

## Appendix B NR Band n5

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

#### 1.1 Test Result

##### 1.1.1 15\_S\_5M\_NTNV\_ERP

| 5G NR n5 SCS=15kHz SISO 5MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|----------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                  |                 |                 | Ant1                 | Ant2 | Sum | Ant1     | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK             | 826.5           | Edge_1RB_Left   | 24.32                | /    | /   | 19.67    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 24.34                | /    | /   | 19.69    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 24.36                | /    | /   | 19.71    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 24.76                | /    | /   | 20.11    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 24.92                | /    | /   | 20.27    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 24.71                | /    | /   | 20.06    | /    | /   | <=38.45 | Pass    |
|                                  | 836.5           | Edge_1RB_Left   | 21.79                | /    | /   | 17.14    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 21.68                | /    | /   | 17.03    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 21.81                | /    | /   | 17.16    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 23.10                | /    | /   | 18.45    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 23.25                | /    | /   | 18.60    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 23.33                | /    | /   | 18.68    | /    | /   | <=38.45 | Pass    |
|                                  | 846.5           | Edge_1RB_Left   | 21.89                | /    | /   | 17.24    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 21.88                | /    | /   | 17.23    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 21.91                | /    | /   | 17.27    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 23.28                | /    | /   | 18.63    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 23.52                | /    | /   | 18.87    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 23.31                | /    | /   | 18.66    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                  | 826.5           | Edge_1RB_Left   | 23.80                | /    | /   | 19.15    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 23.79                | /    | /   | 19.14    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 23.74                | /    | /   | 19.09    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 24.62                | /    | /   | 19.97    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 24.90                | /    | /   | 20.25    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 24.85                | /    | /   | 20.20    | /    | /   | <=38.45 | Pass    |
|                                  | 836.5           | Edge_1RB_Left   | 23.77                | /    | /   | 19.12    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 23.72                | /    | /   | 19.07    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 23.83                | /    | /   | 19.18    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 24.63                | /    | /   | 19.98    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 24.80                | /    | /   | 20.15    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 24.95                | /    | /   | 20.30    | /    | /   | <=38.45 | Pass    |
|                                  | 846.5           | Edge_1RB_Left   | 23.85                | /    | /   | 19.20    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 23.80                | /    | /   | 19.15    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 23.82                | /    | /   | 19.17    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 24.78                | /    | /   | 20.13    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 25.02                | /    | /   | 20.37    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 24.95                | /    | /   | 20.30    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM 16 QAM                | 826.5           | Edge_1RB_Left   | 22.90                | /    | /   | 18.25    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 22.79                | /    | /   | 18.14    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 22.67                | /    | /   | 18.02    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 23.61                | /    | /   | 18.96    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Left  | 23.99                | /    | /   | 19.34    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_1RB_Right | 23.91                | /    | /   | 19.26    | /    | /   | <=38.45 | Pass    |
|                                  | 836.5           | Edge_1RB_Left   | 22.81                | /    | /   | 18.16    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Edge_1RB_Right  | 22.96                | /    | /   | 18.31    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Outer_Full      | 22.70                | /    | /   | 18.05    | /    | /   | <=38.45 | Pass    |
|                                  |                 | Inner_Full      | 23.68                | /    | /   | 19.03    | /    | /   | <=38.45 | Pass    |

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|-------------------|-----------------|--------------------|-----------------|----------------|-------|-------|-------|-------|---------|---------|---------|------|
|                   |                 | Inner_1RB_Left     | 23.91           | /              | /     | 19.26 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Right    | 23.99           | /              | /     | 19.34 | /     | /     | <=38.45 | Pass    |         |      |
|                   | 846.5           | Edge_1RB_Left      | 22.82           | /              | /     | 18.17 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Edge_1RB_Right     | 22.72           | /              | /     | 18.07 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Outer_Full         | 22.76           | /              | /     | 18.11 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_Full         | 23.75           | /              | /     | 19.10 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Left     | 24.08           | /              | /     | 19.43 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Right    | 24.00           | /              | /     | 19.35 | /     | /     | <=38.45 | Pass    |         |      |
| DFT-s-OFDM 64 QAM | 826.5           | Edge_1RB_Left      | 22.30           | /              | /     | 17.65 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Edge_1RB_Right     | 22.18           | /              | /     | 17.53 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Outer_Full         | 22.17           | /              | /     | 17.52 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_Full         | 22.15           | /              | /     | 17.50 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Left     | 22.44           | /              | /     | 17.79 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Right    | 22.37           | /              | /     | 17.72 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | 836.5              | Edge_1RB_Left   | 22.36          | /     | /     | 17.71 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Edge_1RB_Right  | 22.30          | /     | /     | 17.65 | /     | /       | <=38.45 | Pass    |      |
|                   | Outer_Full      |                    | 22.25           | /              | /     | 17.60 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_Full      |                    | 22.14           | /              | /     | 17.49 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Left  |                    | 22.44           | /              | /     | 17.79 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Right |                    | 22.41           | /              | /     | 17.76 | /     | /     | <=38.45 | Pass    |         |      |
|                   | 846.5           |                    | Edge_1RB_Left   | 22.48          | /     | /     | 17.83 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Edge_1RB_Right  | 21.95          | /     | /     | 17.30 | /     | /       | <=38.45 | Pass    |      |
|                   |                 | Outer_Full         | 22.28           | /              | /     | 17.63 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_Full         | 22.20           | /              | /     | 17.55 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Left     | 22.53           | /              | /     | 17.88 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Right    | 22.43           | /              | /     | 17.78 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | DFT-s-OFDM 256 QAM | 826.5           | Edge_1RB_Left  | 20.12 | /     | /     | 15.47 | /       | /       | <=38.45 | Pass |
|                   |                 |                    |                 | Edge_1RB_Right | 20.19 | /     | /     | 15.54 | /       | /       | <=38.45 | Pass |
|                   | Outer_Full      |                    |                 | 20.14          | /     | /     | 15.49 | /     | /       | <=38.45 | Pass    |      |
|                   | Inner_Full      |                    |                 | 20.18          | /     | /     | 15.53 | /     | /       | <=38.45 | Pass    |      |
|                   | Inner_1RB_Left  |                    |                 | 20.14          | /     | /     | 15.49 | /     | /       | <=38.45 | Pass    |      |
|                   | Inner_1RB_Right |                    |                 | 20.29          | /     | /     | 15.64 | /     | /       | <=38.45 | Pass    |      |
| 836.5             | Edge_1RB_Left   |                    | 20.18           | /              | /     | 15.53 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Edge_1RB_Right  |                    | 20.34           | /              | /     | 15.69 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Outer_Full      |                    | 20.23           | /              | /     | 15.58 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_Full      |                    | 20.14           | /              | /     | 15.49 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Left  |                    | 20.26           | /              | /     | 15.61 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Right |                    | 20.36           | /              | /     | 15.71 | /     | /     | <=38.45 | Pass    |         |      |
| 846.5             | Edge_1RB_Left   |                    | 20.29           | /              | /     | 15.64 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Edge_1RB_Right  |                    | 20.31           | /              | /     | 15.66 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Outer_Full      |                    | 20.26           | /              | /     | 15.61 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_Full      |                    | 20.23           | /              | /     | 15.58 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Left  |                    | 20.43           | /              | /     | 15.78 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Right |                    | 20.29           | /              | /     | 15.64 | /     | /     | <=38.45 | Pass    |         |      |
| CP-OFDM QPSK      | 826.5           |                    | Edge_1RB_Left   | 21.71          | /     | /     | 17.06 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Edge_1RB_Right  | 21.76          | /     | /     | 17.11 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Outer_Full      | 21.78          | /     | /     | 17.13 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Inner_Full      | 23.05          | /     | /     | 18.40 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Inner_1RB_Left  | 23.36          | /     | /     | 18.71 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Inner_1RB_Right | 23.44          | /     | /     | 18.79 | /     | /       | <=38.45 | Pass    |      |
|                   |                 | 836.5              | Edge_1RB_Left   | 21.64          | /     | /     | 16.99 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Edge_1RB_Right  | 21.74          | /     | /     | 17.09 | /     | /       | <=38.45 | Pass    |      |
|                   | Outer_Full      |                    | 21.85           | /              | /     | 17.20 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_Full      |                    | 23.11           | /              | /     | 18.46 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Left  |                    | 23.32           | /              | /     | 18.67 | /     | /     | <=38.45 | Pass    |         |      |
|                   | Inner_1RB_Right |                    | 23.41           | /              | /     | 18.76 | /     | /     | <=38.45 | Pass    |         |      |
|                   | 846.5           |                    | Edge_1RB_Left   | 21.74          | /     | /     | 17.09 | /     | /       | <=38.45 | Pass    |      |
|                   |                 |                    | Edge_1RB_Right  | 21.74          | /     | /     | 17.09 | /     | /       | <=38.45 | Pass    |      |
|                   |                 | Outer_Full         | 21.87           | /              | /     | 17.22 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_Full         | 23.20           | /              | /     | 18.55 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Left     | 23.38           | /              | /     | 18.73 | /     | /     | <=38.45 | Pass    |         |      |
|                   |                 | Inner_1RB_Right    | 23.53           | /              | /     | 18.88 | /     | /     | <=38.45 | Pass    |         |      |



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|                 |       |                 |       |   |   |       |   |   |         |      |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM 16 QAM  | 826.5 | Edge_1RB_Left   | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.85 | / | / | 17.20 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.82 | / | / | 17.17 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 23.24 | / | / | 18.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 23.06 | / | / | 18.41 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.05 | / | / | 18.40 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 21.93 | / | / | 17.28 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 22.07 | / | / | 17.42 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.73 | / | / | 18.08 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.98 | / | / | 18.33 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.18 | / | / | 18.53 | / | / | <=38.45 | Pass |
|                 | 846.5 | Edge_1RB_Left   | 21.90 | / | / | 17.25 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 22.16 | / | / | 17.51 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.78 | / | / | 17.13 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.86 | / | / | 18.21 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 23.18 | / | / | 18.53 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.11 | / | / | 18.46 | / | / | <=38.45 | Pass |
| CP-OFDM 64 QAM  | 826.5 | Edge_1RB_Left   | 21.34 | / | / | 16.69 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.35 | / | / | 16.70 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.20 | / | / | 16.55 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.25 | / | / | 16.60 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.41 | / | / | 16.76 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.59 | / | / | 16.94 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 21.30 | / | / | 16.65 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.08 | / | / | 16.43 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.35 | / | / | 16.70 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.24 | / | / | 16.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.28 | / | / | 16.63 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.26 | / | / | 16.61 | / | / | <=38.45 | Pass |
|                 | 846.5 | Edge_1RB_Left   | 21.44 | / | / | 16.79 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.45 | / | / | 16.80 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.40 | / | / | 16.75 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.37 | / | / | 16.72 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.63 | / | / | 16.98 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.61 | / | / | 16.96 | / | / | <=38.45 | Pass |
| CP-OFDM 256 QAM | 826.5 | Edge_1RB_Left   | 18.14 | / | / | 13.49 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.18 | / | / | 13.53 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.16 | / | / | 13.51 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.23 | / | / | 13.58 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.22 | / | / | 13.57 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.32 | / | / | 13.67 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 18.23 | / | / | 13.58 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.31 | / | / | 13.66 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.25 | / | / | 13.60 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.20 | / | / | 13.55 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.30 | / | / | 13.65 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.40 | / | / | 13.75 | / | / | <=38.45 | Pass |
|                 | 846.5 | Edge_1RB_Left   | 18.32 | / | / | 13.68 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.37 | / | / | 13.72 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.25 | / | / | 13.60 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.36 | / | / | 13.71 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.35 | / | / | 13.70 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.41 | / | / | 13.76 | / | / | <=38.45 | Pass |

Note1: Antenna Gain: Ant1: -2.50dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 15\_S\_10M\_NTNV\_ERP

| 5G NR n5 SCS=15kHz SISO 10MHz NTN |                 |               |                      |      |     |          |      |     |       |         |
|-----------------------------------|-----------------|---------------|----------------------|------|-----|----------|------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |       | Verdict |
|                                   |                 |               | Ant1                 | Ant2 | Sum | Ant1     | Ant2 | Sum | Limit |         |

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|                      |       |                 |       |   |   |       |   |   |         |      |
|----------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| DFT-s-OFDM PI/2 BPSK | 829   | Edge_1RB_Left   | 21.81 | / | / | 17.16 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 21.93 | / | / | 17.28 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 21.79 | / | / | 17.14 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.18 | / | / | 18.53 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 23.43 | / | / | 18.79 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 23.25 | / | / | 18.60 | / | / | <=38.45 | Pass |
|                      | 836.5 | Edge_1RB_Left   | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 21.93 | / | / | 17.28 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 21.79 | / | / | 17.14 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.25 | / | / | 18.60 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 23.44 | / | / | 18.79 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 23.44 | / | / | 18.79 | / | / | <=38.45 | Pass |
|                      | 844   | Edge_1RB_Left   | 21.92 | / | / | 17.27 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 22.02 | / | / | 17.37 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 21.88 | / | / | 17.23 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.28 | / | / | 18.63 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 23.45 | / | / | 18.80 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 23.50 | / | / | 18.85 | / | / | <=38.45 | Pass |
| DFT-s-OFDM QPSK      | 829   | Edge_1RB_Left   | 23.73 | / | / | 19.08 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 23.77 | / | / | 19.12 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 23.80 | / | / | 19.15 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 24.80 | / | / | 20.15 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 24.88 | / | / | 20.23 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 24.92 | / | / | 20.27 | / | / | <=38.45 | Pass |
|                      | 836.5 | Edge_1RB_Left   | 23.86 | / | / | 19.21 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 23.91 | / | / | 19.26 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 23.80 | / | / | 19.15 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 24.80 | / | / | 20.15 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 24.94 | / | / | 20.29 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 24.98 | / | / | 20.33 | / | / | <=38.45 | Pass |
|                      | 844   | Edge_1RB_Left   | 23.79 | / | / | 19.14 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 23.79 | / | / | 19.14 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 23.89 | / | / | 19.24 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 24.86 | / | / | 20.22 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 24.85 | / | / | 20.20 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 24.87 | / | / | 20.22 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 16 QAM    | 829   | Edge_1RB_Left   | 22.83 | / | / | 18.18 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 22.98 | / | / | 18.33 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 22.73 | / | / | 18.08 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.73 | / | / | 19.08 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 23.98 | / | / | 19.33 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 23.99 | / | / | 19.34 | / | / | <=38.45 | Pass |
|                      | 836.5 | Edge_1RB_Left   | 22.96 | / | / | 18.32 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 23.06 | / | / | 18.41 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 22.84 | / | / | 18.19 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.70 | / | / | 19.05 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 24.02 | / | / | 19.37 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 24.08 | / | / | 19.43 | / | / | <=38.45 | Pass |
|                      | 844   | Edge_1RB_Left   | 22.87 | / | / | 18.22 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 22.95 | / | / | 18.30 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 22.81 | / | / | 18.16 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 23.84 | / | / | 19.19 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 24.03 | / | / | 19.38 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 24.11 | / | / | 19.46 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 64 QAM    | 829   | Edge_1RB_Left   | 22.43 | / | / | 17.79 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 22.32 | / | / | 17.67 | / | / | <=38.45 | Pass |
|                      |       | Outer_Full      | 22.22 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                      |       | Inner_Full      | 22.24 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Left  | 22.39 | / | / | 17.74 | / | / | <=38.45 | Pass |
|                      |       | Inner_1RB_Right | 22.49 | / | / | 17.84 | / | / | <=38.45 | Pass |
|                      | 836.5 | Edge_1RB_Left   | 22.44 | / | / | 17.79 | / | / | <=38.45 | Pass |
|                      |       | Edge_1RB_Right  | 22.42 | / | / | 17.77 | / | / | <=38.45 | Pass |

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|                    |       |                 |       |   |   |       |   |   |         |      |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |       | Outer_Full      | 22.20 | / | / | 17.55 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.21 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.49 | / | / | 17.84 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.51 | / | / | 17.86 | / | / | <=38.45 | Pass |
|                    | 844   | Edge_1RB_Left   | 22.47 | / | / | 17.82 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.02 | / | / | 17.37 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.28 | / | / | 17.63 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.22 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.45 | / | / | 17.80 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.49 | / | / | 17.84 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 829   | Edge_1RB_Left   | 20.19 | / | / | 15.54 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.25 | / | / | 15.60 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.28 | / | / | 15.63 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.19 | / | / | 15.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.33 | / | / | 15.68 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.37 | / | / | 15.72 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 20.25 | / | / | 15.60 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.31 | / | / | 15.66 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.35 | / | / | 15.70 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.24 | / | / | 15.59 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.22 | / | / | 15.57 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.41 | / | / | 15.76 | / | / | <=38.45 | Pass |
|                    | 844   | Edge_1RB_Left   | 20.27 | / | / | 15.62 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.27 | / | / | 15.62 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.36 | / | / | 15.71 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.23 | / | / | 15.58 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.32 | / | / | 15.67 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.38 | / | / | 15.73 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 829   | Edge_1RB_Left   | 21.80 | / | / | 17.15 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.84 | / | / | 17.19 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.82 | / | / | 17.17 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.19 | / | / | 18.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.43 | / | / | 18.78 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.41 | / | / | 18.76 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 21.76 | / | / | 17.11 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.80 | / | / | 17.16 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.85 | / | / | 17.20 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.24 | / | / | 18.59 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.45 | / | / | 18.80 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.41 | / | / | 18.76 | / | / | <=38.45 | Pass |
|                    | 844   | Edge_1RB_Left   | 21.81 | / | / | 17.16 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.93 | / | / | 17.29 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.81 | / | / | 17.16 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.36 | / | / | 18.71 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.39 | / | / | 18.74 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.40 | / | / | 18.75 | / | / | <=38.45 | Pass |
| CP-OFDM 16 QAM     | 829   | Edge_1RB_Left   | 21.99 | / | / | 17.34 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.06 | / | / | 17.41 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.84 | / | / | 17.19 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.66 | / | / | 18.01 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.04 | / | / | 18.39 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.05 | / | / | 18.40 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 21.98 | / | / | 17.33 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.13 | / | / | 17.48 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.85 | / | / | 17.20 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.72 | / | / | 18.07 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.04 | / | / | 18.39 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.16 | / | / | 18.51 | / | / | <=38.45 | Pass |
|                    | 844   | Edge_1RB_Left   | 21.98 | / | / | 17.33 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.96 | / | / | 17.31 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.79 | / | / | 18.14 | / | / | <=38.45 | Pass |

|                                                                                      |                 |                 |                |       |   |       |       |   |         |         |      |
|--------------------------------------------------------------------------------------|-----------------|-----------------|----------------|-------|---|-------|-------|---|---------|---------|------|
|                                                                                      |                 | Inner_1RB_Left  | 22.98          | /     | / | 18.33 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 23.04          | /     | / | 18.39 | /     | / | <=38.45 | Pass    |      |
| CP-OFDM 64 QAM                                                                       | 829             | Edge_1RB_Left   | 21.45          | /     | / | 16.80 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Edge_1RB_Right  | 21.46          | /     | / | 16.82 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Outer_Full      | 21.34          | /     | / | 16.69 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_Full      | 21.21          | /     | / | 16.56 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Left  | 21.52          | /     | / | 16.87 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 21.50          | /     | / | 16.85 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | 836.5           | Edge_1RB_Left  | 21.36 | / | /     | 16.71 | / | /       | <=38.45 | Pass |
|                                                                                      |                 |                 | Edge_1RB_Right | 21.51 | / | /     | 16.86 | / | /       | <=38.45 | Pass |
|                                                                                      | Outer_Full      |                 | 21.28          | /     | / | 16.63 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | Inner_Full      |                 | 21.22          | /     | / | 16.57 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | Inner_1RB_Left  |                 | 21.54          | /     | / | 16.89 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | Inner_1RB_Right |                 | 21.58          | /     | / | 16.93 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | 844             | Edge_1RB_Left   | 21.37          | /     | / | 16.72 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Edge_1RB_Right  | 21.46          | /     | / | 16.81 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Outer_Full      | 21.37          | /     | / | 16.72 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_Full      | 21.38          | /     | / | 16.73 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Left  | 21.45          | /     | / | 16.80 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 21.64          | /     | / | 16.99 | /     | / | <=38.45 | Pass    |      |
| CP-OFDM 256 QAM                                                                      | 829             | Edge_1RB_Left   | 18.42          | /     | / | 13.77 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Edge_1RB_Right  | 18.32          | /     | / | 13.67 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Outer_Full      | 18.20          | /     | / | 13.55 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_Full      | 18.31          | /     | / | 13.66 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Left  | 18.14          | /     | / | 13.50 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 18.57          | /     | / | 13.92 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | 836.5           | Edge_1RB_Left   | 18.23          | /     | / | 13.58 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Edge_1RB_Right  | 18.30          | /     | / | 13.65 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Outer_Full      | 18.24          | /     | / | 13.59 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_Full      | 18.23          | /     | / | 13.58 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Left  | 18.30          | /     | / | 13.65 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 18.38          | /     | / | 13.73 | /     | / | <=38.45 | Pass    |      |
|                                                                                      | 844             | Edge_1RB_Left   | 18.33          | /     | / | 13.68 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Edge_1RB_Right  | 18.34          | /     | / | 13.69 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Outer_Full      | 18.36          | /     | / | 13.71 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_Full      | 18.30          | /     | / | 13.65 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Left  | 18.31          | /     | / | 13.66 | /     | / | <=38.45 | Pass    |      |
|                                                                                      |                 | Inner_1RB_Right | 18.40          | /     | / | 13.75 | /     | / | <=38.45 | Pass    |      |
| Note1: Antenna Gain: Ant1: -2.50dBi;<br>Note2: ERP=Conducted Power+Antenna Gain-2.15 |                 |                 |                |       |   |       |       |   |         |         |      |

### 1.1.3 15\_S\_15M\_NTNV\_ERP

| 5G NR n5 SCS=15kHz SISO 15MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|-----------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                   |                 |                 | Ant1                 | Ant2 | Sum | Ant1     | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK              | 831.5           | Edge_1RB_Left   | 21.75                | /    | /   | 17.10    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.75                | /    | /   | 17.10    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.69                | /    | /   | 17.04    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.12                | /    | /   | 18.47    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.36                | /    | /   | 18.71    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.30                | /    | /   | 18.65    | /    | /   | <=38.45 | Pass    |
|                                   | 836.5           | Edge_1RB_Left   | 21.82                | /    | /   | 17.17    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.88                | /    | /   | 17.23    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.78                | /    | /   | 17.13    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.17                | /    | /   | 18.52    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.27                | /    | /   | 18.62    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.35                | /    | /   | 18.70    | /    | /   | <=38.45 | Pass    |
|                                   | 841.5           | Edge_1RB_Left   | 21.70                | /    | /   | 17.05    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.86                | /    | /   | 17.22    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.80                | /    | /   | 17.15    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.16                | /    | /   | 18.51    | /    | /   | <=38.45 | Pass    |

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|                    |       |                 |       |   |   |       |   |   |         |      |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |       | Inner_1RB_Left  | 23.38 | / | / | 18.73 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.33 | / | / | 18.68 | / | / | <=38.45 | Pass |
| DFT-s-OFDM QPSK    | 831.5 | Edge_1RB_Left   | 23.48 | / | / | 18.83 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 23.61 | / | / | 18.96 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 23.73 | / | / | 19.08 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 24.79 | / | / | 20.14 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 24.59 | / | / | 19.94 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 24.73 | / | / | 20.08 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 23.57 | / | / | 18.92 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 23.70 | / | / | 19.05 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 23.84 | / | / | 19.19 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 24.74 | / | / | 20.09 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 24.68 | / | / | 20.03 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 24.70 | / | / | 20.05 | / | / | <=38.45 | Pass |
|                    | 841.5 | Edge_1RB_Left   | 23.66 | / | / | 19.01 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 23.66 | / | / | 19.01 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 23.79 | / | / | 19.14 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 24.79 | / | / | 20.14 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 24.63 | / | / | 19.98 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 24.77 | / | / | 20.12 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 16 QAM  | 831.5 | Edge_1RB_Left   | 22.70 | / | / | 18.05 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.85 | / | / | 18.20 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.72 | / | / | 18.07 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.70 | / | / | 19.05 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.85 | / | / | 19.20 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.97 | / | / | 19.32 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 22.44 | / | / | 17.79 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.89 | / | / | 18.24 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.66 | / | / | 18.01 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.65 | / | / | 19.00 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.82 | / | / | 19.17 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.82 | / | / | 19.17 | / | / | <=38.45 | Pass |
|                    | 841.5 | Edge_1RB_Left   | 22.81 | / | / | 18.16 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.88 | / | / | 18.23 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.75 | / | / | 18.10 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.77 | / | / | 19.13 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.88 | / | / | 19.23 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.98 | / | / | 19.33 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 64 QAM  | 831.5 | Edge_1RB_Left   | 22.24 | / | / | 17.59 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.34 | / | / | 17.69 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.20 | / | / | 17.55 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.19 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.31 | / | / | 17.66 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.41 | / | / | 17.76 | / | / | <=38.45 | Pass |
|                    | 836.5 | Edge_1RB_Left   | 22.25 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.04 | / | / | 17.39 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.16 | / | / | 17.51 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.18 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.38 | / | / | 17.73 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.35 | / | / | 17.70 | / | / | <=38.45 | Pass |
|                    | 841.5 | Edge_1RB_Left   | 22.25 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.41 | / | / | 17.76 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.26 | / | / | 17.61 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.15 | / | / | 17.50 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.33 | / | / | 17.68 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.37 | / | / | 17.72 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 831.5 | Edge_1RB_Left   | 20.14 | / | / | 15.49 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.16 | / | / | 15.51 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.24 | / | / | 15.59 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.15 | / | / | 15.50 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.18 | / | / | 15.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.22 | / | / | 15.57 | / | / | <=38.45 | Pass |

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|                |       |                 |       |   |   |       |   |   |         |      |
|----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                | 836.5 | Edge_1RB_Left   | 20.17 | / | / | 15.52 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 20.15 | / | / | 15.50 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 20.30 | / | / | 15.65 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 20.19 | / | / | 15.54 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 20.23 | / | / | 15.58 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 20.36 | / | / | 15.71 | / | / | <=38.45 | Pass |
|                | 841.5 | Edge_1RB_Left   | 20.20 | / | / | 15.55 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 20.40 | / | / | 15.75 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 20.22 | / | / | 15.57 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 20.24 | / | / | 15.59 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 20.15 | / | / | 15.50 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 20.72 | / | / | 16.07 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK   | 831.5 | Edge_1RB_Left   | 21.71 | / | / | 17.06 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.63 | / | / | 16.98 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.64 | / | / | 17.00 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 23.14 | / | / | 18.49 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 23.24 | / | / | 18.59 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 23.28 | / | / | 18.63 | / | / | <=38.45 | Pass |
|                | 836.5 | Edge_1RB_Left   | 21.71 | / | / | 17.06 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.77 | / | / | 17.12 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.71 | / | / | 17.06 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 23.13 | / | / | 18.48 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 23.18 | / | / | 18.53 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 23.35 | / | / | 18.70 | / | / | <=38.45 | Pass |
|                | 841.5 | Edge_1RB_Left   | 21.89 | / | / | 17.24 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.80 | / | / | 17.15 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.78 | / | / | 17.13 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 23.11 | / | / | 18.46 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 23.30 | / | / | 18.65 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 23.29 | / | / | 18.64 | / | / | <=38.45 | Pass |
| CP-OFDM 16 QAM | 831.5 | Edge_1RB_Left   | 21.82 | / | / | 17.17 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.97 | / | / | 17.32 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.68 | / | / | 17.03 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 22.67 | / | / | 18.02 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 22.87 | / | / | 18.22 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 22.91 | / | / | 18.26 | / | / | <=38.45 | Pass |
|                | 836.5 | Edge_1RB_Left   | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 22.06 | / | / | 17.41 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.74 | / | / | 17.09 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 22.68 | / | / | 18.03 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 22.82 | / | / | 18.17 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 23.02 | / | / | 18.37 | / | / | <=38.45 | Pass |
|                | 841.5 | Edge_1RB_Left   | 21.90 | / | / | 17.25 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 22.00 | / | / | 17.35 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.78 | / | / | 17.13 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 22.69 | / | / | 18.04 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 22.85 | / | / | 18.20 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 22.98 | / | / | 18.33 | / | / | <=38.45 | Pass |
| CP-OFDM 64 QAM | 831.5 | Edge_1RB_Left   | 20.86 | / | / | 16.21 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.35 | / | / | 16.70 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.31 | / | / | 16.66 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 21.20 | / | / | 16.55 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 21.34 | / | / | 16.69 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 21.42 | / | / | 16.77 | / | / | <=38.45 | Pass |
|                | 836.5 | Edge_1RB_Left   | 21.27 | / | / | 16.62 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.40 | / | / | 16.75 | / | / | <=38.45 | Pass |
|                |       | Outer_Full      | 21.32 | / | / | 16.67 | / | / | <=38.45 | Pass |
|                |       | Inner_Full      | 21.33 | / | / | 16.68 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Left  | 21.40 | / | / | 16.75 | / | / | <=38.45 | Pass |
|                |       | Inner_1RB_Right | 21.49 | / | / | 16.84 | / | / | <=38.45 | Pass |
|                | 841.5 | Edge_1RB_Left   | 21.33 | / | / | 16.68 | / | / | <=38.45 | Pass |
|                |       | Edge_1RB_Right  | 21.39 | / | / | 16.74 | / | / | <=38.45 | Pass |
|                |       |                 |       |   |   |       |   |   |         |      |

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|                 |       |                 |       |   |   |       |   |   |         |      |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
| CP-OFDM 256 QAM |       | Outer_Full      | 21.42 | / | / | 16.77 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.30 | / | / | 16.65 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.32 | / | / | 16.68 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.51 | / | / | 16.86 | / | / | <=38.45 | Pass |
|                 | 831.5 | Edge_1RB_Left   | 18.12 | / | / | 13.48 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.13 | / | / | 13.48 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.20 | / | / | 13.55 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.11 | / | / | 13.46 | / | / | <=38.45 | Pass |
|                 | 836.5 | Inner_1RB_Left  | 18.21 | / | / | 13.56 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.27 | / | / | 13.62 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Left   | 18.15 | / | / | 13.50 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.20 | / | / | 13.55 | / | / | <=38.45 | Pass |
|                 | 841.5 | Outer_Full      | 18.23 | / | / | 13.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.21 | / | / | 13.56 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.24 | / | / | 13.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.39 | / | / | 13.74 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Left   | 18.15 | / | / | 13.50 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.24 | / | / | 13.59 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.28 | / | / | 13.63 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.30 | / | / | 13.65 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.14 | / | / | 13.49 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.33 | / | / | 13.68 | / | / | <=38.45 | Pass |

Note1: Antenna Gain: Ant1: -2.50dBi;  
Note2: ERP=Conducted Power+Antenna Gain-2.15

#### 1.1.4 15\_S\_20M\_NTNV\_ERP

| 5G NR n5 SCS=15kHz SISO 20MHz NTN |                 |                 |                      |      |     |          |      |     |         |         |
|-----------------------------------|-----------------|-----------------|----------------------|------|-----|----------|------|-----|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | ERP(dBm) |      |     |         | Verdict |
|                                   |                 |                 | Ant1                 | Ant2 | Sum | Ant1     | Ant2 | Sum | Limit   |         |
| DFT-s-OFDM PI/2 BPSK              | 834             | Edge_1RB_Left   | 21.73                | /    | /   | 17.08    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.71                | /    | /   | 17.06    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.68                | /    | /   | 17.03    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.22                | /    | /   | 18.57    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.32                | /    | /   | 18.67    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.21                | /    | /   | 18.57    | /    | /   | <=38.45 | Pass    |
|                                   | 836.5           | Edge_1RB_Left   | 21.72                | /    | /   | 17.07    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.80                | /    | /   | 17.15    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.81                | /    | /   | 17.16    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.08                | /    | /   | 18.43    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.25                | /    | /   | 18.60    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.16                | /    | /   | 18.51    | /    | /   | <=38.45 | Pass    |
|                                   | 839             | Edge_1RB_Left   | 21.86                | /    | /   | 17.21    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 21.92                | /    | /   | 17.27    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 21.81                | /    | /   | 17.16    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 23.27                | /    | /   | 18.62    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 23.14                | /    | /   | 18.49    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 23.15                | /    | /   | 18.50    | /    | /   | <=38.45 | Pass    |
| DFT-s-OFDM QPSK                   | 834             | Edge_1RB_Left   | 23.55                | /    | /   | 18.90    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.63                | /    | /   | 18.98    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 23.73                | /    | /   | 19.08    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 24.70                | /    | /   | 20.05    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 24.71                | /    | /   | 20.06    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 24.79                | /    | /   | 20.14    | /    | /   | <=38.45 | Pass    |
|                                   | 836.5           | Edge_1RB_Left   | 23.46                | /    | /   | 18.81    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.63                | /    | /   | 18.98    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Outer_Full      | 23.76                | /    | /   | 19.11    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_Full      | 24.76                | /    | /   | 20.11    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Left  | 24.57                | /    | /   | 19.92    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Inner_1RB_Right | 24.71                | /    | /   | 20.06    | /    | /   | <=38.45 | Pass    |
|                                   | 839             | Edge_1RB_Left   | 23.50                | /    | /   | 18.85    | /    | /   | <=38.45 | Pass    |
|                                   |                 | Edge_1RB_Right  | 23.72                | /    | /   | 19.07    | /    | /   | <=38.45 | Pass    |

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|                    |       |                 |       |   |   |       |   |   |         |      |
|--------------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                    |       | Outer_Full      | 23.81 | / | / | 19.16 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 24.77 | / | / | 20.12 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 24.71 | / | / | 20.06 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 24.75 | / | / | 20.10 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 16 QAM  | 834   | Edge_1RB_Left   | 22.77 | / | / | 18.12 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.69 | / | / | 18.04 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.56 | / | / | 17.91 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.63 | / | / | 18.98 | / | / | <=38.45 | Pass |
|                    | 836.5 | Inner_1RB_Left  | 23.79 | / | / | 19.14 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.88 | / | / | 19.23 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Left   | 22.79 | / | / | 18.14 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.89 | / | / | 18.25 | / | / | <=38.45 | Pass |
|                    | 839   | Outer_Full      | 22.65 | / | / | 18.00 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.60 | / | / | 18.95 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 23.80 | / | / | 19.15 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.77 | / | / | 19.13 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 64 QAM  | 834   | Edge_1RB_Left   | 22.43 | / | / | 17.78 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.76 | / | / | 18.11 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.65 | / | / | 18.00 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.64 | / | / | 18.99 | / | / | <=38.45 | Pass |
|                    | 836.5 | Inner_1RB_Left  | 23.86 | / | / | 19.21 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 23.91 | / | / | 19.27 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Left   | 22.22 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.29 | / | / | 17.64 | / | / | <=38.45 | Pass |
|                    | 839   | Outer_Full      | 22.21 | / | / | 17.56 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.18 | / | / | 17.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.27 | / | / | 17.62 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.34 | / | / | 17.69 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 834   | Edge_1RB_Left   | 22.16 | / | / | 17.51 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.36 | / | / | 17.72 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 22.18 | / | / | 17.54 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.22 | / | / | 17.57 | / | / | <=38.45 | Pass |
|                    | 836.5 | Inner_1RB_Left  | 22.32 | / | / | 17.68 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.43 | / | / | 17.78 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Left   | 22.25 | / | / | 17.60 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 22.39 | / | / | 17.74 | / | / | <=38.45 | Pass |
|                    | 839   | Outer_Full      | 22.26 | / | / | 17.61 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 22.18 | / | / | 17.53 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 22.01 | / | / | 17.36 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 22.32 | / | / | 17.67 | / | / | <=38.45 | Pass |
| DFT-s-OFDM 256 QAM | 834   | Edge_1RB_Left   | 20.02 | / | / | 15.37 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.31 | / | / | 15.66 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.17 | / | / | 15.52 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.22 | / | / | 15.57 | / | / | <=38.45 | Pass |
|                    | 836.5 | Inner_1RB_Left  | 20.05 | / | / | 15.40 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.14 | / | / | 15.49 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Left   | 20.02 | / | / | 15.37 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.16 | / | / | 15.51 | / | / | <=38.45 | Pass |
|                    | 839   | Outer_Full      | 20.17 | / | / | 15.52 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.31 | / | / | 15.66 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Left  | 20.49 | / | / | 15.84 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 19.95 | / | / | 15.30 | / | / | <=38.45 | Pass |
| CP-OFDM QPSK       | 834   | Edge_1RB_Left   | 20.14 | / | / | 15.49 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 20.23 | / | / | 15.58 | / | / | <=38.45 | Pass |
|                    |       | Outer_Full      | 20.27 | / | / | 15.62 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 20.29 | / | / | 15.64 | / | / | <=38.45 | Pass |
|                    | 836.5 | Inner_1RB_Left  | 20.17 | / | / | 15.52 | / | / | <=38.45 | Pass |
|                    |       | Inner_1RB_Right | 20.30 | / | / | 15.65 | / | / | <=38.45 | Pass |
|                    | 839   | Edge_1RB_Left   | 21.62 | / | / | 16.97 | / | / | <=38.45 | Pass |
|                    |       | Edge_1RB_Right  | 21.75 | / | / | 17.10 | / | / | <=38.45 | Pass |
|                    | 834   | Outer_Full      | 21.82 | / | / | 17.17 | / | / | <=38.45 | Pass |
|                    |       | Inner_Full      | 23.12 | / | / | 18.47 | / | / | <=38.45 | Pass |

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|                 |       |                 |       |   |   |       |   |   |         |      |
|-----------------|-------|-----------------|-------|---|---|-------|---|---|---------|------|
|                 |       | Inner_1RB_Left  | 23.14 | / | / | 18.49 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.38 | / | / | 18.73 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 21.77 | / | / | 17.12 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.91 | / | / | 17.26 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.87 | / | / | 17.22 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 23.22 | / | / | 18.57 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 23.27 | / | / | 18.62 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.38 | / | / | 18.73 | / | / | <=38.45 | Pass |
|                 | 839   | Edge_1RB_Left   | 21.57 | / | / | 16.92 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.68 | / | / | 17.03 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.73 | / | / | 17.08 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 23.27 | / | / | 18.62 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 23.29 | / | / | 18.64 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 23.33 | / | / | 18.68 | / | / | <=38.45 | Pass |
| CP-OFDM 16 QAM  | 834   | Edge_1RB_Left   | 21.83 | / | / | 17.18 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.99 | / | / | 17.34 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.61 | / | / | 16.96 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.72 | / | / | 18.07 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.65 | / | / | 18.00 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.91 | / | / | 18.26 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 21.89 | / | / | 17.24 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.86 | / | / | 17.21 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.73 | / | / | 17.08 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.81 | / | / | 18.16 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.91 | / | / | 18.26 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.87 | / | / | 18.22 | / | / | <=38.45 | Pass |
|                 | 839   | Edge_1RB_Left   | 21.89 | / | / | 17.24 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 22.00 | / | / | 17.35 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.85 | / | / | 17.20 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 22.88 | / | / | 18.23 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 22.90 | / | / | 18.25 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 22.99 | / | / | 18.34 | / | / | <=38.45 | Pass |
| CP-OFDM 64 QAM  | 834   | Edge_1RB_Left   | 21.22 | / | / | 16.57 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.30 | / | / | 16.65 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.25 | / | / | 16.60 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.24 | / | / | 16.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.29 | / | / | 16.64 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.32 | / | / | 16.67 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 21.31 | / | / | 16.66 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.42 | / | / | 16.77 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.27 | / | / | 16.62 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.33 | / | / | 16.68 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.43 | / | / | 16.78 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.43 | / | / | 16.78 | / | / | <=38.45 | Pass |
|                 | 839   | Edge_1RB_Left   | 21.31 | / | / | 16.66 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 21.38 | / | / | 16.73 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 21.29 | / | / | 16.64 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 21.35 | / | / | 16.70 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 21.39 | / | / | 16.74 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 21.43 | / | / | 16.78 | / | / | <=38.45 | Pass |
| CP-OFDM 256 QAM | 834   | Edge_1RB_Left   | 17.98 | / | / | 13.33 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.18 | / | / | 13.53 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.24 | / | / | 13.59 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.21 | / | / | 13.56 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.07 | / | / | 13.42 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.32 | / | / | 13.67 | / | / | <=38.45 | Pass |
|                 | 836.5 | Edge_1RB_Left   | 18.09 | / | / | 13.44 | / | / | <=38.45 | Pass |
|                 |       | Edge_1RB_Right  | 18.19 | / | / | 13.54 | / | / | <=38.45 | Pass |
|                 |       | Outer_Full      | 18.26 | / | / | 13.61 | / | / | <=38.45 | Pass |
|                 |       | Inner_Full      | 18.23 | / | / | 13.58 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Left  | 18.19 | / | / | 13.54 | / | / | <=38.45 | Pass |
|                 |       | Inner_1RB_Right | 18.16 | / | / | 13.51 | / | / | <=38.45 | Pass |

|                                                                                      |     |                 |       |   |   |       |   |   |         |      |
|--------------------------------------------------------------------------------------|-----|-----------------|-------|---|---|-------|---|---|---------|------|
|                                                                                      | 839 | Edge_1RB_Left   | 18.02 | / | / | 13.37 | / | / | <=38.45 | Pass |
|                                                                                      |     | Edge_1RB_Right  | 18.25 | / | / | 13.60 | / | / | <=38.45 | Pass |
|                                                                                      |     | Outer_Full      | 18.32 | / | / | 13.67 | / | / | <=38.45 | Pass |
|                                                                                      |     | Inner_Full      | 18.26 | / | / | 13.61 | / | / | <=38.45 | Pass |
|                                                                                      |     | Inner_1RB_Left  | 18.10 | / | / | 13.45 | / | / | <=38.45 | Pass |
|                                                                                      |     | Inner_1RB_Right | 18.28 | / | / | 13.63 | / | / | <=38.45 | Pass |
| Note1: Antenna Gain: Ant1: -2.50dBi;<br>Note2: ERP=Conducted Power+Antenna Gain-2.15 |     |                 |       |   |   |       |   |   |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 15\_S\_5M

| 5G NR n5 SCS=15kHz SISO 5MHz |                 |               |            |       |                  |                       |                |         |  |  |
|------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|--|--|
| Modulation                   | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |  |  |
|                              |                 |               |            |       |                  | Result                | Limit          |         |  |  |
| DFT-s-OFDM PI/2 BPSK         | 836.5           | Outer_Full    | 20         | LV    | 2.95             | 0.0035                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               |            | HV    | 1.46             | 0.0017                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -30        | NV    | -0.19            | -0.0002               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -20        | NV    | -3.93            | -0.0047               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -10        | NV    | 1.24             | 0.0015                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 0          | NV    | 2.73             | 0.0033                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 10         | NV    | 1.43             | 0.0017                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 20         | NV    | 1.27             | 0.0015                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 30         | NV    | 2.15             | 0.0026                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 40         | NV    | -3.52            | -0.0042               | >=-2.5 & <=2.5 | Pass    |  |  |
| DFT-s-OFDM QPSK              | 836.5           | Outer_Full    | 20         | LV    | -0.02            | 0.0000                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               |            | HV    | -4.70            | -0.0056               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -30        | NV    | -2.90            | -0.0035               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -20        | NV    | 1.11             | 0.0013                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -10        | NV    | 2.81             | 0.0034                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 0          | NV    | -1.14            | -0.0014               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 10         | NV    | -0.10            | -0.0001               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 20         | NV    | 0.72             | 0.0009                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 30         | NV    | -1.95            | -0.0023               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 40         | NV    | -0.79            | -0.0009               | >=-2.5 & <=2.5 | Pass    |  |  |
| DFT-s-OFDM 16 QAM            | 836.5           | Outer_Full    | 20         | LV    | 0.89             | 0.0011                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               |            | HV    | 0.74             | 0.0009                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -30        | NV    | 1.85             | 0.0022                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -20        | NV    | 0.17             | 0.0002                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -10        | NV    | 3.28             | 0.0039                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 0          | NV    | -2.03            | -0.0024               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 10         | NV    | -0.28            | -0.0003               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 20         | NV    | 2.40             | 0.0029                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 30         | NV    | 0.82             | 0.0010                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 40         | NV    | -1.49            | -0.0018               | >=-2.5 & <=2.5 | Pass    |  |  |
| DFT-s-OFDM 64 QAM            | 836.5           | Outer_Full    | 20         | LV    | -3.25            | -0.0039               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               |            | HV    | 1.03             | 0.0012                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -30        | NV    | -1.09            | -0.0013               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -20        | NV    | -2.12            | -0.0025               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | -10        | NV    | 2.09             | 0.0025                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 0          | NV    | 1.97             | 0.0024                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 10         | NV    | 2.07             | 0.0025                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 20         | NV    | -0.50            | -0.0006               | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 30         | NV    | 0.10             | 0.0001                | >=-2.5 & <=2.5 | Pass    |  |  |
|                              |                 |               | 40         | NV    | 0.05             | 0.0001                | >=-2.5 & <=2.5 | Pass    |  |  |

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|                    |       |            |     |    |       |         |                |      |
|--------------------|-------|------------|-----|----|-------|---------|----------------|------|
|                    |       |            | 50  | NV | -1.51 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | -0.38 | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -1.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -2.44 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | 1.62  | 0.0019  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -1.36 | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -2.04 | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | 0.78  | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | 1.11  | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | 0.66  | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | 2.56  | 0.0031  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | 2.31  | 0.0028  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 836.5 | Outer_Full | 20  | LV | -1.34 | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -1.23 | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -1.07 | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -0.57 | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -2.14 | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -2.35 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | 0.73  | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | 0.89  | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | 1.19  | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | 1.18  | 0.0014  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 836.5 | Outer_Full | 20  | LV | -3.04 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | 0.24  | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | 0.06  | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -0.24 | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | 2.03  | 0.0024  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -2.05 | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -0.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -0.90 | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -2.42 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -1.73 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM     | 836.5 | Outer_Full | 20  | LV | -1.47 | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -3.52 | -0.0042 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -0.85 | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -3.50 | -0.0042 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -1.77 | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -1.16 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -0.73 | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -1.47 | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -1.82 | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -0.40 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM    | 836.5 | Outer_Full | 20  | LV | 2.75  | 0.0033  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | 1.42  | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | 0.96  | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | 3.02  | 0.0036  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -2.13 | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -0.09 | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -0.44 | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | 0.90  | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -3.18 | -0.0038 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -0.77 | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | -1.17 | -0.0014 | >=-2.5 & <=2.5 | Pass |

## 2.1.2 15\_S\_10M

| 5G NR n5 SCS=15kHz SISO 10MHz |                 |               |            |       |                  |                       |       |         |
|-------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|-------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |       | Verdict |
|                               |                 |               |            |       |                  | Result                | Limit |         |

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|                      |       |            |     |    |        |         |                |      |
|----------------------|-------|------------|-----|----|--------|---------|----------------|------|
| DFT-s-OFDM PI/2 BPSK | 836.5 | Outer_Full | 20  | LV | -0.29  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | 1.69   | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | -1.54  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | -4.29  | -0.0051 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | -1.96  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | -3.95  | -0.0047 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 10  | NV | -1.58  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | NV | -4.05  | -0.0048 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 30  | NV | -3.60  | -0.0043 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 40  | NV | -3.16  | -0.0038 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK      | 836.5 | Outer_Full | 50  | NV | 0.44   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | LV | -3.76  | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | -2.97  | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | 0.81   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | -3.39  | -0.0041 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | -6.84  | -0.0082 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | -2.45  | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 10  | NV | -1.22  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | NV | -3.06  | -0.0037 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 30  | NV | -1.91  | -0.0023 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM    | 836.5 | Outer_Full | 40  | NV | -1.18  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 50  | NV | -1.18  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | LV | 1.94   | 0.0023  | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | -2.74  | -0.0033 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | -2.32  | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | 2.36   | 0.0028  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | -3.75  | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | -2.33  | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 10  | NV | -1.75  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | NV | -1.28  | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM    | 836.5 | Outer_Full | 30  | NV | -2.91  | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 40  | NV | 3.00   | 0.0036  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 50  | NV | -0.97  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | LV | -3.50  | -0.0042 | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | -3.19  | -0.0038 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | -2.10  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | 0.38   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | -0.20  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | -1.23  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 10  | NV | -0.48  | -0.0006 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM   | 836.5 | Outer_Full | 20  | NV | -3.78  | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 30  | NV | -2.67  | -0.0032 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 40  | NV | -3.79  | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 50  | NV | 0.05   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | LV | 0.78   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | -2.24  | -0.0027 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | 0.54   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | 1.07   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | -2.94  | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | 5.58   | 0.0067  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK         | 836.5 | Outer_Full | 10  | NV | 3.58   | 0.0043  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | NV | 548.11 | 0.6552  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 30  | NV | 0.31   | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 40  | NV | -0.08  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 50  | NV | -2.17  | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 20  | LV | -1.24  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                      |       |            |     | HV | 1.29   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -30 | NV | 414.89 | 0.4960  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -20 | NV | 1.49   | 0.0018  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | -10 | NV | 2.29   | 0.0027  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 0   | NV | 0.98   | 0.0012  | >=-2.5 & <=2.5 | Pass |
|                      |       |            | 10  | NV | 2.86   | 0.0034  | >=-2.5 & <=2.5 | Pass |

|                 |       |            |     |    |         |         |                |      |
|-----------------|-------|------------|-----|----|---------|---------|----------------|------|
|                 |       |            | 20  | NV | 1.27    | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | -2.17   | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | 472.54  | 0.5649  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | -4.32   | -0.0052 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | LV | -1.48   | -0.0018 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM  | 836.5 | Outer_Full |     | HV | 2.45    | 0.0029  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -30 | NV | -1.87   | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -20 | NV | -0.30   | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -10 | NV | -2.23   | -0.0027 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 0   | NV | -0.82   | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 10  | NV | -2.95   | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | NV | -2.98   | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | 4.04    | 0.0048  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | 30.79   | 0.0368  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | 2.07    | 0.0025  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | LV | -1.82   | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                 |       |            |     | HV | 0.34    | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -30 | NV | -0.54   | -0.0006 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM  | 836.5 | Outer_Full | -20 | NV | 0.48    | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -10 | NV | 692.69  | 0.8281  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 0   | NV | 1.12    | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 10  | NV | 2.41    | 0.0029  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | NV | 1.20    | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | -4.64   | -0.0055 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | -407.33 | -0.4869 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | 0.63    | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | LV | 2.16    | 0.0026  | >=-2.5 & <=2.5 | Pass |
|                 |       |            |     | HV | -0.96   | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -30 | NV | -0.64   | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -20 | NV | -1.38   | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -10 | NV | -0.55   | -0.0007 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 836.5 | Outer_Full | 0   | NV | 0.80    | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 10  | NV | 2.44    | 0.0029  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | NV | -2.34   | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | 1.73    | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | 1.80    | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | -0.88   | -0.0011 | >=-2.5 & <=2.5 | Pass |

### 2.1.3 15\_S\_15M

| 5G NR n5 SCS=15kHz SISO 15MHz |                 |               |            |       |                  |                       |                |         |
|-------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                               |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK          | 836.5           | Outer_Full    | 20         | LV    | -2.14            | -0.0026               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -2.70            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -4.25            | -0.0051               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -3.06            | -0.0037               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -3.60            | -0.0043               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -5.07            | -0.0061               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -5.27            | -0.0063               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -2.67            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 30         | NV    | -5.11            | -0.0061               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 40         | NV    | -3.61            | -0.0043               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK               | 836.5           | Outer_Full    | 50         | NV    | -2.69            | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | LV    | -4.50            | -0.0054               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -4.20            | -0.0050               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -4.87            | -0.0058               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -6.72            | -0.0080               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -3.10            | -0.0037               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -2.76            | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -3.94            | -0.0047               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -3.31            | -0.0040               | >=-2.5 & <=2.5 | Pass    |

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|                    |       |            |     |    |       |         |                          |      |
|--------------------|-------|------------|-----|----|-------|---------|--------------------------|------|
|                    |       |            | 30  | NV | -5.87 | -0.0070 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | -3.28 | -0.0039 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | -6.05 | -0.0072 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| DFT-s-OFDM 16 QAM  | 836.5 | Outer_Full | 20  | LV | -4.85 | -0.0058 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | -6.16 | -0.0074 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | -5.58 | -0.0067 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | -4.09 | -0.0049 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -10 | NV | -3.93 | -0.0047 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 0   | NV | -5.50 | -0.0066 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 10  | NV | -6.06 | -0.0072 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 20  | NV | -2.27 | -0.0027 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 30  | NV | -2.62 | -0.0031 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | -6.59 | -0.0079 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | -3.42 | -0.0041 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     |    |       |         |                          |      |
| DFT-s-OFDM 64 QAM  | 836.5 | Outer_Full | 20  | LV | -6.29 | -0.0075 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | -2.05 | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | -0.99 | -0.0012 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | -6.06 | -0.0072 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -10 | NV | -5.76 | -0.0069 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 0   | NV | 0.72  | 0.0009  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 10  | NV | -2.94 | -0.0035 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 20  | NV | -1.42 | -0.0017 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 30  | NV | -4.53 | -0.0054 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | -1.76 | -0.0021 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | -1.53 | -0.0018 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     |    |       |         |                          |      |
| DFT-s-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | -0.27 | -0.0003 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | 0.21  | 0.0003  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | 4.13  | 0.0049  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | 1.86  | 0.0022  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -10 | NV | -1.19 | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 0   | NV | 1.67  | 0.0020  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 10  | NV | -0.36 | -0.0004 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 20  | NV | 1.86  | 0.0022  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 30  | NV | 1.77  | 0.0021  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | 0.91  | 0.0011  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | -1.30 | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     |    |       |         |                          |      |
| CP-OFDM QPSK       | 836.5 | Outer_Full | 20  | LV | 2.50  | 0.0030  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | -2.72 | -0.0033 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | -0.16 | -0.0002 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | -3.81 | -0.0046 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -10 | NV | 2.09  | 0.0025  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 0   | NV | -0.52 | -0.0006 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 10  | NV | -1.98 | -0.0024 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 20  | NV | -0.42 | -0.0005 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 30  | NV | -1.17 | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | -1.99 | -0.0024 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | -2.20 | -0.0026 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     |    |       |         |                          |      |
| CP-OFDM 16 QAM     | 836.5 | Outer_Full | 20  | LV | 2.95  | 0.0035  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | 0.98  | 0.0012  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | -1.39 | -0.0017 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | -2.13 | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -10 | NV | -1.61 | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 0   | NV | 3.13  | 0.0037  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 10  | NV | 1.18  | 0.0014  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 20  | NV | 0.55  | 0.0007  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 30  | NV | -0.70 | -0.0008 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 40  | NV | 1.71  | 0.0020  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | 50  | NV | 2.09  | 0.0025  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     |    |       |         |                          |      |
| CP-OFDM 64 QAM     | 836.5 | Outer_Full | 20  | LV | -0.04 | 0.0000  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            |     | HV | -1.20 | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -30 | NV | 1.47  | 0.0018  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |       |            | -20 | NV | -2.55 | -0.0030 | $\geq -2.5$ & $\leq 2.5$ | Pass |

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|                 |       |            |     |    |       |         |                |      |
|-----------------|-------|------------|-----|----|-------|---------|----------------|------|
|                 |       |            | -10 | NV | -0.07 | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 0   | NV | -0.06 | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 10  | NV | 1.71  | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | NV | 2.23  | 0.0027  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | 2.98  | 0.0036  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | -4.43 | -0.0053 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | 0.65  | 0.0008  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | 3.25  | 0.0039  | >=-2.5 & <=2.5 | Pass |
|                 |       |            |     | HV | -2.02 | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -30 | NV | -0.33 | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -20 | NV | -1.44 | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | -10 | NV | 0.62  | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 0   | NV | 2.38  | 0.0028  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 10  | NV | -1.68 | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 20  | NV | 0.73  | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 30  | NV | -0.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 40  | NV | -2.15 | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                 |       |            | 50  | NV | 0.12  | 0.0001  | >=-2.5 & <=2.5 | Pass |

#### 2.1.4 15\_S\_20M

| 5G NR n5 SCS=15kHz SISO 20MHz |                 |               |            |       |                  |                       |                |         |
|-------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                               |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK          | 836.5           | Outer_Full    | 20         | LV    | -0.35            | -0.0004               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -2.09            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -5.96            | -0.0071               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -5.33            | -0.0064               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -4.43            | -0.0053               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -4.98            | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -4.09            | -0.0049               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -4.60            | -0.0055               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 30         | NV    | -2.76            | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 40         | NV    | -4.91            | -0.0059               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK               | 836.5           | Outer_Full    | 20         | LV    | -4.09            | -0.0049               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -3.40            | -0.0041               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -6.14            | -0.0073               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -4.52            | -0.0054               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -7.64            | -0.0091               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -4.24            | -0.0051               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -4.32            | -0.0052               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -4.82            | -0.0058               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 30         | NV    | -3.98            | -0.0048               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 40         | NV    | -3.57            | -0.0043               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM             | 836.5           | Outer_Full    | 20         | LV    | -4.58            | -0.0055               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -6.58            | -0.0079               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -6.49            | -0.0078               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -3.93            | -0.0047               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -4.11            | -0.0049               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 0          | NV    | -2.53            | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 10         | NV    | -5.97            | -0.0071               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 20         | NV    | -3.19            | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 30         | NV    | -6.47            | -0.0077               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | 40         | NV    | -3.20            | -0.0038               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM             | 836.5           | Outer_Full    | 20         | LV    | -4.30            | -0.0051               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               |            | HV    | -4.92            | -0.0059               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -30        | NV    | -4.51            | -0.0054               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -20        | NV    | -2.11            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                               |                 |               | -10        | NV    | -3.51            | -0.0042               | >=-2.5 & <=2.5 | Pass    |

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|                    |       |            |     |    |       |         |                |      |
|--------------------|-------|------------|-----|----|-------|---------|----------------|------|
|                    |       |            | 0   | NV | -3.94 | -0.0047 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -4.61 | -0.0055 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -3.43 | -0.0041 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -5.84 | -0.0070 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -5.14 | -0.0061 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | -0.59 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | -0.31 | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -0.10 | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -1.19 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -0.29 | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -0.30 | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | 2.21  | 0.0026  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -0.59 | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -1.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | 1.83  | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | 1.60  | 0.0019  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | 0.53  | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     |    |       |         |                |      |
| CP-OFDM QPSK       | 836.5 | Outer_Full | 20  | LV | -2.49 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | 0.73  | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | 3.05  | 0.0036  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -3.41 | -0.0041 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -1.17 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | 4.37  | 0.0052  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | 1.46  | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | 1.28  | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -0.02 | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | 1.64  | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | -2.03 | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     |    |       |         |                |      |
| CP-OFDM 16 QAM     | 836.5 | Outer_Full | 20  | LV | 1.04  | 0.0012  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | 0.37  | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -0.46 | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -1.14 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -1.06 | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -1.52 | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | 0.71  | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -2.08 | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -1.43 | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | 1.41  | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | -1.26 | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     |    |       |         |                |      |
| CP-OFDM 64 QAM     | 836.5 | Outer_Full | 20  | LV | 2.09  | 0.0025  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -0.17 | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | -0.84 | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -0.84 | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -0.46 | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | -0.21 | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -0.06 | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -2.45 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | -1.13 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -1.14 | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | 0.82  | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     |    |       |         |                |      |
| CP-OFDM 256 QAM    | 836.5 | Outer_Full | 20  | LV | -1.88 | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     | HV | -1.76 | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -30 | NV | 1.67  | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -20 | NV | -1.01 | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | -10 | NV | -2.48 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 0   | NV | 3.40  | 0.0041  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 10  | NV | -2.71 | -0.0032 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 20  | NV | -3.67 | -0.0044 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 30  | NV | 3.59  | 0.0043  | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 40  | NV | -2.51 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |       |            | 50  | NV | 3.60  | 0.0043  | >=-2.5 & <=2.5 | Pass |
|                    |       |            |     |    |       |         |                |      |

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### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

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

| 5G NR n5 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             | 826.5           | Outer_Full    | 4.52                | 5.26                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.26                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.52                | 5.19                 | /           | Pass    |
| DFT-s-OFDM QPSK                  | 826.5           | Outer_Full    | 4.52                | 5.13                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.21                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.51                | 5.29                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                | 826.5           | Outer_Full    | 4.54                | 5.24                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.25                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.51                | 5.23                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                | 826.5           | Outer_Full    | 4.51                | 5.19                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.29                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.50                | 5.30                 | /           | Pass    |
| DFT-s-OFDM 256 QAM               | 826.5           | Outer_Full    | 4.53                | 5.21                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.22                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.51                | 5.25                 | /           | Pass    |
| CP-OFDM QPSK                     | 826.5           | Outer_Full    | 4.51                | 5.29                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.51                | 5.37                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.50                | 5.29                 | /           | Pass    |
| CP-OFDM 16 QAM                   | 826.5           | Outer_Full    | 4.54                | 5.34                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.51                | 5.25                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.52                | 5.36                 | /           | Pass    |
| CP-OFDM 64 QAM                   | 826.5           | Outer_Full    | 4.51                | 5.23                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.53                | 5.23                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.51                | 5.24                 | /           | Pass    |
| CP-OFDM 256 QAM                  | 826.5           | Outer_Full    | 4.50                | 5.25                 | /           | Pass    |
|                                  | 836.5           | Outer_Full    | 4.52                | 5.25                 | /           | Pass    |
|                                  | 846.5           | Outer_Full    | 4.49                | 5.17                 | /           | Pass    |

##### 3.1.2 15\_S\_10M\_NTNV

| 5G NR n5 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              | 829             | Outer_Full    | 8.94                | 9.79                 | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 8.95                | 9.82                 | /           | Pass    |
|                                   | 844             | Outer_Full    | 8.94                | 9.79                 | /           | Pass    |
| DFT-s-OFDM QPSK                   | 829             | Outer_Full    | 8.96                | 9.66                 | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 8.93                | 9.67                 | /           | Pass    |
|                                   | 844             | Outer_Full    | 8.92                | 9.73                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 829             | Outer_Full    | 8.92                | 9.69                 | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 8.93                | 9.69                 | /           | Pass    |
|                                   | 844             | Outer_Full    | 8.92                | 9.63                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 829             | Outer_Full    | 8.94                | 9.67                 | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 8.94                | 9.70                 | /           | Pass    |
|                                   | 844             | Outer_Full    | 8.96                | 9.66                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 829             | Outer_Full    | 8.93                | 9.60                 | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 8.94                | 9.76                 | /           | Pass    |
|                                   | 844             | Outer_Full    | 8.92                | 9.65                 | /           | Pass    |
| CP-OFDM QPSK                      | 829             | Outer_Full    | 9.34                | 10.21                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 9.34                | 10.30                | /           | Pass    |
|                                   | 844             | Outer_Full    | 9.32                | 10.24                | /           | Pass    |

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|                 |       |            |      |       |   |      |
|-----------------|-------|------------|------|-------|---|------|
| CP-OFDM 16 QAM  | 829   | Outer_Full | 9.34 | 10.35 | / | Pass |
|                 | 836.5 | Outer_Full | 9.33 | 10.28 | / | Pass |
|                 | 844   | Outer_Full | 9.33 | 10.29 | / | Pass |
| CP-OFDM 64 QAM  | 829   | Outer_Full | 9.34 | 10.16 | / | Pass |
|                 | 836.5 | Outer_Full | 9.35 | 10.24 | / | Pass |
|                 | 844   | Outer_Full | 9.34 | 10.29 | / | Pass |
| CP-OFDM 256 QAM | 829   | Outer_Full | 9.33 | 10.26 | / | Pass |
|                 | 836.5 | Outer_Full | 9.31 | 10.20 | / | Pass |
|                 | 844   | Outer_Full | 9.29 | 9.99  | / | Pass |

### 3.1.3 15\_S\_15M\_NTNV

| 5G NR n5 SCS=15kHz SISO 15MHz NTN |                 |               |                     |                      |             |         |
|-----------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK              | 831.5           | Outer_Full    | 13.44               | 14.37                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 13.43               | 14.43                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 13.43               | 14.43                | /           | Pass    |
| DFT-s-OFDM QPSK                   | 831.5           | Outer_Full    | 13.44               | 14.47                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 13.45               | 14.42                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 13.49               | 14.37                | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 831.5           | Outer_Full    | 13.47               | 14.38                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 13.48               | 14.44                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 13.46               | 14.53                | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 831.5           | Outer_Full    | 13.46               | 14.37                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 13.43               | 14.40                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 13.45               | 14.38                | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 831.5           | Outer_Full    | 13.45               | 14.40                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 13.45               | 14.38                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 13.47               | 14.35                | /           | Pass    |
| CP-OFDM QPSK                      | 831.5           | Outer_Full    | 14.14               | 15.10                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 14.15               | 15.06                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 14.15               | 15.11                | /           | Pass    |
| CP-OFDM 16 QAM                    | 831.5           | Outer_Full    | 14.15               | 15.08                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 14.15               | 15.14                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 14.13               | 15.17                | /           | Pass    |
| CP-OFDM 64 QAM                    | 831.5           | Outer_Full    | 14.15               | 15.03                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 14.17               | 15.20                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 14.16               | 15.11                | /           | Pass    |
| CP-OFDM 256 QAM                   | 831.5           | Outer_Full    | 14.12               | 15.09                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 14.17               | 15.12                | /           | Pass    |
|                                   | 841.5           | Outer_Full    | 14.14               | 14.95                | /           | Pass    |

### 3.1.4 15\_S\_20M\_NTNV

| 5G NR n5 SCS=15kHz SISO 20MHz NTN |                 |               |                     |                      |             |         |
|-----------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK              | 834             | Outer_Full    | 17.92               | 19.00                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 17.86               | 18.95                | /           | Pass    |
|                                   | 839             | Outer_Full    | 17.89               | 18.95                | /           | Pass    |
| DFT-s-OFDM QPSK                   | 834             | Outer_Full    | 17.92               | 18.86                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 17.88               | 18.95                | /           | Pass    |
|                                   | 839             | Outer_Full    | 17.88               | 18.96                | /           | Pass    |
| DFT-s-OFDM 16 QAM                 | 834             | Outer_Full    | 17.90               | 19.02                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 17.87               | 18.96                | /           | Pass    |
|                                   | 839             | Outer_Full    | 17.95               | 18.90                | /           | Pass    |
| DFT-s-OFDM 64 QAM                 | 834             | Outer_Full    | 17.90               | 18.89                | /           | Pass    |
|                                   | 836.5           | Outer_Full    | 17.89               | 19.01                | /           | Pass    |
|                                   | 839             | Outer_Full    | 17.88               | 18.94                | /           | Pass    |
| DFT-s-OFDM 256 QAM                | 834             | Outer_Full    | 17.90               | 18.97                | /           | Pass    |

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|                 |       |            |       |       |   |      |
|-----------------|-------|------------|-------|-------|---|------|
|                 | 836.5 | Outer_Full | 17.90 | 18.96 | / | Pass |
|                 | 839   | Outer_Full | 17.89 | 18.91 | / | Pass |
| CP-OFDM QPSK    | 834   | Outer_Full | 18.96 | 20.00 | / | Pass |
|                 | 836.5 | Outer_Full | 18.98 | 19.89 | / | Pass |
|                 | 839   | Outer_Full | 18.95 | 20.00 | / | Pass |
| CP-OFDM 16 QAM  | 834   | Outer_Full | 18.98 | 19.88 | / | Pass |
|                 | 836.5 | Outer_Full | 18.97 | 20.16 | / | Pass |
|                 | 839   | Outer_Full | 18.94 | 19.96 | / | Pass |
| CP-OFDM 64 QAM  | 834   | Outer_Full | 19.03 | 20.27 | / | Pass |
|                 | 836.5 | Outer_Full | 18.98 | 19.93 | / | Pass |
|                 | 839   | Outer_Full | 18.93 | 19.92 | / | Pass |
| CP-OFDM 256 QAM | 834   | Outer_Full | 18.97 | 20.11 | / | Pass |
|                 | 836.5 | Outer_Full | 18.95 | 19.96 | / | Pass |
|                 | 839   | Outer_Full | 18.93 | 20.16 | / | Pass |

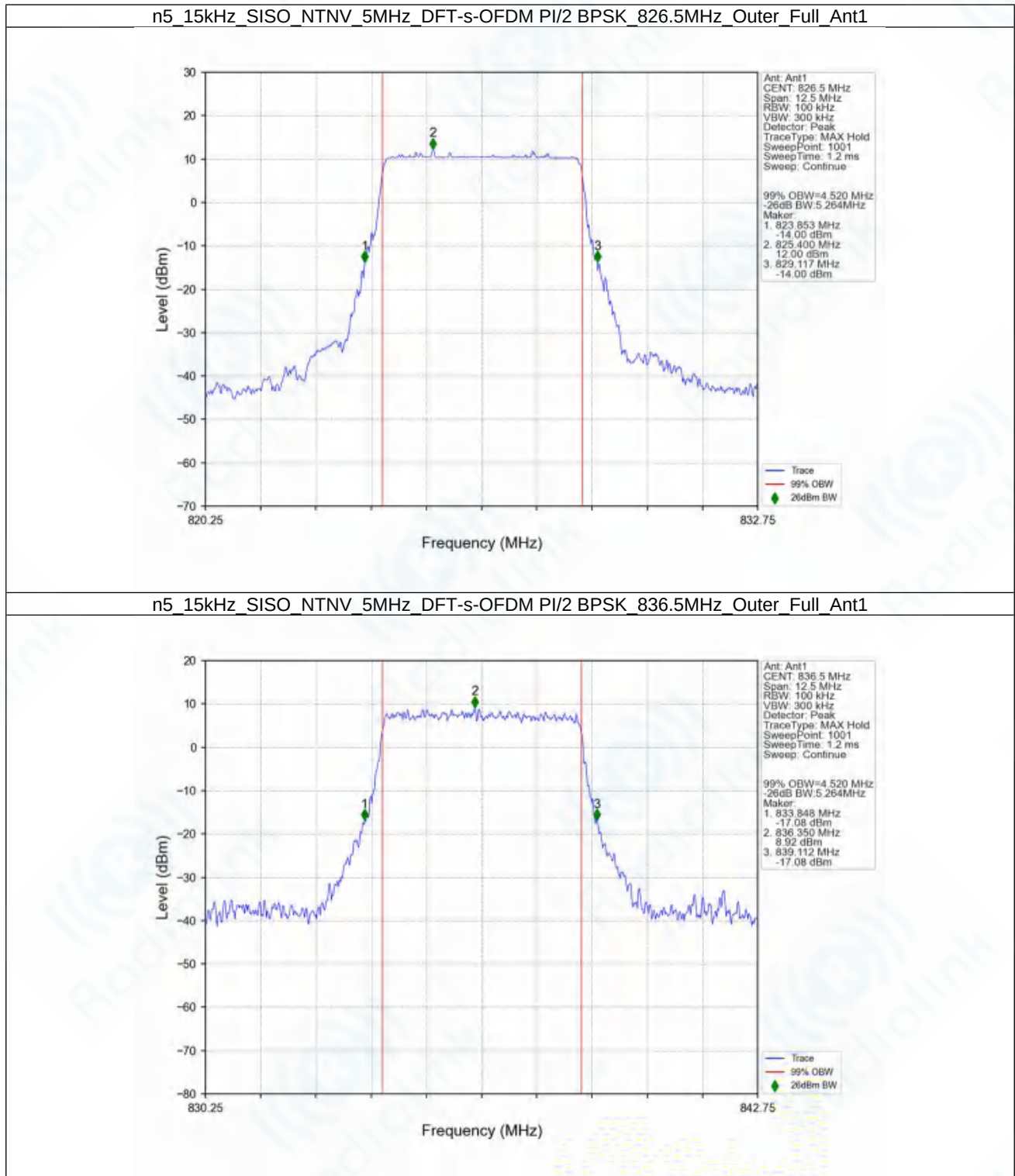


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## 3.2 Test Graph

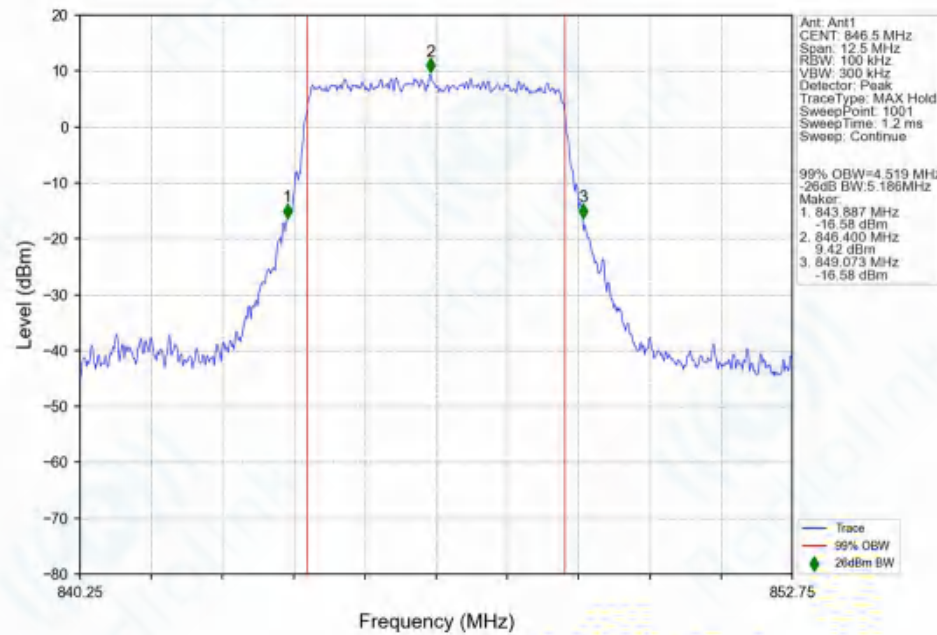
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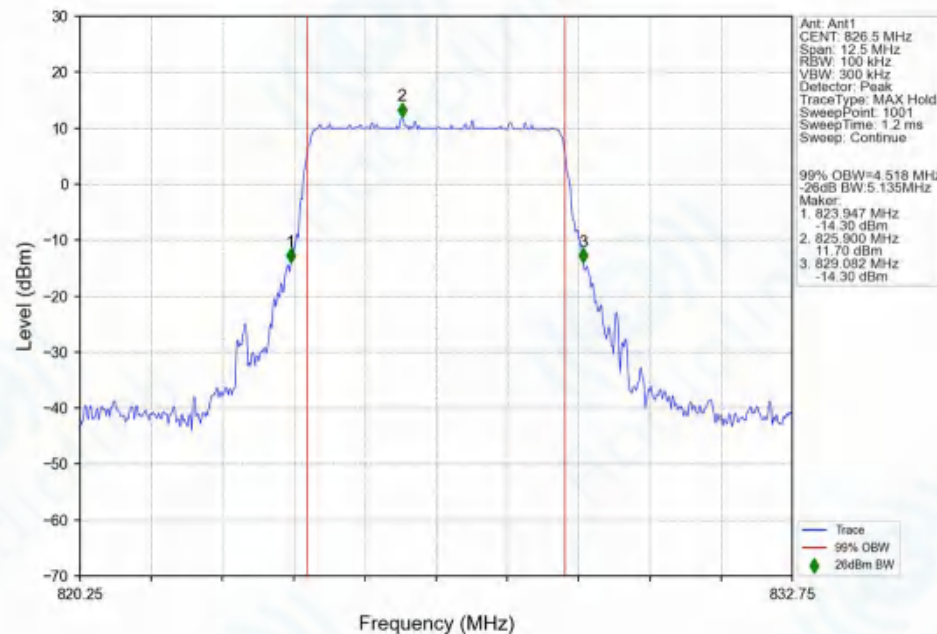
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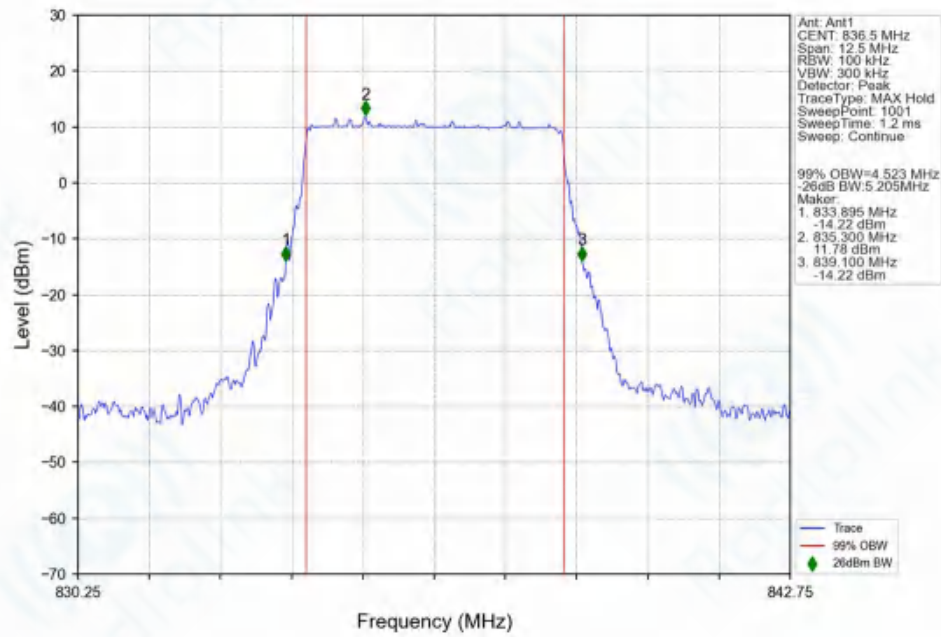
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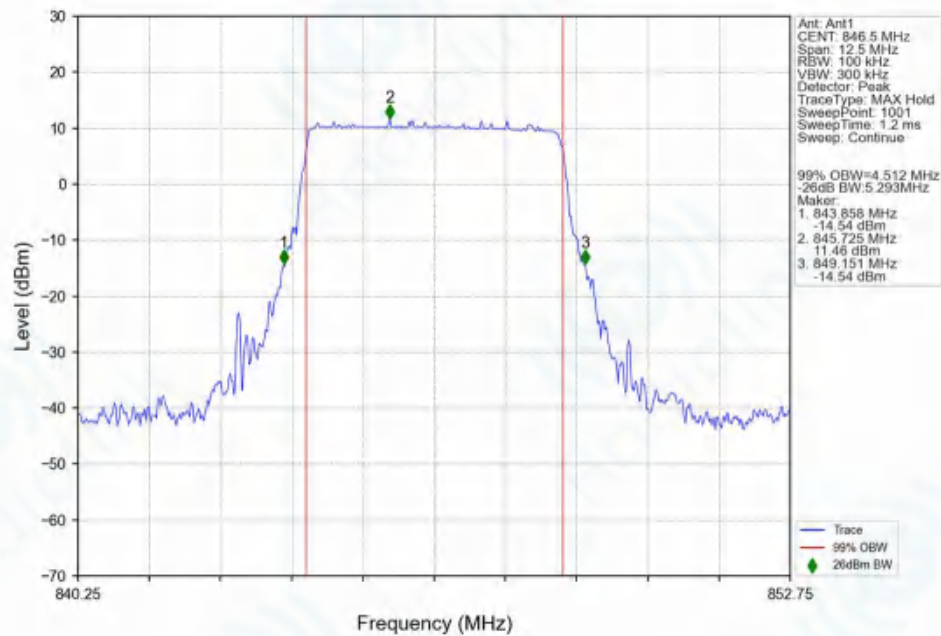
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Outer\_Full\_Ant1



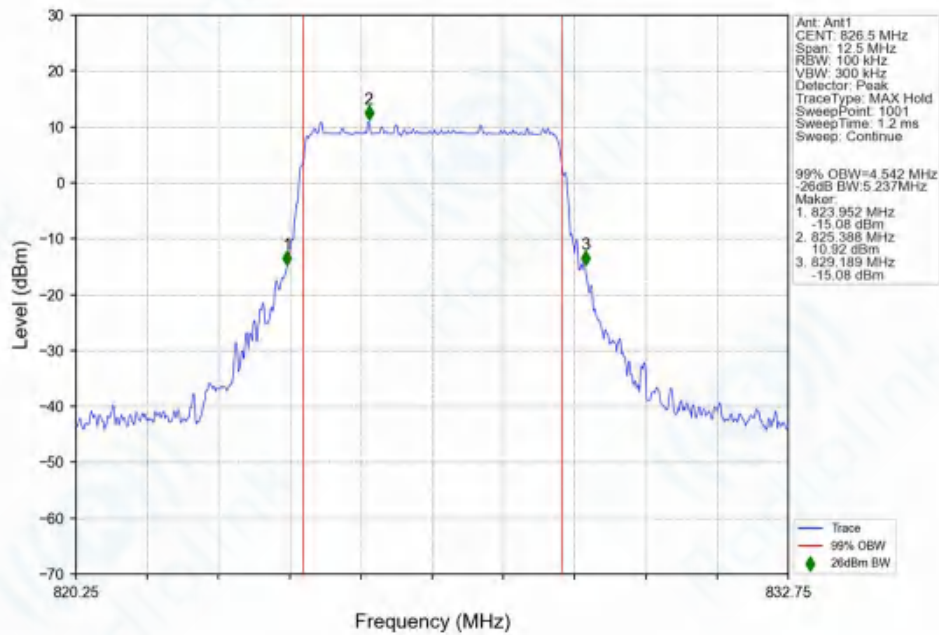
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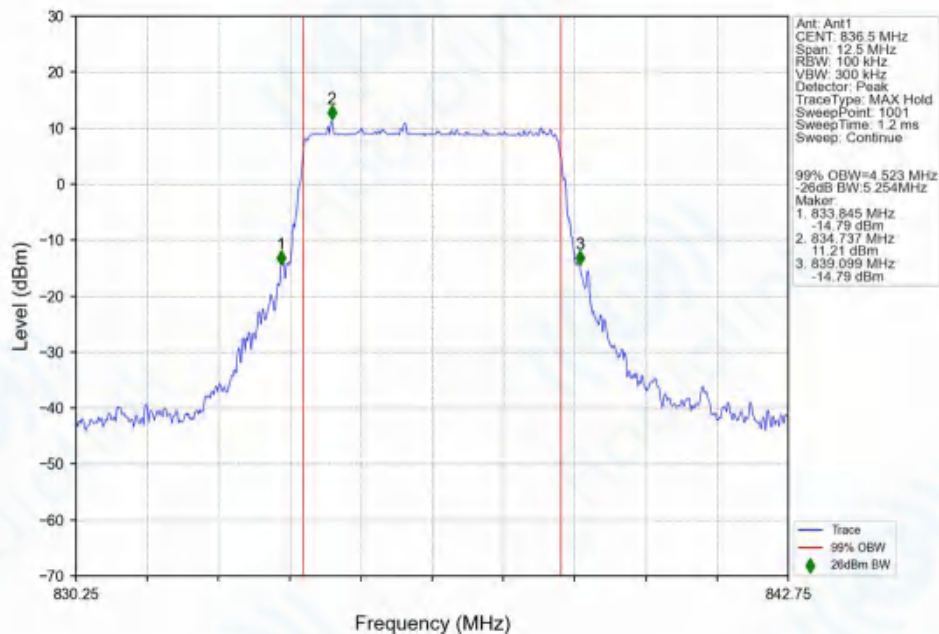
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_826.5MHz\_Outer\_Full\_Ant1



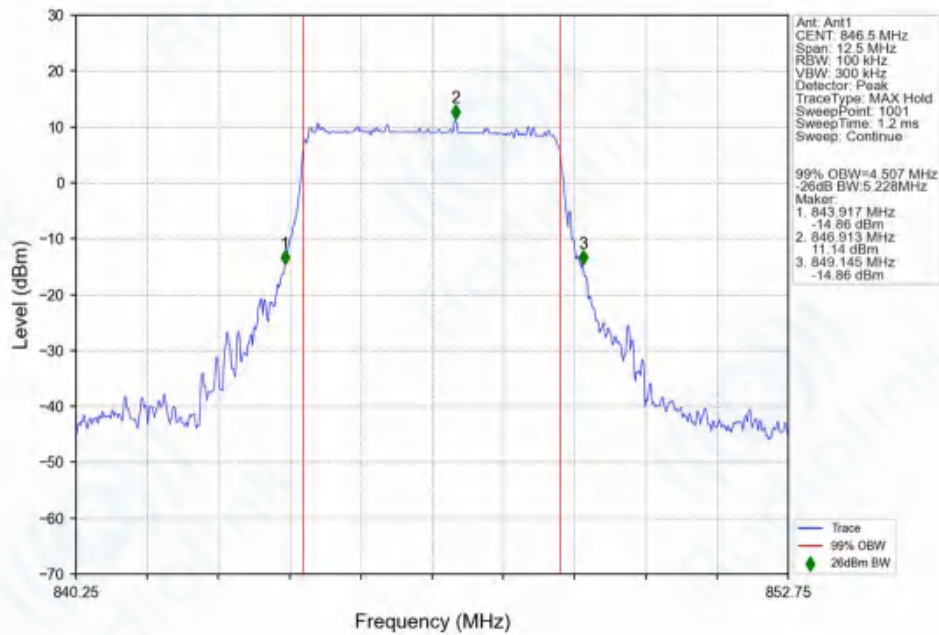
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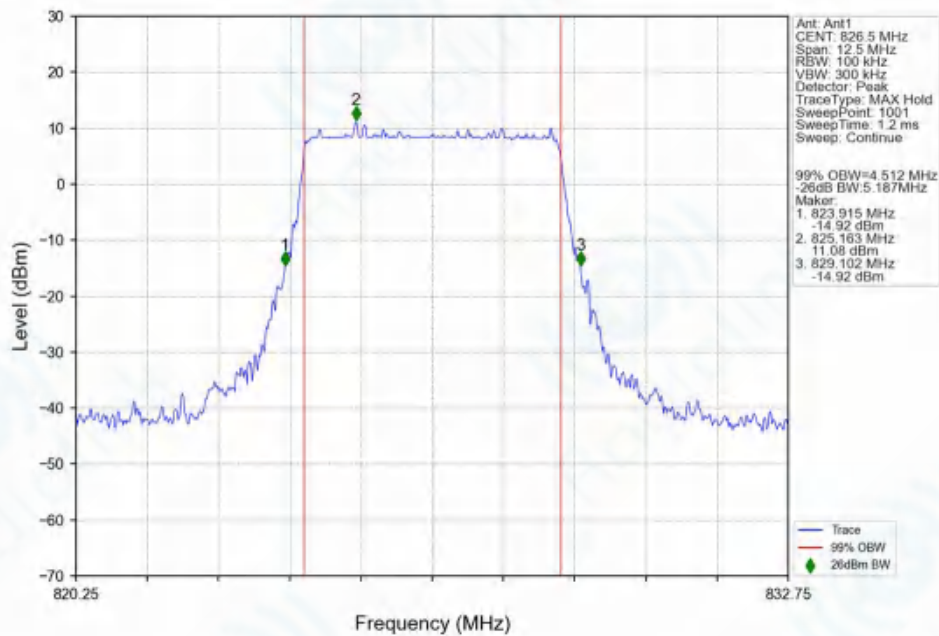
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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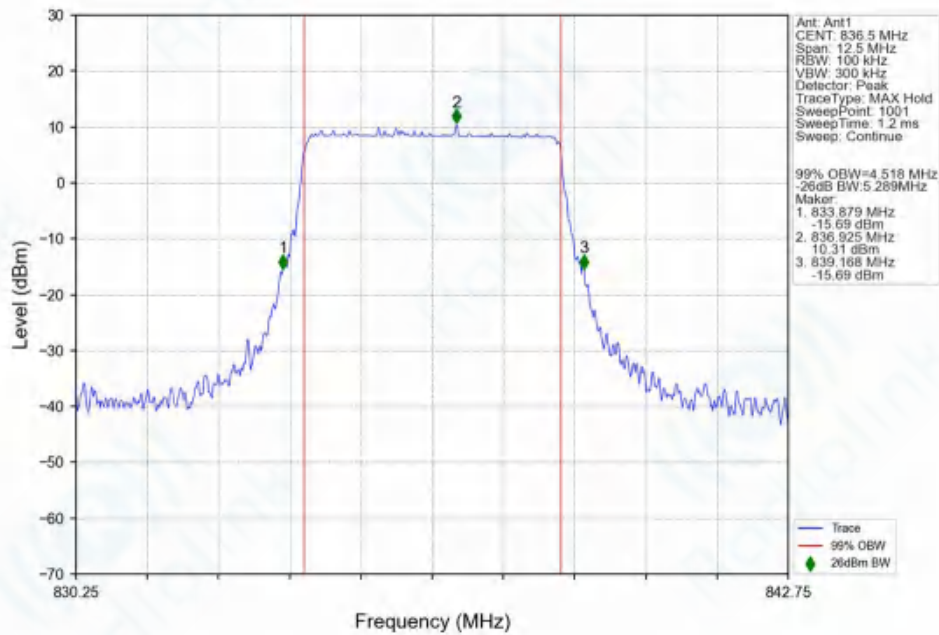
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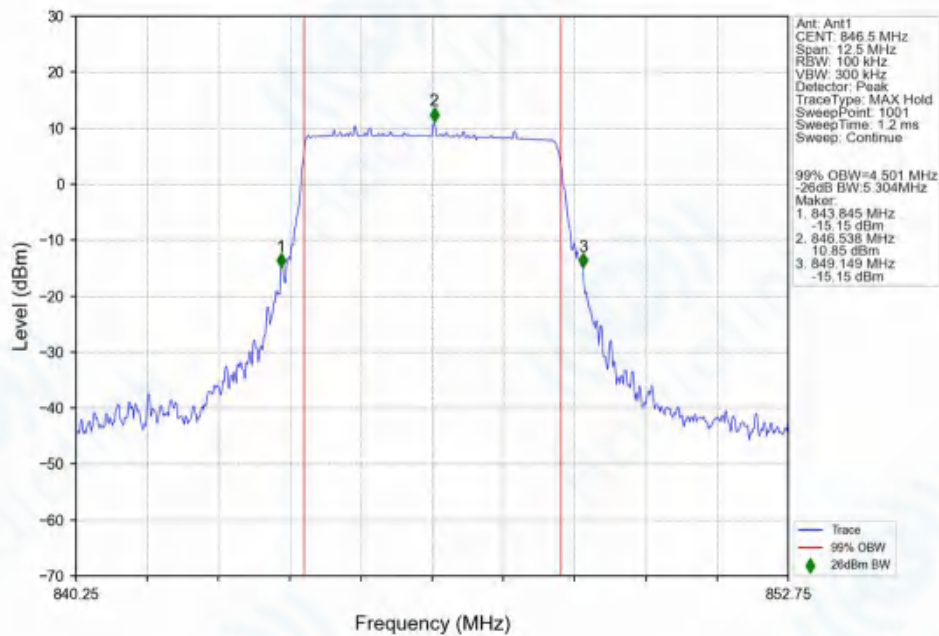
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 64 QAM\_836.5MHz\_Outer\_Full\_Ant1



