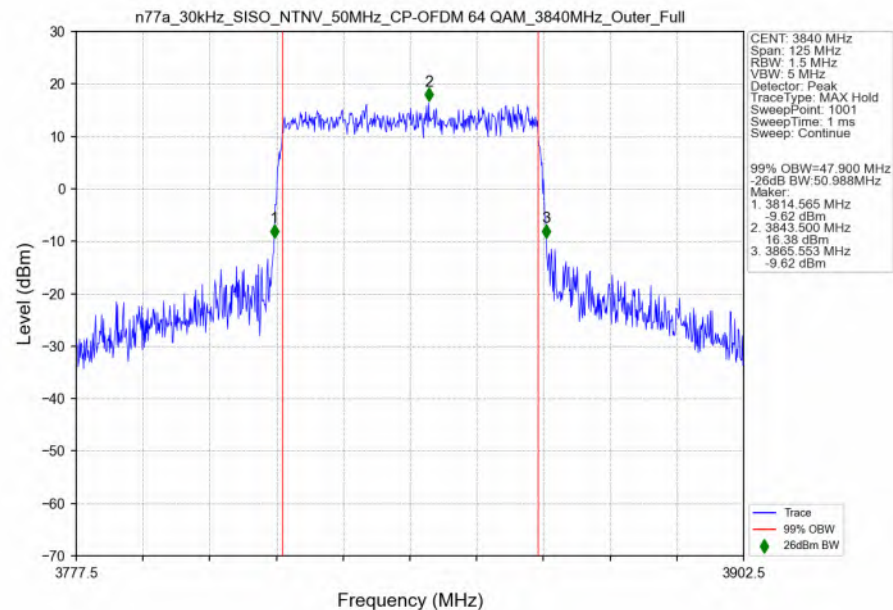
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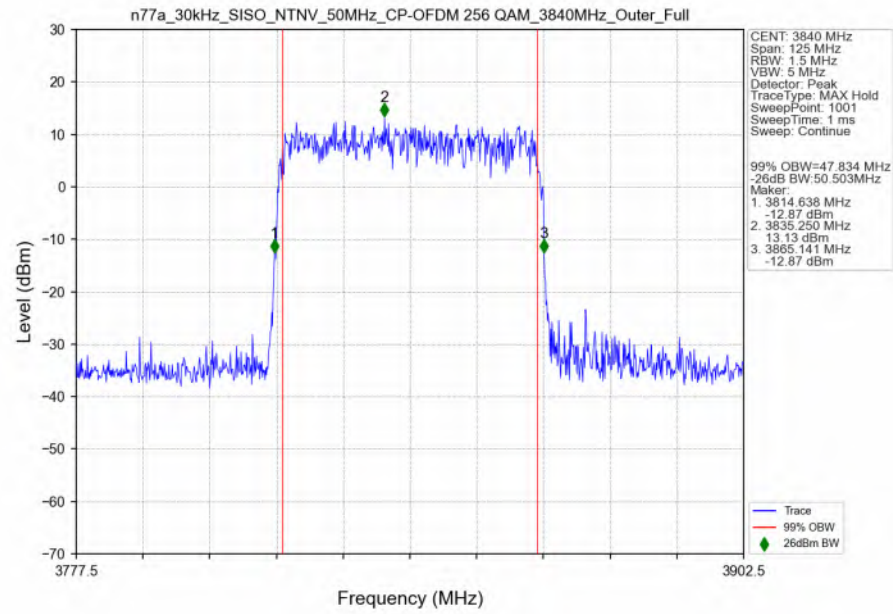
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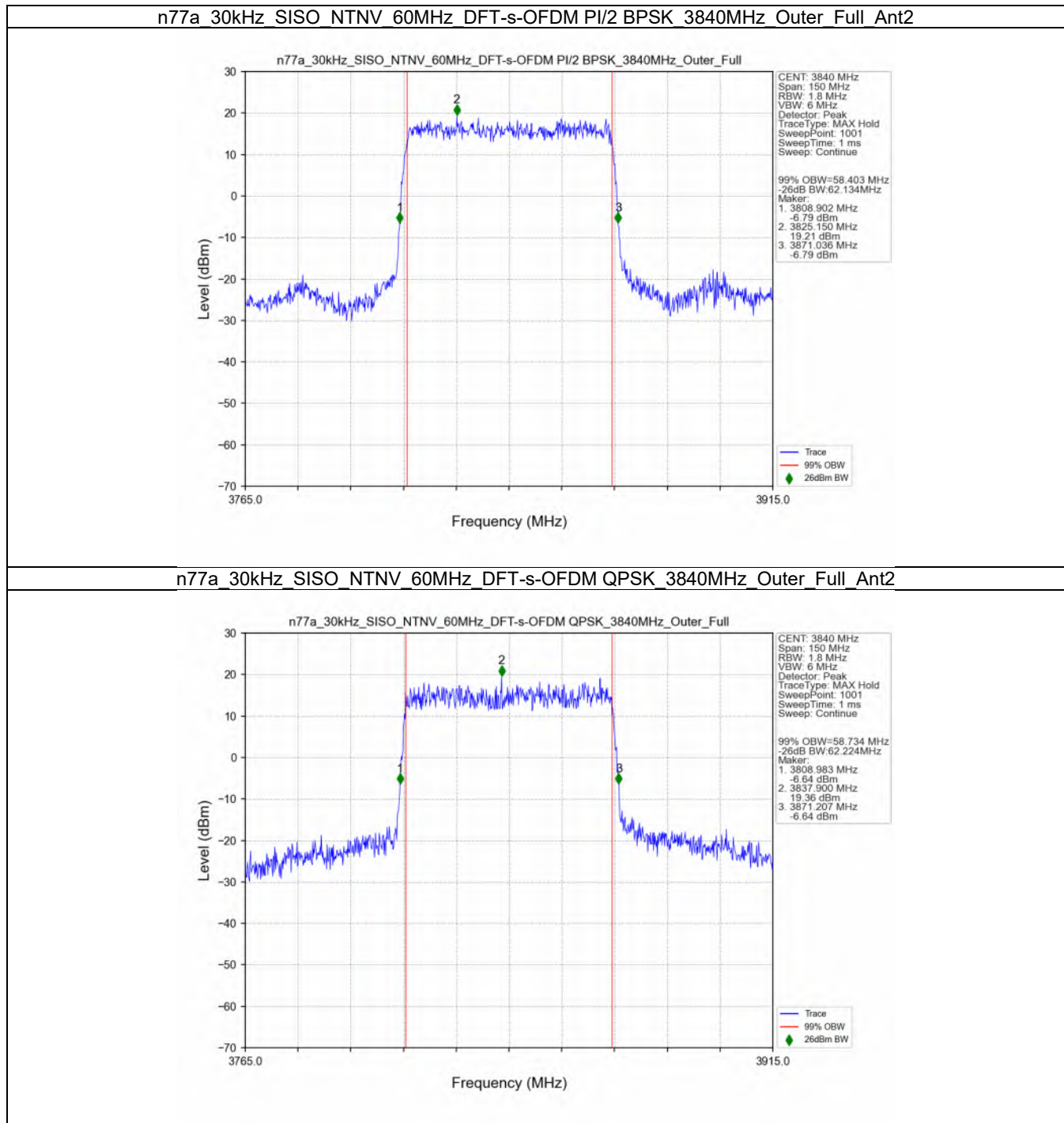
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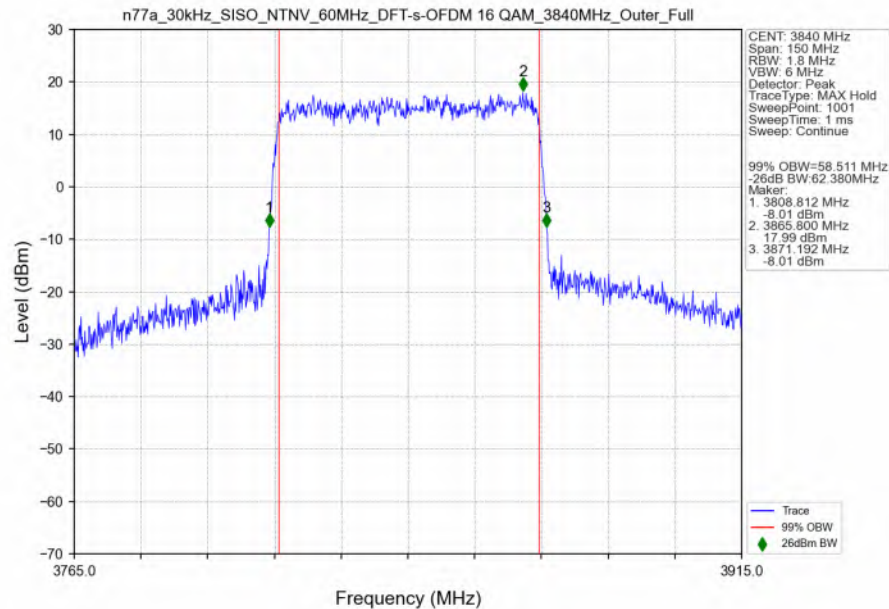
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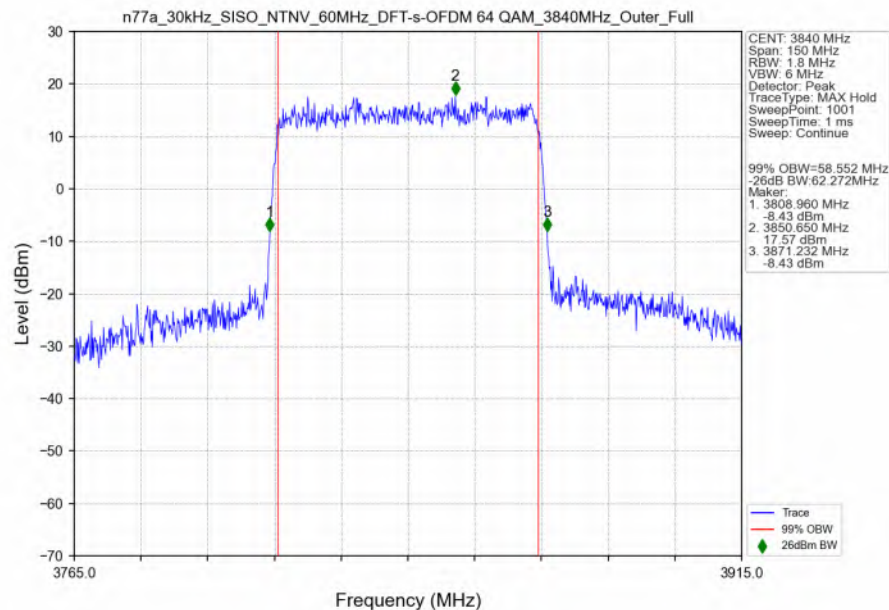
### 3.2.6 30\_S\_60M\_NTNV



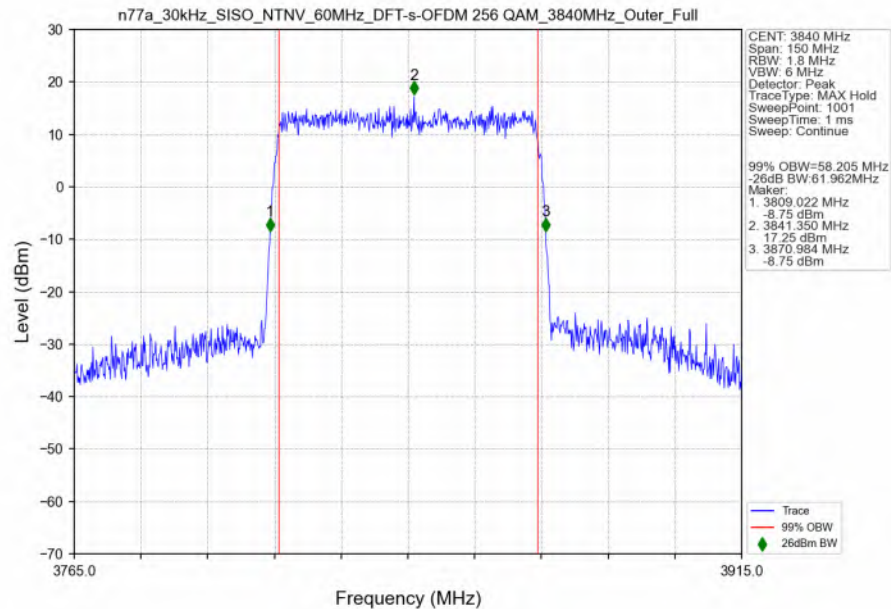
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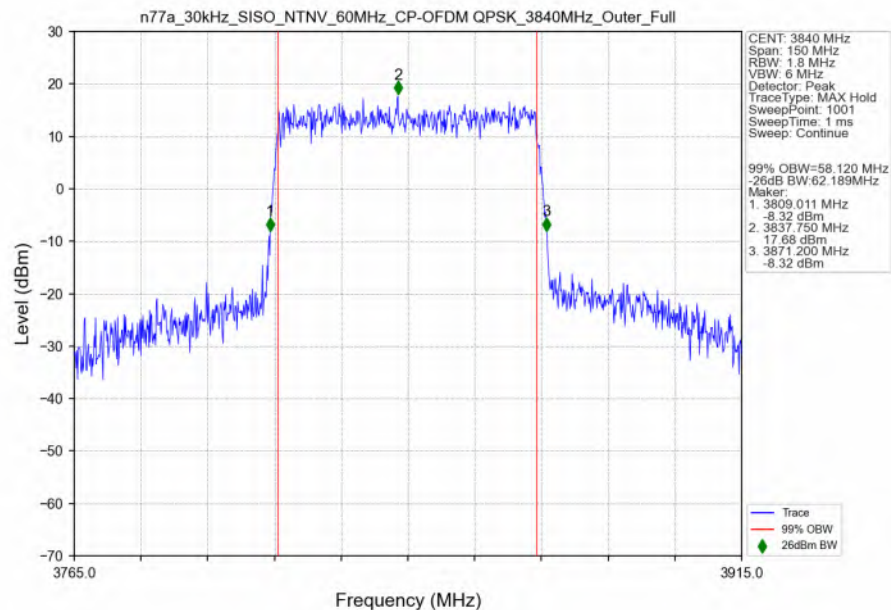
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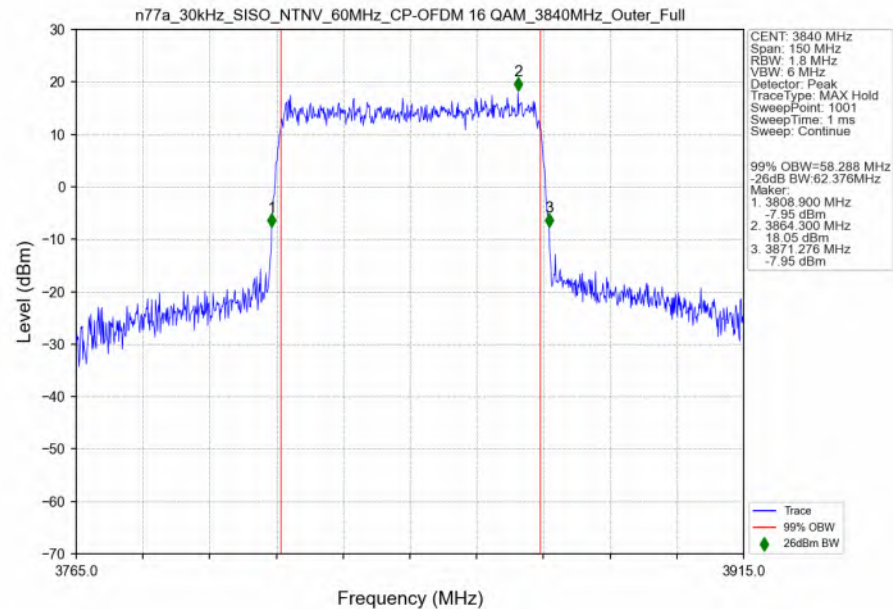
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_256\_QAM\_3840MHz\_Outer\_Full\_Ant2



