

# 1. Transmitter Conducted Power Output

## 1.1 Test Result

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

| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |                 |                      |      |     |                      |      |     |         |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|----------------------|------|-----|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | Conducted Power(dBm) |      |     |         | Verdict |
|                                    |                 |                 | Ant13                | Ant2 | Sum | Ant13                | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK               | 819             | Edge_1RB_Left   | 23.47                | /    | /   | 23.47                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 23.51                | /    | /   | 23.51                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.61                | /    | /   | 23.61                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 23.95                | /    | /   | 23.95                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.85                | /    | /   | 23.85                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.93                | /    | /   | 23.93                | /    | /   | <=38.45 | Pass    |
|                                    | 816.5           | Edge_1RB_Left   | 23.38                | /    | /   | 23.38                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 23.48                | /    | /   | 23.48                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.60                | /    | /   | 23.60                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.00                | /    | /   | 24.00                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.80                | /    | /   | 23.80                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.91                | /    | /   | 23.91                | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 23.45                | /    | /   | 23.45                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 23.55                | /    | /   | 23.55                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.59                | /    | /   | 23.59                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 23.95                | /    | /   | 23.95                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.87                | /    | /   | 23.87                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.98                | /    | /   | 23.98                | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                    | 819             | Edge_1RB_Left   | 22.90                | /    | /   | 22.90                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.98                | /    | /   | 22.98                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.15                | /    | /   | 23.15                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.02                | /    | /   | 24.02                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.78                | /    | /   | 23.78                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.81                | /    | /   | 23.81                | /    | /   | <=38.45 | Pass    |
|                                    | 816.5           | Edge_1RB_Left   | 22.81                | /    | /   | 22.81                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.97                | /    | /   | 22.97                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.13                | /    | /   | 23.13                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.04                | /    | /   | 24.04                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.67                | /    | /   | 23.67                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.82                | /    | /   | 23.82                | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 22.90                | /    | /   | 22.90                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.96                | /    | /   | 22.96                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 23.10                | /    | /   | 23.10                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 24.02                | /    | /   | 24.02                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.82                | /    | /   | 23.82                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.90                | /    | /   | 23.90                | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM 16 QAM                  | 819             | Edge_1RB_Left   | 22.17                | /    | /   | 22.17                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.14                | /    | /   | 22.14                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 22.07                | /    | /   | 22.07                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 23.10                | /    | /   | 23.10                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.26                | /    | /   | 23.26                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.17                | /    | /   | 23.17                | /    | /   | <=38.45 | Pass    |
|                                    | 816.5           | Edge_1RB_Left   | 22.14                | /    | /   | 22.14                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.17                | /    | /   | 22.17                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Outer_Full      | 22.11                | /    | /   | 22.11                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_Full      | 23.11                | /    | /   | 23.11                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.26                | /    | /   | 23.26                | /    | /   | <=38.45 | Pass    |
|                                    |                 | Inner_1RB_Right | 23.26                | /    | /   | 23.26                | /    | /   | <=38.45 | Pass    |
|                                    | 821.5           | Edge_1RB_Left   | 22.13                | /    | /   | 22.13                | /    | /   | <=38.45 | Pass    |

|                    |       |                 |       |   |   |       |   |   |         |      |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |       | Edge_1RB_Right  | 22.08 | / | / | 22.08 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.09 | / | / | 22.09 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.06 | / | / | 23.06 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.19 | / | / | 23.19 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.15 | / | / | 23.15 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 64 QAM  | 819   | Edge_1RB_Left   | 21.80 | / | / | 21.80 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.70 | / | / | 21.70 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.63 | / | / | 21.63 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 21.64 | / | / | 21.64 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 21.79 | / | / | 21.79 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 21.73 | / | / | 21.73 | / | / | <=38.45 | Pass |
|                    | 816.5 | Edge_1RB_Left   | 21.60 | / | / | 21.60 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.76 | / | / | 21.76 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.68 | / | / | 21.68 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 21.68 | / | / | 21.68 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 21.73 | / | / | 21.73 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 21.77 | / | / | 21.77 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 21.72 | / | / | 21.72 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.56 | / | / | 21.56 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.61 | / | / | 21.61 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 21.60 | / | / | 21.60 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 21.62 | / | / | 21.62 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 21.72 | / | / | 21.72 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 819   | Edge_1RB_Left   | 19.54 | / | / | 19.54 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 19.51 | / | / | 19.51 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 19.57 | / | / | 19.57 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 19.63 | / | / | 19.63 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 19.54 | / | / | 19.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 19.52 | / | / | 19.52 | / | / | <=38.45 | Pass |
|                    | 816.5 | Edge_1RB_Left   | 19.52 | / | / | 19.52 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 19.55 | / | / | 19.55 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 19.59 | / | / | 19.59 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 19.65 | / | / | 19.65 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 19.53 | / | / | 19.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 19.55 | / | / | 19.55 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 19.53 | / | / | 19.53 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 19.49 | / | / | 19.49 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 19.56 | / | / | 19.56 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 19.60 | / | / | 19.60 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 19.49 | / | / | 19.49 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 19.49 | / | / | 19.49 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 819   | Edge_1RB_Left   | 20.91 | / | / | 20.91 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.90 | / | / | 20.90 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.11 | / | / | 21.11 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.57 | / | / | 22.57 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.43 | / | / | 22.43 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.40 | / | / | 22.40 | / | / | <=38.45 | Pass |
|                    | 816.5 | Edge_1RB_Left   | 20.86 | / | / | 20.86 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.94 | / | / | 20.94 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.09 | / | / | 21.09 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.56 | / | / | 22.56 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.34 | / | / | 22.34 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.42 | / | / | 22.42 | / | / | <=38.45 | Pass |
|                    | 821.5 | Edge_1RB_Left   | 20.88 | / | / | 20.88 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.87 | / | / | 20.87 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.08 | / | / | 21.08 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.53 | / | / | 22.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.35 | / | / | 22.35 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.37 | / | / | 22.37 | / | / | <=38.45 | Pass |

|                 |       |                 |       |   |   |       |   |   |         |      |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM 16 QAM  | 819   | Edge_1RB_Left   | 21.06 | / | / | 21.06 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.19 | / | / | 21.19 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.09 | / | / | 21.09 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.09 | / | / | 22.09 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.05 | / | / | 22.05 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.09 | / | / | 22.09 | / | / | <=38.45 | Pass |
|                 | 816.5 | Edge_1RB_Left   | 21.03 | / | / | 21.03 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.10 | / | / | 21.10 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.10 | / | / | 21.10 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.15 | / | / | 22.15 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.00 | / | / | 22.00 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.08 | / | / | 22.08 | / | / | <=38.45 | Pass |
|                 | 821.5 | Edge_1RB_Left   | 21.09 | / | / | 21.09 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.10 | / | / | 21.10 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.06 | / | / | 21.06 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.04 | / | / | 22.04 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.04 | / | / | 22.04 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.08 | / | / | 22.08 | / | / | <=38.45 | Pass |
| CP-OFDM 64 QAM  | 819   | Edge_1RB_Left   | 20.56 | / | / | 20.56 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 20.62 | / | / | 20.62 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 20.60 | / | / | 20.60 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 20.54 | / | / | 20.54 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 | 816.5 | Edge_1RB_Left   | 20.44 | / | / | 20.44 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 20.59 | / | / | 20.59 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 20.59 | / | / | 20.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 20.58 | / | / | 20.58 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 20.47 | / | / | 20.47 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 20.60 | / | / | 20.60 | / | / | <=38.45 | Pass |
|                 | 821.5 | Edge_1RB_Left   | 20.55 | / | / | 20.55 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 20.59 | / | / | 20.59 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 20.62 | / | / | 20.62 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 20.59 | / | / | 20.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 20.50 | / | / | 20.50 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 20.55 | / | / | 20.55 | / | / | <=38.45 | Pass |
| CP-OFDM 256 QAM | 819   | Edge_1RB_Left   | 17.59 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 17.64 | / | / | 17.64 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 17.58 | / | / | 17.58 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 17.58 | / | / | 17.58 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 17.61 | / | / | 17.61 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 17.57 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                 | 816.5 | Edge_1RB_Left   | 17.56 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 17.63 | / | / | 17.63 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 17.57 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 17.59 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 17.46 | / | / | 17.46 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 17.65 | / | / | 17.65 | / | / | <=38.45 | Pass |
|                 | 821.5 | Edge_1RB_Left   | 17.60 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 17.59 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 17.57 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 17.56 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 17.61 | / | / | 17.61 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 17.56 | / | / | 17.56 | / | / | <=38.45 | Pass |

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

| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                     |                 |                 | Ant13                | Ant2 | Sum | Ant13    | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Edge_1RB_Left   | 23.38                | /    | /   | 23.38    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.48                | /    | /   | 23.48    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.54                | /    | /   | 23.54    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.95                | /    | /   | 23.95    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.83                | /    | /   | 23.83    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.98                | /    | /   | 23.98    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 23.39                | /    | /   | 23.39    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.49                | /    | /   | 23.49    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.56                | /    | /   | 23.56    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.97                | /    | /   | 23.97    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.82                | /    | /   | 23.82    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.96                | /    | /   | 23.96    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 23.38                | /    | /   | 23.38    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.52                | /    | /   | 23.52    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.53                | /    | /   | 23.53    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.95                | /    | /   | 23.95    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.80                | /    | /   | 23.80    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.94                | /    | /   | 23.94    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Edge_1RB_Left   | 22.85                | /    | /   | 22.85    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.95                | /    | /   | 22.95    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.07                | /    | /   | 23.07    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.99                | /    | /   | 23.99    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.71                | /    | /   | 23.71    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.95                | /    | /   | 23.95    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 22.80                | /    | /   | 22.80    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.02                | /    | /   | 23.02    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.05                | /    | /   | 23.05    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.95                | /    | /   | 23.95    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.70                | /    | /   | 23.70    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 24.07                | /    | /   | 24.07    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 22.82                | /    | /   | 22.82    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.99                | /    | /   | 22.99    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 23.06                | /    | /   | 23.06    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.95                | /    | /   | 23.95    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.70                | /    | /   | 23.70    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.93                | /    | /   | 23.93    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM 16 QAM                   | 819             | Edge_1RB_Left   | 22.15                | /    | /   | 22.15    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.16                | /    | /   | 22.16    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 22.10                | /    | /   | 22.10    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.15                | /    | /   | 23.15    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.21                | /    | /   | 23.21    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.26                | /    | /   | 23.26    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 22.08                | /    | /   | 22.08    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.18                | /    | /   | 22.18    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 22.06                | /    | /   | 22.06    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.11                | /    | /   | 23.11    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.34                | /    | /   | 23.34    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.22                | /    | /   | 23.22    | /    | /   | <=38.45 | Pass    |
|                                     | 819             | Edge_1RB_Left   | 22.14                | /    | /   | 22.14    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.10                | /    | /   | 22.10    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Outer_Full      | 22.05                | /    | /   | 22.05    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_Full      | 23.11                | /    | /   | 23.11    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.21                | /    | /   | 23.21    | /    | /   | <=38.45 | Pass    |
|                                     |                 | Inner_1RB_Right | 23.16                | /    | /   | 23.16    | /    | /   | <=38.45 | Pass    |

|                    |     |                 |       |   |   |       |   |   |         |      |
|--------------------|-----|-----------------|-------|---|---|-------|---|---|---------|------|
| DFT-s-OFDM 64 QAM  | 819 | Edge_1RB_Left   | 21.70 | / | / | 21.70 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 21.71 | / | / | 21.71 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.58 | / | / | 21.58 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 21.67 | / | / | 21.67 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 21.72 | / | / | 21.72 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 21.79 | / | / | 21.79 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 21.69 | / | / | 21.69 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 21.74 | / | / | 21.74 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.55 | / | / | 21.55 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 21.66 | / | / | 21.66 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 21.71 | / | / | 21.71 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 21.71 | / | / | 21.71 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 21.73 | / | / | 21.73 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 21.71 | / | / | 21.71 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.54 | / | / | 21.54 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 21.65 | / | / | 21.65 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 21.68 | / | / | 21.68 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 21.69 | / | / | 21.69 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 819 | Edge_1RB_Left   | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 19.53 | / | / | 19.53 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 19.55 | / | / | 19.55 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 19.59 | / | / | 19.59 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 19.49 | / | / | 19.49 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 19.52 | / | / | 19.52 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 19.48 | / | / | 19.48 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 19.57 | / | / | 19.57 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 19.48 | / | / | 19.48 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 19.48 | / | / | 19.48 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 19.55 | / | / | 19.55 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 19.58 | / | / | 19.58 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 19.50 | / | / | 19.50 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 819 | Edge_1RB_Left   | 20.86 | / | / | 20.86 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 20.92 | / | / | 20.92 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.06 | / | / | 21.06 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.53 | / | / | 22.53 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 22.35 | / | / | 22.35 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 22.37 | / | / | 22.37 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 20.85 | / | / | 20.85 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 20.91 | / | / | 20.91 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.03 | / | / | 21.03 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.53 | / | / | 22.53 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 22.29 | / | / | 22.29 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 22.38 | / | / | 22.38 | / | / | <=38.45 | Pass |
|                    | 819 | Edge_1RB_Left   | 20.82 | / | / | 20.82 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 20.98 | / | / | 20.98 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.05 | / | / | 21.05 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.55 | / | / | 22.55 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 22.36 | / | / | 22.36 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Right | 22.45 | / | / | 22.45 | / | / | <=38.45 | Pass |
| CP-OFDM 16 QAM     | 819 | Edge_1RB_Left   | 21.07 | / | / | 21.07 | / | / | <=38.45 | Pass |
|                    |     | Edge_1RB_Right  | 21.19 | / | / | 21.19 | / | / | <=38.45 | Pass |
|                    |     | Outer_Full      | 21.12 | / | / | 21.12 | / | / | <=38.45 | Pass |
|                    |     | Inner_Full      | 22.05 | / | / | 22.05 | / | / | <=38.45 | Pass |
|                    |     | Inner_1RB_Left  | 21.98 | / | / | 21.98 | / | / | <=38.45 | Pass |

|                 |     |                 |       |   |   |       |   |   |         |      |
|-----------------|-----|-----------------|-------|---|---|-------|---|---|---------|------|
|                 |     | Inner_1RB_Right | 22.10 | / | / | 22.10 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 21.04 | / | / | 21.04 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Right  | 21.15 | / | / | 21.15 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 21.08 | / | / | 21.08 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 22.04 | / | / | 22.04 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 21.97 | / | / | 21.97 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 22.07 | / | / | 22.07 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 21.07 | / | / | 21.07 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Right  | 21.15 | / | / | 21.15 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 21.11 | / | / | 21.11 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 22.06 | / | / | 22.06 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 22.20 | / | / | 22.20 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 22.10 | / | / | 22.10 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 20.54 | / | / | 20.54 | / | / | <=38.45 | Pass |
| CP-OFDM 64 QAM  | 819 | Edge_1RB_Right  | 20.62 | / | / | 20.62 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 20.63 | / | / | 20.63 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 20.45 | / | / | 20.45 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 20.47 | / | / | 20.47 | / | / | <=38.45 | Pass |
|                 | 819 | Edge_1RB_Right  | 20.60 | / | / | 20.60 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 20.58 | / | / | 20.58 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 20.44 | / | / | 20.44 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 20.57 | / | / | 20.57 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 20.49 | / | / | 20.49 | / | / | <=38.45 | Pass |
|                 | 819 | Edge_1RB_Right  | 20.61 | / | / | 20.61 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 20.59 | / | / | 20.59 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 20.62 | / | / | 20.62 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 20.46 | / | / | 20.46 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 20.60 | / | / | 20.60 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 17.56 | / | / | 17.56 | / | / | <=38.45 | Pass |
| CP-OFDM 256 QAM | 819 | Edge_1RB_Right  | 17.63 | / | / | 17.63 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 17.57 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 17.60 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 17.54 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 17.67 | / | / | 17.67 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 17.53 | / | / | 17.53 | / | / | <=38.45 | Pass |
|                 | 819 | Edge_1RB_Right  | 17.68 | / | / | 17.68 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 17.51 | / | / | 17.51 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 17.59 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 17.50 | / | / | 17.50 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 17.64 | / | / | 17.64 | / | / | <=38.45 | Pass |
|                 |     | Edge_1RB_Left   | 17.54 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                 | 819 | Edge_1RB_Right  | 17.70 | / | / | 17.70 | / | / | <=38.45 | Pass |
|                 |     | Outer_Full      | 17.56 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                 |     | Inner_Full      | 17.62 | / | / | 17.62 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Left  | 17.51 | / | / | 17.51 | / | / | <=38.45 | Pass |
|                 |     | Inner_1RB_Right | 17.67 | / | / | 17.67 | / | / | <=38.45 | Pass |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 15k\_SISO\_10MHz

| 5G NR n26a SCS=15kHz SISO 10MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM QPSK                 | 819             | Outer_Full    | 20         | LV    | -0.90            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 1.60             | 0.0020                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -3.30            | -0.0040               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -3.50            | -0.0043               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -3.30            | -0.0040               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -2.30            | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -3.70            | -0.0045               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -5.00            | -0.0061               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -3.60            | -0.0044               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -3.10            | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -3.20            | -0.0039               | >=-2.5 & <=2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

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

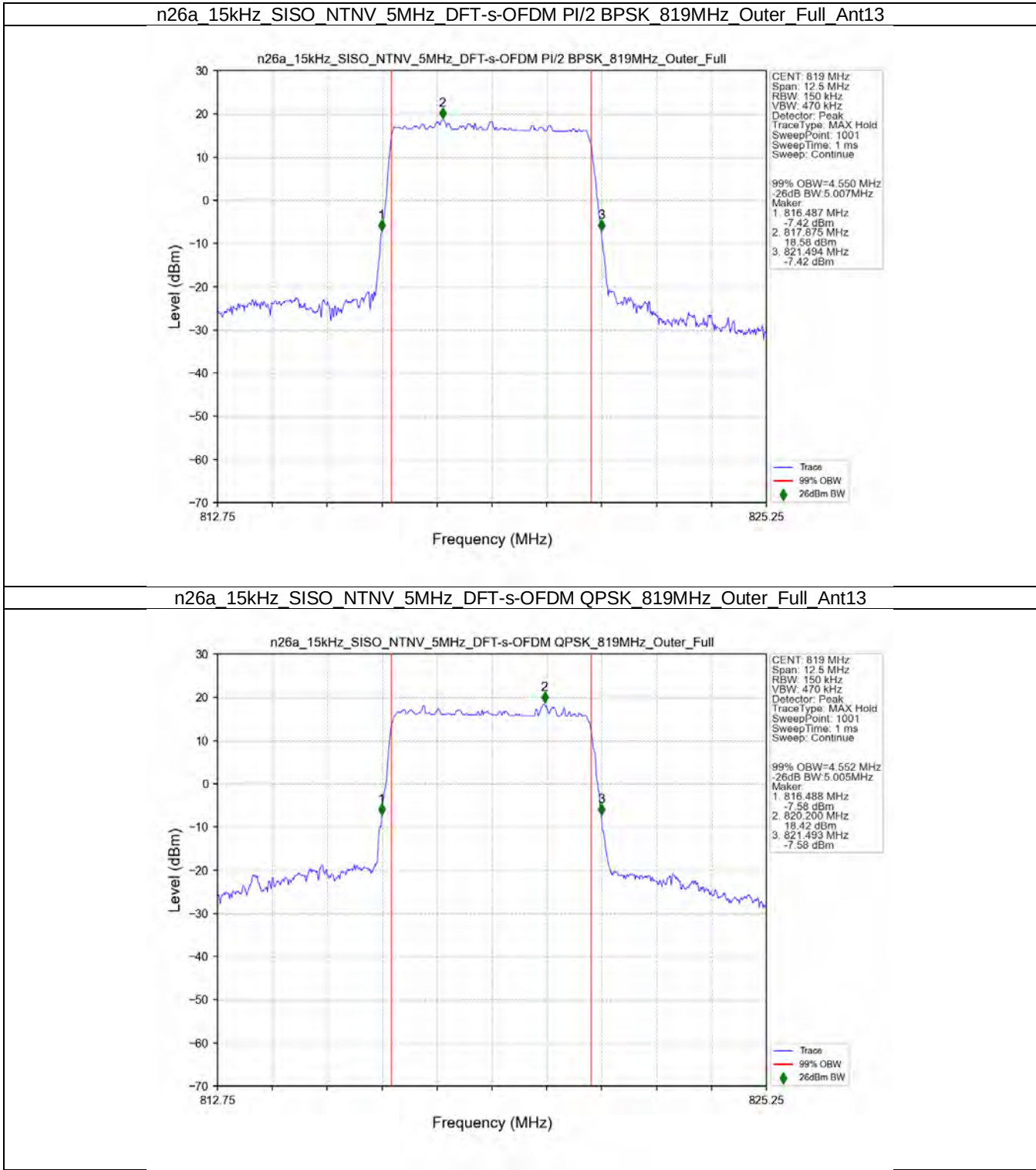
| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |               |                     |                      |             |         |
|------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK               | 819             | Outer_Full    | 4.55                | 5.01                 | /           | Pass    |
| DFT-s-OFDM QPSK                    | 819             | Outer_Full    | 4.55                | 5.00                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                  | 819             | Outer_Full    | 4.54                | 5.02                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                  | 819             | Outer_Full    | 4.55                | 5.01                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                 | 819             | Outer_Full    | 4.53                | 5.00                 | /           | Pass    |
| CP-OFDM QPSK                       | 819             | Outer_Full    | 4.51                | 4.97                 | /           | Pass    |
| CP-OFDM 16 QAM                     | 819             | Outer_Full    | 4.54                | 4.98                 | /           | Pass    |
| CP-OFDM 64 QAM                     | 819             | Outer_Full    | 4.52                | 5.01                 | /           | Pass    |
| CP-OFDM 256 QAM                    | 819             | Outer_Full    | 4.52                | 4.98                 | /           | Pass    |

