

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

### 1.1 Test Result

#### 1.1.1 B66\_1.4MHz\_EIRP

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | 20.46                 | 1.09       | 21.55      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.42                 | 1.09       | 21.51      | <=30  | Pass    |
|                                     |                 |               | 5      | 20.37                 | 1.09       | 21.46      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 20.31                 | 1.09       | 21.40      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.32                 | 1.09       | 21.41      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.17                 | 1.09       | 21.26      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.17                 | 1.09       | 20.26      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 20.82                 | 1.09       | 21.91      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.79                 | 1.09       | 21.88      | <=30  | Pass    |
|                                     |                 |               | 5      | 20.39                 | 1.09       | 21.48      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 20.79                 | 1.09       | 21.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.75                 | 1.09       | 21.84      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.43                 | 1.09       | 21.52      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.73                 | 1.09       | 20.82      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 21.25                 | 1.09       | 22.34      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.17                 | 1.09       | 22.26      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.17                 | 1.09       | 22.26      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.17                 | 1.09       | 22.26      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.15                 | 1.09       | 22.24      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.10                 | 1.09       | 22.19      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.16                 | 1.09       | 21.25      | <=30  | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | 19.65                 | 1.09       | 20.74      | <=30  | Pass    |
|                                     |                 |               | 2      | 19.73                 | 1.09       | 20.82      | <=30  | Pass    |
|                                     |                 |               | 5      | 19.70                 | 1.09       | 20.79      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 18.93                 | 1.09       | 20.02      | <=30  | Pass    |
|                                     |                 |               | 2      | 18.93                 | 1.09       | 20.02      | <=30  | Pass    |
|                                     |                 |               | 3      | 18.93                 | 1.09       | 20.02      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 18.47                 | 1.09       | 19.56      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 20.30                 | 1.09       | 21.39      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.29                 | 1.09       | 21.38      | <=30  | Pass    |
|                                     |                 |               | 5      | 19.88                 | 1.09       | 20.97      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 19.52                 | 1.09       | 20.61      | <=30  | Pass    |
|                                     |                 |               | 2      | 19.52                 | 1.09       | 20.61      | <=30  | Pass    |
|                                     |                 |               | 3      | 19.14                 | 1.09       | 20.23      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.11                 | 1.09       | 20.20      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 20.01                 | 1.09       | 21.10      | <=30  | Pass    |
|                                     |                 |               | 2      | 19.99                 | 1.09       | 21.08      | <=30  | Pass    |
|                                     |                 |               | 5      | 19.97                 | 1.09       | 21.06      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 19.89                 | 1.09       | 20.98      | <=30  | Pass    |
|                                     |                 |               | 2      | 19.93                 | 1.09       | 21.02      | <=30  | Pass    |
|                                     |                 |               | 3      | 19.93                 | 1.09       | 21.02      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.26                 | 1.09       | 20.35      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.2 B66\_3MHz\_EIRP

| Band: 66 / Bandwidth: 3MHz / NTNV |
|-----------------------------------|
|-----------------------------------|

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
|            |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK       | 1711.5          | 1             | 0      | 20.15                 | 1.09       | 21.24      | <=30  | Pass    |
|            |                 |               | 7      | 20.24                 | 1.09       | 21.33      | <=30  | Pass    |
|            |                 |               | 14     | 20.19                 | 1.09       | 21.28      | <=30  | Pass    |
|            |                 | 8             | 0      | 19.12                 | 1.09       | 20.21      | <=30  | Pass    |
|            |                 |               | 4      | 19.22                 | 1.09       | 20.31      | <=30  | Pass    |
|            |                 |               | 7      | 19.27                 | 1.09       | 20.36      | <=30  | Pass    |
|            |                 | 15            | 0      | 19.22                 | 1.09       | 20.31      | <=30  | Pass    |
|            | 1745            | 1             | 0      | 20.67                 | 1.09       | 21.76      | <=30  | Pass    |
|            |                 |               | 7      | 20.73                 | 1.09       | 21.82      | <=30  | Pass    |
|            |                 |               | 14     | 20.32                 | 1.09       | 21.41      | <=30  | Pass    |
|            |                 | 8             | 0      | 19.78                 | 1.09       | 20.87      | <=30  | Pass    |
|            |                 |               | 4      | 19.38                 | 1.09       | 20.47      | <=30  | Pass    |
|            |                 |               | 7      | 19.36                 | 1.09       | 20.45      | <=30  | Pass    |
|            |                 | 15            | 0      | 19.75                 | 1.09       | 20.84      | <=30  | Pass    |
|            | 1778.5          | 1             | 0      | 21.10                 | 1.09       | 22.19      | <=30  | Pass    |
|            |                 |               | 7      | 21.12                 | 1.09       | 22.21      | <=30  | Pass    |
|            |                 |               | 14     | 21.12                 | 1.09       | 22.21      | <=30  | Pass    |
|            |                 | 8             | 0      | 20.15                 | 1.09       | 21.24      | <=30  | Pass    |
|            |                 |               | 4      | 20.16                 | 1.09       | 21.25      | <=30  | Pass    |
|            |                 |               | 7      | 20.07                 | 1.09       | 21.16      | <=30  | Pass    |
|            |                 | 15            | 0      | 20.14                 | 1.09       | 21.23      | <=30  | Pass    |
| 16QAM      | 1711.5          | 1             | 0      | 19.41                 | 1.09       | 20.50      | <=30  | Pass    |
|            |                 |               | 7      | 19.23                 | 1.09       | 20.32      | <=30  | Pass    |
|            |                 |               | 14     | 19.44                 | 1.09       | 20.53      | <=30  | Pass    |
|            |                 | 8             | 0      | 18.53                 | 1.09       | 19.62      | <=30  | Pass    |
|            |                 |               | 4      | 18.48                 | 1.09       | 19.57      | <=30  | Pass    |
|            |                 |               | 7      | 18.48                 | 1.09       | 19.57      | <=30  | Pass    |
|            |                 | 15            | 0      | 18.20                 | 1.09       | 19.29      | <=30  | Pass    |
|            | 1745            | 1             | 0      | 20.48                 | 1.09       | 21.57      | <=30  | Pass    |
|            |                 |               | 7      | 20.49                 | 1.09       | 21.58      | <=30  | Pass    |
|            |                 |               | 14     | 20.10                 | 1.09       | 21.19      | <=30  | Pass    |
|            |                 | 8             | 0      | 19.15                 | 1.09       | 20.24      | <=30  | Pass    |
|            |                 |               | 4      | 18.77                 | 1.09       | 19.86      | <=30  | Pass    |
|            |                 |               | 7      | 18.68                 | 1.09       | 19.77      | <=30  | Pass    |
|            |                 | 15            | 0      | 18.91                 | 1.09       | 20.00      | <=30  | Pass    |
|            | 1778.5          | 1             | 0      | 20.47                 | 1.09       | 21.56      | <=30  | Pass    |
|            |                 |               | 7      | 20.39                 | 1.09       | 21.48      | <=30  | Pass    |
|            |                 |               | 14     | 20.52                 | 1.09       | 21.61      | <=30  | Pass    |
|            |                 | 8             | 0      | 19.47                 | 1.09       | 20.56      | <=30  | Pass    |
|            |                 |               | 4      | 19.48                 | 1.09       | 20.57      | <=30  | Pass    |
|            |                 |               | 7      | 19.38                 | 1.09       | 20.47      | <=30  | Pass    |
|            |                 | 15            | 0      | 19.30                 | 1.09       | 20.39      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B66\_5MHz\_EIRP

| Band: 66 / Bandwidth: 5MHz / NTV |                 |               |        |                       |            |            |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | 20.26                 | 1.09       | 21.35      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.25                 | 1.09       | 21.34      | <=30  | Pass    |
|                                  |                 |               | 24     | 20.23                 | 1.09       | 21.32      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 19.19                 | 1.09       | 20.28      | <=30  | Pass    |
|                                  |                 |               | 6      | 19.26                 | 1.09       | 20.35      | <=30  | Pass    |
|                                  |                 |               | 13     | 19.18                 | 1.09       | 20.27      | <=30  | Pass    |

|                                          |        |    |    |       |       |       |       |      |
|------------------------------------------|--------|----|----|-------|-------|-------|-------|------|
|                                          |        | 25 | 0  | 19.16 | 1.09  | 20.25 | <=30  | Pass |
|                                          | 1745   | 1  | 0  | 20.56 | 1.09  | 21.65 | <=30  | Pass |
|                                          |        |    | 13 | 20.23 | 1.09  | 21.32 | <=30  | Pass |
|                                          |        |    | 24 | 20.28 | 1.09  | 21.37 | <=30  | Pass |
|                                          |        |    | 0  | 19.78 | 1.09  | 20.87 | <=30  | Pass |
|                                          |        | 12 | 6  | 19.73 | 1.09  | 20.82 | <=30  | Pass |
|                                          |        |    | 13 | 19.39 | 1.09  | 20.48 | <=30  | Pass |
|                                          |        |    | 25 | 0     | 19.75 | 1.09  | 20.84 | <=30 |
|                                          | 1777.5 | 1  | 0  | 21.07 | 1.09  | 22.16 | <=30  | Pass |
|                                          |        |    | 13 | 21.11 | 1.09  | 22.20 | <=30  | Pass |
|                                          |        |    | 24 | 21.15 | 1.09  | 22.24 | <=30  | Pass |
|                                          |        | 12 | 0  | 20.10 | 1.09  | 21.19 | <=30  | Pass |
|                                          |        |    | 6  | 20.15 | 1.09  | 21.24 | <=30  | Pass |
|                                          |        |    | 13 | 20.08 | 1.09  | 21.17 | <=30  | Pass |
|                                          |        | 25 | 0  | 20.10 | 1.09  | 21.19 | <=30  | Pass |
| 16QAM                                    | 1712.5 | 1  | 0  | 18.47 | 1.09  | 19.56 | <=30  | Pass |
|                                          |        |    | 13 | 18.47 | 1.09  | 19.56 | <=30  | Pass |
|                                          |        |    | 24 | 18.42 | 1.09  | 19.51 | <=30  | Pass |
|                                          |        | 12 | 0  | 18.37 | 1.09  | 19.46 | <=30  | Pass |
|                                          |        |    | 6  | 18.39 | 1.09  | 19.48 | <=30  | Pass |
|                                          |        |    | 13 | 18.31 | 1.09  | 19.40 | <=30  | Pass |
|                                          |        | 25 | 0  | 18.38 | 1.09  | 19.47 | <=30  | Pass |
|                                          | 1745   | 1  | 0  | 19.62 | 1.09  | 20.71 | <=30  | Pass |
|                                          |        |    | 13 | 19.25 | 1.09  | 20.34 | <=30  | Pass |
|                                          |        |    | 24 | 19.33 | 1.09  | 20.42 | <=30  | Pass |
|                                          |        | 12 | 0  | 18.91 | 1.09  | 20.00 | <=30  | Pass |
|                                          |        |    | 6  | 18.92 | 1.09  | 20.01 | <=30  | Pass |
|                                          |        |    | 13 | 18.55 | 1.09  | 19.64 | <=30  | Pass |
|                                          |        | 25 | 0  | 19.00 | 1.09  | 20.09 | <=30  | Pass |
|                                          | 1777.5 | 1  | 0  | 20.04 | 1.09  | 21.13 | <=30  | Pass |
|                                          |        |    | 13 | 20.10 | 1.09  | 21.19 | <=30  | Pass |
|                                          |        |    | 24 | 20.11 | 1.09  | 21.20 | <=30  | Pass |
|                                          |        | 12 | 0  | 19.13 | 1.09  | 20.22 | <=30  | Pass |
|                                          |        |    | 6  | 19.18 | 1.09  | 20.27 | <=30  | Pass |
|                                          |        |    | 13 | 19.13 | 1.09  | 20.22 | <=30  | Pass |
|                                          |        | 25 | 0  | 19.16 | 1.09  | 20.25 | <=30  | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |       |      |

#### 1.1.4 B66\_10MHz\_EIRP

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1715            | 1             | 0      | 20.23                 | 1.09       | 21.32      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.26                 | 1.09       | 21.35      | <=30  | Pass    |
|                                    |                 |               | 49     | 20.34                 | 1.09       | 21.43      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 19.23                 | 1.09       | 20.32      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.26                 | 1.09       | 20.35      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.33                 | 1.09       | 20.42      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 19.25                 | 1.09       | 20.34      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 20.64                 | 1.09       | 21.73      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.67                 | 1.09       | 21.76      | <=30  | Pass    |
|                                    |                 |               | 49     | 20.30                 | 1.09       | 21.39      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 19.81                 | 1.09       | 20.90      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.78                 | 1.09       | 20.87      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.45                 | 1.09       | 20.54      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 19.74                 | 1.09       | 20.83      | <=30  | Pass    |

|       |      |    |    |       |      |       |      |      |
|-------|------|----|----|-------|------|-------|------|------|
| 16QAM | 1775 | 1  | 0  | 20.97 | 1.09 | 22.06 | <=30 | Pass |
|       |      |    | 25 | 21.05 | 1.09 | 22.14 | <=30 | Pass |
|       |      |    | 49 | 21.15 | 1.09 | 22.24 | <=30 | Pass |
|       |      | 25 | 0  | 20.01 | 1.09 | 21.10 | <=30 | Pass |
|       |      |    | 13 | 20.01 | 1.09 | 21.10 | <=30 | Pass |
|       |      |    | 25 | 20.03 | 1.09 | 21.12 | <=30 | Pass |
|       |      | 50 | 0  | 20.02 | 1.09 | 21.11 | <=30 | Pass |
|       | 1715 | 1  | 0  | 19.22 | 1.09 | 20.31 | <=30 | Pass |
|       |      |    | 25 | 19.22 | 1.09 | 20.31 | <=30 | Pass |
|       |      |    | 49 | 19.29 | 1.09 | 20.38 | <=30 | Pass |
|       |      | 25 | 0  | 18.54 | 1.09 | 19.63 | <=30 | Pass |
|       |      |    | 13 | 18.57 | 1.09 | 19.66 | <=30 | Pass |
|       |      |    | 25 | 18.59 | 1.09 | 19.68 | <=30 | Pass |
|       |      | 50 | 0  | 18.47 | 1.09 | 19.56 | <=30 | Pass |
|       | 1745 | 1  | 0  | 20.69 | 1.09 | 21.78 | <=30 | Pass |
|       |      |    | 25 | 20.74 | 1.09 | 21.83 | <=30 | Pass |
|       |      |    | 49 | 20.36 | 1.09 | 21.45 | <=30 | Pass |
|       |      | 25 | 0  | 18.95 | 1.09 | 20.04 | <=30 | Pass |
|       |      |    | 13 | 18.93 | 1.09 | 20.02 | <=30 | Pass |
|       |      |    | 25 | 18.57 | 1.09 | 19.66 | <=30 | Pass |
|       |      | 50 | 0  | 18.98 | 1.09 | 20.07 | <=30 | Pass |
|       | 1775 | 1  | 0  | 20.32 | 1.09 | 21.41 | <=30 | Pass |
|       |      |    | 25 | 20.33 | 1.09 | 21.42 | <=30 | Pass |
|       |      |    | 49 | 20.41 | 1.09 | 21.50 | <=30 | Pass |
|       |      | 25 | 0  | 19.20 | 1.09 | 20.29 | <=30 | Pass |
|       |      |    | 13 | 19.17 | 1.09 | 20.26 | <=30 | Pass |
|       |      |    | 25 | 19.20 | 1.09 | 20.29 | <=30 | Pass |
|       |      | 50 | 0  | 19.15 | 1.09 | 20.24 | <=30 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B66\_15MHz\_EIRP

| Band: 66 / Bandwidth: 15MHz / NTN |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1717.5          | 1             | 0      | 20.07                 | 1.09       | 21.16      | <=30  | Pass    |
|                                   |                 |               | 38     | 20.18                 | 1.09       | 21.27      | <=30  | Pass    |
|                                   |                 |               | 74     | 20.44                 | 1.09       | 21.53      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 19.18                 | 1.09       | 20.27      | <=30  | Pass    |
|                                   |                 |               | 18     | 19.35                 | 1.09       | 20.44      | <=30  | Pass    |
|                                   |                 |               | 39     | 19.37                 | 1.09       | 20.46      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 19.31                 | 1.09       | 20.40      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 20.60                 | 1.09       | 21.69      | <=30  | Pass    |
|                                   |                 |               | 38     | 20.31                 | 1.09       | 21.40      | <=30  | Pass    |
|                                   |                 |               | 74     | 20.57                 | 1.09       | 21.66      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 19.77                 | 1.09       | 20.86      | <=30  | Pass    |
|                                   |                 |               | 18     | 19.80                 | 1.09       | 20.89      | <=30  | Pass    |
|                                   |                 |               | 39     | 19.39                 | 1.09       | 20.48      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 19.78                 | 1.09       | 20.87      | <=30  | Pass    |
|                                   | 1772.5          | 1             | 0      | 21.11                 | 1.09       | 22.20      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.24                 | 1.09       | 22.33      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.35                 | 1.09       | 22.44      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 19.97                 | 1.09       | 21.06      | <=30  | Pass    |
|                                   |                 |               | 18     | 20.01                 | 1.09       | 21.10      | <=30  | Pass    |
|                                   |                 |               | 39     | 20.06                 | 1.09       | 21.15      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 20.03                 | 1.09       | 21.12      | <=30  | Pass    |
| 16QAM                             | 1717.5          | 1             | 0      | 19.65                 | 1.09       | 20.74      | <=30  | Pass    |

|  |        |      |    |       |       |       |       |      |
|--|--------|------|----|-------|-------|-------|-------|------|
|  |        |      | 38 | 19.78 | 1.09  | 20.87 | <=30  | Pass |
|  |        |      | 74 | 19.98 | 1.09  | 21.07 | <=30  | Pass |
|  |        | 36   | 0  | 18.40 | 1.09  | 19.49 | <=30  | Pass |
|  |        |      | 18 | 18.55 | 1.09  | 19.64 | <=30  | Pass |
|  |        |      | 39 | 18.62 | 1.09  | 19.71 | <=30  | Pass |
|  |        | 75   | 0  | 18.51 | 1.09  | 19.60 | <=30  | Pass |
|  |        | 1745 | 1  | 0     | 20.24 | 1.09  | 21.33 | <=30 |
|  | 38     |      |    | 19.87 | 1.09  | 20.96 | <=30  | Pass |
|  | 74     |      |    | 20.22 | 1.09  | 21.31 | <=30  | Pass |
|  | 36     |      | 0  | 18.97 | 1.09  | 20.06 | <=30  | Pass |
|  |        |      | 18 | 18.93 | 1.09  | 20.02 | <=30  | Pass |
|  |        |      | 39 | 18.58 | 1.09  | 19.67 | <=30  | Pass |
|  | 75     |      | 0  | 18.90 | 1.09  | 19.99 | <=30  | Pass |
|  | 1772.5 | 1    | 0  | 20.33 | 1.09  | 21.42 | <=30  | Pass |
|  |        |      | 38 | 20.36 | 1.09  | 21.45 | <=30  | Pass |
|  |        |      | 74 | 20.49 | 1.09  | 21.58 | <=30  | Pass |
|  |        | 36   | 0  | 19.11 | 1.09  | 20.20 | <=30  | Pass |
|  |        |      | 18 | 19.16 | 1.09  | 20.25 | <=30  | Pass |
|  |        |      | 39 | 19.20 | 1.09  | 20.29 | <=30  | Pass |
|  |        | 75   | 0  | 19.13 | 1.09  | 20.22 | <=30  | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B66\_20MHz\_EIRP

| Band: 66 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1720            | 1             | 0      | 19.24                 | 1.09       | 20.33      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.23                 | 1.09       | 20.32      | <=30  | Pass    |
|                                   |                 |               | 99     | 19.30                 | 1.09       | 20.39      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 19.27                 | 1.09       | 20.36      | <=30  | Pass    |
|                                   |                 |               | 25     | 19.25                 | 1.09       | 20.34      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.28                 | 1.09       | 20.37      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 19.26                 | 1.09       | 20.35      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.73                 | 1.09       | 20.82      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.70                 | 1.09       | 20.79      | <=30  | Pass    |
|                                   |                 | 50            | 99     | 19.75                 | 1.09       | 20.84      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.74                 | 1.09       | 20.83      | <=30  | Pass    |
|                                   |                 |               | 25     | 19.74                 | 1.09       | 20.83      | <=30  | Pass    |
|                                   | 1770            | 1             | 50     | 19.74                 | 1.09       | 20.83      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.73                 | 1.09       | 20.82      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.86                 | 1.09       | 20.95      | <=30  | Pass    |
|                                   |                 | 50            | 50     | 19.87                 | 1.09       | 20.96      | <=30  | Pass    |
|                                   |                 |               | 99     | 19.87                 | 1.09       | 20.96      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.83                 | 1.09       | 20.92      | <=30  | Pass    |
|                                   |                 | 100           | 25     | 19.83                 | 1.09       | 20.92      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.83                 | 1.09       | 20.92      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.82                 | 1.09       | 20.91      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 19.25                 | 1.09       | 20.34      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.32                 | 1.09       | 20.41      | <=30  | Pass    |
|                                   |                 |               | 99     | 19.31                 | 1.09       | 20.40      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 19.30                 | 1.09       | 20.39      | <=30  | Pass    |
|                                   |                 |               | 25     | 19.29                 | 1.09       | 20.38      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.29                 | 1.09       | 20.38      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 19.27                 | 1.09       | 20.36      | <=30  | Pass    |
|                                   |                 |               | 0      | 19.72                 | 1.09       | 20.81      | <=30  | Pass    |
|                                   |                 |               | 50     | 19.72                 | 1.09       | 20.81      | <=30  | Pass    |

|  |      |     |    |       |      |       |      |      |
|--|------|-----|----|-------|------|-------|------|------|
|  |      | 50  | 99 | 19.72 | 1.09 | 20.81 | <=30 | Pass |
|  |      |     | 0  | 19.75 | 1.09 | 20.84 | <=30 | Pass |
|  |      |     | 25 | 19.75 | 1.09 | 20.84 | <=30 | Pass |
|  |      |     | 50 | 19.75 | 1.09 | 20.84 | <=30 | Pass |
|  |      | 100 | 0  | 19.74 | 1.09 | 20.83 | <=30 | Pass |
|  | 1770 | 1   | 0  | 19.83 | 1.09 | 20.92 | <=30 | Pass |
|  |      |     | 50 | 19.83 | 1.09 | 20.92 | <=30 | Pass |
|  |      |     | 99 | 19.84 | 1.09 | 20.93 | <=30 | Pass |
|  |      | 50  | 0  | 19.84 | 1.09 | 20.93 | <=30 | Pass |
|  |      |     | 25 | 19.84 | 1.09 | 20.93 | <=30 | Pass |
|  |      |     | 50 | 19.83 | 1.09 | 20.92 | <=30 | Pass |
|  |      | 100 | 0  | 19.83 | 1.09 | 20.92 | <=30 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                         | 1710.7          | 6             | 0      | 20         | 3.27          | 0.257            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | 0.429            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | 2.017            | 0.0012                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | 2.489            | 0.0015                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | 0.844            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | 1.645            | 0.0010                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | 0.472            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 0.057            | 0.0000                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | 1.159            | 0.0007                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | 1.531            | 0.0009                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | 0.200            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              | 1745            | 6             | 0      | 20         | 3.27          | 1.016            | 0.0006                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | 0.715            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | 1.059            | 0.0006                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | -0.215           | -0.0001               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | 0.615            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | 0.186            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | 0.329            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | 0.601            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              | 1779.3          | 6             | 0      | 20         | 3.27          | 0.958            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | -0.873           | -0.0005               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | -1.659           | -0.0009               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | -1.874           | -0.0011               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | -1.659           | -0.0009               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | -2.375           | -0.0013               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | -1.903           | -0.0011               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | -2.446           | -0.0014               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | -1.531           | -0.0009               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | -0.801           | -0.0005               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | -1.144           | -0.0006               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |        |         |             |      |
|-------|--------|---|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1710.7 | 6 | 0 | 20  | 3.27 | 0.772  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 0.901  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 0.157  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 0.672  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 0.472  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 0.558  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 0.758  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 0.930  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 0.601  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1745   | 6 | 0 | 20  | 3.27 | 2.847  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 3.605  | 0.0021  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 1.259  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 1.445  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 1.731  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 1.831  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 0.944  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 2.904  | 0.0017  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 1.144  | 0.0007  | -2.5 to 2.5 | Pass |
|       | 1779.3 | 6 | 0 | 20  | 3.27 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -0.601 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -1.059 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -1.073 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -1.760 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -0.873 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -0.672 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -0.973 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -0.286 | -0.0002 | -2.5 to 2.5 | Pass |

## 2.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1711.5          | 15            | 0      | 20         | 3.27          | 0.901            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.687            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.486            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.343            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 1.101            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.372            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 0.730            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 0.701            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.101            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 1.459            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            | 1745            | 15            | 0      | 20         | 3.27          | 1.416            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.830            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.431            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.615            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 1.001            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 1.173            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 1.259            | 0.0007                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | 10  | 3.85 | -0.229 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.860  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.758 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 1778.5 | 15 | 0 | 20  | 3.27 | 1.130  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -1.445 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.502 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.544 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.343 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.629 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.587 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.130 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.416 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.815 | -0.0005 | -2.5 to 2.5 | Pass |
| 16QAM | 1711.5 | 15 | 0 | 20  | 3.27 | 0.401  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.257 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.787 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.257  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 1.202  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.072  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.130 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.172 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.059  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.243  | 0.0001  | -2.5 to 2.5 | Pass |
|       | 1745   | 15 | 0 | 20  | 3.27 | -0.257 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.629  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 1.717  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.901  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 1.831  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.030  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.515  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 2.561  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.130  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.143  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.143  | 0.0001  | -2.5 to 2.5 | Pass |
|       | 1778.5 | 15 | 0 | 20  | 3.27 | -0.801 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.587 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.644 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.073 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.260 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.830 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.488 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.545 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.858 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.516 | -0.0009 | -2.5 to 2.5 | Pass |

### 2.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1712.5          | 25            | 0      | 20         | 3.27          | 0.744            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.286            | 0.0002                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | -30 | 3.85 | 2.074  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.057  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.901  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 1.731  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.057  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.343 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|       | 1745   | 25 | 0 | 20  | 3.27 | -0.887 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.930  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 1.760  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.315 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.401 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.343  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.443 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.887 | -0.0005 | -2.5 to 2.5 | Pass |
|       | 1777.5 | 25 | 0 | 20  | 3.27 | 1.230  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.243  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.157  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.372  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.873  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.401  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.415  | 0.0002  | -2.5 to 2.5 | Pass |
| 16QAM | 1712.5 | 25 | 0 | 20  | 3.27 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.472  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.229 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.443 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.515  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 1745   | 25 | 0 | 20  | 3.27 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 1.287  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.458 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.143  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.073 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.386  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.987  | 0.0006  | -2.5 to 2.5 | Pass |
|       | 1777.5 | 25 | 0 | 20  | 3.27 | 0.987  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.429  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.157  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.701 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.601  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.173  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.629  | 0.0004  | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |       |        |             |      |
|--|--|--|--|----|------|-------|--------|-------------|------|
|  |  |  |  | 10 | 3.85 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | 0.901 | 0.0005 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | 0.758 | 0.0004 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | 0.458 | 0.0003 | -2.5 to 2.5 | Pass |

## 2.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1715            | 50            | 0      | 20         | 3.27          | -1.431           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -1.545           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.343            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.257           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.458            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.602           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.830           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -1.874           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -1.316           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.416           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -2.103           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 50            | 0      | 20         | 3.27          | 0.486            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.372            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.300            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 1.116            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.172            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.114           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 0.415            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.472           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             | 1775            | 50            | 0      | 20         | 3.27          | 0.787            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.772           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.086            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.601           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 1.001            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.215           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.358           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.243            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
| 16QAM                       | 1715            | 50            | 0      | 20         | 3.27          | -1.388           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.558           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -1.101           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.173           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -1.473           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.073           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -1.788           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -2.246           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -1.903           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.815           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.472           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 50            | 0      | 20         | 3.27          | -0.930           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.057            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.601            | 0.0003                | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |        |         |             |      |
|--|------|----|---|-----|------|--------|---------|-------------|------|
|  |      |    |   | -30 | 3.85 | 0.658  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | 0.772  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | 1.545  | 0.0009  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -0.615 | -0.0004 | -2.5 to 2.5 | Pass |
|  | 1775 | 50 | 0 | 20  | 3.27 | 0.629  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.85 | 0.916  | 0.0005  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.43 | 1.416  | 0.0008  | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.85 | 0.472  | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | 1.016  | 0.0006  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | 0.858  | 0.0005  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | 0.501  | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | 1.245  | 0.0007  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | 0.758  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | 1.259  | 0.0007  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | 0.272  | 0.0002  | -2.5 to 2.5 | Pass |

### 2.1.5 B66\_15MHz

| Band: 66 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1717.5          | 75            | 0      | 20         | 3.27          | -0.801           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -1.531           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.401           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.529           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.615           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.987           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -2.174           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.944           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -1.974           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.302           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -1.016           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 75            | 0      | 20         | 3.27          | 1.202            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.372            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.715            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.529           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.229           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.973           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.901           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.901           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.472           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 0.787            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             | 1772.5          | 75            | 0      | 20         | 3.27          | 0.529            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.615            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.372           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.958           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.415           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.572            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.844            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.272            | 0.0002                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1717.5 | 75 | 0 | 50  | 3.85 | 0.901  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -0.615 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -1.273 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 4.43 | -1.159 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.887 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.488 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.046 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.416 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.731 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.101 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 1745   | 75 | 0 | 40  | 3.85 | -2.174 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.431 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.587 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 4.43 | 0.558  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.057  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.601 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 1.159  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 1.059  | 0.0006  | -2.5 to 2.5 | Pass |
|       | 1772.5 | 75 | 0 | 30  | 3.85 | 0.257  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.086 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 1.116  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.615  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 4.43 | 1.001  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.386  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.544  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.458  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |

## 2.1.6 B66\_20MHz

| Band: 66 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1720            | 100           | 0      | 20         | 3.27          | -1.216           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.801           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 20         | 4.43          | -0.558           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.544           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -1.101           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.316           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.801           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -1.016           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -1.316           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.559           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.772           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 100           | 0      | 20         | 3.27          | 1.173            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.658            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 20         | 4.43          | 0.987            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -1.073           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.801           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.458           | -0.0003               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
|       |      |     |   | 0   | 3.85 | -0.615 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 0.086  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       | 1770 | 100 | 0 | 20  | 3.27 | 0.558  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 0.887  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 0.644  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 0.572  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.815  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 0.701  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.901  | 0.0005  | -2.5 to 2.5 | Pass |
| 16QAM | 1720 | 100 | 0 | 20  | 3.27 | -0.858 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.273 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -0.958 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.644 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.172 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -0.172 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -0.801 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -1.273 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -0.715 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -1.216 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 1745 | 100 | 0 | 20  | 3.27 | -0.987 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -0.572 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 1.044  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.558 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 0.386  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.257  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 0.172  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 0.329  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 1.431  | 0.0008  | -2.5 to 2.5 | Pass |
|       | 1770 | 100 | 0 | 20  | 3.27 | 1.016  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -0.215 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 0.801  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 0.415  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 0.787  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.930  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 0.443  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 0.916  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1745            | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1745            | 6             | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1745            | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1745            | 15            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1745            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1745            | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1745            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1745            | 50            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.5 B66\_15MHz

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1745            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1745            | 75            | 0      | Refer To Test Graph        |       | Pass    |

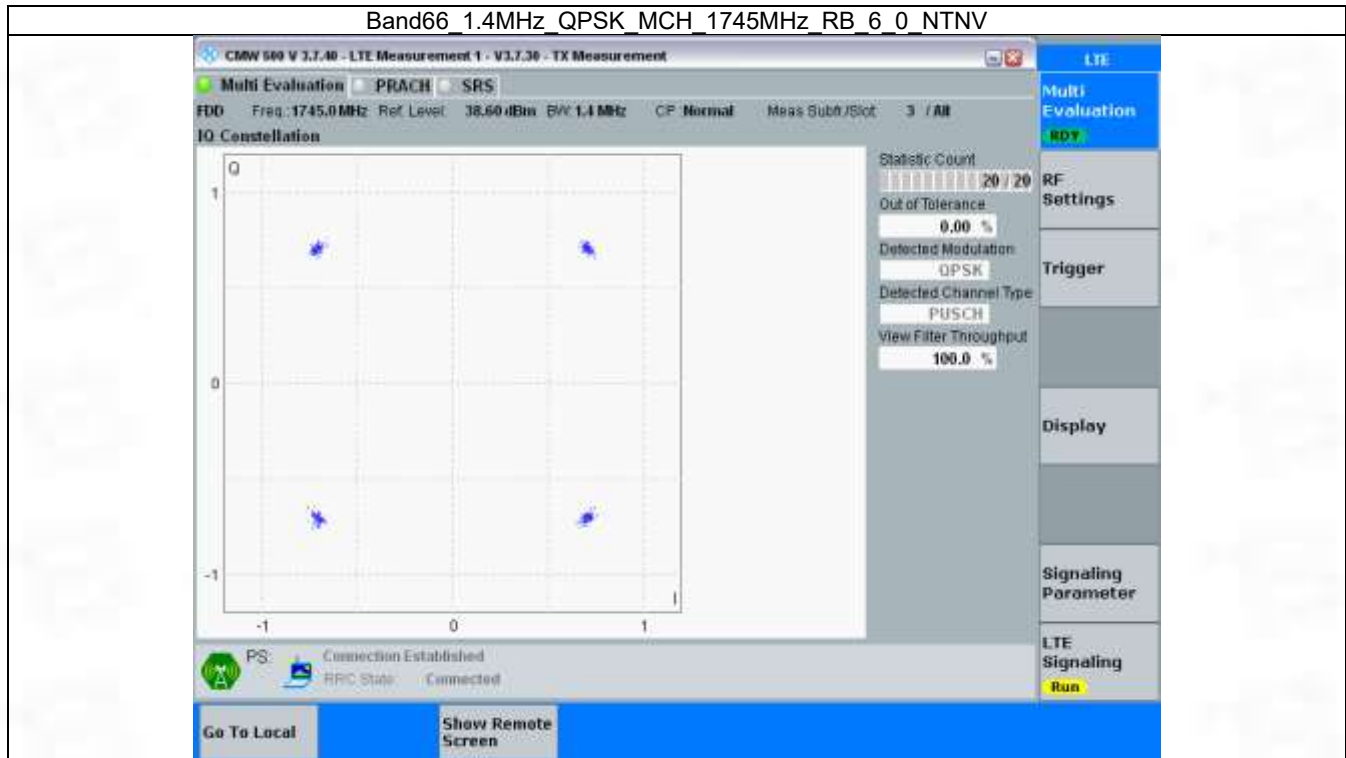
### 3.1.6 B66\_20MHz

| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1745            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1745            | 100           | 0      | Refer To Test Graph        |       | Pass    |

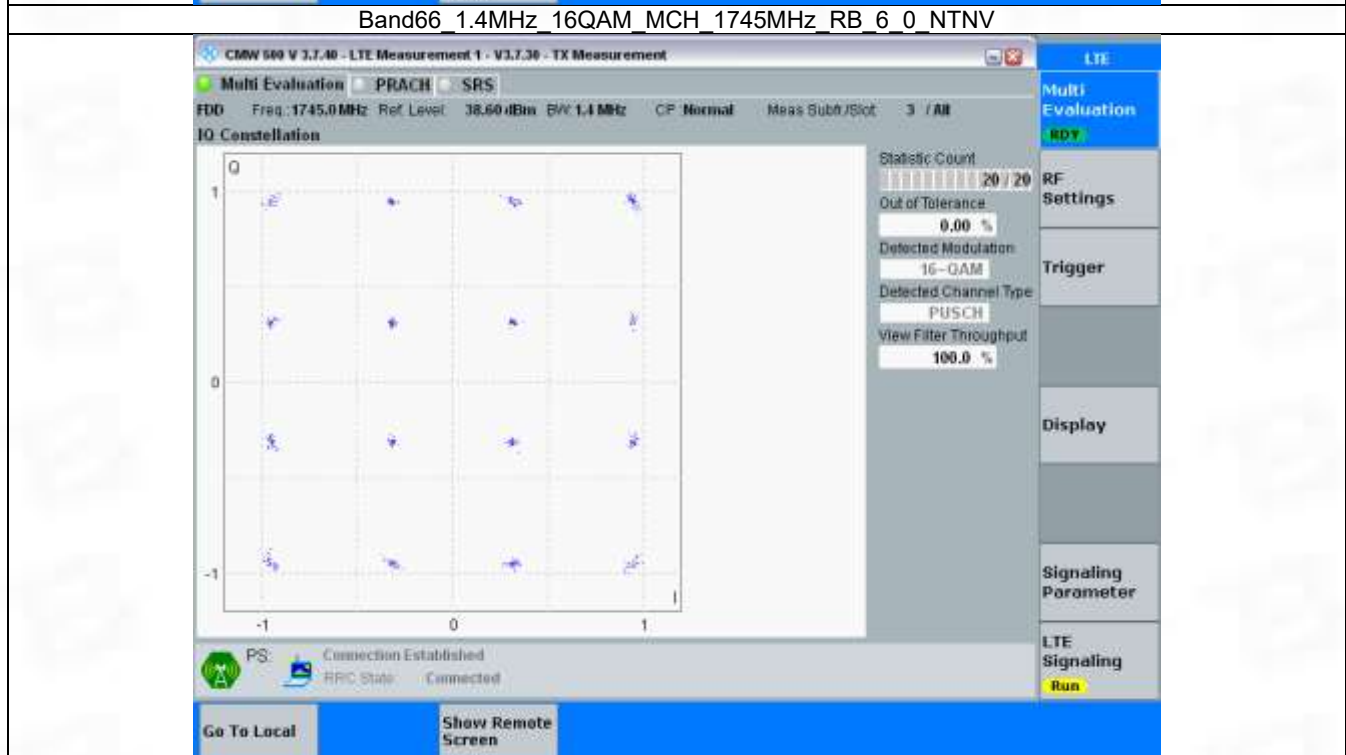
## 3.2 Test Graph

### 3.2.1 B66\_1.4MHz

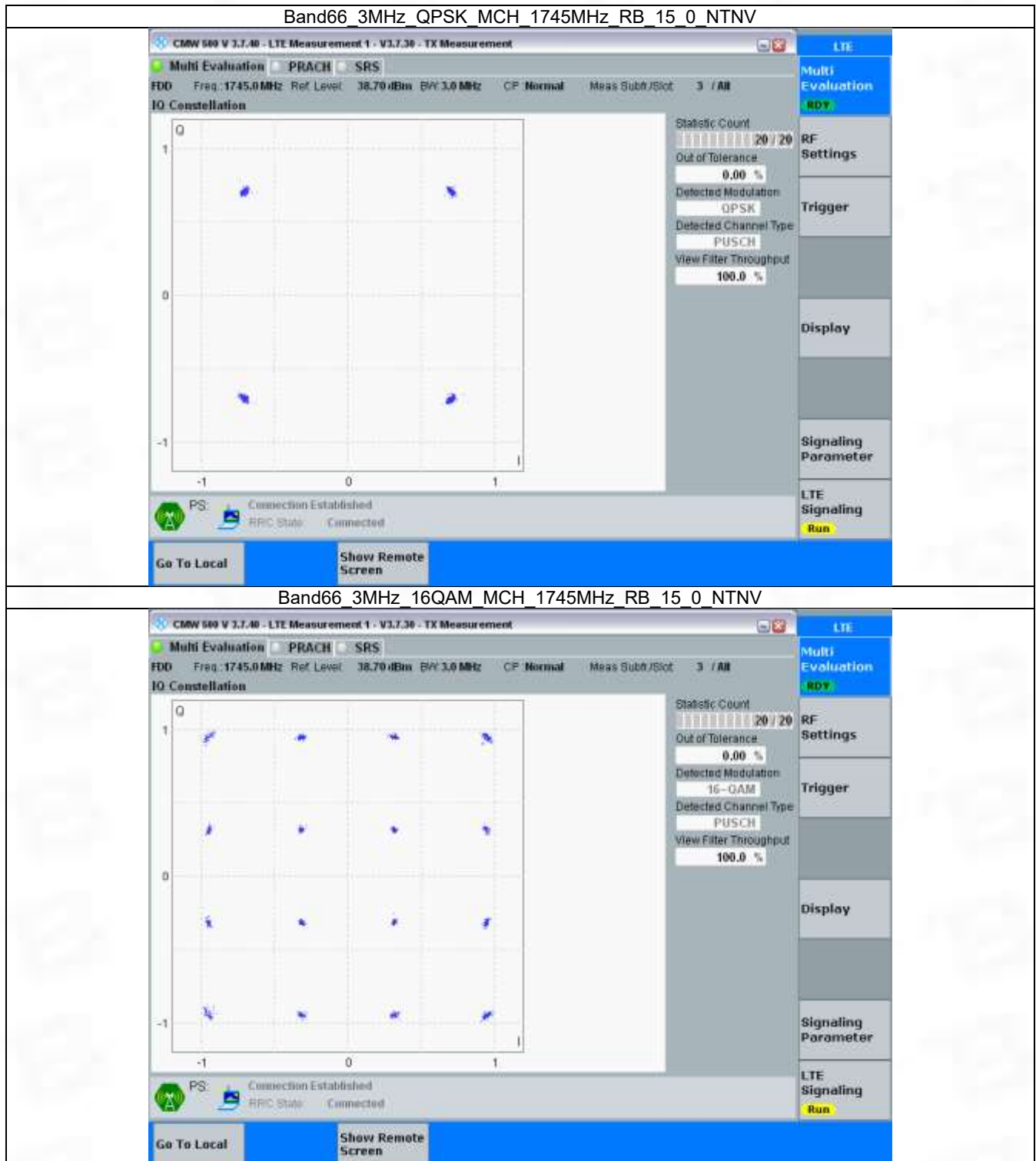
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV

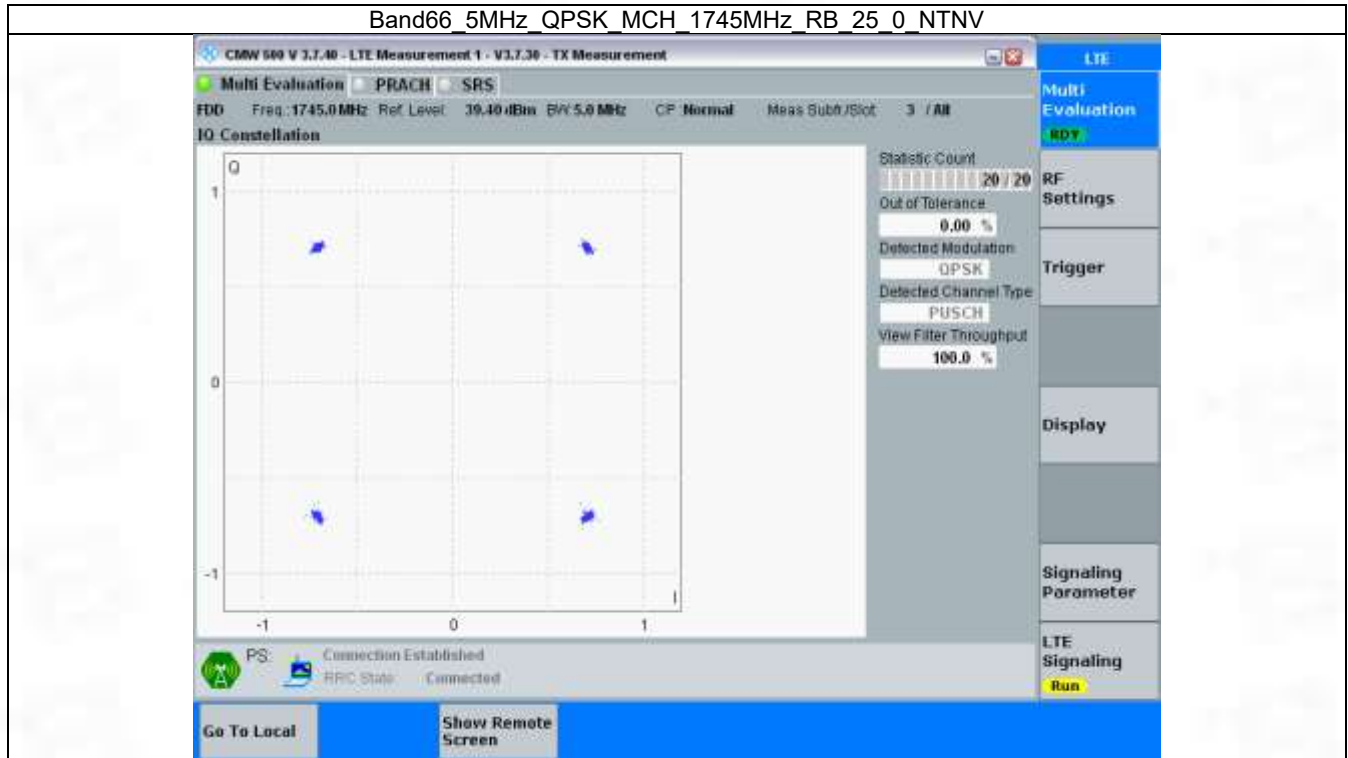


### 3.2.2 B66\_3MHz

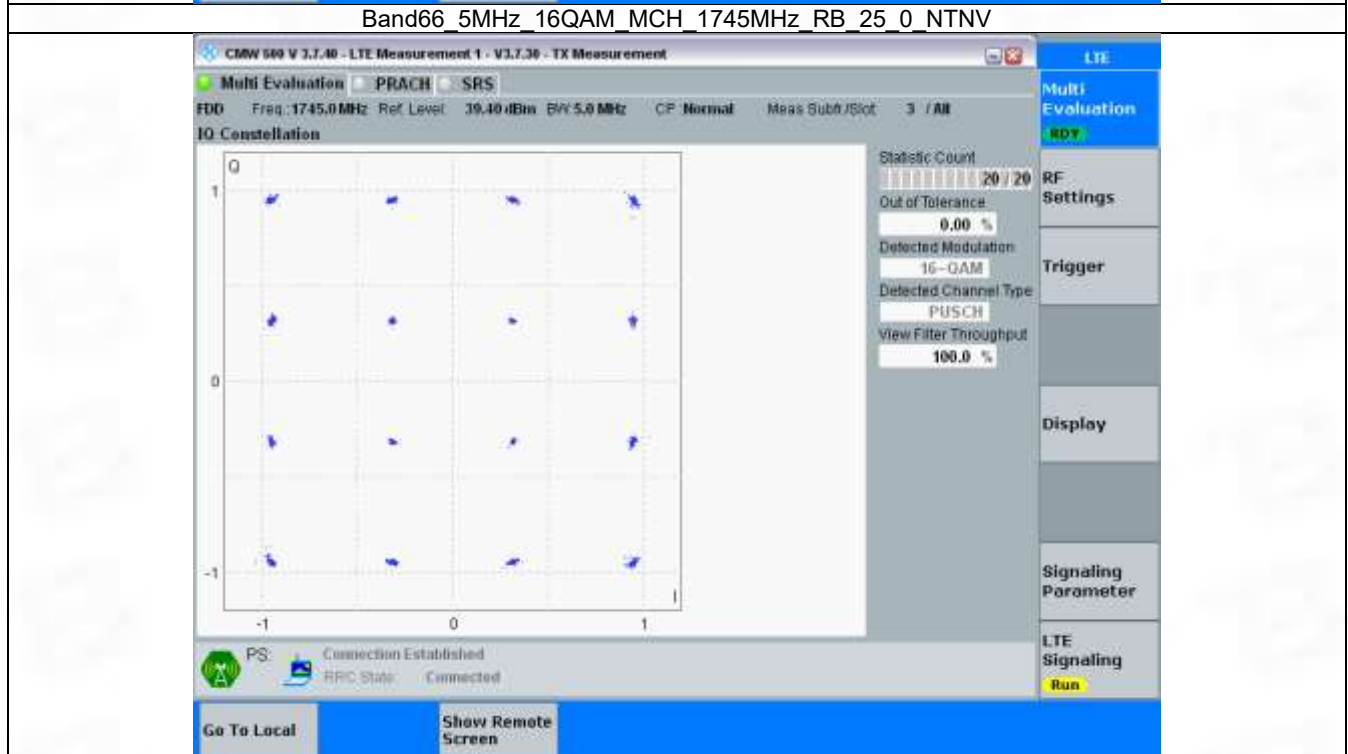


### 3.2.3 B66\_5MHz

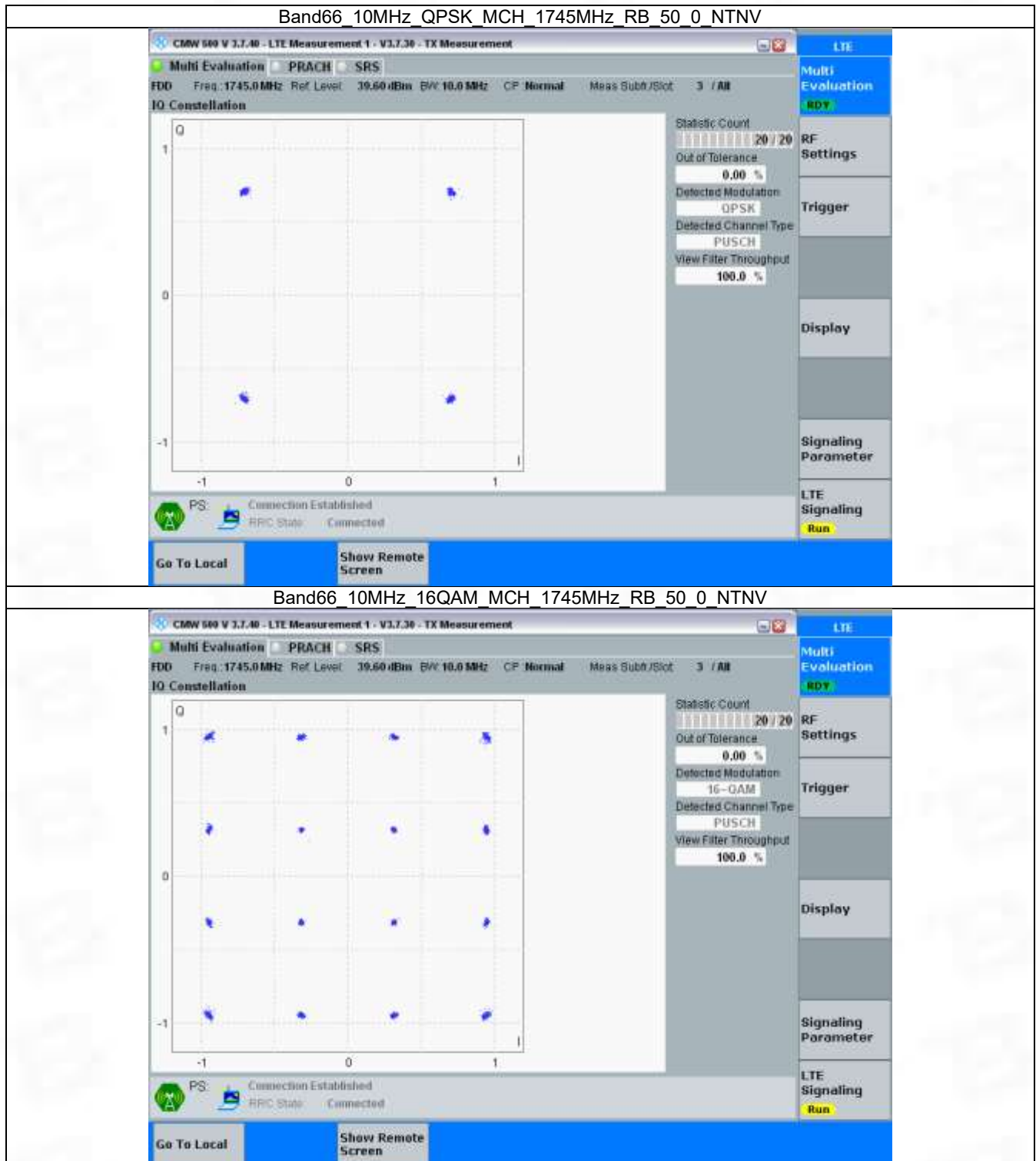
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



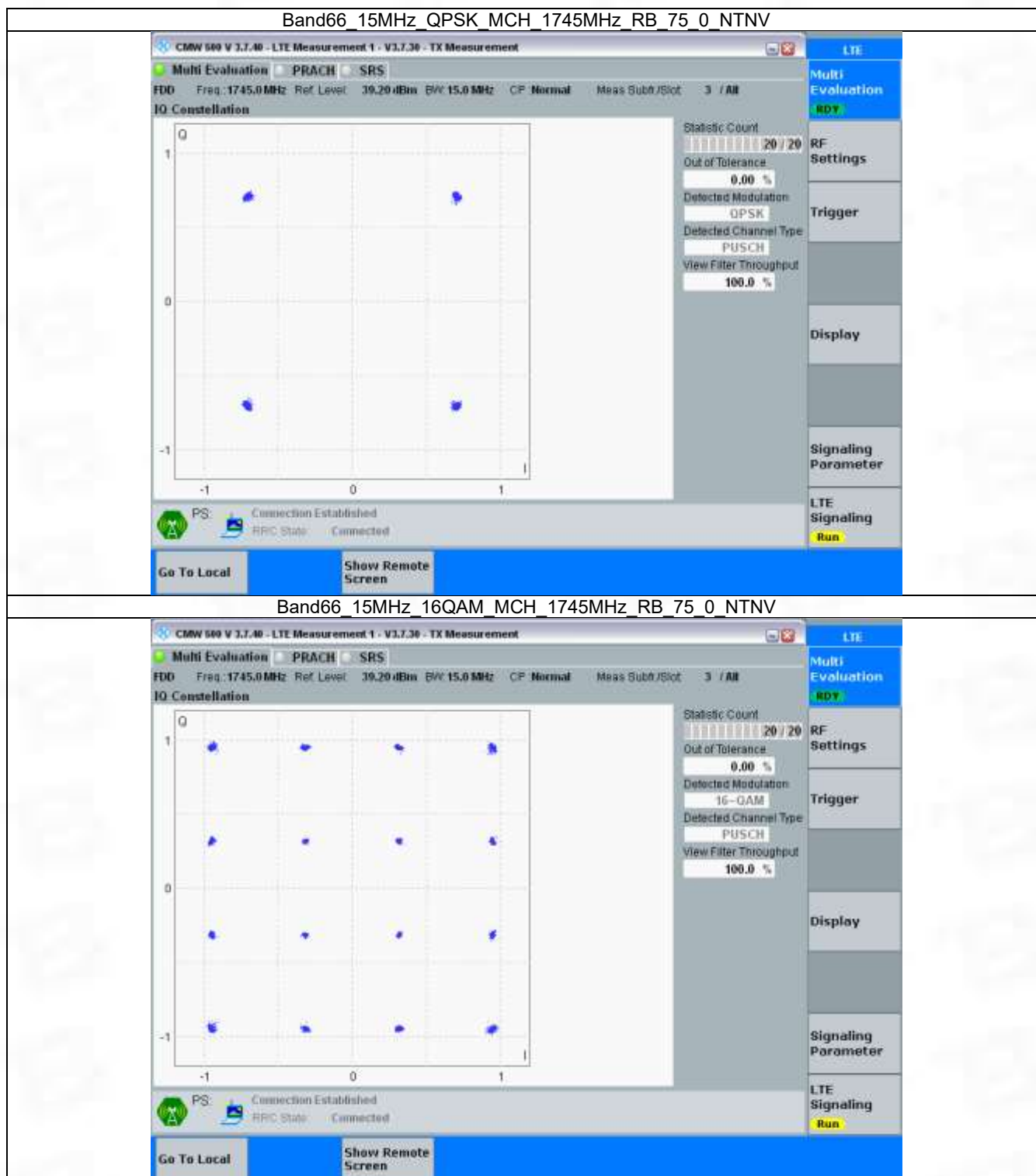
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



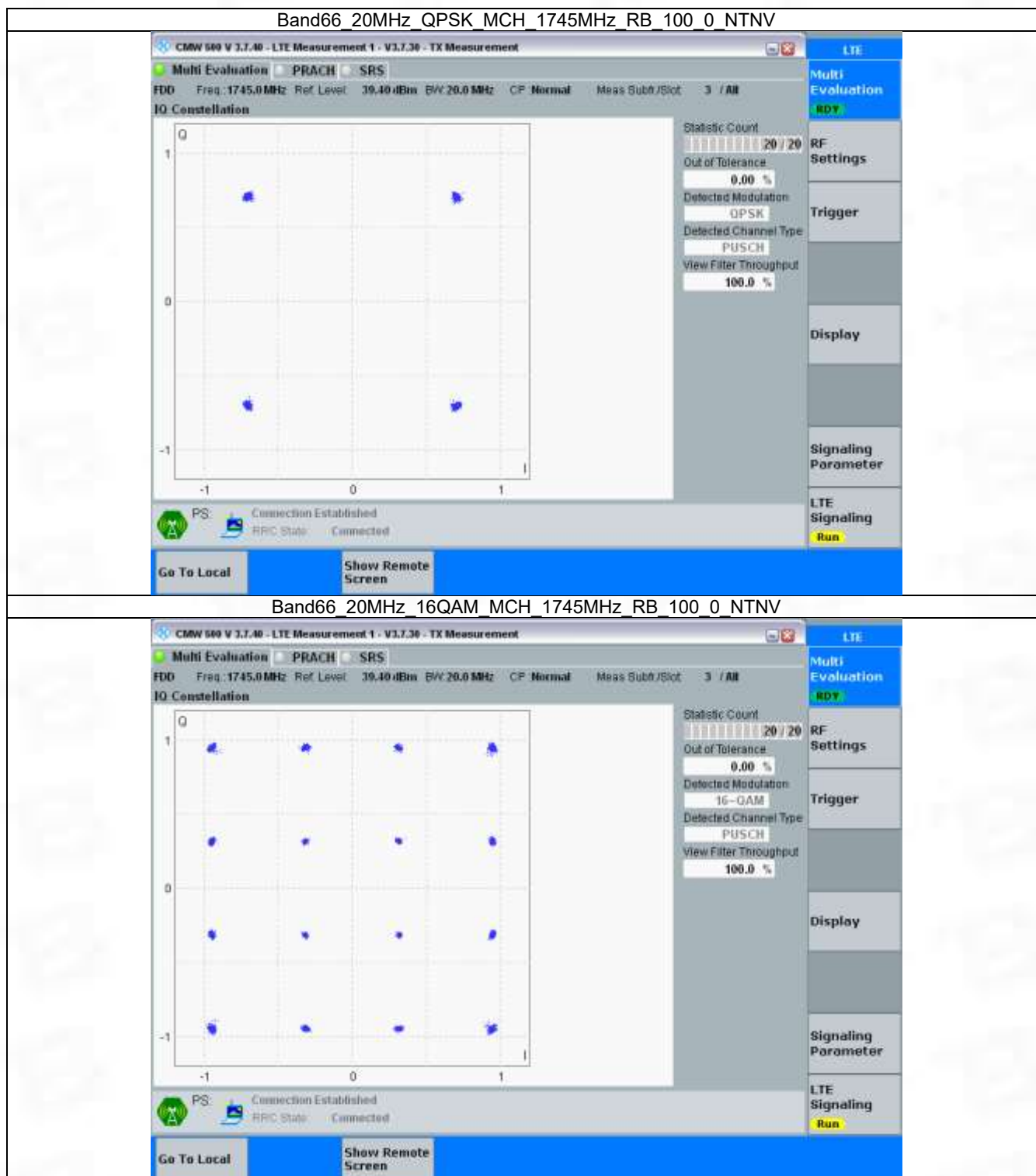
### 3.2.4 B66\_10MHz



### 3.2.5 B66\_15MHz



### 3.2.6 B66\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band66\_OBW

| Band: 66 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1710.7          | 6             | 0      | 1.107                        | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.098                        | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.102                        | /     | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.106                        | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.100                        | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.108                        | /     | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 2.715                        | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 2.720                        | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 2.719                        | /     | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 2.709                        | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 2.710                        | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 2.713                        | /     | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 4.548                        | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 4.553                        | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 4.574                        | /     | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 4.586                        | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 4.570                        | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 4.550                        | /     | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 9.081                        | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 9.035                        | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 9.048                        | /     | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 9.062                        | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 9.061                        | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 9.043                        | /     | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 13.572                       | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 13.523                       | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 13.558                       | /     | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 13.549                       | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 13.573                       | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 13.552                       | /     | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 18.081                       | /     | Pass    |
|                 |            | 1745            | 100           | 0      | 18.055                       | /     | Pass    |
|                 |            | 1770            | 100           | 0      | 18.023                       | /     | Pass    |
|                 | 16QAM      | 1720            | 100           | 0      | 18.113                       | /     | Pass    |
|                 |            | 1745            | 100           | 0      | 18.104                       | /     | Pass    |
|                 |            | 1770            | 100           | 0      | 18.071                       | /     | Pass    |

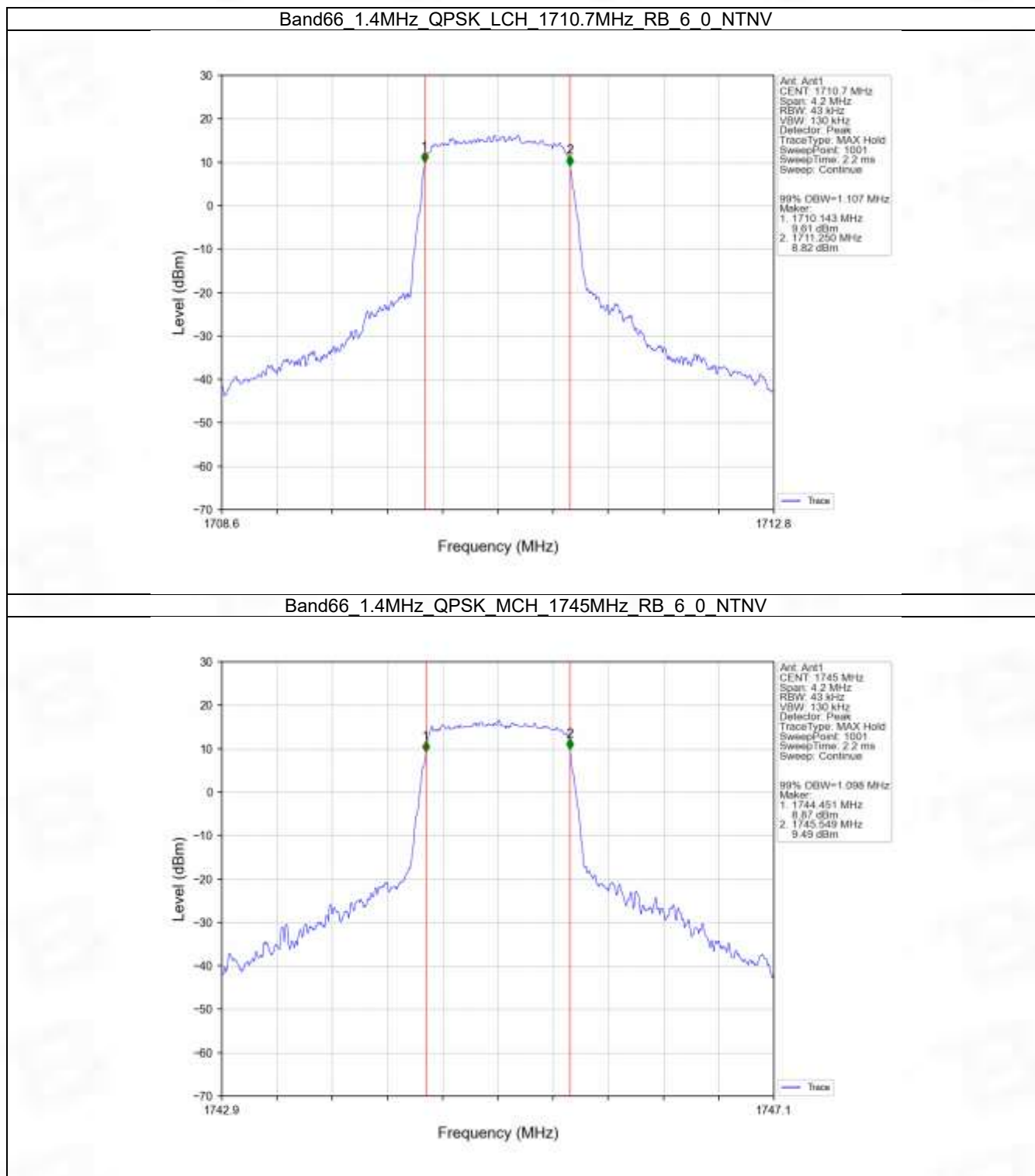
#### 4.1.2 Band66\_XDB

| Band: 66 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1710.7          | 6             | 0      | 1.258                | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.268                | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.270                | /     | Pass    |

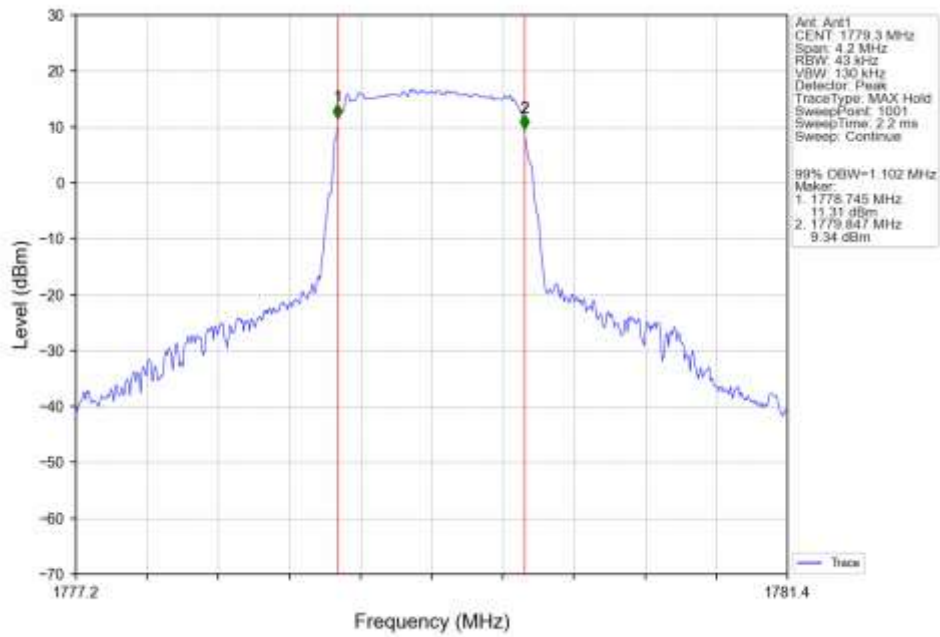
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 1710.7 | 6   | 0 | 1.267  | / | Pass |
|    |       | 1745   | 6   | 0 | 1.260  | / | Pass |
|    |       | 1779.3 | 6   | 0 | 1.272  | / | Pass |
| 3  | QPSK  | 1711.5 | 15  | 0 | 2.962  | / | Pass |
|    |       | 1745   | 15  | 0 | 2.962  | / | Pass |
|    |       | 1778.5 | 15  | 0 | 2.982  | / | Pass |
|    | 16QAM | 1711.5 | 15  | 0 | 2.972  | / | Pass |
|    |       | 1745   | 15  | 0 | 2.966  | / | Pass |
|    |       | 1778.5 | 15  | 0 | 2.974  | / | Pass |
| 5  | QPSK  | 1712.5 | 25  | 0 | 5.015  | / | Pass |
|    |       | 1745   | 25  | 0 | 5.070  | / | Pass |
|    |       | 1777.5 | 25  | 0 | 5.065  | / | Pass |
|    | 16QAM | 1712.5 | 25  | 0 | 5.078  | / | Pass |
|    |       | 1745   | 25  | 0 | 5.063  | / | Pass |
|    |       | 1777.5 | 25  | 0 | 5.056  | / | Pass |
| 10 | QPSK  | 1715   | 50  | 0 | 9.973  | / | Pass |
|    |       | 1745   | 50  | 0 | 9.991  | / | Pass |
|    |       | 1775   | 50  | 0 | 10.050 | / | Pass |
|    | 16QAM | 1715   | 50  | 0 | 10.051 | / | Pass |
|    |       | 1745   | 50  | 0 | 10.059 | / | Pass |
|    |       | 1775   | 50  | 0 | 10.089 | / | Pass |
| 15 | QPSK  | 1717.5 | 75  | 0 | 15.158 | / | Pass |
|    |       | 1745   | 75  | 0 | 15.098 | / | Pass |
|    |       | 1772.5 | 75  | 0 | 15.129 | / | Pass |
|    | 16QAM | 1717.5 | 75  | 0 | 15.117 | / | Pass |
|    |       | 1745   | 75  | 0 | 15.123 | / | Pass |
|    |       | 1772.5 | 75  | 0 | 15.187 | / | Pass |
| 20 | QPSK  | 1720   | 100 | 0 | 20.037 | / | Pass |
|    |       | 1745   | 100 | 0 | 20.021 | / | Pass |
|    |       | 1770   | 100 | 0 | 19.875 | / | Pass |
|    | 16QAM | 1720   | 100 | 0 | 20.008 | / | Pass |
|    |       | 1745   | 100 | 0 | 20.095 | / | Pass |
|    |       | 1770   | 100 | 0 | 19.972 | / | Pass |

## 4.2 Test Graph

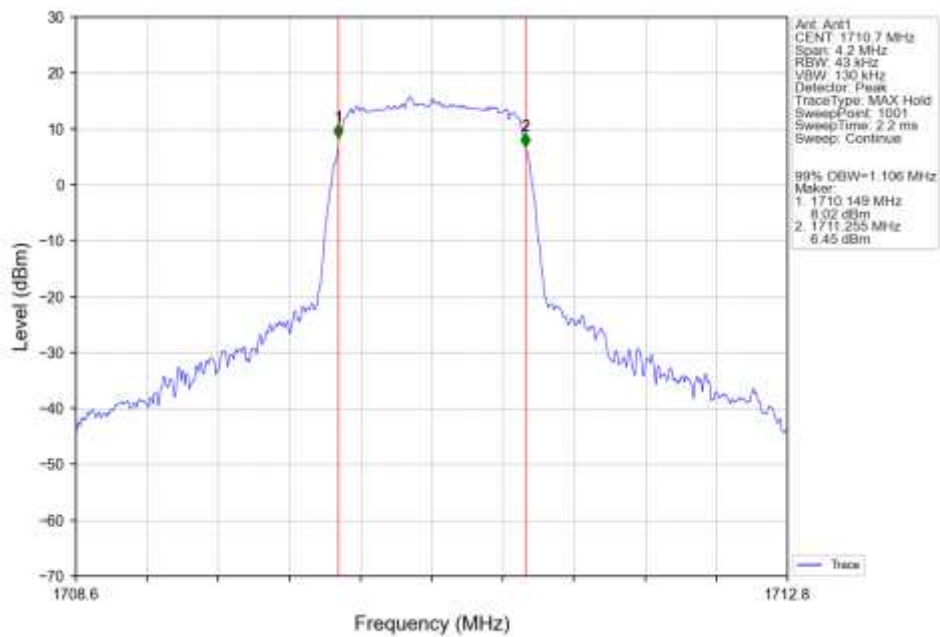
### 4.2.1 Band66\_OBW



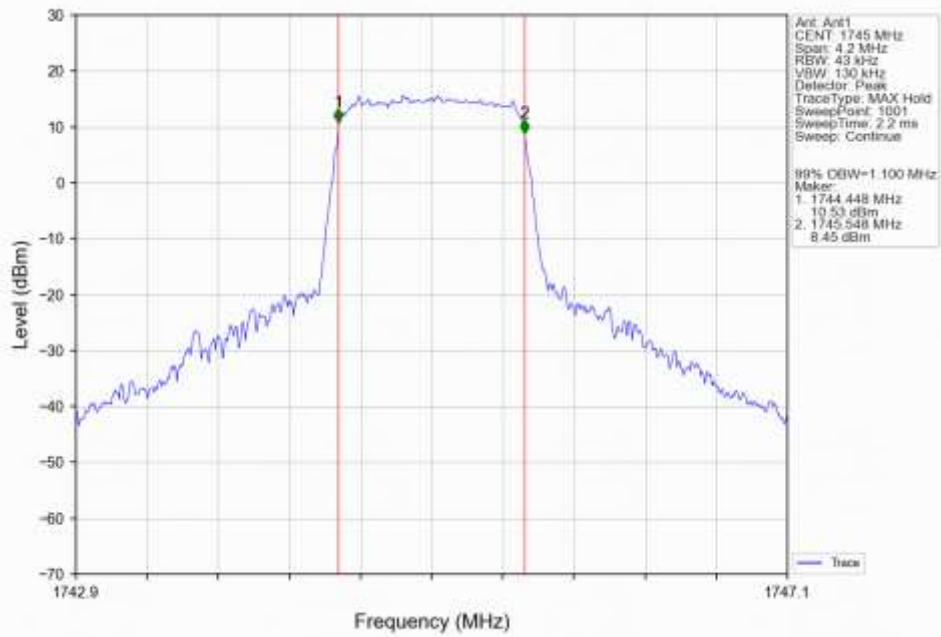
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



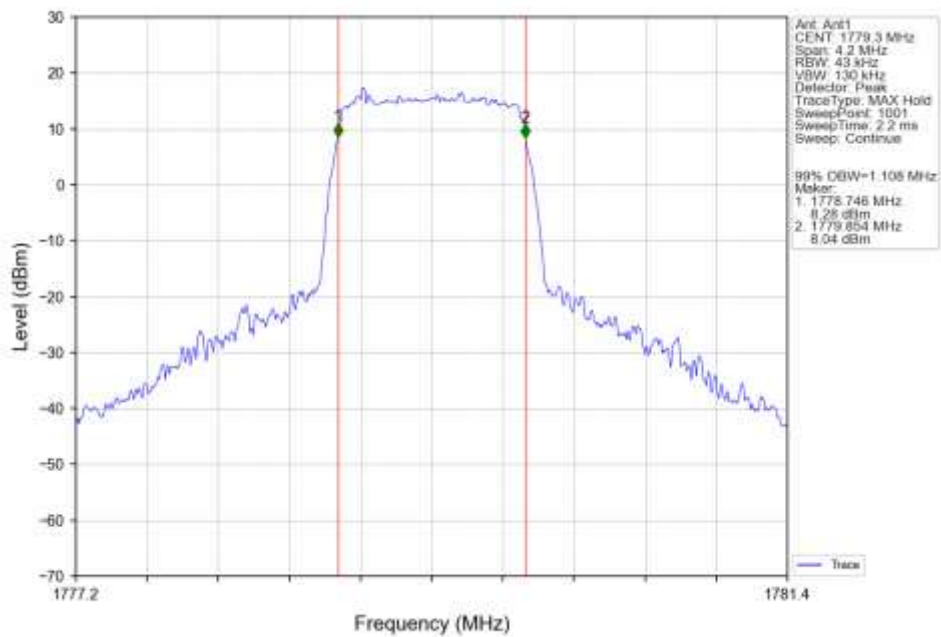
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



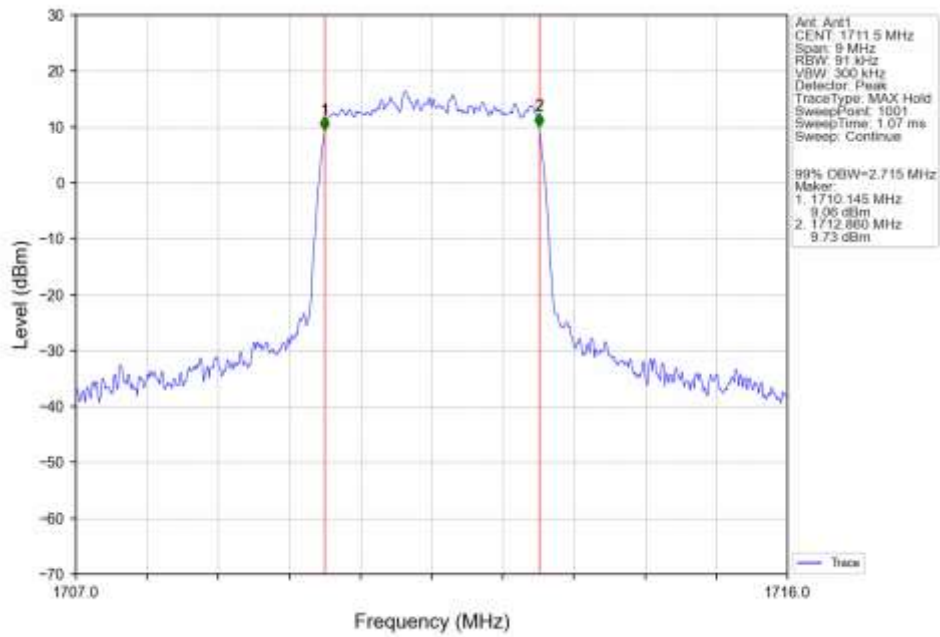
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



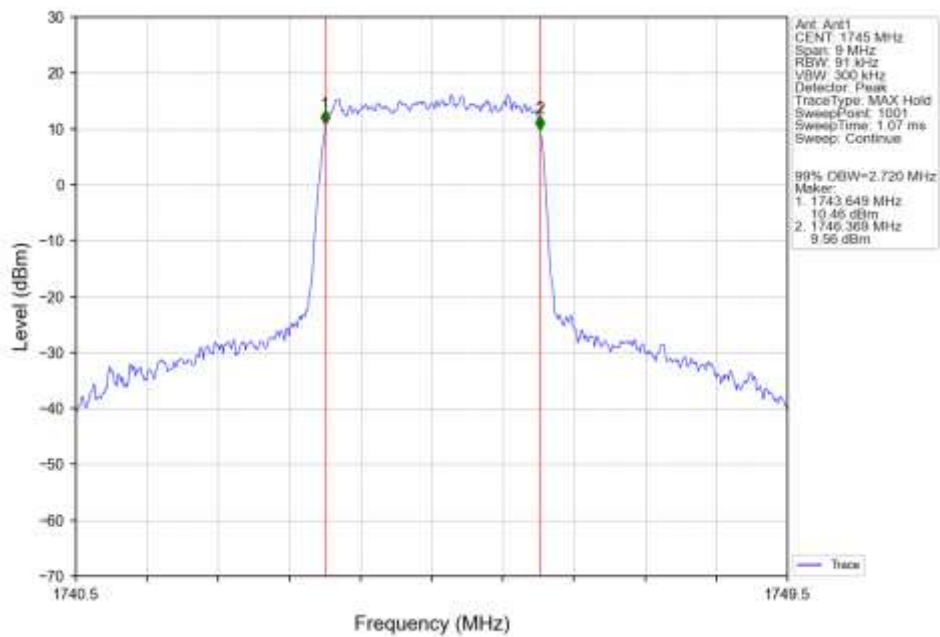
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



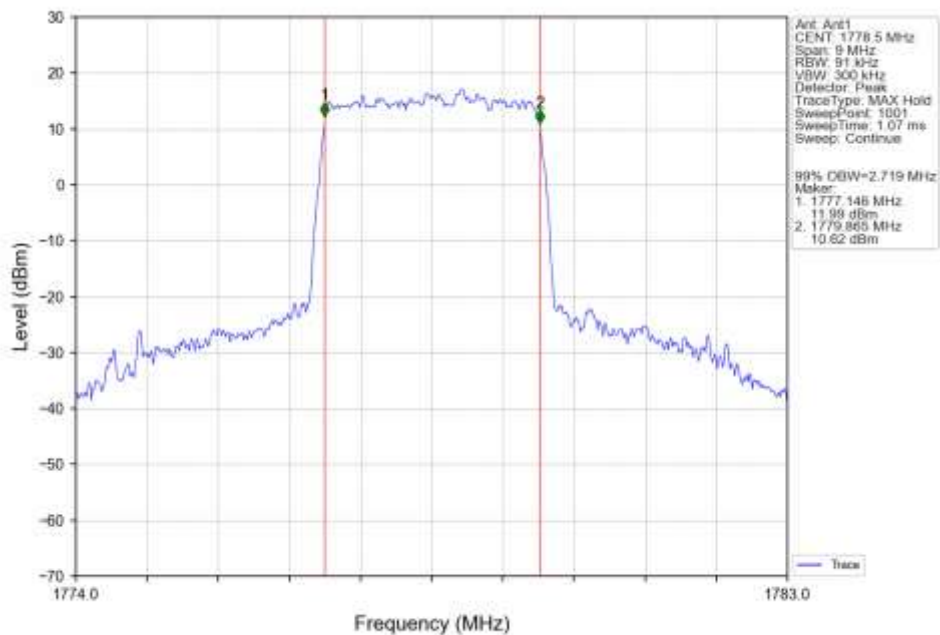
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



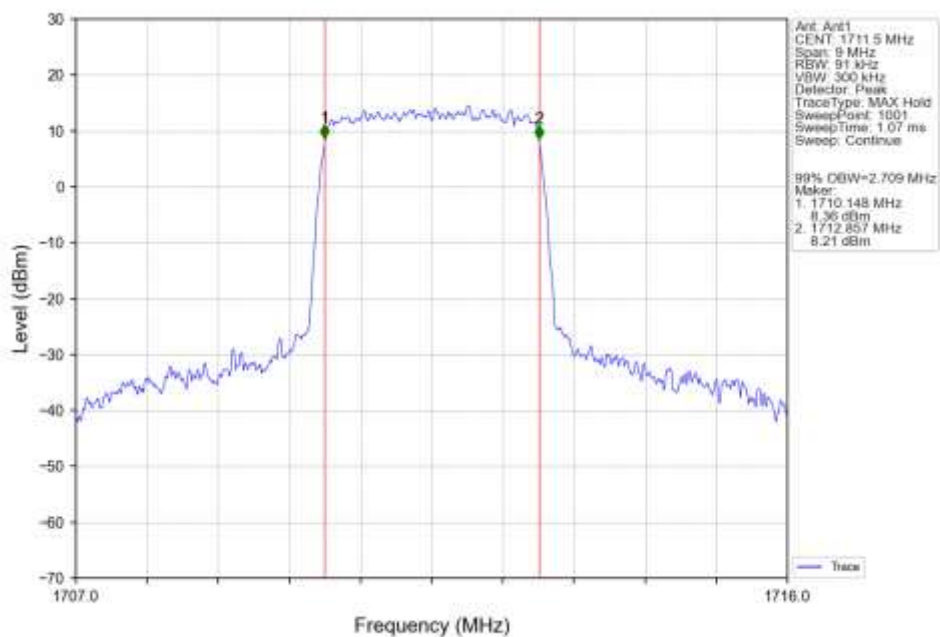
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