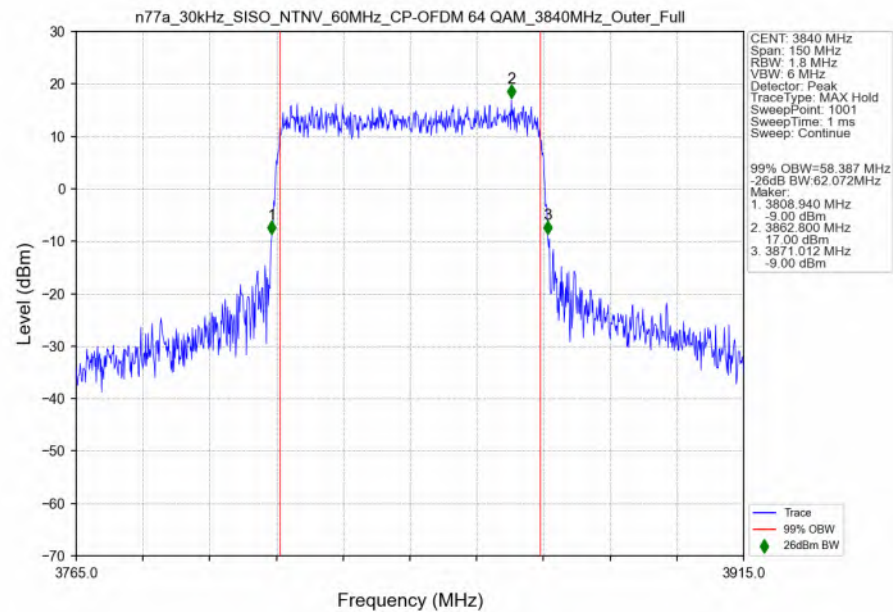
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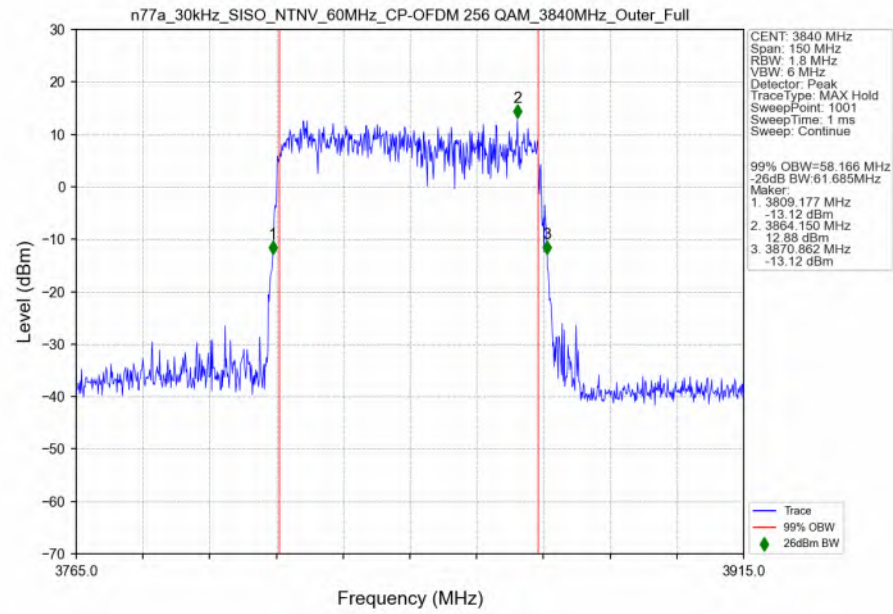
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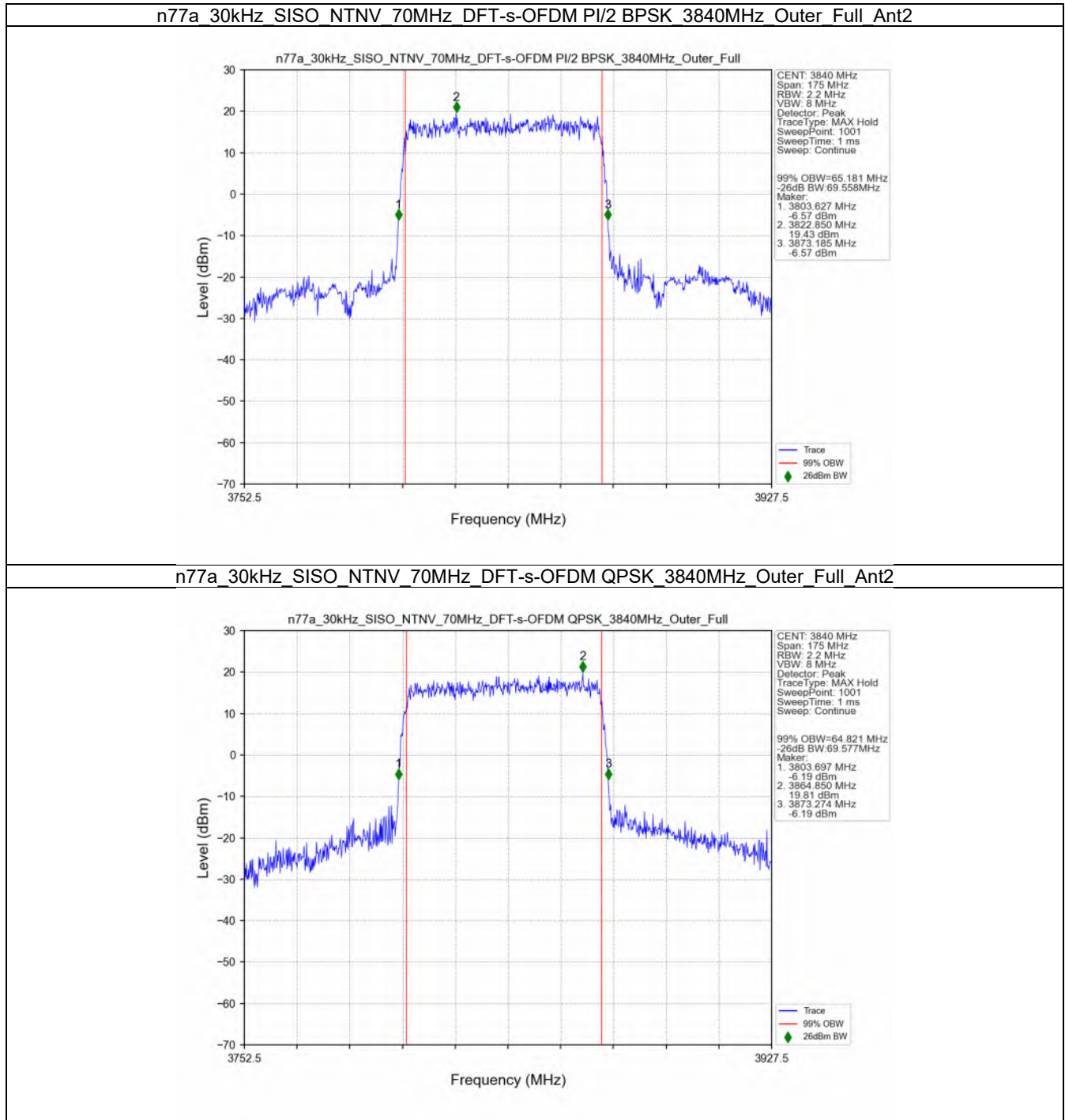
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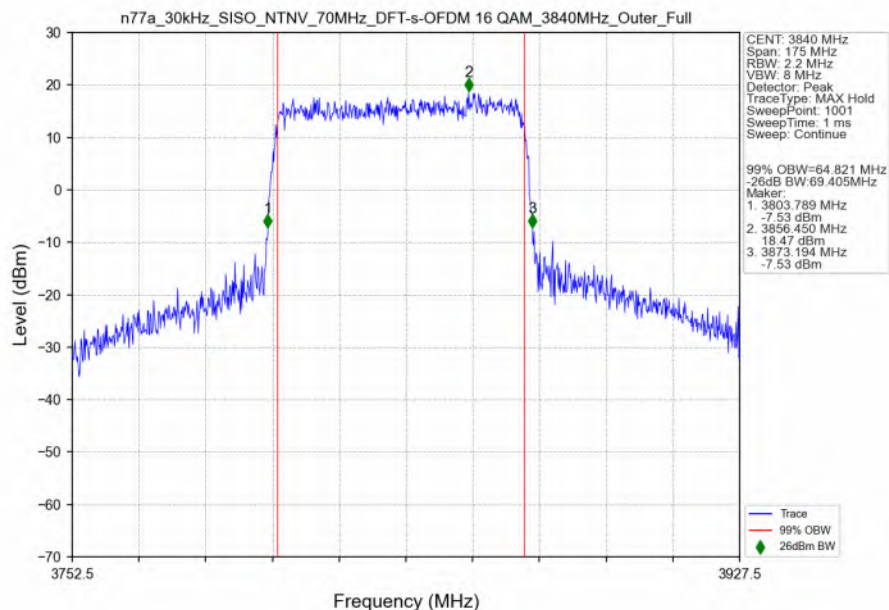
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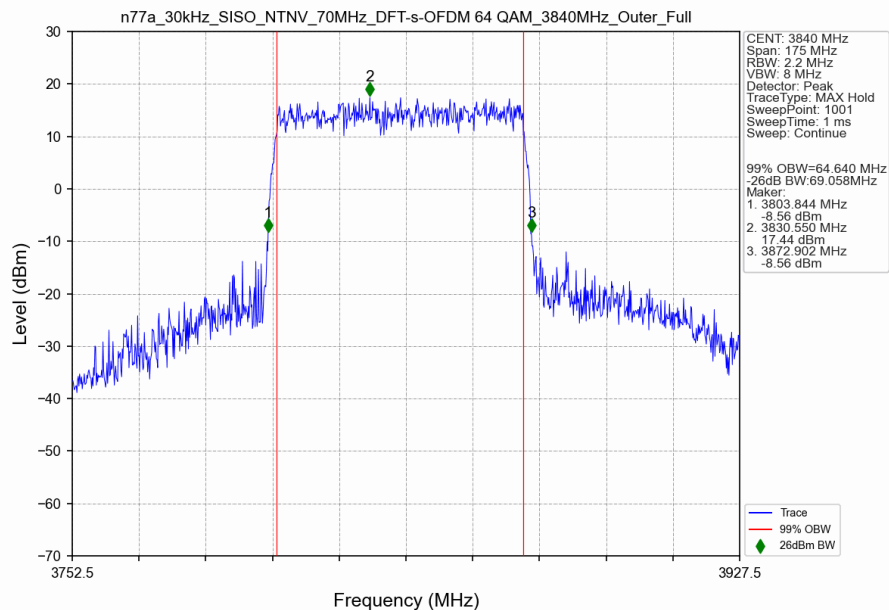
### 3.2.7 30\_S\_70M\_NTNV



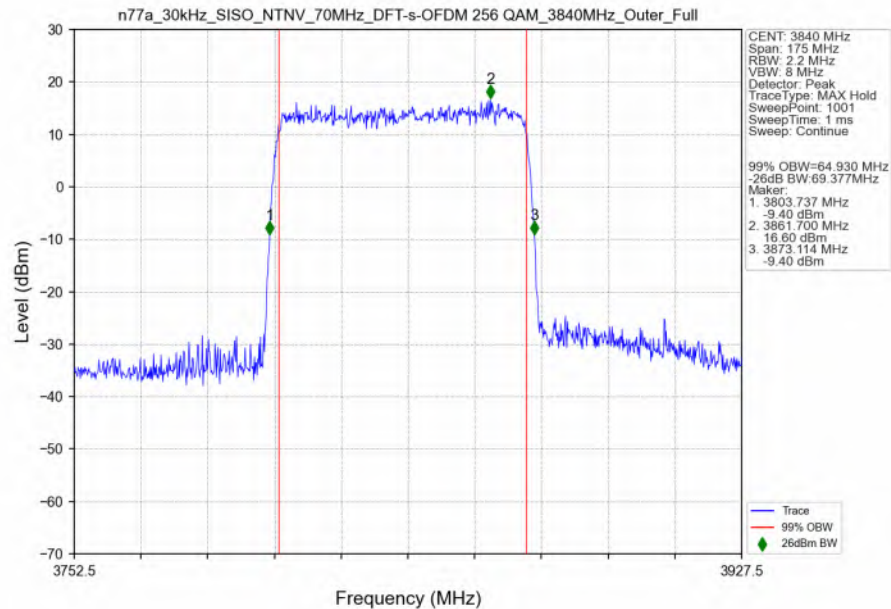
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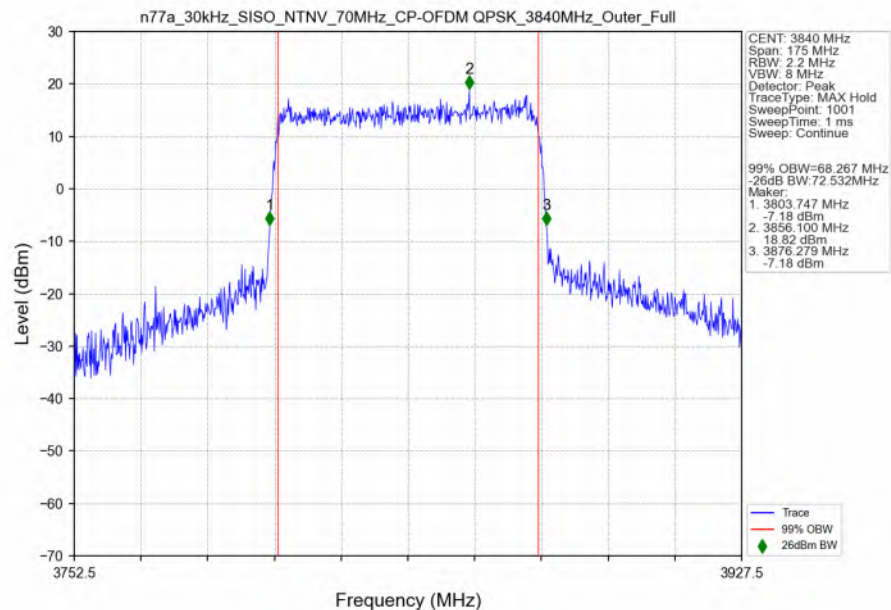
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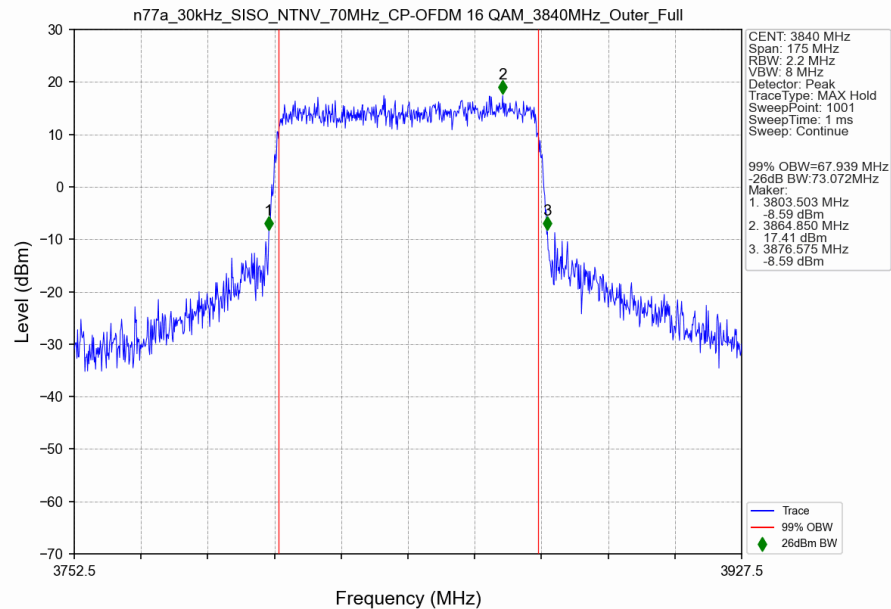
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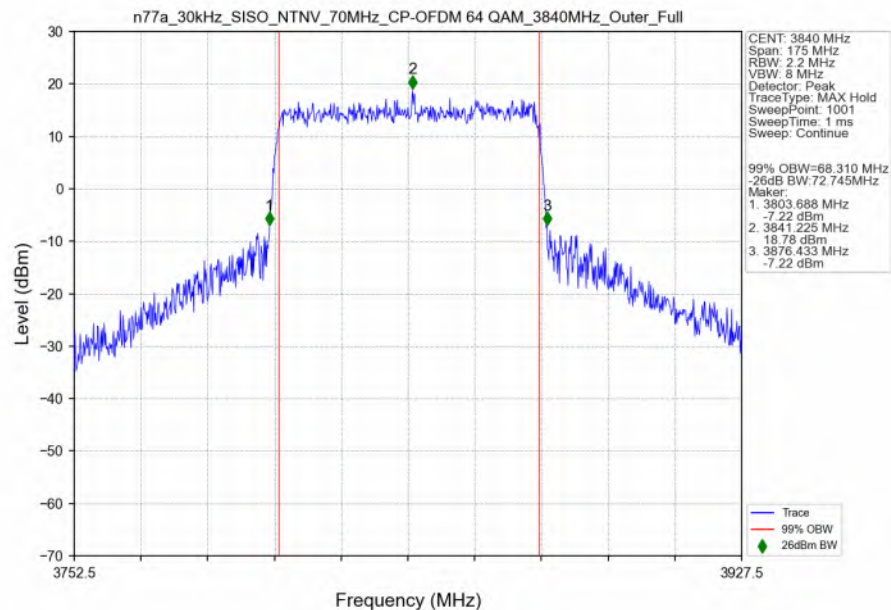
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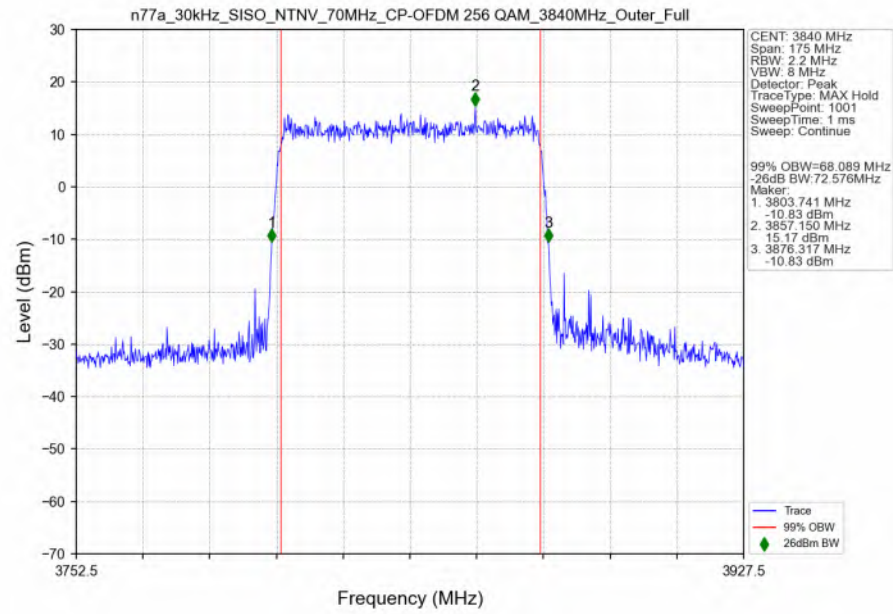
n77a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM\_3840MHz\_Outer\_Full\_Ant2



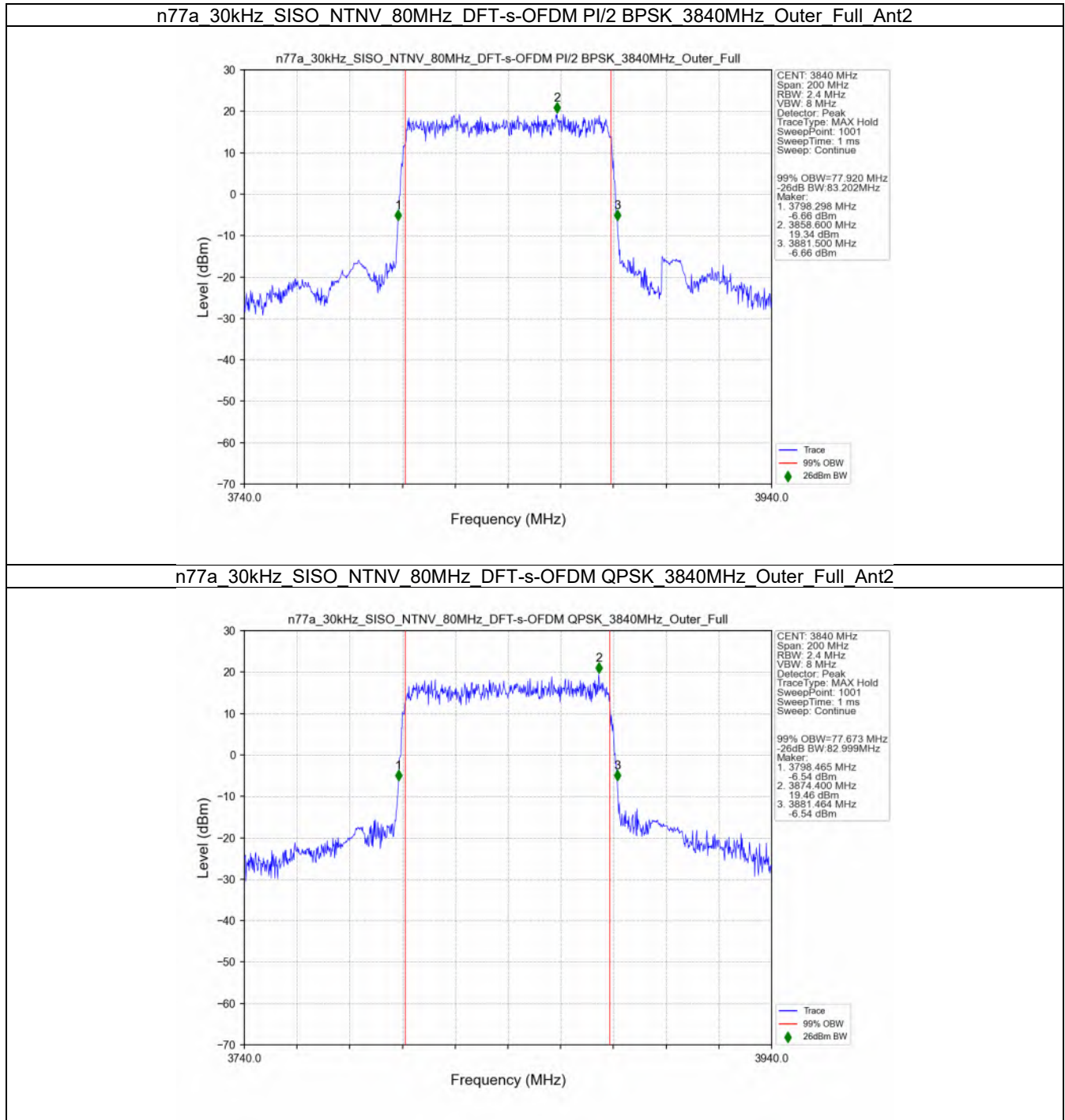
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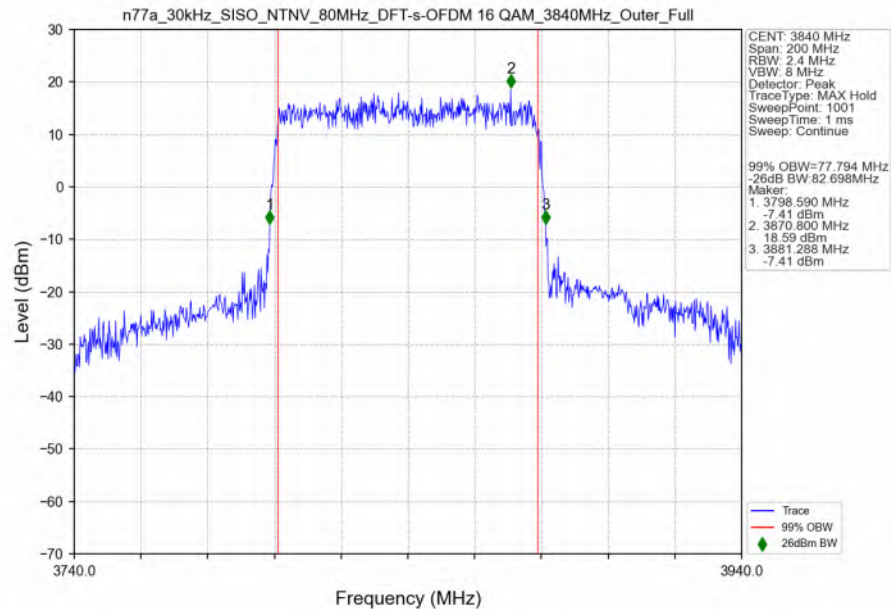
n77a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3840MHz\_Outer\_Full\_Ant2