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

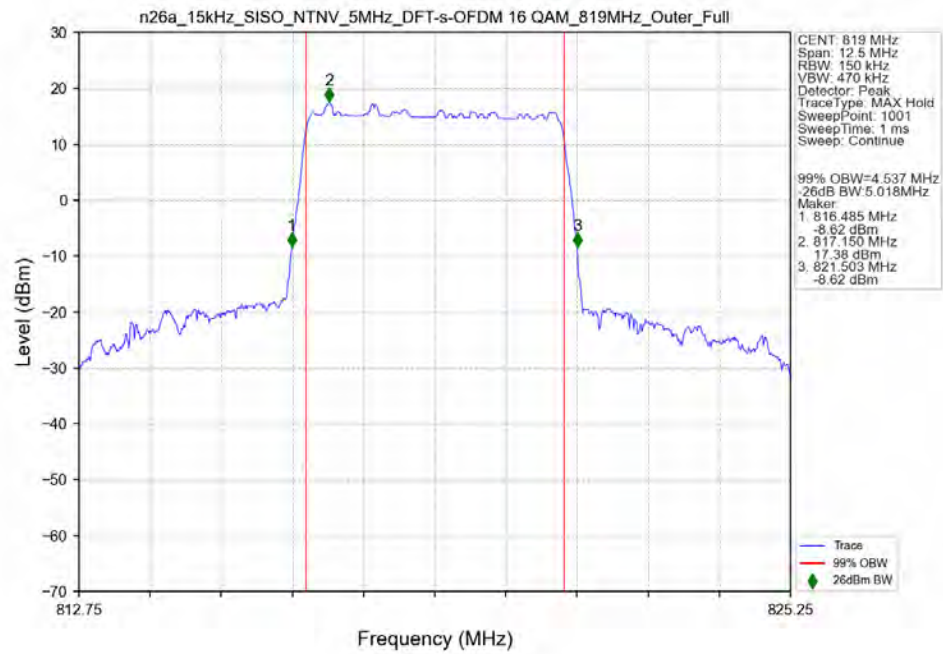
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 819             | Outer_Full    | 9.09                | 9.74                 | /           | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Outer_Full    | 9.02                | 9.70                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 819             | Outer_Full    | 9.01                | 9.72                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 819             | Outer_Full    | 9.05                | 9.73                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 819             | Outer_Full    | 9.00                | 9.66                 | /           | Pass    |
| CP-OFDM QPSK                        | 819             | Outer_Full    | 9.34                | 10.07                | /           | Pass    |
| CP-OFDM 16 QAM                      | 819             | Outer_Full    | 9.38                | 10.07                | /           | Pass    |
| CP-OFDM 64 QAM                      | 819             | Outer_Full    | 9.38                | 10.04                | /           | Pass    |
| CP-OFDM 256 QAM                     | 819             | Outer_Full    | 9.35                | 10.06                | /           | Pass    |

### 3.2 Test Graph

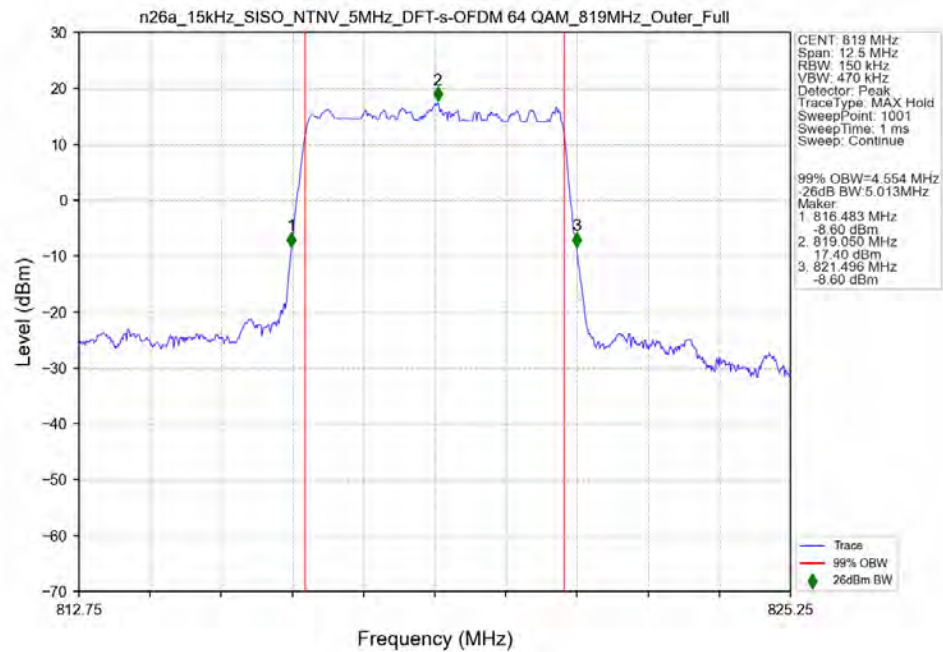
#### 3.2.1 15k\_SISO\_5MHz\_NTNV



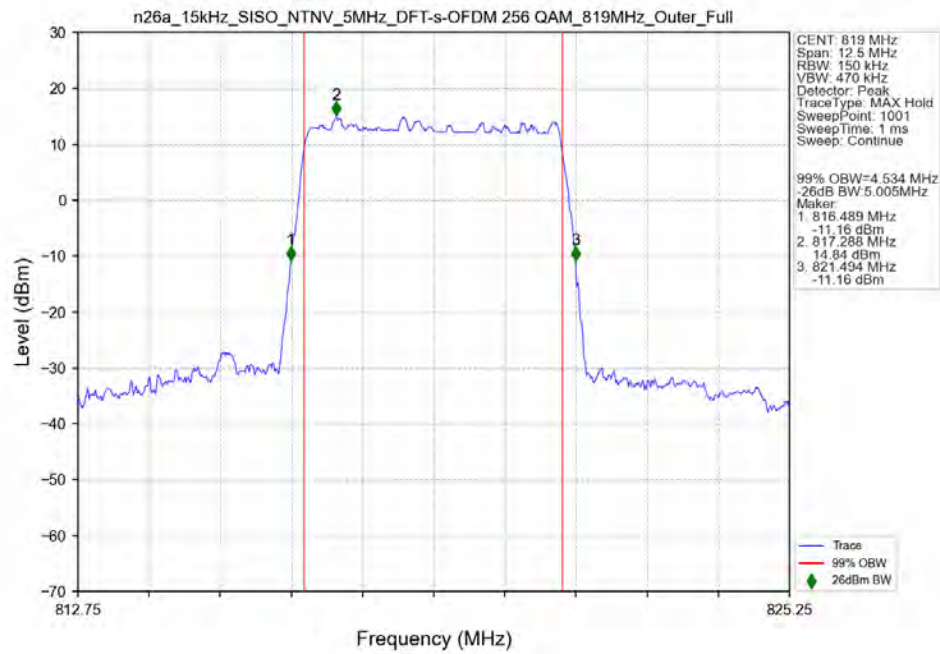
# n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant13



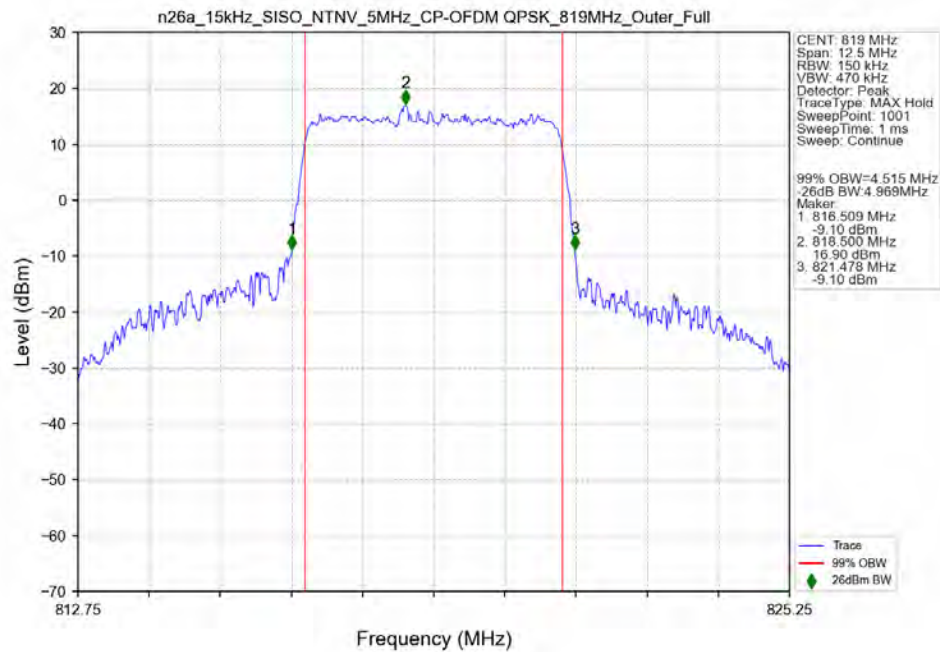
# n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant13



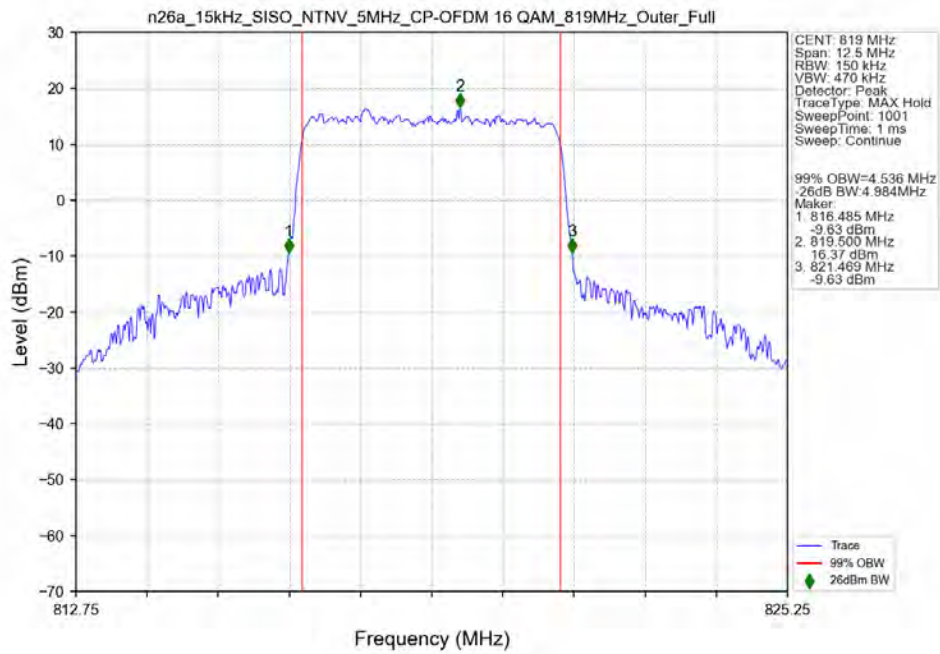
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_819MHz\_Outer\_Full\_Ant13



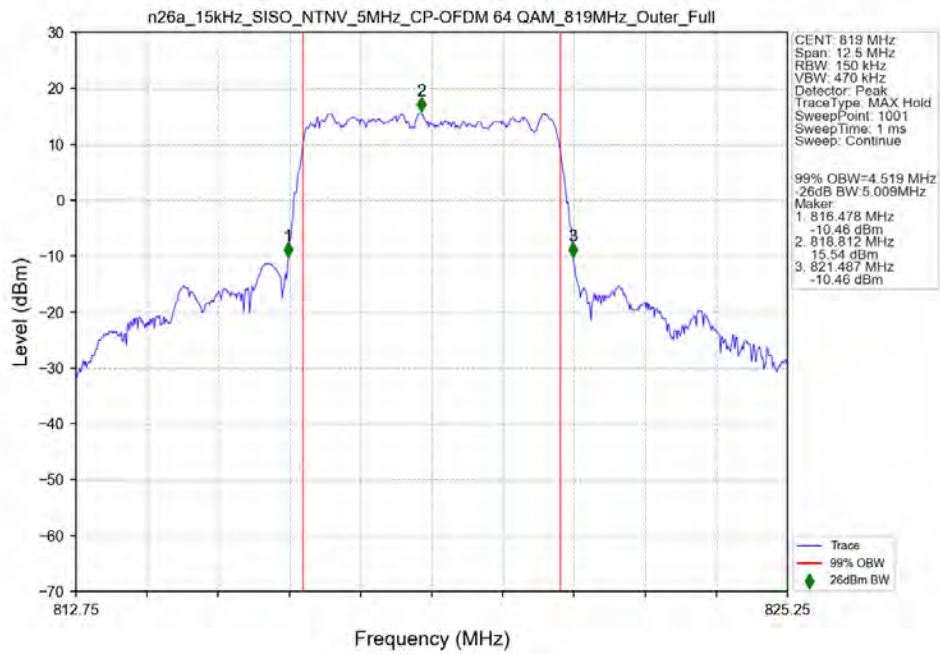
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13

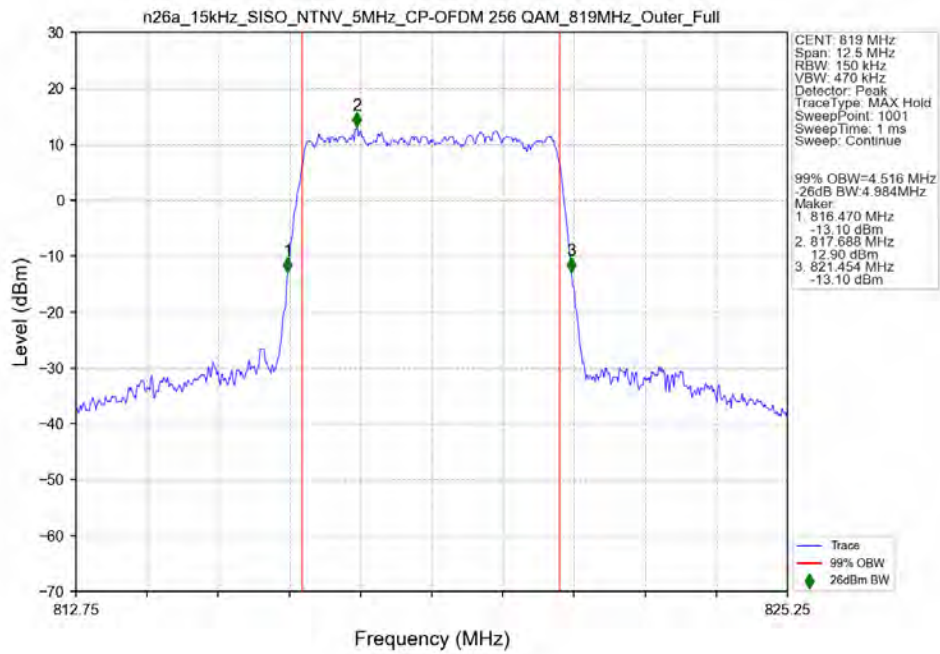


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16QAM\_819MHz\_Outer\_Full\_Ant13

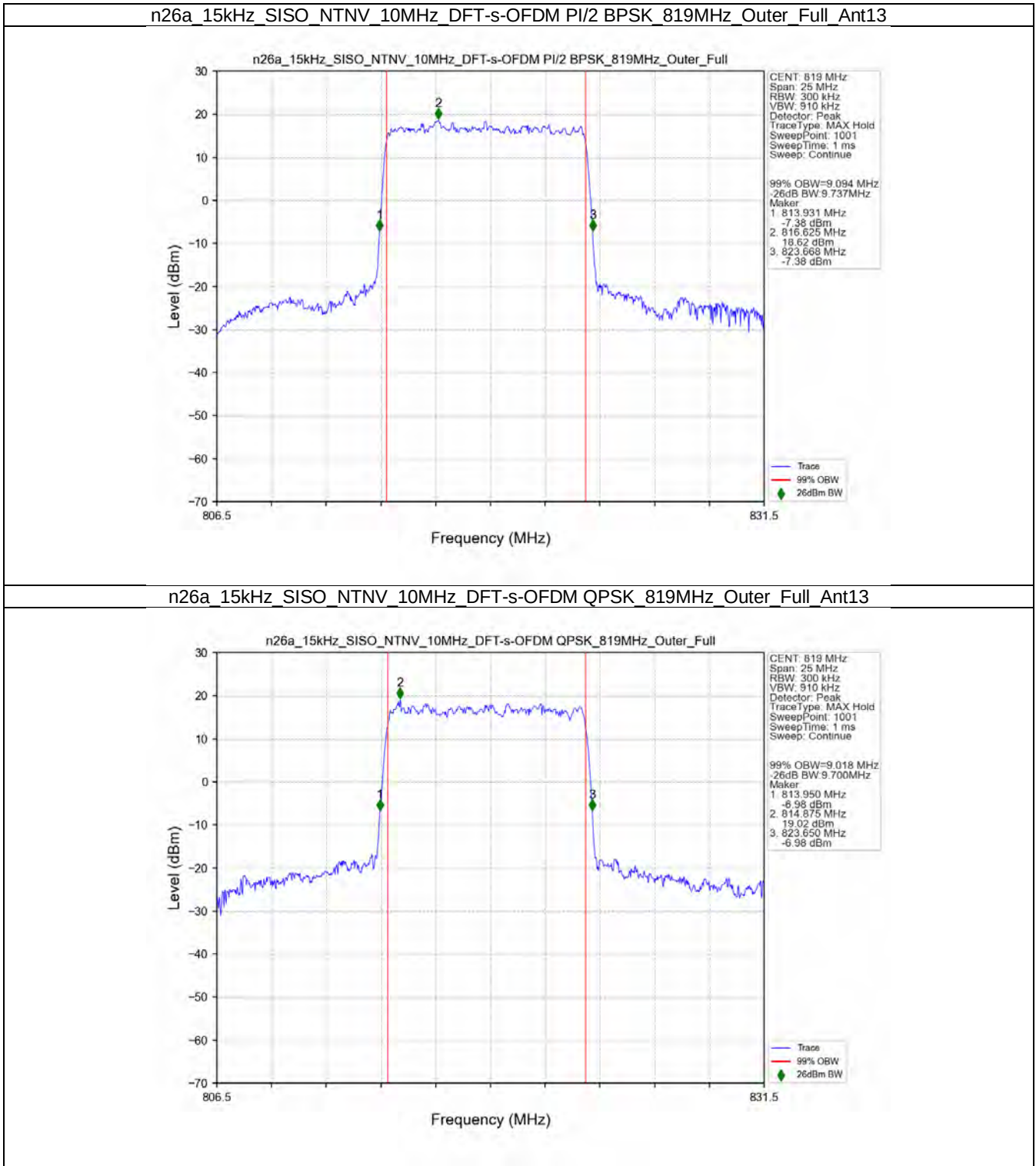


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_64QAM\_819MHz\_Outer\_Full\_Ant13