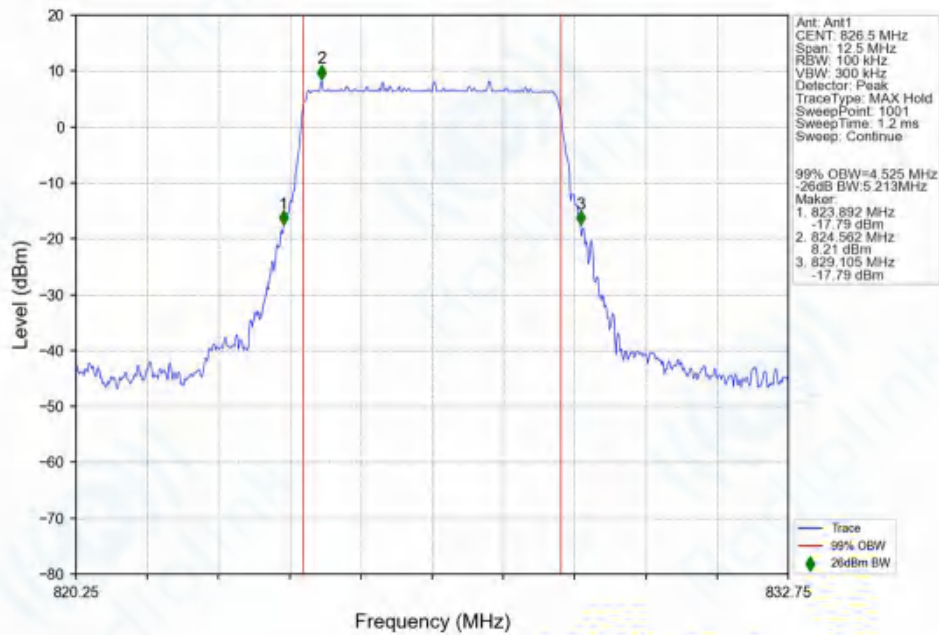
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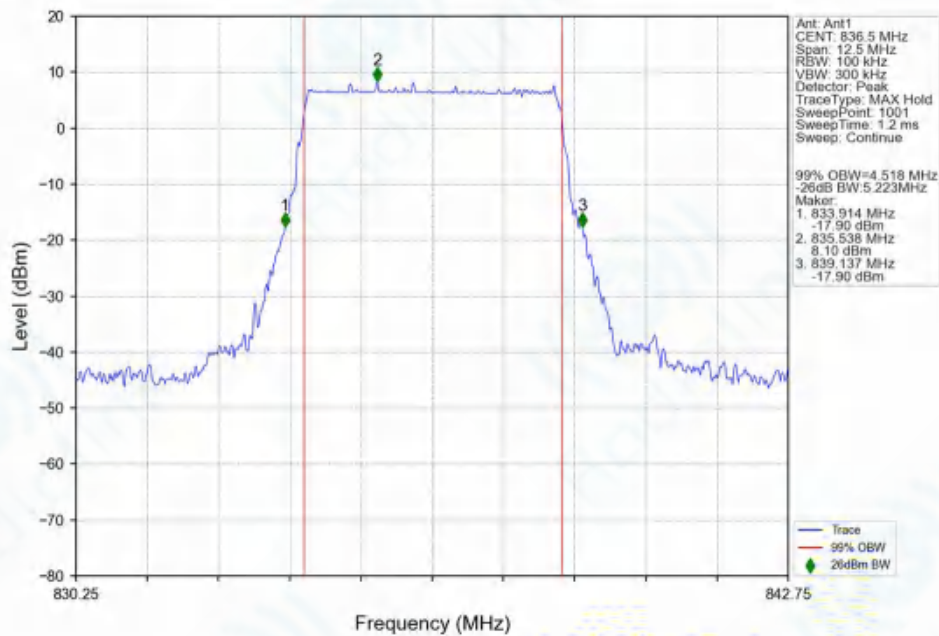
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_826.5MHz\_Outer\_Full\_Ant1



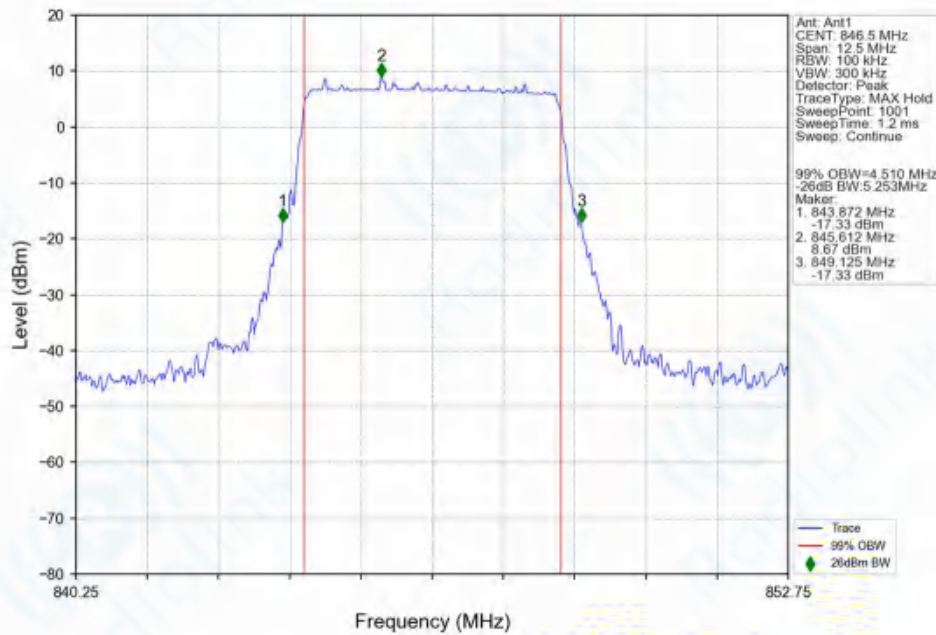
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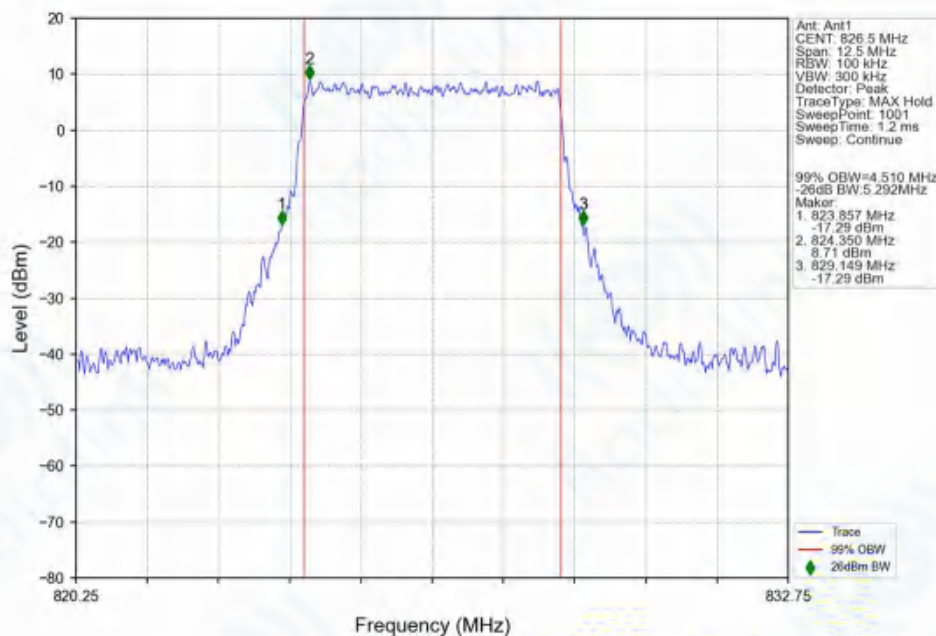
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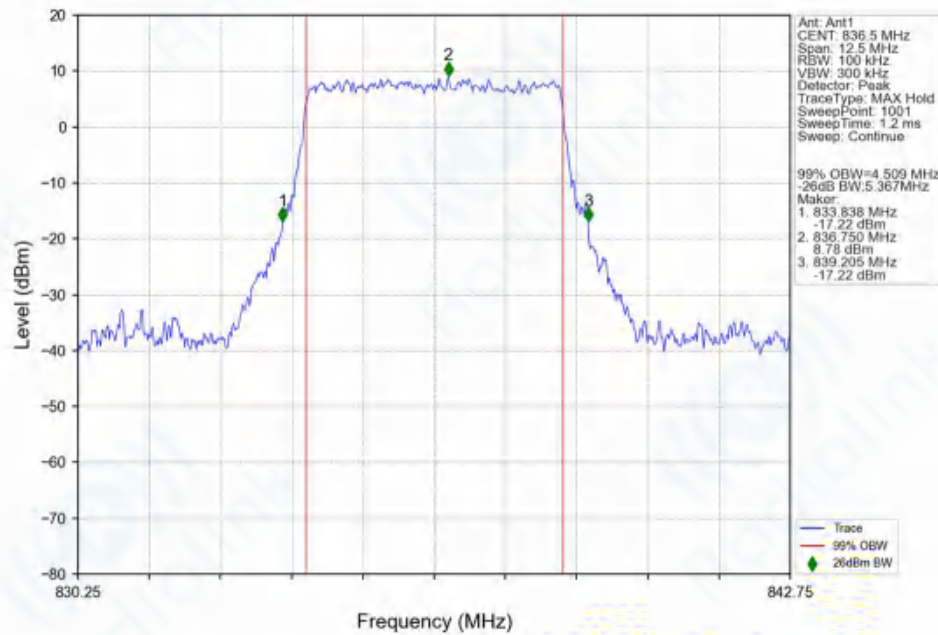
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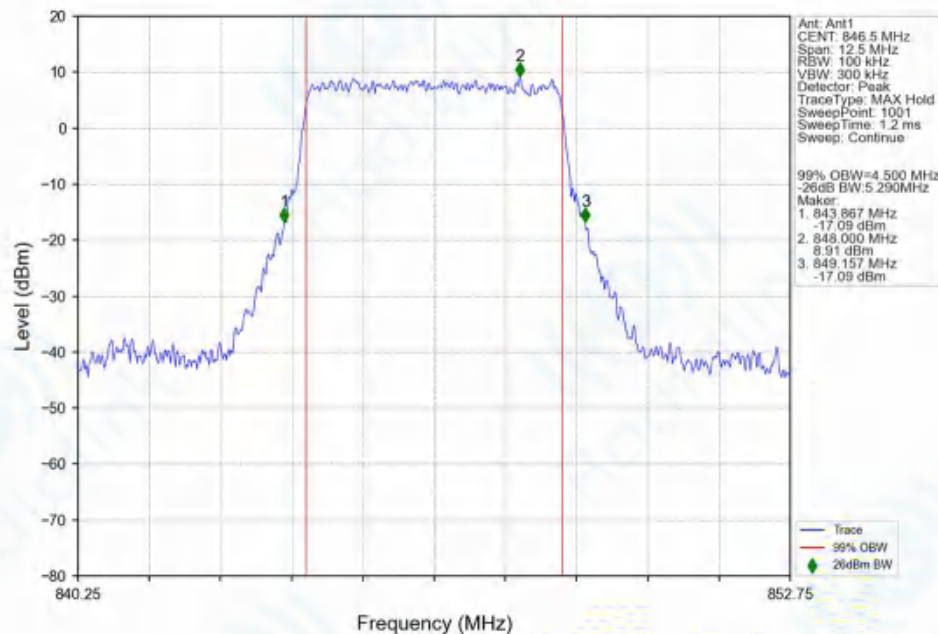
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_836.5MHz\_Outer\_Full\_Ant1

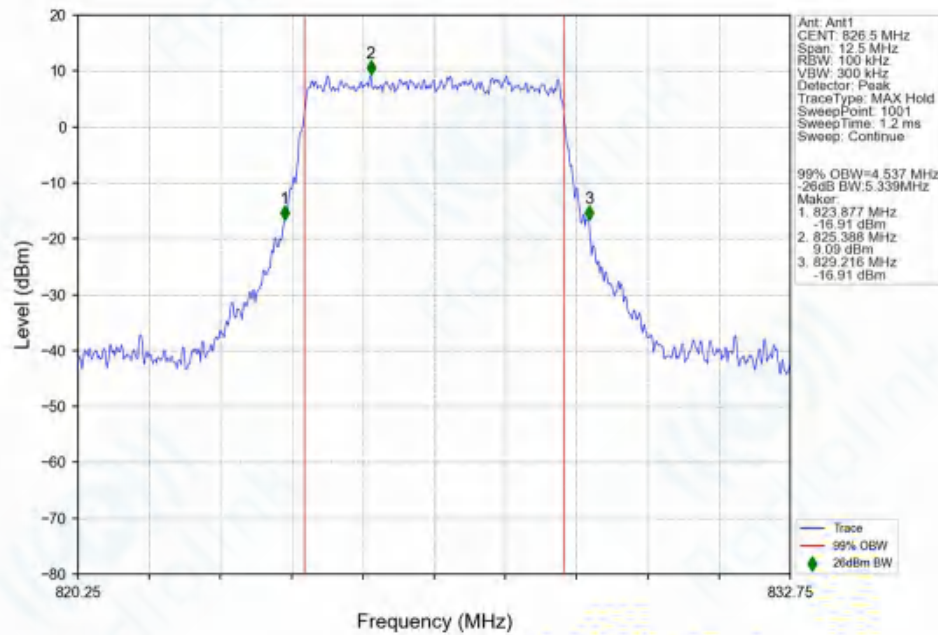


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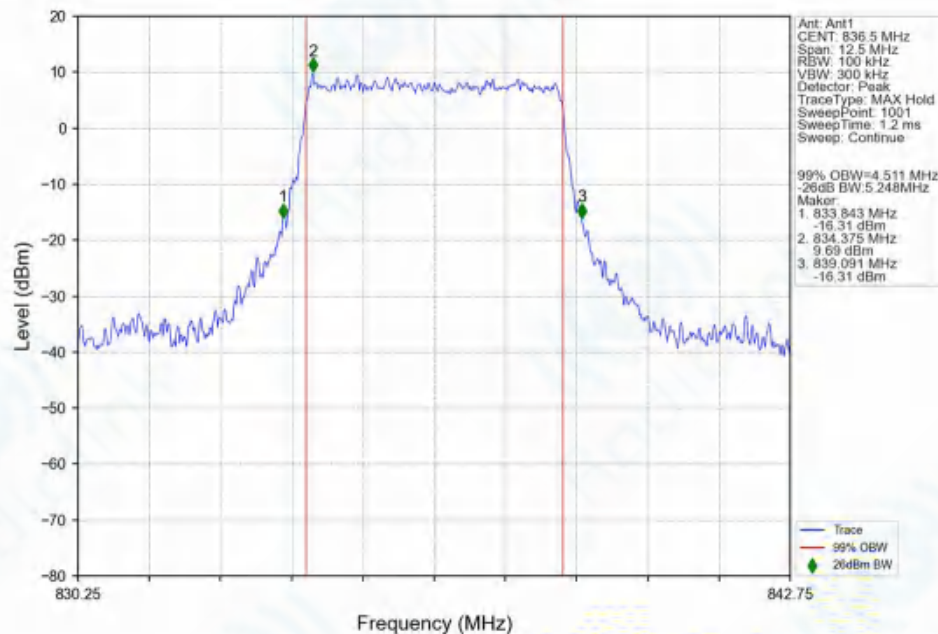

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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_826.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_836.5MHz\_Outer\_Full\_Ant1

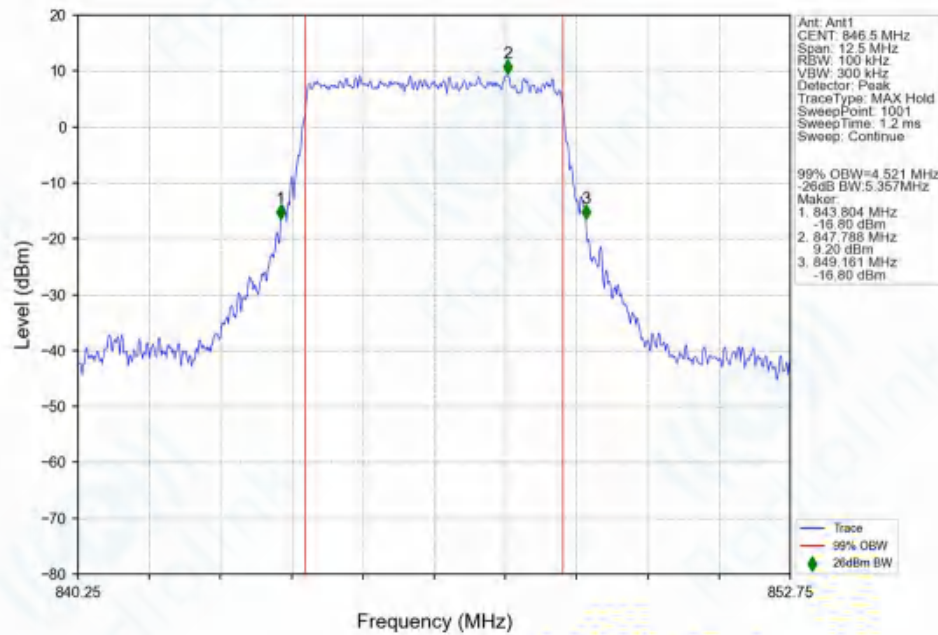


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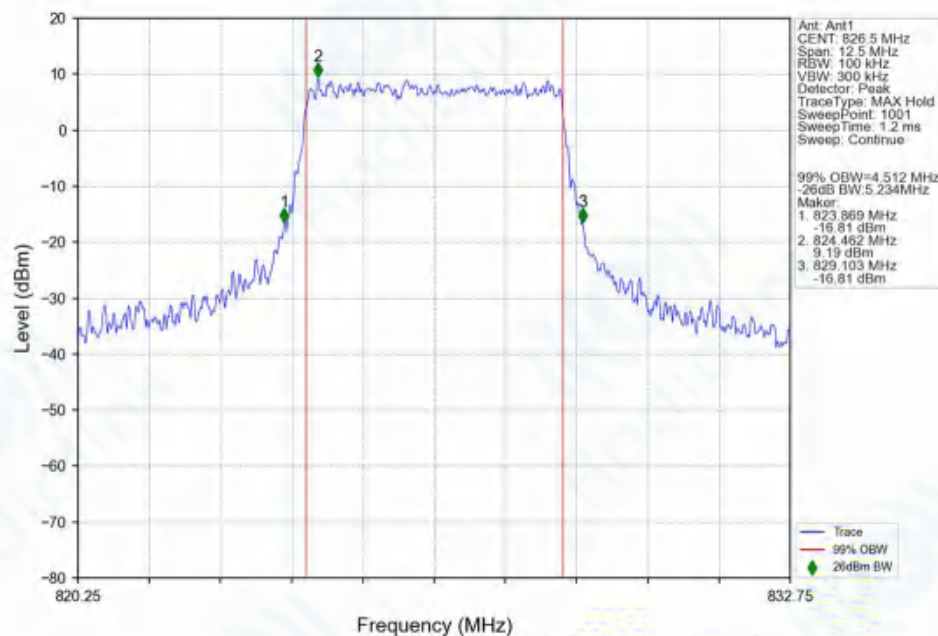
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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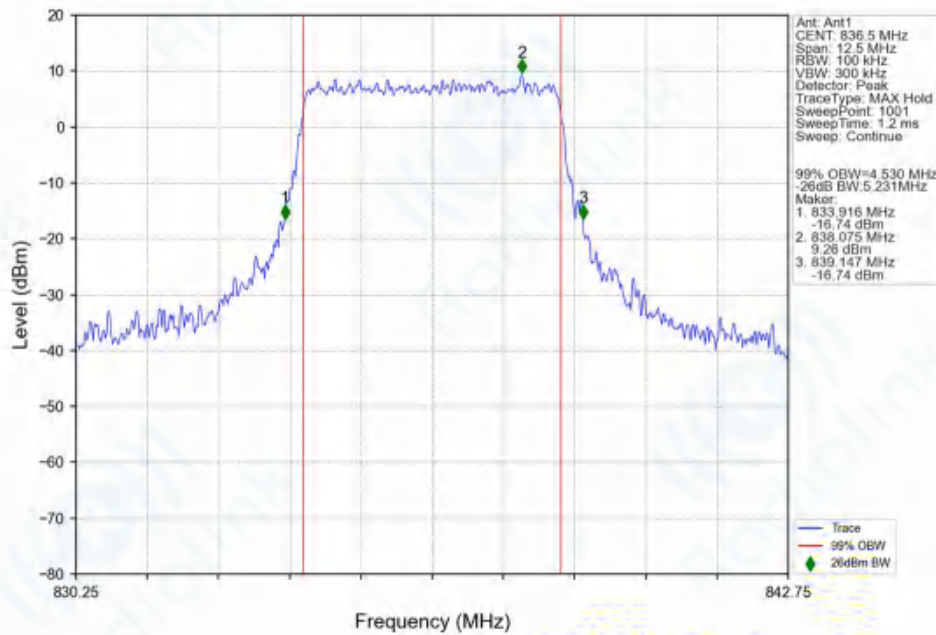
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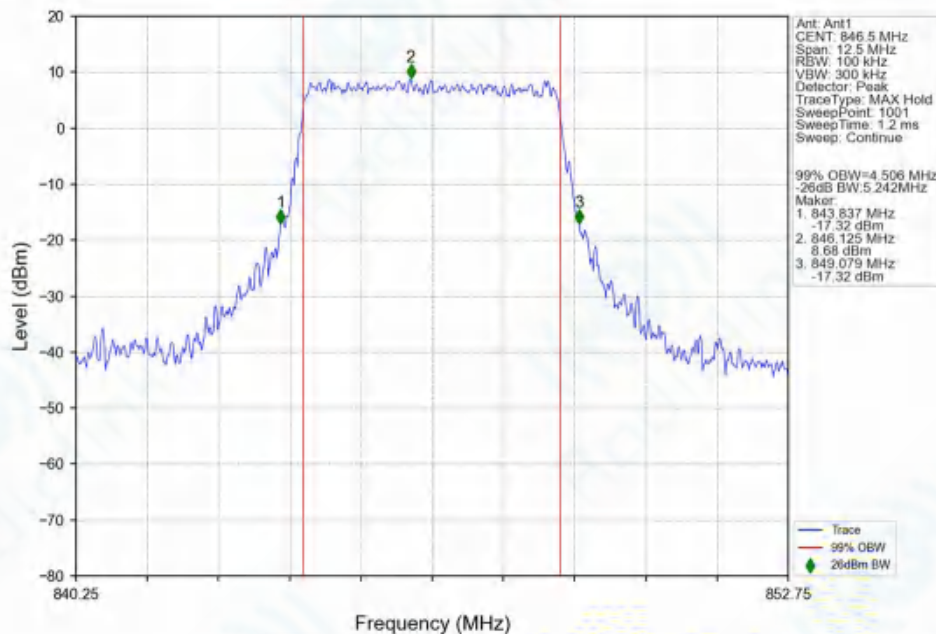
n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 64 QAM\_826.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 64 QAM\_836.5MHz\_Outer\_Full\_Ant1



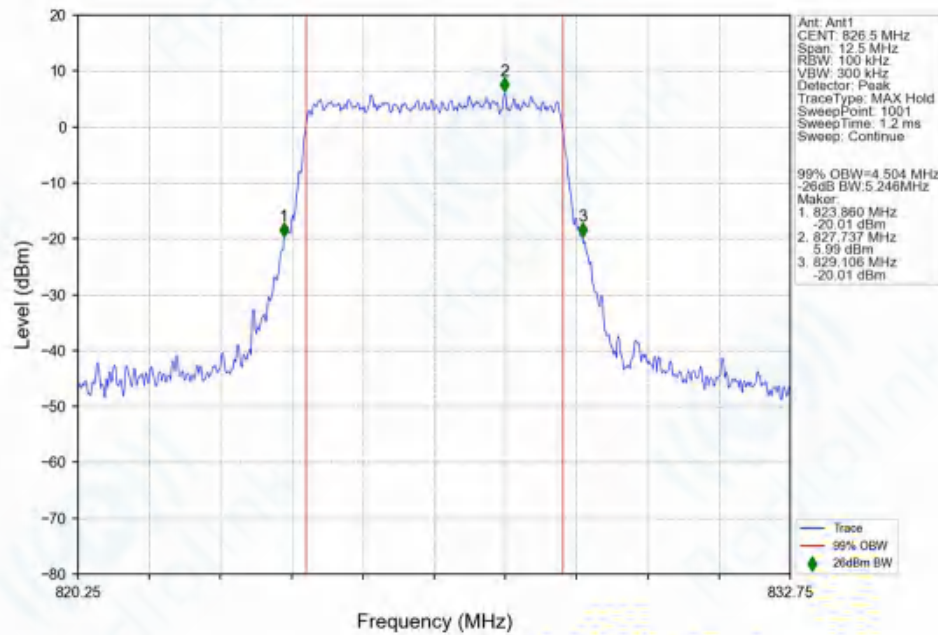
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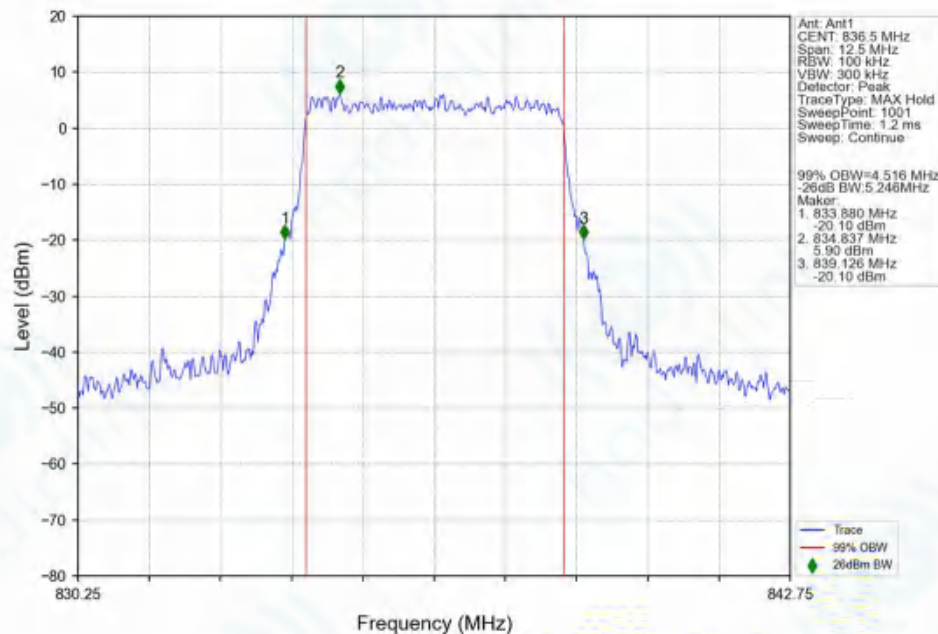
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_826.5MHz\_Outer\_Full\_Ant1

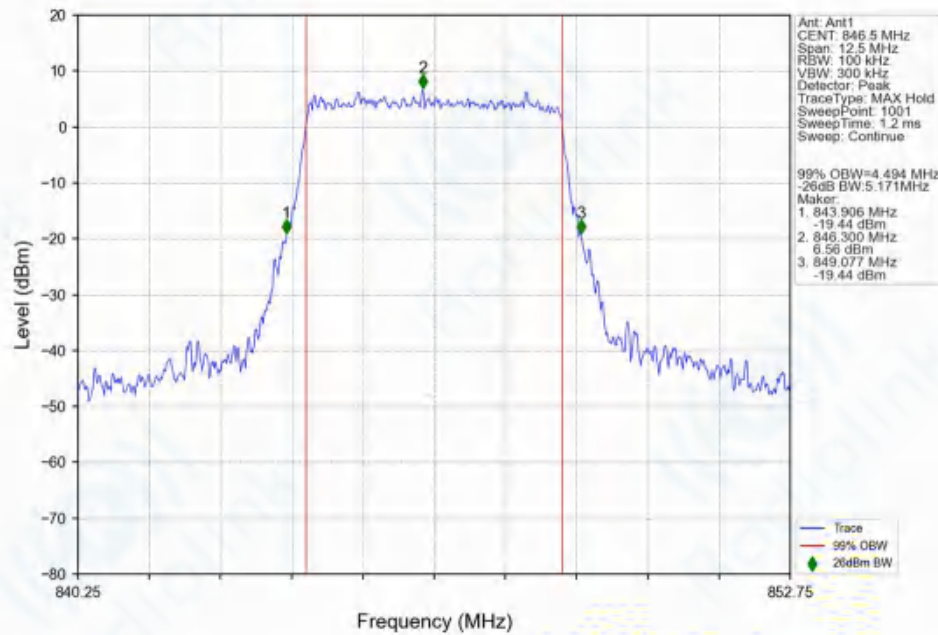


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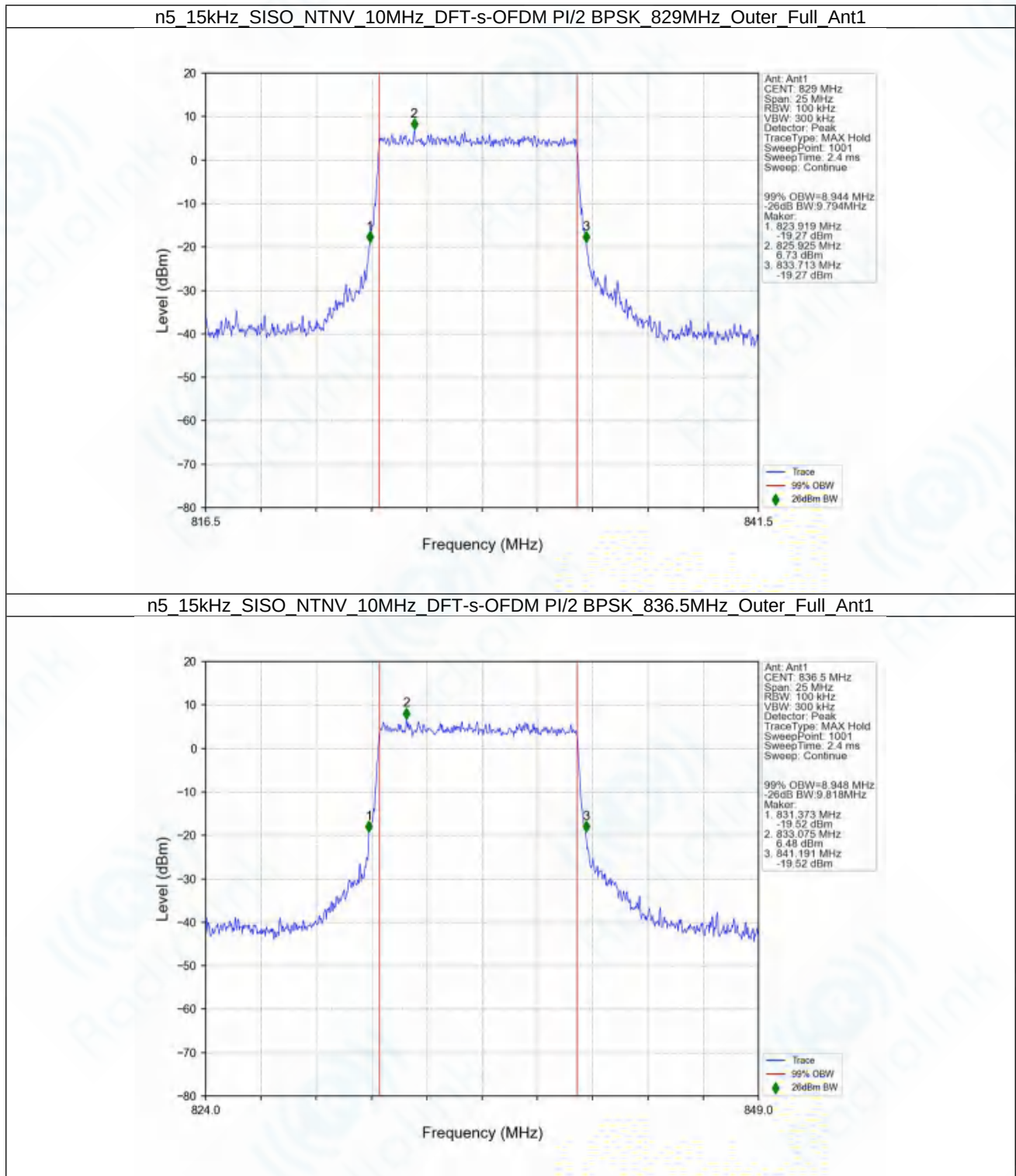

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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_846.5MHz\_Outer\_Full\_Ant1



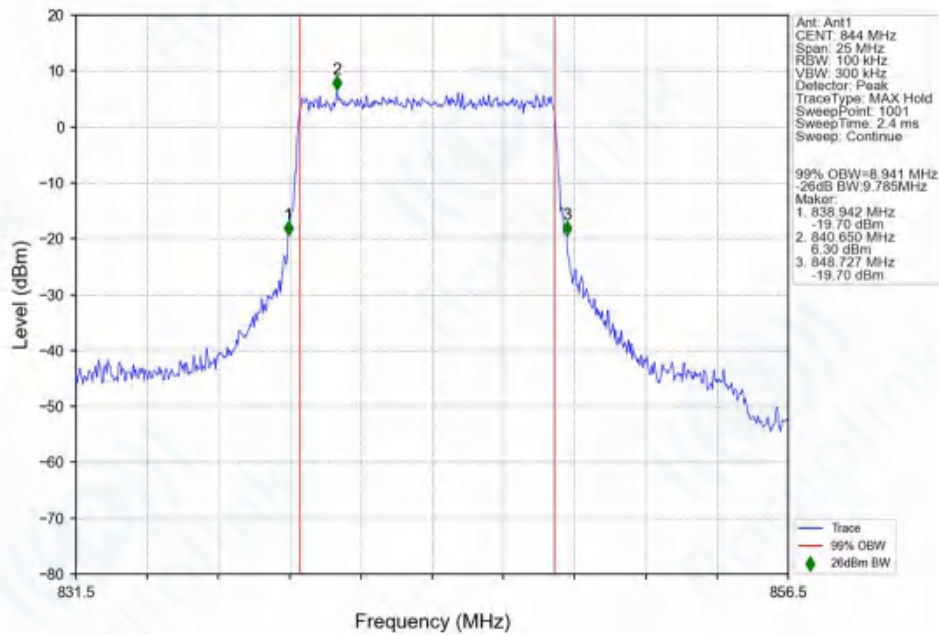
### 3.2.2 15\_S\_10M\_NTNV



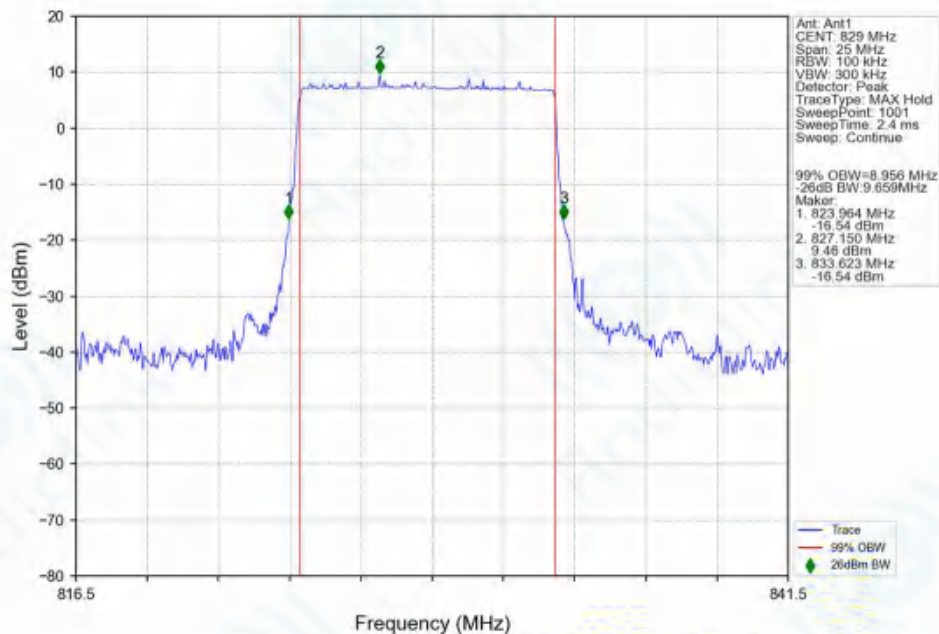
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_844MHz\_Outer\_Full\_Ant1



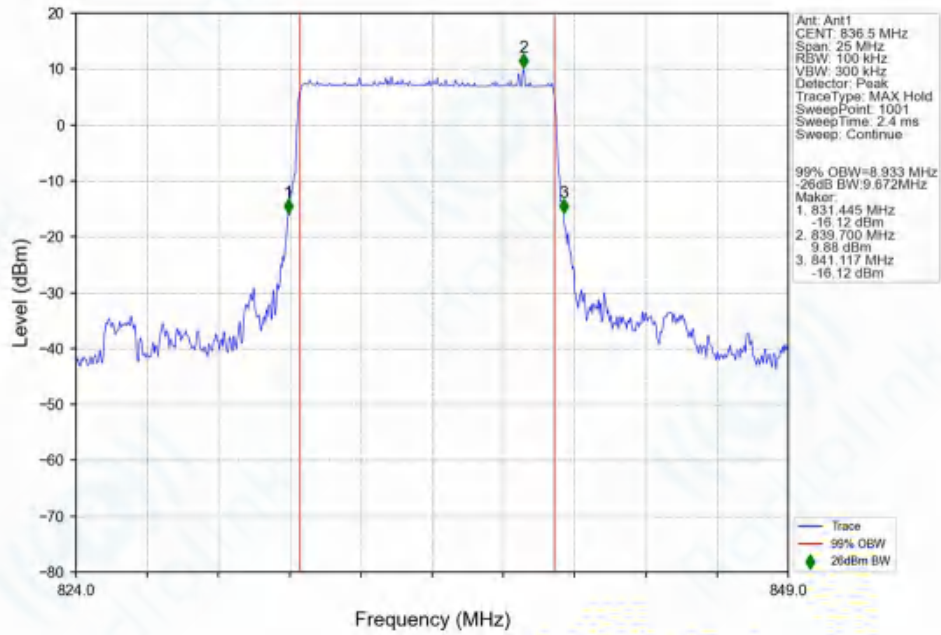
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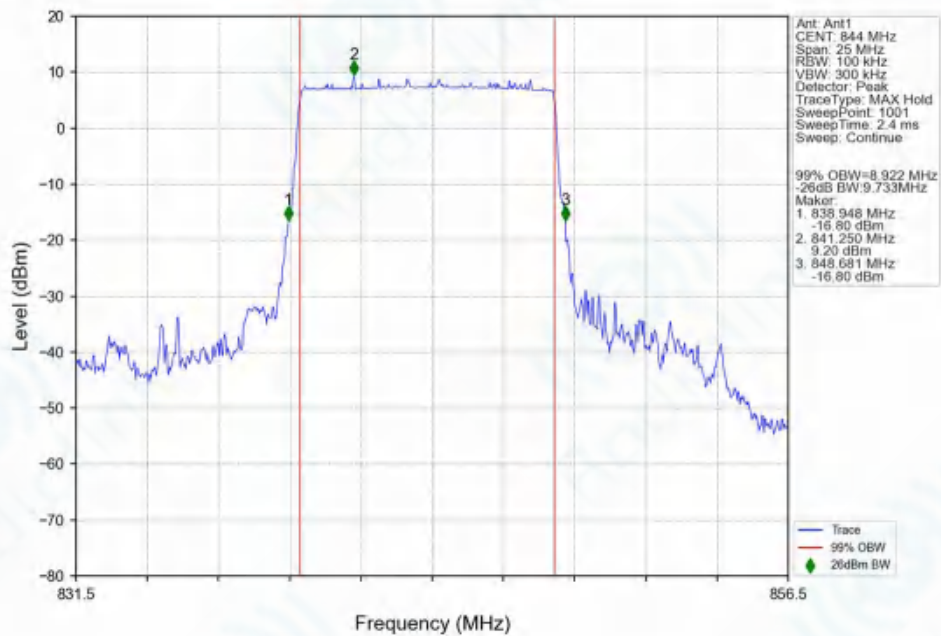
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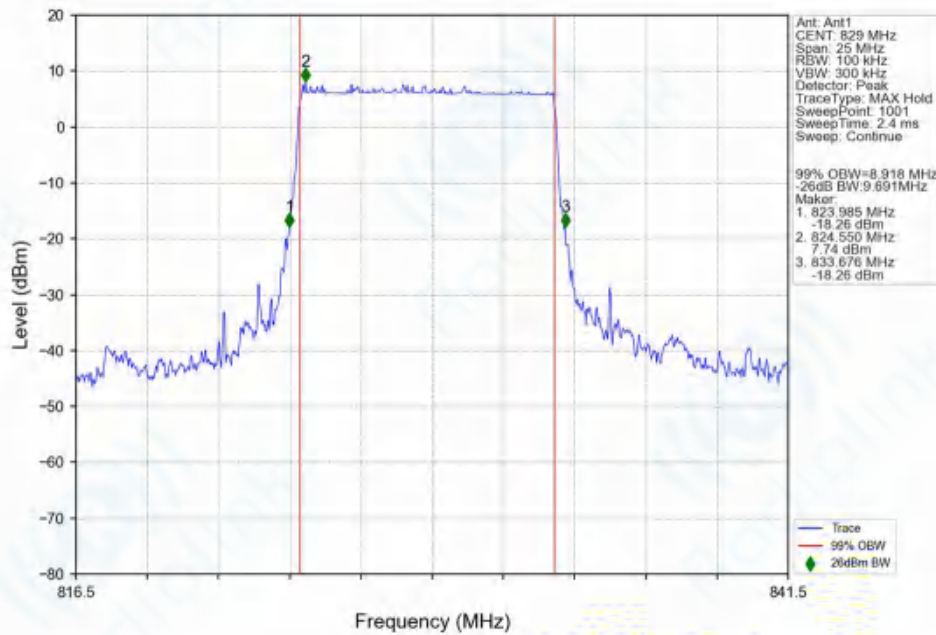
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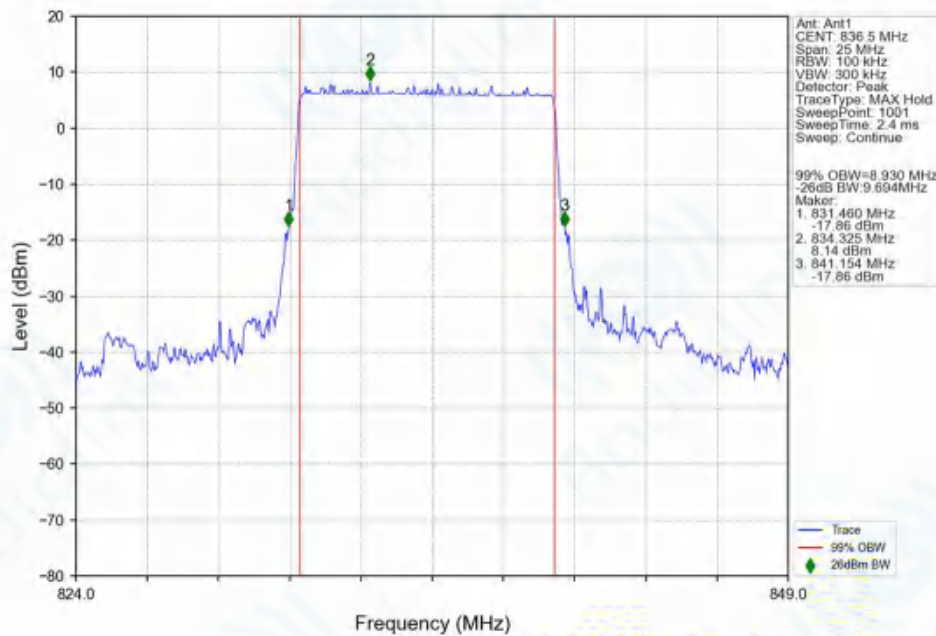
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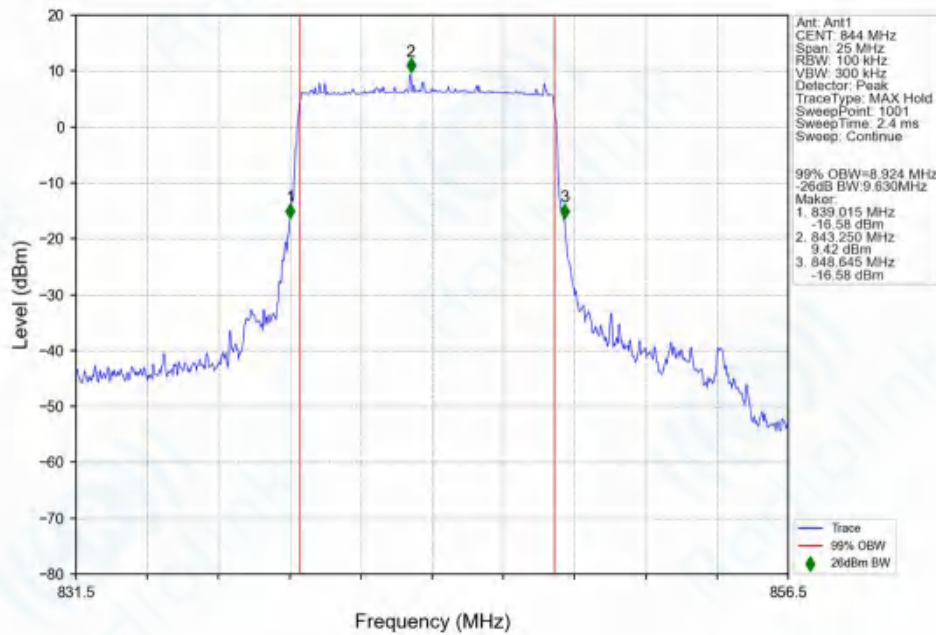


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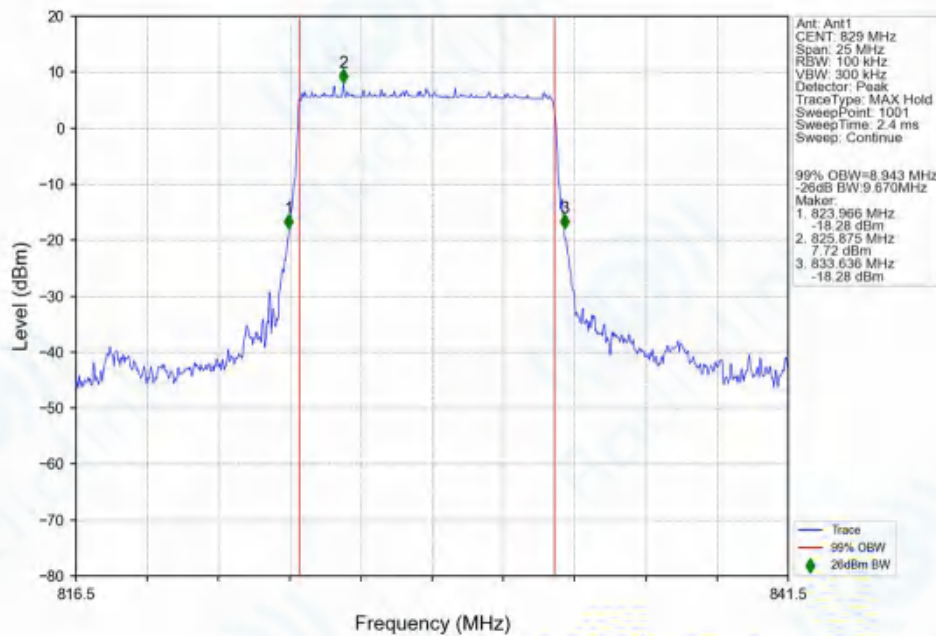

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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_844MHz\_Outer\_Full\_Ant1



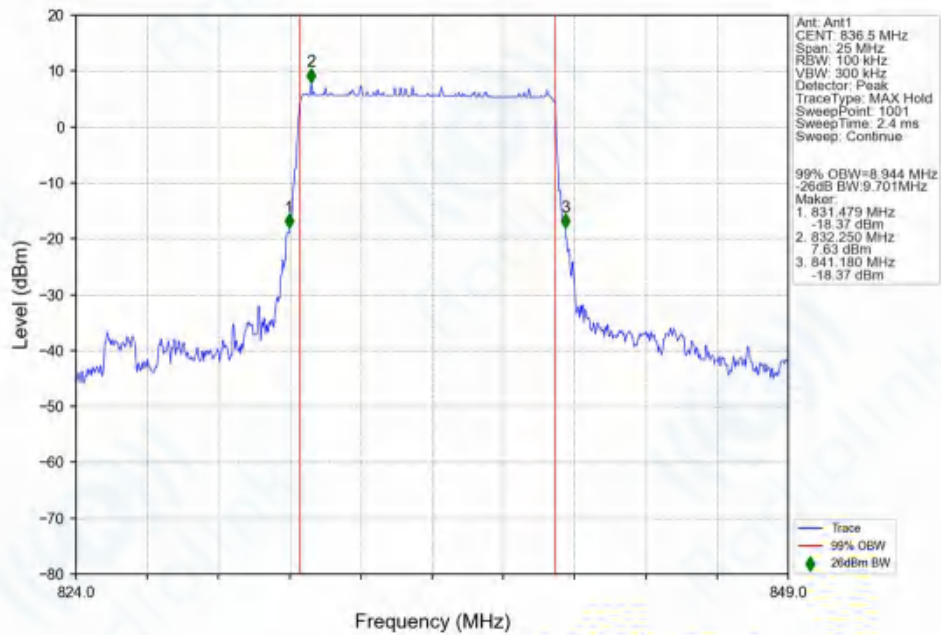
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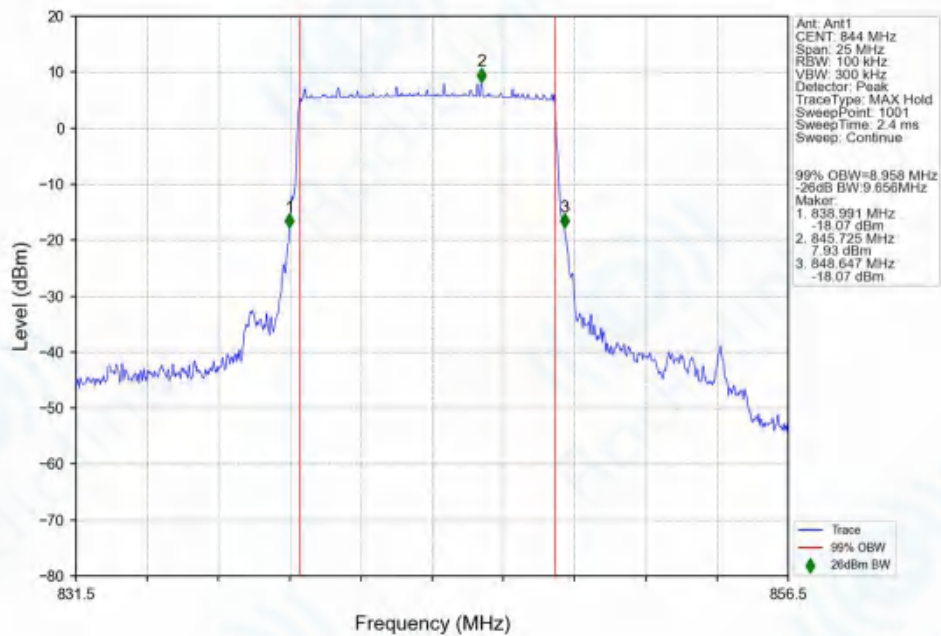
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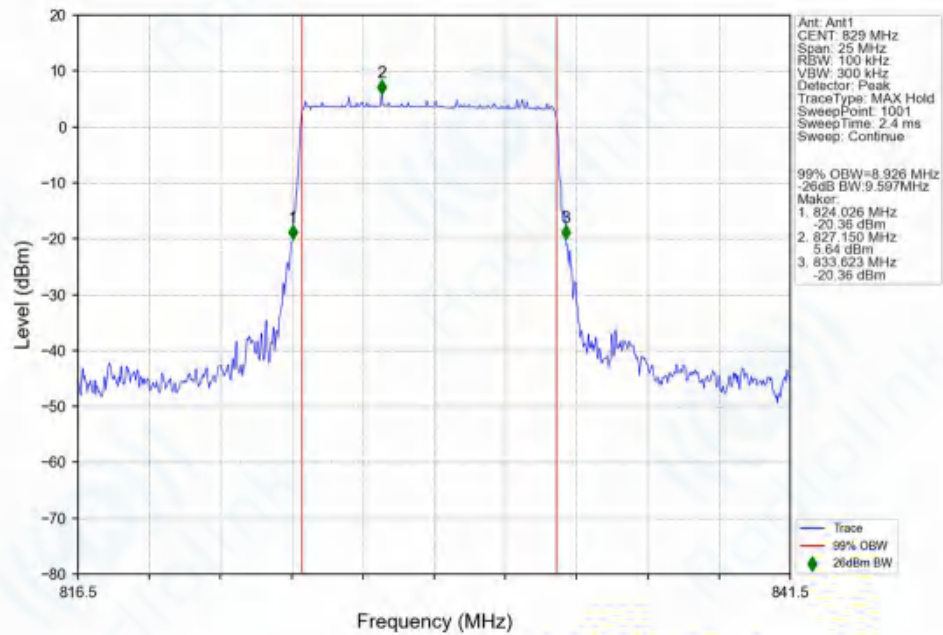
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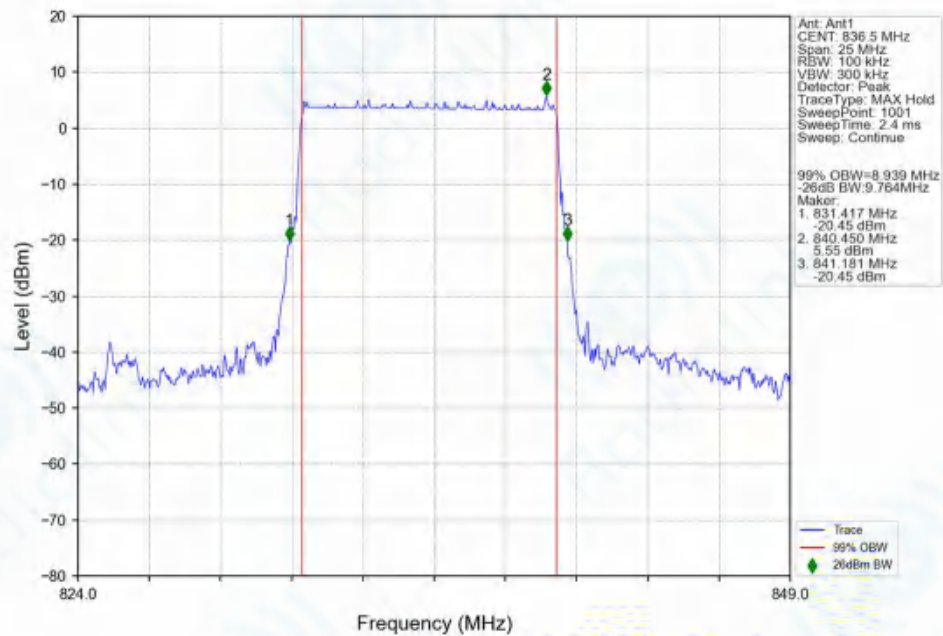
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_256\_QAM\_829MHz\_Outer\_Full\_Ant1



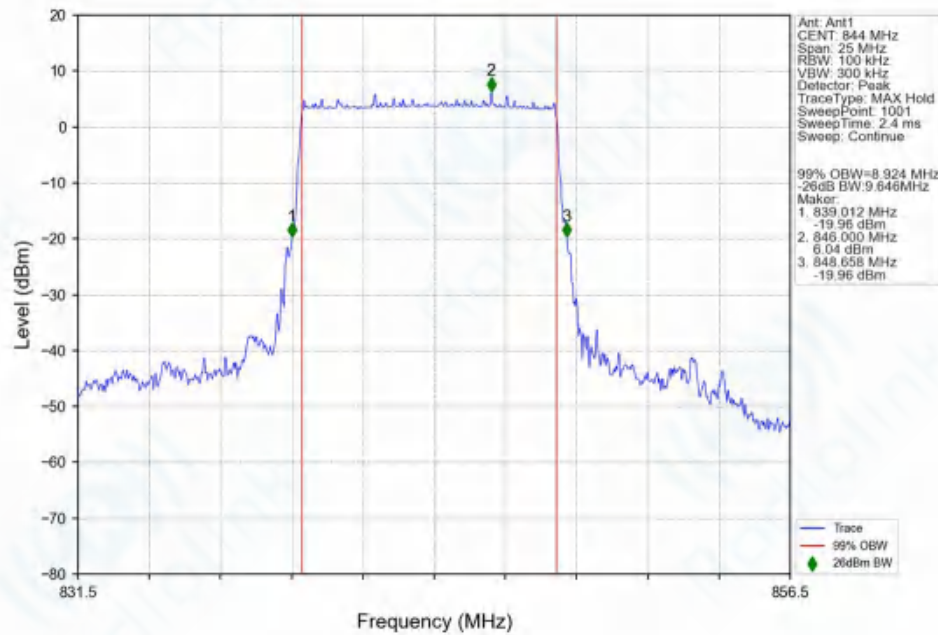
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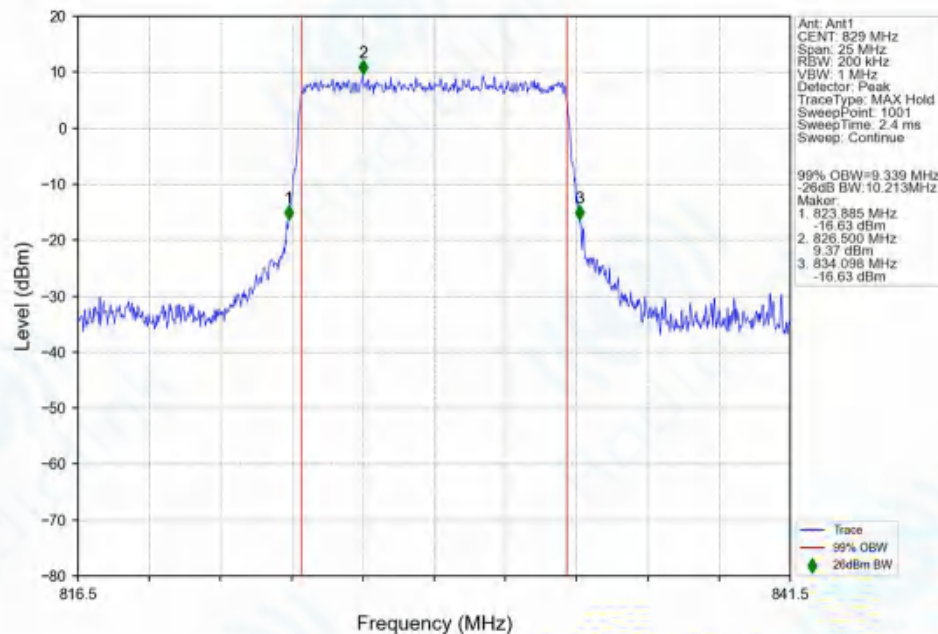
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 256 QAM 844MHz\_Outer\_Full\_Ant1

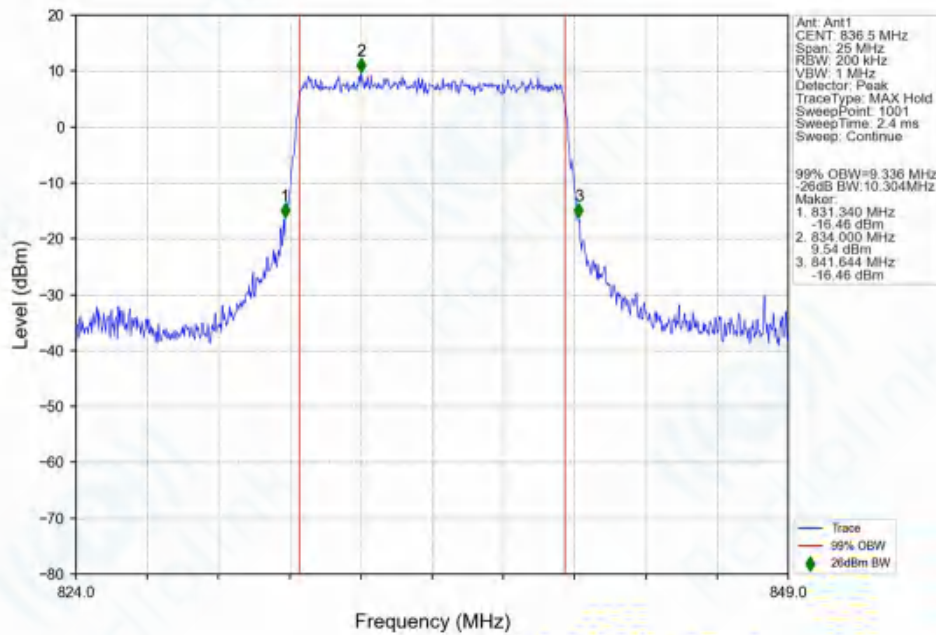


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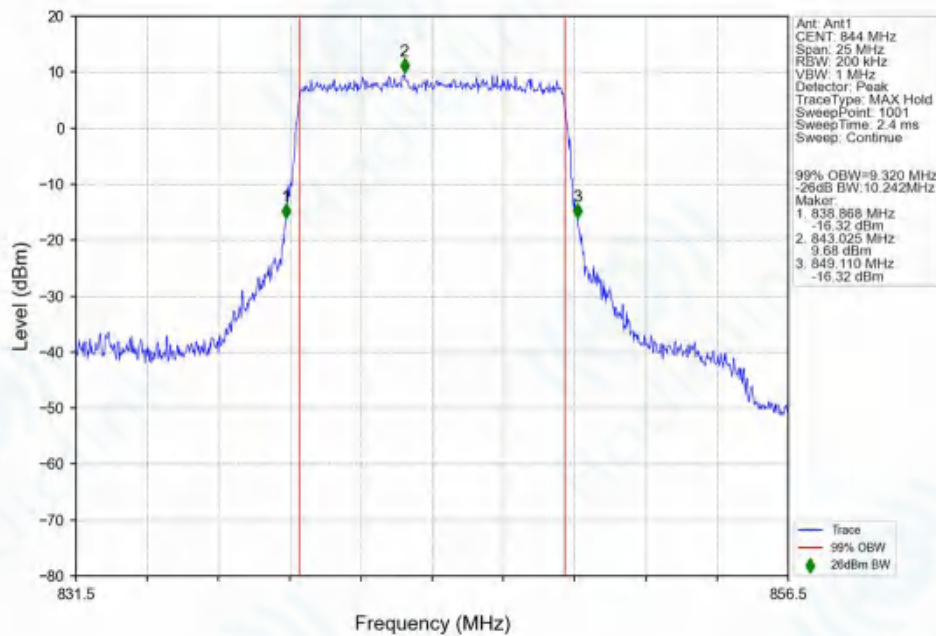

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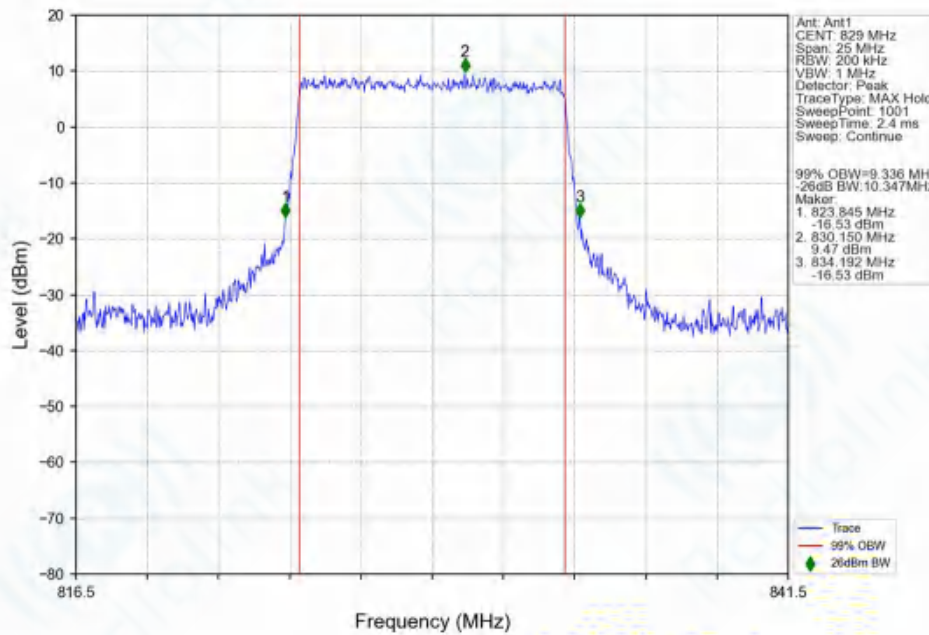
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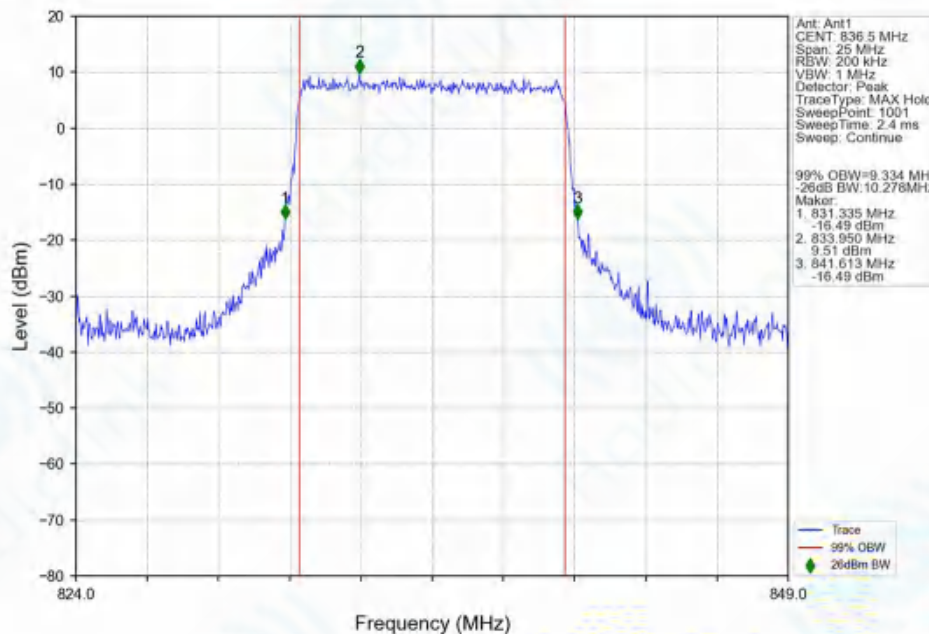
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n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_829MHz\_Outer\_Full\_Ant1



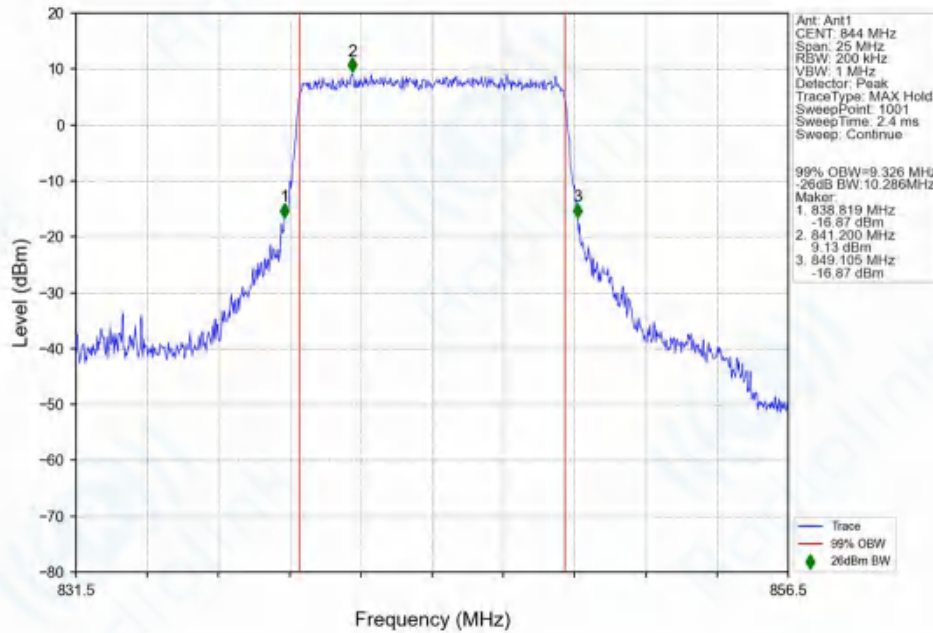
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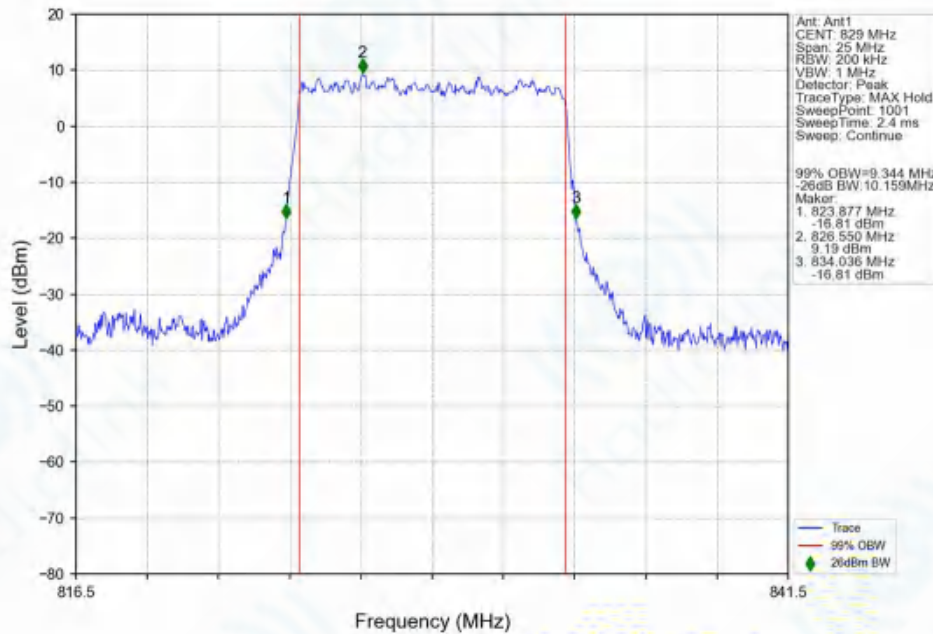
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n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_844MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_829MHz\_Outer\_Full\_Ant1

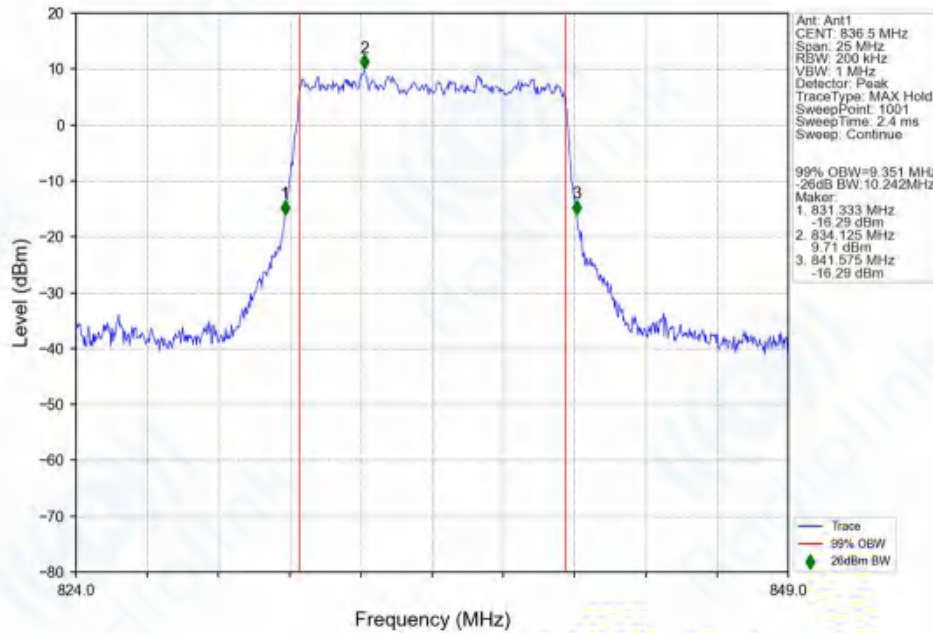


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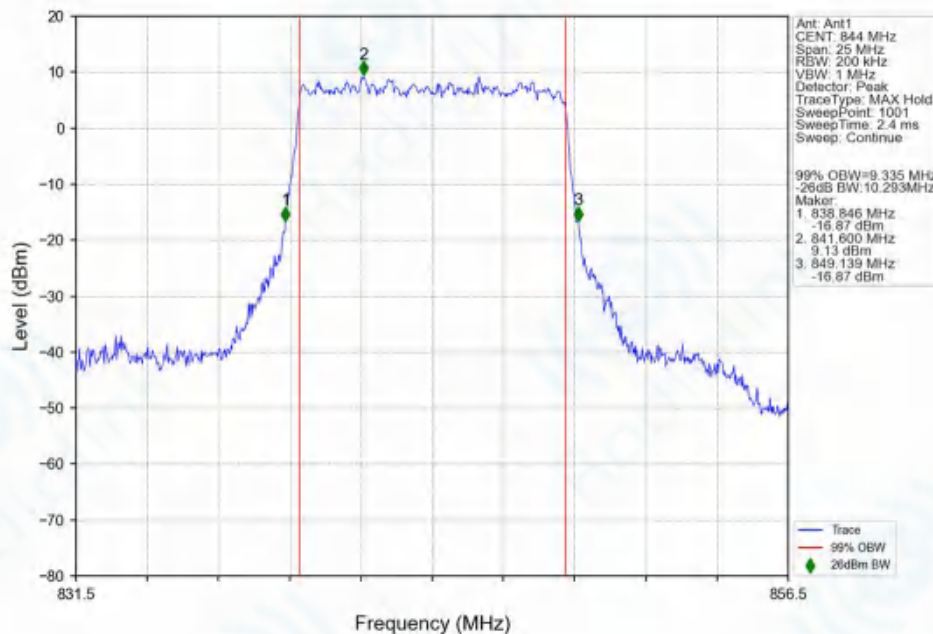
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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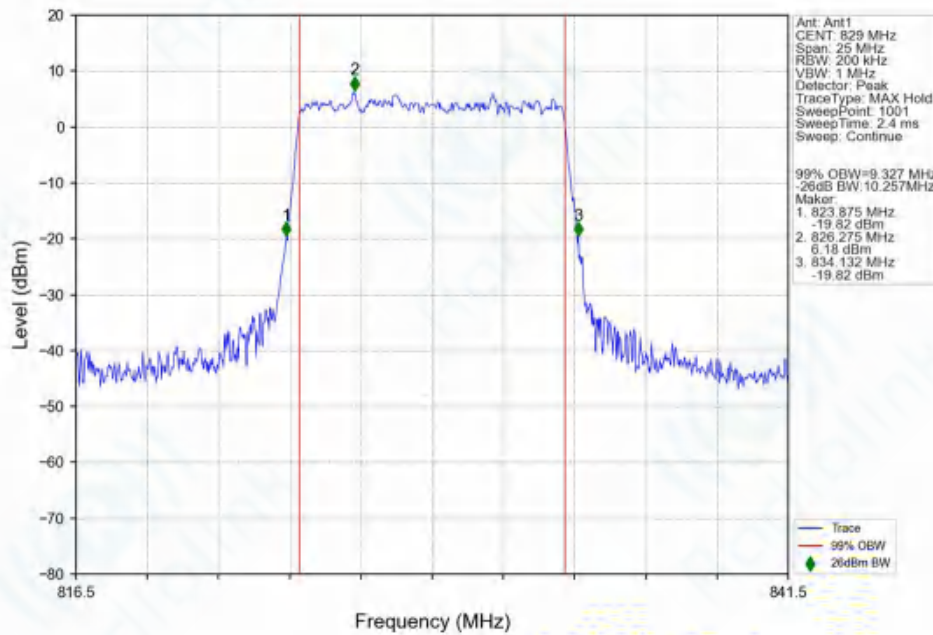
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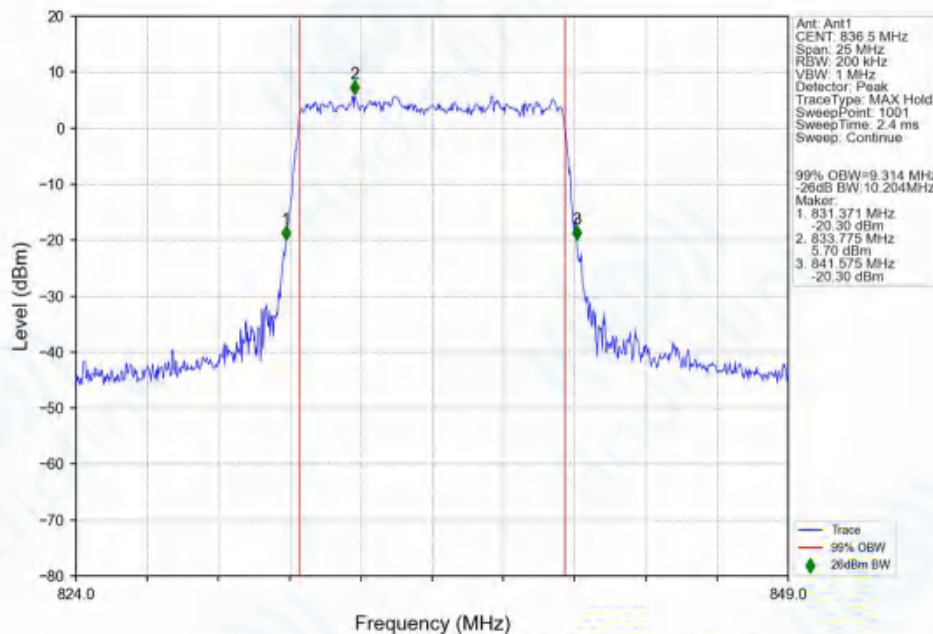
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n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_256\_QAM\_829MHz\_Outer\_Full\_Ant1

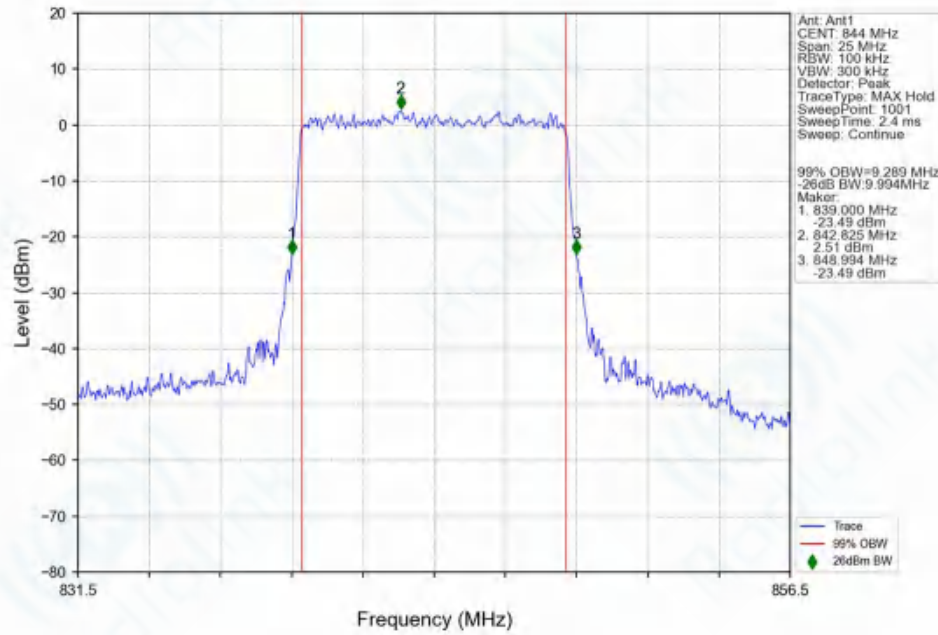


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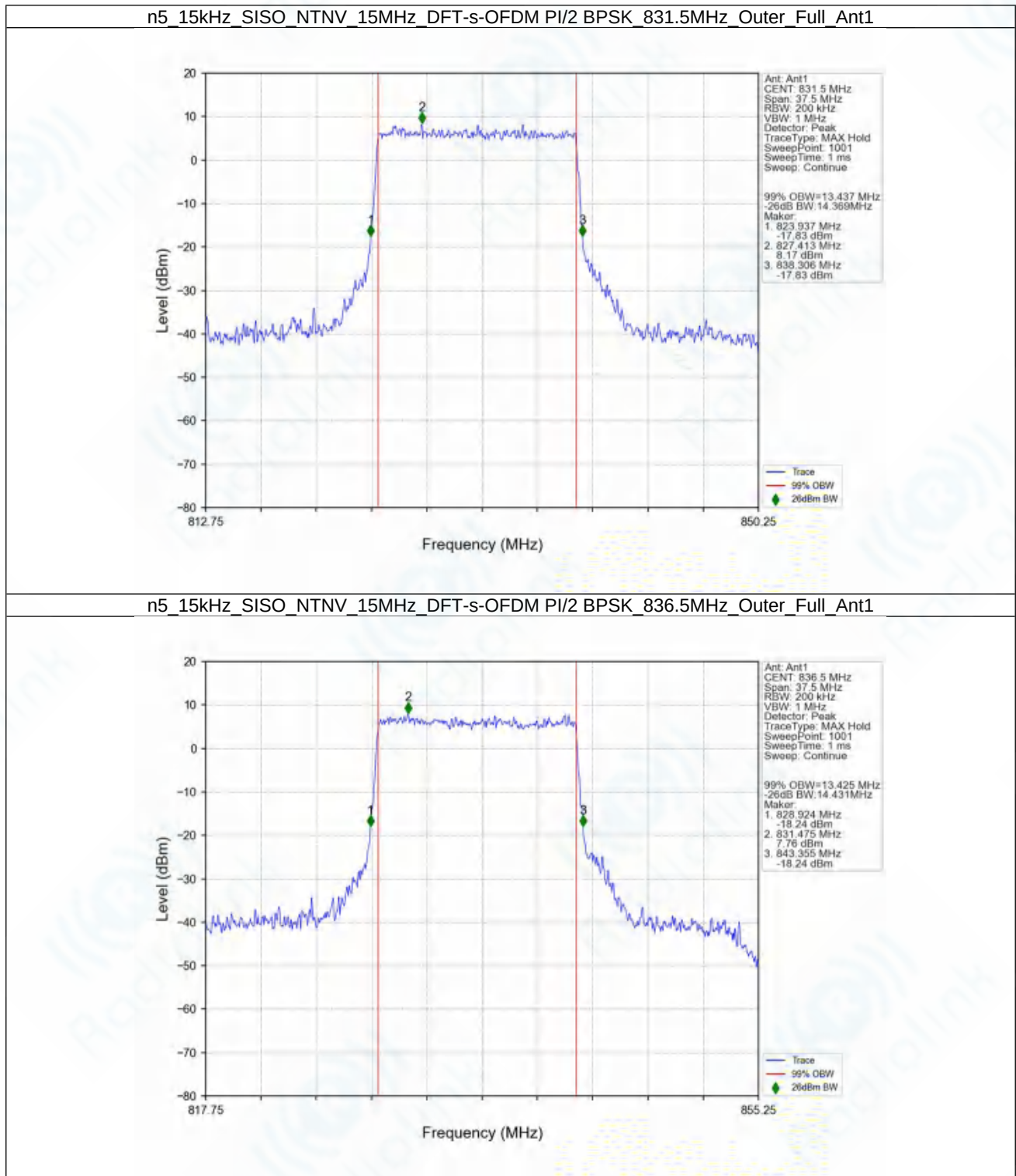
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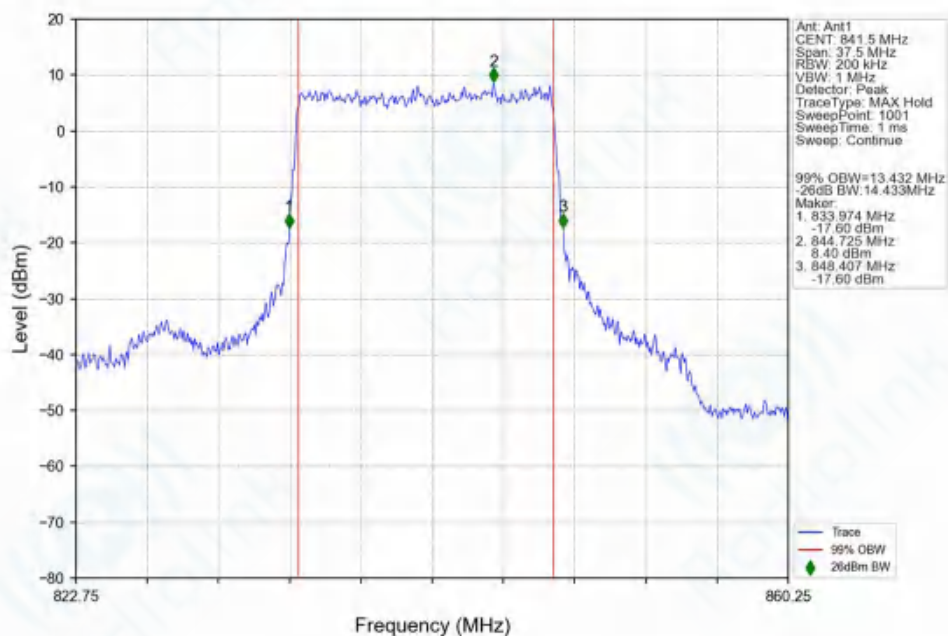
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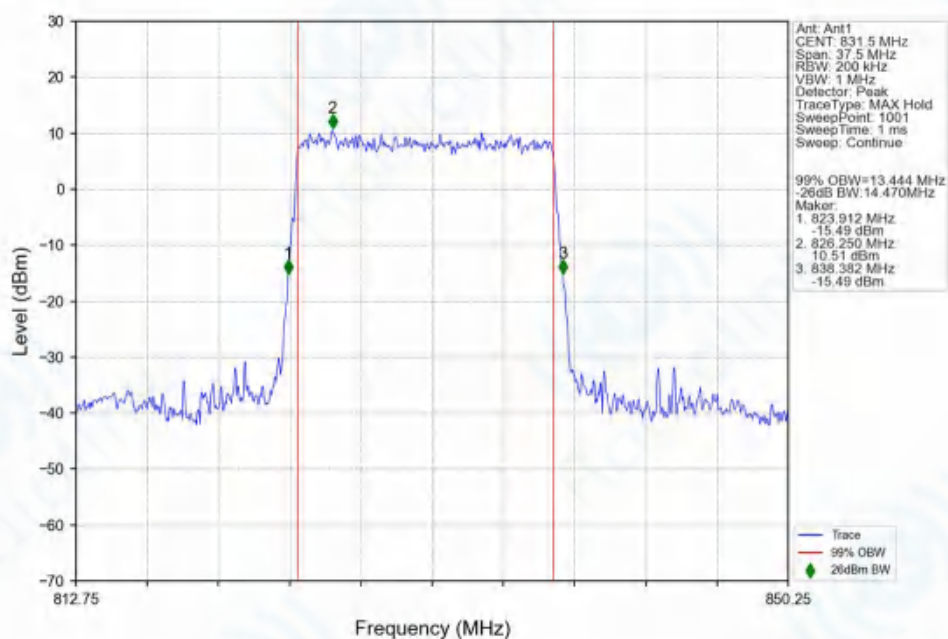
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_841.5MHz\_Outer\_Full\_Ant1



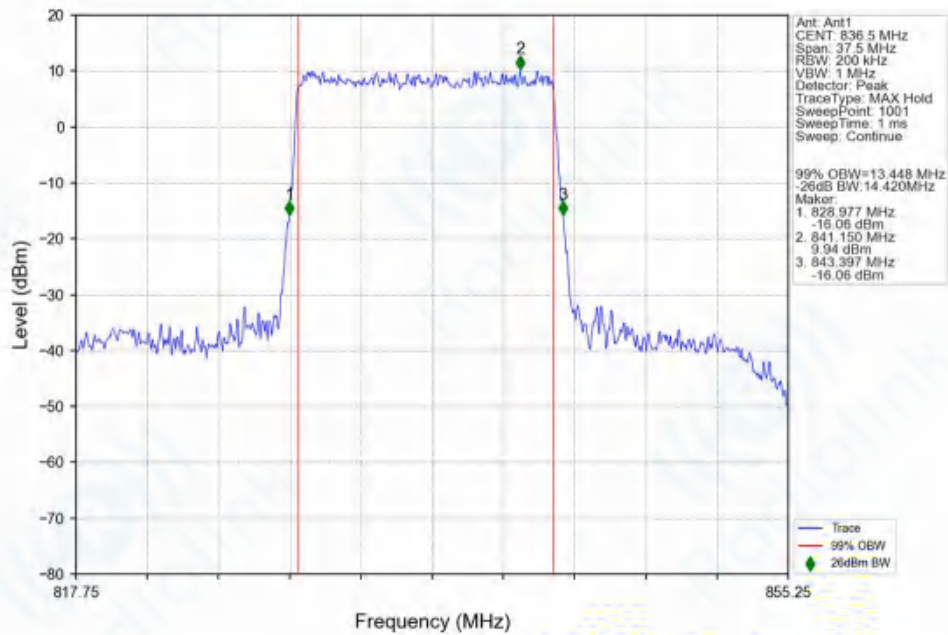
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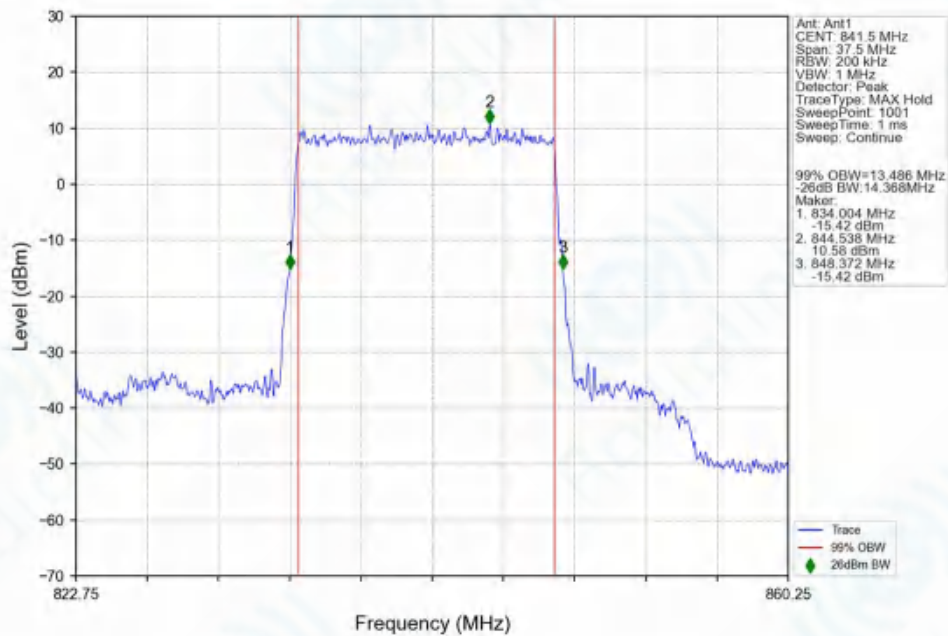
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Outer\_Full\_Ant1