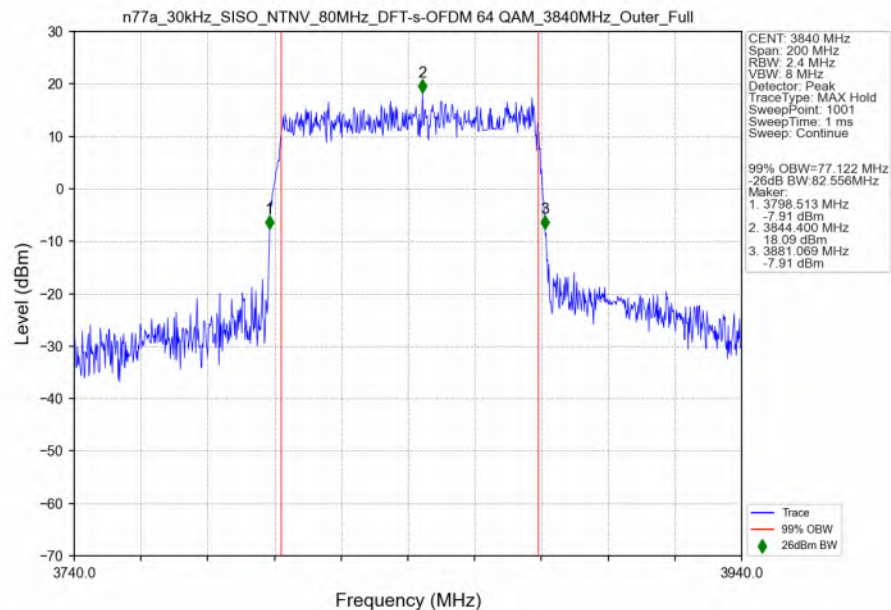
### 3.2.8 30\_S\_80M\_NTNV



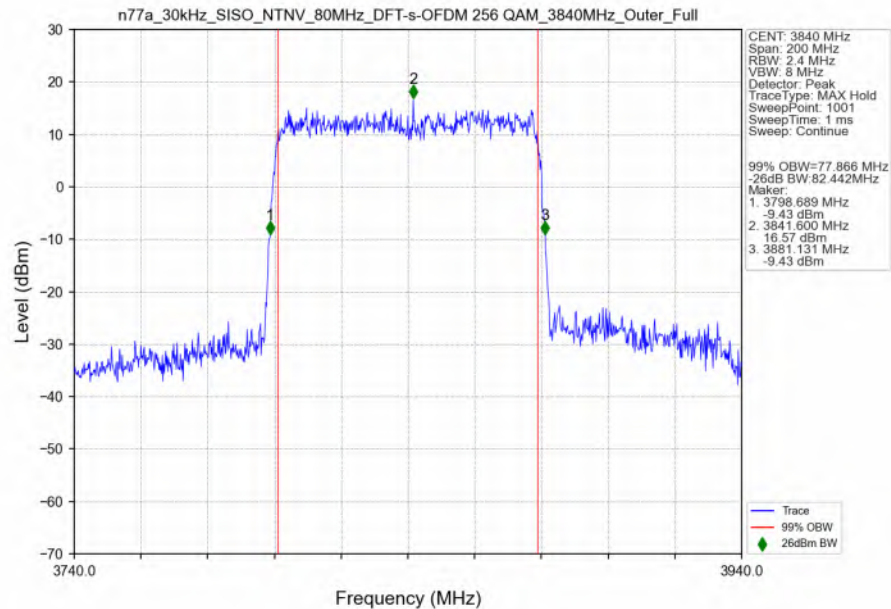
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM 16 QAM\_3840MHz\_Outer\_Full\_Ant2



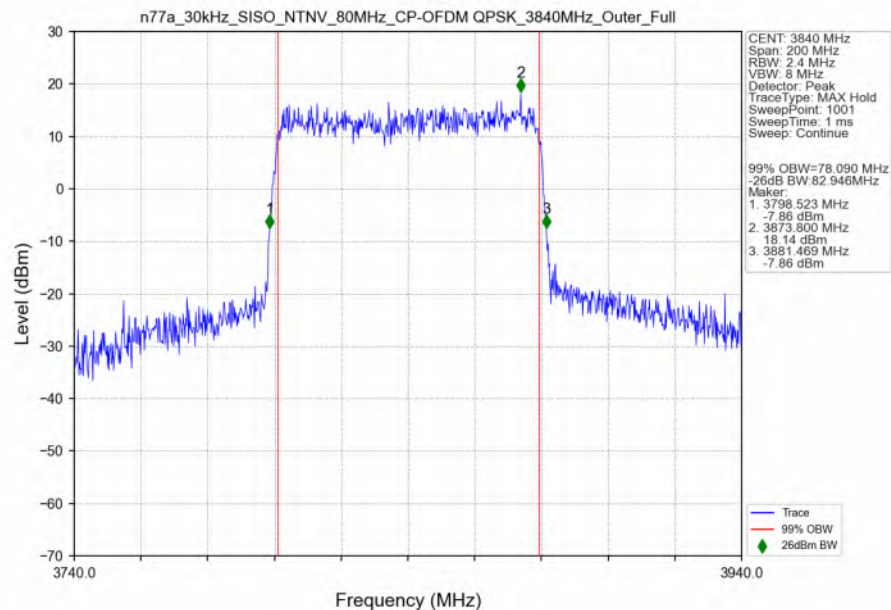
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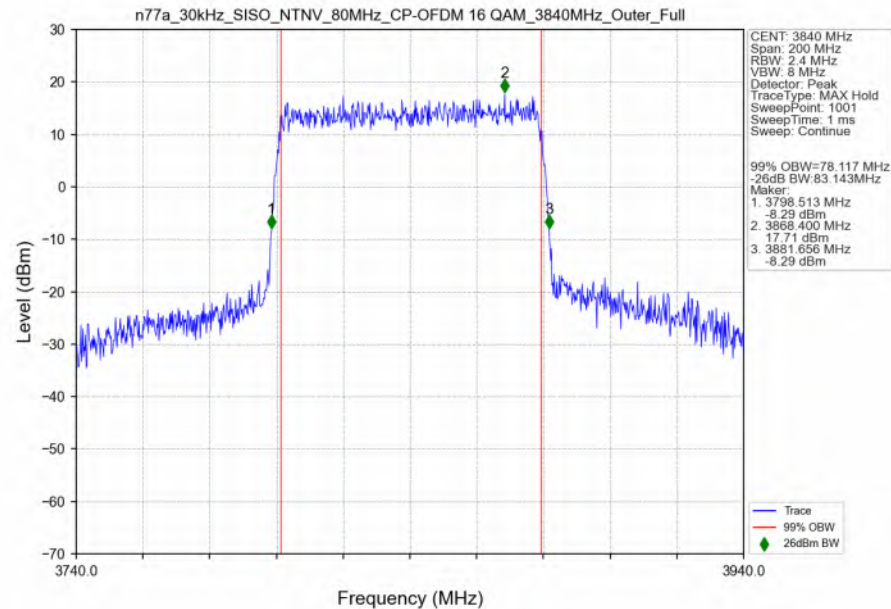
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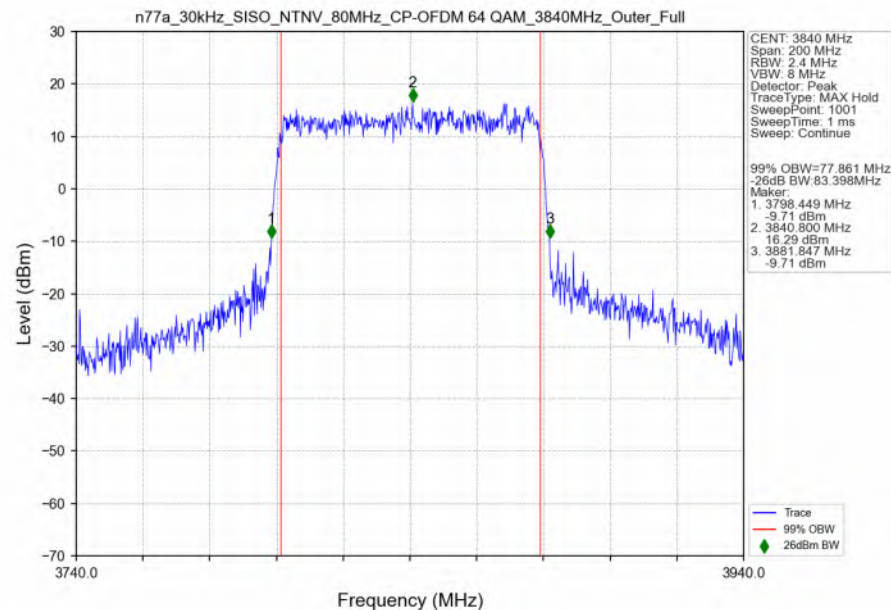
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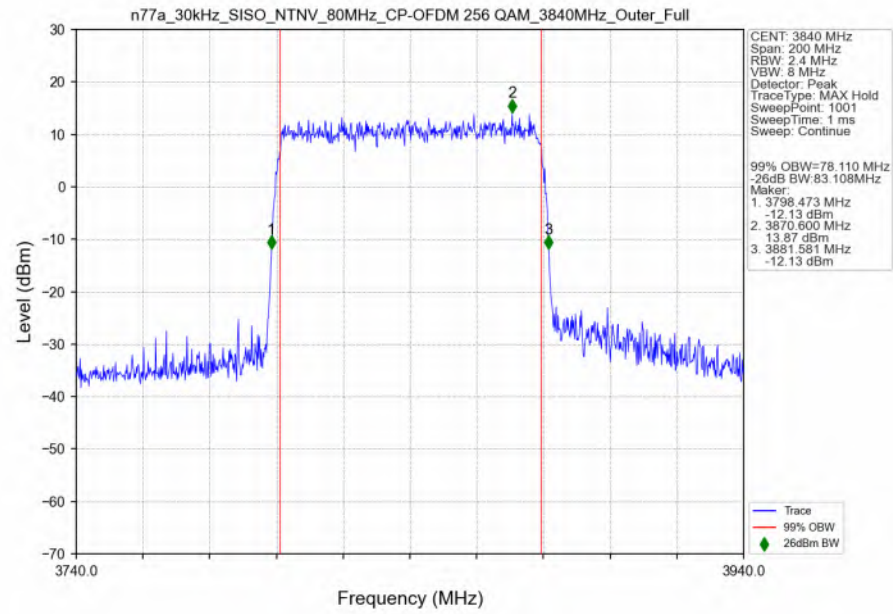
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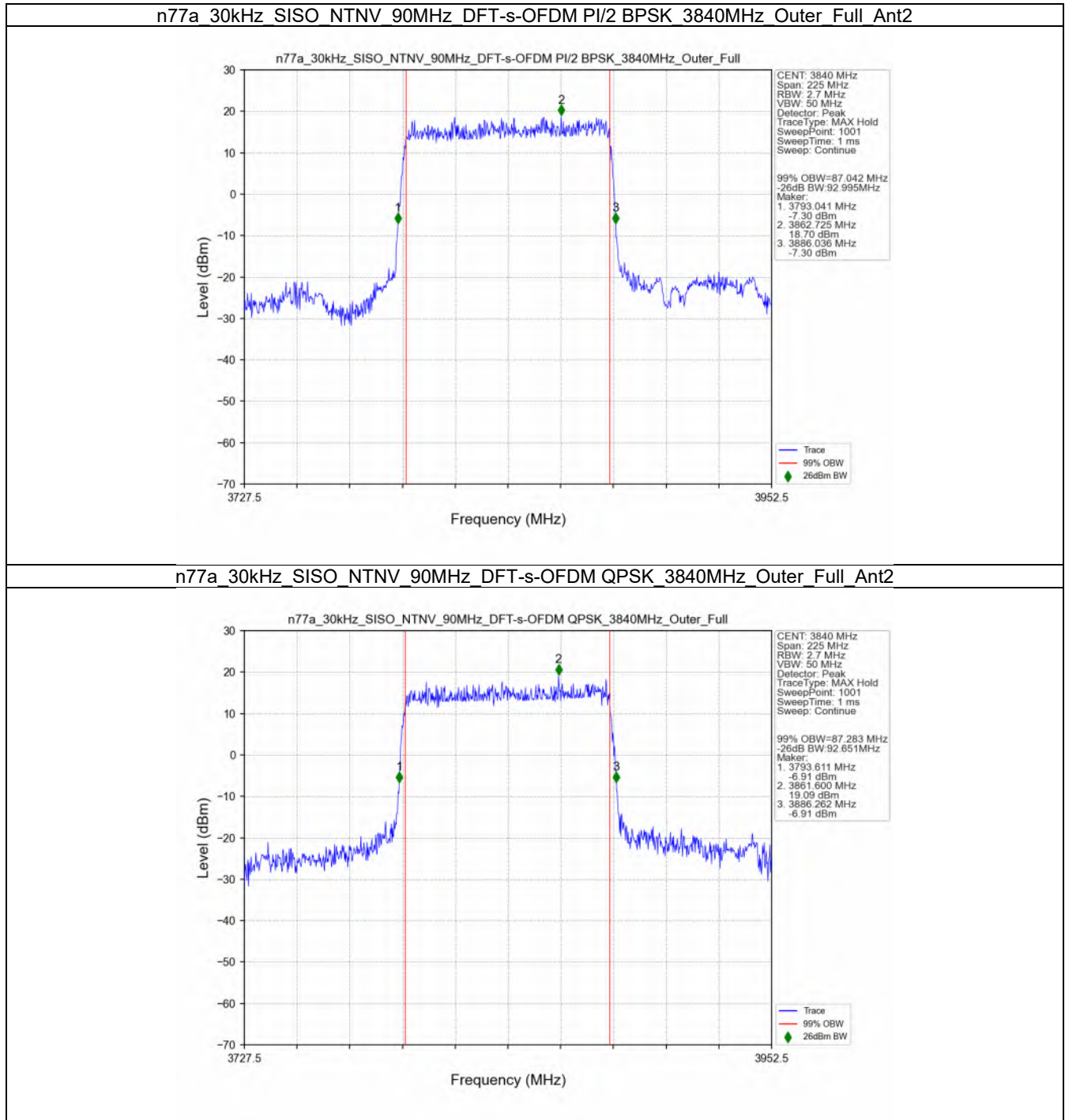
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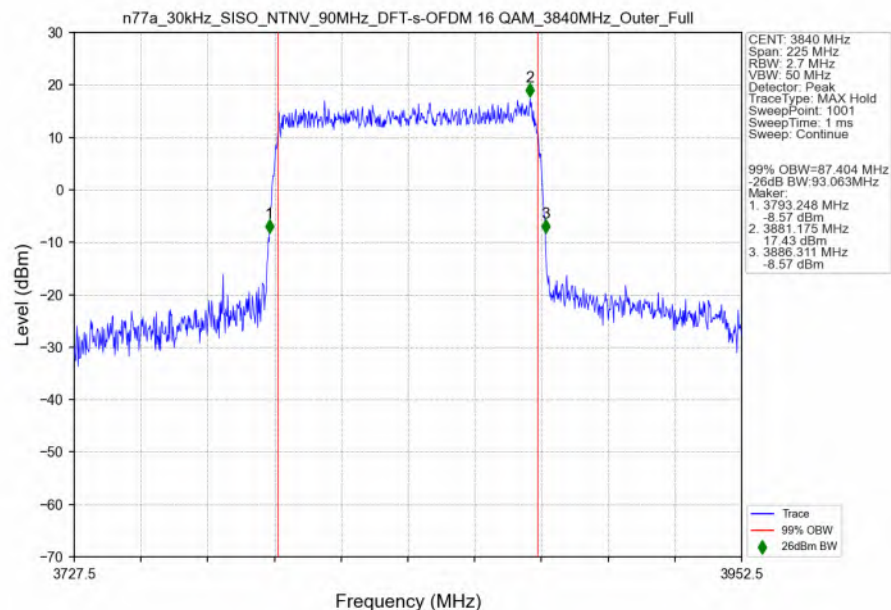
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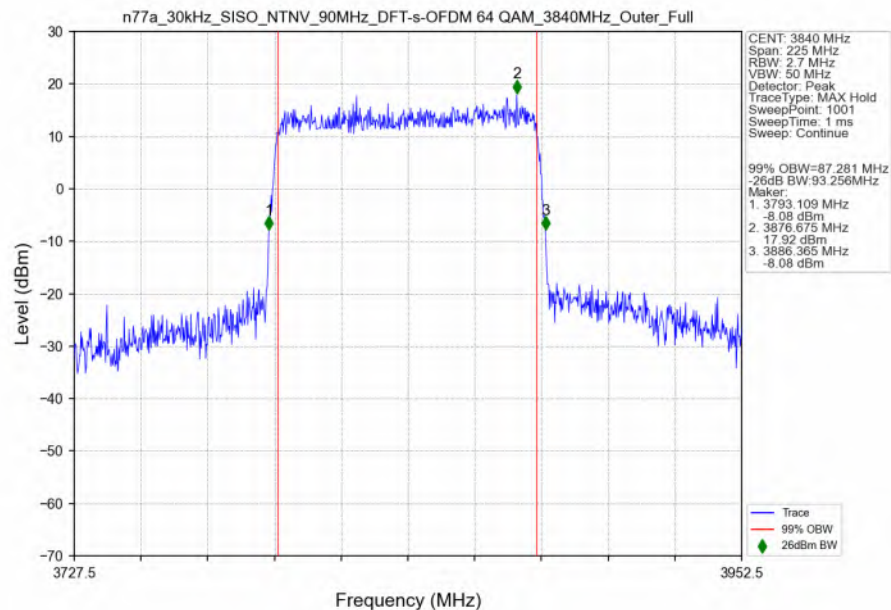
### 3.2.9 30\_S\_90M\_NTNV