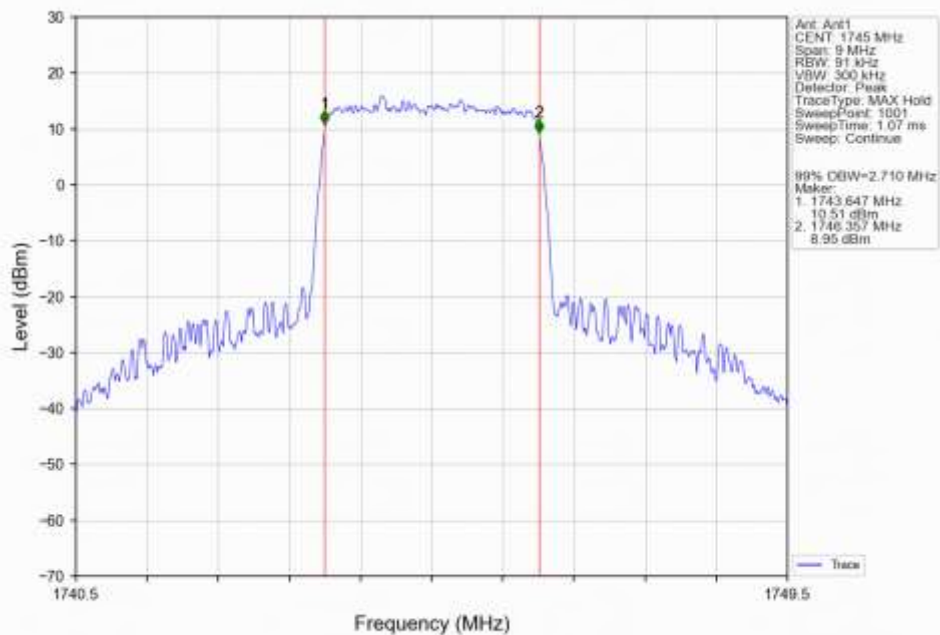
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



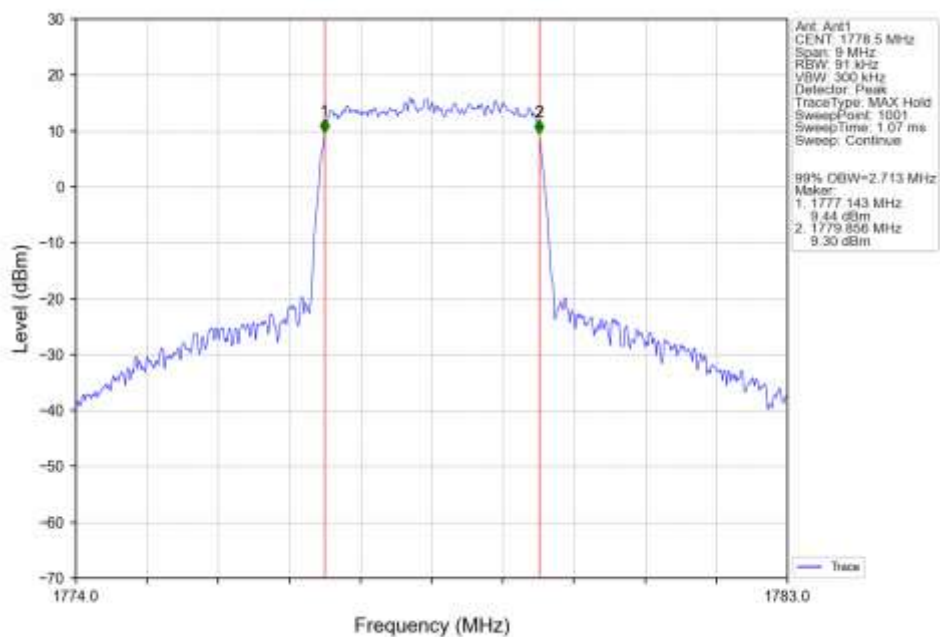
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



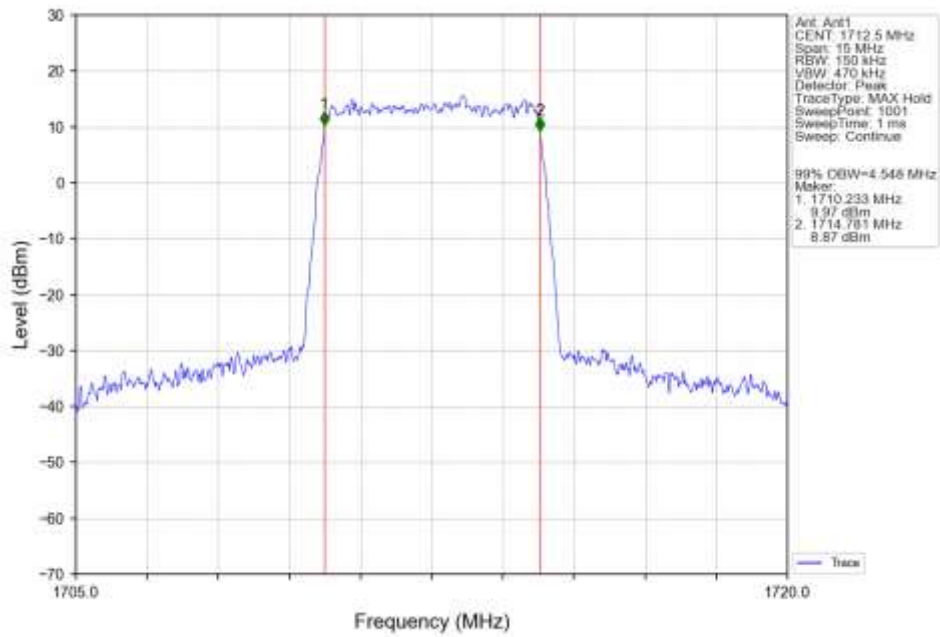
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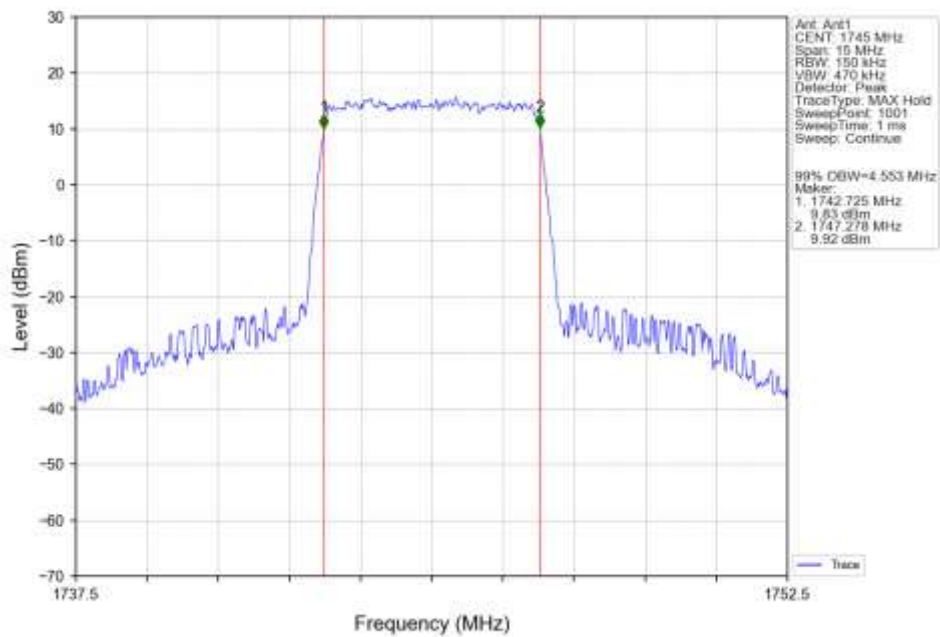
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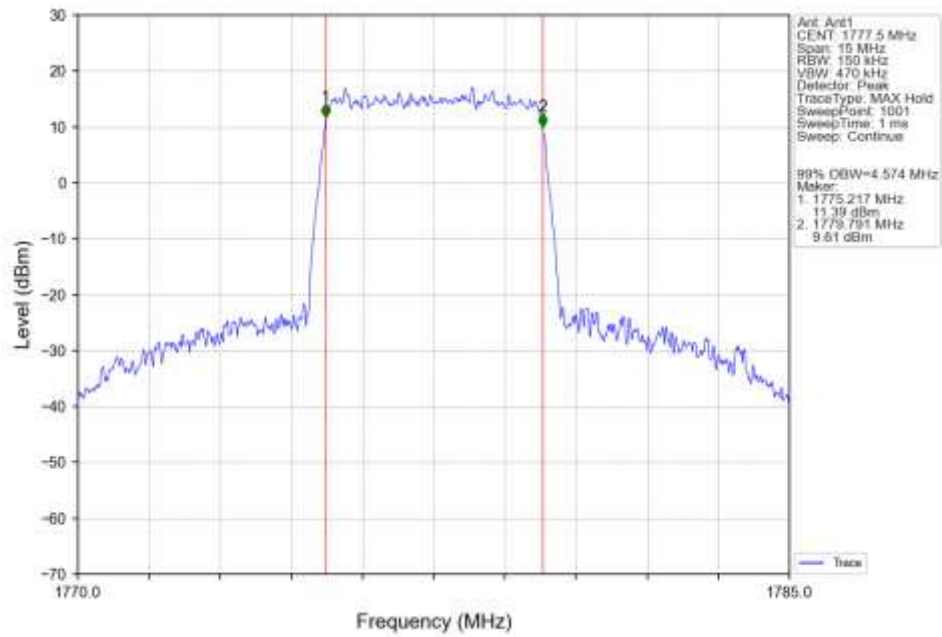
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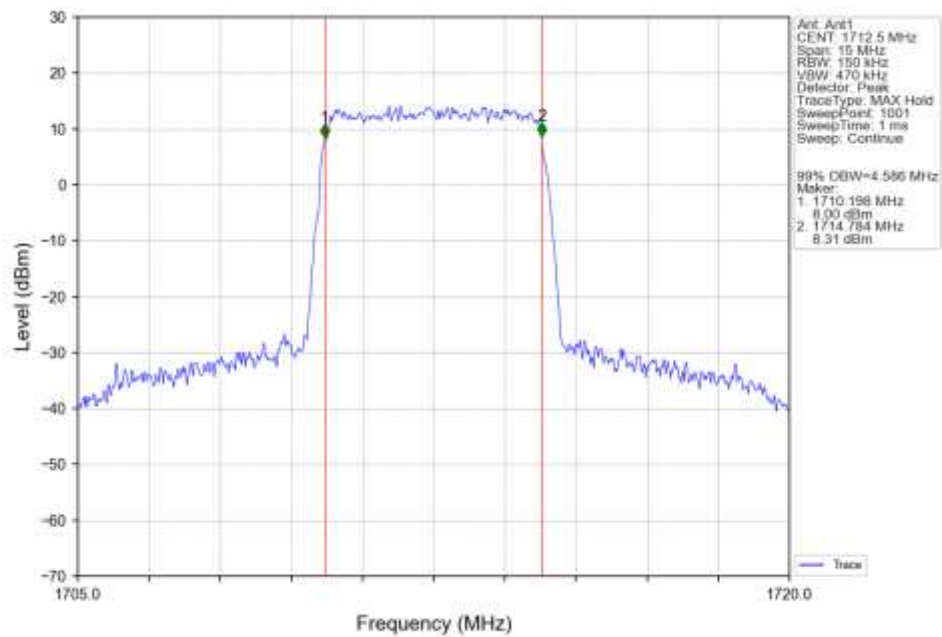
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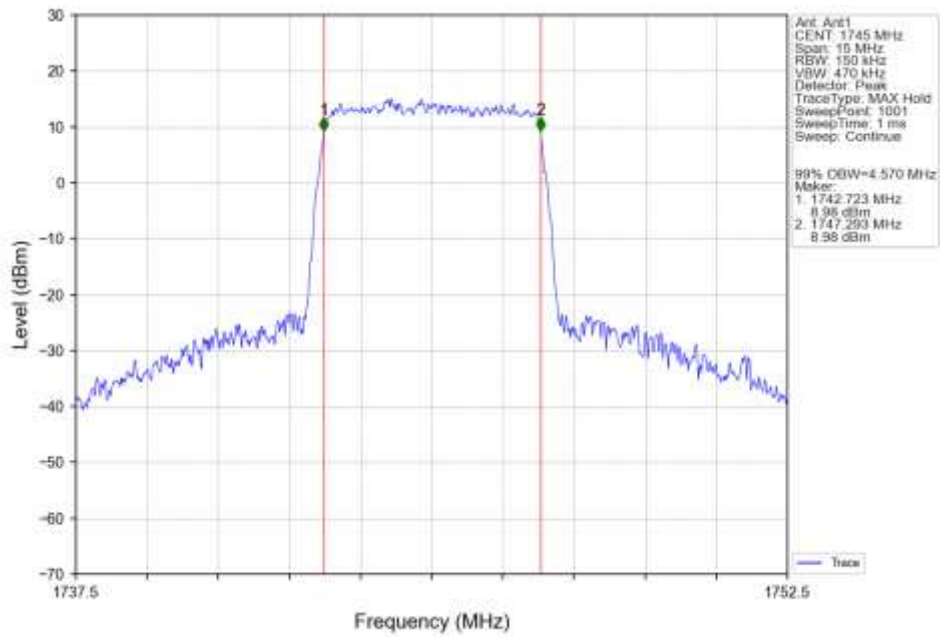
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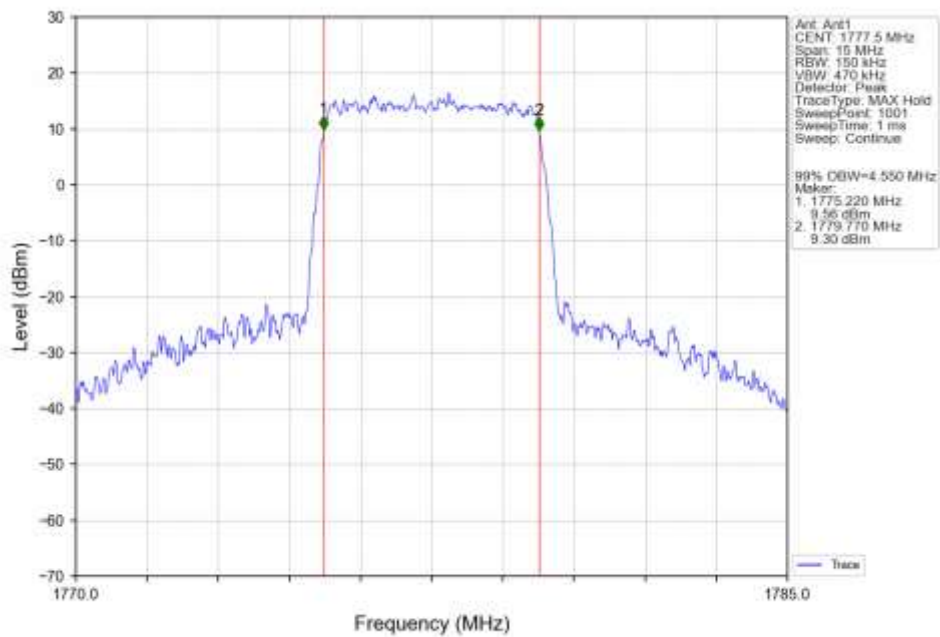
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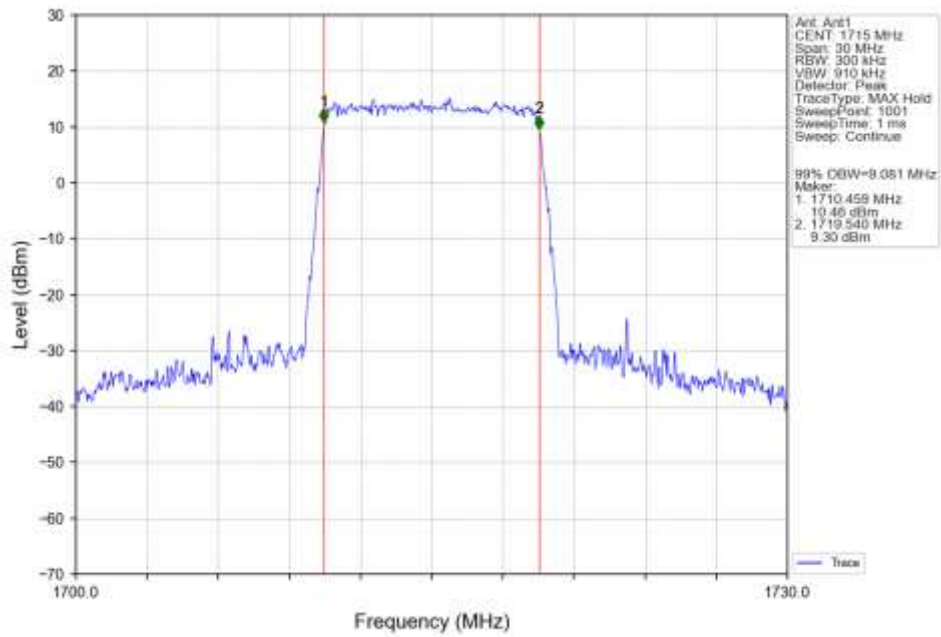
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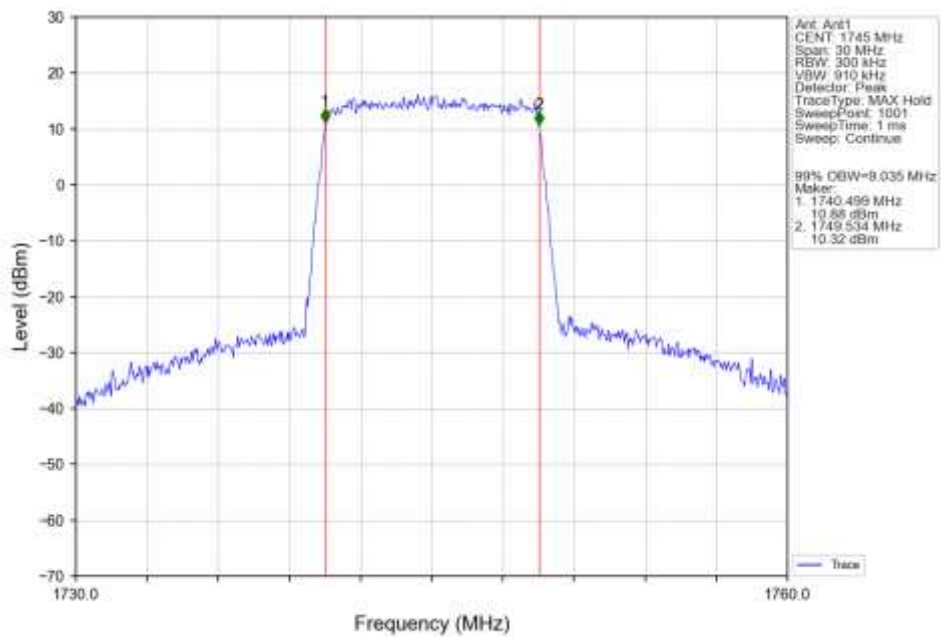
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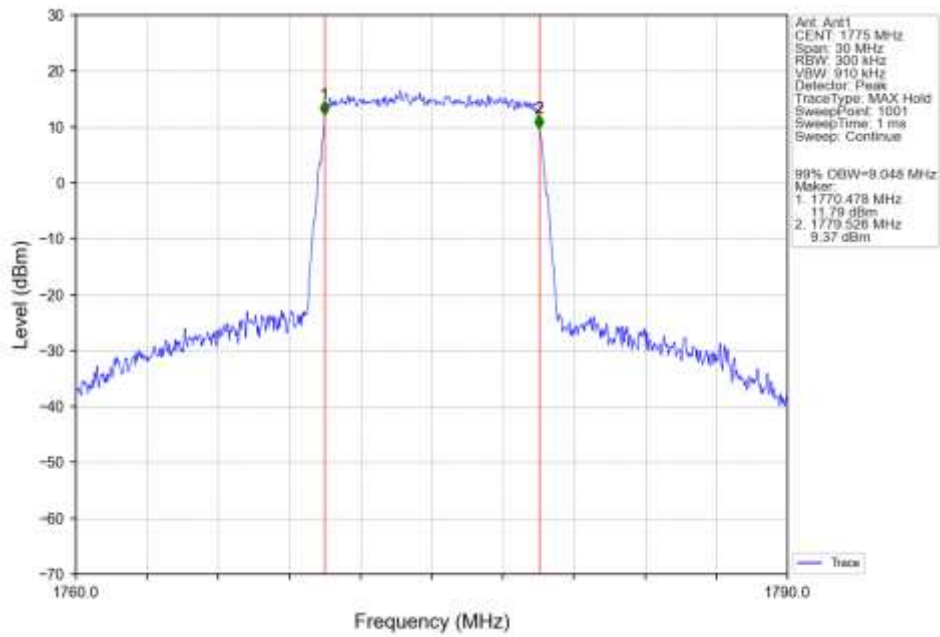
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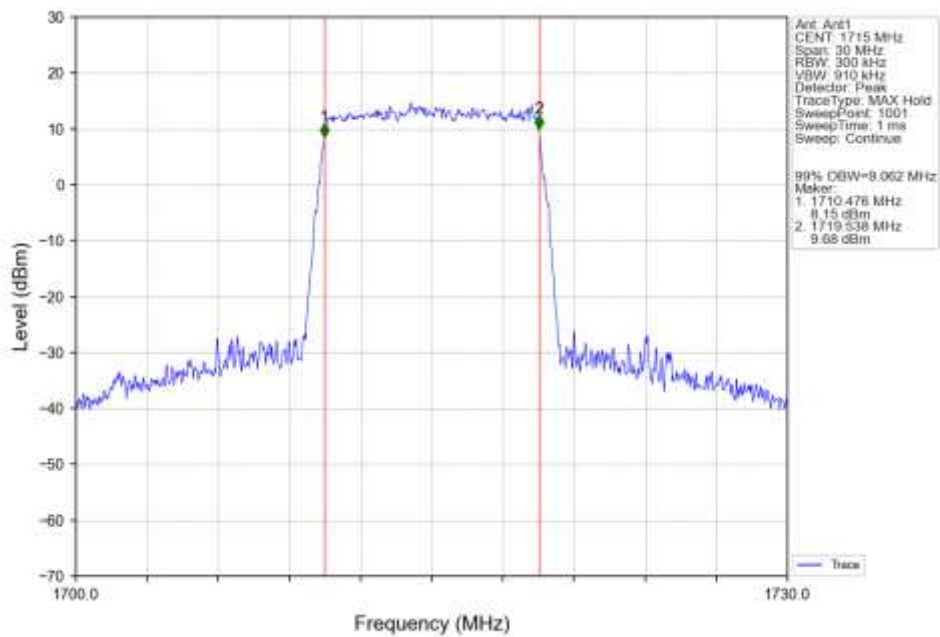
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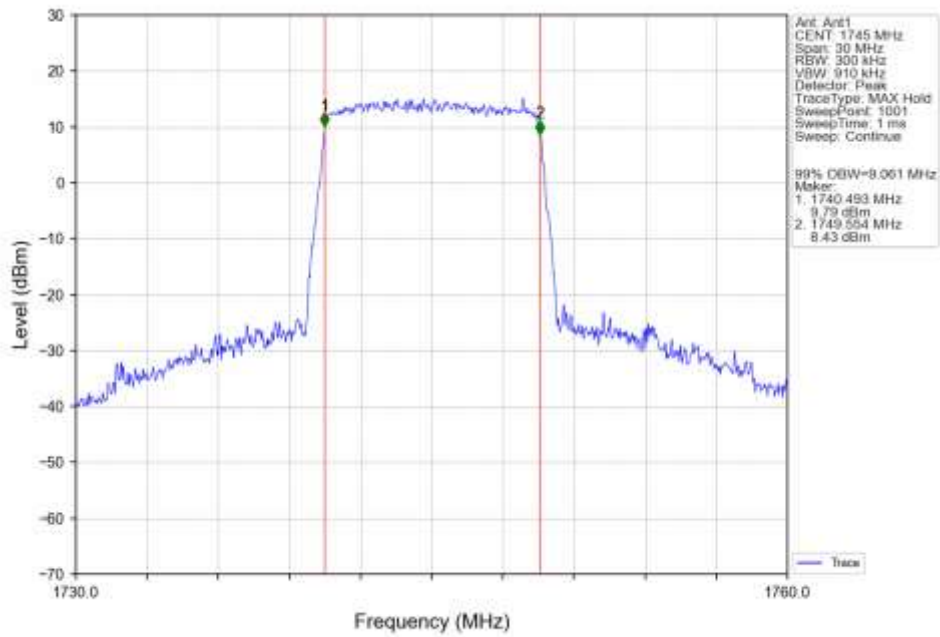
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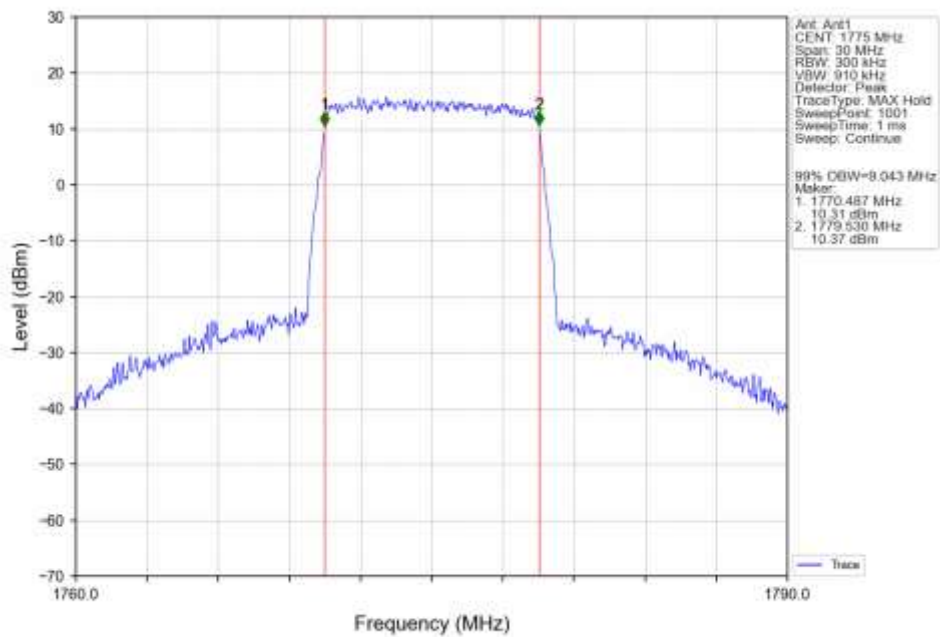
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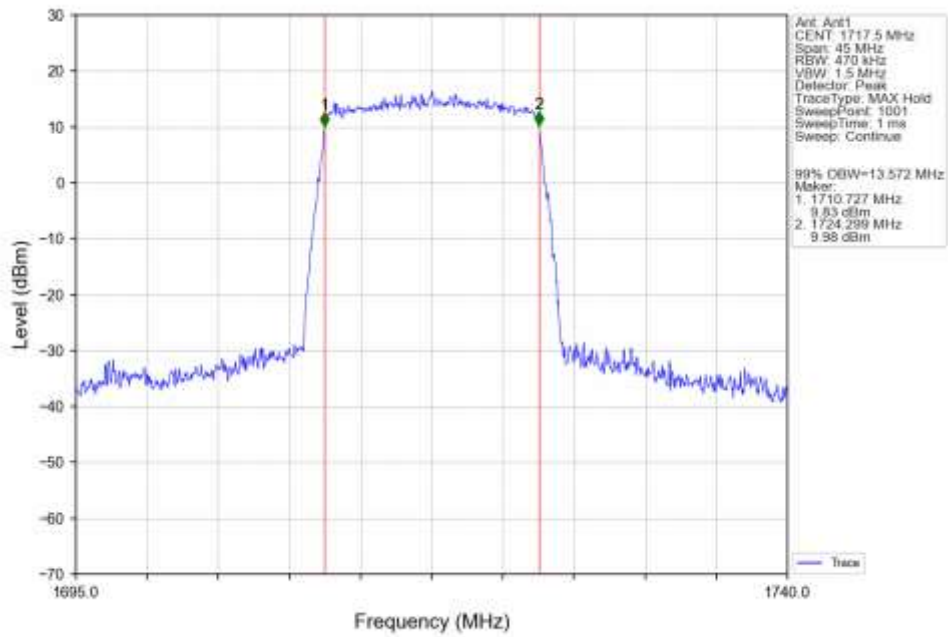
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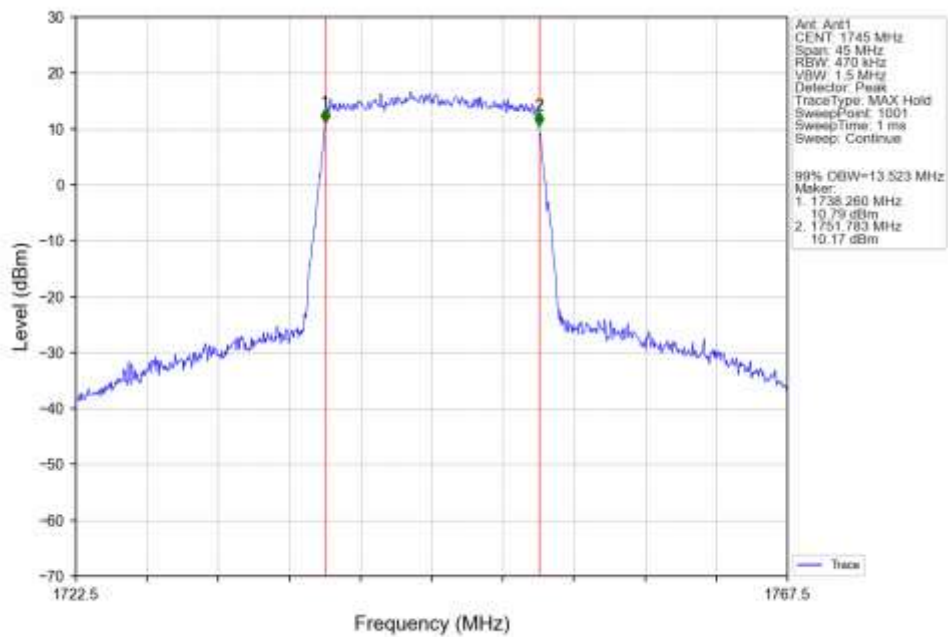
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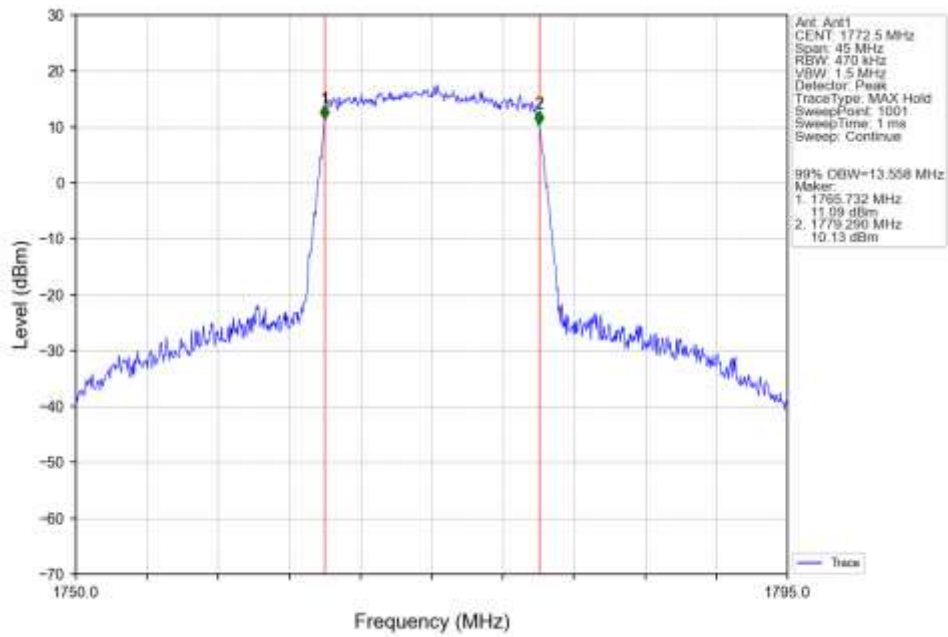
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



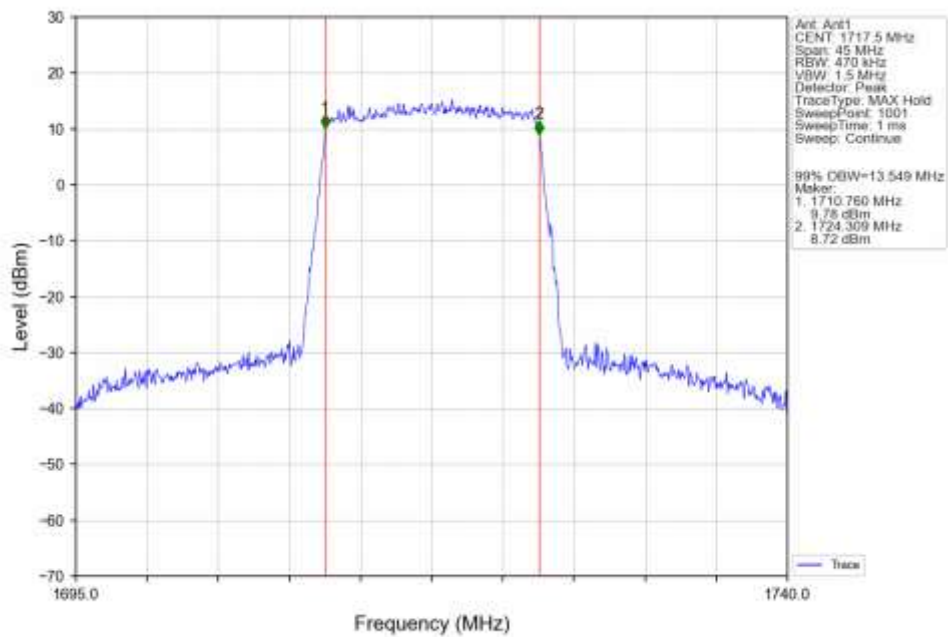
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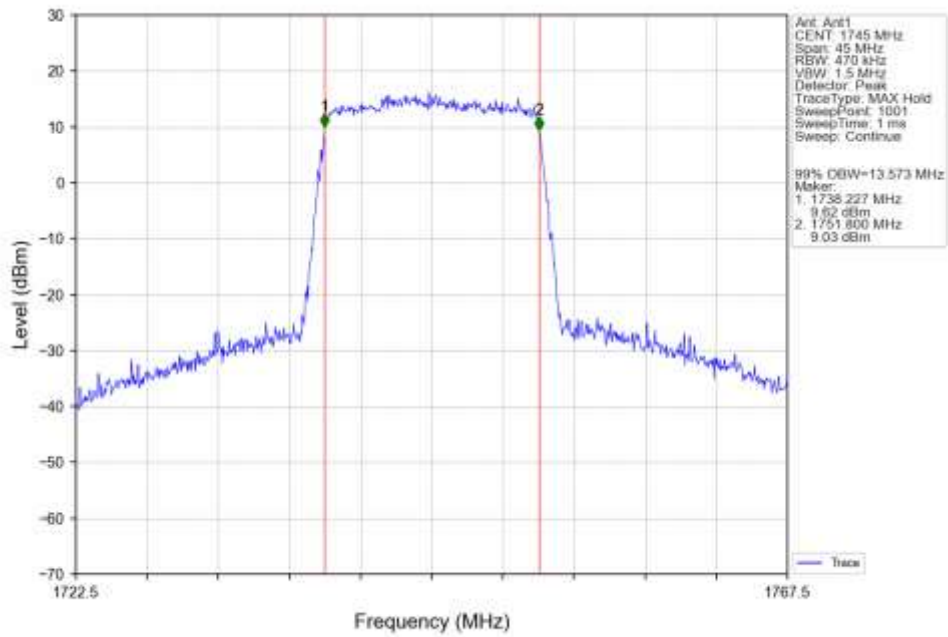
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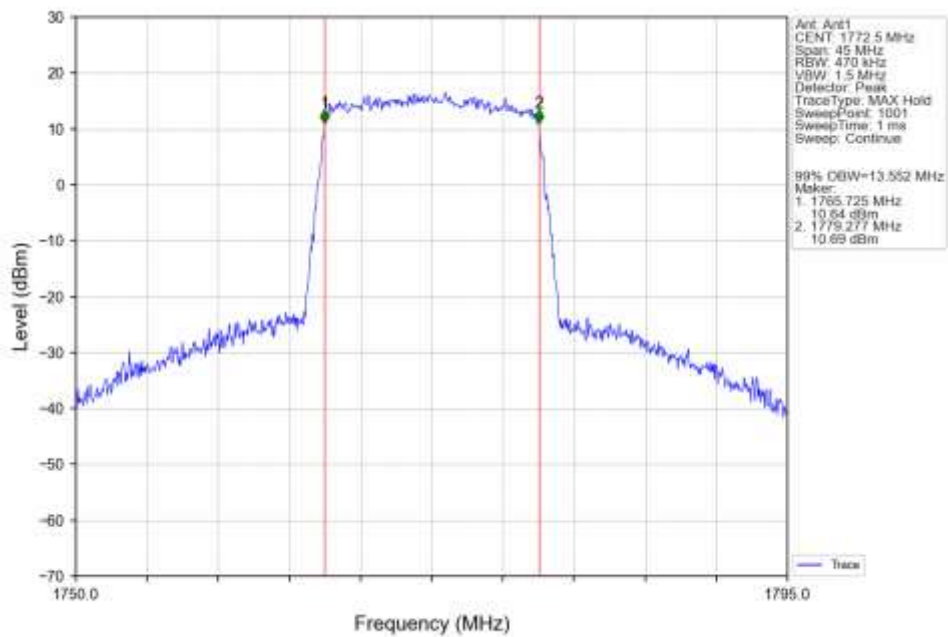
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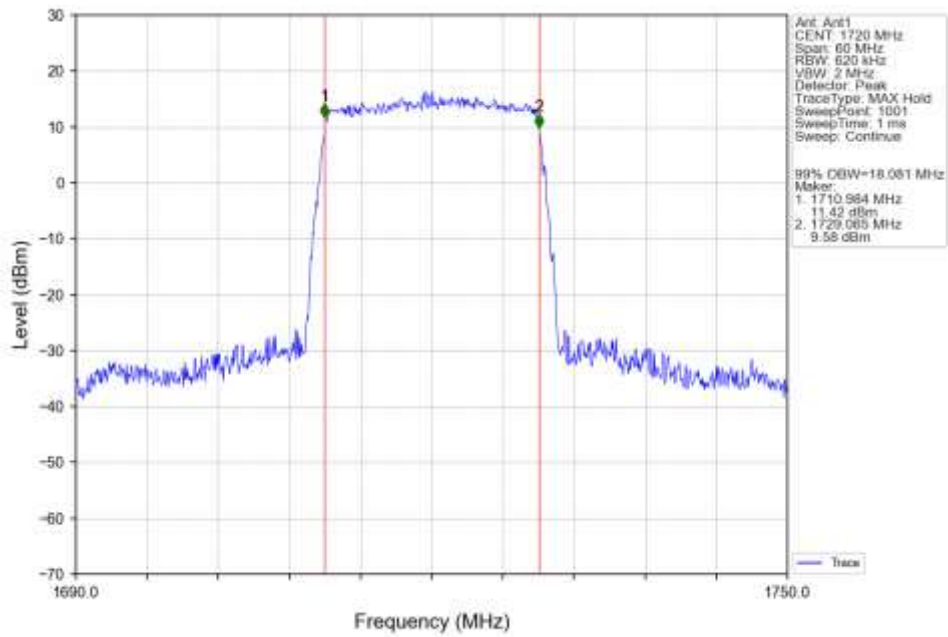
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



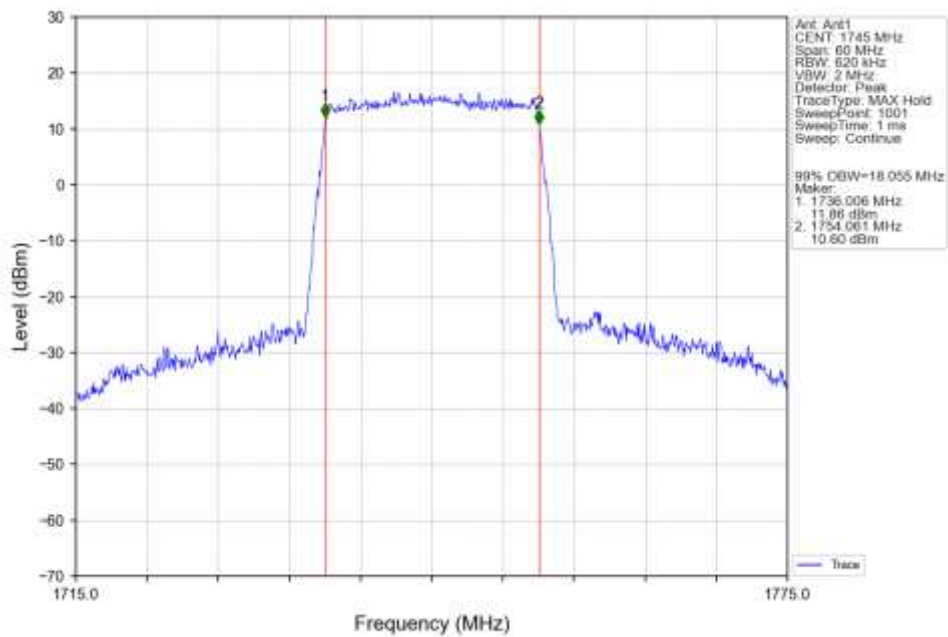
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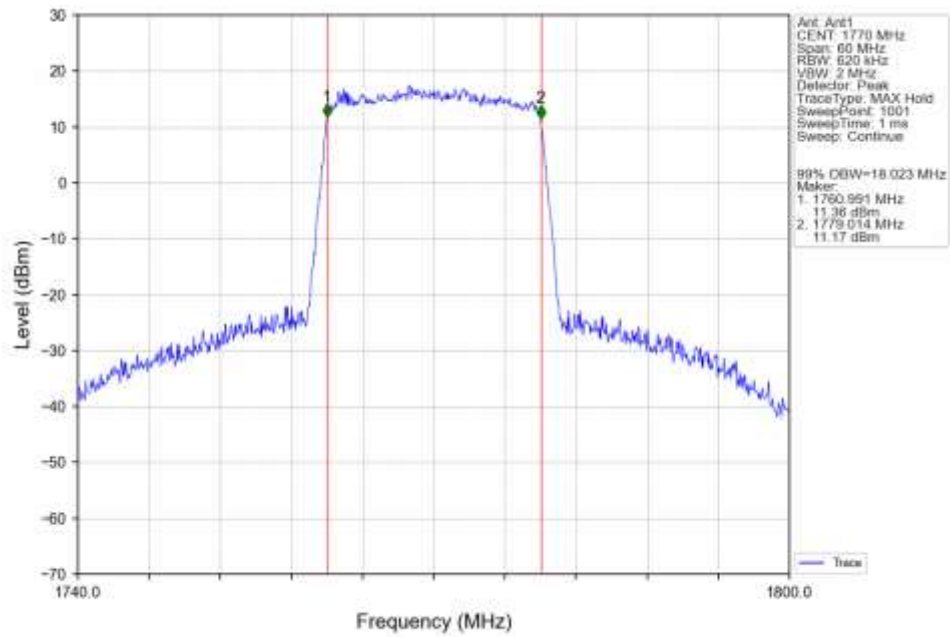
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



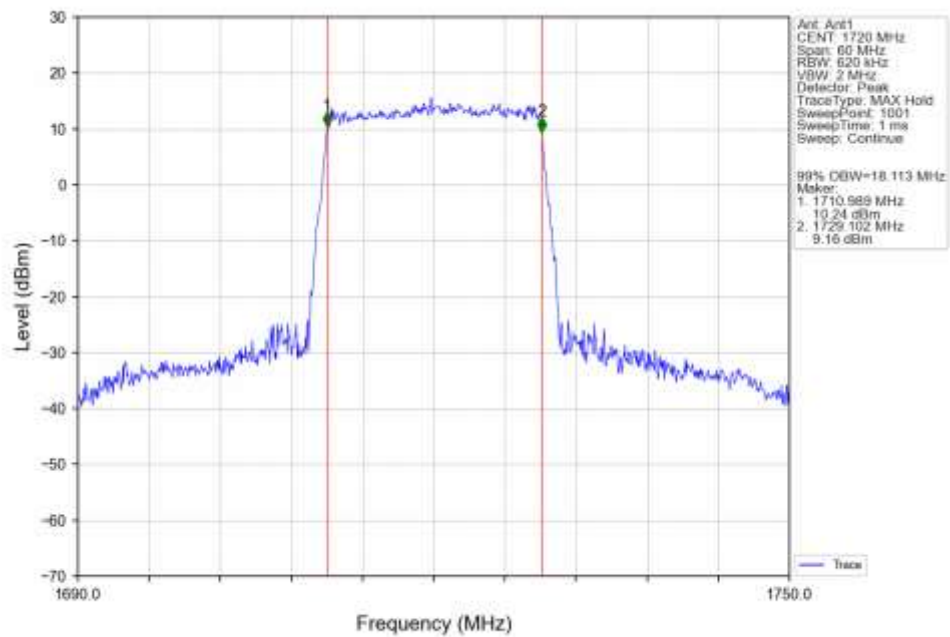
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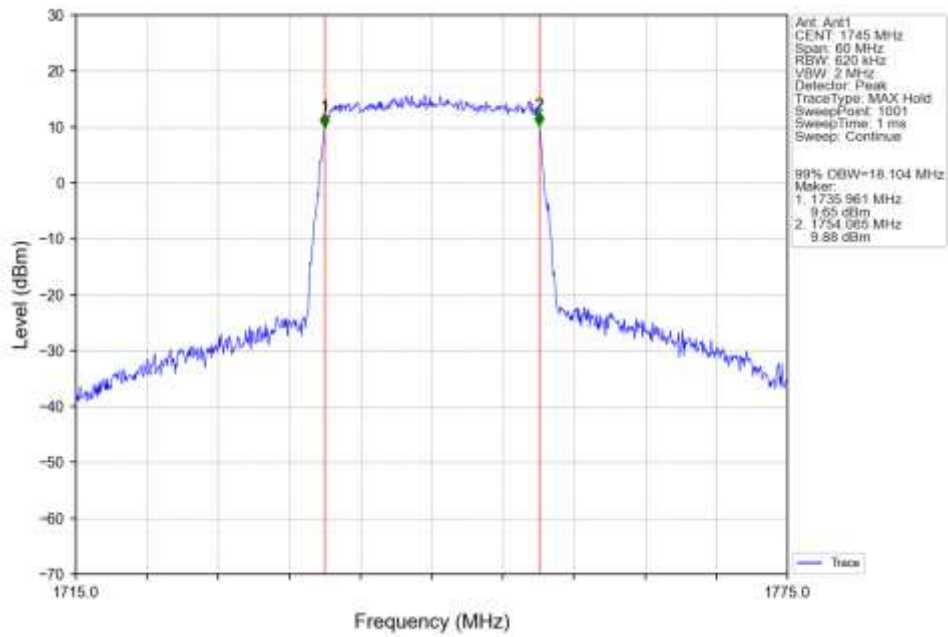
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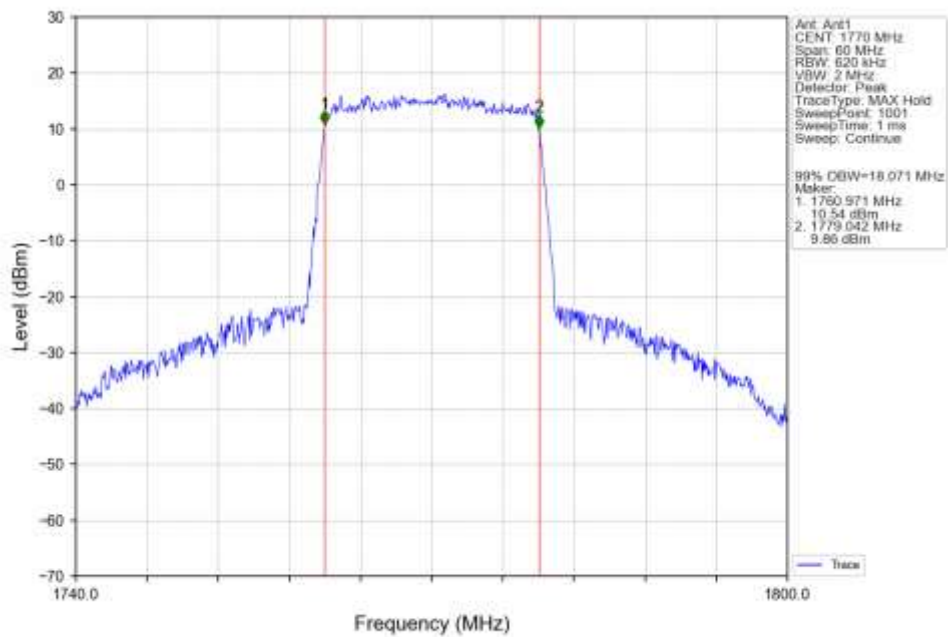
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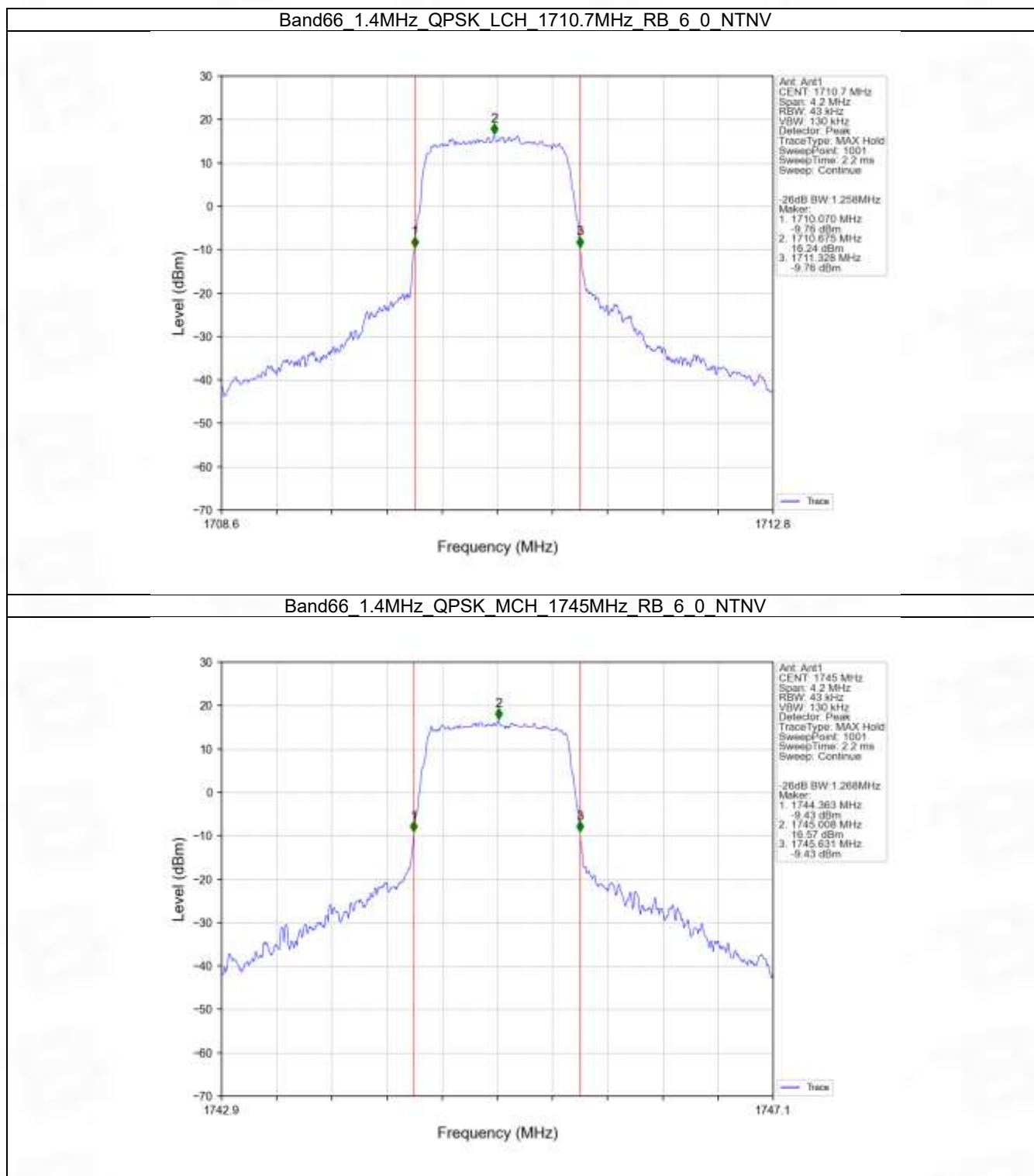
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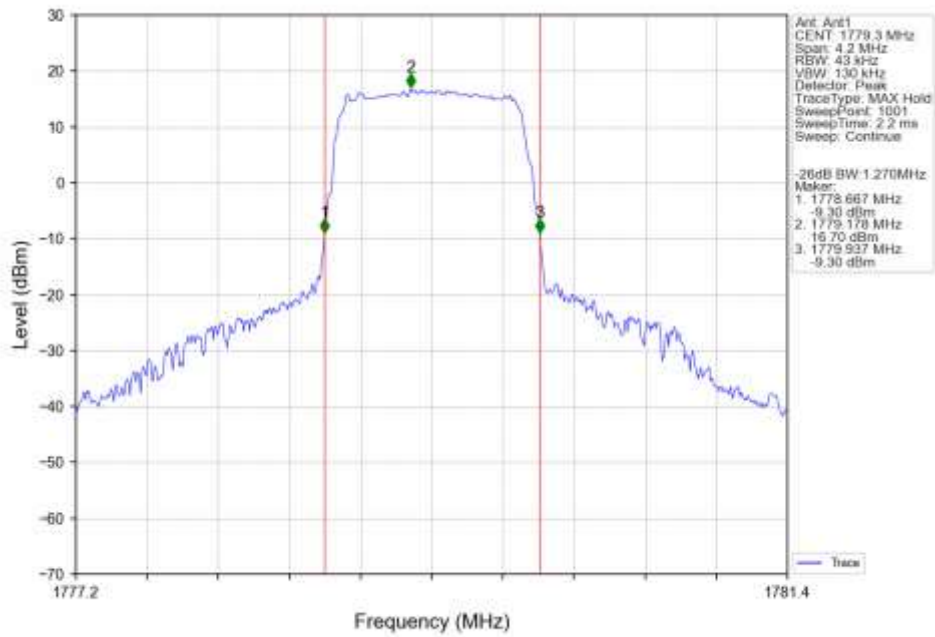
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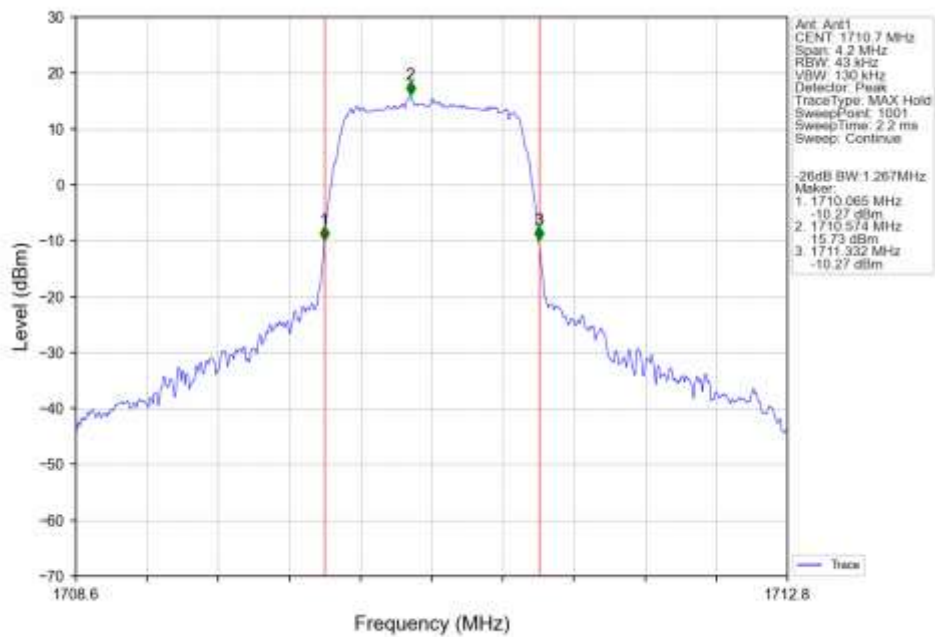
### 4.2.2 Band66\_XDB



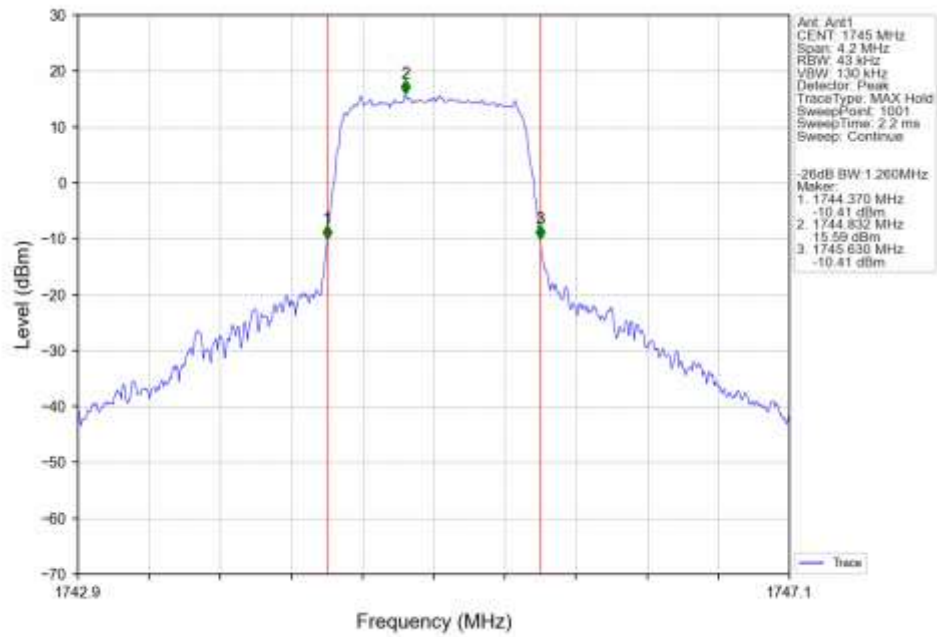
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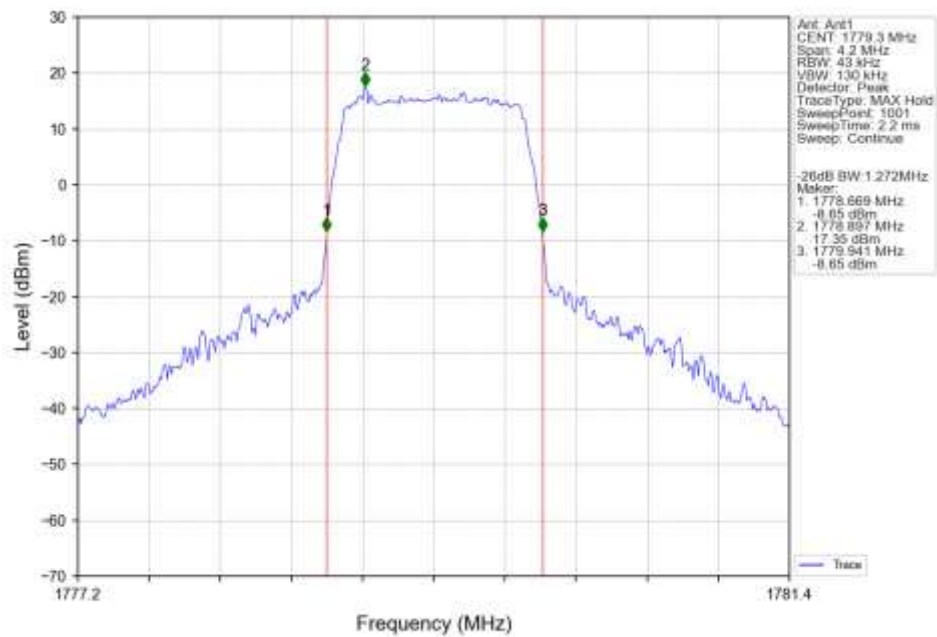
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



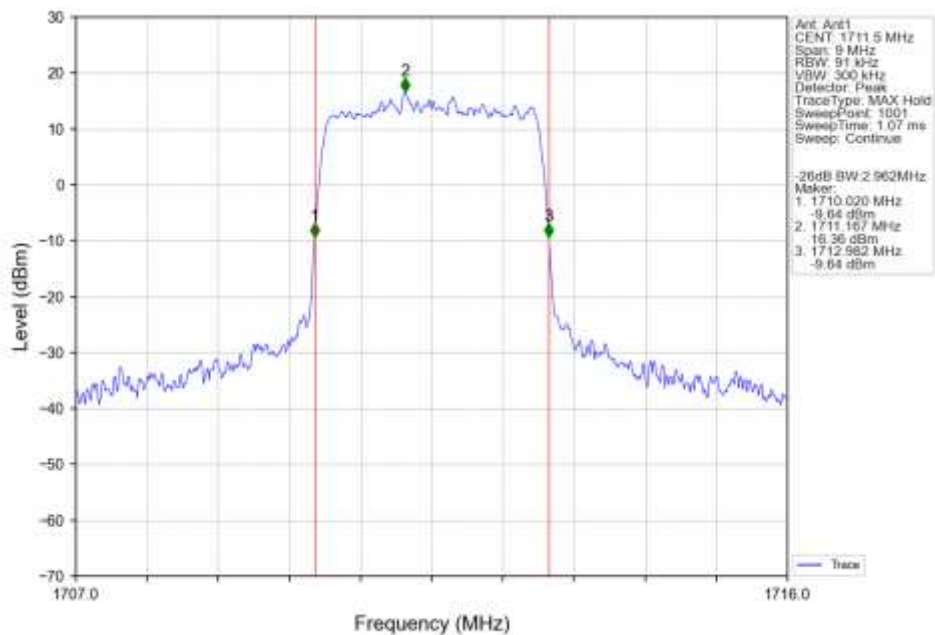
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



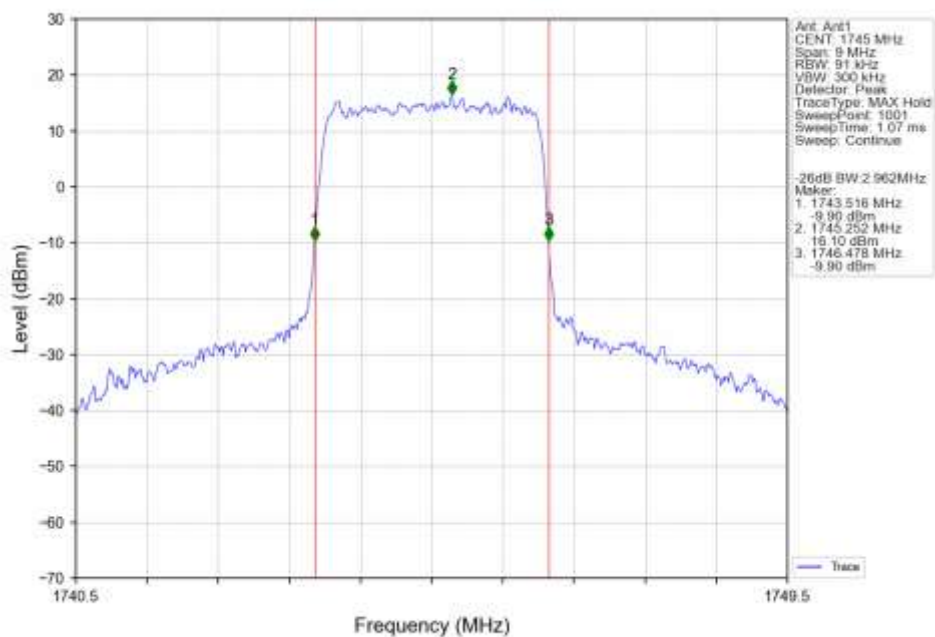
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



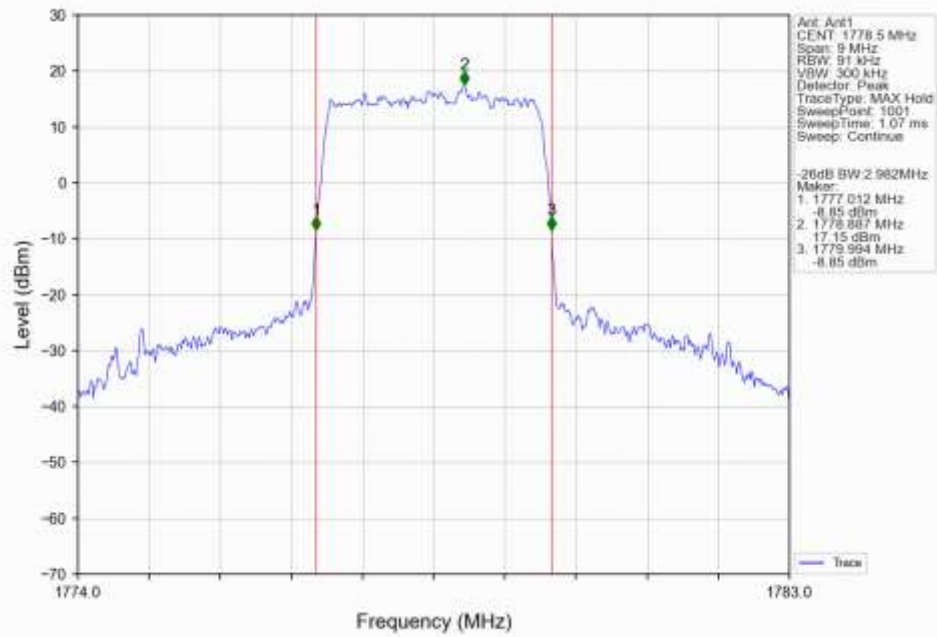
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



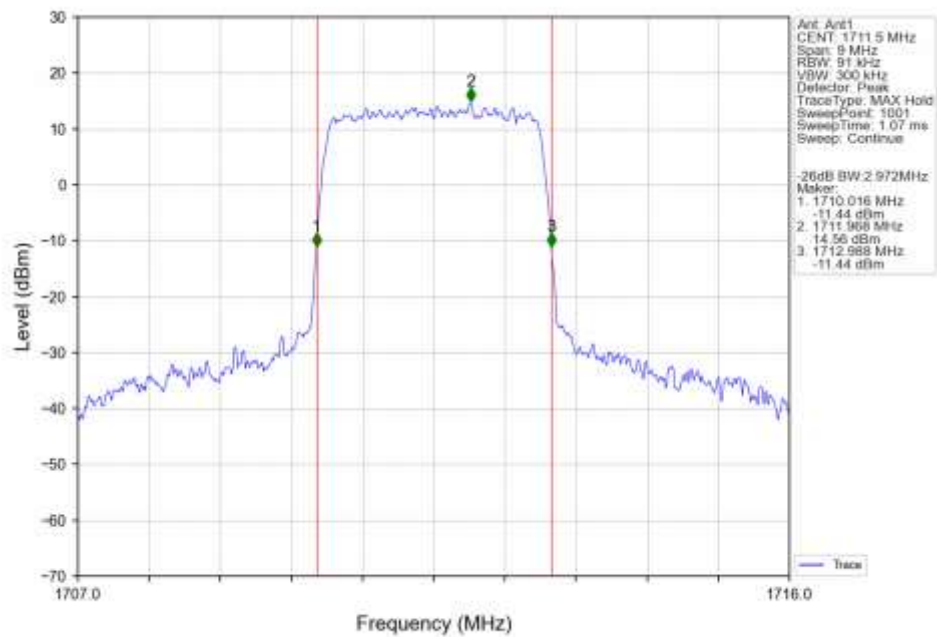
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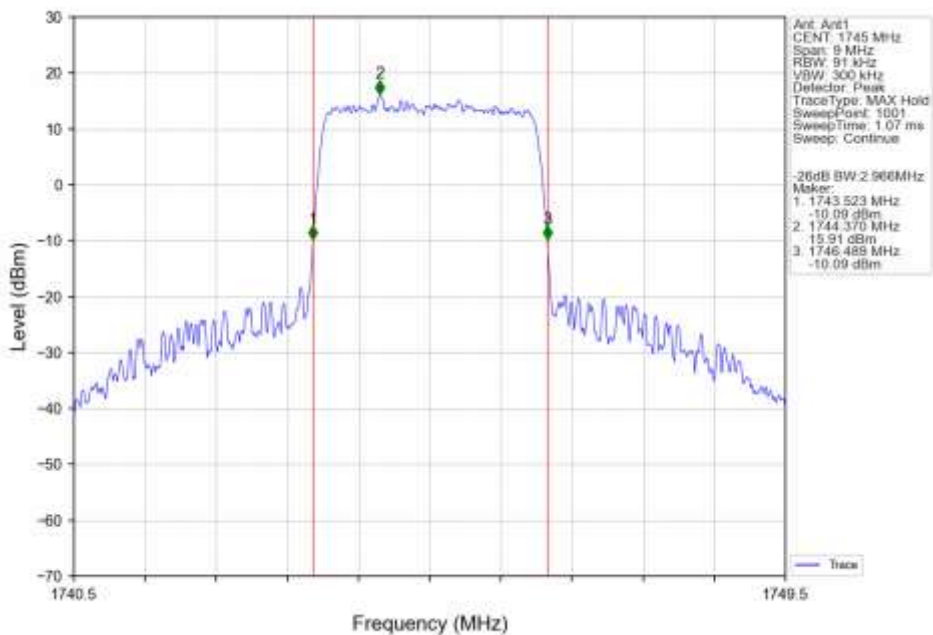
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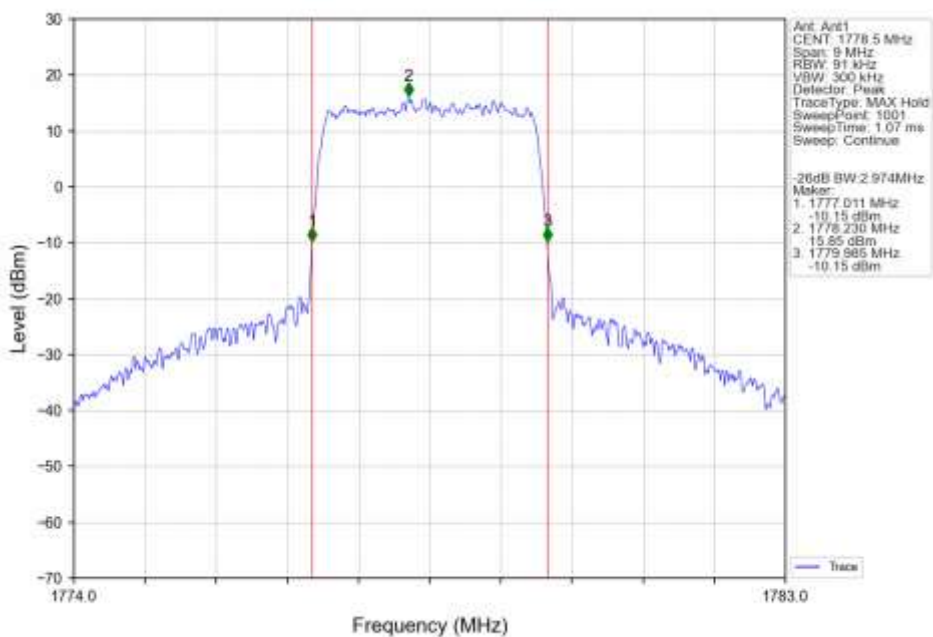
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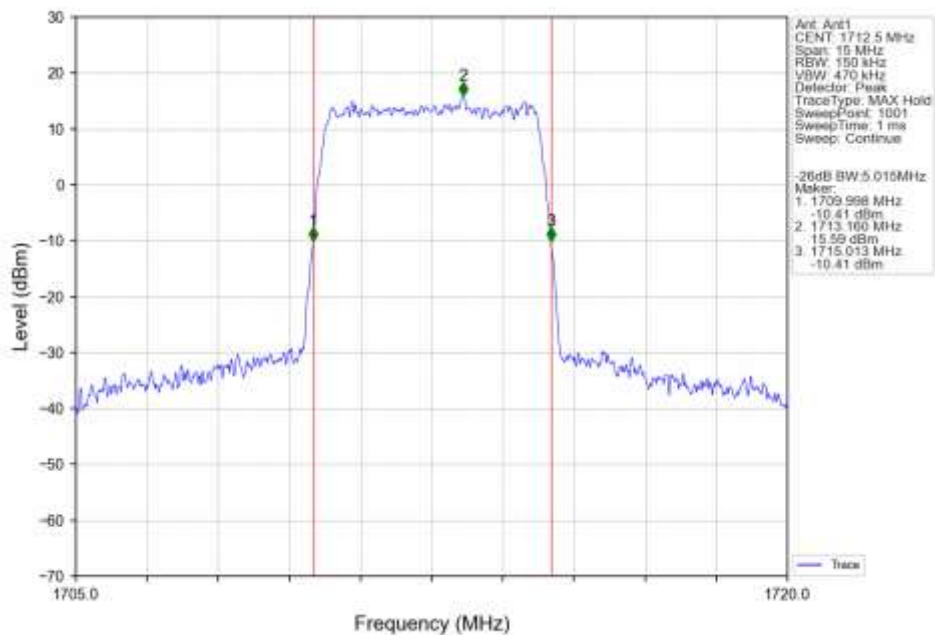
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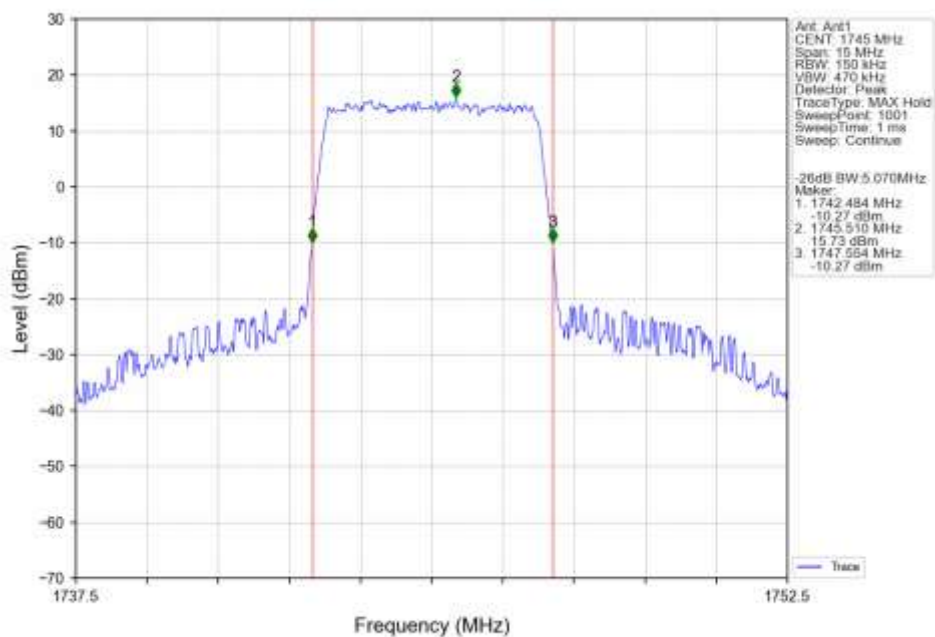
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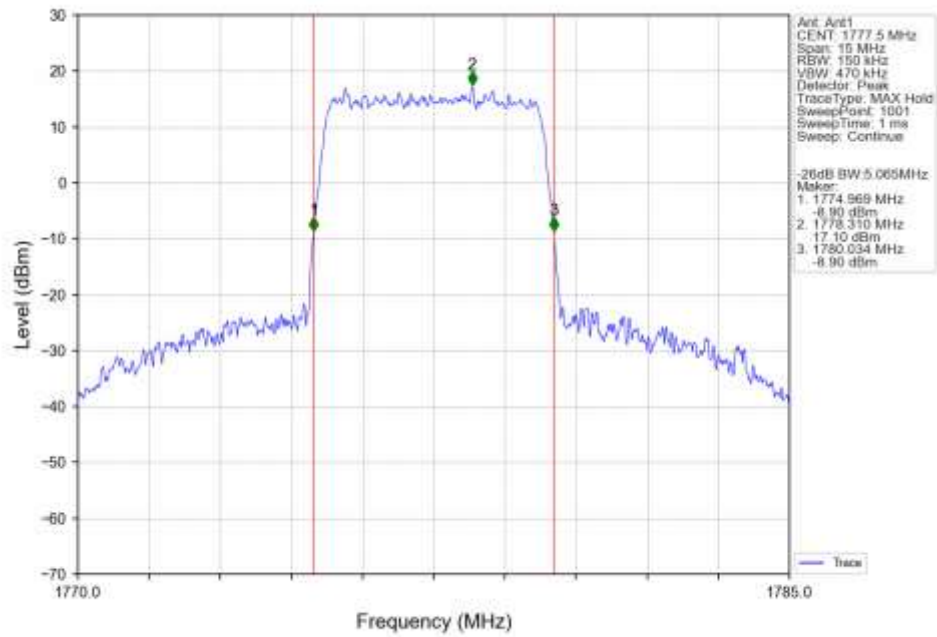
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



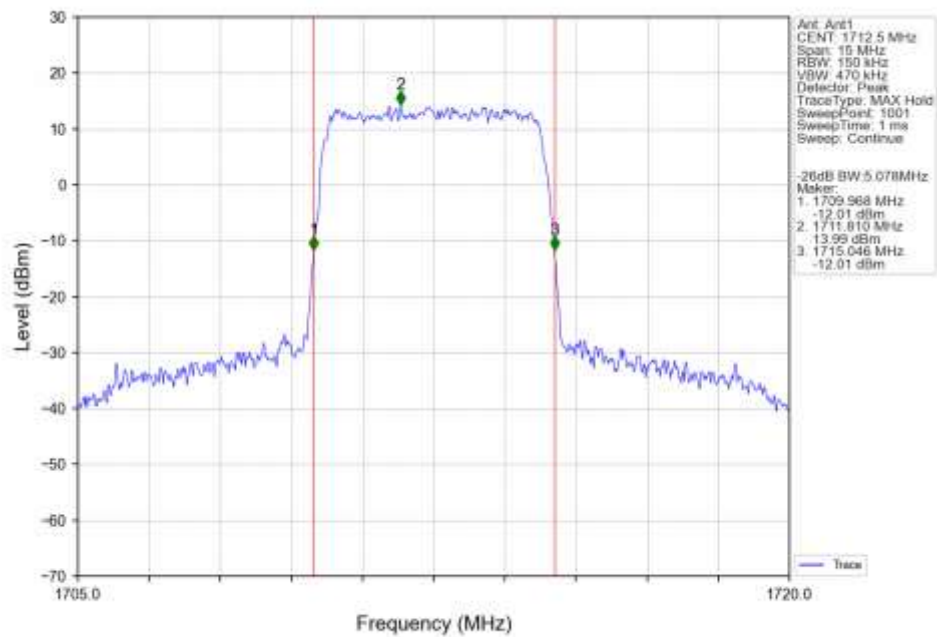
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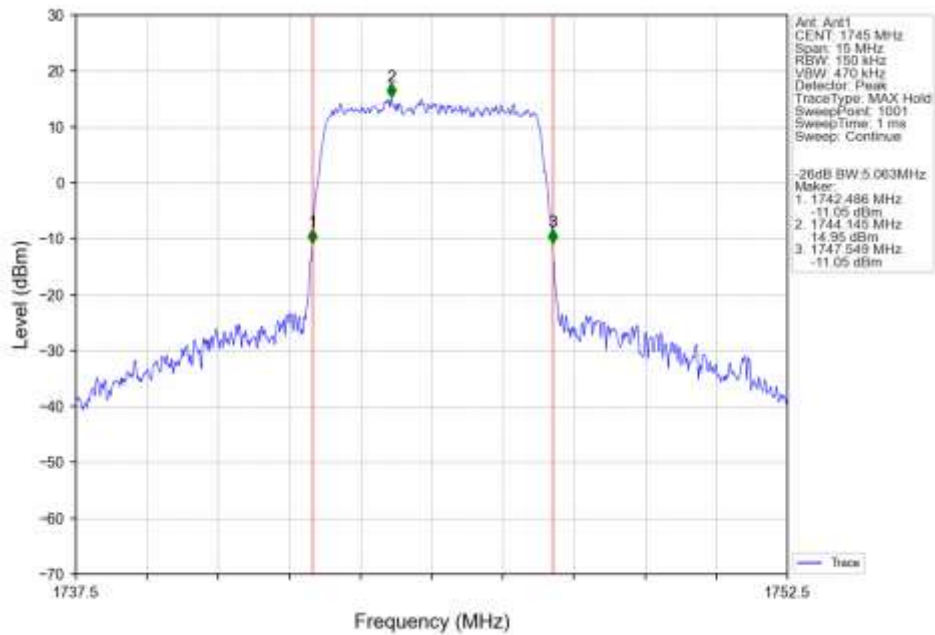
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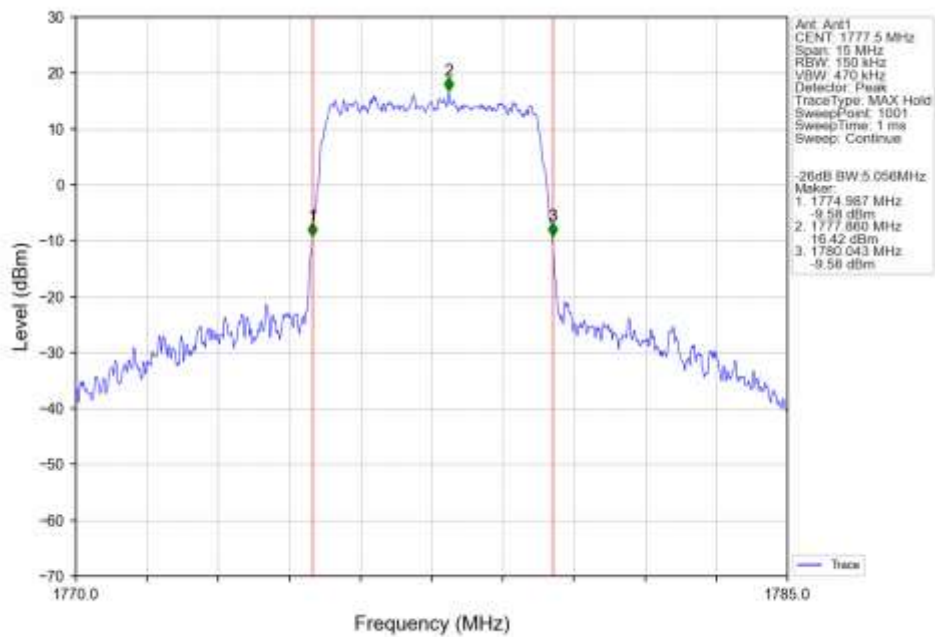
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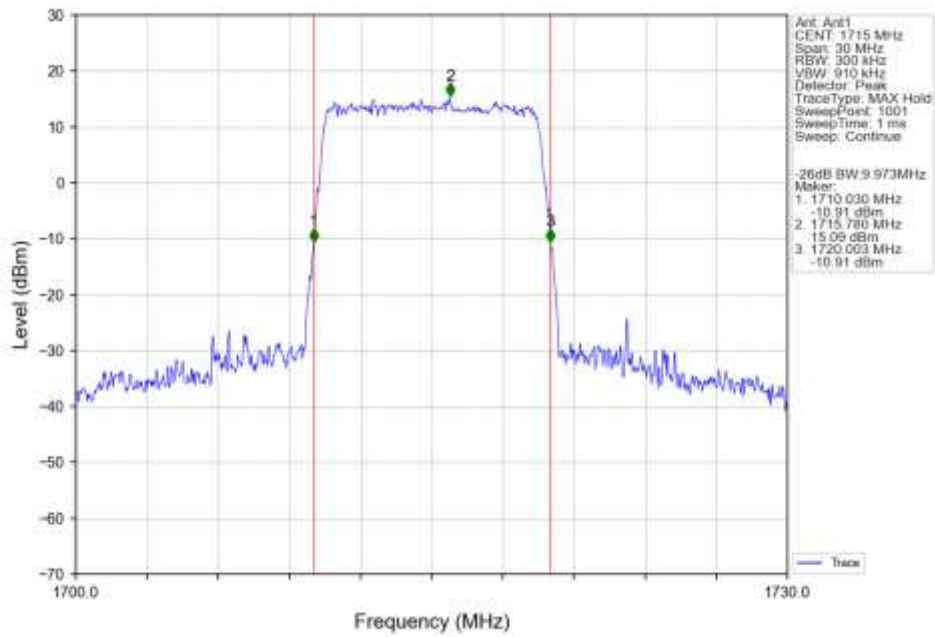
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