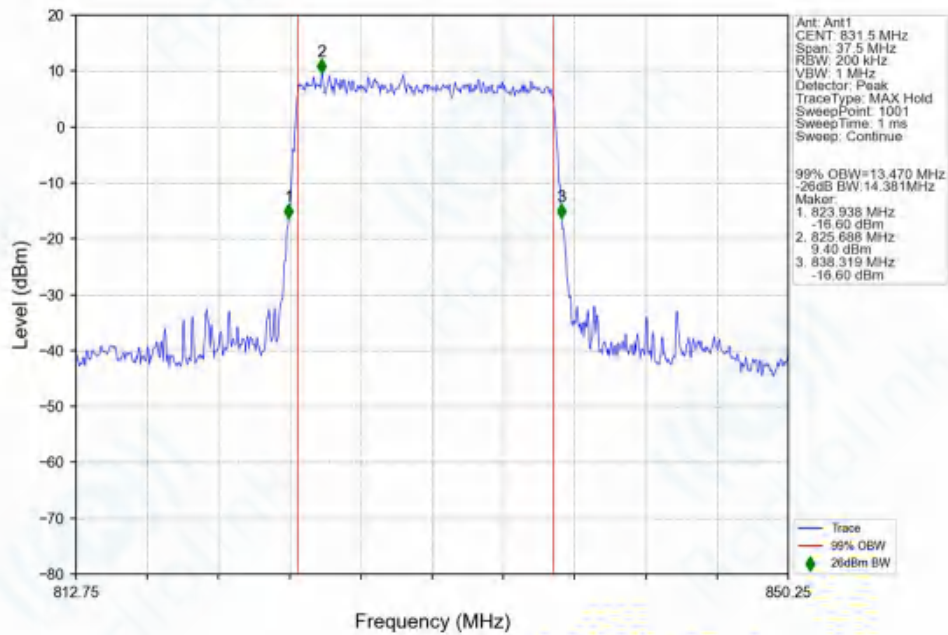
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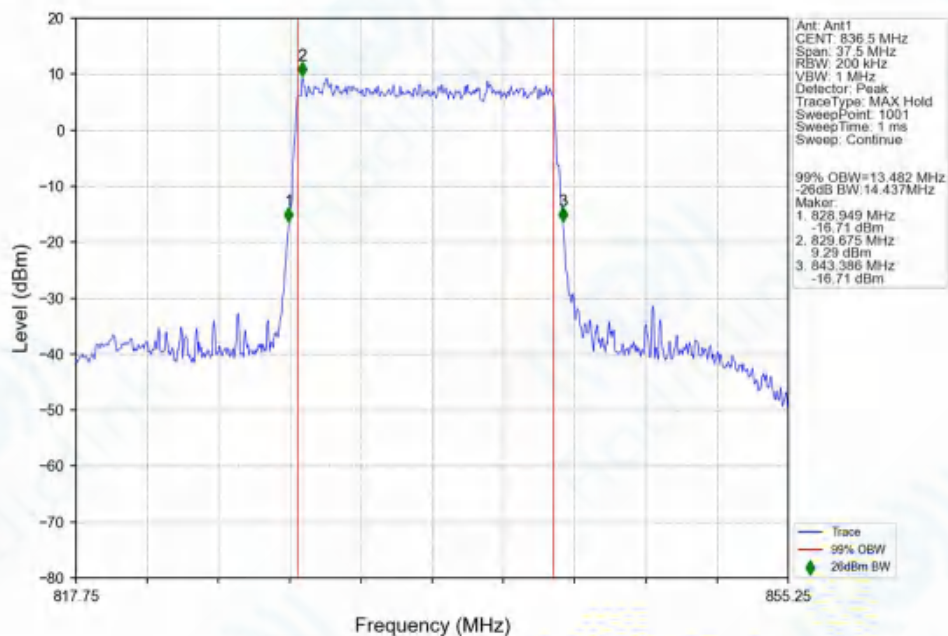
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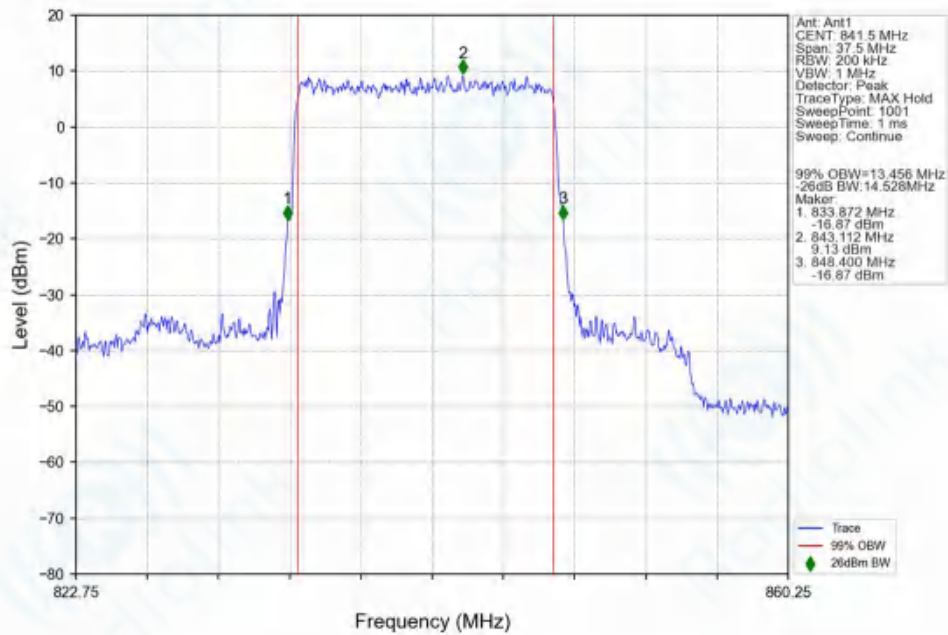
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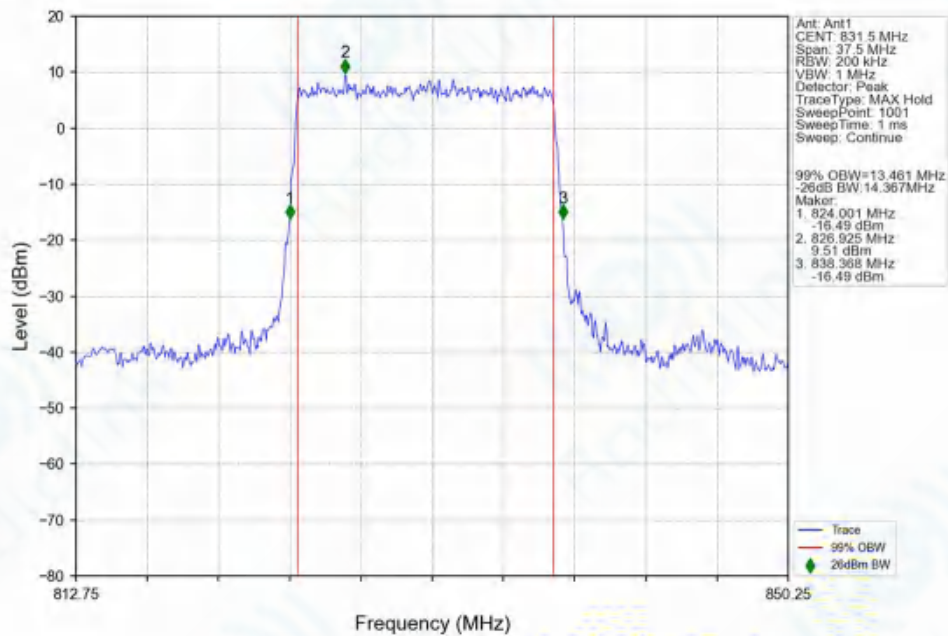
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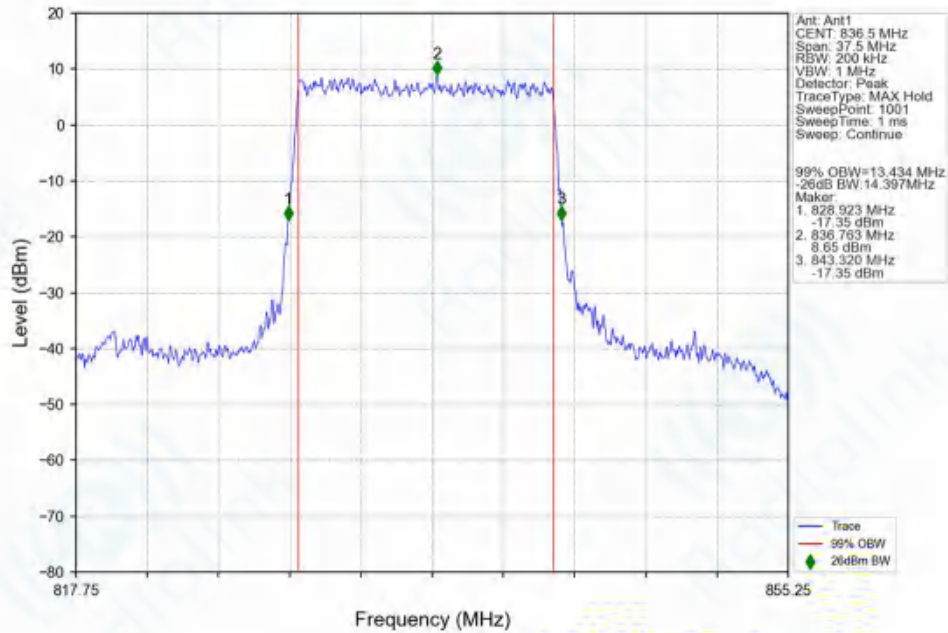


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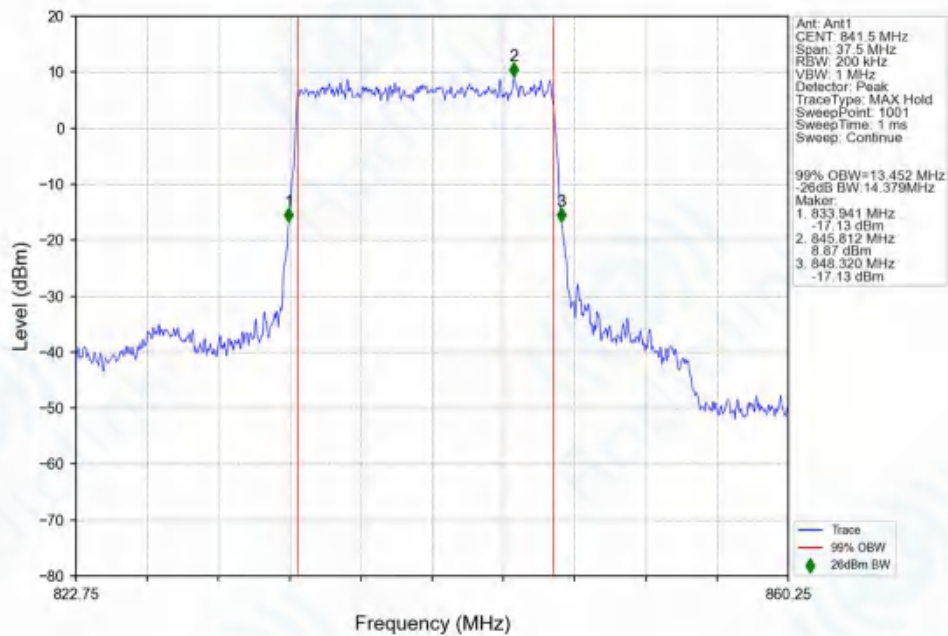

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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1

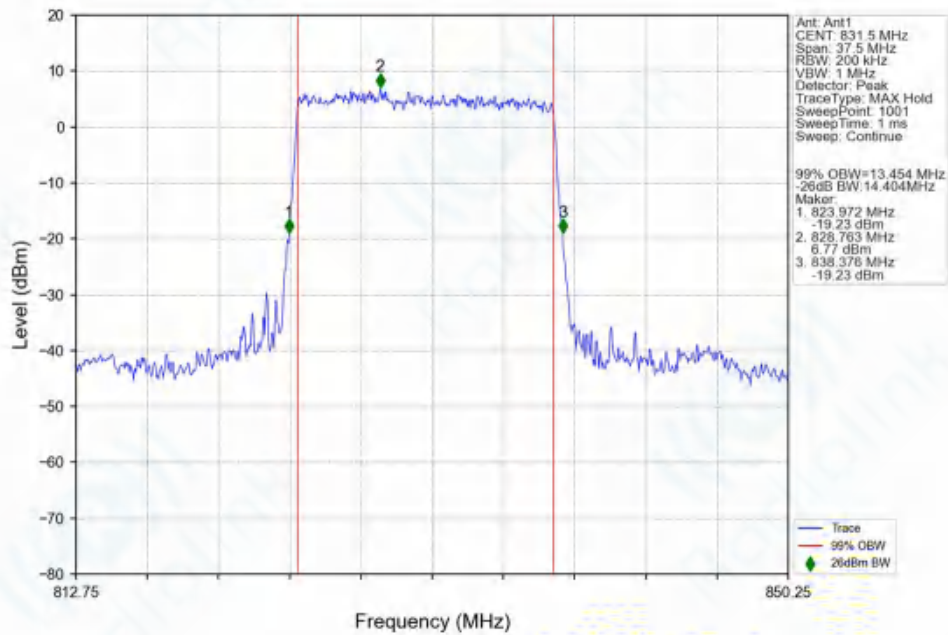


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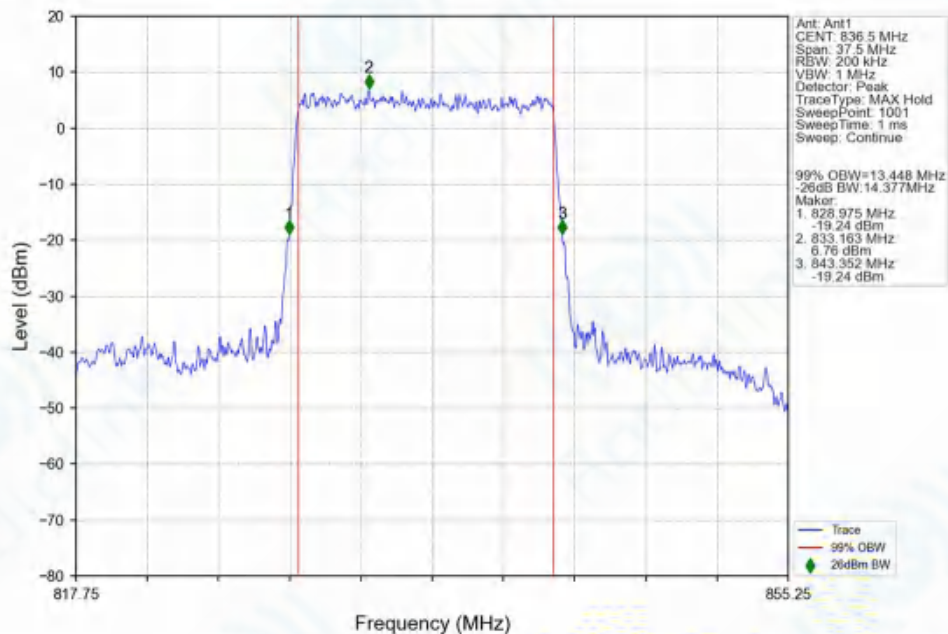

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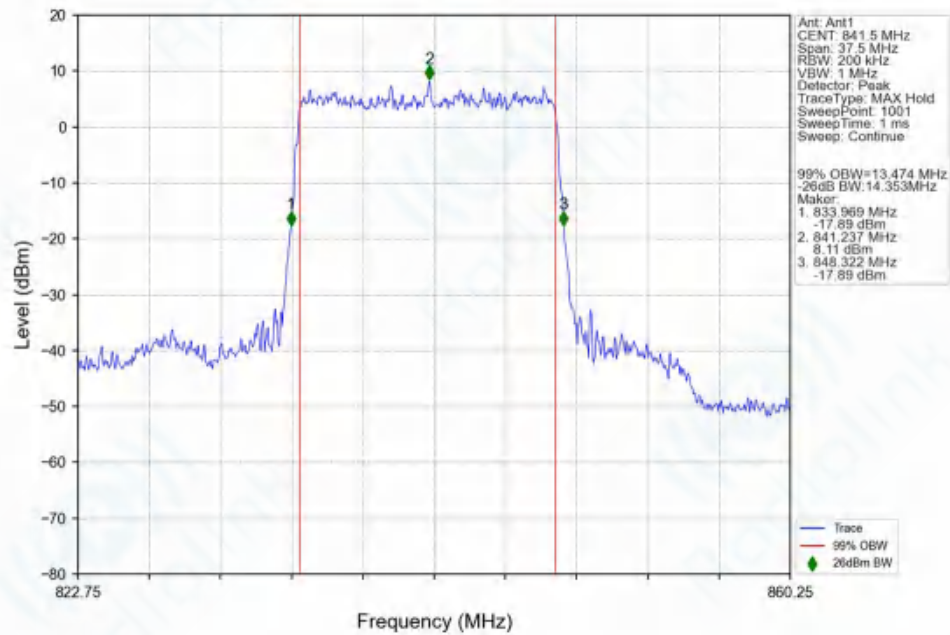
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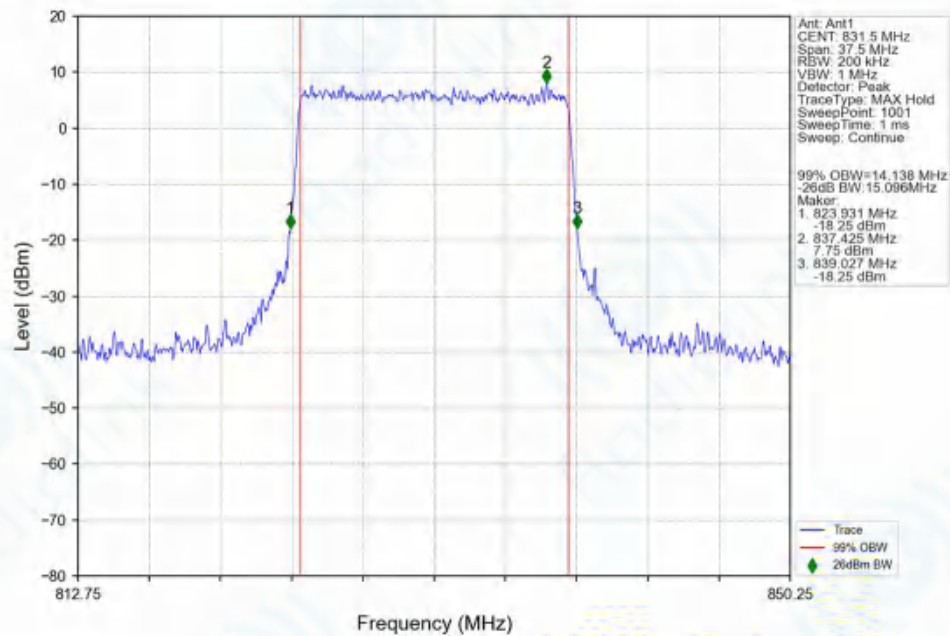
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_256\_QAM\_841.5MHz\_Outer\_Full\_Ant1

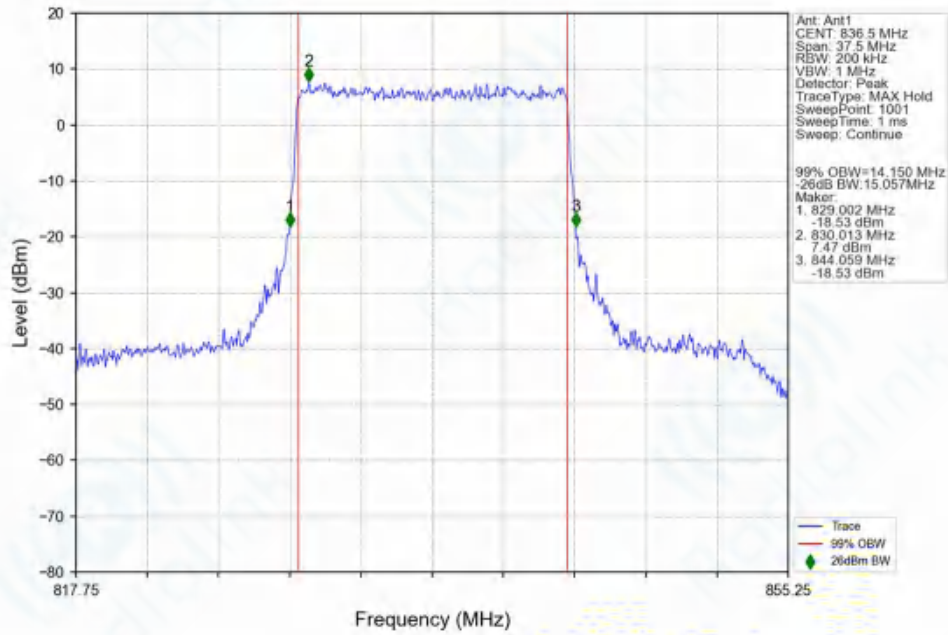


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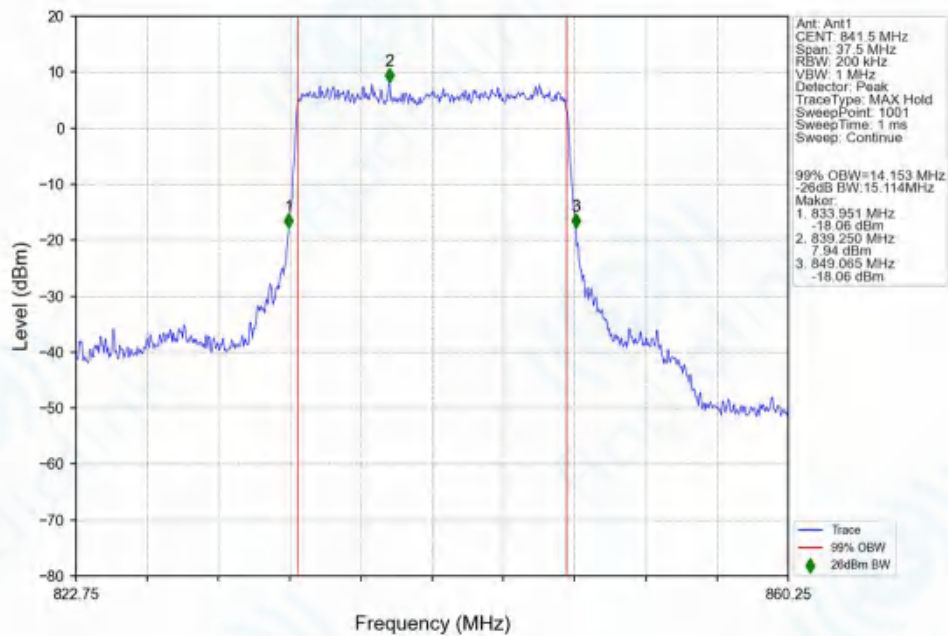

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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM QPSK\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM QPSK\_841.5MHz\_Outer\_Full\_Ant1

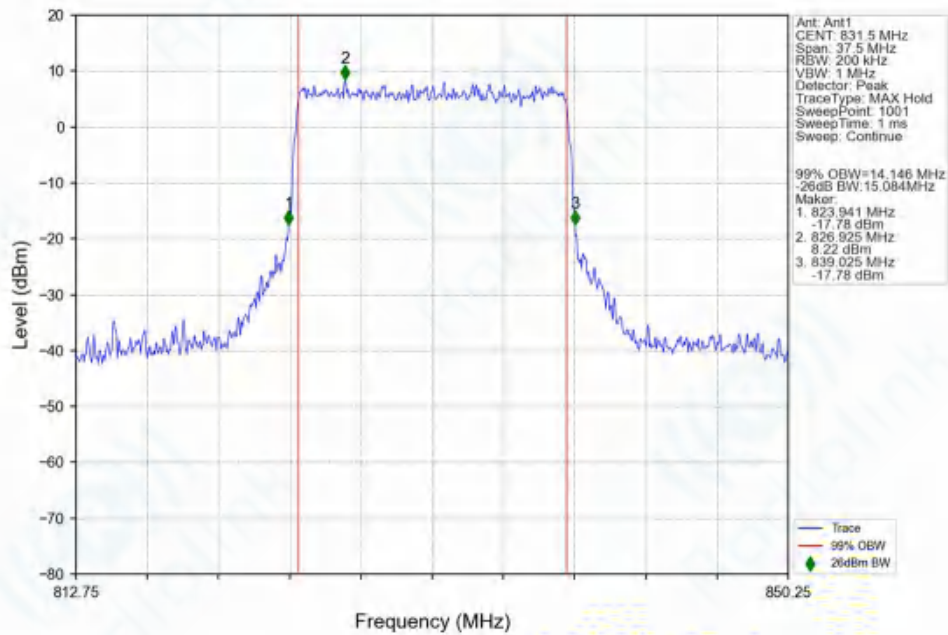


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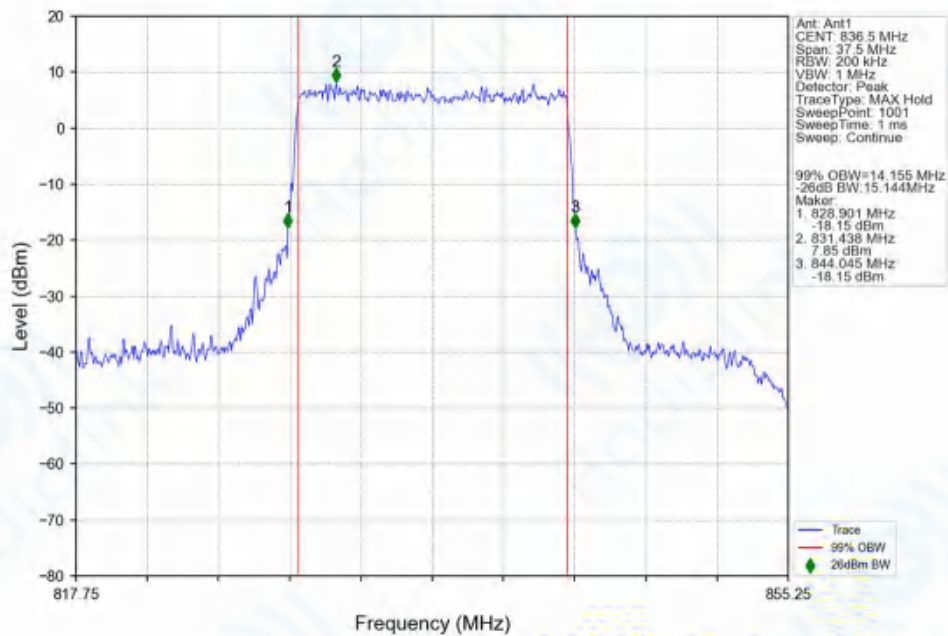
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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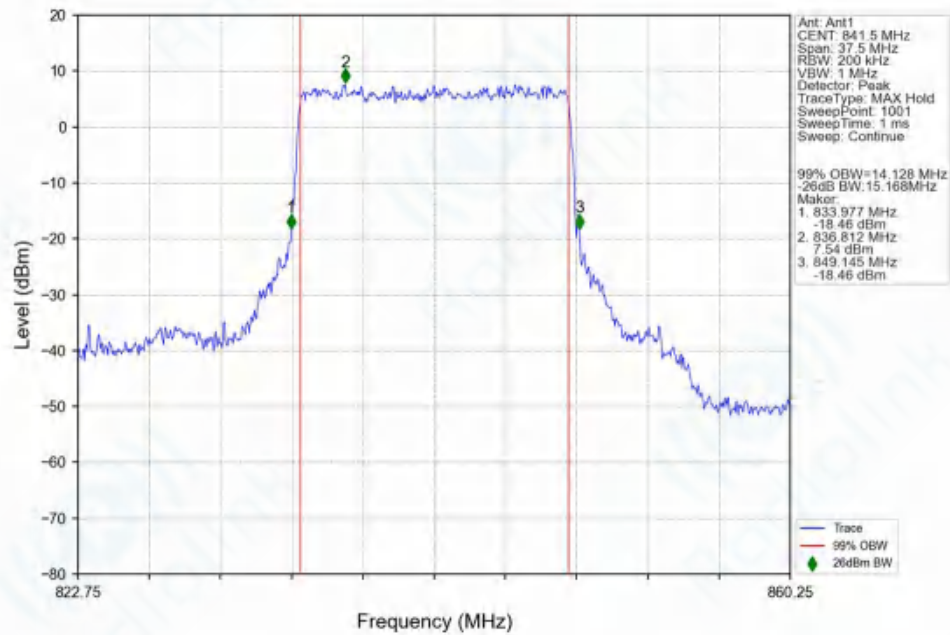
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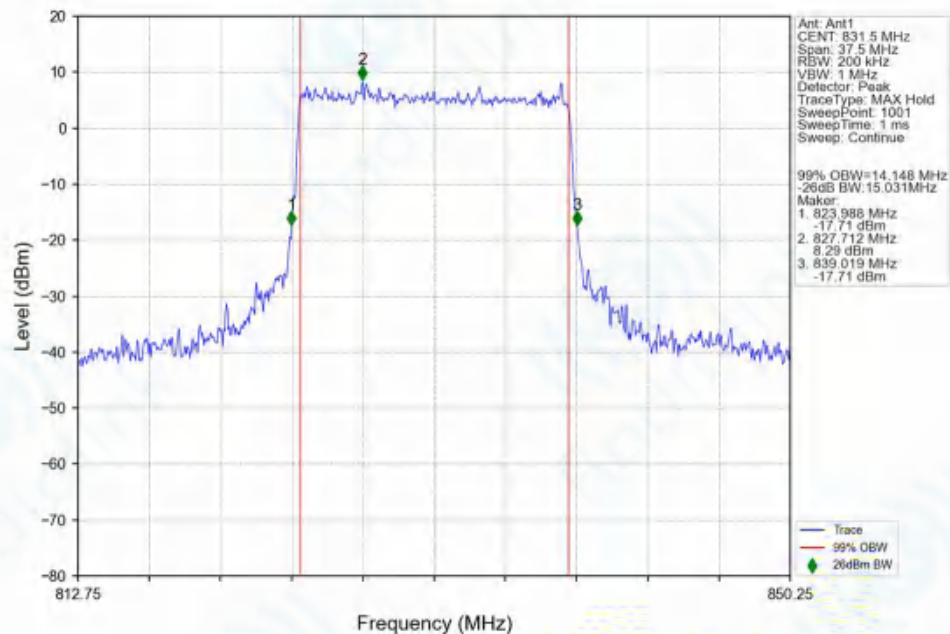
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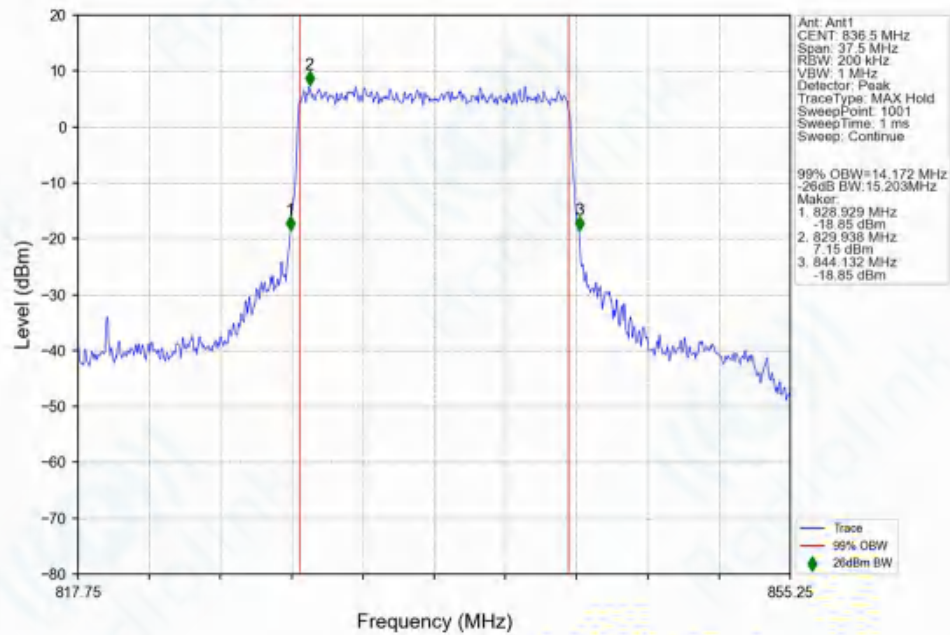
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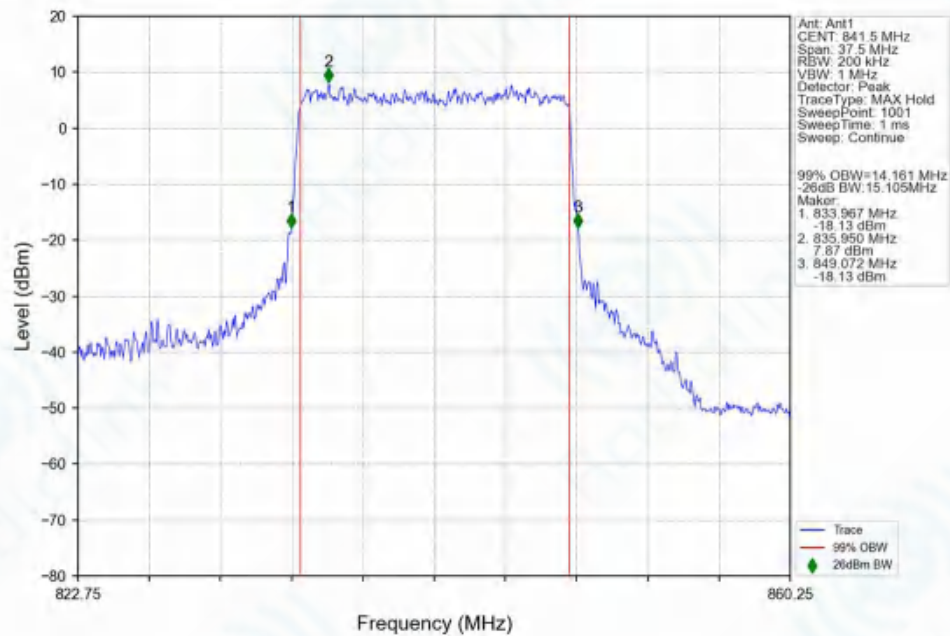
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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1

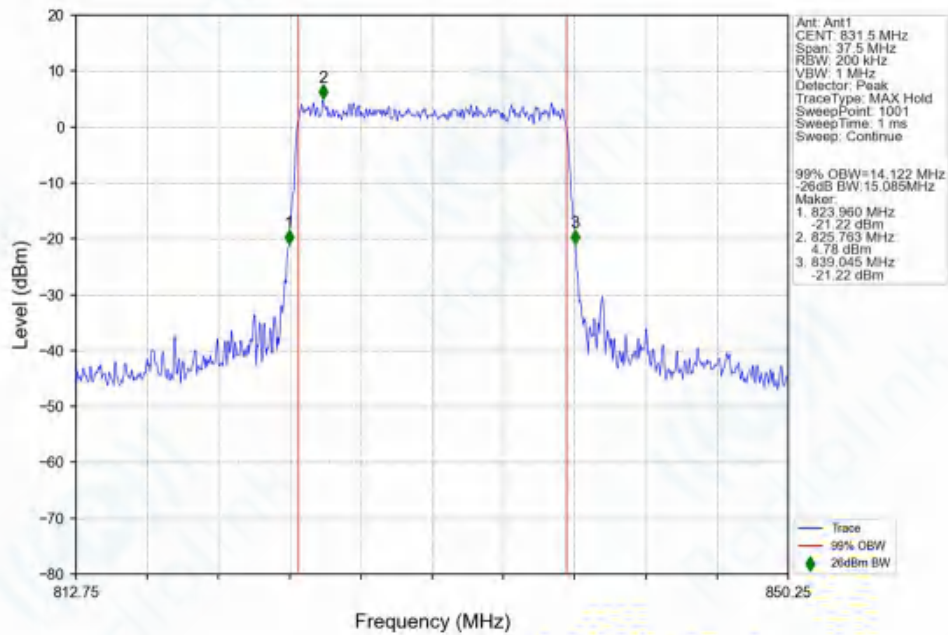


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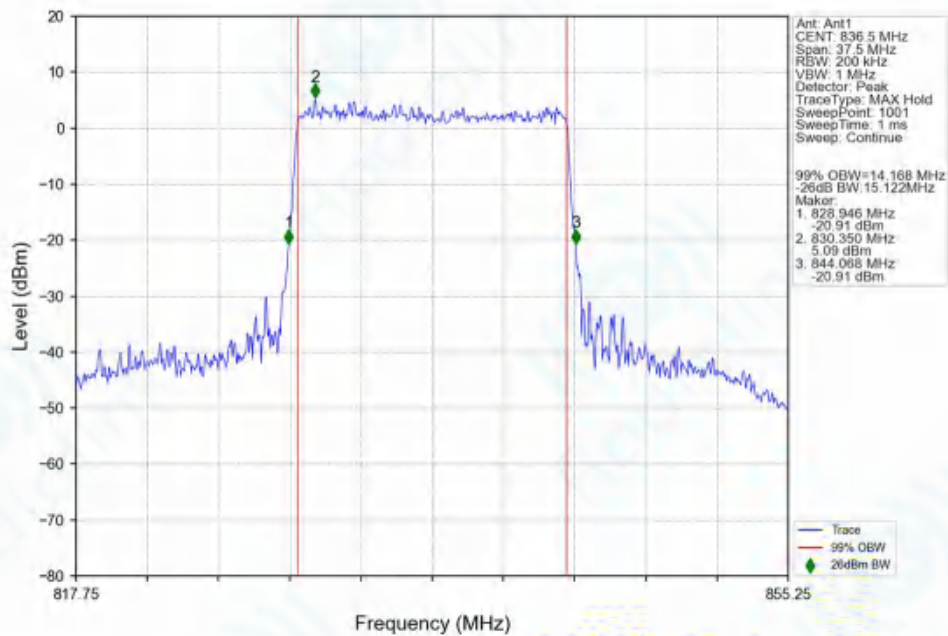

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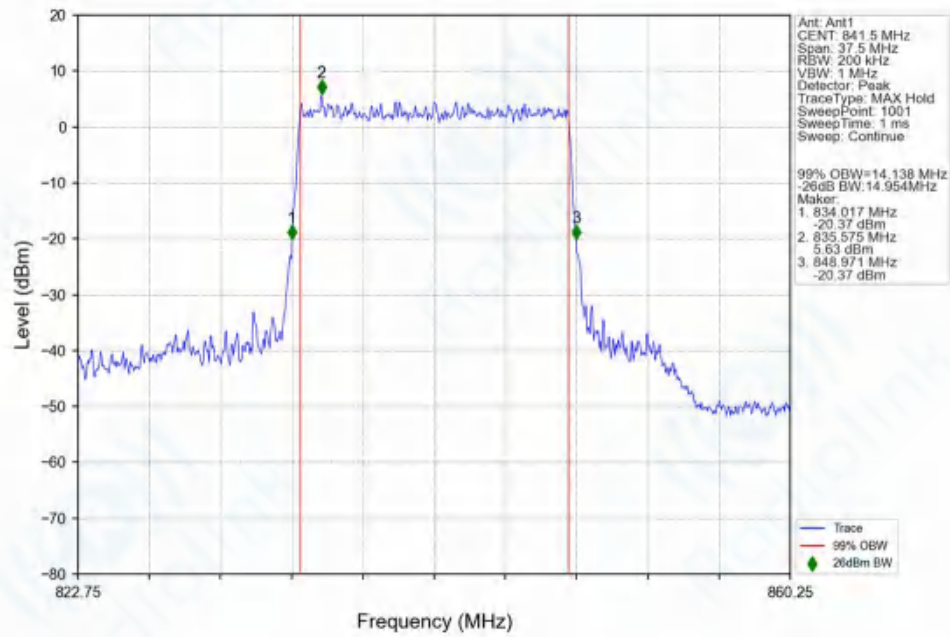
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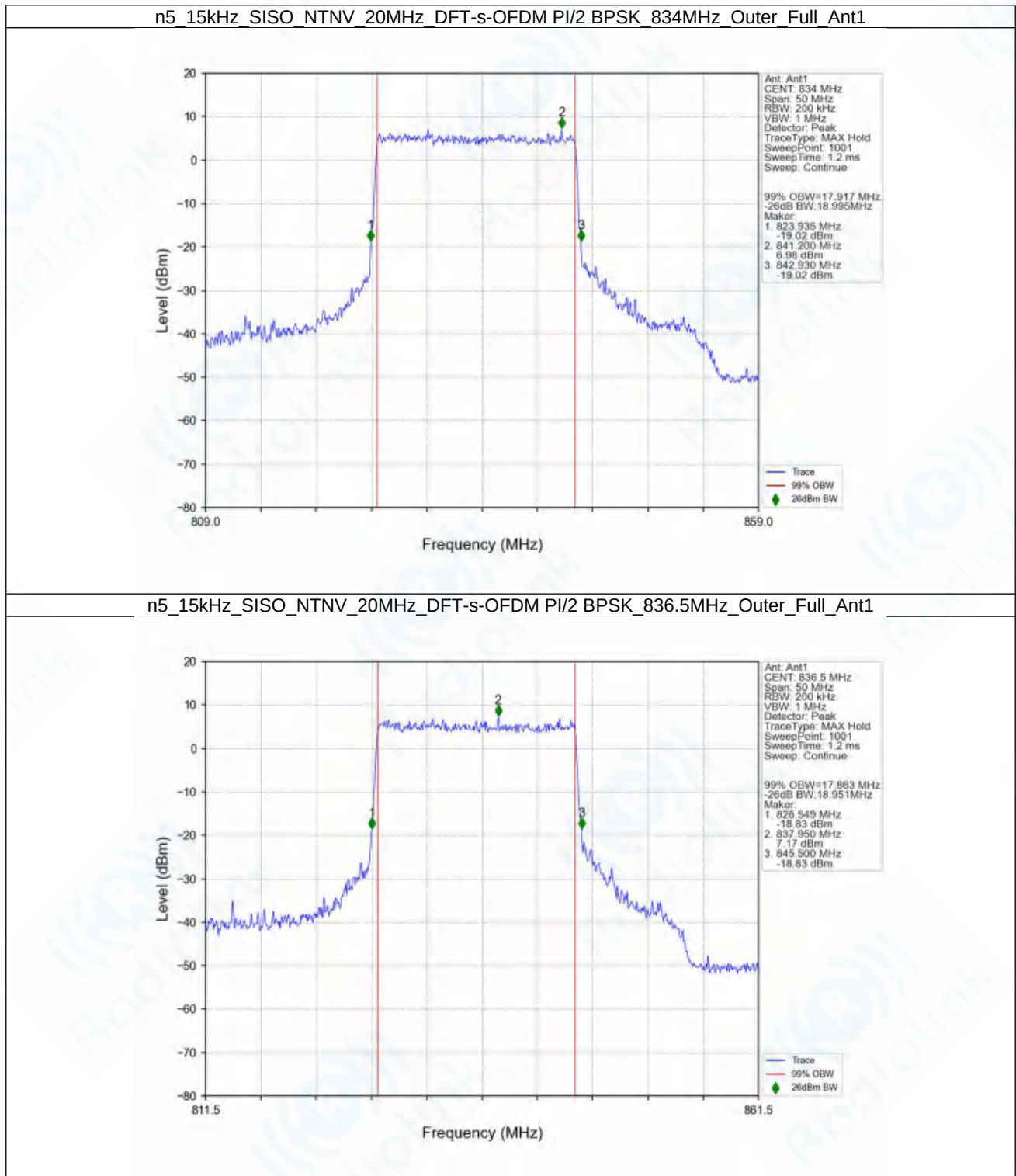


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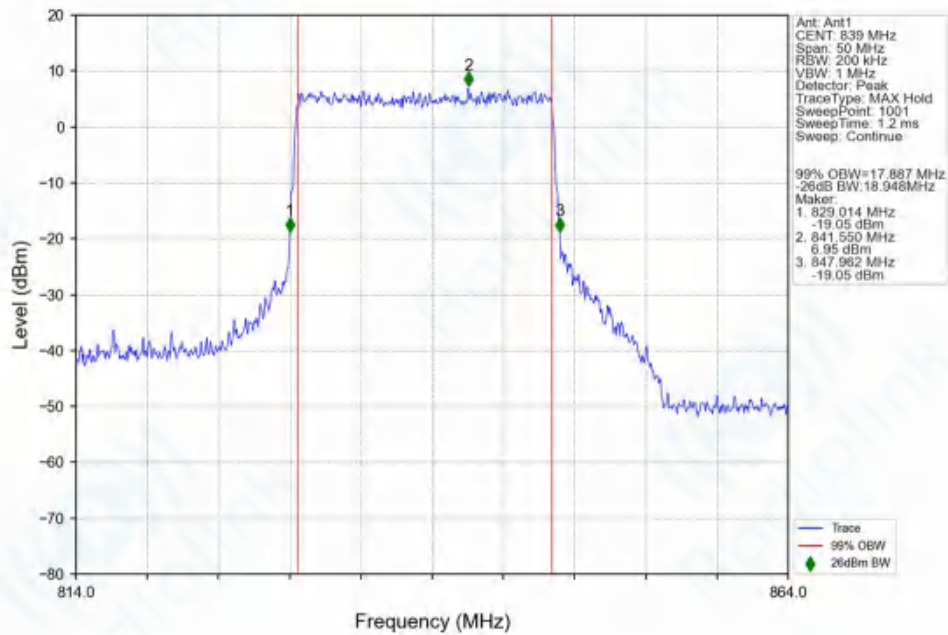
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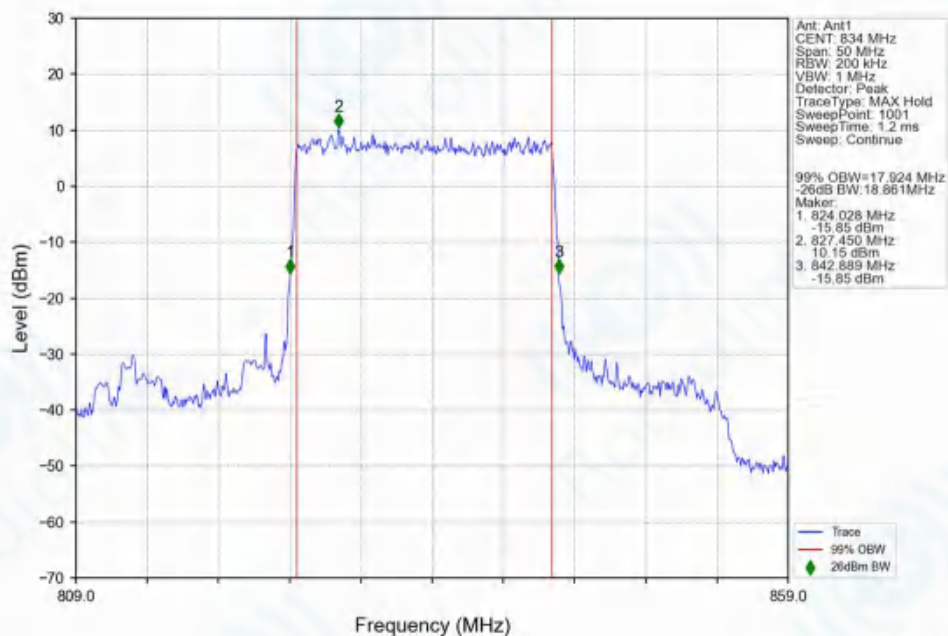
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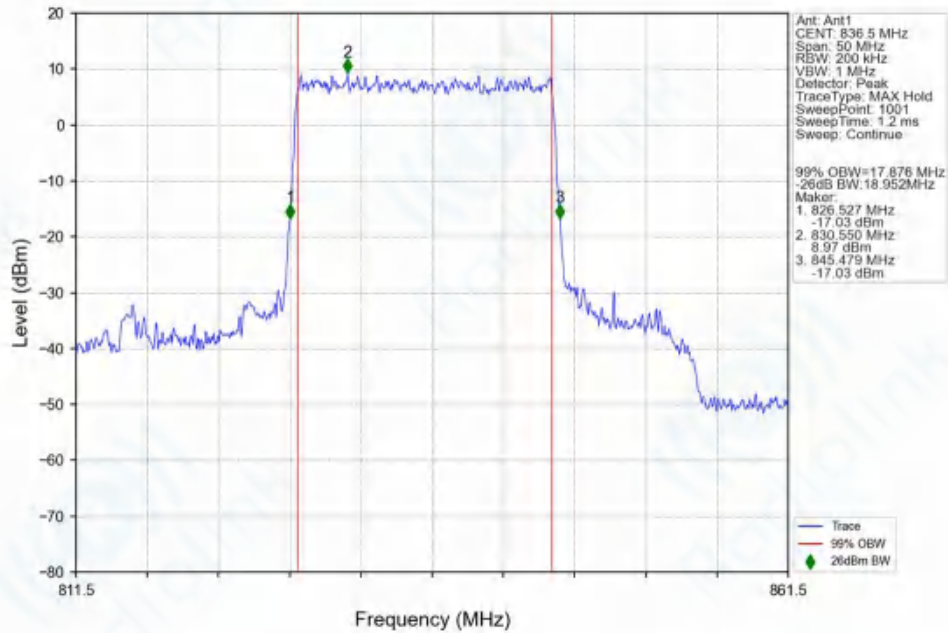
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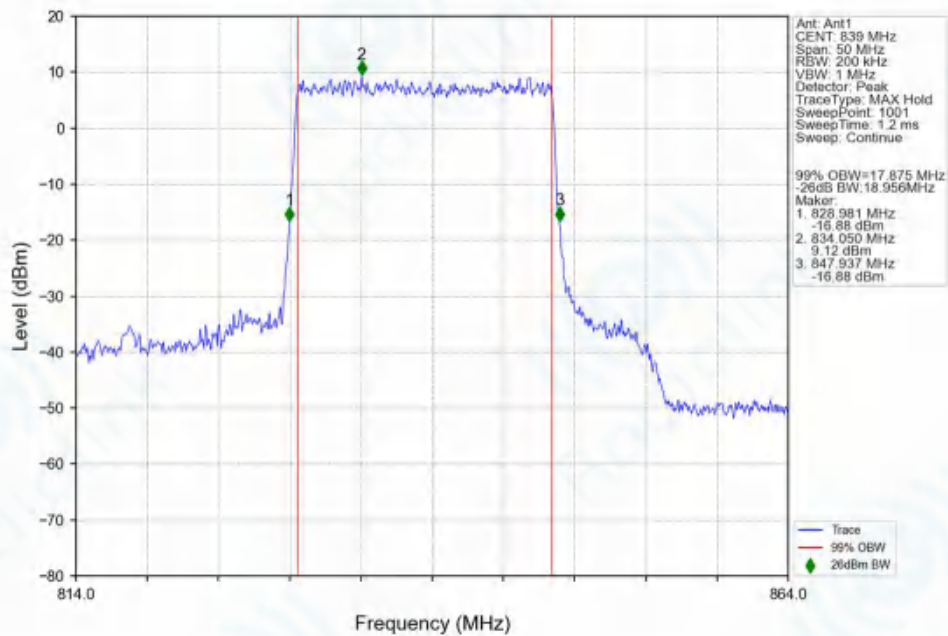
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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Outer\_Full\_Ant1



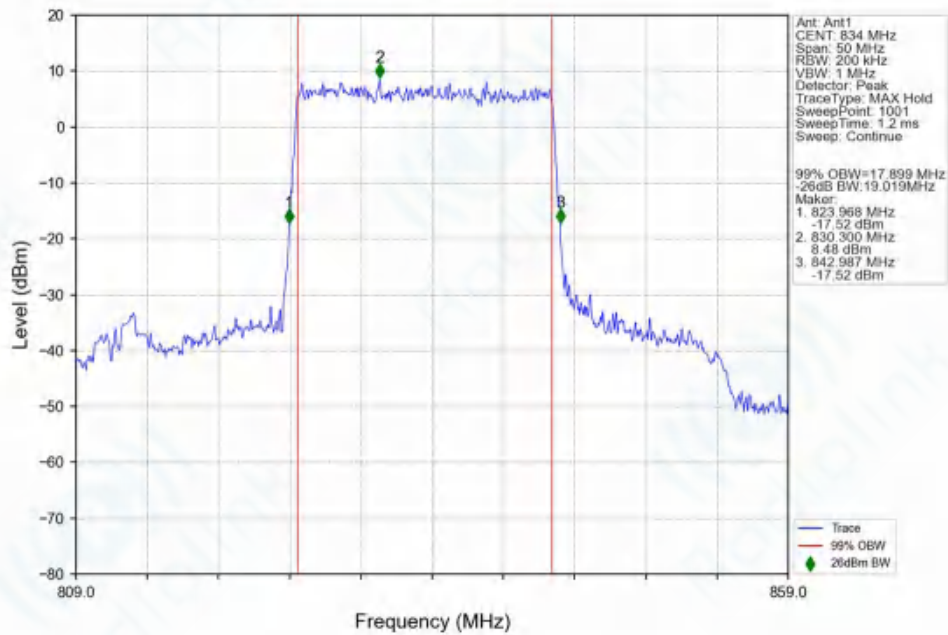
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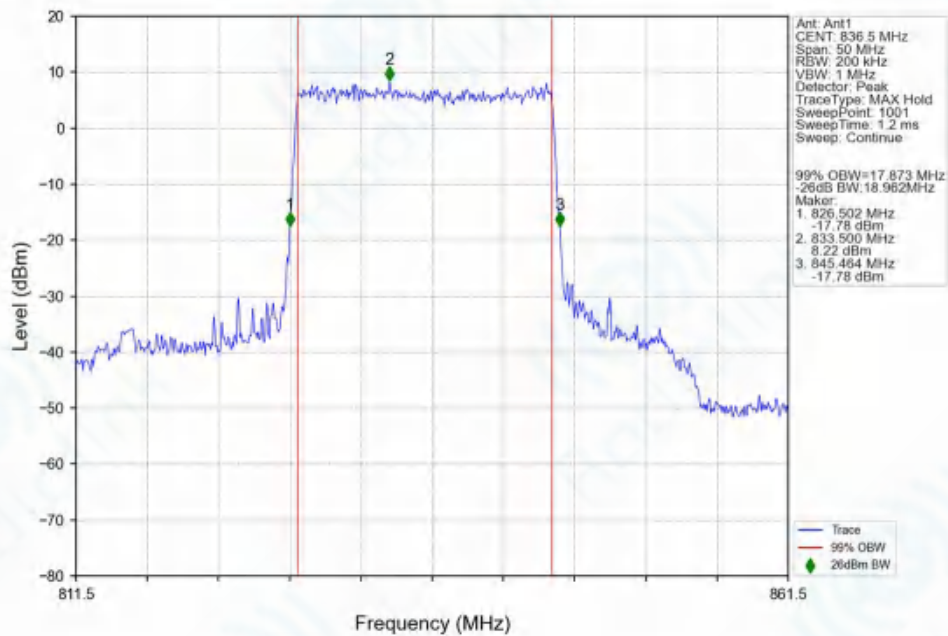
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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_16\_QAM\_834MHz\_Outer\_Full\_Ant1



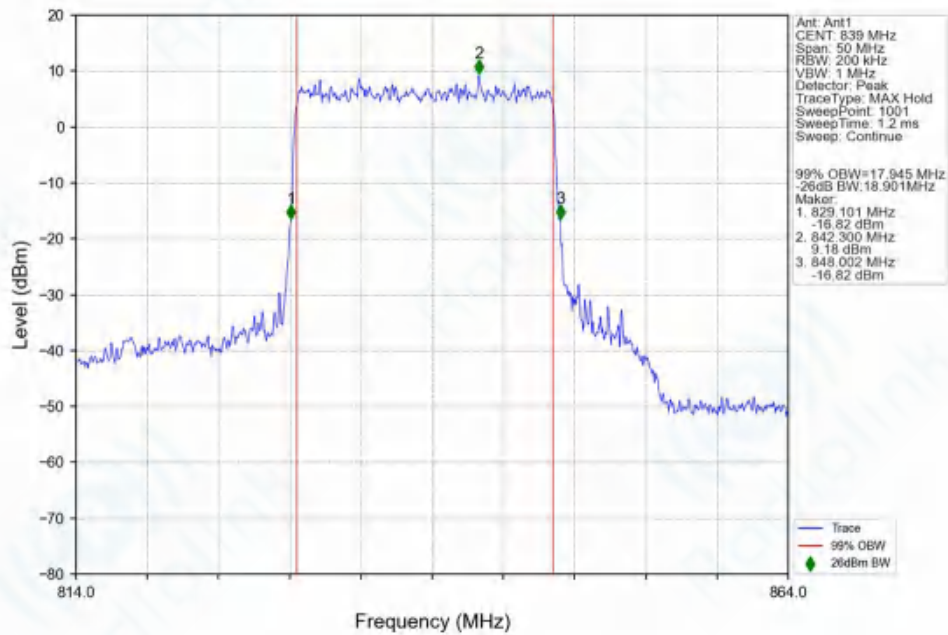
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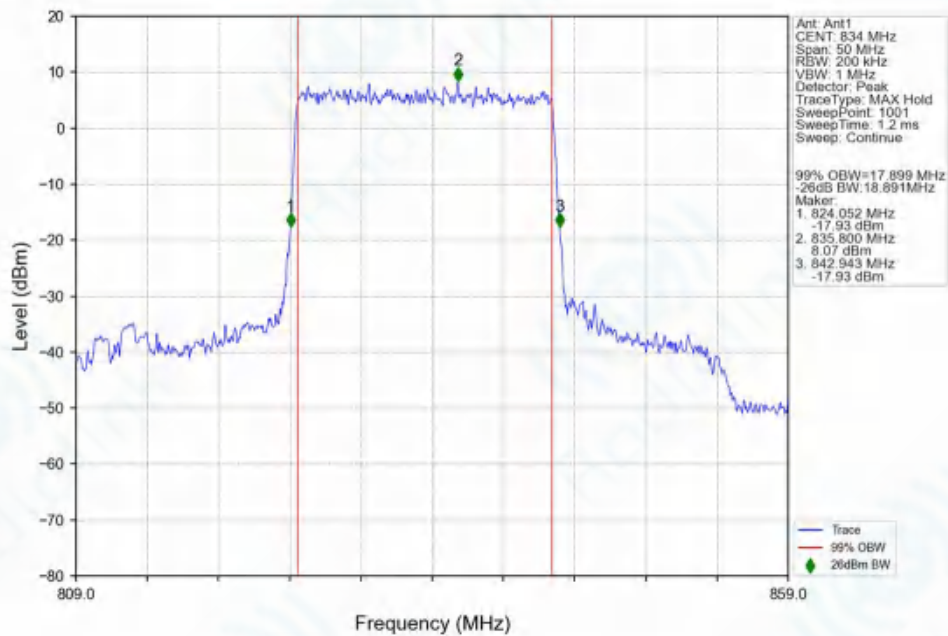
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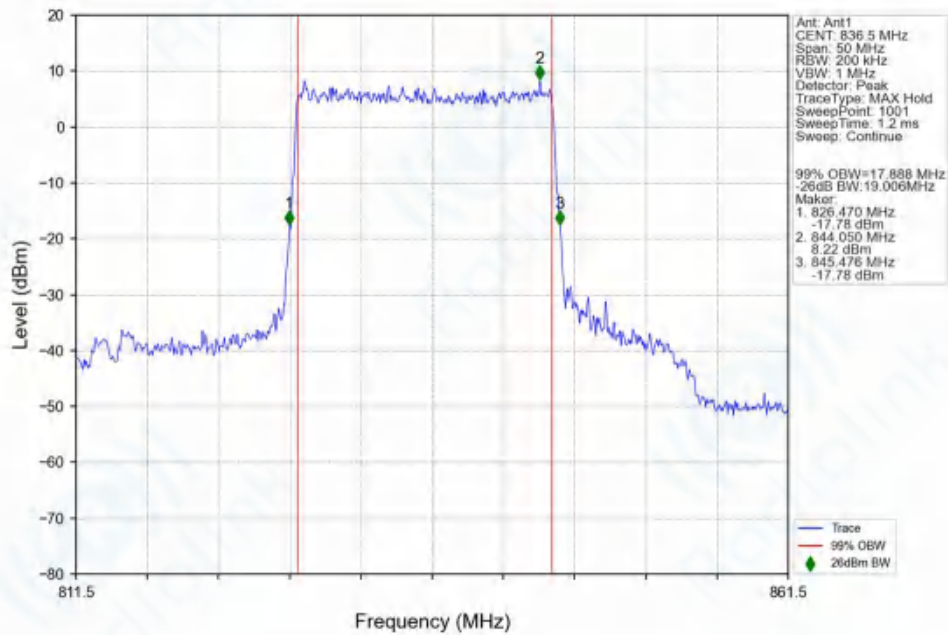
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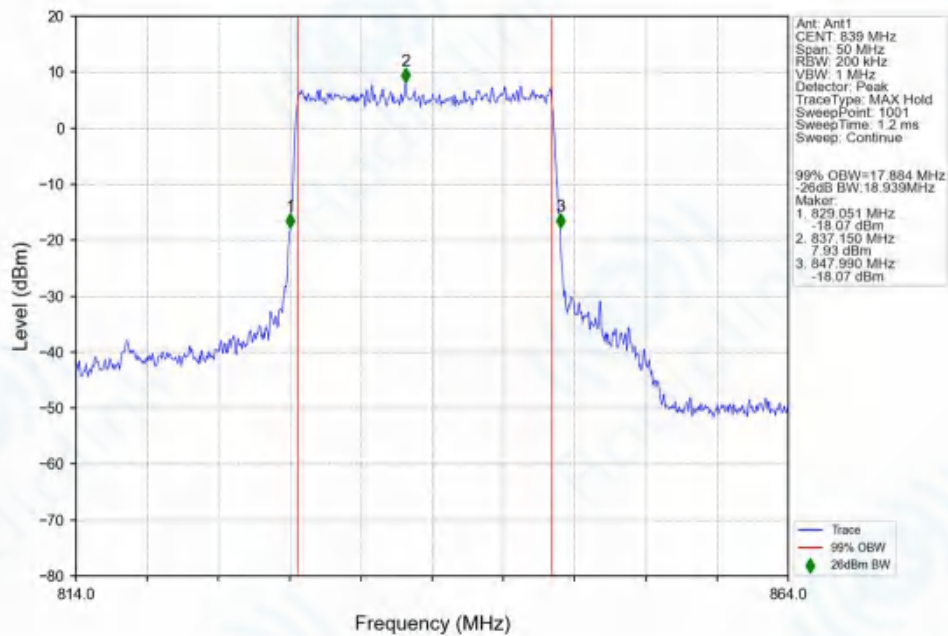
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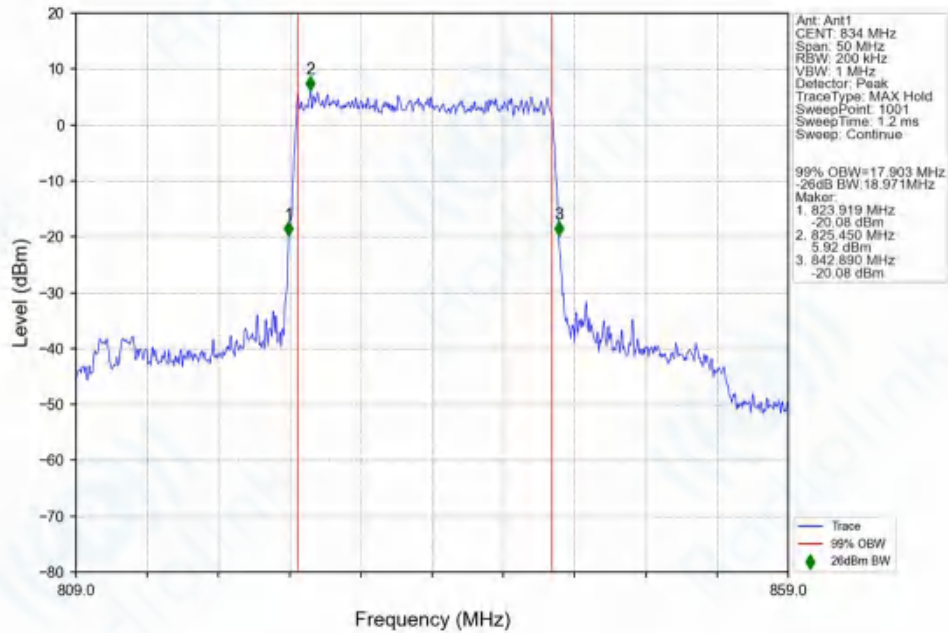


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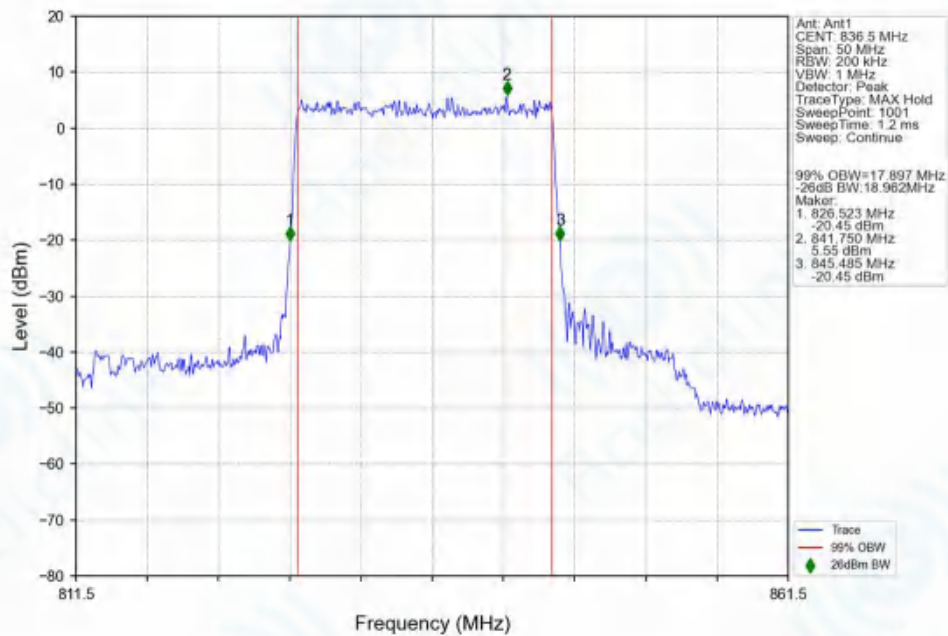

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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_256\_QAM\_834MHz\_Outer\_Full\_Ant1

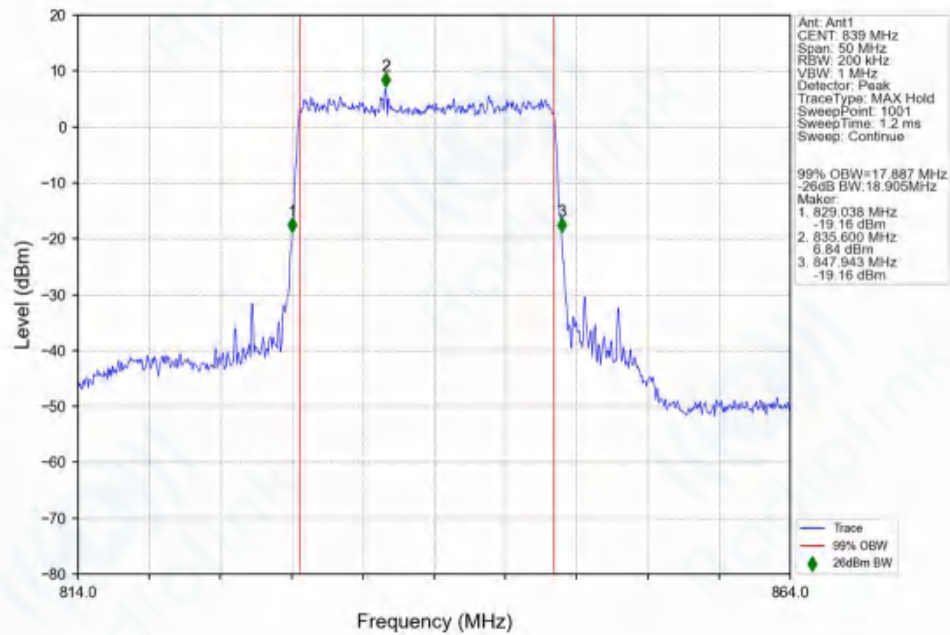


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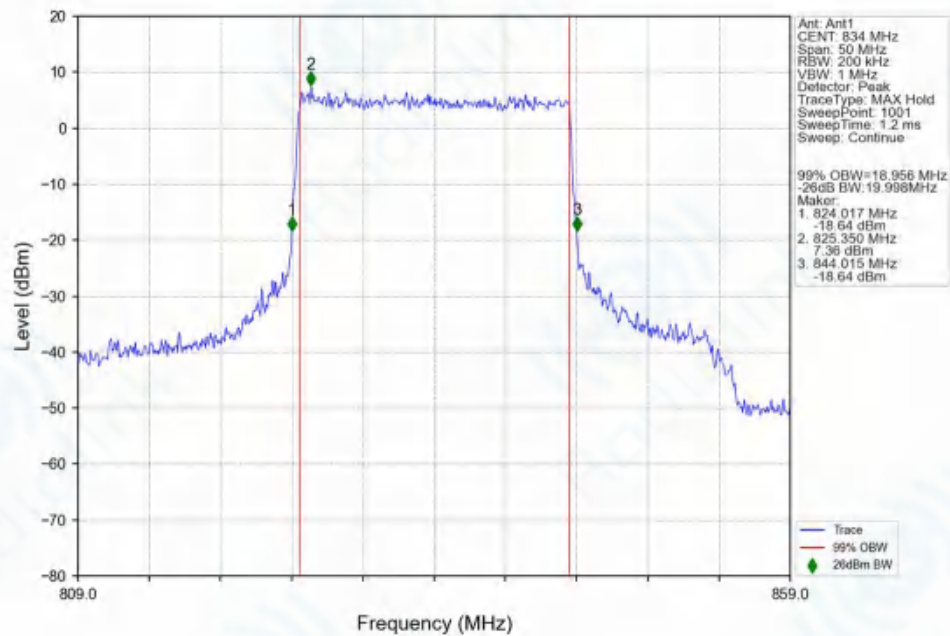

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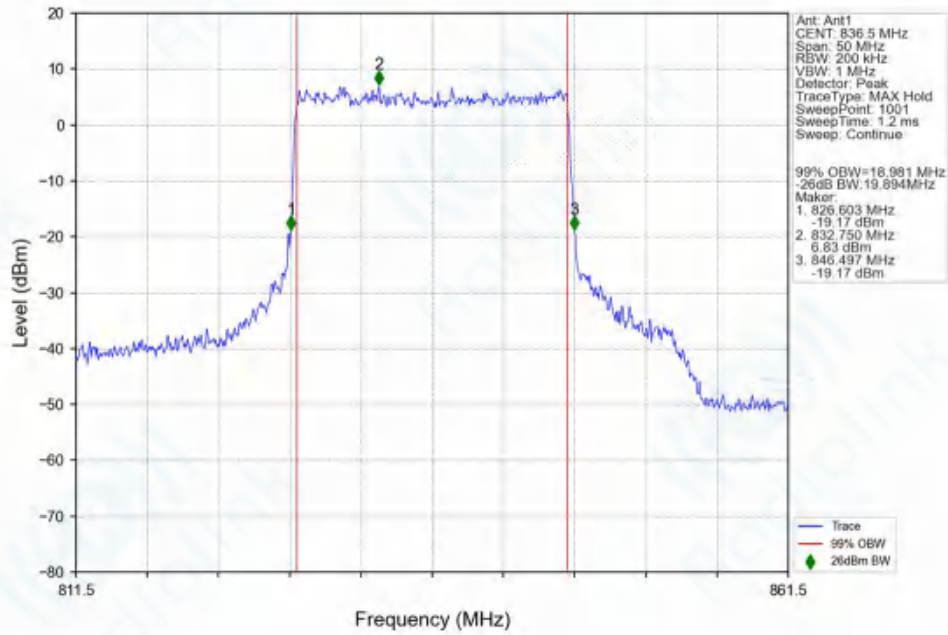
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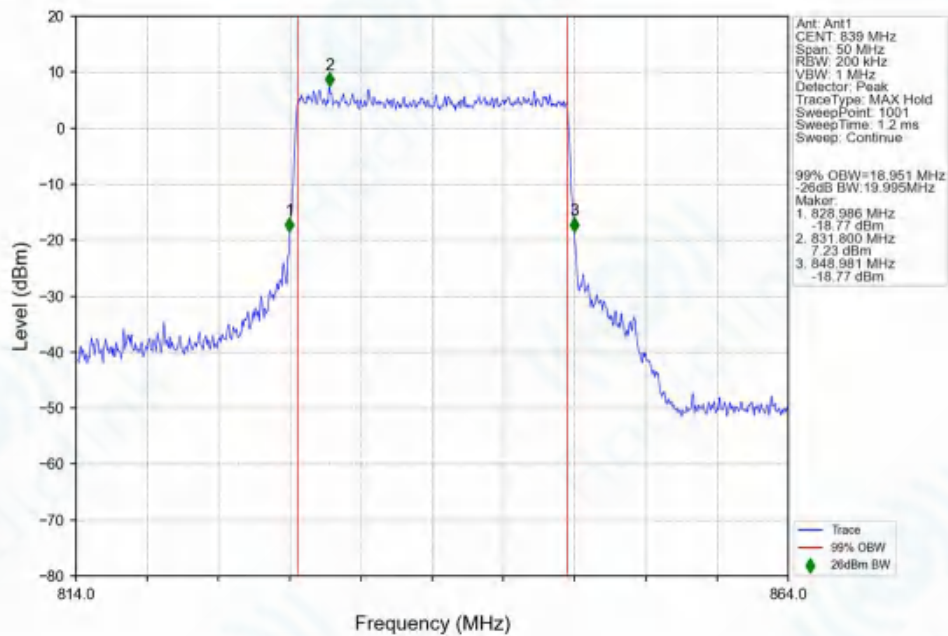
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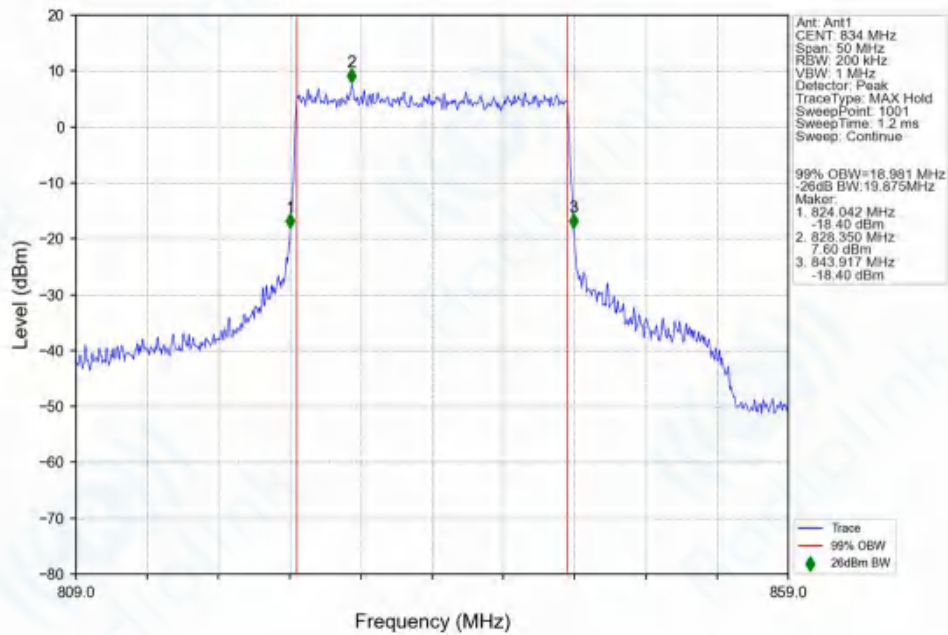
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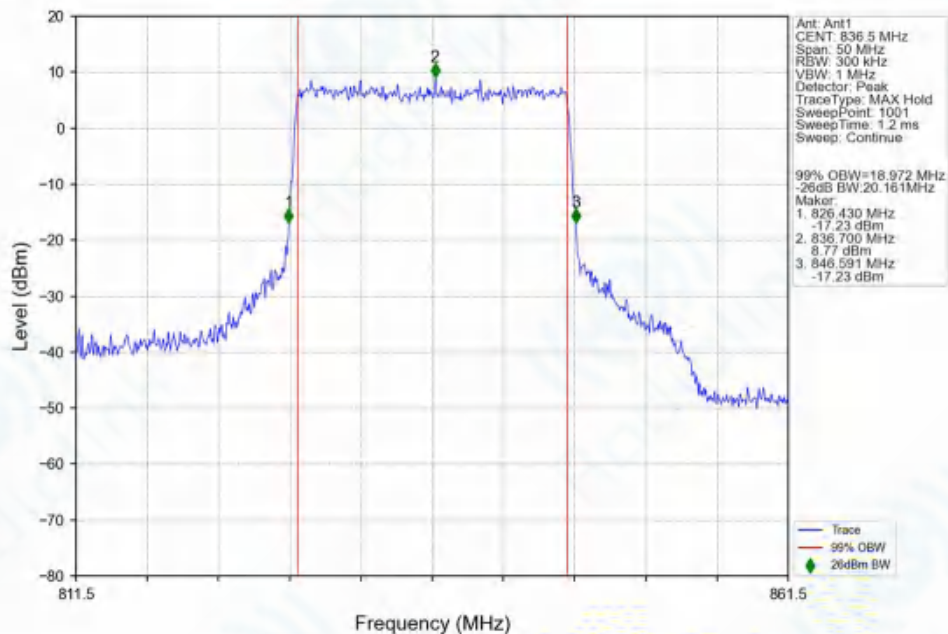
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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16\_QAM\_834MHz\_Outer\_Full\_Ant1

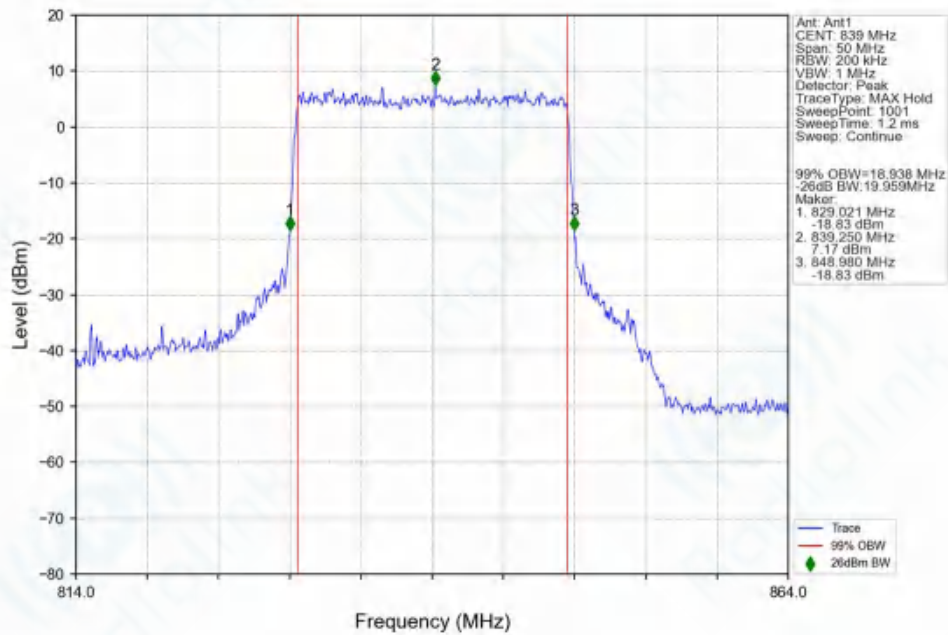


n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16\_QAM\_836.5MHz\_Outer\_Full\_Ant1

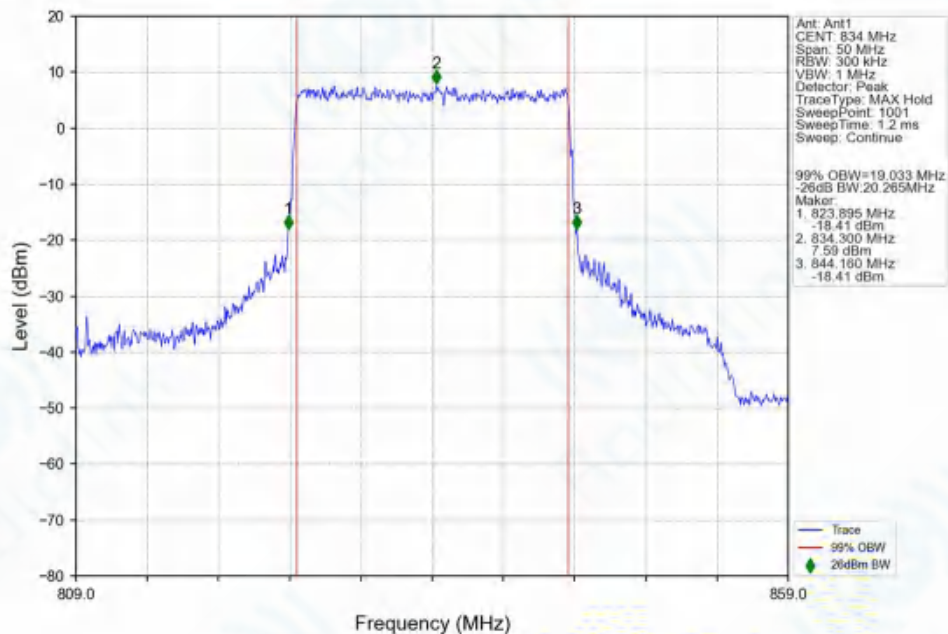

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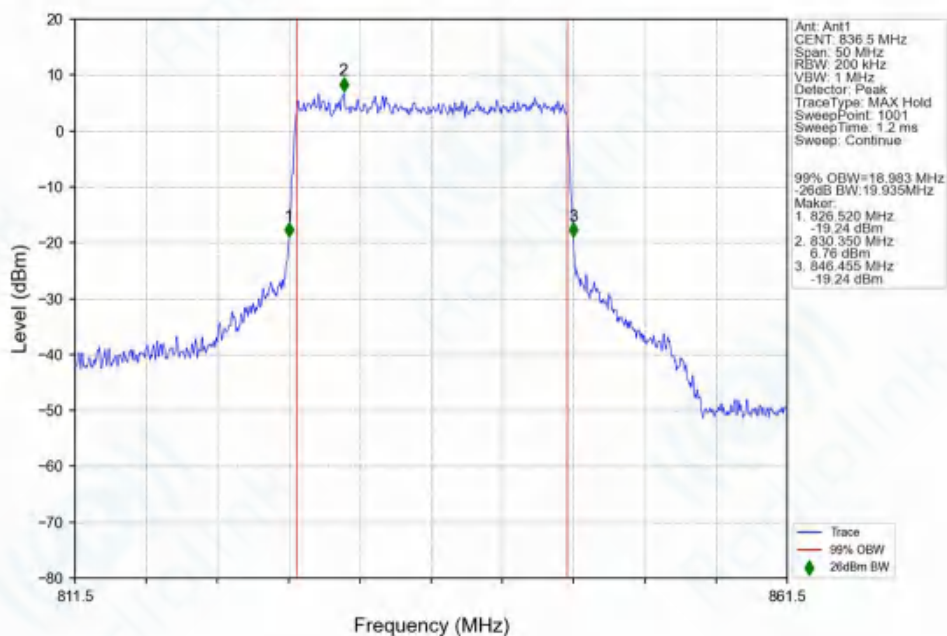
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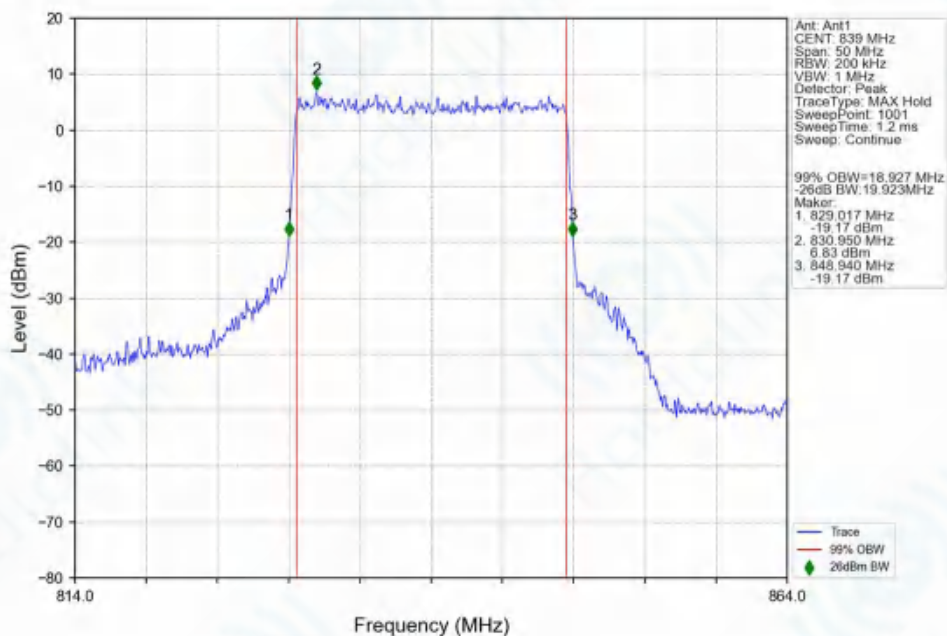
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64\_QAM\_834MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1



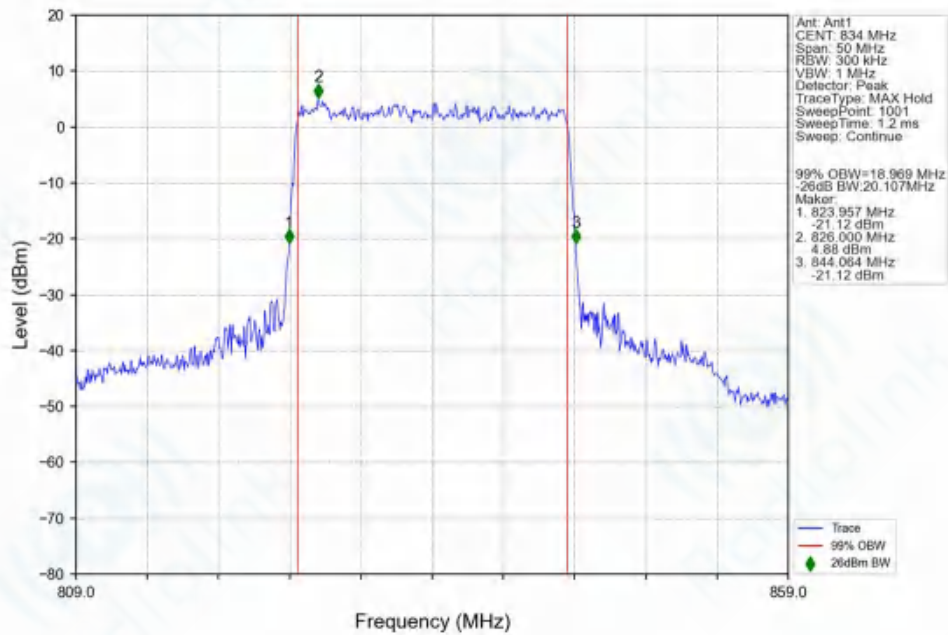
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64\_QAM\_839MHz\_Outer\_Full\_Ant1



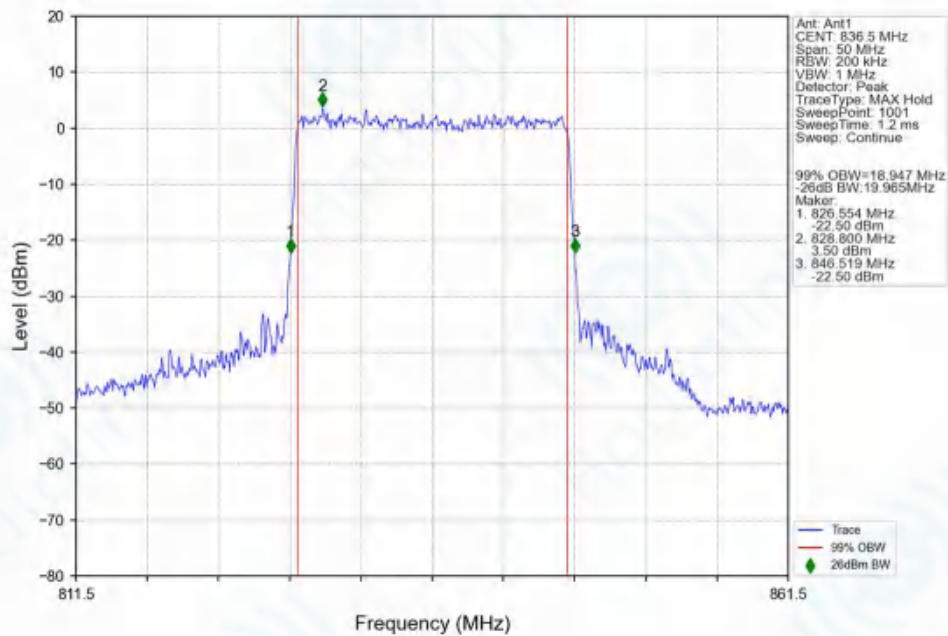
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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_834MHz\_Outer\_Full\_Ant1



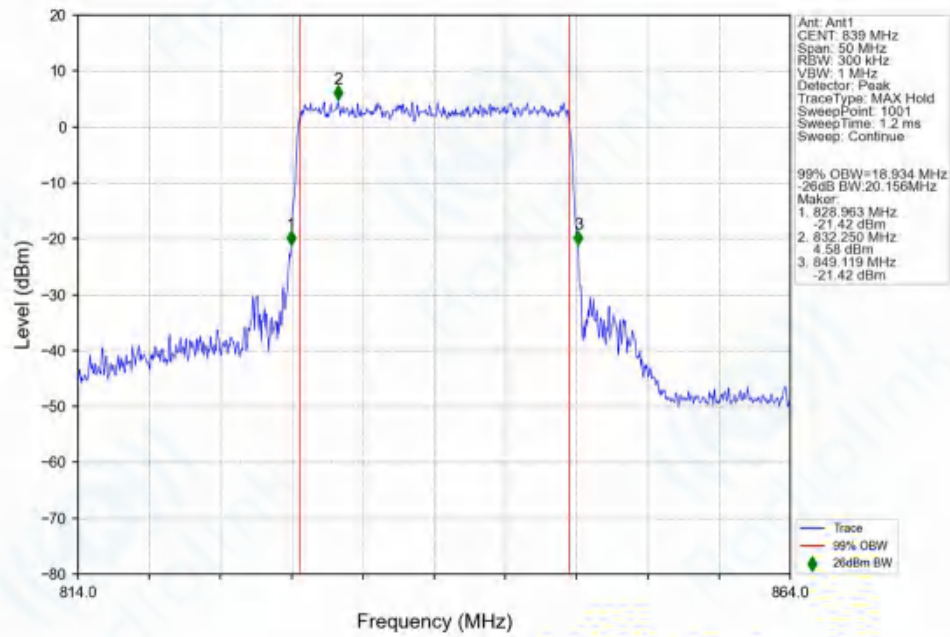
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full\_Ant1



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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_839MHz\_Outer\_Full\_Ant1



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 15\_S\_5M\_NTNV

| 5G NR n5 SCS=15kHz SISO 5MHz NTN |                 |               |                         |      |     |       |         |
|----------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                  |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK             | 826.5           | Outer_Full    | 3.75                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 3.87                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 3.98                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                  | 826.5           | Outer_Full    | 4.55                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 4.56                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 4.52                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                | 826.5           | Outer_Full    | 5.52                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 5.54                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 5.50                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                | 826.5           | Outer_Full    | 6.12                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 6.11                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 6.07                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM               | 826.5           | Outer_Full    | 6.90                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 6.42                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 6.85                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                     | 826.5           | Outer_Full    | 7.61                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 6.53                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 7.72                    | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                   | 826.5           | Outer_Full    | 7.76                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 6.61                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 7.80                    | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                   | 826.5           | Outer_Full    | 8.37                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 7.07                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 8.26                    | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                  | 826.5           | Outer_Full    | 9.48                    | /    | /   | <=13  | Pass    |
|                                  | 836.5           | Outer_Full    | 8.39                    | /    | /   | <=13  | Pass    |
|                                  | 846.5           | Outer_Full    | 9.13                    | /    | /   | <=13  | Pass    |

#### 4.1.2 15\_S\_10M\_NTNV

| 5G NR n5 SCS=15kHz SISO 10MHz NTN |                 |               |                         |      |     |       |         |
|-----------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                   |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 829             | Outer_Full    | 3.75                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 3.91                    | /    | /   | <=13  | Pass    |
|                                   | 844             | Outer_Full    | 3.99                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                   | 829             | Outer_Full    | 4.48                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 4.48                    | /    | /   | <=13  | Pass    |
|                                   | 844             | Outer_Full    | 4.50                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                 | 829             | Outer_Full    | 5.50                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.49                    | /    | /   | <=13  | Pass    |
|                                   | 844             | Outer_Full    | 5.52                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                 | 829             | Outer_Full    | 5.94                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.95                    | /    | /   | <=13  | Pass    |
|                                   | 844             | Outer_Full    | 5.95                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                | 829             | Outer_Full    | 7.09                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 7.09                    | /    | /   | <=13  | Pass    |
|                                   | 844             | Outer_Full    | 6.78                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                      | 829             | Outer_Full    | 7.70                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 7.22                    | /    | /   | <=13  | Pass    |

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|                 |       |            |      |   |   |      |      |
|-----------------|-------|------------|------|---|---|------|------|
|                 | 844   | Outer_Full | 6.73 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM  | 829   | Outer_Full | 7.73 | / | / | <=13 | Pass |
|                 | 836.5 | Outer_Full | 7.17 | / | / | <=13 | Pass |
|                 | 844   | Outer_Full | 6.74 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM  | 829   | Outer_Full | 8.03 | / | / | <=13 | Pass |
|                 | 836.5 | Outer_Full | 7.45 | / | / | <=13 | Pass |
|                 | 844   | Outer_Full | 7.09 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 829   | Outer_Full | 9.48 | / | / | <=13 | Pass |
|                 | 836.5 | Outer_Full | 9.09 | / | / | <=13 | Pass |
|                 | 844   | Outer_Full | 8.79 | / | / | <=13 | Pass |

#### 4.1.3 15\_S\_15M\_NTNV

| 5G NR n5 SCS=15kHz SISO 15MHz NTN |                 |               |                         |      |     |       |         |
|-----------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                   |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 831.5           | Outer_Full    | 3.78                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 3.98                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 4.11                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                   | 831.5           | Outer_Full    | 4.45                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 4.49                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 4.67                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                 | 831.5           | Outer_Full    | 5.41                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.39                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 5.52                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                 | 831.5           | Outer_Full    | 5.95                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.91                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 6.01                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                | 831.5           | Outer_Full    | 6.87                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 6.89                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 6.87                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                      | 831.5           | Outer_Full    | 6.58                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 6.56                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 6.77                    | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                    | 831.5           | Outer_Full    | 6.40                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 6.51                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 6.71                    | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                    | 831.5           | Outer_Full    | 6.88                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 6.98                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 7.21                    | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                   | 831.5           | Outer_Full    | 8.41                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 8.41                    | /    | /   | <=13  | Pass    |
|                                   | 841.5           | Outer_Full    | 8.43                    | /    | /   | <=13  | Pass    |