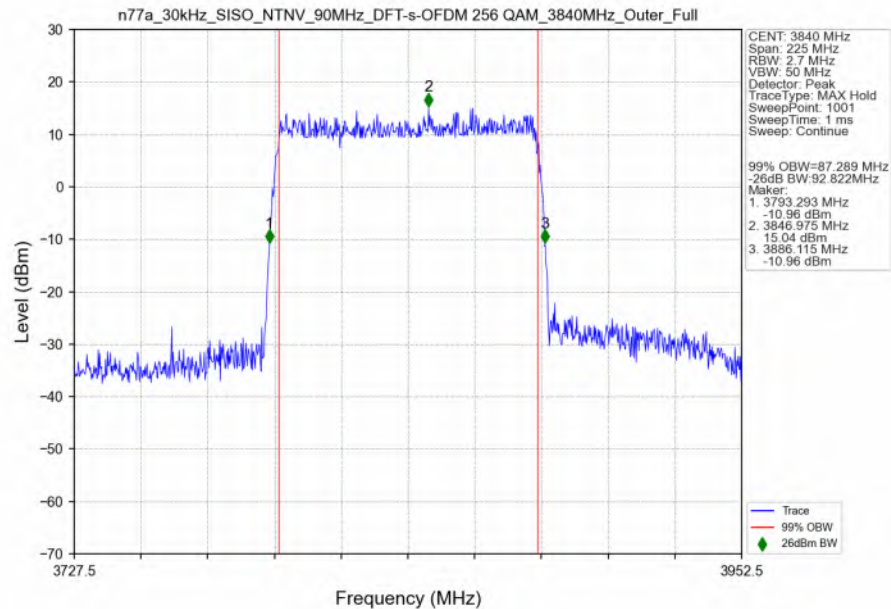
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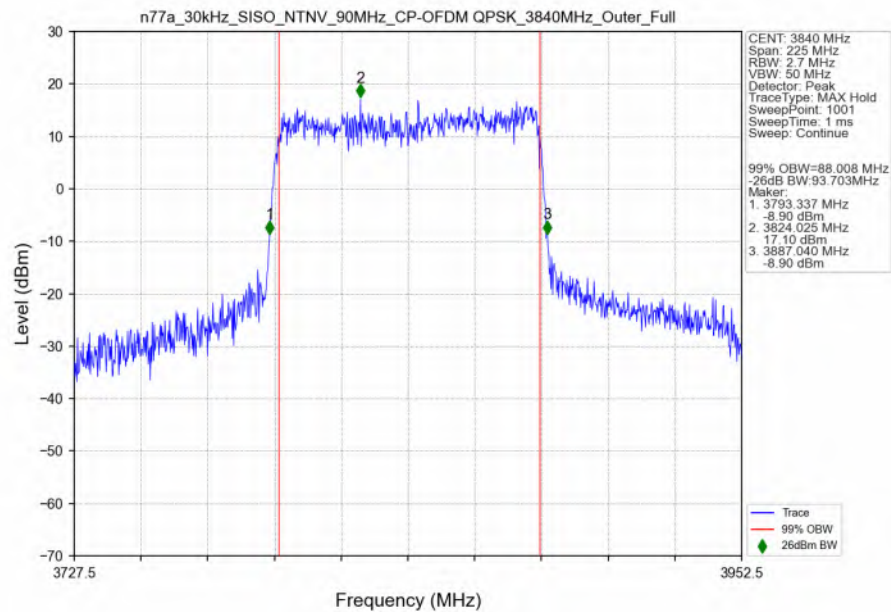
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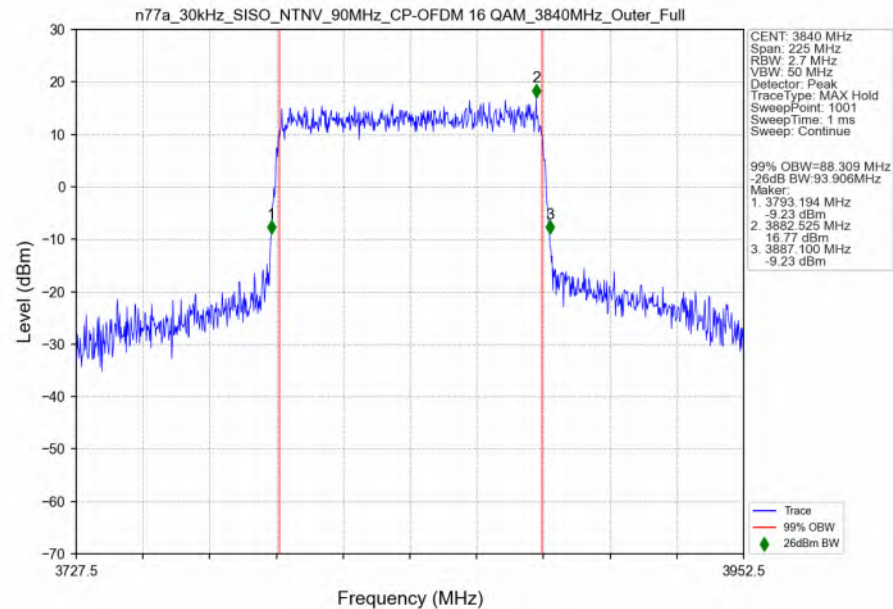
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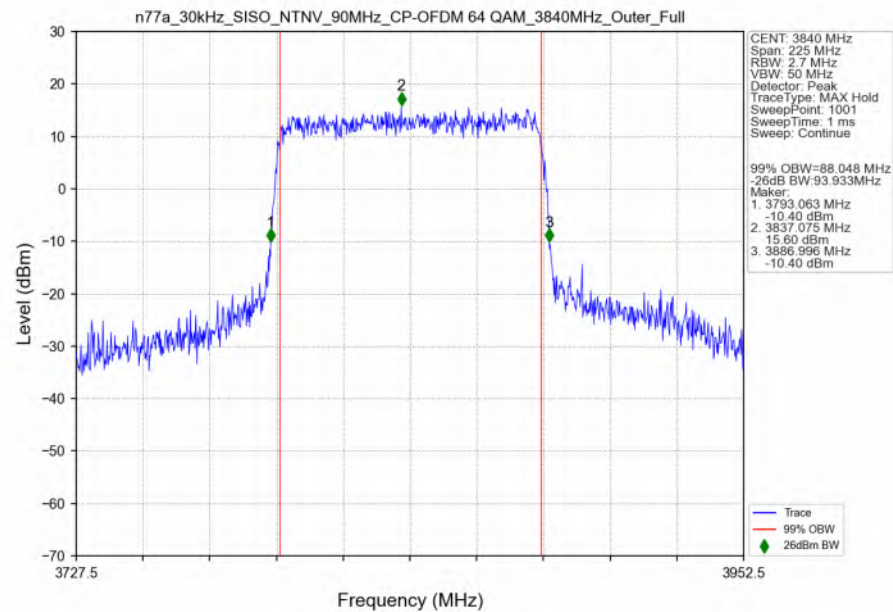
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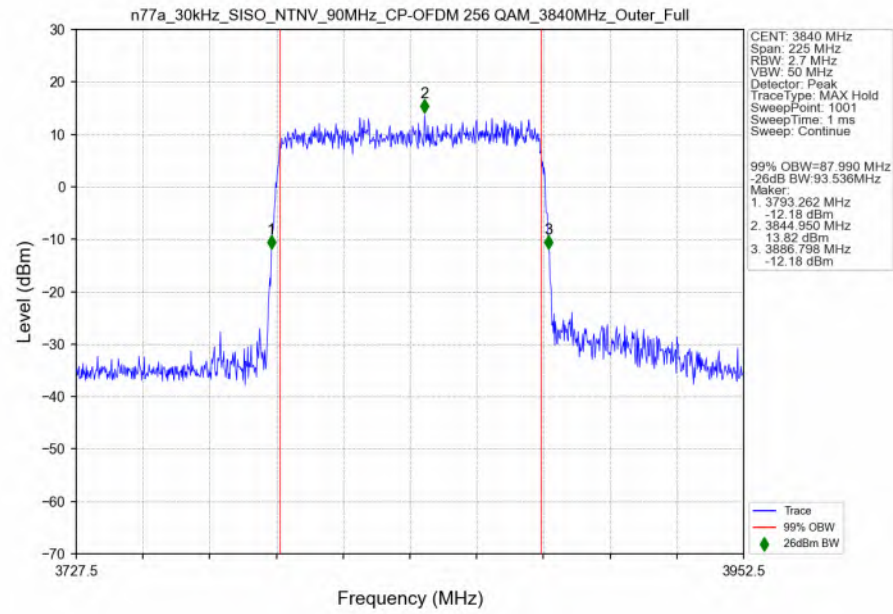
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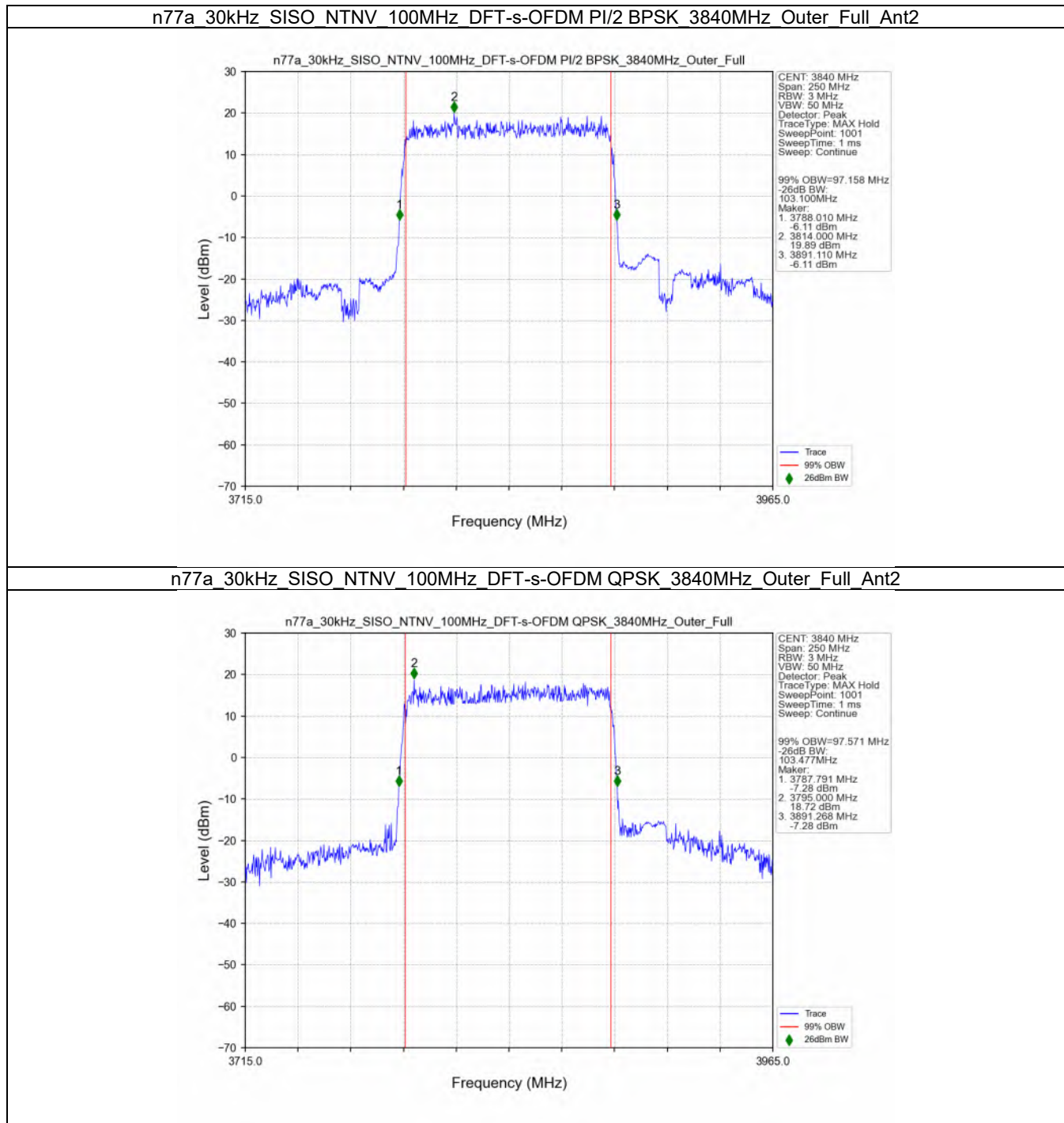
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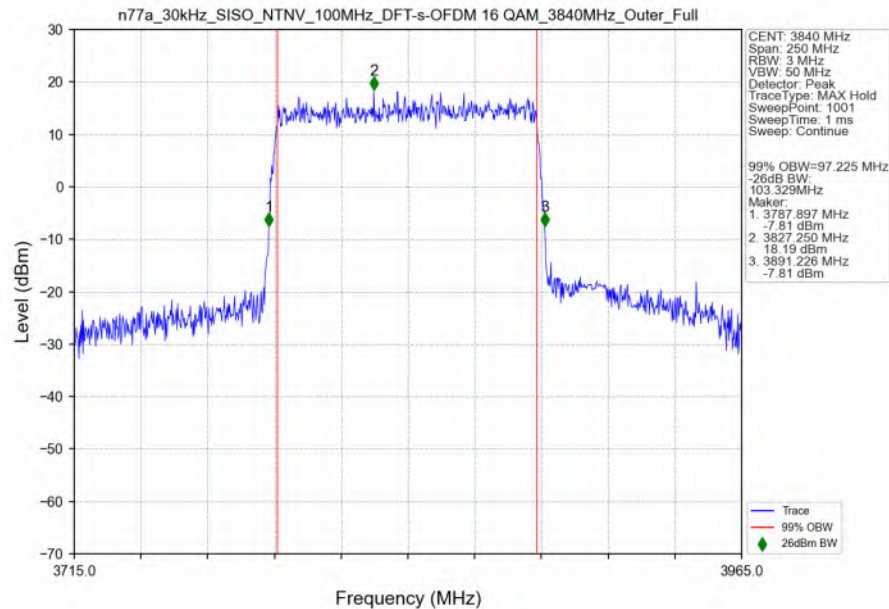
n77a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_256\_QAM\_3840MHz\_Outer\_Full\_Ant2



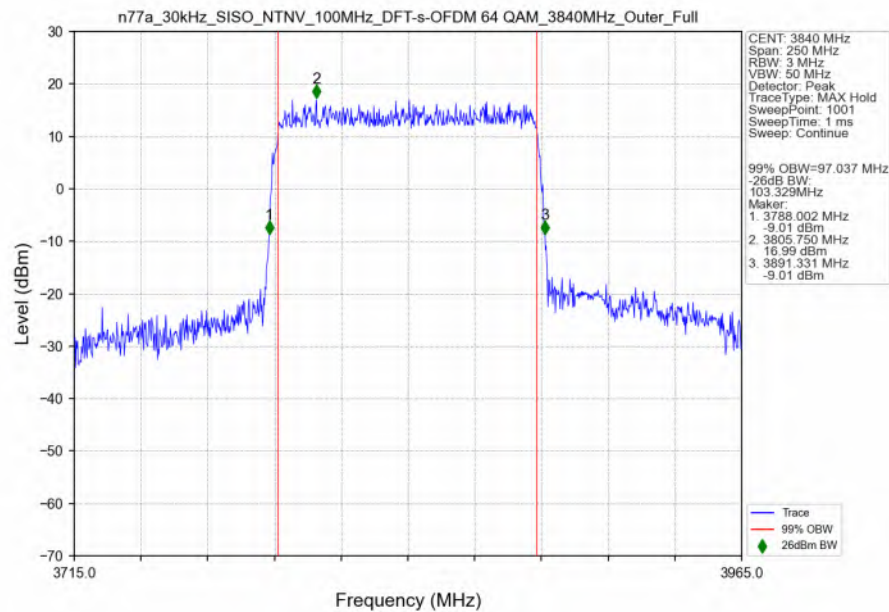
### 3.2.10 30\_S\_100M\_NTNV



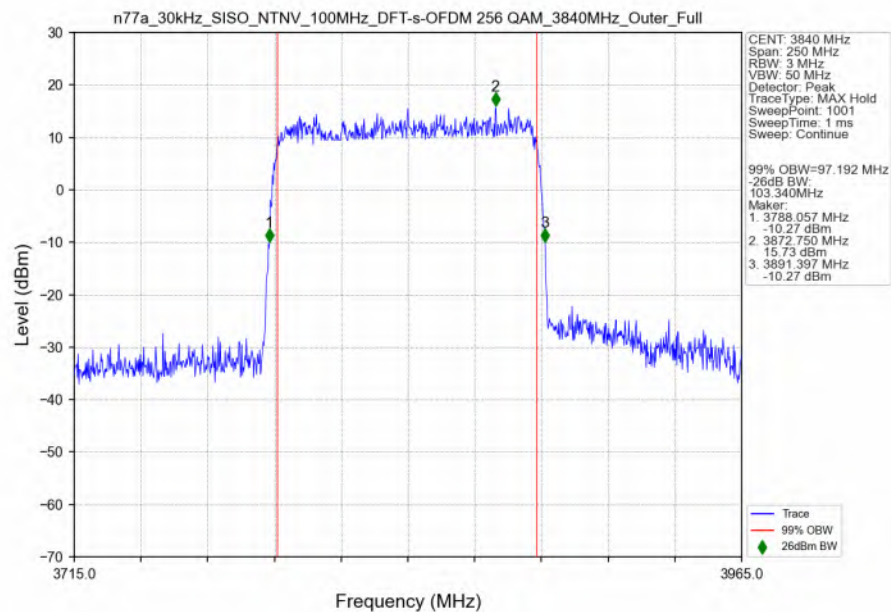
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM 16 QAM\_3840MHz\_Outer\_Full\_Ant2