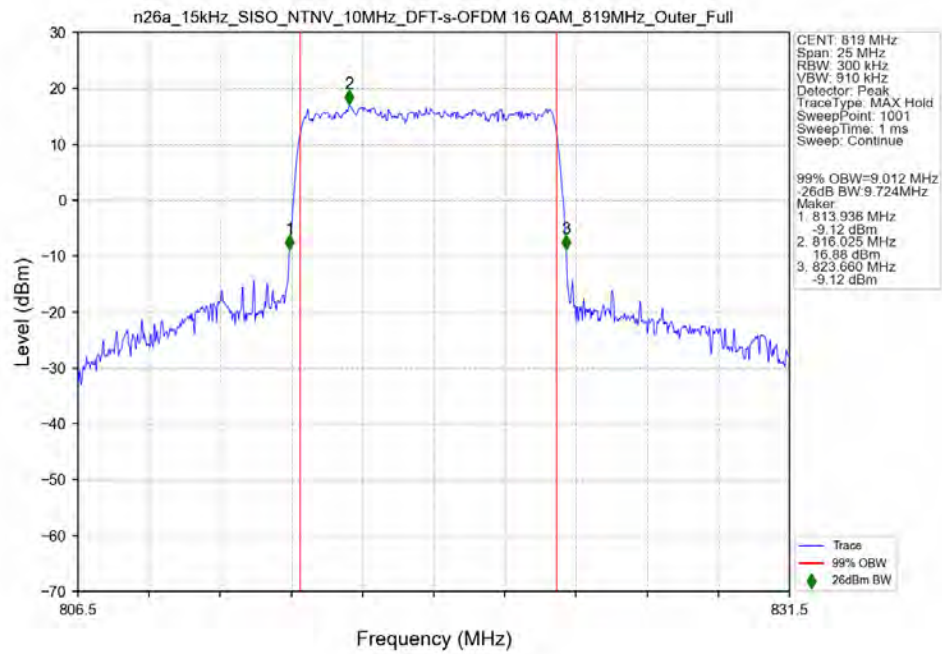




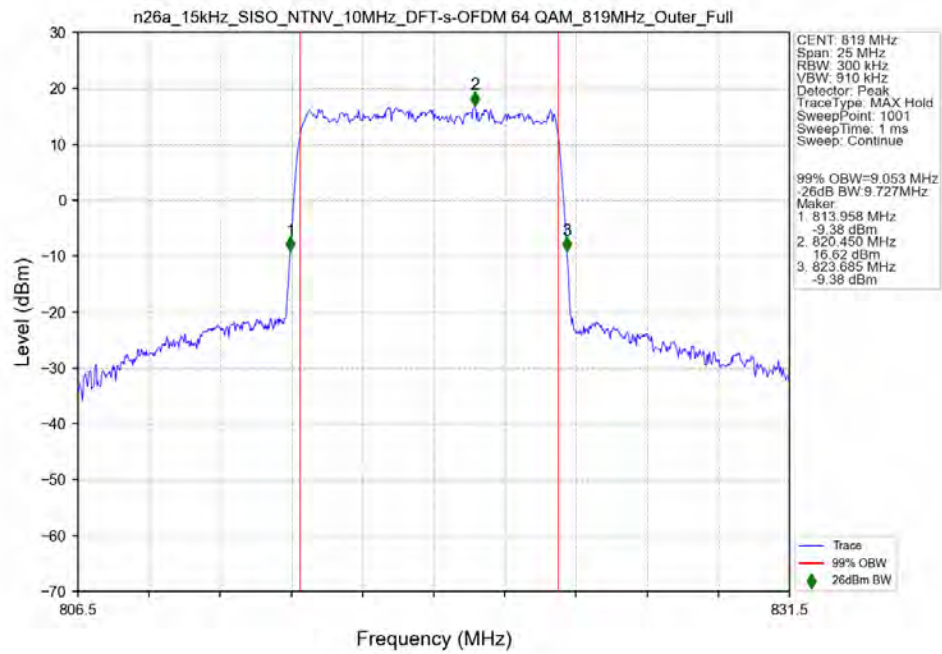
3.2.2 15k\_SISO\_10MHz\_NTNV



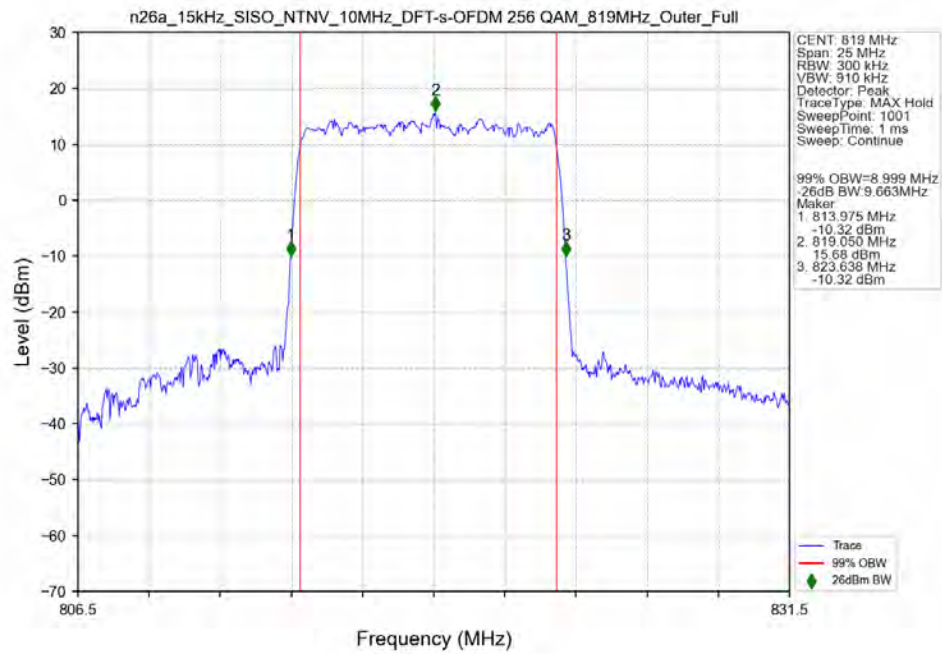
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant13



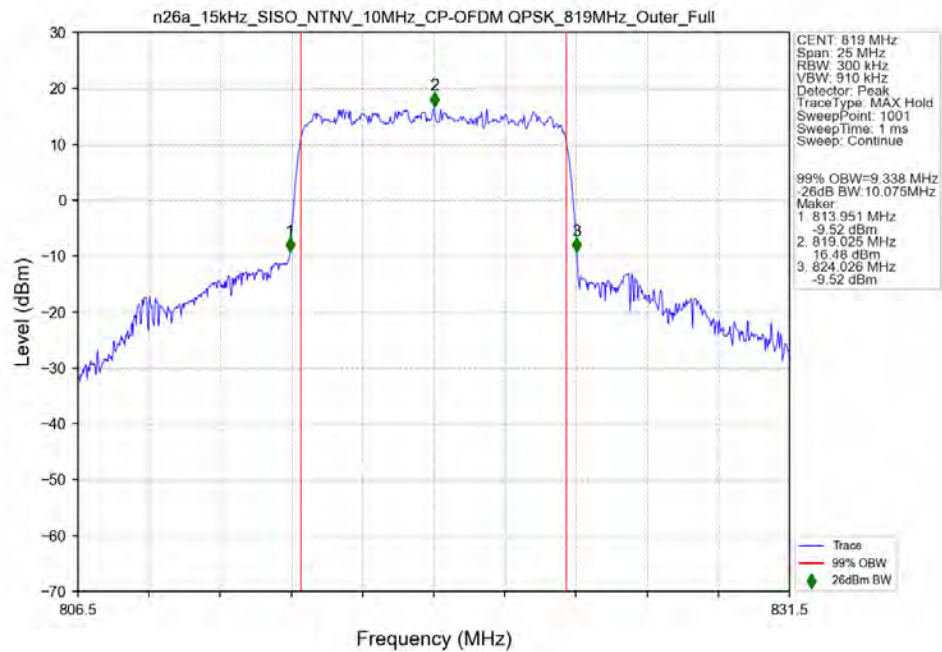
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant13



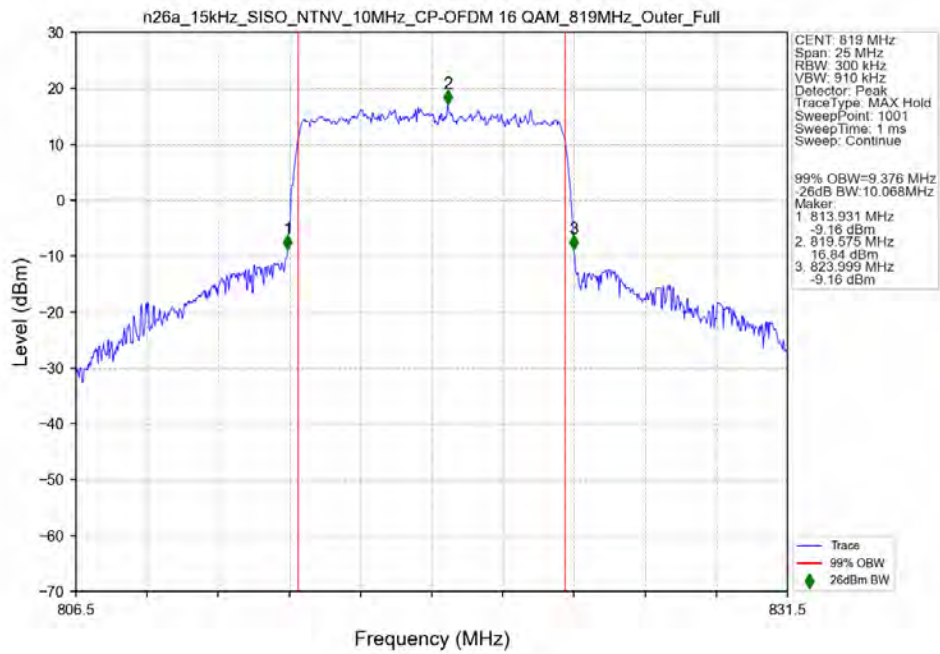
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_256\_QAM\_819MHz\_Outer\_Full\_Ant13



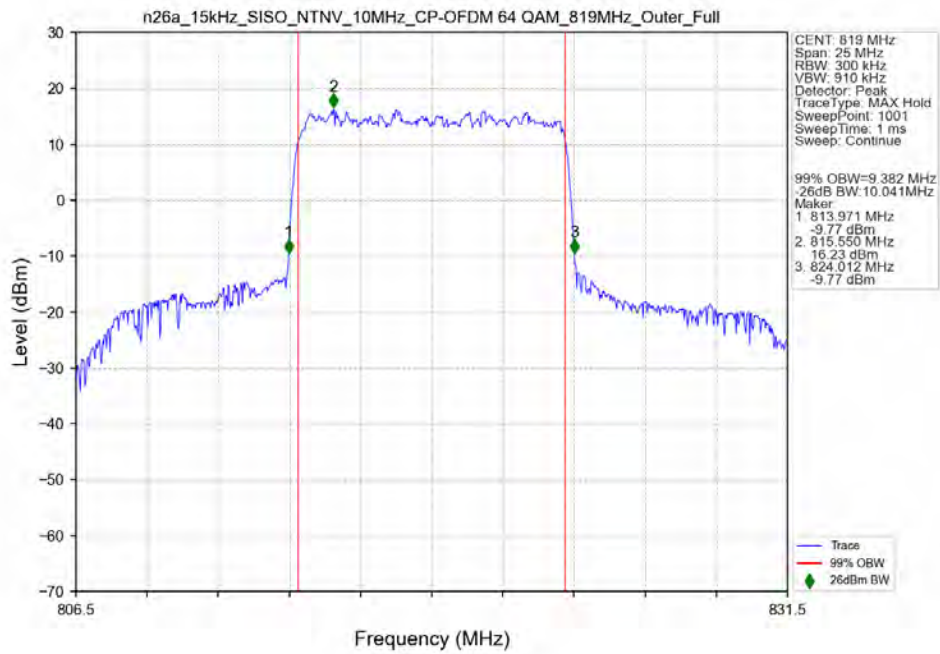
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13



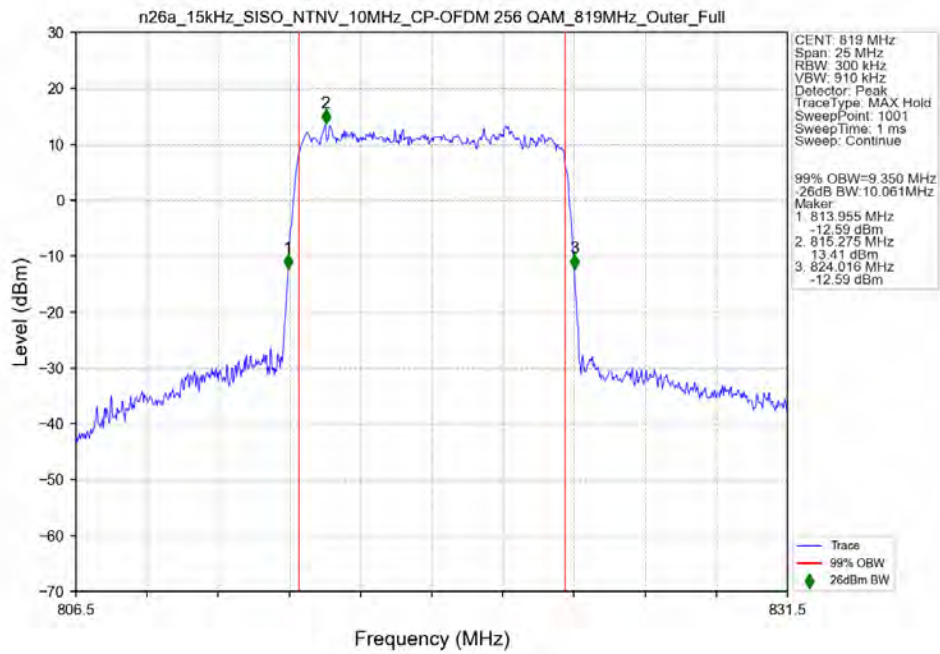
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_819MHz\_Outer\_Full\_Ant13



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_819MHz\_Outer\_Full\_Ant13



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_256\_QAM\_819MHz\_Outer\_Full\_Ant13



4. Peak-Average Ratio

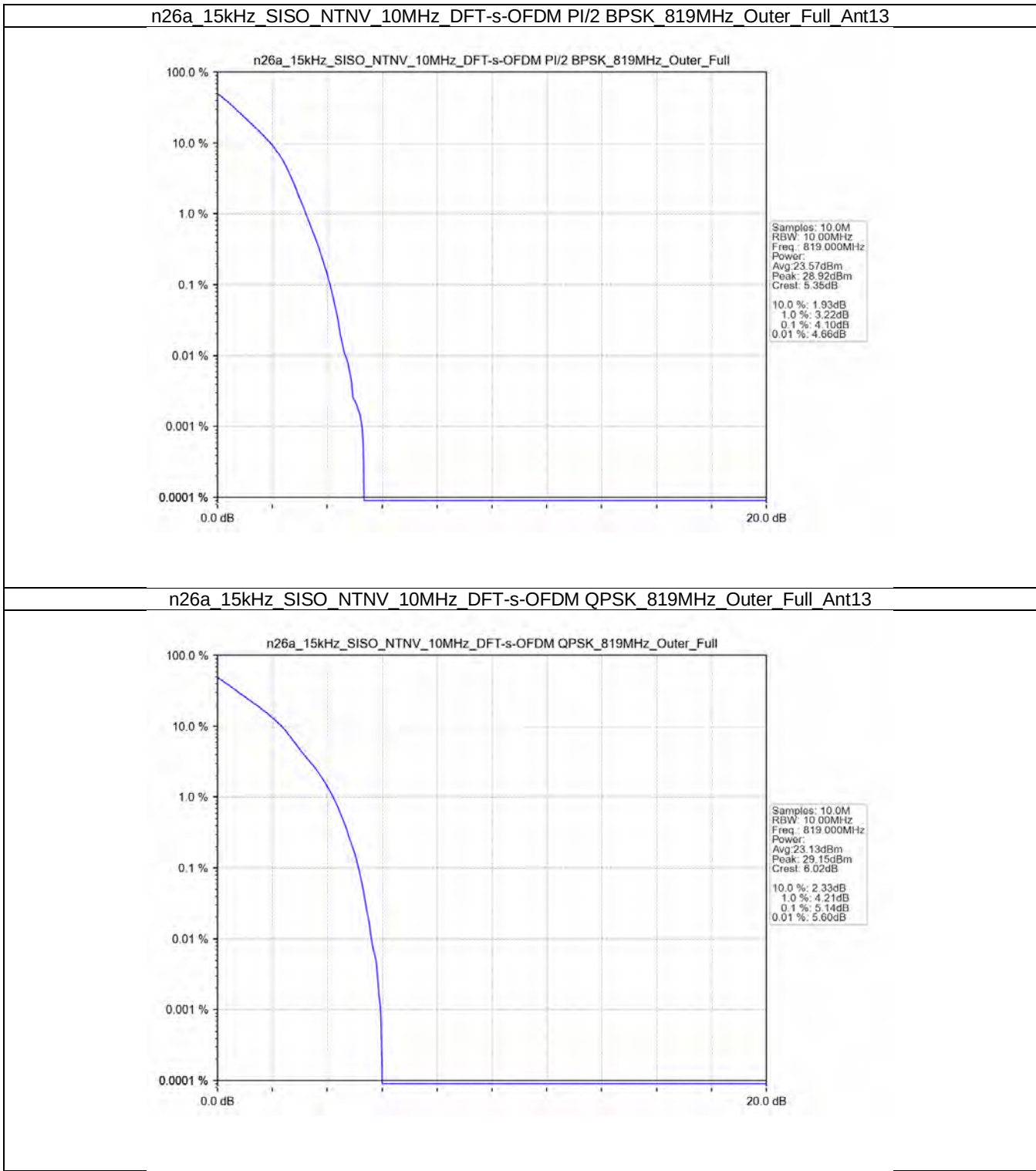
4.1 Test Result

4.1.1 15k\_SISO\_10MHz\_NTNV

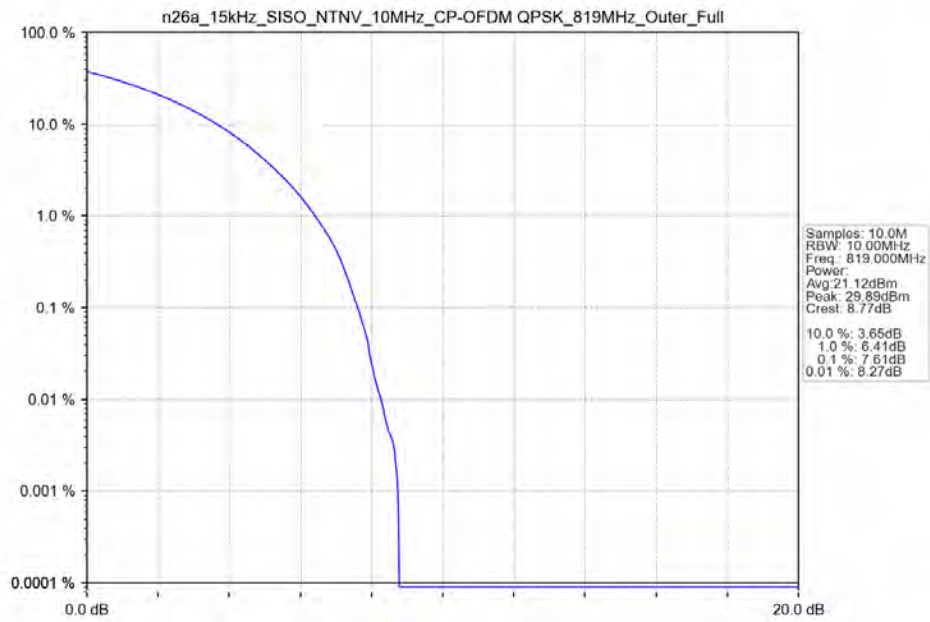
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant13                   | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Outer Full    | 4.10                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Outer Full    | 5.14                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 819             | Outer Full    | 7.61                    | /    | /   | <=13  | Pass    |