#### 4.1.4 15\_S\_20M\_NTNV

| 5G NR n5 SCS=15kHz SISO 20MHz NTN |                 |               |                         |      |     |       |         |
|-----------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                   |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK              | 834             | Outer_Full    | 4.02                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 4.04                    | /    | /   | <=13  | Pass    |
|                                   | 839             | Outer_Full    | 4.07                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                   | 834             | Outer_Full    | 4.47                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 4.57                    | /    | /   | <=13  | Pass    |
|                                   | 839             | Outer_Full    | 8.48                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                 | 834             | Outer_Full    | 5.43                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.43                    | /    | /   | <=13  | Pass    |
|                                   | 839             | Outer_Full    | 5.53                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                 | 834             | Outer_Full    | 5.85                    | /    | /   | <=13  | Pass    |
|                                   | 836.5           | Outer_Full    | 5.84                    | /    | /   | <=13  | Pass    |
|                                   | 839             | Outer_Full    | 5.94                    | /    | /   | <=13  | Pass    |

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|                    |       |            |      |   |   |      |      |
|--------------------|-------|------------|------|---|---|------|------|
| DFT-s-OFDM 256 QAM | 834   | Outer_Full | 7.27 | / | / | <=13 | Pass |
|                    | 836.5 | Outer_Full | 6.83 | / | / | <=13 | Pass |
|                    | 839   | Outer_Full | 6.84 | / | / | <=13 | Pass |
| CP-OFDM QPSK       | 834   | Outer_Full | 7.05 | / | / | <=13 | Pass |
|                    | 836.5 | Outer_Full | 6.60 | / | / | <=13 | Pass |
|                    | 839   | Outer_Full | 6.76 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM     | 834   | Outer_Full | 7.02 | / | / | <=13 | Pass |
|                    | 836.5 | Outer_Full | 6.62 | / | / | <=13 | Pass |
|                    | 839   | Outer_Full | 6.81 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM     | 834   | Outer_Full | 7.53 | / | / | <=13 | Pass |
|                    | 836.5 | Outer_Full | 7.11 | / | / | <=13 | Pass |
|                    | 839   | Outer_Full | 7.23 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM    | 834   | Outer_Full | 8.82 | / | / | <=13 | Pass |
|                    | 836.5 | Outer_Full | 8.50 | / | / | <=13 | Pass |
|                    | 839   | Outer_Full | 8.51 | / | / | <=13 | Pass |



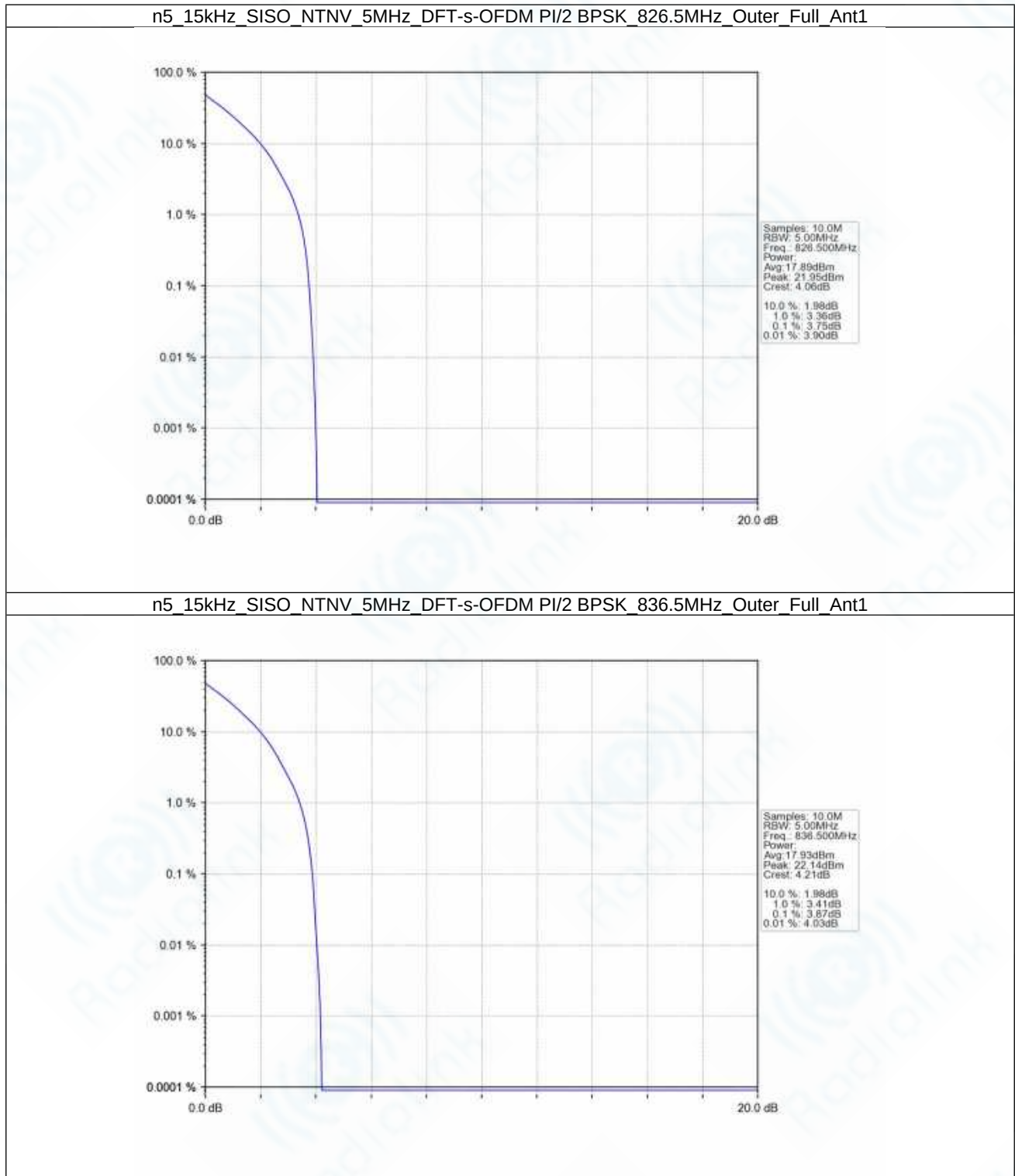
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## 4.2 Test Graph

### 4.2.1 15\_S\_5M\_NTNV

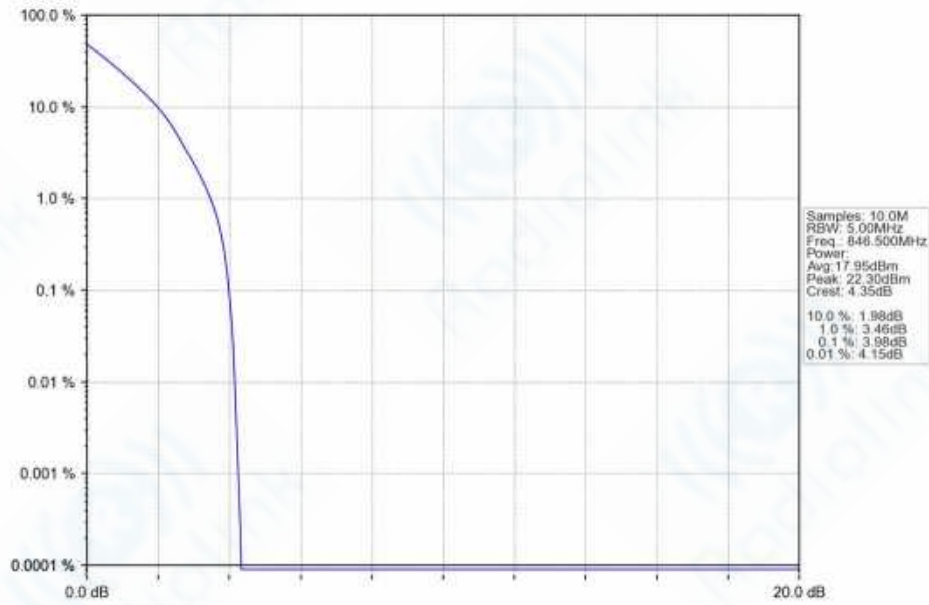


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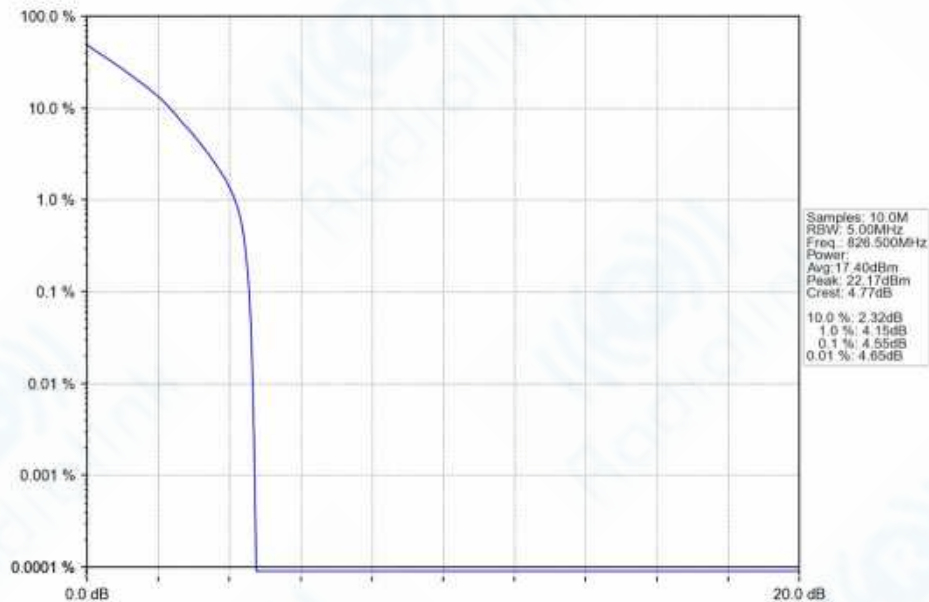
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_826.5MHz\_Outer\_Full\_Ant1

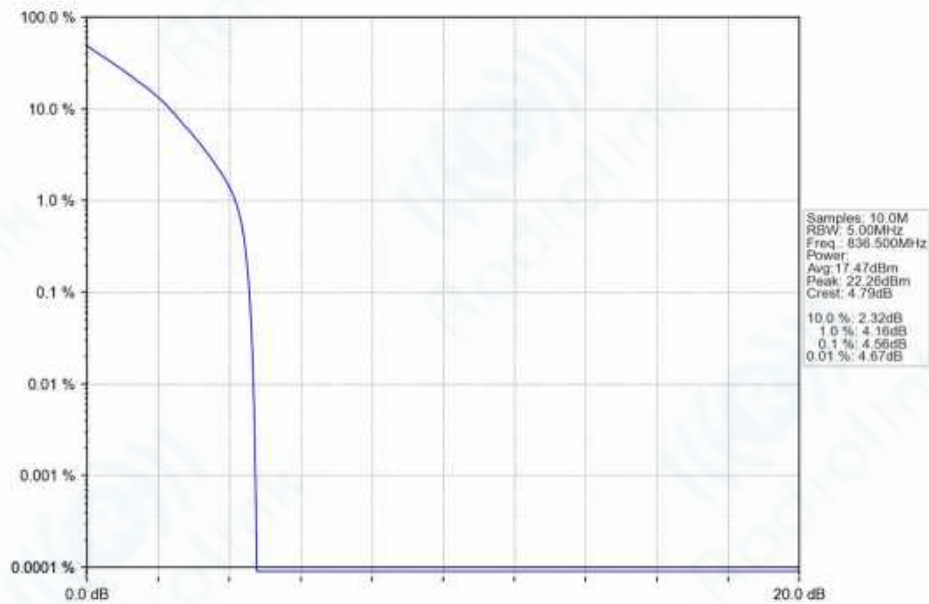


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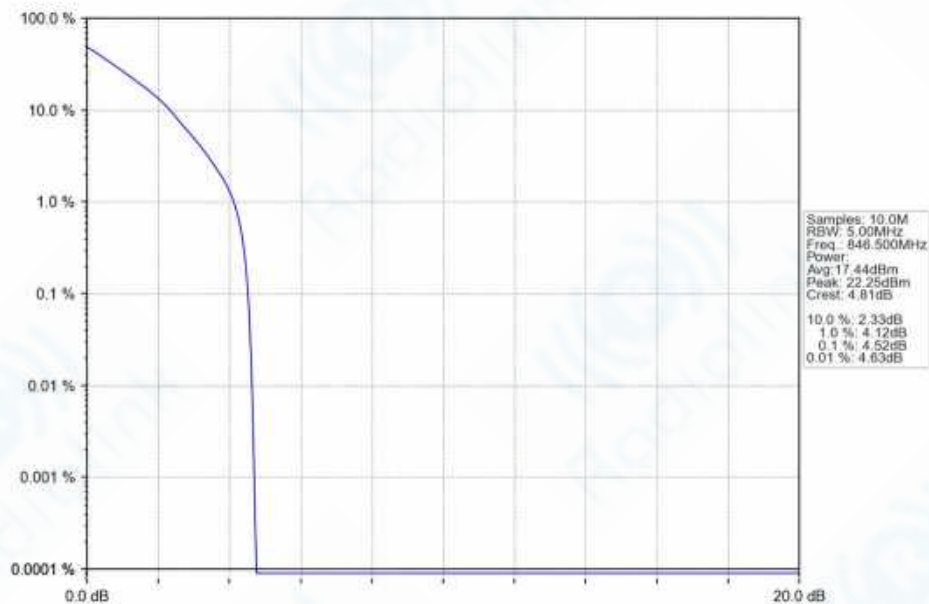
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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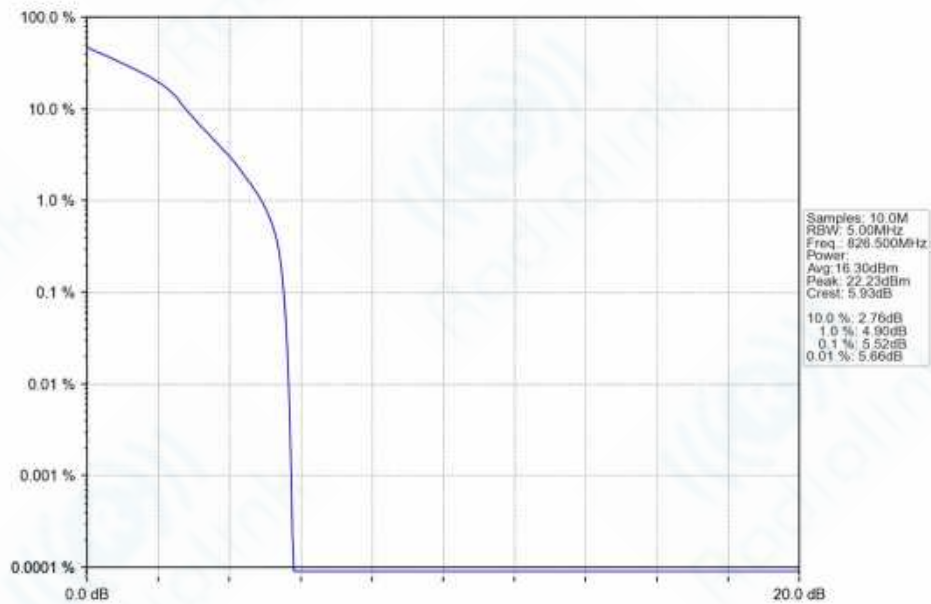
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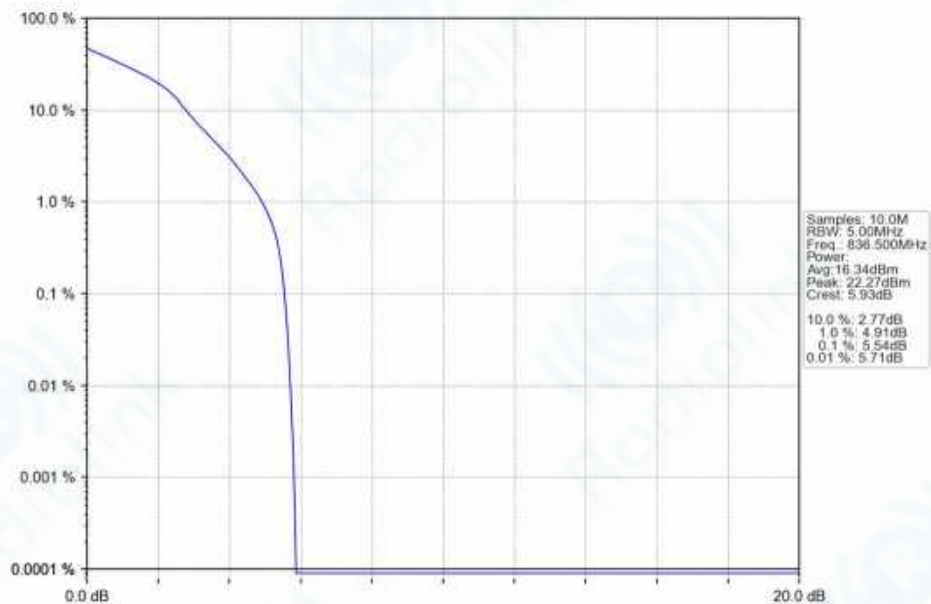
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_826.5MHz\_Outer\_Full\_Ant1



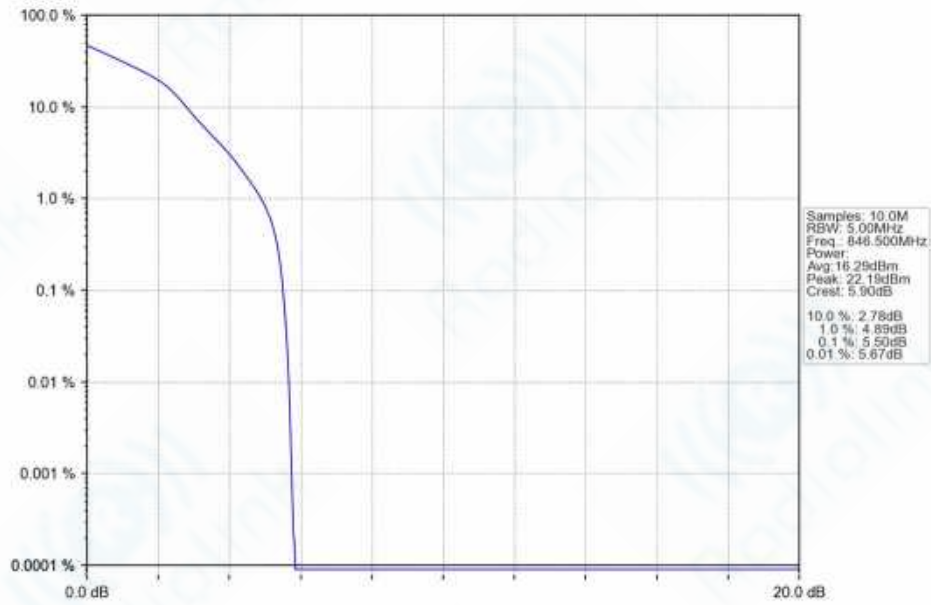
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_16\_QAM\_836.5MHz\_Outer\_Full\_Ant1



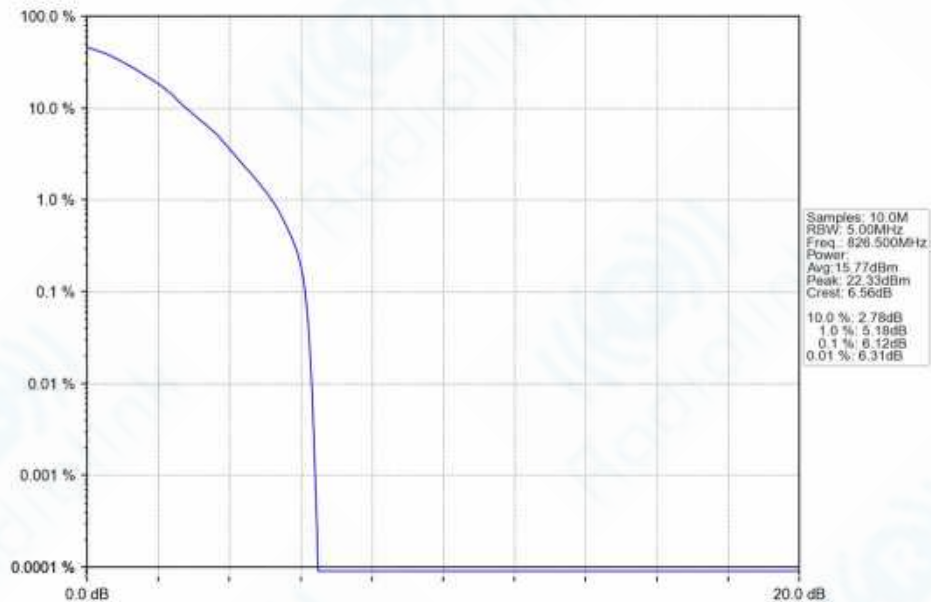
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 16 QAM\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 64 QAM\_826.5MHz\_Outer\_Full\_Ant1

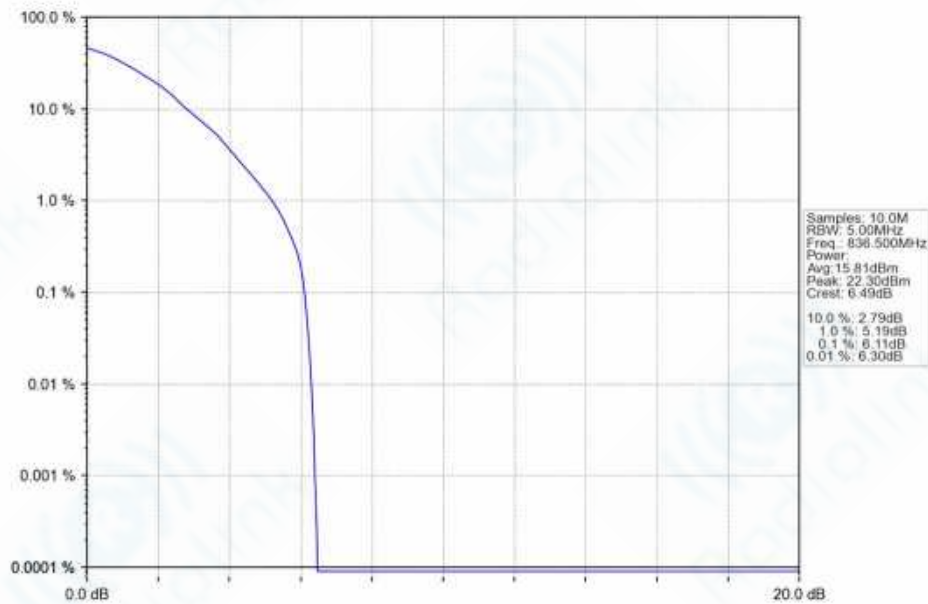


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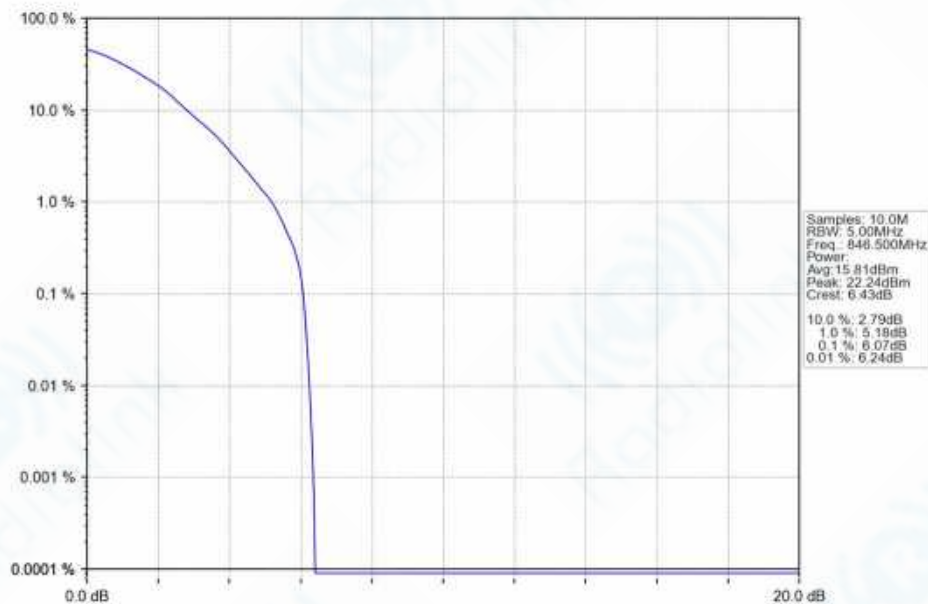
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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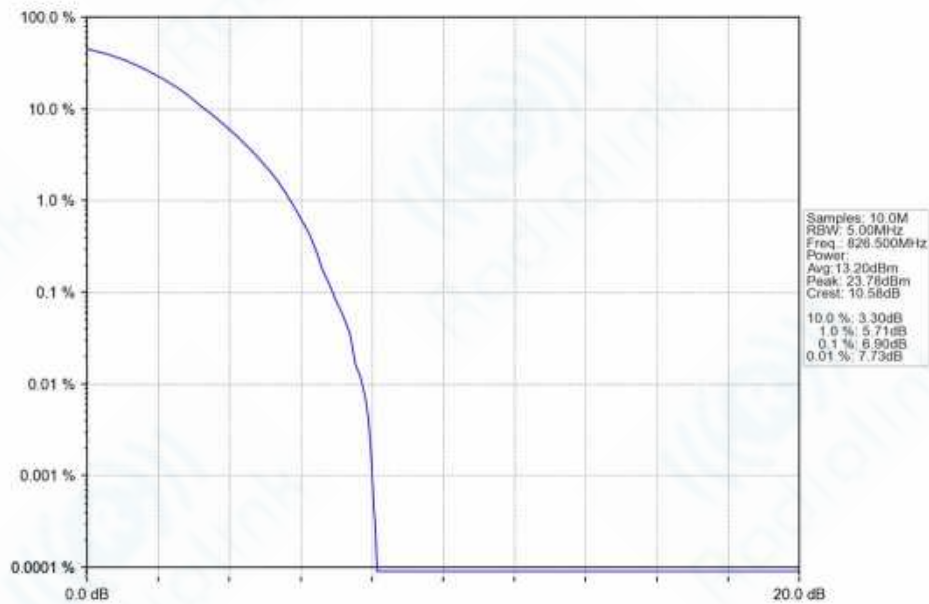
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 64 QAM\_836.5MHz\_Outer\_Full\_Ant1



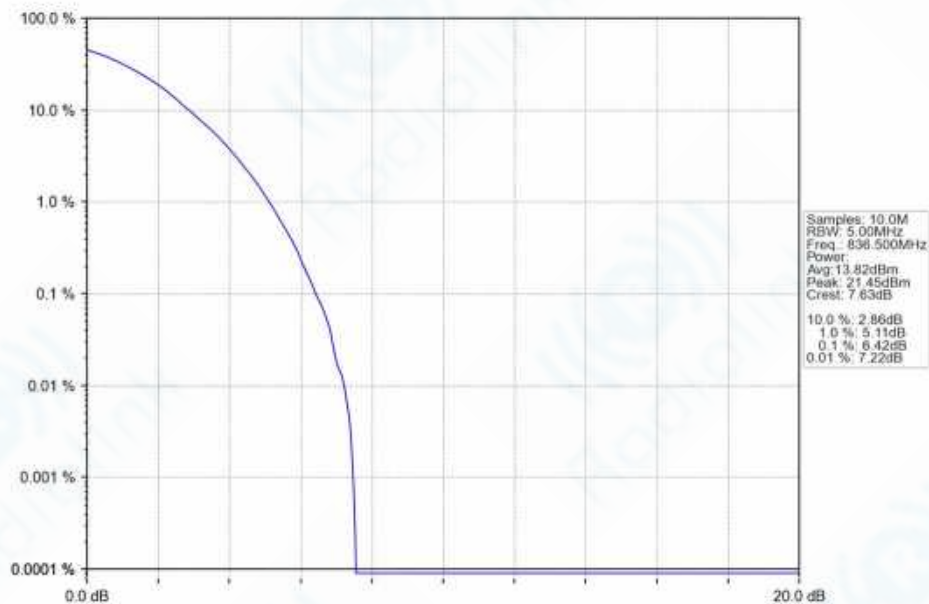
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM 64 QAM\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_826.5MHz\_Outer\_Full\_Ant1



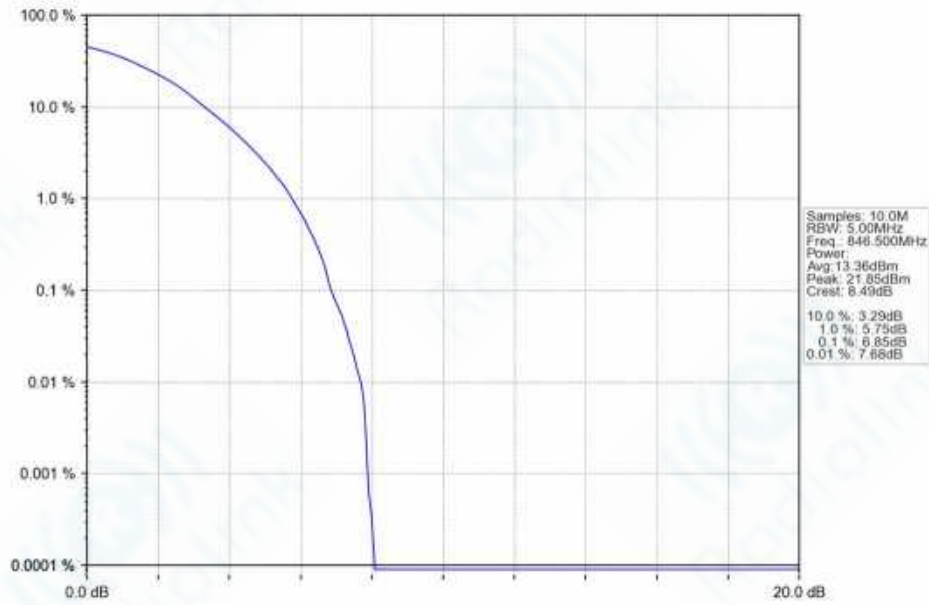
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full\_Ant1



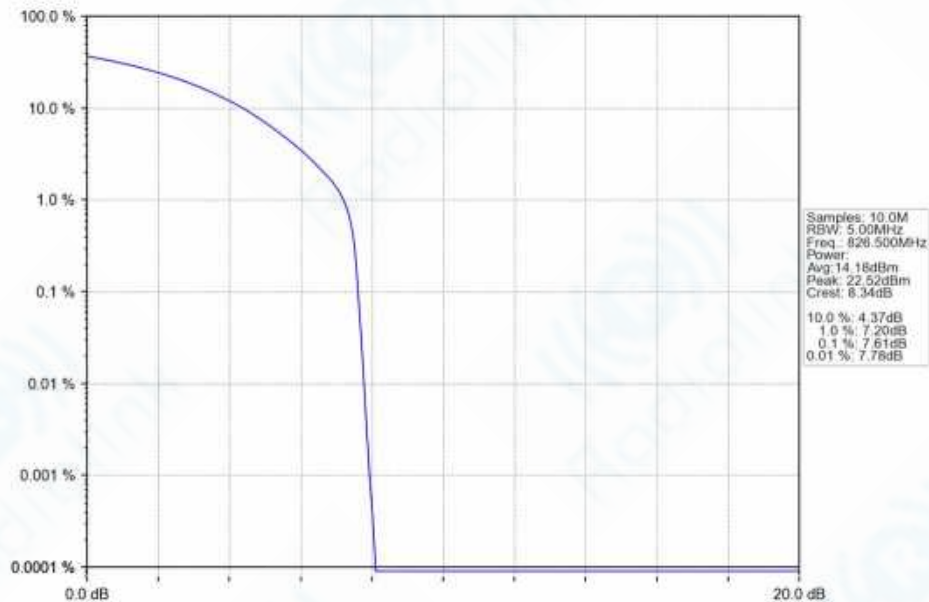
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_256\_QAM\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_826.5MHz\_Outer\_Full\_Ant1

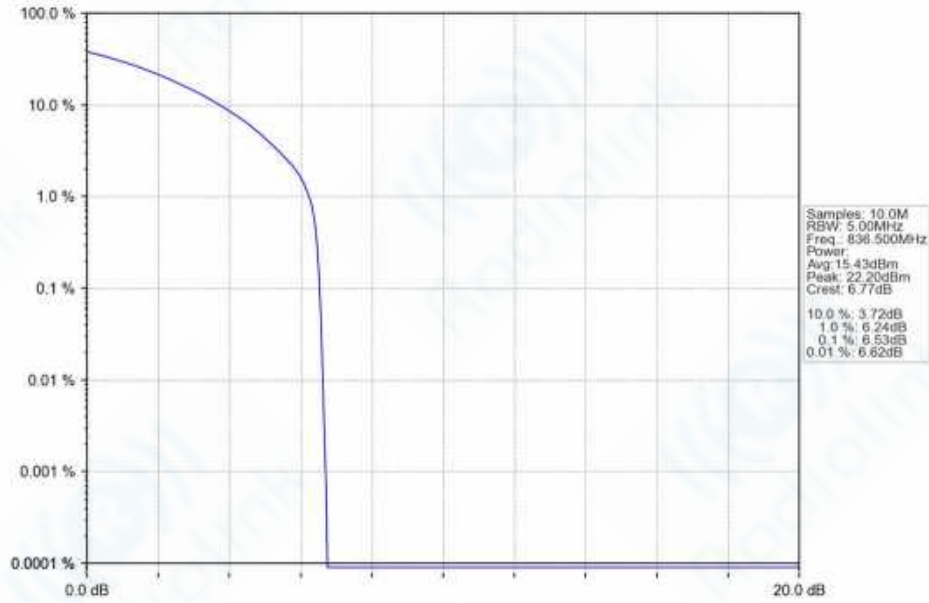


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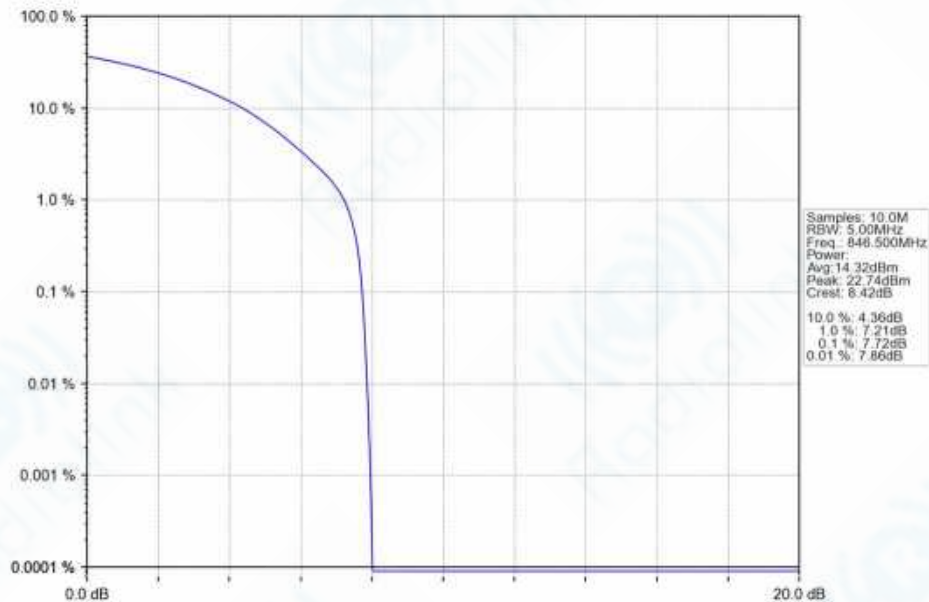
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

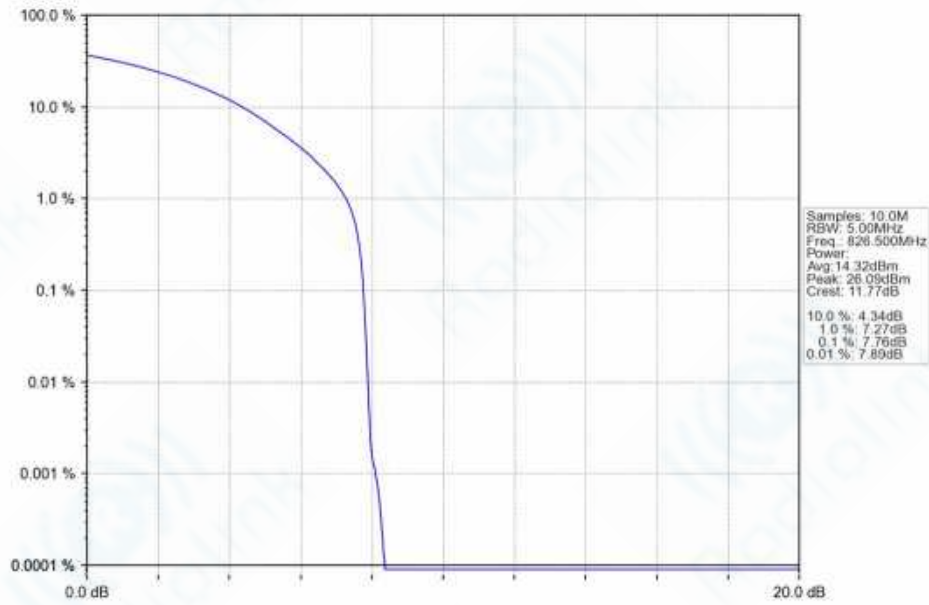
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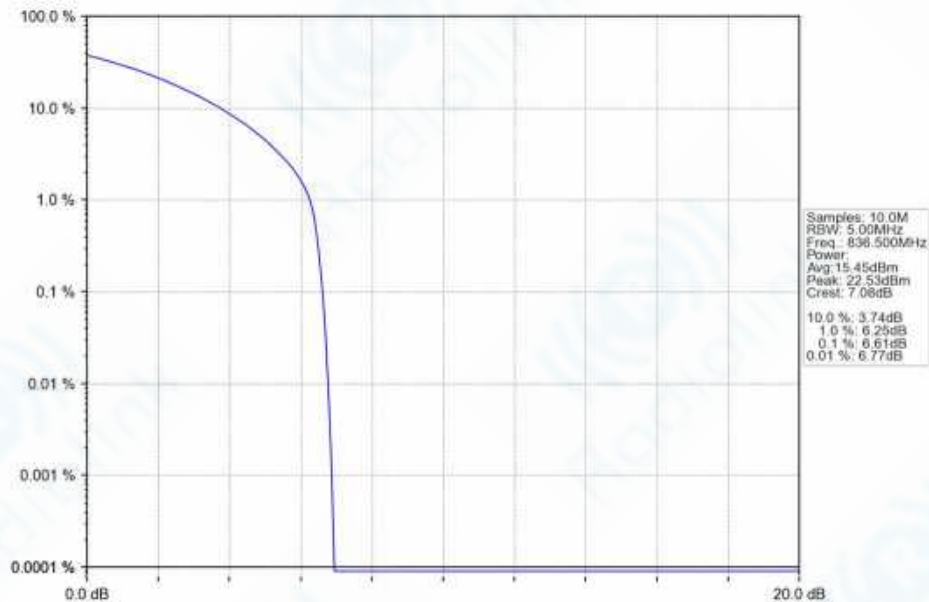
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_16\_QAM\_826.5MHz\_Outer\_Full\_Ant1



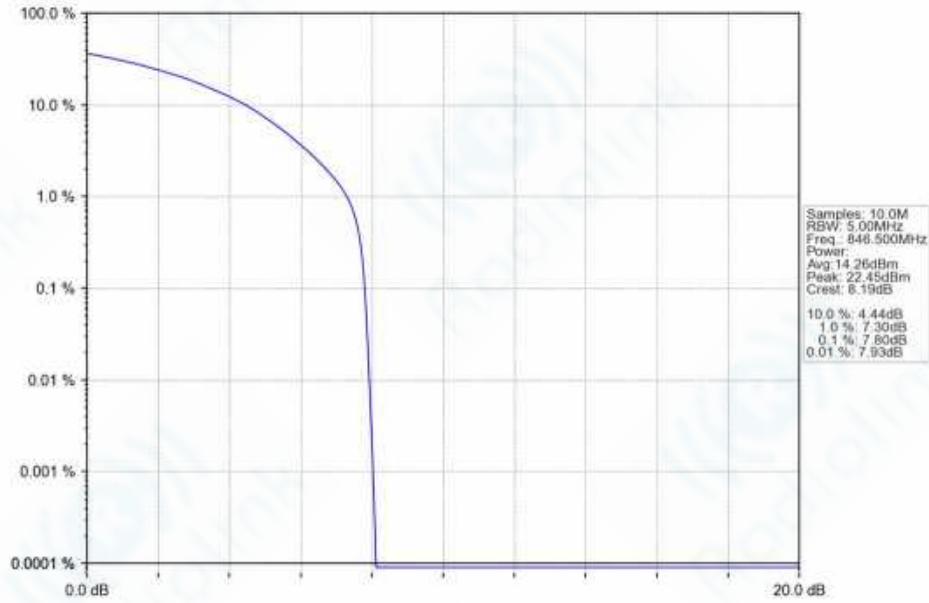
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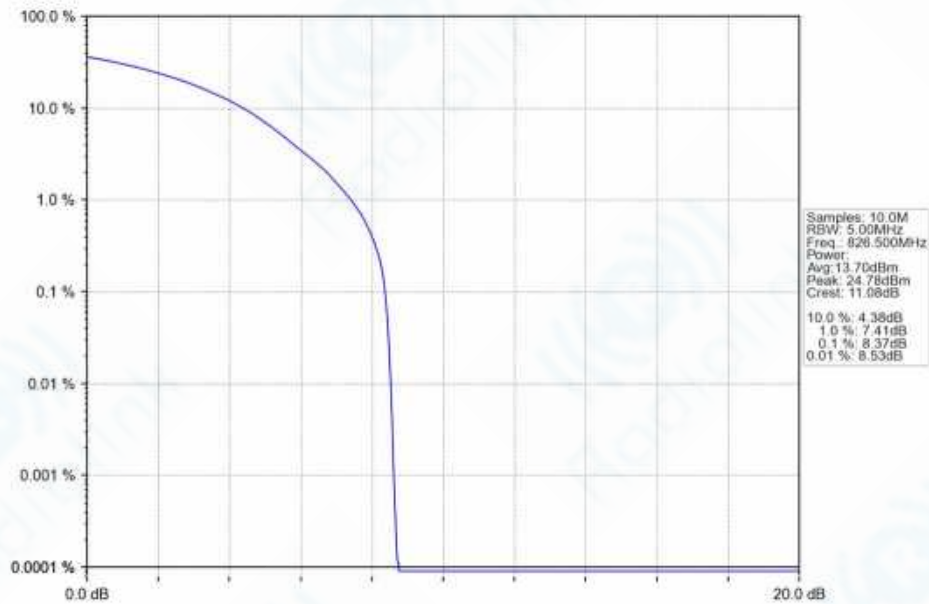
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 16 QAM\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 64 QAM\_826.5MHz\_Outer\_Full\_Ant1

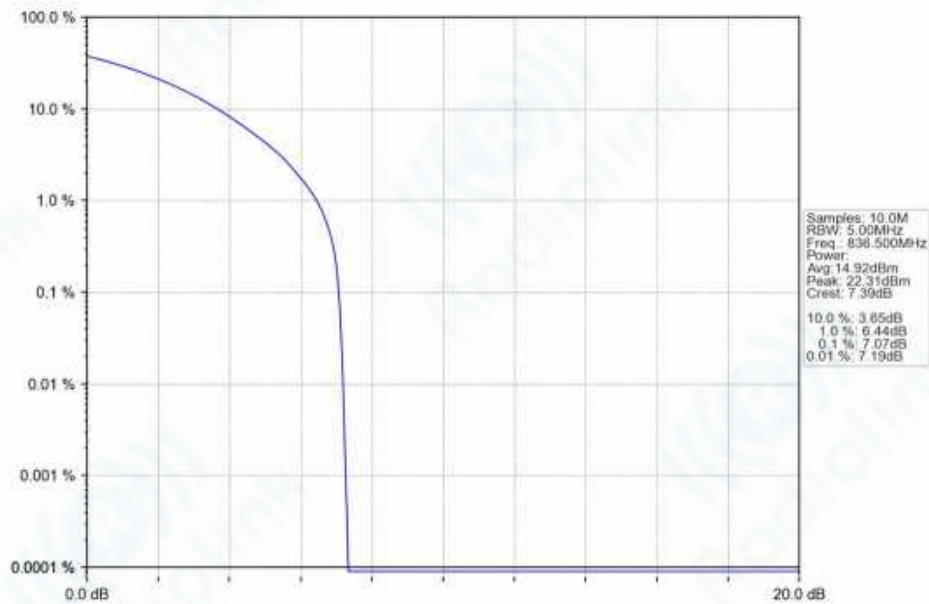


**Radiolink Testing (Shenzhen) Co., Ltd.**

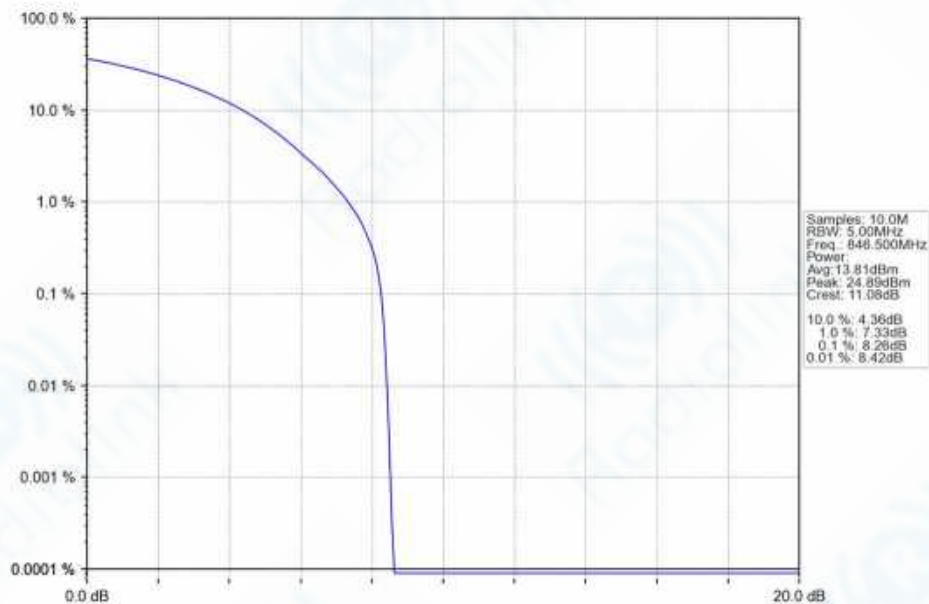
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

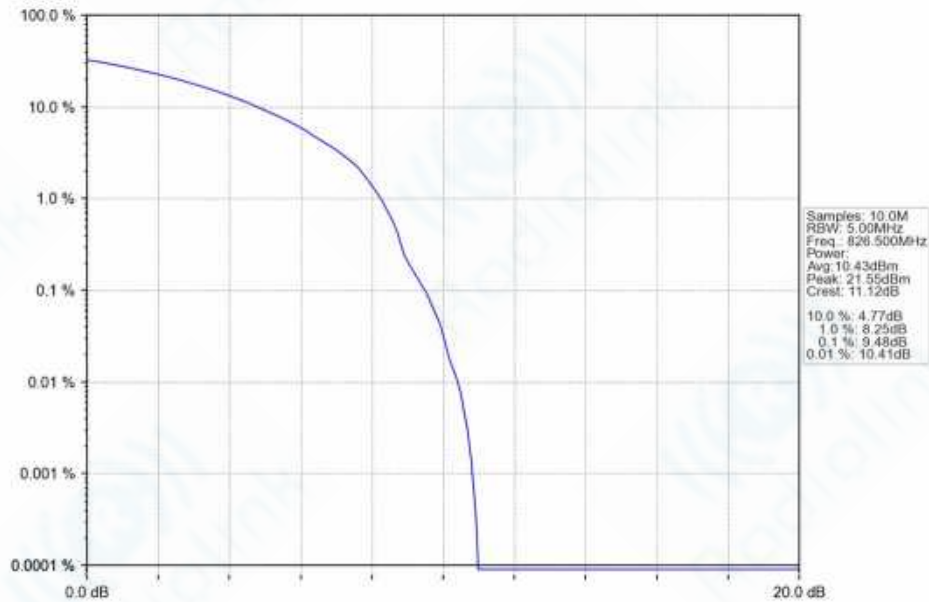
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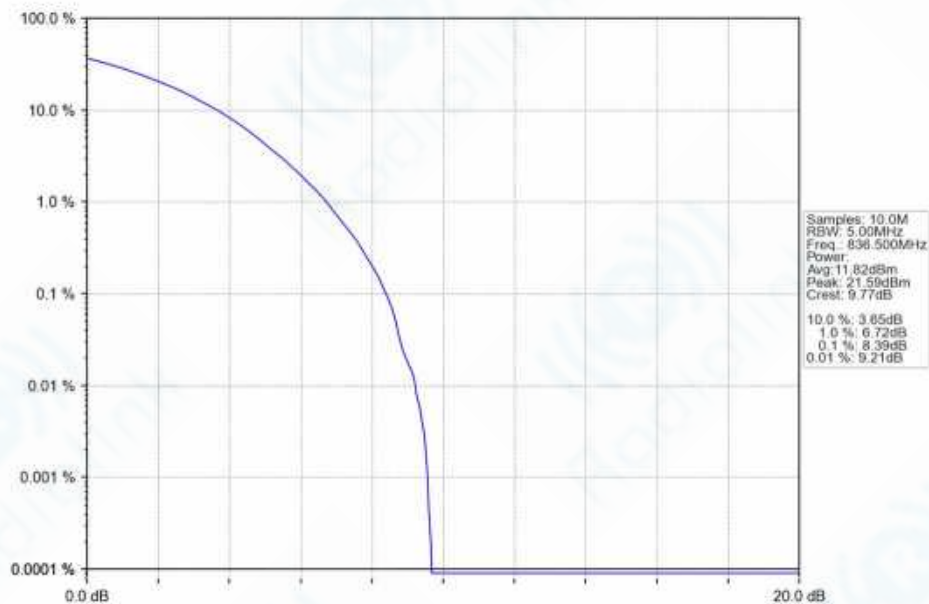
n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM 64 QAM\_846.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_826.5MHz\_Outer\_Full\_Ant1



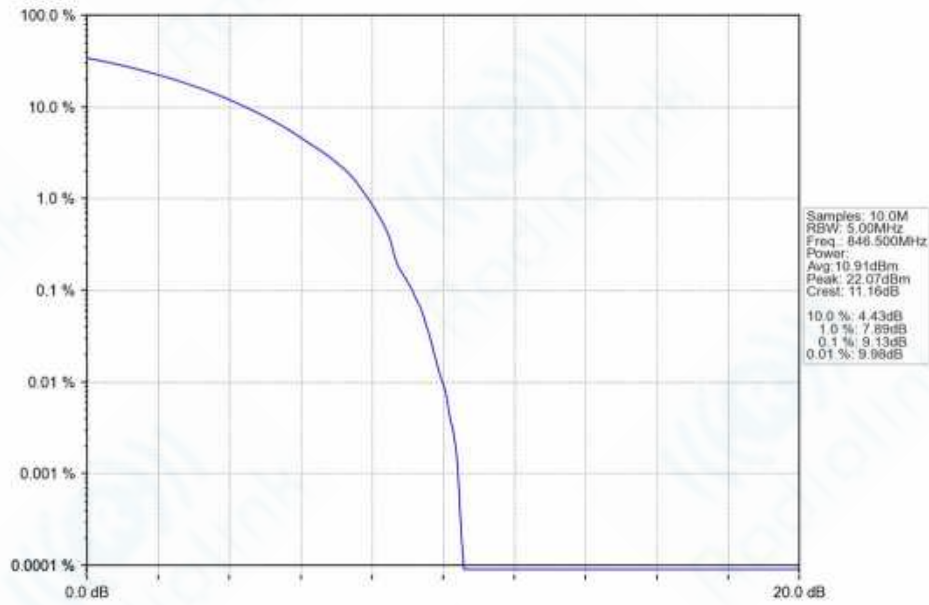
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**Radiolink Testing (Shenzhen) Co., Ltd.**

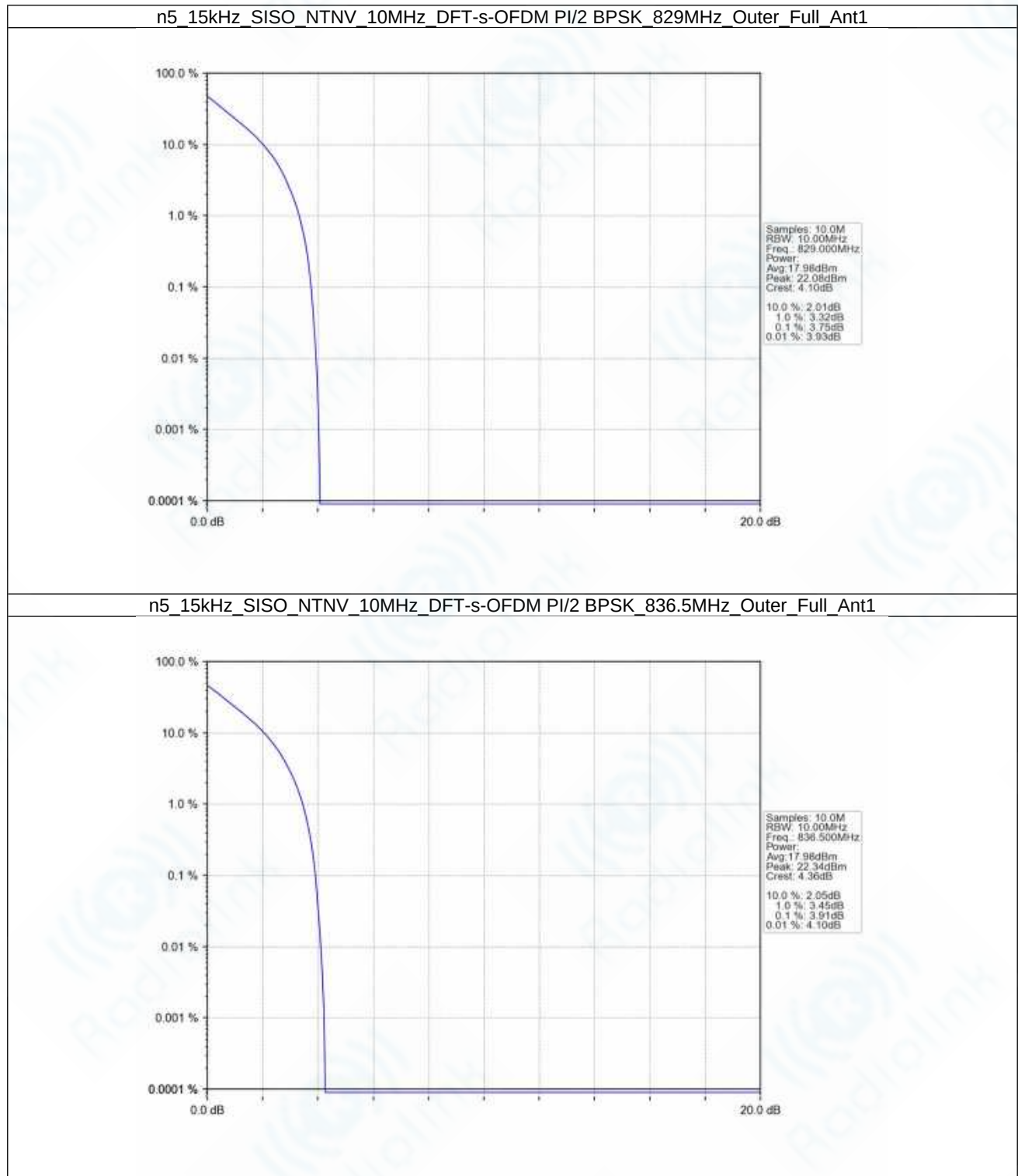
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_256\_QAM\_846.5MHz\_Outer\_Full\_Ant1

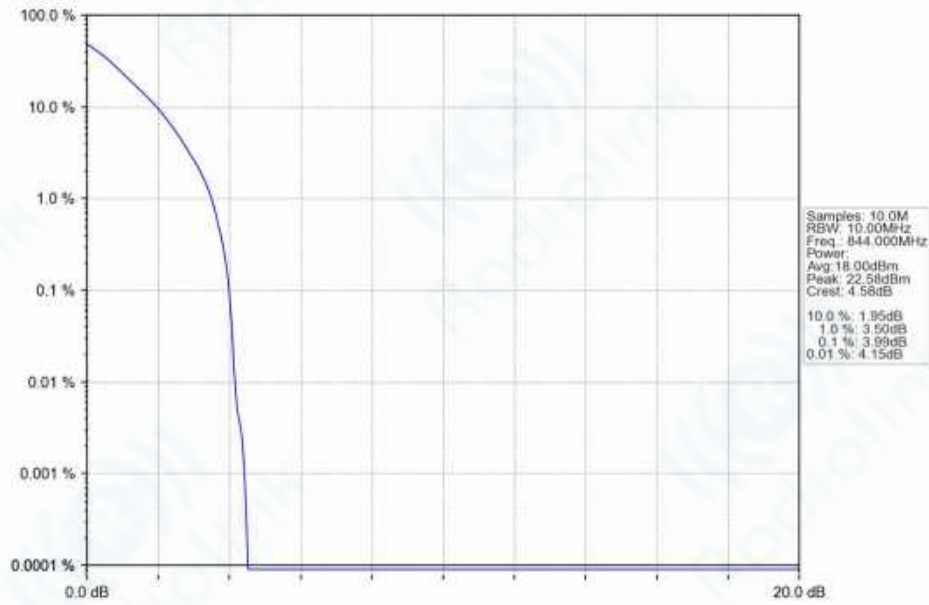

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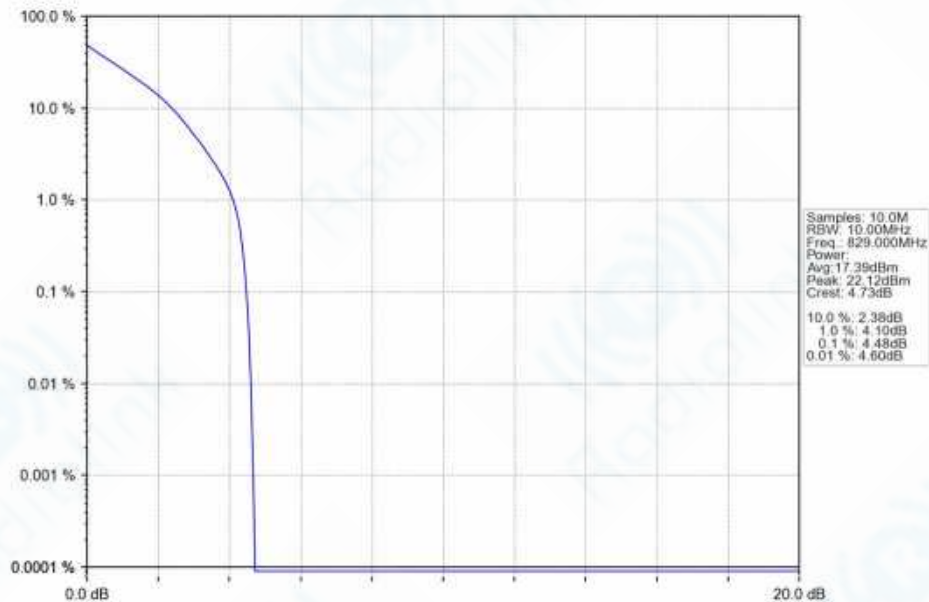
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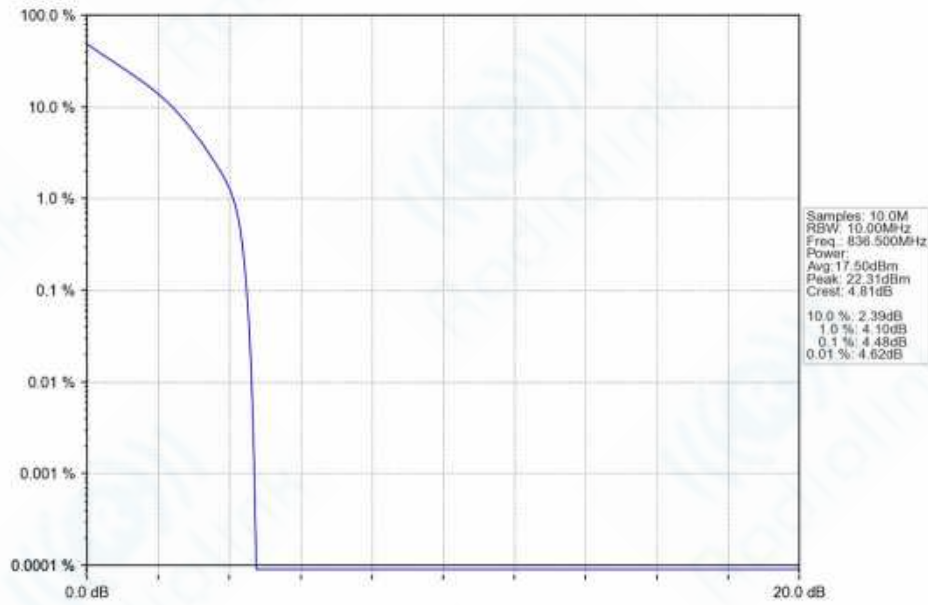
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_829MHz\_Outer\_Full\_Ant1



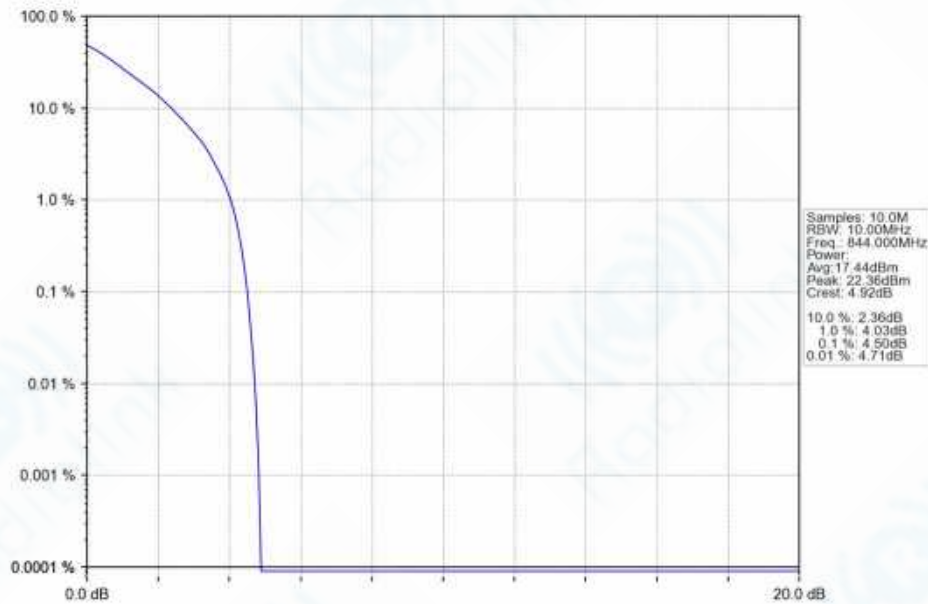
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_844MHz\_Outer\_Full\_Ant1

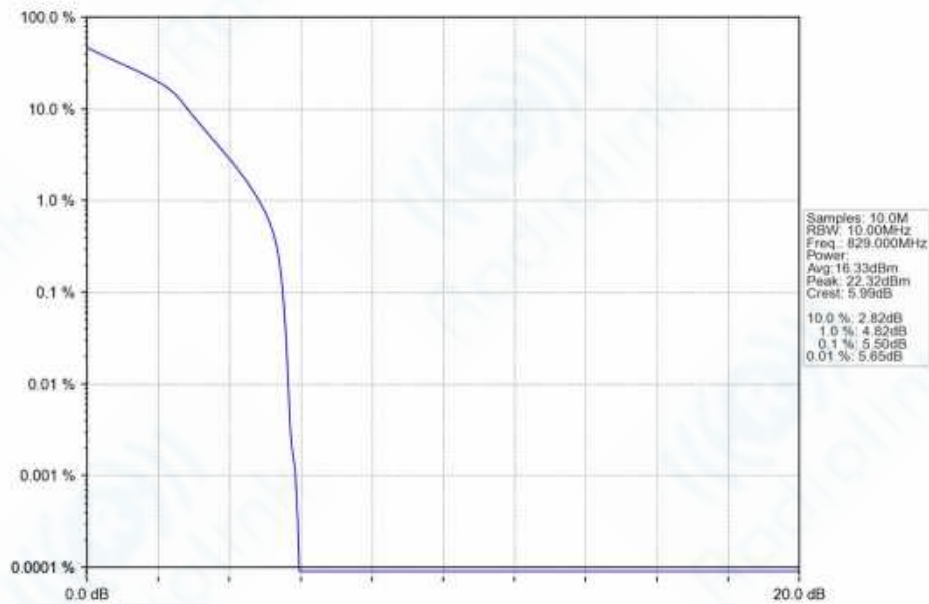


**Radiolink Testing (Shenzhen) Co., Ltd.**

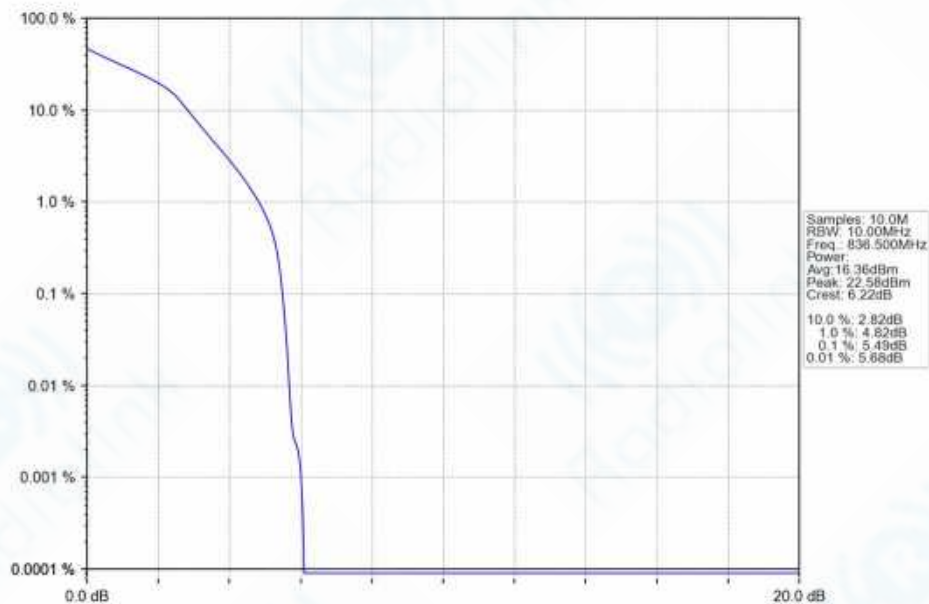
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

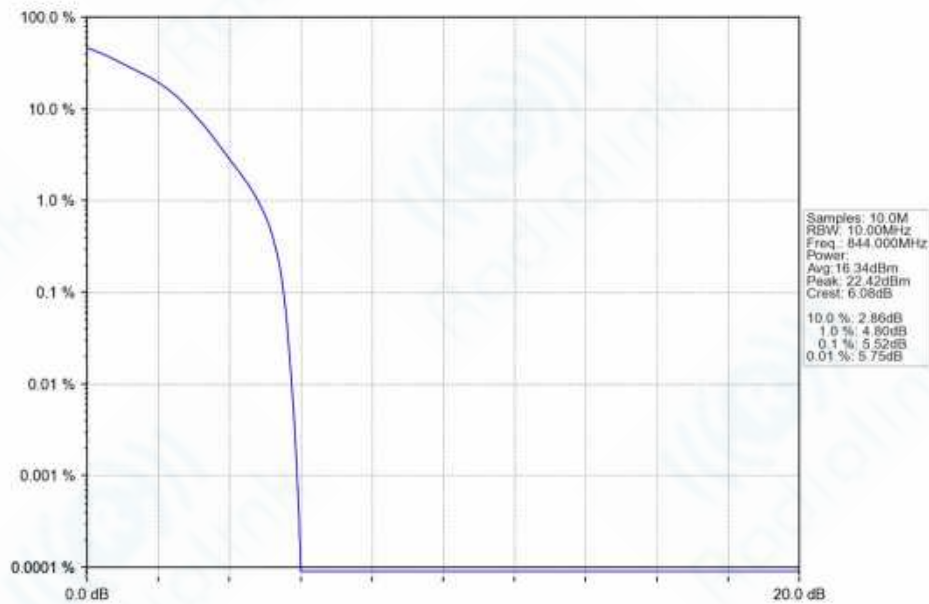
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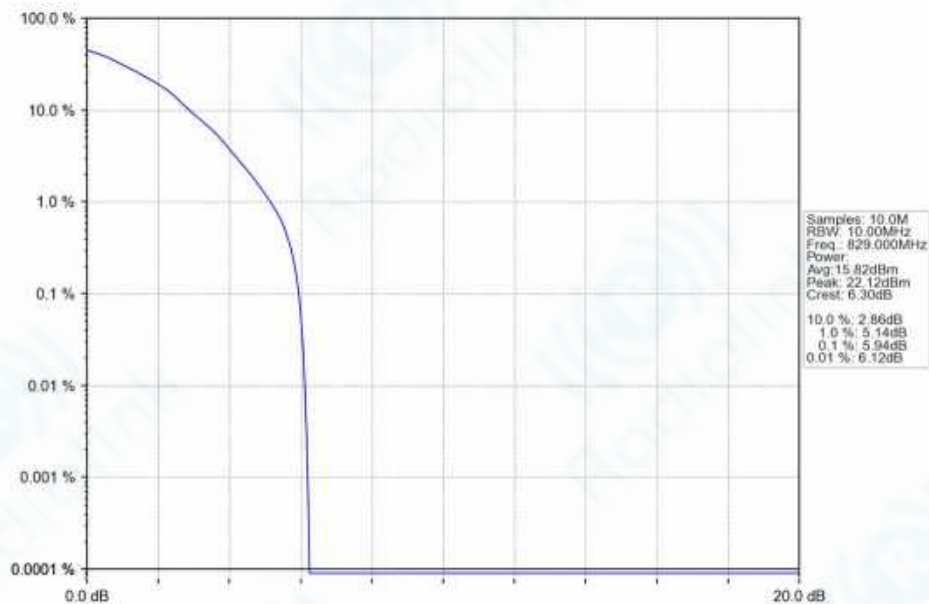
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_844MHz\_Outer\_Full\_Ant1



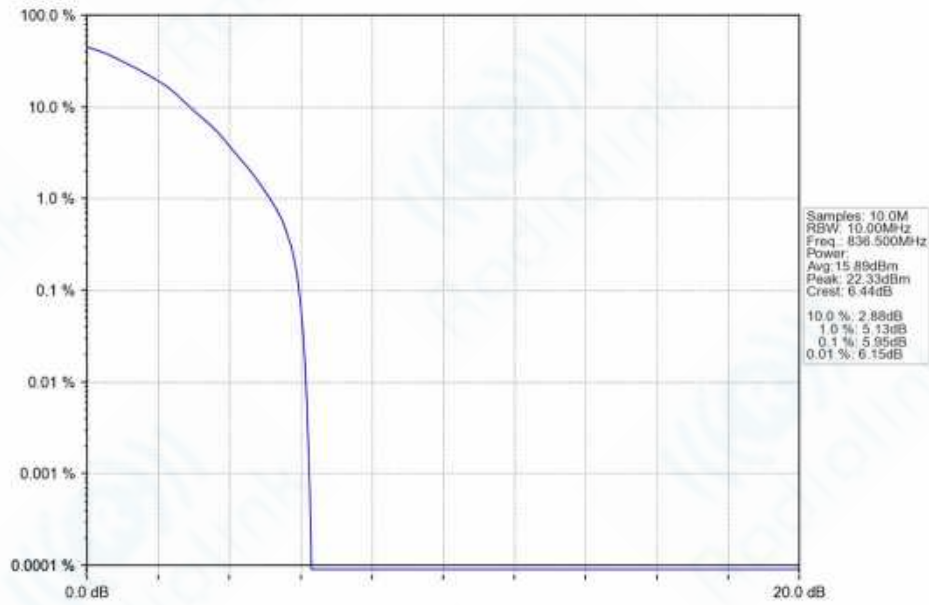
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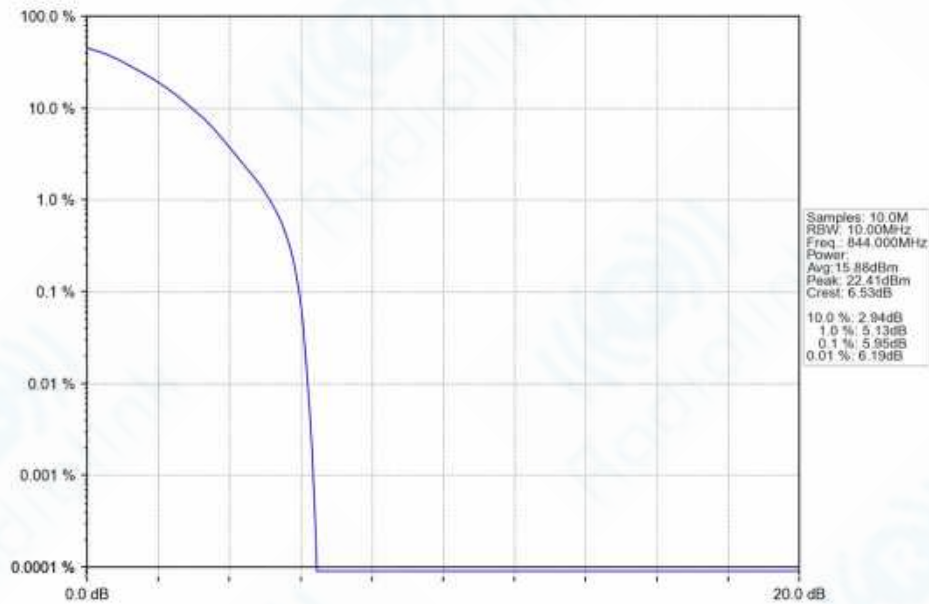
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Shenzhen, Guangdong Province, China  
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_64\_QAM\_844MHz\_Outer\_Full\_Ant1

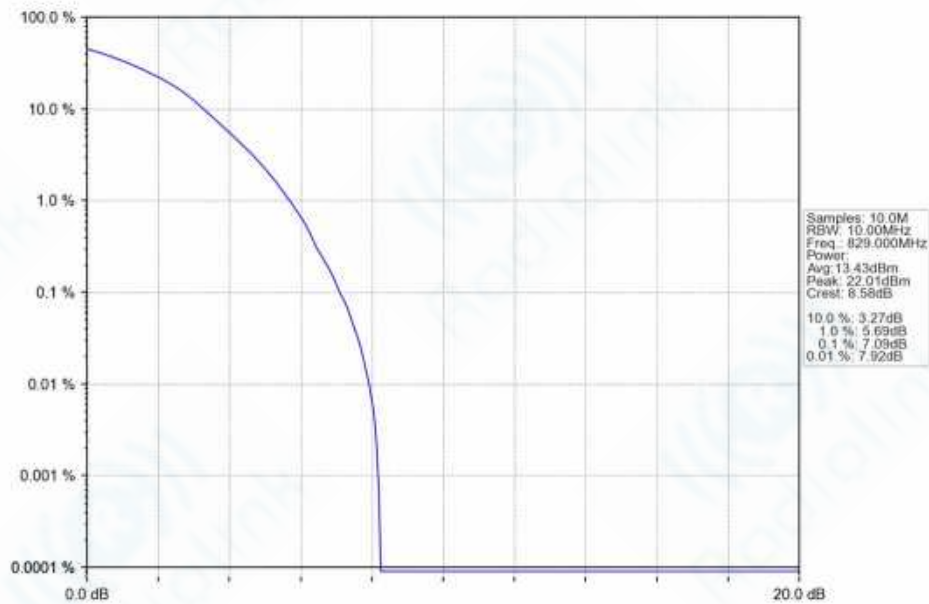


**Radiolink Testing (Shenzhen) Co., Ltd.**

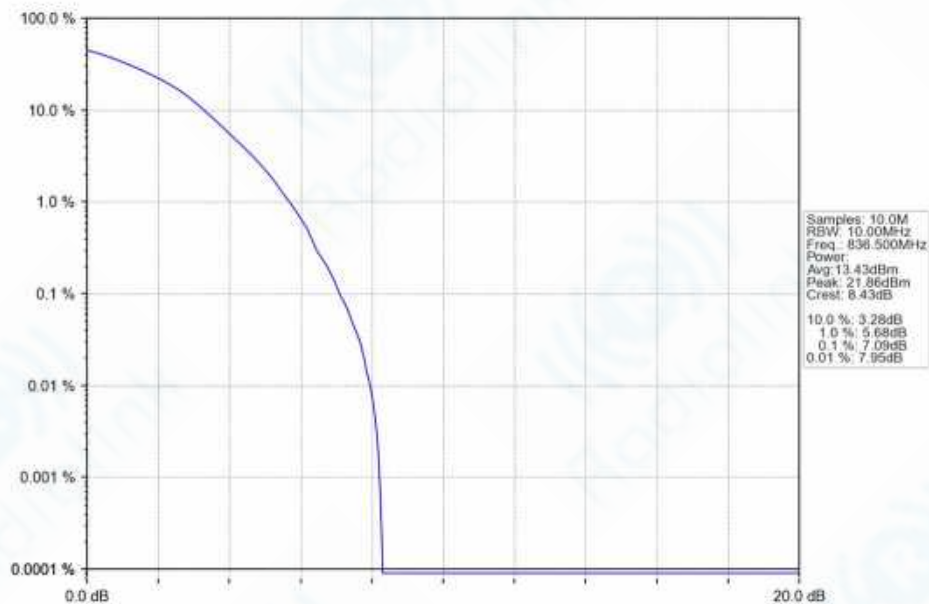
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

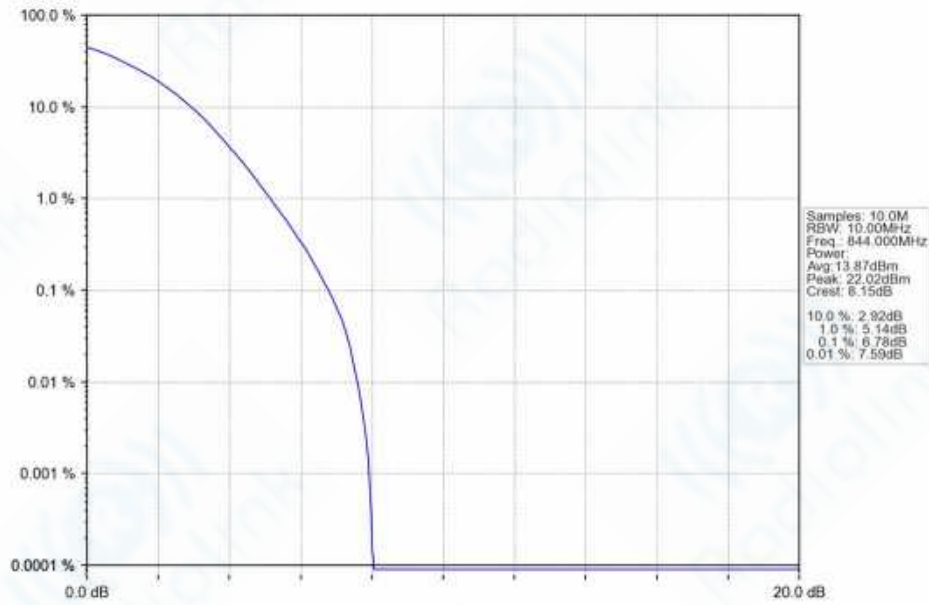
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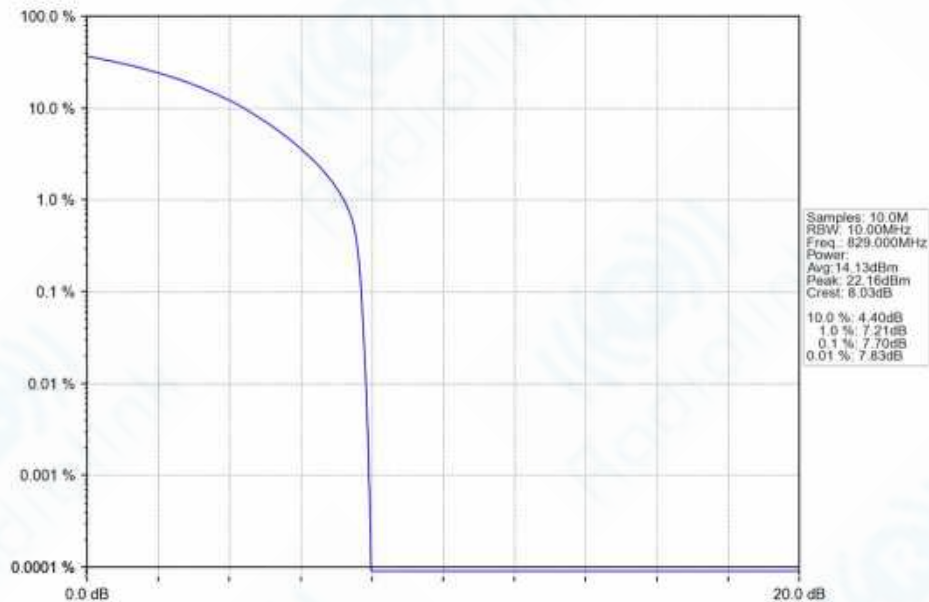
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 256 QAM 844MHz\_Outer\_Full\_Ant1



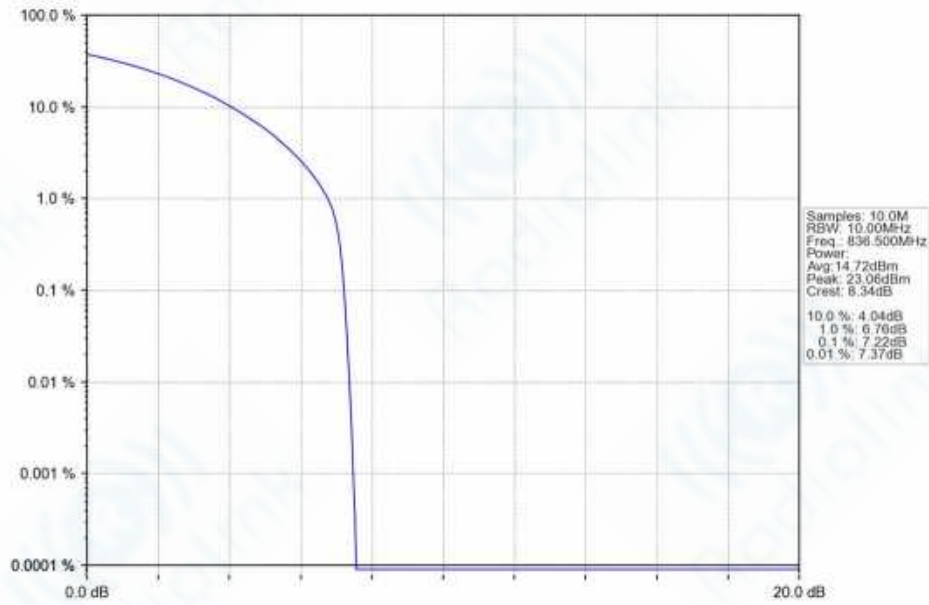
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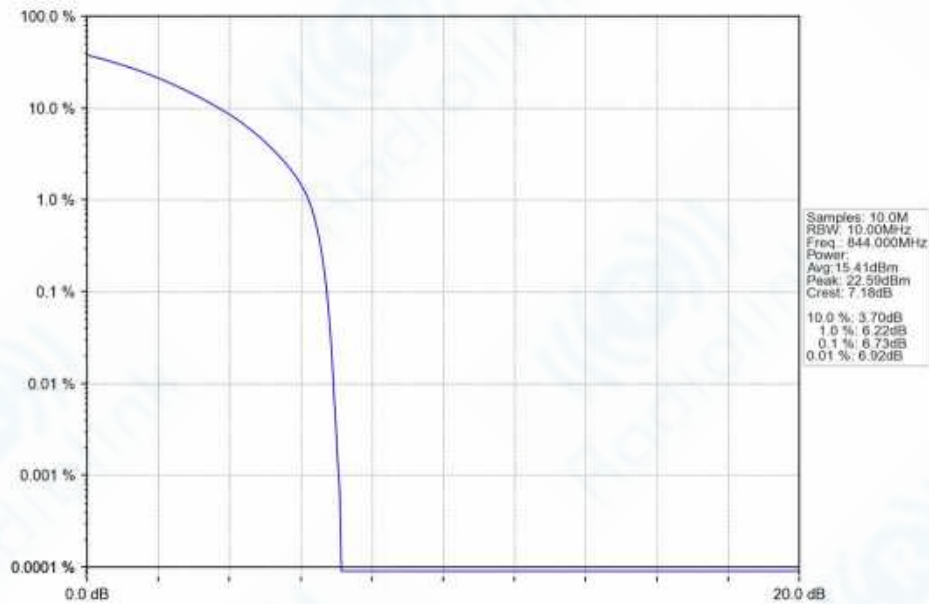
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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_844MHz\_Outer\_Full\_Ant1

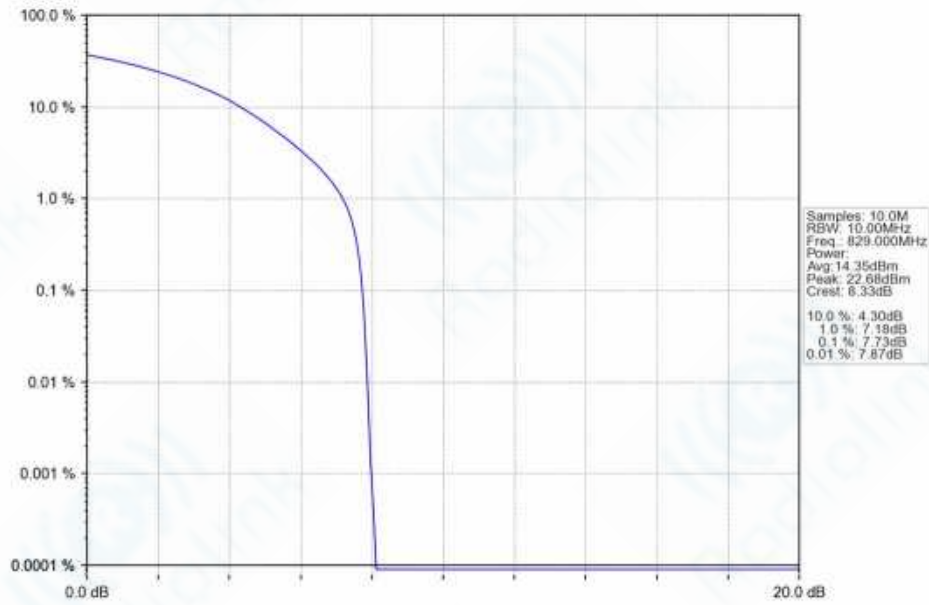


**Radiolink Testing (Shenzhen) Co., Ltd.**

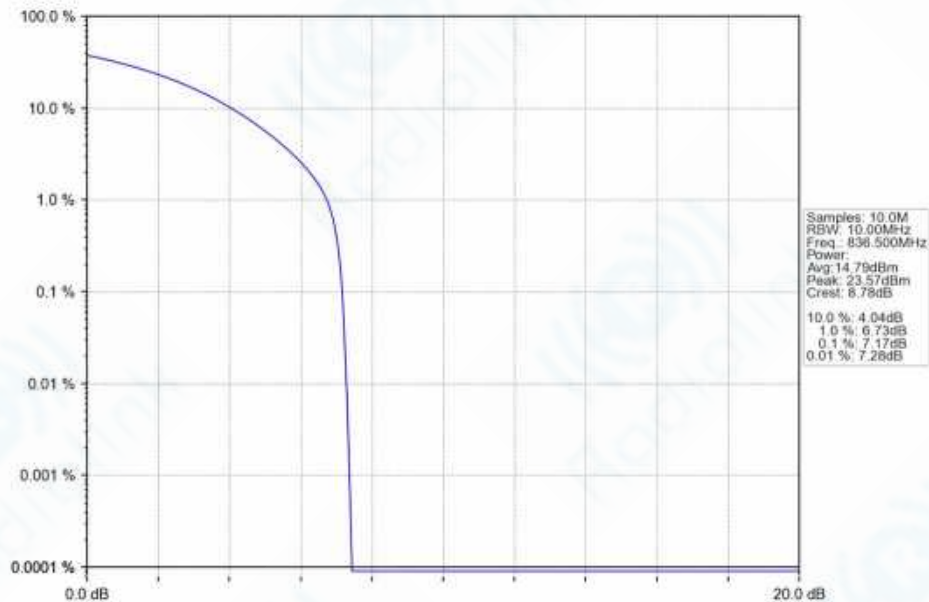
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

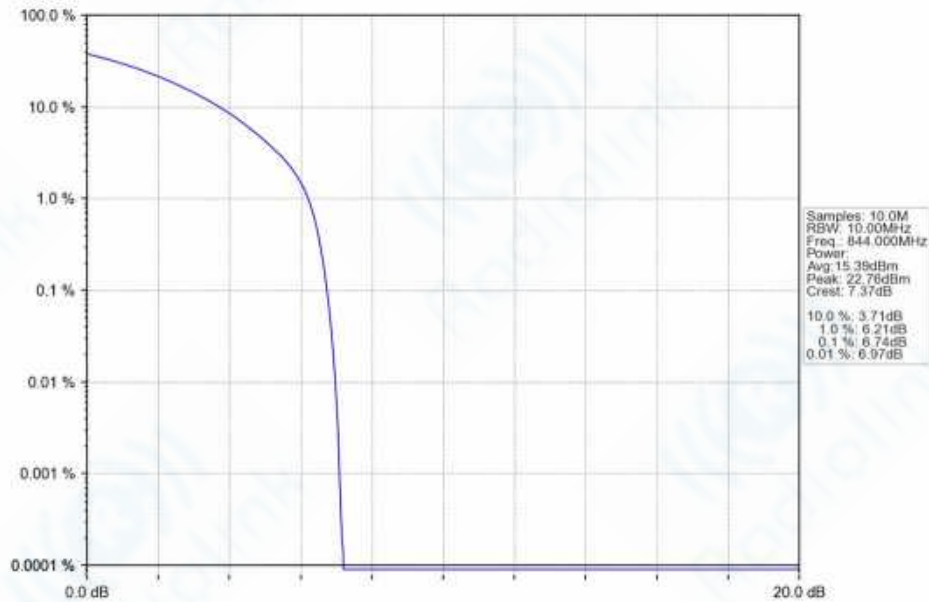
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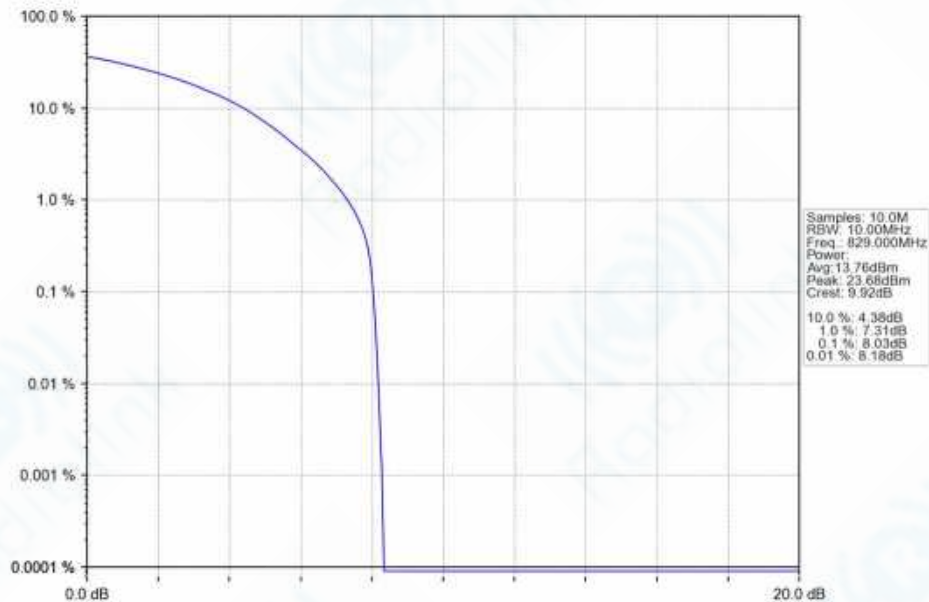
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n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16\_QAM\_844MHz\_Outer\_Full\_Ant1