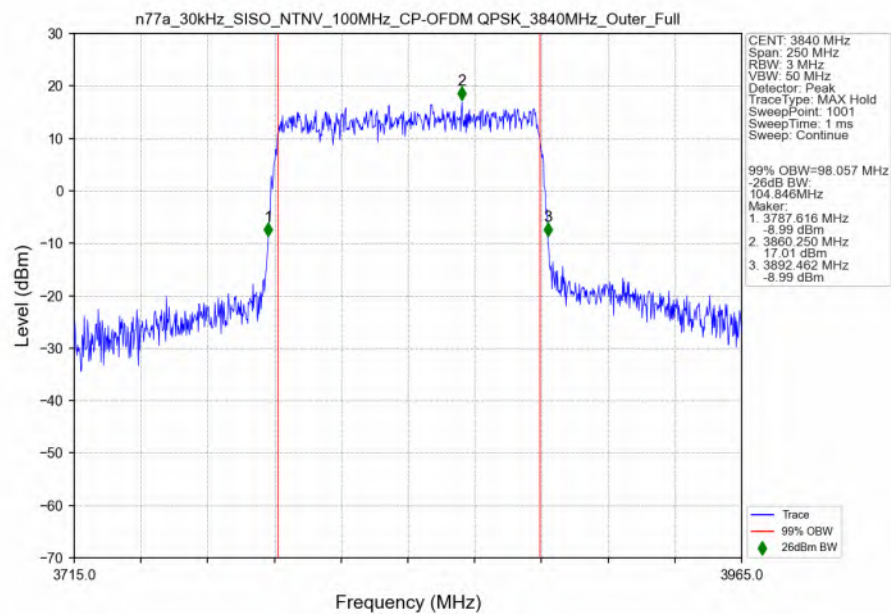
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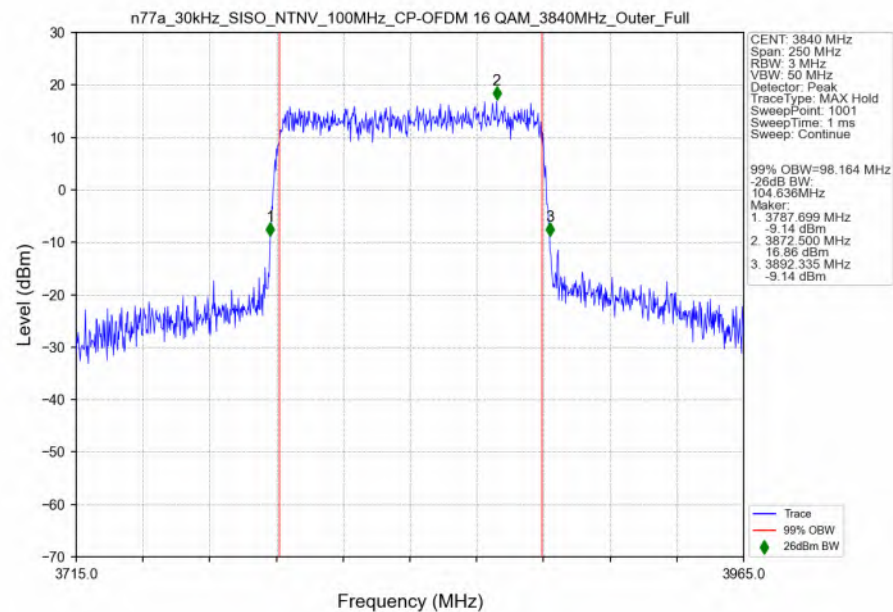
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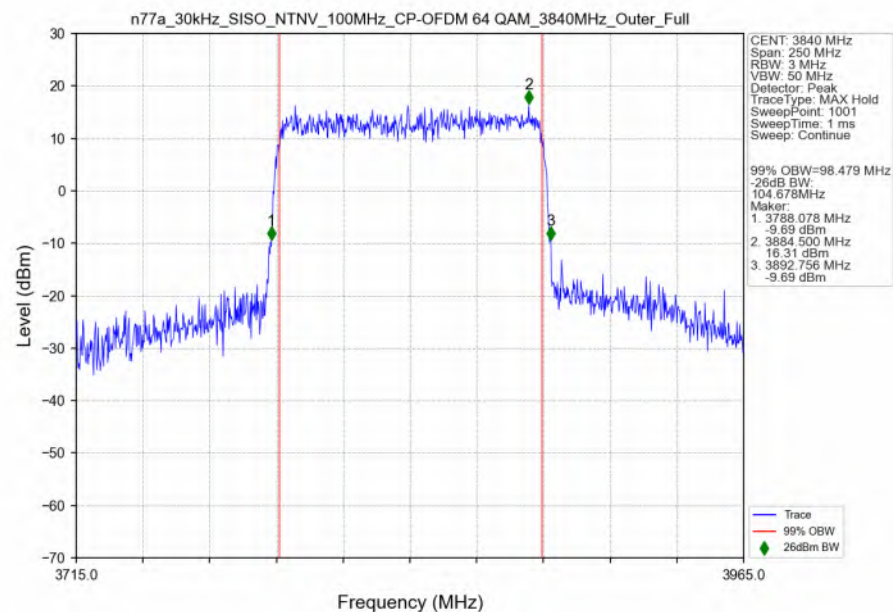
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3840MHz\_Outer\_Full\_Ant2



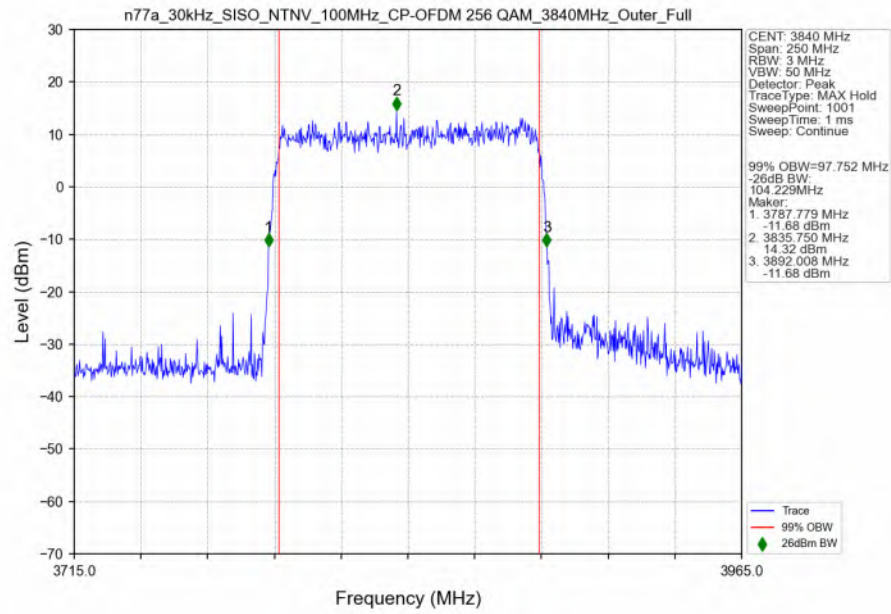
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM 16 QAM\_3840MHz\_Outer\_Full\_Ant2



n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM 64 QAM\_3840MHz\_Outer\_Full\_Ant2



n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM 256 QAM\_3840MHz\_Outer\_Full\_Ant2





## 4. Peak-Average Ratio

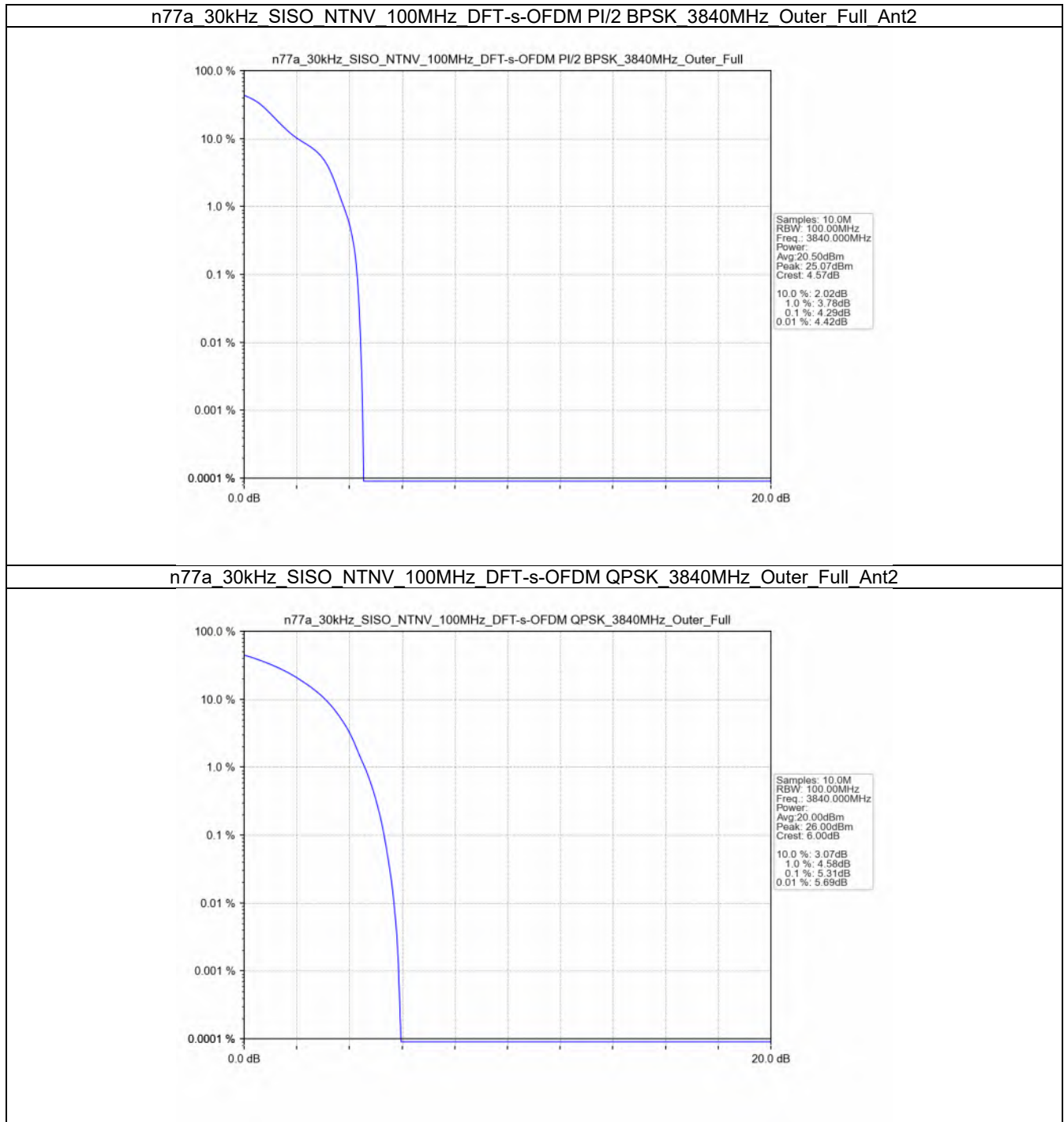
### 4.1 Test Result

#### 4.1.1 30\_S\_100M\_NTNV

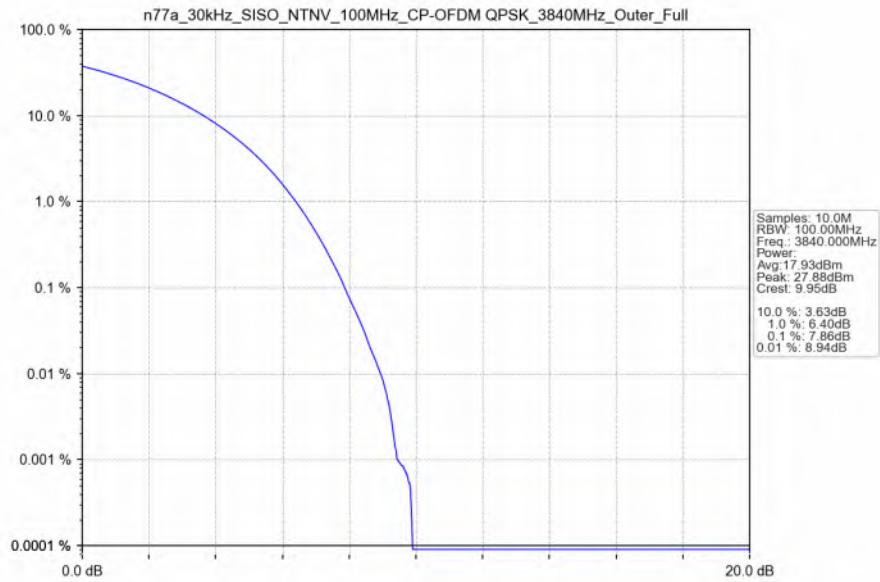
| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                    |                  |                         |       |     |       |         |
|--------------------------------------|--------------------|------------------|-------------------------|-------|-----|-------|---------|
| Modulation                           | Frequency<br>(MHz) | RB<br>Allocation | Peak-Average Ratio (dB) |       |     |       | Verdict |
|                                      |                    |                  | Ant2                    | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3840               | Outer_Full       | 4.29                    | /     | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                      | 3840               | Outer_Full       | 5.31                    | /     | /   | <=13  | Pass    |
| CP-OFDM QPSK                         | 3840               | Outer_Full       | 7.86                    | /     | /   | <=13  | Pass    |

## 4.2 Test Graph

### 4.2.1 30\_S\_100M\_NTNV



n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_3840MHz\_Outer\_Full\_Ant2



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 30\_S\_10M\_NTNV

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |                |                     |       |     |       |         |
|-------------------------------------|-----------------|----------------|---------------------|-------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation  | Spurious Emission   |       |     |       | Verdict |
|                                     |                 |                | Ant2                | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3975            | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3975            | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| CP-OFDM QPSK                        | 3705            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                     | 3975            | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |

#### 5.1.2 30\_S\_60M\_NTNV

| 5G NR n77a SCS=30kHz SISO 60MHz NTNv |                 |                |                     |       |     |       |         |
|--------------------------------------|-----------------|----------------|---------------------|-------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation  | Spurious Emission   |       |     |       | Verdict |
|                                      |                 |                | Ant2                | Ant2* | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3730.02         | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3949.98         | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| DFT-s-OFDM QPSK                      | 3730.02         | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3949.98         | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
| CP-OFDM QPSK                         | 3730.02         | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3840            | Edge_1RB_Left  | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Edge_1RB_Right | Refer To Test Graph |       |     |       | Pass    |
|                                      | 3949.98         | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |
|                                      |                 | Outer_Full     | Refer To Test Graph |       |     |       | Pass    |

#### 5.1.3 30\_S\_100M\_NTNV

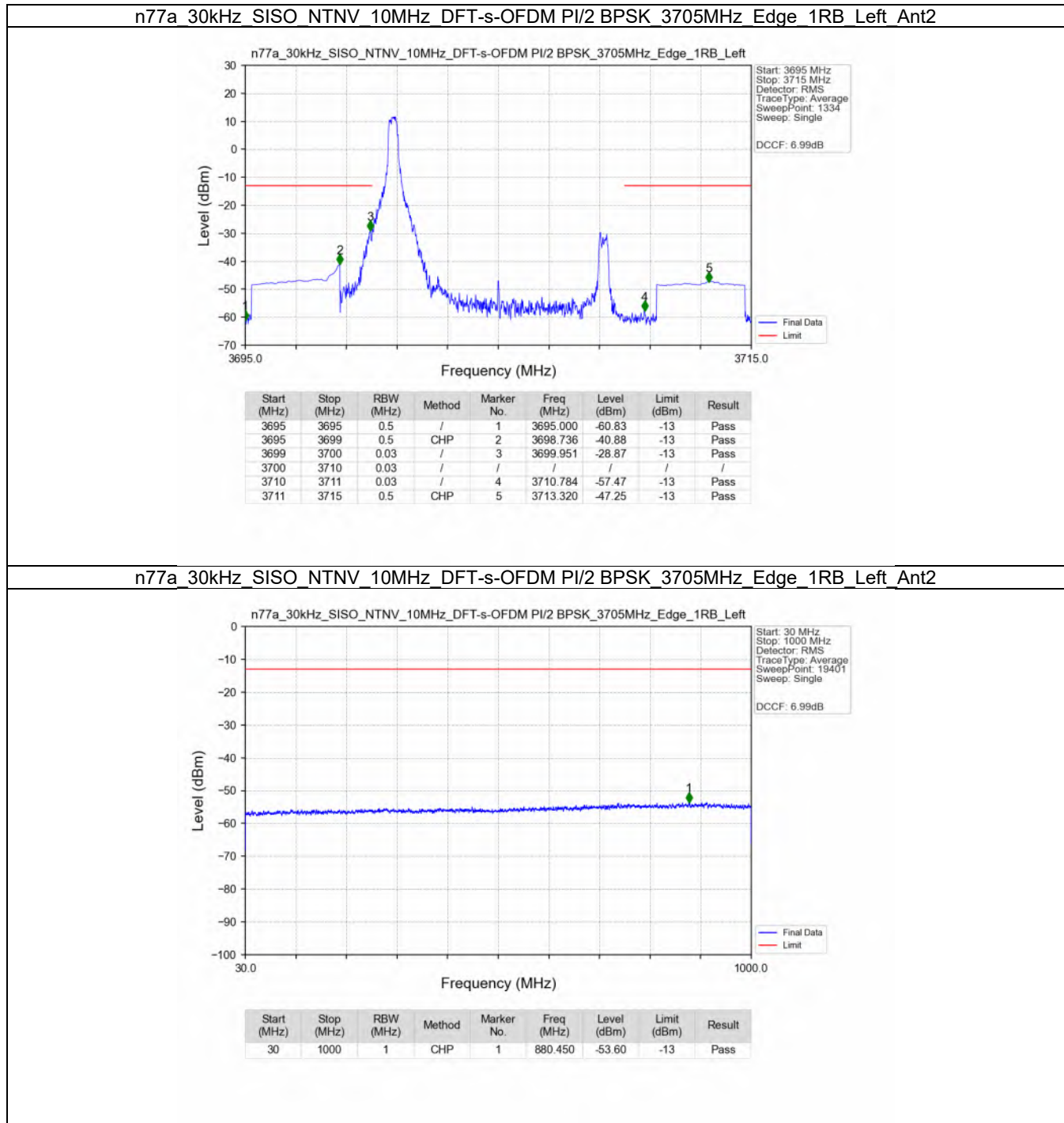
| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                 |               |                   |       |     |       |         |
|--------------------------------------|-----------------|---------------|-------------------|-------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | Spurious Emission |       |     |       | Verdict |
|                                      |                 |               | Ant2              | Ant2* | Sum | Limit |         |