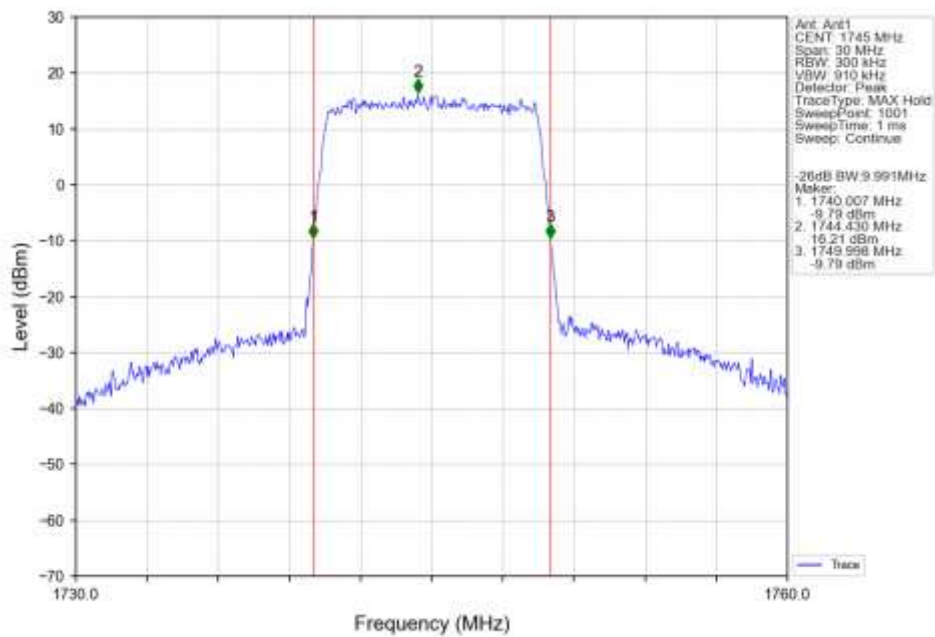
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



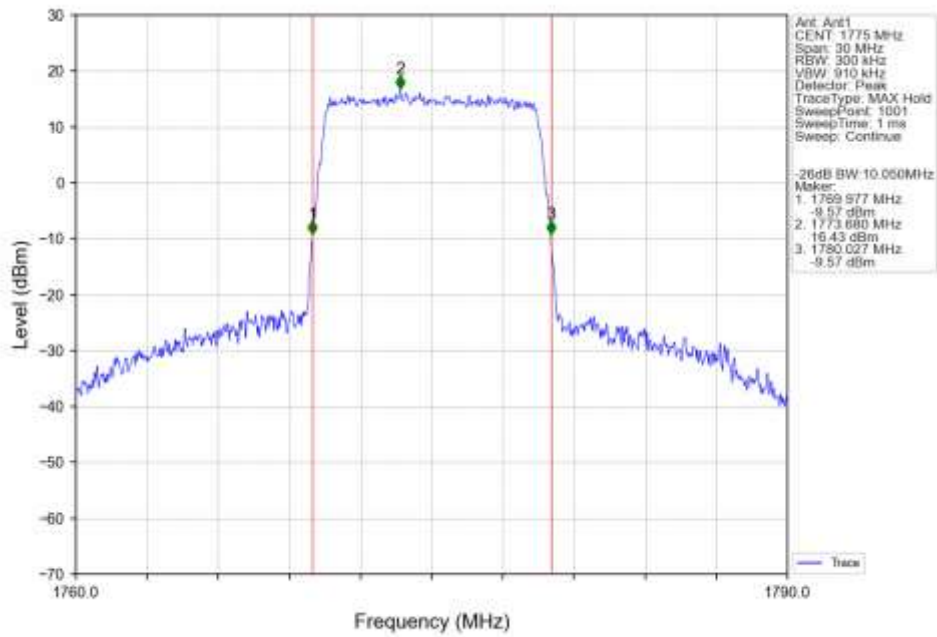
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



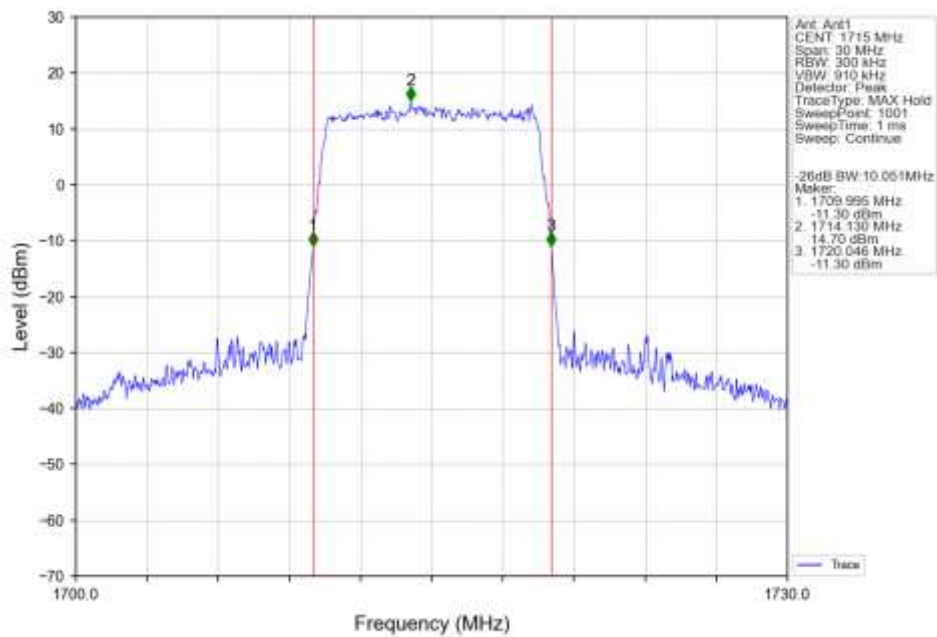
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



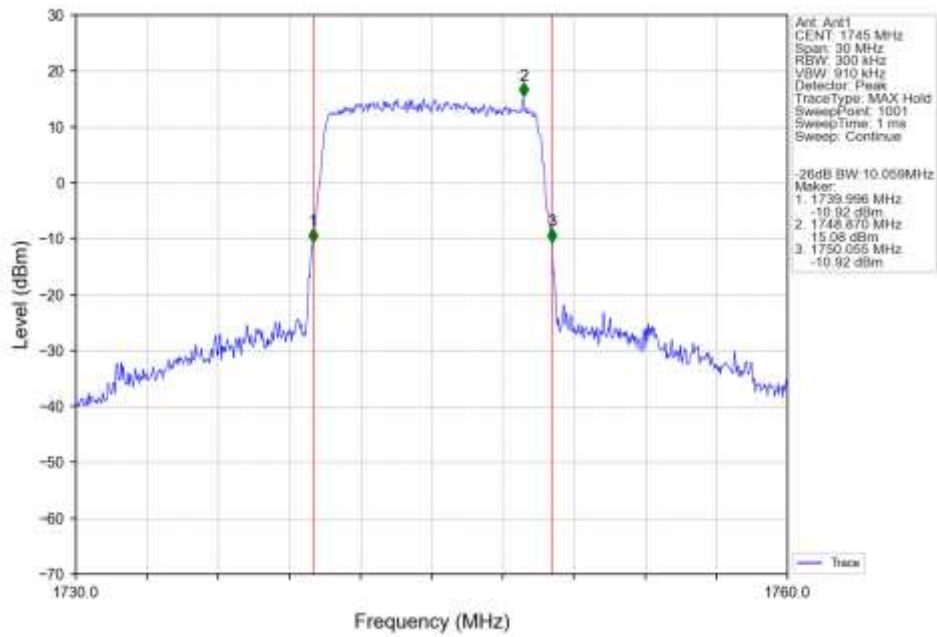
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



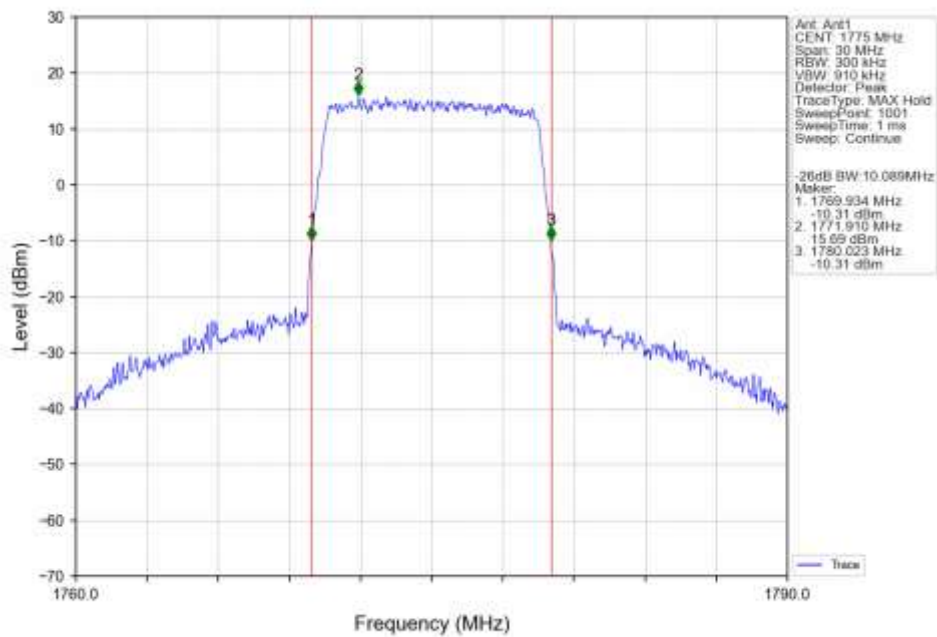
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



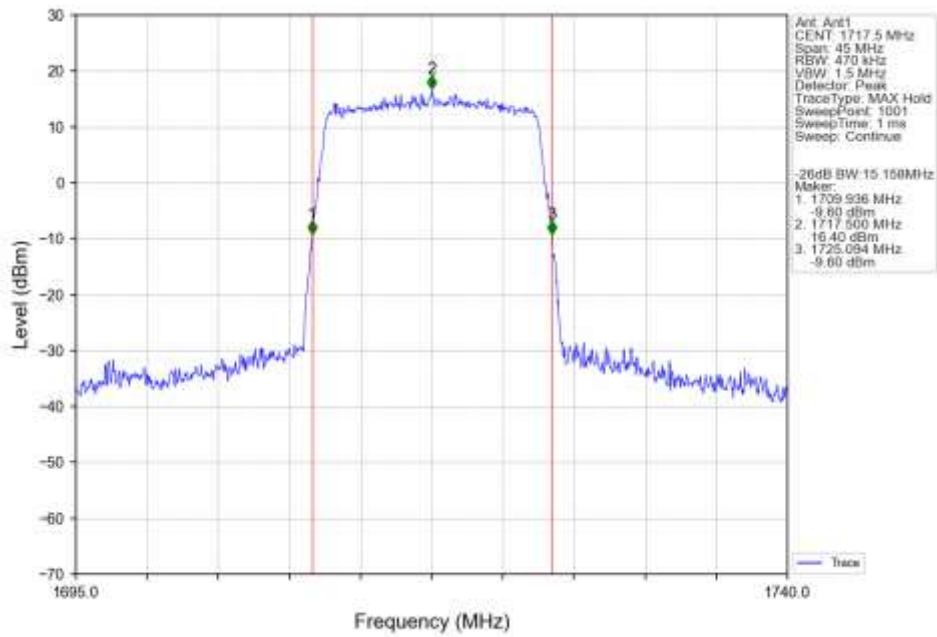
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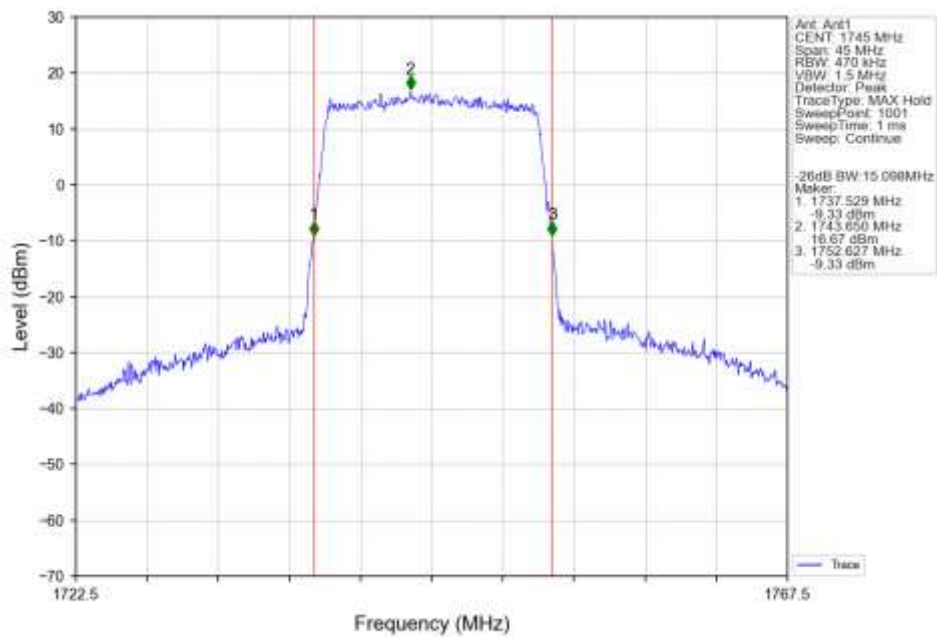
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



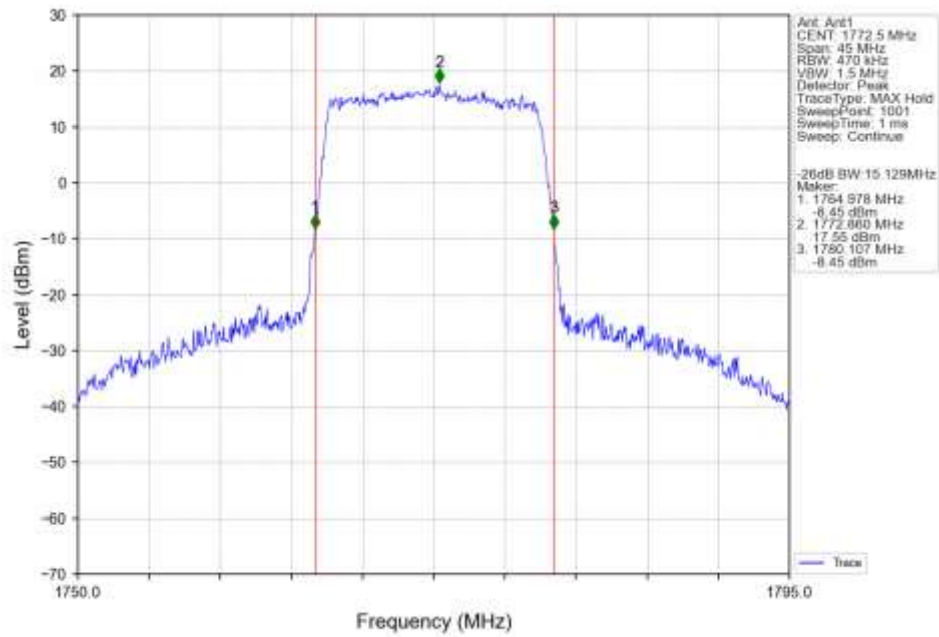
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



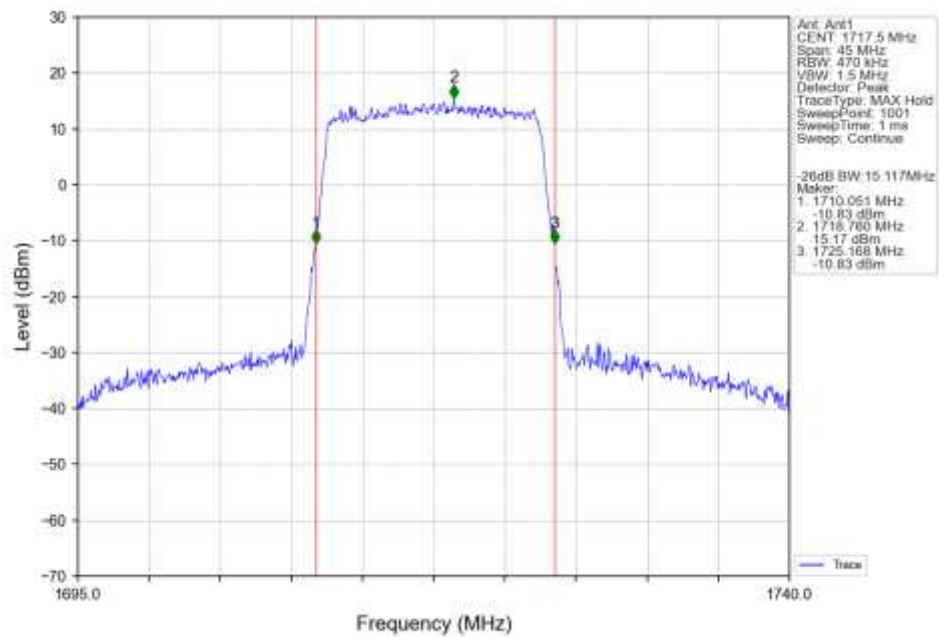
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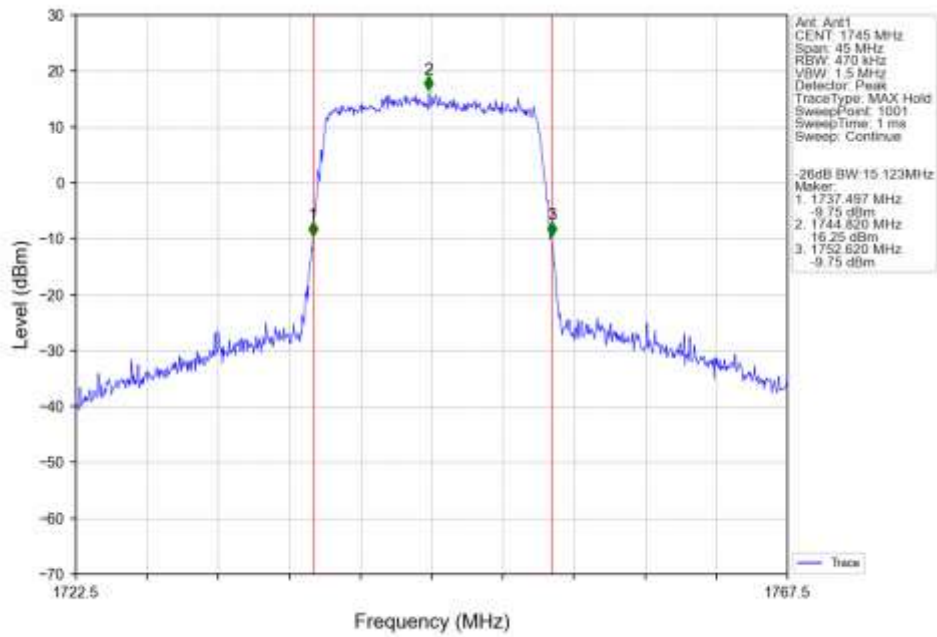
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



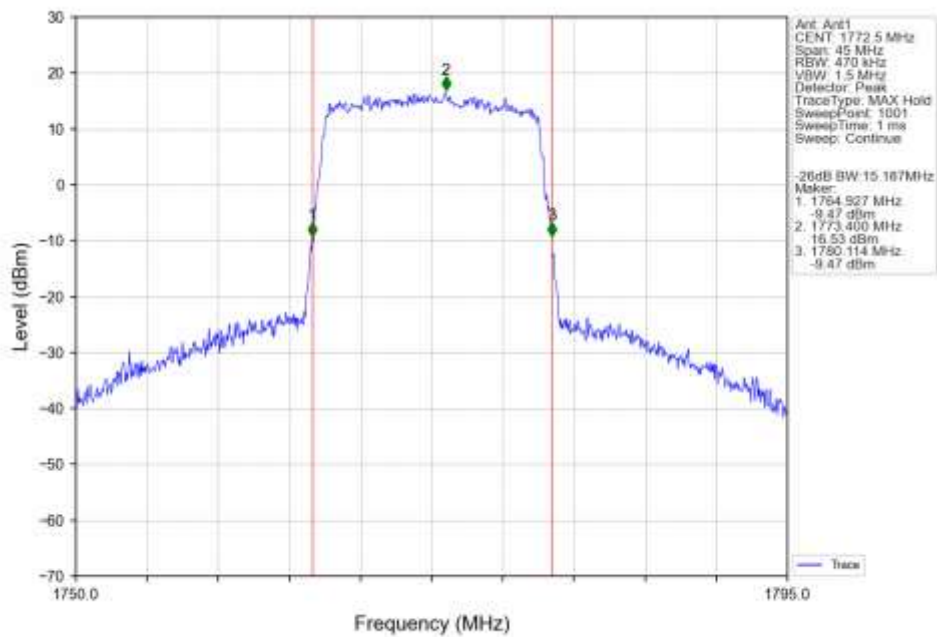
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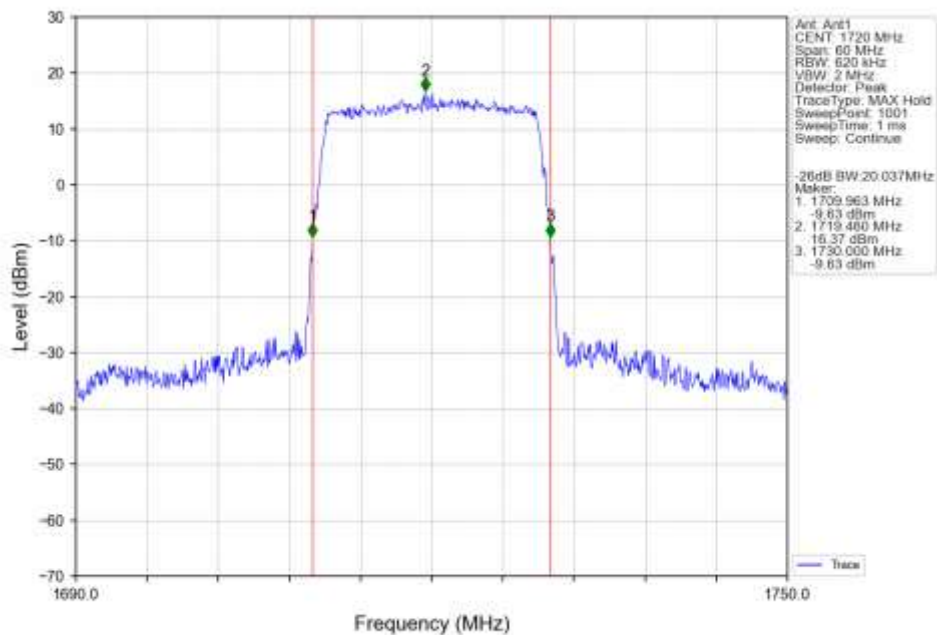
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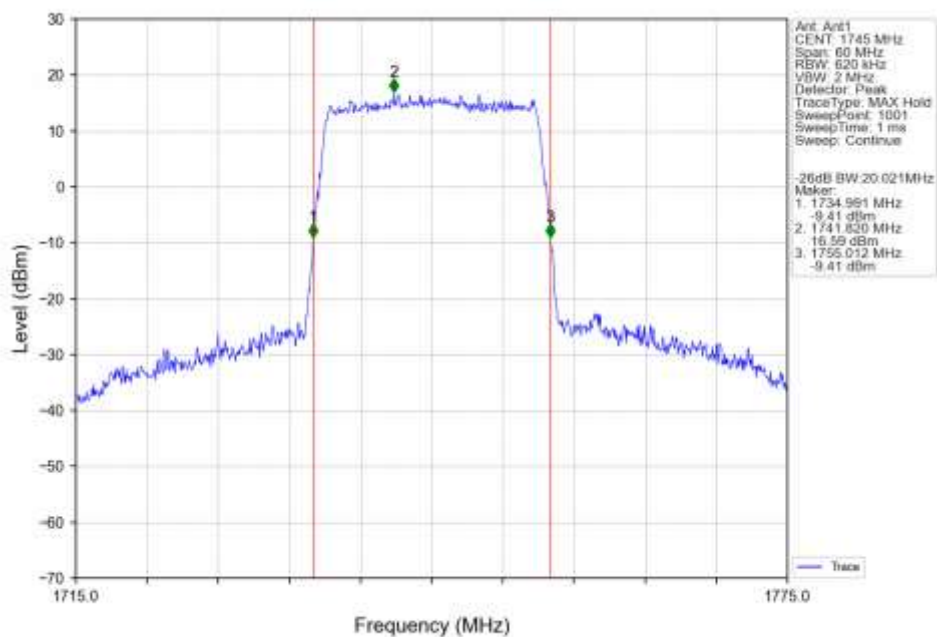
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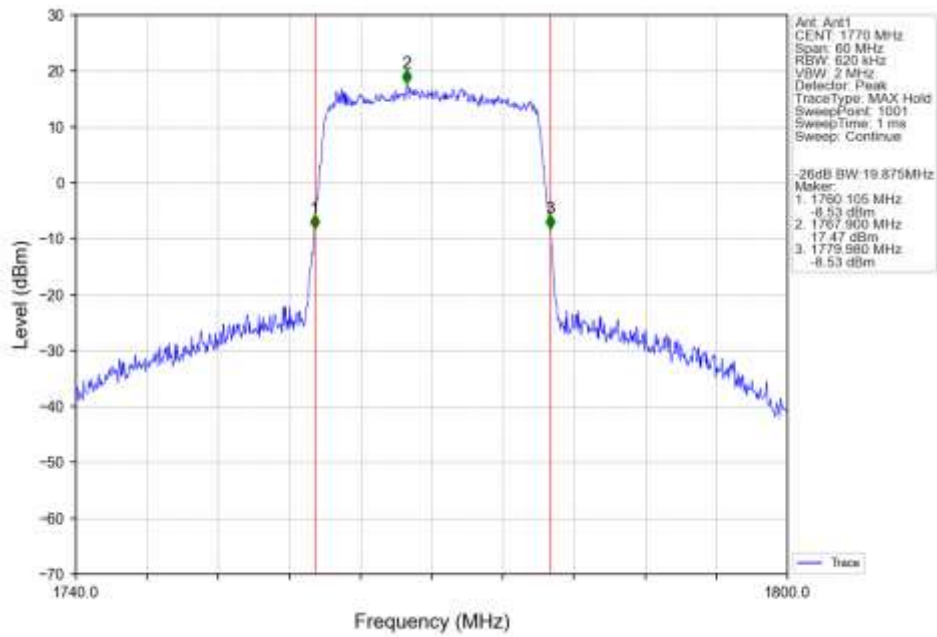
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



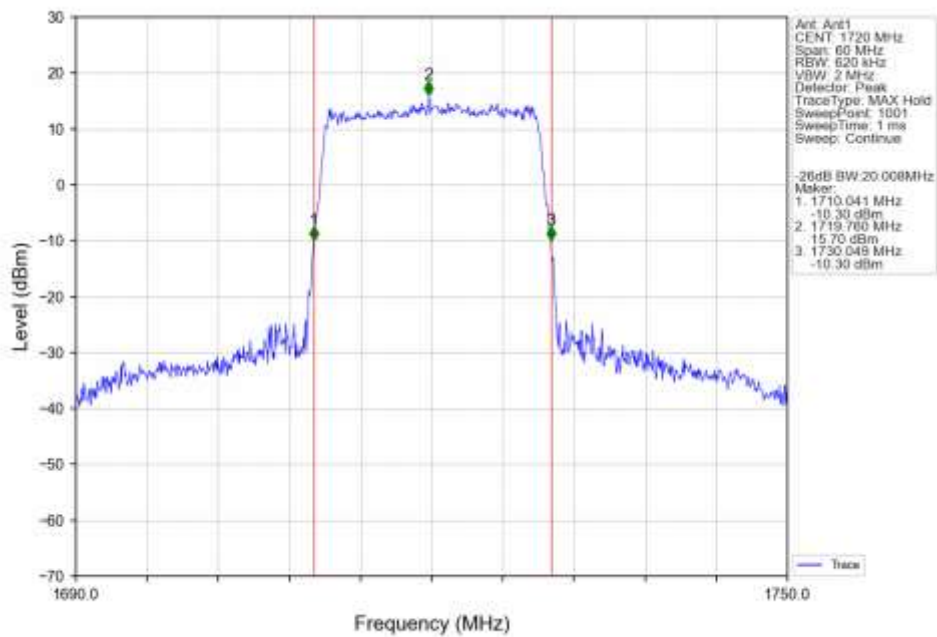
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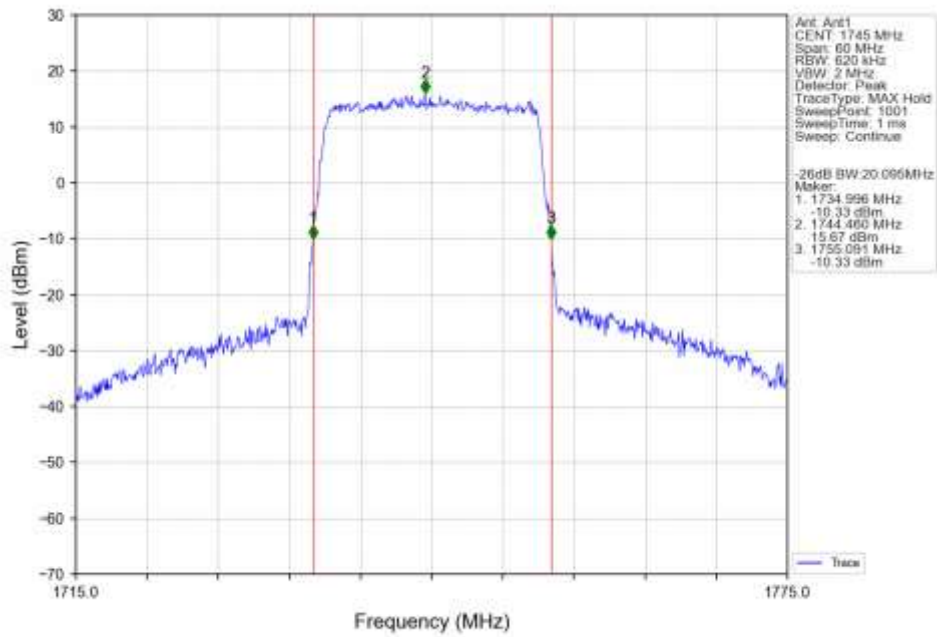
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



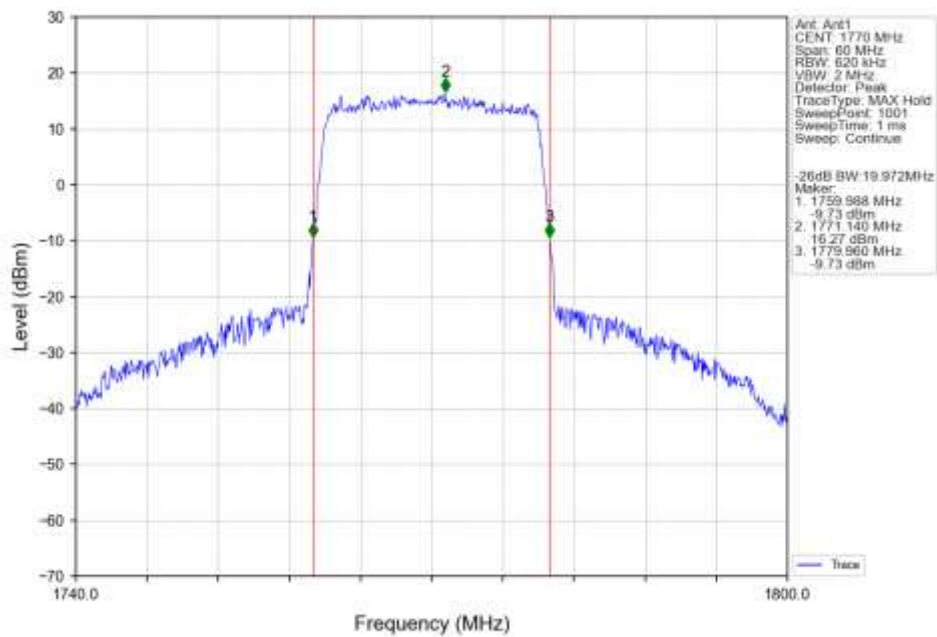
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 1710.7          | 6             | 0      | 5.40                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 5.06                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 5.13                    | <=13  | Pass    |
| 16QAM                               | 1710.7          | 6             | 0      | 6.19                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 5.96                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 5.90                    | <=13  | Pass    |

#### 5.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1711.5          | 15            | 0      | 5.52                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 5.20                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 5.23                    | <=13  | Pass    |
| 16QAM                             | 1711.5          | 15            | 0      | 6.33                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.04                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 6.01                    | <=13  | Pass    |

#### 5.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1712.5          | 25            | 0      | 5.60                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 5.42                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 5.39                    | <=13  | Pass    |
| 16QAM                             | 1712.5          | 25            | 0      | 6.39                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.14                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.05                    | <=13  | Pass    |

#### 5.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1715            | 50            | 0      | 5.55                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 5.36                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 5.36                    | <=13  | Pass    |
| 16QAM                              | 1715            | 50            | 0      | 6.33                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.14                    | <=13  | Pass    |

|  |      |    |   |      |      |      |
|--|------|----|---|------|------|------|
|  | 1775 | 50 | 0 | 6.07 | <=13 | Pass |
|--|------|----|---|------|------|------|

### 5.1.5 B66\_15MHz

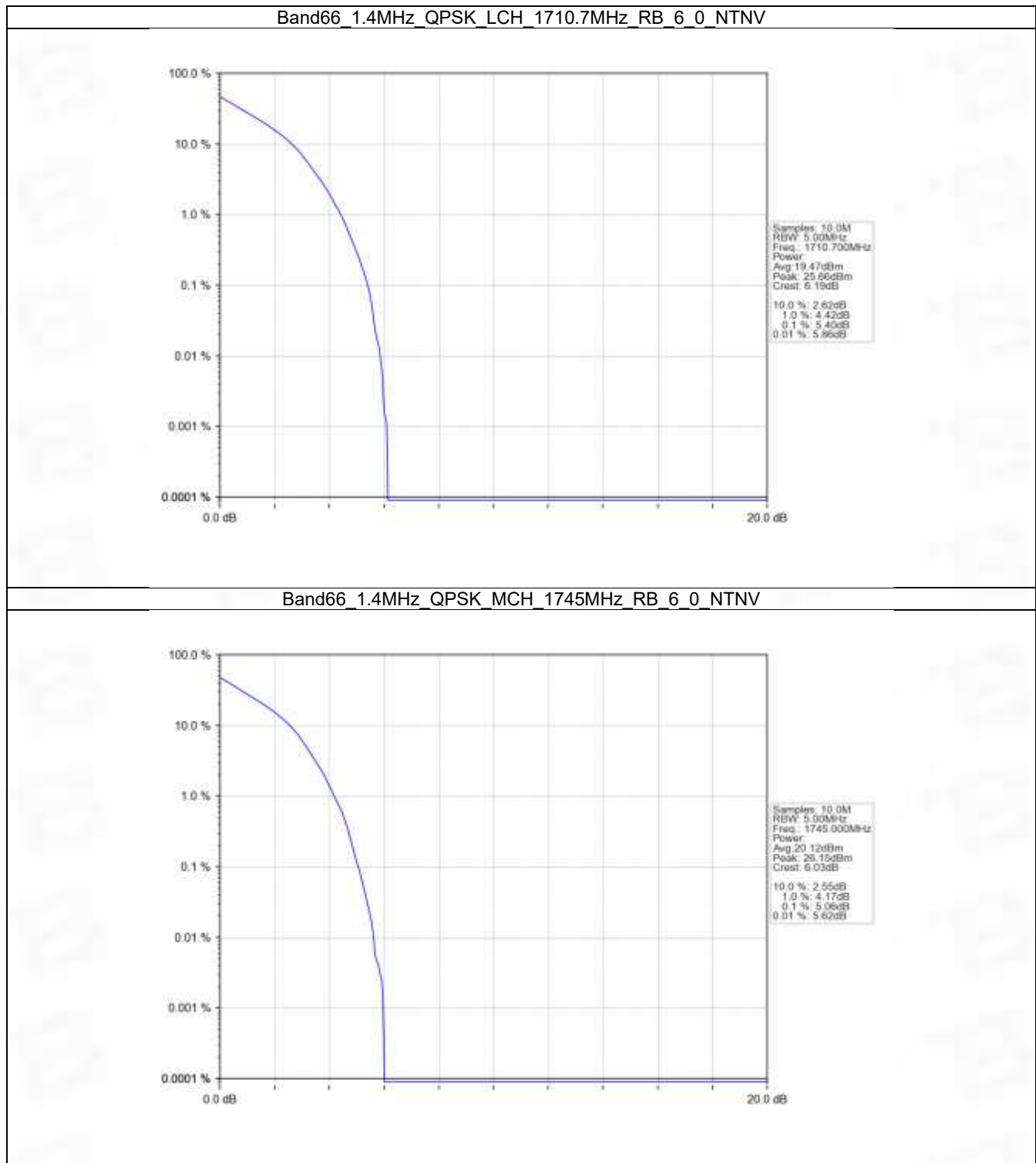
| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1717.5          | 75            | 0      | 5.71                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 5.45                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 5.36                    | <=13  | Pass    |
| 16QAM                              | 1717.5          | 75            | 0      | 6.26                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 6.05                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 5.96                    | <=13  | Pass    |

### 5.1.6 B66\_20MHz

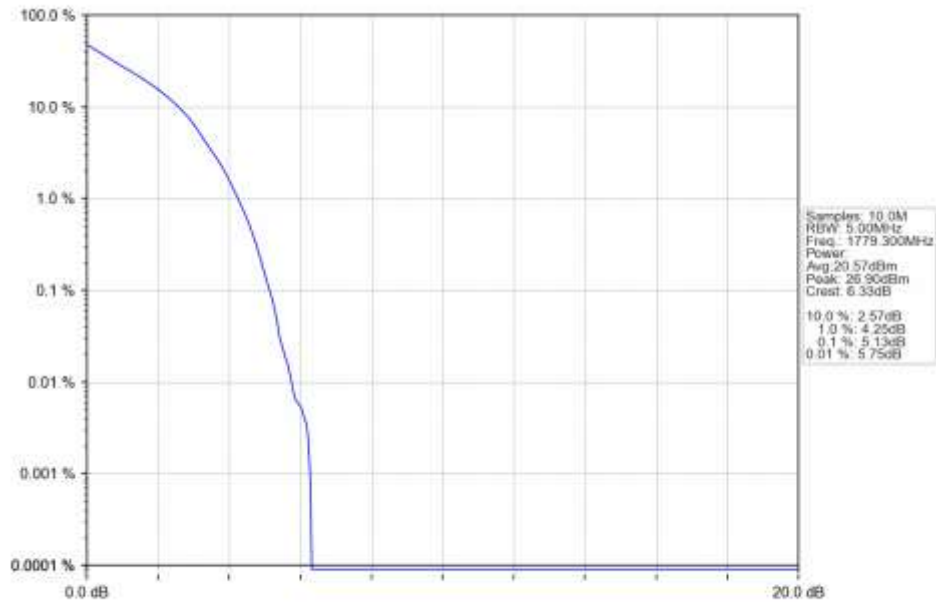
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1720            | 100           | 0      | 5.50                    | <=13  | Pass    |
|                                    | 1745            | 100           | 0      | 5.34                    | <=13  | Pass    |
|                                    | 1770            | 100           | 0      | 5.14                    | <=13  | Pass    |
| 16QAM                              | 1720            | 100           | 0      | 6.26                    | <=13  | Pass    |
|                                    | 1745            | 100           | 0      | 6.14                    | <=13  | Pass    |
|                                    | 1770            | 100           | 0      | 5.97                    | <=13  | Pass    |

## 5.2 Test Graph

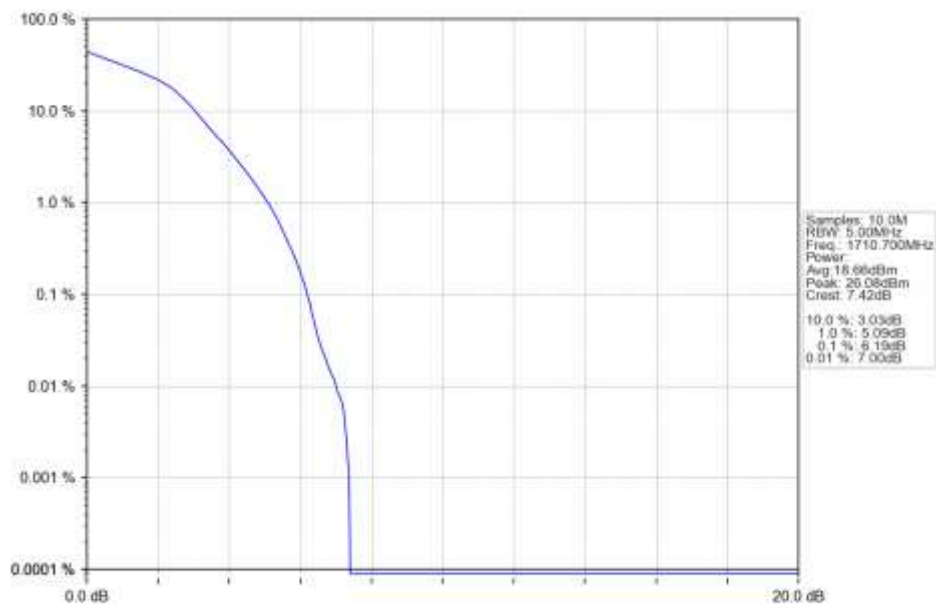
### 5.2.1 B66\_1.4MHz



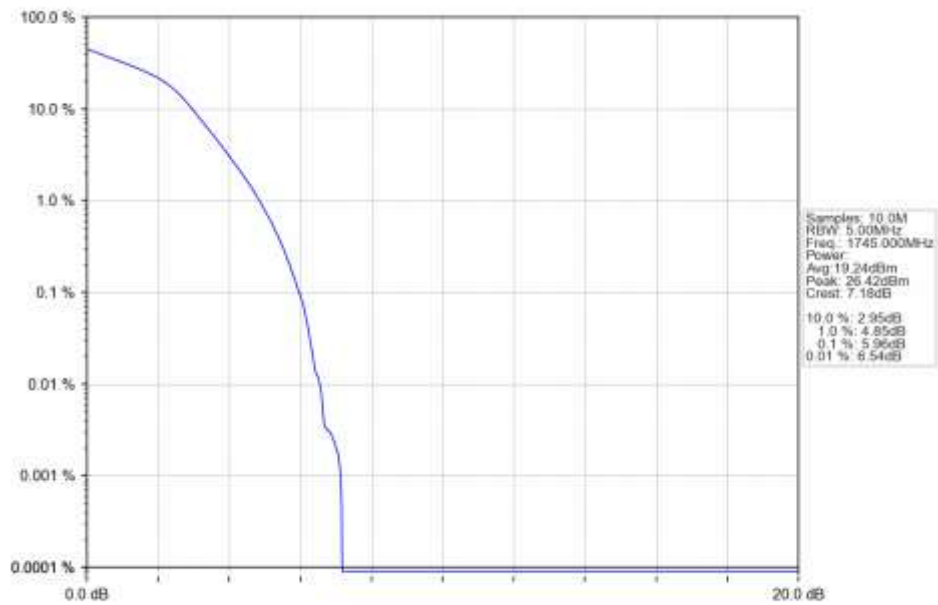
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6.0 NTNV



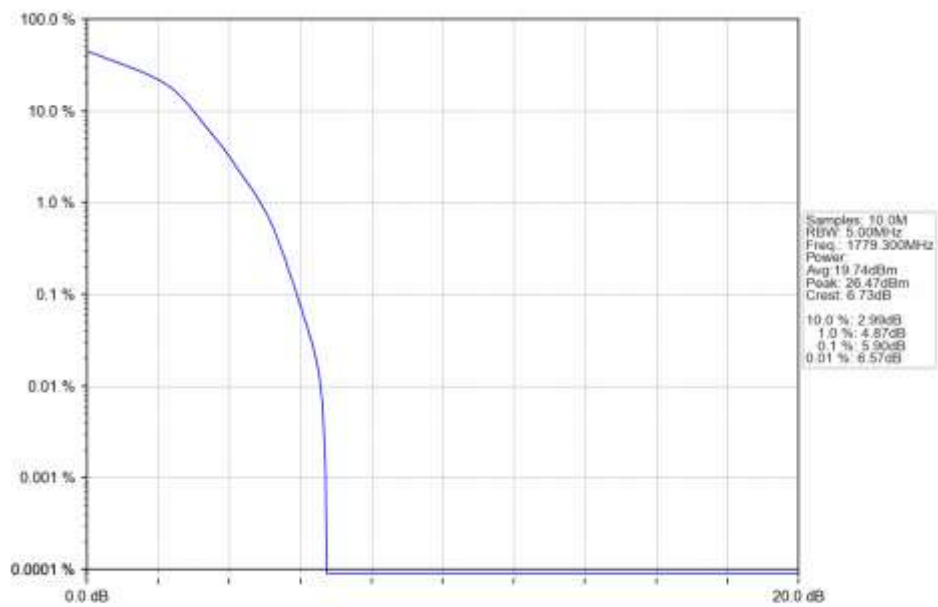
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6.0 NTNV



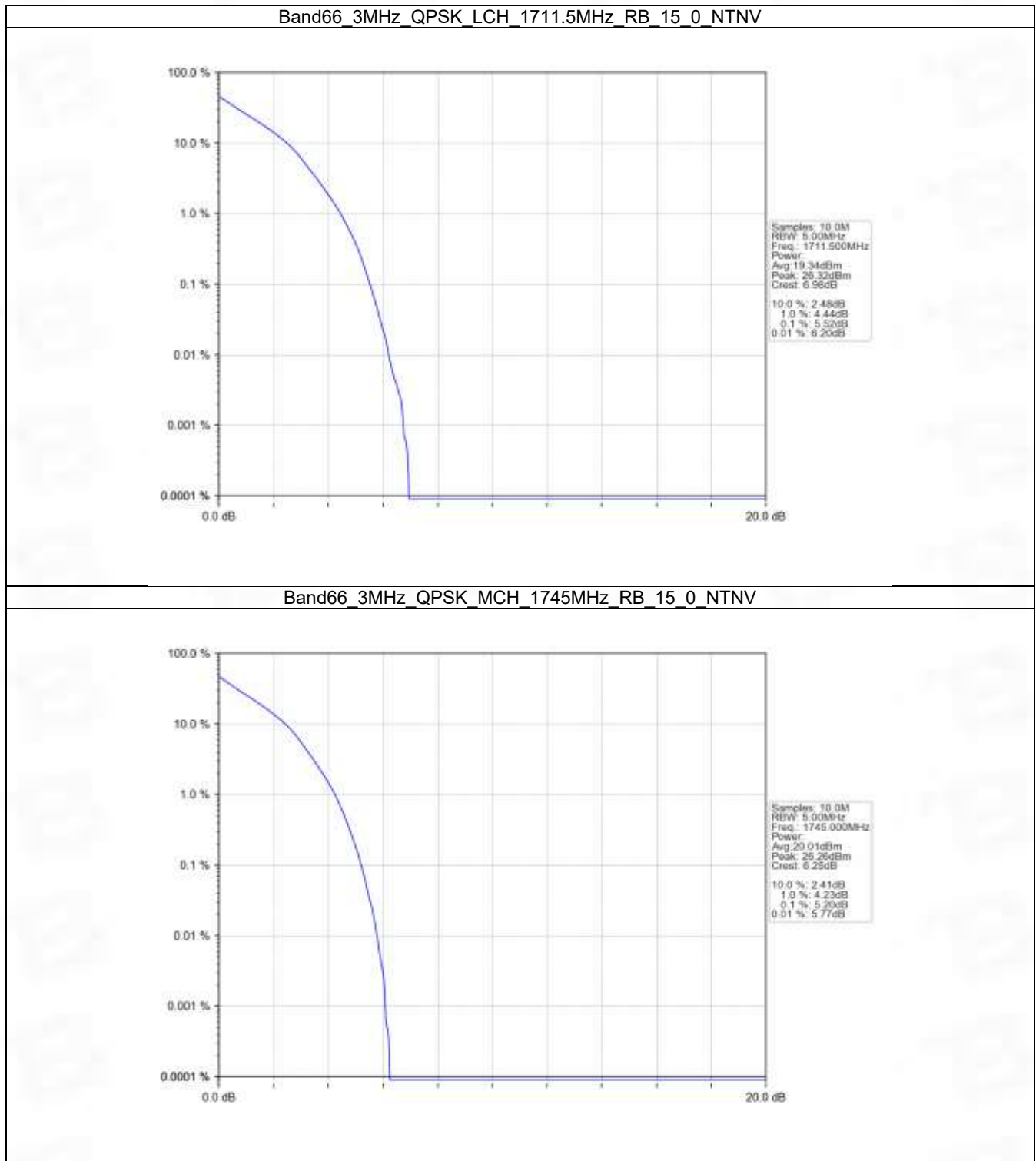
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



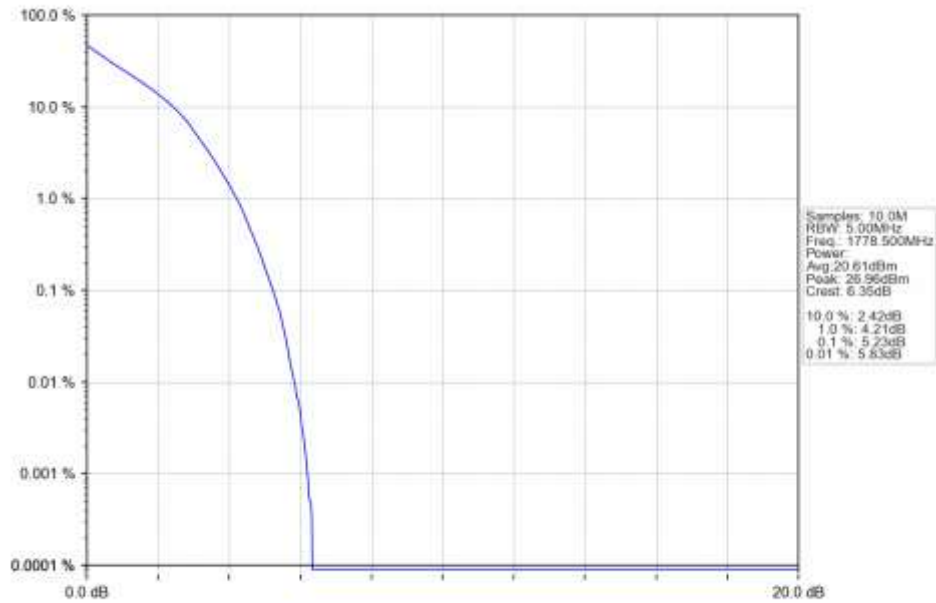
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



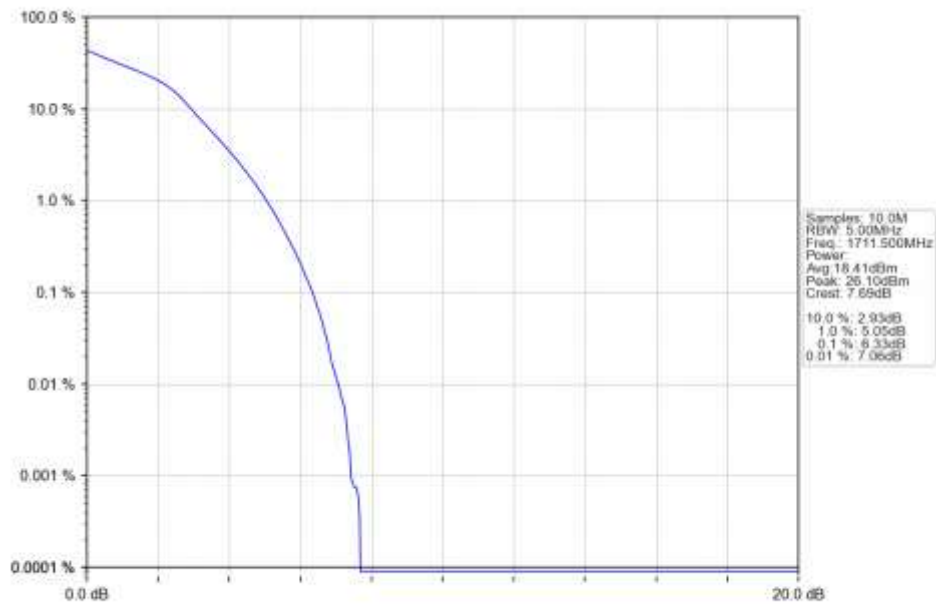
### 5.2.2 B66\_3MHz



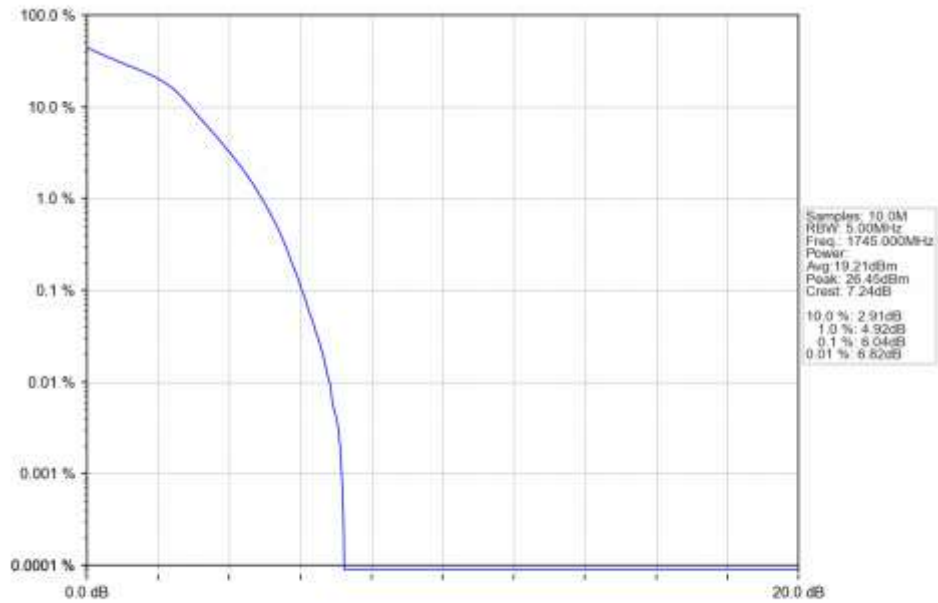
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



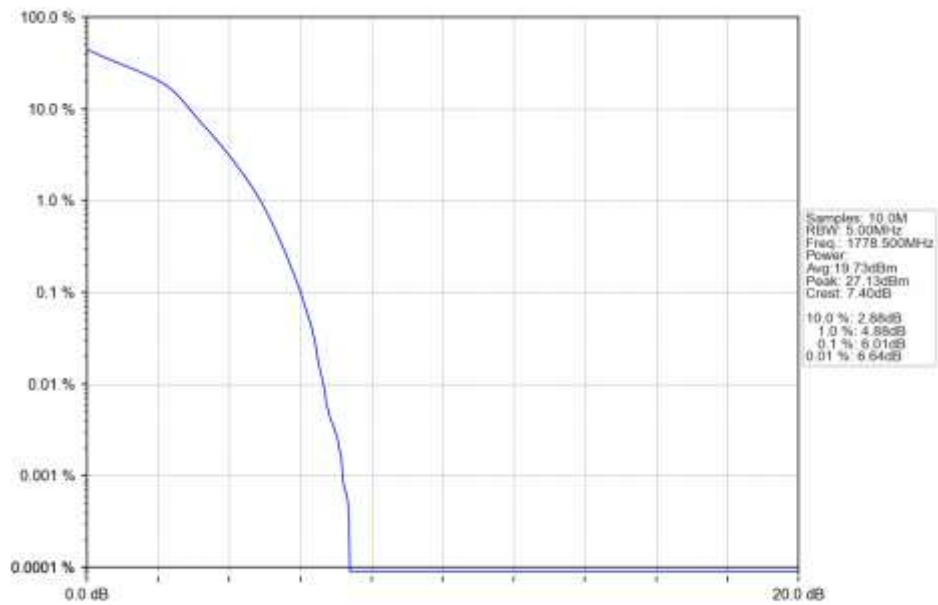
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV

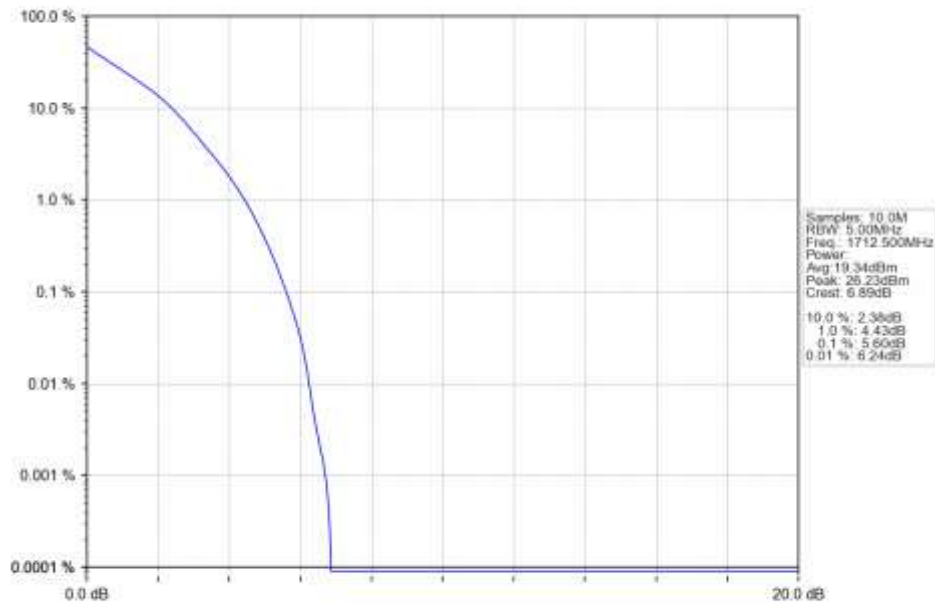


Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTV

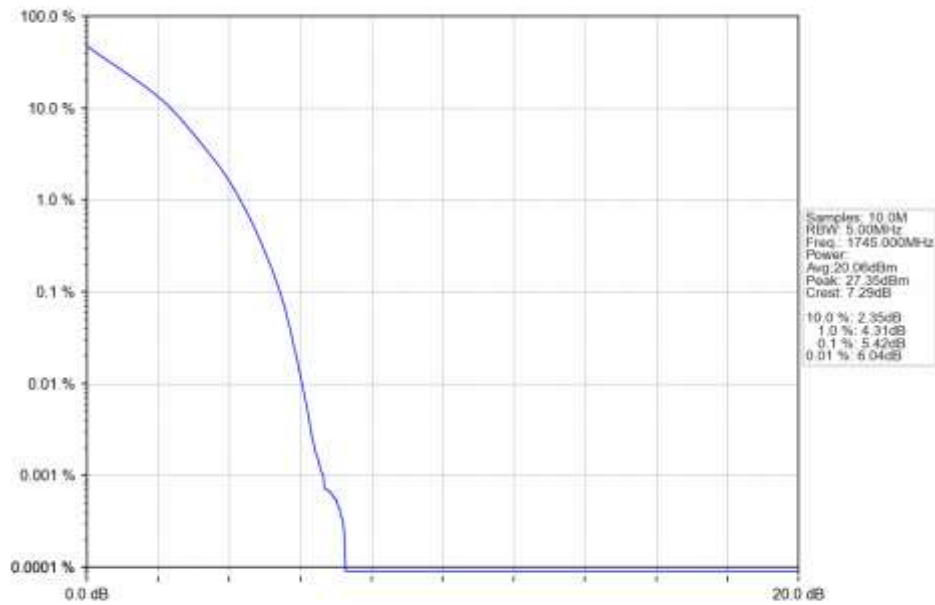


### 5.2.3 B66\_5MHz

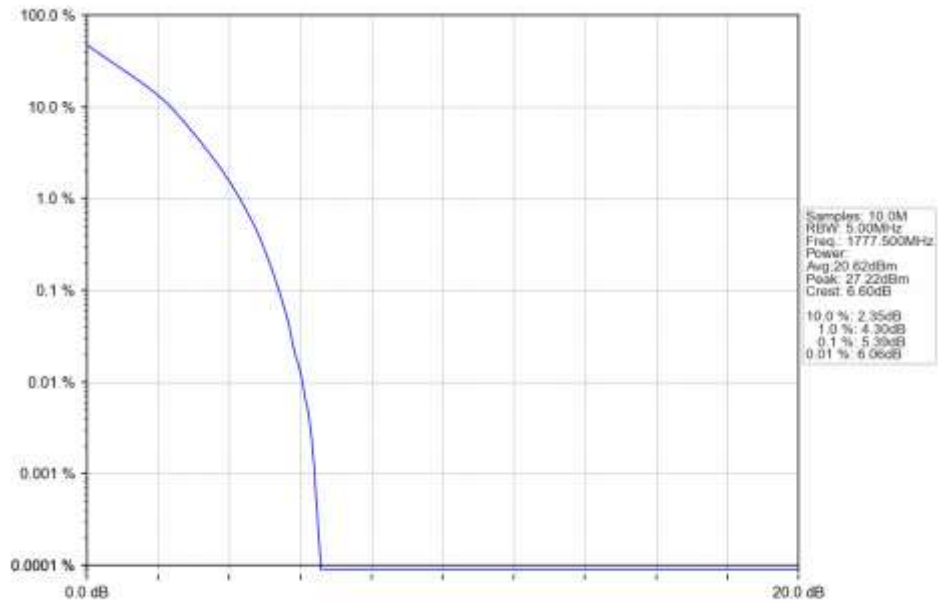
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



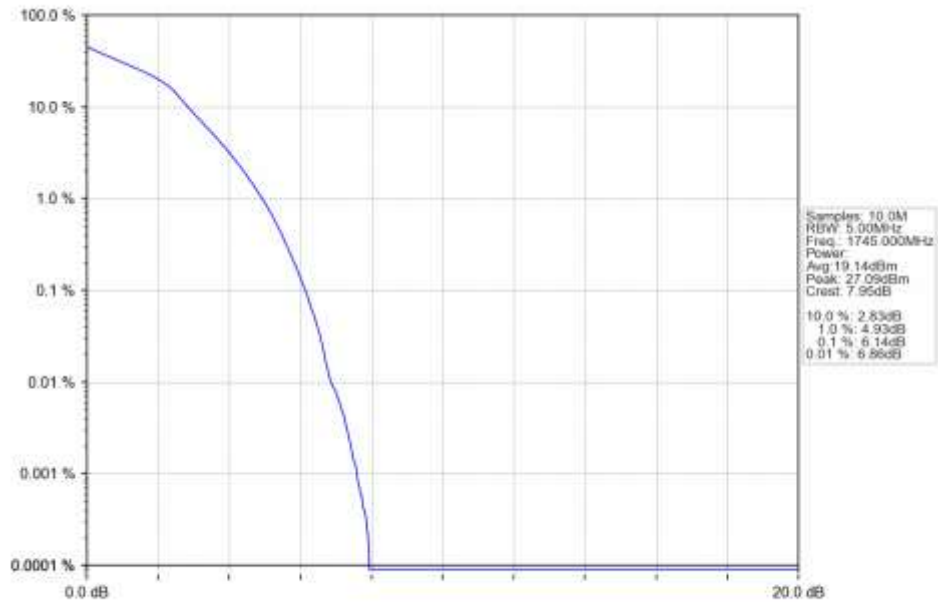
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



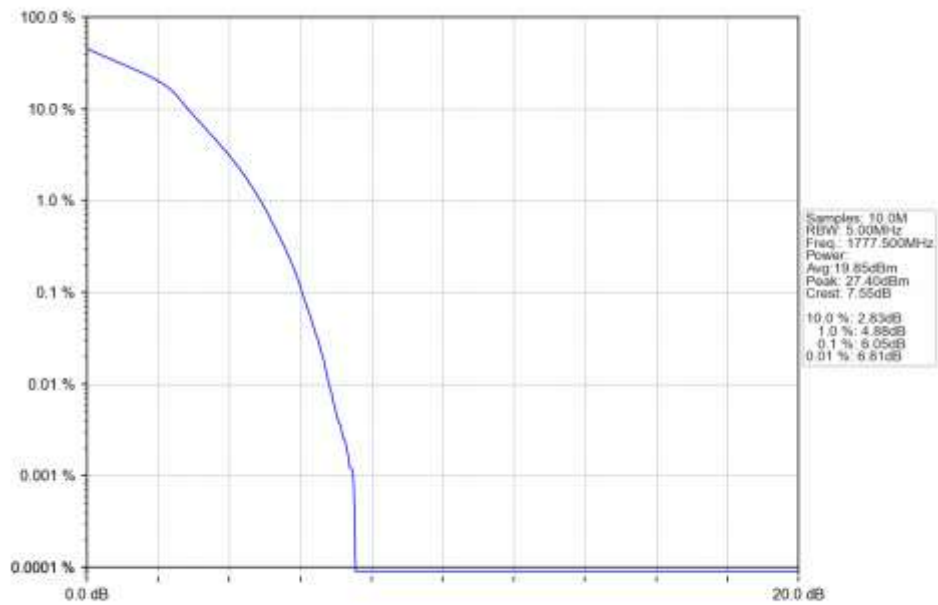
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV

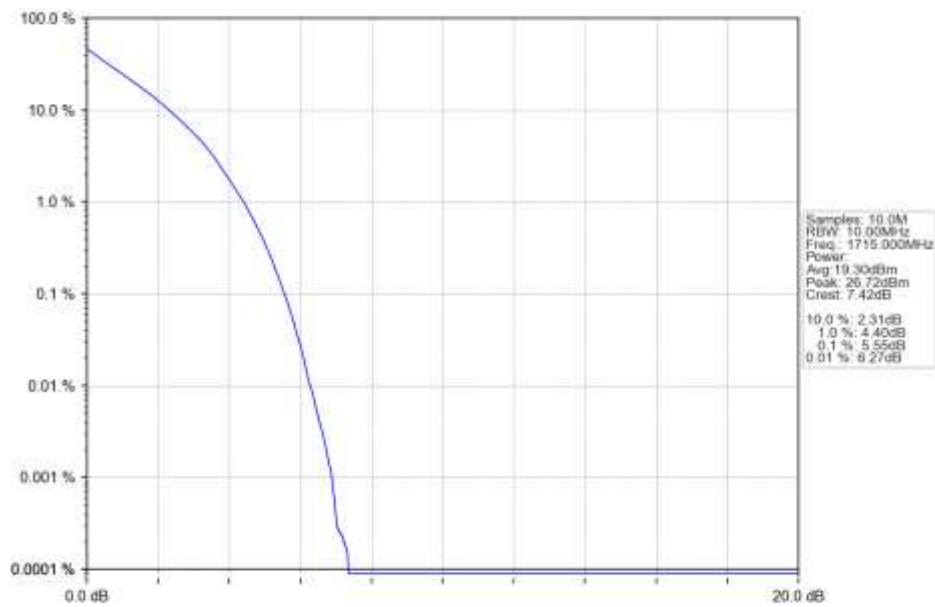


Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV

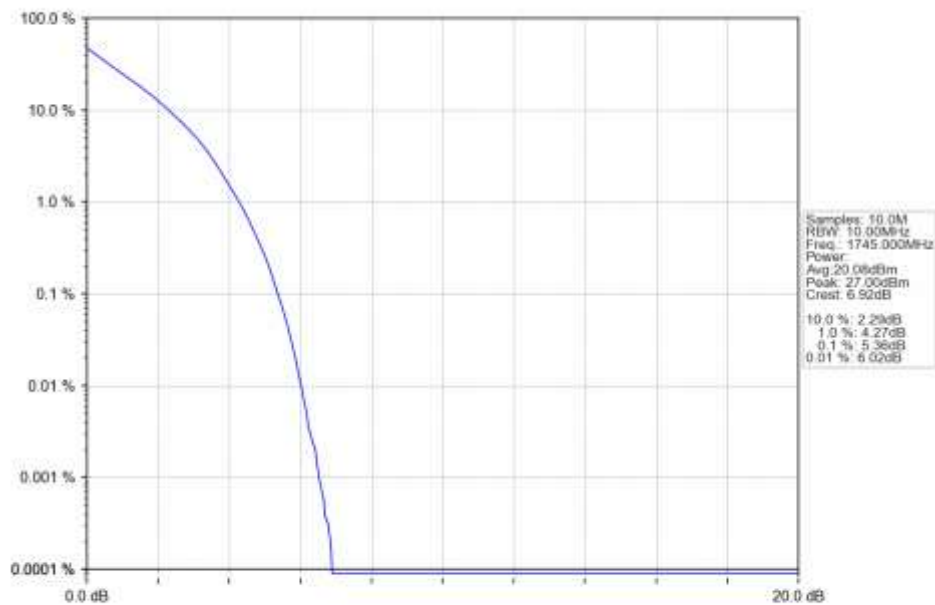


### 5.2.4 B66\_10MHz

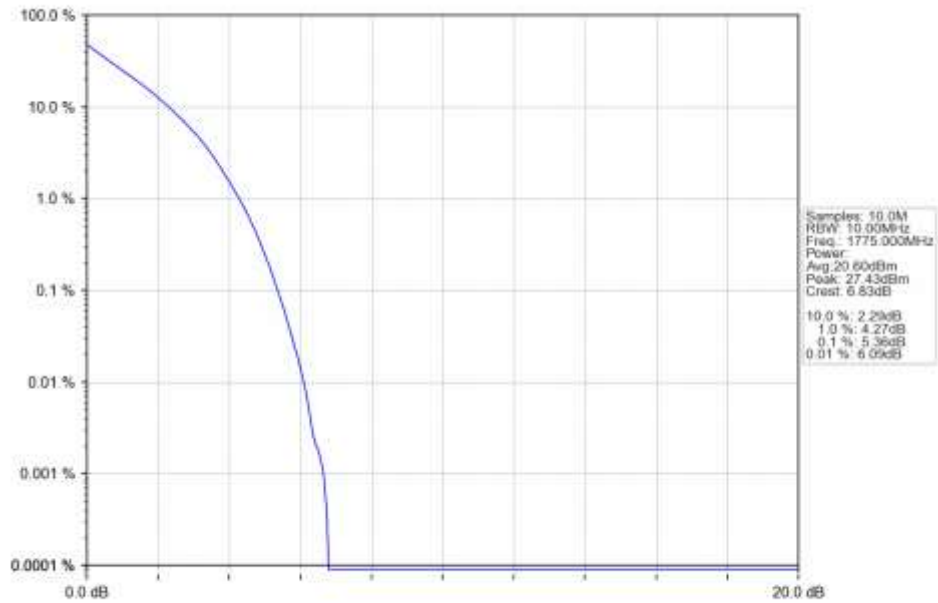
Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



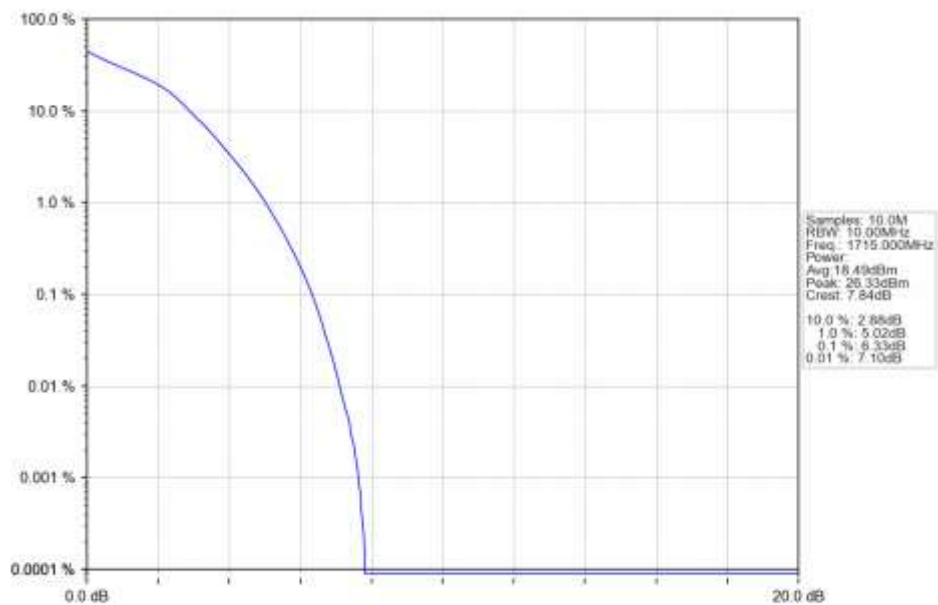
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



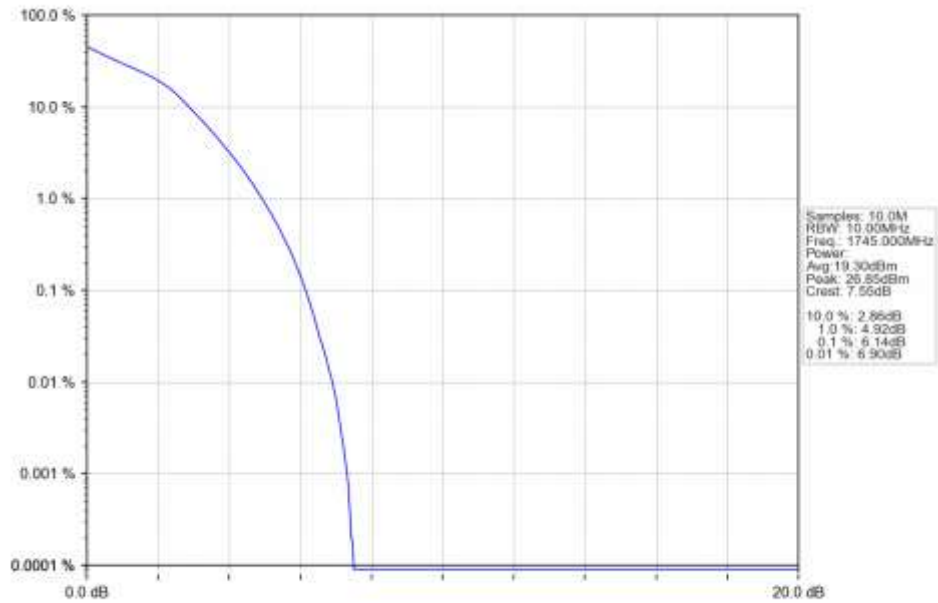
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



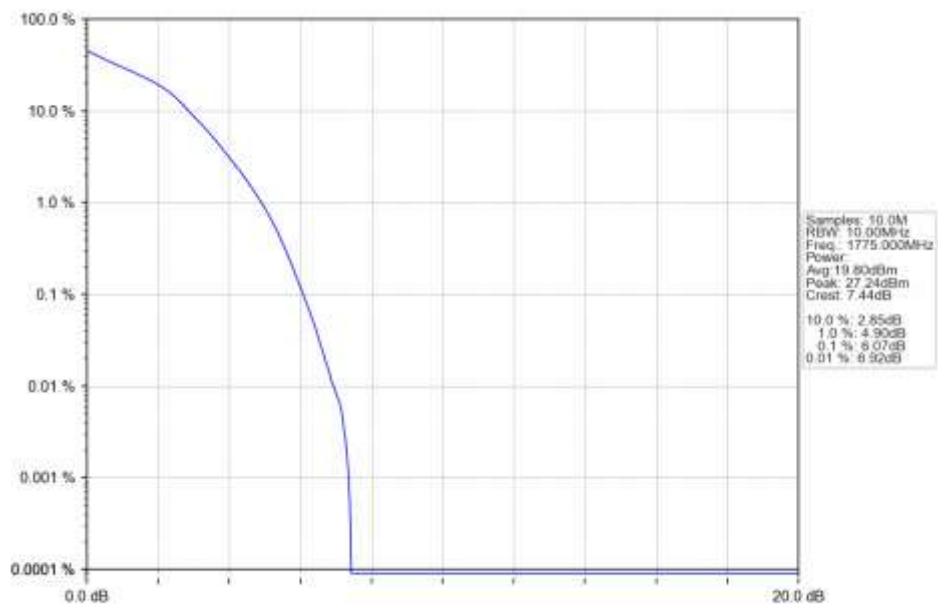
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



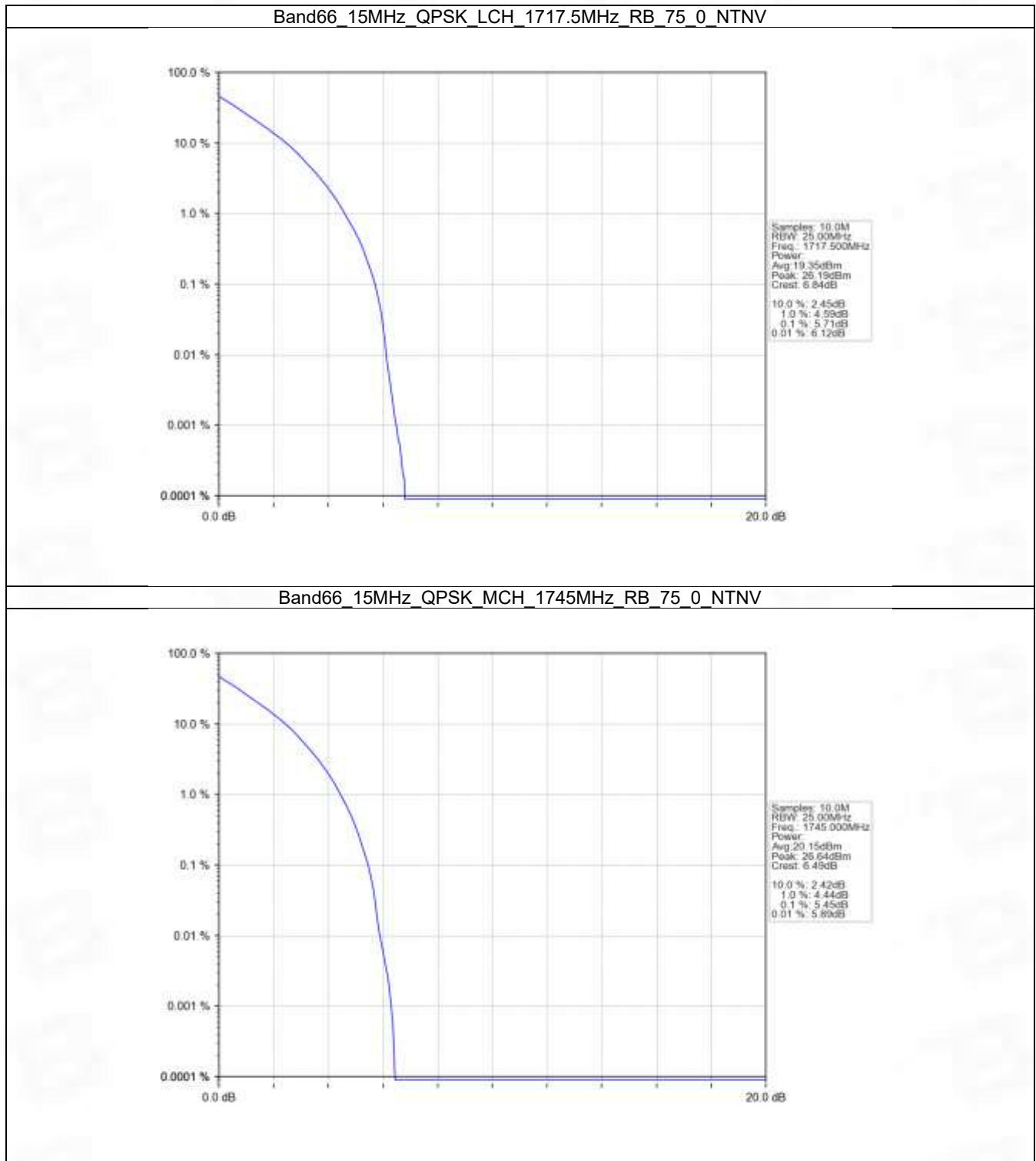
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



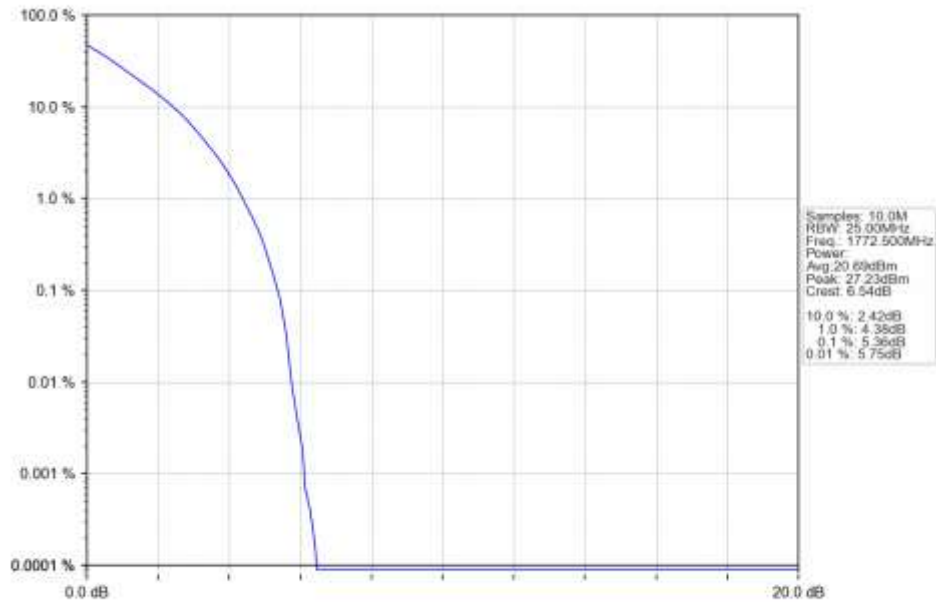
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