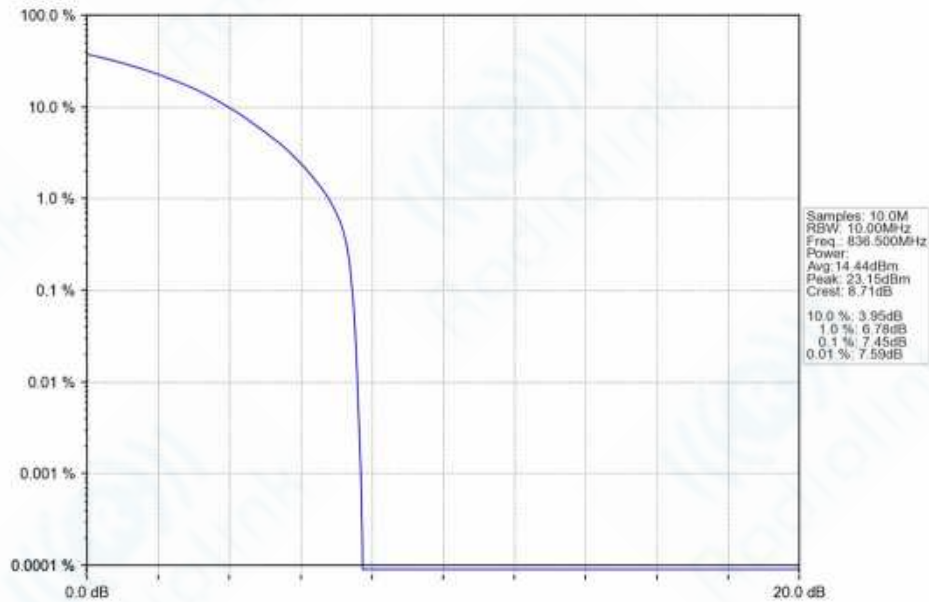
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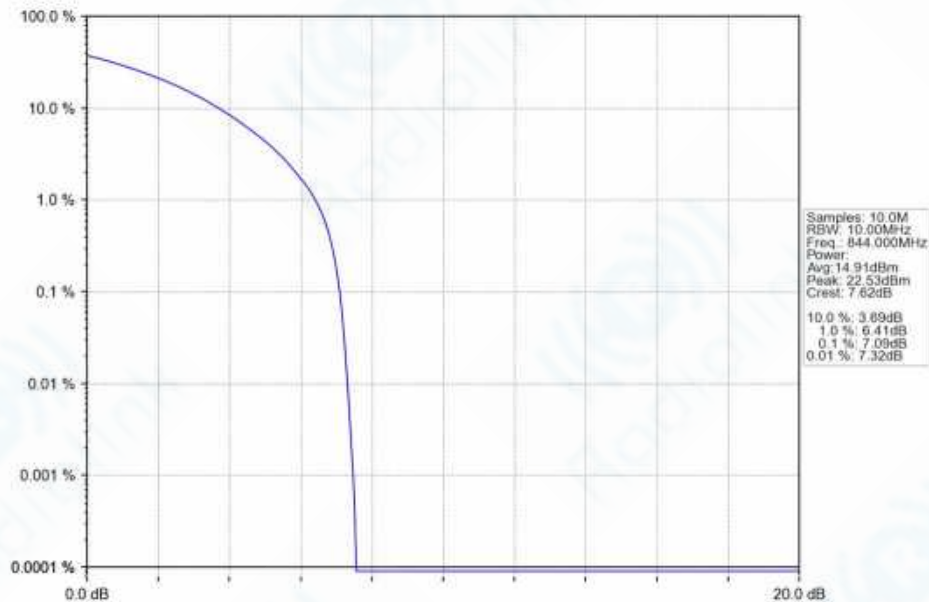
**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_64\_QAM\_844MHz\_Outer\_Full\_Ant1

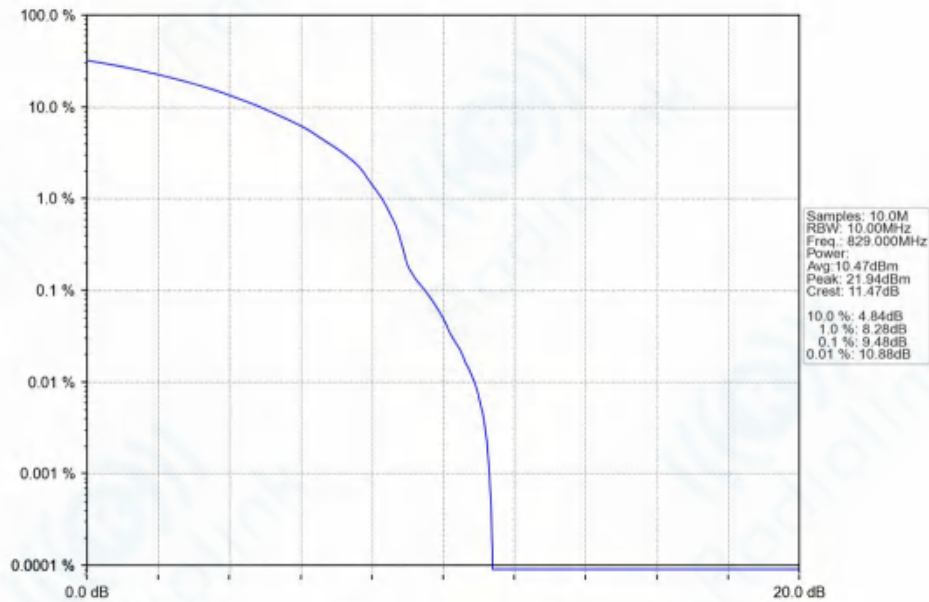


**Radiolink Testing (Shenzhen) Co., Ltd.**

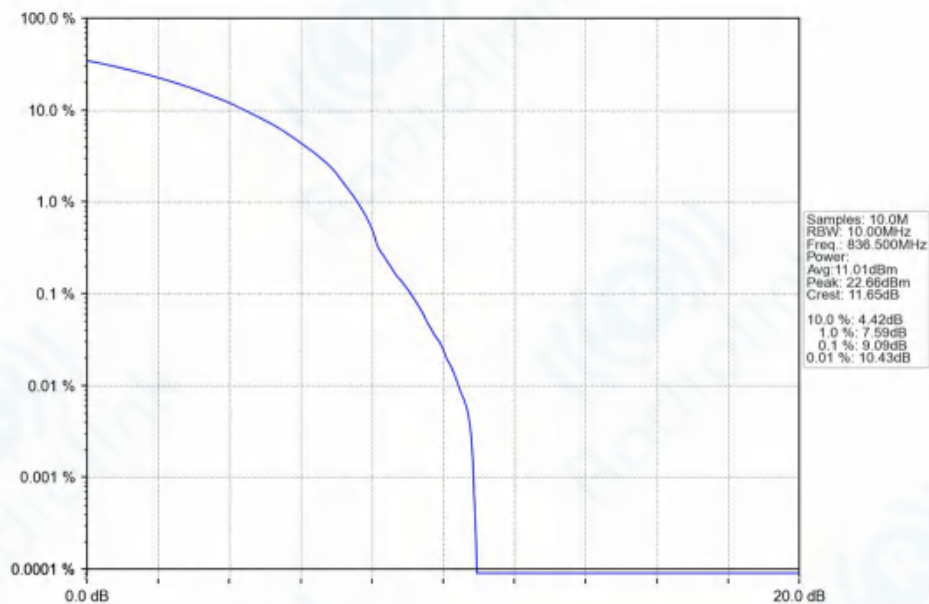
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

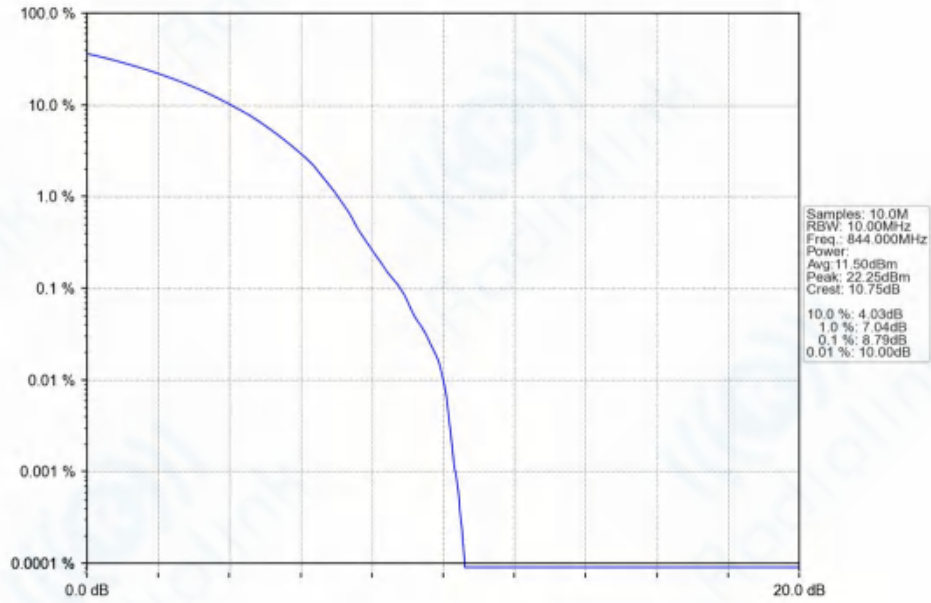
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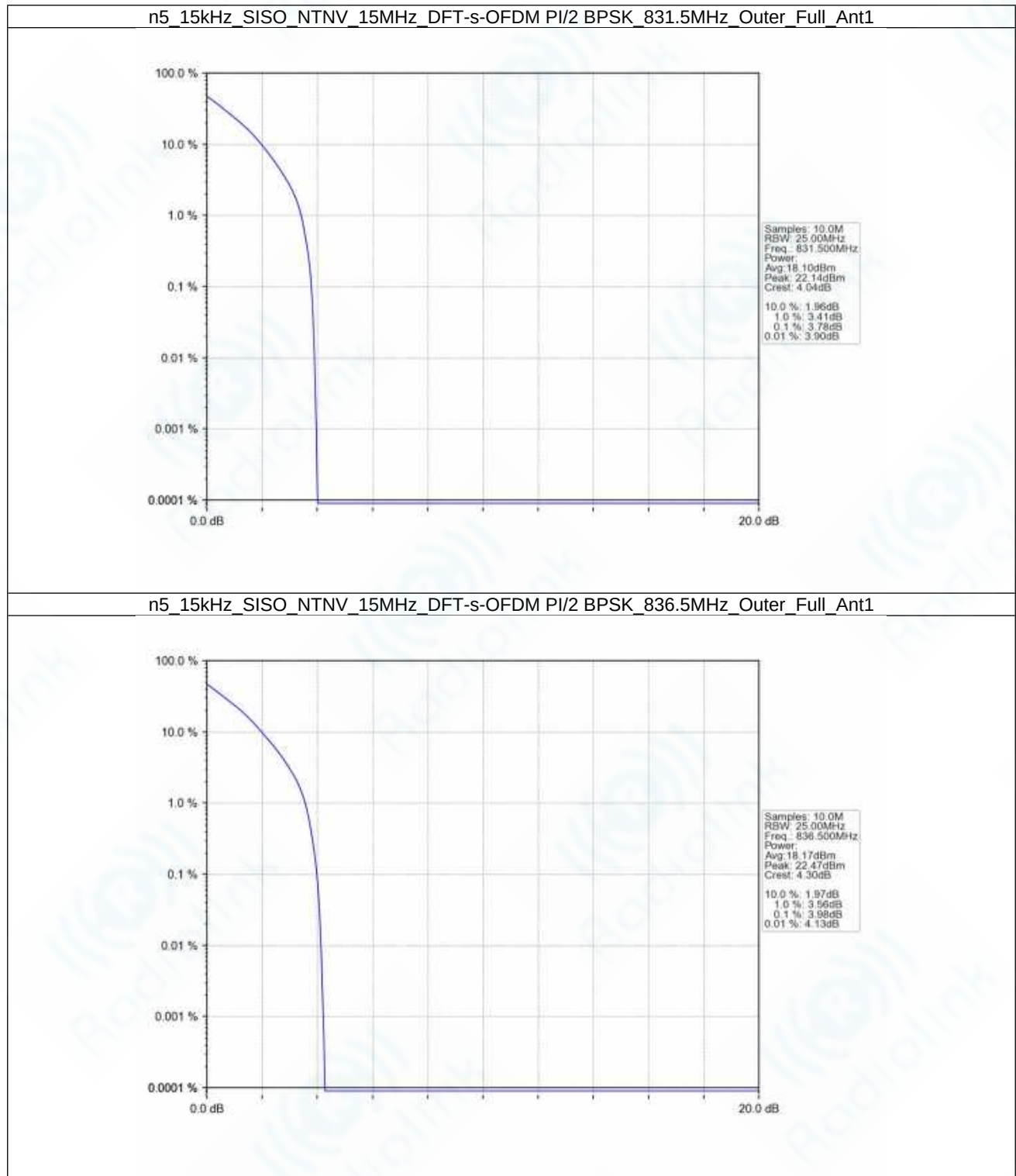


n5 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 844MHz\_Outer\_Full\_Ant1


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### 4.2.3 15\_S\_15M\_NTNV

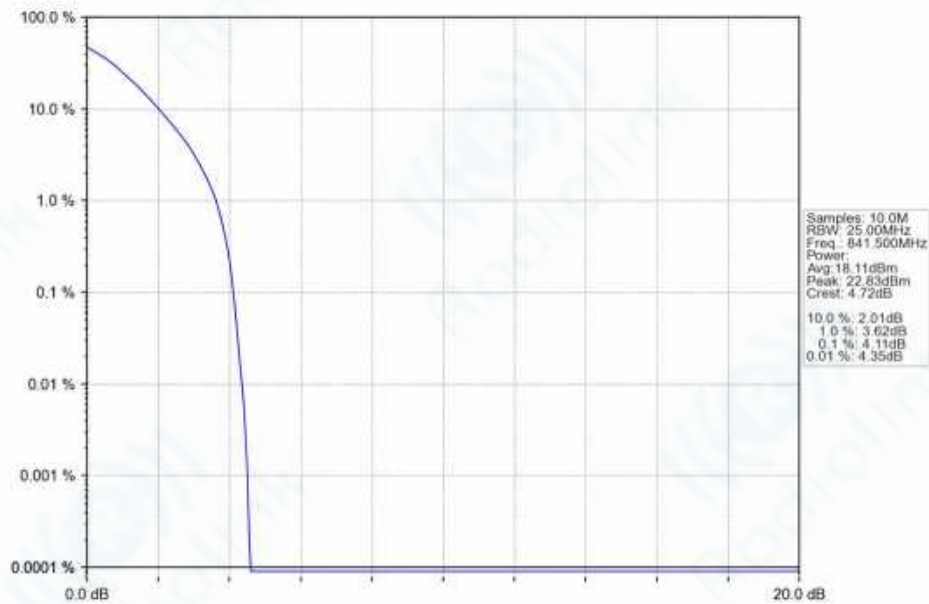


**Radiolink Testing (Shenzhen) Co., Ltd.**

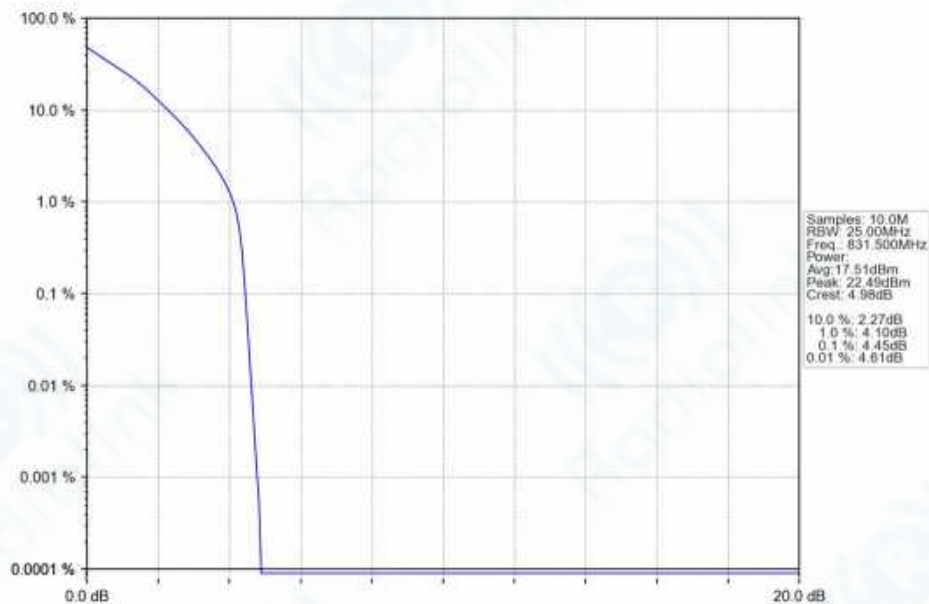
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

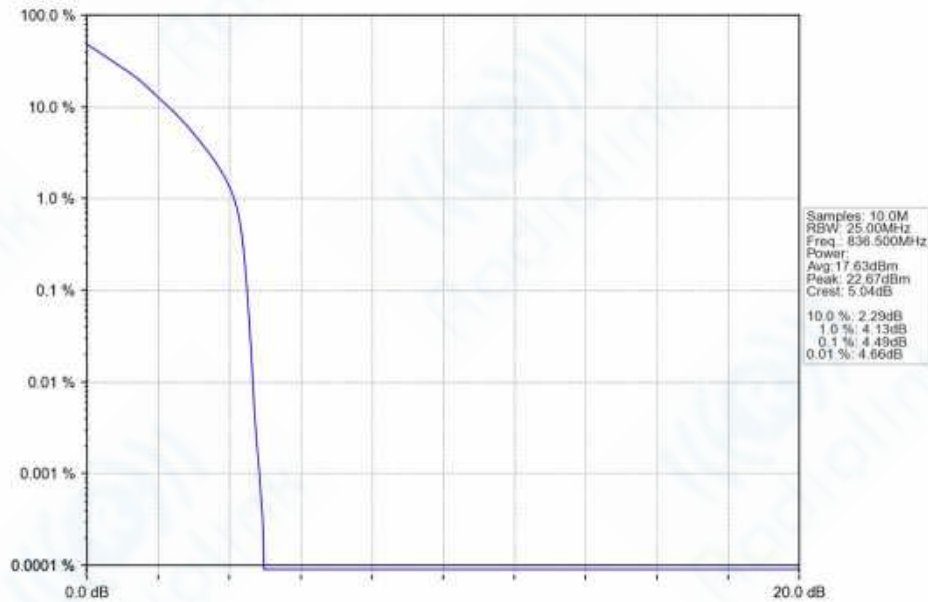
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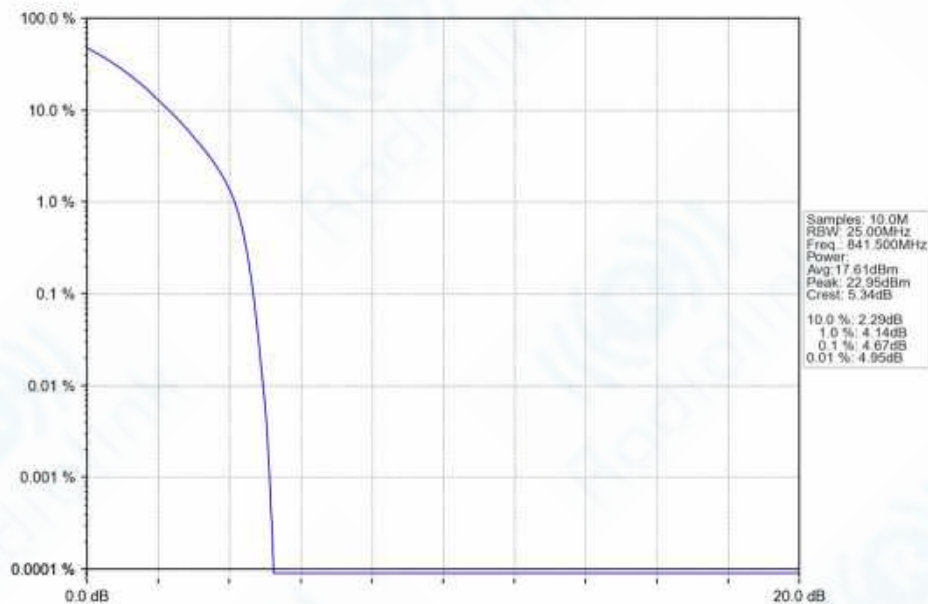
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Outer\_Full\_Ant1



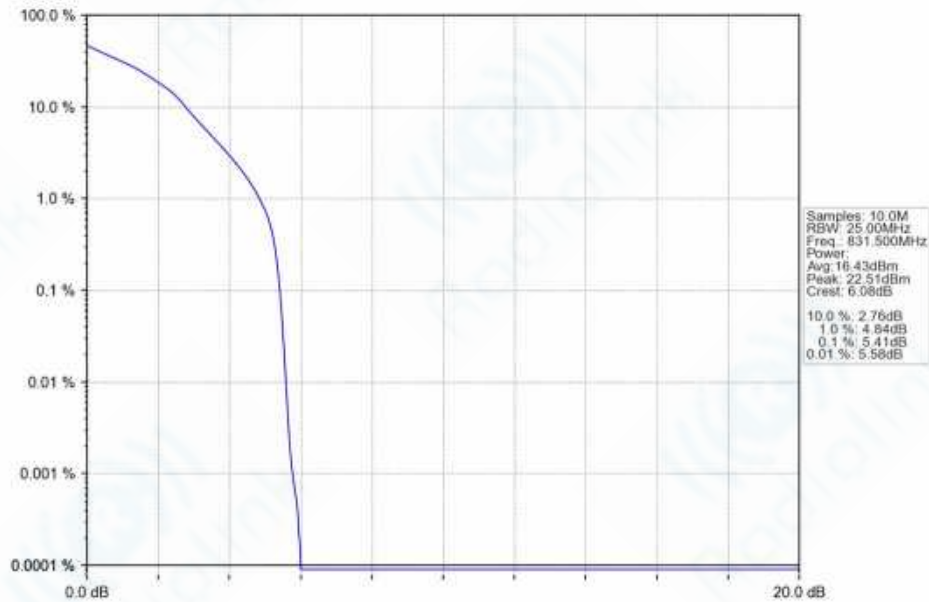
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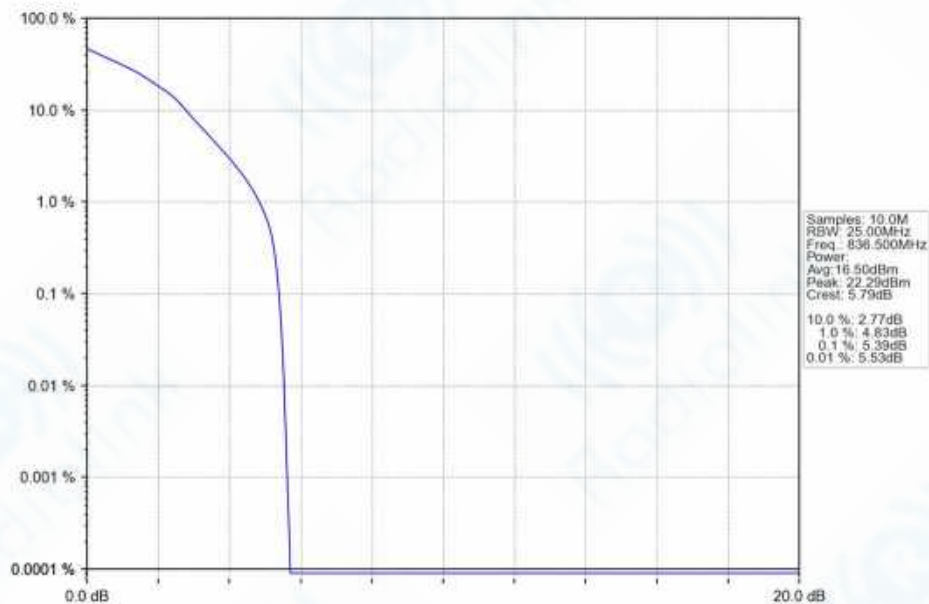
**Radiolink Testing (Shenzhen) Co., Ltd.**

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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_16\_QAM\_831.5MHz\_Outer\_Full\_Ant1



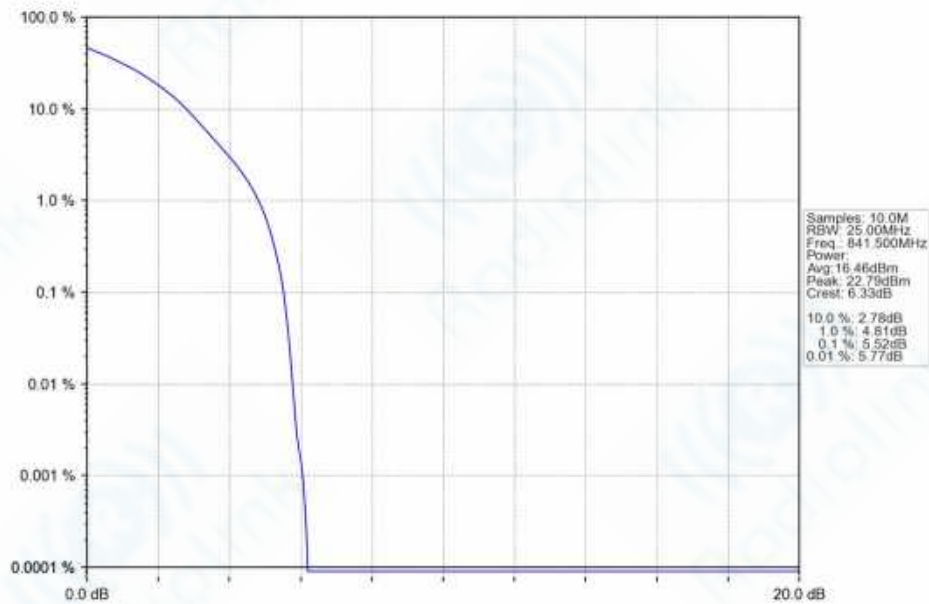
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**Radiolink Testing (Shenzhen) Co., Ltd.**

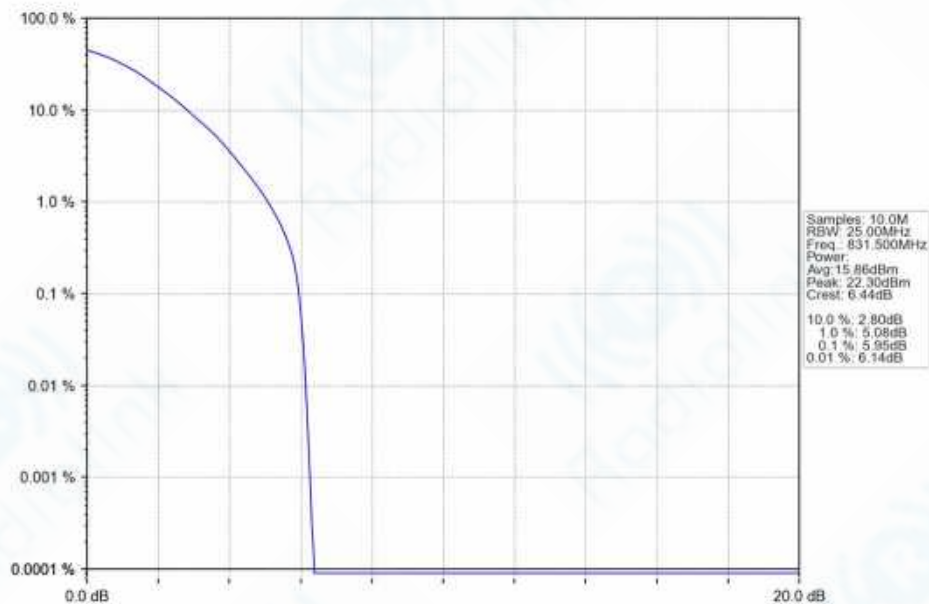
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

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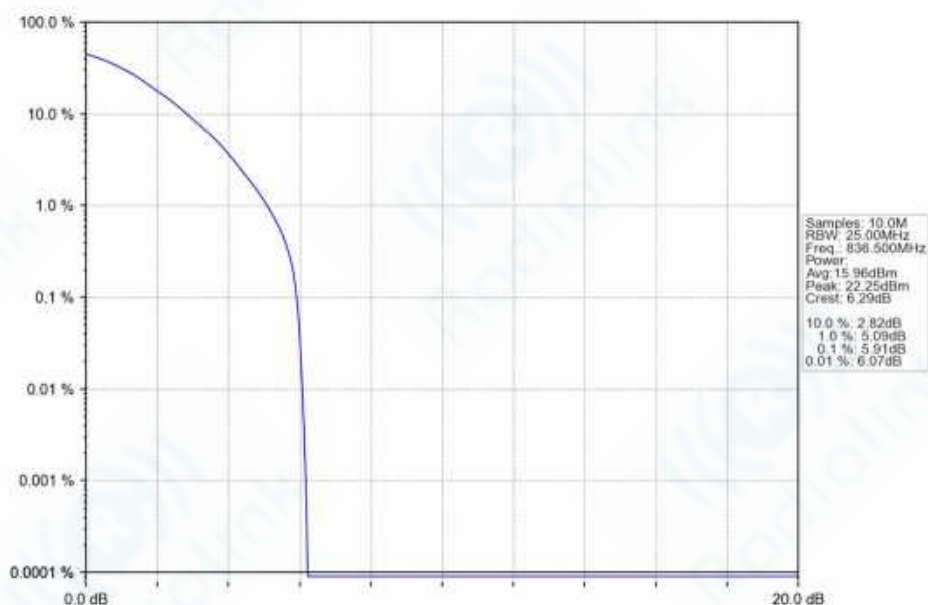
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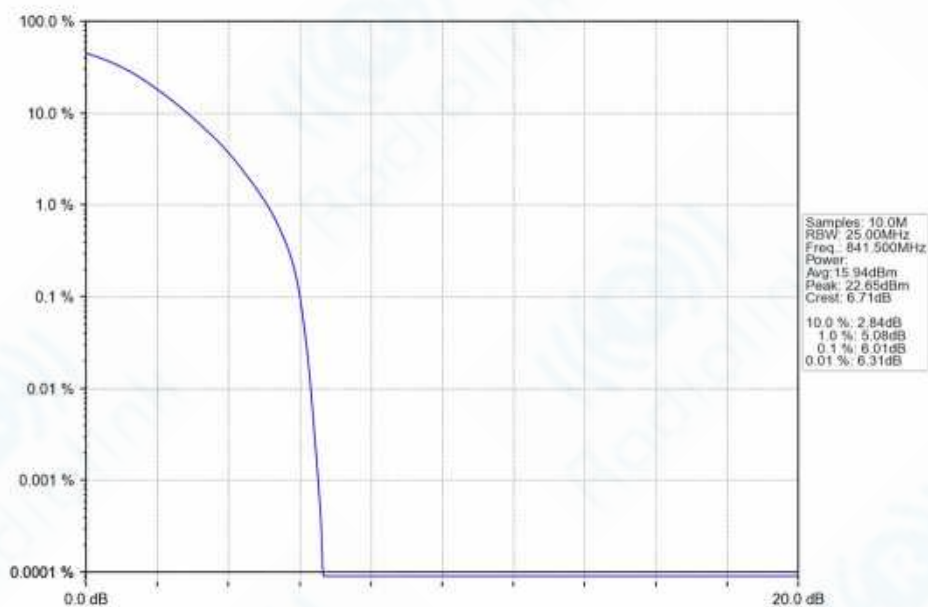
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1



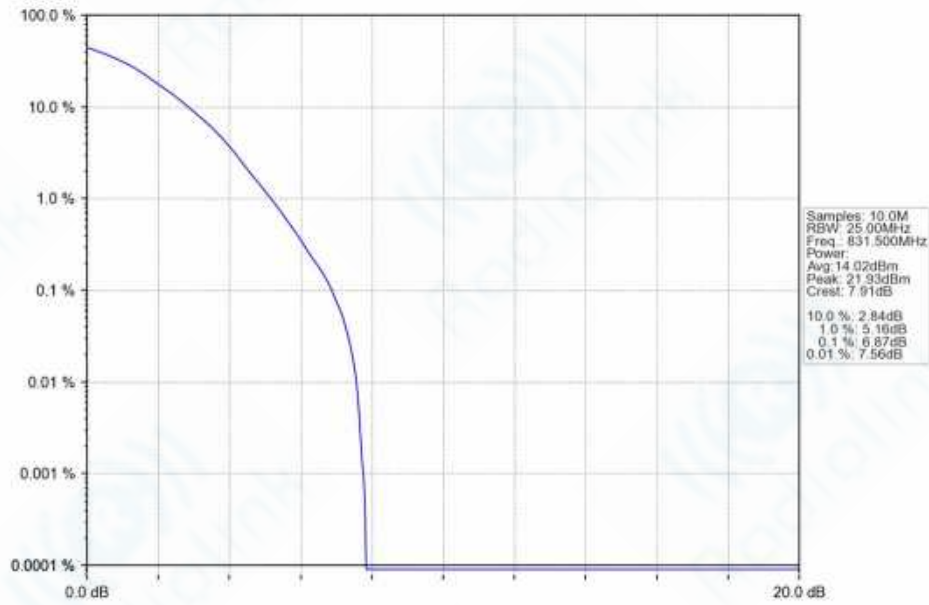
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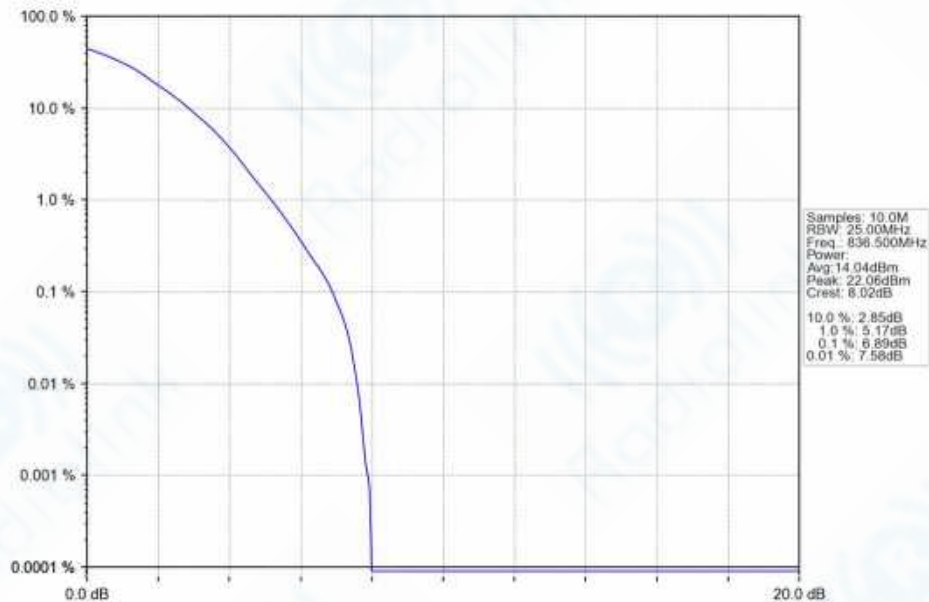
**Radiolink Testing (Shenzhen) Co., Ltd.**

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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_256\_QAM\_831.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full\_Ant1

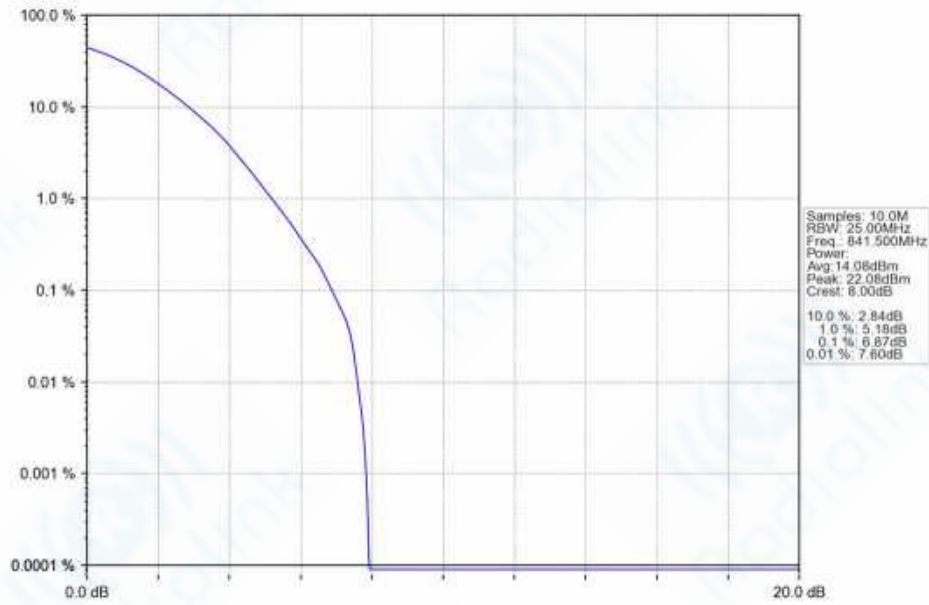


**Radiolink Testing (Shenzhen) Co., Ltd.**

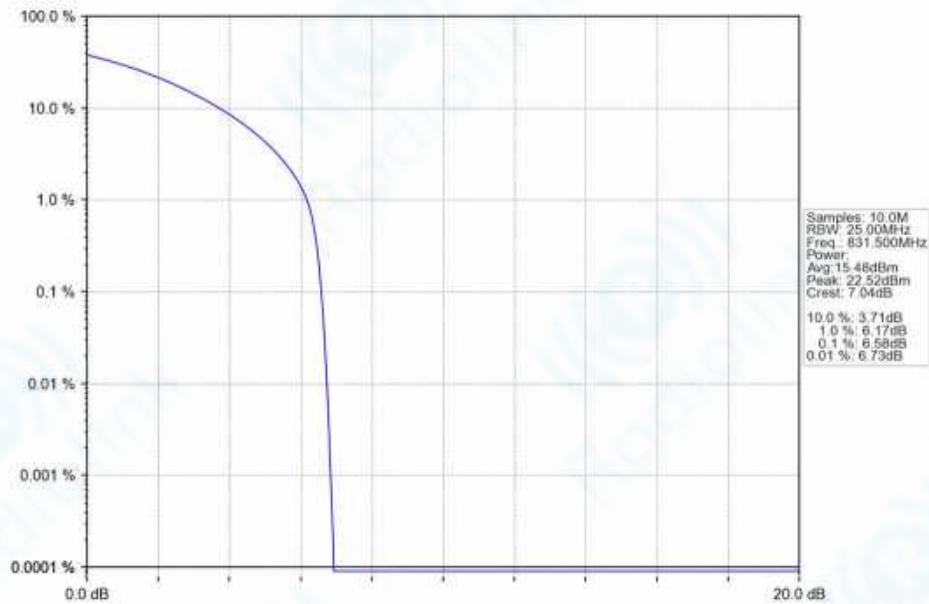
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

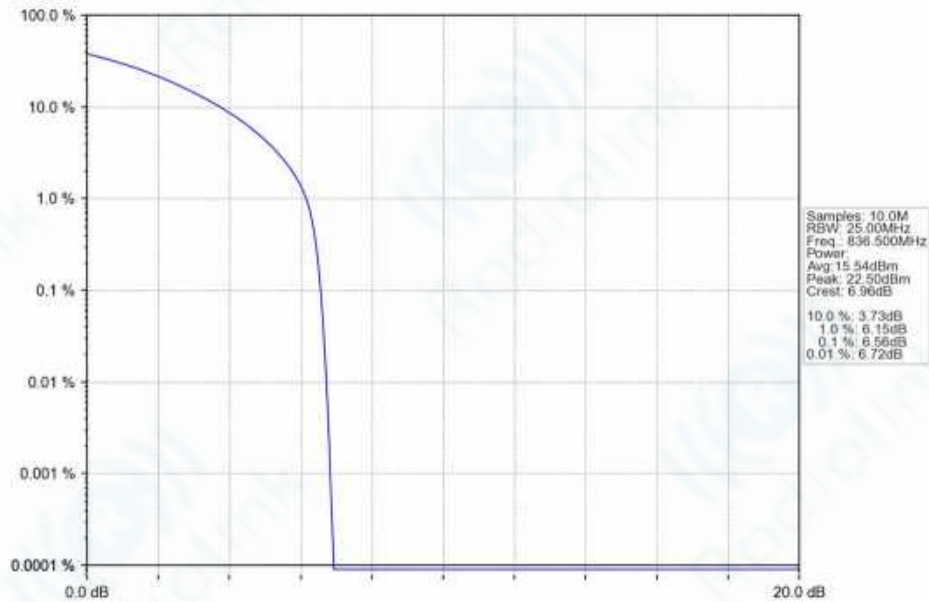
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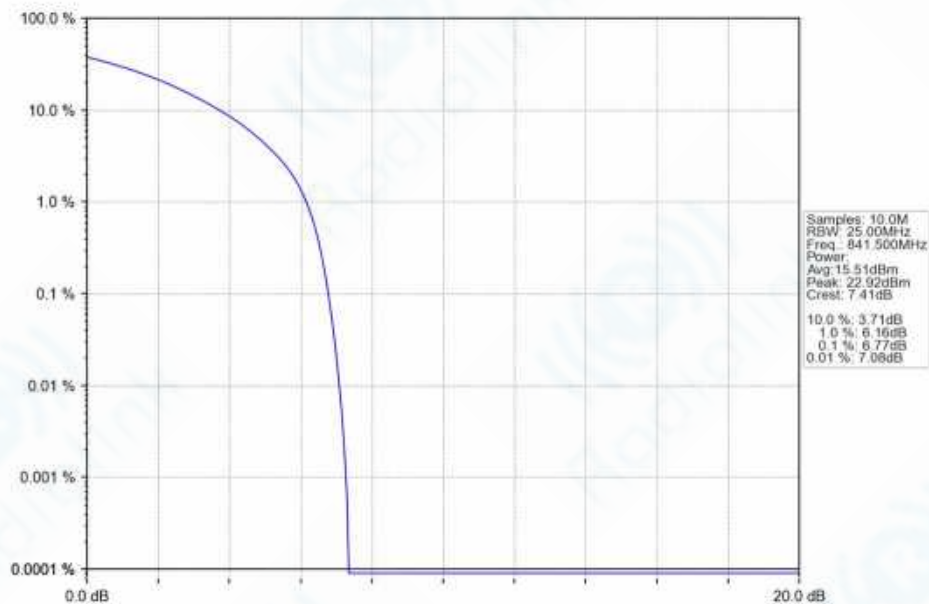
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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_836.5MHz\_Outer\_Full\_Ant1



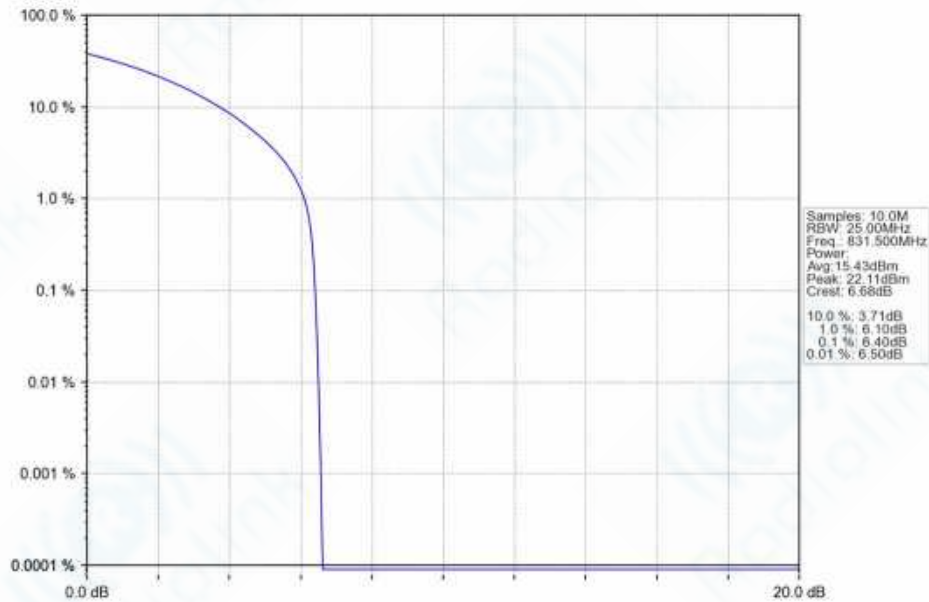
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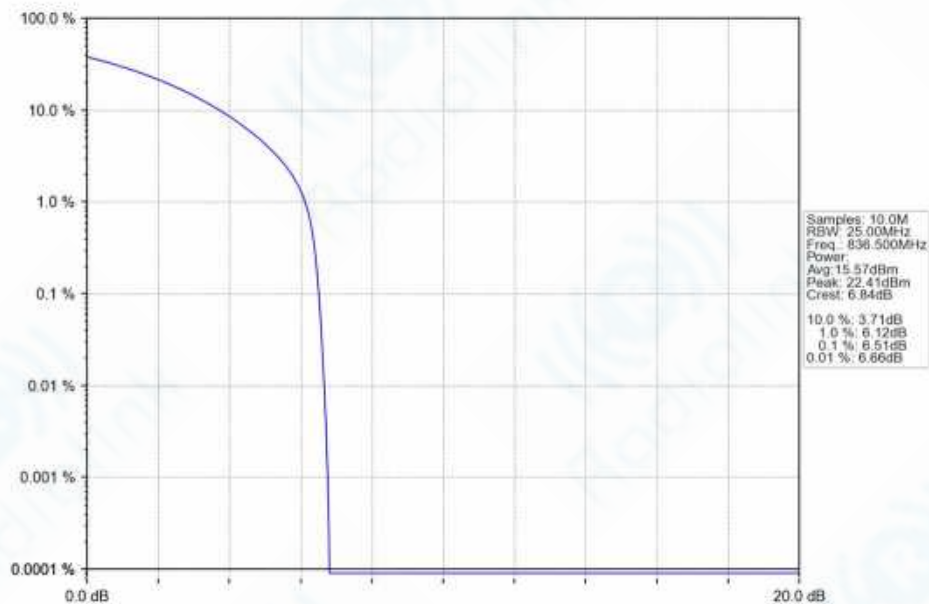
**Radiolink Testing (Shenzhen) Co., Ltd.**

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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_16\_QAM\_831.5MHz\_Outer\_Full\_Ant1



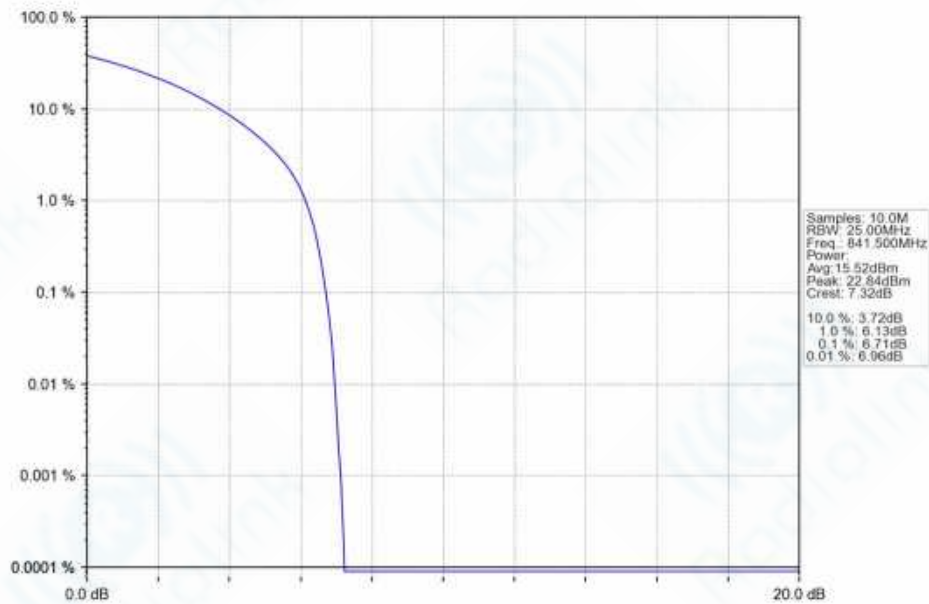
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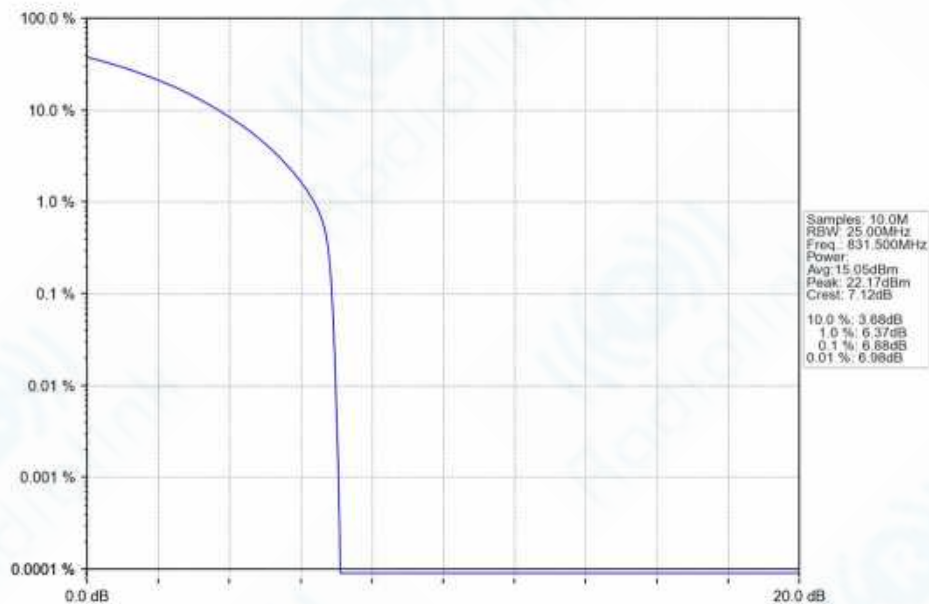
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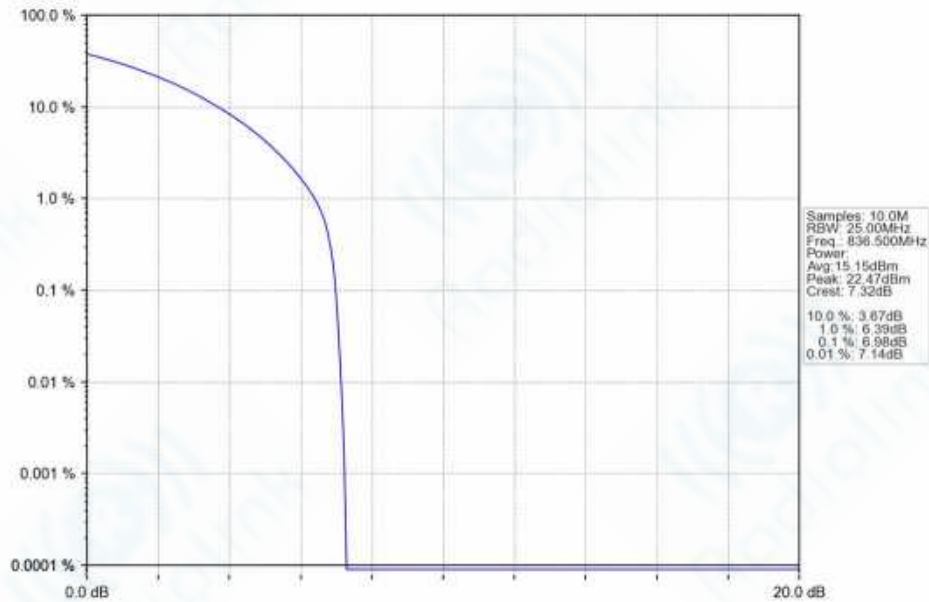
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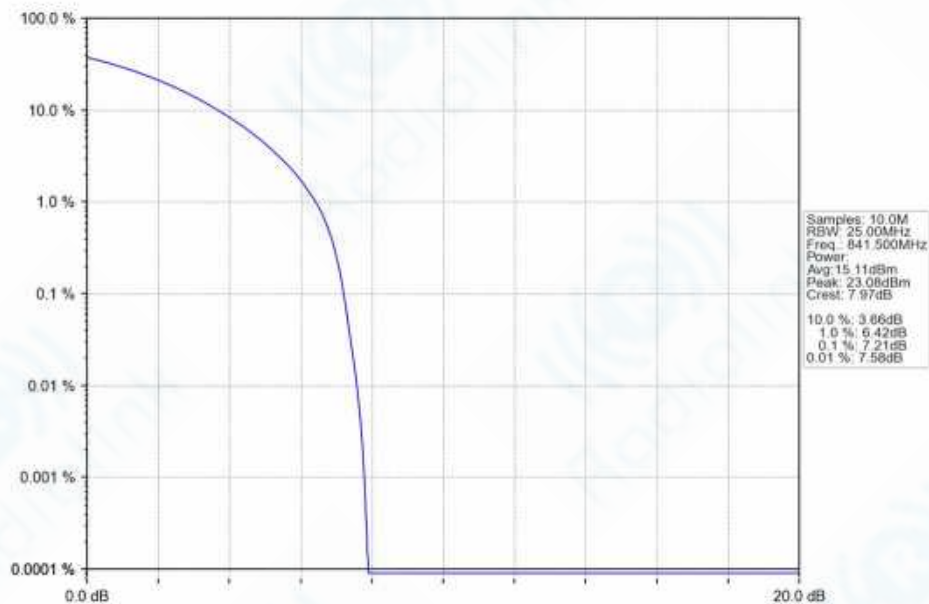
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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_64\_QAM\_836.5MHz\_Outer\_Full\_Ant1



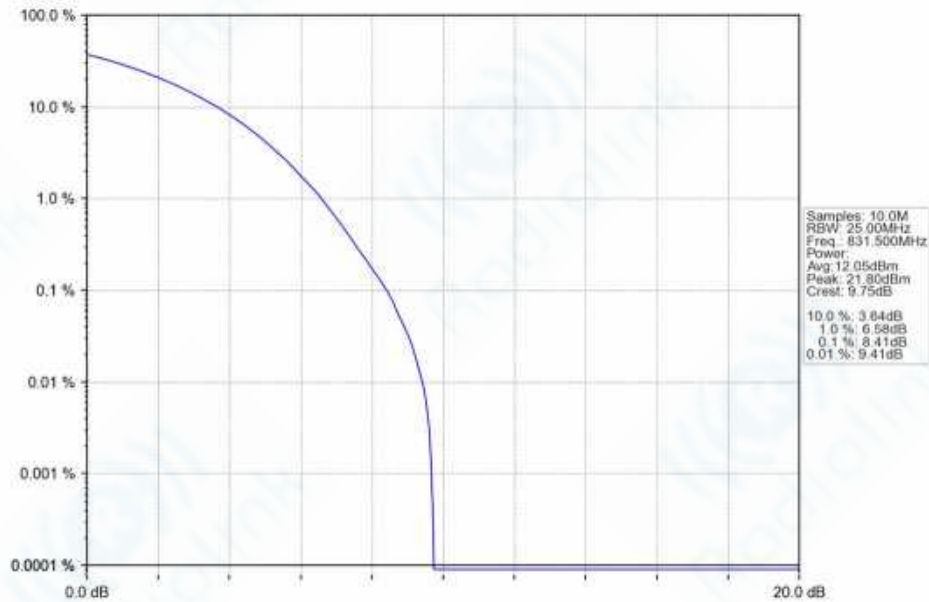
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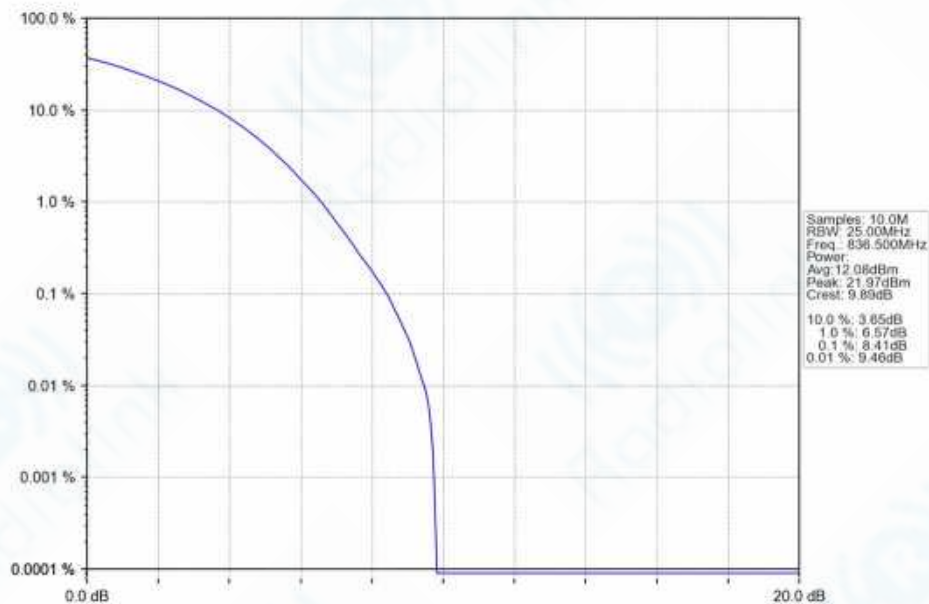
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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_256\_QAM\_831.5MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full\_Ant1

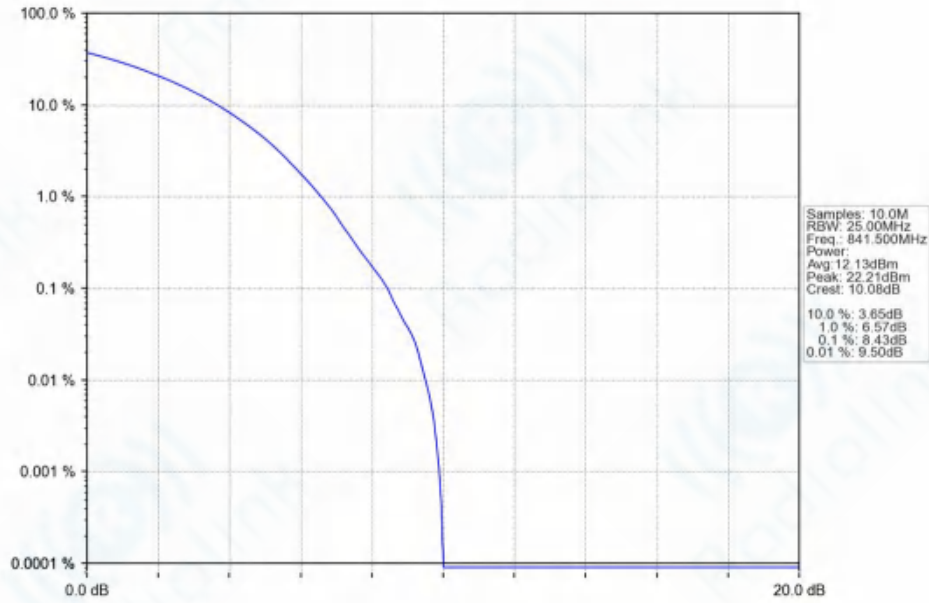


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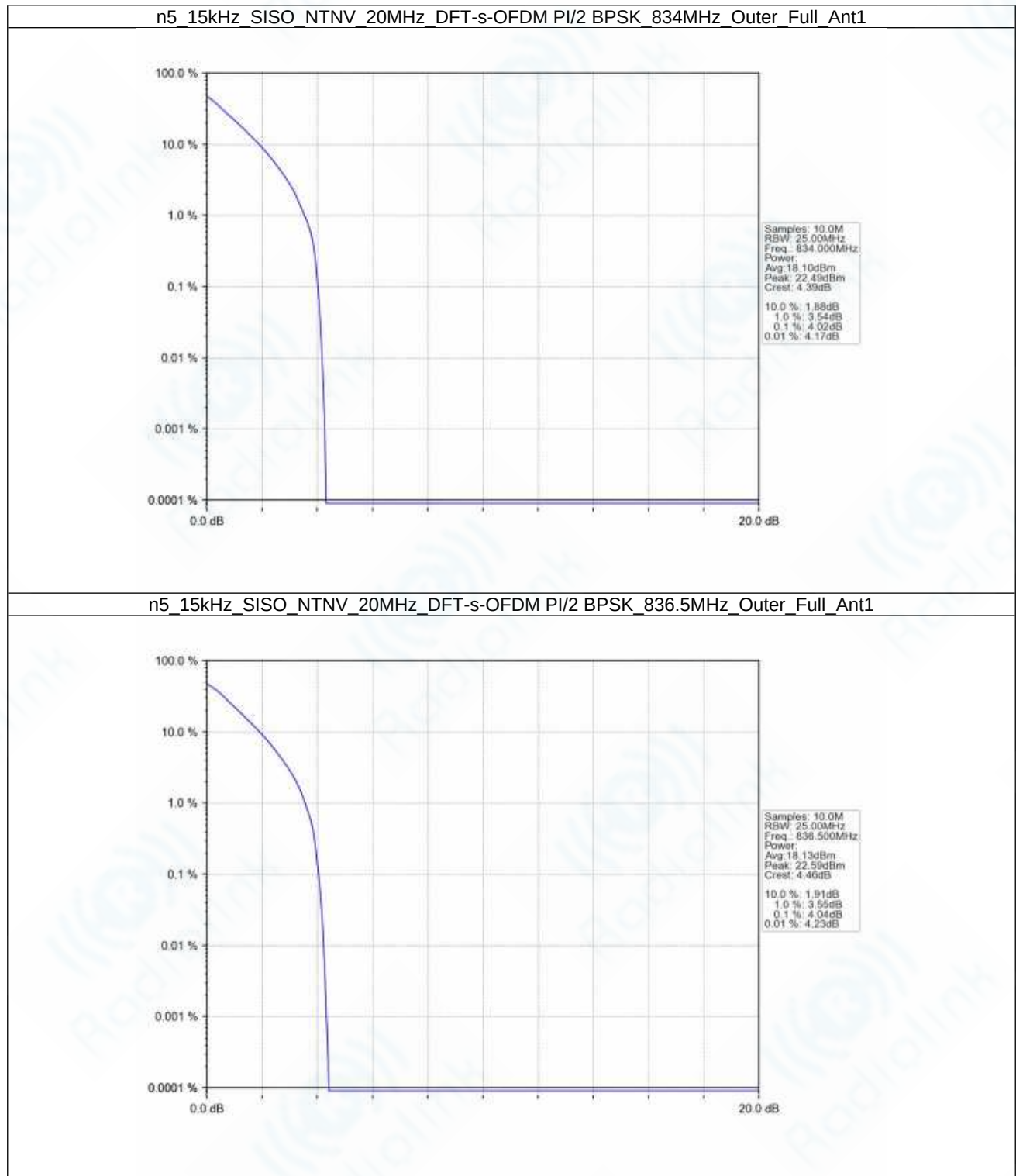
n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_256\_QAM\_841.5MHz\_Outer\_Full\_Ant1



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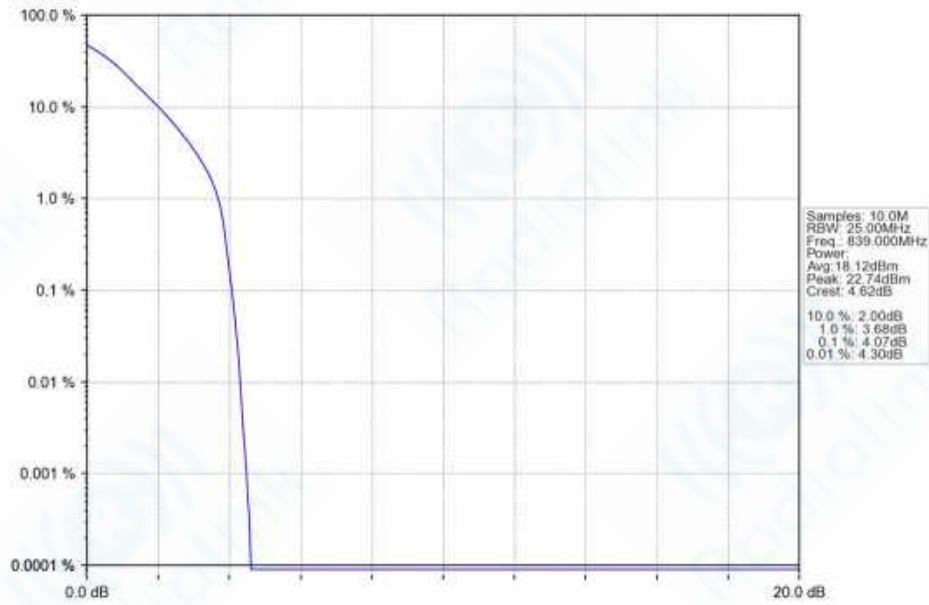
#### 4.2.4 15\_S\_20M\_NTNV



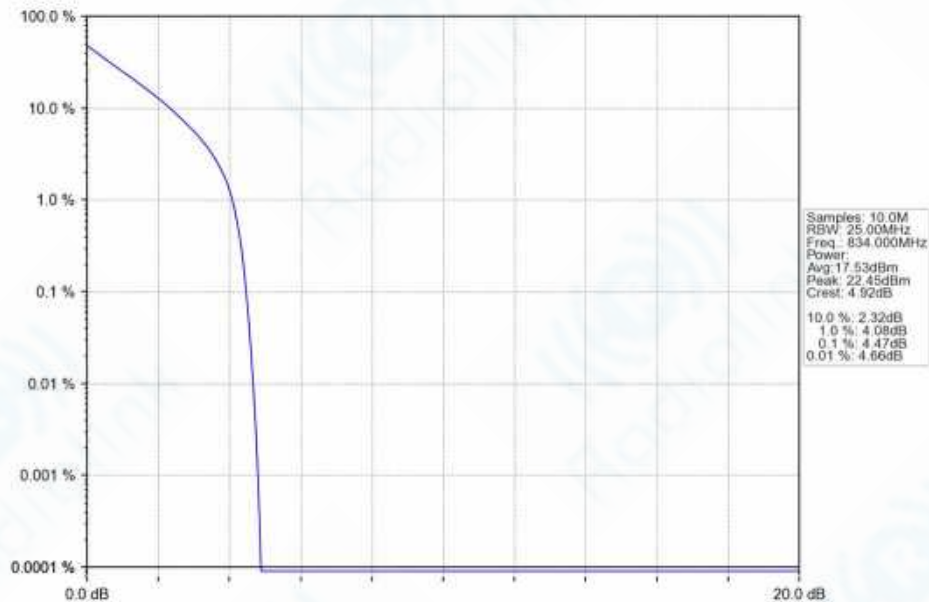
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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM PI/2 BPSK\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_834MHz\_Outer\_Full\_Ant1

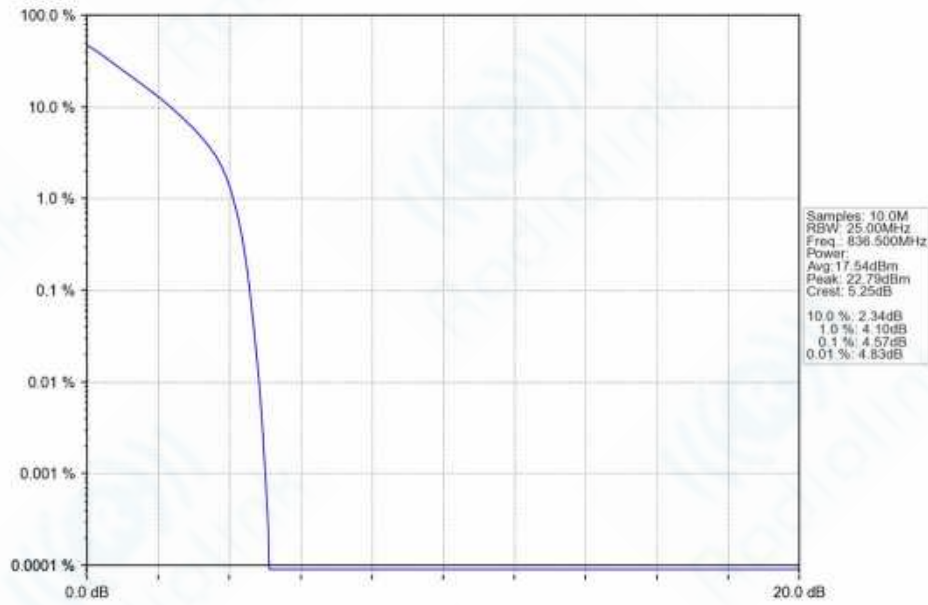


**Radiolink Testing (Shenzhen) Co., Ltd.**

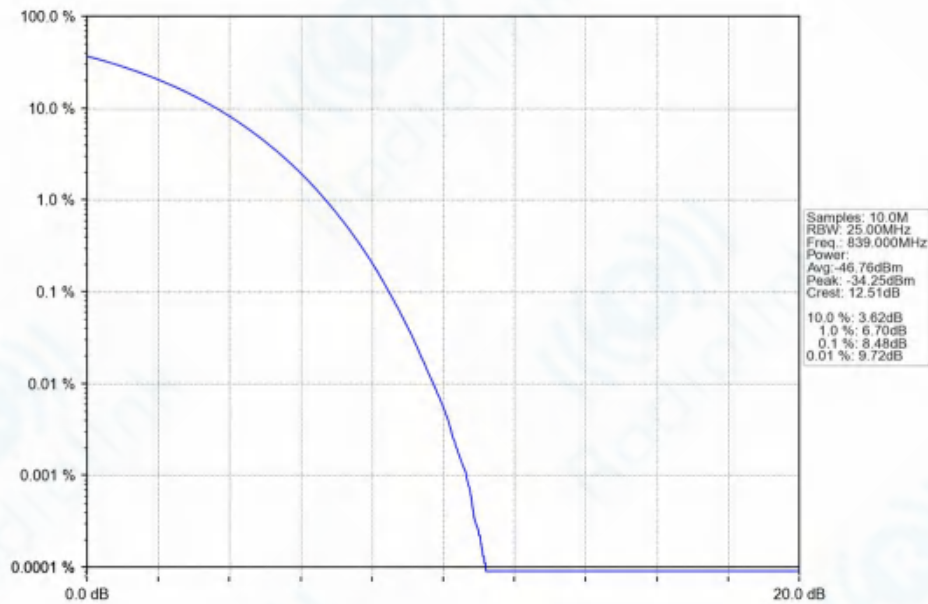
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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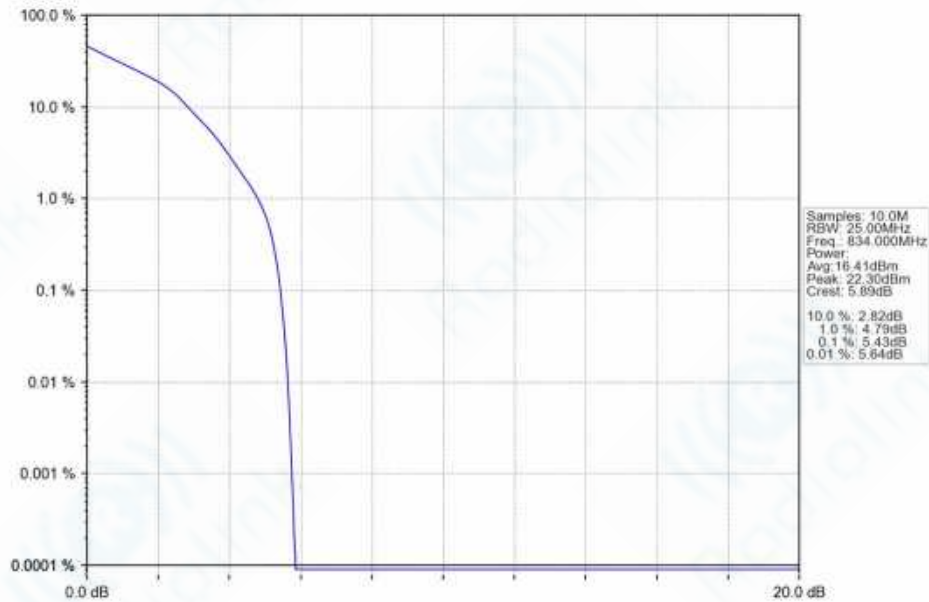
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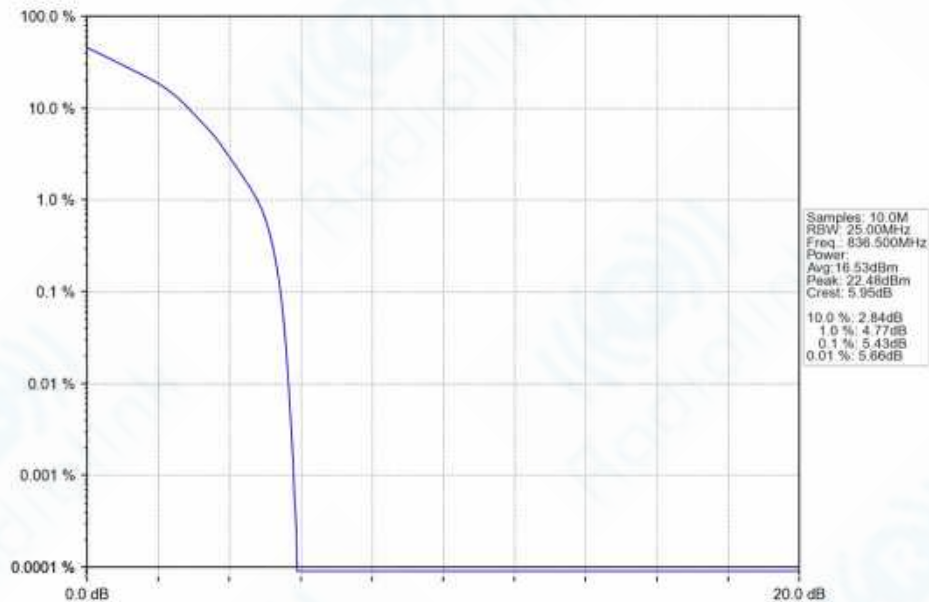
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_16\_QAM\_834MHz\_Outer\_Full\_Ant1

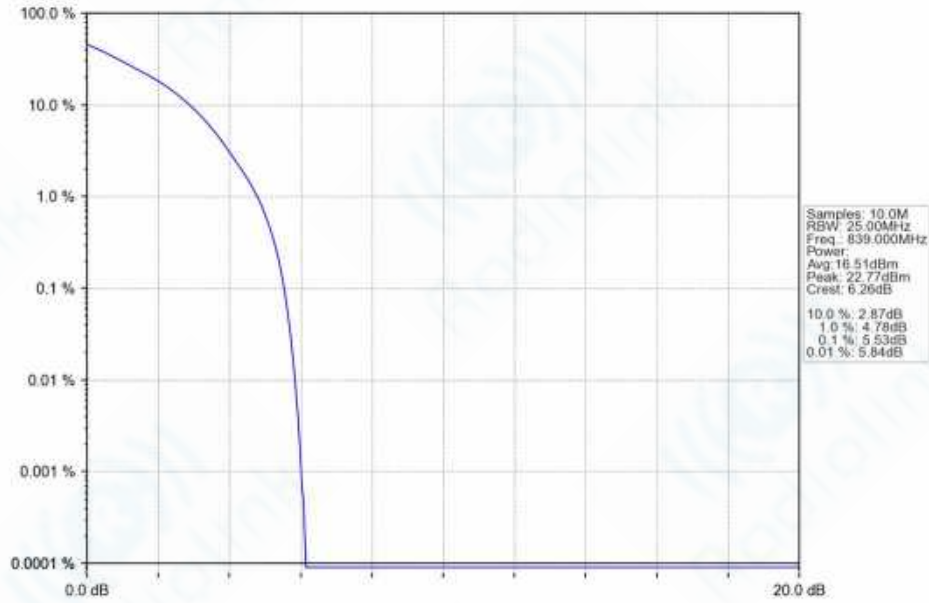


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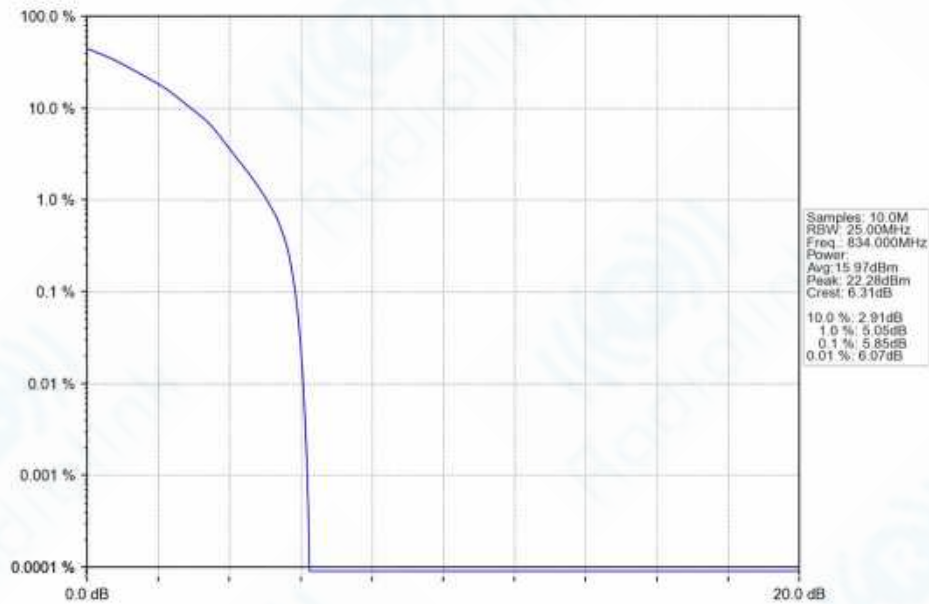

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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_16\_QAM\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_64\_QAM\_834MHz\_Outer\_Full\_Ant1

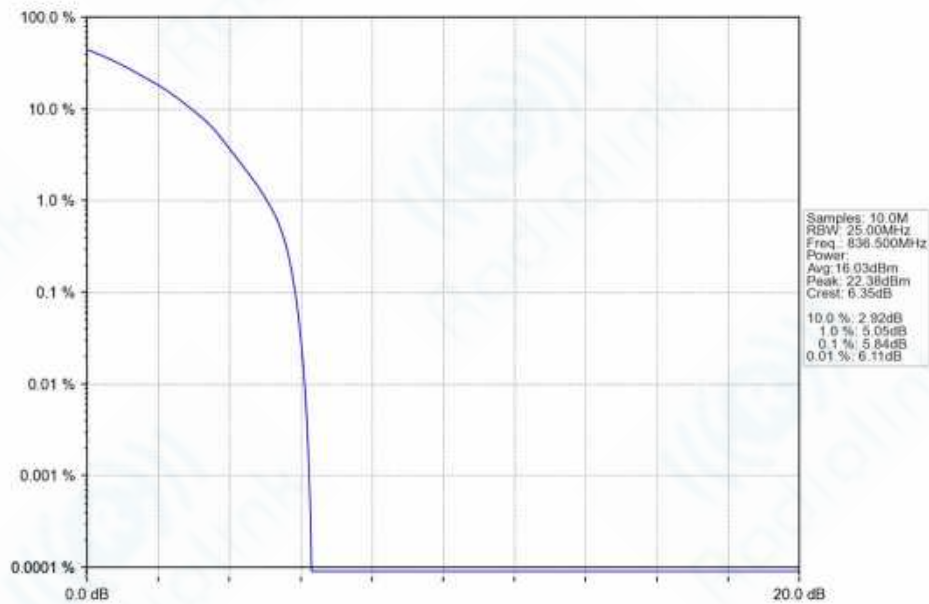


**Radiolink Testing (Shenzhen) Co., Ltd.**

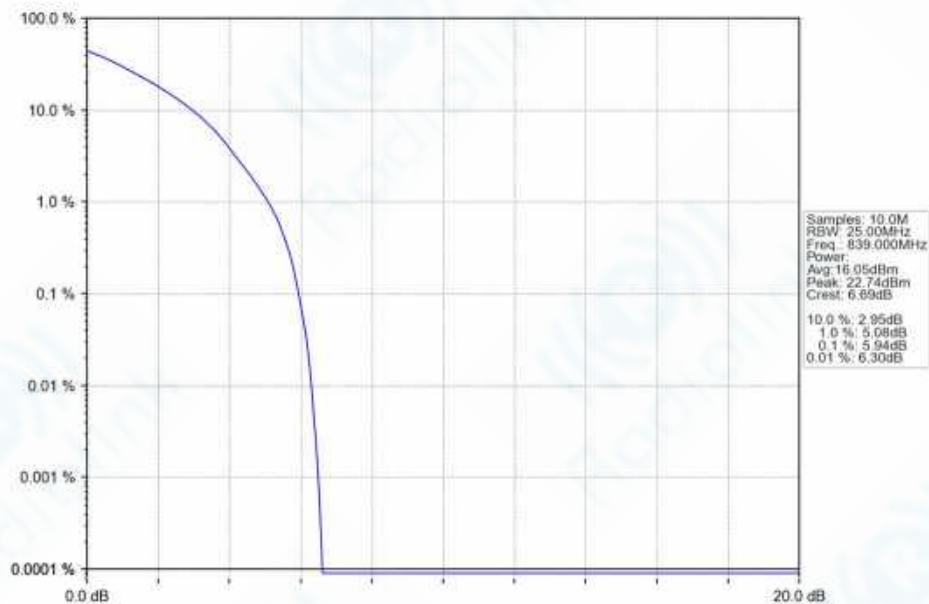
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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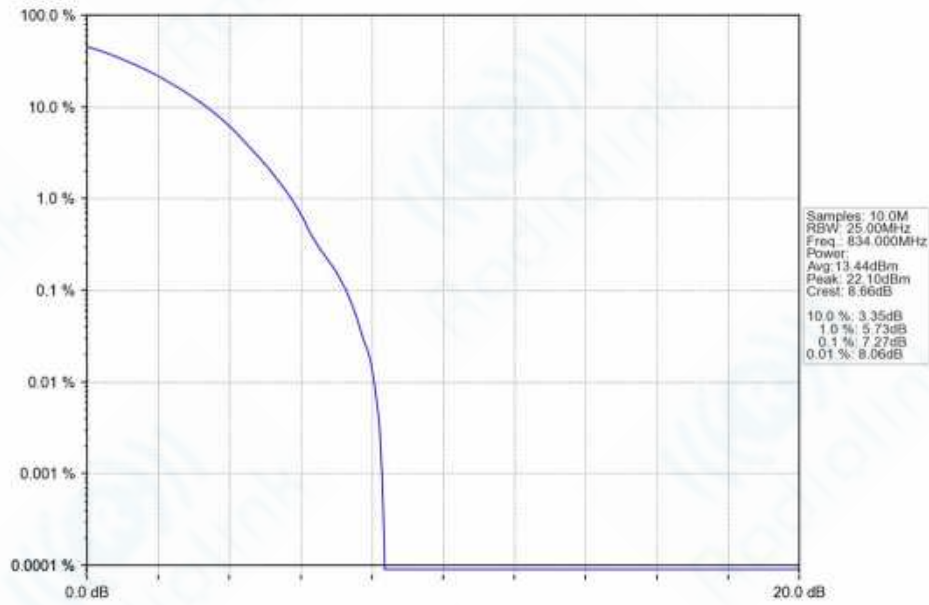
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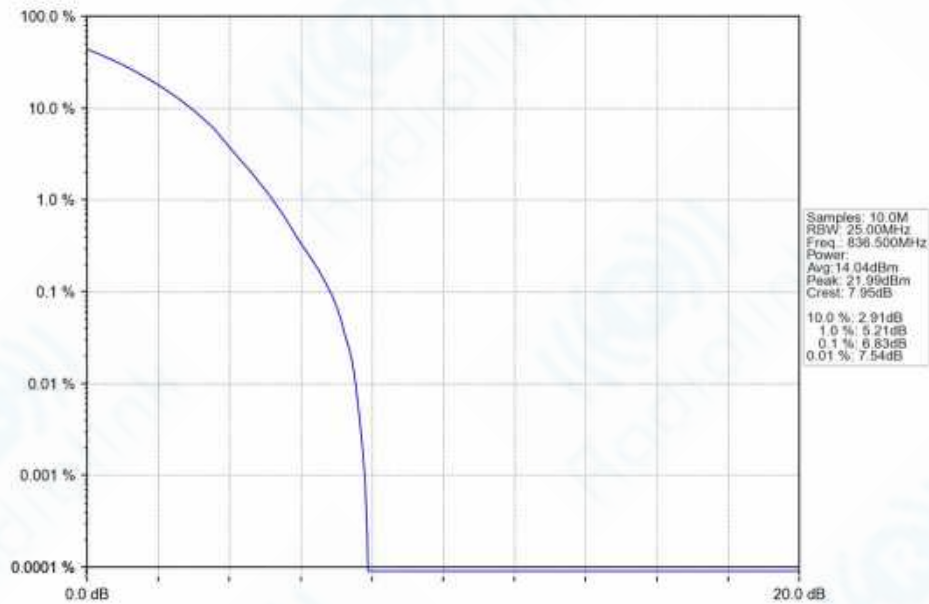
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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_256\_QAM\_834MHz\_Outer\_Full\_Ant1



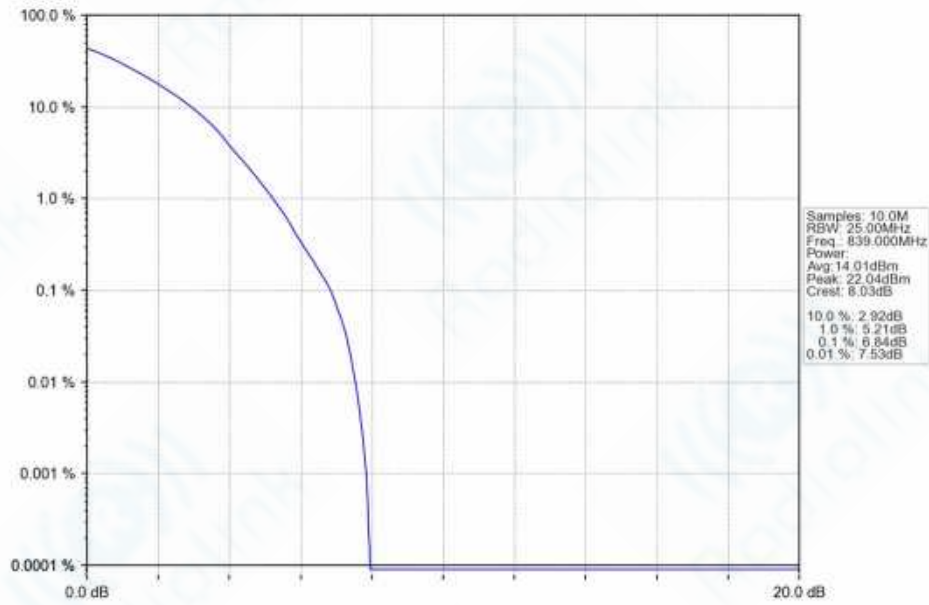
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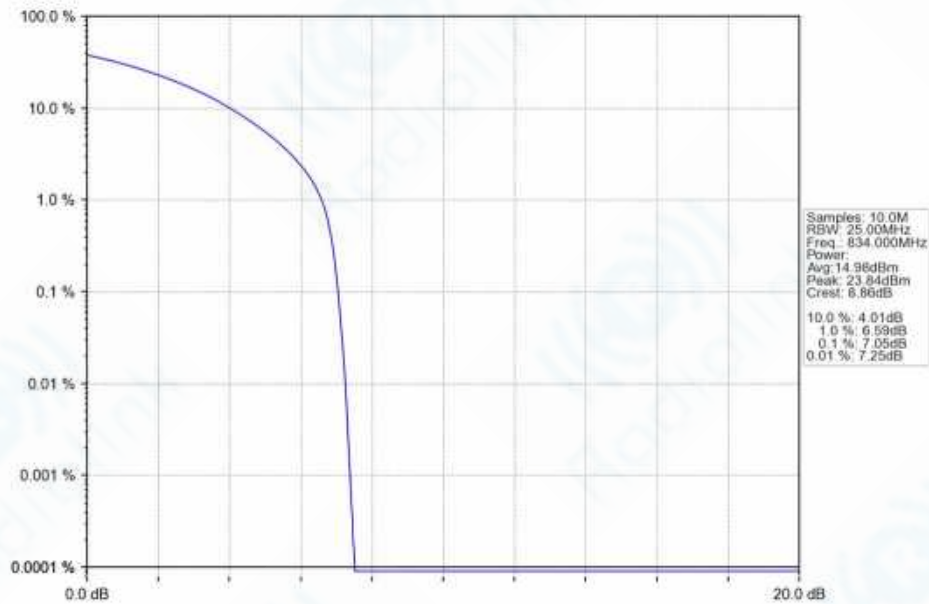
**Radiolink Testing (Shenzhen) Co., Ltd.**

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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 256 QAM 839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK 834MHz\_Outer\_Full\_Ant1