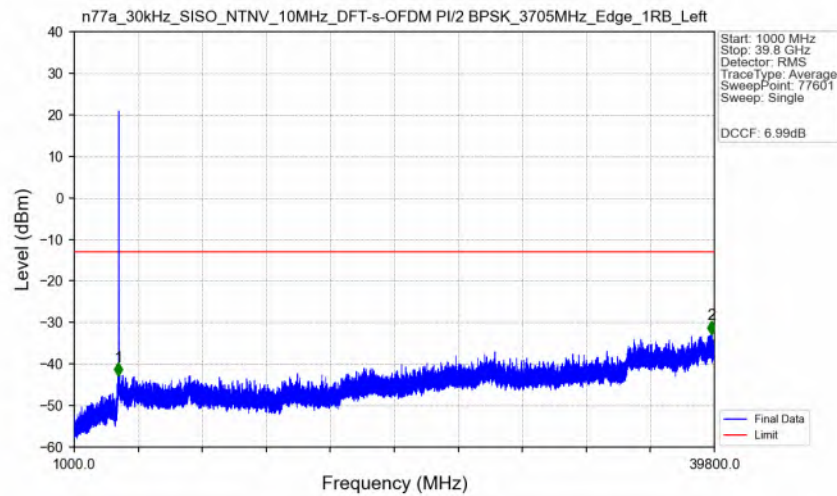
|                      |      |                |                     |      |
|----------------------|------|----------------|---------------------|------|
| DFT-s-OFDM PI/2 BPSK | 3750 | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                      |      | Outer_Full     | Refer To Test Graph | Pass |
|                      | 3840 | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                      |      | Edge_1RB_Right | Refer To Test Graph | Pass |
| DFT-s-OFDM QPSK      | 3750 | Outer_Full     | Refer To Test Graph | Pass |
|                      |      | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                      | 3840 | Outer_Full     | Refer To Test Graph | Pass |
|                      |      | Edge_1RB_Left  | Refer To Test Graph | Pass |
| CP-OFDM QPSK         | 3750 | Edge_1RB_Right | Refer To Test Graph | Pass |
|                      |      | Outer_Full     | Refer To Test Graph | Pass |
|                      | 3840 | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                      |      | Edge_1RB_Right | Refer To Test Graph | Pass |
|                      | 3930 | Outer_Full     | Refer To Test Graph | Pass |

## 5.2 Test Graph

### 5.2.1 30\_S\_10M\_NTNV

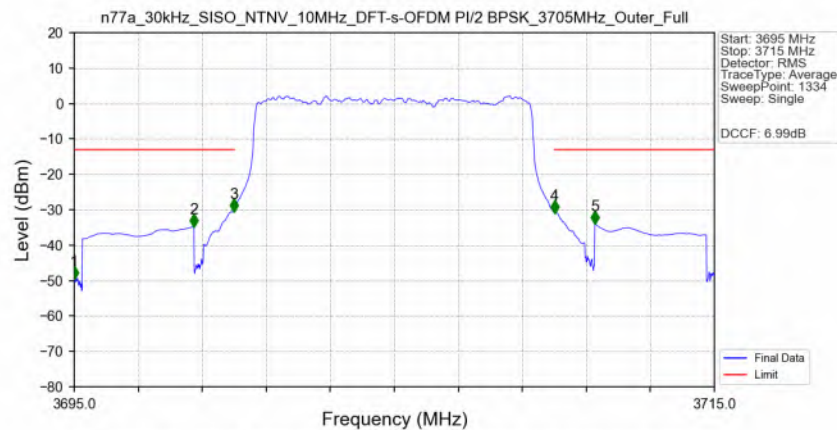


n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



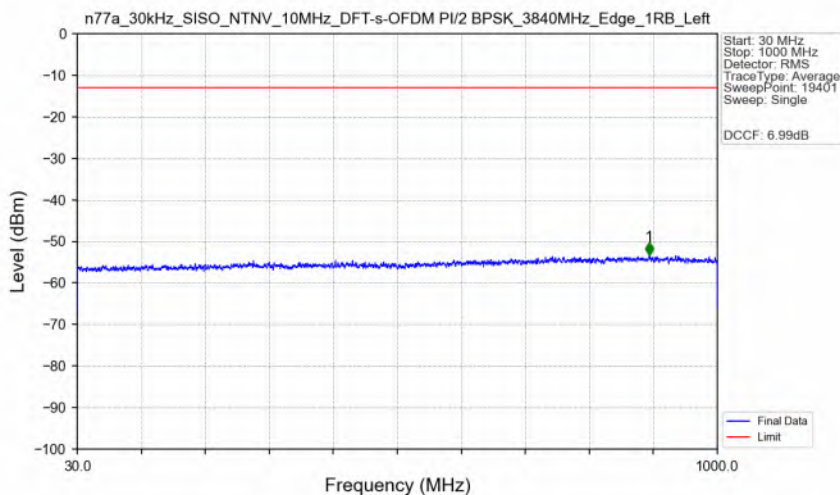
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3663.500   | -42.82      | -13         | Pass   |
| 3695        | 3715       | 1         | /      | /          | /          | /           | /           | /      |
| 3715        | 39800      | 1         | /      | 2          | 39603.000  | -32.72      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3705MHz\_Outer\_Full\_Ant2

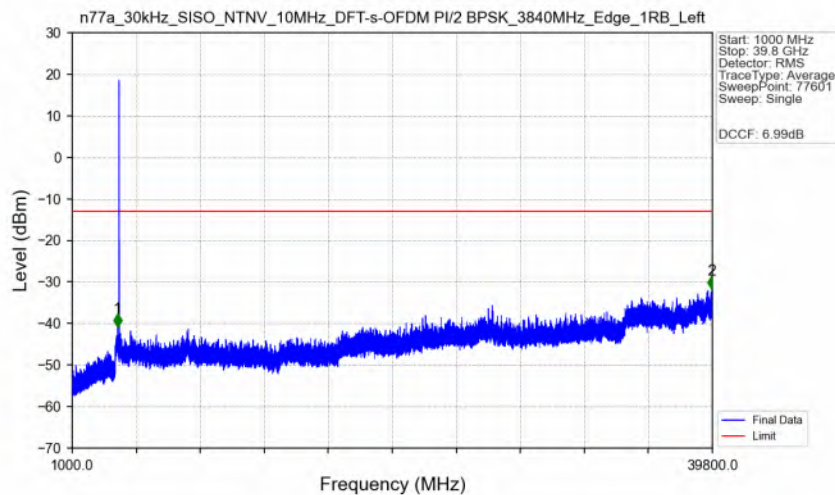


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -49.37      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.736   | -34.59      | -13         | Pass   |
| 3699        | 3700       | 0.09886   | CHP    | 3          | 3699.996   | -30.27      | -13         | Pass   |
| 3700        | 3710       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.09886   | CHP    | 4          | 3710.004   | -30.74      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3711.264   | -33.81      | -13         | Pass   |

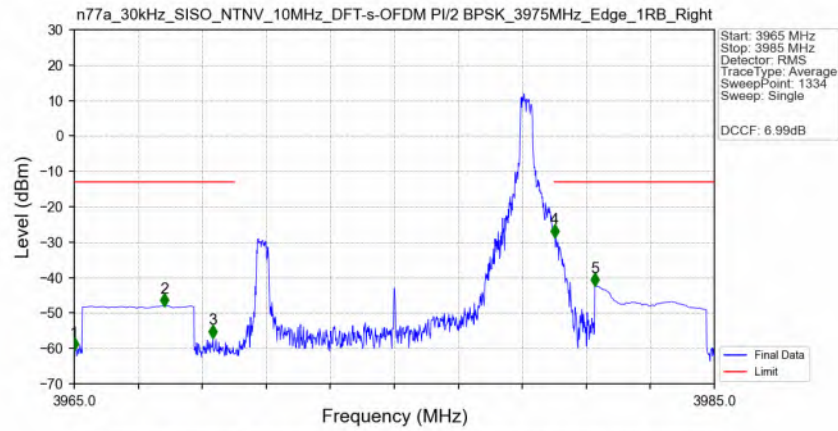
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



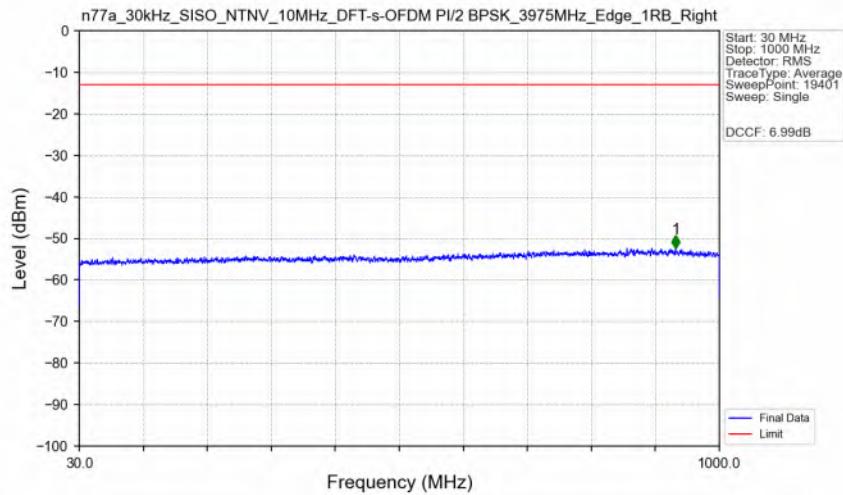
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



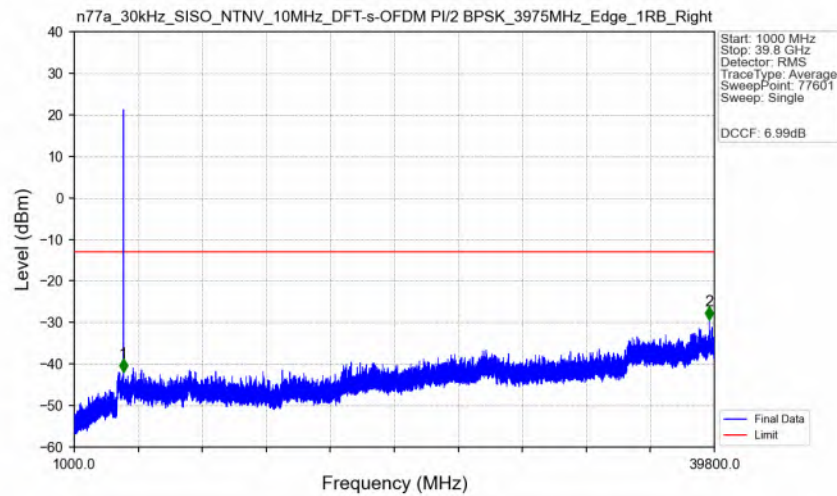
## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2



## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2

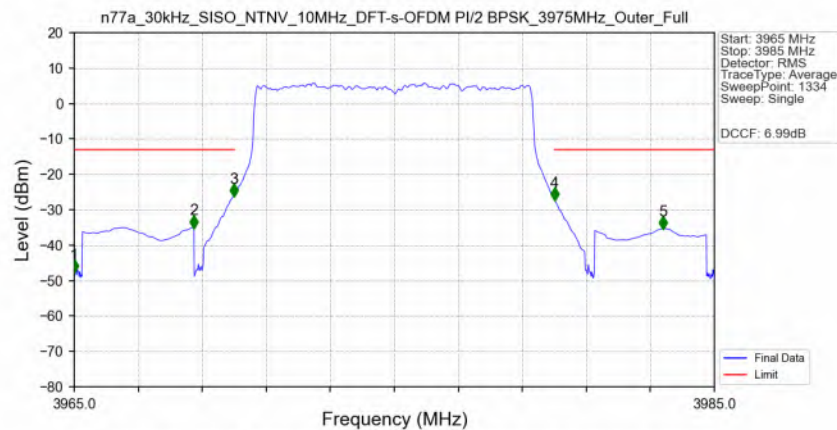


n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2



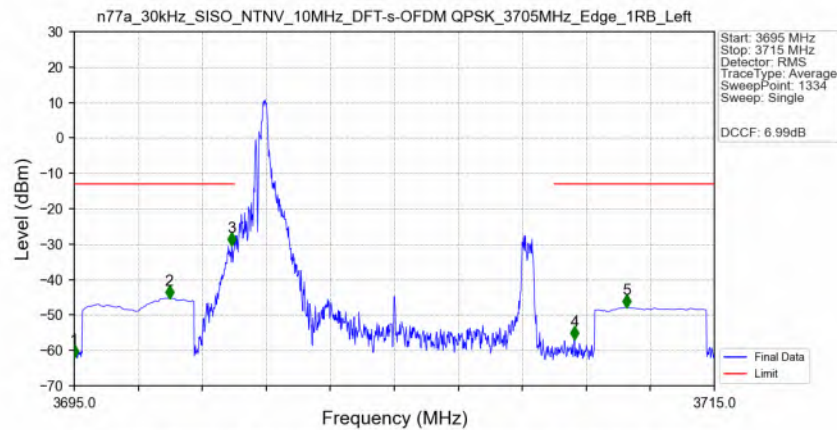
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3965       | 1         | /      | 1          | 3962.500   | -41.83      | -13         | Pass   |
| 3965        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 39497.000  | -29.35      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3975MHz\_Outer\_Full\_Ant2



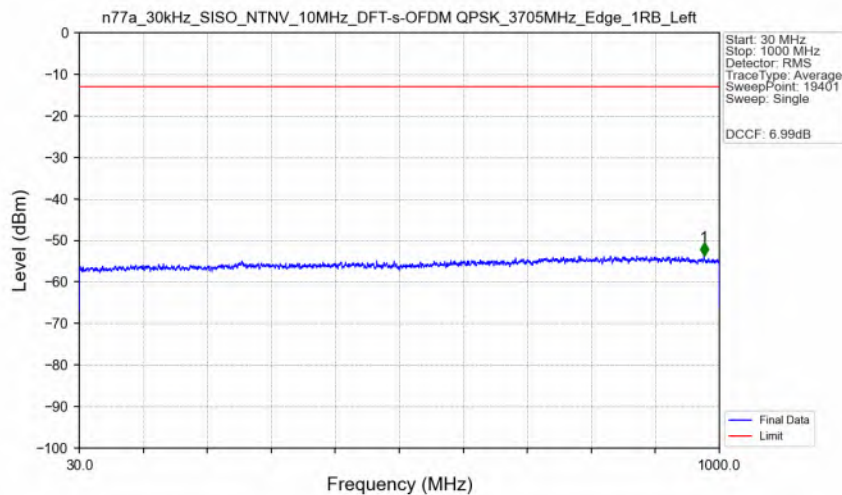
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3965        | 3965       | 0.5       | /      | 1          | 3965.000   | -47.43      | -13         | Pass   |
| 3965        | 3969       | 0.5       | CHP    | 2          | 3968.736   | -34.93      | -13         | Pass   |
| 3969        | 3970       | 0.09886   | CHP    | 3          | 3969.996   | -26.09      | -13         | Pass   |
| 3970        | 3980       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.09886   | CHP    | 4          | 3980.004   | -27.10      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3983.395   | -35.21      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



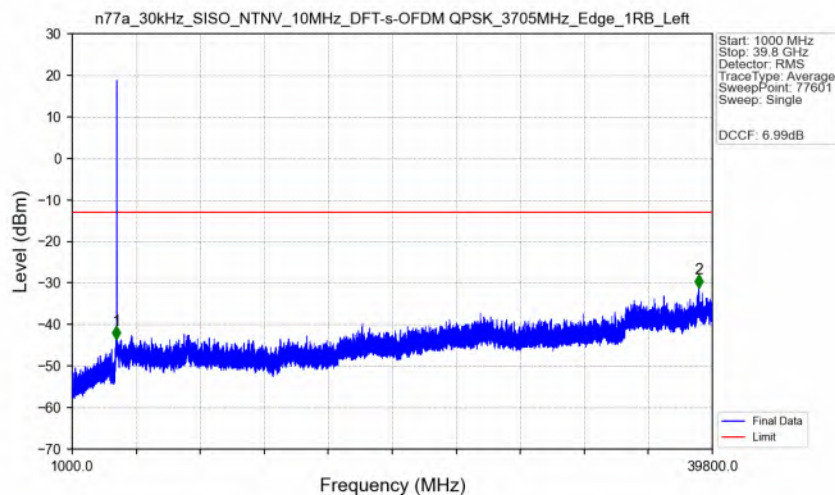
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -61.76      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3697.971   | -45.17      | -13         | Pass   |
| 3699        | 3700       | 0.03      | /      | 3          | 3699.921   | -30.22      | -13         | Pass   |
| 3700        | 3710       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.03      | /      | 4          | 3710.634   | -56.67      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3712.254   | -47.74      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



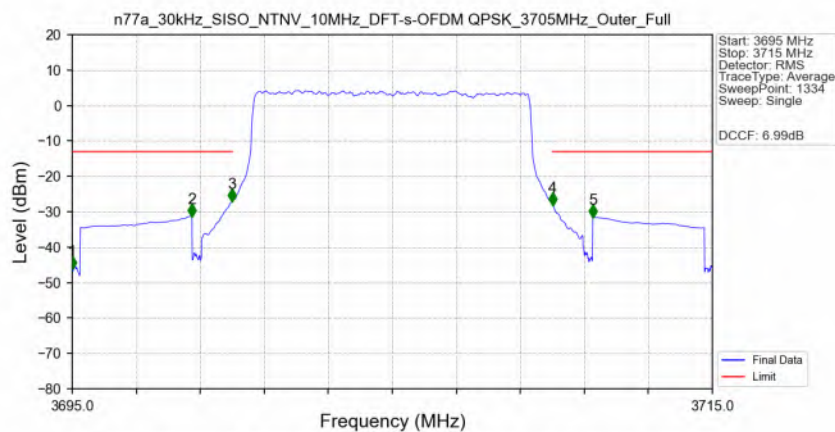
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 976.700    | -53.66      | -13         | Pass   |

## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



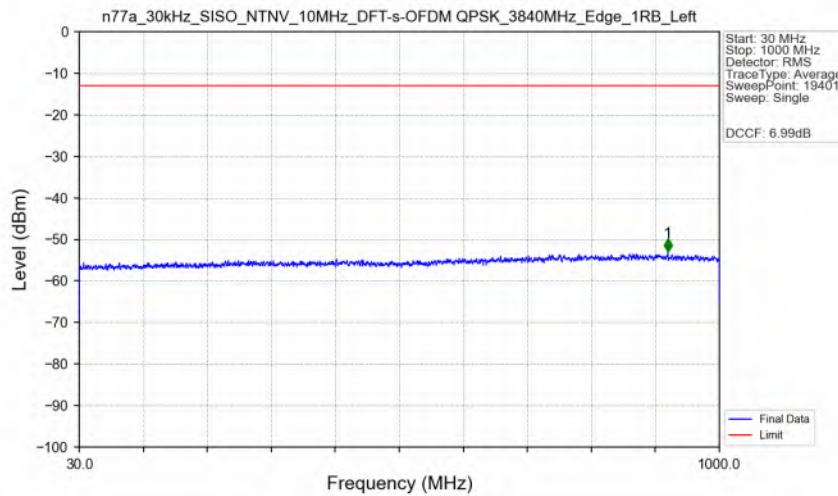
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3672.500   | -43.48      | -13         | Pass   |
| 3695        | 3715       | 1         | /      | /          | /          | /           | /           | /      |
| 3715        | 39800      | 1         | /      | 2          | 38977.500  | -31.19      | -13         | Pass   |

## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3705MHz\_Outer\_Full\_Ant2