# 4.2 Test Graph

## 4.2.1 15k\_SISO\_10MHz\_NTNV



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13



## 5. Spurious Emission

### 5.1 Test Result

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

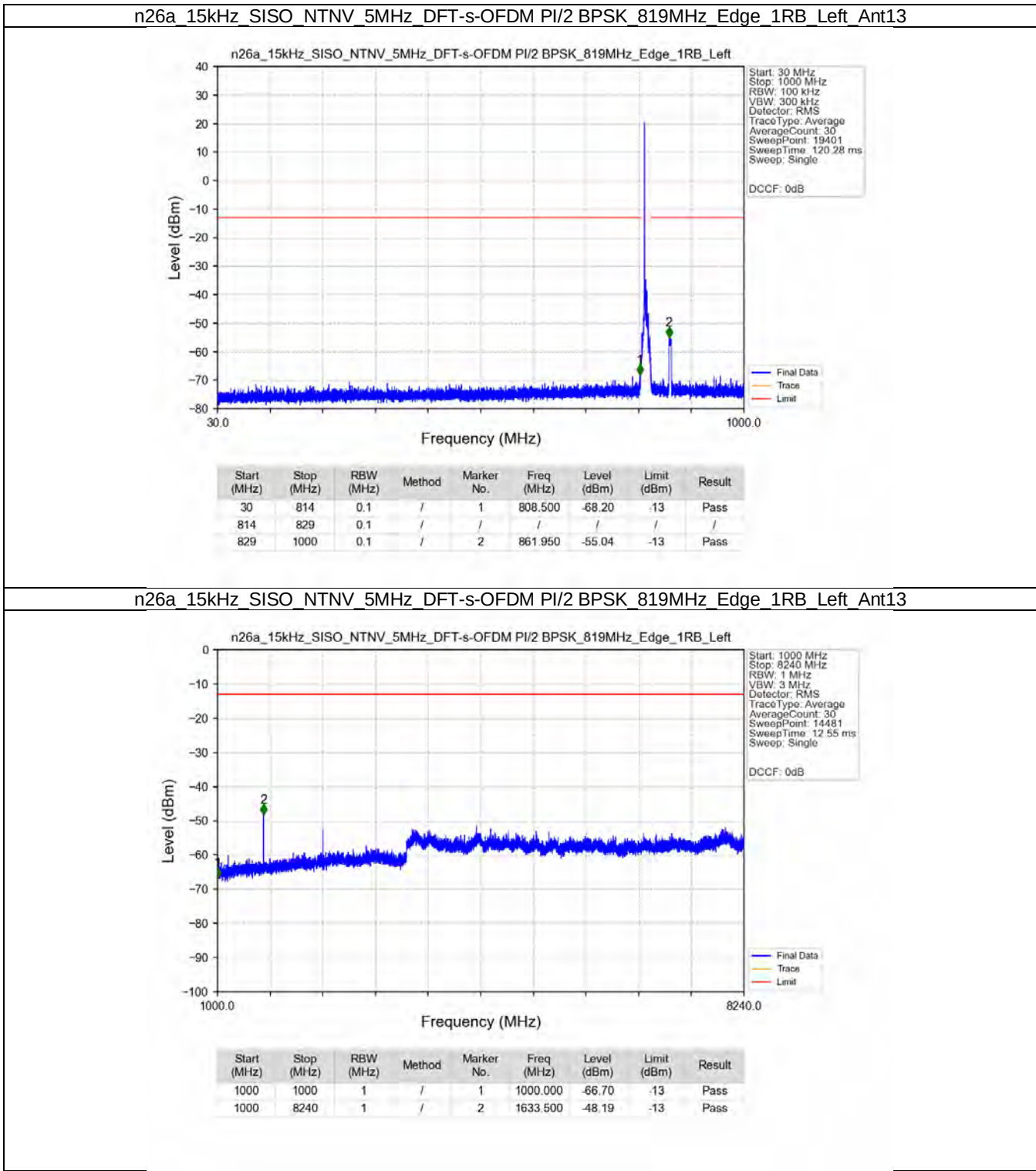
| 5G NR n26a SCS=15kHz SISO 5MHz NTN |                 |                |                     |      |     |       |         |
|------------------------------------|-----------------|----------------|---------------------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Spurious Emission   |      |     |       | Verdict |
|                                    |                 |                | Ant13               | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    | 816.5           | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                    | 821.5           | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
| DFT-s-OFDM QPSK                    | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    | 816.5           | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                    | 821.5           | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
| CP-OFDM QPSK                       | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    | 816.5           | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                    | 821.5           | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                    |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |

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

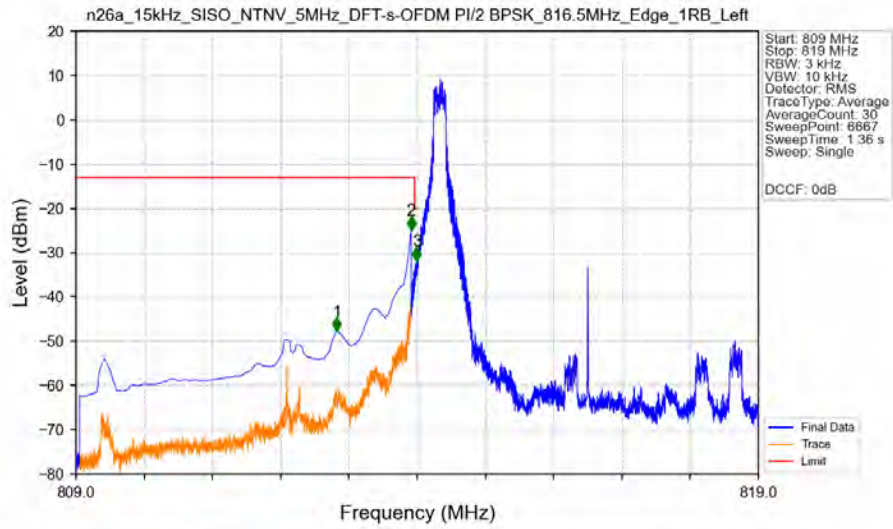
| 5G NR n26a SCS=15kHz SISO 10MHz NTN |                 |                |                     |      |     |       |         |
|-------------------------------------|-----------------|----------------|---------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation  | Spurious Emission   |      |     |       | Verdict |
|                                     |                 |                | Ant13               | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
| DFT-s-OFDM QPSK                     | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
| CP-OFDM QPSK                        | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Left  | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |
|                                     | 819             | Edge_1RB_Right | Refer To Test Graph |      |     |       | Pass    |
|                                     |                 | Outer_Full     | Refer To Test Graph |      |     |       | Pass    |

5.2 Test Graph

5.2.1 15k\_SISO\_5MHz\_NTNV

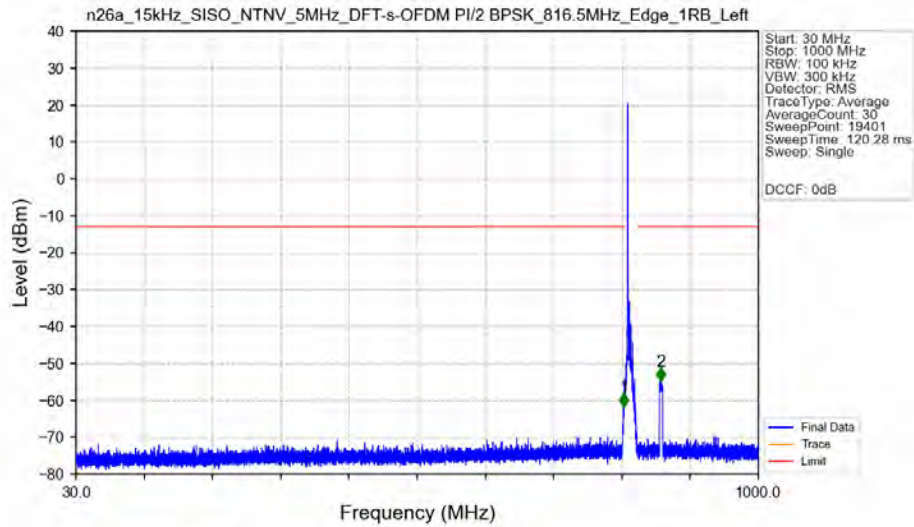


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



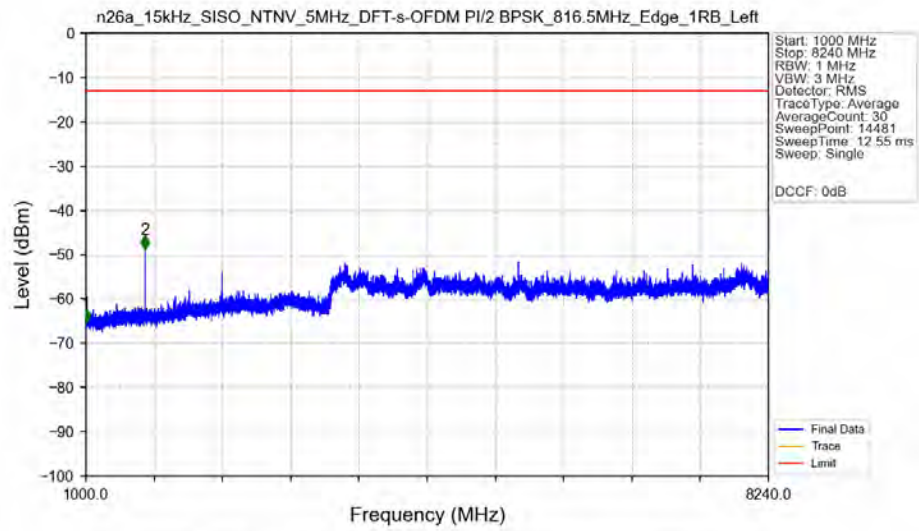
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.821    | -47.77      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.911    | -25.01      | -13         | Pass   |
| 813.963     | 814        | 0.003     | /      | 3          | 813.994    | -31.83      | -20         | Pass   |
| 814         | 819        | 0.003     | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



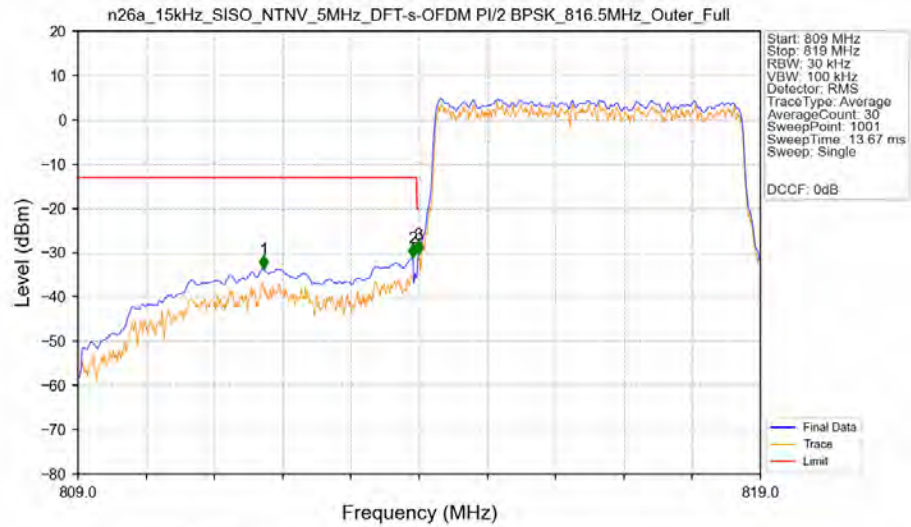
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 813        | 0.1       | /      | 1          | 808.650    | -61.75      | -13         | Pass   |
| 813         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 861.200    | -54.71      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



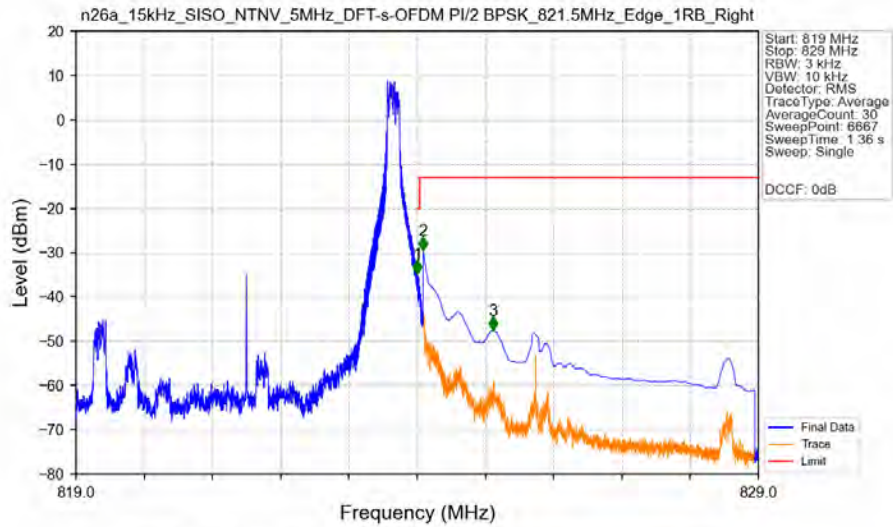
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.27      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1628.500   | -48.75      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_816.5MHz\_Outer\_Full\_Ant13



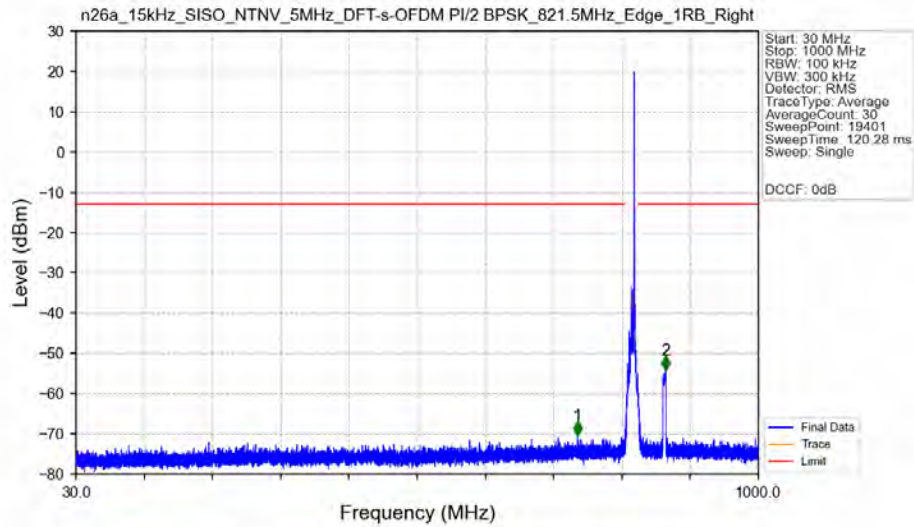
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 811.720    | -33.63      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.910    | -31.07      | -13         | Pass   |
| 813.963     | 814        | 0.05013   | CHP    | 3          | 813.990    | -30.38      | -20         | Pass   |
| 814         | 819        | 0.05013   | CHP    | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



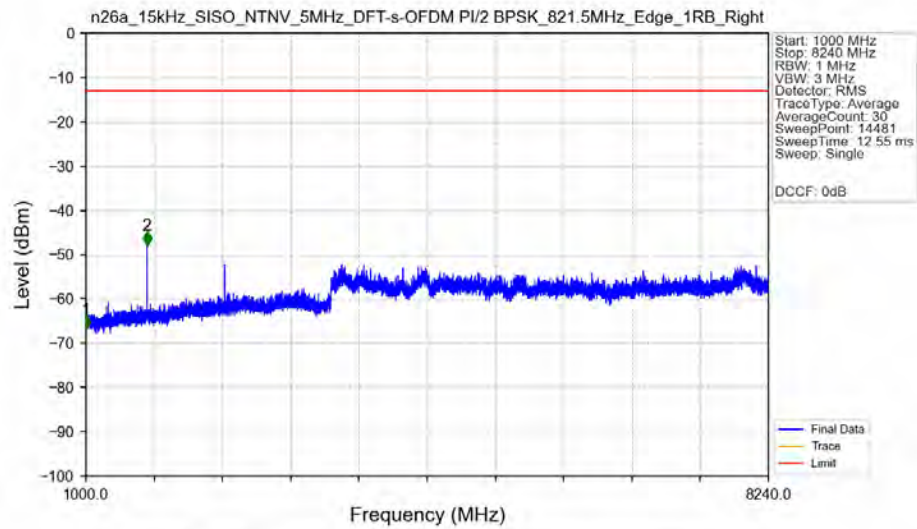
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.005    | -34.73      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -29.47      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.115    | -47.57      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



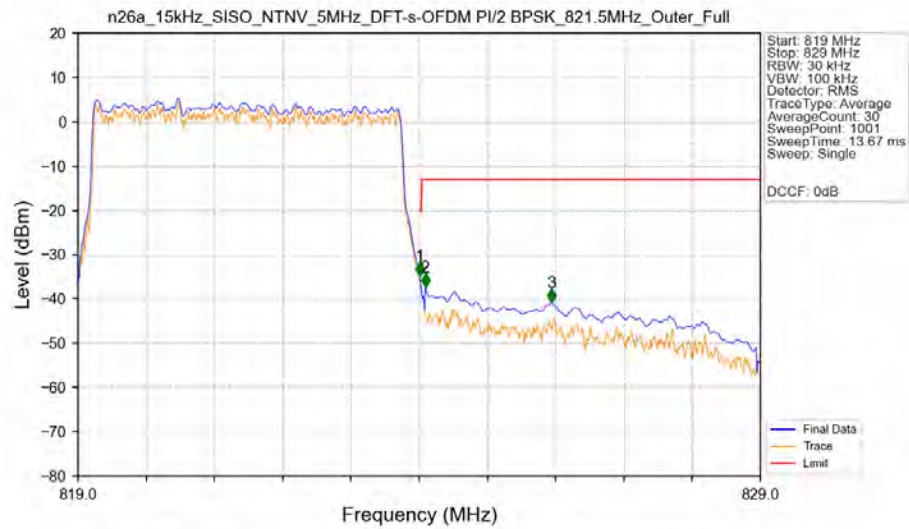
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 742.700    | -70.30      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 868.350    | -54.18      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



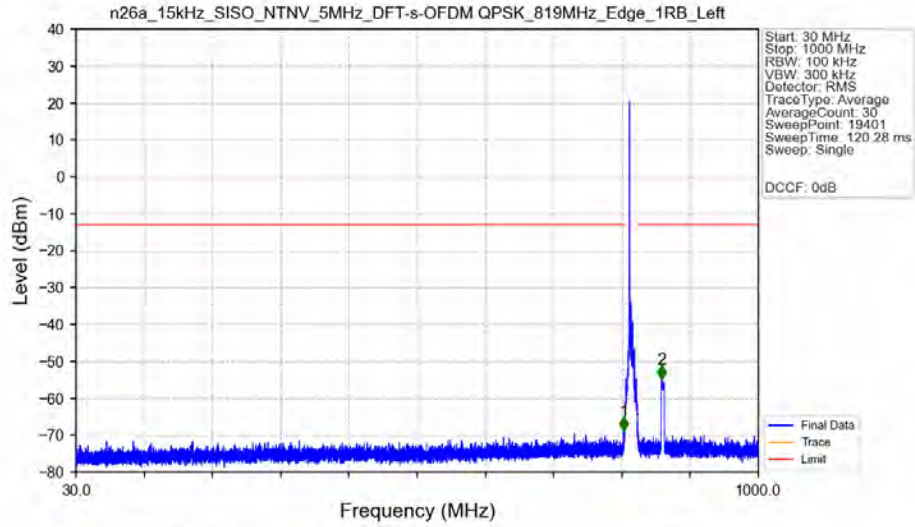
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -66.73      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.500   | -47.90      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_821.5MHz\_Outer\_Full\_Ant13

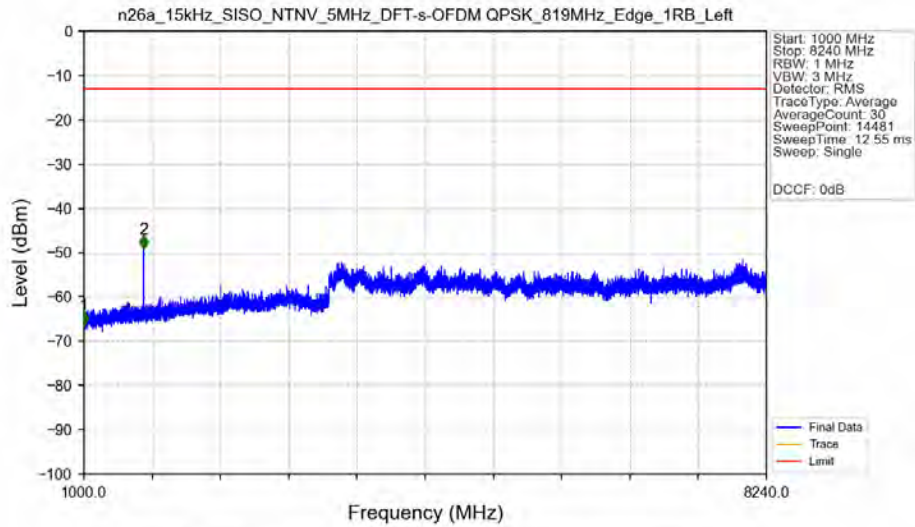


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.05005   | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.05005   | CHP    | 1          | 824.010    | -34.74      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.090    | -37.38      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.940    | -40.85      | -13         | Pass   |