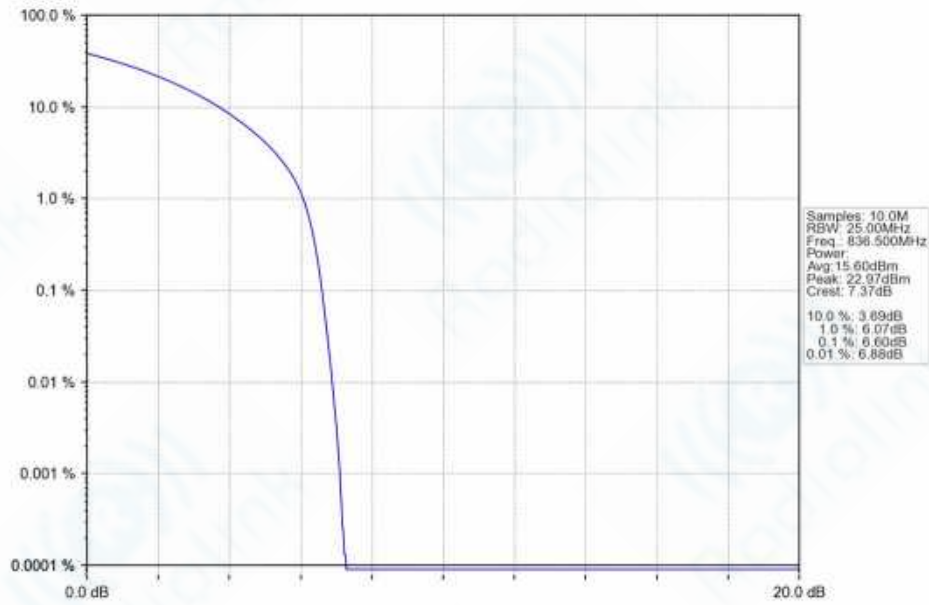


**Radiolink Testing (Shenzhen) Co., Ltd.**

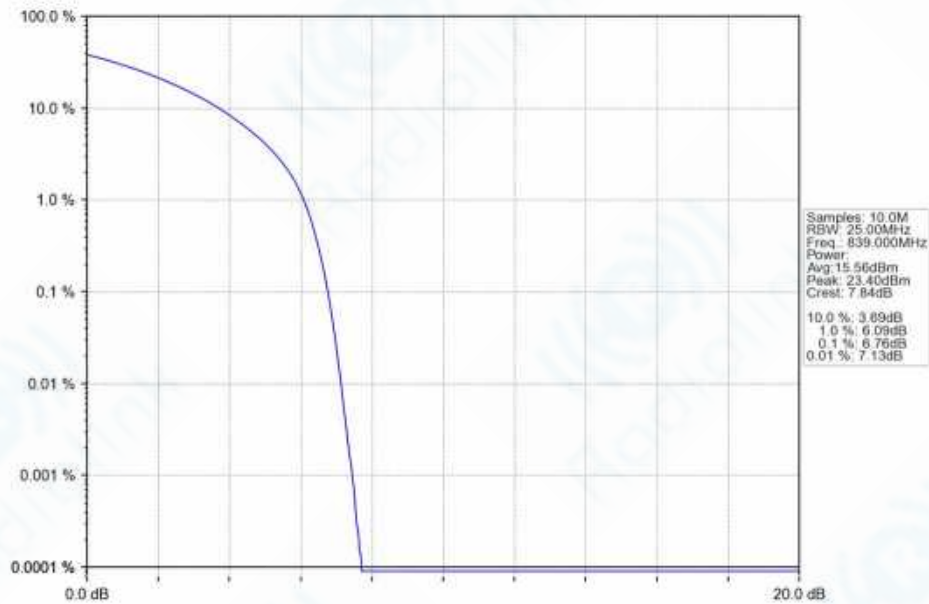
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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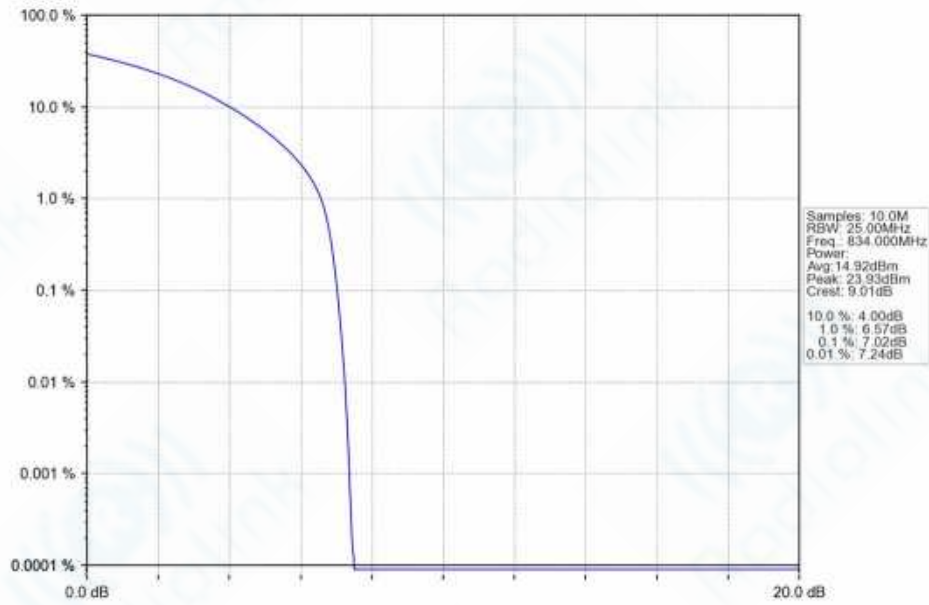
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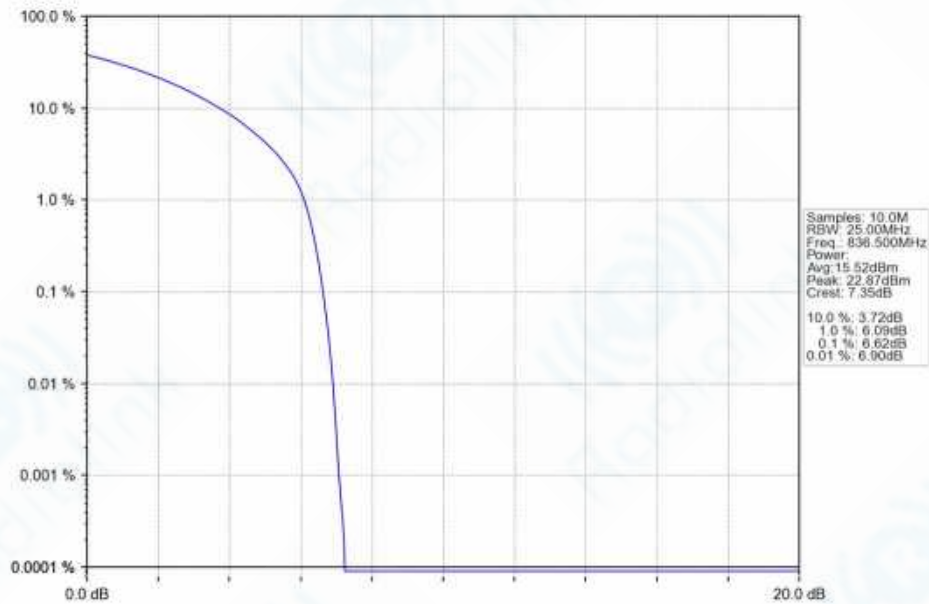
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16\_QAM\_834MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16\_QAM\_836.5MHz\_Outer\_Full\_Ant1

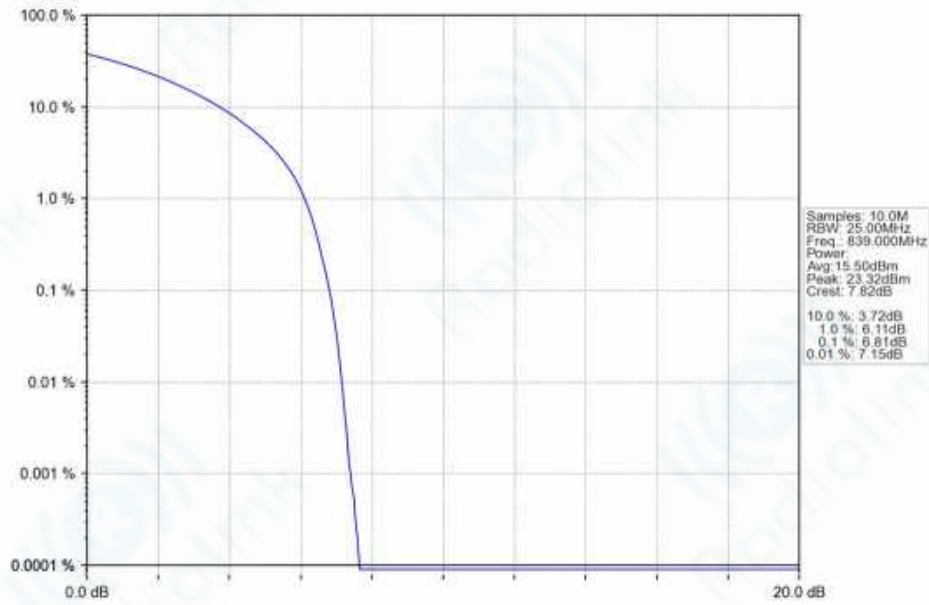


**Radiolink Testing (Shenzhen) Co., Ltd.**

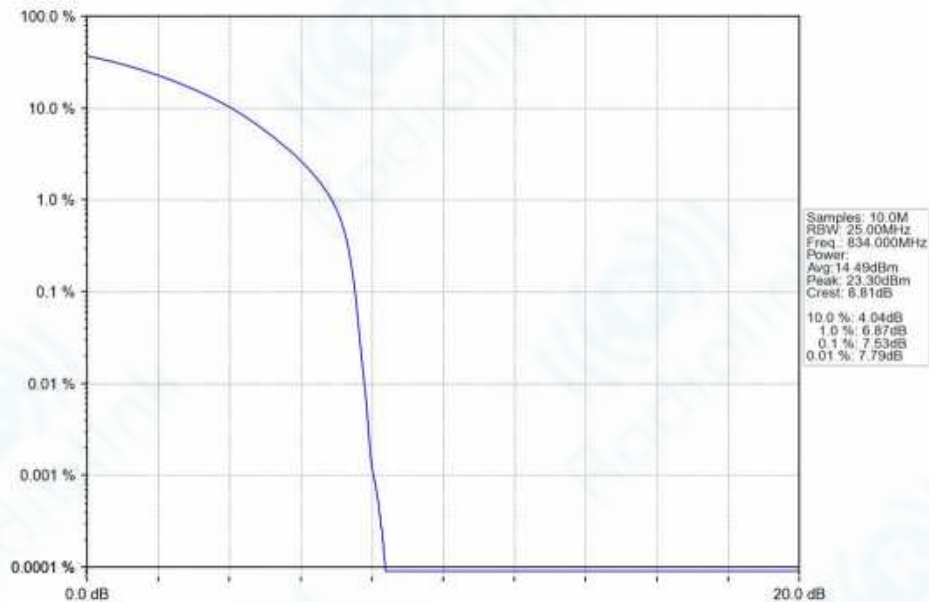
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16\_QAM\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64\_QAM\_834MHz\_Outer\_Full\_Ant1

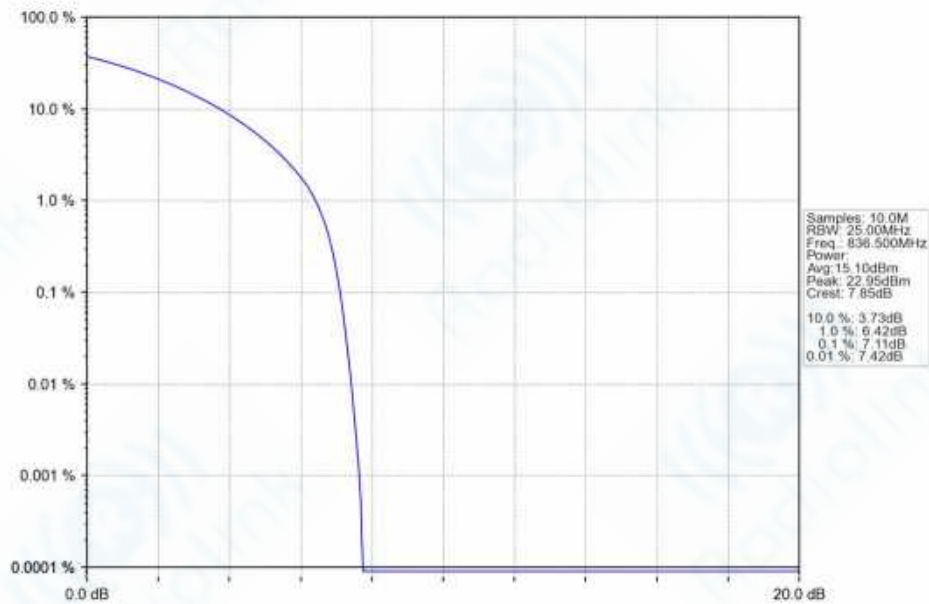


**Radiolink Testing (Shenzhen) Co., Ltd.**

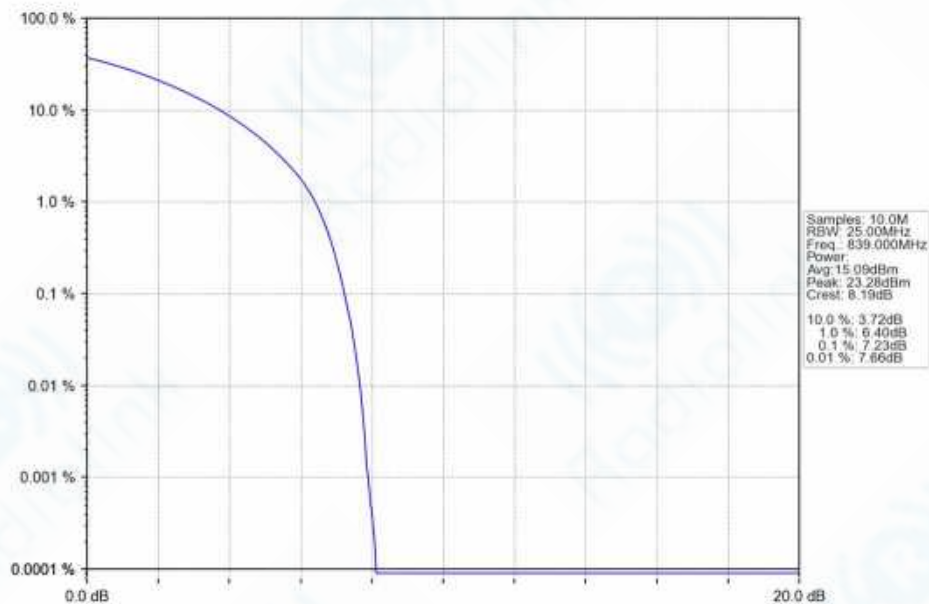
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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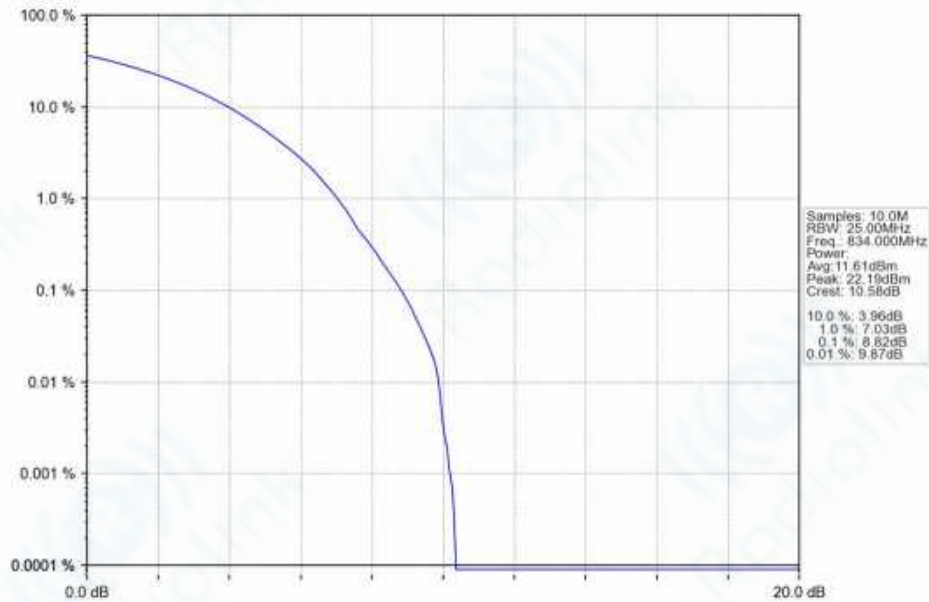
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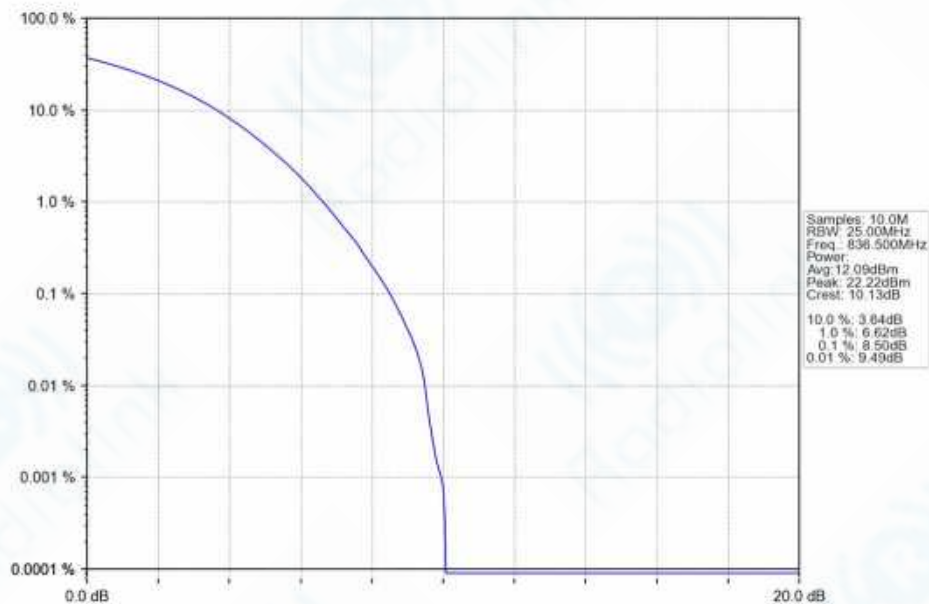
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_64\_QAM\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_834MHz\_Outer\_Full\_Ant1



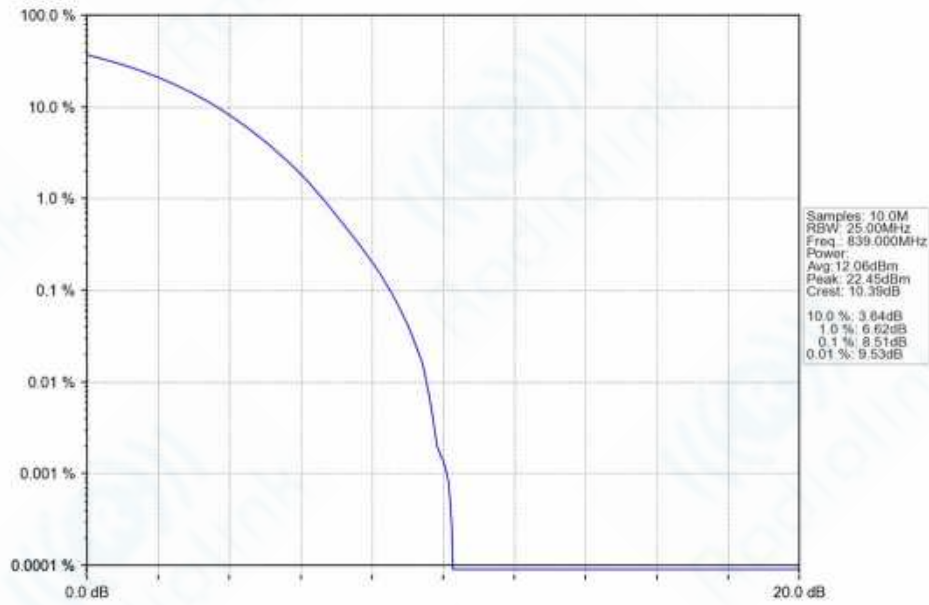
n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_836.5MHz\_Outer\_Full\_Ant1



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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_839MHz\_Outer\_Full\_Ant1


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## 5. Spurious Emission

### 5.1 Test Result

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

| 5G NR n5 SCS=15kHz SISO 5MHz NTN |                 |                 |                     |                     |     |       |         |      |
|----------------------------------|-----------------|-----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                       | Frequency (MHz) | RB Allocation   | Spurious Emission   |                     |     |       | Verdict |      |
|                                  |                 |                 | Ant1                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK             | 826.5           | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | Outer_Full      | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | Inner_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  | 836.5           | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | 846.5           | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                  |                 |                 | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| DFT-s-OFDM QPSK                  | 826.5           |                 | Inner_1RB_Right     | Refer To Test Graph |     |       |         | Pass |
|                                  |                 | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | Outer_Full      | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  | 836.5           | Inner_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | 846.5           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                  |                 |                 | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| CP-OFDM QPSK                     | 826.5           |                 | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                  |                 | Inner_1RB_Right | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | Inner_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  | 836.5           | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                  |                 | 846.5           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                  |                 |                 | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| 846.5                            | Inner_1RB_Right |                 | Refer To Test Graph |                     |     |       | Pass    |      |

#### 5.1.2 15\_S\_10M\_NTNV

| 5G NR n5 SCS=15kHz SISO 10MHz NTN |                 |                |                     |                     |     |       |         |      |
|-----------------------------------|-----------------|----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                        | Frequency (MHz) | RB Allocation  | Spurious Emission   |                     |     |       | Verdict |      |
|                                   |                 |                | Ant1                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK              | 829             | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 844            | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| DFT-s-OFDM QPSK                   | 829             |                | Inner_1RB_Right     | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 844            | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| CP-OFDM QPSK                      | 829             |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Edge_1RB_Right | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 844            | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Inner_1RB_Right     | Refer To Test Graph |     |       |         | Pass |

#### 5.1.3 15\_S\_15M\_NTNV

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| 5G NR n5 SCS=15kHz SISO 15MHz NTN |                 |                 |                     |                     |     |       |         |      |
|-----------------------------------|-----------------|-----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                        | Frequency (MHz) | RB Allocation   | Spurious Emission   |                     |     |       | Verdict |      |
|                                   |                 |                 | Ant1                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK              | 831.5           | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full      | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Inner_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 841.5           | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                 | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| DFT-s-OFDM QPSK                   | 831.5           |                 | Inner_1RB_Right     | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Edge_1RB_Left   | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full      | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Inner_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 841.5           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                 | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| CP-OFDM QPSK                      | 831.5           |                 | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Inner_1RB_Right | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Edge_1RB_Right  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Outer_Full      | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 841.5           | Inner_1RB_Left      | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                 | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |

#### 5.1.4 15\_S\_20M\_NTN

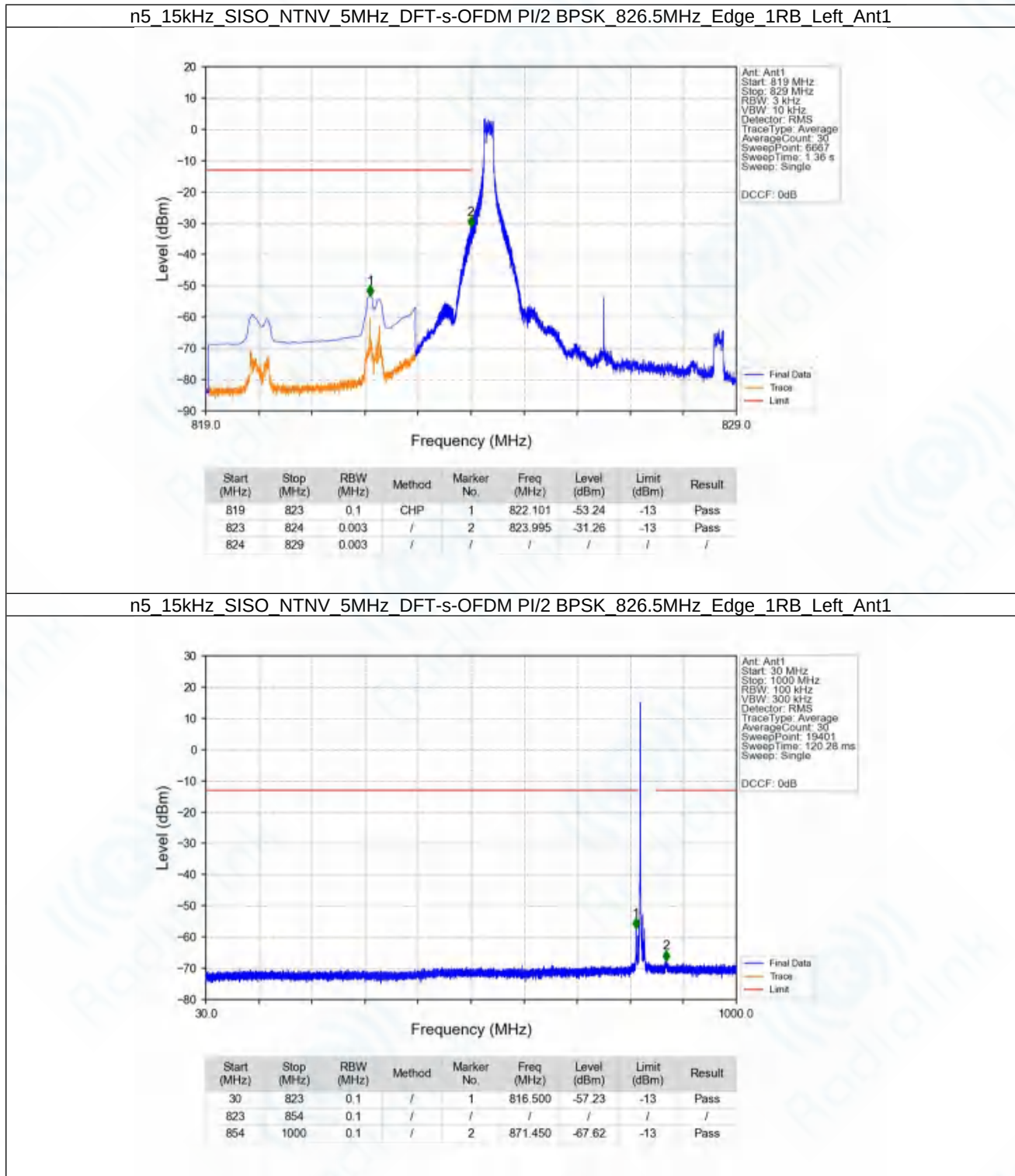
| 5G NR n5 SCS=15kHz SISO 20MHz NTN |                 |                |                     |                     |     |       |         |      |
|-----------------------------------|-----------------|----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                        | Frequency (MHz) | RB Allocation  | Spurious Emission   |                     |     |       | Verdict |      |
|                                   |                 |                | Ant1                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK              | 834             | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 839            | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| DFT-s-OFDM QPSK                   | 834             |                | Inner_1RB_Right     | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 839            | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| CP-OFDM QPSK                      | 834             |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                   |                 | Inner_1RB_Left | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   | 836.5           | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                   |                 | 839            | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                   |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| 839                               | Inner_1RB_Right |                | Refer To Test Graph |                     |     |       | Pass    |      |

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## 5.2 Test Graph

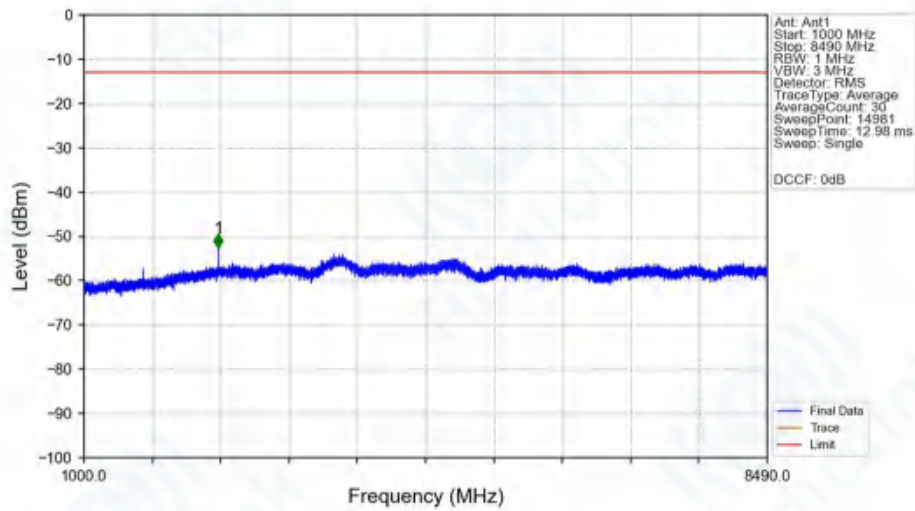
### 5.2.1 15\_S\_5M\_NTNV



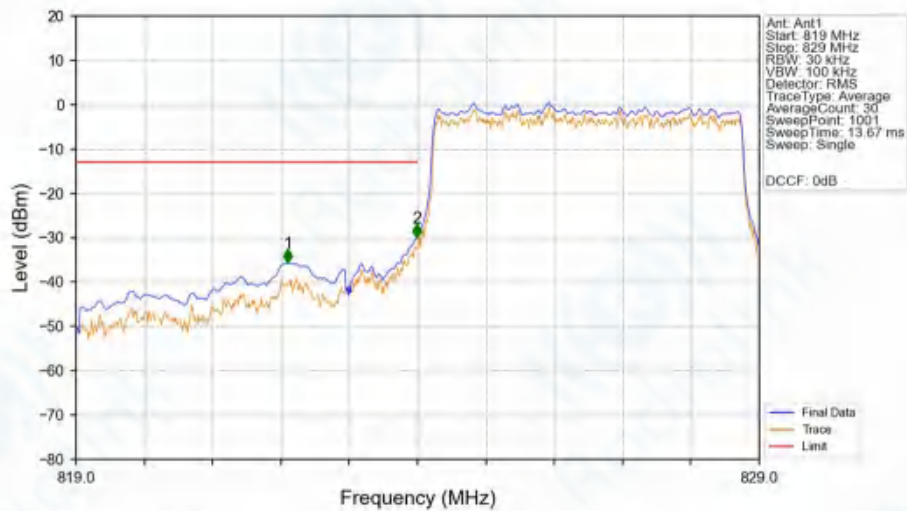
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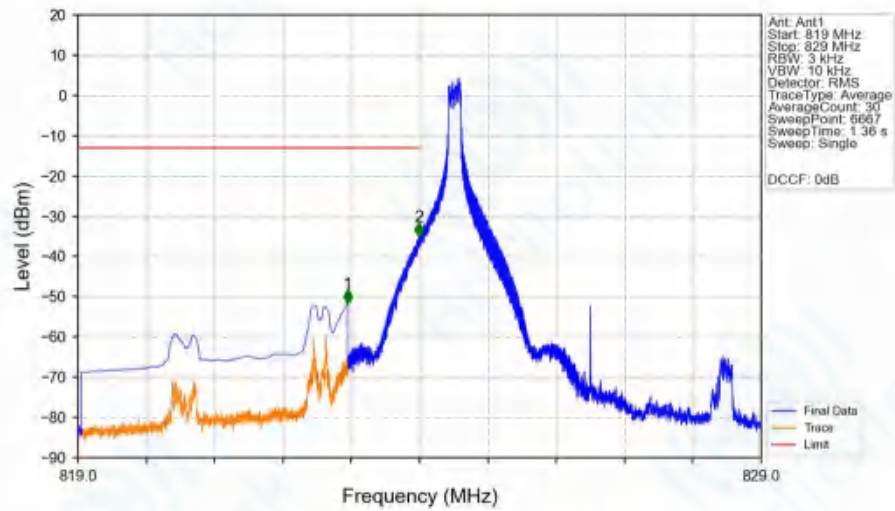
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_826.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_826.5MHz\_Outer\_Full\_Ant1

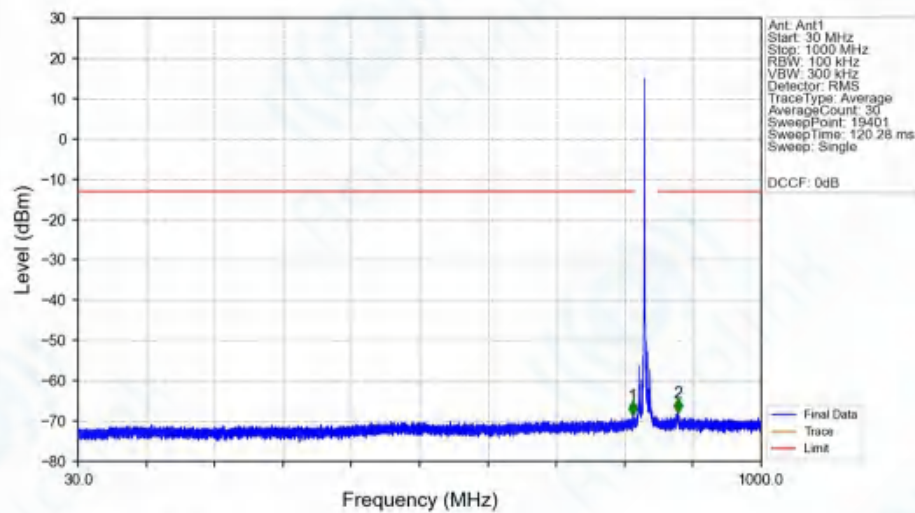


n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_826.5MHz\_Inner\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.947    | -51.61      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.989    | -34.95      | -13         | Pass   |
| 824         | 829        | 0.003     | /      | /          | /          | /           | /           | /      |

n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

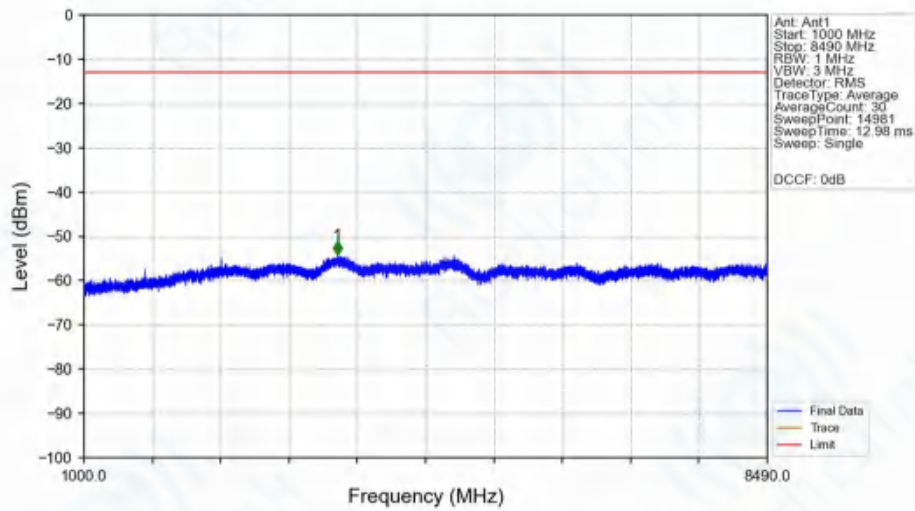


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 817.650    | -68.52      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 882.350    | -67.86      | -13         | Pass   |

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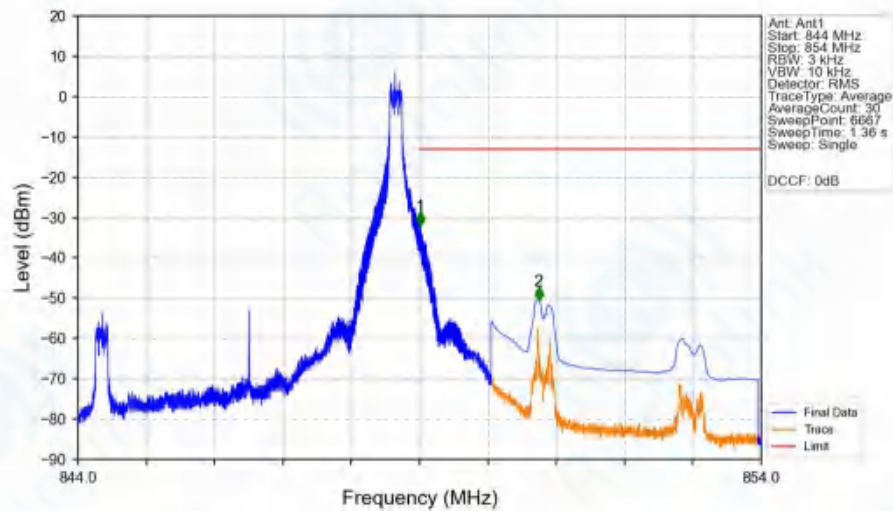
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 3777.500   | -54.26      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1

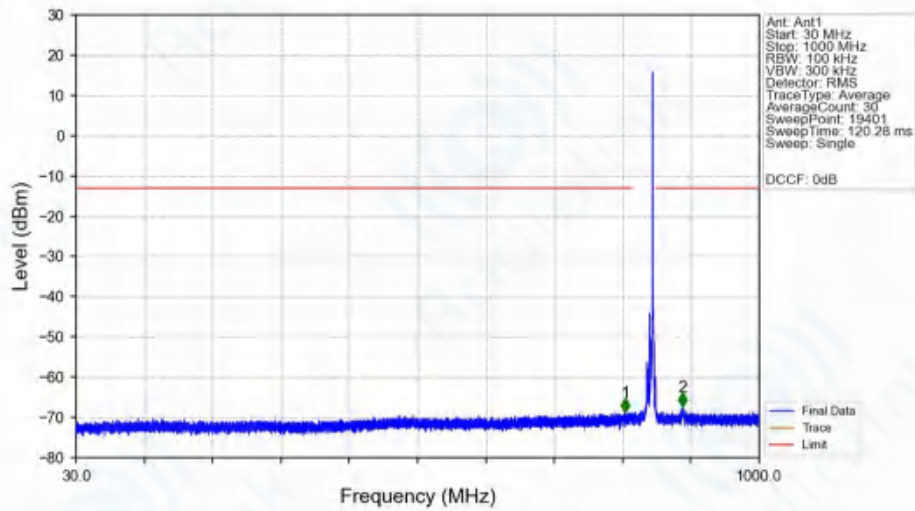


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.011    | -31.97      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.745    | -50.58      | -13         | Pass   |

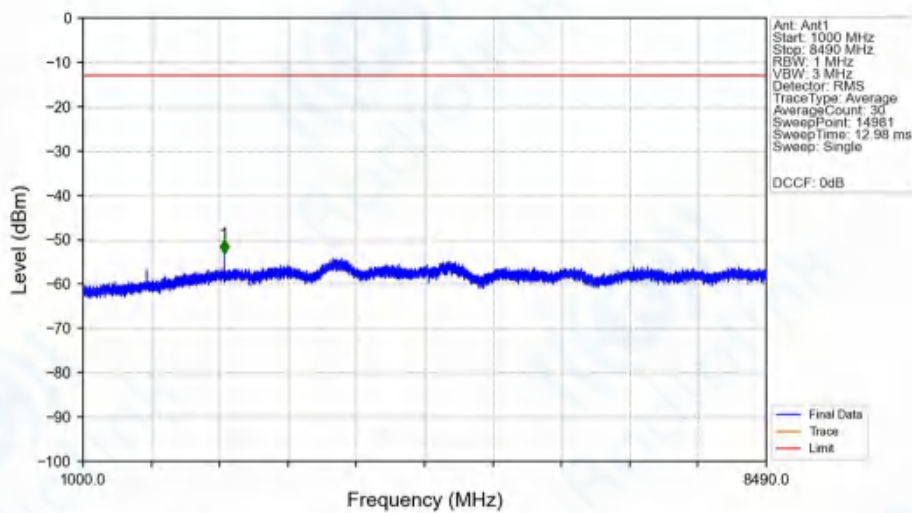
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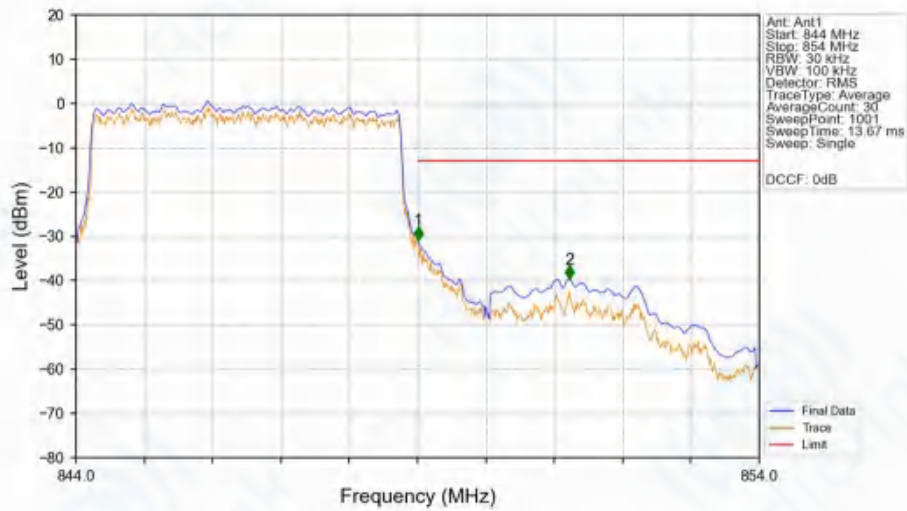
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1



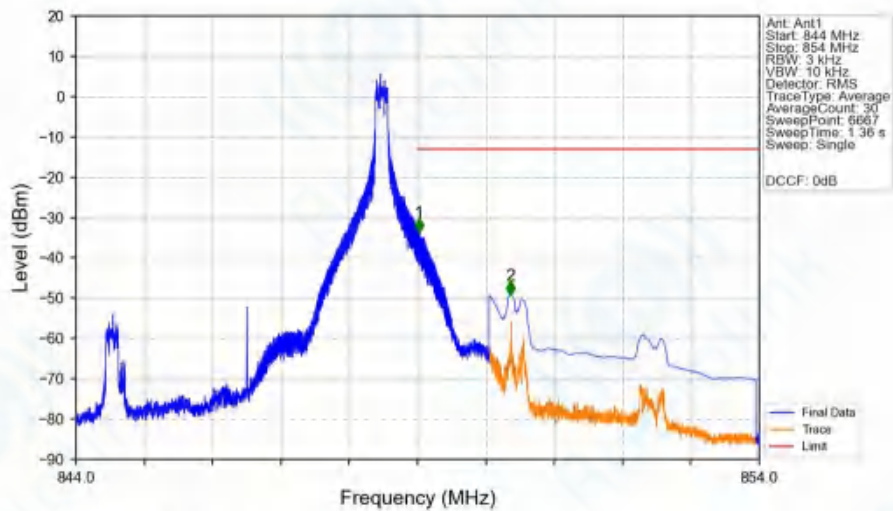
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_846.5MHz\_Outer\_Full\_Ant1



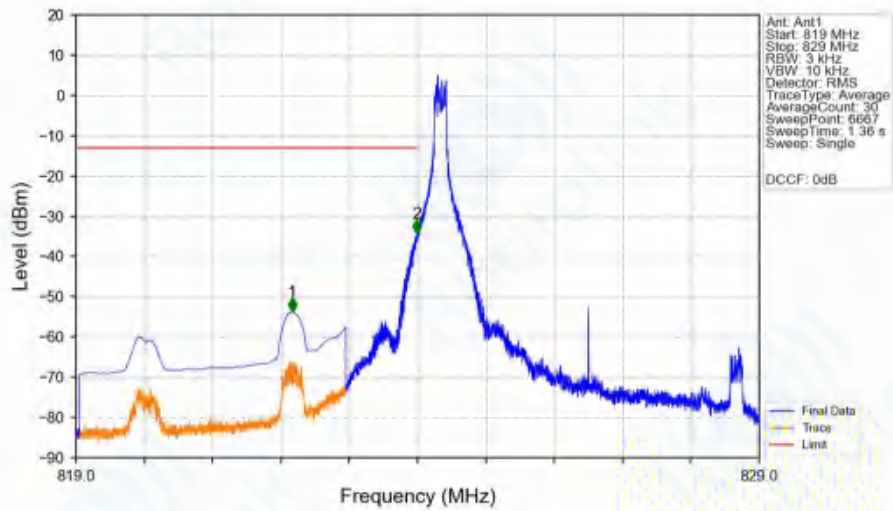
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_PI/2\_BPSK\_846.5MHz\_Inner\_1RB\_Right\_Ant1



Radiolink Testing (Shenzhen) Co., Ltd.

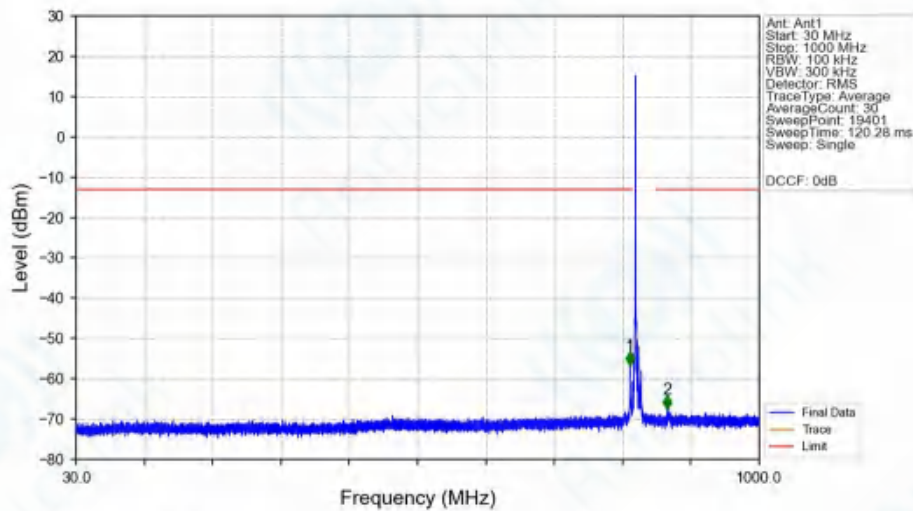
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## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Edge\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.164    | -53.58      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.992    | -34.25      | -13         | Pass   |
| 824         | 829        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Edge\_1RB\_Left\_Ant1

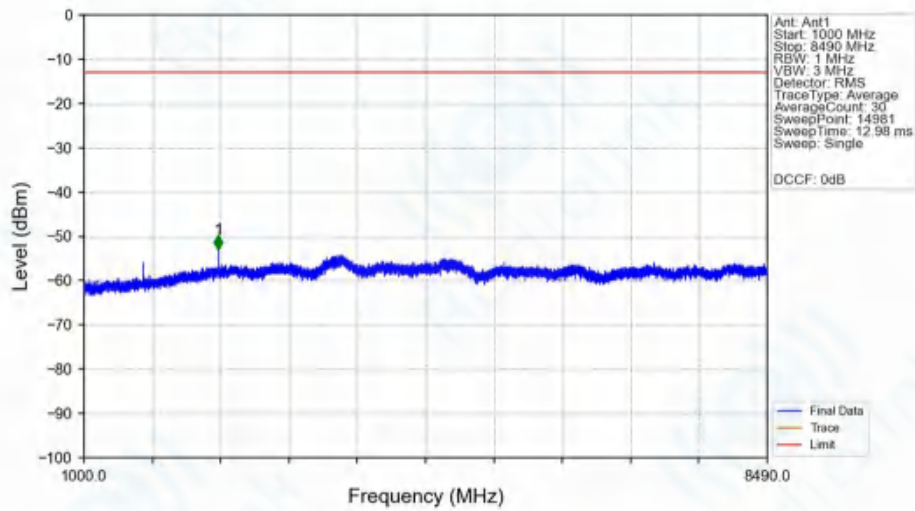


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 816.400    | -56.67      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 869.850    | -67.52      | -13         | Pass   |

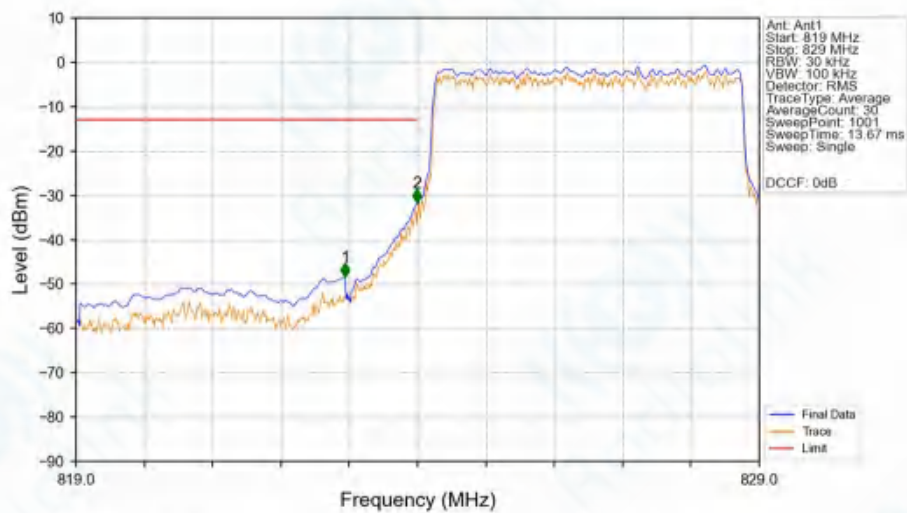
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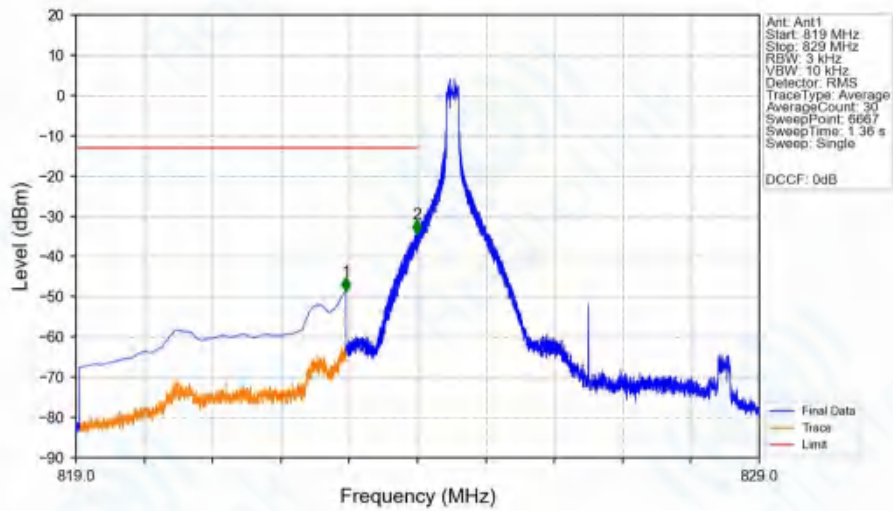
n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Outer\_Full\_Ant1

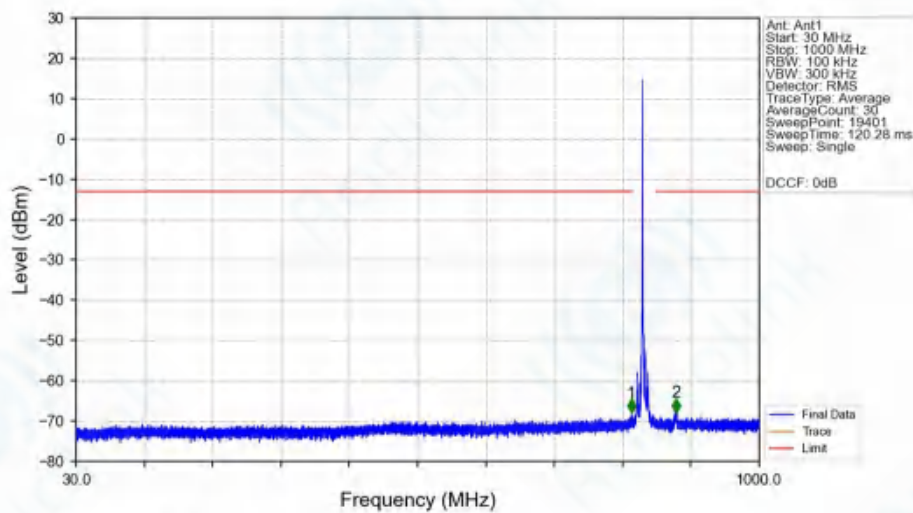


## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_826.5MHz\_Inner\_1RB\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.950    | -48.67      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.988    | -34.37      | -13         | Pass   |
| 824         | 829        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

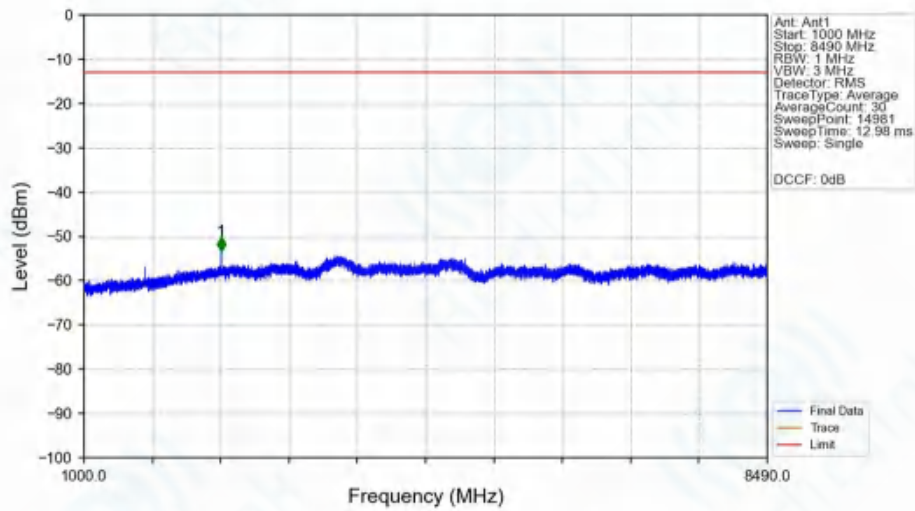


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 818.600    | -67.85      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 881.550    | -67.82      | -13         | Pass   |

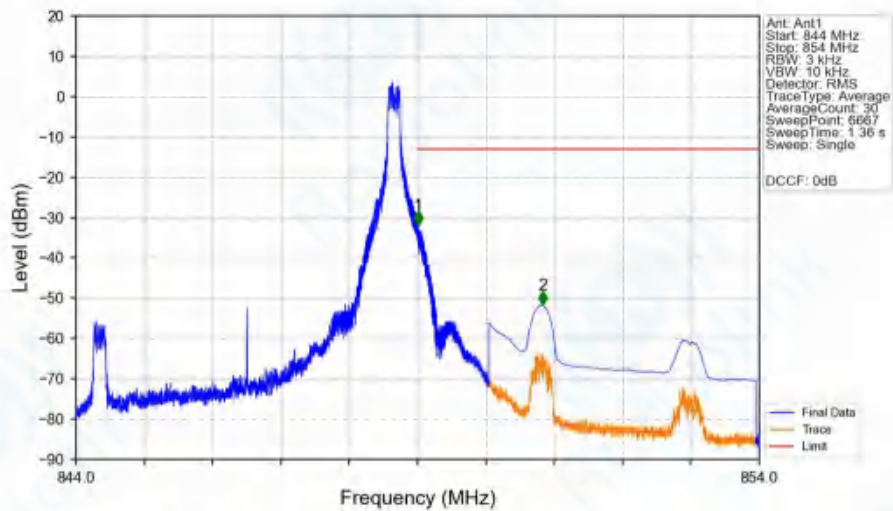
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n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1

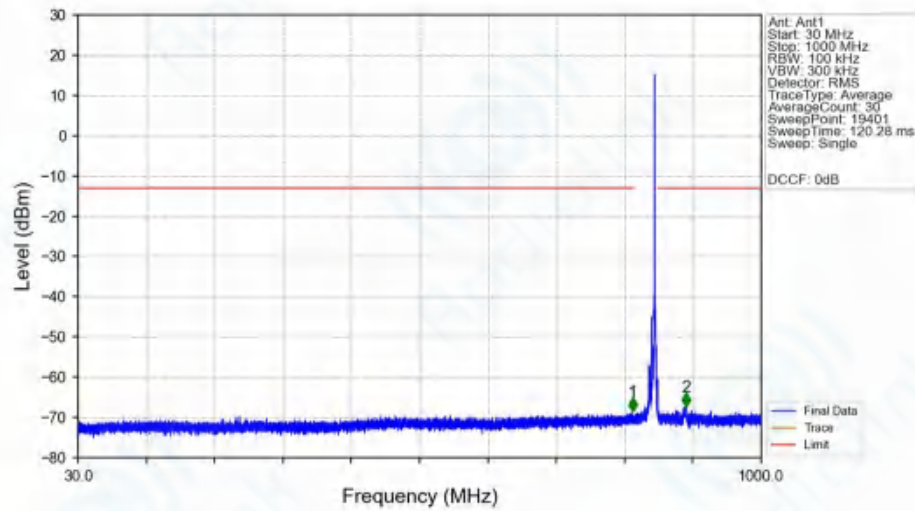


Radiolink Testing (Shenzhen) Co., Ltd.

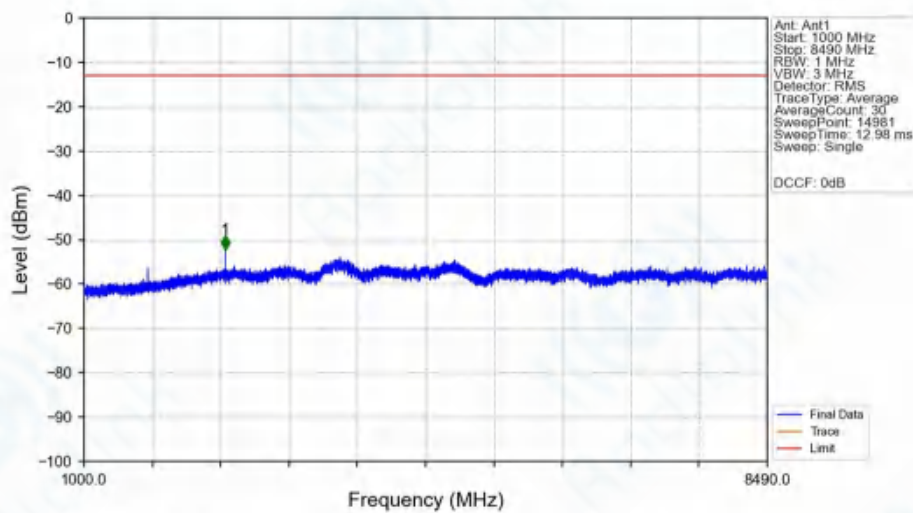
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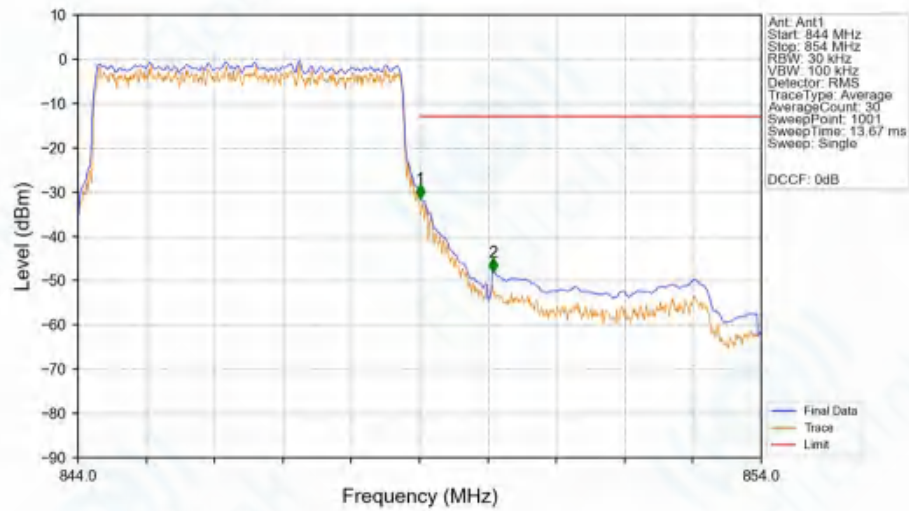
## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1



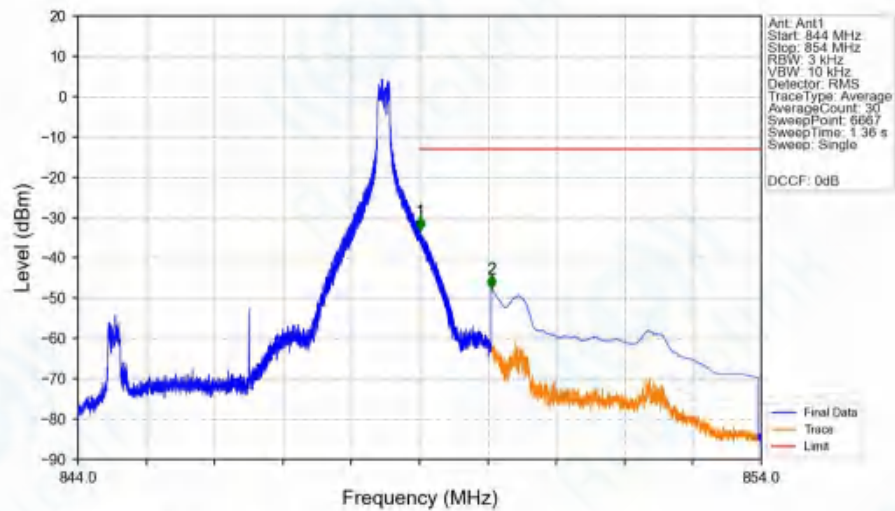
## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1



## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_846.5MHz\_Outer\_Full\_Ant1



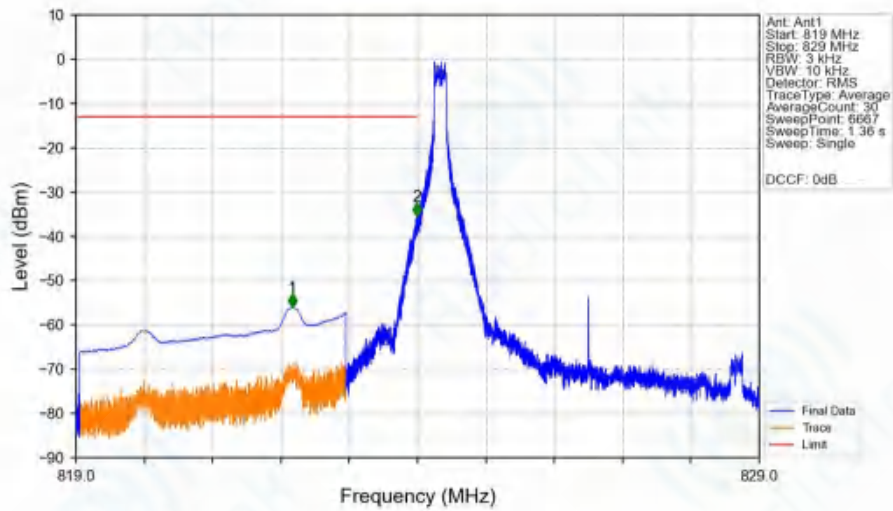
## n5\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_846.5MHz\_Inner\_1RB\_Right\_Ant1



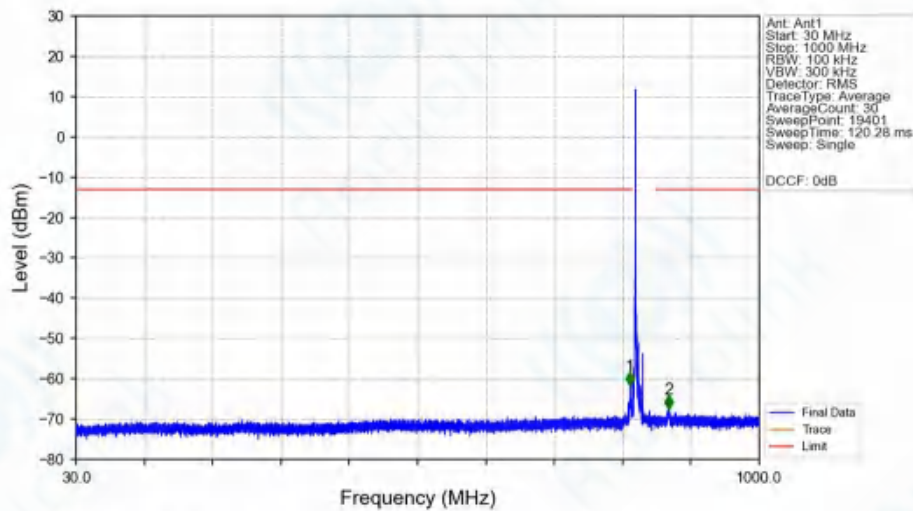
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 826.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 826.5MHz\_Edge\_1RB\_Left\_Ant1

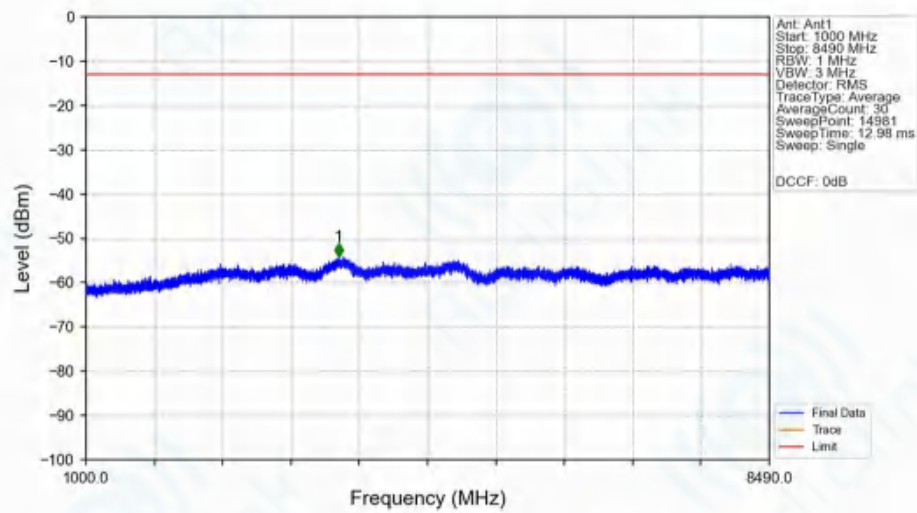


Radiolink Testing (Shenzhen) Co., Ltd.

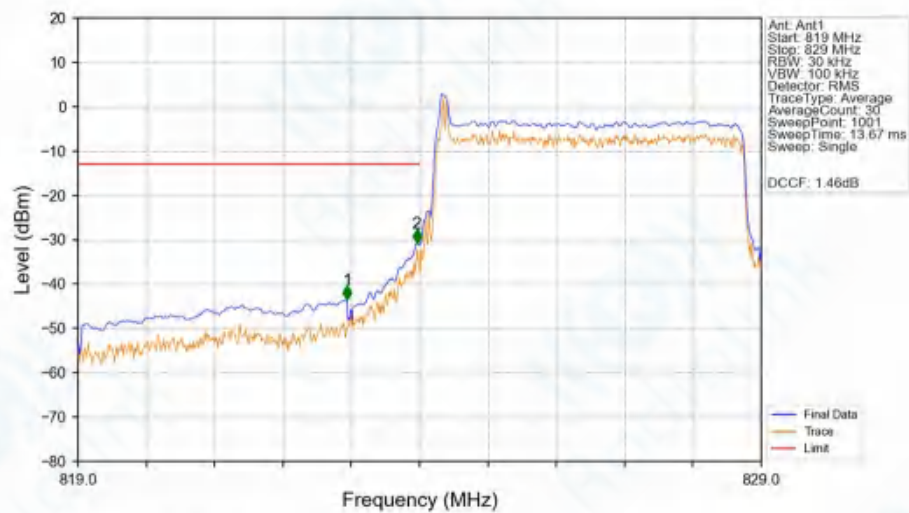
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 826.5MHz\_Edge 1RB\_Left\_Ant1



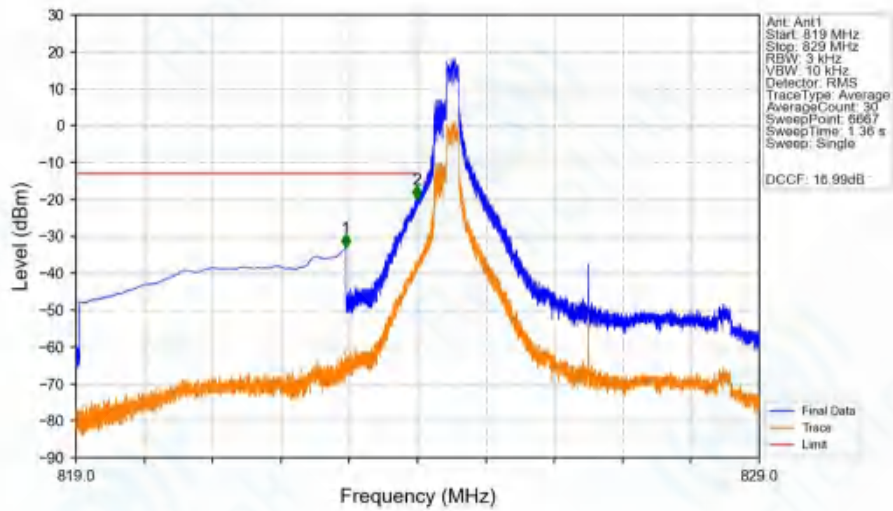
n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 826.5MHz\_Outer\_Full\_Ant1



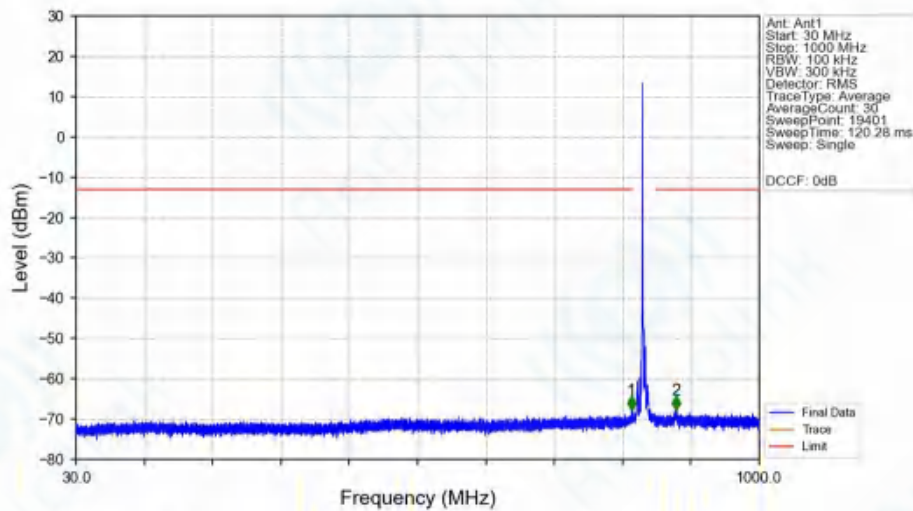
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 826.5MHz\_Inner 1RB\_Left\_Ant1



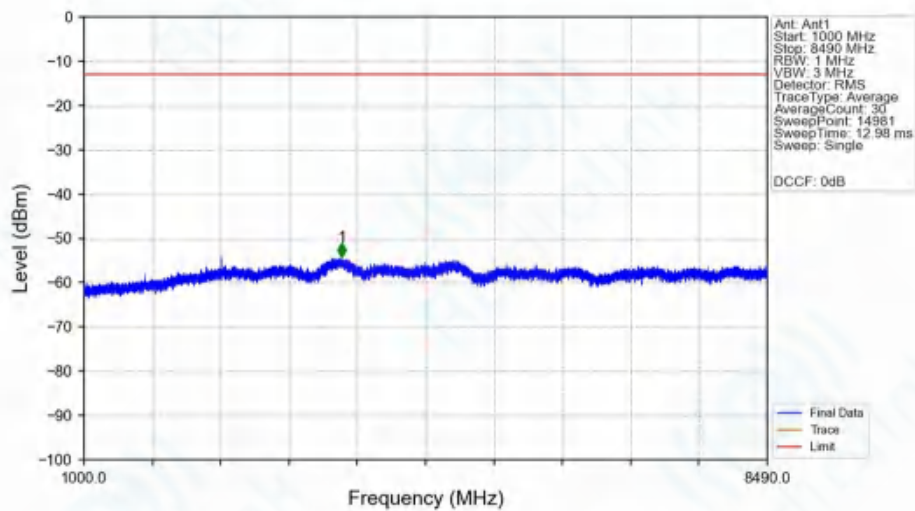
n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 836.5MHz\_Edge 1RB\_Left\_Ant1



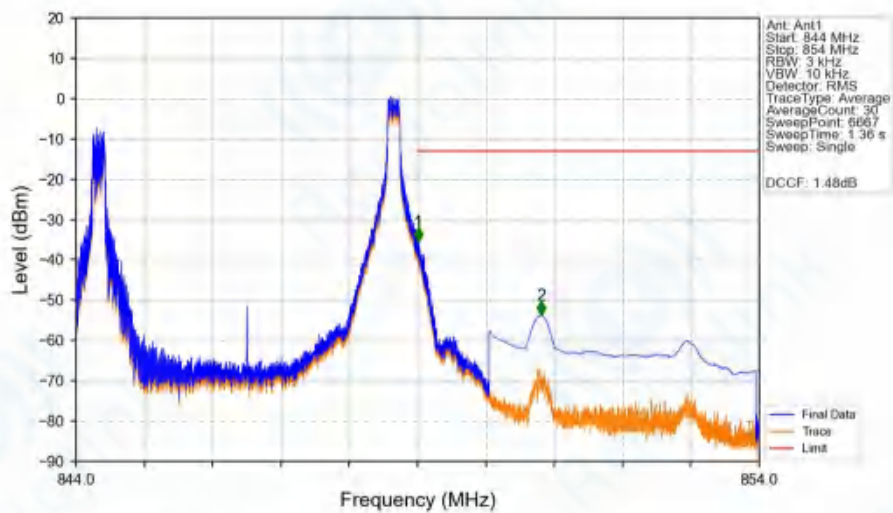
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK 846.5MHz\_Edge\_1RB\_Right\_Ant1

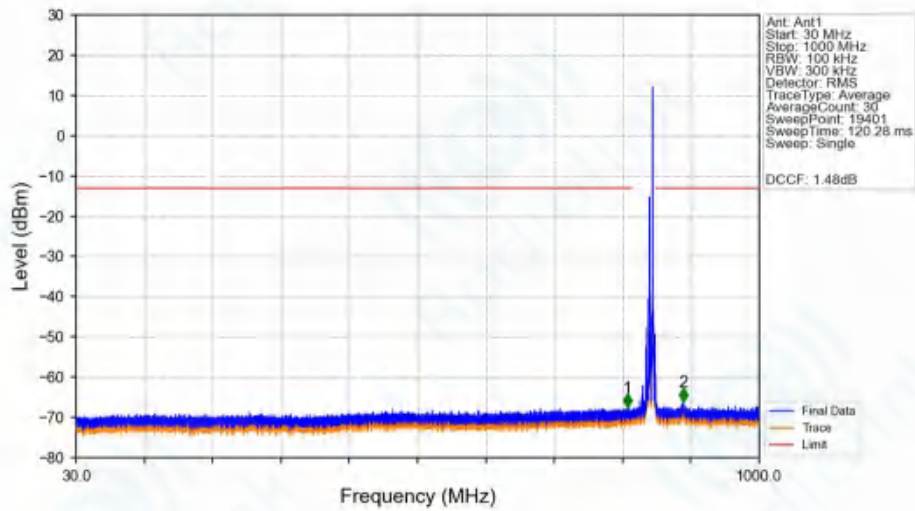


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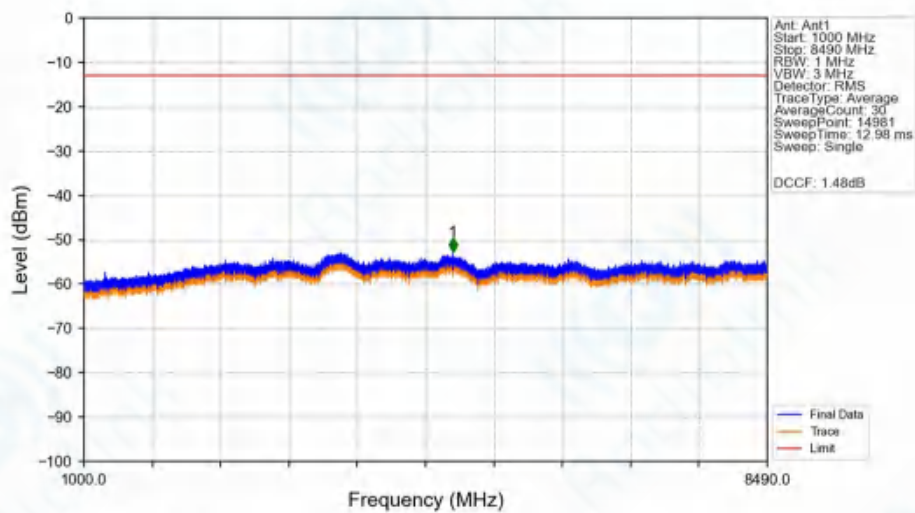
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n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 812.900    | -67.60      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 892.350    | -66.04      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_846.5MHz\_Edge\_1RB\_Right\_Ant1

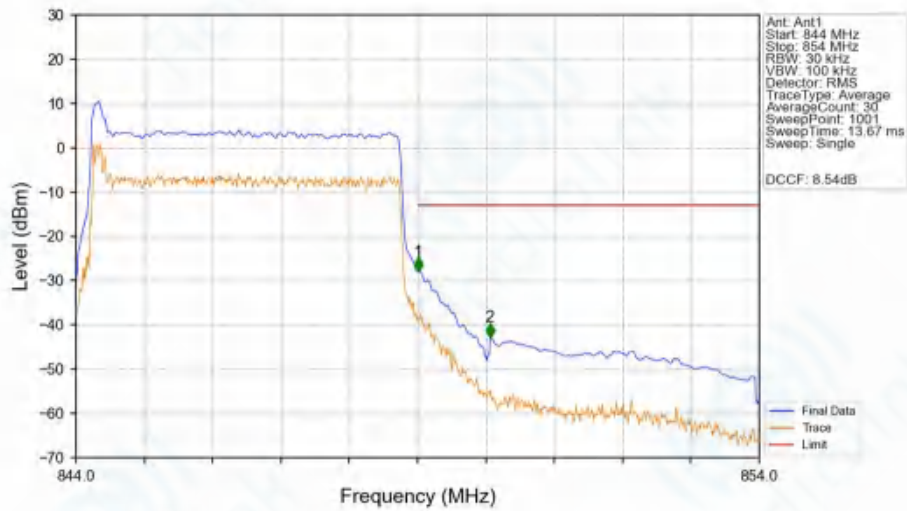


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 5043.000   | -52.84      | -13         | Pass   |

Radiolink Testing (Shenzhen) Co., Ltd.

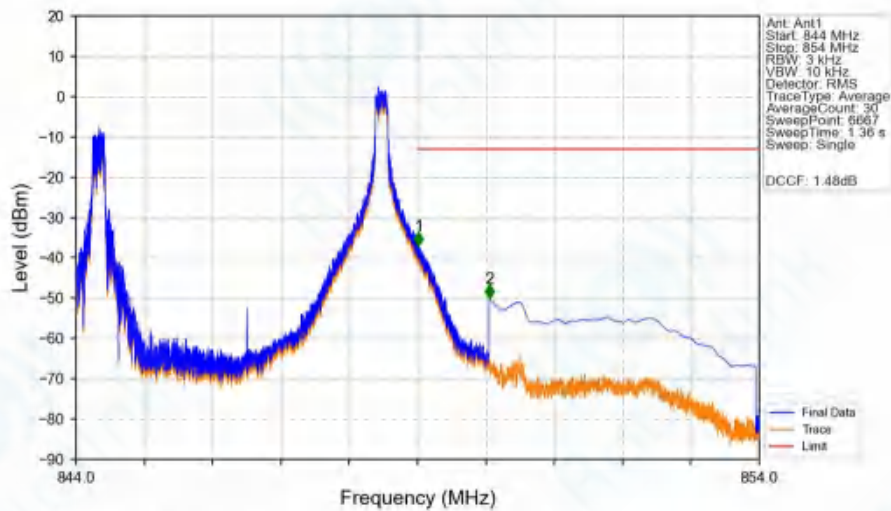
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## n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_846.5MHz\_Outer\_Full\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.0529    | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.0529    | CHP    | 1          | 849.010    | -27.92      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.060    | -42.71      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM\_QPSK\_846.5MHz\_Inner\_1RB\_Right\_Ant1



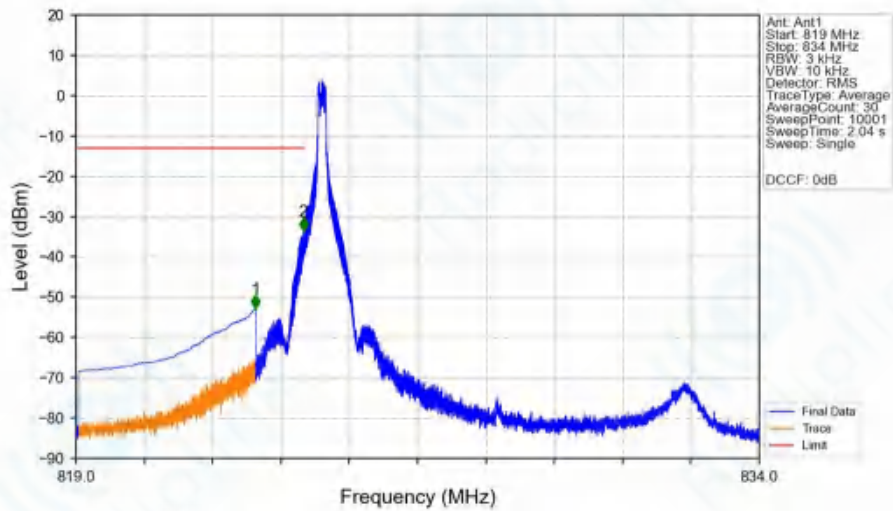
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.014    | -36.96      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.050    | -50.13      | -13         | Pass   |

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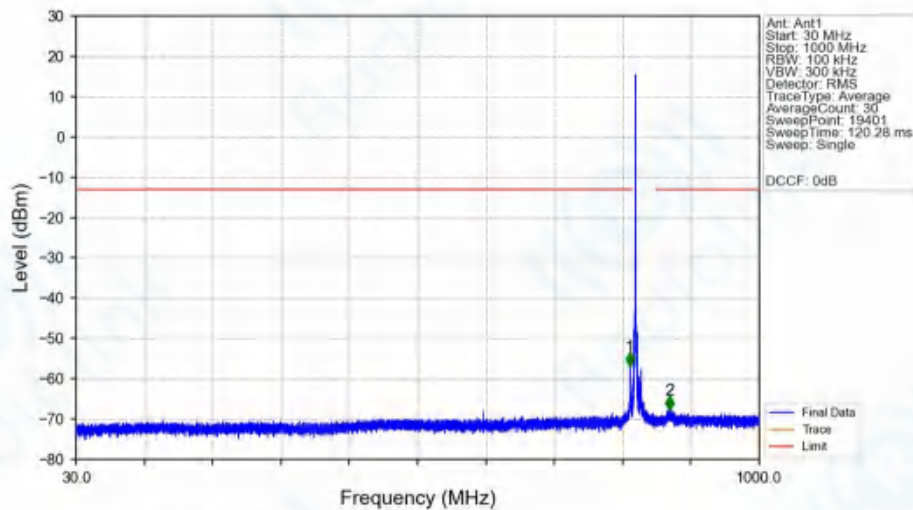
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### 5.2.2 15\_S\_10M\_NTNV

n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_829MHz\_Edge\_1RB\_Left\_Ant1



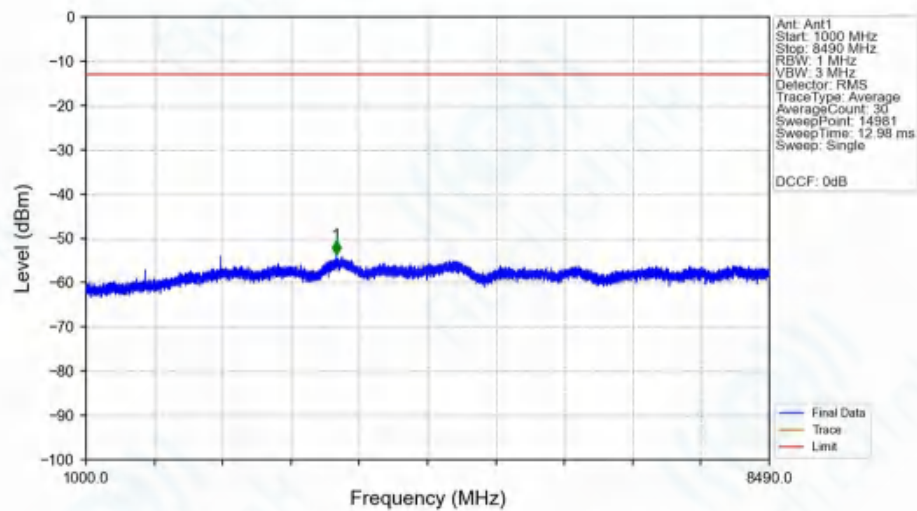
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_829MHz\_Edge\_1RB\_Left\_Ant1



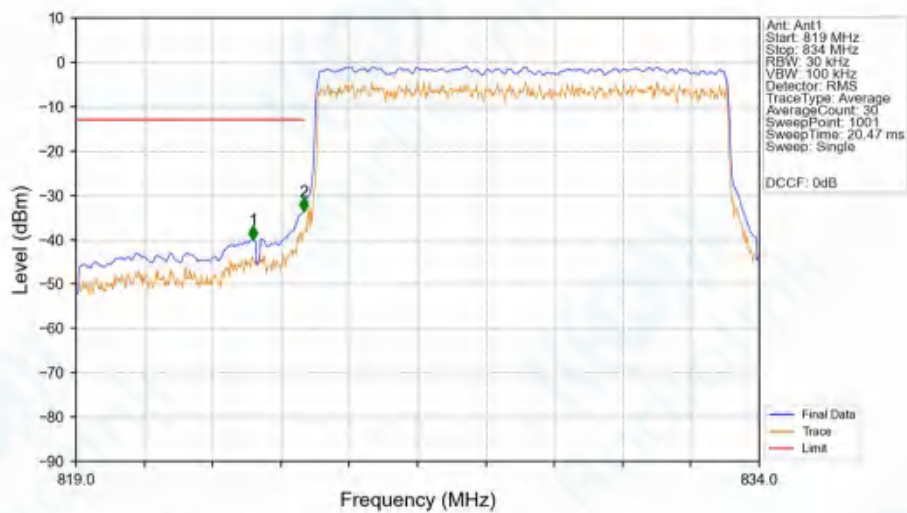
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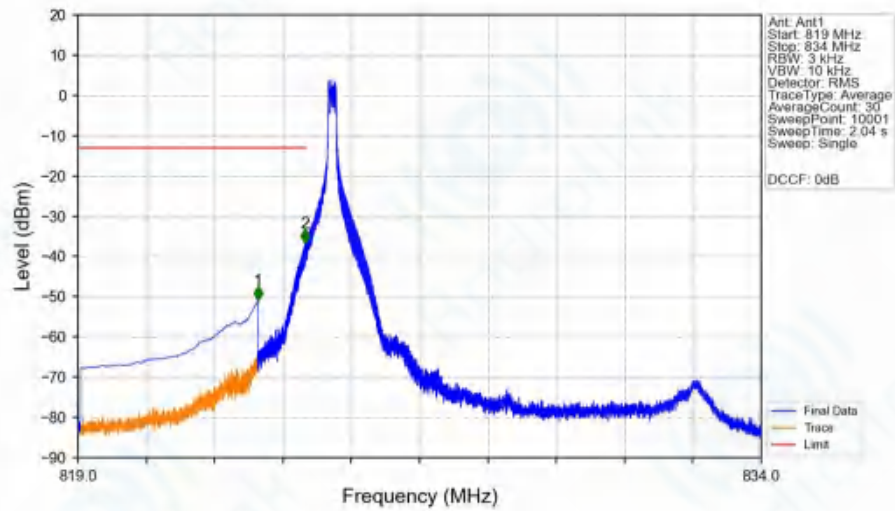
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_829MHz\_Edge\_1RB\_Left\_Ant1



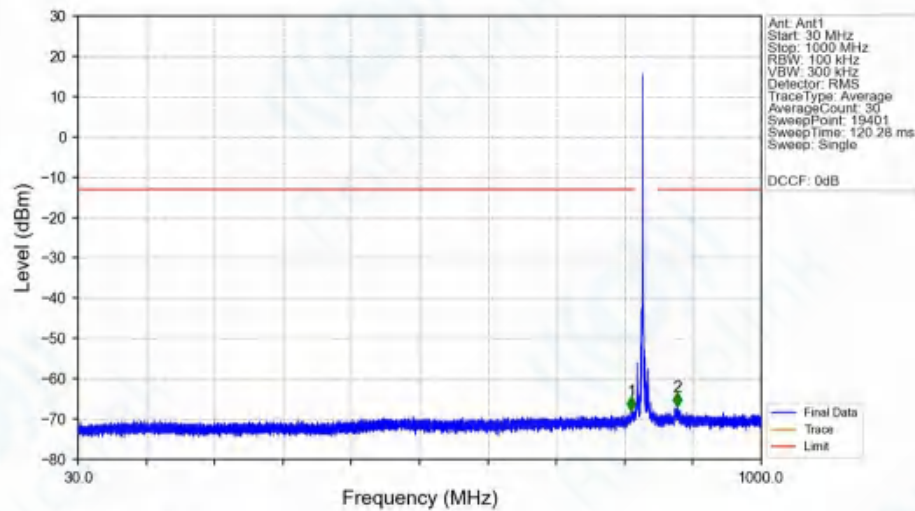
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_829MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_829MHz\_Inner\_1RB\_Left\_Ant1



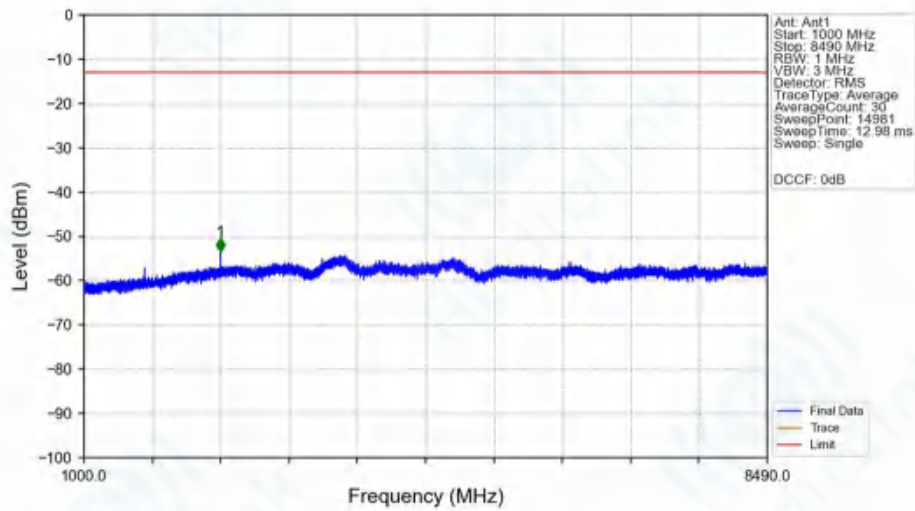
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



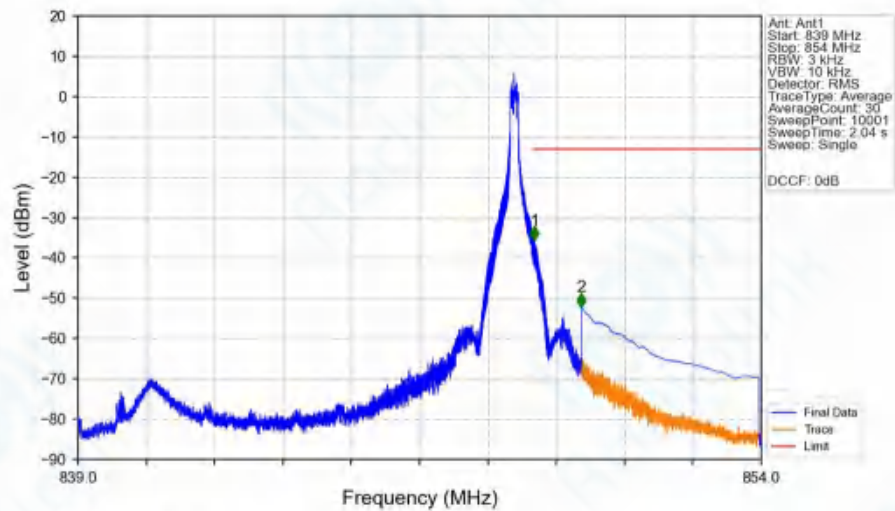
Radiolink Testing (Shenzhen) Co., Ltd.