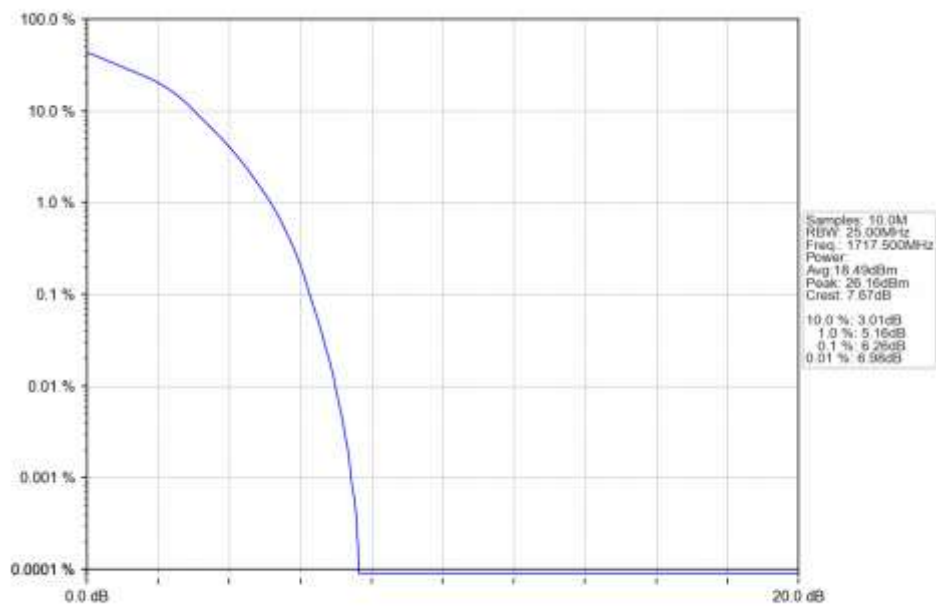
### 5.2.5 B66\_15MHz



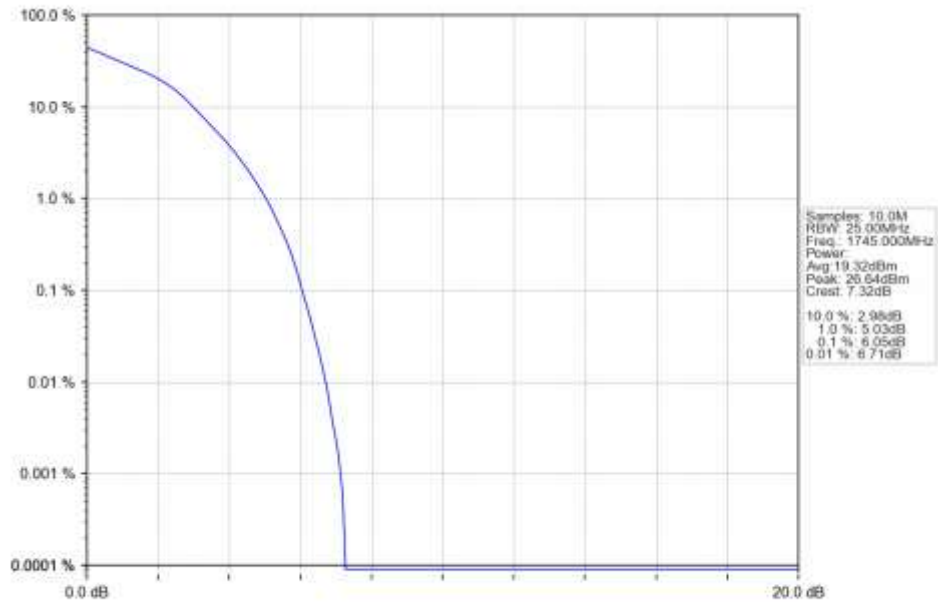
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



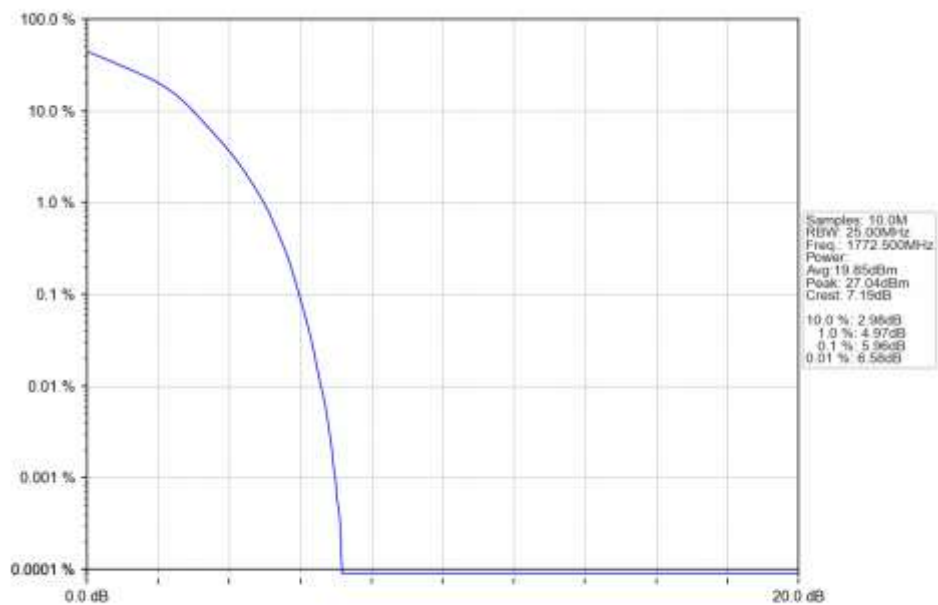
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



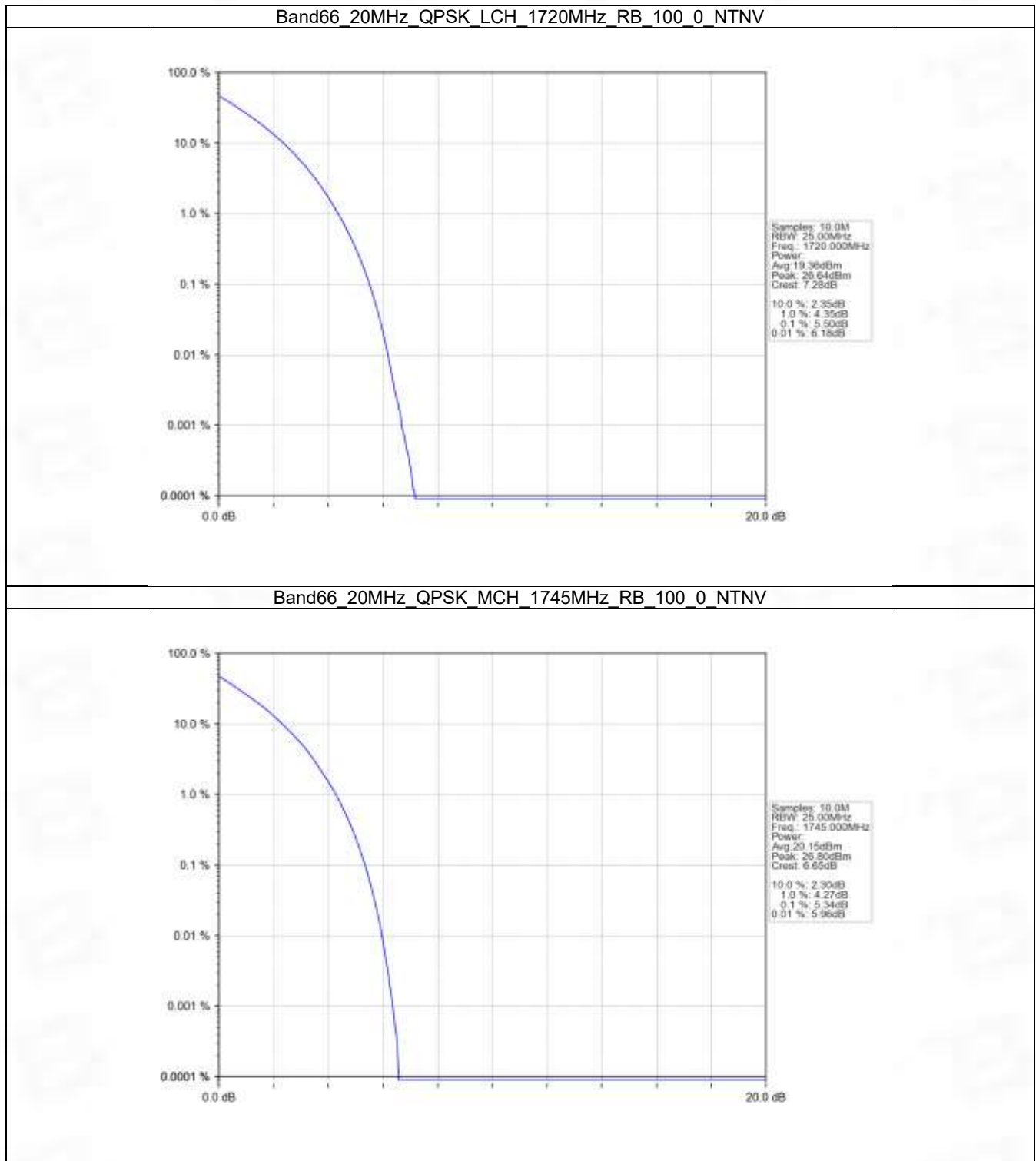
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



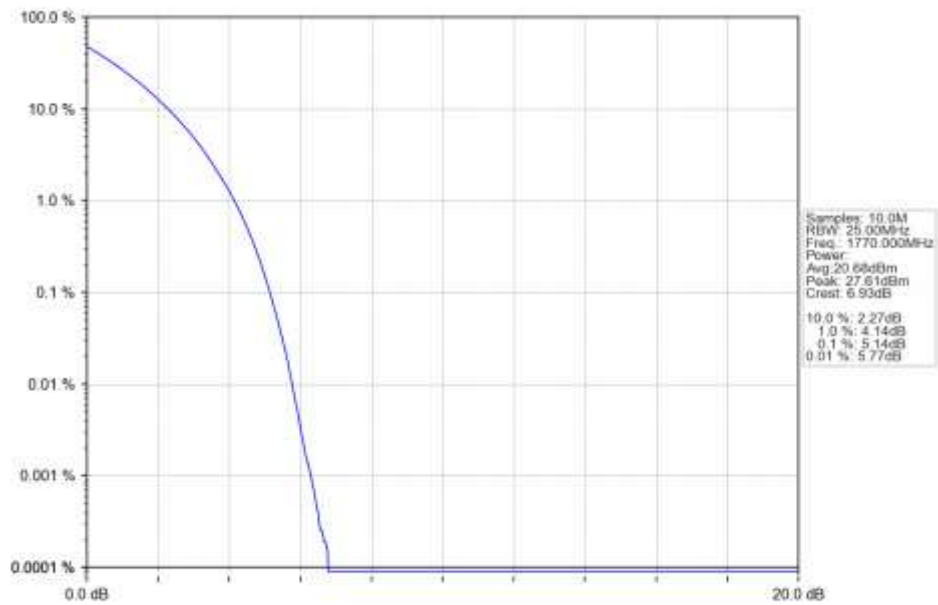
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



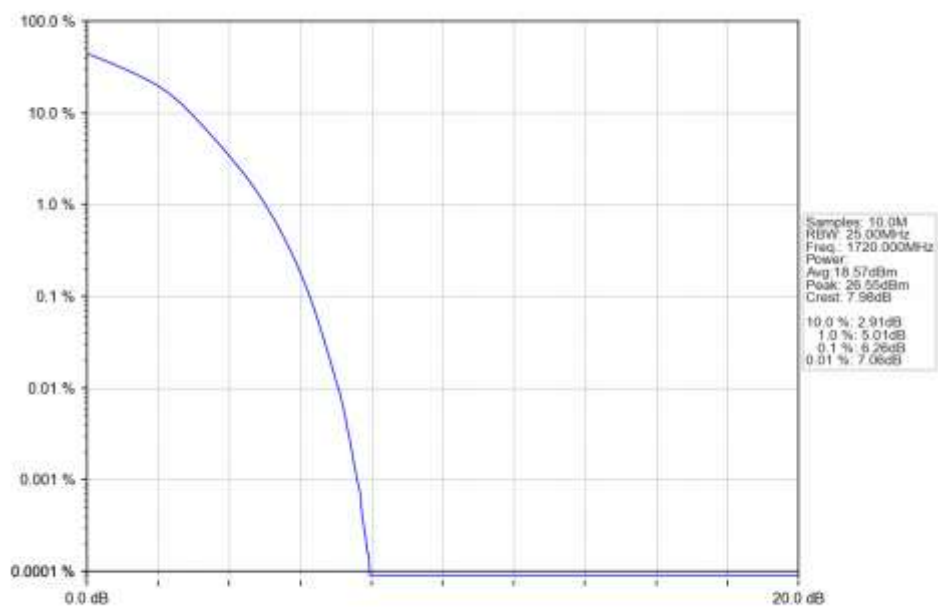
### 5.2.6 B66\_20MHz



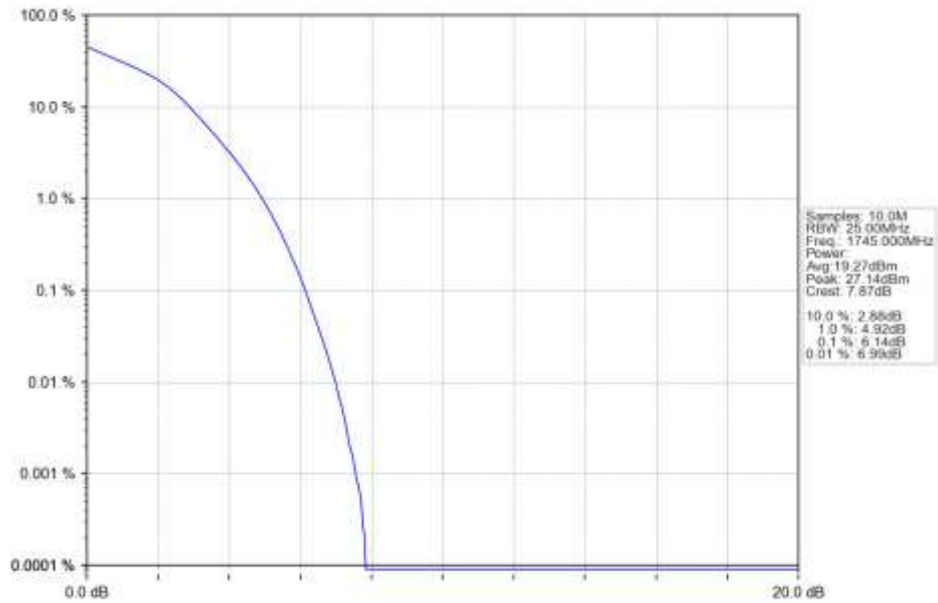
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1712.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1777.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1712.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  |        | 25 | 0  | Refer To Test Graph | Pass |
|  | 1745   | 1  | 0  | Refer To Test Graph | Pass |
|  | 1777.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 24 | Refer To Test Graph | Pass |
|  |        | 25 | 0  | Refer To Test Graph | Pass |

#### 6.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1775            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1775            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.5 B66\_15MHz

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1772.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1772.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

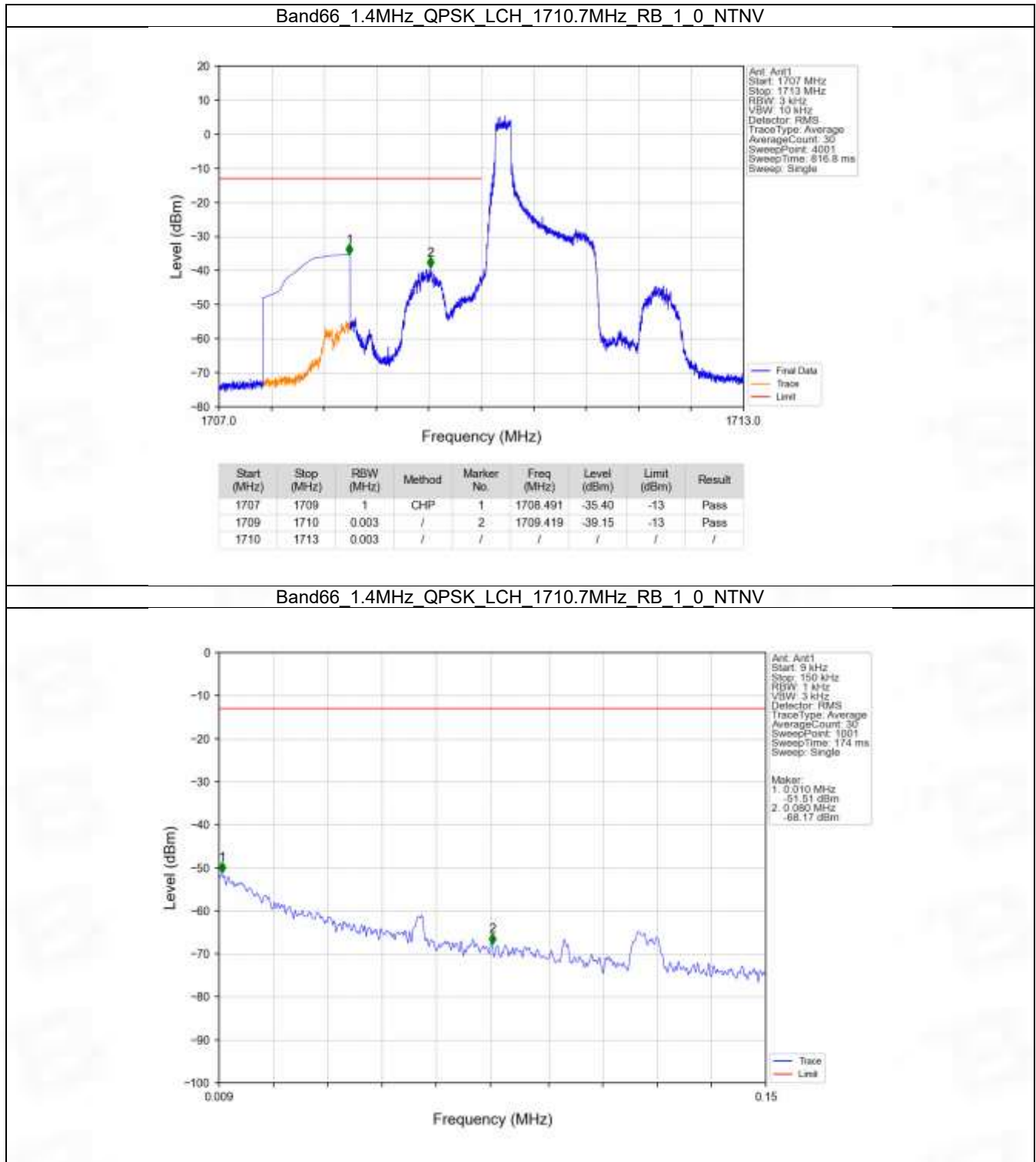
#### 6.1.6 B66\_20MHz

| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1770            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |

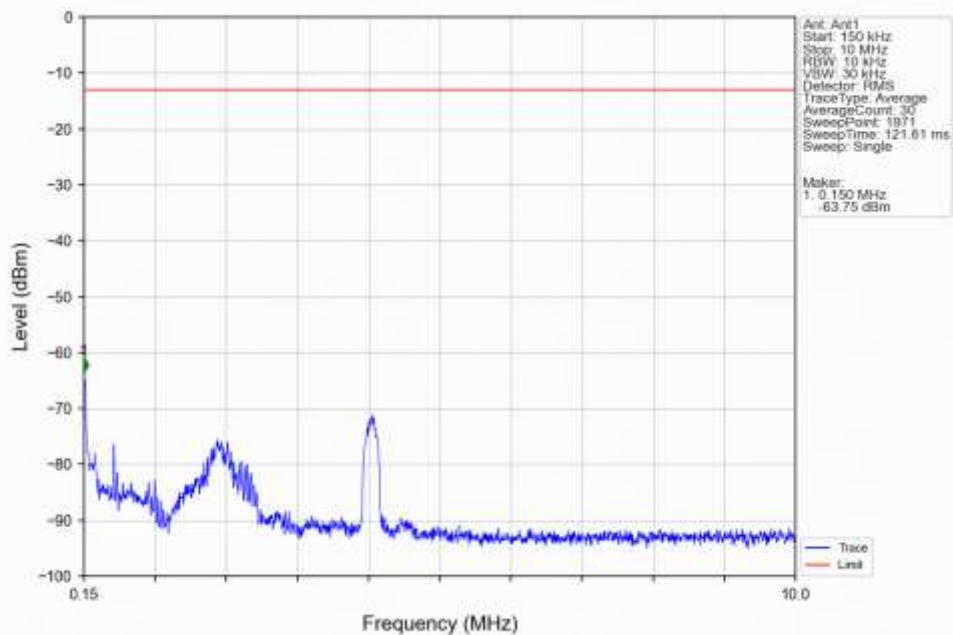
|  |      |     |    |                     |      |
|--|------|-----|----|---------------------|------|
|  |      | 100 | 0  | Refer To Test Graph | Pass |
|  | 1745 | 1   | 0  | Refer To Test Graph | Pass |
|  | 1770 | 1   | 0  | Refer To Test Graph | Pass |
|  |      |     | 99 | Refer To Test Graph | Pass |
|  |      | 100 | 0  | Refer To Test Graph | Pass |

## 6.2 Test Graph

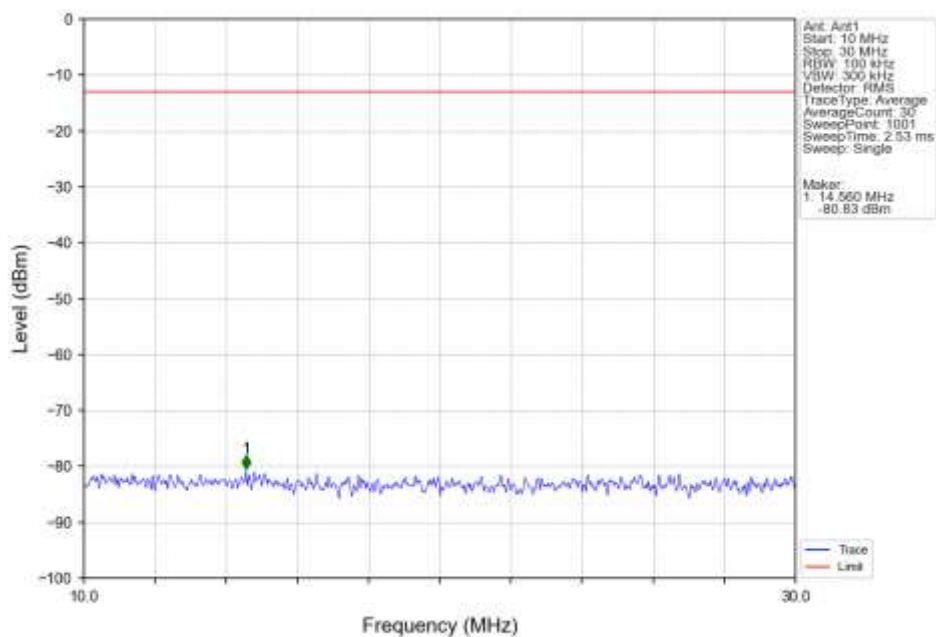
### 6.2.1 B66\_1.4MHz



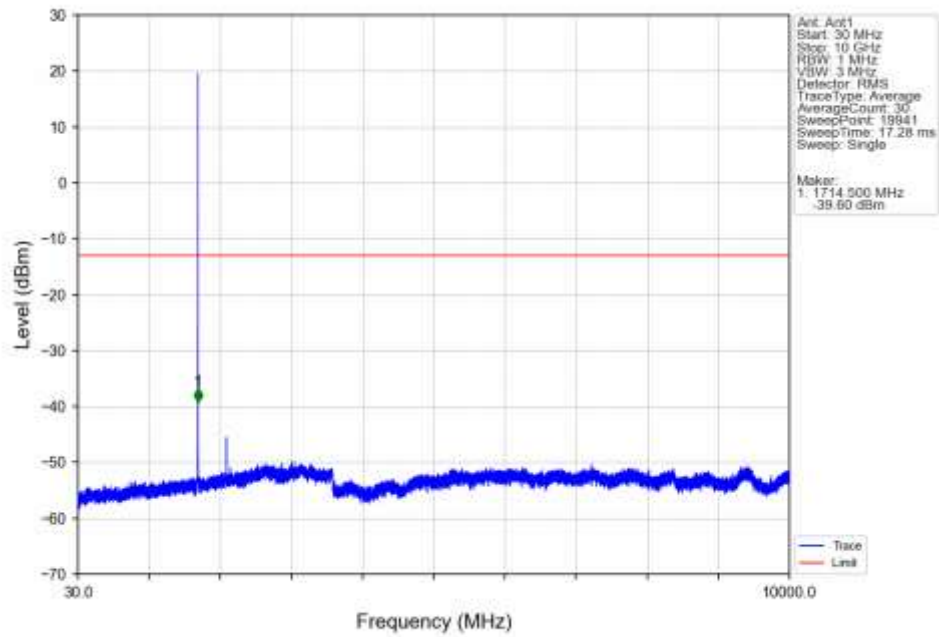
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



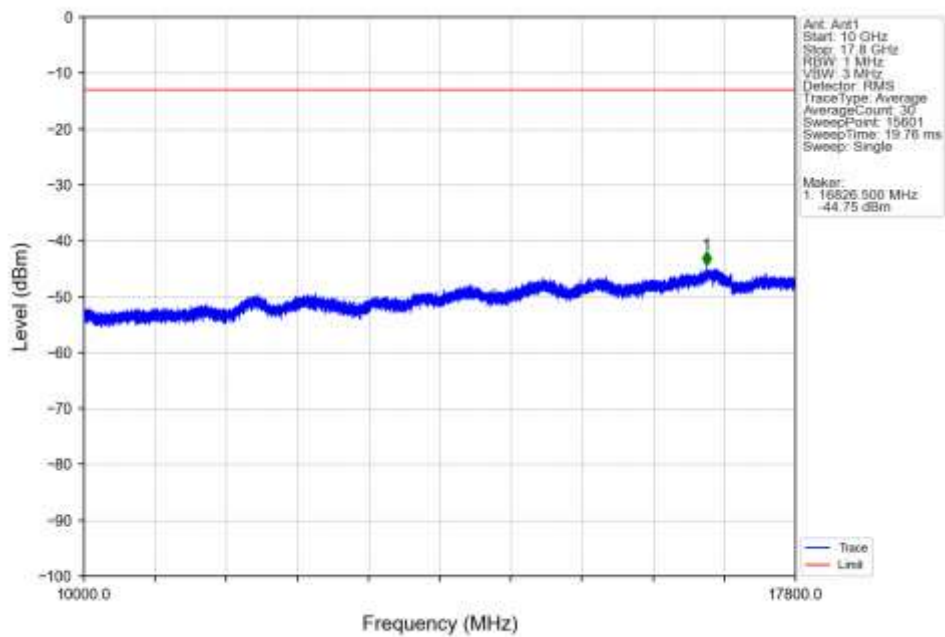
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



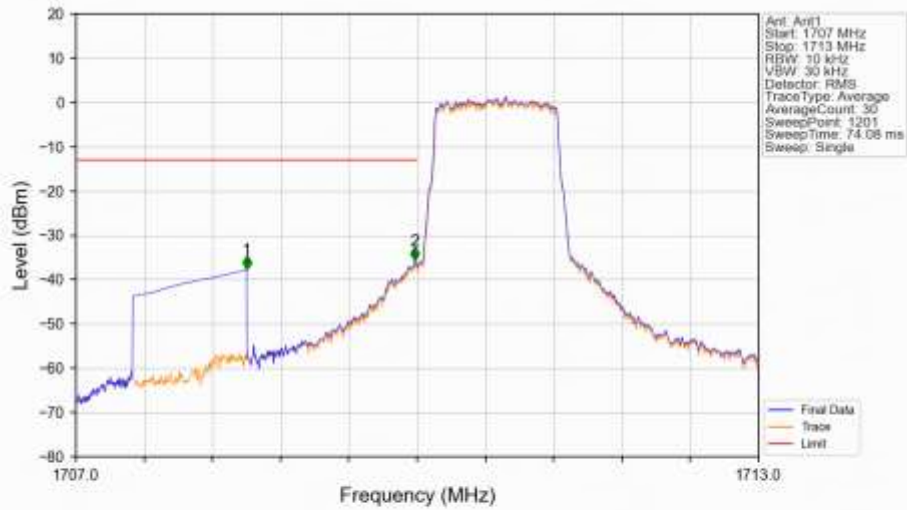
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



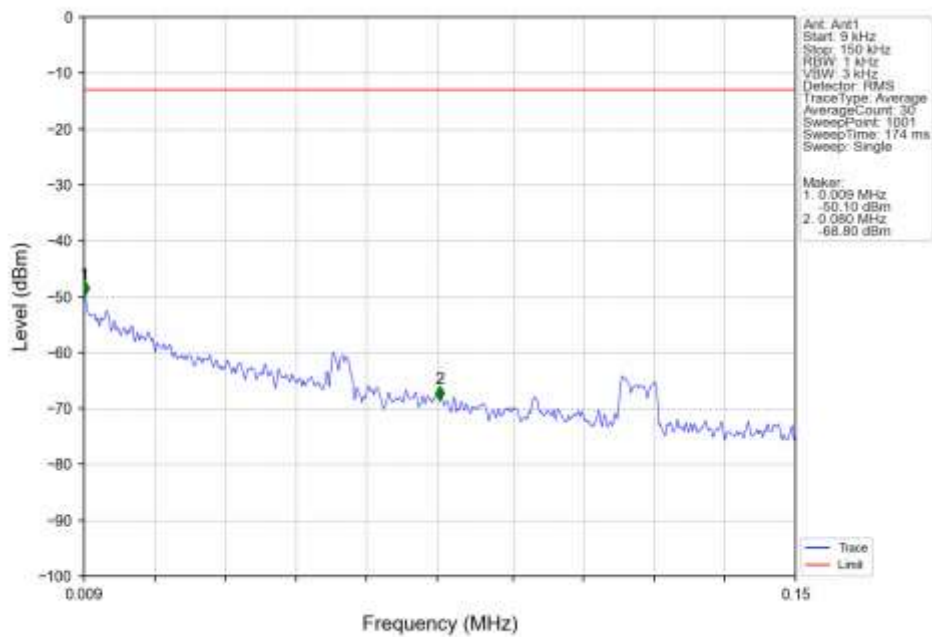
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



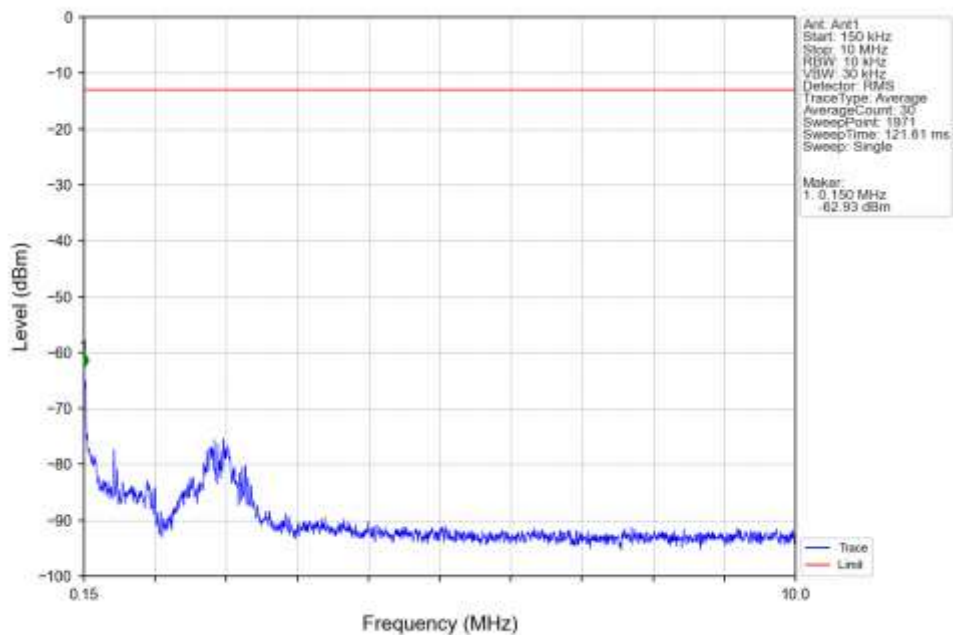
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



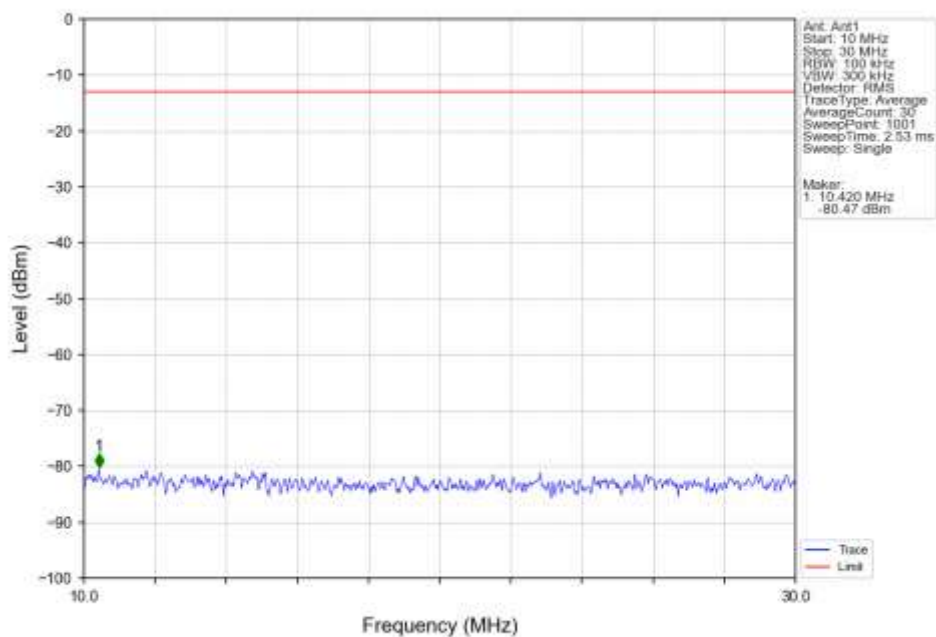
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



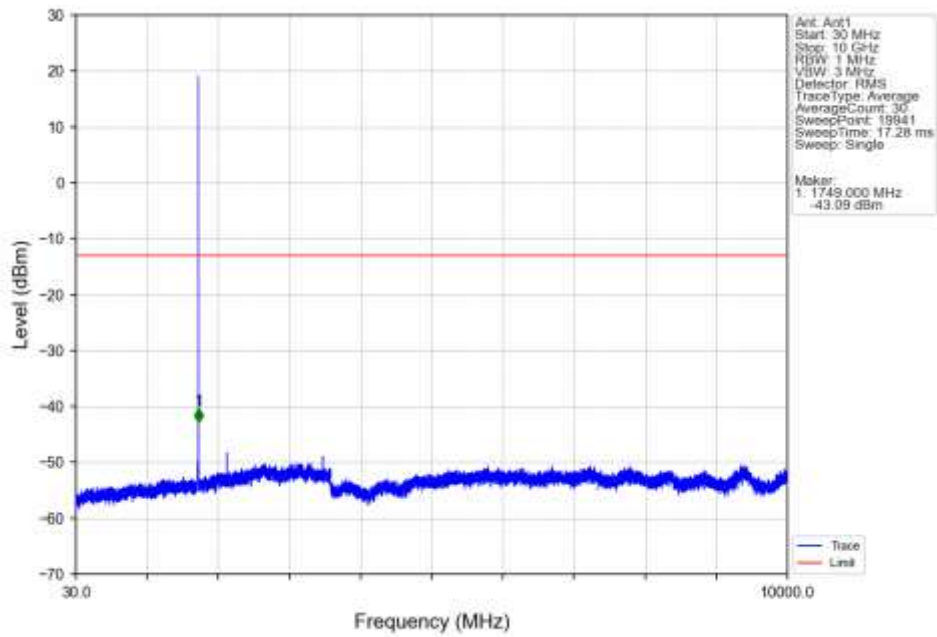
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



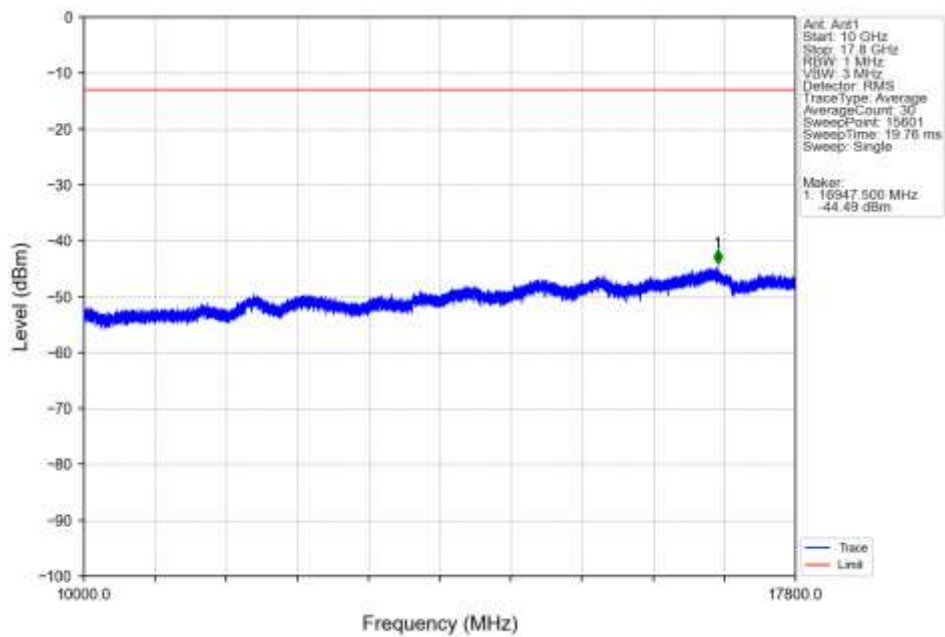
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



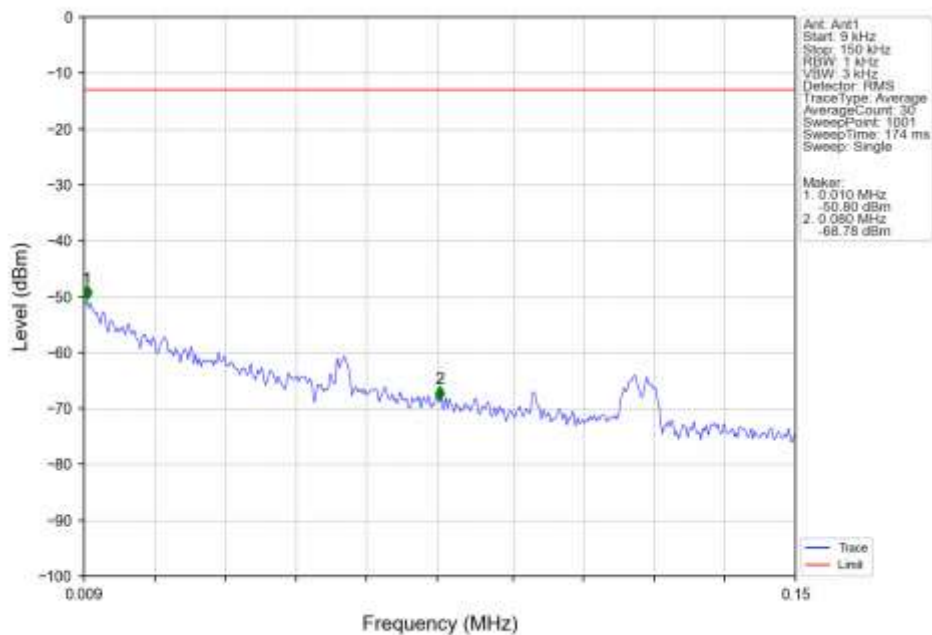
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



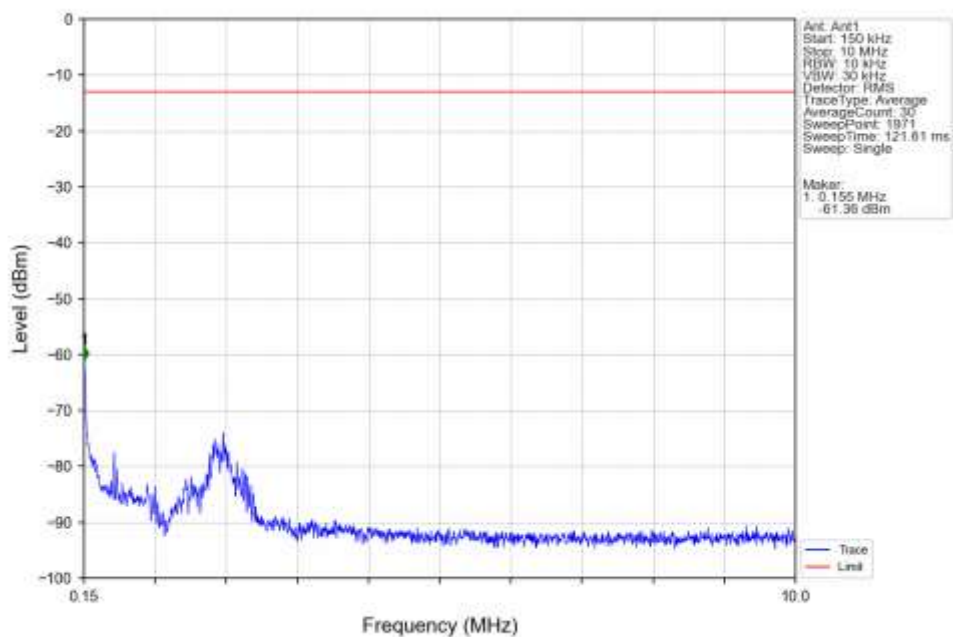
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



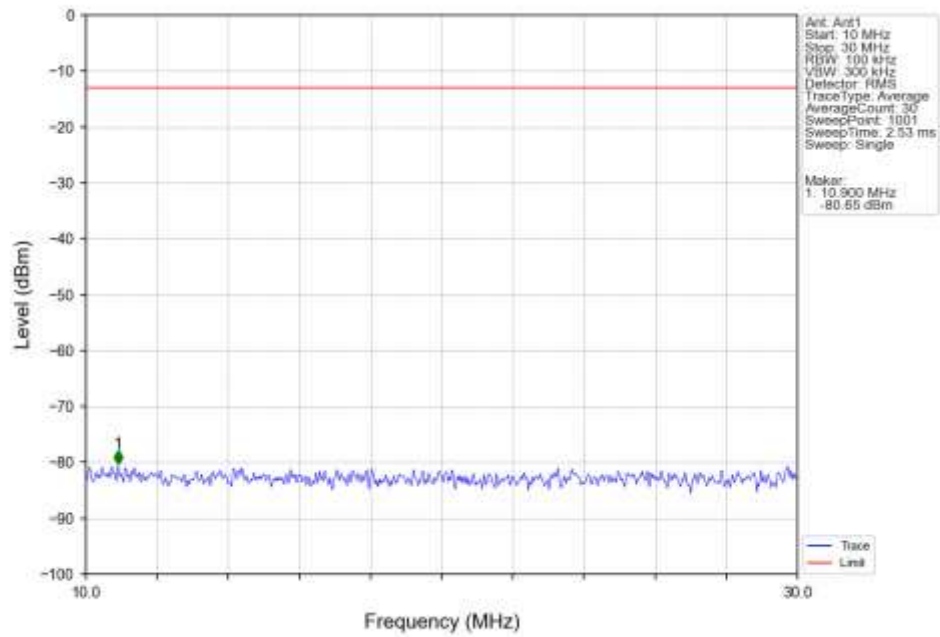
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



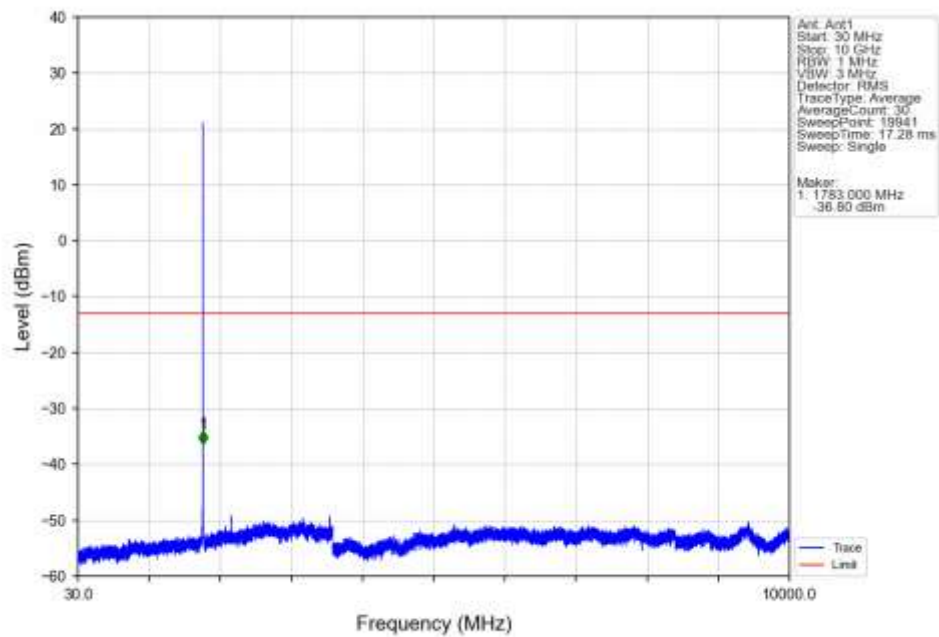
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



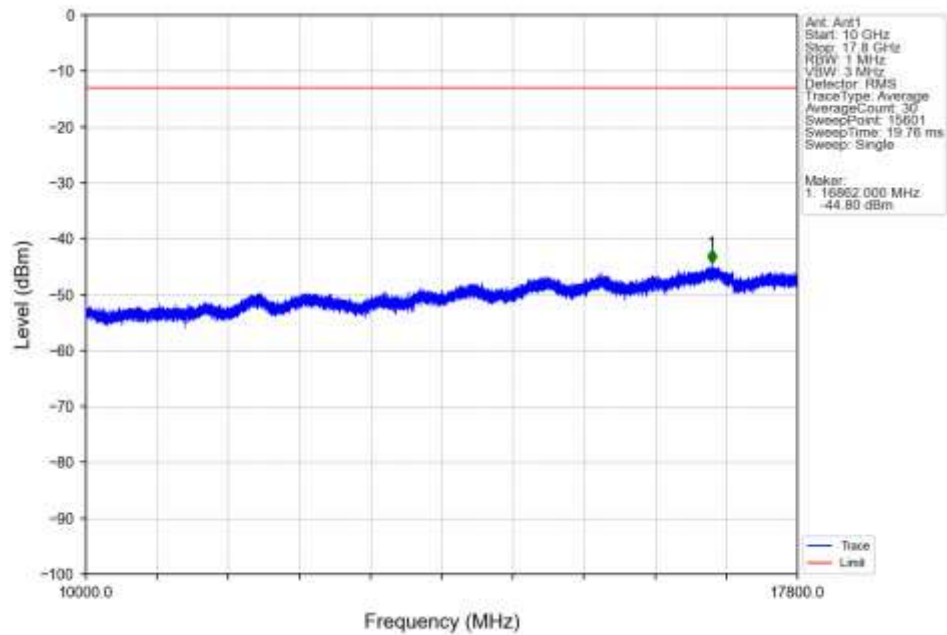
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



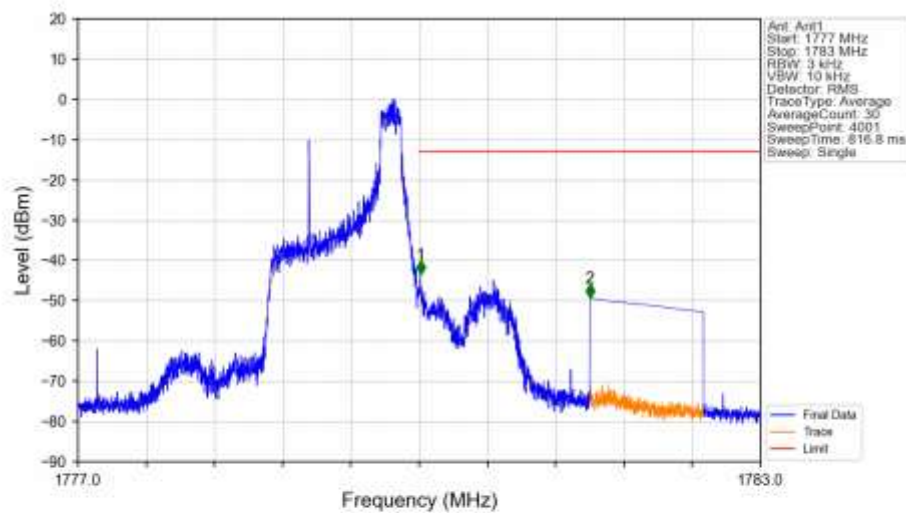
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

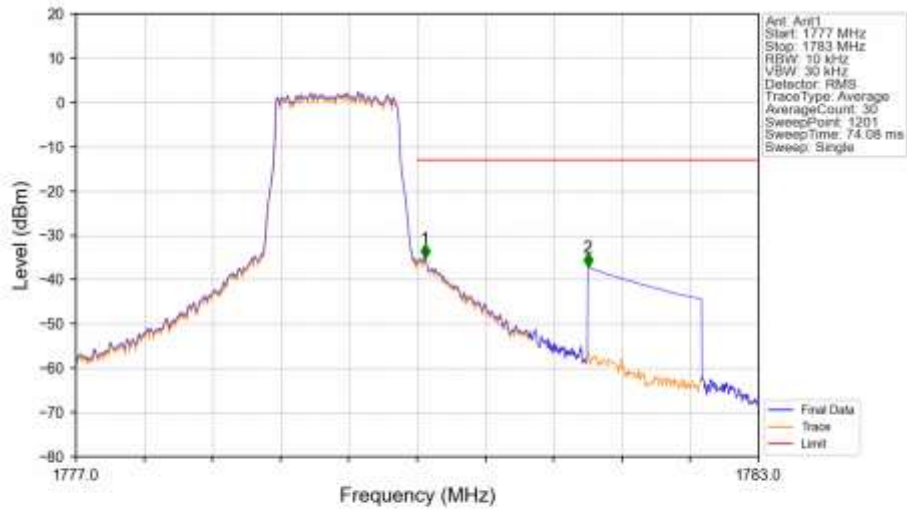


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



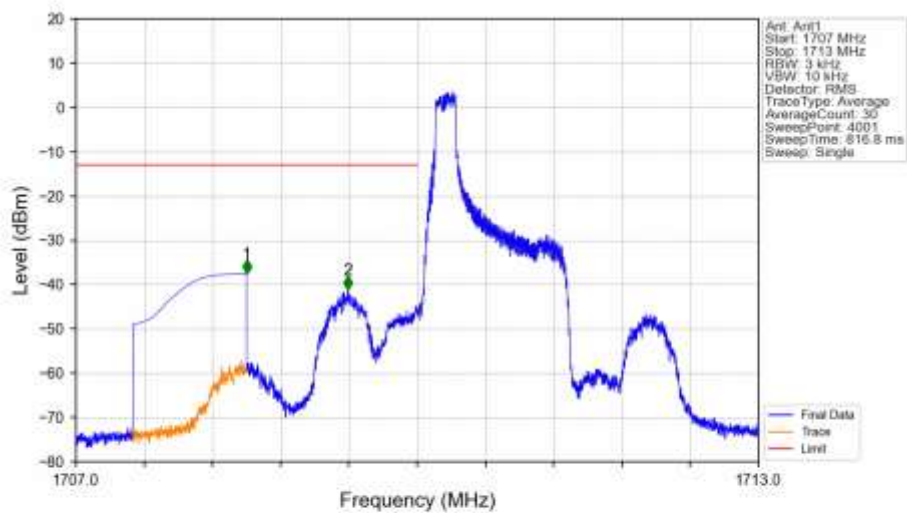
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.012   | -43.49      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -49.32      | -13         | Pass   |

## Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



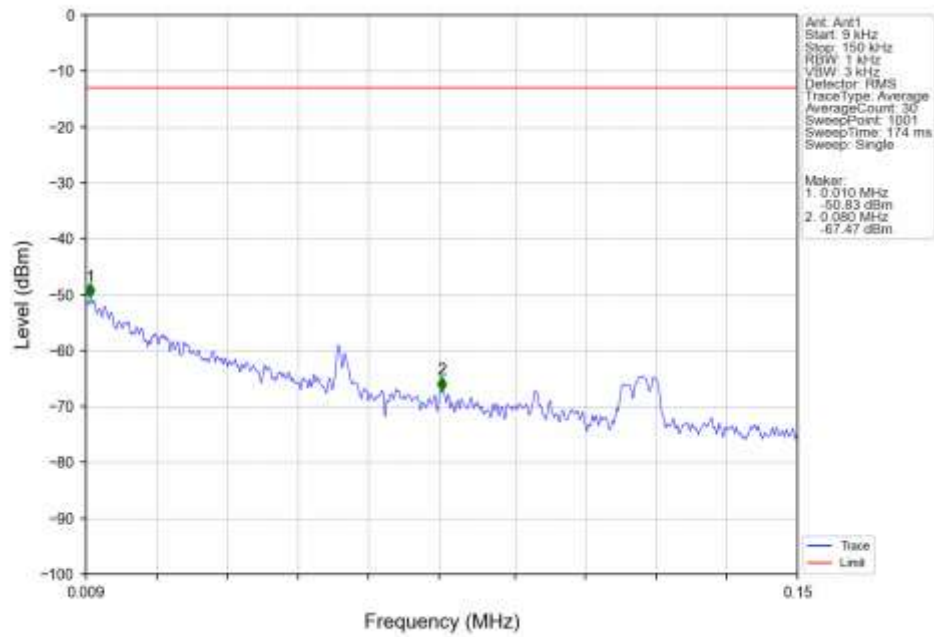
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.013     | CHP    | 1          | 1780.070   | -35.08      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -37.14      | -13         | Pass   |

## Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

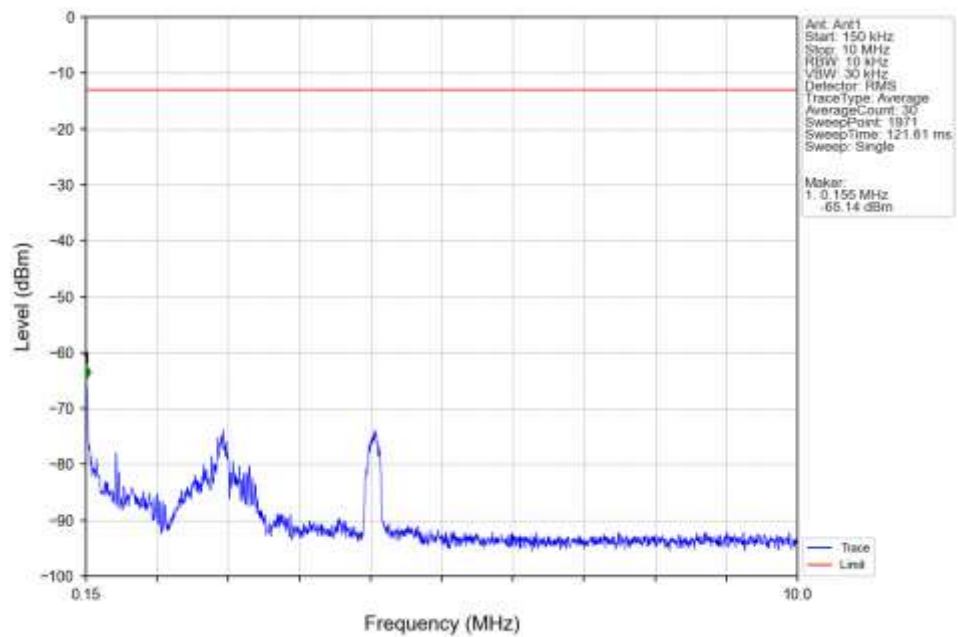


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -37.54      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.389   | -41.10      | -13         | Pass   |
| 1710        | 1713       | 0.003     | /      | /          | /          | /           | /           | /      |

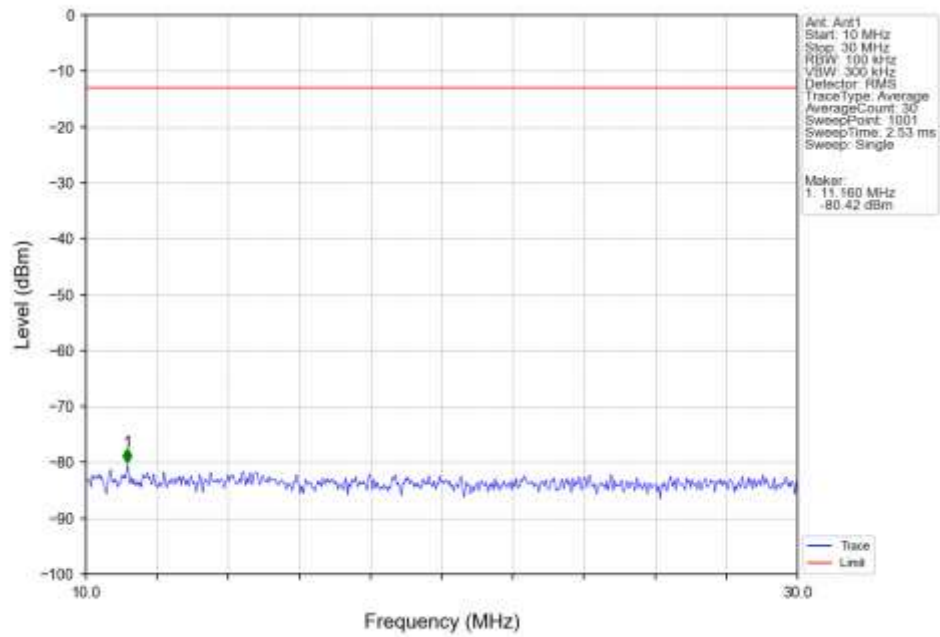
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



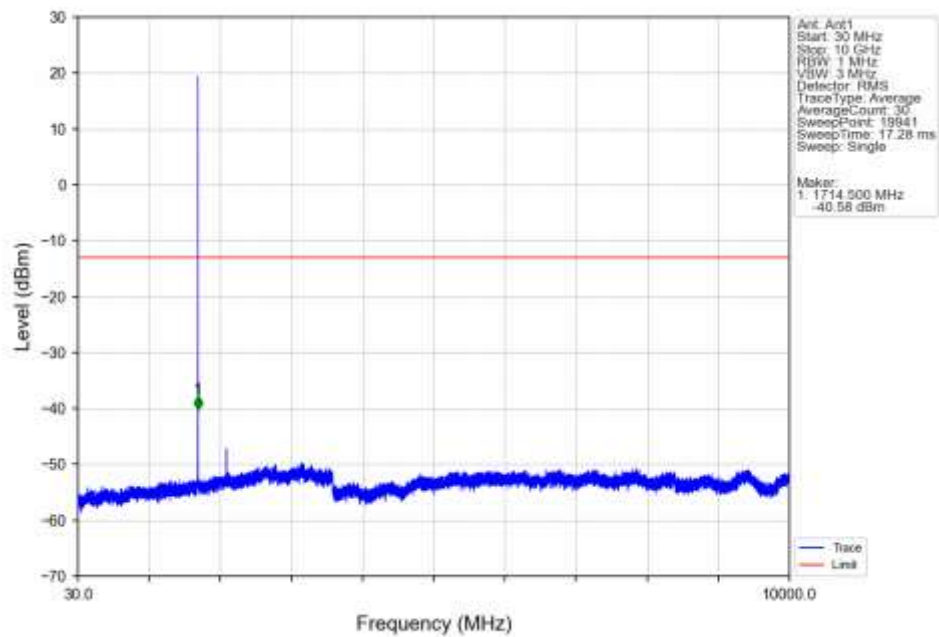
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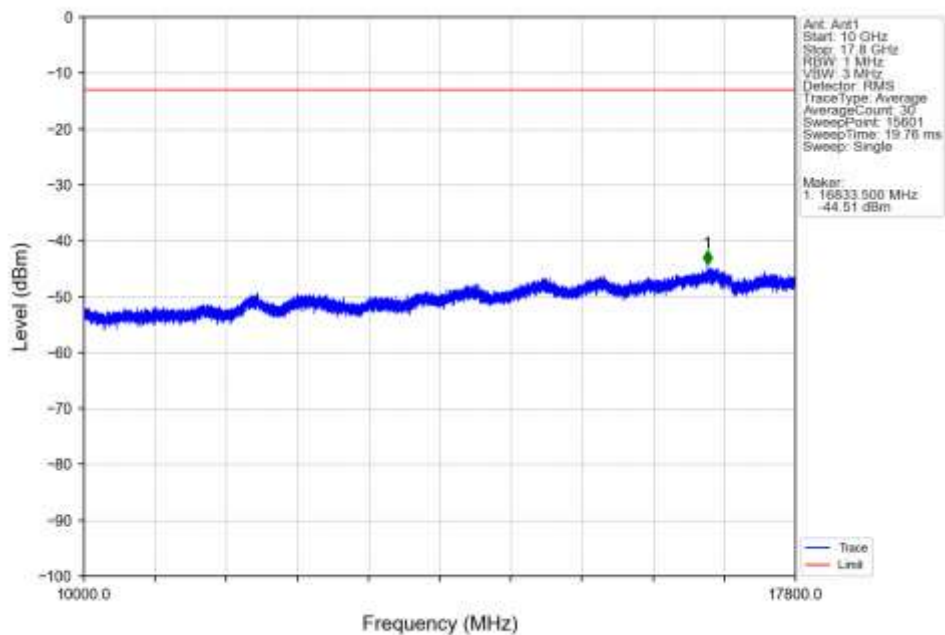
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



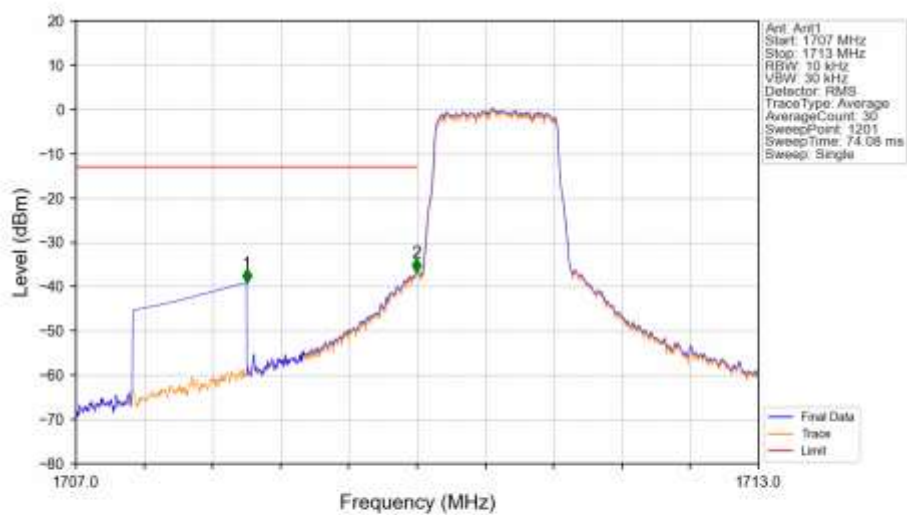
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Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

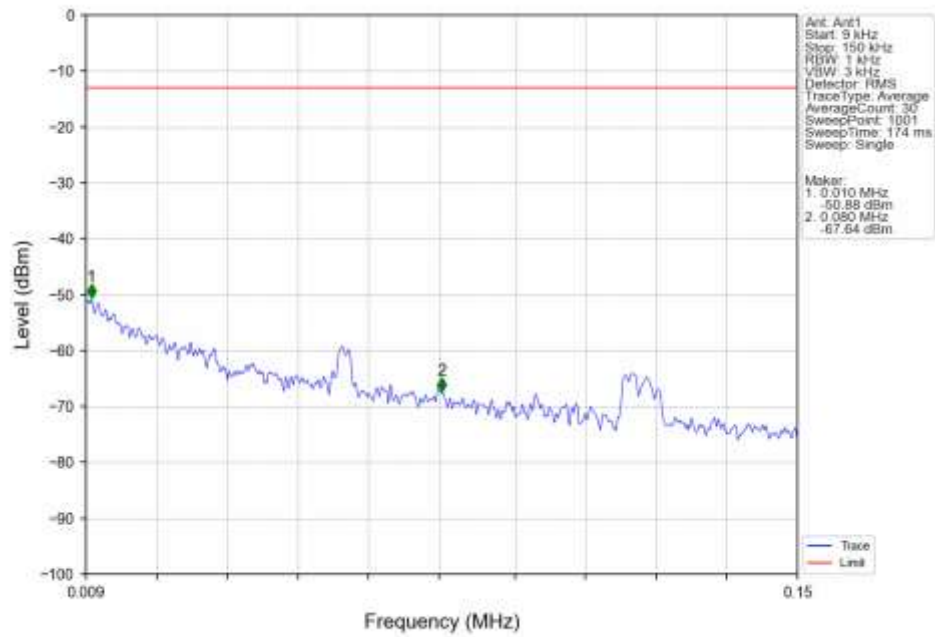


Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

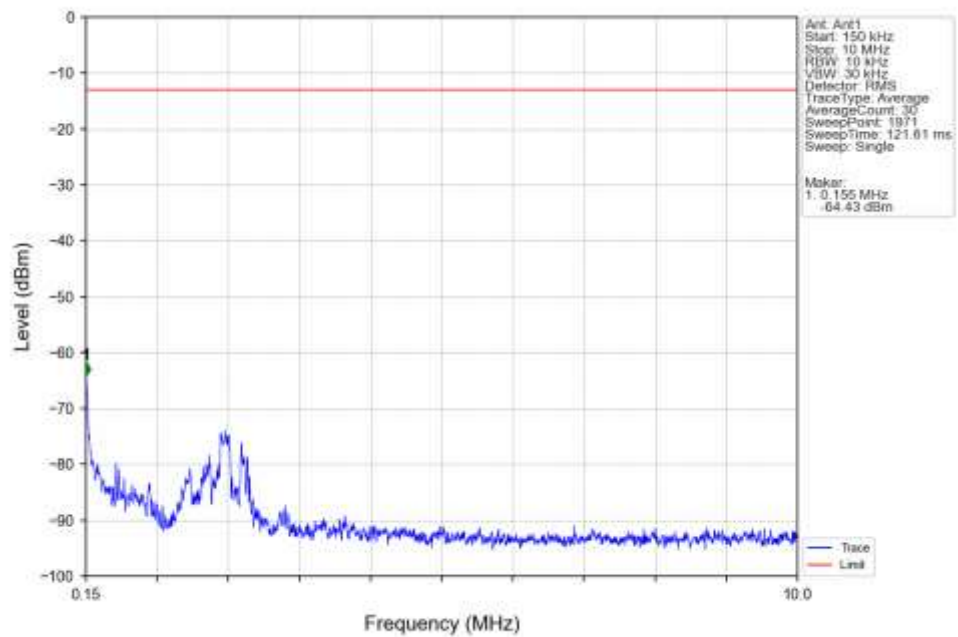


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -39.10      | -13         | Pass   |
| 1709        | 1710       | 0.013     | CHP    | 2          | 1709.995   | -36.80      | -13         | Pass   |
| 1710        | 1713       | 0.013     | CHP    | /          | /          | /           | /           | /      |

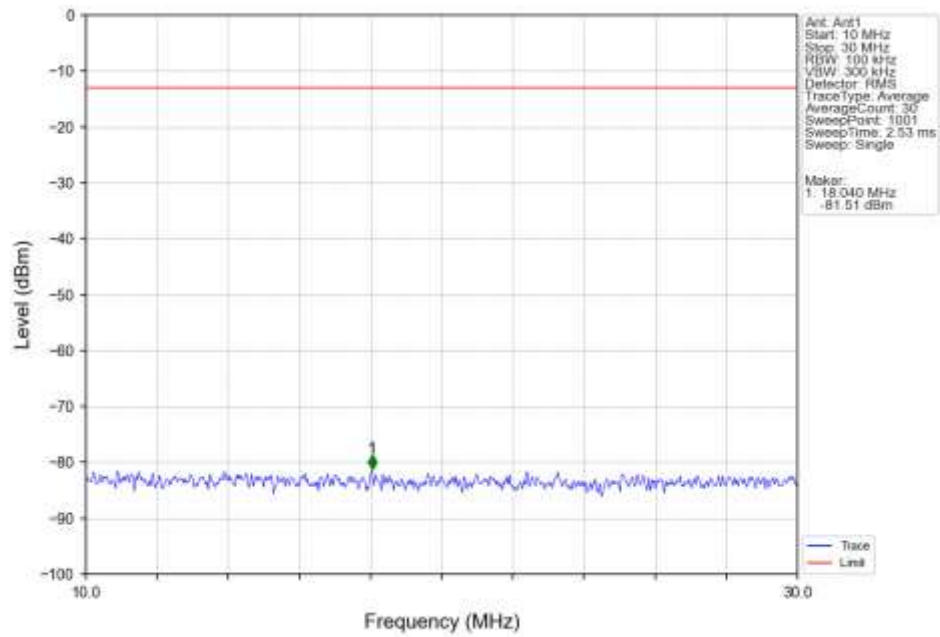
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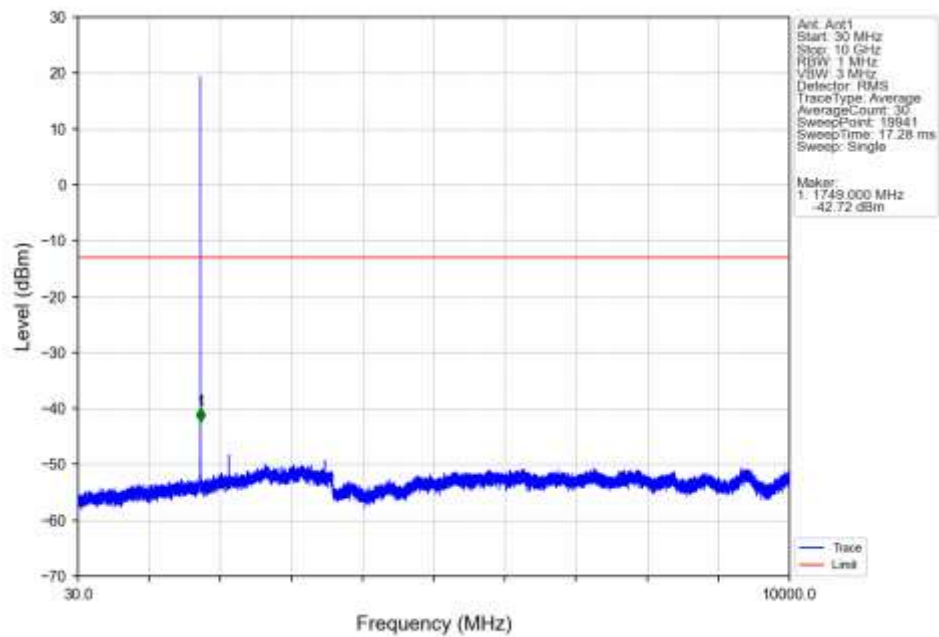
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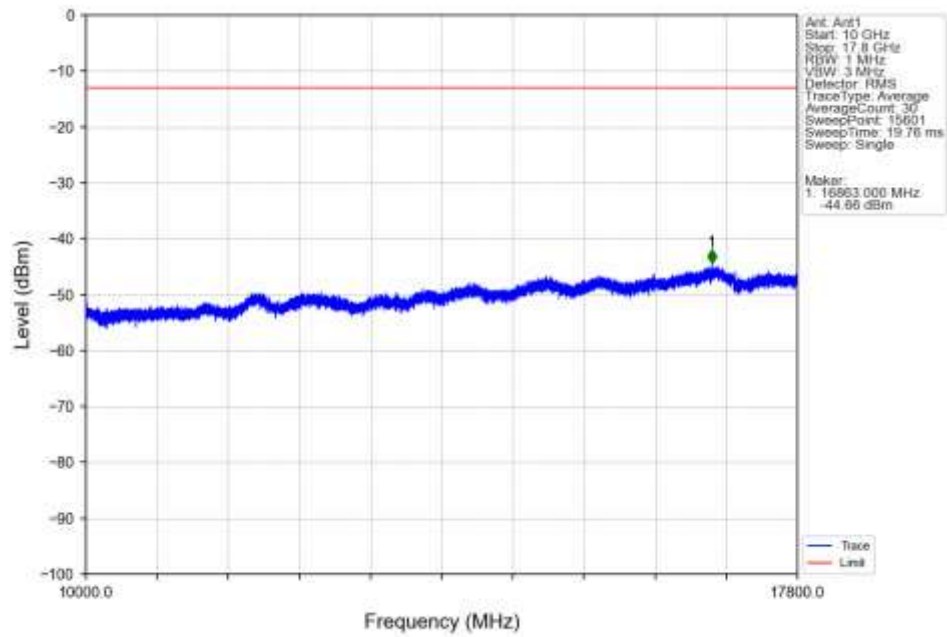
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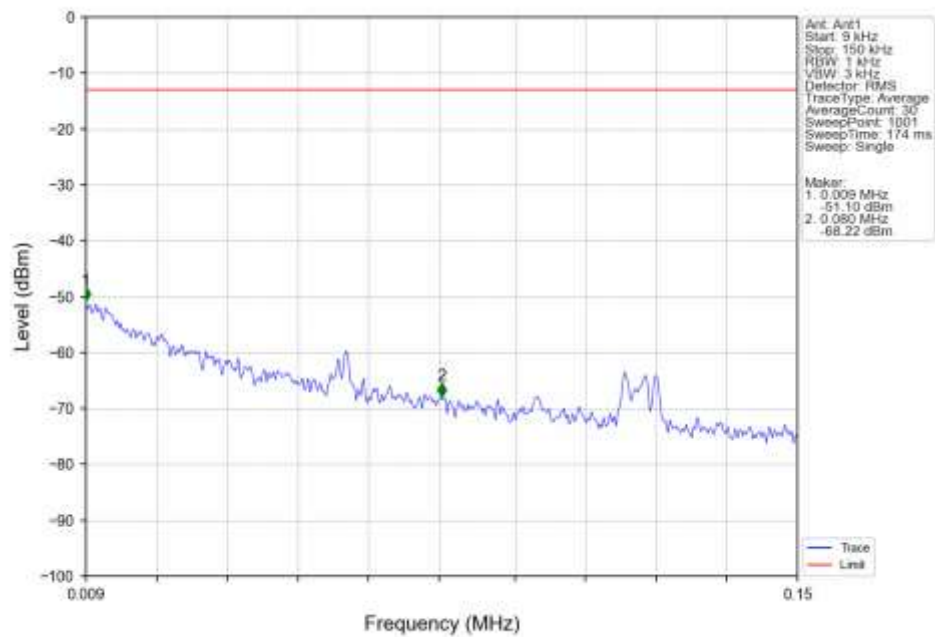
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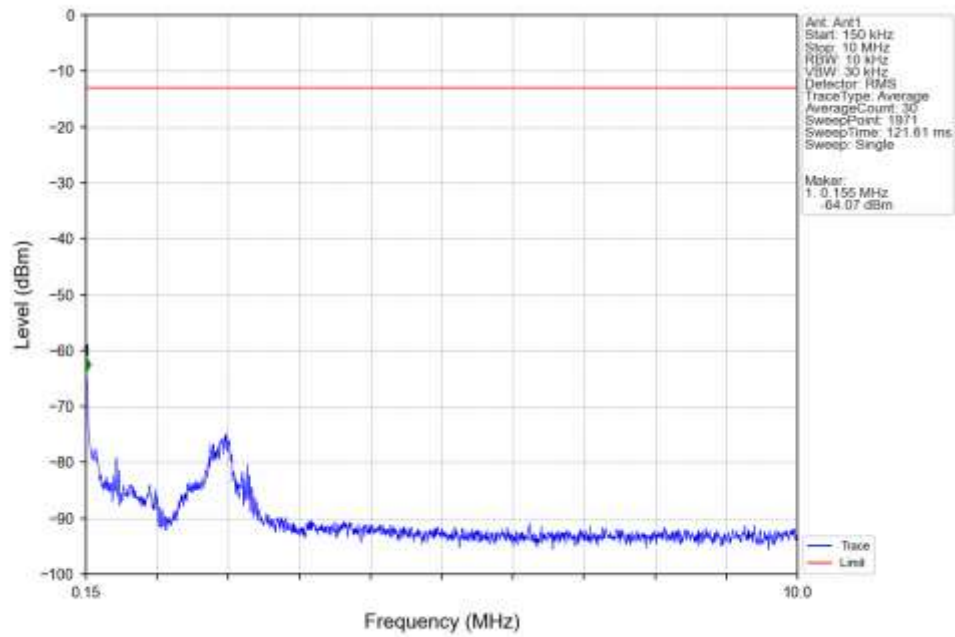
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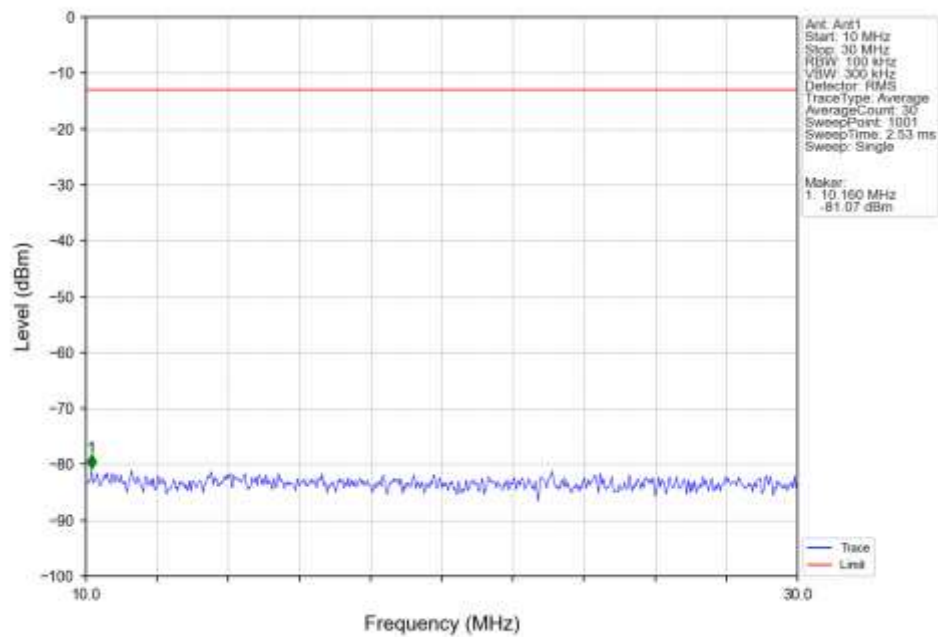
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



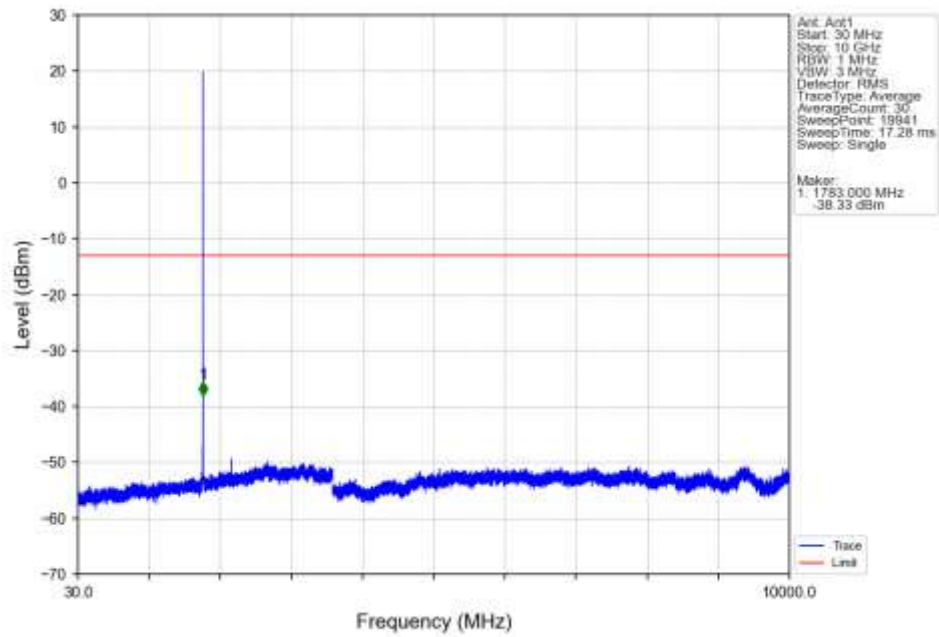
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



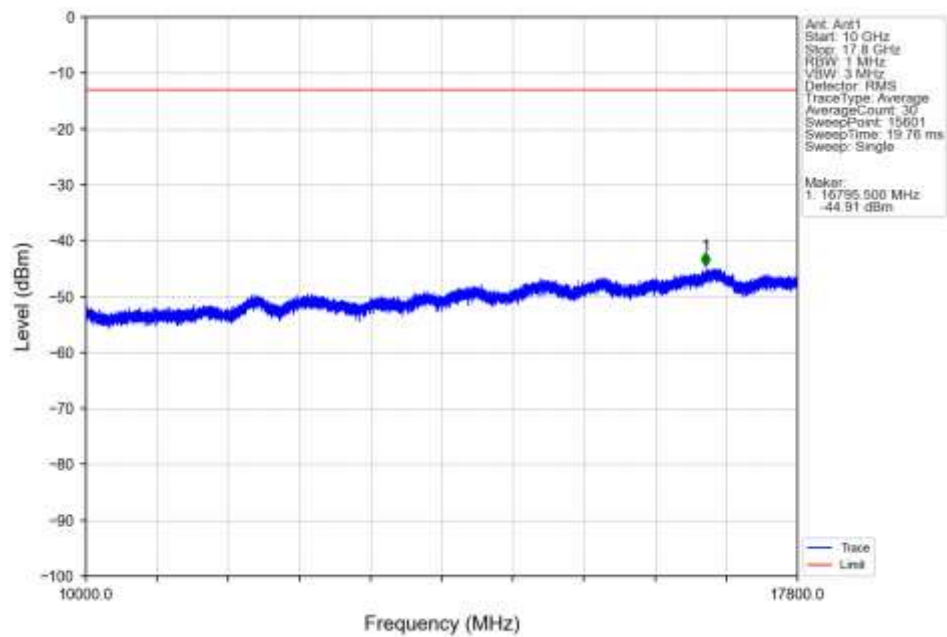
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



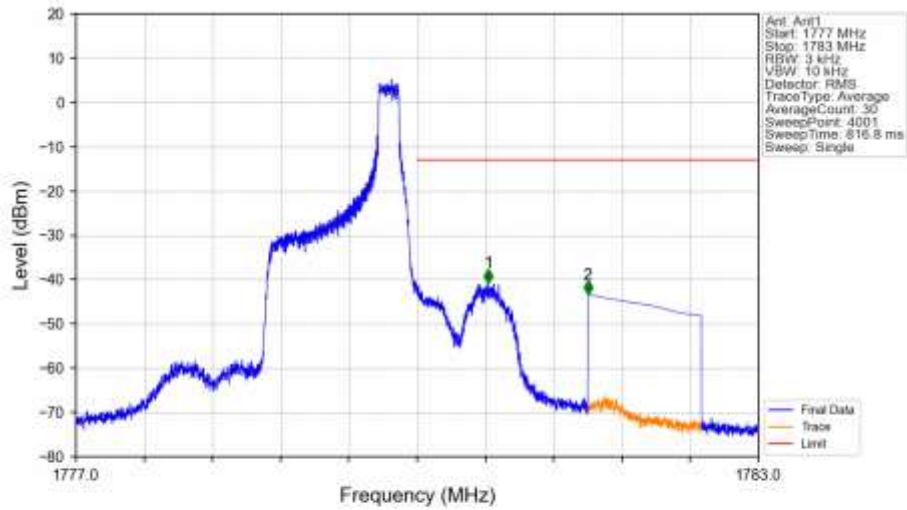
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