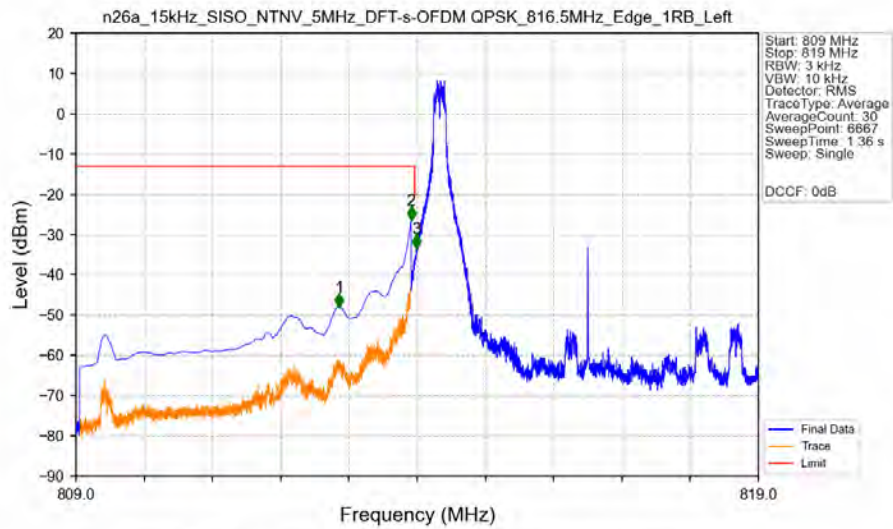
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



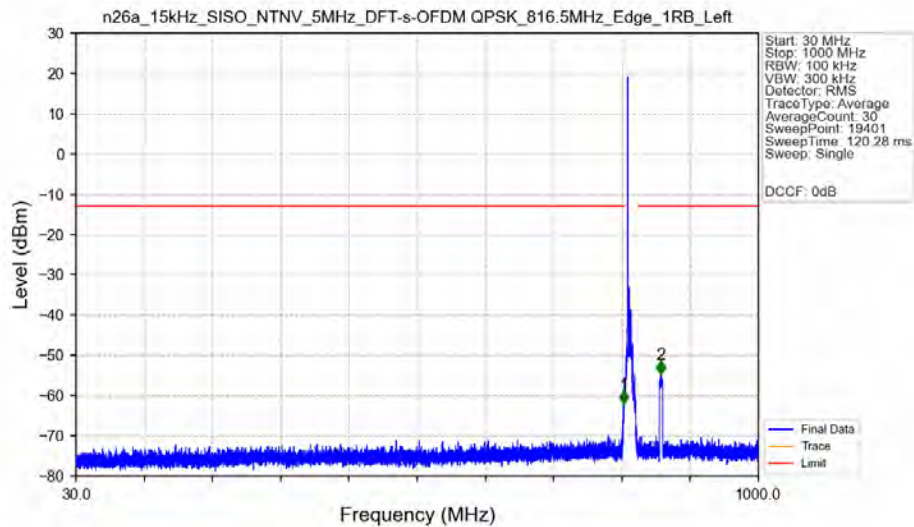
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



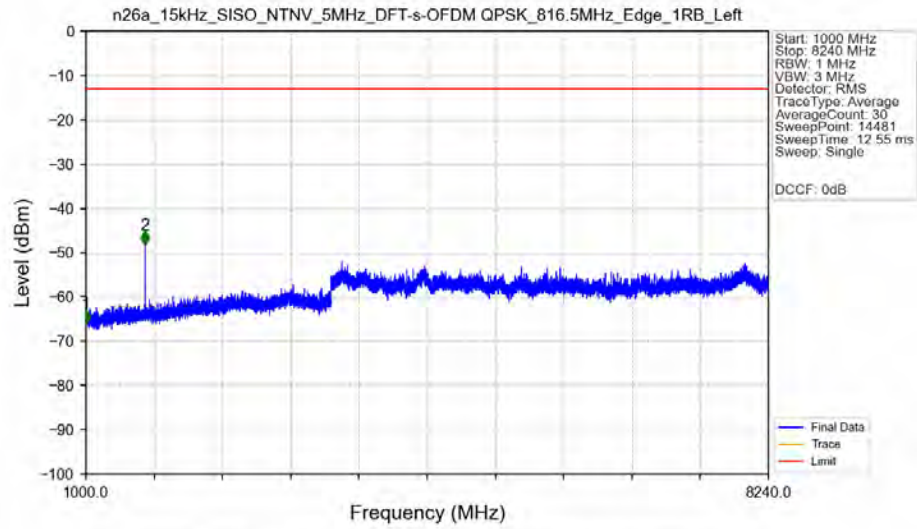
n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13

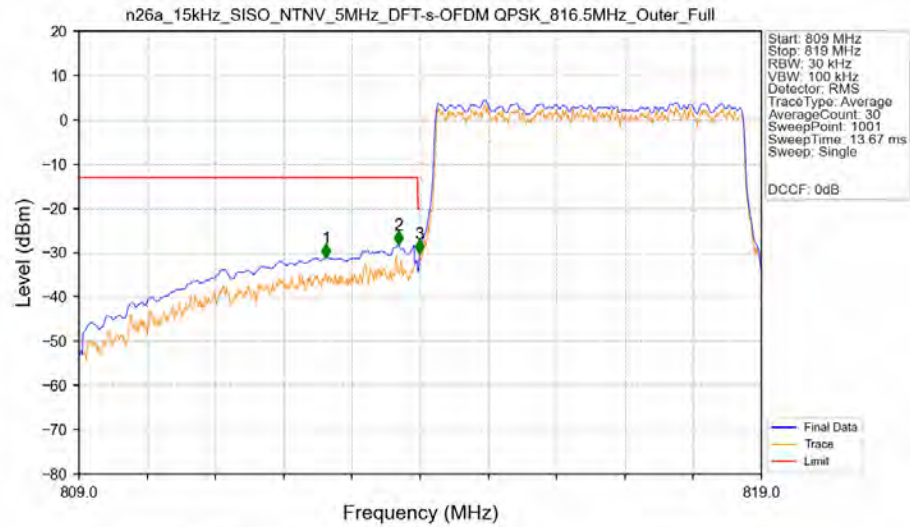


n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



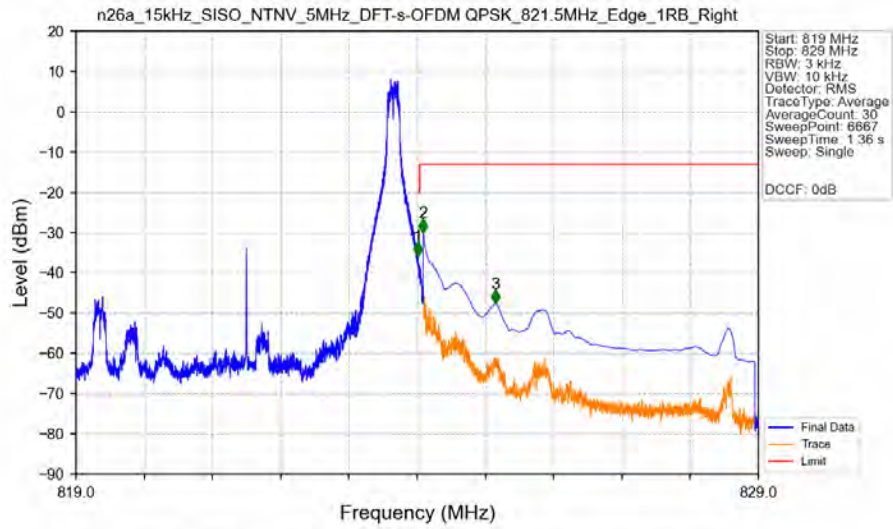
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -66.06      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1628.500   | -48.20      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_816.5MHz\_Outer\_Full\_Ant13



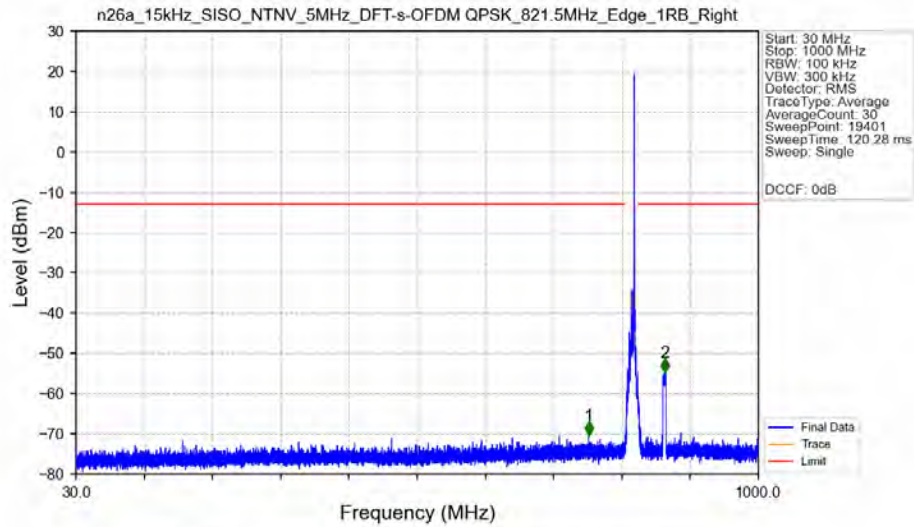
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.620    | -31.07      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.680    | -28.22      | -13         | Pass   |
| 813.963     | 814        | 0.05013   | CHP    | 3          | 813.990    | -30.23      | -20         | Pass   |
| 814         | 819        | 0.05013   | CHP    | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



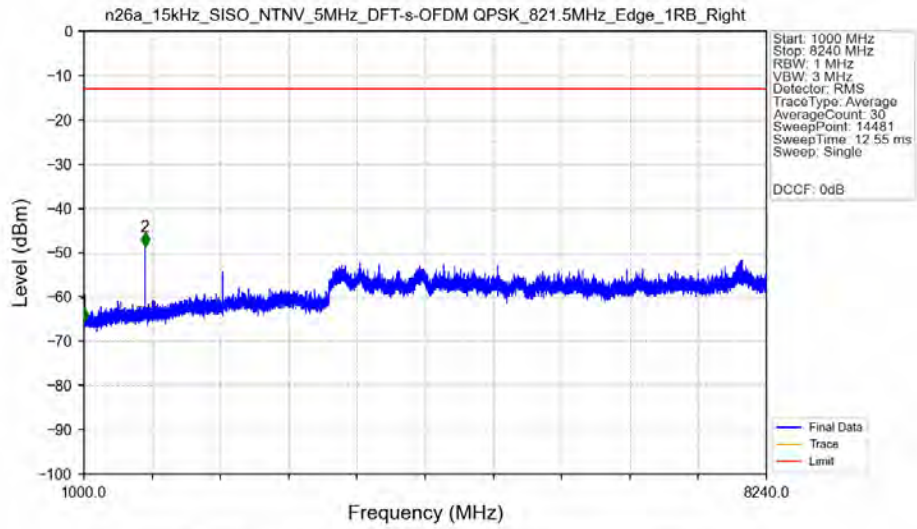
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.008    | -35.85      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -29.96      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.143    | -47.73      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



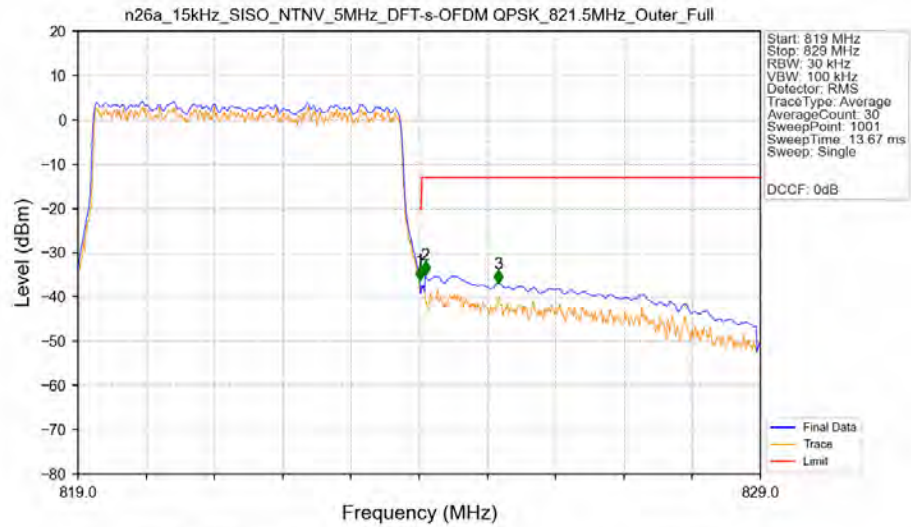
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 758.650    | -70.42      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 867.350    | -54.69      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



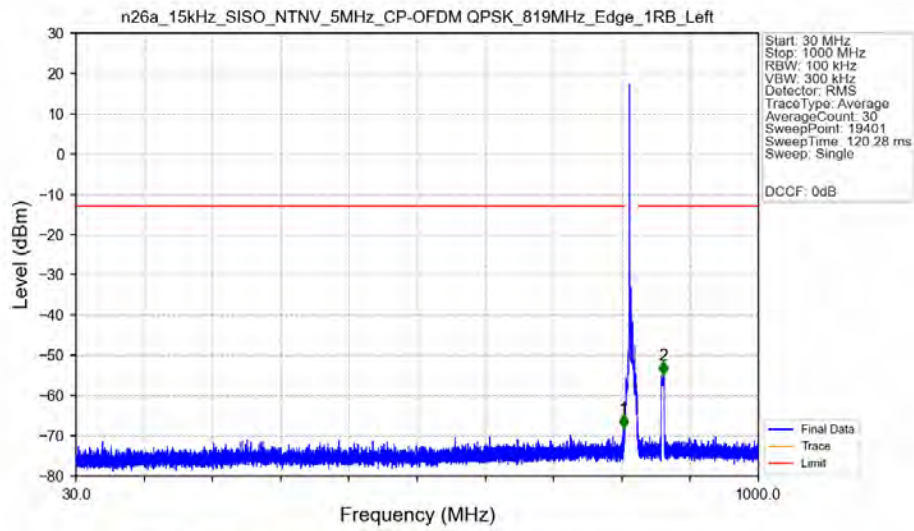
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.51      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.500   | -48.54      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_821.5MHz\_Outer\_Full\_Ant13

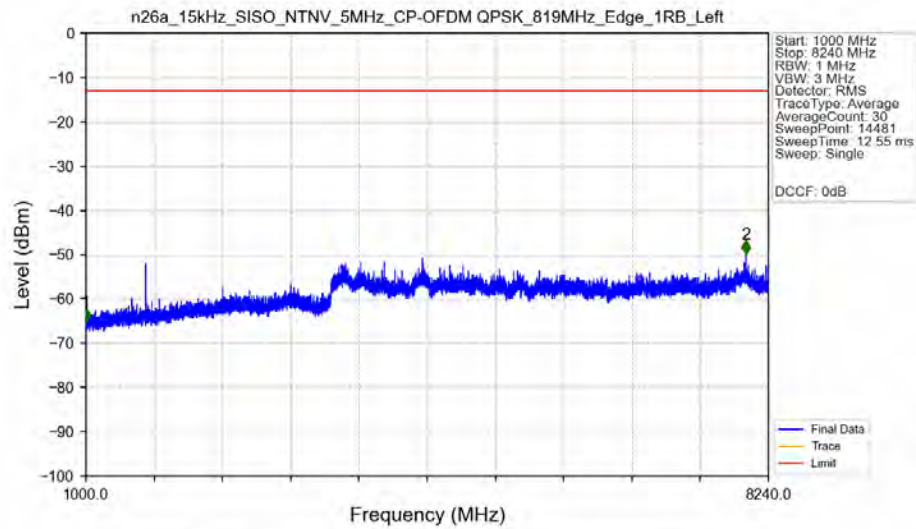


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.04969   | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.04969   | CHP    | 1          | 824.010    | -36.16      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.090    | -35.03      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.160    | -36.90      | -13         | Pass   |

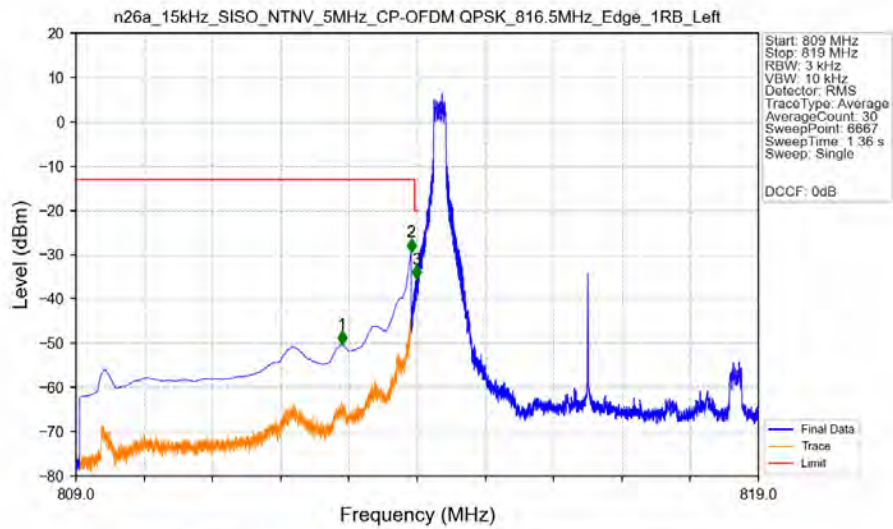
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



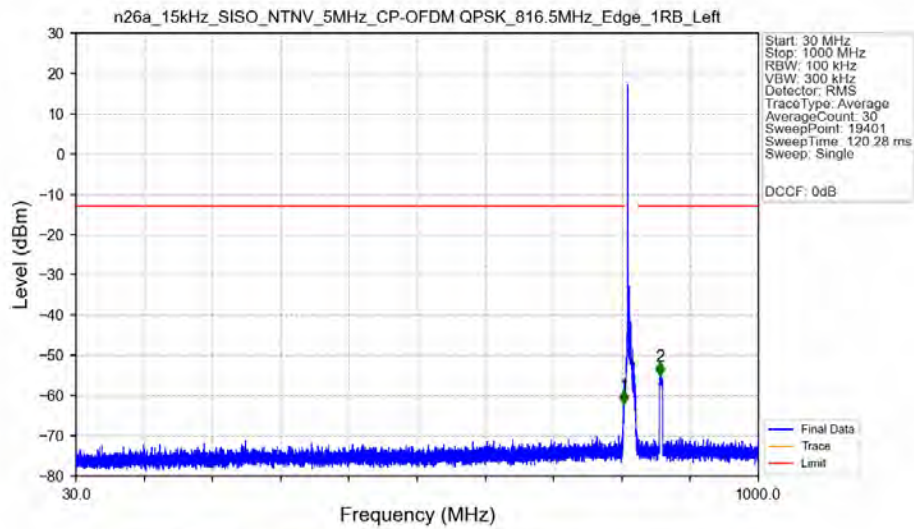
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



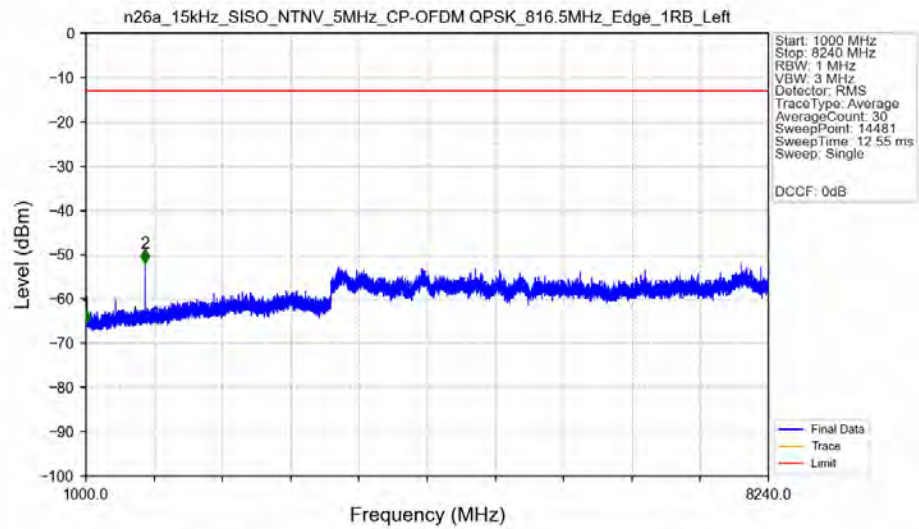
n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13