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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK 836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK 844MHz\_Edge\_1RB\_Right\_Ant1

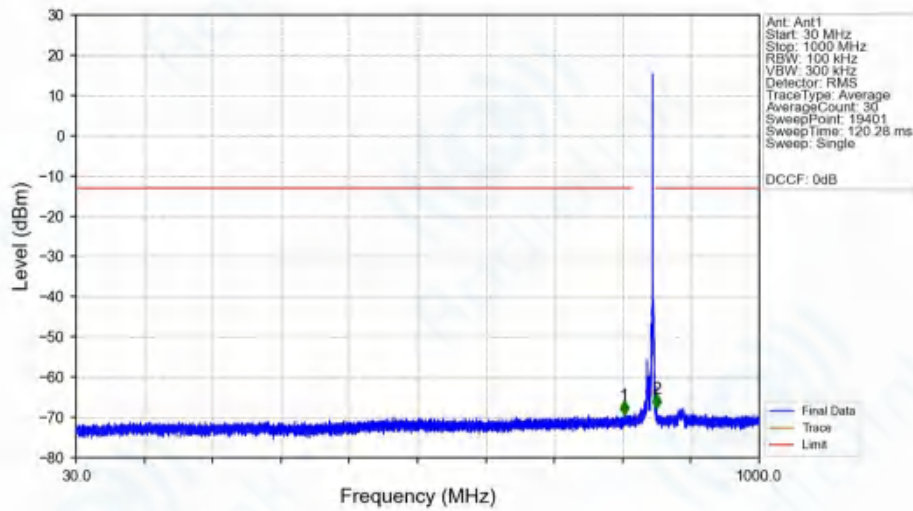


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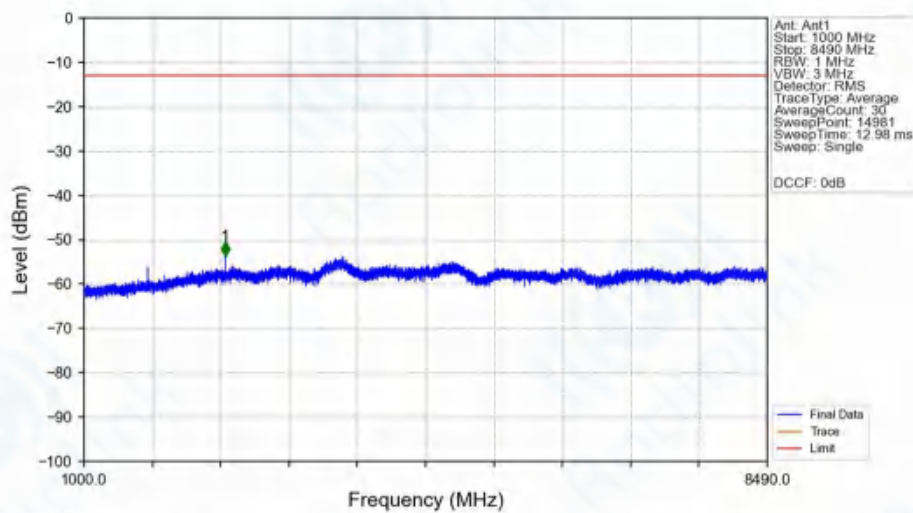
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

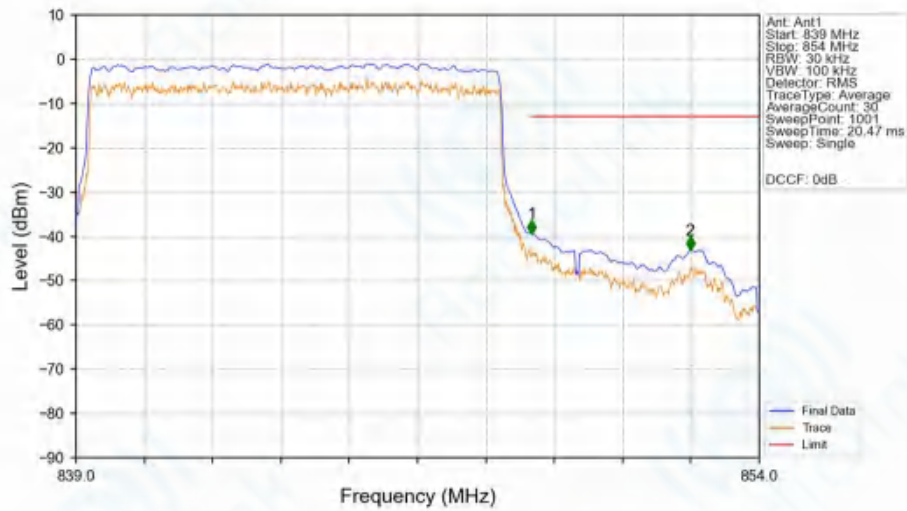
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



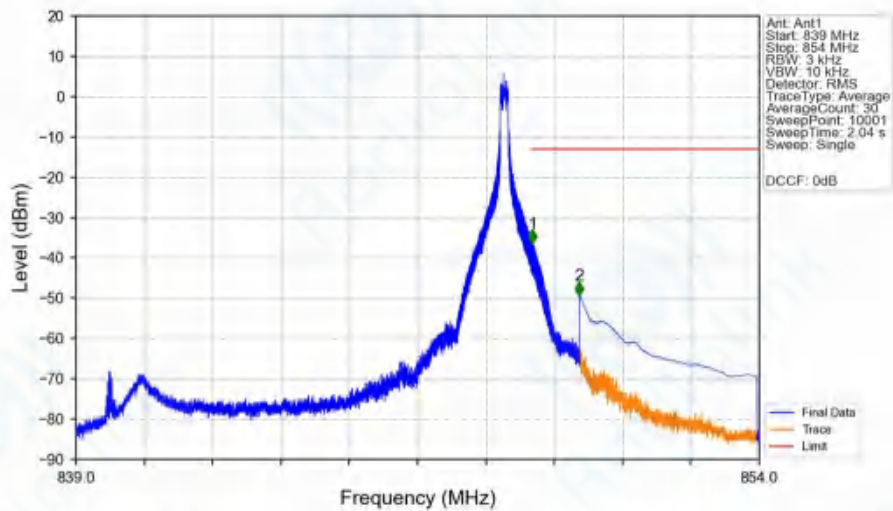
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_844MHz\_Outer\_Full\_Ant1



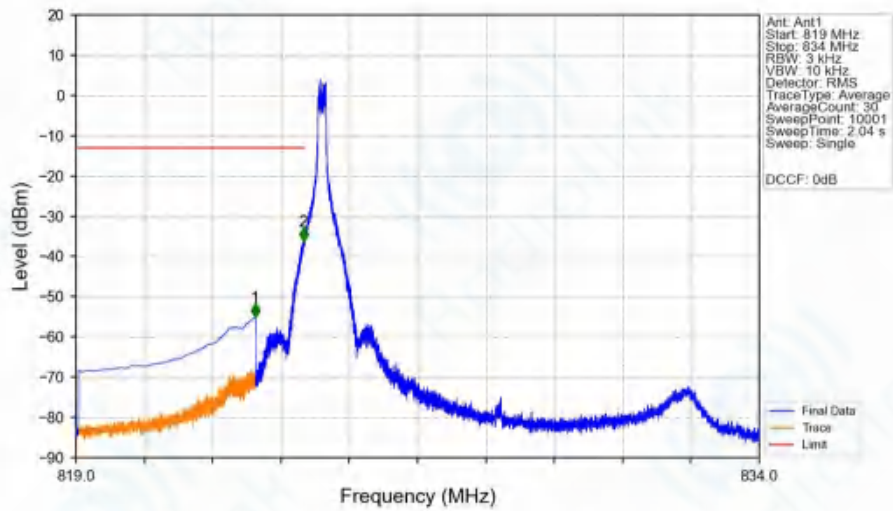
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_844MHz\_Inner\_1RB\_Right\_Ant1



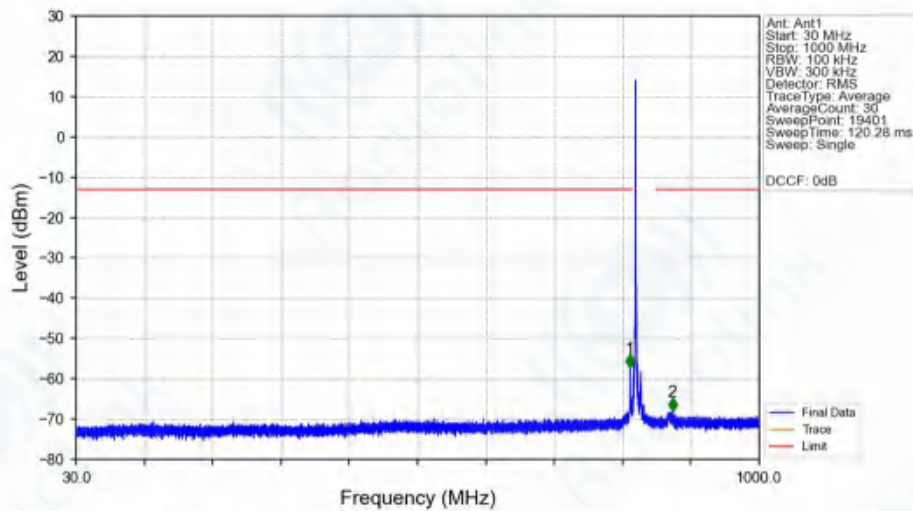
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## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 829MHz\_Edge\_1RB\_Left\_Ant1



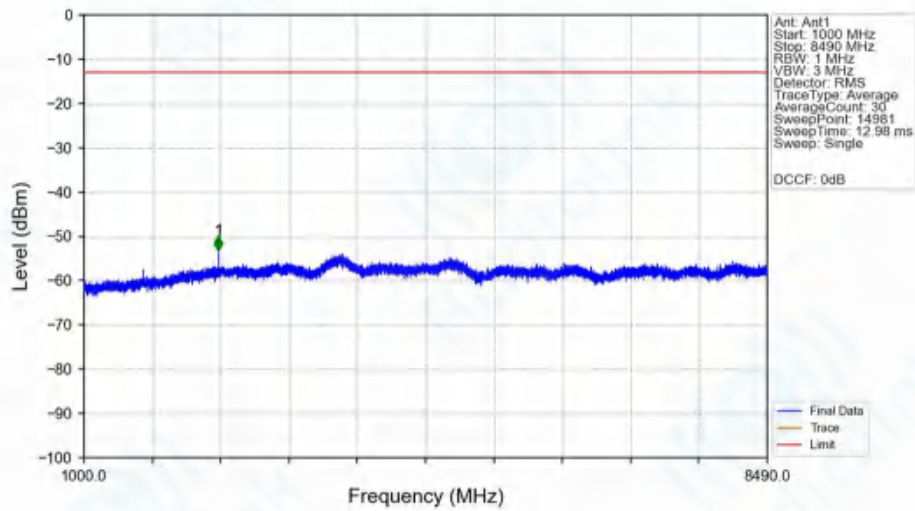
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 829MHz\_Edge\_1RB\_Left\_Ant1



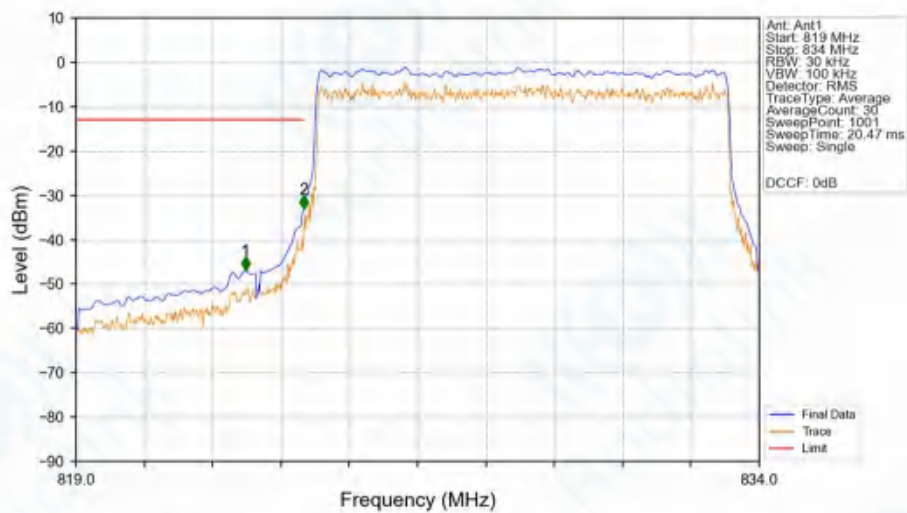
Radiolink Testing (Shenzhen) Co., Ltd.

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Shenzhen, Guangdong Province, China  
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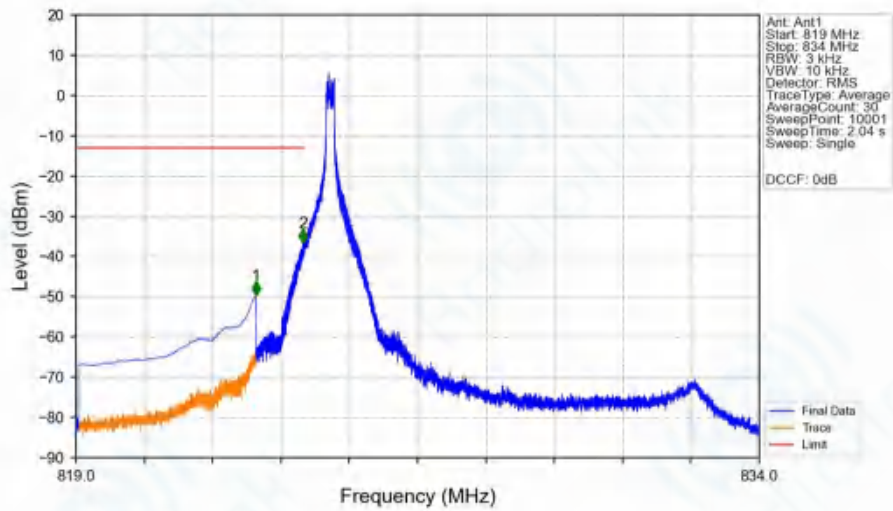
n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 829MHz\_Edge 1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 829MHz\_Outer\_Full\_Ant1

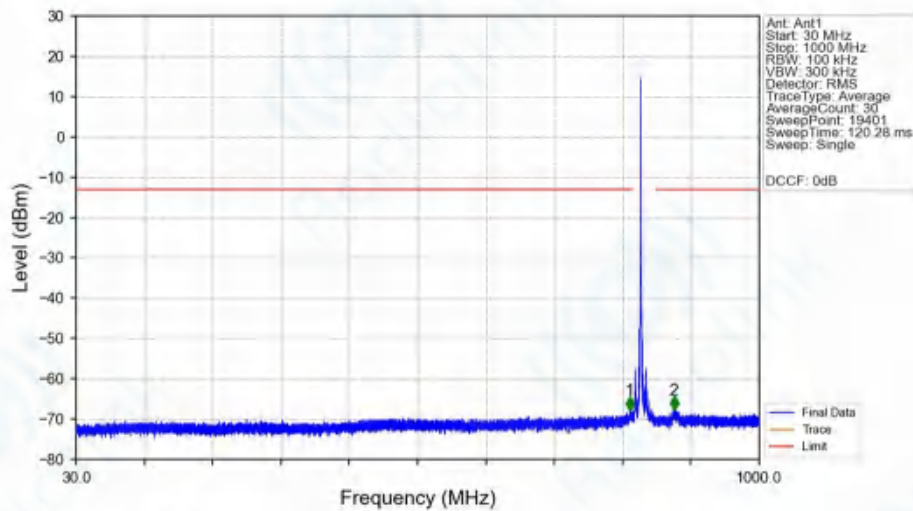


## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_829MHz\_Inner\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.949    | -49.65      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.987    | -36.67      | -13         | Pass   |
| 824         | 834        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

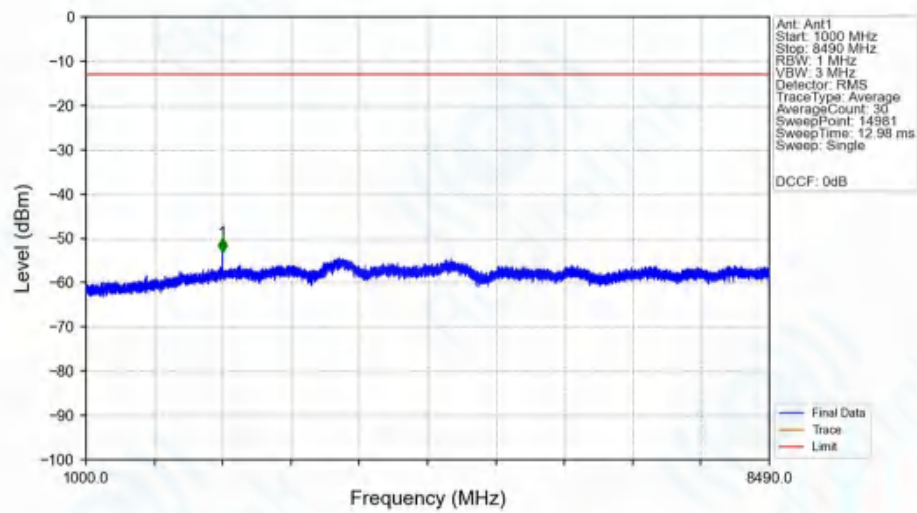


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 816.200    | -67.82      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 879.250    | -67.70      | -13         | Pass   |

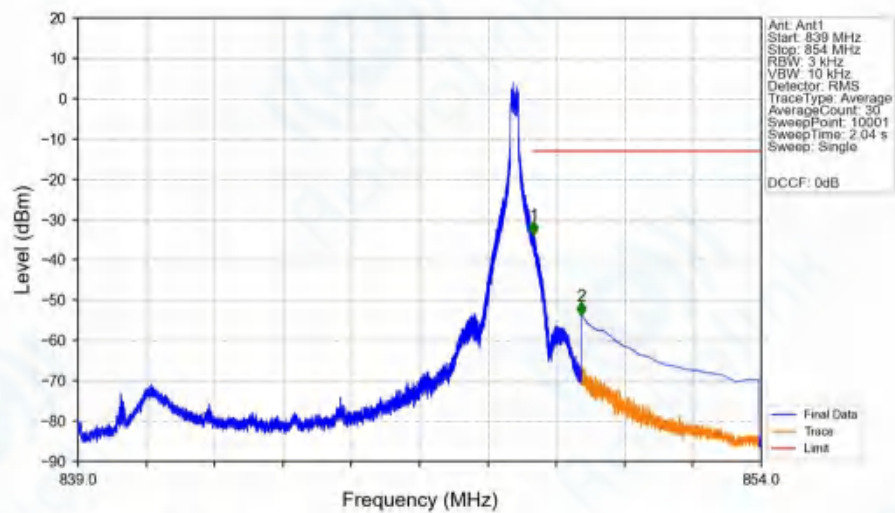
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n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1

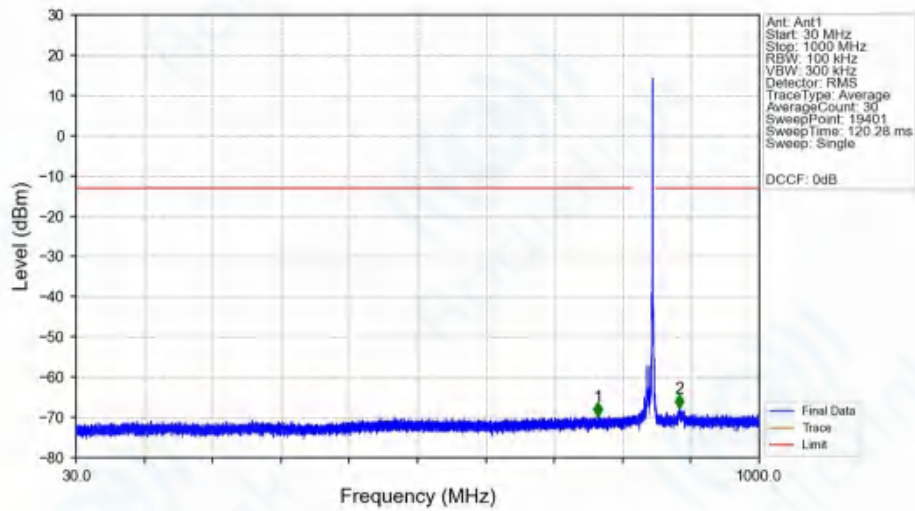


Radiolink Testing (Shenzhen) Co., Ltd.

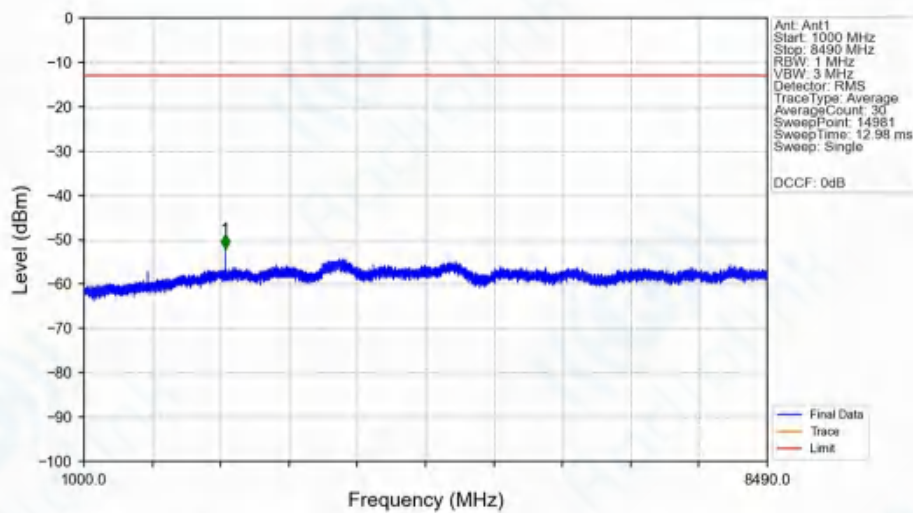
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

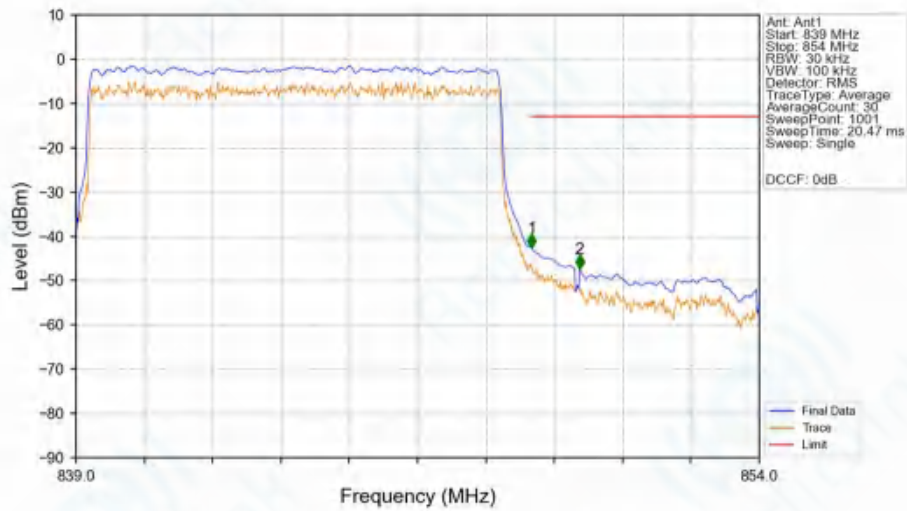
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



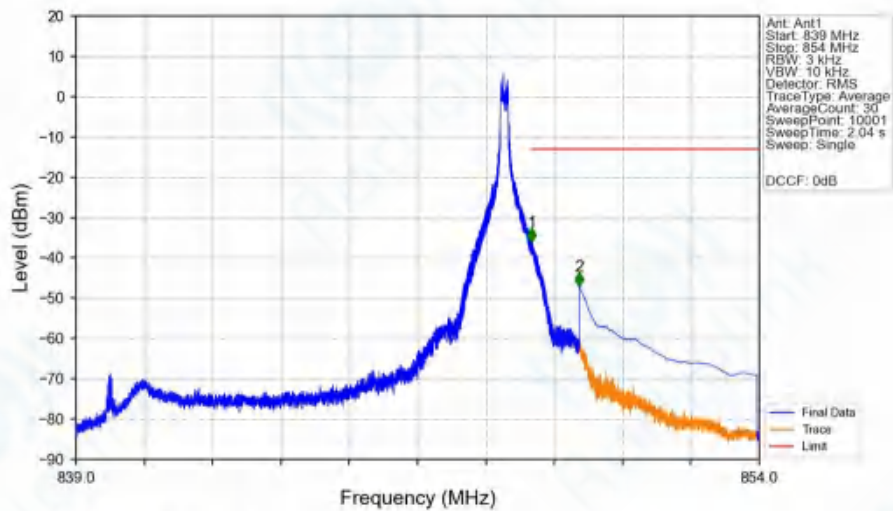
## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_844MHz\_Outer\_Full\_Ant1



## n5\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_844MHz\_Inner\_1RB\_Right\_Ant1

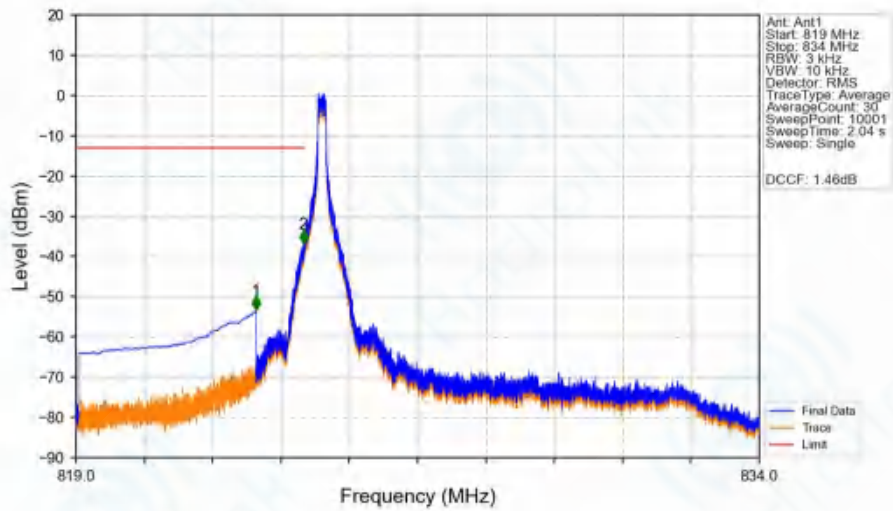


Radiolink Testing (Shenzhen) Co., Ltd.

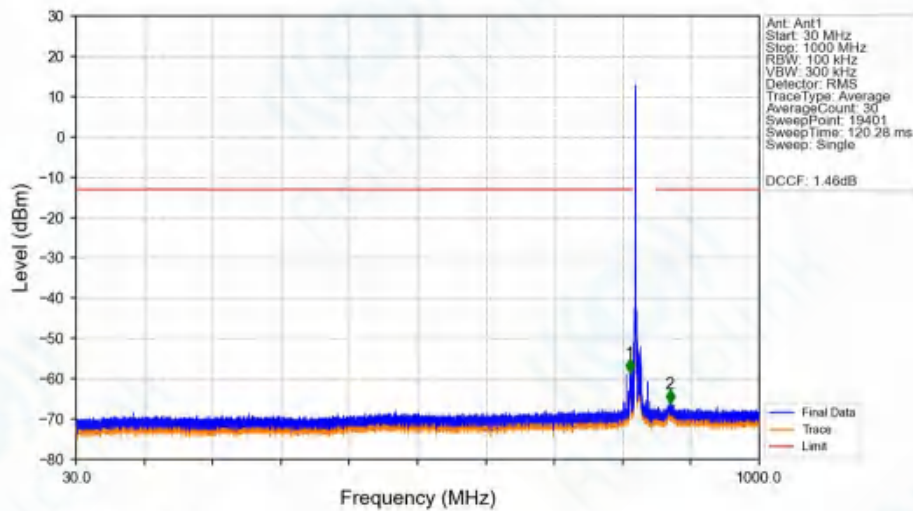
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_829MHz\_Edge\_1RB\_Left\_Ant1



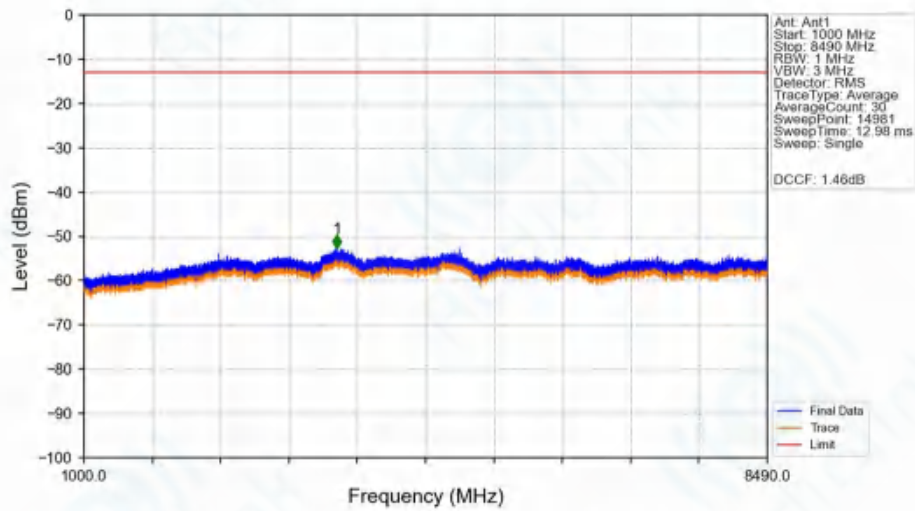
n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_829MHz\_Edge\_1RB\_Left\_Ant1



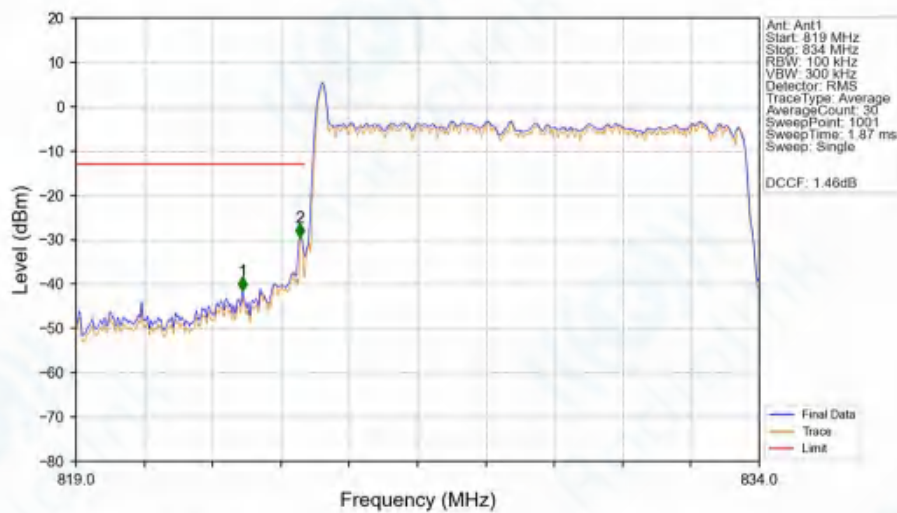
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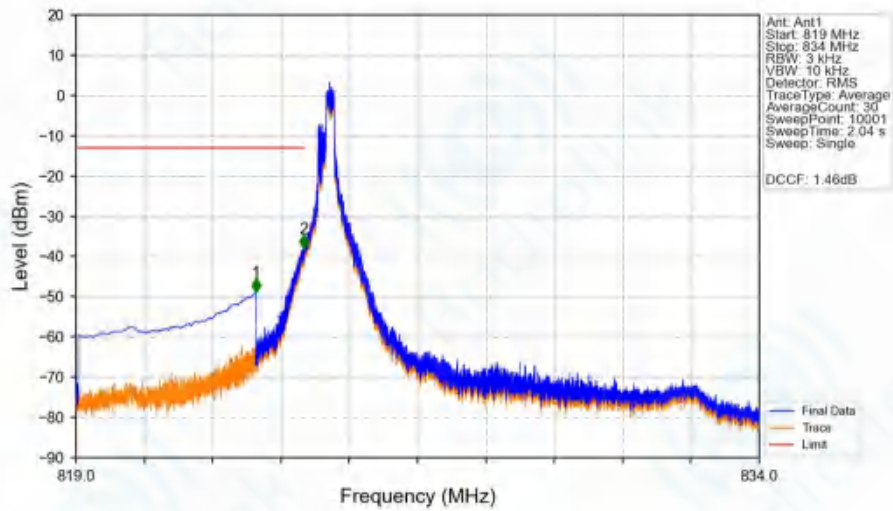
n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 829MHz\_Edge 1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 829MHz\_Outer\_Full\_Ant1

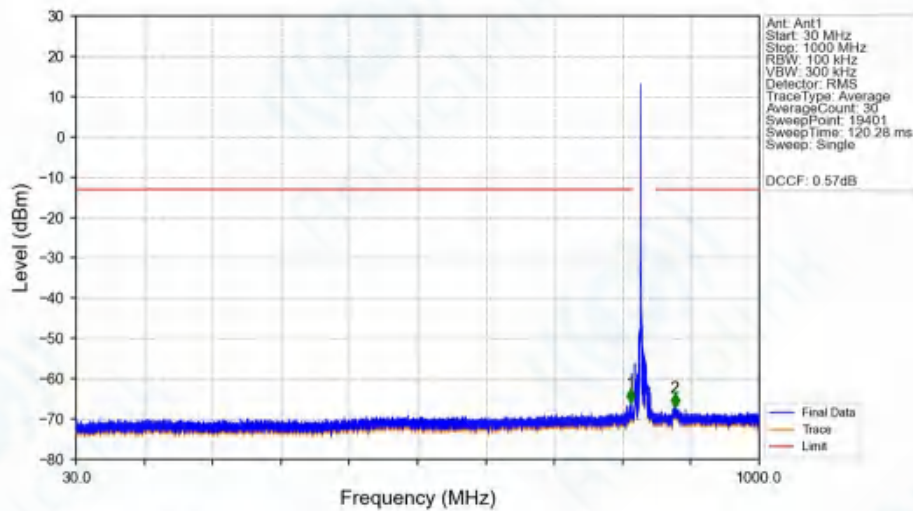


## n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_829MHz\_Inner\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.949    | -48.90      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.996    | -38.10      | -13         | Pass   |
| 824         | 834        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

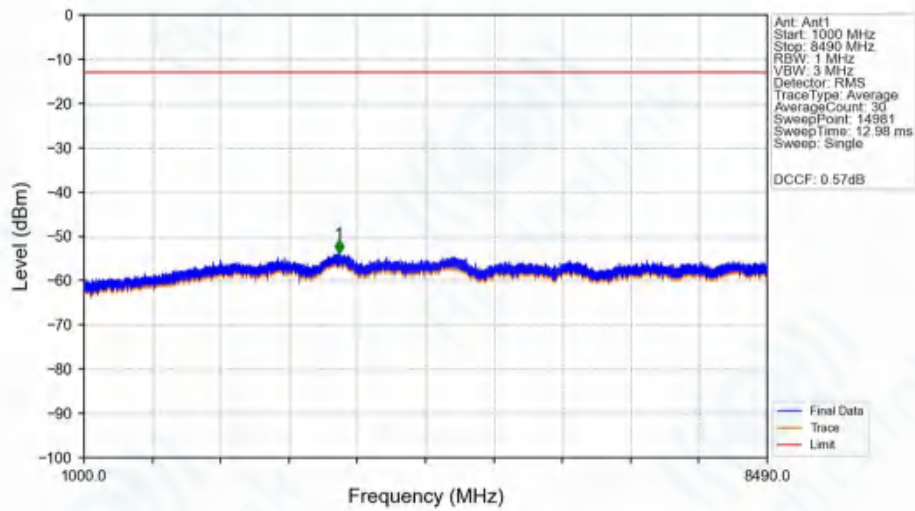


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 817.150    | -65.84      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 880.250    | -67.05      | -13         | Pass   |

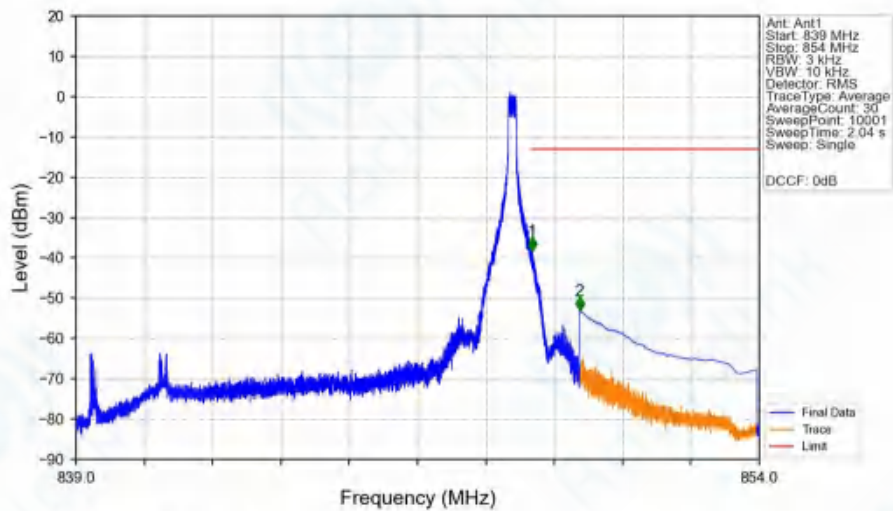
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Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1

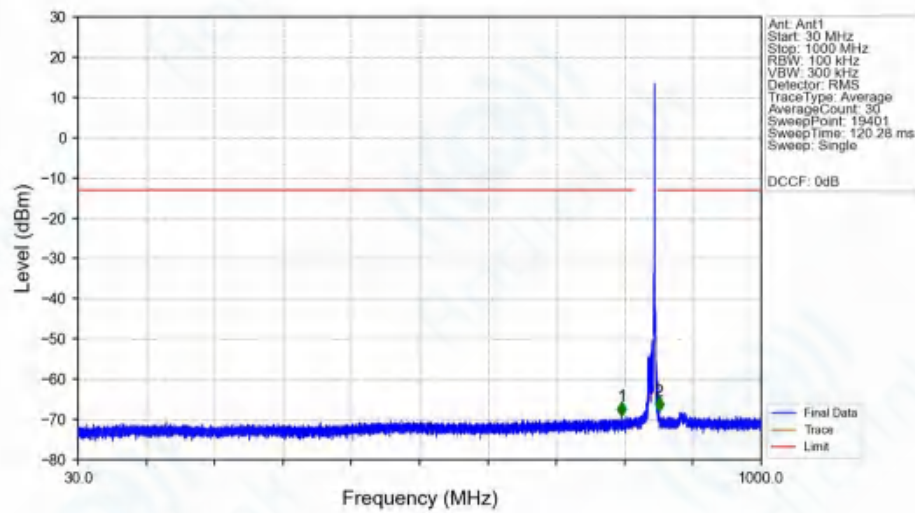


**Radiolink Testing (Shenzhen) Co., Ltd.**

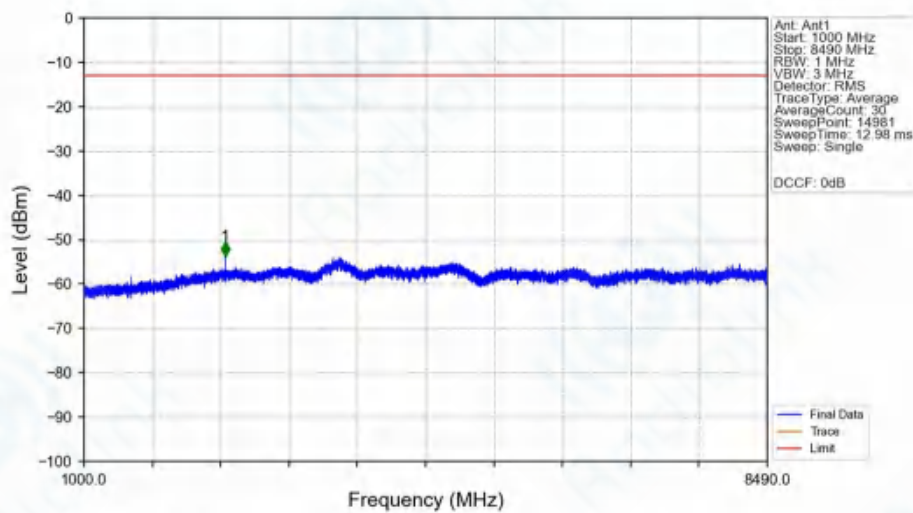
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

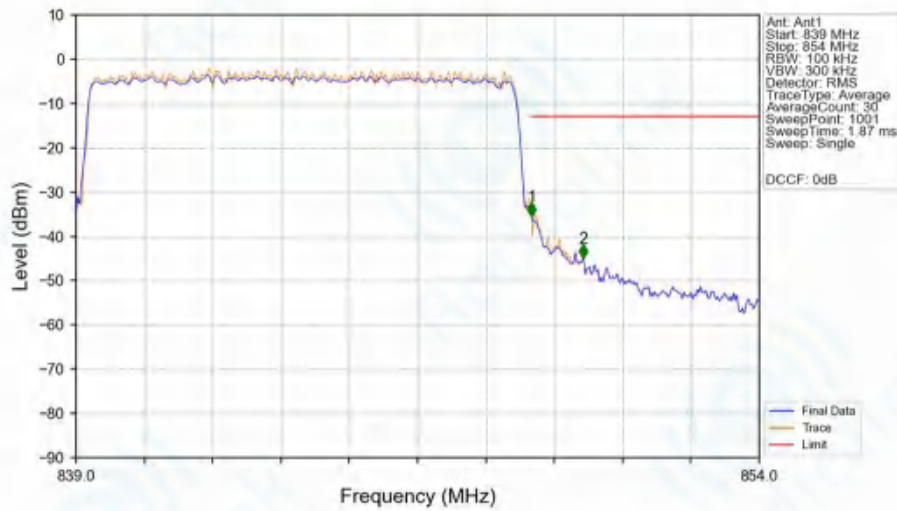
n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



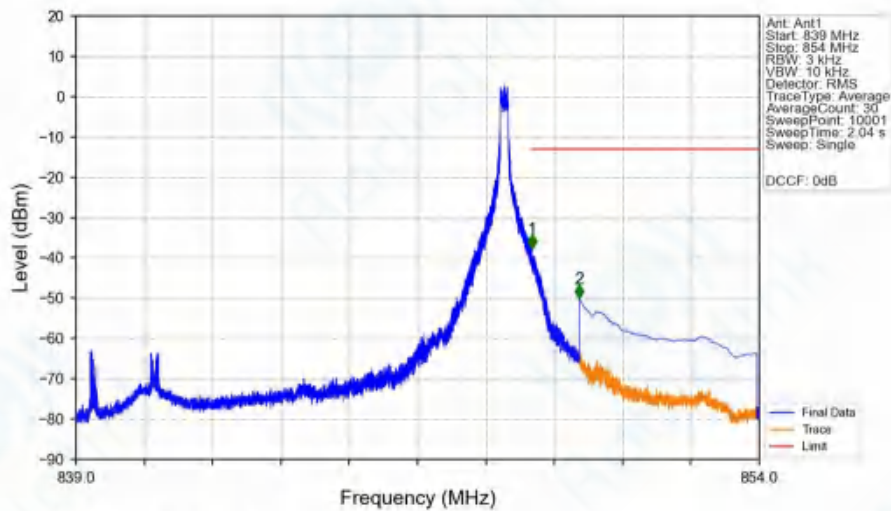
n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_844MHz\_Edge\_1RB\_Right\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_844MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_844MHz\_Inner\_1RB\_Right\_Ant1

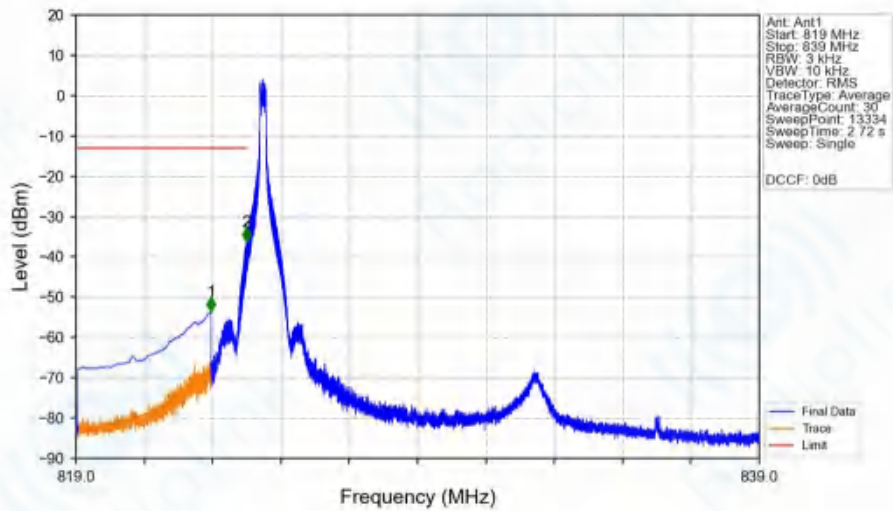


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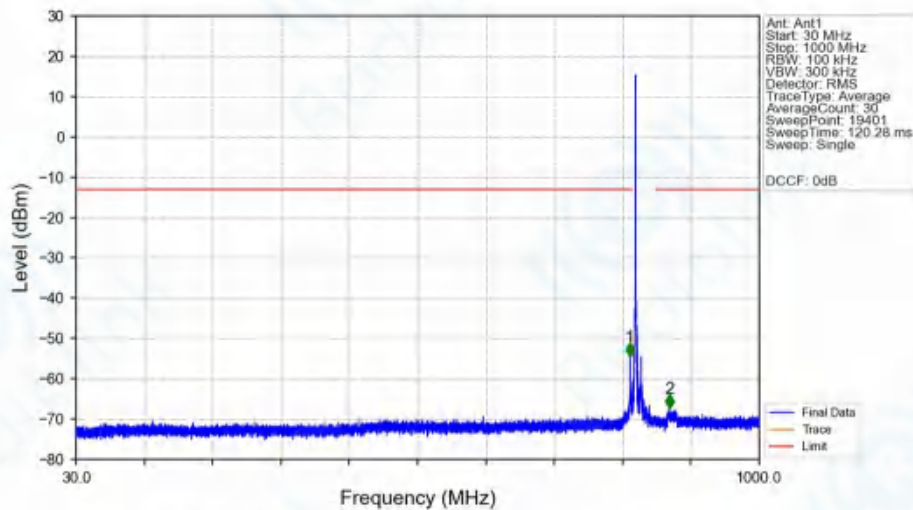
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### 5.2.3 15\_S\_15M\_NTNV

n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK 831.5MHz\_Edge\_1RB\_Left\_Ant1



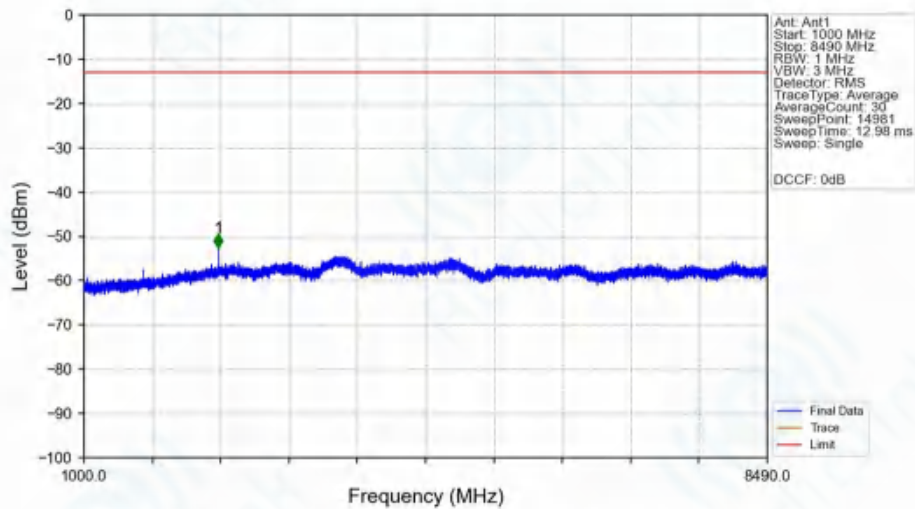
n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK 831.5MHz\_Edge\_1RB\_Left\_Ant1



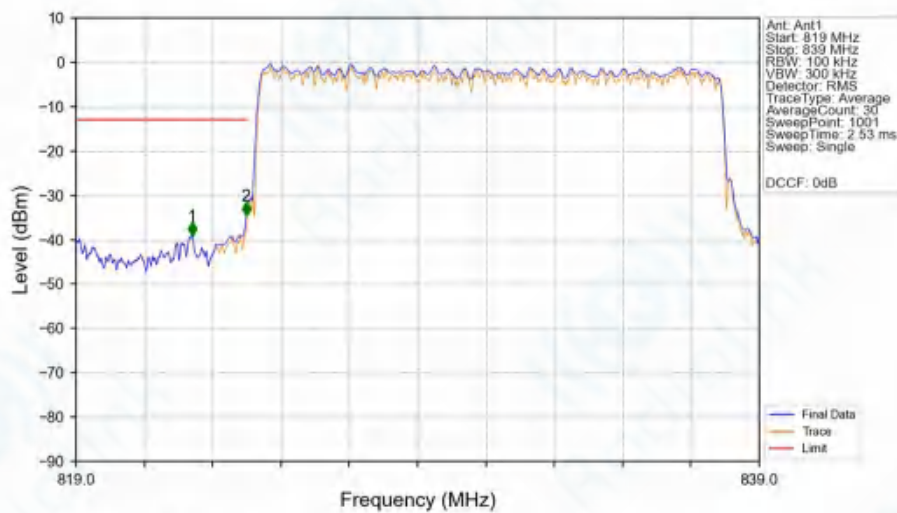
**Radiolink Testing (Shenzhen) Co., Ltd.**

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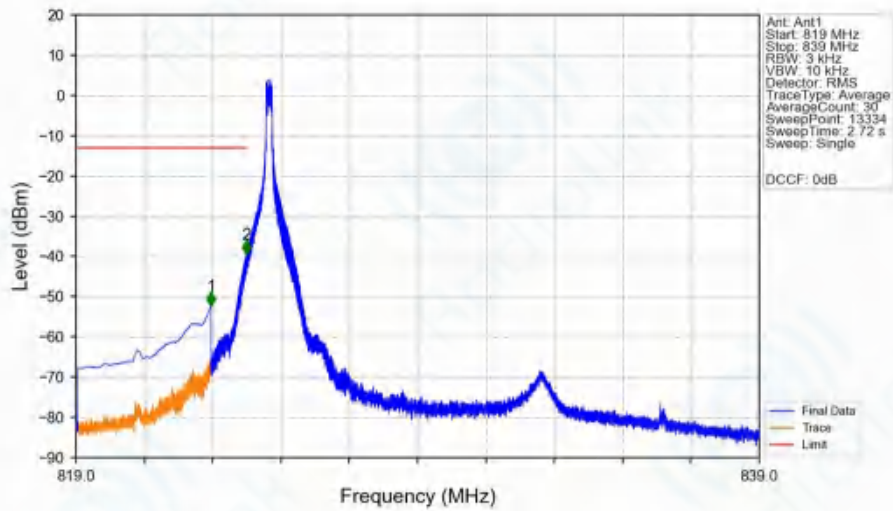
n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK 831.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_831.5MHz\_Outer\_Full\_Ant1

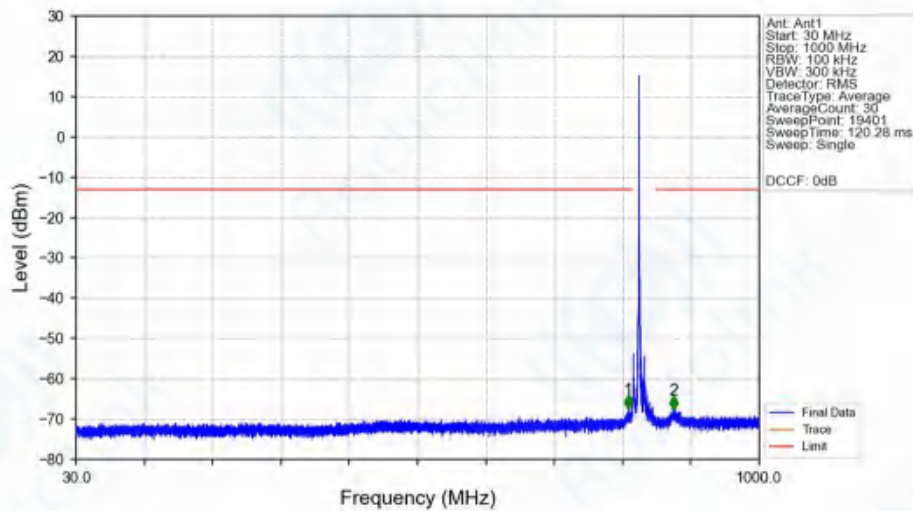


n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK 831.5MHz\_Inner\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.950    | -52.33      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.994    | -39.49      | -13         | Pass   |
| 824         | 839        | 0.003     | /      | /          | /          | /           | /           | /      |

n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK 836.5MHz\_Edge\_1RB\_Left\_Ant1

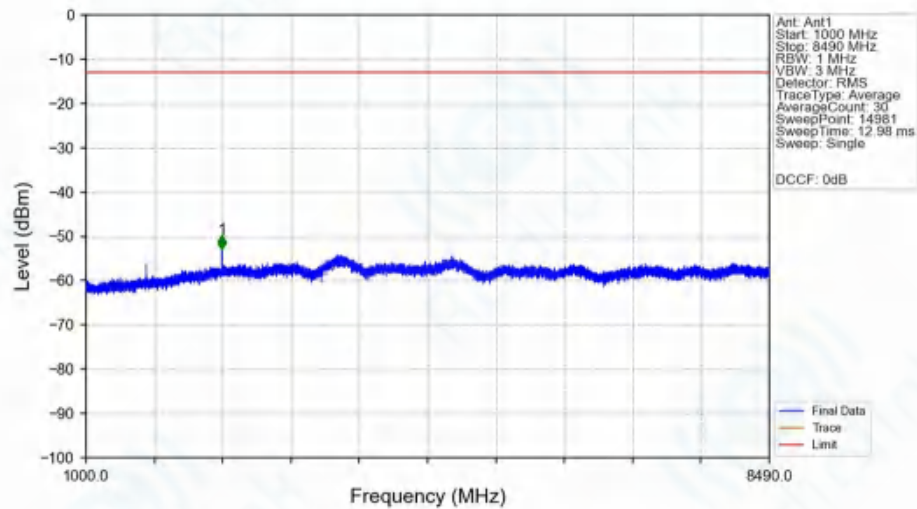


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 813.950    | -67.59      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 878.300    | -67.67      | -13         | Pass   |

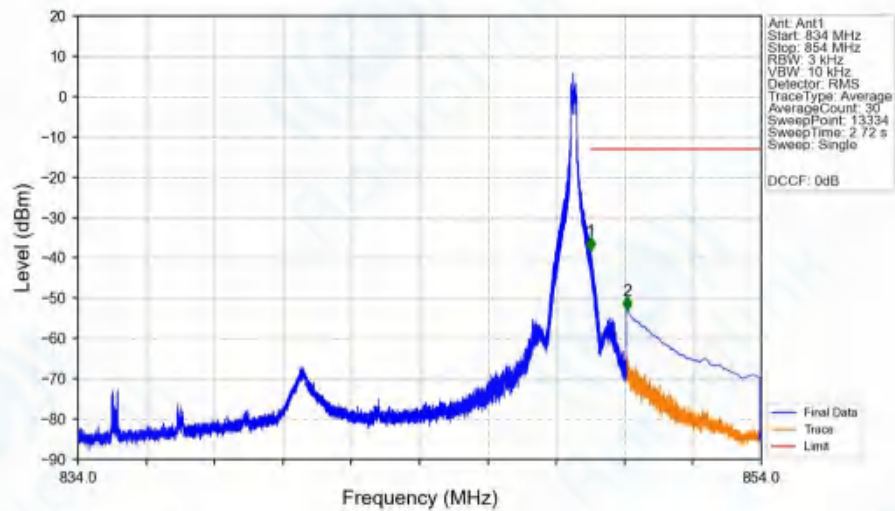
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



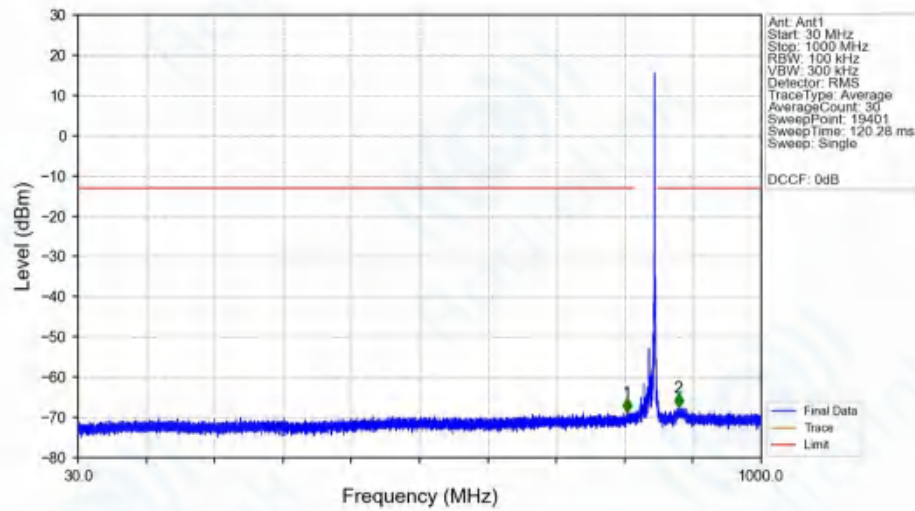
n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1



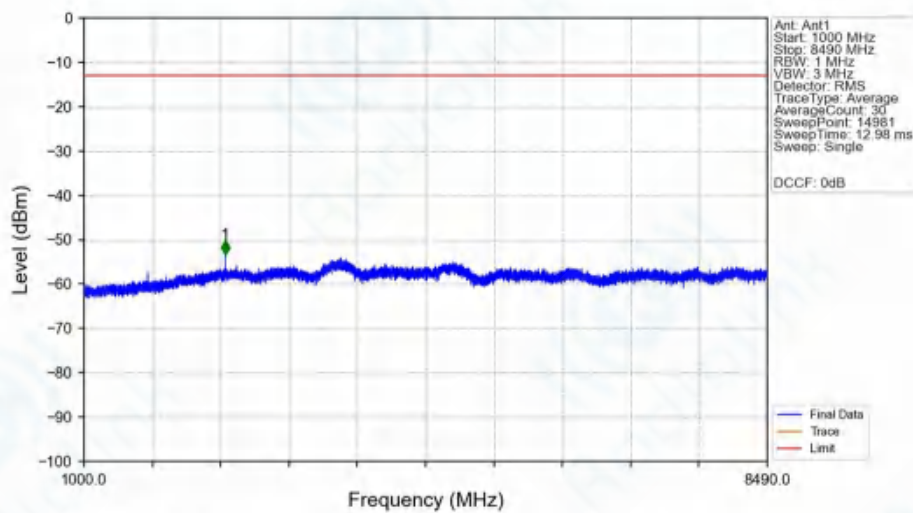
Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
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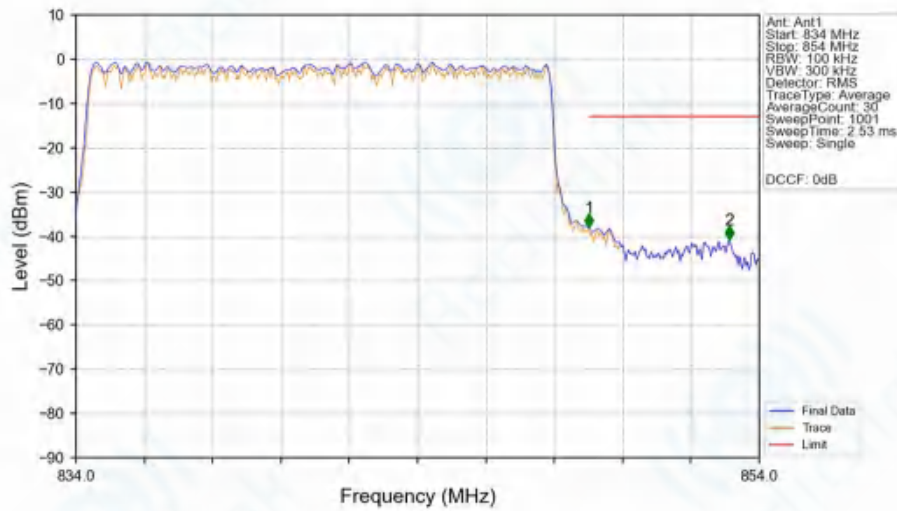
## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1



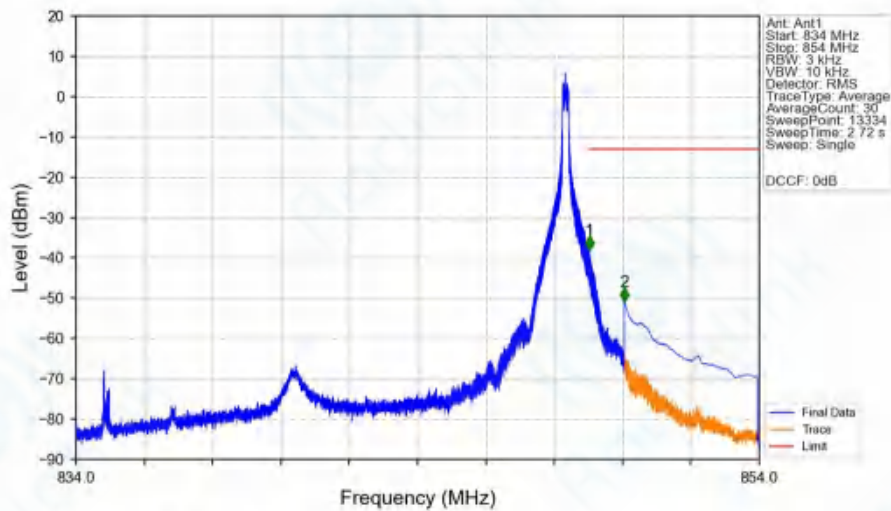
## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1



## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_841.5MHz\_Outer\_Full\_Ant1



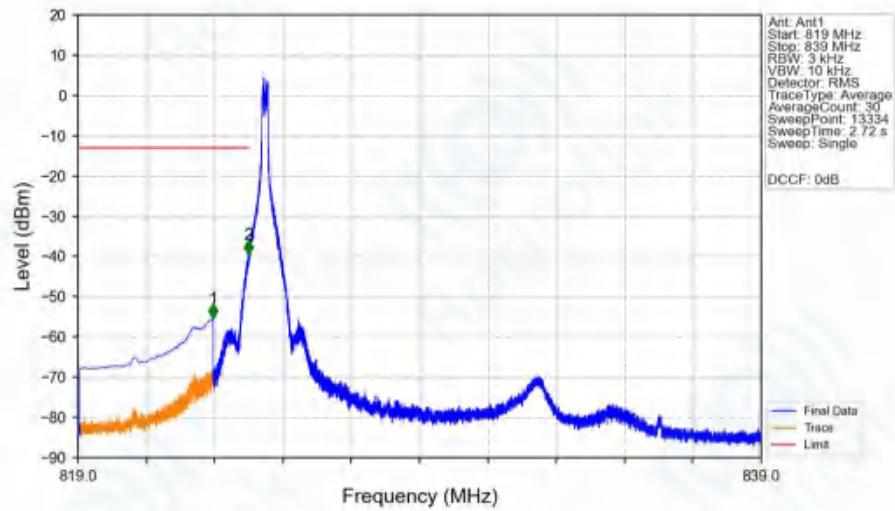
## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_PI/2\_BPSK\_841.5MHz\_Inner\_1RB\_Right\_Ant1



Radiolink Testing (Shenzhen) Co., Ltd.

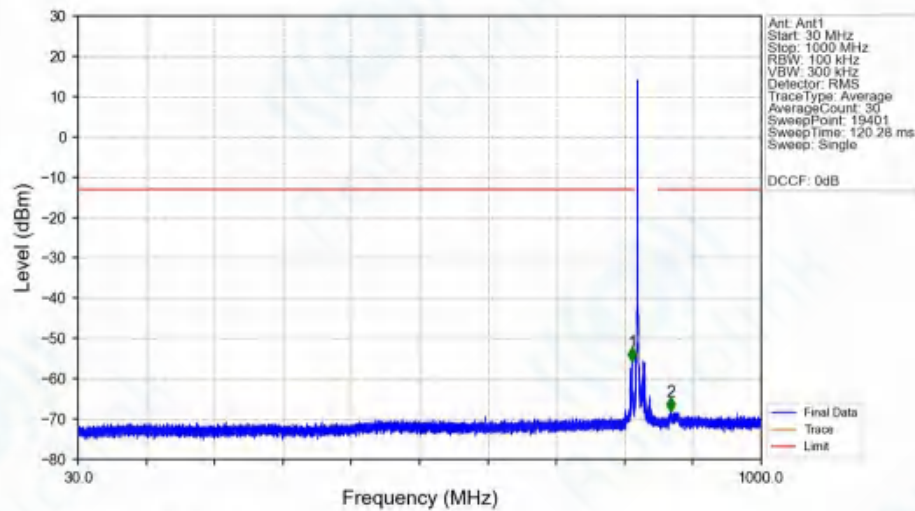
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
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## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.950    | -55.29      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.994    | -39.42      | -13         | Pass   |
| 824         | 839        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1



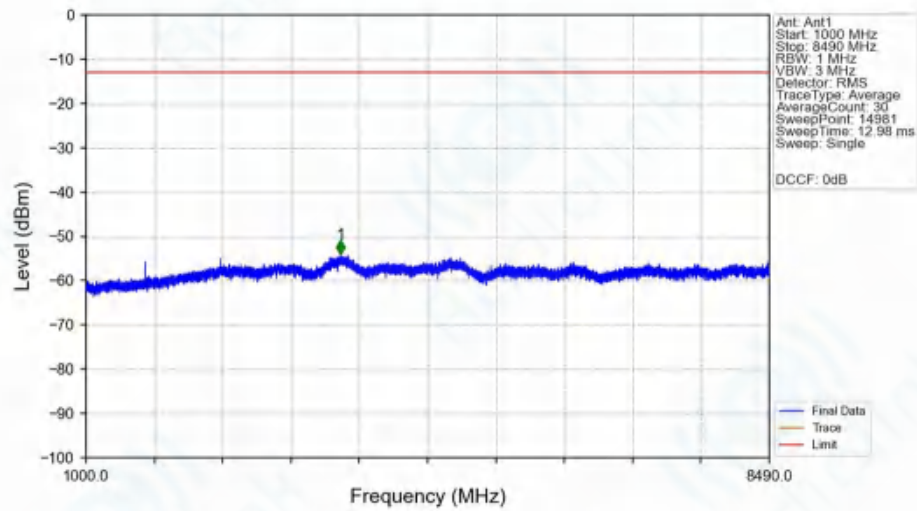
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 816.650    | -55.62      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 871.350    | -68.21      | -13         | Pass   |

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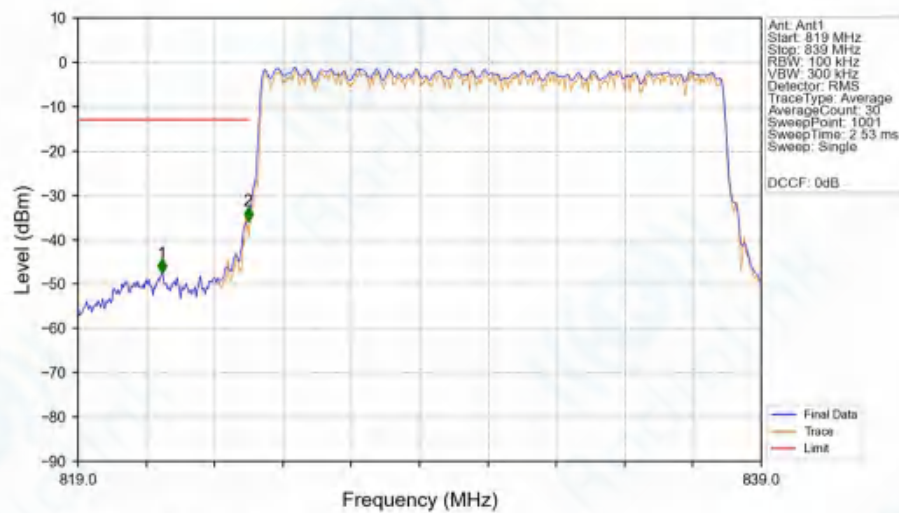
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

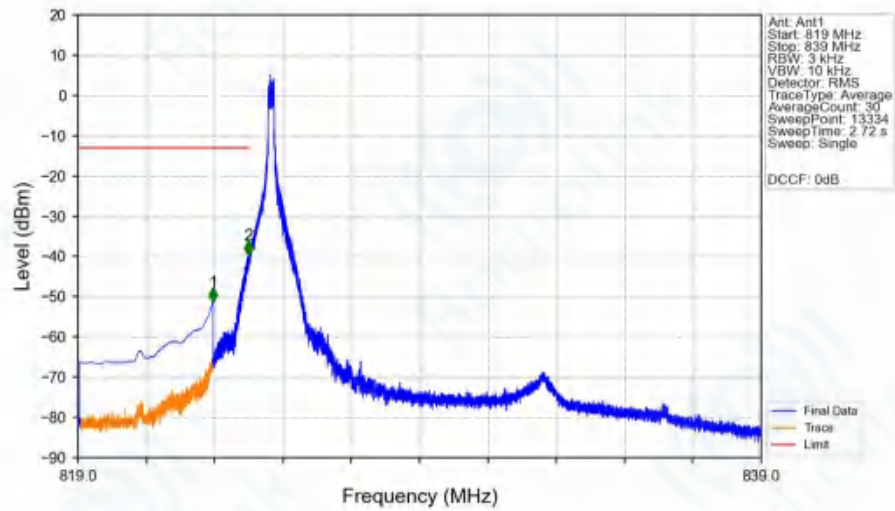
n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_831.5MHz\_Outer\_Full\_Ant1

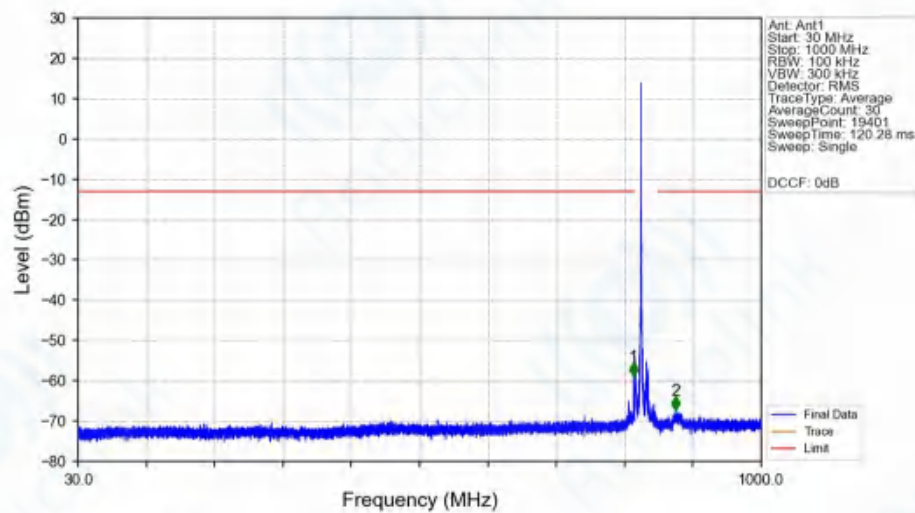


## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_831.5MHz\_Inner\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.950    | -51.36      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.988    | -39.56      | -13         | Pass   |
| 824         | 839        | 0.003     | /      | /          | /          | /           | /           | /      |

## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

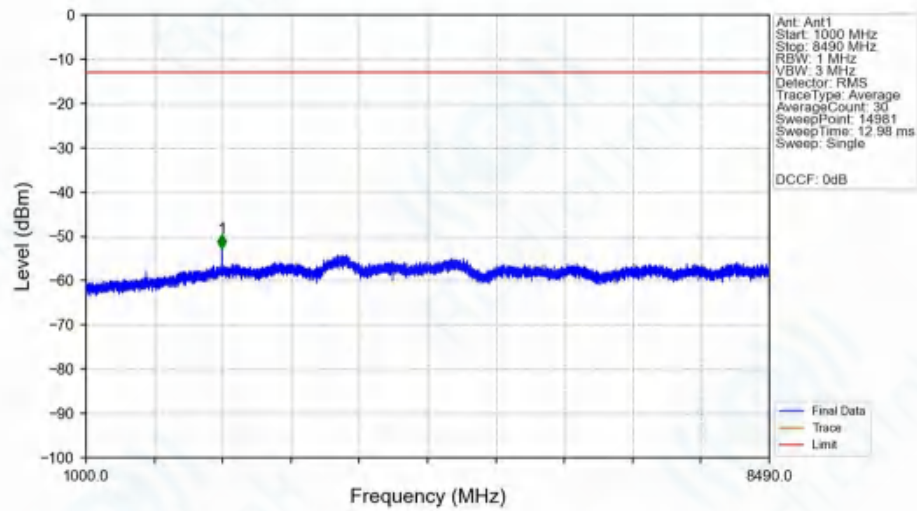


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 818.900    | -58.93      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 878.650    | -67.36      | -13         | Pass   |

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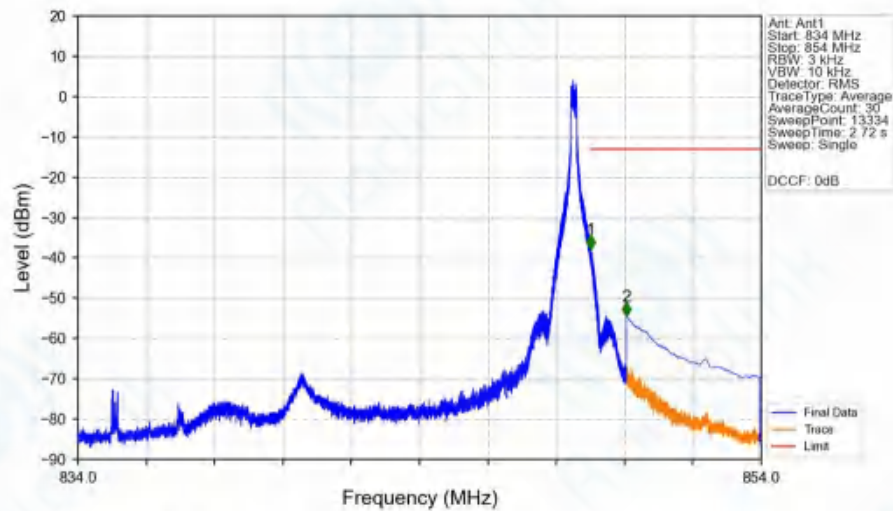
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## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 2489.000   | -52.81      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1

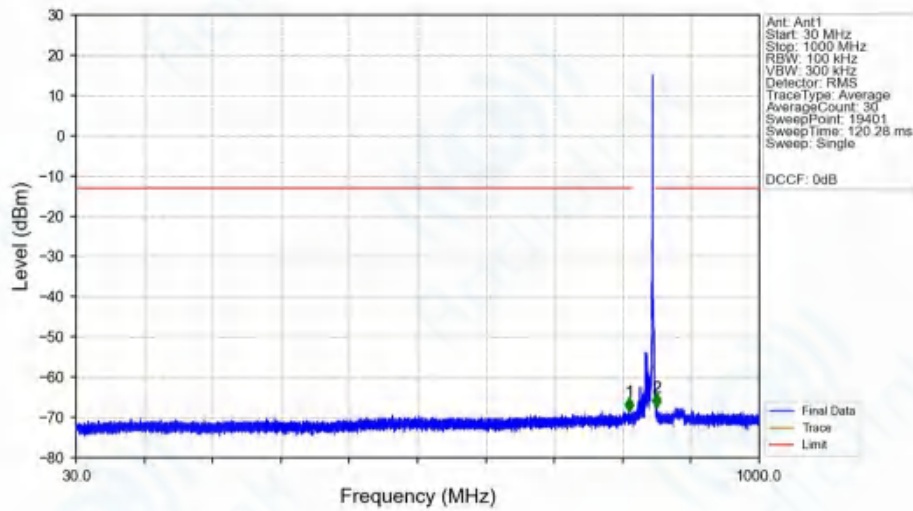


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.008    | -37.80      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.050    | -54.40      | -13         | Pass   |

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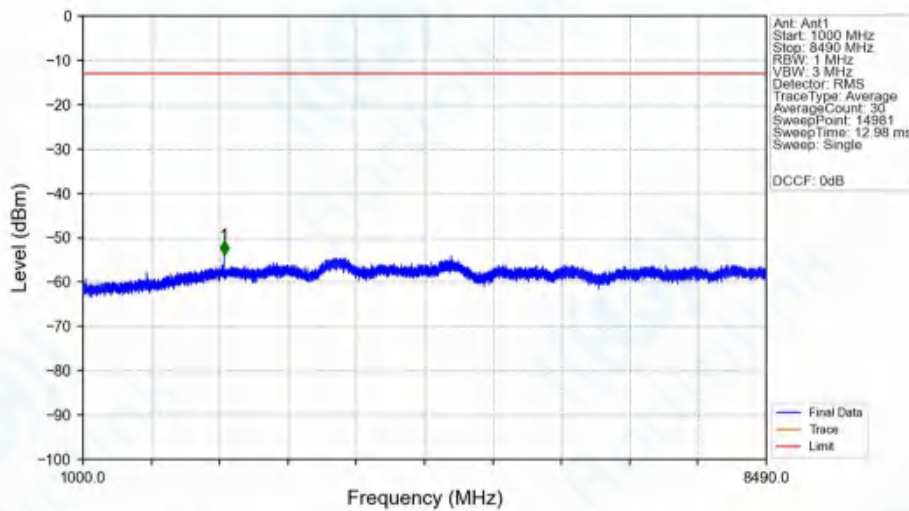
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n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1



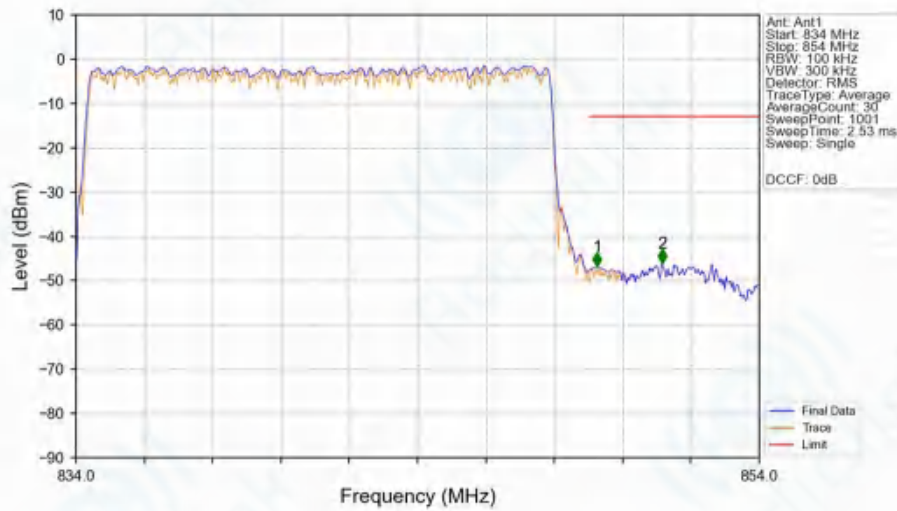
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 815.750    | -68.49      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 854.250    | -67.43      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1



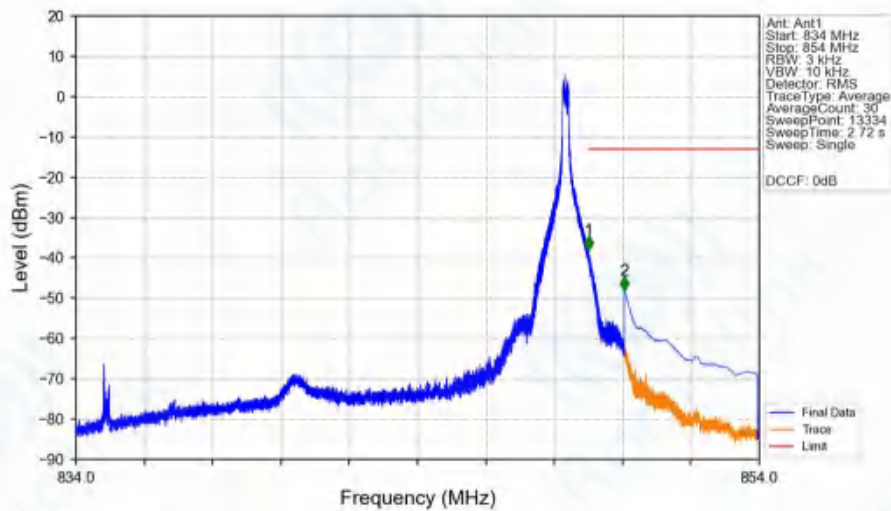
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 2546.000   | -53.79      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_841.5MHz\_Outer\_Full\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834         | 849        | 0.14368   | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.14368   | CHP    | 1          | 849.260    | -46.79      | -13         | Pass   |
| 850         | 854        | 0.1       | /      | 2          | 851.160    | -46.08      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_841.5MHz\_Inner\_1RB\_Right\_Ant1

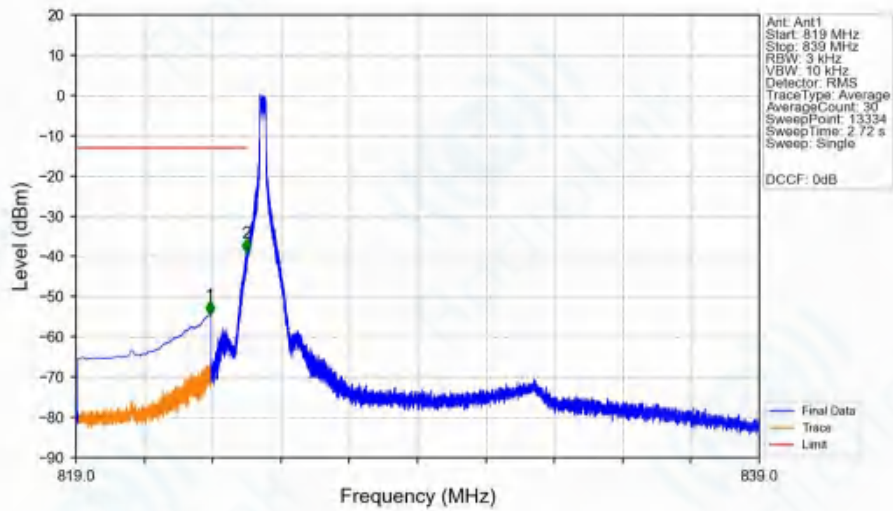


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.008    | -38.05      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.050    | -47.99      | -13         | Pass   |

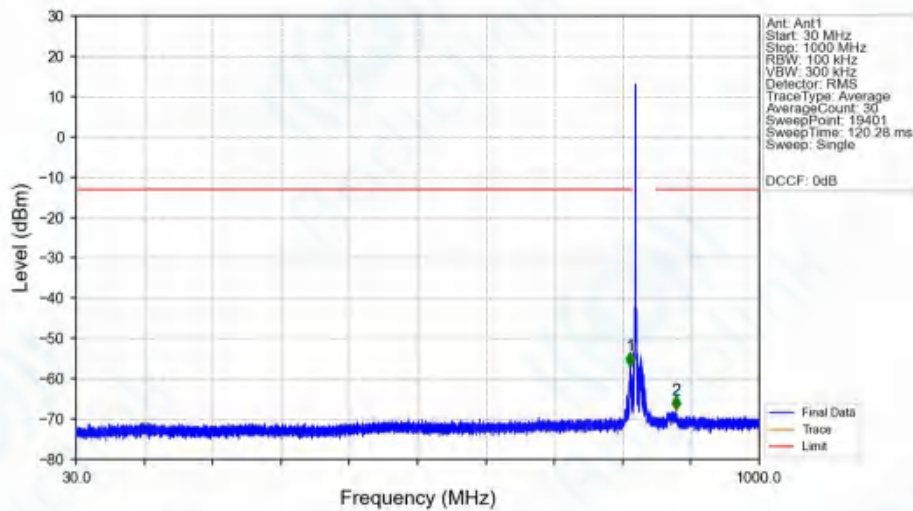
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n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1

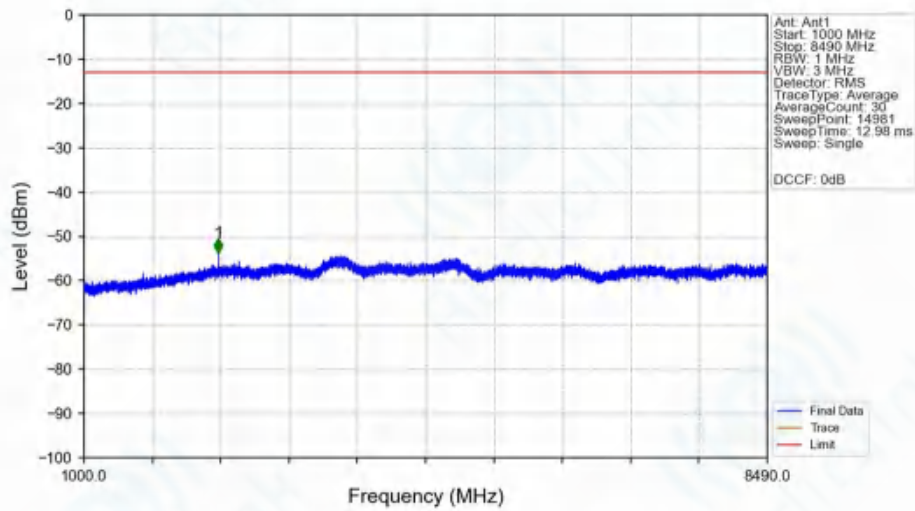


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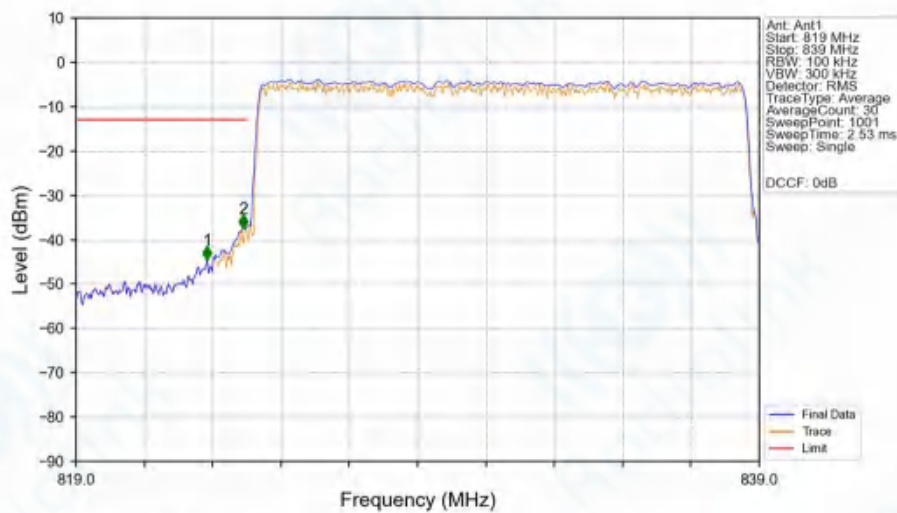
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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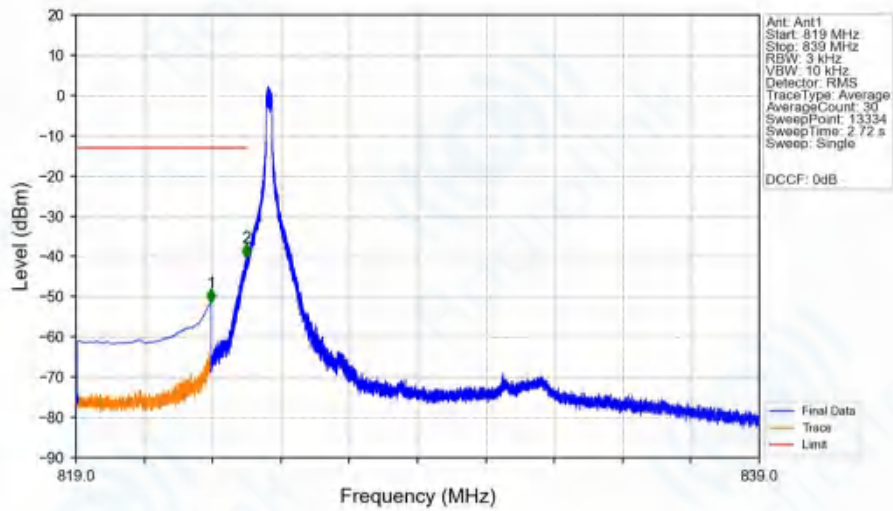
## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_831.5MHz\_Edge\_1RB\_Left\_Ant1



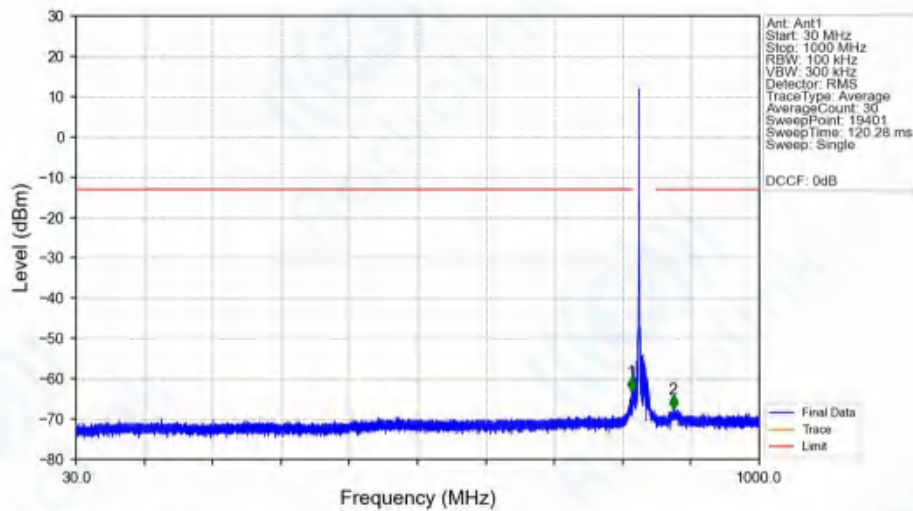
## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_831.5MHz\_Outer\_Full\_Ant1



## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_831.5MHz\_Inner\_1RB\_Left\_Ant1



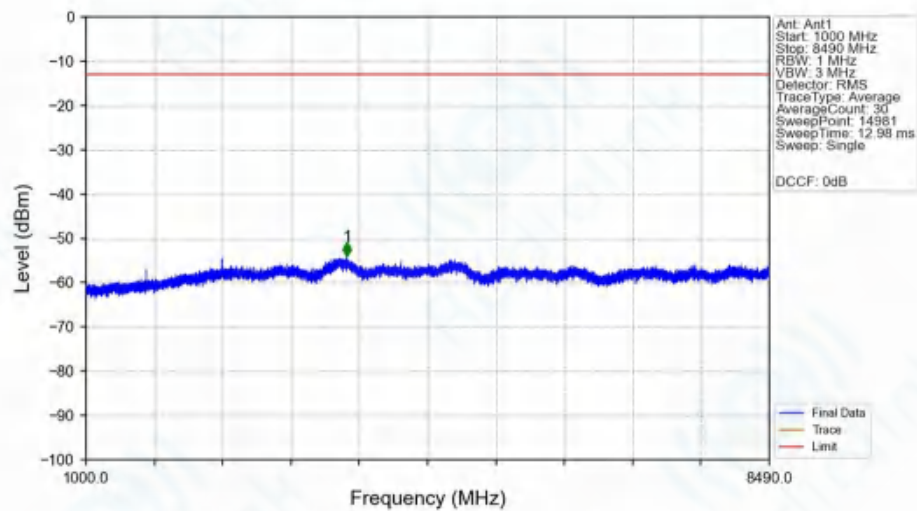
## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



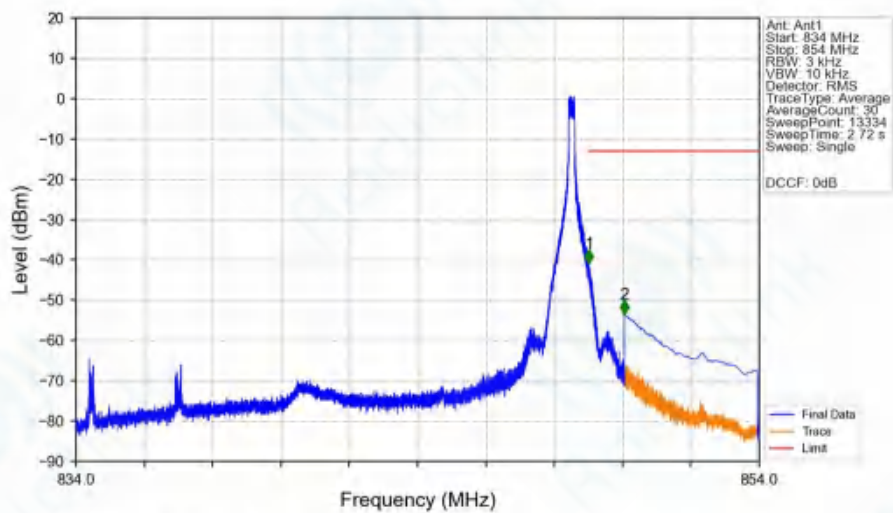
Radiolink Testing (Shenzhen) Co., Ltd.

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Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_841.5MHz\_Edge\_1RB\_Right\_Ant1

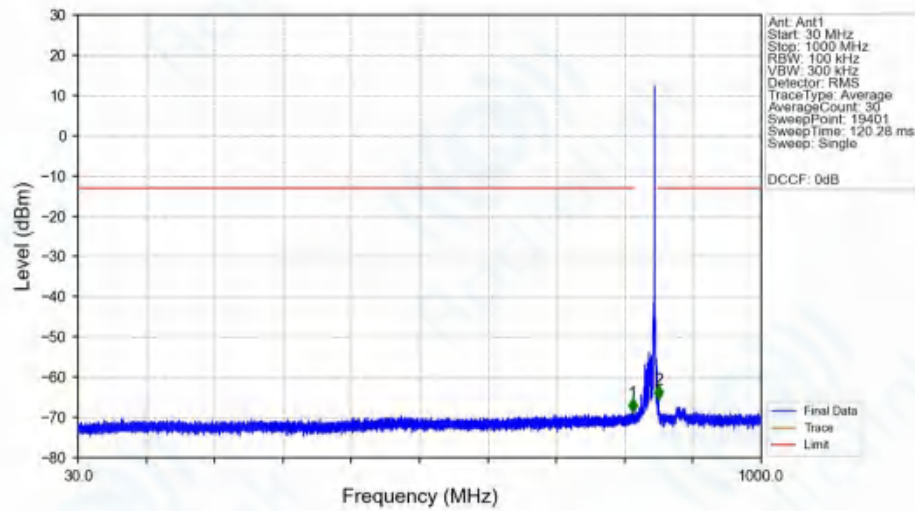


Radiolink Testing (Shenzhen) Co., Ltd.