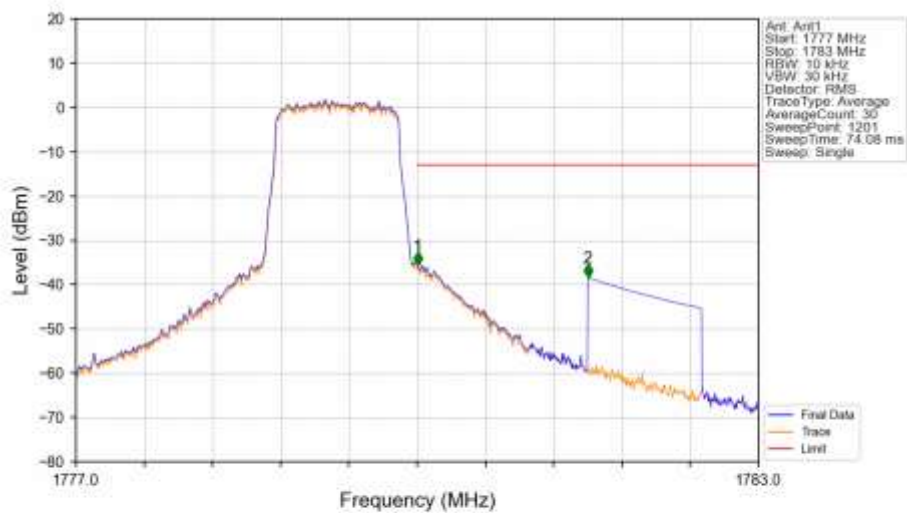
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 5 NTNV

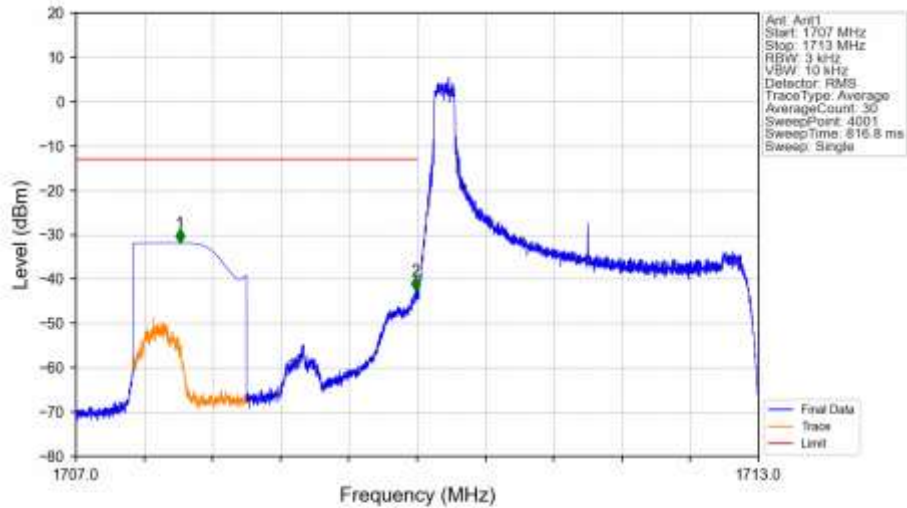


Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV

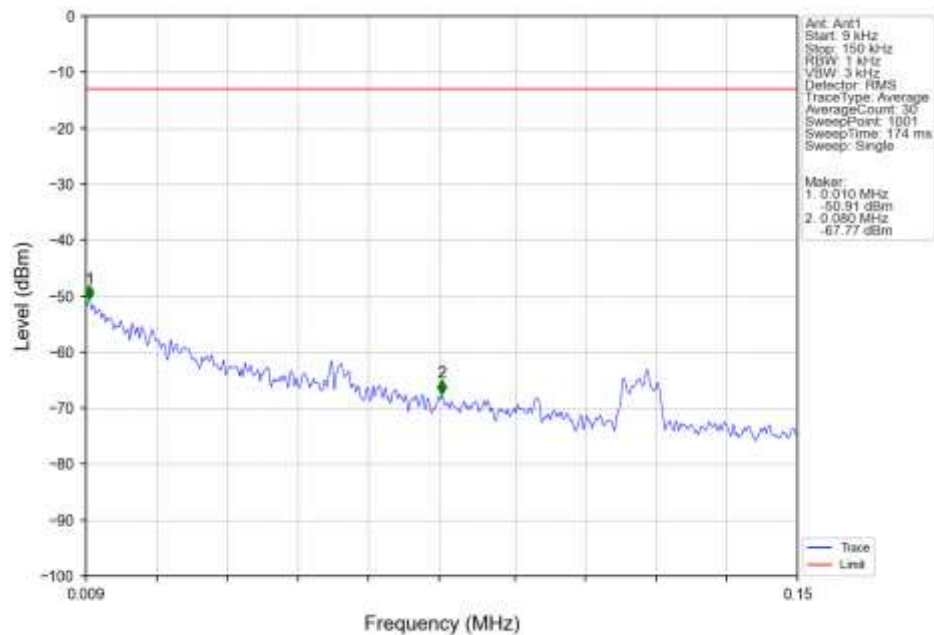


### 6.2.2 B66\_3MHz

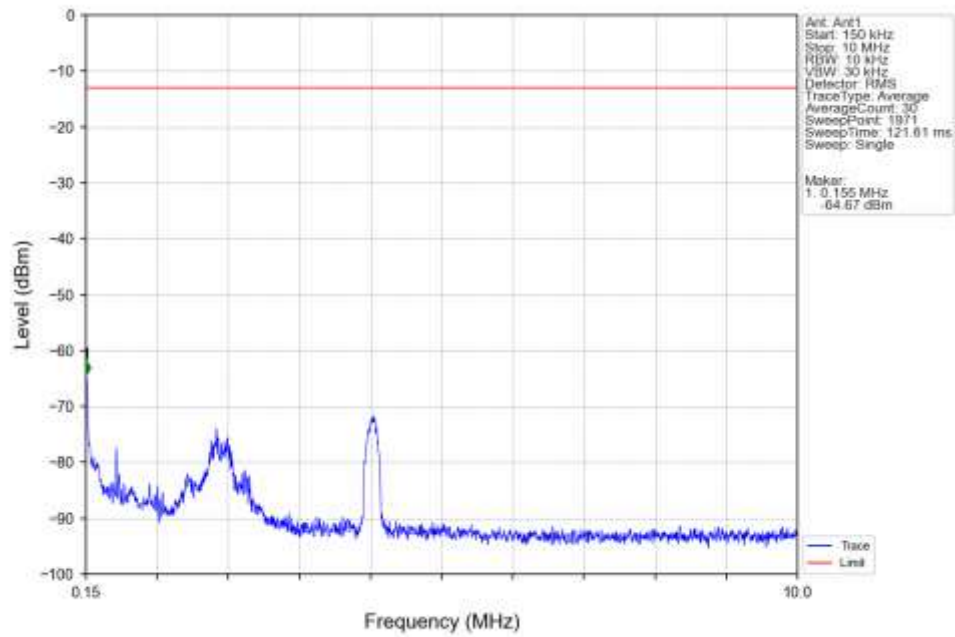
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



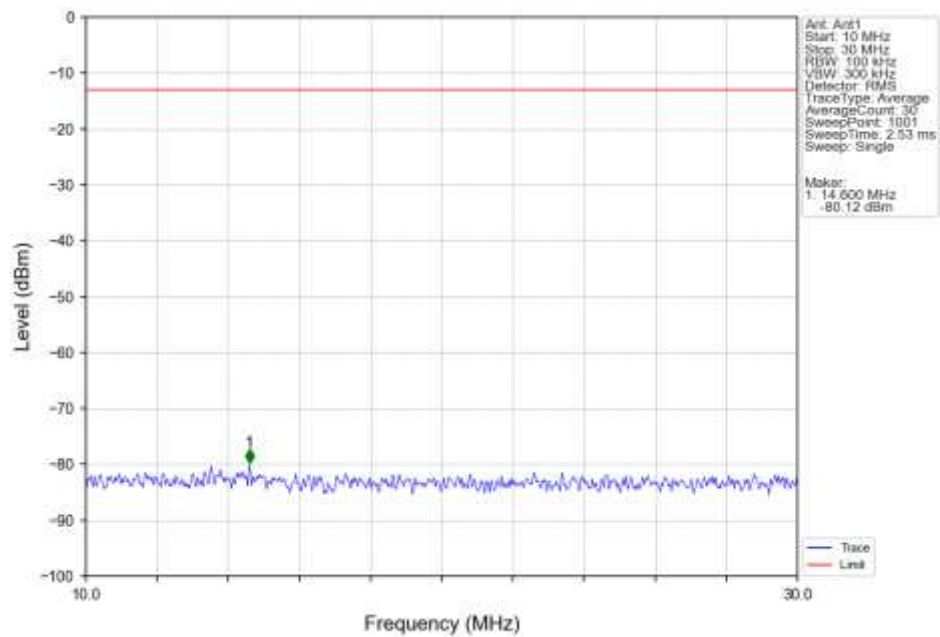
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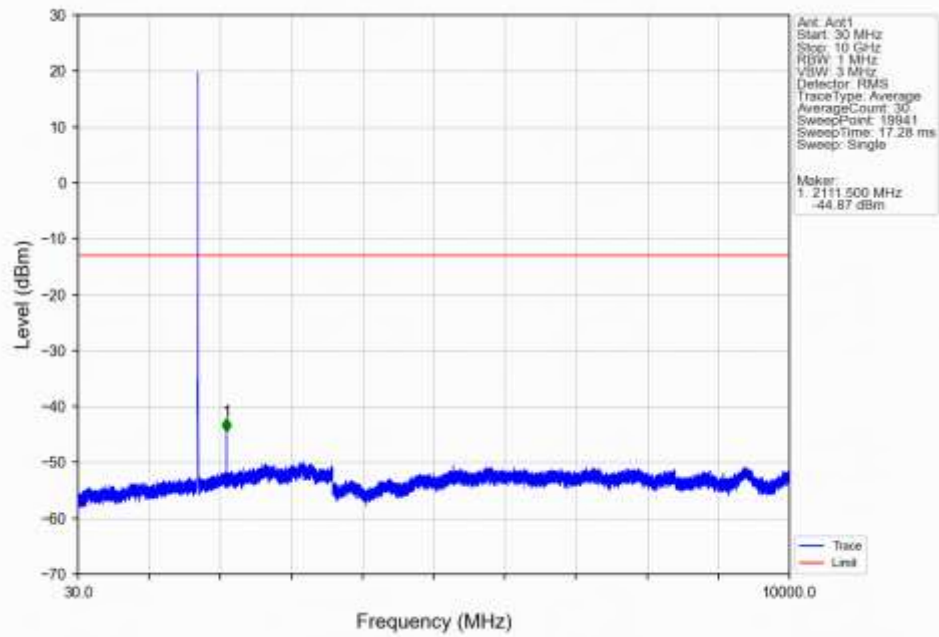
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



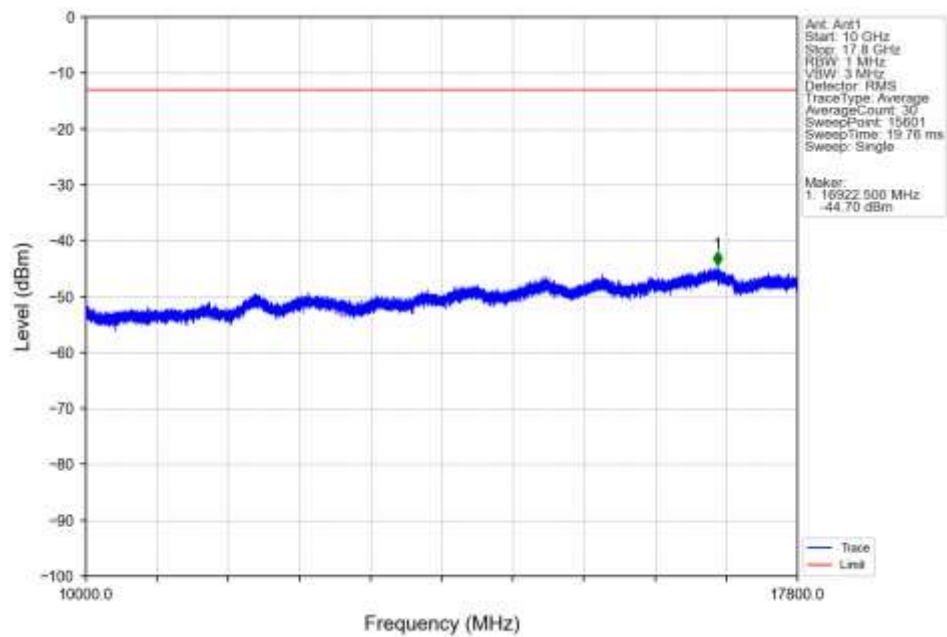
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



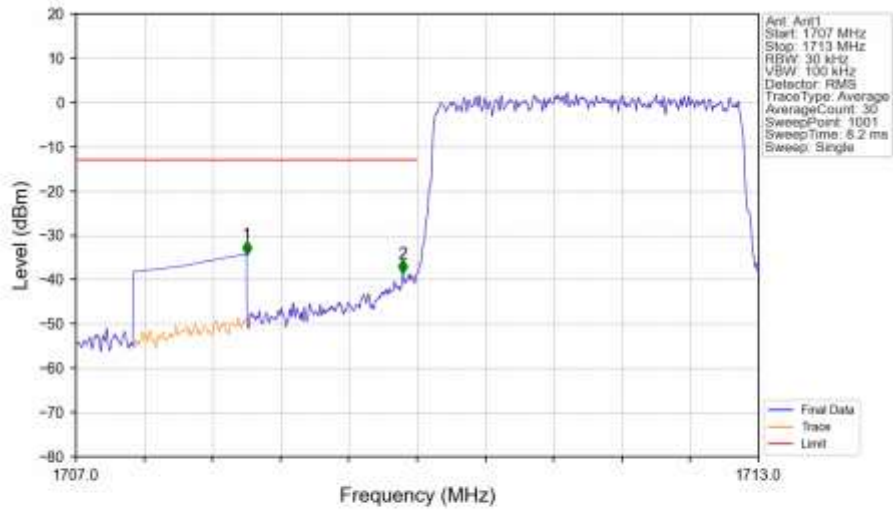
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



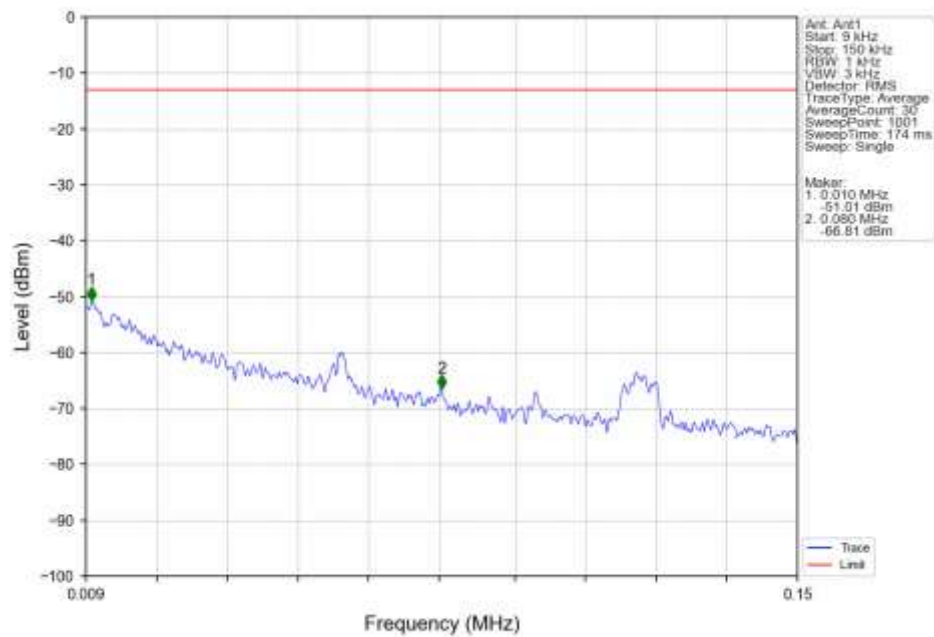
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



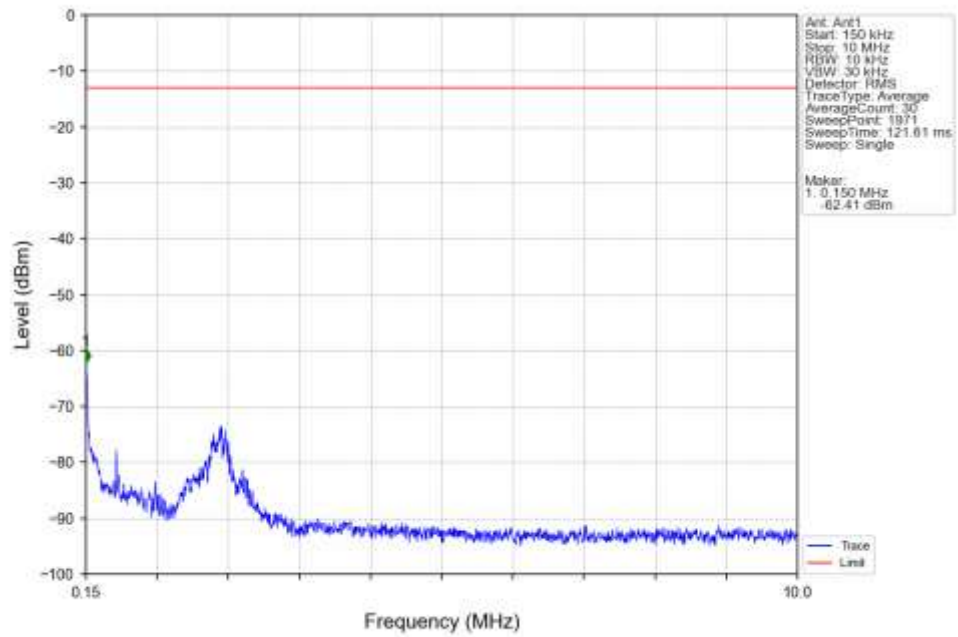
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



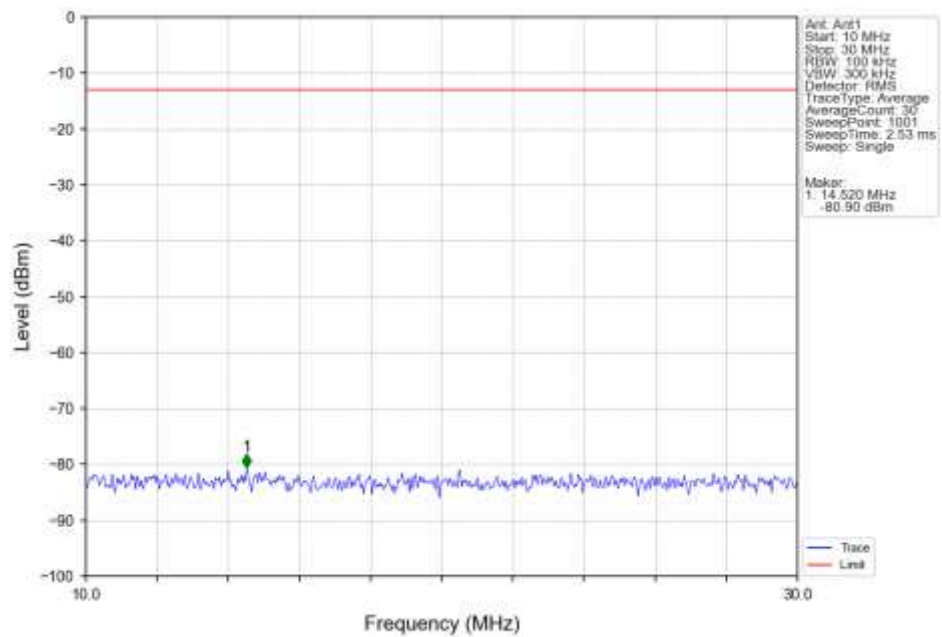
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



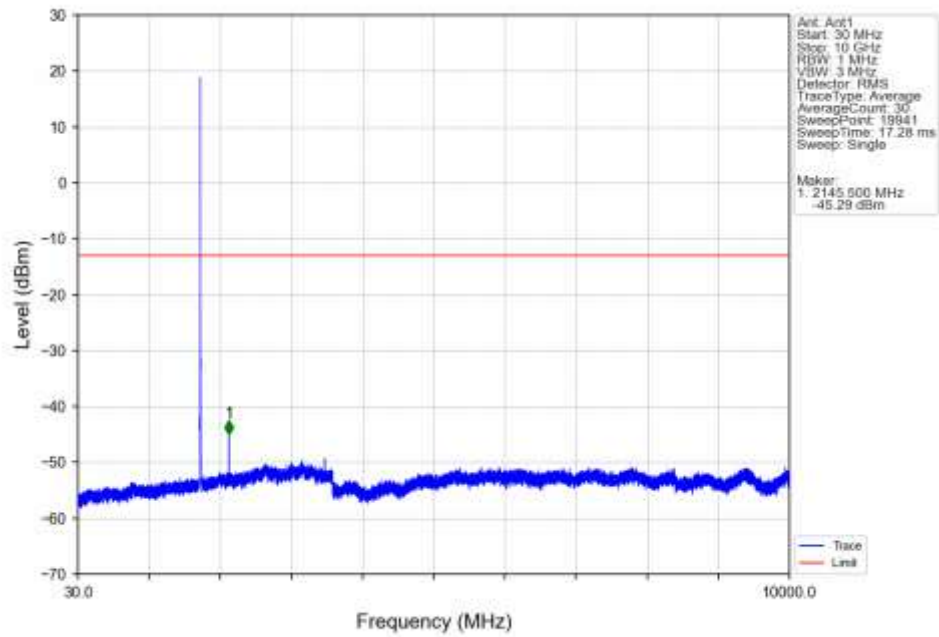
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



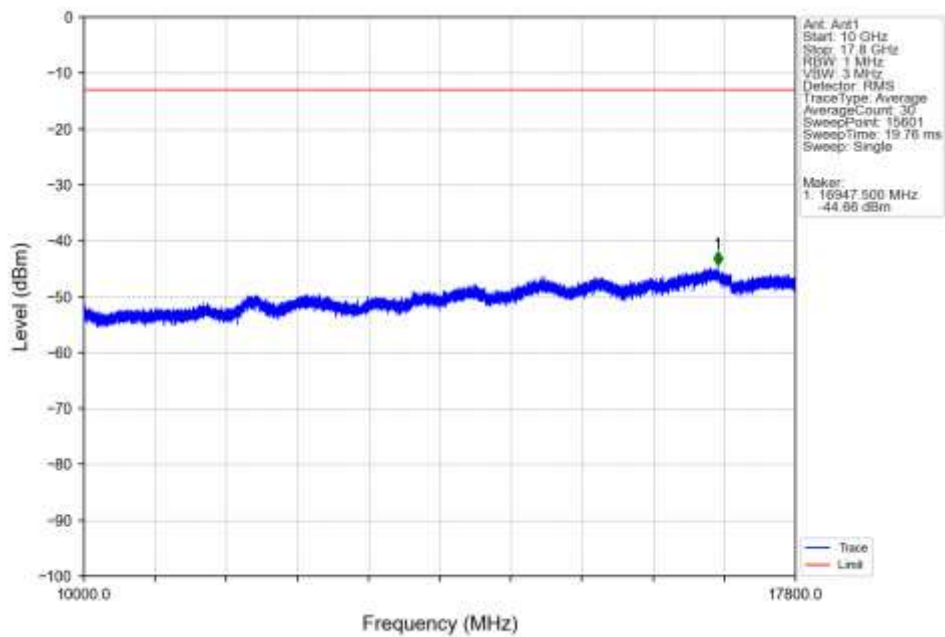
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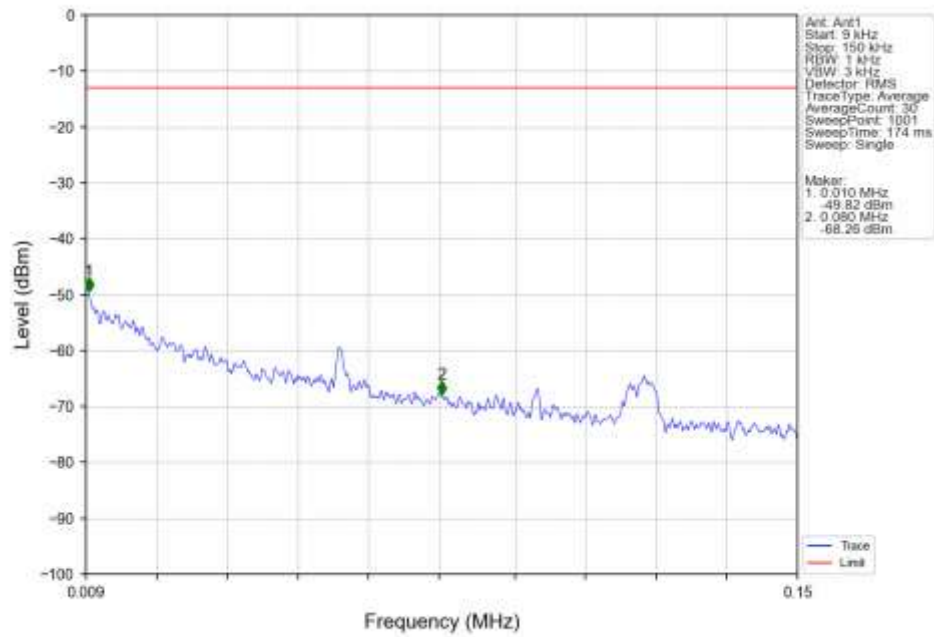
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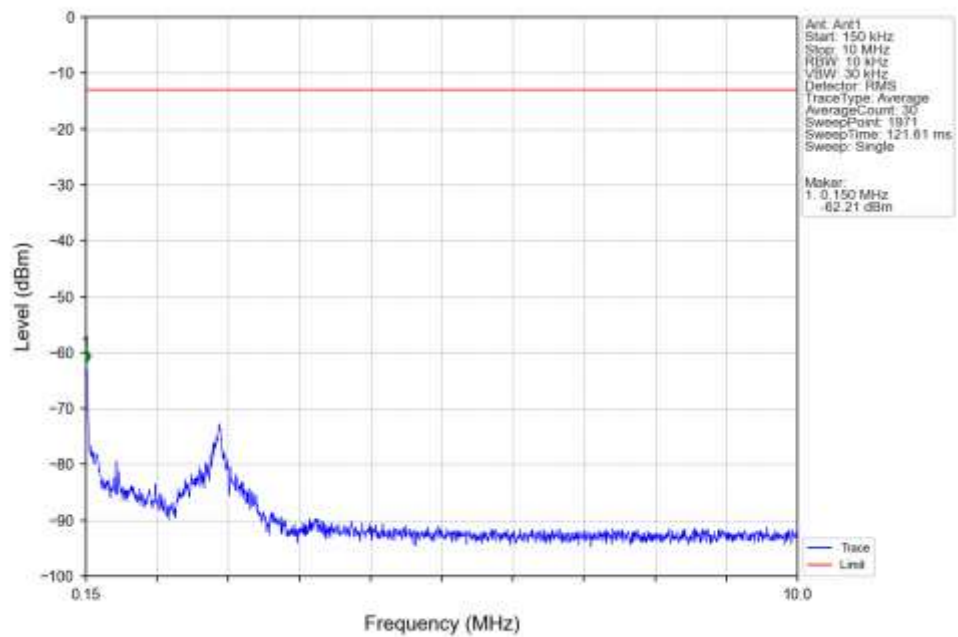
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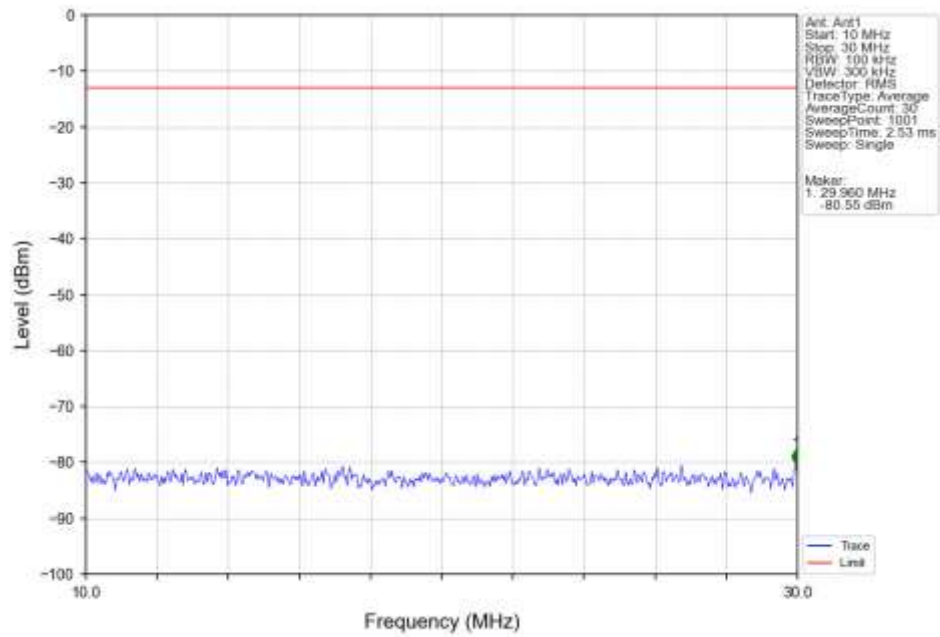
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



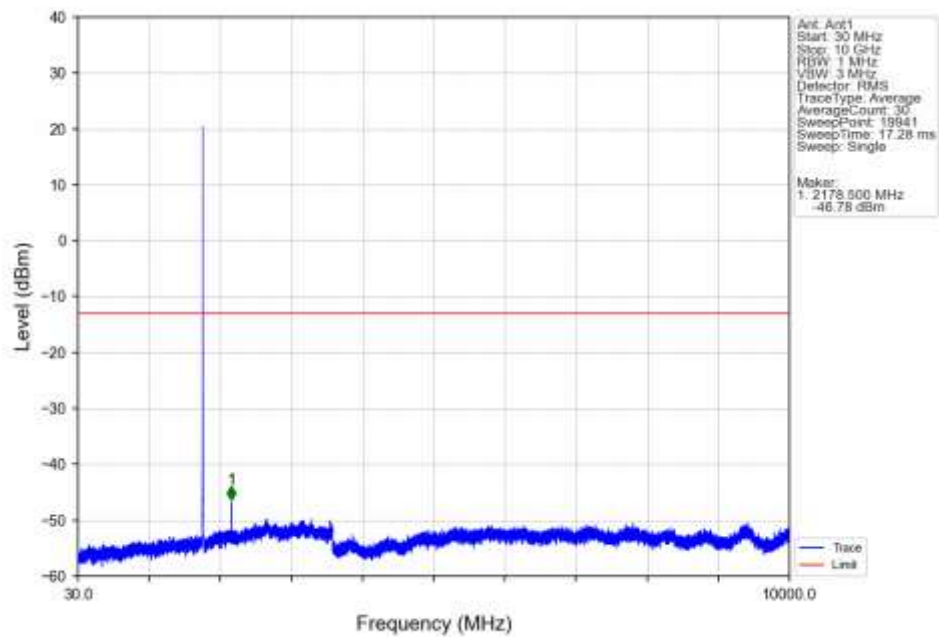
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



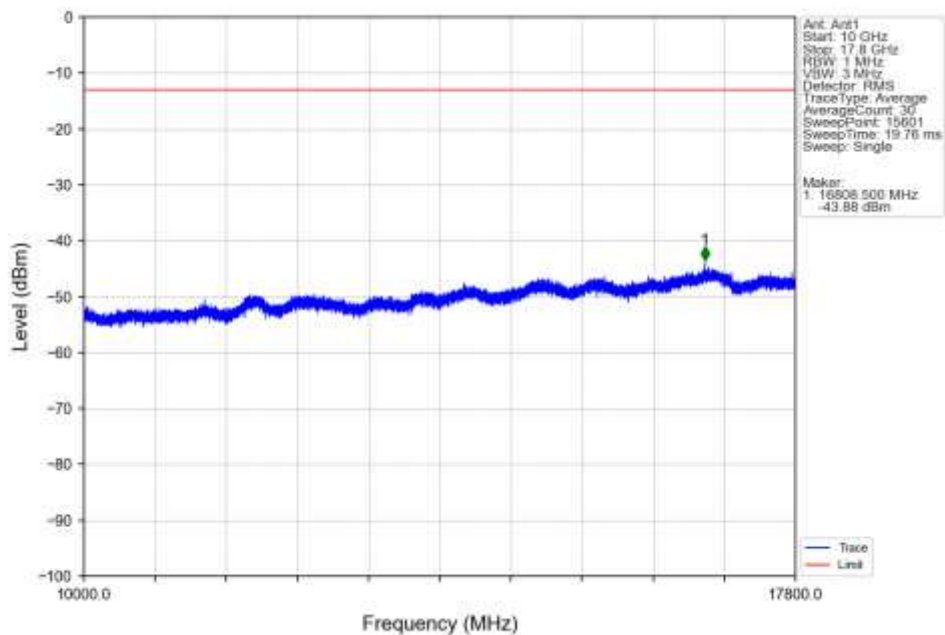
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



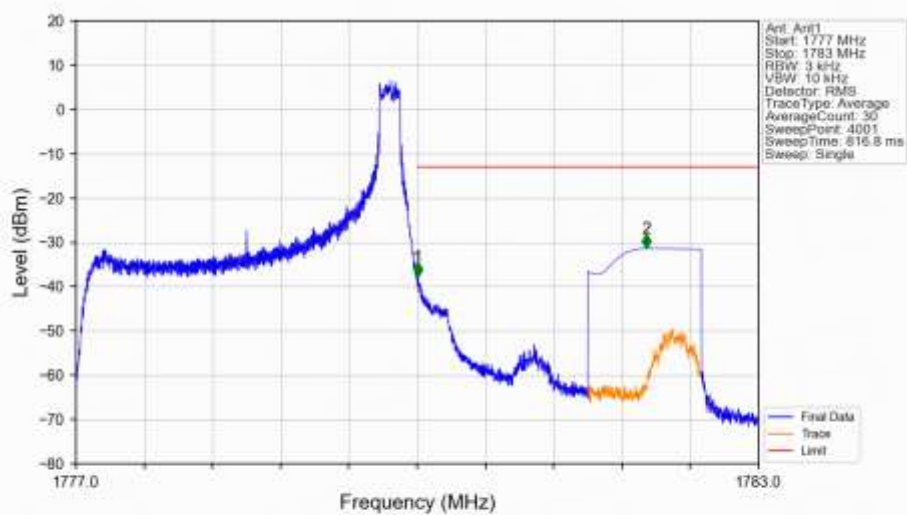
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV

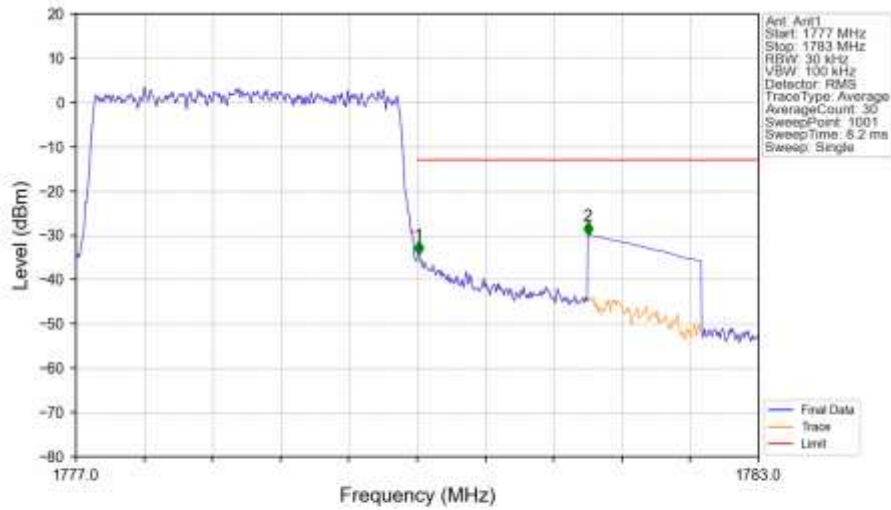


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



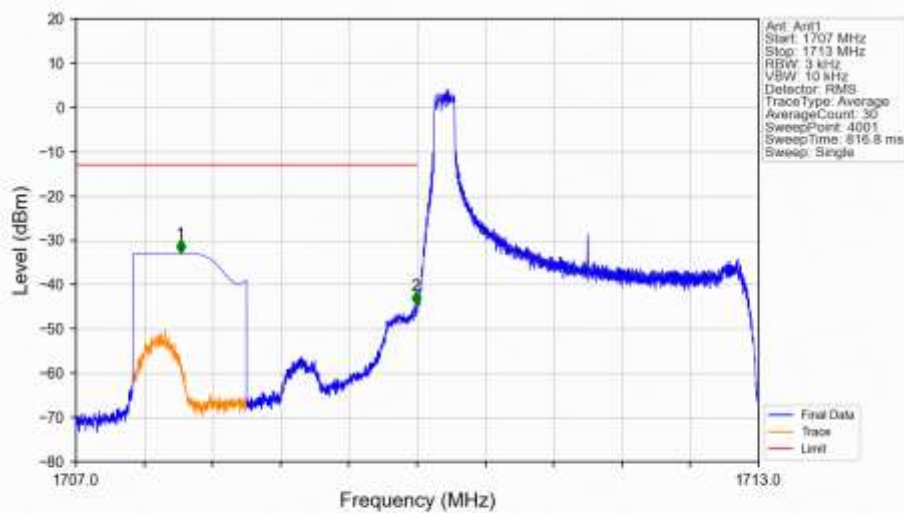
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.006   | -37.72      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1782.016   | -31.38      | -13         | Pass   |

Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



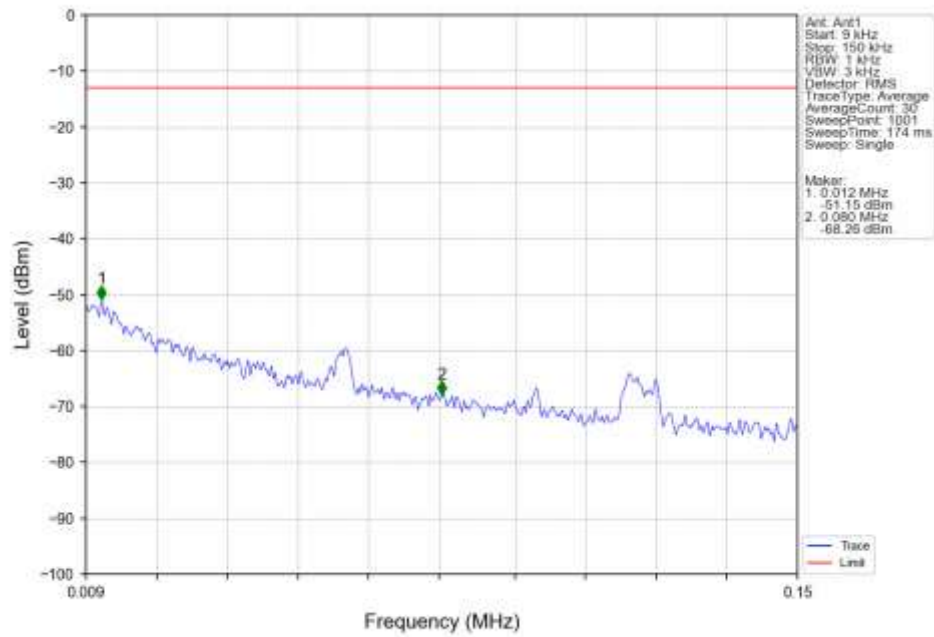
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.03      | /      | 1          | 1780.012   | -34.40      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -29.97      | -13         | Pass   |

Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV

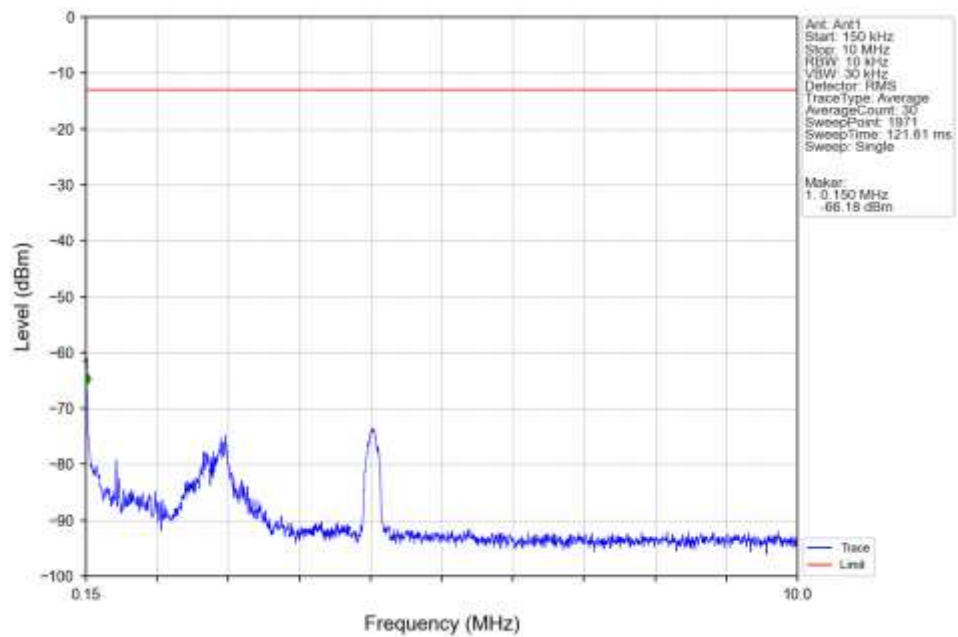


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1707.921   | -32.93      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.989   | -44.52      | -13         | Pass   |
| 1710        | 1713       | 0.003     | /      | /          | /          | /           | /           | /      |

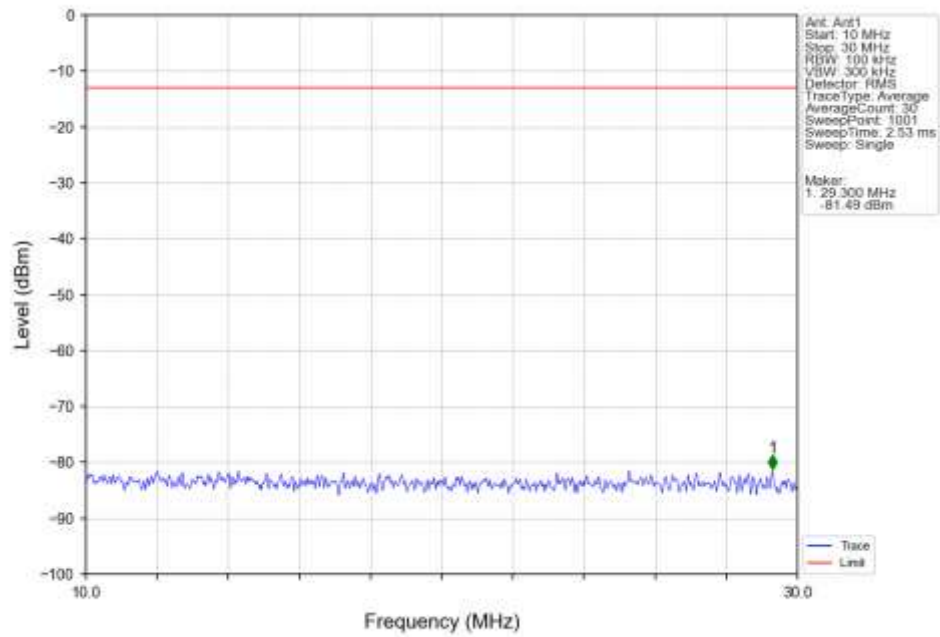
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



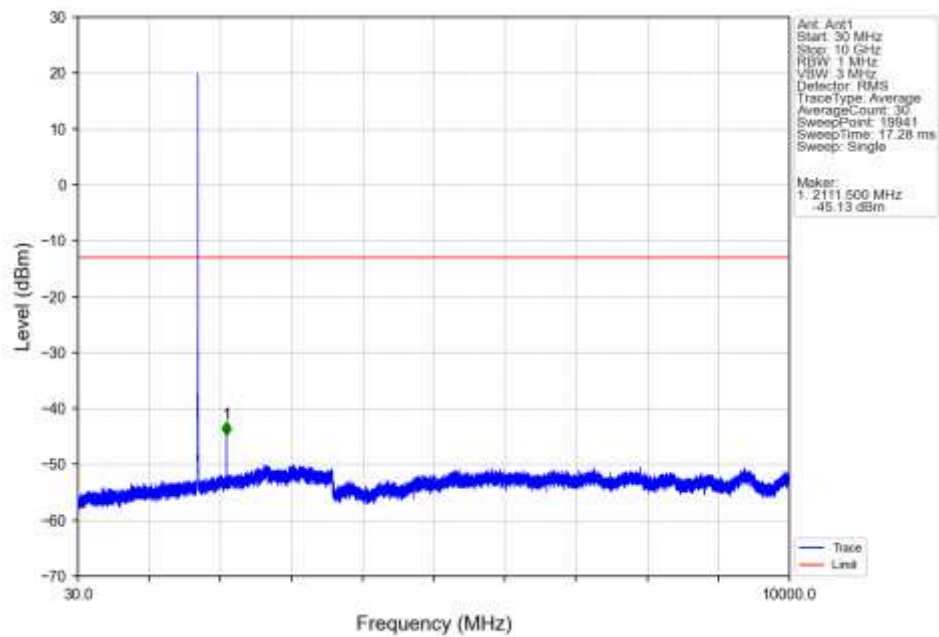
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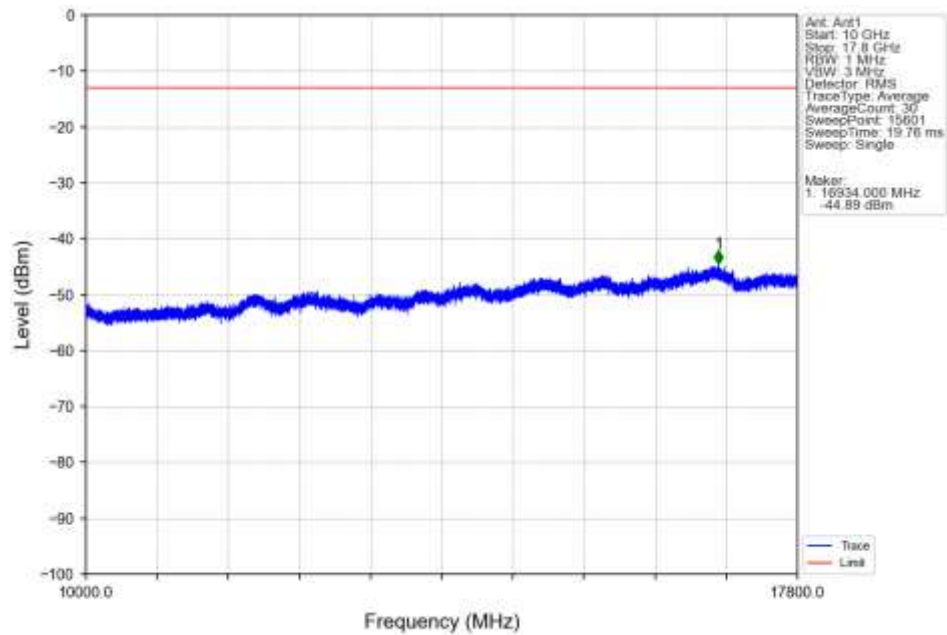
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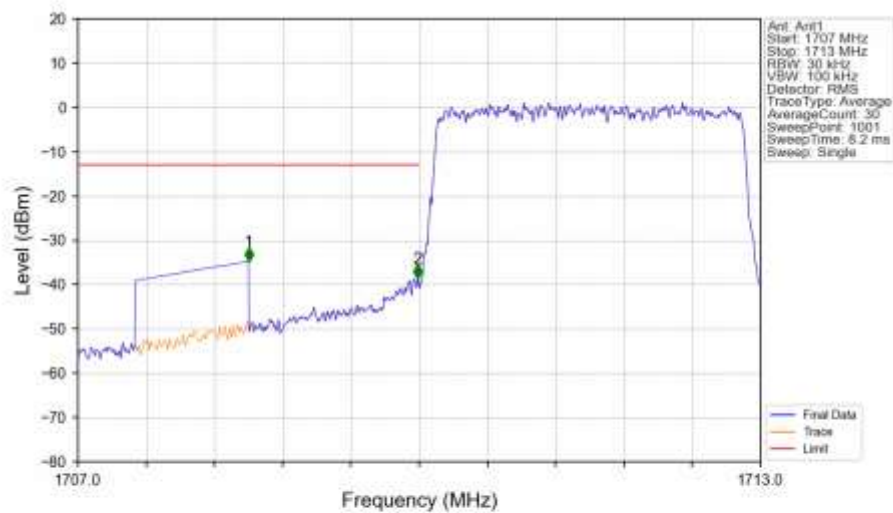
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV

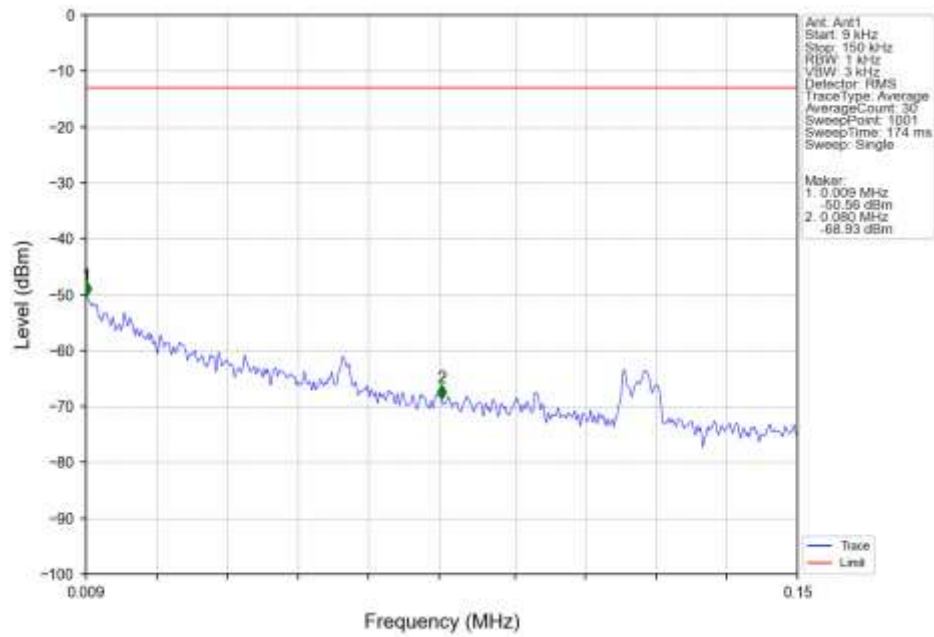


Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV

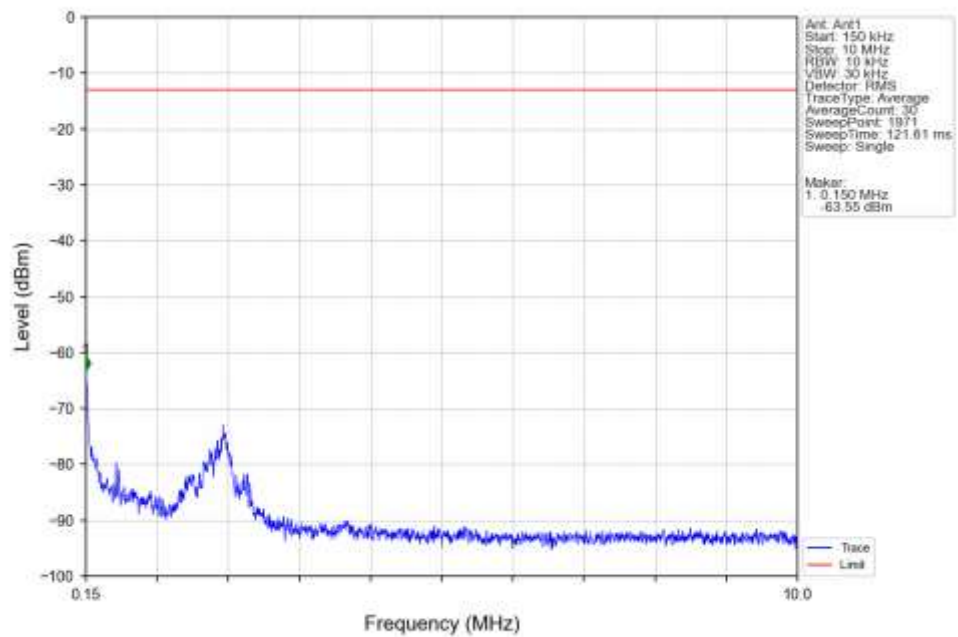


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -34.74      | -13         | Pass   |
| 1709        | 1710       | 0.03      | /      | 2          | 1709.988   | -38.58      | -13         | Pass   |
| 1710        | 1713       | 0.03      | /      | /          | /          | /           | /           | /      |

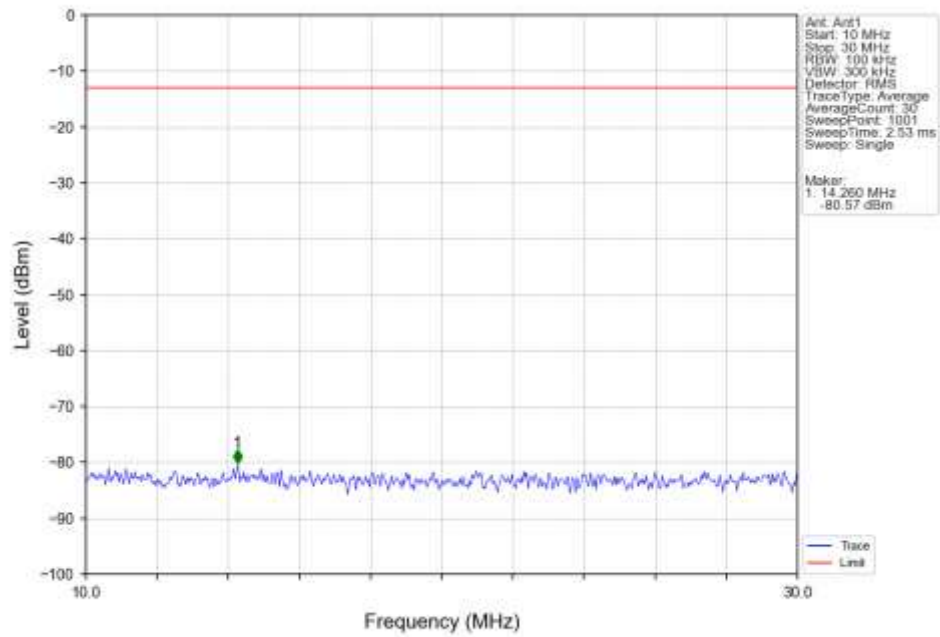
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



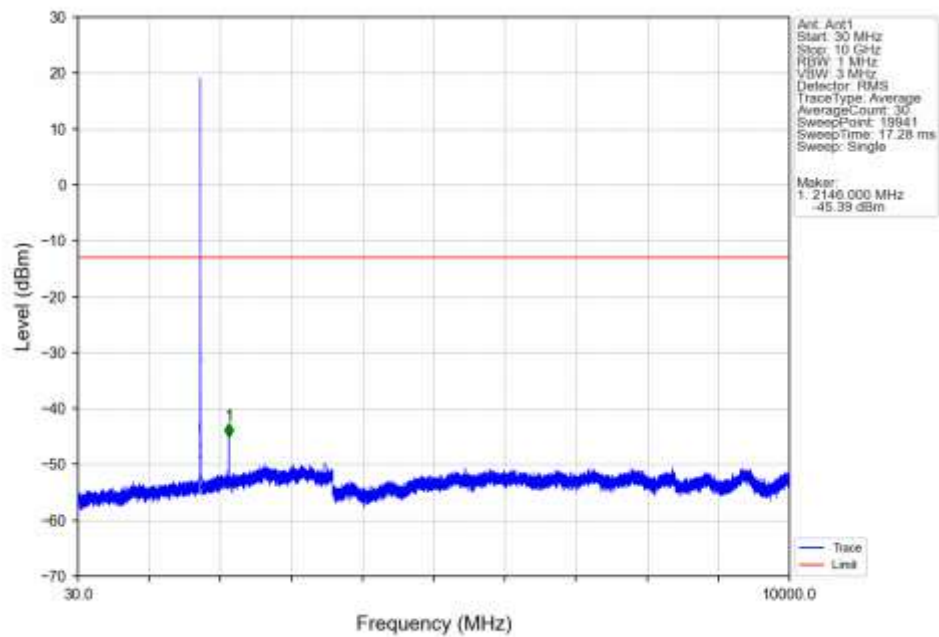
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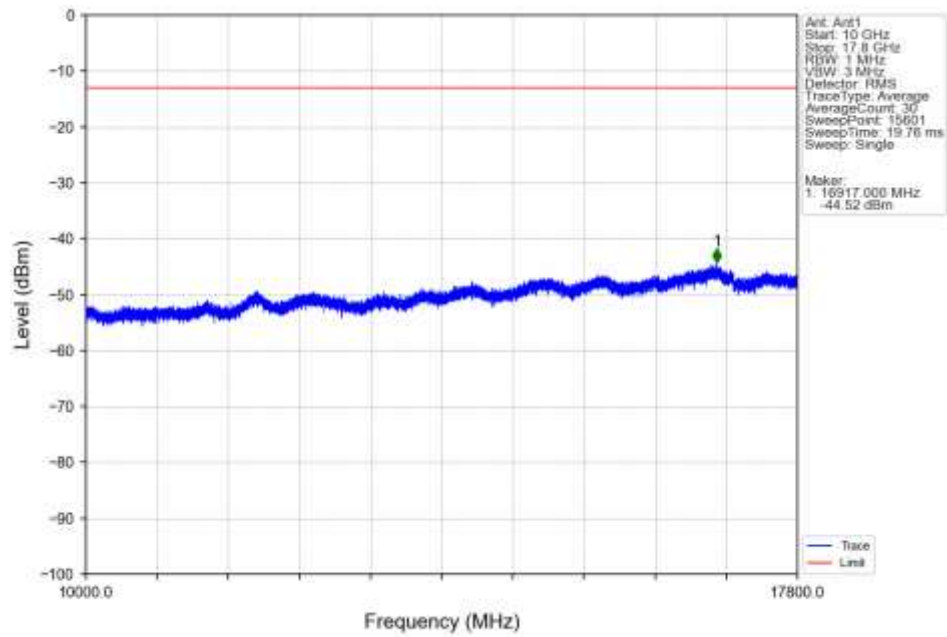
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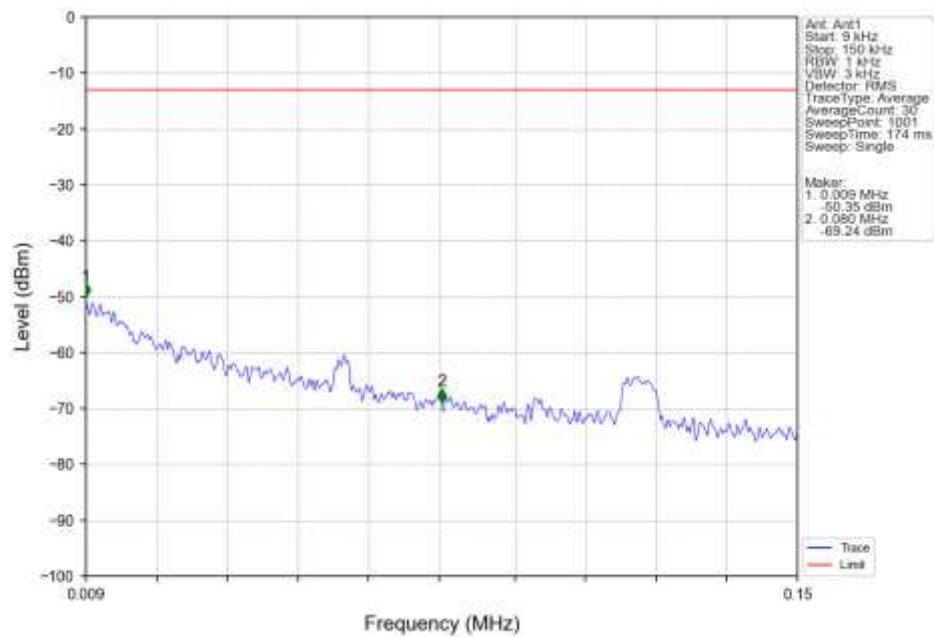
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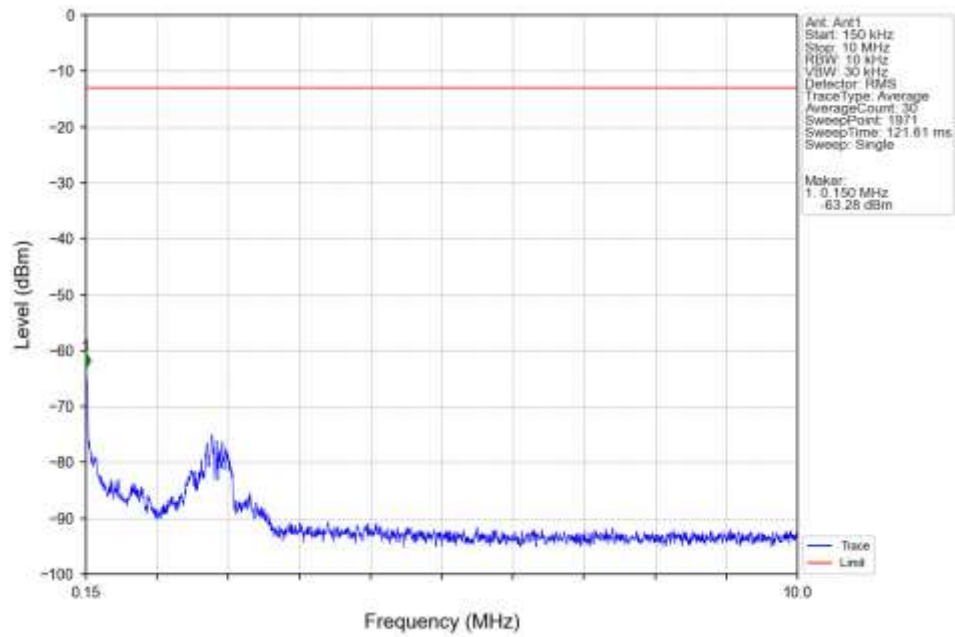
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTV



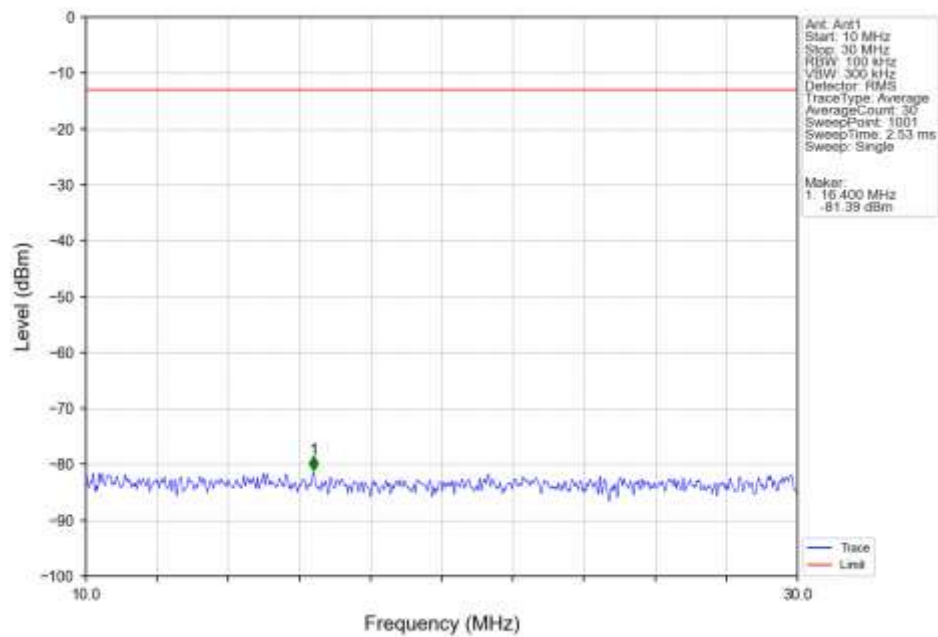
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



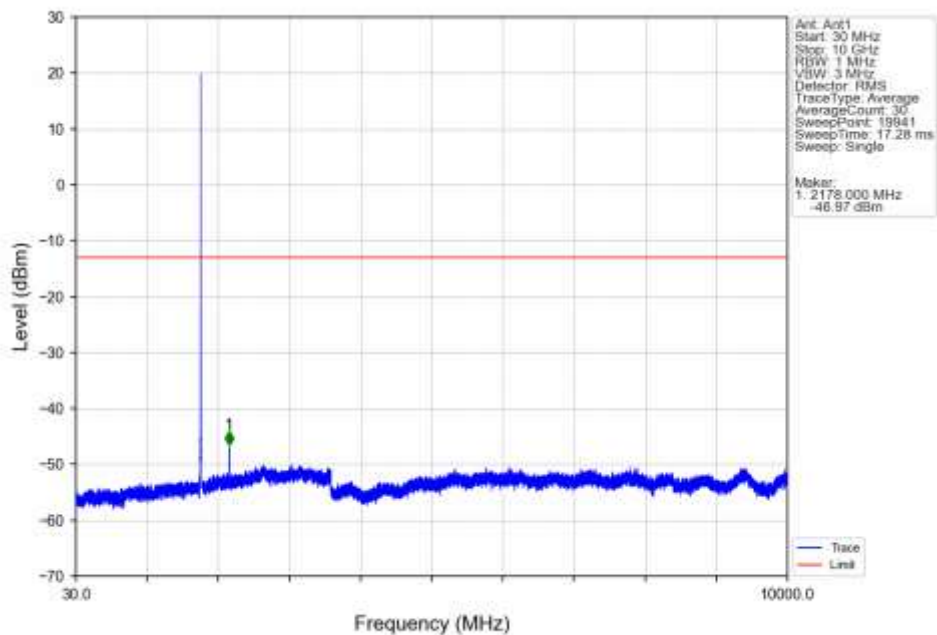
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTNV



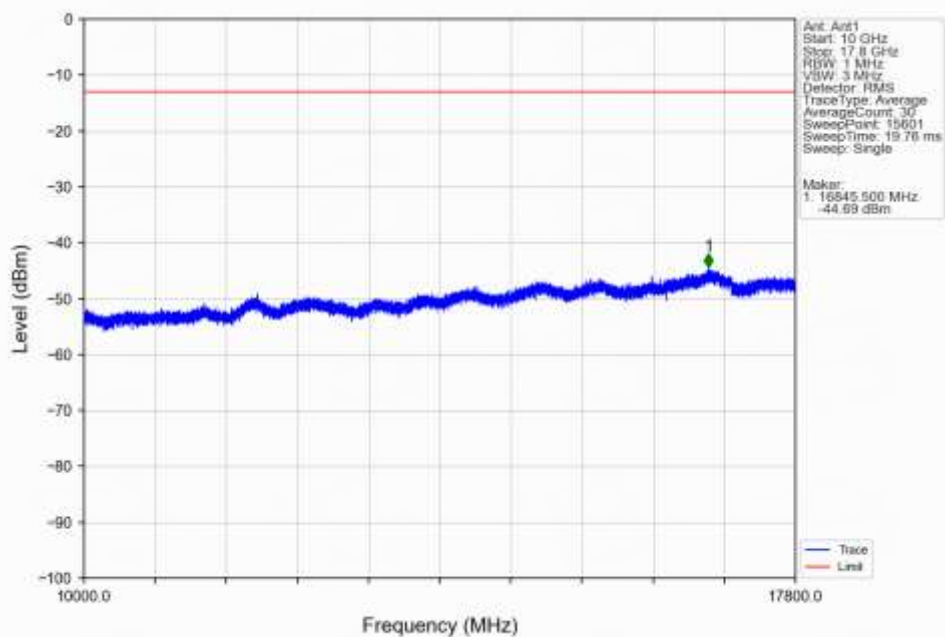
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTNV



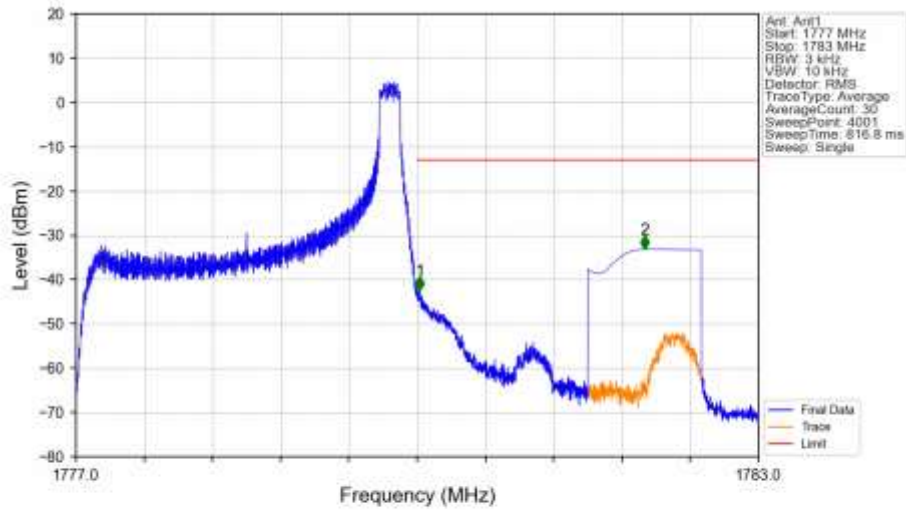
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



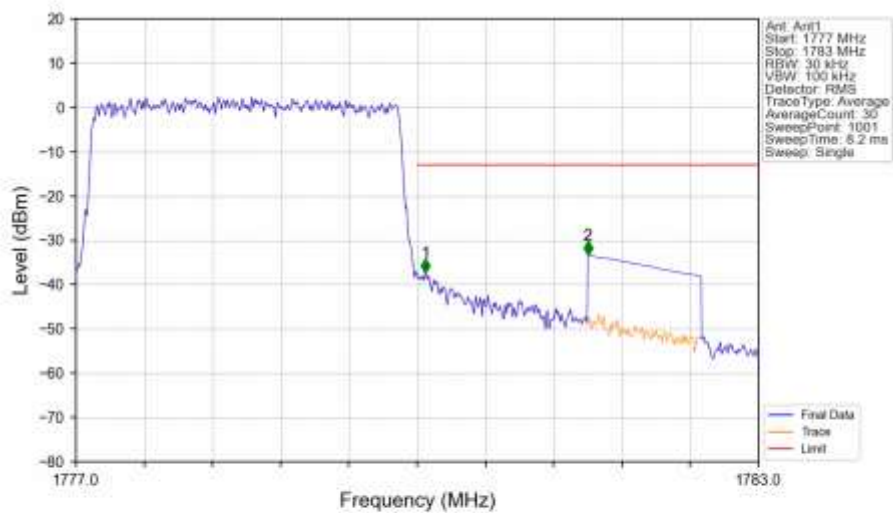
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz 16QAM HCH 1778.5MHz RB 1 14 NTNV

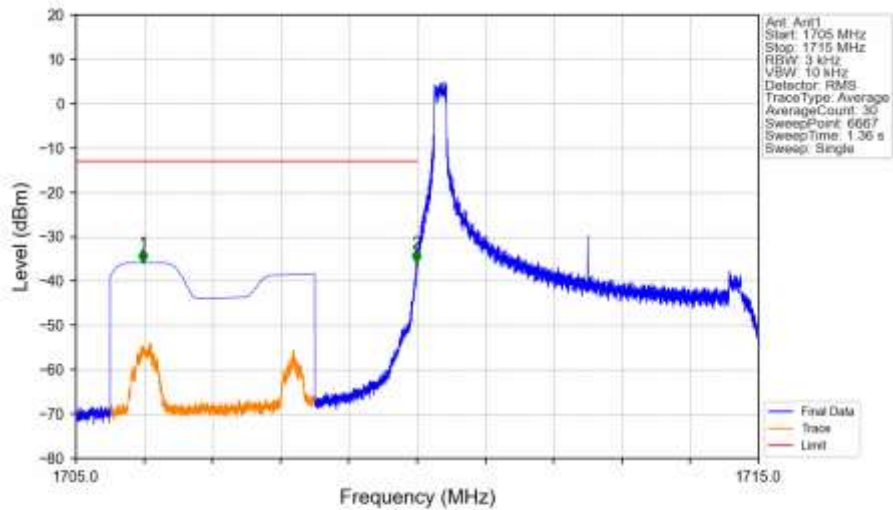


Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV

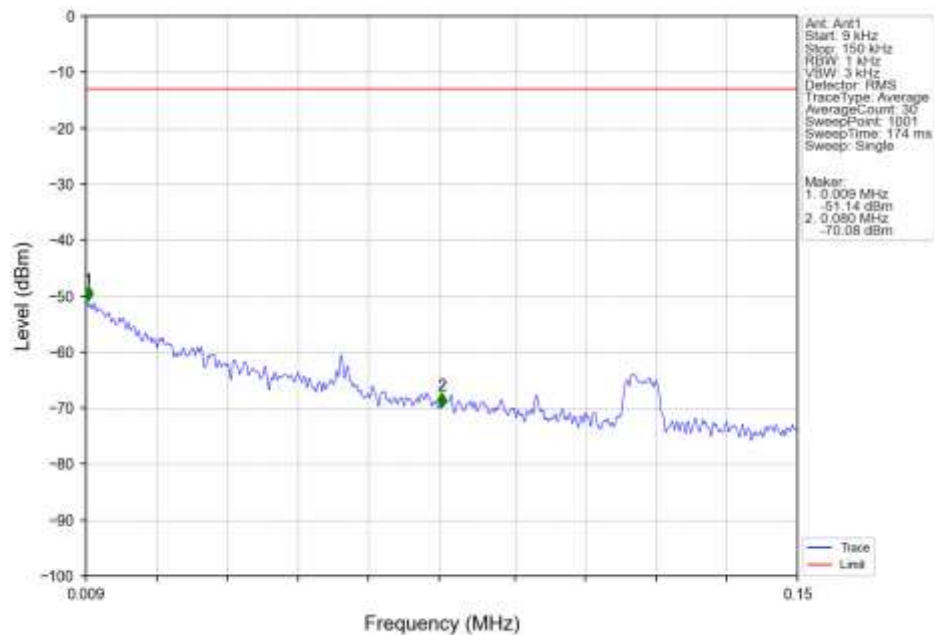


### 6.2.3 B66\_5MHz

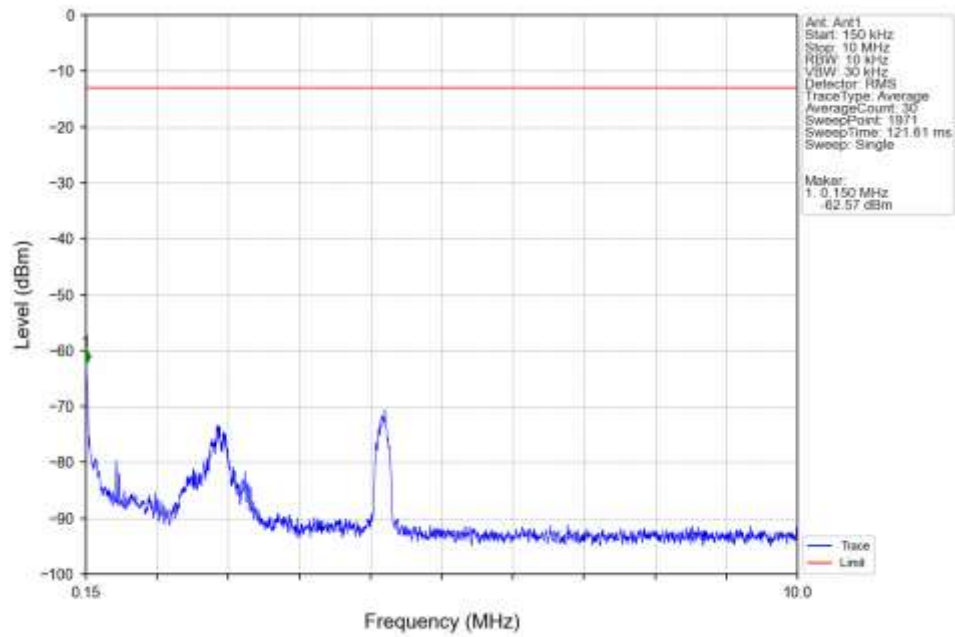
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



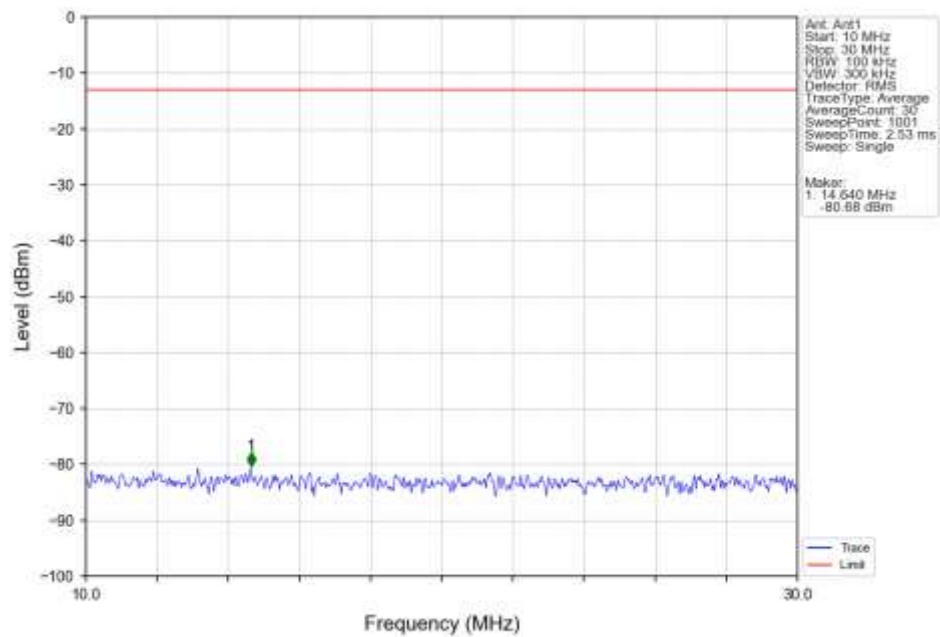
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



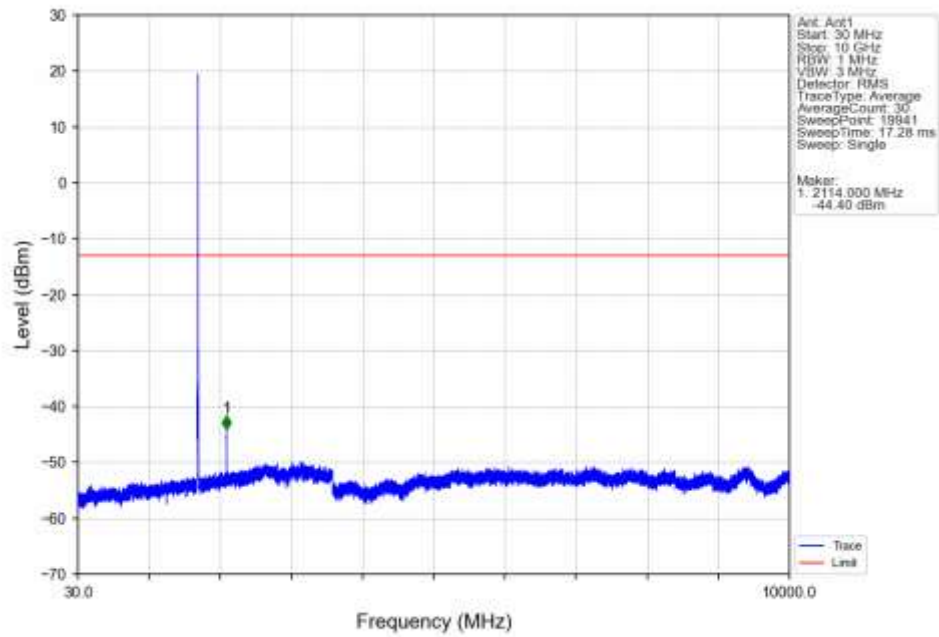
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



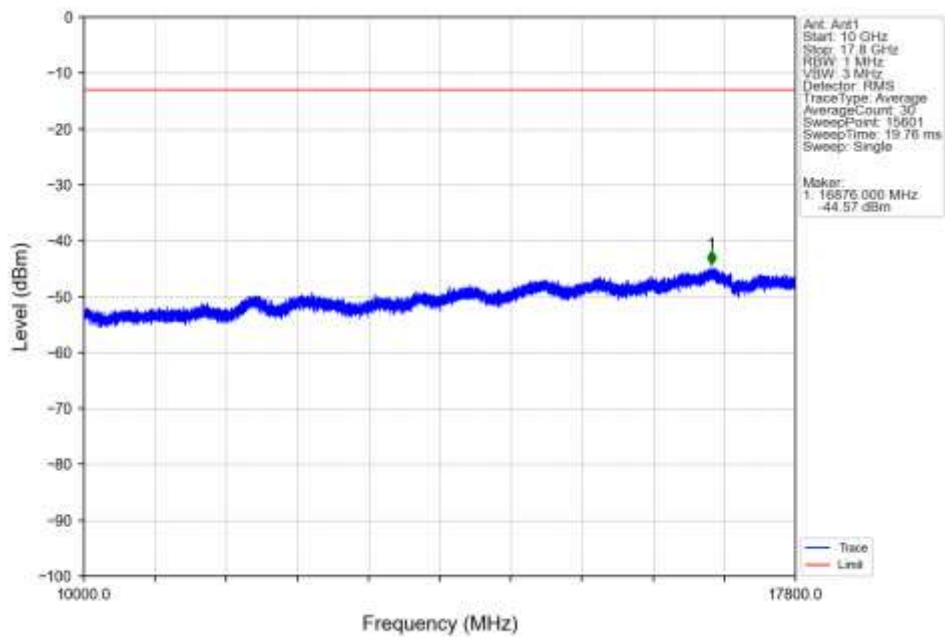
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



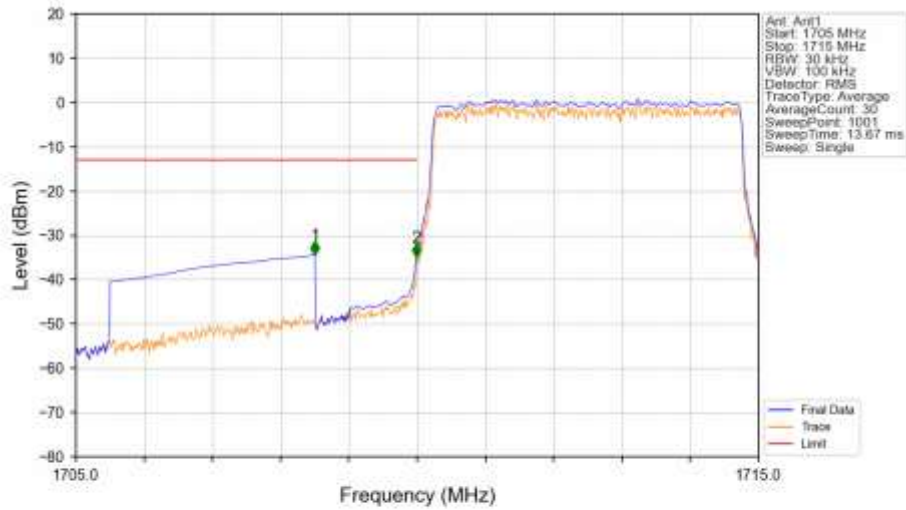
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