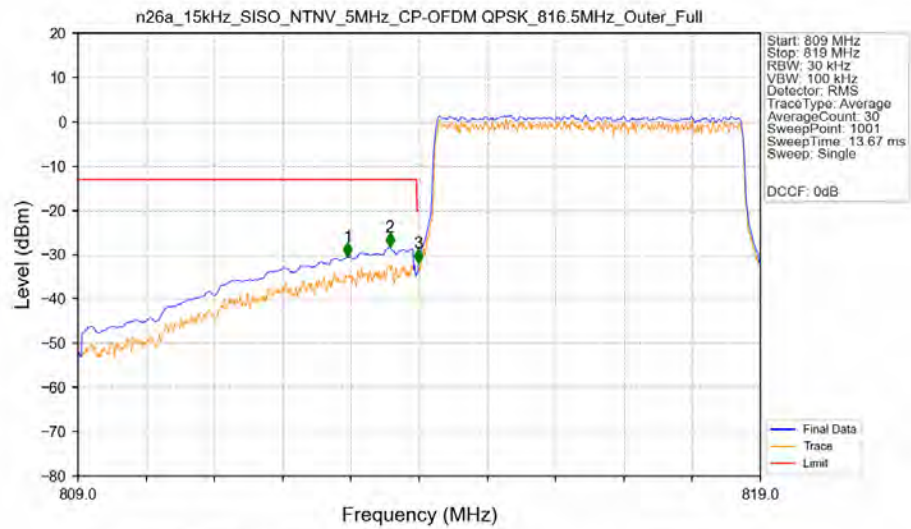


n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_816.5MHz\_Edge\_1RB\_Left\_Ant13



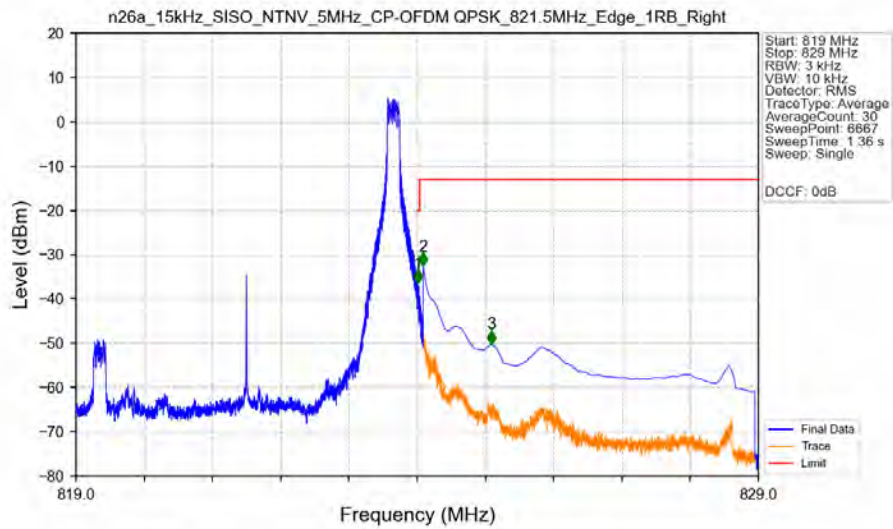
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.57      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1628.500   | -51.93      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_816.5MHz\_Outer\_Full\_Ant13



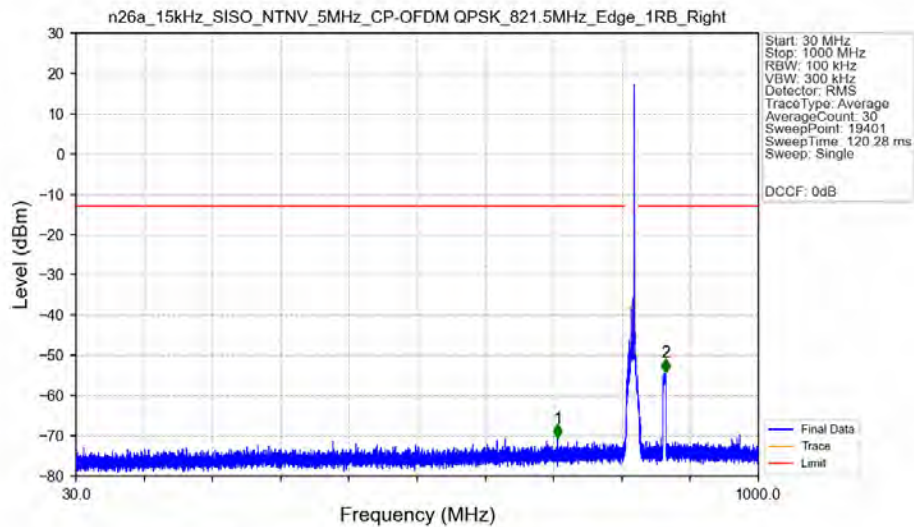
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.950    | -30.39      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.570    | -28.26      | -13         | Pass   |
| 813.963     | 814        | 0.05013   | CHP    | 3          | 813.990    | -31.78      | -20         | Pass   |
| 814         | 819        | 0.05013   | CHP    | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



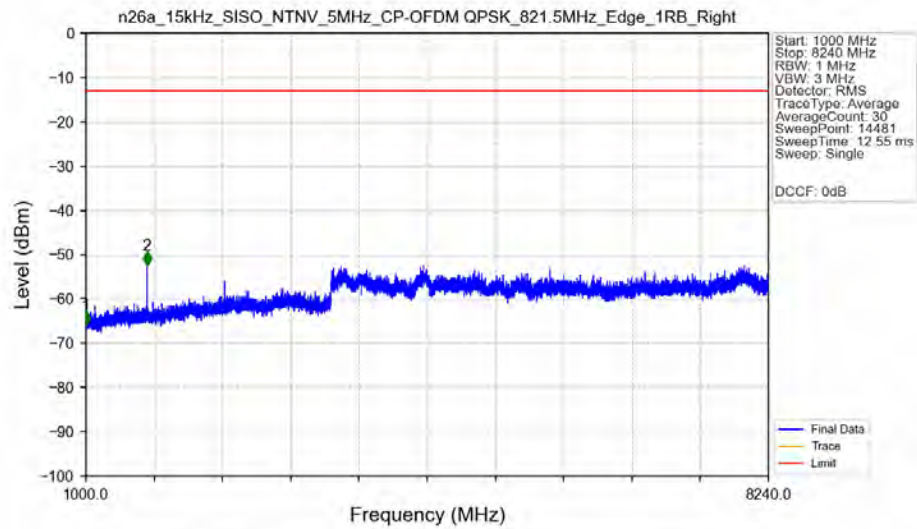
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.008    | -36.48      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -32.58      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.082    | -50.16      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



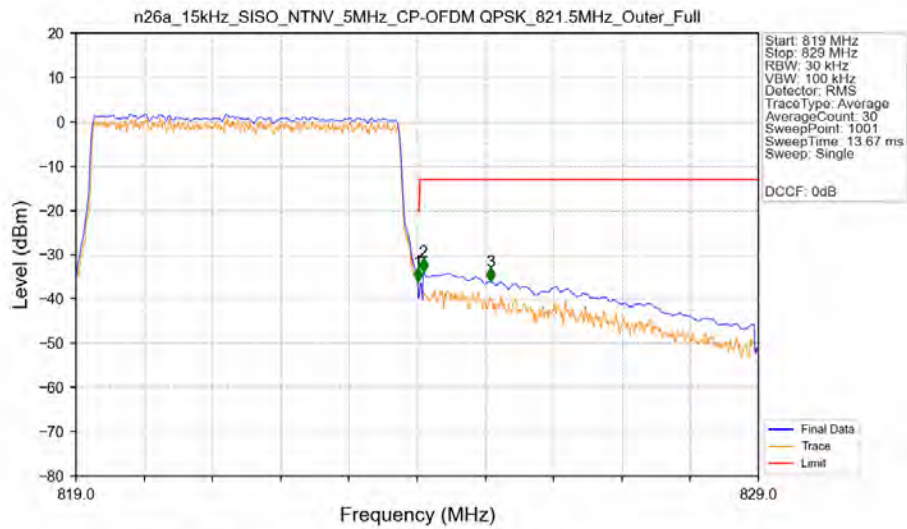
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 714.650    | -70.61      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 867.850    | -54.19      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Edge\_1RB\_Right\_Ant13



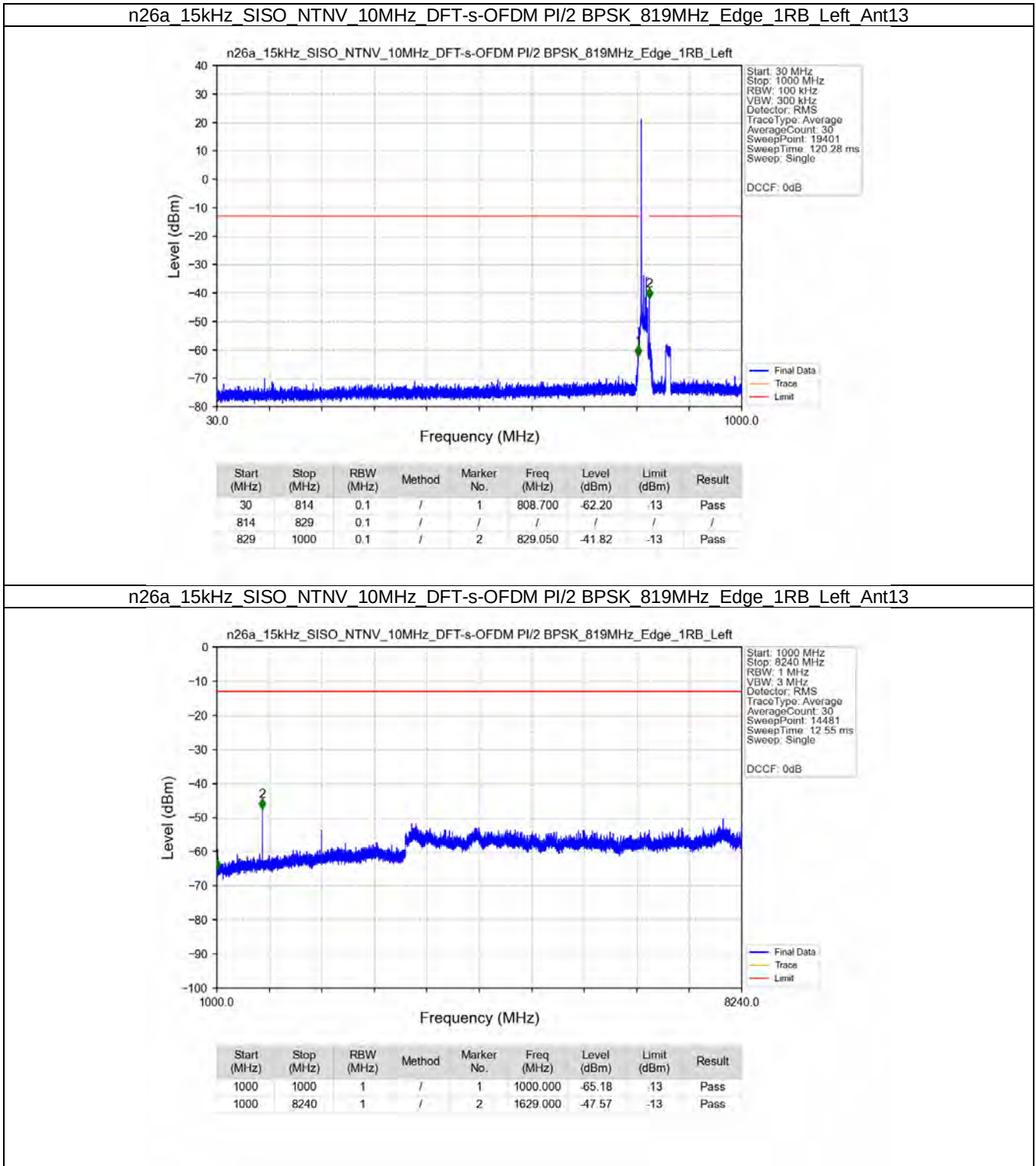
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.81      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.500   | -52.34      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_821.5MHz\_Outer\_Full\_Ant13

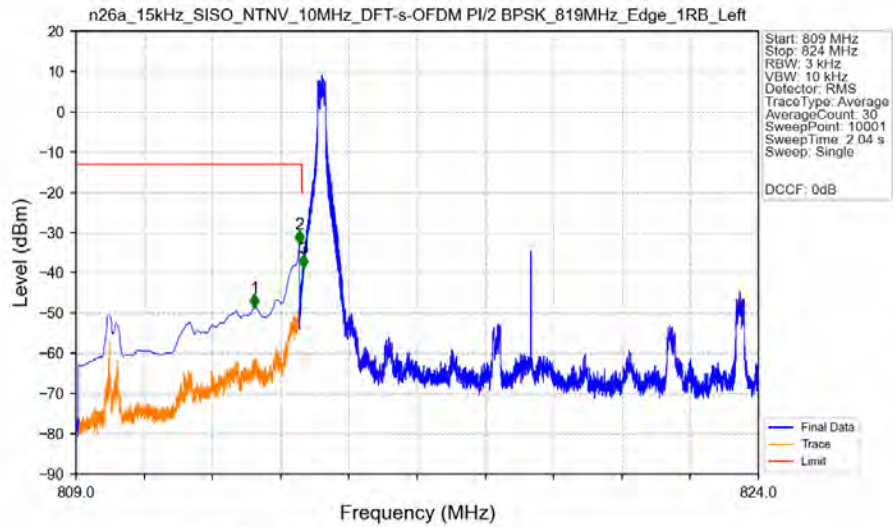


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 824        | 0.05005   | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.05005   | CHP    | 1          | 824.010    | -36.04      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.090    | -33.83      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.080    | -36.08      | -13         | Pass   |

5.2.2 15k\_SISO\_10MHz\_NTNV

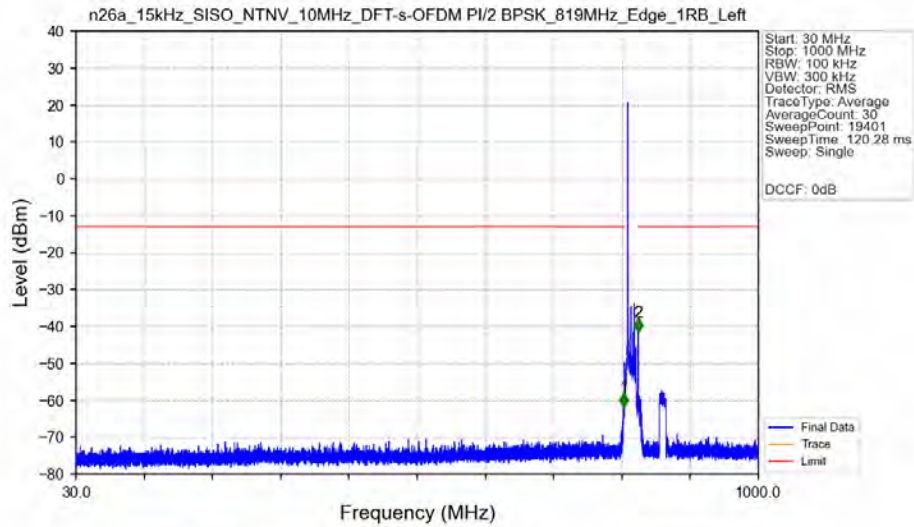


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



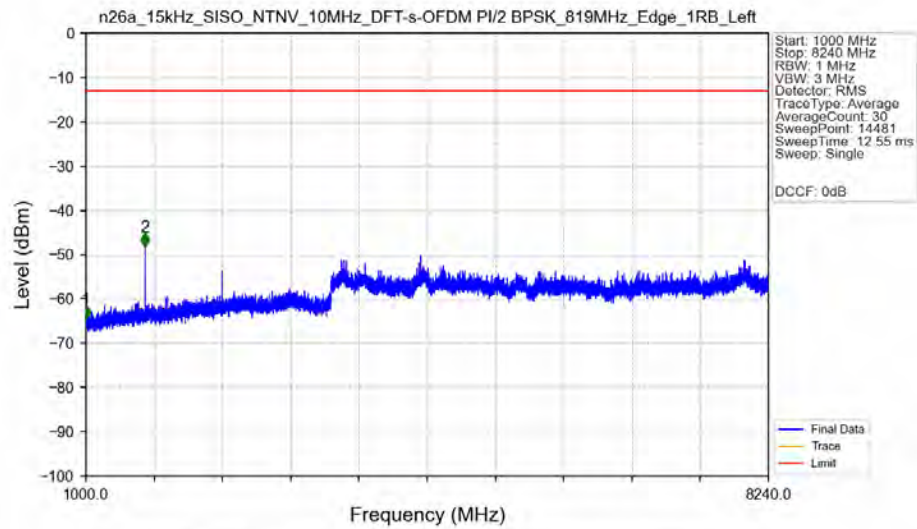
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.924    | -48.64      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.911    | -32.86      | -13         | Pass   |
| 813.963     | 814        | 0.003     | /      | 3          | 813.994    | -38.77      | -20         | Pass   |
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



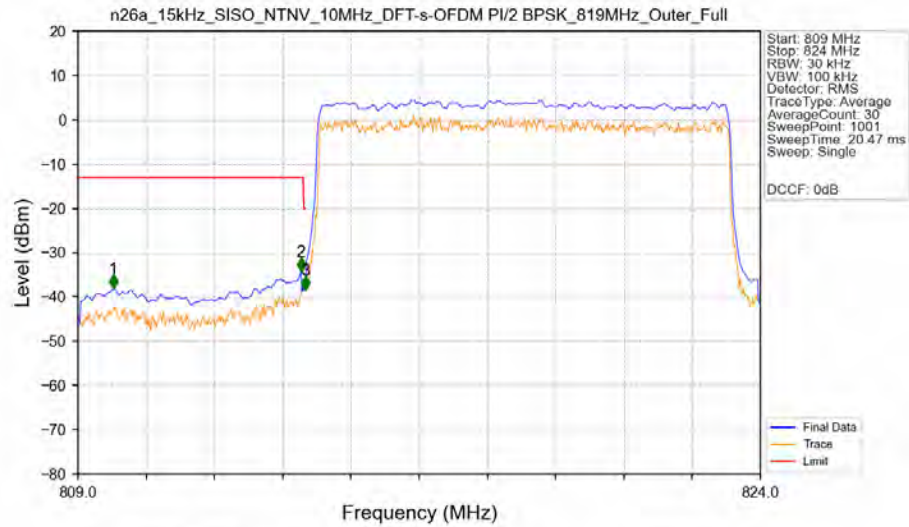
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 813        | 0.1       | /      | 1          | 808.800    | -61.86      | -13         | Pass   |
| 813         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 829.050    | -41.56      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



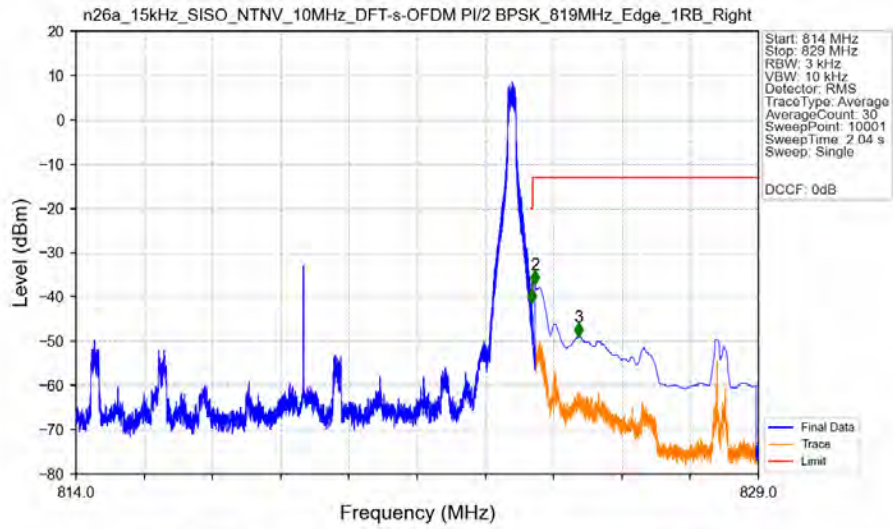
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -64.49      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1629.000   | -48.17      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Outer\_Full\_Ant13