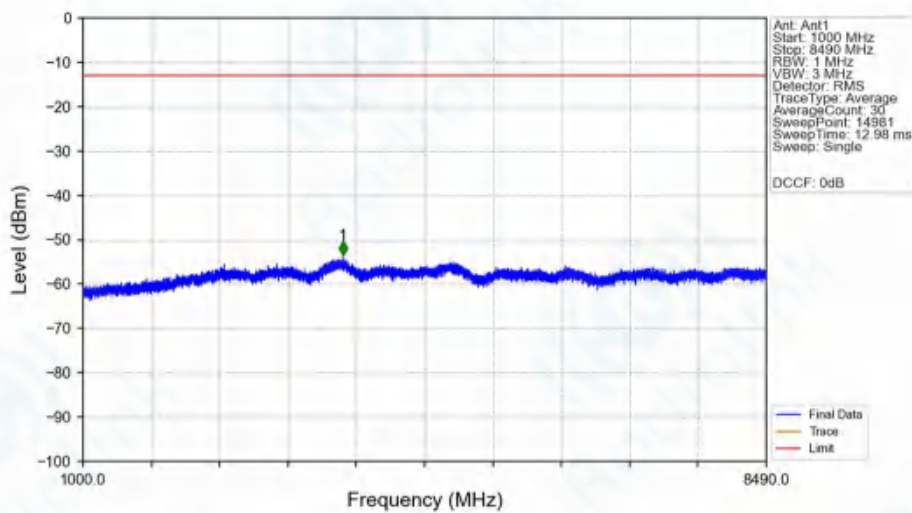
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

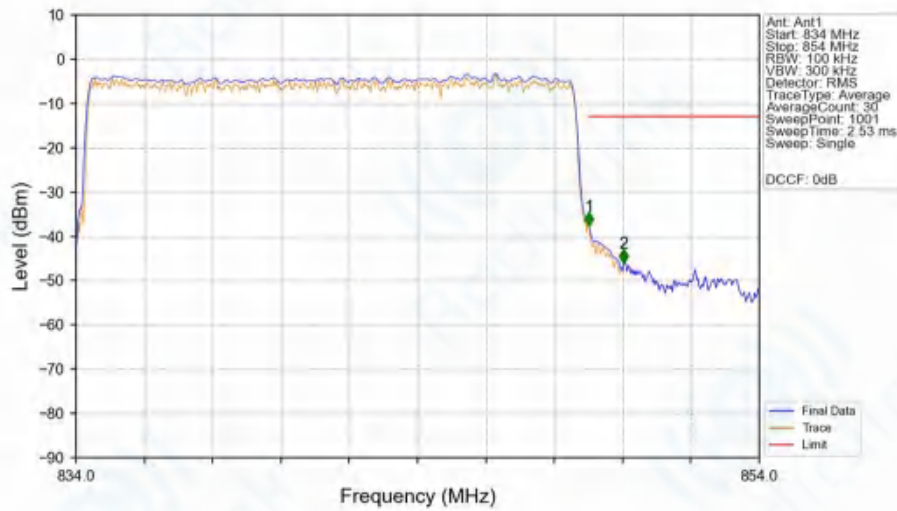
n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM QPSK 841.5MHz\_Edge\_1RB\_Right\_Ant1



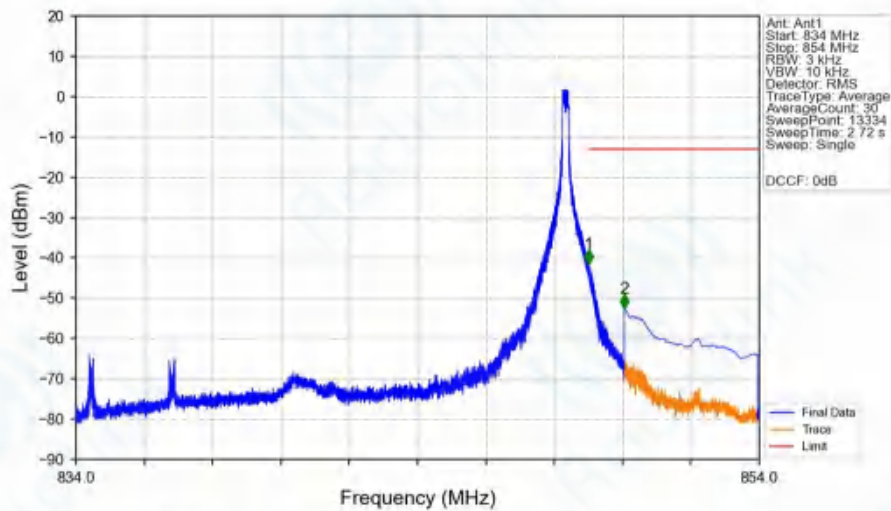
n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM QPSK 841.5MHz\_Edge\_1RB\_Right\_Ant1



## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_841.5MHz\_Outer\_Full\_Ant1



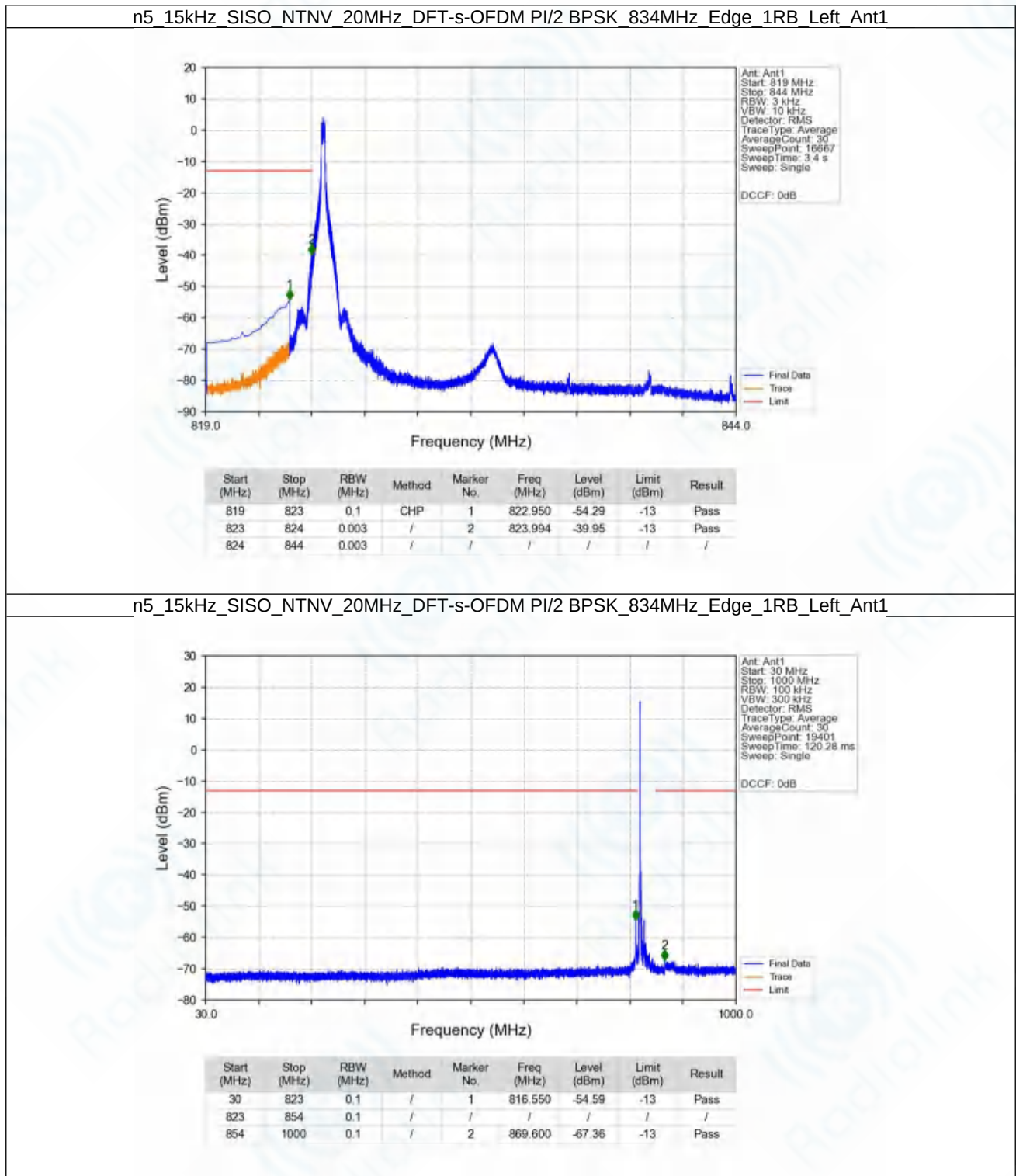
## n5\_15kHz\_SISO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_841.5MHz\_Inner\_1RB\_Right\_Ant1



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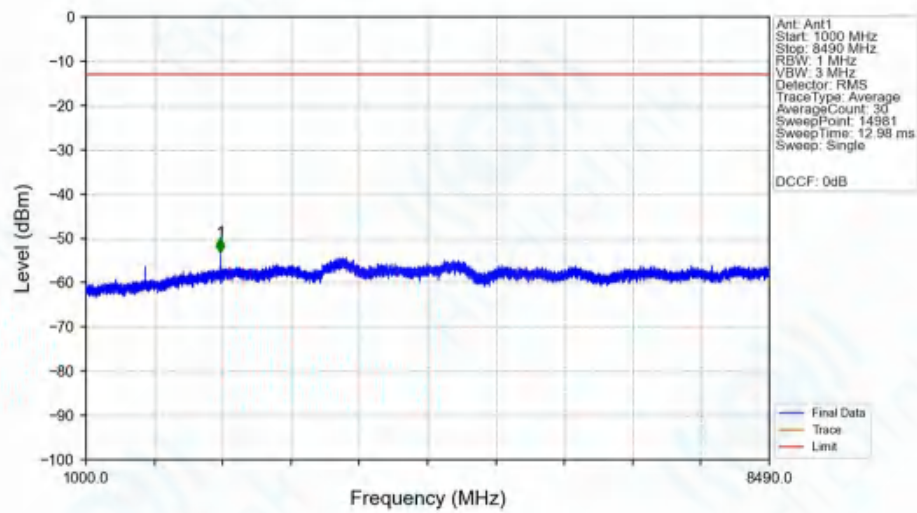
### 5.2.4 15\_S\_20M\_NTNV



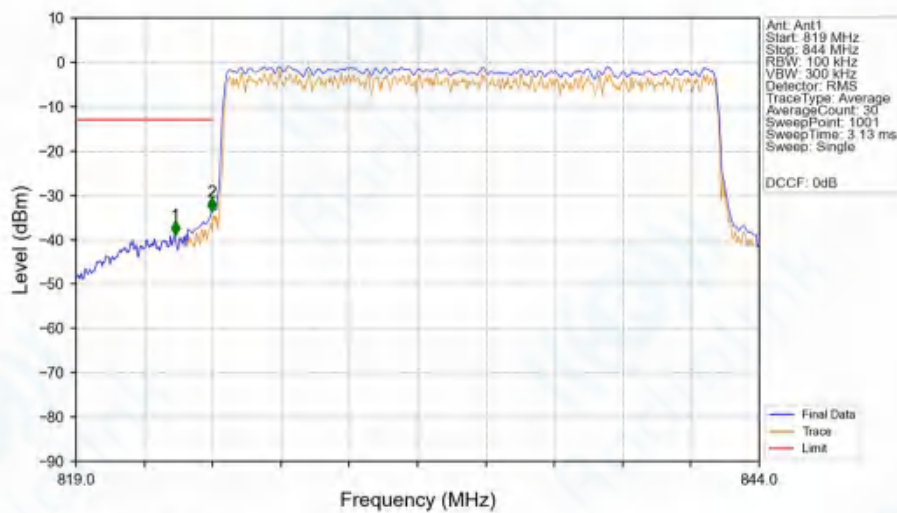
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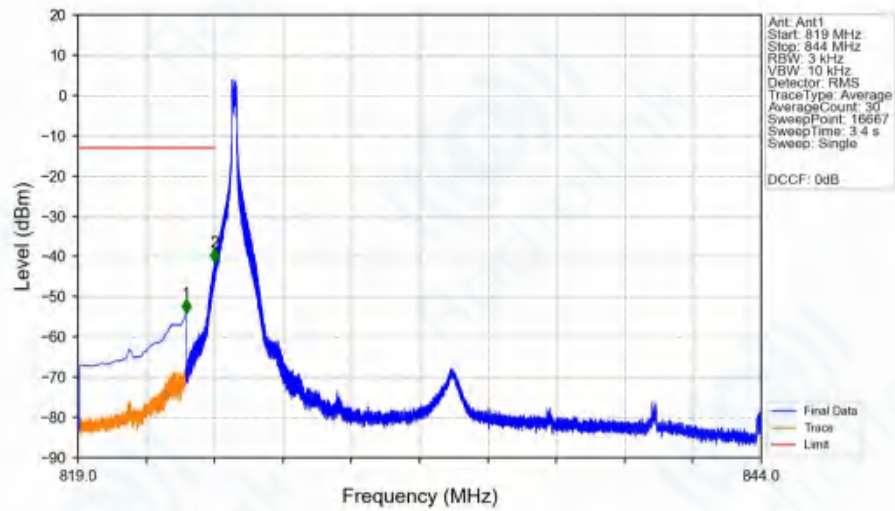
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_834MHz\_Edge\_1RB\_Left\_Ant1



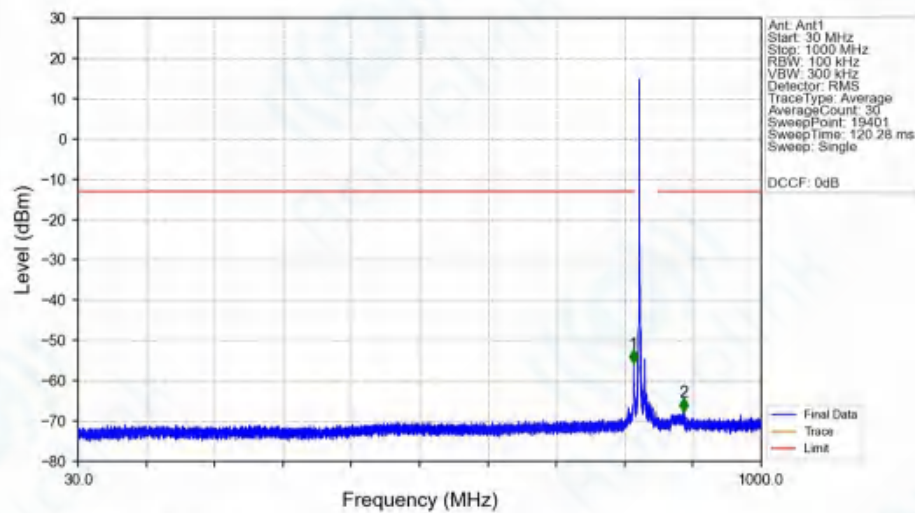
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_834MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_834MHz\_Inner\_1RB\_Left\_Ant1



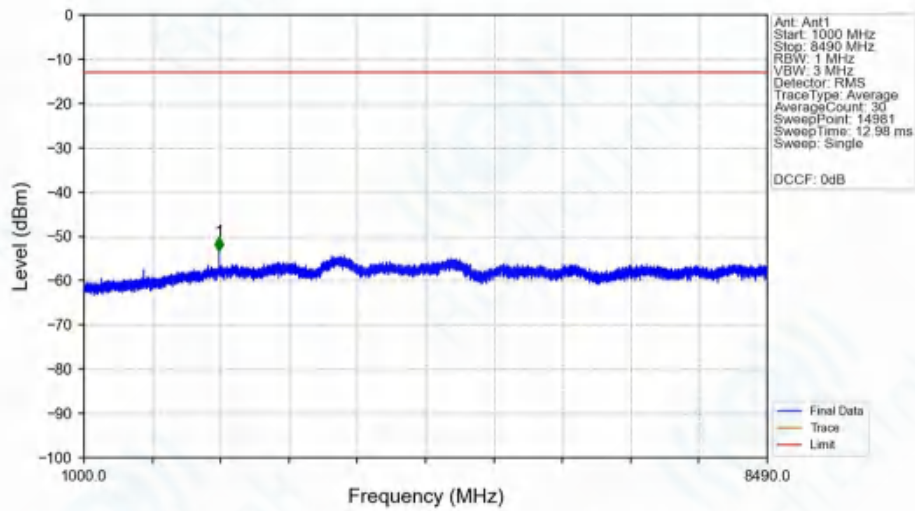
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



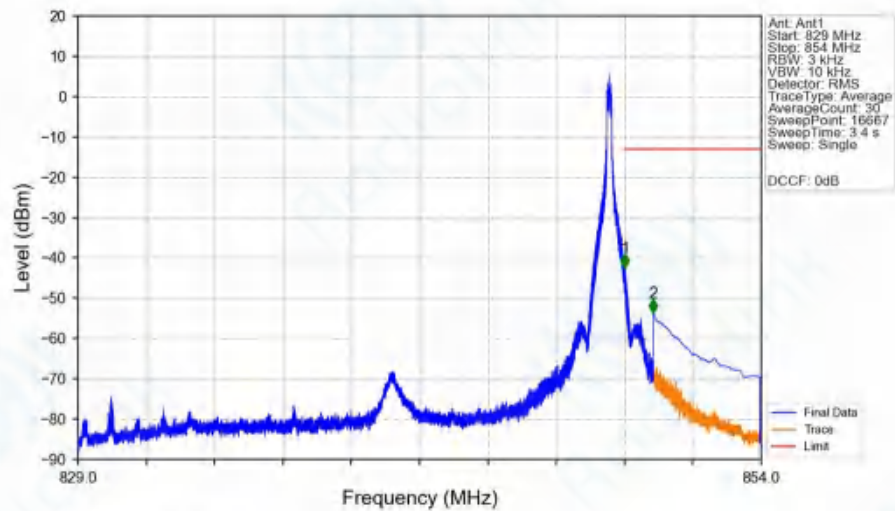
Radiolink Testing (Shenzhen) Co., Ltd.

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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM PI/2 BPSK 836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM PI/2 BPSK 839MHz\_Edge\_1RB\_Right\_Ant1

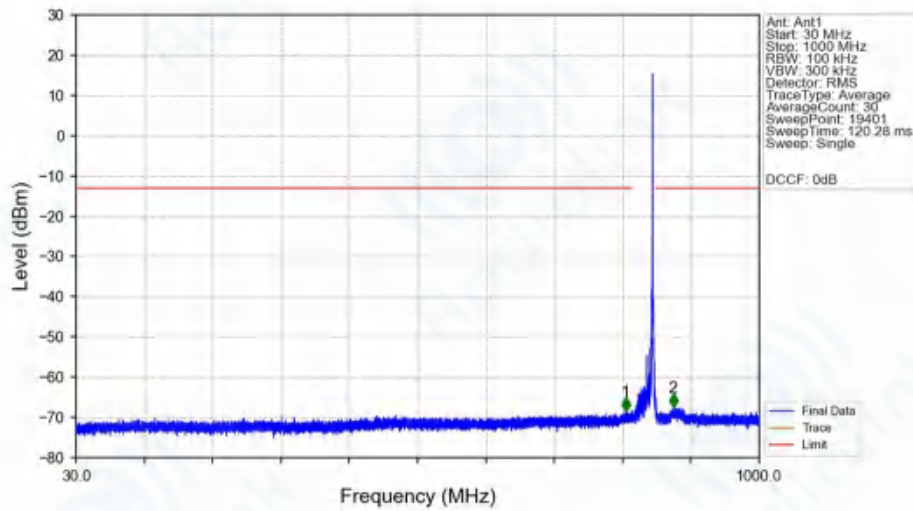


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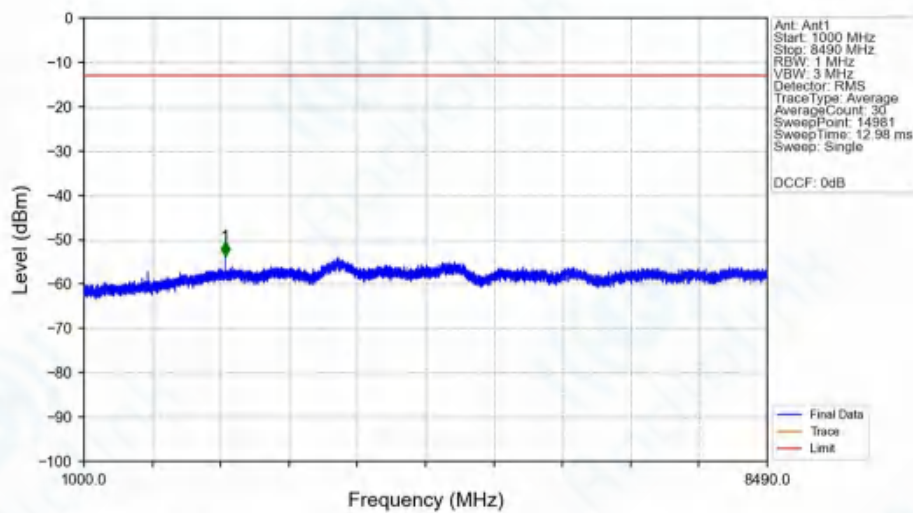
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## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_839MHz\_Edge\_1RB\_Right\_Ant1



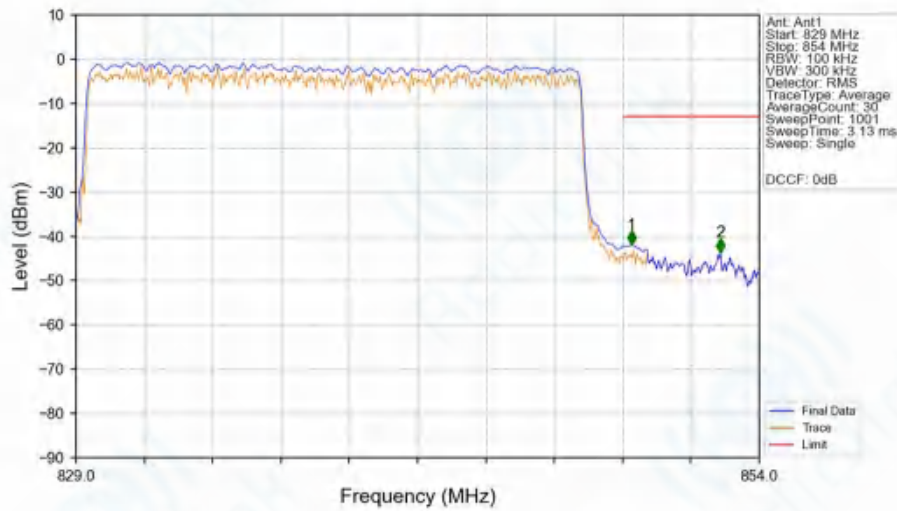
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 810.400    | -68.44      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 877.900    | -67.57      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_839MHz\_Edge\_1RB\_Right\_Ant1

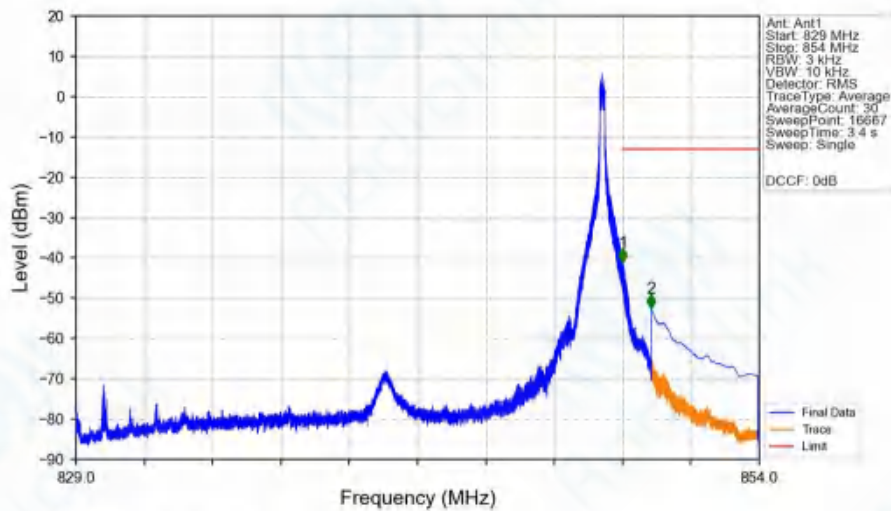


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 2545.500   | -53.60      | -13         | Pass   |

## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_839MHz\_Outer\_Full\_Ant1



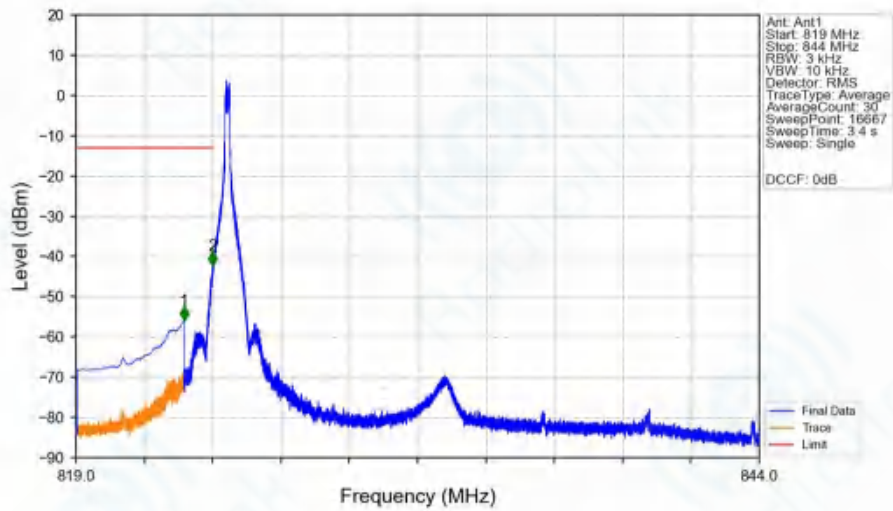
## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_PI/2\_BPSK\_839MHz\_Inner\_1RB\_Right\_Ant1



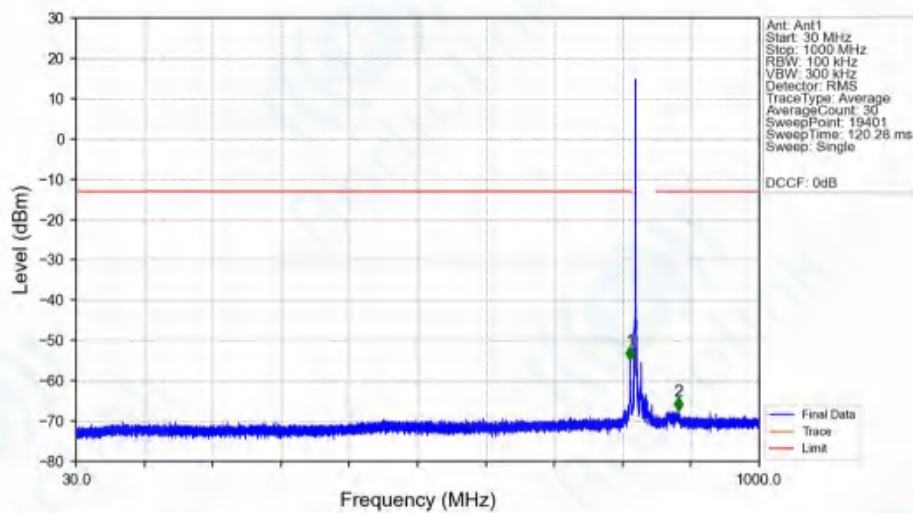
Radiolink Testing (Shenzhen) Co., Ltd.

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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_834MHz\_Edge\_1RB\_Left\_Ant1



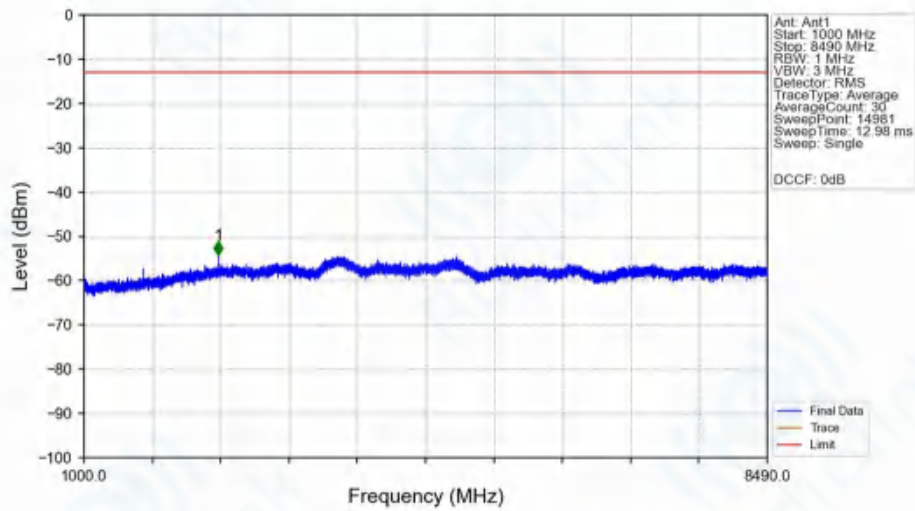
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_834MHz\_Edge\_1RB\_Left\_Ant1



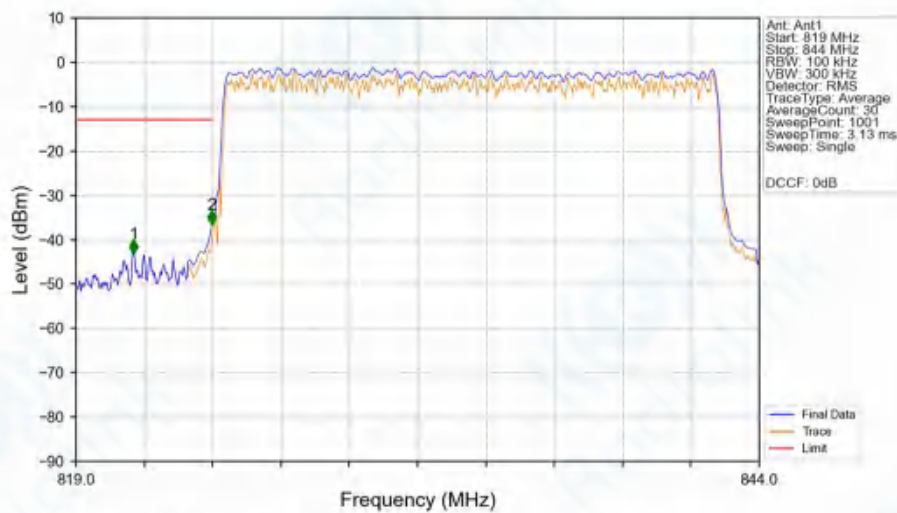
Radiolink Testing (Shenzhen) Co., Ltd.

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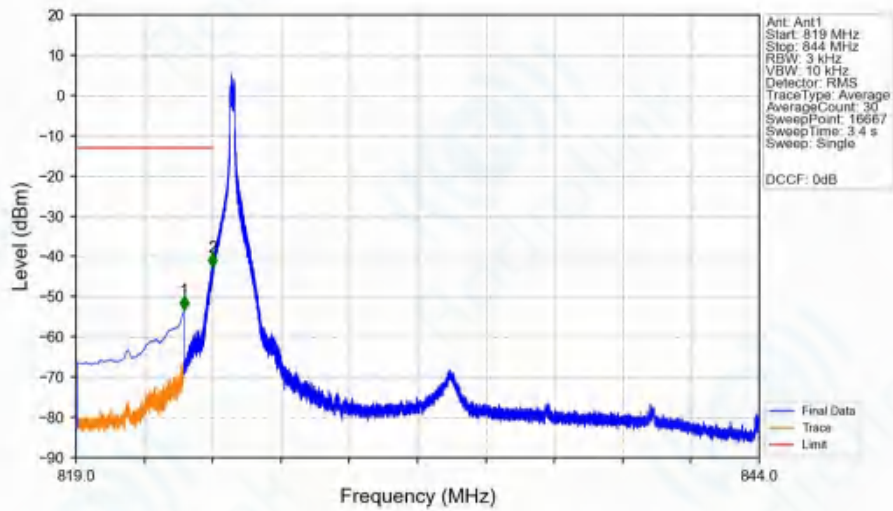
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK 834MHz\_Edge 1RB\_Left\_Ant1



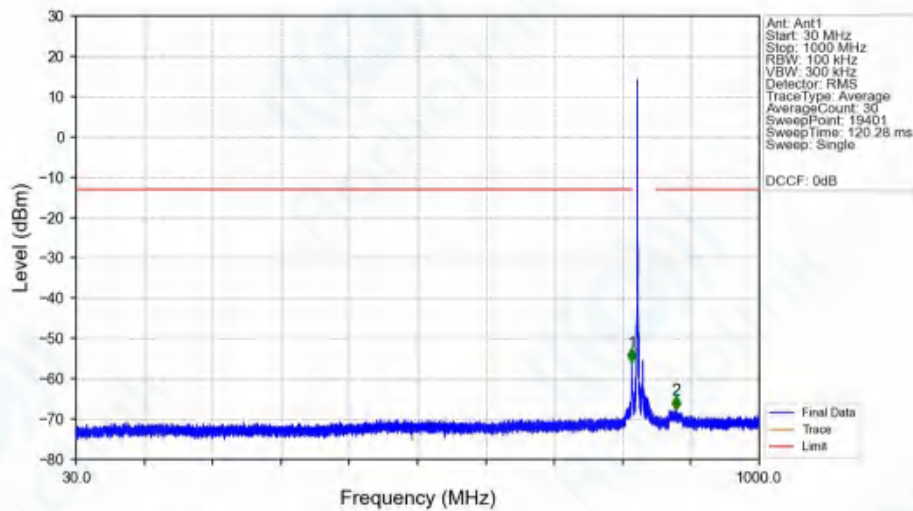
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK 834MHz\_Outer\_Full\_Ant1



## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_834MHz\_Inner\_1RB\_Left\_Ant1



## n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1

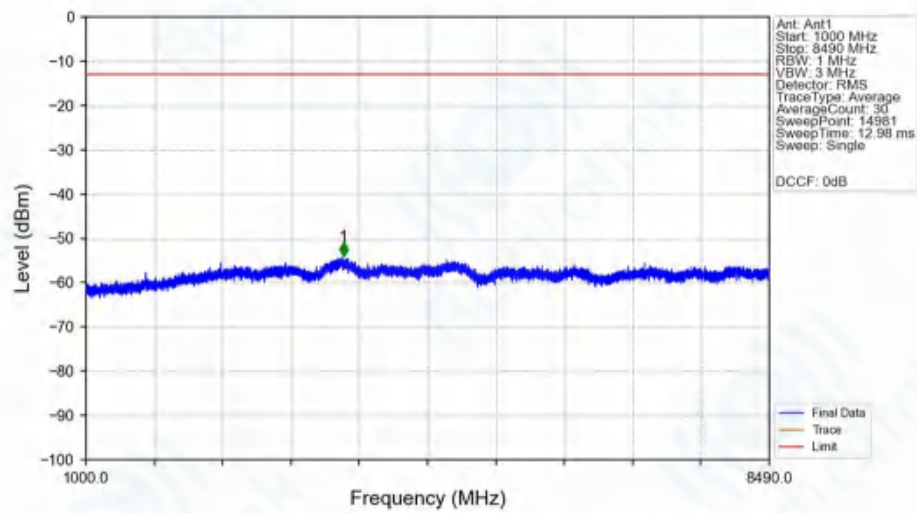


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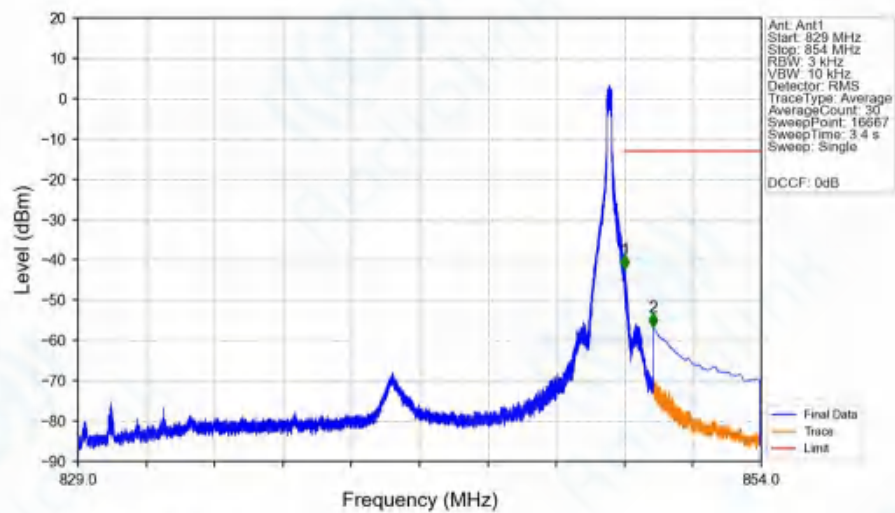
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n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



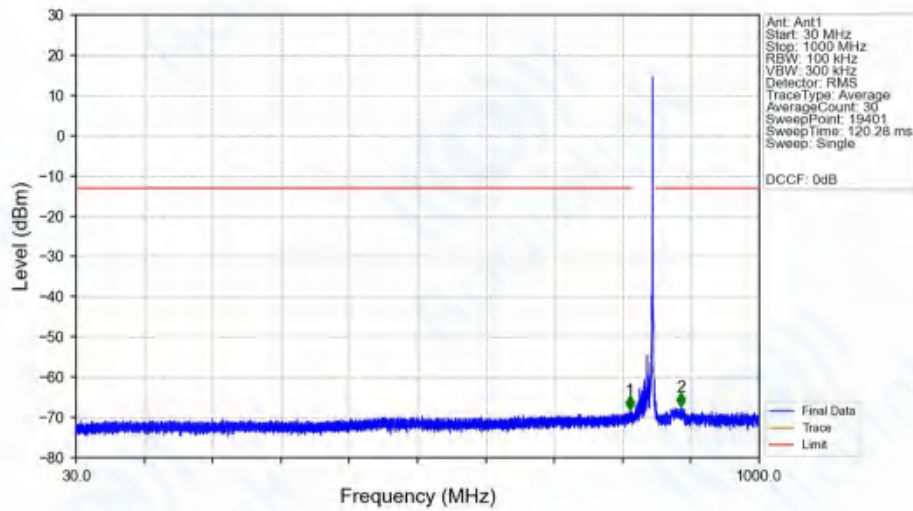
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1



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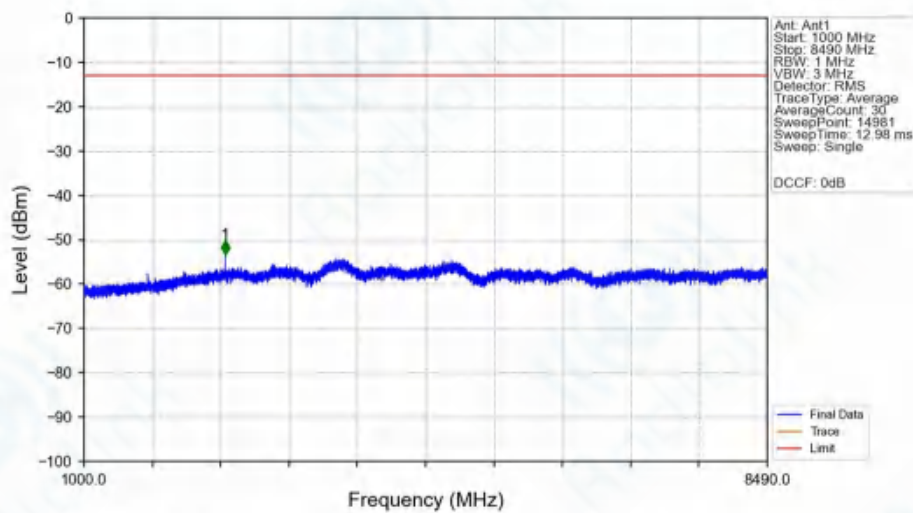
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Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1



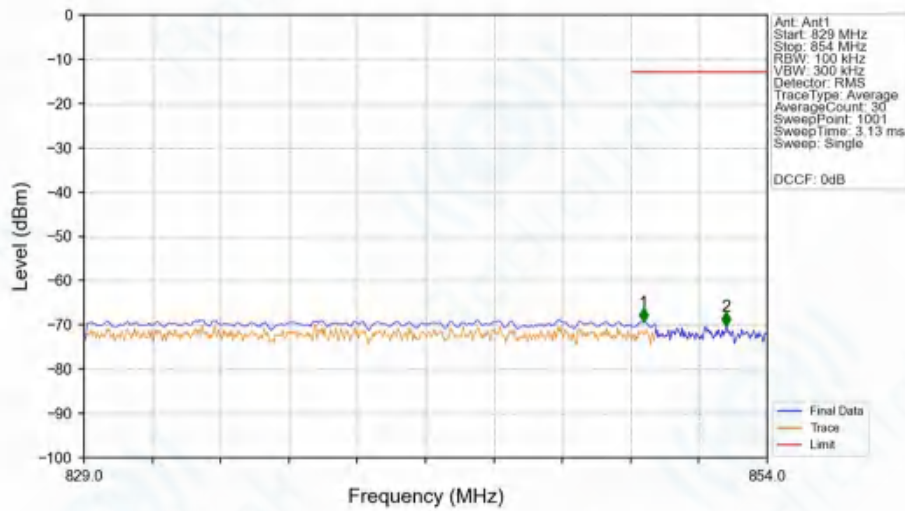
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 816.000    | -68.21      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 889.050    | -67.40      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1

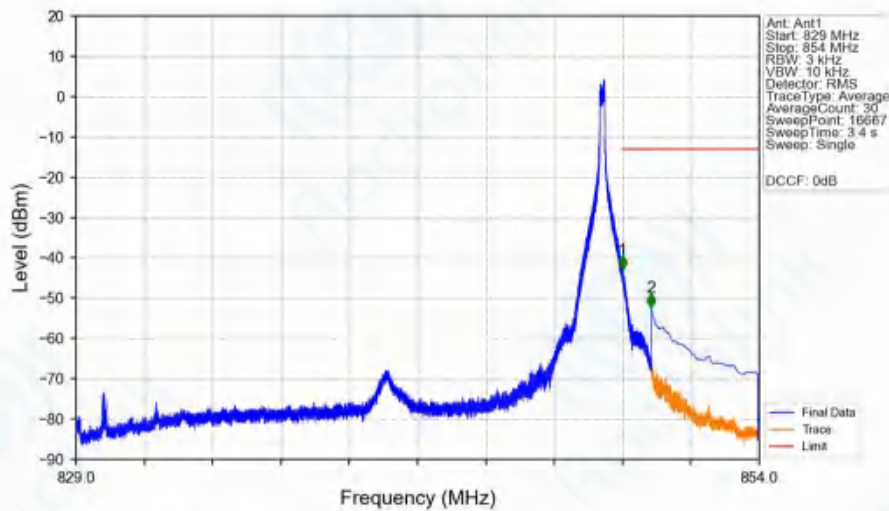


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 2545.500   | -53.25      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Outer\_Full\_Ant1



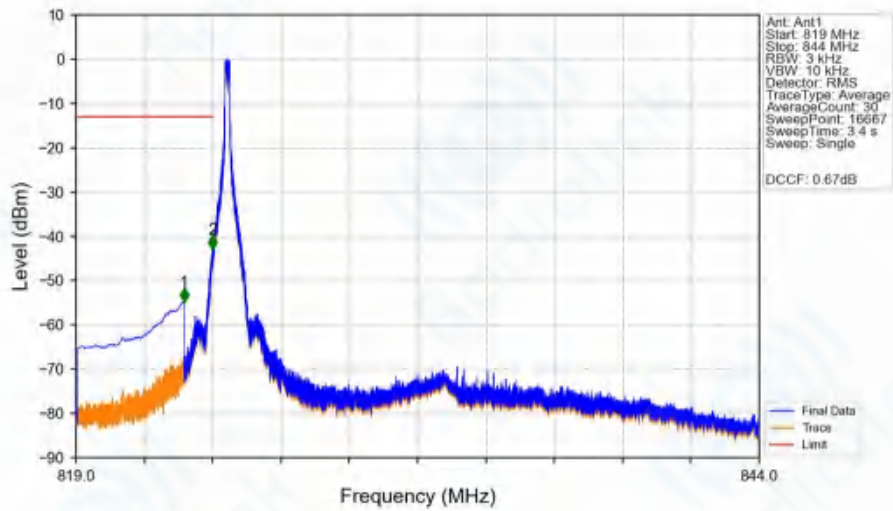
n5\_15kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_839MHz\_Inner\_1RB\_Right\_Ant1



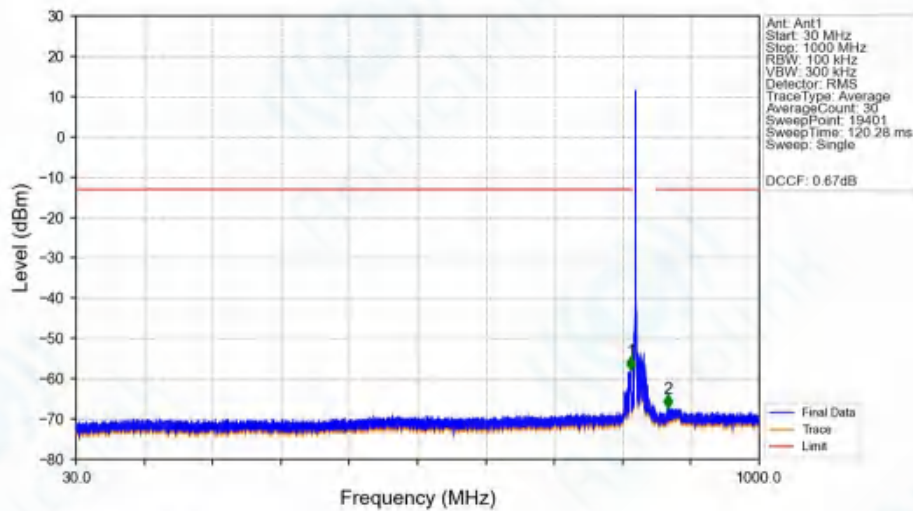
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## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_834MHz\_Edge\_1RB\_Left\_Ant1



## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_834MHz\_Edge\_1RB\_Left\_Ant1

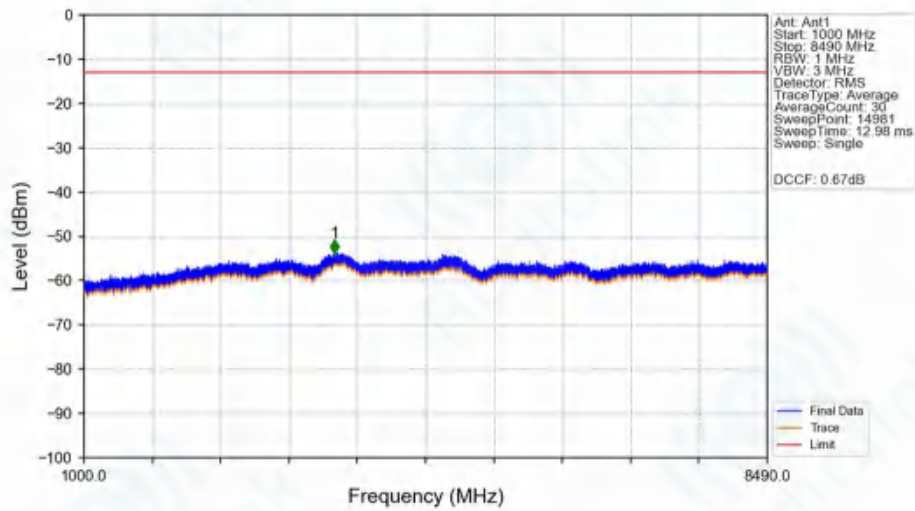


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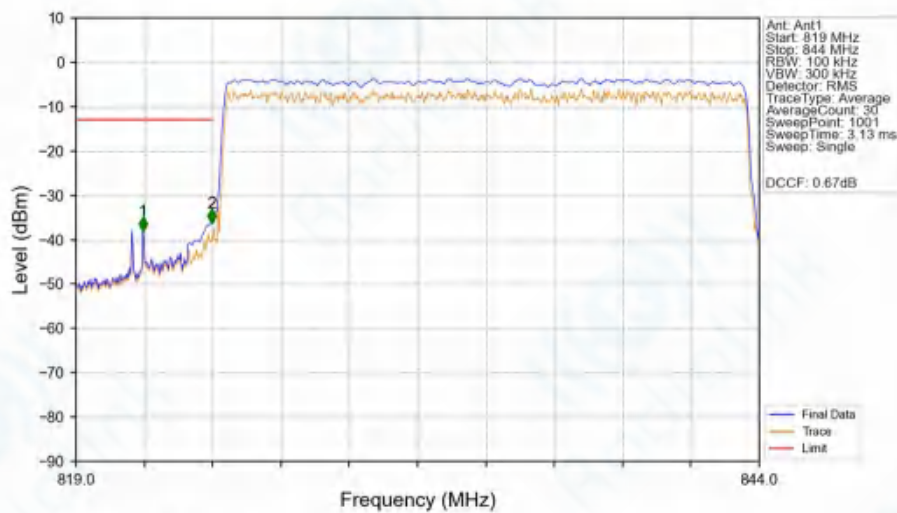
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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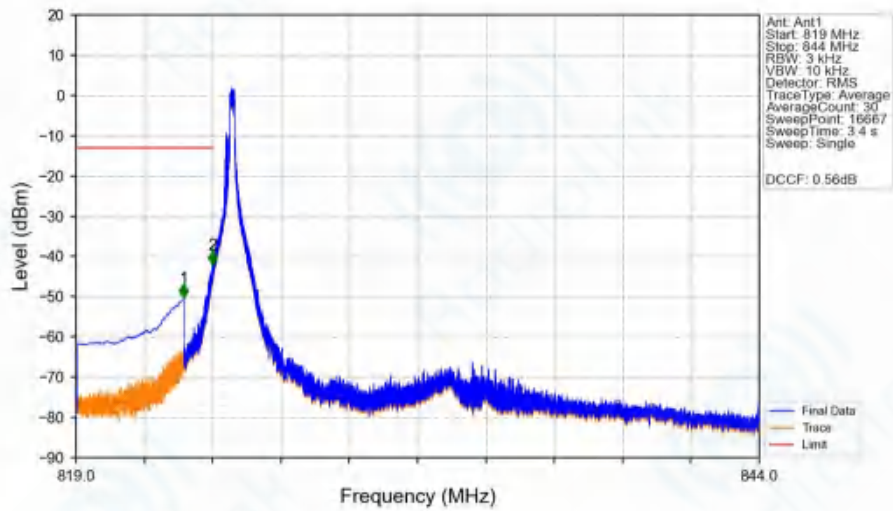
## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK 834MHz\_Edge 1RB\_Left\_Ant1



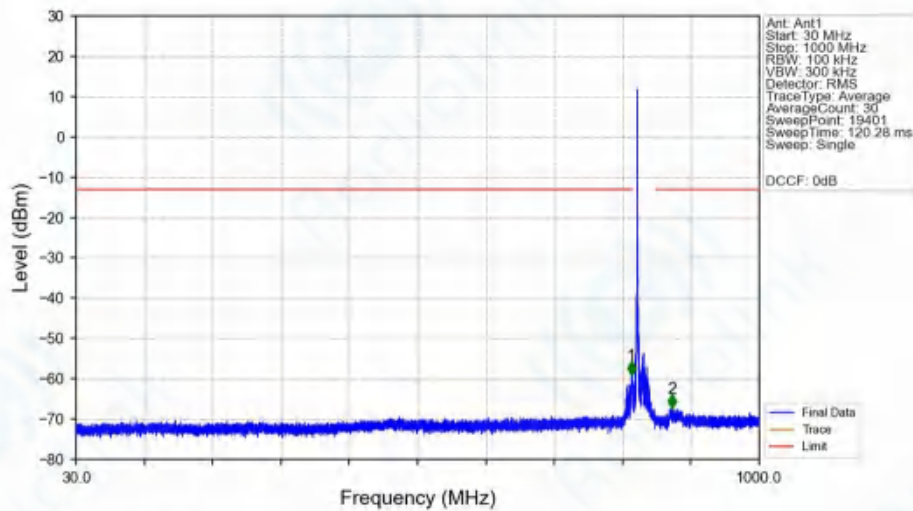
## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK 834MHz\_Outer\_Full\_Ant1



## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_834MHz\_Inner\_1RB\_Left\_Ant1



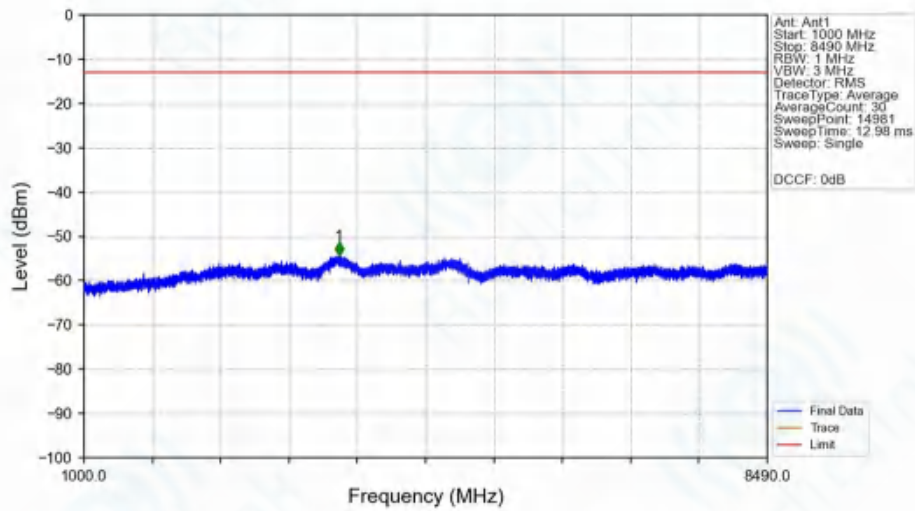
## n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



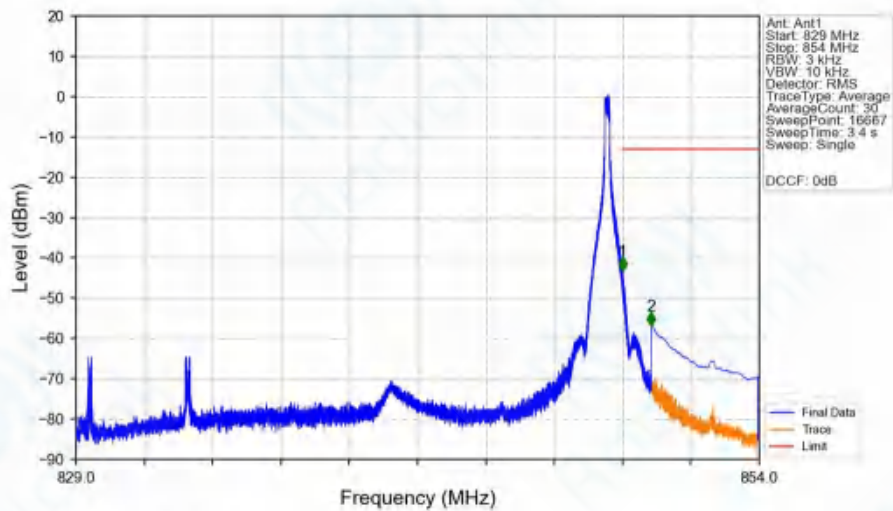
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n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_836.5MHz\_Edge\_1RB\_Left\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1

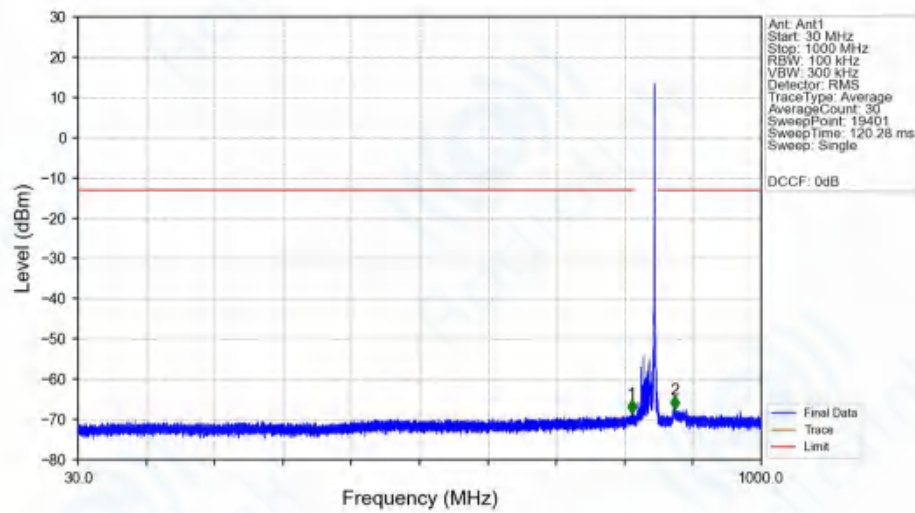


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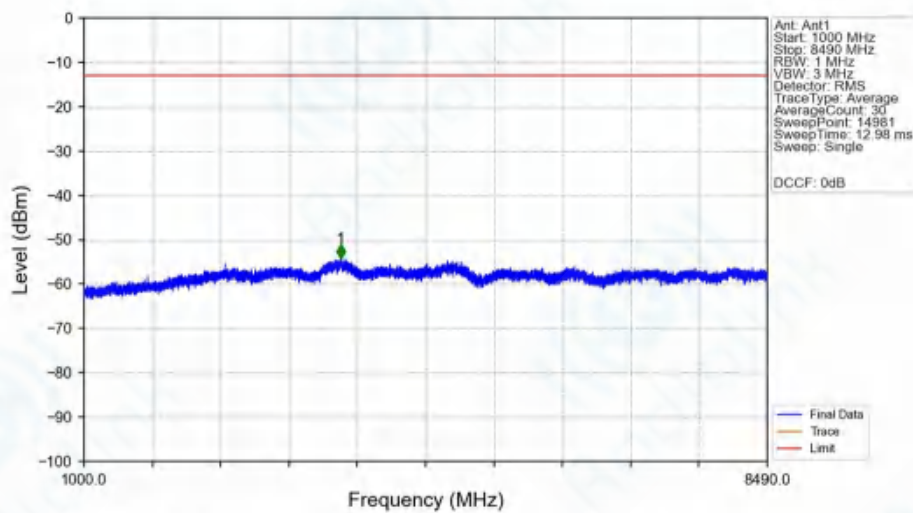
Tel: +86 0755 23080694

n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1



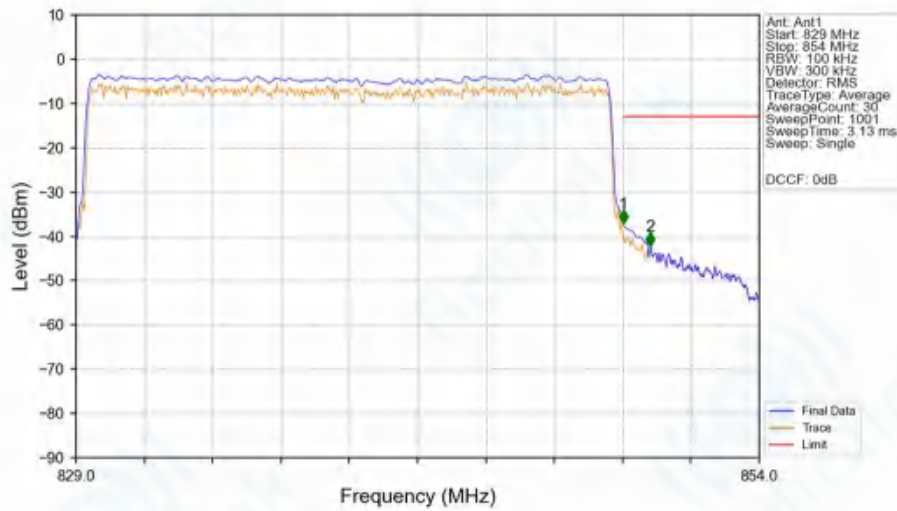
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 823        | 0.1       | /      | 1          | 816.150    | -68.57      | -13         | Pass   |
| 823         | 854        | 0.1       | /      | /          | /          | /           | /           | /      |
| 854         | 1000       | 0.1       | /      | 2          | 877.050    | -67.50      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_839MHz\_Edge\_1RB\_Right\_Ant1

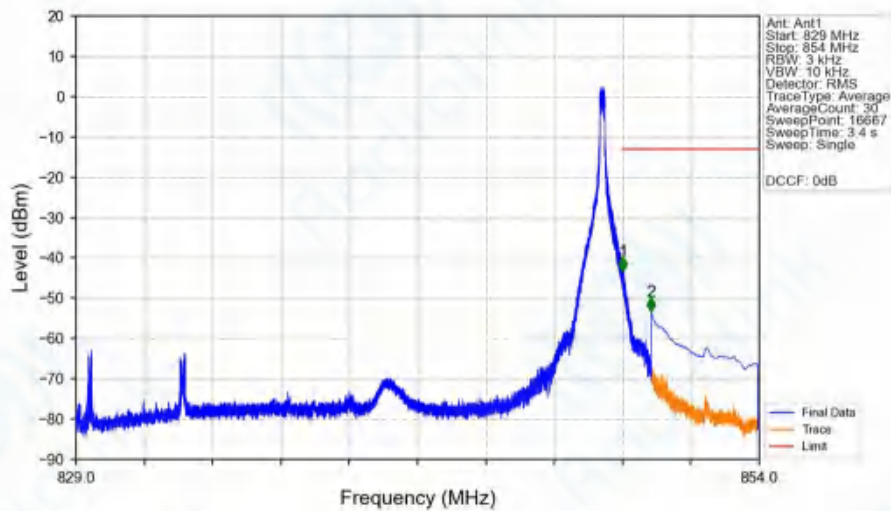


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 8490       | 1         | /      | 1          | 3815.000   | -54.25      | -13         | Pass   |

n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_839MHz\_Outer\_Full\_Ant1



n5\_15kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_839MHz\_Inner\_1RB\_Right\_Ant1



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## 6. Frequency Stability (IC)

### 6.1 Test Result

#### 6.1.1 15\_S\_5M

| 5G NR n5 SCS=15kHz SISO 5MHz |                 |               |            |       |                     |         |            |         |
|------------------------------|-----------------|---------------|------------|-------|---------------------|---------|------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | OBW (FL - FH) (MHz) |         | Limit      | Verdict |
|                              |                 |               |            |       | FL                  | FH      |            |         |
| DFT-s-OFDM PI/2 BPSK         | 836.5           | Outer_Full    | 20         | LV    | 834.189             | 838.811 | 824 to 849 | Pass    |
|                              |                 |               |            | HV    | 834.190             | 838.812 | 824 to 849 | Pass    |
|                              |                 |               | -30        | NV    | 834.190             | 838.813 | 824 to 849 | Pass    |
|                              |                 |               | -20        | NV    | 834.192             | 838.810 | 824 to 849 | Pass    |
|                              |                 |               | -10        | NV    | 834.189             | 838.810 | 824 to 849 | Pass    |
|                              |                 |               | 0          | NV    | 834.193             | 838.815 | 824 to 849 | Pass    |
|                              |                 |               | 10         | NV    | 834.190             | 838.813 | 824 to 849 | Pass    |
|                              |                 |               | 20         | NV    | 834.190             | 838.811 | 824 to 849 | Pass    |
|                              |                 |               | 30         | NV    | 834.193             | 838.805 | 824 to 849 | Pass    |
|                              |                 |               | 40         | NV    | 834.190             | 838.810 | 824 to 849 | Pass    |
| DFT-s-OFDM QPSK              | 836.5           | Outer_Full    | 20         | LV    | 834.226             | 838.810 | 824 to 849 | Pass    |
|                              |                 |               |            | HV    | 834.227             | 838.798 | 824 to 849 | Pass    |
|                              |                 |               | -30        | NV    | 834.227             | 838.811 | 824 to 849 | Pass    |
|                              |                 |               | -20        | NV    | 834.225             | 838.810 | 824 to 849 | Pass    |
|                              |                 |               | -10        | NV    | 834.224             | 838.800 | 824 to 849 | Pass    |
|                              |                 |               | 0          | NV    | 834.227             | 838.809 | 824 to 849 | Pass    |
|                              |                 |               | 10         | NV    | 834.225             | 838.806 | 824 to 849 | Pass    |
|                              |                 |               | 20         | NV    | 834.226             | 838.807 | 824 to 849 | Pass    |
|                              |                 |               | 30         | NV    | 834.226             | 838.808 | 824 to 849 | Pass    |
|                              |                 |               | 40         | NV    | 834.226             | 838.809 | 824 to 849 | Pass    |
| DFT-s-OFDM 16 QAM            | 836.5           | Outer_Full    | 20         | LV    | 834.213             | 838.800 | 824 to 849 | Pass    |
|                              |                 |               |            | HV    | 834.217             | 838.800 | 824 to 849 | Pass    |
|                              |                 |               | -30        | NV    | 834.212             | 838.795 | 824 to 849 | Pass    |
|                              |                 |               | -20        | NV    | 834.210             | 838.798 | 824 to 849 | Pass    |
|                              |                 |               | -10        | NV    | 834.218             | 838.797 | 824 to 849 | Pass    |
|                              |                 |               | 0          | NV    | 834.219             | 838.798 | 824 to 849 | Pass    |
|                              |                 |               | 10         | NV    | 834.212             | 838.792 | 824 to 849 | Pass    |
|                              |                 |               | 20         | NV    | 834.219             | 838.800 | 824 to 849 | Pass    |
|                              |                 |               | 30         | NV    | 834.210             | 838.791 | 824 to 849 | Pass    |
|                              |                 |               | 40         | NV    | 834.215             | 838.794 | 824 to 849 | Pass    |
| DFT-s-OFDM 64 QAM            | 836.5           | Outer_Full    | 20         | LV    | 834.213             | 838.820 | 824 to 849 | Pass    |
|                              |                 |               |            | HV    | 834.215             | 838.823 | 824 to 849 | Pass    |
|                              |                 |               | -30        | NV    | 834.216             | 838.832 | 824 to 849 | Pass    |
|                              |                 |               | -20        | NV    | 834.214             | 838.829 | 824 to 849 | Pass    |
|                              |                 |               | -10        | NV    | 834.214             | 838.828 | 824 to 849 | Pass    |
|                              |                 |               | 0          | NV    | 834.216             | 838.824 | 824 to 849 | Pass    |
|                              |                 |               | 10         | NV    | 834.213             | 838.830 | 824 to 849 | Pass    |
|                              |                 |               | 20         | NV    | 834.214             | 838.830 | 824 to 849 | Pass    |
|                              |                 |               | 30         | NV    | 834.218             | 838.828 | 824 to 849 | Pass    |
|                              |                 |               | 40         | NV    | 834.212             | 838.825 | 824 to 849 | Pass    |
| DFT-s-OFDM 256 QAM           | 836.5           | Outer_Full    | 20         | LV    | 834.196             | 838.814 | 824 to 849 | Pass    |
|                              |                 |               |            | HV    | 834.195             | 838.813 | 824 to 849 | Pass    |
|                              |                 |               | -30        | NV    | 834.201             | 838.812 | 824 to 849 | Pass    |
|                              |                 |               | -20        | NV    | 834.202             | 838.803 | 824 to 849 | Pass    |
|                              |                 |               | -10        | NV    | 834.197             | 838.810 | 824 to 849 | Pass    |
|                              |                 |               | 0          | NV    | 834.206             | 838.813 | 824 to 849 | Pass    |
|                              |                 |               | 10         | NV    | 834.201             | 838.815 | 824 to 849 | Pass    |

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|                 |       |            |     |    |         |         |            |      |
|-----------------|-------|------------|-----|----|---------|---------|------------|------|
|                 |       |            | 20  | NV | 834.207 | 838.812 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 834.203 | 838.803 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 834.202 | 838.811 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 834.199 | 838.809 | 824 to 849 | Pass |
| CP-OFDM QPSK    | 836.5 | Outer_Full | 20  | LV | 834.218 | 838.784 | 824 to 849 | Pass |
|                 |       |            |     | HV | 834.210 | 838.779 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 834.216 | 838.783 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 834.219 | 838.778 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 834.209 | 838.782 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 834.213 | 838.777 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 834.214 | 838.774 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 834.211 | 838.777 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 834.213 | 838.782 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 834.204 | 838.778 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 834.214 | 838.783 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 834.214 | 838.777 | 824 to 849 | Pass |
|                 |       |            |     | HV | 834.213 | 838.775 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 834.216 | 838.765 | 824 to 849 | Pass |
| CP-OFDM 16 QAM  | 836.5 | Outer_Full | -20 | NV | 834.208 | 838.770 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 834.215 | 838.767 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 834.212 | 838.774 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 834.208 | 838.770 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 834.206 | 838.770 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 834.212 | 838.774 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 834.209 | 838.773 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 834.213 | 838.777 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 834.205 | 838.774 | 824 to 849 | Pass |
|                 |       |            |     | HV | 834.204 | 838.767 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 834.200 | 838.782 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 834.203 | 838.770 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 834.206 | 838.771 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 834.205 | 838.773 | 824 to 849 | Pass |
| CP-OFDM 64 QAM  | 836.5 | Outer_Full | 10  | NV | 834.206 | 838.772 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 834.204 | 838.765 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 834.207 | 838.774 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 834.204 | 838.774 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 834.201 | 838.785 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 834.211 | 838.780 | 824 to 849 | Pass |
|                 |       |            |     | HV | 834.224 | 838.774 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 834.208 | 838.776 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 834.218 | 838.773 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 834.219 | 838.770 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 834.229 | 838.770 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 834.224 | 838.777 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 834.226 | 838.775 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 834.223 | 838.776 | 824 to 849 | Pass |
| CP-OFDM 256 QAM | 836.5 | Outer_Full | 40  | NV | 834.220 | 838.772 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 834.223 | 838.772 | 824 to 849 | Pass |



### 6.1.2 15\_S\_10M

| 5G NR n5 SCS=15kHz SISO 10MHz |                 |               |            |       |                     |         |            |         |
|-------------------------------|-----------------|---------------|------------|-------|---------------------|---------|------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | OBW (FL - FH) (MHz) |         | Limit      | Verdict |
|                               |                 |               |            |       | FL                  | FH      |            |         |
| DFT-s-OFDM PI/2 BPSK          | 836.5           | Outer_Full    | 20         | LV    | 831.756             | 840.848 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 831.761             | 840.846 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 831.762             | 840.850 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 831.753             | 840.846 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 831.760             | 840.846 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 831.754             | 840.845 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 831.754             | 840.846 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 831.750             | 840.850 | 824 to 849 | Pass    |

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|                   |         |            |                    |         |            |         |            |         |
|-------------------|---------|------------|--------------------|---------|------------|---------|------------|---------|
|                   |         |            | 30                 | NV      | 831.788    | 840.846 | 824 to 849 | Pass    |
|                   |         |            | 40                 | NV      | 831.757    | 840.845 | 824 to 849 | Pass    |
|                   |         |            | 50                 | NV      | 831.755    | 840.847 | 824 to 849 | Pass    |
| DFT-s-OFDM QPSK   | 836.5   | Outer_Full | 20                 | LV      | 831.769    | 840.841 | 824 to 849 | Pass    |
|                   |         |            |                    | HV      | 831.756    | 840.830 | 824 to 849 | Pass    |
|                   |         |            | -30                | NV      | 831.781    | 840.841 | 824 to 849 | Pass    |
|                   |         |            | -20                | NV      | 831.751    | 840.839 | 824 to 849 | Pass    |
|                   |         |            | -10                | NV      | 831.767    | 840.833 | 824 to 849 | Pass    |
|                   |         |            | 0                  | NV      | 831.762    | 840.838 | 824 to 849 | Pass    |
|                   |         |            | 10                 | NV      | 831.774    | 840.839 | 824 to 849 | Pass    |
|                   |         |            | 20                 | NV      | 831.761    | 840.839 | 824 to 849 | Pass    |
|                   |         |            | 30                 | NV      | 831.764    | 840.840 | 824 to 849 | Pass    |
|                   |         |            | 40                 | NV      | 831.772    | 840.833 | 824 to 849 | Pass    |
|                   |         |            | 50                 | NV      | 831.763    | 840.841 | 824 to 849 | Pass    |
|                   |         |            | DFT-s-OFDM 16 QAM  | 836.5   | Outer_Full | 20      | LV         | 831.749 |
| HV                | 831.784 | 840.833    |                    |         |            |         | 824 to 849 | Pass    |
| -30               | NV      | 831.762    |                    |         |            | 840.833 | 824 to 849 | Pass    |
| -20               | NV      | 831.751    |                    |         |            | 840.840 | 824 to 849 | Pass    |
| -10               | NV      | 831.750    |                    |         |            | 840.832 | 824 to 849 | Pass    |
| 0                 | NV      | 831.745    |                    |         |            | 840.840 | 824 to 849 | Pass    |
| 10                | NV      | 831.750    |                    |         |            | 840.836 | 824 to 849 | Pass    |
| 20                | NV      | 831.745    |                    |         |            | 840.840 | 824 to 849 | Pass    |
| 30                | NV      | 831.748    |                    |         |            | 840.847 | 824 to 849 | Pass    |
| 40                | NV      | 831.748    |                    |         |            | 840.834 | 824 to 849 | Pass    |
| 50                | NV      | 831.751    |                    |         |            | 840.832 | 824 to 849 | Pass    |
| DFT-s-OFDM 64 QAM | 836.5   | Outer_Full |                    |         |            | 20      | LV         | 831.810 |
|                   |         |            | HV                 | 831.803 | 840.830    |         | 824 to 849 | Pass    |
|                   |         |            | -30                | NV      | 831.803    | 840.839 | 824 to 849 | Pass    |
|                   |         |            | -20                | NV      | 831.805    | 840.833 | 824 to 849 | Pass    |
|                   |         |            | -10                | NV      | 831.805    | 840.827 | 824 to 849 | Pass    |
|                   |         |            | 0                  | NV      | 831.794    | 840.831 | 824 to 849 | Pass    |
|                   |         |            | 10                 | NV      | 831.805    | 840.835 | 824 to 849 | Pass    |
|                   |         |            | 20                 | NV      | 831.802    | 840.831 | 824 to 849 | Pass    |
|                   |         |            | 30                 | NV      | 831.794    | 840.835 | 824 to 849 | Pass    |
|                   |         |            | 40                 | NV      | 831.799    | 840.831 | 824 to 849 | Pass    |
|                   |         |            | 50                 | NV      | 831.803    | 840.838 | 824 to 849 | Pass    |
|                   |         |            | DFT-s-OFDM 256 QAM | 836.5   | Outer_Full | 20      | LV         | 831.499 |
| HV                | 831.535 | 840.795    |                    |         |            |         | 824 to 849 | Pass    |
| -30               | NV      | 831.531    |                    |         |            | 840.797 | 824 to 849 | Pass    |
| -20               | NV      | 831.546    |                    |         |            | 840.795 | 824 to 849 | Pass    |
| -10               | NV      | 831.546    |                    |         |            | 840.795 | 824 to 849 | Pass    |
| 0                 | NV      | 831.503    |                    |         |            | 840.799 | 824 to 849 | Pass    |
| 10                | NV      | 831.528    |                    |         |            | 840.806 | 824 to 849 | Pass    |
| 20                | NV      | 831.569    |                    |         |            | 840.801 | 824 to 849 | Pass    |
| 30                | NV      | 831.567    |                    |         |            | 840.793 | 824 to 849 | Pass    |
| 40                | NV      | 831.576    |                    |         |            | 840.794 | 824 to 849 | Pass    |
| 50                | NV      | 831.541    |                    |         |            | 840.797 | 824 to 849 | Pass    |
| CP-OFDM QPSK      | 836.5   | Outer_Full |                    |         |            | 20      | LV         | 831.553 |
|                   |         |            | HV                 | 831.578 | 841.153    |         | 824 to 849 | Pass    |
|                   |         |            | -30                | NV      | 831.591    | 841.146 | 824 to 849 | Pass    |
|                   |         |            | -20                | NV      | 831.622    | 841.157 | 824 to 849 | Pass    |
|                   |         |            | -10                | NV      | 831.545    | 841.153 | 824 to 849 | Pass    |
|                   |         |            | 0                  | NV      | 831.577    | 841.147 | 824 to 849 | Pass    |
|                   |         |            | 10                 | NV      | 831.605    | 841.159 | 824 to 849 | Pass    |
|                   |         |            | 20                 | NV      | 831.603    | 841.154 | 824 to 849 | Pass    |
|                   |         |            | 30                 | NV      | 831.567    | 841.150 | 824 to 849 | Pass    |
|                   |         |            | 40                 | NV      | 831.567    | 841.154 | 824 to 849 | Pass    |
|                   |         |            | 50                 | NV      | 831.541    | 841.155 | 824 to 849 | Pass    |
|                   |         |            | CP-OFDM 16 QAM     | 836.5   | Outer_Full | 20      | LV         | 831.586 |
| HV                | 831.562 | 841.140    |                    |         |            |         | 824 to 849 | Pass    |
| -30               | NV      | 831.580    |                    |         |            | 841.143 | 824 to 849 | Pass    |
| -20               | NV      | 831.554    |                    |         |            | 841.142 | 824 to 849 | Pass    |

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|                 |       |            |     |    |         |         |            |      |
|-----------------|-------|------------|-----|----|---------|---------|------------|------|
|                 |       |            | -10 | NV | 831.582 | 841.130 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 831.559 | 841.138 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 831.574 | 841.148 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 831.571 | 841.146 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 831.561 | 841.135 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 831.579 | 841.140 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 831.551 | 841.138 | 824 to 849 | Pass |
| CP-OFDM 64 QAM  | 836.5 | Outer_Full | 20  | LV | 831.589 | 841.165 | 824 to 849 | Pass |
|                 |       |            |     | HV | 831.516 | 841.154 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 831.637 | 841.157 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 831.576 | 841.156 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 831.584 | 841.171 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 831.558 | 841.166 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 831.564 | 841.159 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 831.563 | 841.164 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 831.591 | 841.163 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 831.579 | 841.164 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 831.600 | 841.170 | 824 to 849 | Pass |
| CP-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | 831.563 | 841.106 | 824 to 849 | Pass |
|                 |       |            |     | HV | 831.509 | 841.114 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 831.514 | 841.119 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 831.502 | 841.126 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 831.531 | 841.092 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 831.557 | 841.109 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 831.501 | 841.118 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 831.474 | 841.116 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 831.493 | 841.115 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 831.548 | 841.125 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 831.532 | 841.094 | 824 to 849 | Pass |

### 6.1.3 15\_S\_15M

| 5G NR n5 SCS=15kHz SISO 15MHz |                 |               |            |       |                     |         |            |         |
|-------------------------------|-----------------|---------------|------------|-------|---------------------|---------|------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | OBW (FL - FH) (MHz) |         | Limit      | Verdict |
|                               |                 |               |            |       | FL                  | FH      |            |         |
| DFT-s-OFDM PI/2 BPSK          | 836.5           | Outer_Full    | 20         | LV    | 829.049             | 843.183 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 829.041             | 843.191 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 829.063             | 843.196 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 829.050             | 843.199 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 829.050             | 843.190 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 829.058             | 843.190 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 829.063             | 843.206 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 829.053             | 843.204 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 829.047             | 843.200 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 829.046             | 843.200 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 829.052             | 843.204 | 824 to 849 | Pass    |
| DFT-s-OFDM QPSK               | 836.5           | Outer_Full    | 20         | LV    | 829.121             | 843.151 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 829.121             | 843.148 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 829.124             | 843.147 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 829.120             | 843.150 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 829.119             | 843.159 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 829.118             | 843.144 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 829.122             | 843.149 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 829.122             | 843.150 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 829.114             | 843.148 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 829.113             | 843.154 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 829.116             | 843.136 | 824 to 849 | Pass    |
| DFT-s-OFDM 16 QAM             | 836.5           | Outer_Full    | 20         | LV    | 829.110             | 843.155 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 829.114             | 843.141 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 829.121             | 843.169 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 829.099             | 843.168 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 829.104             | 843.160 | 824 to 849 | Pass    |

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|                    |       |            |     |    |         |         |            |      |
|--------------------|-------|------------|-----|----|---------|---------|------------|------|
|                    |       |            | 0   | NV | 829.104 | 843.146 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.130 | 843.130 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.107 | 843.175 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.107 | 843.181 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.106 | 843.164 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.114 | 843.169 | 824 to 849 | Pass |
| DFT-s-OFDM 64 QAM  | 836.5 | Outer_Full | 20  | LV | 829.135 | 843.146 | 824 to 849 | Pass |
|                    |       |            |     | HV | 829.128 | 843.157 | 824 to 849 | Pass |
|                    |       |            | -30 | NV | 829.128 | 843.149 | 824 to 849 | Pass |
|                    |       |            | -20 | NV | 829.126 | 843.137 | 824 to 849 | Pass |
|                    |       |            | -10 | NV | 829.132 | 843.135 | 824 to 849 | Pass |
|                    |       |            | 0   | NV | 829.132 | 843.146 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.140 | 843.134 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.143 | 843.153 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.141 | 843.147 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.128 | 843.139 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.130 | 843.144 | 824 to 849 | Pass |
| DFT-s-OFDM 256 QAM | 836.5 | Outer_Full | 20  | LV | 829.048 | 843.143 | 824 to 849 | Pass |
|                    |       |            |     | HV | 829.058 | 843.143 | 824 to 849 | Pass |
|                    |       |            | -30 | NV | 829.053 | 843.146 | 824 to 849 | Pass |
|                    |       |            | -20 | NV | 829.058 | 843.140 | 824 to 849 | Pass |
|                    |       |            | -10 | NV | 829.098 | 843.151 | 824 to 849 | Pass |
|                    |       |            | 0   | NV | 829.048 | 843.152 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.043 | 843.151 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.063 | 843.150 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.042 | 843.142 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.063 | 843.151 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.062 | 843.147 | 824 to 849 | Pass |
| CP-OFDM QPSK       | 836.5 | Outer_Full | 20  | LV | 829.091 | 843.852 | 824 to 849 | Pass |
|                    |       |            |     | HV | 829.097 | 843.871 | 824 to 849 | Pass |
|                    |       |            | -30 | NV | 829.107 | 843.835 | 824 to 849 | Pass |
|                    |       |            | -20 | NV | 829.099 | 843.851 | 824 to 849 | Pass |
|                    |       |            | -10 | NV | 829.094 | 843.847 | 824 to 849 | Pass |
|                    |       |            | 0   | NV | 829.107 | 843.839 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.101 | 843.844 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.098 | 843.846 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.103 | 843.852 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.095 | 843.866 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.100 | 843.836 | 824 to 849 | Pass |
| CP-OFDM 16 QAM     | 836.5 | Outer_Full | 20  | LV | 829.178 | 843.820 | 824 to 849 | Pass |
|                    |       |            |     | HV | 829.179 | 843.820 | 824 to 849 | Pass |
|                    |       |            | -30 | NV | 829.187 | 843.818 | 824 to 849 | Pass |
|                    |       |            | -20 | NV | 829.186 | 843.818 | 824 to 849 | Pass |
|                    |       |            | -10 | NV | 829.178 | 843.818 | 824 to 849 | Pass |
|                    |       |            | 0   | NV | 829.189 | 843.808 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.196 | 843.826 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.180 | 843.820 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.191 | 843.819 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.192 | 843.816 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.179 | 843.822 | 824 to 849 | Pass |
| CP-OFDM 64 QAM     | 836.5 | Outer_Full | 20  | LV | 829.127 | 843.823 | 824 to 849 | Pass |
|                    |       |            |     | HV | 829.122 | 843.817 | 824 to 849 | Pass |
|                    |       |            | -30 | NV | 829.136 | 843.831 | 824 to 849 | Pass |
|                    |       |            | -20 | NV | 829.127 | 843.826 | 824 to 849 | Pass |
|                    |       |            | -10 | NV | 829.130 | 843.817 | 824 to 849 | Pass |
|                    |       |            | 0   | NV | 829.143 | 843.829 | 824 to 849 | Pass |
|                    |       |            | 10  | NV | 829.135 | 843.833 | 824 to 849 | Pass |
|                    |       |            | 20  | NV | 829.137 | 843.813 | 824 to 849 | Pass |
|                    |       |            | 30  | NV | 829.125 | 843.831 | 824 to 849 | Pass |
|                    |       |            | 40  | NV | 829.130 | 843.819 | 824 to 849 | Pass |
|                    |       |            | 50  | NV | 829.144 | 843.837 | 824 to 849 | Pass |
| CP-OFDM 256 QAM    | 836.5 | Outer_Full | 20  | LV | 829.076 | 843.814 | 824 to 849 | Pass |

|  |  |  |     |    |         |         |            |      |
|--|--|--|-----|----|---------|---------|------------|------|
|  |  |  |     | HV | 829.121 | 843.843 | 824 to 849 | Pass |
|  |  |  | -30 | NV | 829.114 | 843.834 | 824 to 849 | Pass |
|  |  |  | -20 | NV | 829.102 | 843.815 | 824 to 849 | Pass |
|  |  |  | -10 | NV | 829.132 | 843.831 | 824 to 849 | Pass |
|  |  |  | 0   | NV | 829.112 | 843.844 | 824 to 849 | Pass |
|  |  |  | 10  | NV | 829.087 | 843.848 | 824 to 849 | Pass |
|  |  |  | 20  | NV | 829.078 | 843.844 | 824 to 849 | Pass |
|  |  |  | 30  | NV | 829.105 | 843.834 | 824 to 849 | Pass |
|  |  |  | 40  | NV | 829.096 | 843.812 | 824 to 849 | Pass |
|  |  |  | 50  | NV | 829.111 | 843.819 | 824 to 849 | Pass |

#### 6.1.4 15\_S\_20M

| 5G NR n5 SCS=15kHz SISO 20MHz |                 |               |            |       |                     |         |            |         |
|-------------------------------|-----------------|---------------|------------|-------|---------------------|---------|------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | OBW (FL - FH) (MHz) |         | Limit      | Verdict |
|                               |                 |               |            |       | FL                  | FH      |            |         |
| DFT-s-OFDM PI/2 BPSK          | 836.5           | Outer_Full    | 20         | LV    | 826.759             | 845.144 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 826.760             | 845.140 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 826.764             | 845.151 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 826.770             | 845.142 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 826.770             | 845.159 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 826.750             | 845.156 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 826.767             | 845.155 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 826.759             | 845.139 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 826.753             | 845.141 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 826.765             | 845.135 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 826.763             | 845.151 | 824 to 849 | Pass    |
| DFT-s-OFDM QPSK               | 836.5           | Outer_Full    | 20         | LV    | 826.709             | 845.148 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 826.702             | 845.135 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 826.720             | 845.154 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 826.714             | 845.117 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 826.734             | 845.155 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 826.721             | 845.132 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 826.724             | 845.131 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 826.712             | 845.133 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 826.705             | 845.134 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 826.729             | 845.136 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 826.721             | 845.147 | 824 to 849 | Pass    |
| DFT-s-OFDM 16 QAM             | 836.5           | Outer_Full    | 20         | LV    | 826.688             | 845.195 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 826.665             | 845.187 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 826.682             | 845.207 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 826.696             | 845.197 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 826.698             | 845.199 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 826.681             | 845.196 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 826.685             | 845.207 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 826.679             | 845.206 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 826.714             | 845.184 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 826.702             | 845.196 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 826.679             | 845.196 | 824 to 849 | Pass    |
| DFT-s-OFDM 64 QAM             | 836.5           | Outer_Full    | 20         | LV    | 826.721             | 845.114 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 826.743             | 845.126 | 824 to 849 | Pass    |
|                               |                 |               | -30        | NV    | 826.735             | 845.132 | 824 to 849 | Pass    |
|                               |                 |               | -20        | NV    | 826.737             | 845.130 | 824 to 849 | Pass    |
|                               |                 |               | -10        | NV    | 826.723             | 845.118 | 824 to 849 | Pass    |
|                               |                 |               | 0          | NV    | 826.721             | 845.123 | 824 to 849 | Pass    |
|                               |                 |               | 10         | NV    | 826.742             | 845.131 | 824 to 849 | Pass    |
|                               |                 |               | 20         | NV    | 826.727             | 845.116 | 824 to 849 | Pass    |
|                               |                 |               | 30         | NV    | 826.728             | 845.134 | 824 to 849 | Pass    |
|                               |                 |               | 40         | NV    | 826.734             | 845.116 | 824 to 849 | Pass    |
|                               |                 |               | 50         | NV    | 826.761             | 845.128 | 824 to 849 | Pass    |
| DFT-s-OFDM 256 QAM            | 836.5           | Outer_Full    | 20         | LV    | 826.789             | 845.181 | 824 to 849 | Pass    |
|                               |                 |               |            | HV    | 826.799             | 845.177 | 824 to 849 | Pass    |

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|                 |       |            |     |    |         |         |            |      |
|-----------------|-------|------------|-----|----|---------|---------|------------|------|
|                 |       |            | -30 | NV | 826.789 | 845.182 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 826.796 | 845.186 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 826.786 | 845.188 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 826.782 | 845.173 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 826.784 | 845.181 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 826.796 | 845.186 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 826.792 | 845.186 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 826.796 | 845.151 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 826.805 | 845.164 | 824 to 849 | Pass |
| CP-OFDM QPSK    | 836.5 | Outer_Full | 20  | LV | 826.816 | 846.156 | 824 to 849 | Pass |
|                 |       |            |     | HV | 826.812 | 846.162 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 826.823 | 846.158 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 826.796 | 846.176 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 826.807 | 846.184 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 826.810 | 846.159 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 826.824 | 846.166 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 826.806 | 846.180 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 826.819 | 846.177 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 826.812 | 846.177 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 826.804 | 846.187 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 826.758 | 846.295 | 824 to 849 | Pass |
|                 |       |            |     | HV | 826.778 | 846.293 | 824 to 849 | Pass |
| CP-OFDM 16 QAM  | 836.5 | Outer_Full | -30 | NV | 826.766 | 846.294 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 826.779 | 846.283 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 826.763 | 846.234 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 826.770 | 846.283 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 826.765 | 846.291 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 826.782 | 846.256 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 826.766 | 846.286 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 826.789 | 846.297 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 826.786 | 846.294 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 826.807 | 846.303 | 824 to 849 | Pass |
|                 |       |            |     | HV | 826.804 | 846.289 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 826.796 | 846.306 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 826.803 | 846.339 | 824 to 849 | Pass |
| CP-OFDM 64 QAM  | 836.5 | Outer_Full | -10 | NV | 826.809 | 846.310 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 826.803 | 846.316 | 824 to 849 | Pass |
|                 |       |            | 10  | NV | 826.814 | 846.317 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 826.803 | 846.292 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 826.808 | 846.315 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 826.803 | 846.315 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 826.808 | 846.287 | 824 to 849 | Pass |
|                 |       |            | 20  | LV | 826.772 | 846.190 | 824 to 849 | Pass |
|                 |       |            |     | HV | 826.757 | 846.190 | 824 to 849 | Pass |
|                 |       |            | -30 | NV | 826.797 | 846.188 | 824 to 849 | Pass |
|                 |       |            | -20 | NV | 826.764 | 846.185 | 824 to 849 | Pass |
|                 |       |            | -10 | NV | 826.742 | 846.188 | 824 to 849 | Pass |
|                 |       |            | 0   | NV | 826.758 | 846.176 | 824 to 849 | Pass |
| CP-OFDM 256 QAM | 836.5 | Outer_Full | 10  | NV | 826.775 | 846.211 | 824 to 849 | Pass |
|                 |       |            | 20  | NV | 826.745 | 846.182 | 824 to 849 | Pass |
|                 |       |            | 30  | NV | 826.761 | 846.192 | 824 to 849 | Pass |
|                 |       |            | 40  | NV | 826.746 | 846.184 | 824 to 849 | Pass |
|                 |       |            | 50  | NV | 826.740 | 846.176 | 824 to 849 | Pass |

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