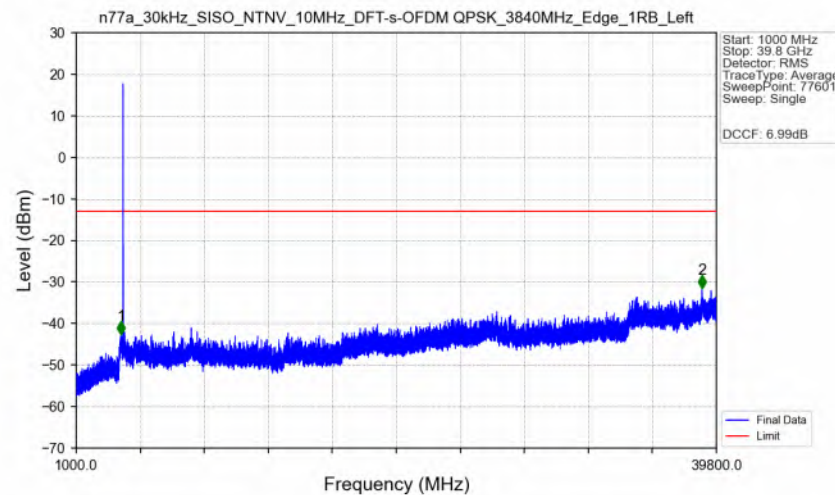


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -45.96      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.736   | -31.19      | -13         | Pass   |
| 3699        | 3700       | 0.09886   | CHP    | 3          | 3699.996   | -26.85      | -13         | Pass   |
| 3700        | 3710       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.09886   | CHP    | 4          | 3710.004   | -27.92      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3711.264   | -31.34      | -13         | Pass   |

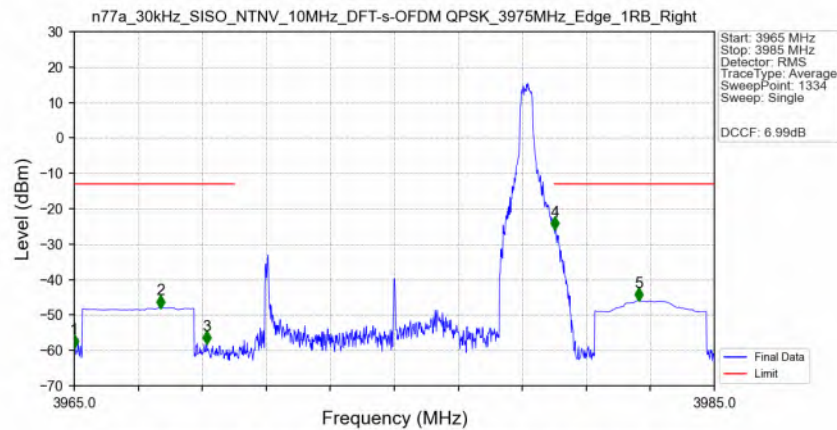
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



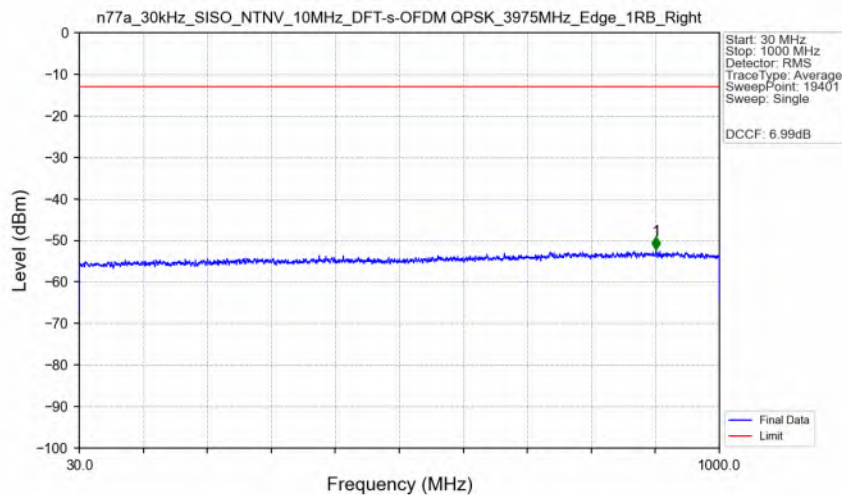
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



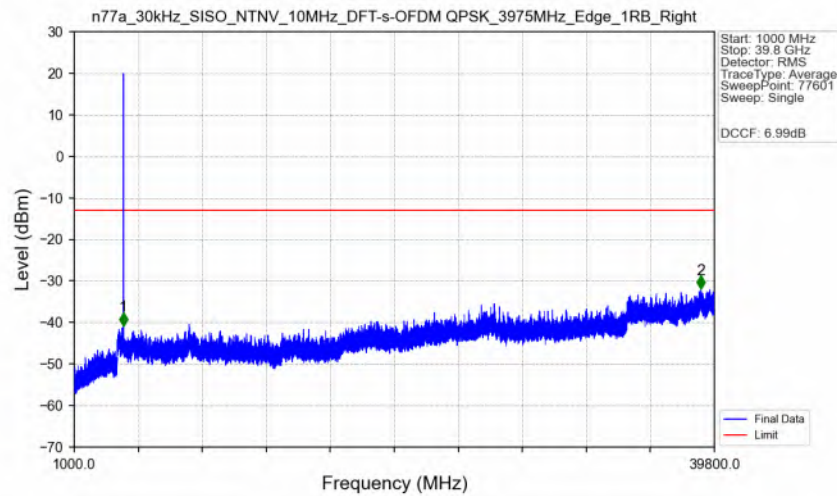
## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2



## n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2

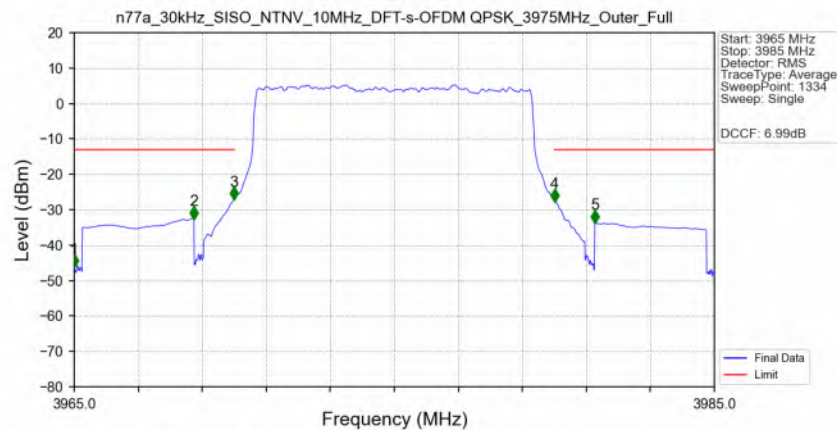


n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 3975MHz\_Edge\_1RB\_Right\_Ant2



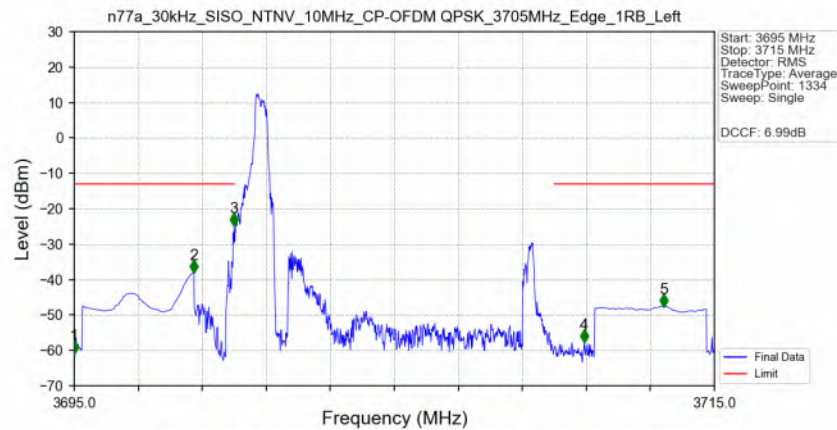
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3965       | 1         | /      | 1          | 3964.000   | -40.71      | -13         | Pass   |
| 3965        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 39888.000  | -31.94      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 3975MHz\_Outer\_Full\_Ant2



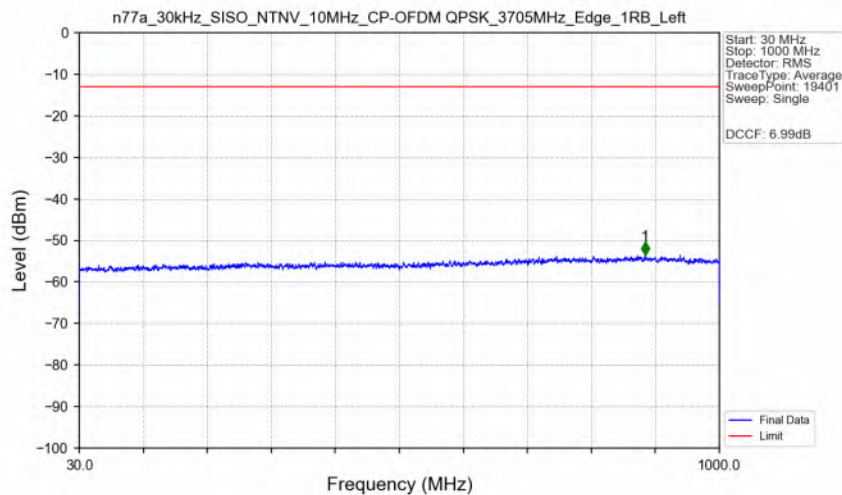
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3965        | 3965       | 0.5       | /      | 1          | 3965.000   | -45.97      | -13         | Pass   |
| 3965        | 3969       | 0.5       | CHP    | 2          | 3968.736   | -32.37      | -13         | Pass   |
| 3969        | 3970       | 0.09886   | CHP    | 3          | 3969.996   | -26.92      | -13         | Pass   |
| 3970        | 3980       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.09886   | CHP    | 4          | 3980.004   | -27.42      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.264   | -33.42      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



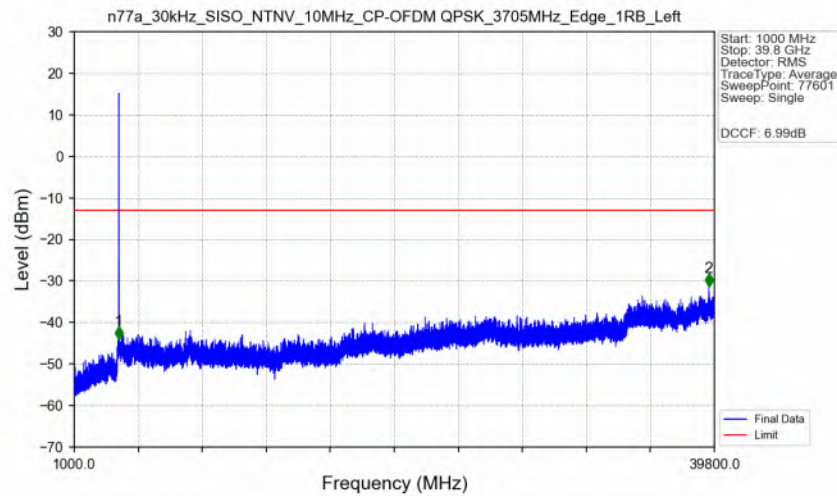
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -60.59      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.736   | -37.80      | -13         | Pass   |
| 3699        | 3700       | 0.03      | /      | 3          | 3699.996   | -24.54      | -13         | Pass   |
| 3700        | 3710       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.03      | /      | 4          | 3710.934   | -57.54      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3713.410   | -47.54      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



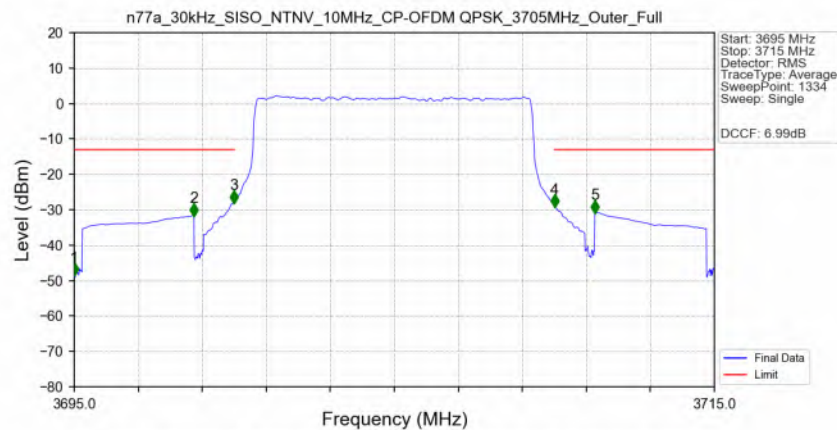
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 887.250    | -53.49      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3705MHz\_Edge\_1RB\_Left\_Ant2



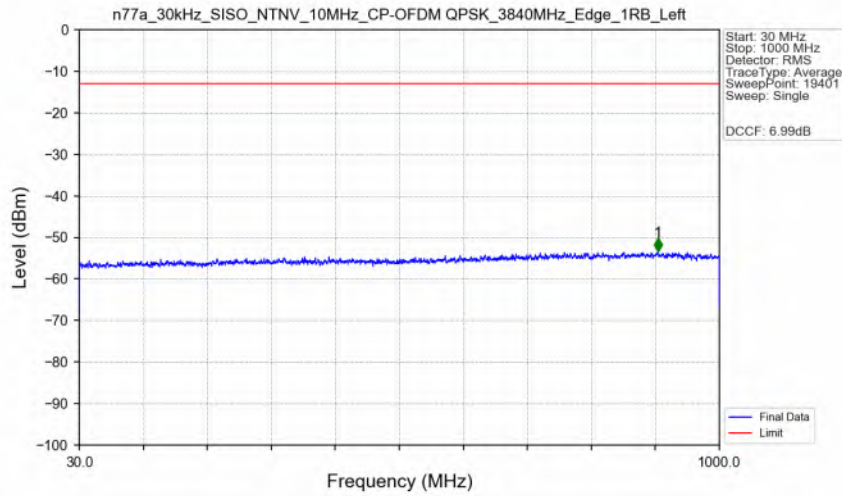
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3691.500   | -44.02      | -13         | Pass   |
| 3695        | 3715       | 1         | /      | /          | /          | /           | /           | /      |
| 3715        | 39800      | 1         | /      | 2          | 39461.500  | -31.26      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3705MHz\_Outer\_Full\_Ant2



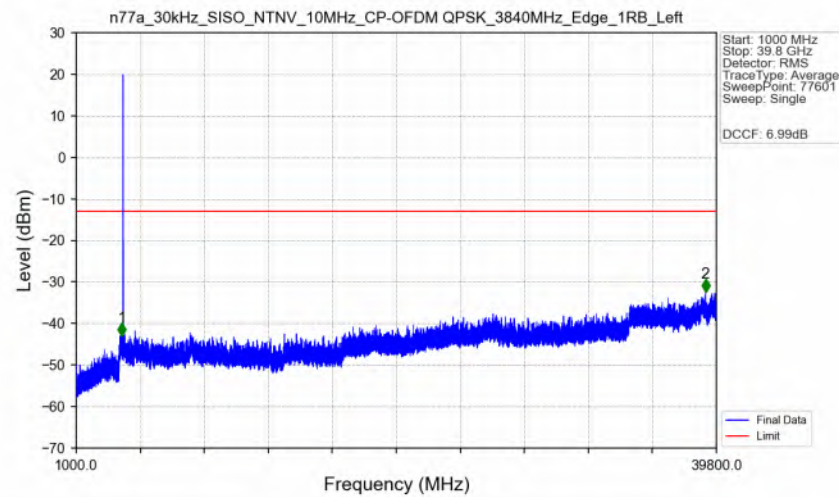
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -48.34      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.736   | -31.49      | -13         | Pass   |
| 3699        | 3700       | 0.09886   | CHP    | 3          | 3699.981   | -27.90      | -13         | Pass   |
| 3700        | 3710       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.09886   | CHP    | 4          | 3710.004   | -29.01      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3711.264   | -30.62      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



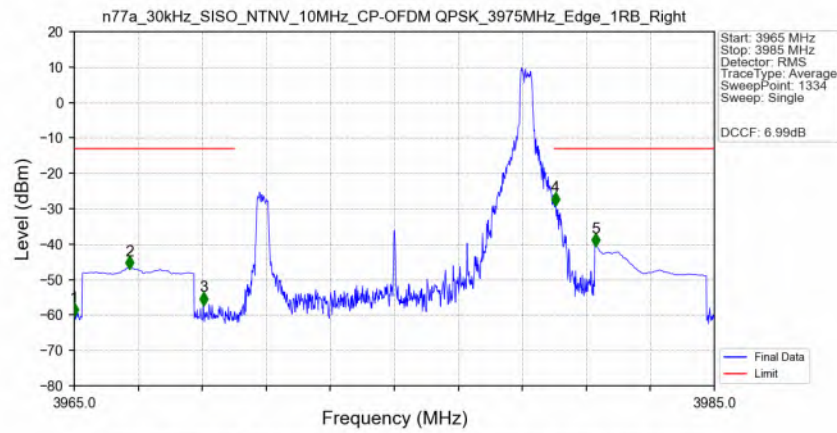
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 906.750    | -53.28      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2

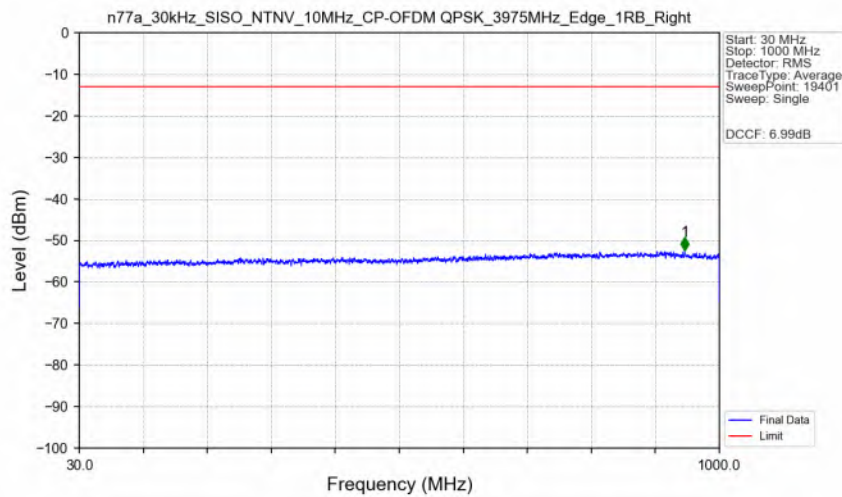


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3830       | 1         | /      | 1          | 3767.000   | -43.00      | -13         | Pass   |
| 3830        | 3850       | 1         | /      | /          | /          | /           | /           | /      |
| 3850        | 39800      | 1         | /      | 2          | 39143.500  | -32.43      | -13         | Pass   |