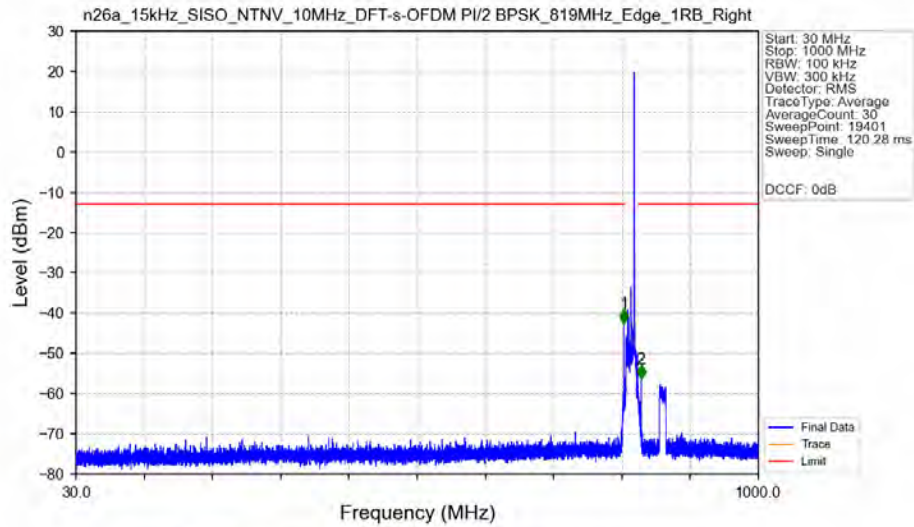
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 809.780    | -38.11      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.905    | -34.24      | -13         | Pass   |
| 813.963     | 814        | 0.09737   | CHP    | 3          | 813.995    | -38.34      | -20         | Pass   |
| 814         | 824        | 0.09737   | CHP    | /          | /          | /           | /           | /      |

n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Right Ant13



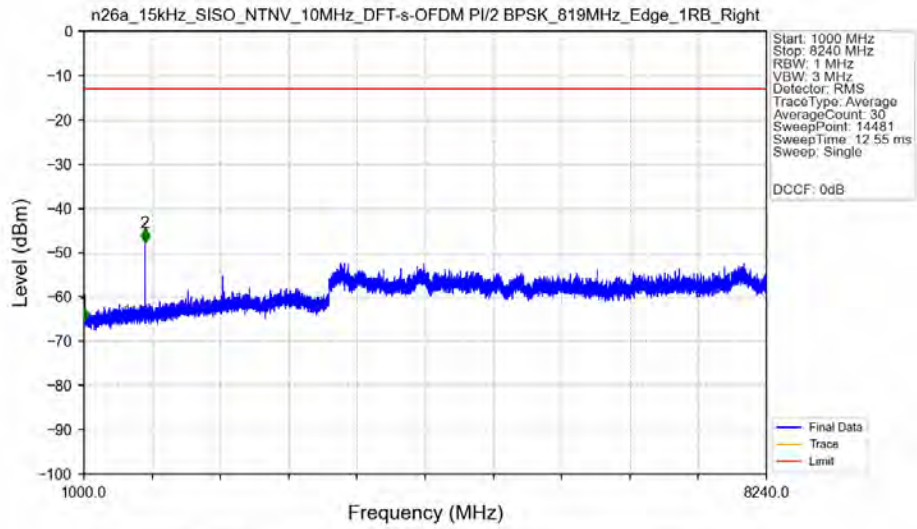
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.017    | -41.31      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -37.20      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.049    | -48.91      | -13         | Pass   |

n26a 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Right Ant13



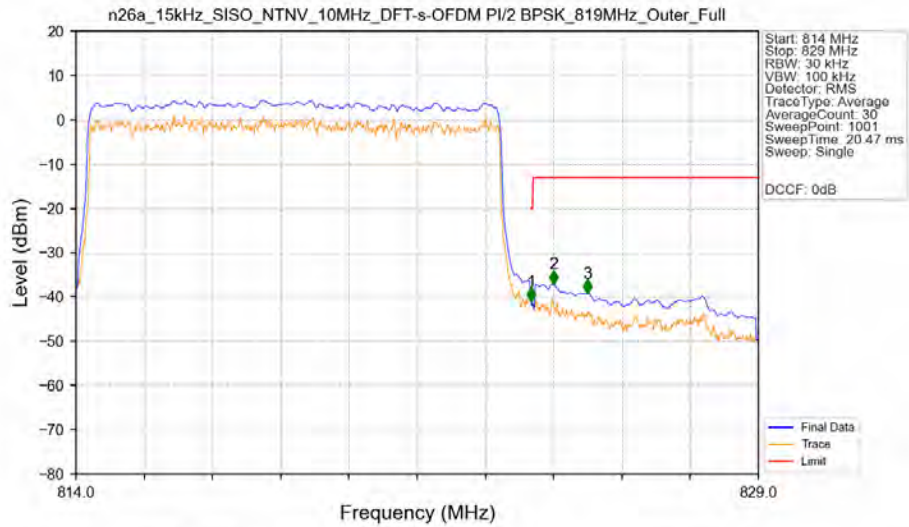
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 808.950    | -42.56      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 833.350    | -56.37      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



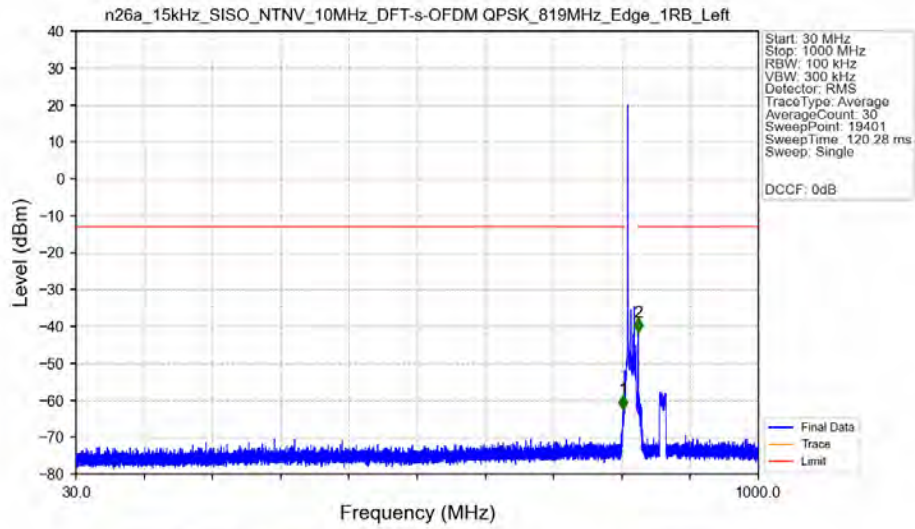
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.51      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.000   | -47.69      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_819MHz\_Outer\_Full\_Ant13

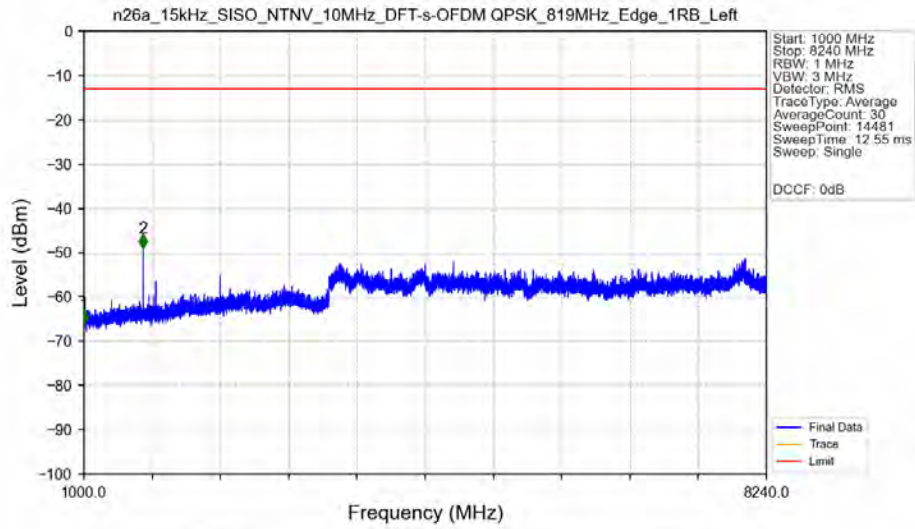


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.097     | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.097     | CHP    | 1          | 824.005    | -41.03      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.500    | -37.05      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.235    | -39.14      | -13         | Pass   |

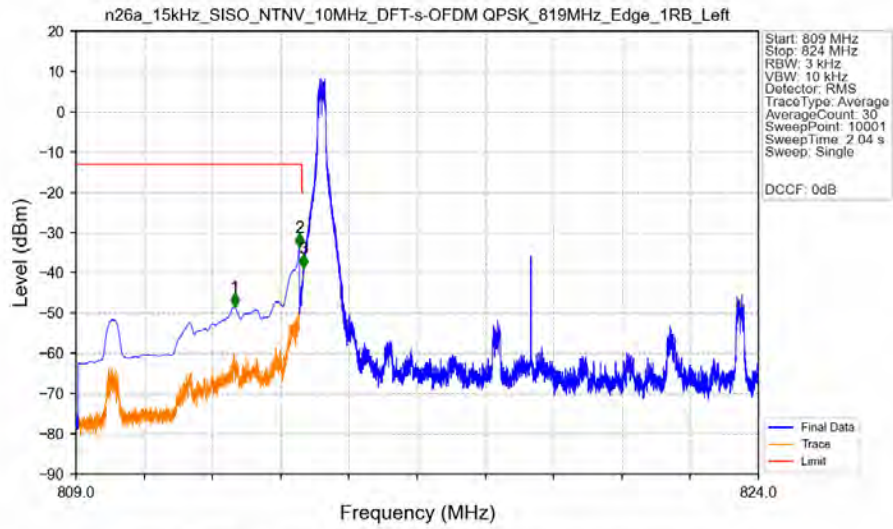
n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13

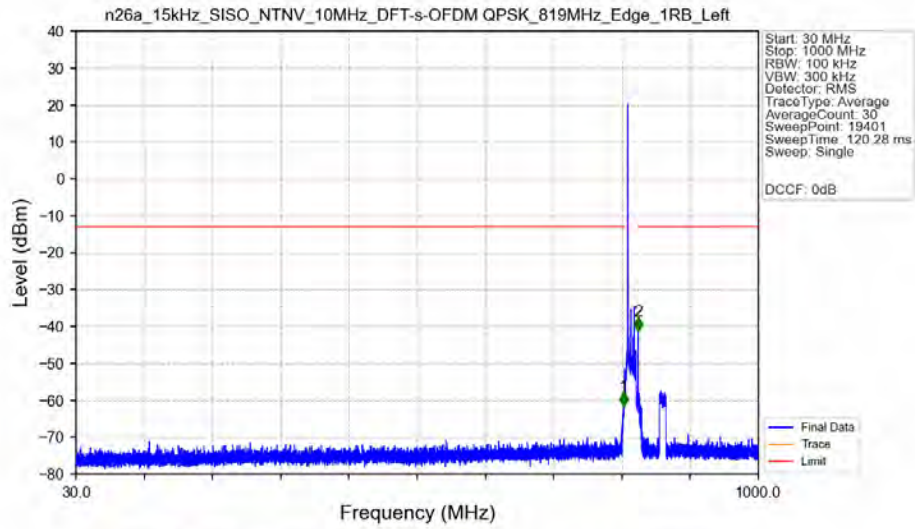


n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



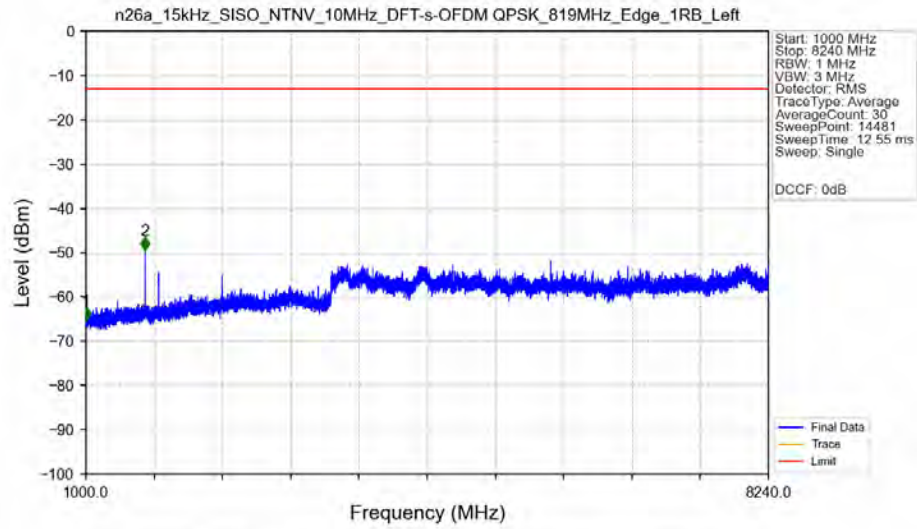
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.494    | -48.41      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.911    | -33.65      | -13         | Pass   |
| 813.963     | 814        | 0.003     | /      | 3          | 814.000    | -38.92      | -20         | Pass   |
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



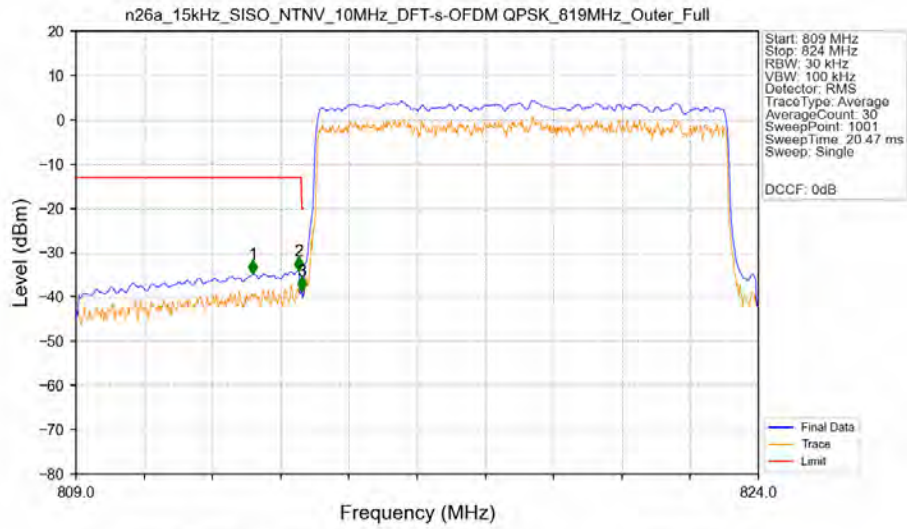
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 813        | 0.1       | /      | 1          | 808.400    | -61.59      | -13         | Pass   |
| 813         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 829.050    | -41.35      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



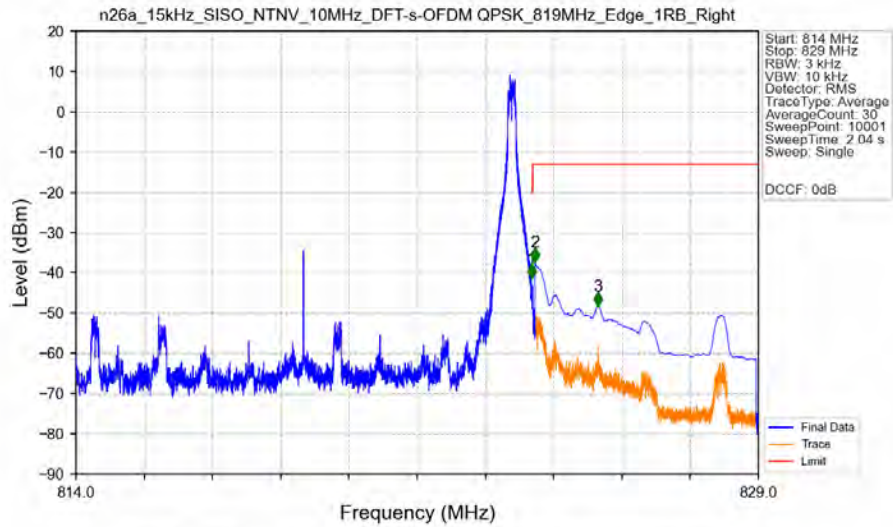
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.40      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1628.500   | -49.46      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13



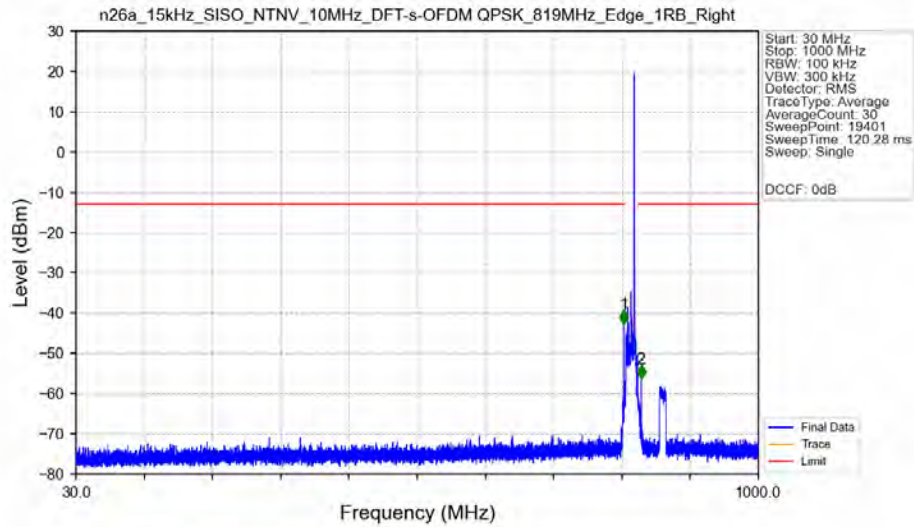
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.885    | -34.84      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.890    | -34.01      | -13         | Pass   |
| 813.963     | 814        | 0.09737   | CHP    | 3          | 813.965    | -38.66      | -20         | Pass   |
| 814         | 824        | 0.09737   | CHP    | /          | /          | /           | /           | /      |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



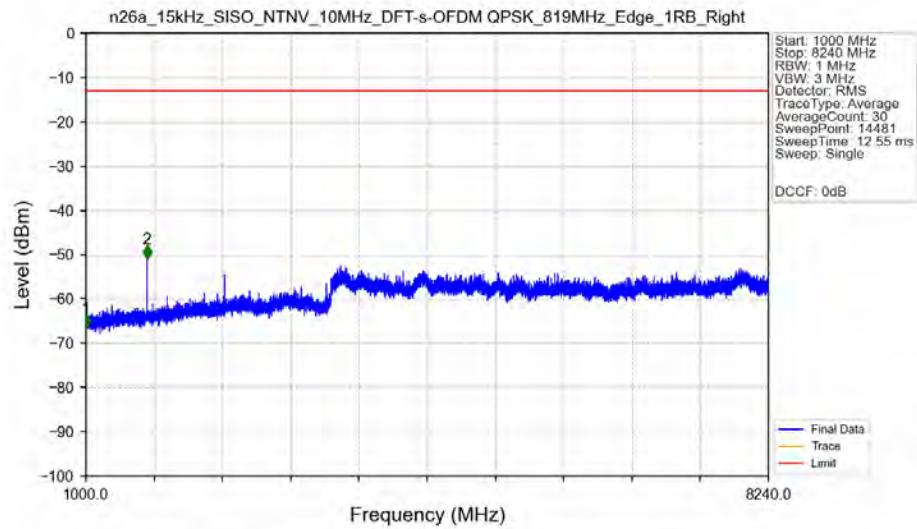
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.010    | -41.22      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -37.15      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.469    | -48.30      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