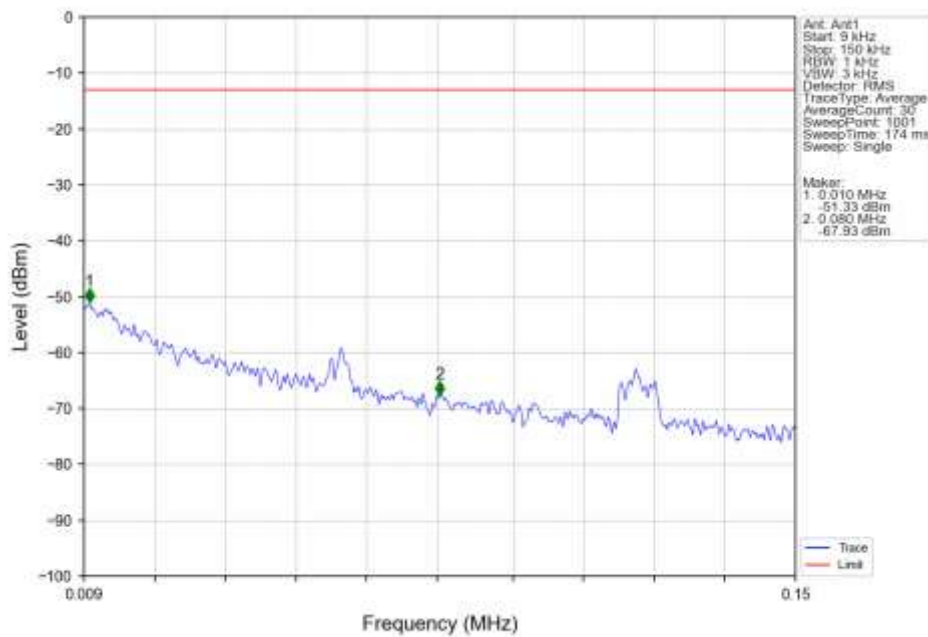
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



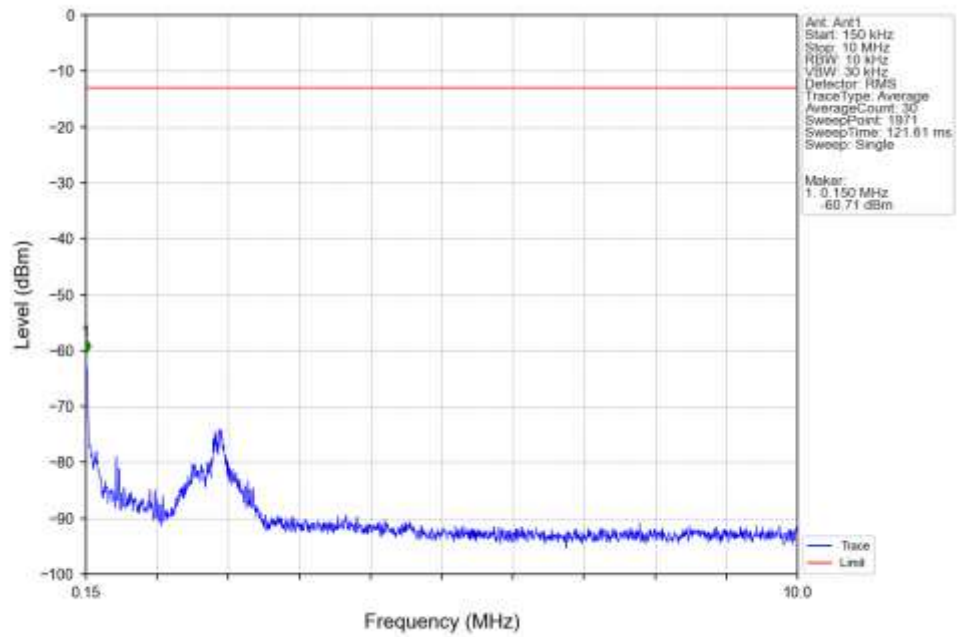
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



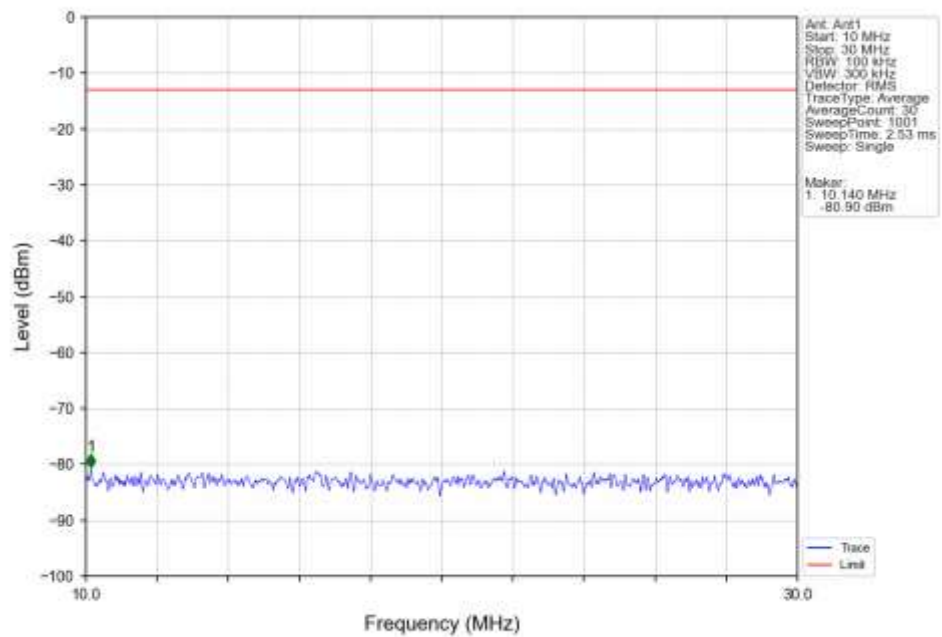
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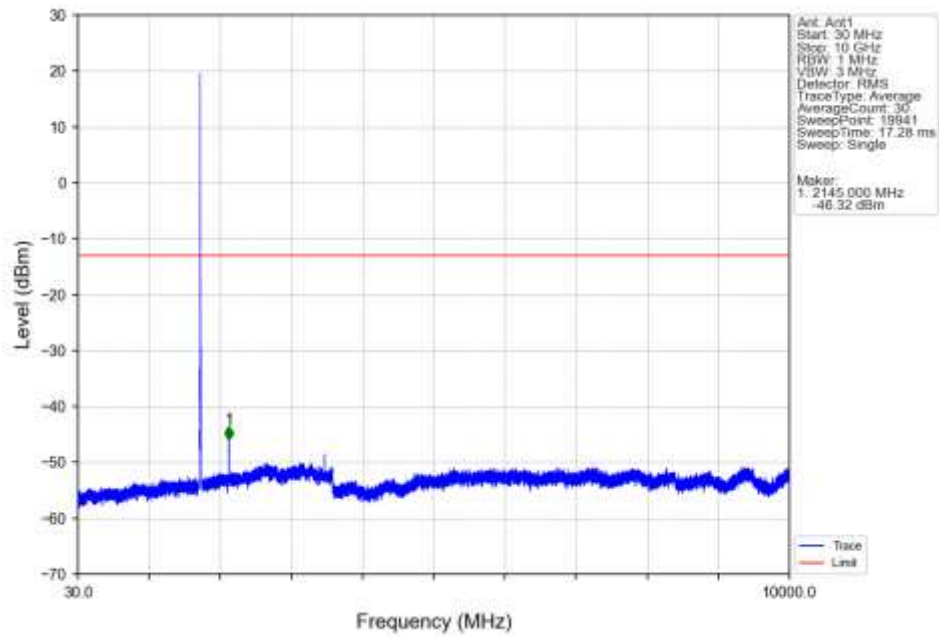
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



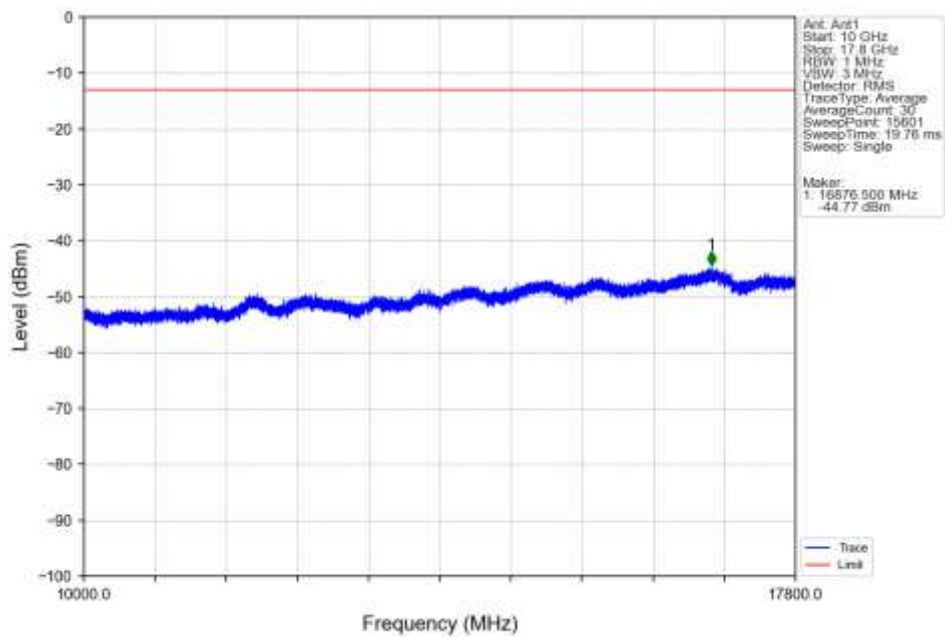
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



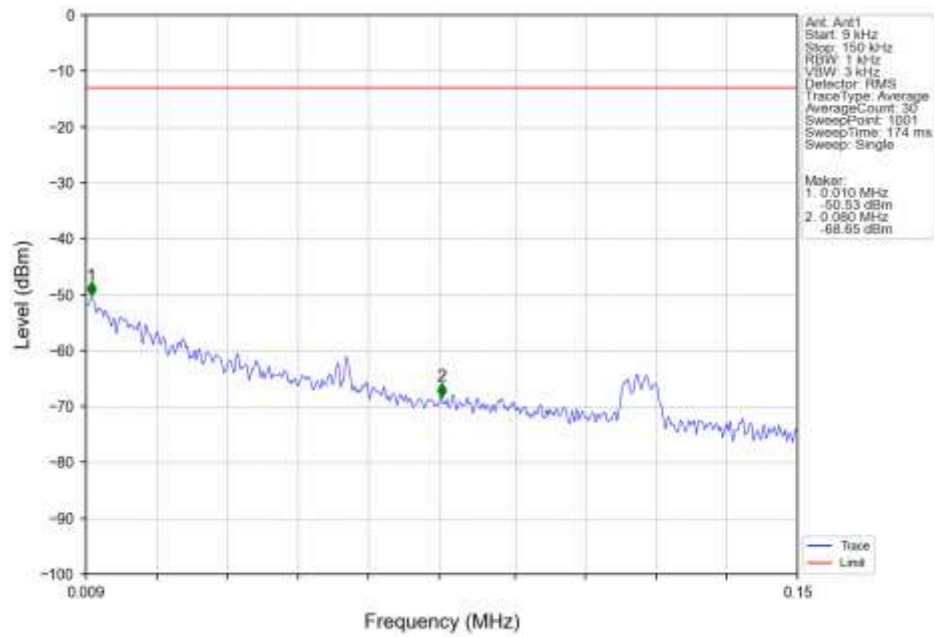
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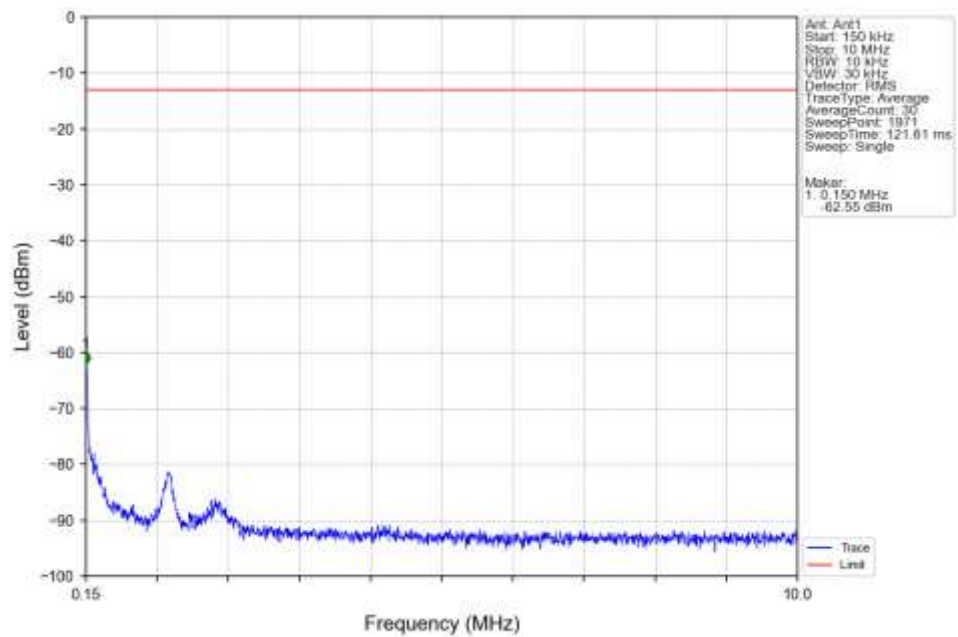
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



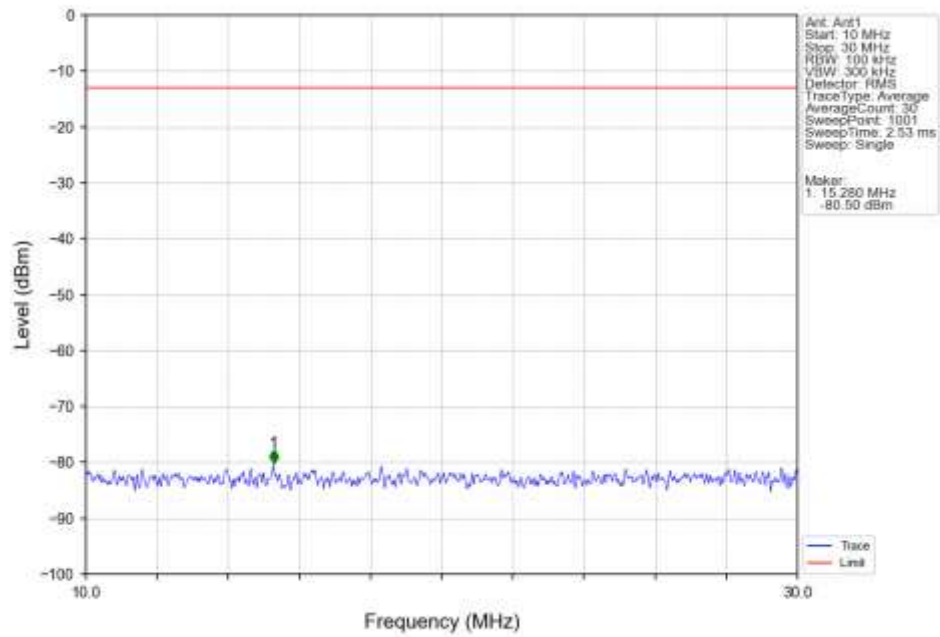
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTNV



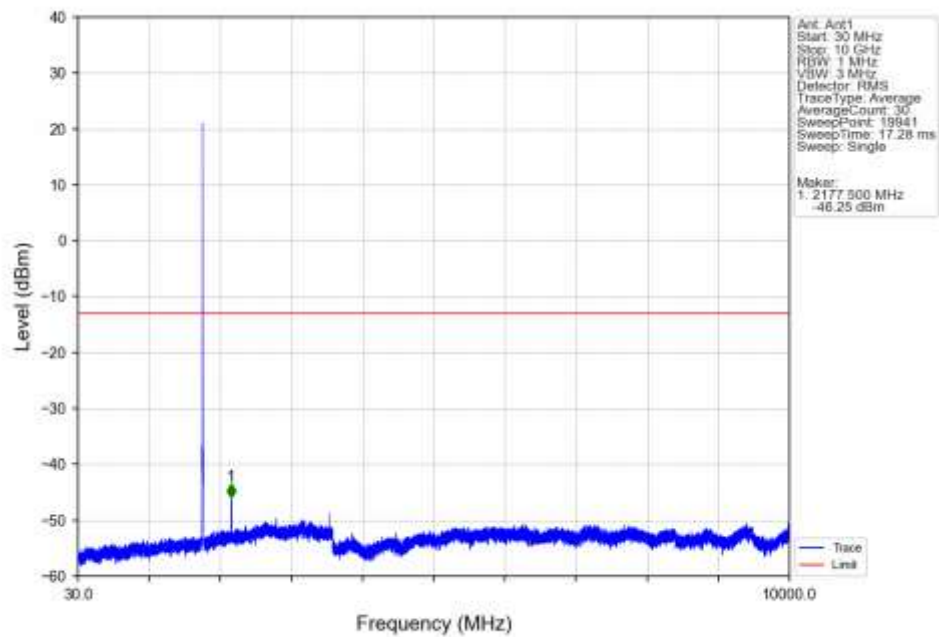
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTNV



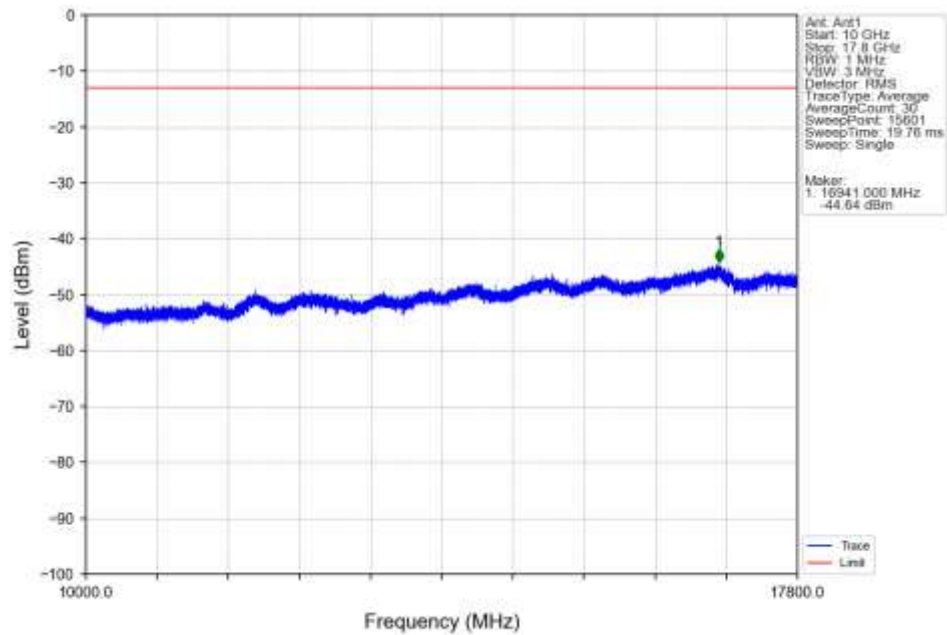
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



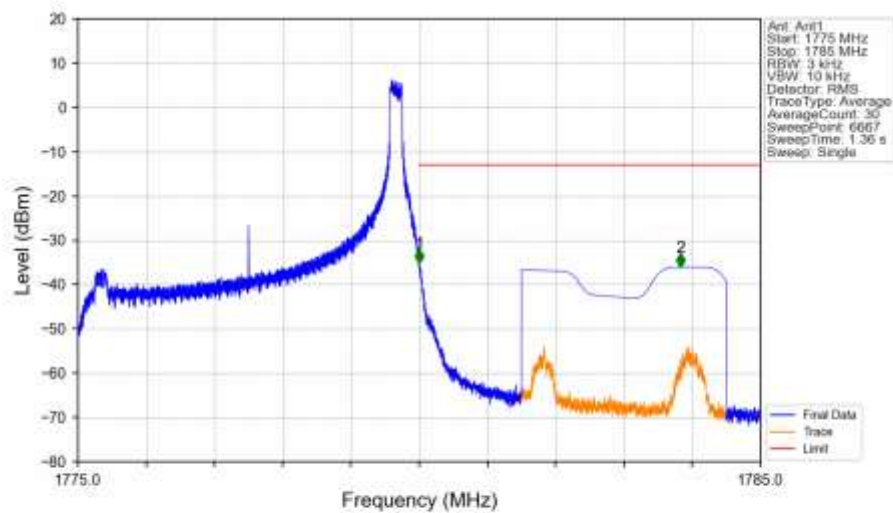
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTNV

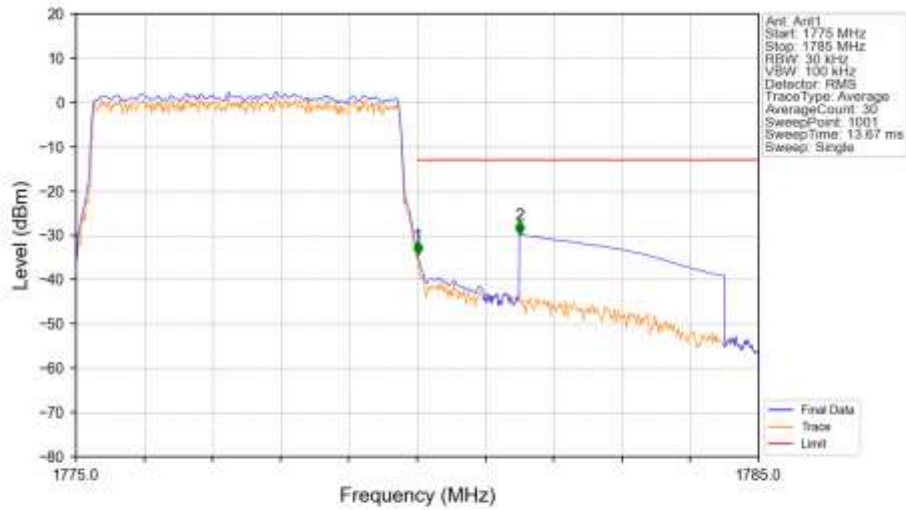


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



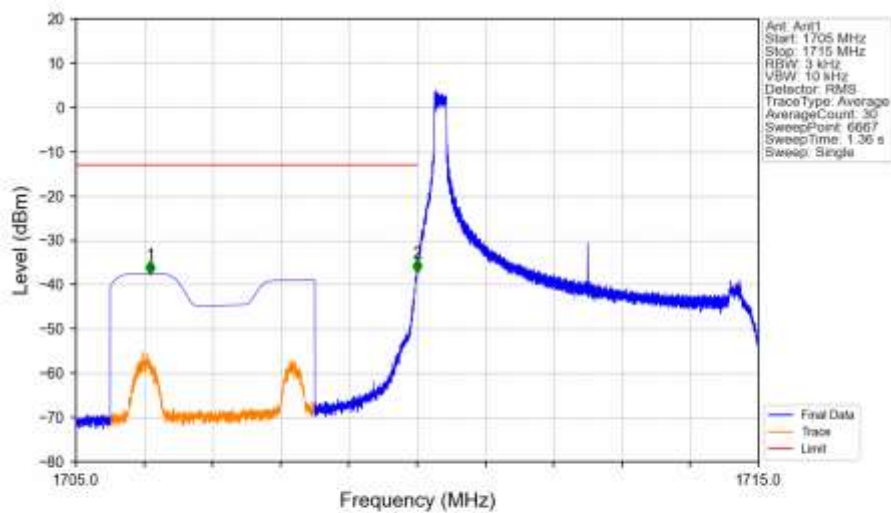
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.002   | -35.08      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1783.828   | -36.06      | -13         | Pass   |

## Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



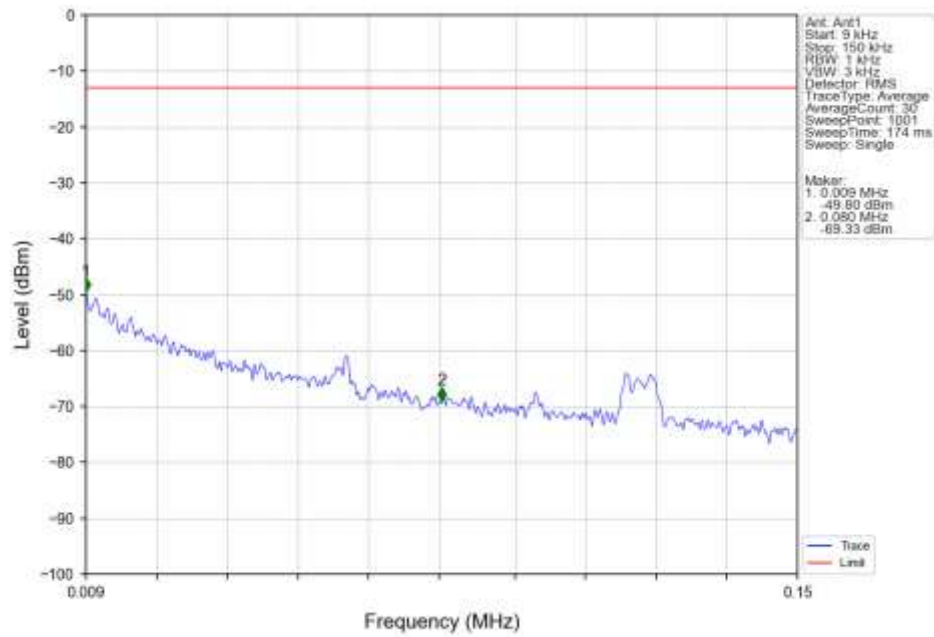
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.051     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.051     | CHP    | 1          | 1780.010   | -34.38      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1781.500   | -29.88      | -13         | Pass   |

## Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

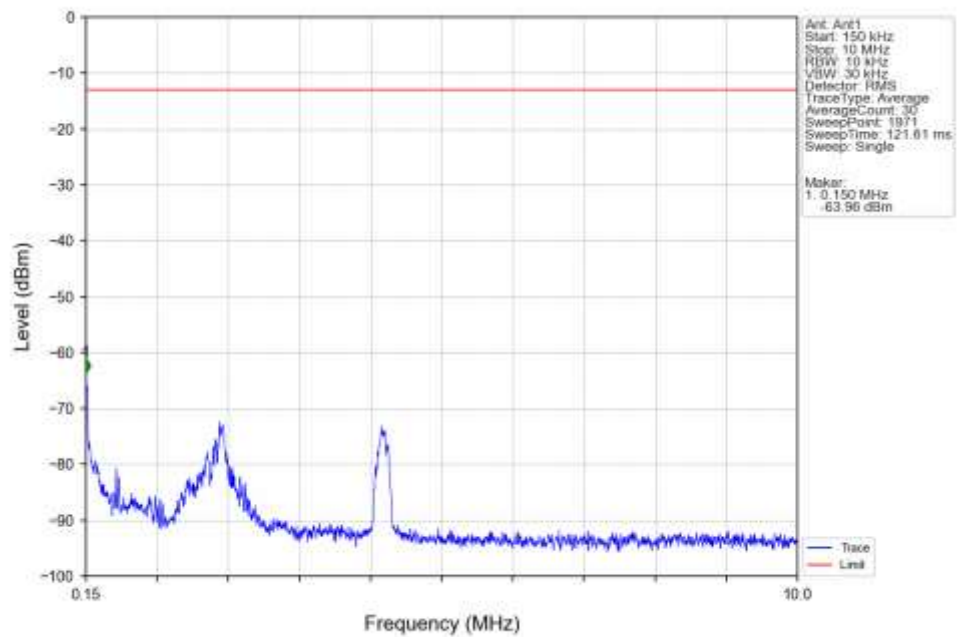


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1706.089   | -37.62      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.998   | -37.30      | -13         | Pass   |
| 1710        | 1715       | 0.003     | /      | /          | /          | /           | /           | /      |

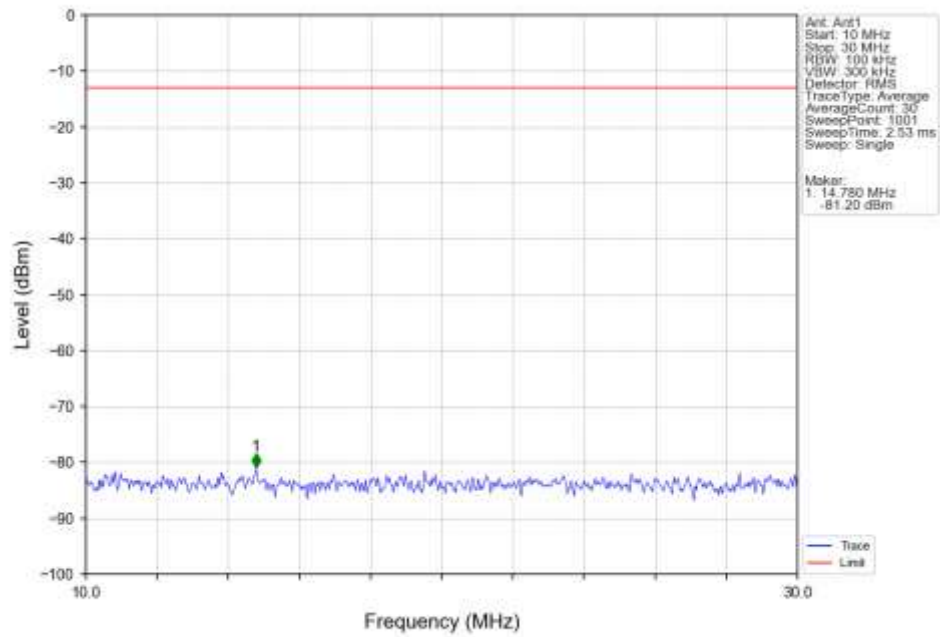
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



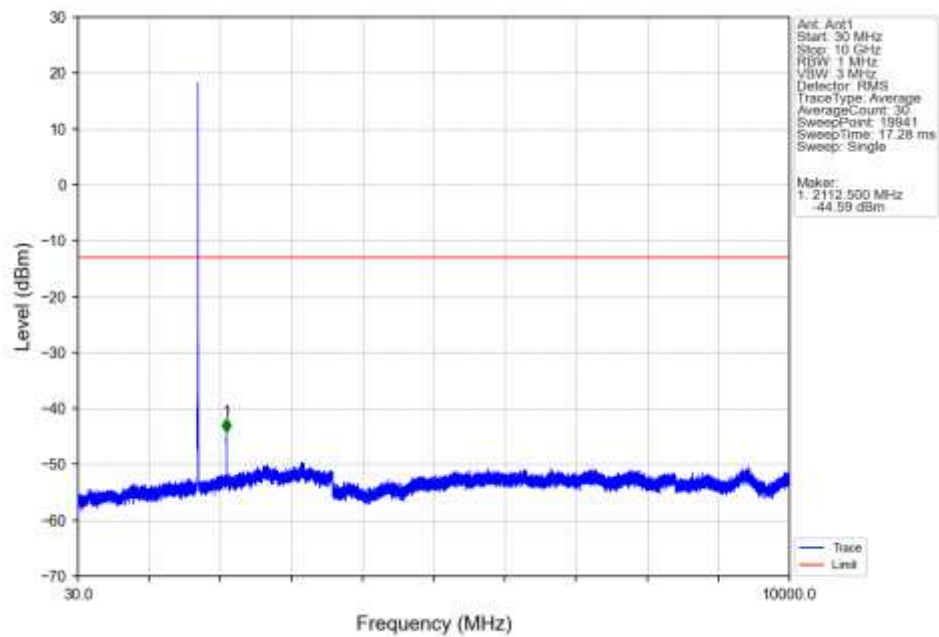
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



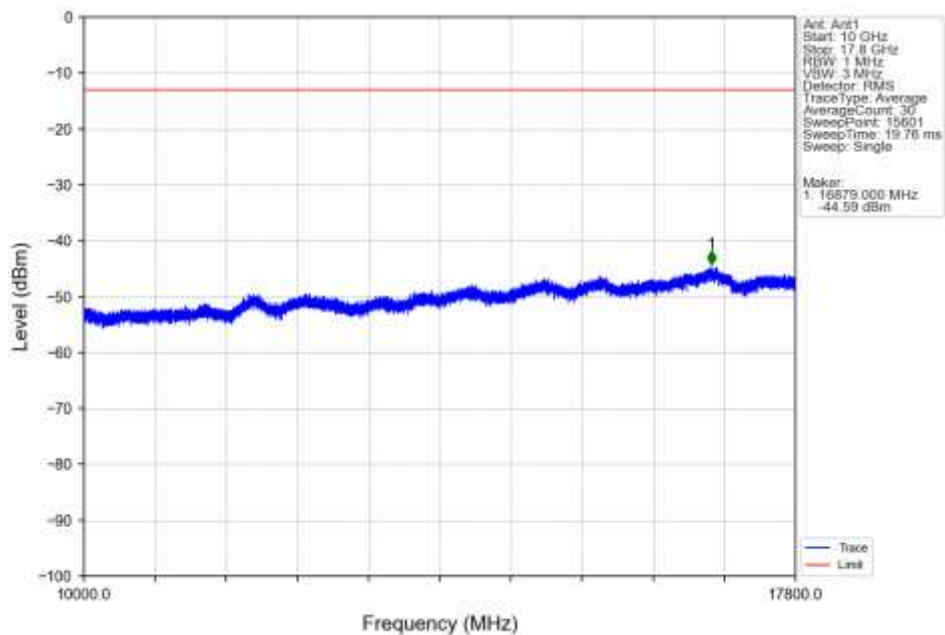
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



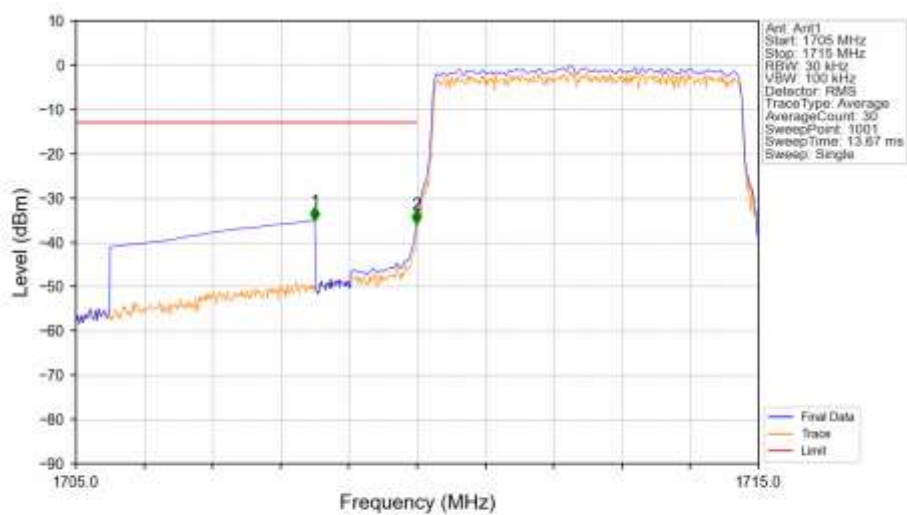
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

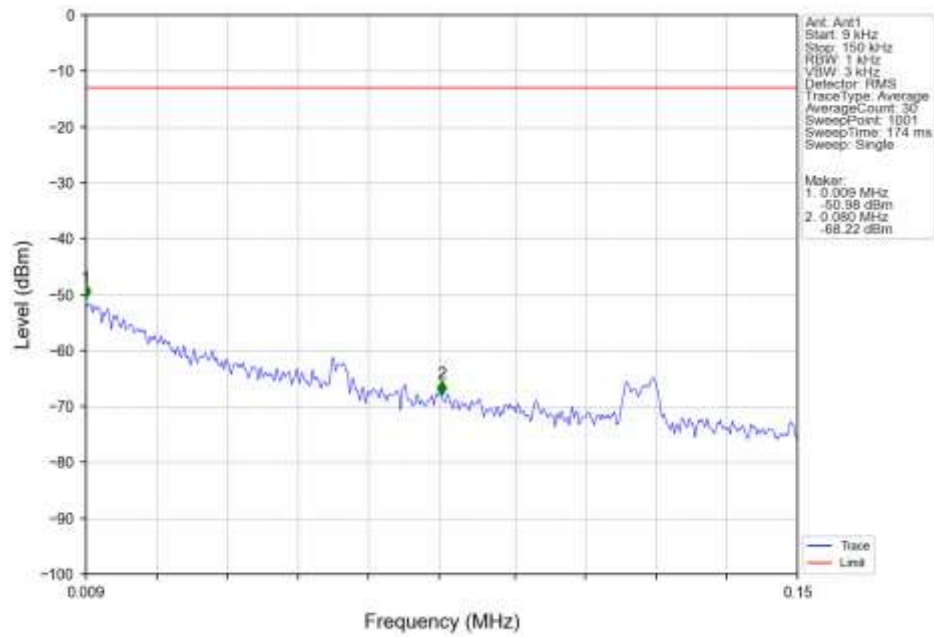


Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV

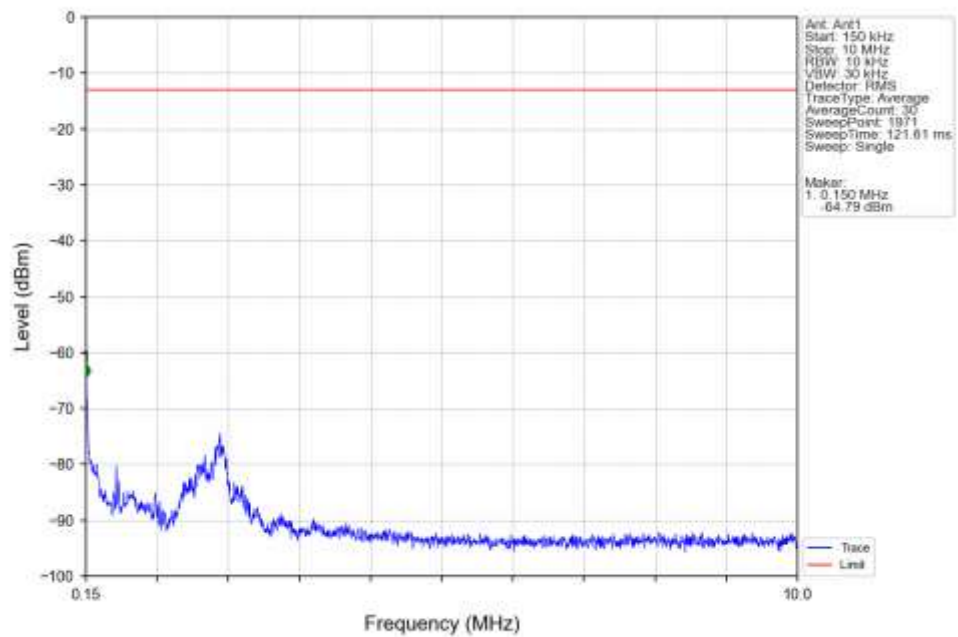


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -35.04      | -13         | Pass   |
| 1709        | 1710       | 0.051     | CHP    | 2          | 1709.990   | -35.89      | -13         | Pass   |
| 1710        | 1715       | 0.051     | CHP    | /          | /          | /           | /           | /      |

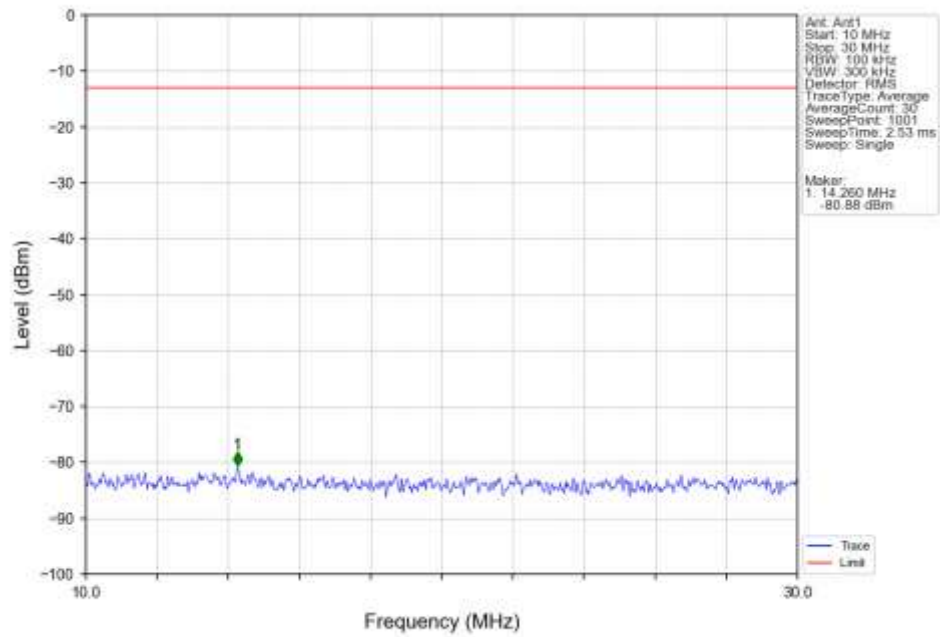
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



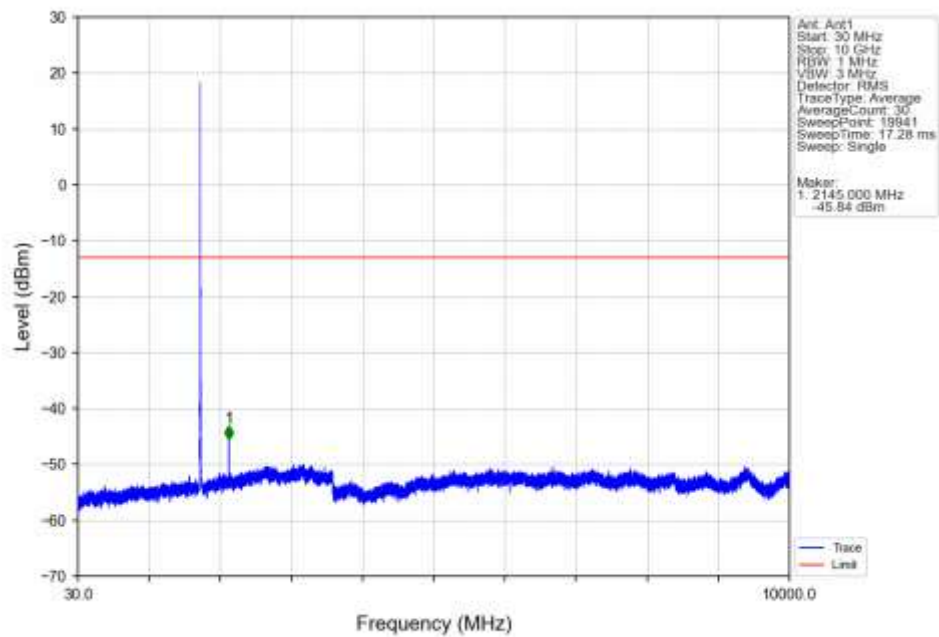
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



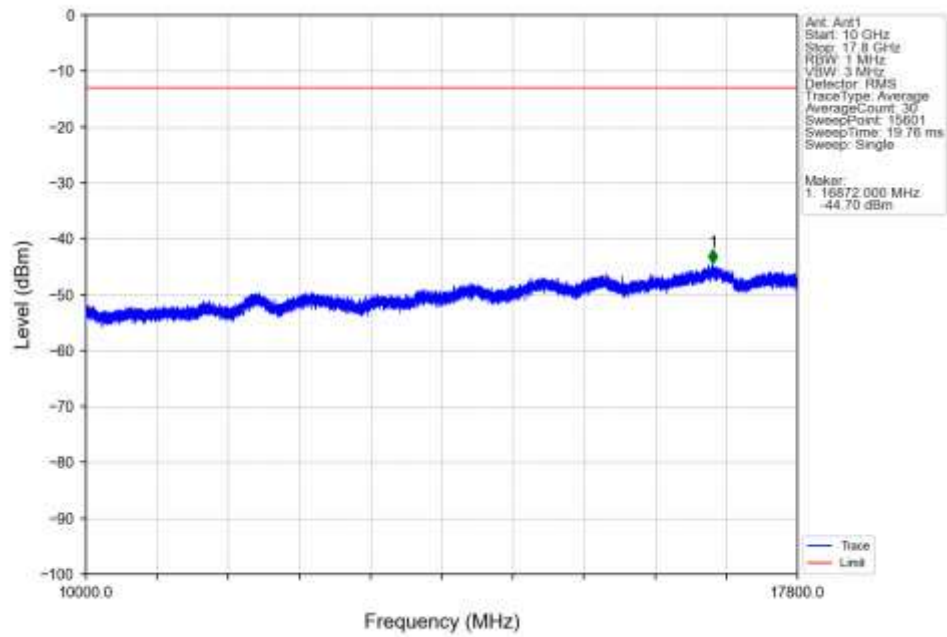
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



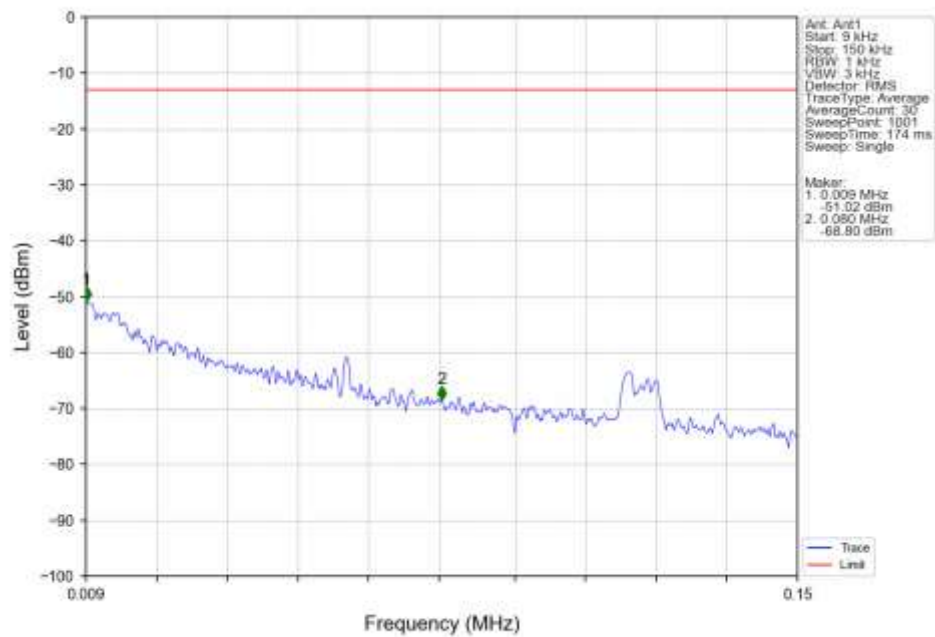
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



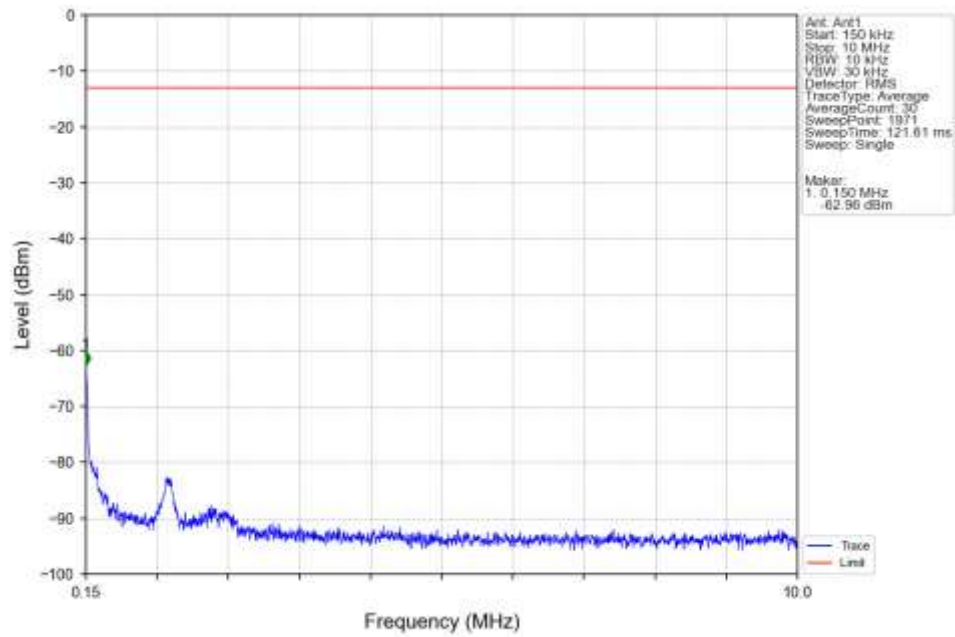
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTV



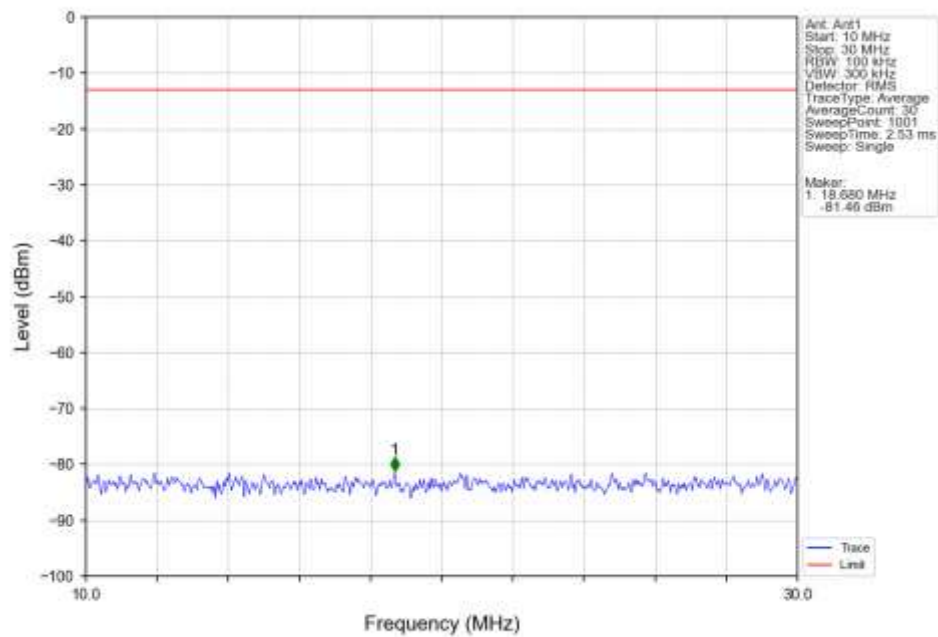
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTV



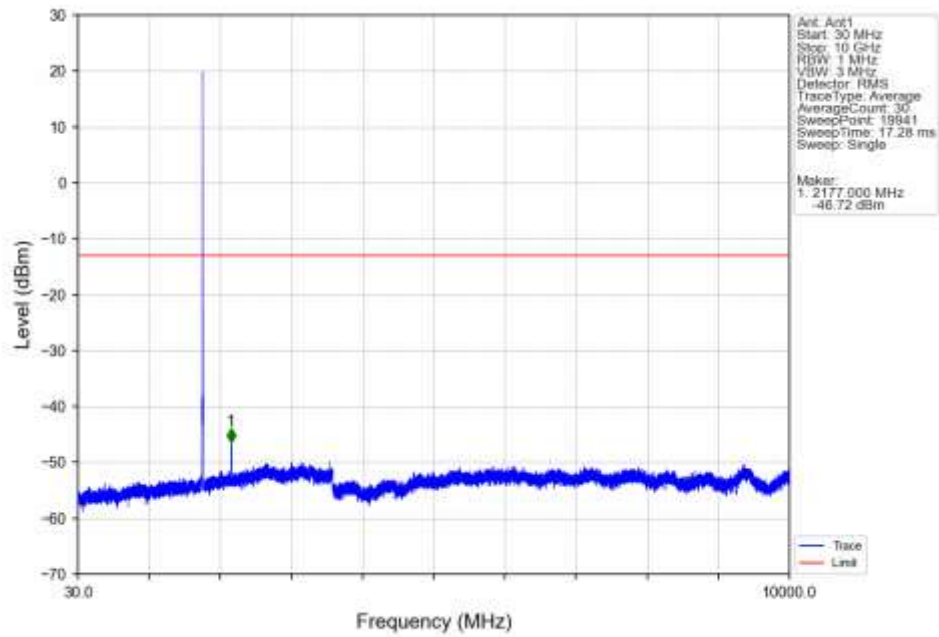
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



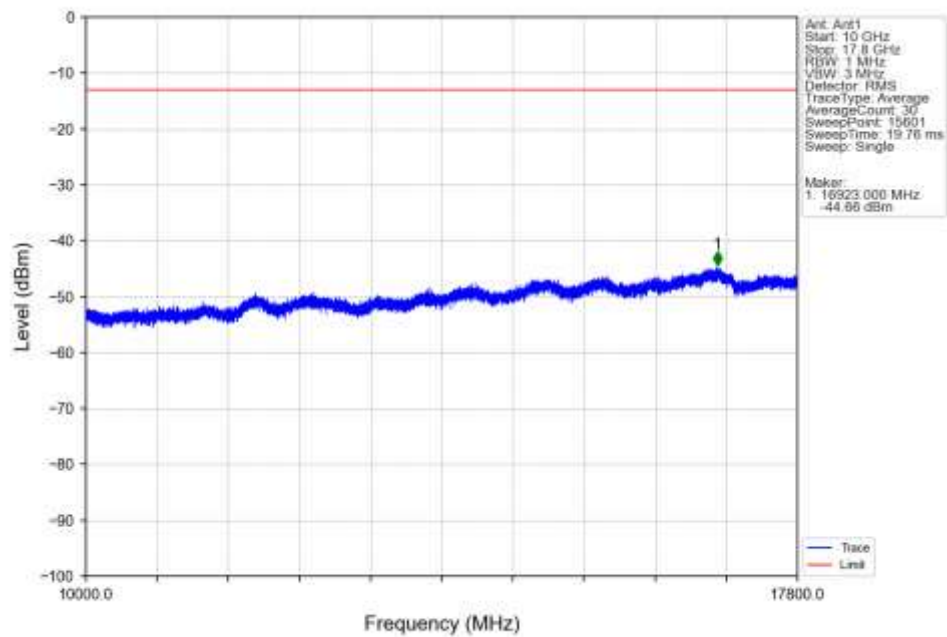
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



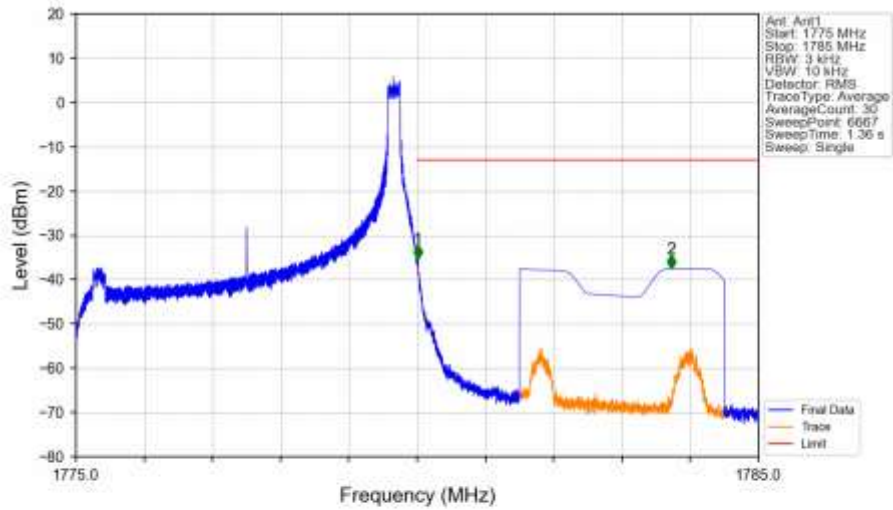
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



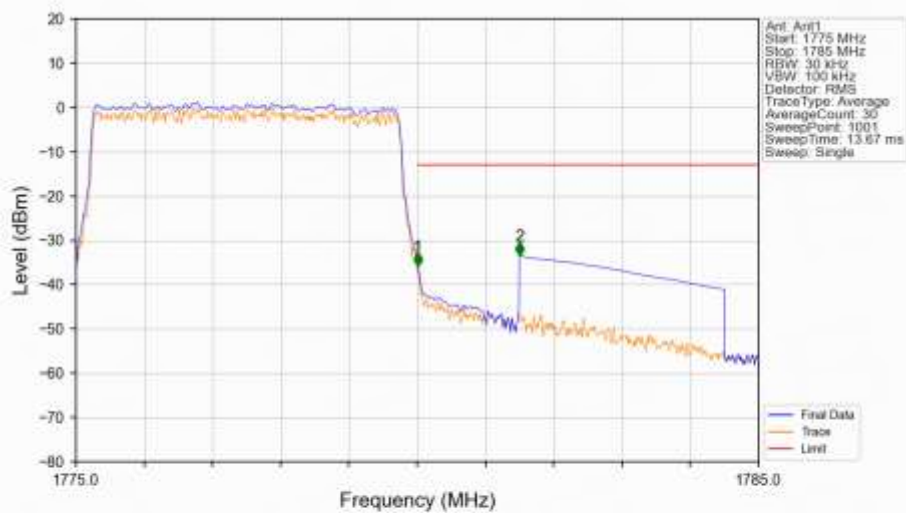
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



Band66 5MHz 16QAM HCH 1777.5MHz RB 1 24 NTNV

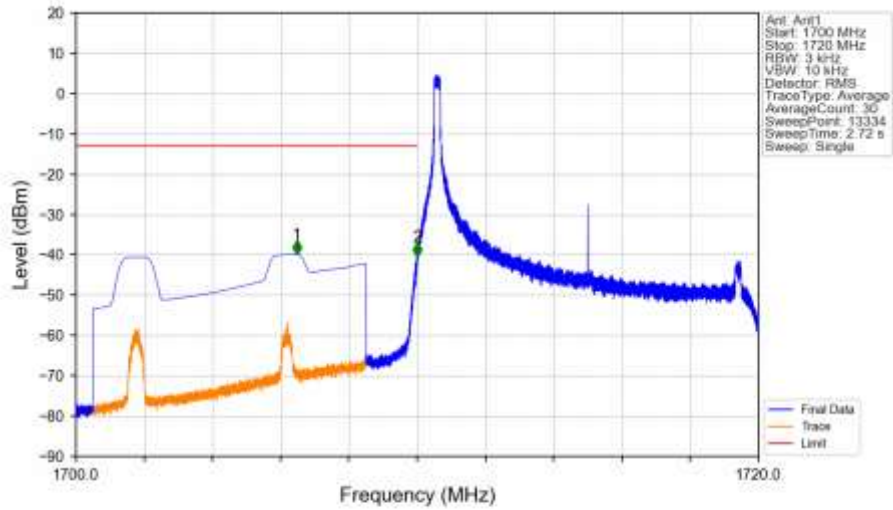


Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



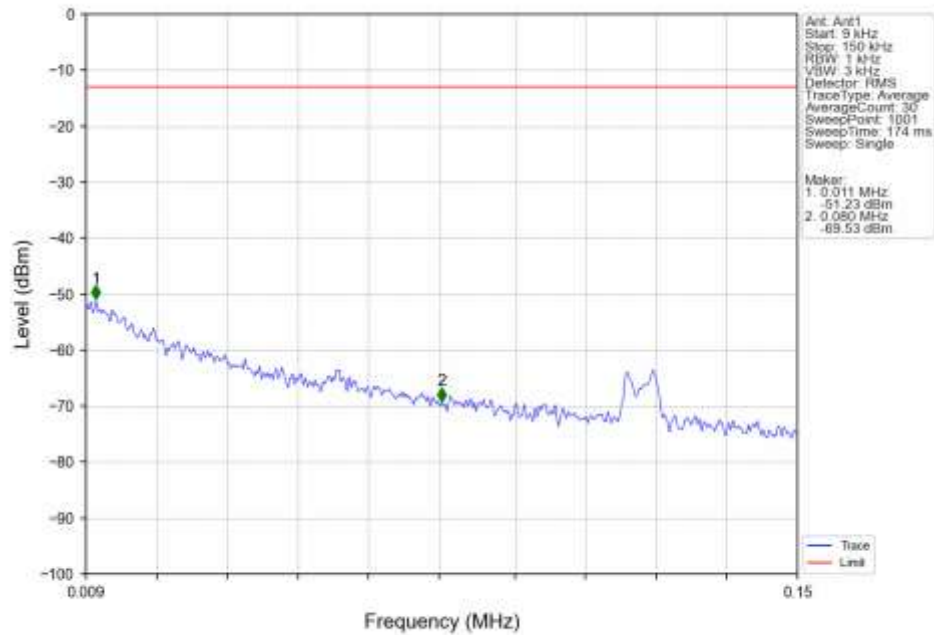
### 6.2.4 B66\_10MHz

Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

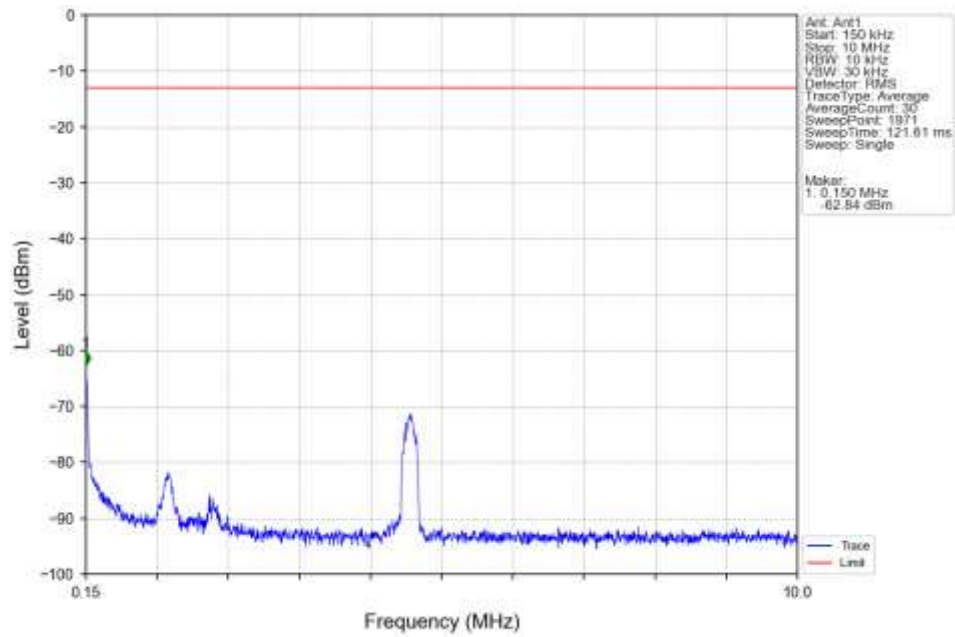


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1706.470   | -39.89      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.999   | -40.46      | -13         | Pass   |
| 1710        | 1720       | 0.003     | /      | /          | /          | /           | /           | /      |

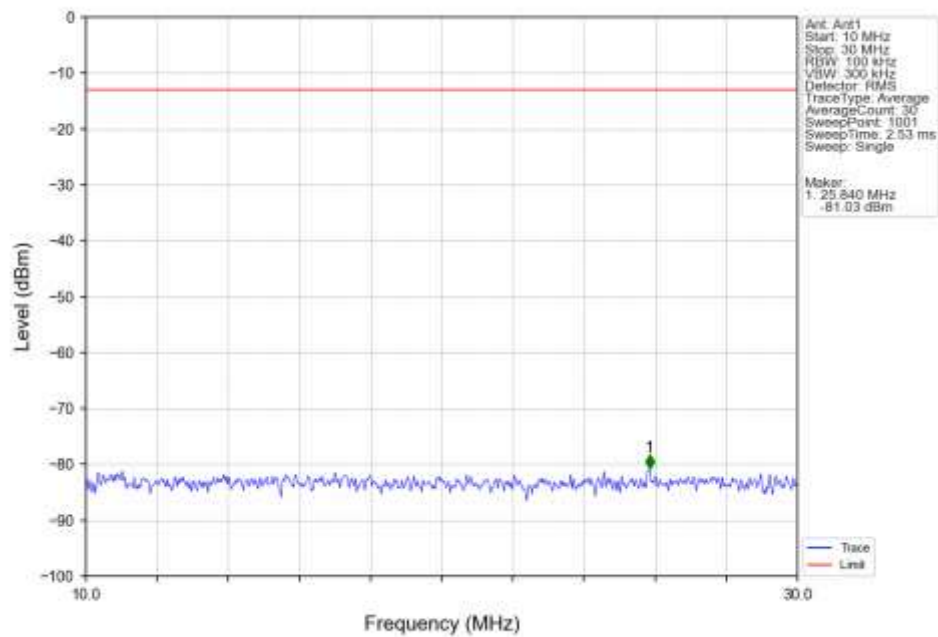
Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV



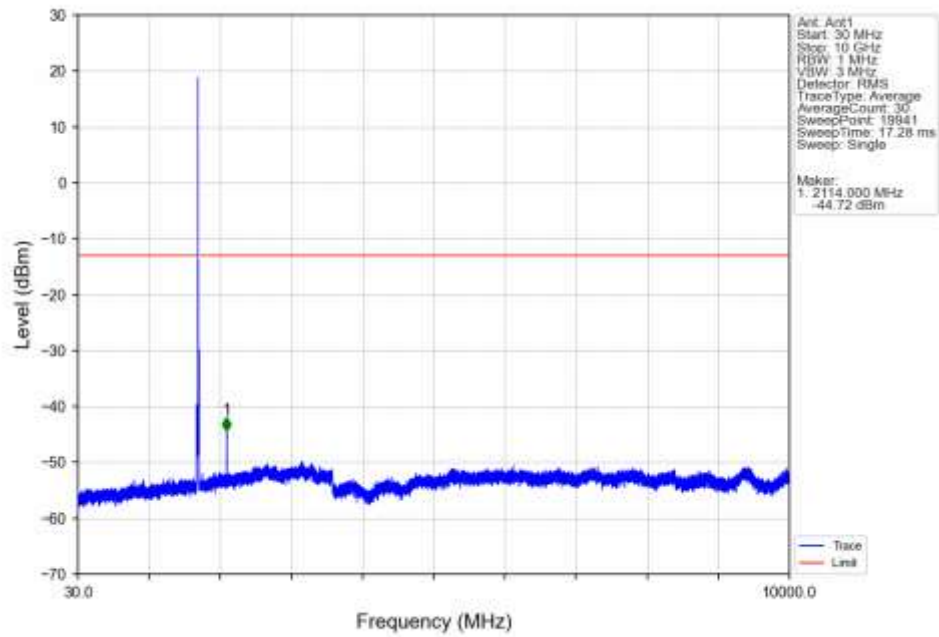
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



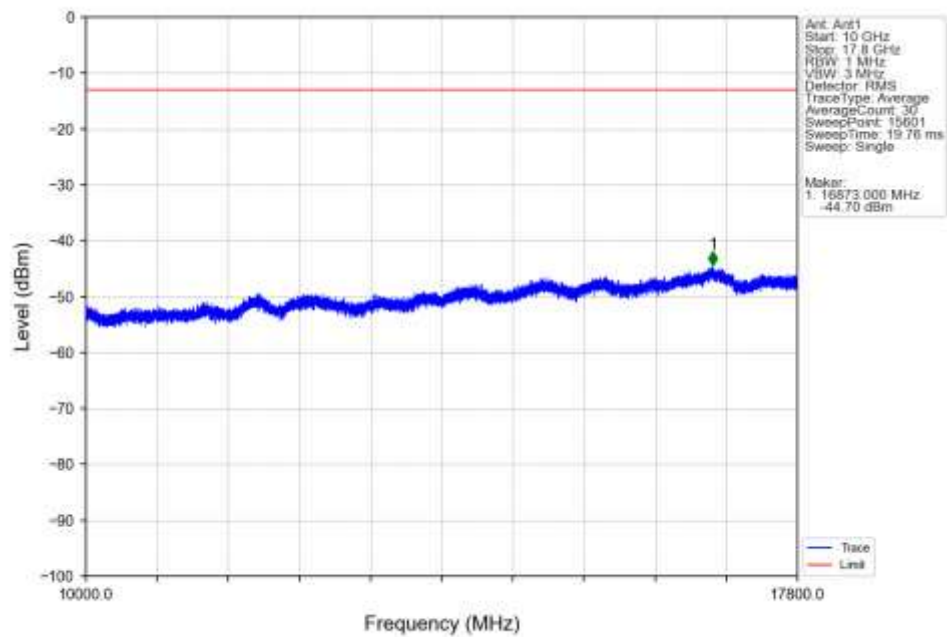
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



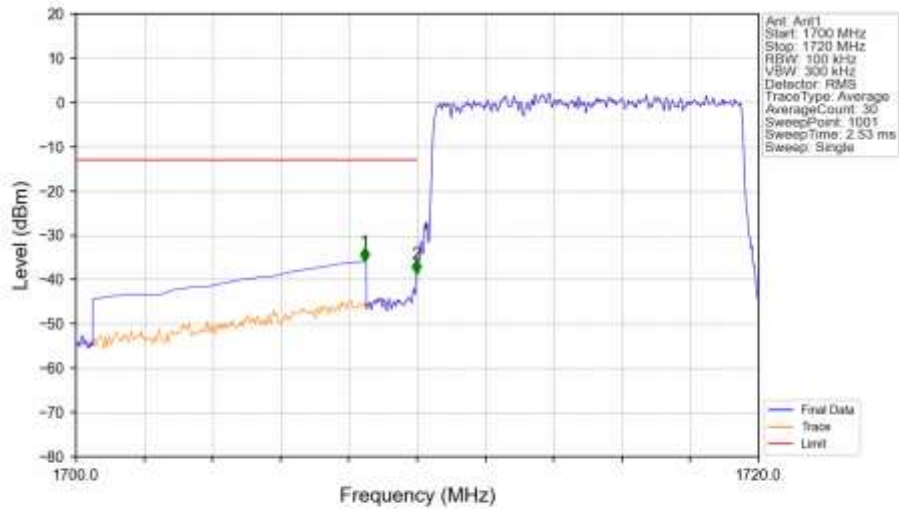
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



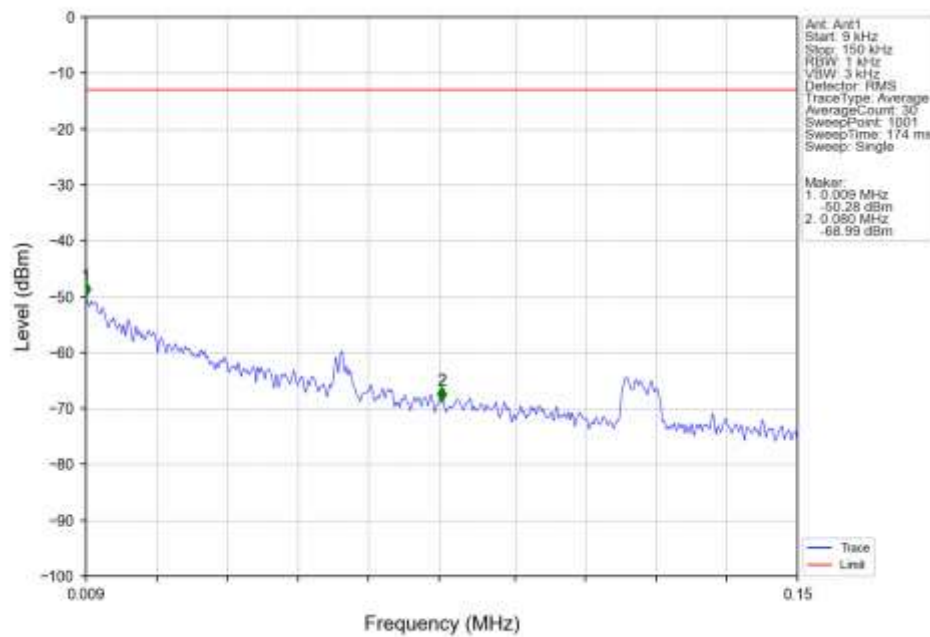
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



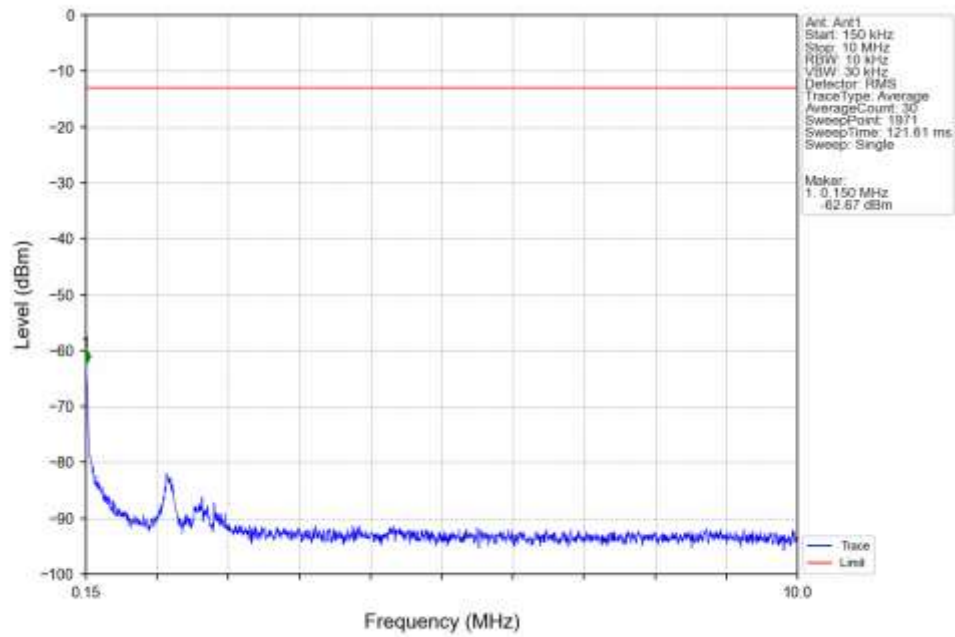
## Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



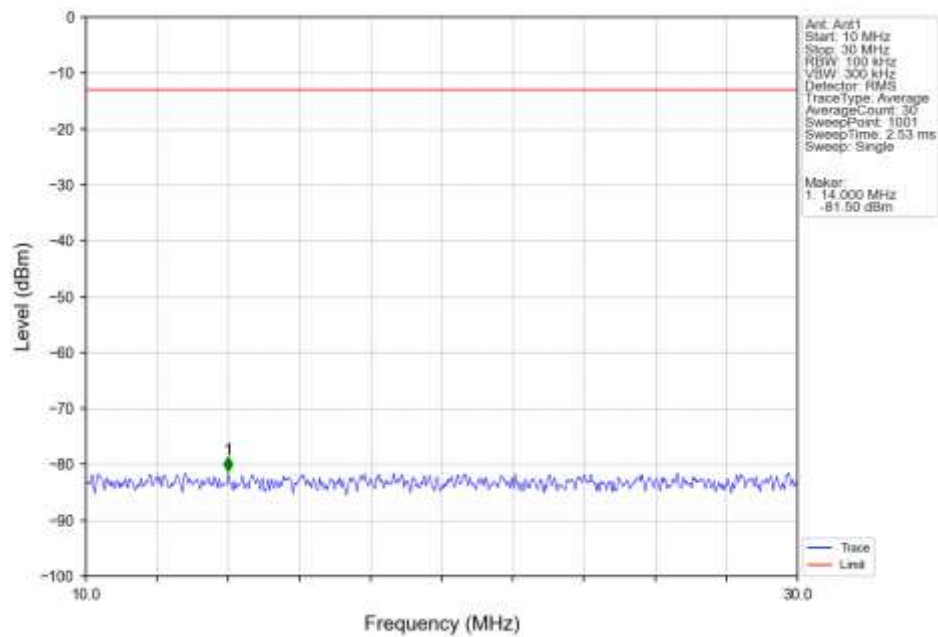
## Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



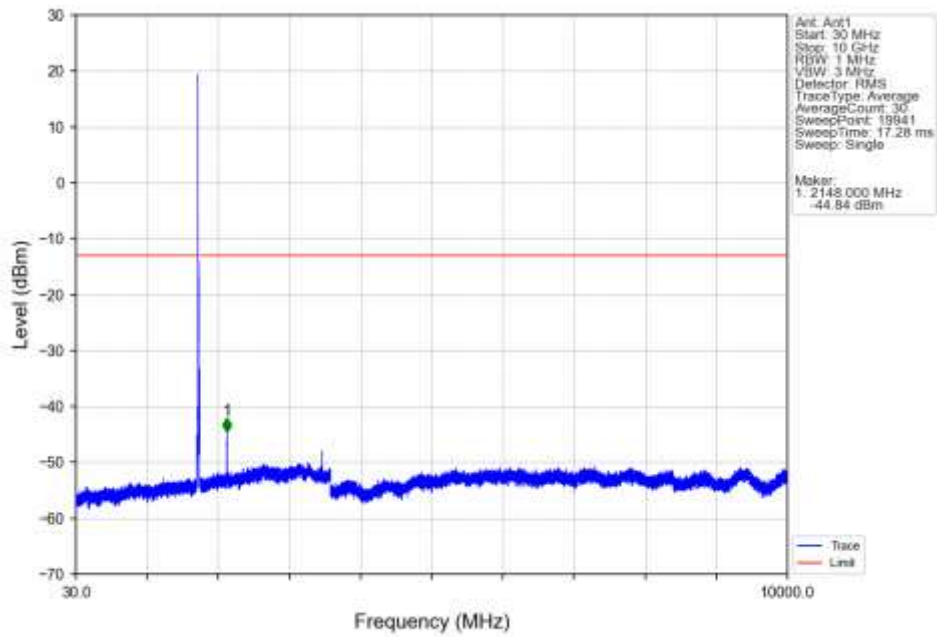
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



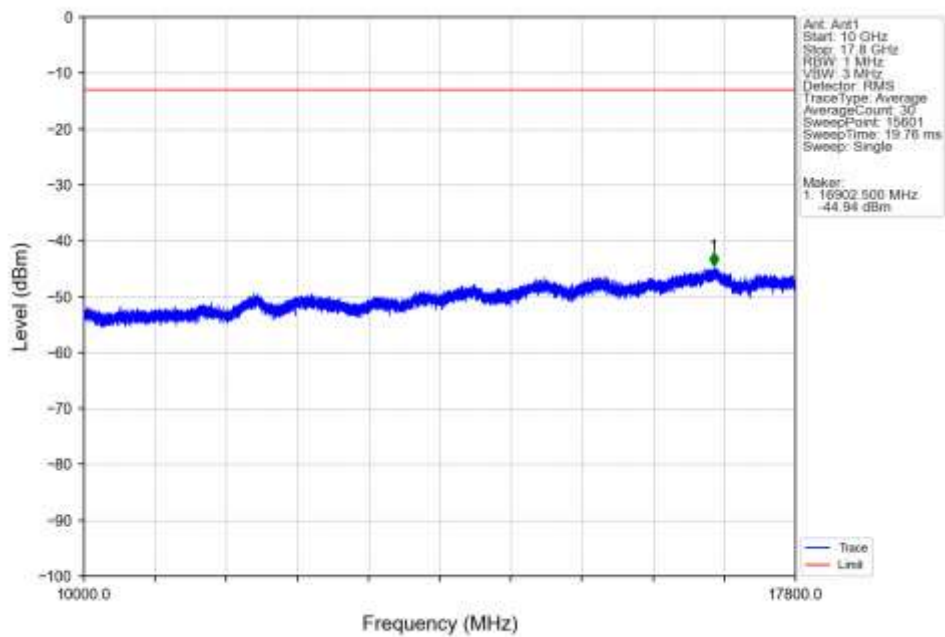
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



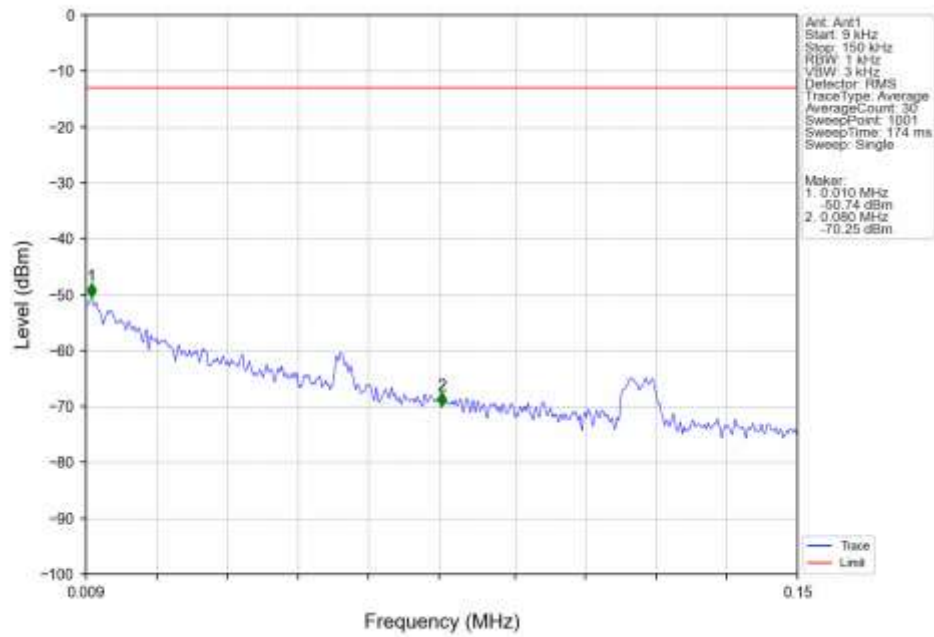
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



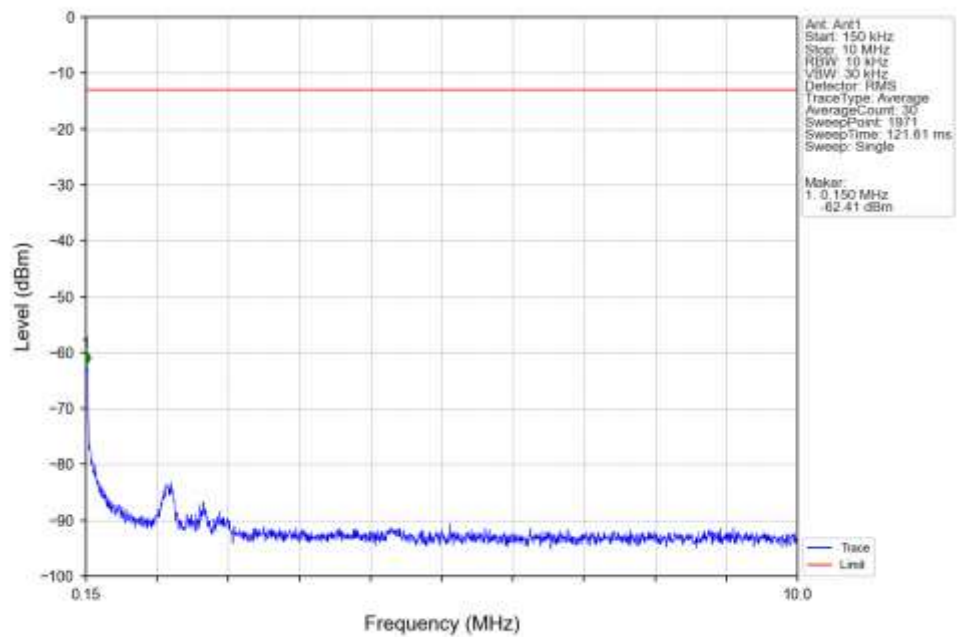
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