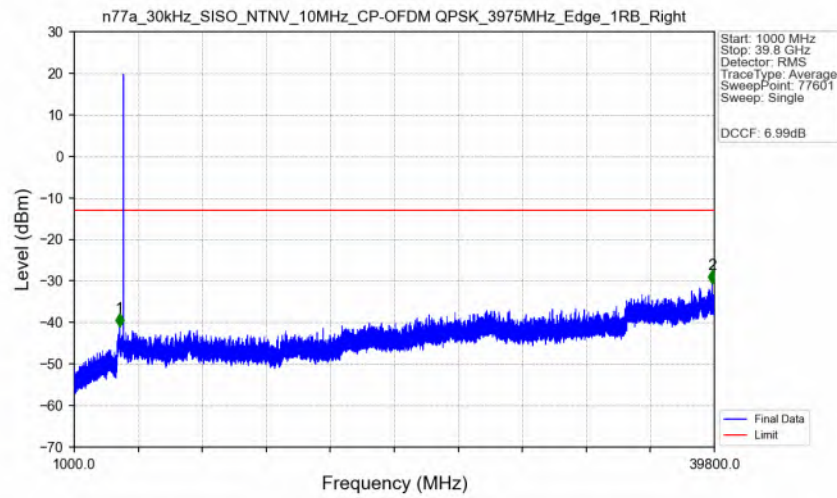
## n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 3975MHz\_Edge\_1RB\_Right\_Ant2



## n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 3975MHz\_Edge\_1RB\_Right\_Ant2

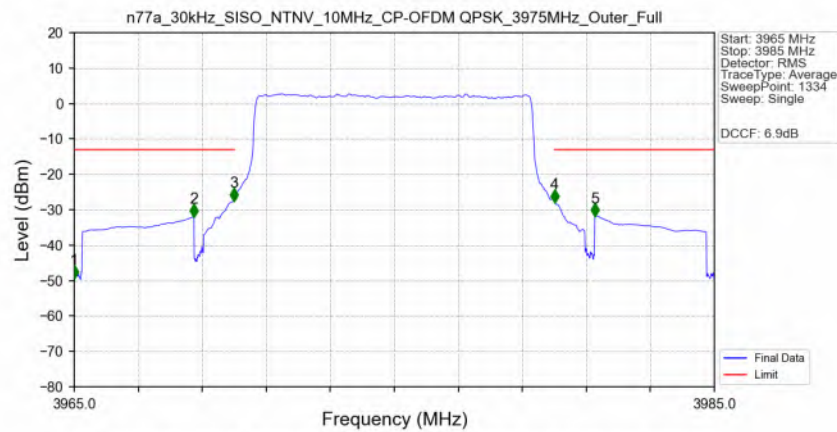


## n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3975MHz\_Edge\_1RB\_Right\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3965       | 1         | /      | 1          | 3748.500   | -41.00      | -13         | Pass   |
| 3965        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 39652.000  | -30.61      | -13         | Pass   |

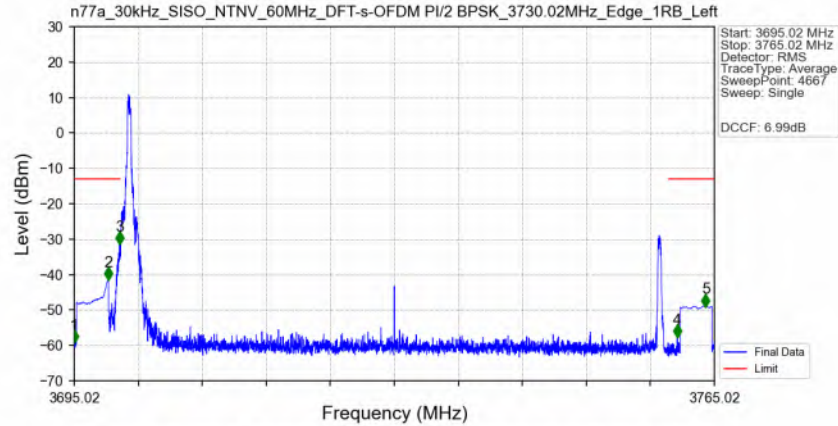
## n77a\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3975MHz\_Outer\_Full\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3965        | 3965       | 0.5       | /      | 1          | 3965.000   | -49.01      | -13         | Pass   |
| 3965        | 3969       | 0.5       | CHP    | 2          | 3968.736   | -31.74      | -13         | Pass   |
| 3969        | 3970       | 0.09886   | CHP    | 3          | 3969.996   | -27.21      | -13         | Pass   |
| 3970        | 3980       | 0.09886   | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.09886   | CHP    | 4          | 3980.004   | -27.69      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.264   | -31.55      | -13         | Pass   |

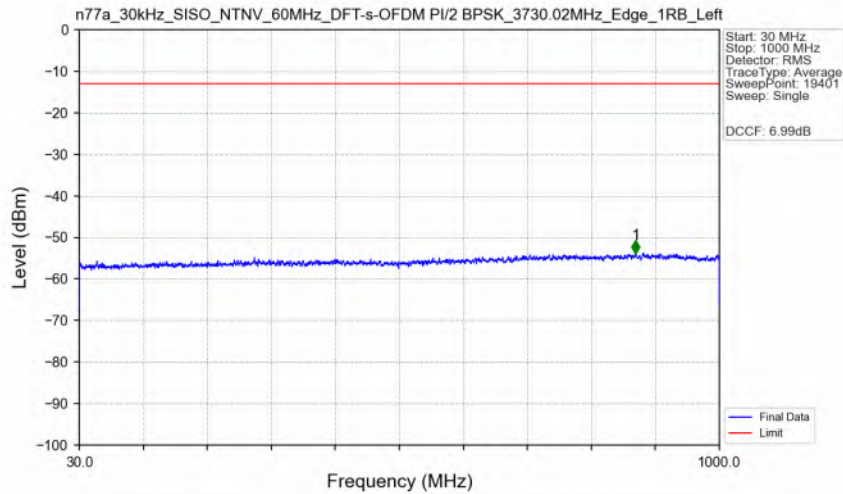
### 5.2.2 30\_S\_60M\_NTNV

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant2



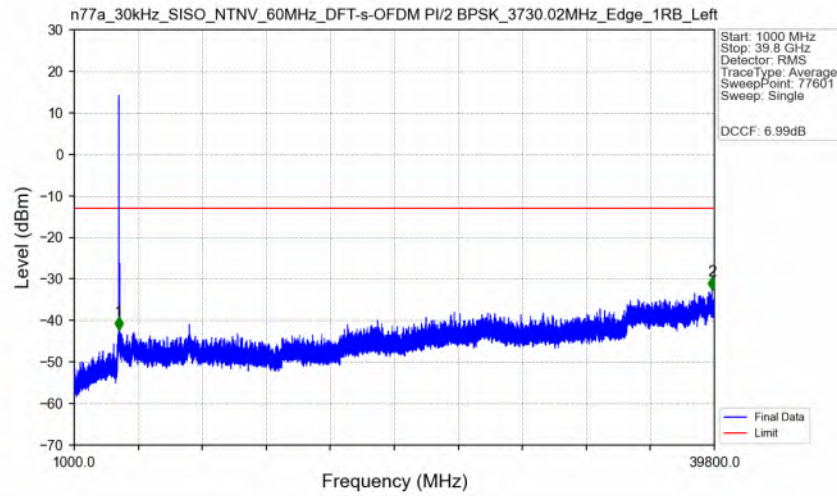
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695.02     | 3695.02    | 0.5       | /      | 1          | 3695.020   | -58.96      | -13         | Pass   |
| 3695.02     | 3699.02    | 0.5       | CHP    | 2          | 3698.756   | -41.30      | -13         | Pass   |
| 3699.02     | 3700.02    | 0.03      | /      | 3          | 3699.971   | -31.27      | -13         | Pass   |
| 3700.02     | 3760.02    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3760.02     | 3761.02    | 0.03      | /      | 4          | 3760.969   | -57.47      | -13         | Pass   |
| 3761.02     | 3765.02    | 0.5       | CHP    | 5          | 3764.060   | -48.88      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant2



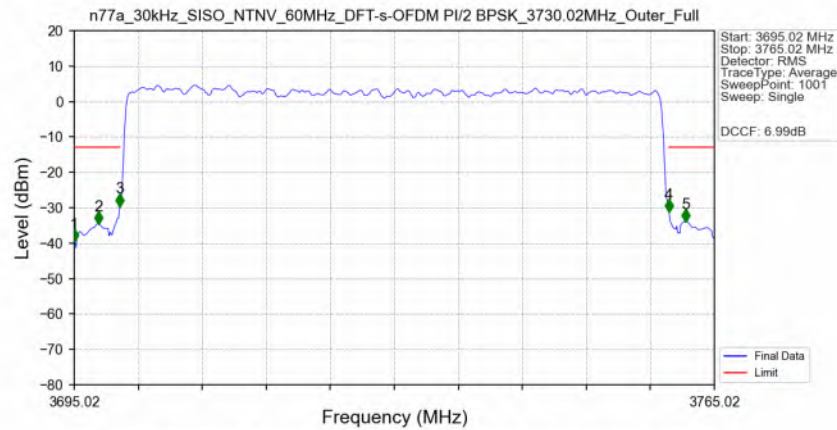
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 873.000    | -53.80      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant2



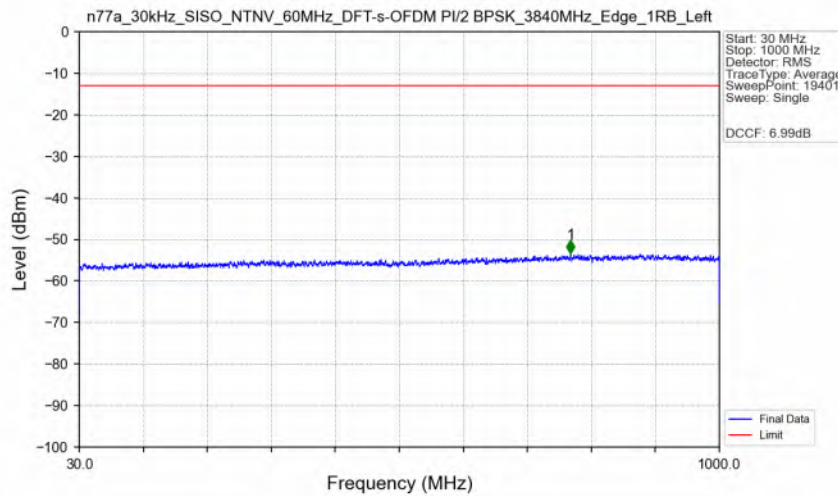
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695.02    | 1         | /      | 1          | 3683.500   | -42.34      | -13         | Pass   |
| 3695.02     | 3765.02    | 1         | /      | /          | /          | /           | /           | /      |
| 3765.02     | 39800      | 1         | /      | 2          | 39648.500  | -32.54      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3730.02MHz\_Outer\_Full\_Ant2

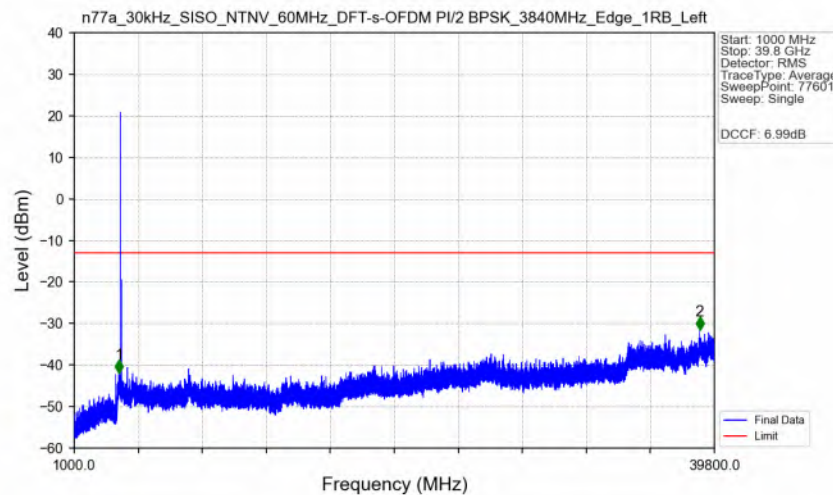


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695.02     | 3695.02    | 0.5       | /      | 1          | 3695.020   | -39.36      | -13         | Pass   |
| 3695.02     | 3699.02    | 0.5       | CHP    | 2          | 3697.680   | -34.44      | -13         | Pass   |
| 3699.02     | 3700.02    | 0.35      | CHP    | 3          | 3699.990   | -29.39      | -13         | Pass   |
| 3700.02     | 3760.02    | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3760.02     | 3761.02    | 0.35      | CHP    | 4          | 3760.050   | -31.04      | -13         | Pass   |
| 3761.02     | 3765.02    | 0.5       | CHP    | 5          | 3761.870   | -33.82      | -13         | Pass   |

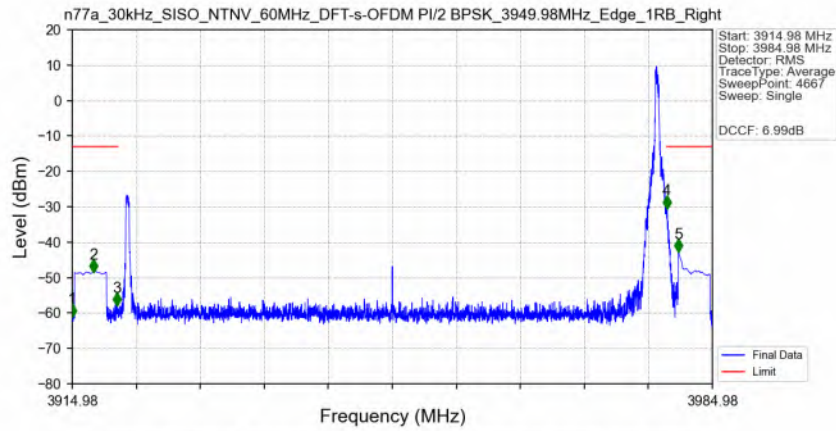
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2



n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant2

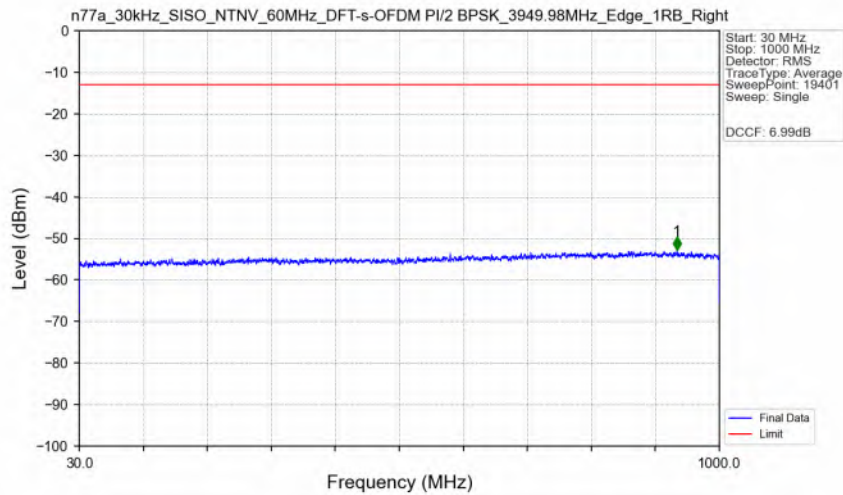


n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3949.98MHz\_Edge\_1RB\_Right\_Ant2



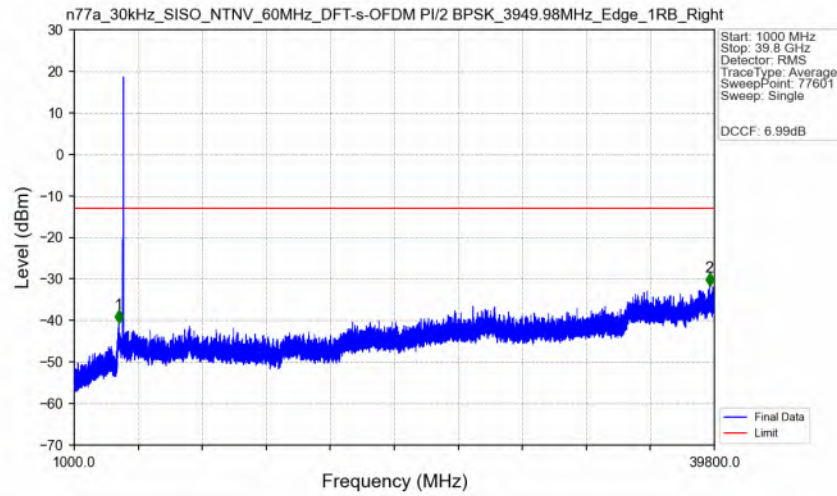
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3914.98     | 3914.98    | 0.5       | /      | 1          | 3914.980   | -60.76      | -13         | Pass   |
| 3914.98     | 3918.98    | 0.5       | CHP    | 2          | 3917.275   | -48.23      | -13         | Pass   |
| 3918.98     | 3919.98    | 0.03      | /      | 3          | 3919.886   | -57.65      | -13         | Pass   |
| 3919.98     | 3979.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3979.98     | 3980.98    | 0.03      | /      | 4          | 3979.999   | -30.22      | -13         | Pass   |
| 3980.98     | 3984.98    | 0.5       | CHP    | 5          | 3981.244   | -42.54      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3949.98MHz\_Edge\_1RB\_Right\_Ant2



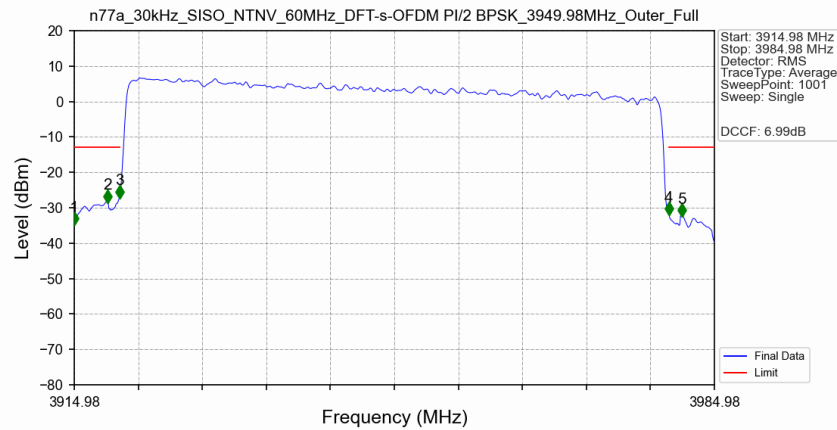
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 935.750    | -52.84      | -13         | Pass   |

## n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3949.98MHz\_Edge\_1RB\_Right\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3914.98    | 1         | /      | 1          | 3700.500   | -40.67      | -13         | Pass   |
| 3914.98     | 3984.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3984.98     | 39800      | 1         | /      | 2          | 39508.500  | -31.69      | -13         | Pass   |

## n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM PI/2 BPSK\_3949.98MHz\_Outer\_Full\_Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3914.98     | 3914.98    | 0.5       | /      | 1          | 3914.980   | -34.55      | -13         | Pass   |
| 3914.98     | 3918.98    | 0.5       | CHP    | 2          | 3918.620   | -28.31      | -13         | Pass   |
| 3918.98     | 3919.98    | 0.35      | CHP    | 3          | 3919.950   | -27.00      | -13         | Pass   |
| 3919.98     | 3979.98    | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3979.98     | 3980.98    | 0.35      | CHP    | 4          | 3980.010   | -31.90      | -13         | Pass   |
| 3980.98     | 3984.98    | 0.5       | CHP    | 5          | 3981.410   | -32.22      | -13         | Pass   |