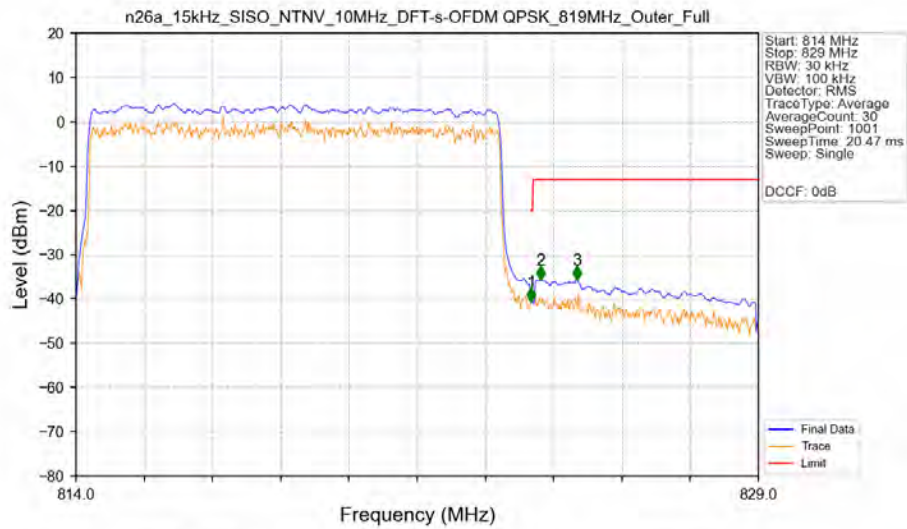
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 808.950    | -42.74      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 833.350    | -56.25      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



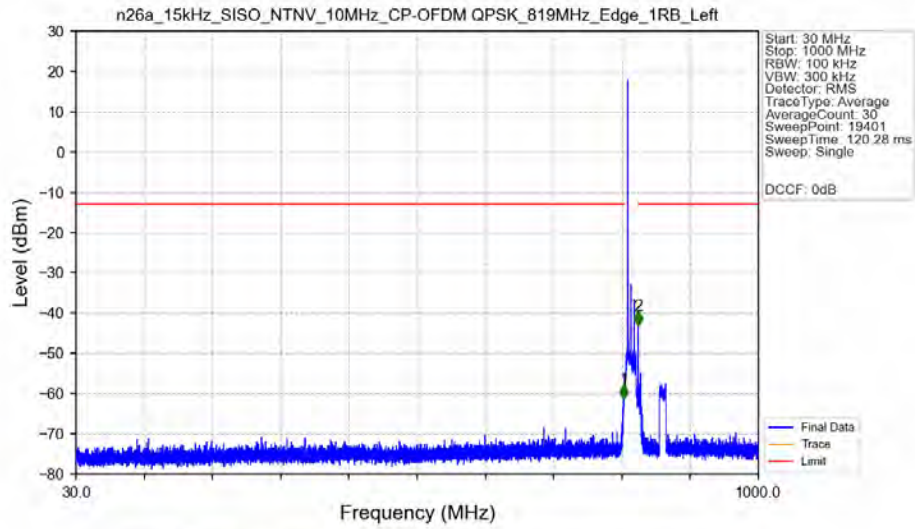
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -66.55      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.500   | -50.99      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13

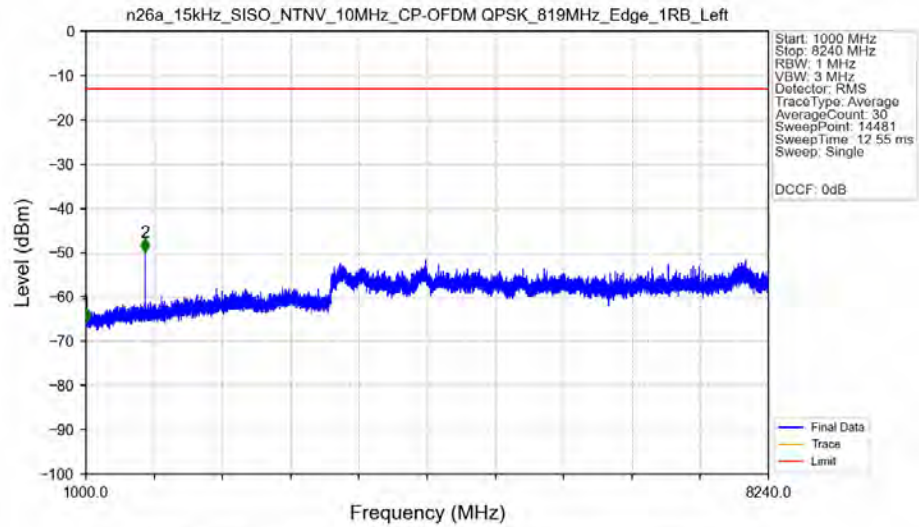


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.097     | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.097     | CHP    | 1          | 824.005    | -40.57      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.215    | -35.61      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.010    | -35.75      | -13         | Pass   |

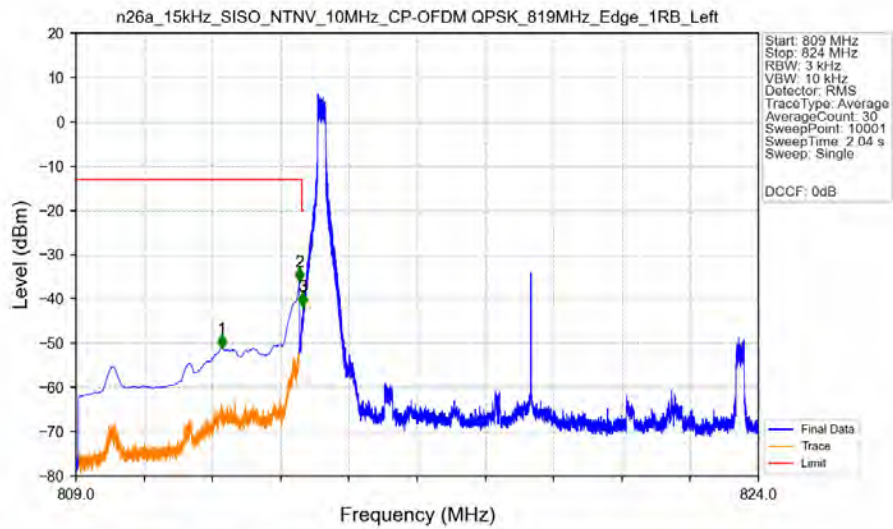
n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13

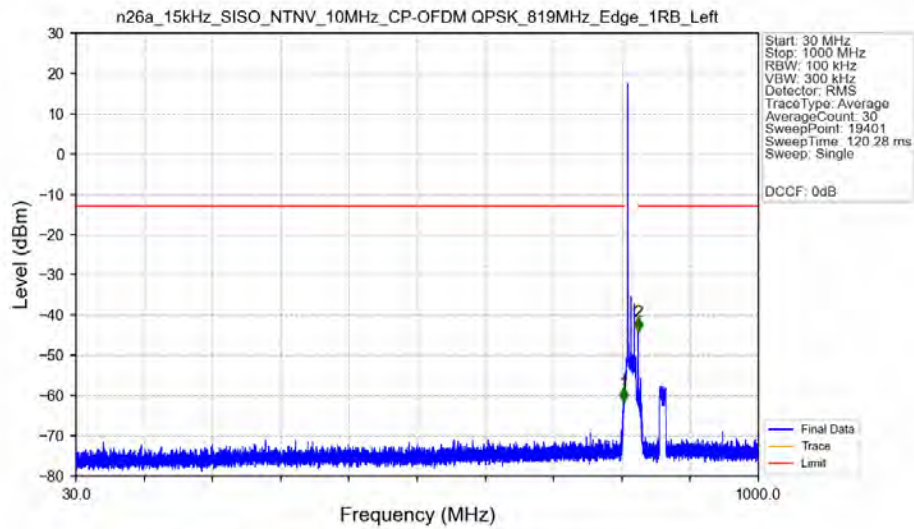


n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



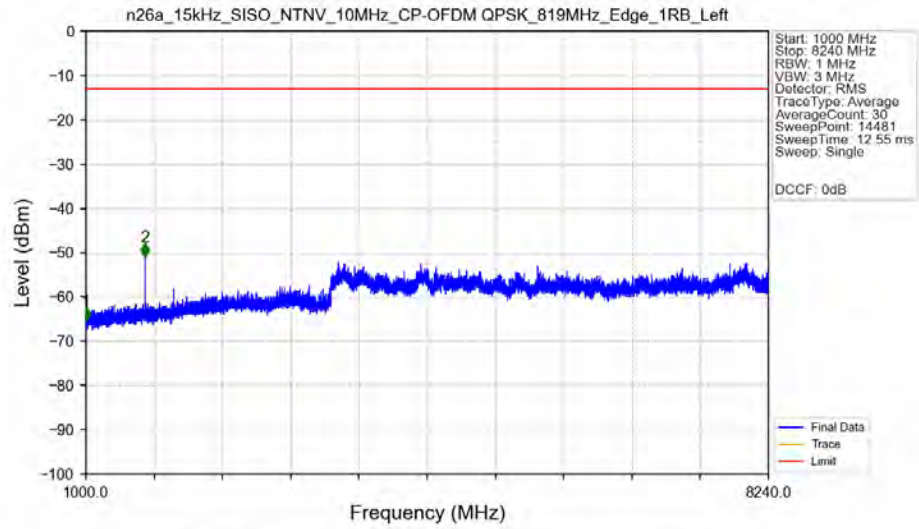
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.204    | -51.17      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.911    | -36.10      | -13         | Pass   |
| 813.963     | 814        | 0.003     | /      | 3          | 813.990    | -41.77      | -20         | Pass   |
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



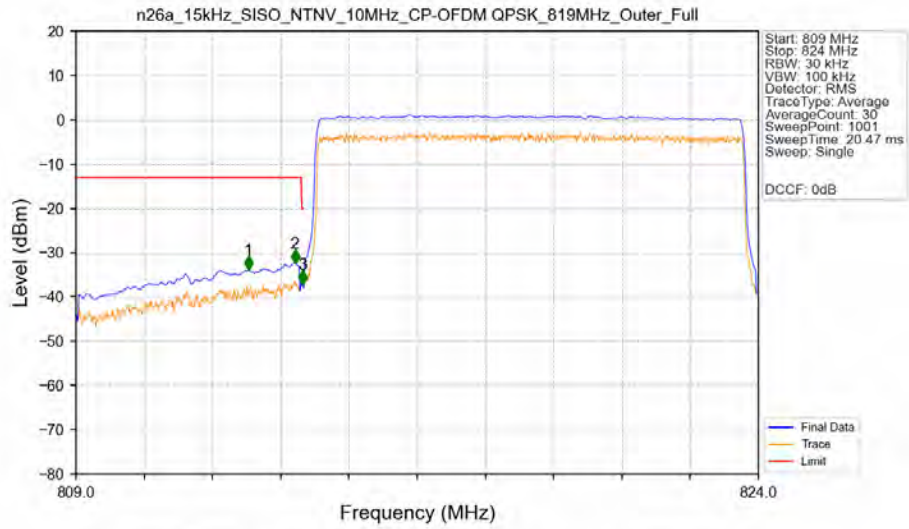
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 813        | 0.1       | /      | 1          | 808.650    | -61.55      | -13         | Pass   |
| 813         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 829.050    | -44.12      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Left\_Ant13



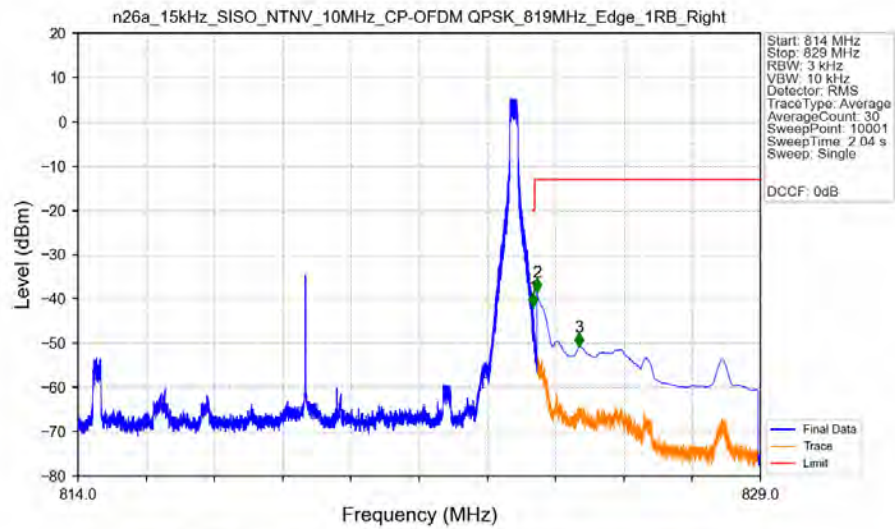
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.42      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1629.000   | -50.90      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13



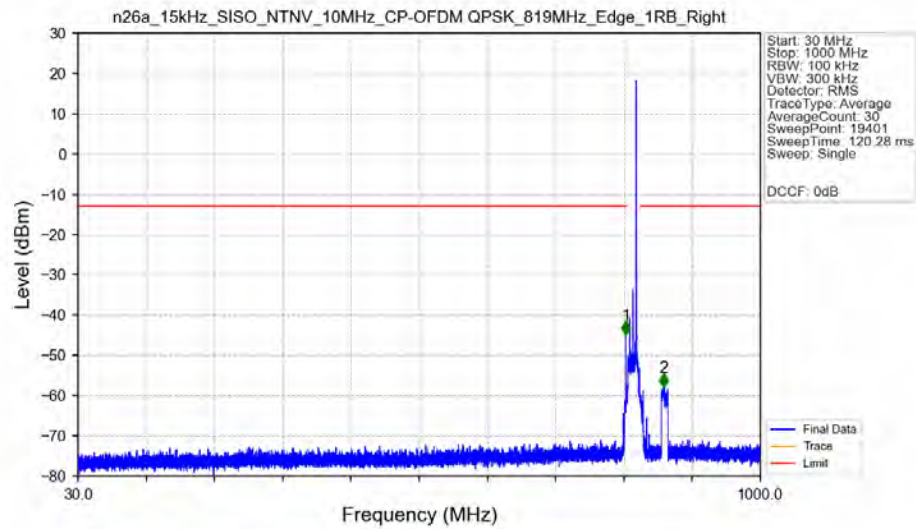
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 809         | 813        | 0.1       | CHP    | 1          | 812.795    | -33.85      | -13         | Pass   |
| 813         | 813.963    | 0.1       | CHP    | 2          | 813.815    | -32.38      | -13         | Pass   |
| 813.963     | 814        | 0.097     | CHP    | 3          | 813.980    | -37.11      | -20         | Pass   |
| 814         | 824        | 0.097     | CHP    | /          | /          | /           | /           | /      |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



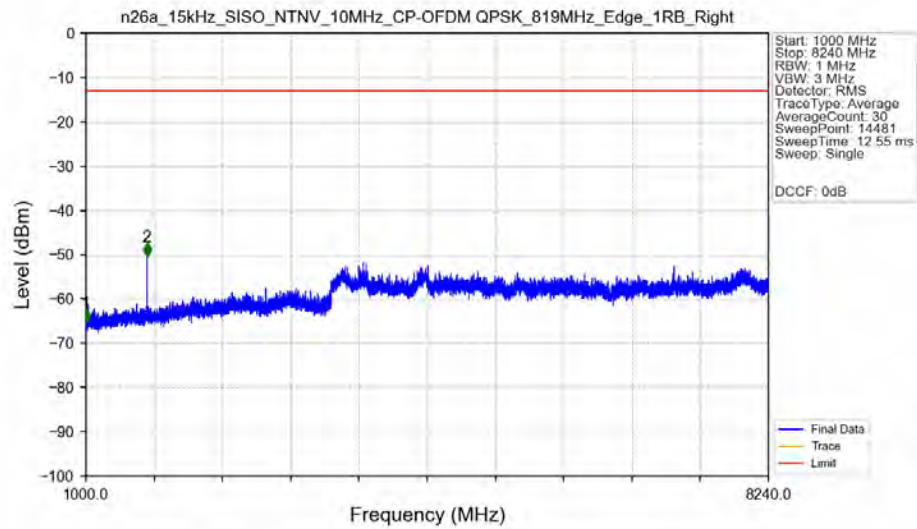
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.003     | /      | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.003     | /      | 1          | 824.006    | -41.78      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.089    | -38.34      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.018    | -50.86      | -13         | Pass   |

n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



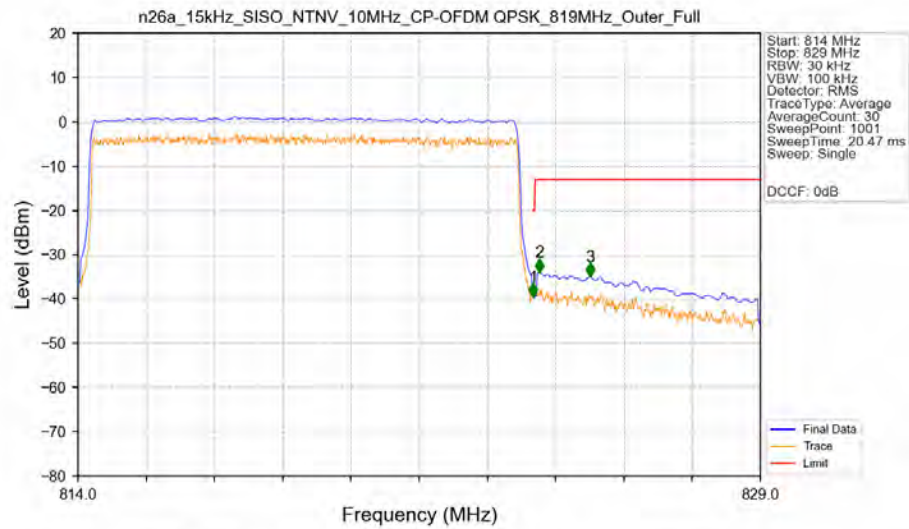
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 814        | 0.1       | /      | 1          | 808.950    | -44.95      | -13         | Pass   |
| 814         | 829        | 0.1       | /      | /          | /          | /           | /           | /      |
| 829         | 1000       | 0.1       | /      | 2          | 862.850    | -57.95      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Edge\_1RB\_Right\_Ant13



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 1000       | 1         | /      | 1          | 1000.000   | -65.27      | -13         | Pass   |
| 1000        | 8240       | 1         | /      | 2          | 1647.000   | -50.34      | -13         | Pass   |

# n26a\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_819MHz\_Outer\_Full\_Ant13



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 824        | 0.09737   | CHP    | /          | /          | /           | /           | /      |
| 824         | 824.038    | 0.09737   | CHP    | 1          | 824.005    | -39.46      | -20         | Pass   |
| 824.038     | 825        | 0.1       | CHP    | 2          | 824.140    | -33.95      | -13         | Pass   |
| 825         | 829        | 0.1       | CHP    | 3          | 825.265    | -34.93      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

| NR N26a(814-824MHz) ANT13-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#1 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 1629.0                                                                             | -58.74     | -13         | -45.74          | -61.67           | 2.62            | 5.55               | Horizontal         | Pass   |
| 2443.5                                                                             | -64.99     | -13         | -51.99          | -67.63           | 3.04            | 5.68               | Horizontal         | Pass   |
| 3258.0                                                                             | -67.16     | -13         | -54.16          | -71.44           | 3.28            | 7.56               | Horizontal         | Pass   |
| 1629.0                                                                             | -57.66     | -13         | -44.66          | -60.59           | 2.62            | 5.55               | Vertical           | Pass   |
| 2443.5                                                                             | -64.35     | -13         | -51.35          | -66.99           | 3.04            | 5.68               | Vertical           | Pass   |
| 3258.0                                                                             | -66.87     | -13         | -53.87          | -71.15           | 3.28            | 7.56               | Vertical           | Pass   |

| NSA_7A_n26A 814-824-Middle channel |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3258.0                             | -66.95     | -13         | -53.95          | -71.23           | 3.28            | 7.56               | Horizontal         | Pass   |
| 4072.5                             | -65.37     | -13         | -52.37          | -70.38           | 3.91            | 8.92               | Horizontal         | Pass   |
| 4887.0                             | -63.92     | -13         | -50.92          | -69.37           | 4.52            | 9.97               | Horizontal         | Pass   |
| 3258.0                             | -66.72     | -13         | -53.72          | -71.0            | 3.28            | 7.56               | Vertical           | Pass   |
| 4072.5                             | -65.7      | -13         | -52.7           | -70.71           | 3.91            | 8.92               | Vertical           | Pass   |
| 4887.0                             | -63.58     | -13         | -50.58          | -69.03           | 4.52            | 9.97               | Vertical           | Pass   |