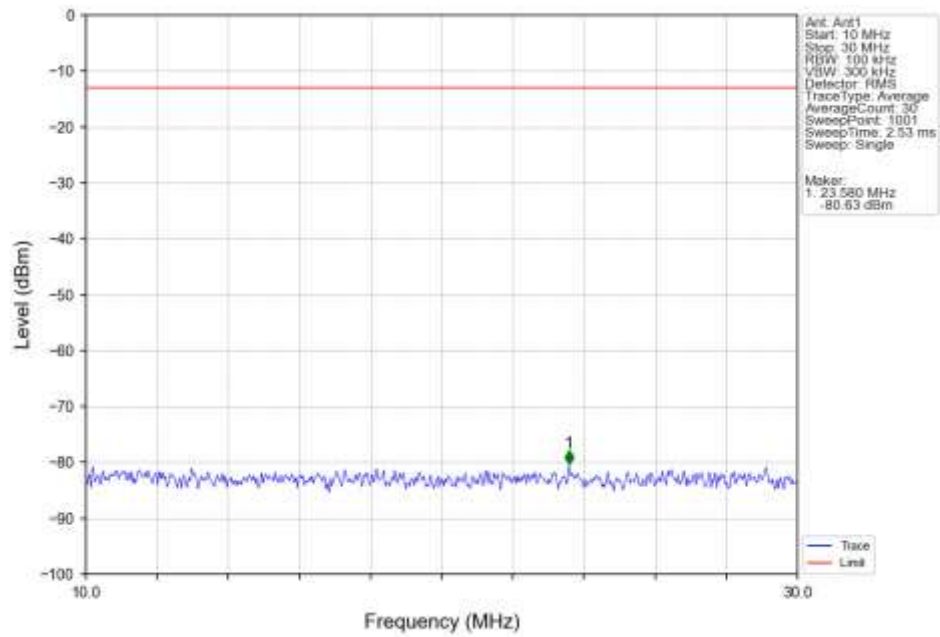
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



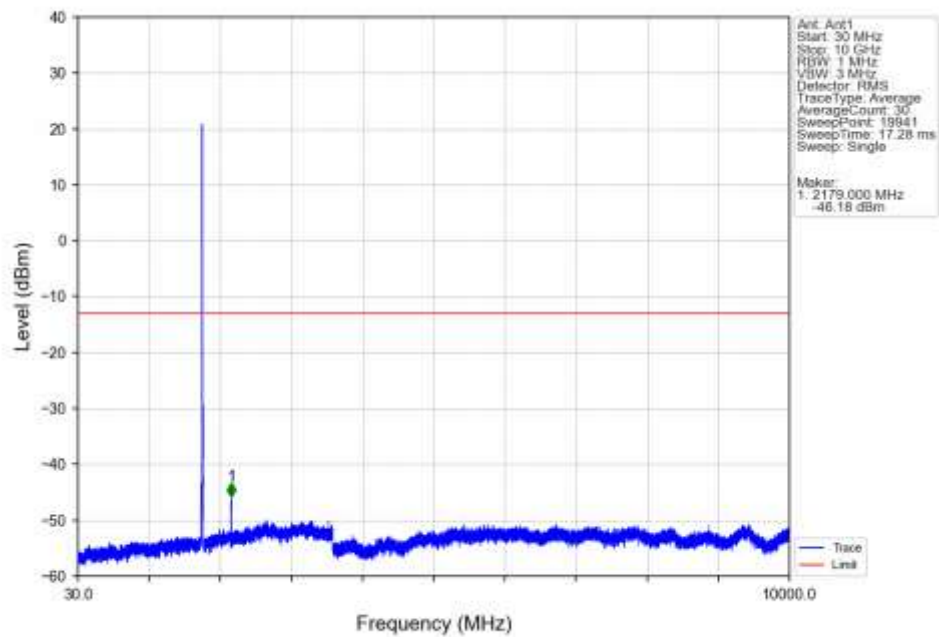
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



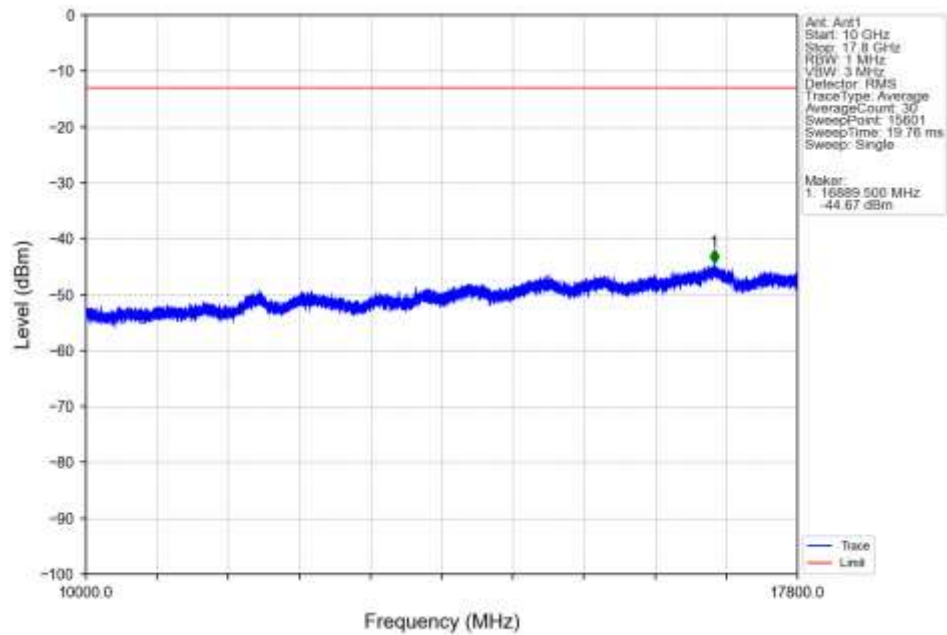
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



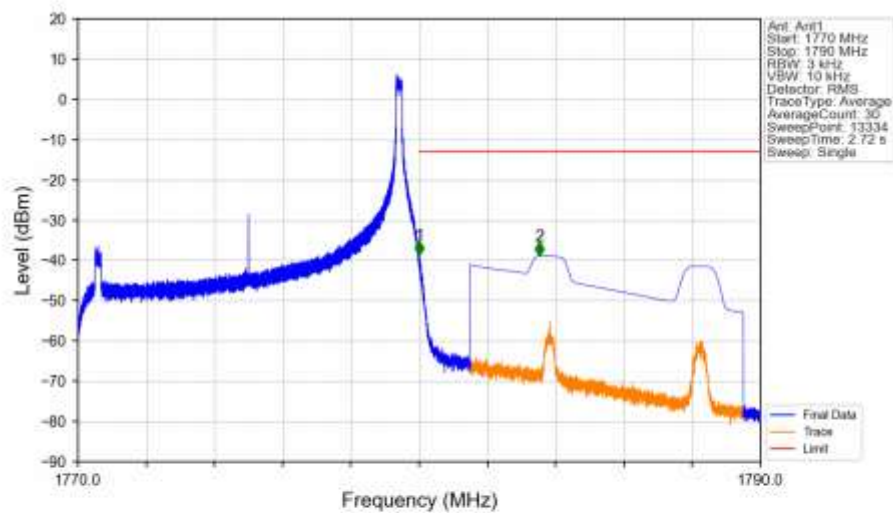
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV

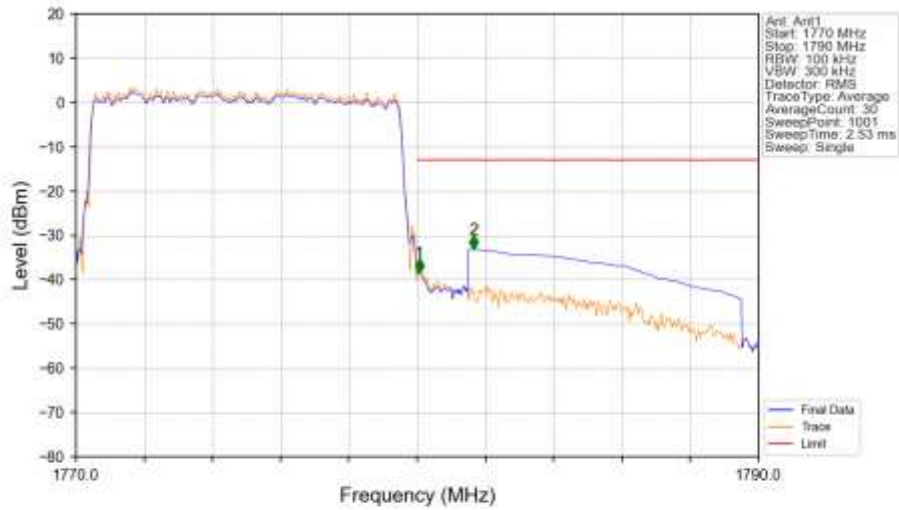


Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTNV

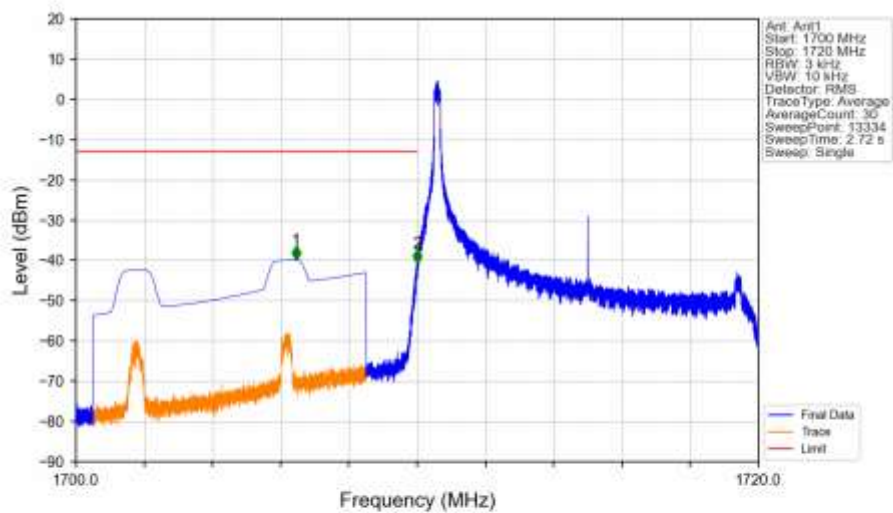


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.011   | -38.72      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    | 2          | 1783.527   | -38.86      | -13         | Pass   |

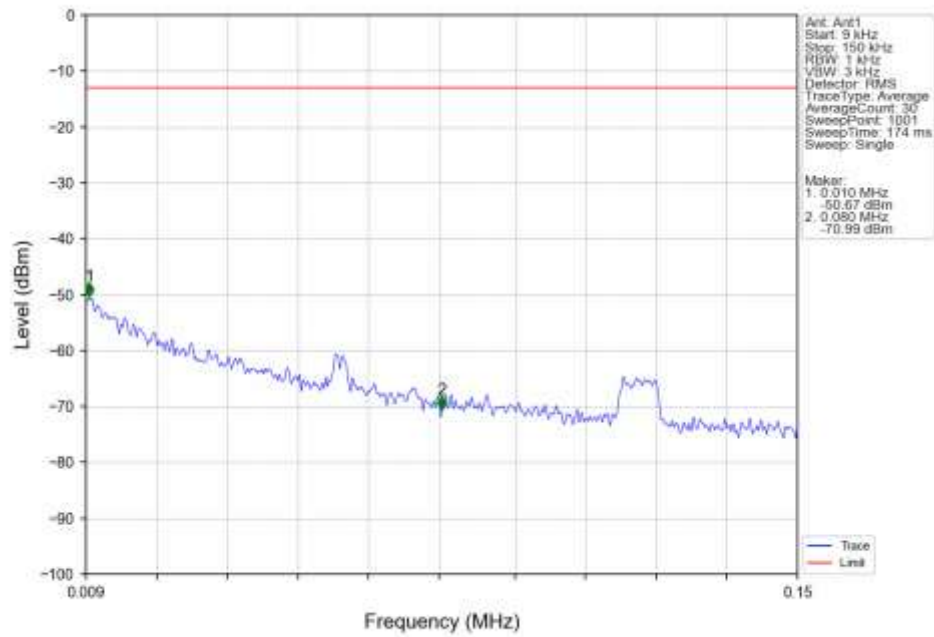
## Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



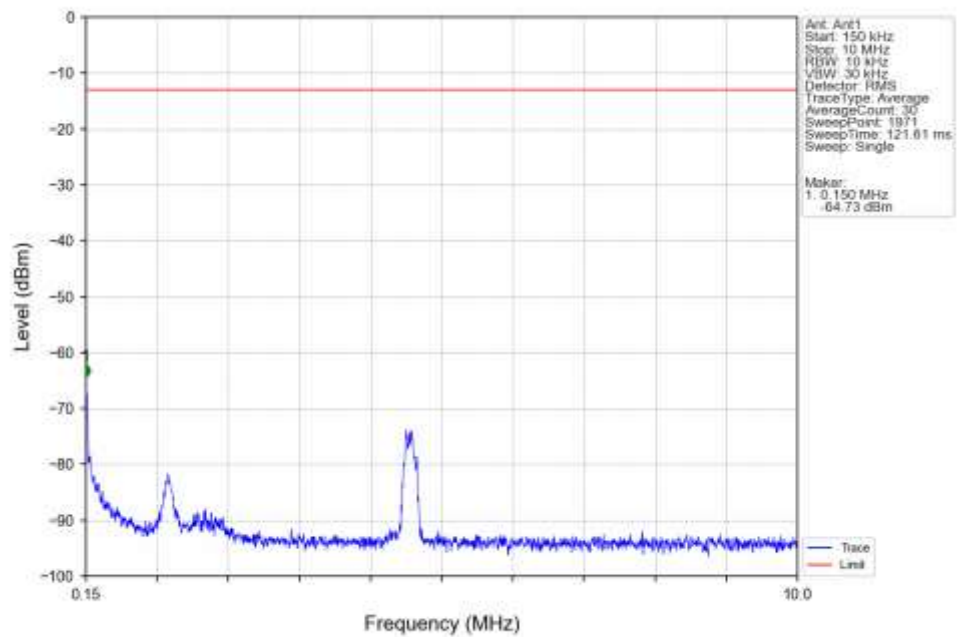
## Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



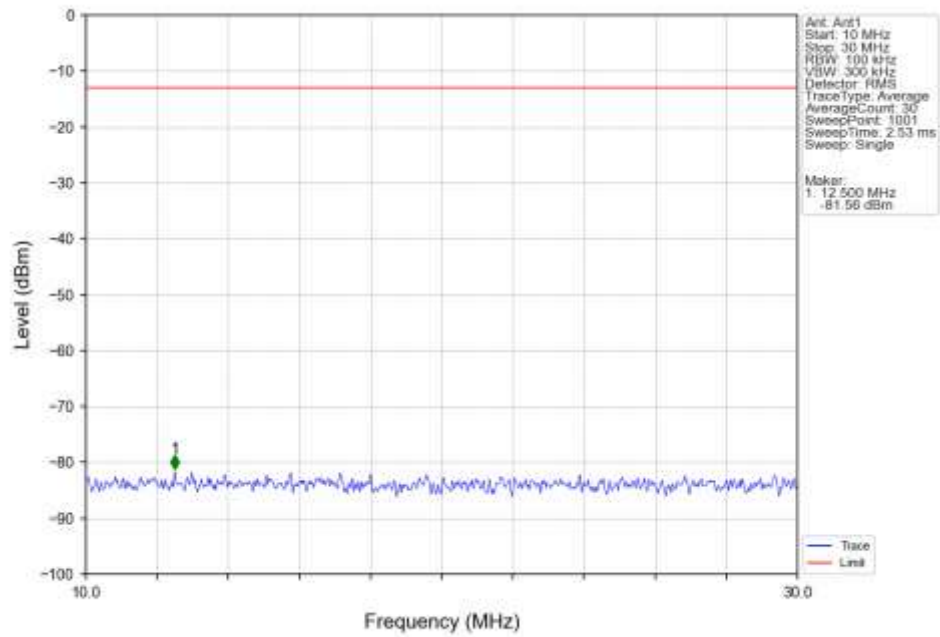
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



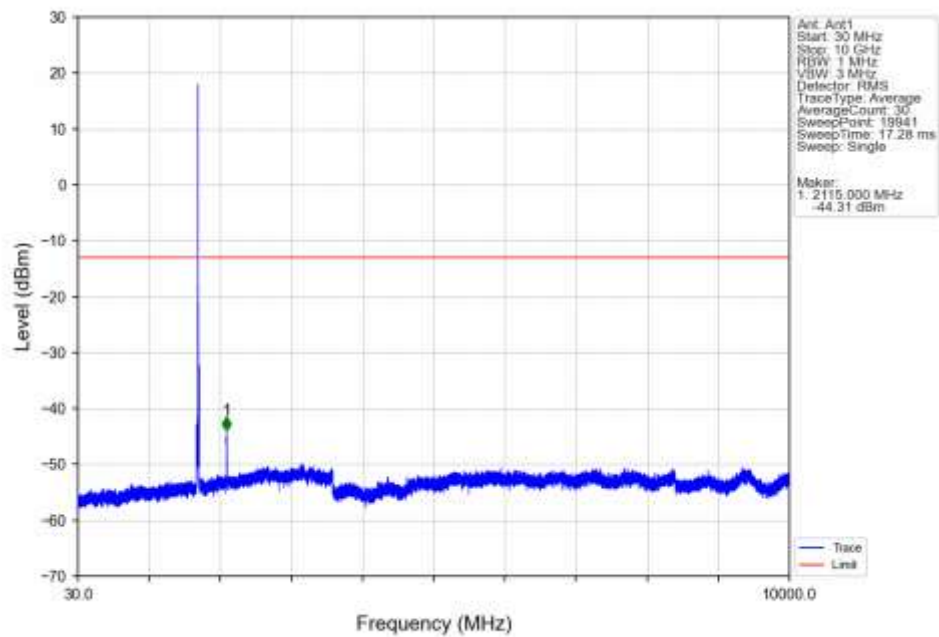
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



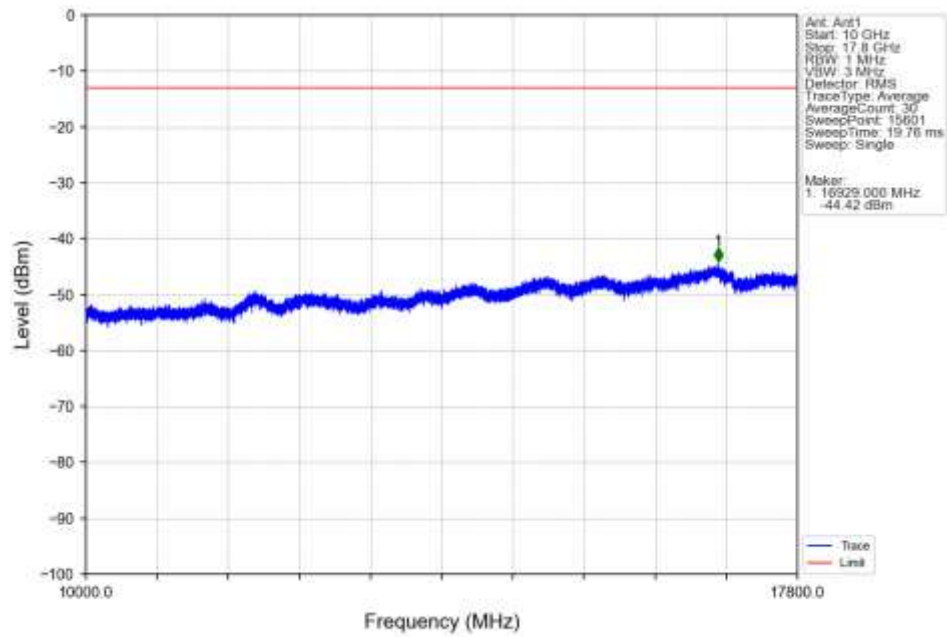
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



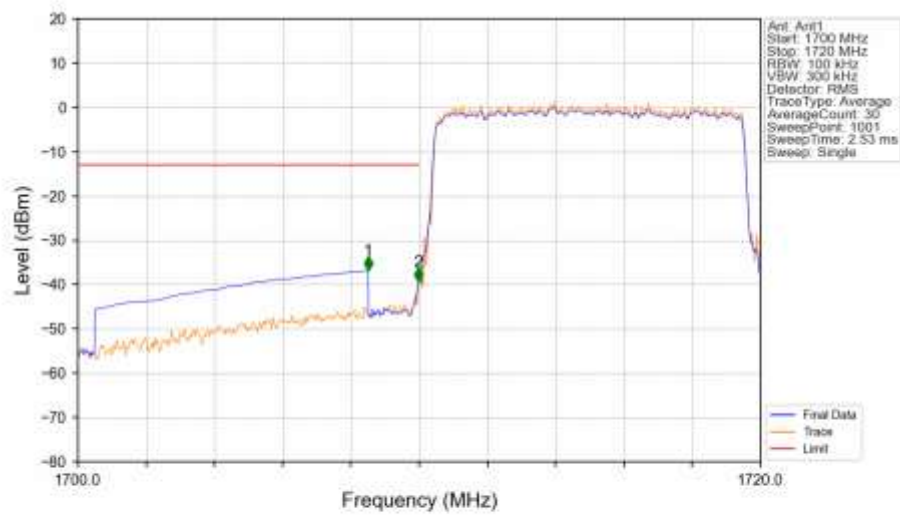
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

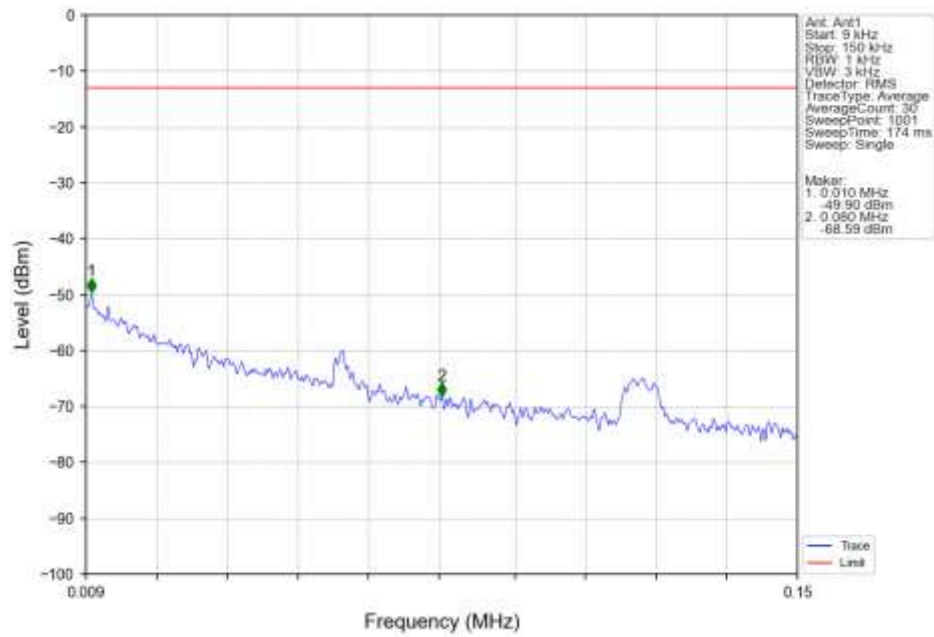


Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

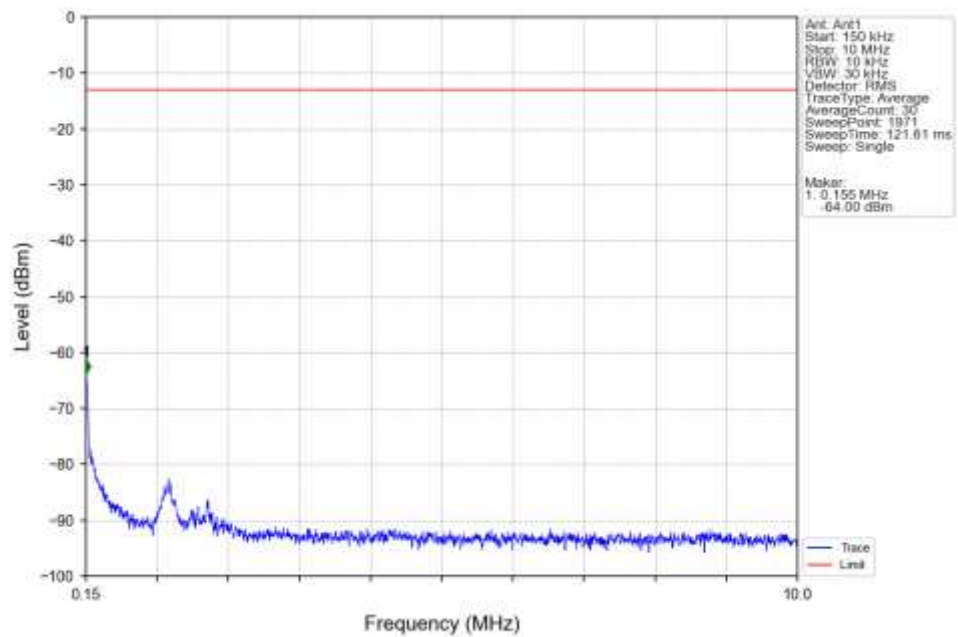


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1709.500   | -36.85      | -13         | Pass   |
| 1709        | 1710       | 0.101     | CHP    | 2          | 1709.980   | -39.30      | -13         | Pass   |
| 1710        | 1720       | 0.101     | CHP    | /          | /          | /           | /           | /      |

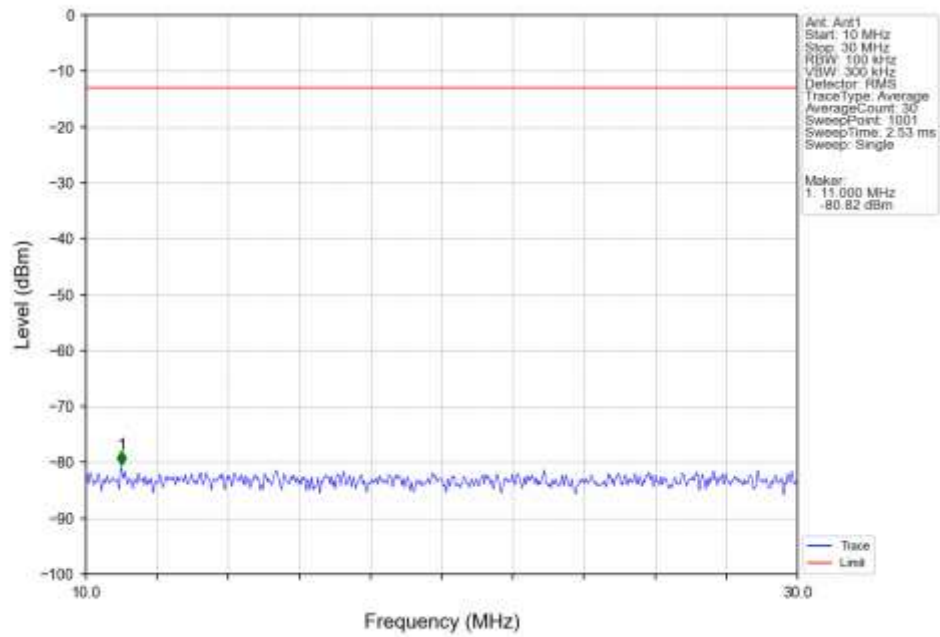
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



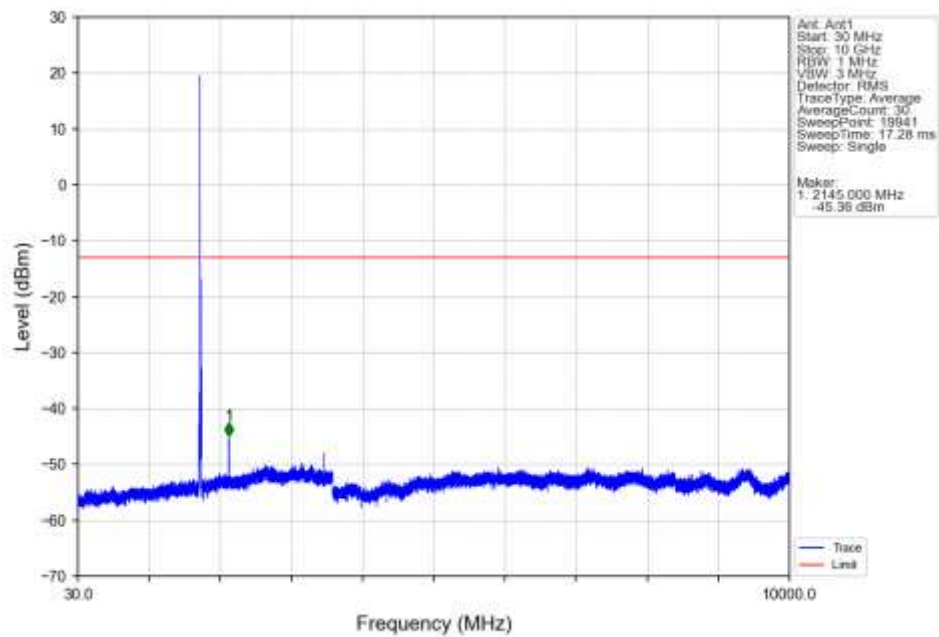
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



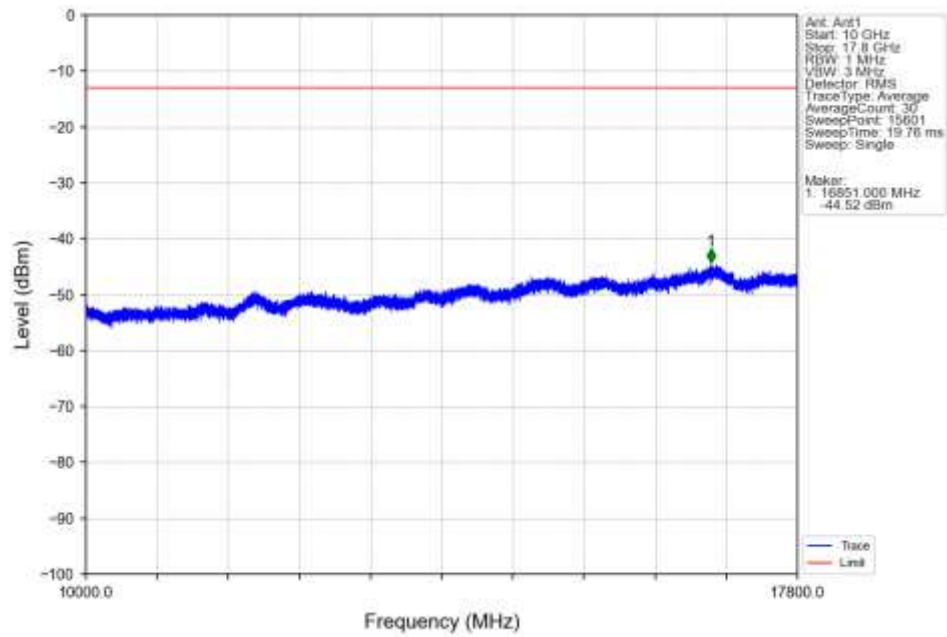
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



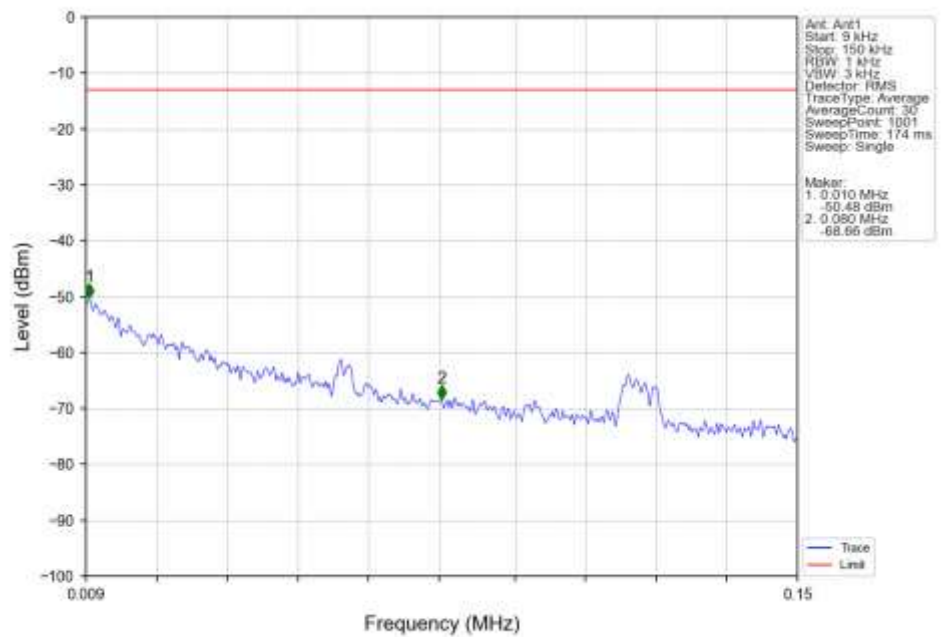
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



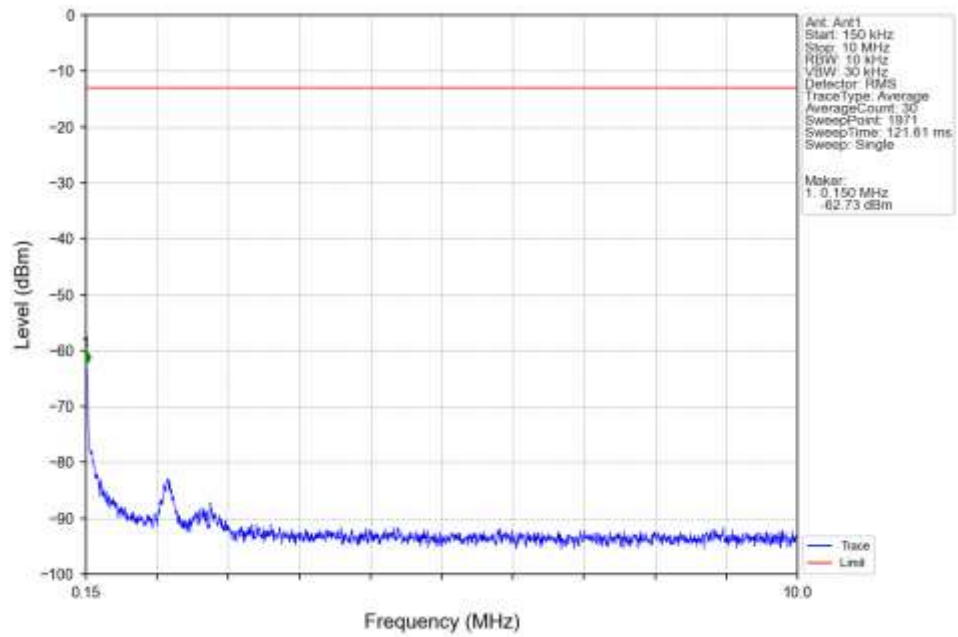
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



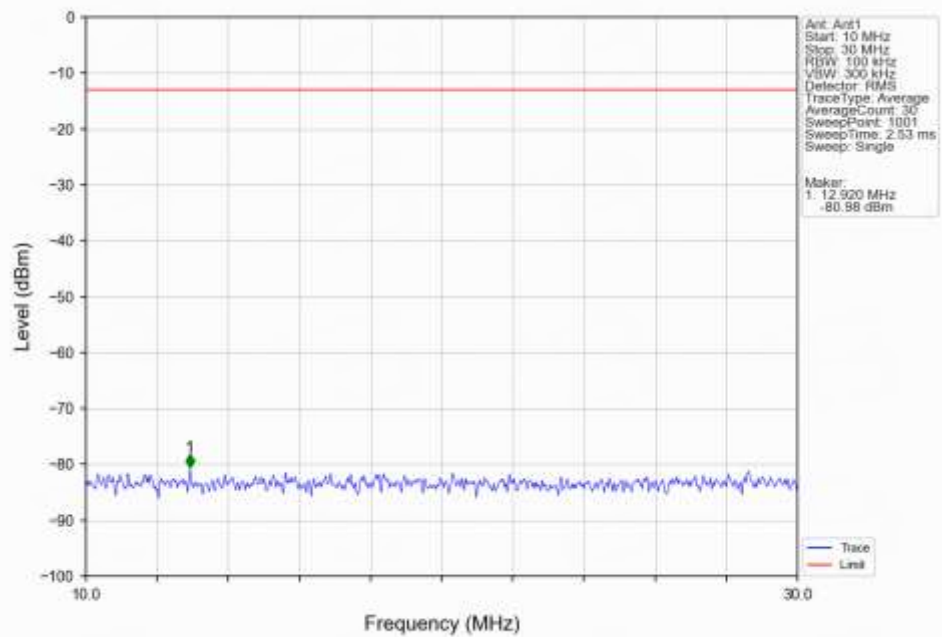
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTNV



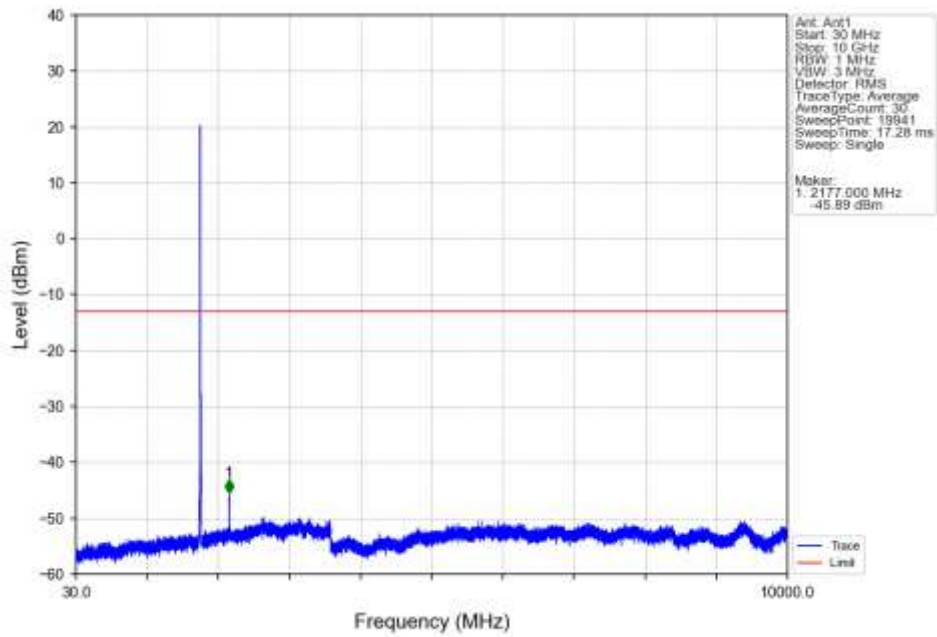
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTV



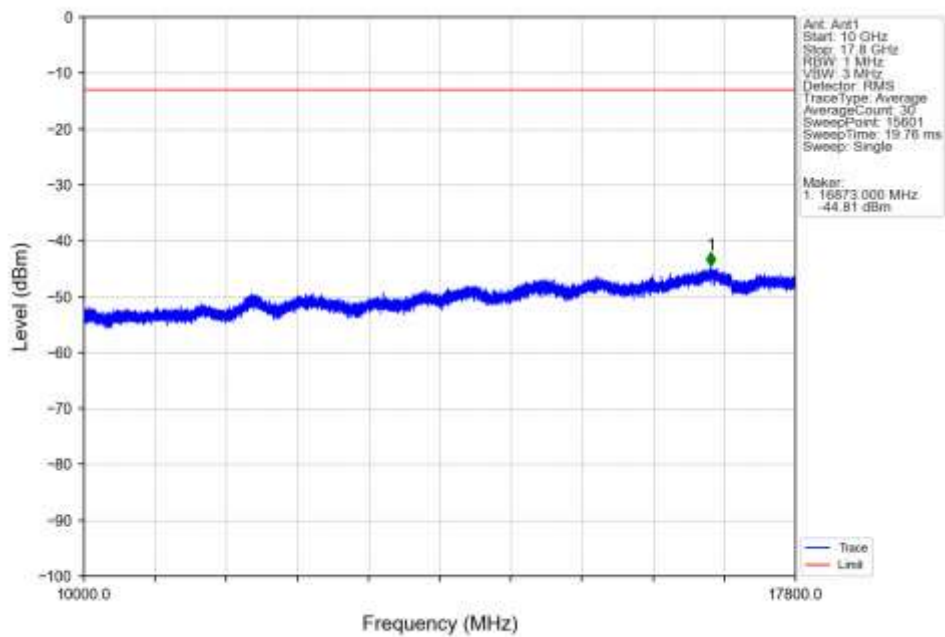
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTV



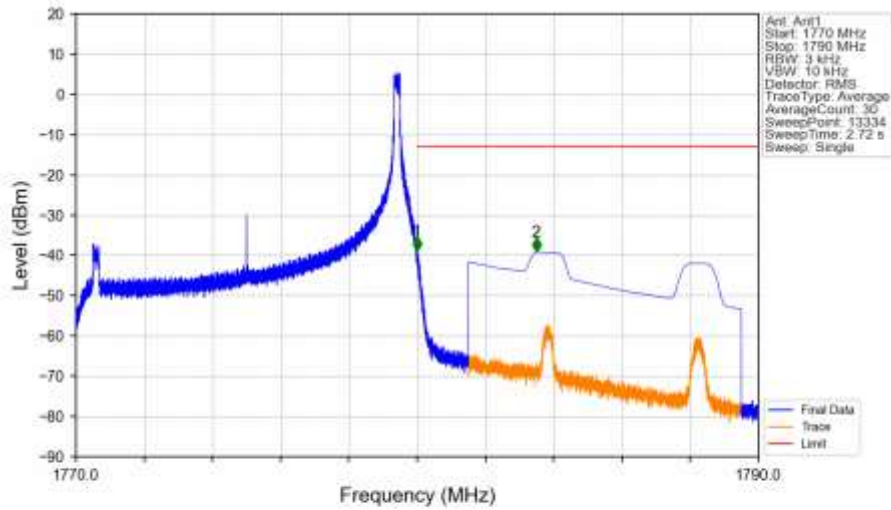
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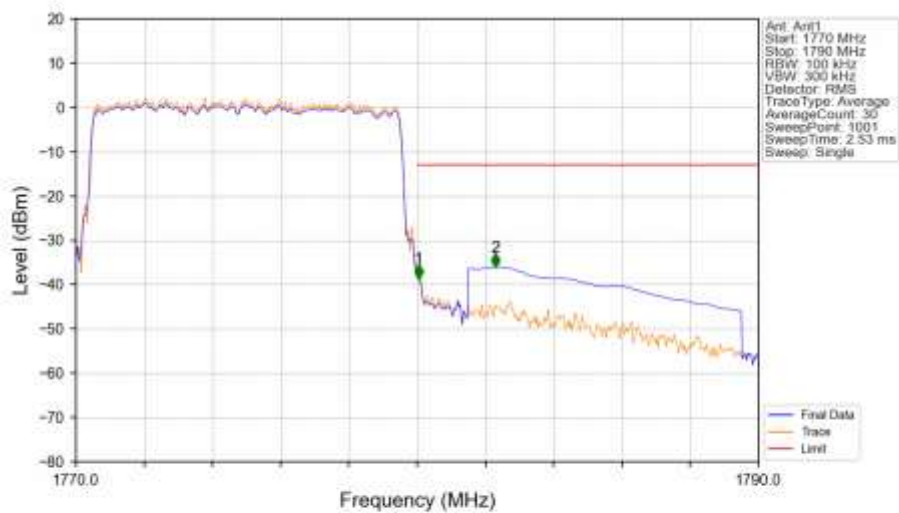
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Band66 10MHz 16QAM HCH 1775MHz RB 1 49 NTNV

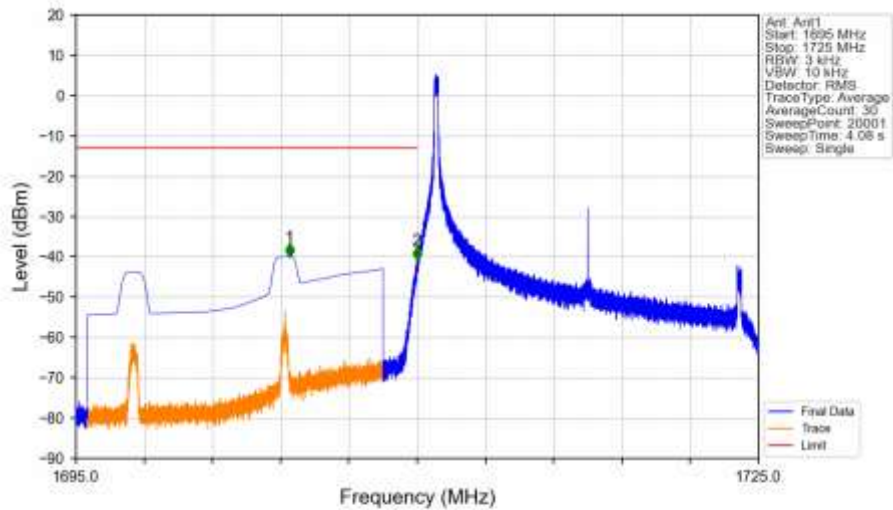


Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV

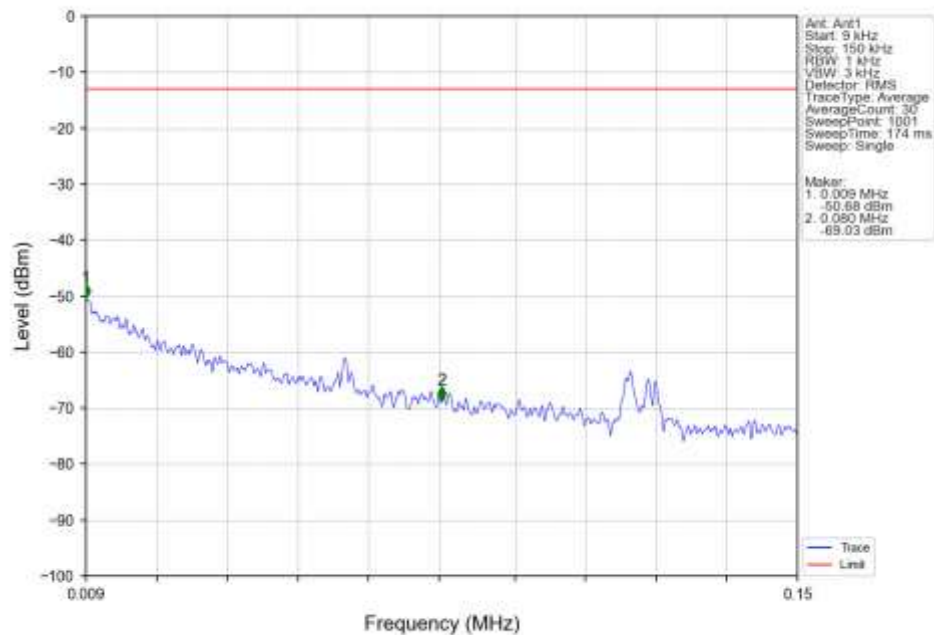


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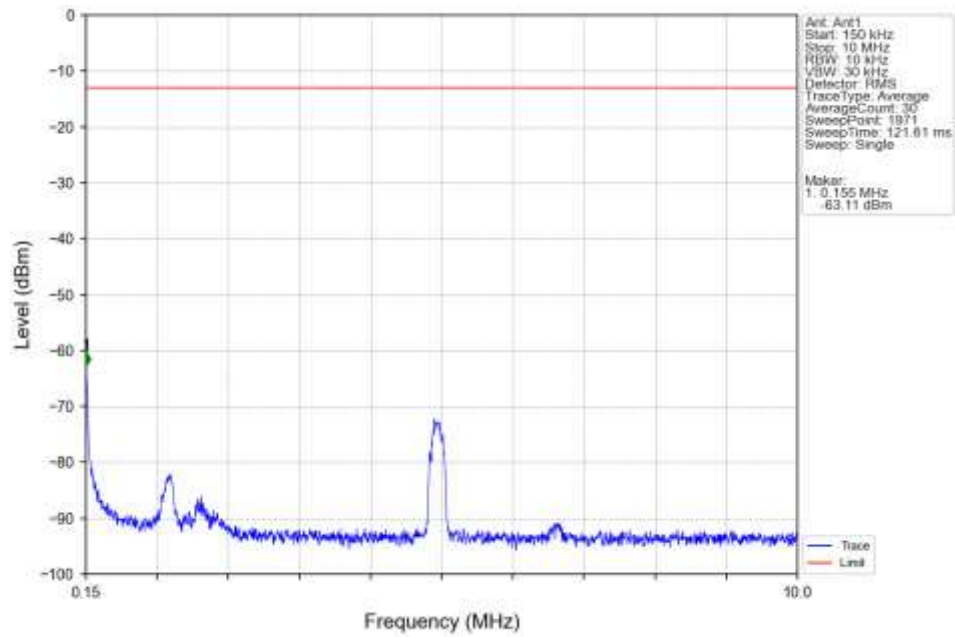
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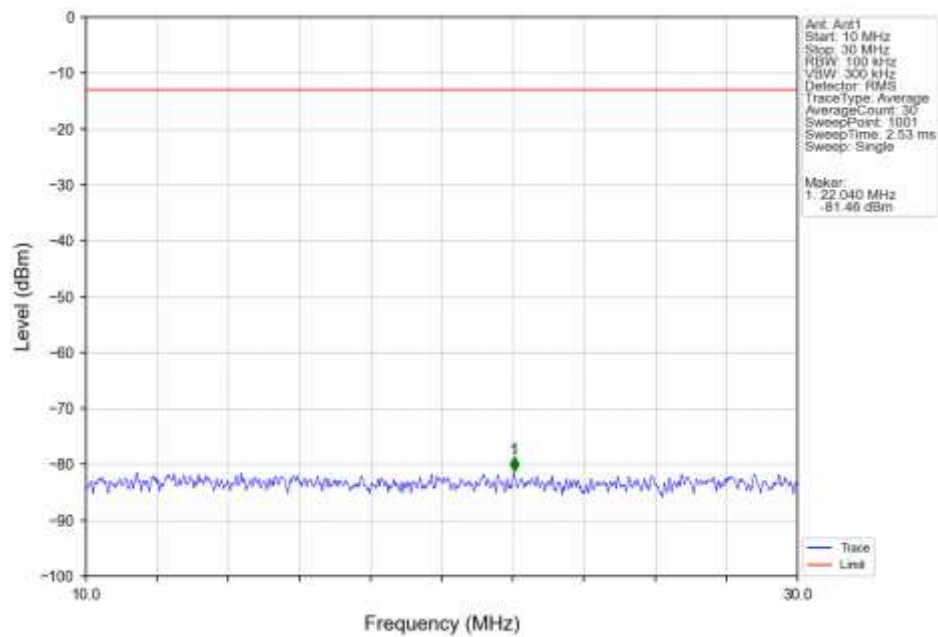
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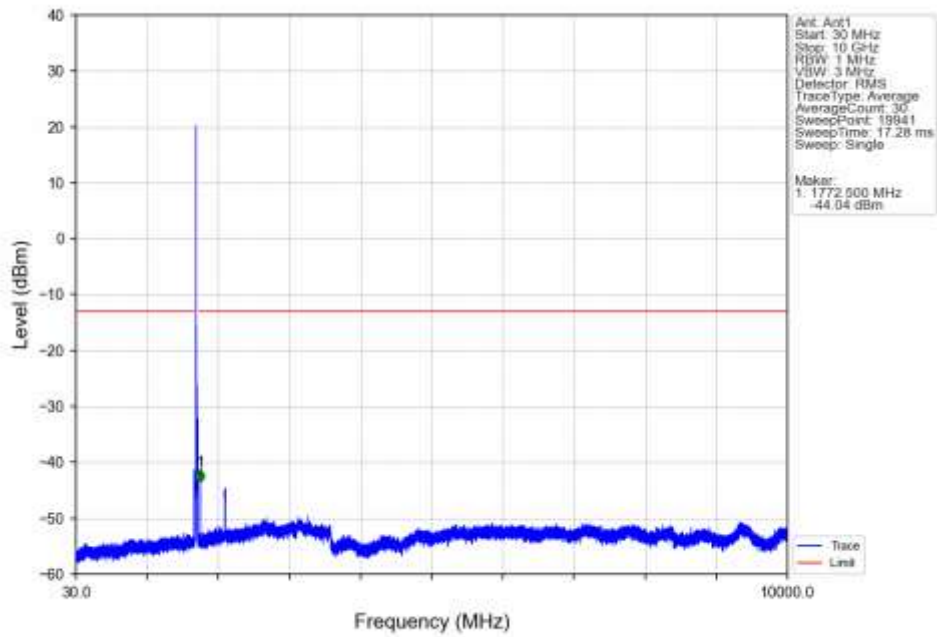
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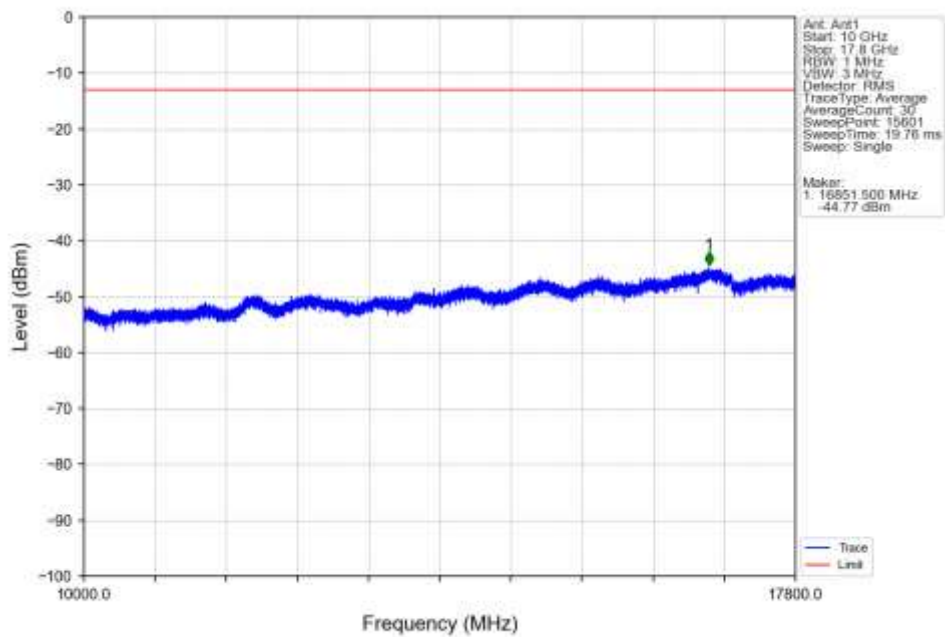
Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV



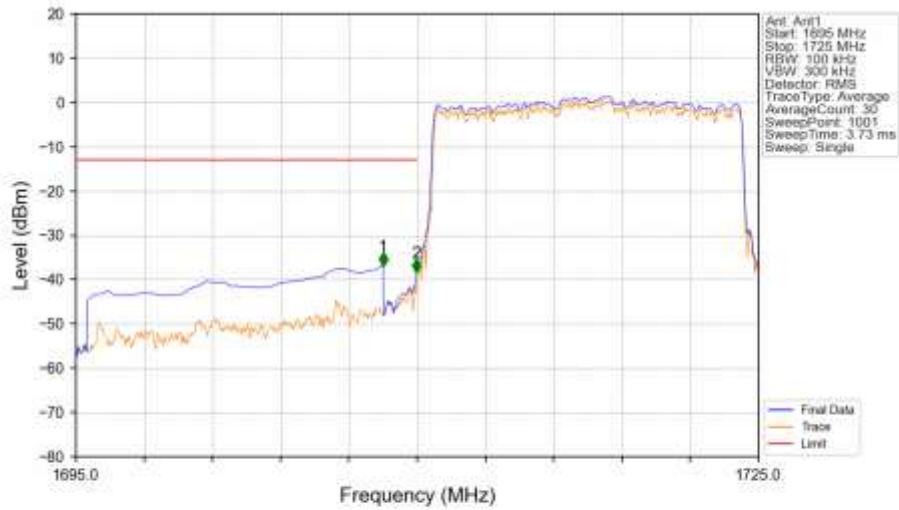
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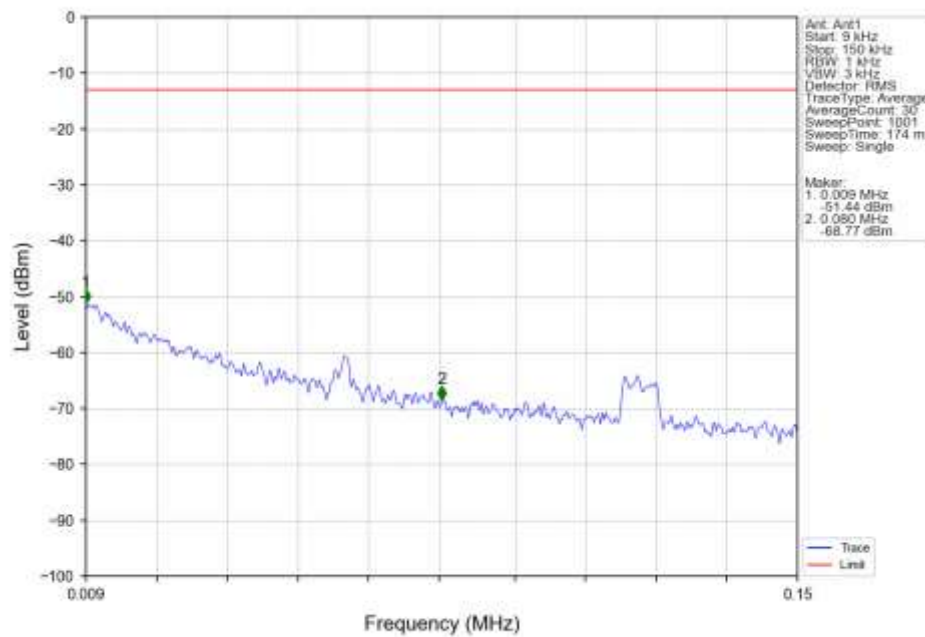
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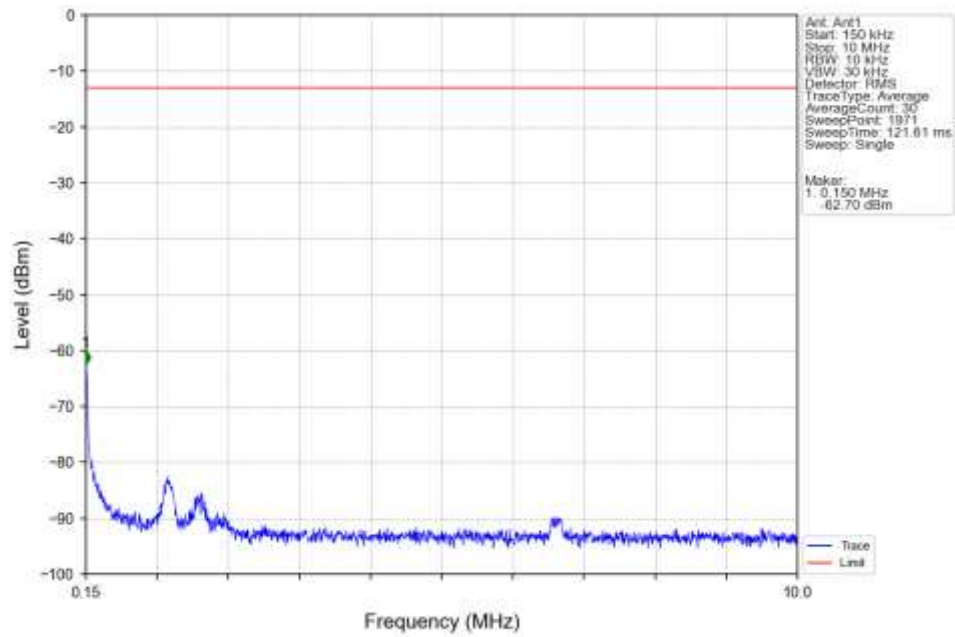
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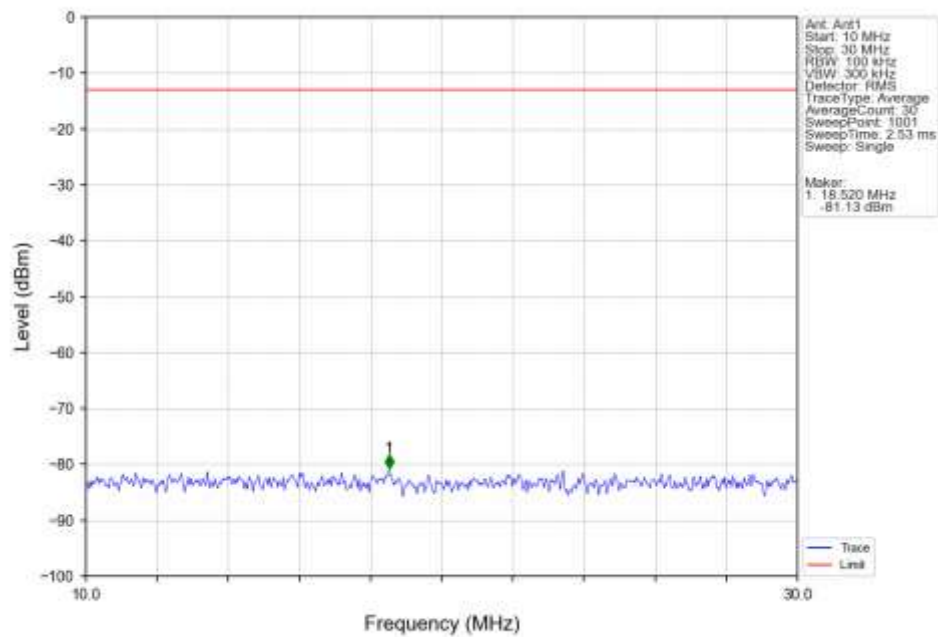
## Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



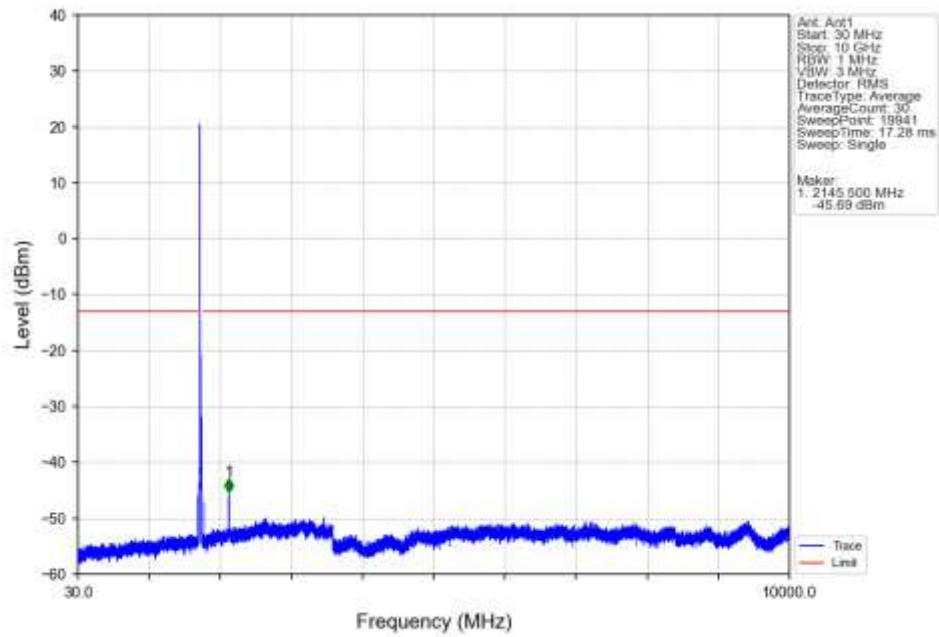
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



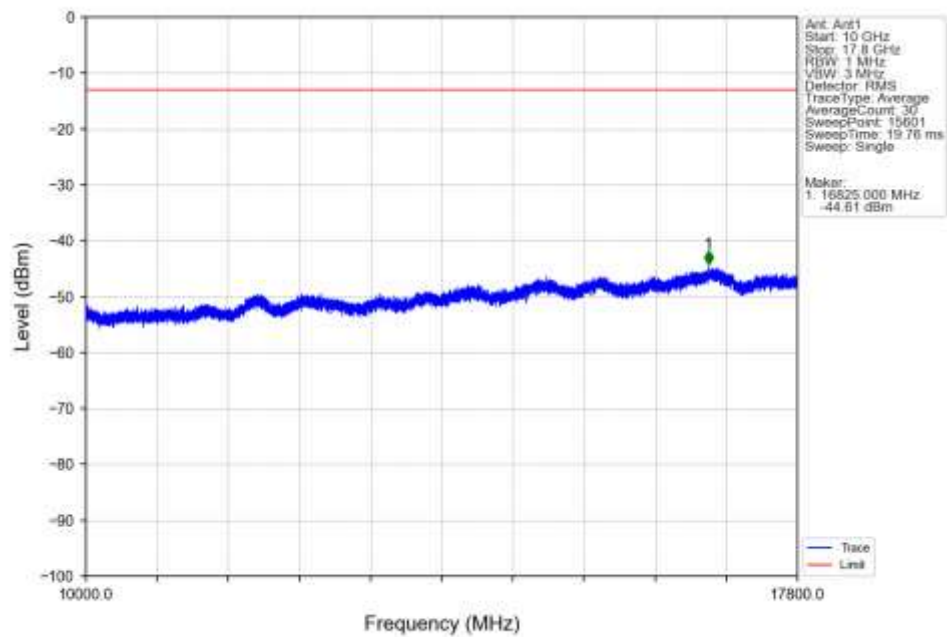
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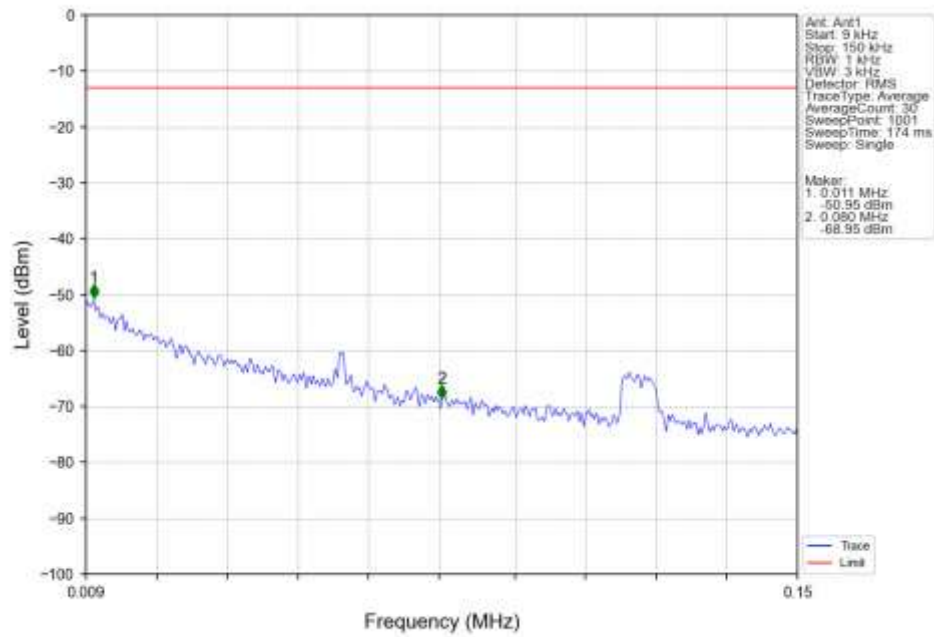
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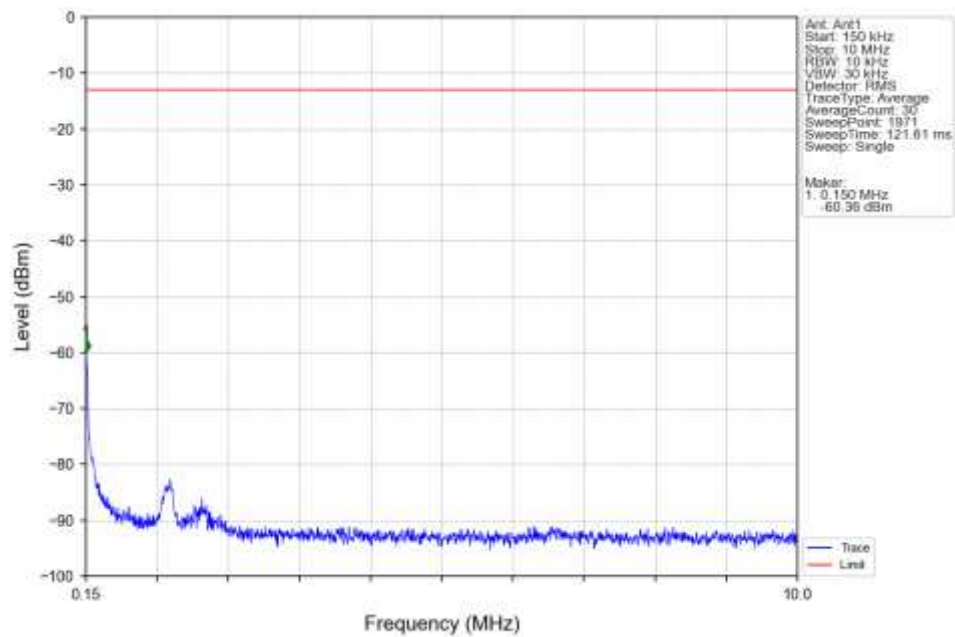
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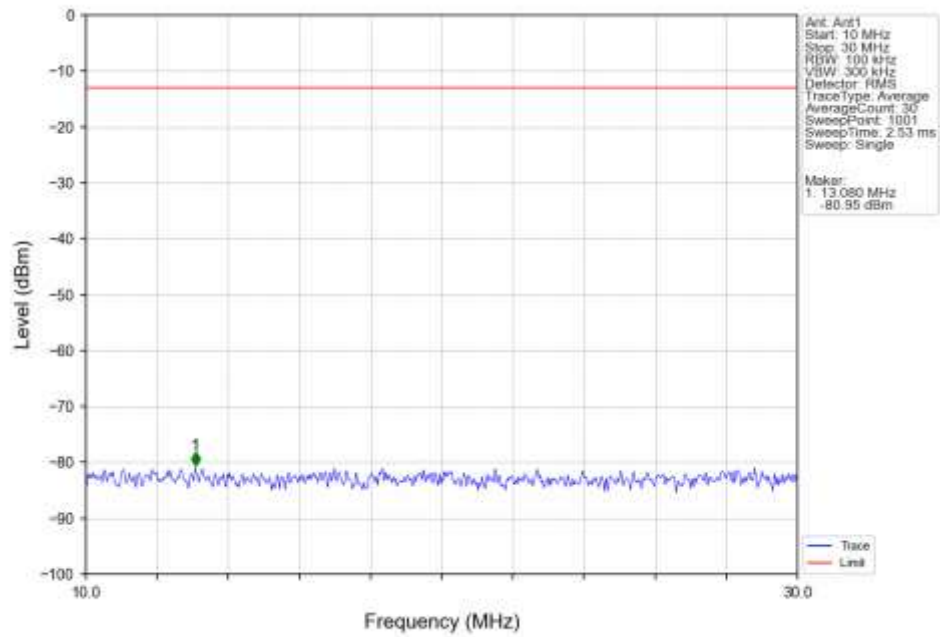
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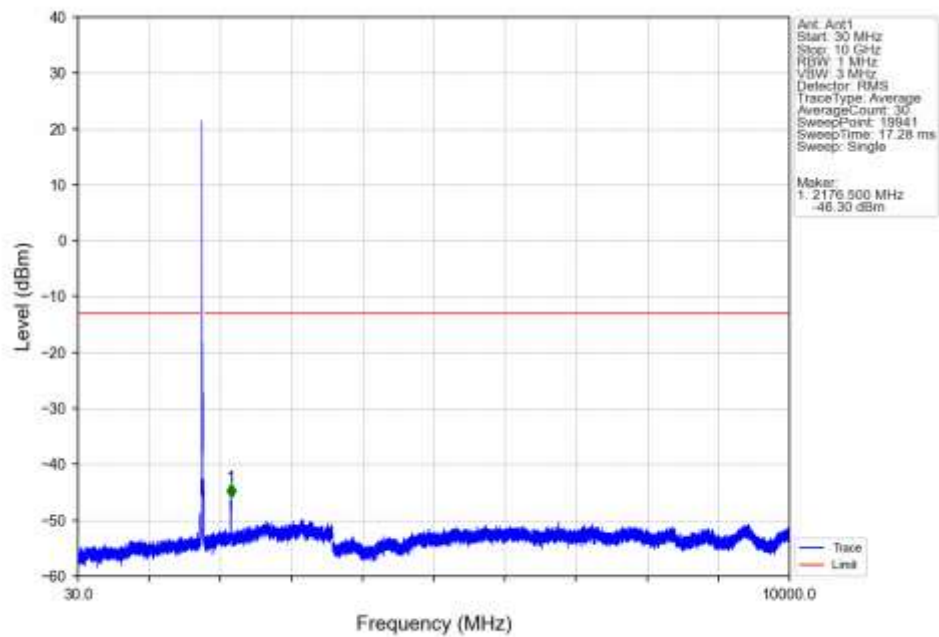
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



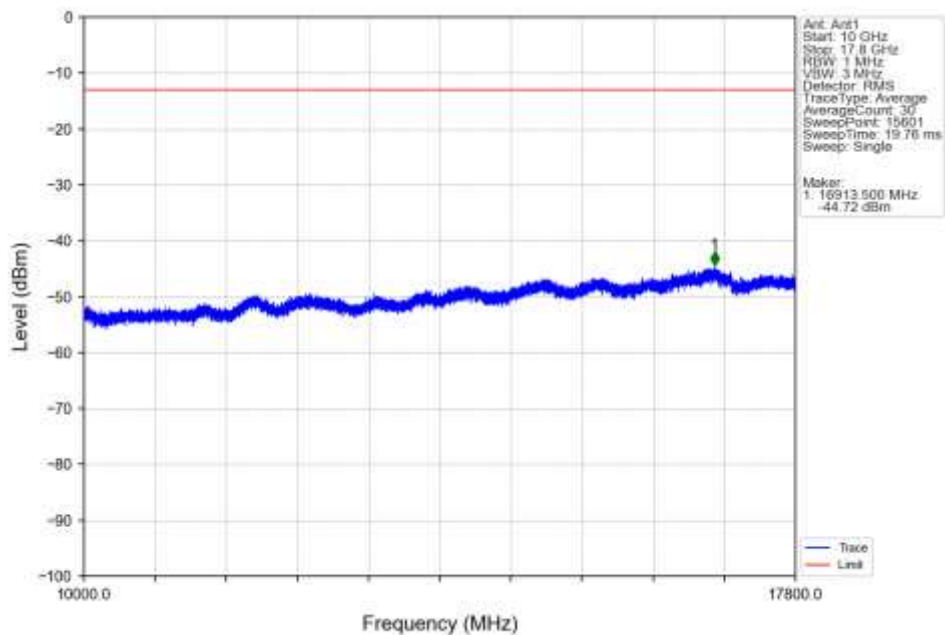
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



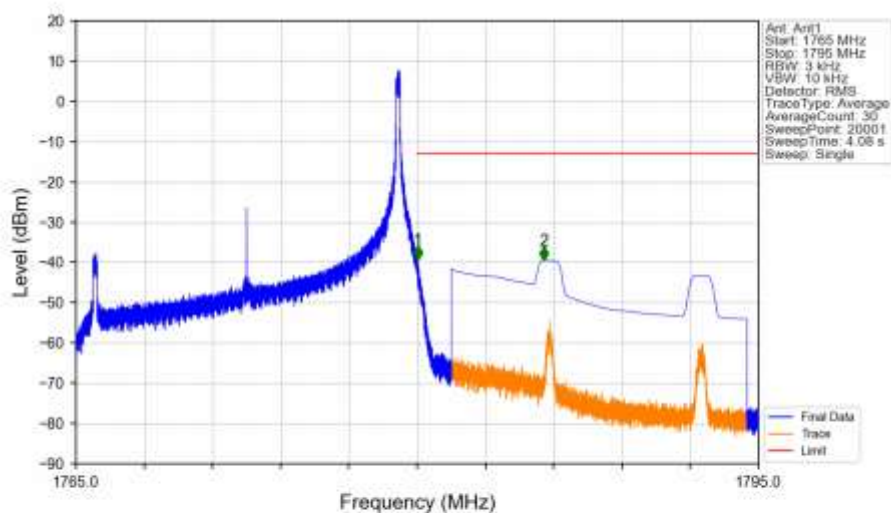
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV

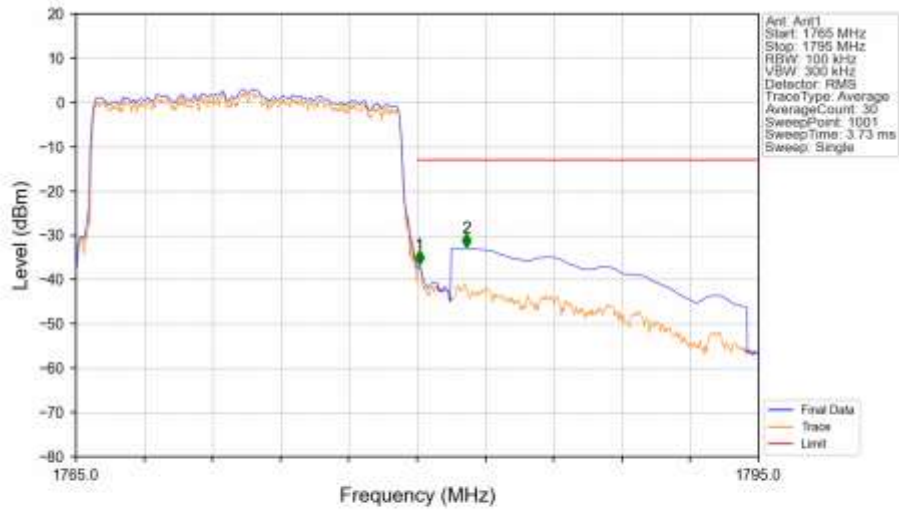


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



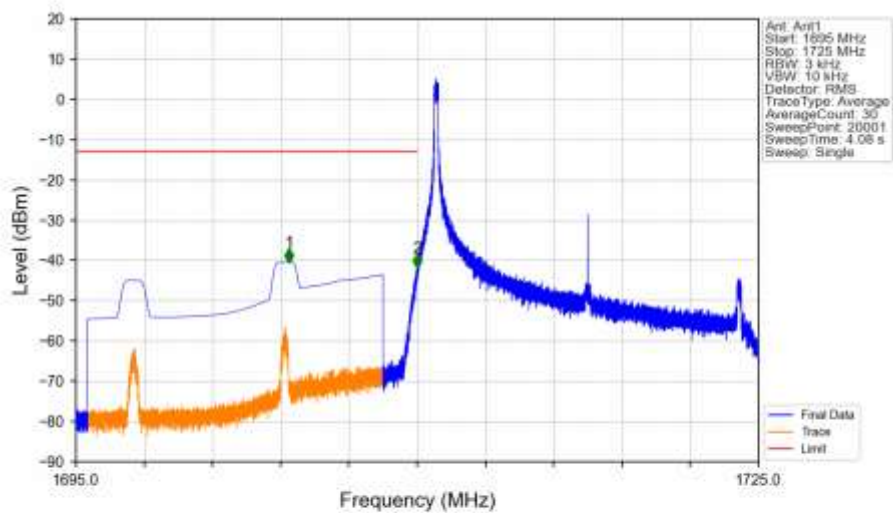
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.020   | -39.28      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1785.570   | -39.49      | -13         | Pass   |

## Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



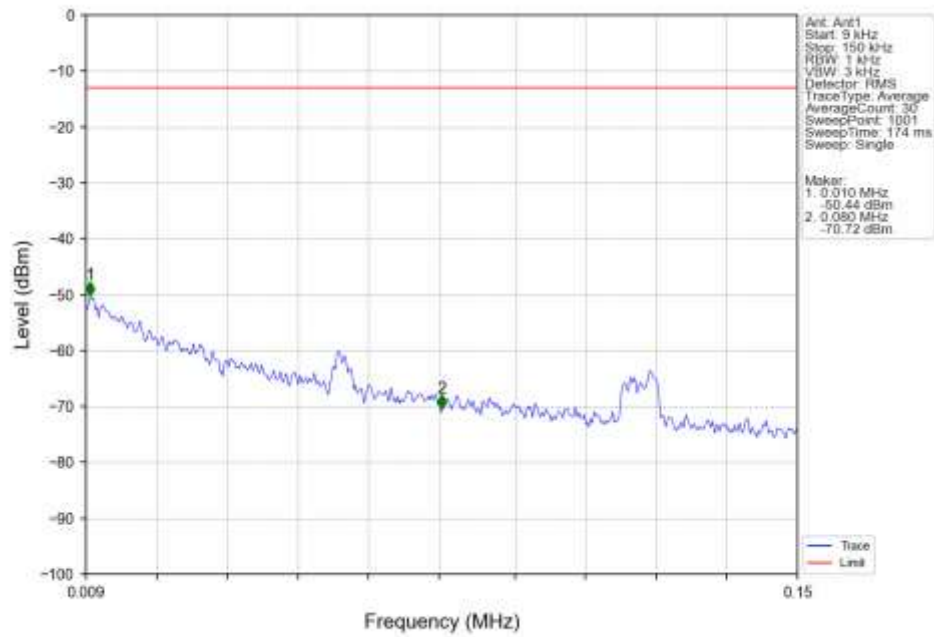
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.151     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.151     | CHP    | 1          | 1780.090   | -36.67      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1782.160   | -32.81      | -13         | Pass   |

## Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV

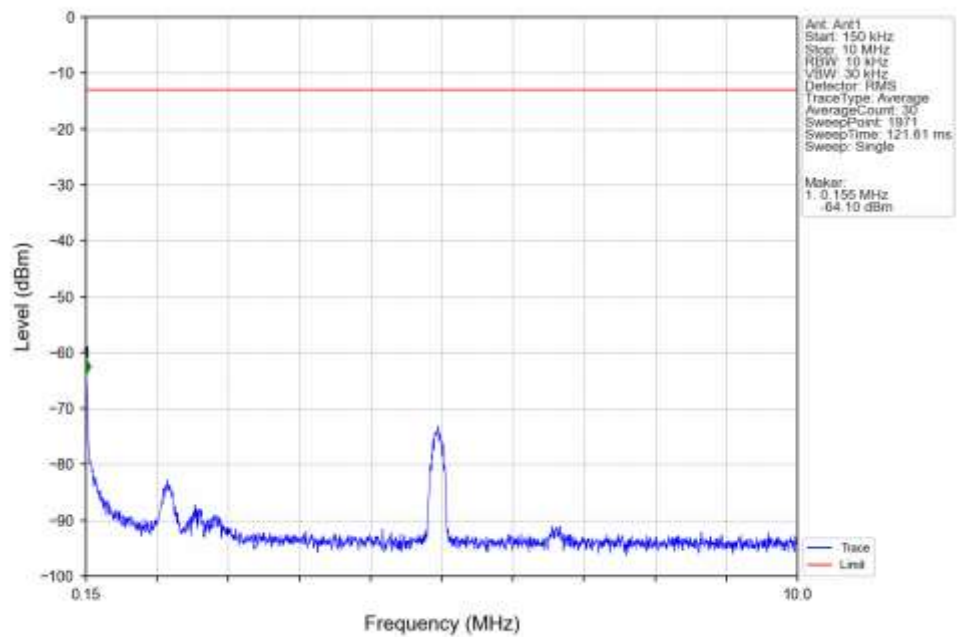


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1704.364   | -40.42      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.998   | -41.86      | -13         | Pass   |
| 1710        | 1725       | 0.003     | /      | /          | /          | /           | /           | /      |

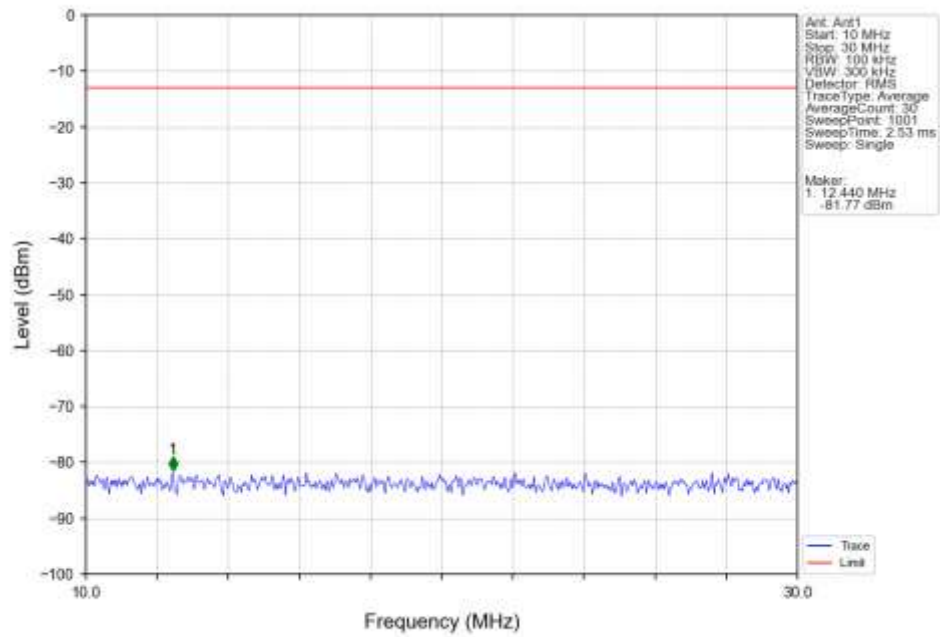
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



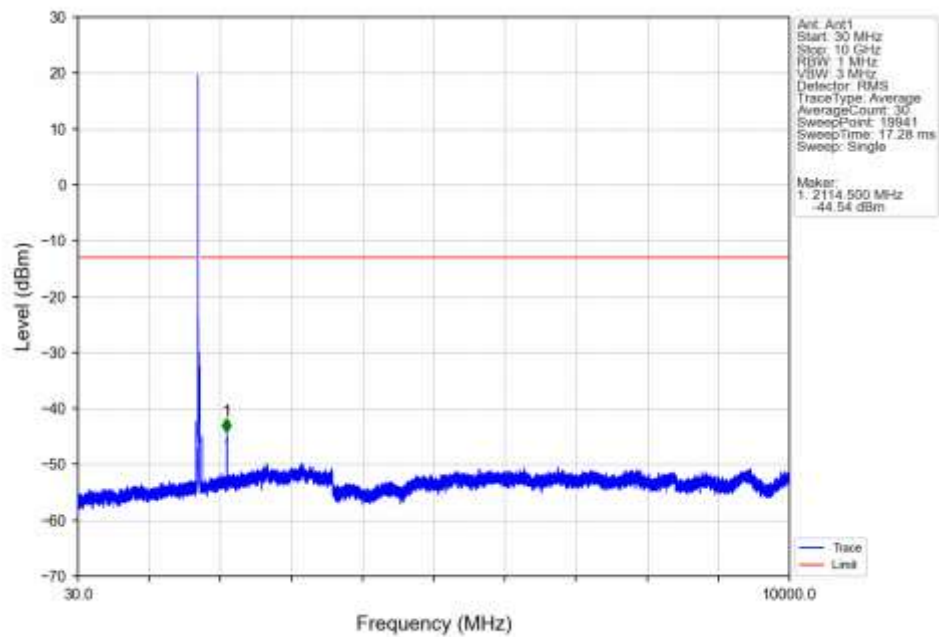
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



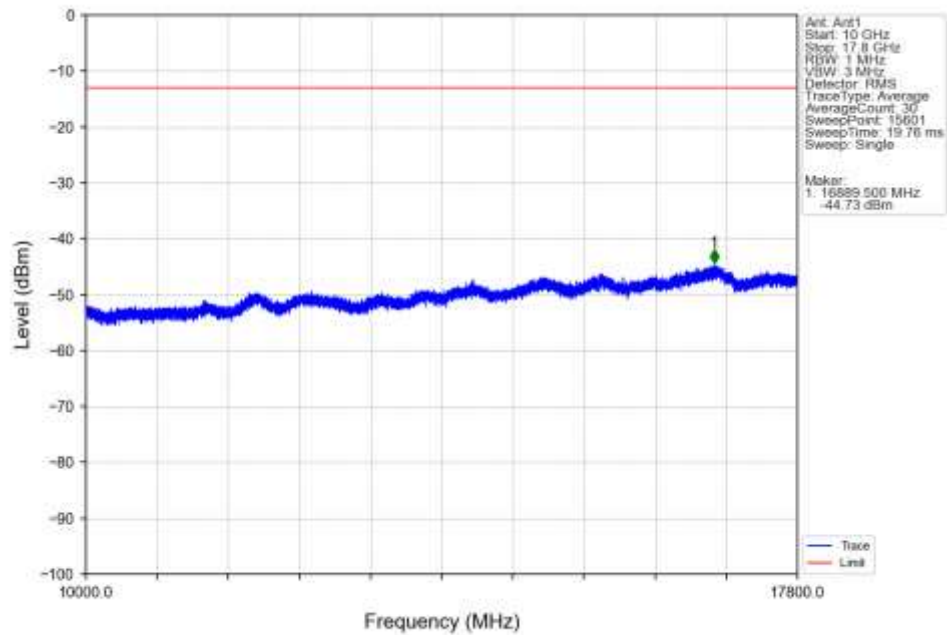
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



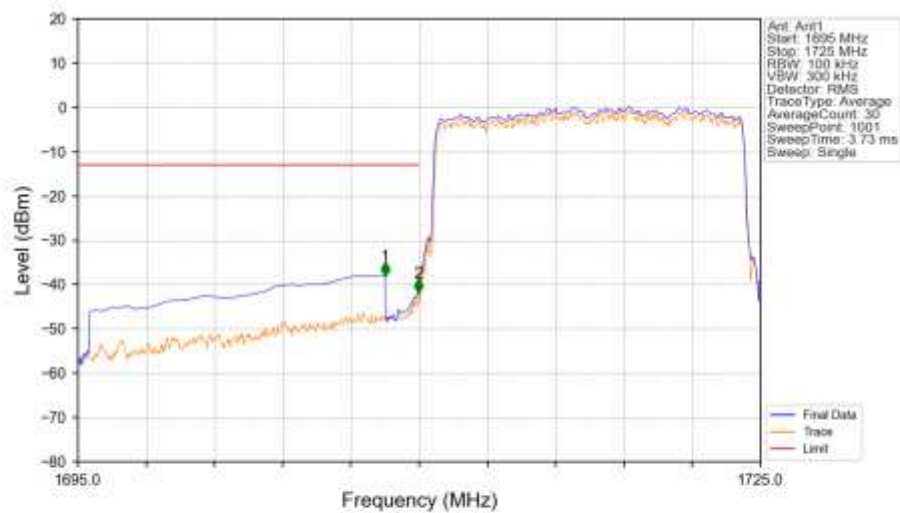
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV

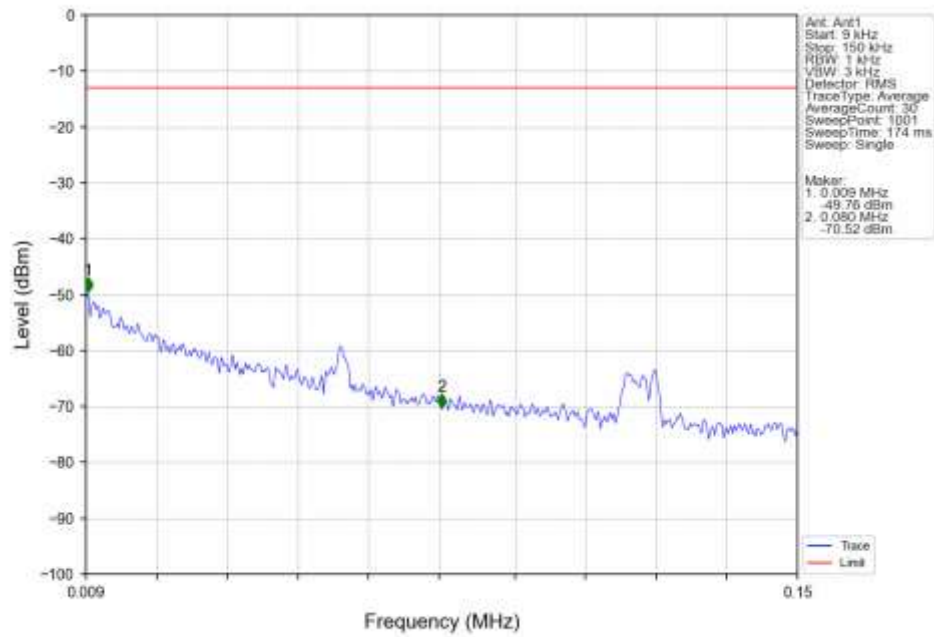


Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV

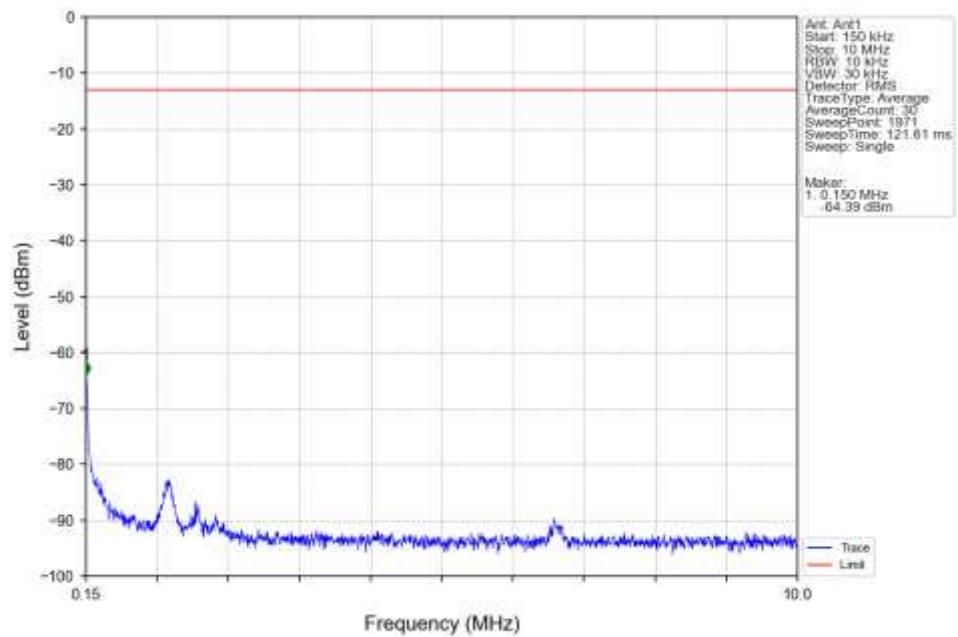


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.500   | -38.02      | -13         | Pass   |
| 1709        | 1710       | 0.151     | CHP    | 2          | 1709.970   | -41.86      | -13         | Pass   |
| 1710        | 1725       | 0.151     | CHP    | /          | /          | /           | /           | /      |

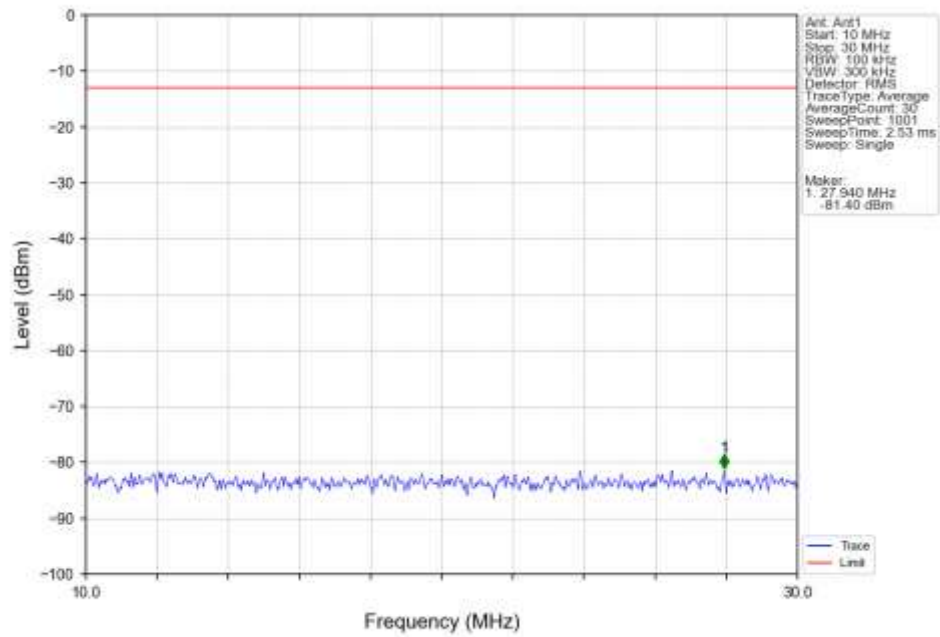
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



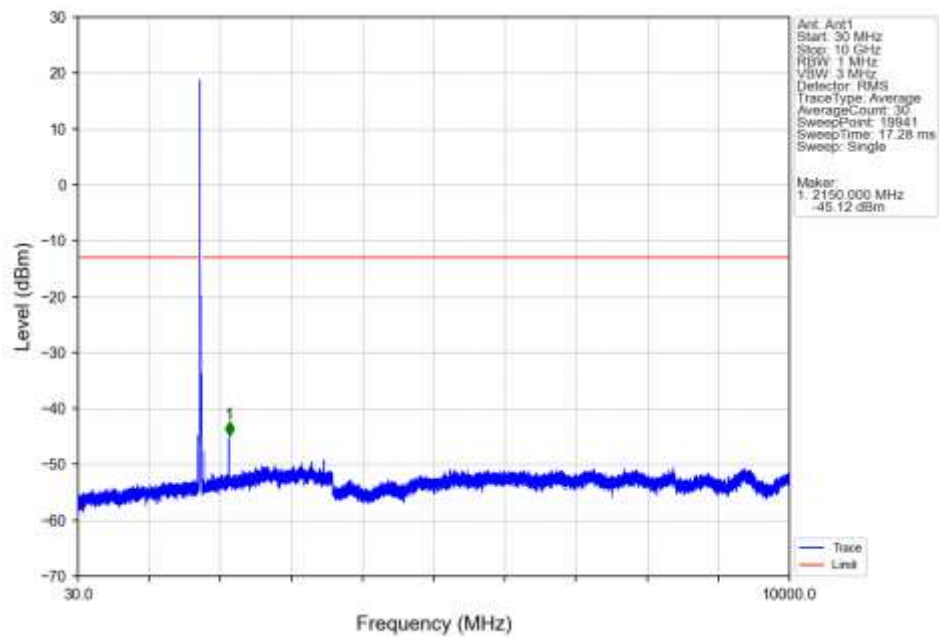
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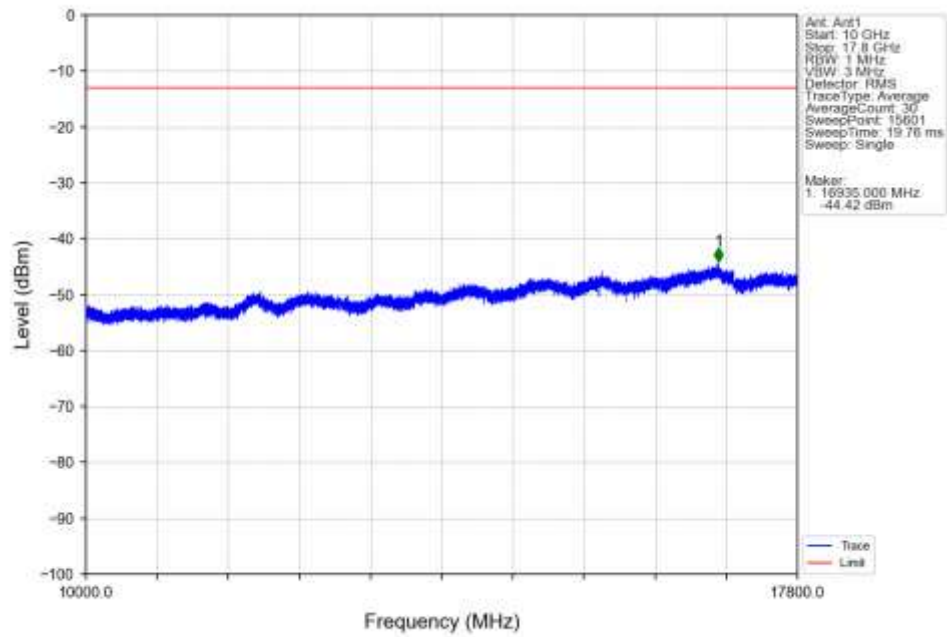
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



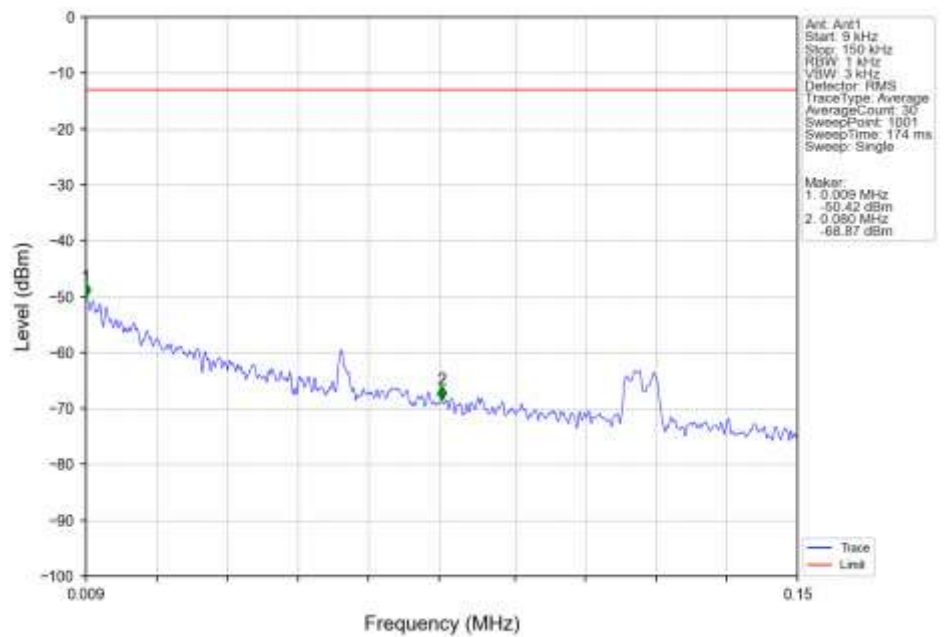
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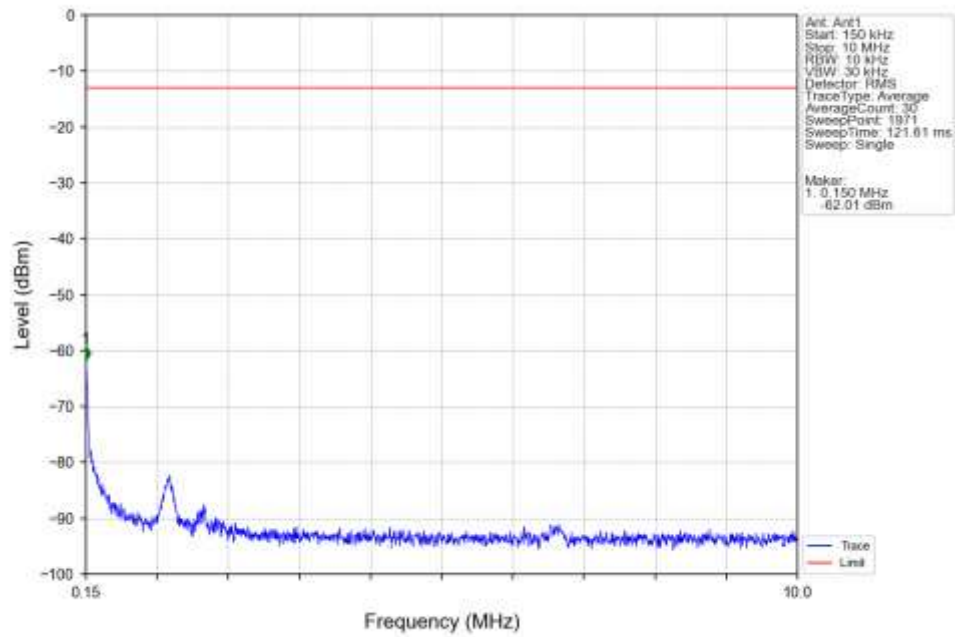
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTV



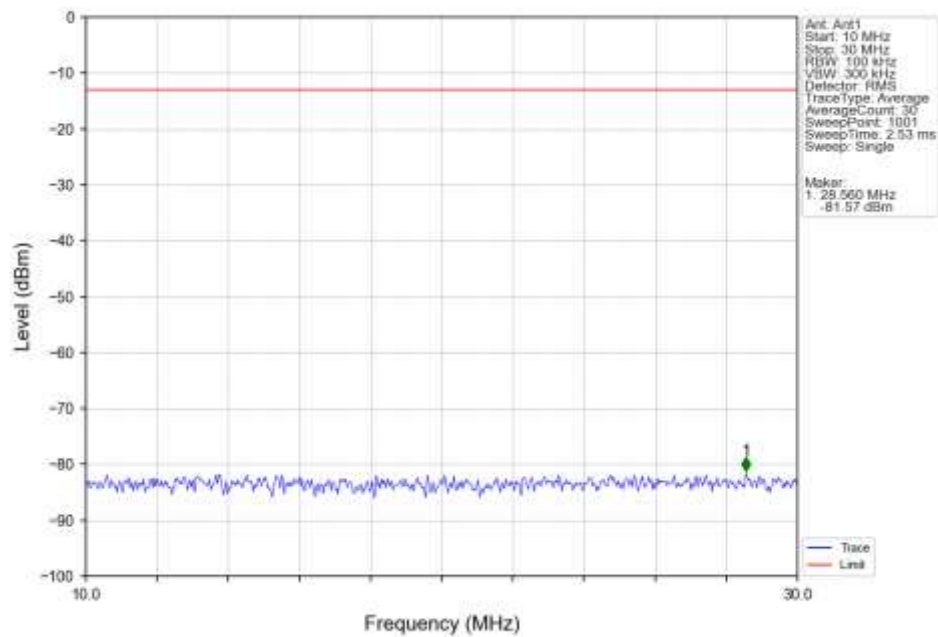
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTV



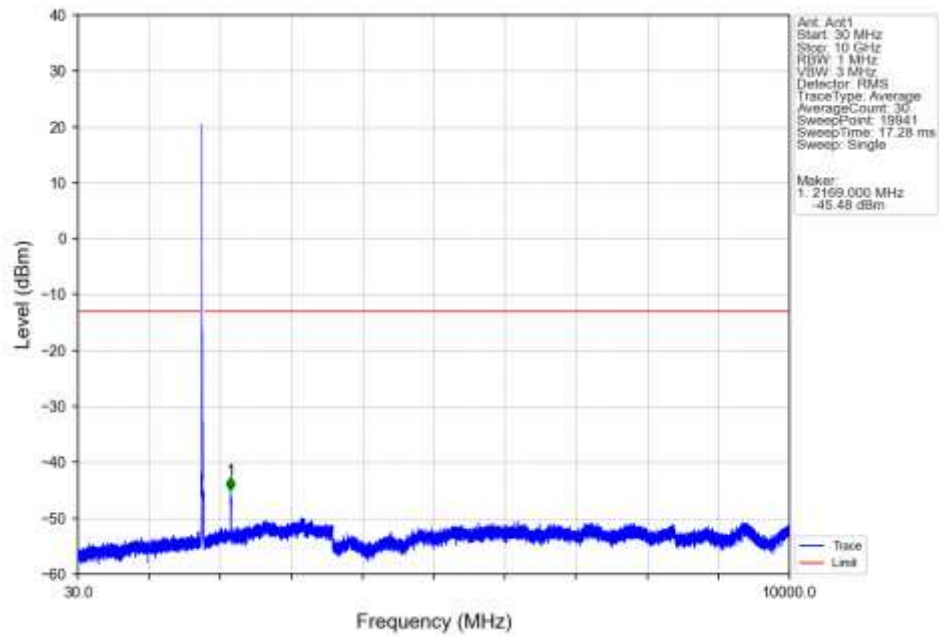
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



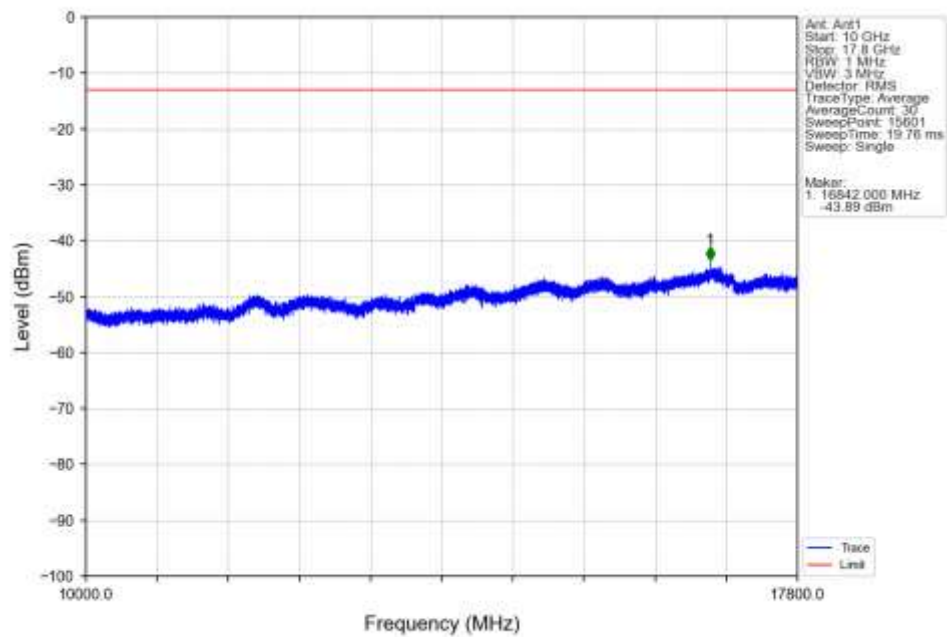
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



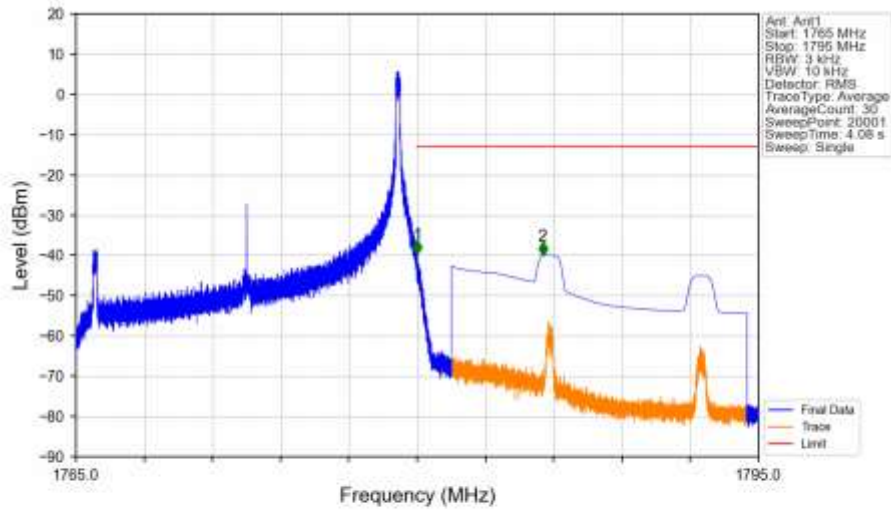
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



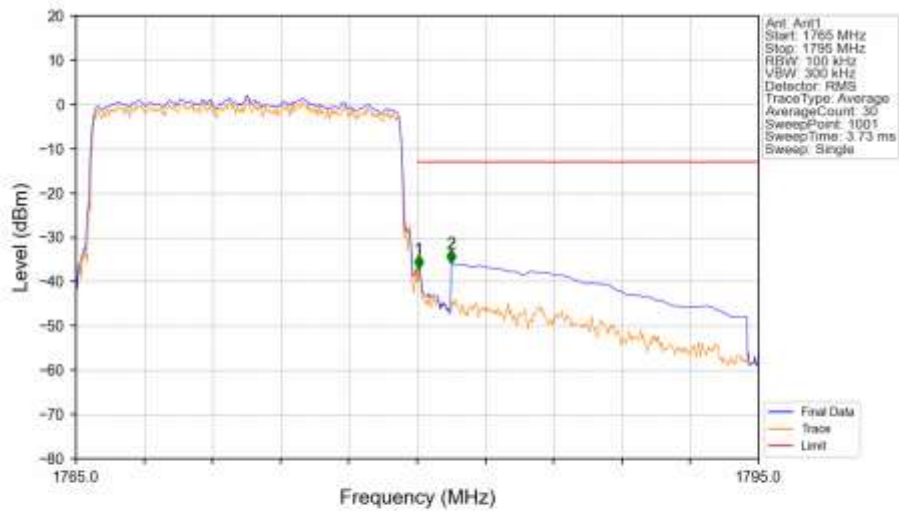
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



Band66 15MHz 16QAM HCH 1772.5MHz RB 1 74 NTNV

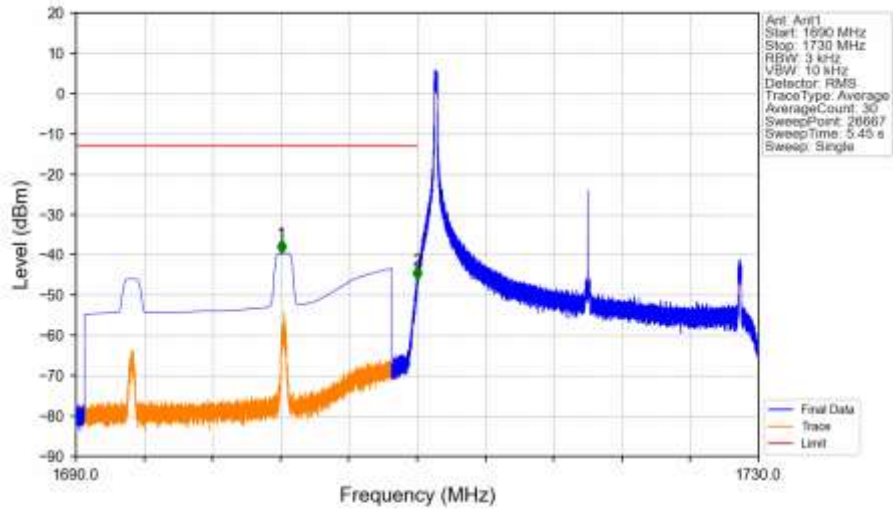


Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV

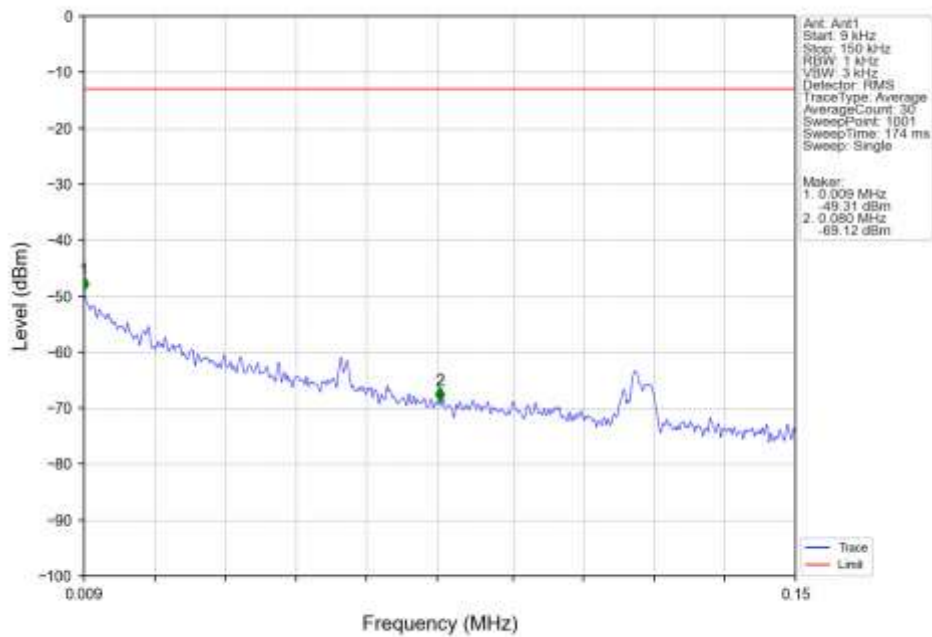


### 6.2.6 B66\_20MHz

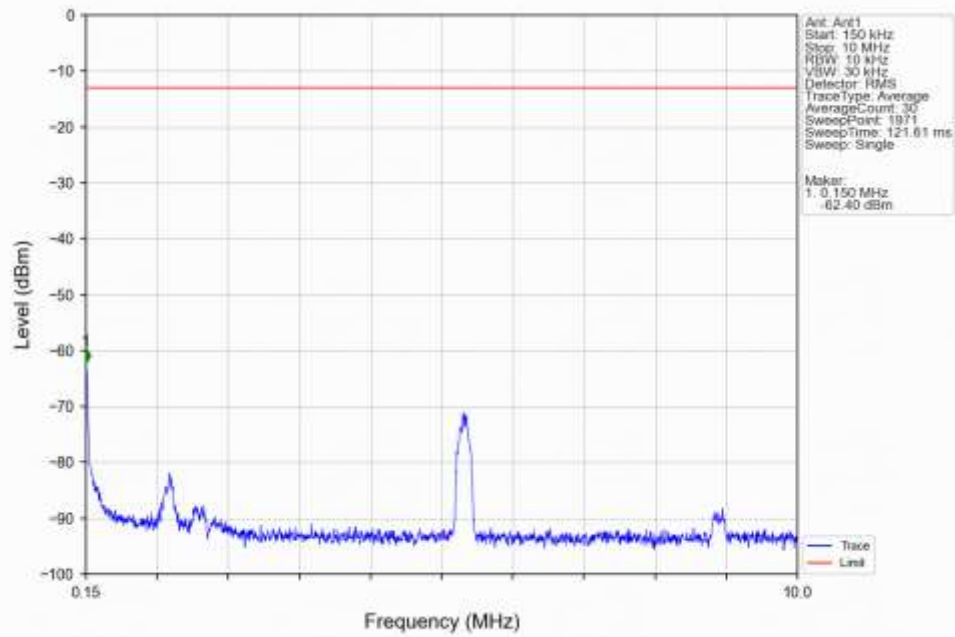
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV



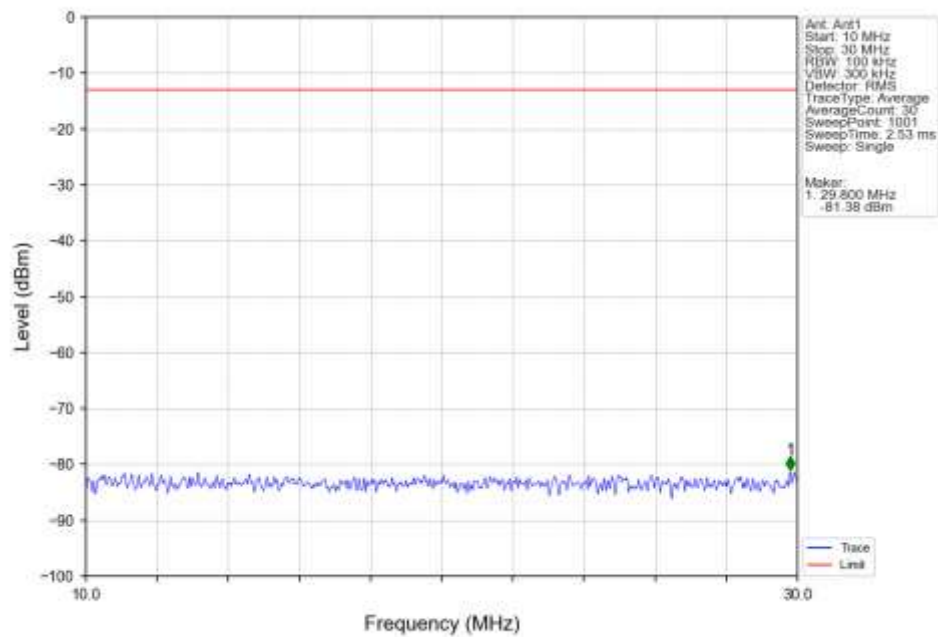
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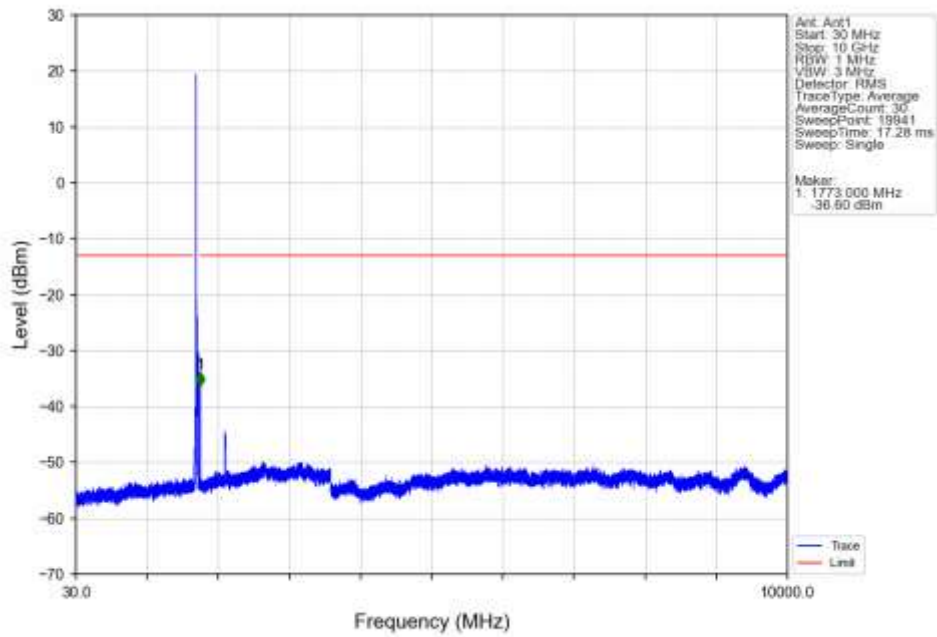
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



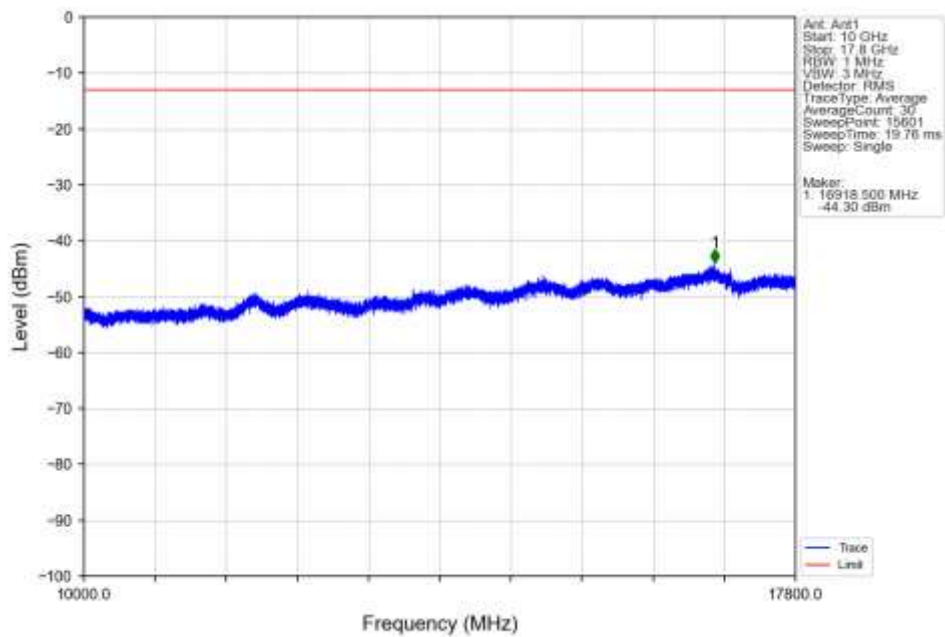
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



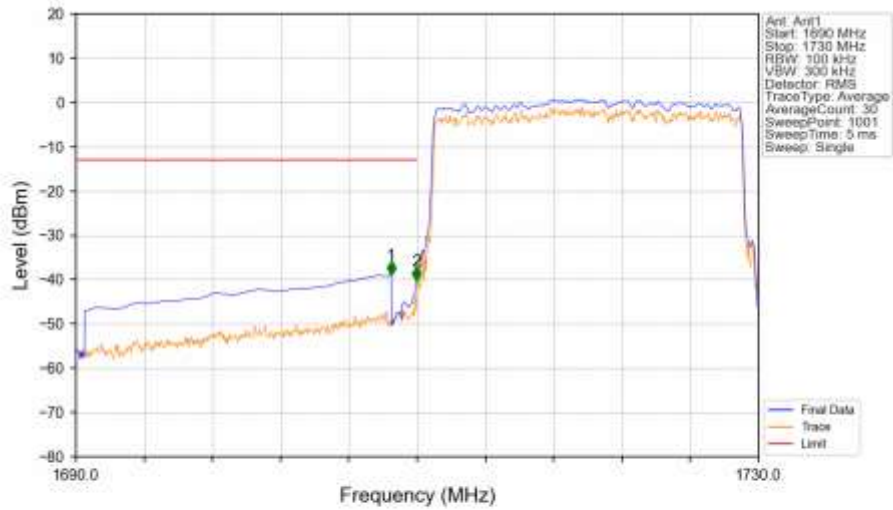
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



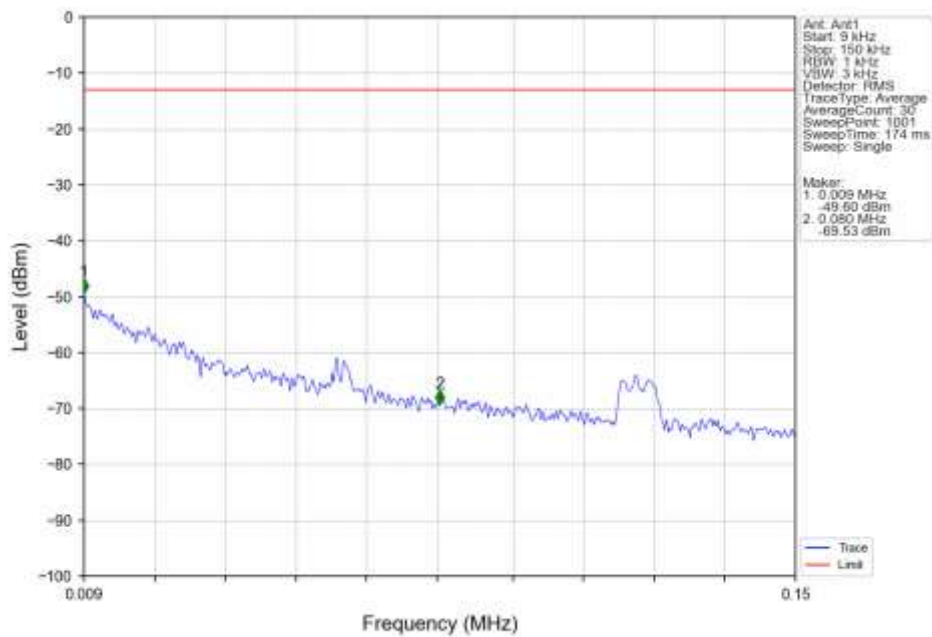
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



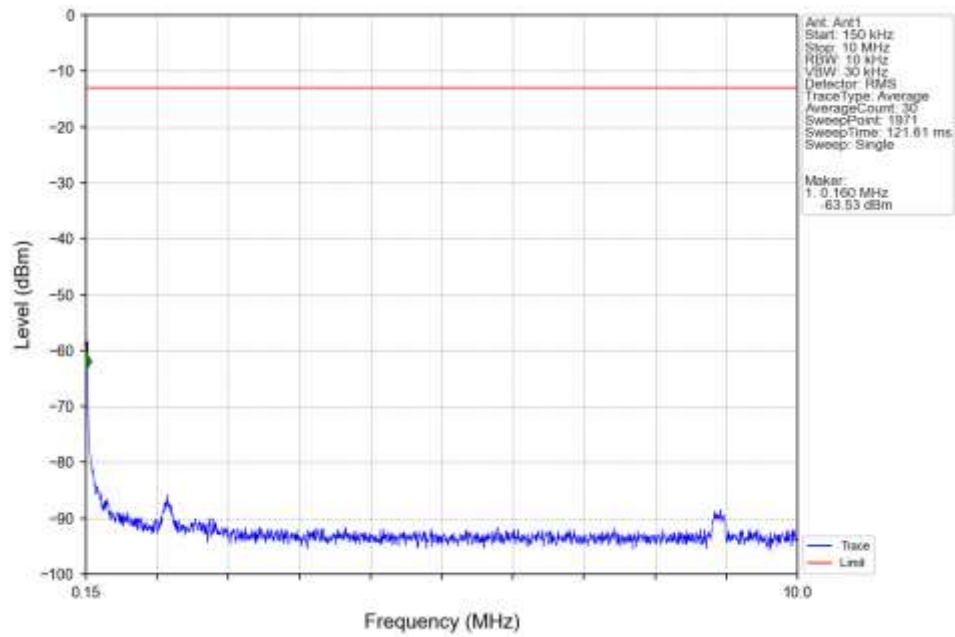
## Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



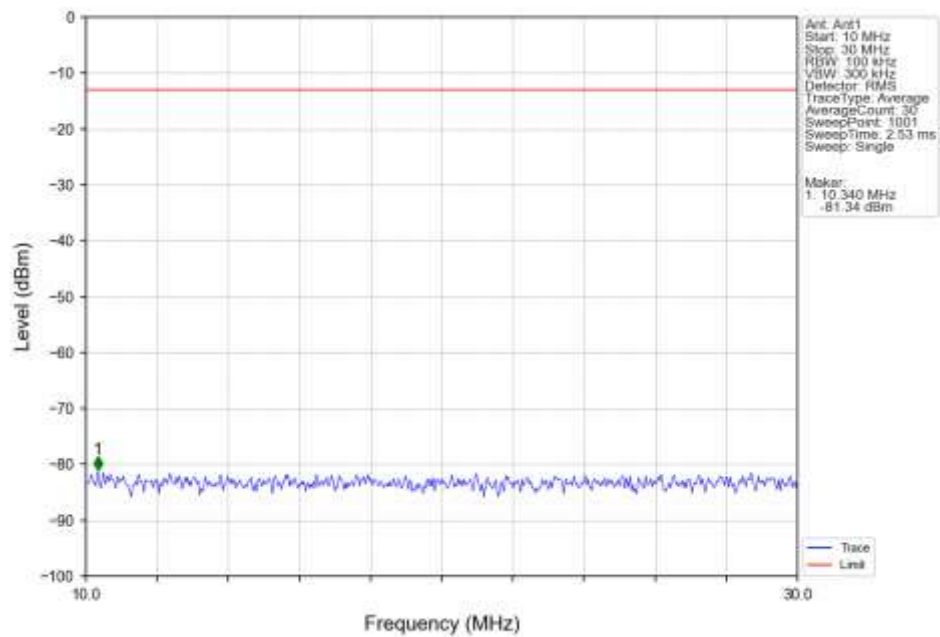
## Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



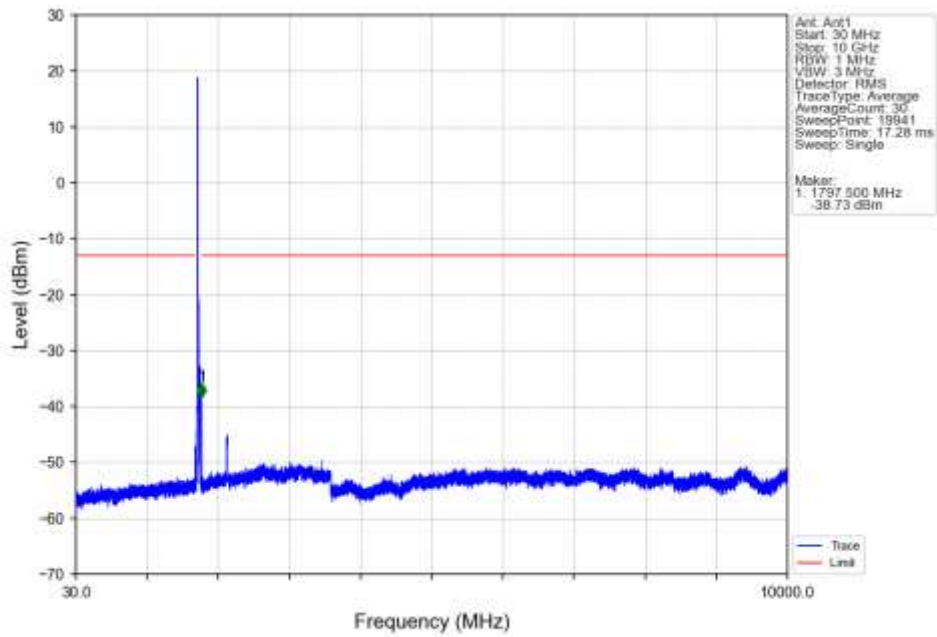
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



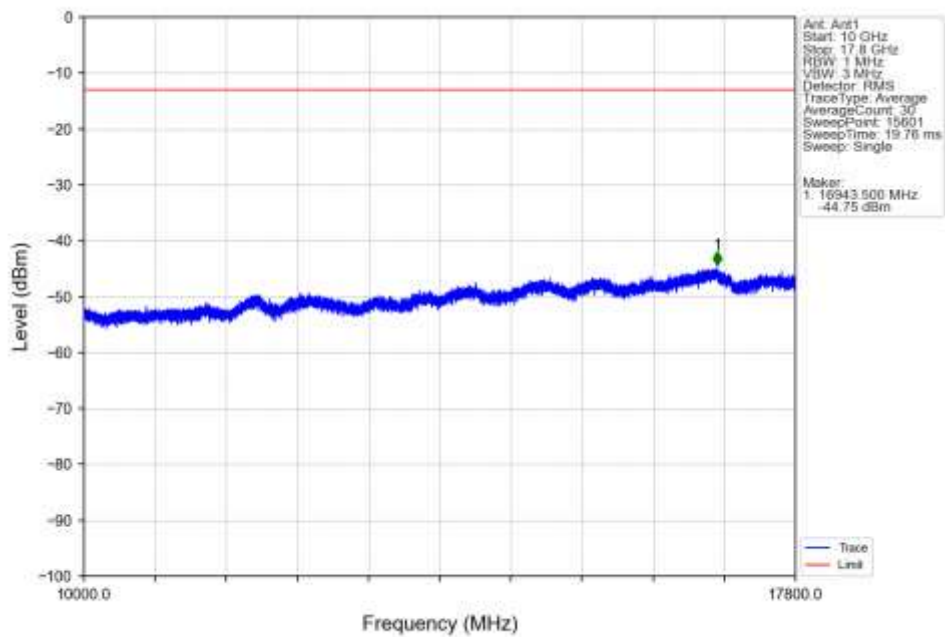
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



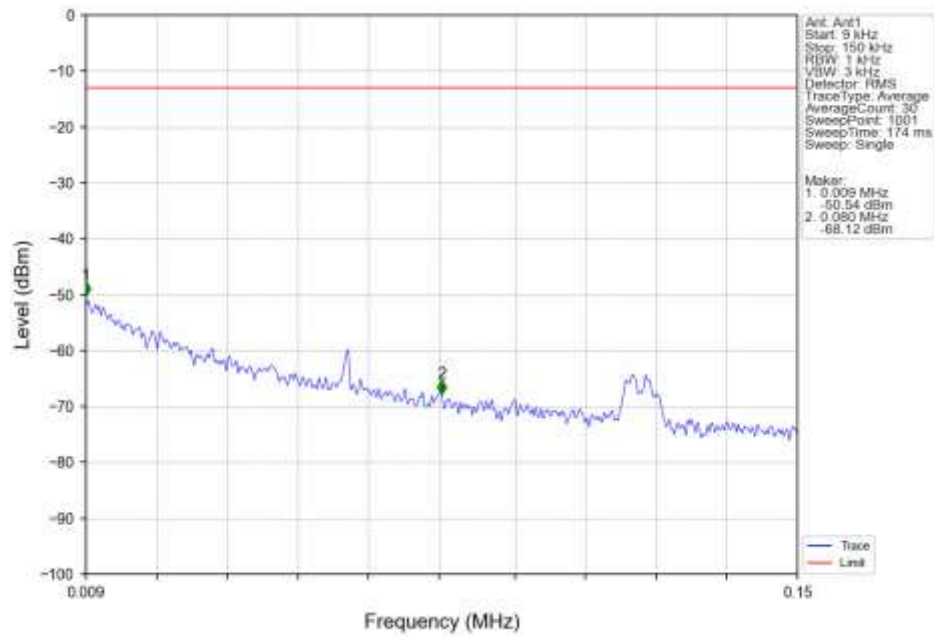
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



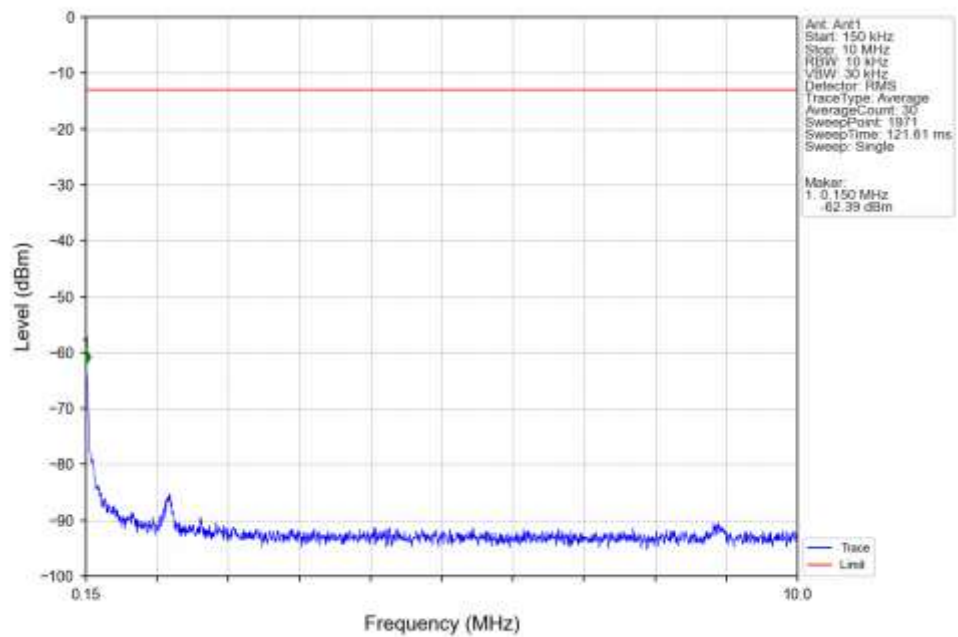
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



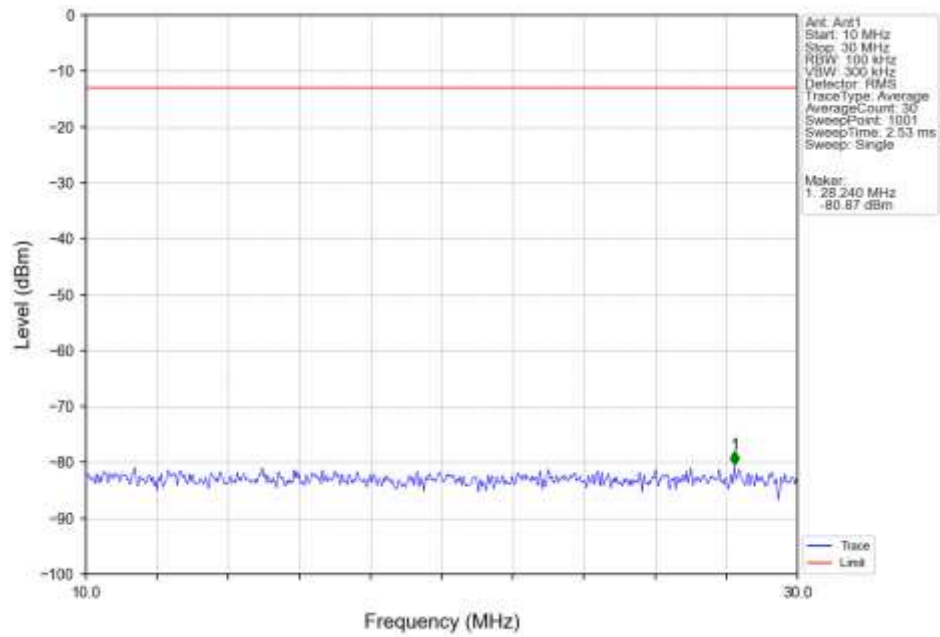
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



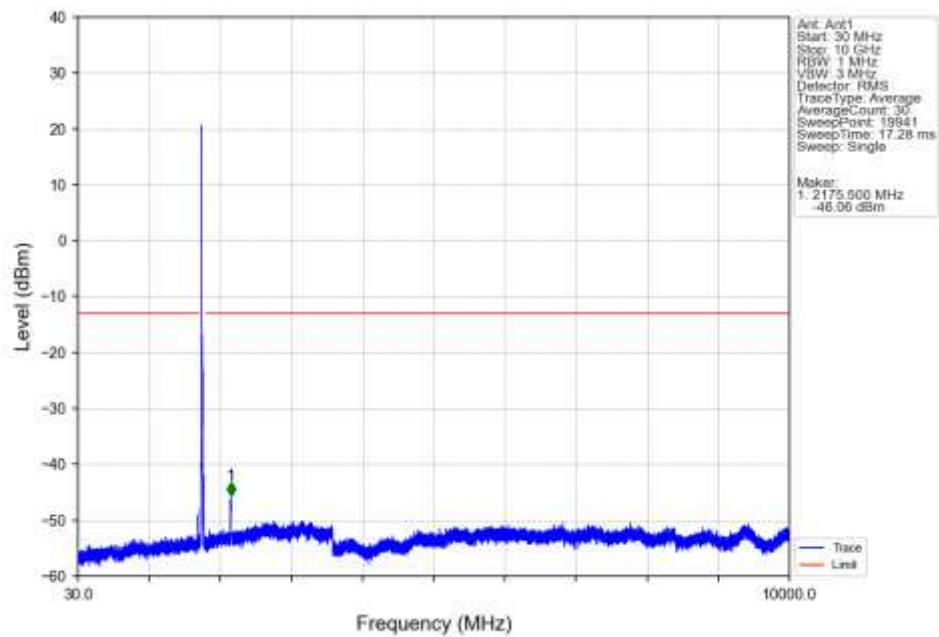
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



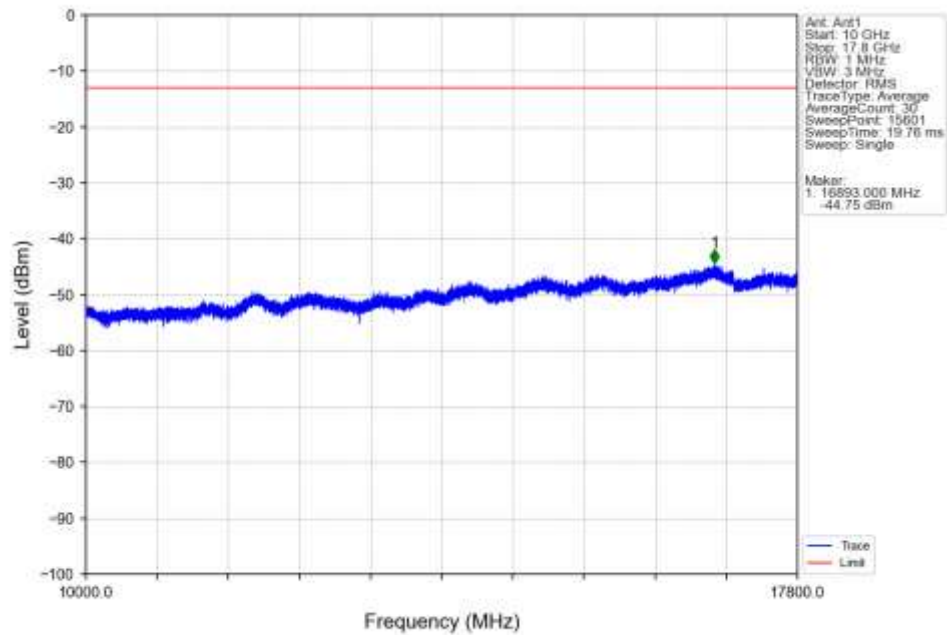
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



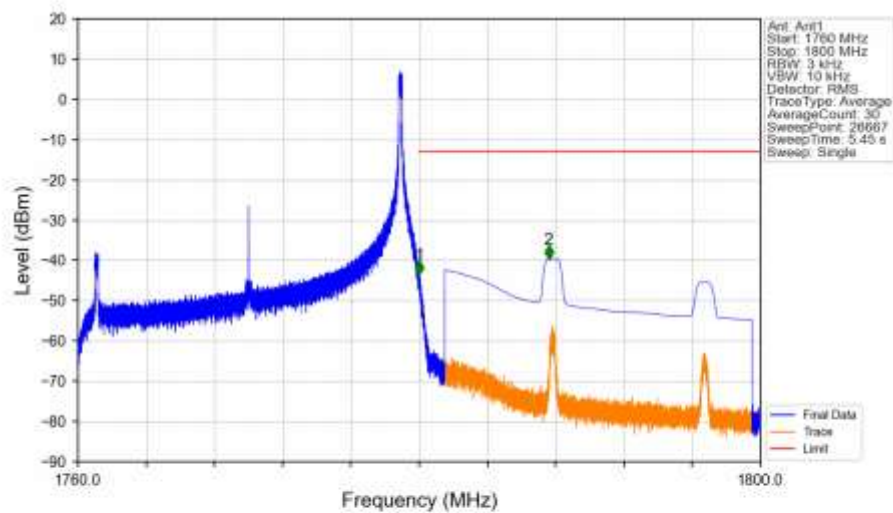
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV

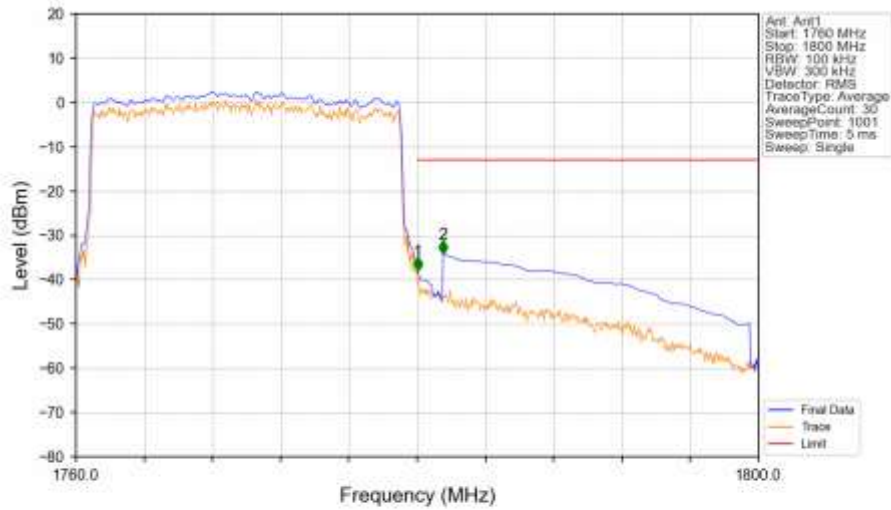


Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV

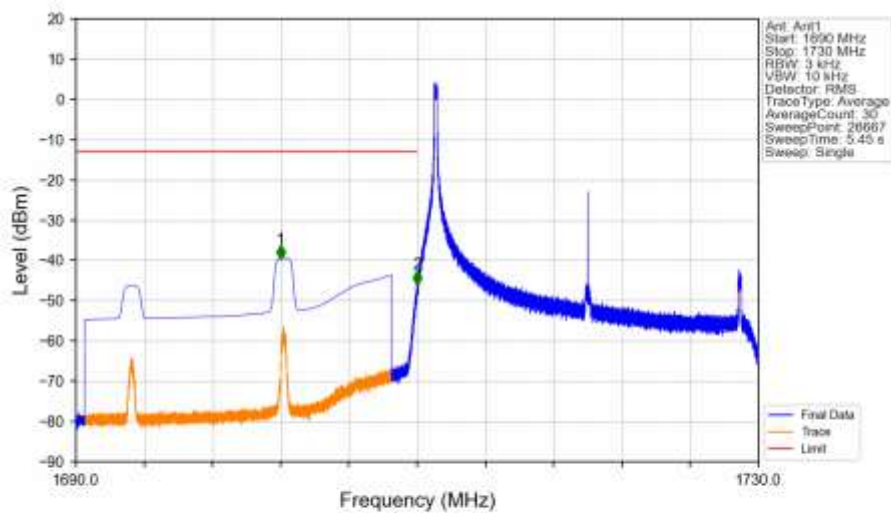


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1760        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.007   | -43.41      | -13         | Pass   |
| 1781        | 1800       | 1         | CHP    | 2          | 1787.592   | -39.65      | -13         | Pass   |

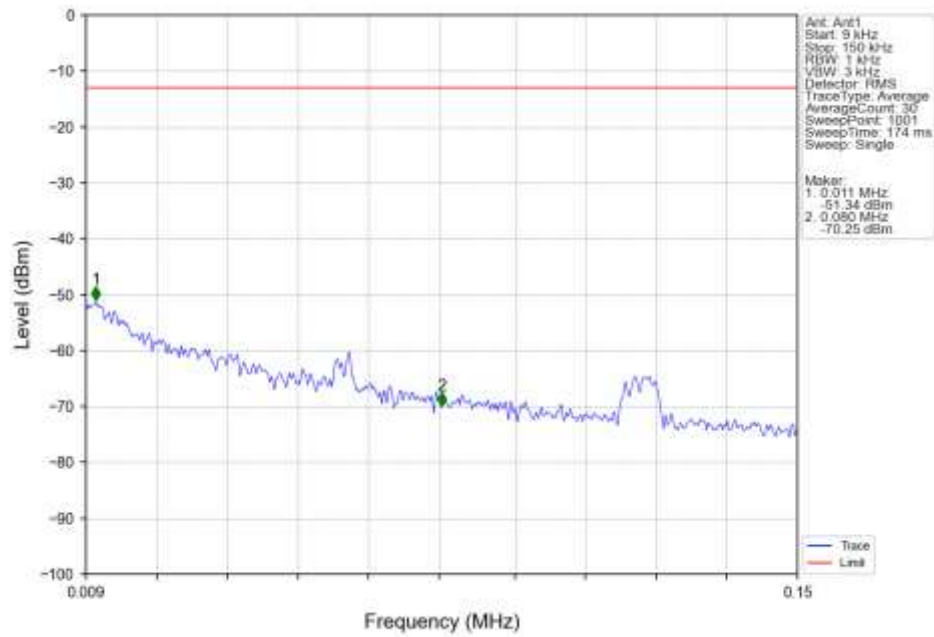
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



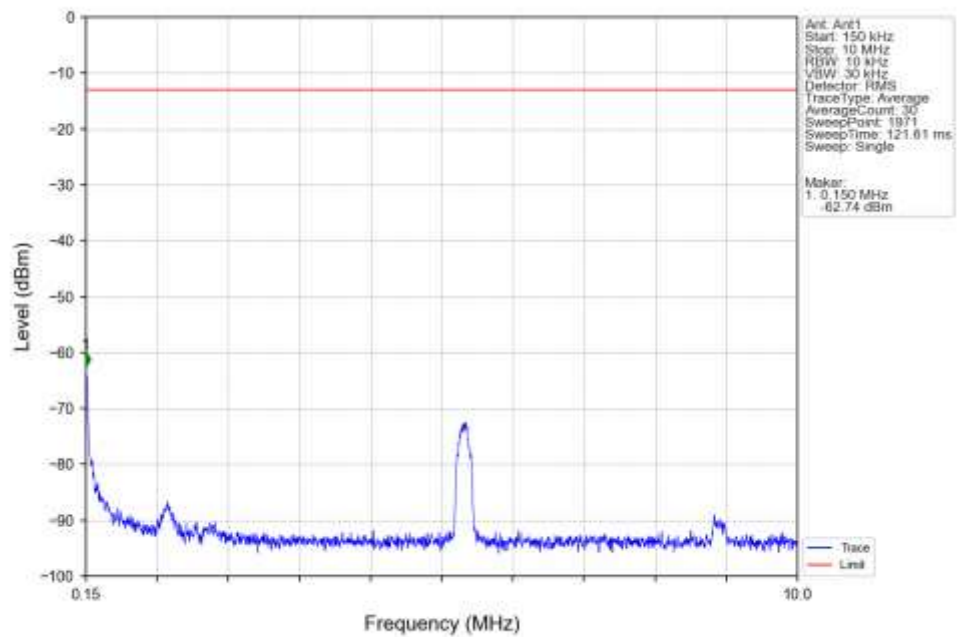
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



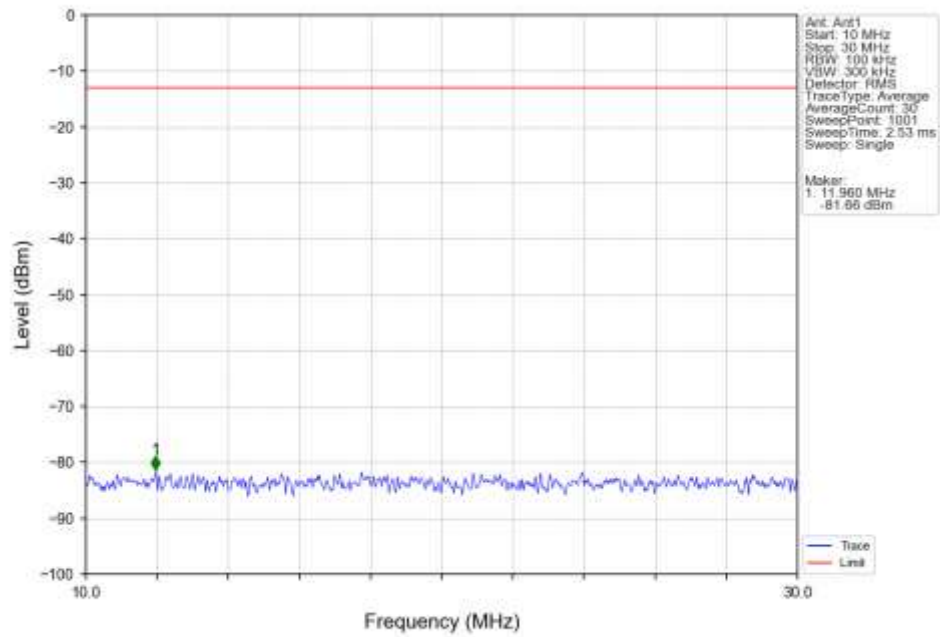
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



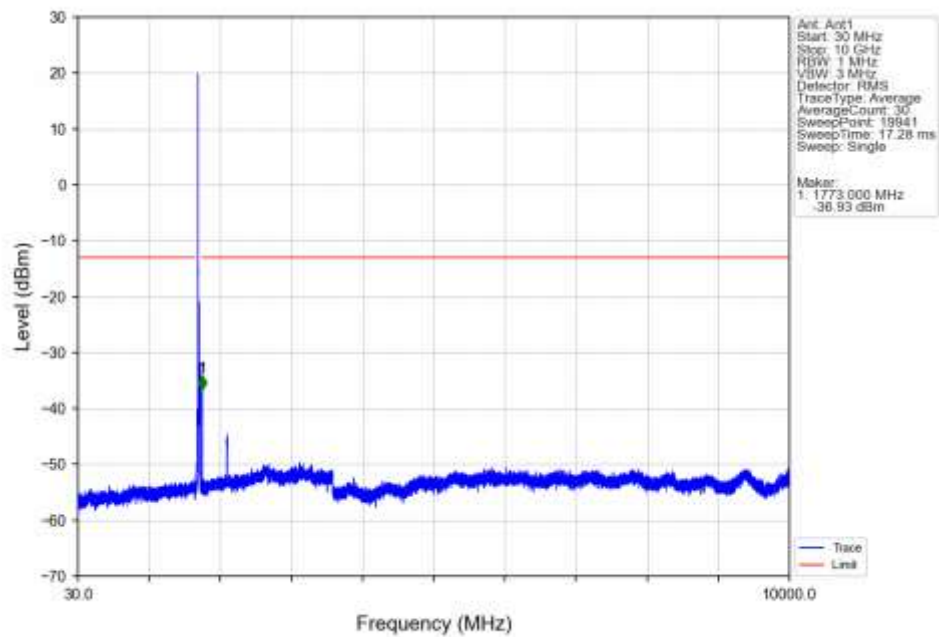
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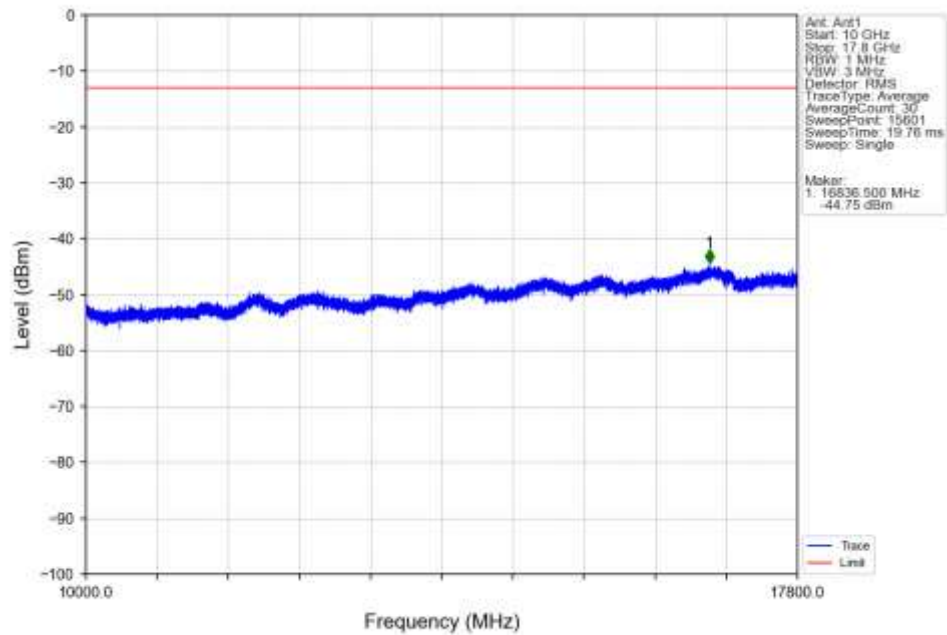
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



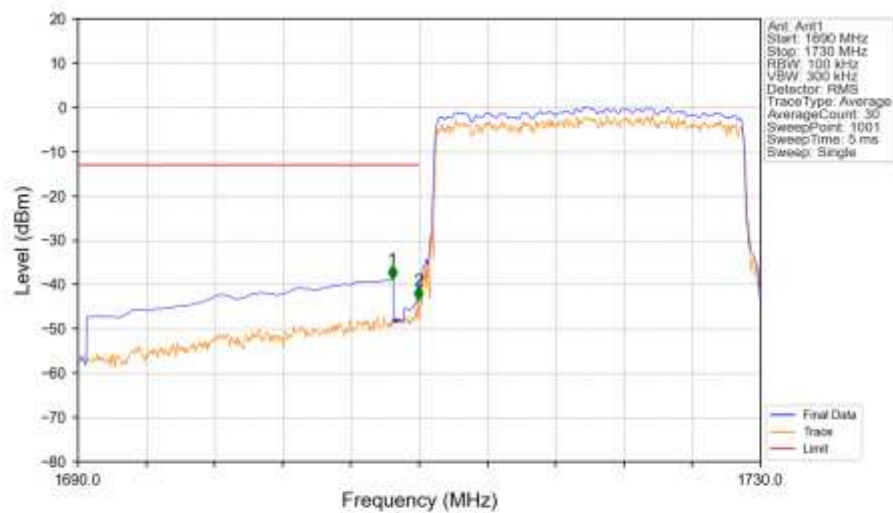
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

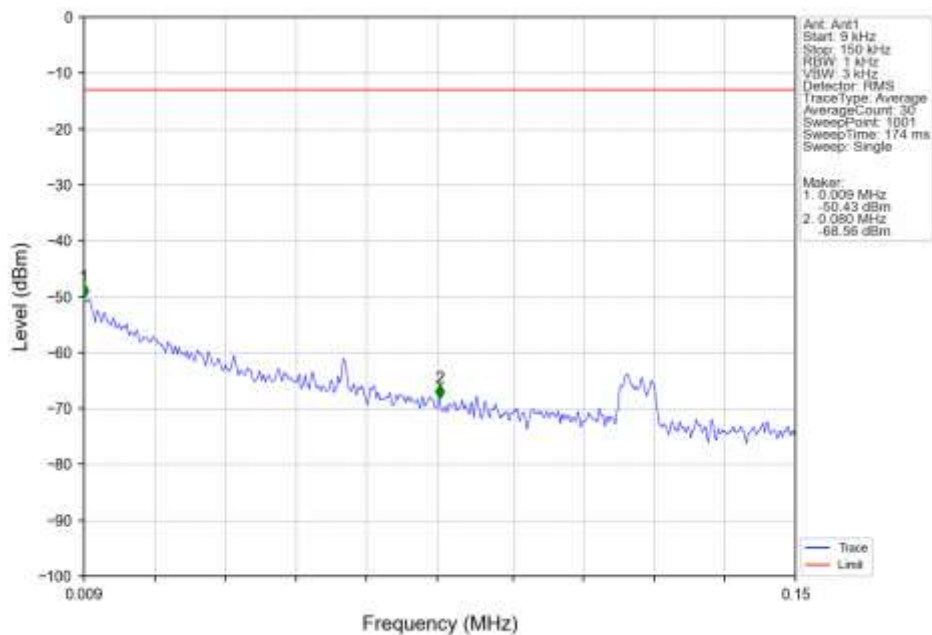


Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

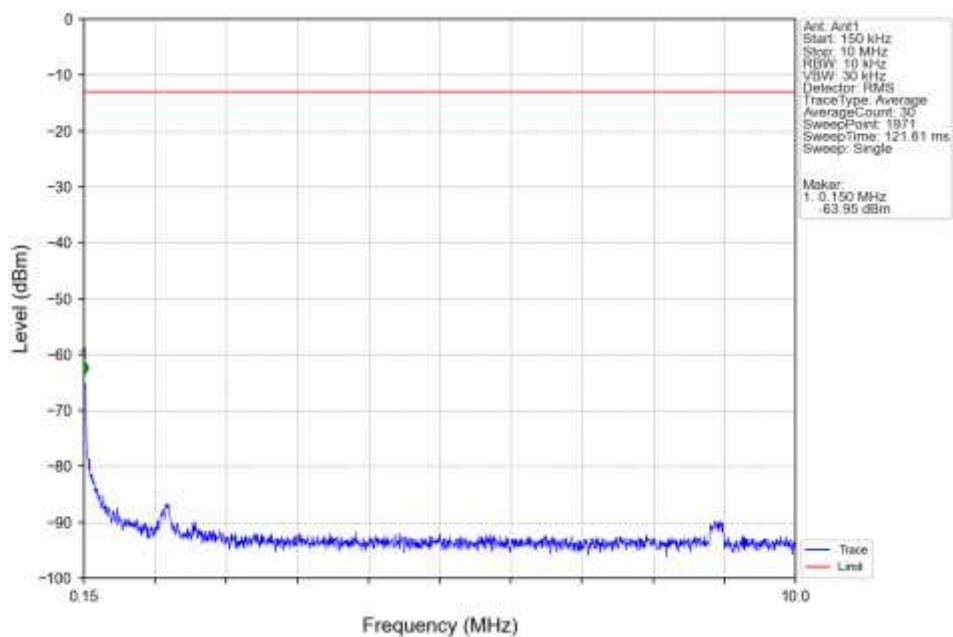


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.440   | -38.76      | -13         | Pass   |
| 1709        | 1710       | 0.2       | CHP    | 2          | 1709.960   | -43.47      | -13         | Pass   |
| 1710        | 1730       | 0.2       | CHP    | /          | /          | /           | /           | /      |

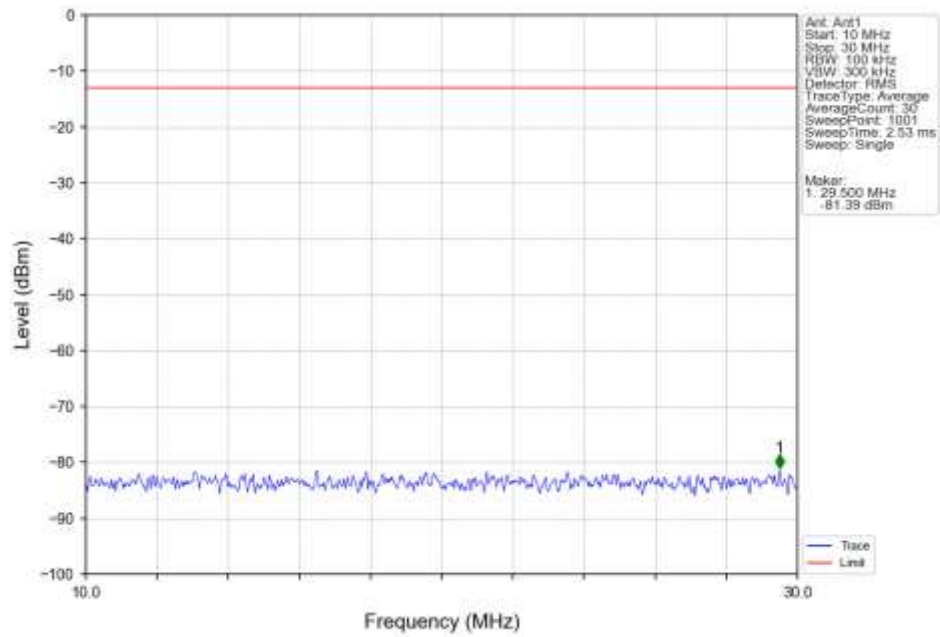
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



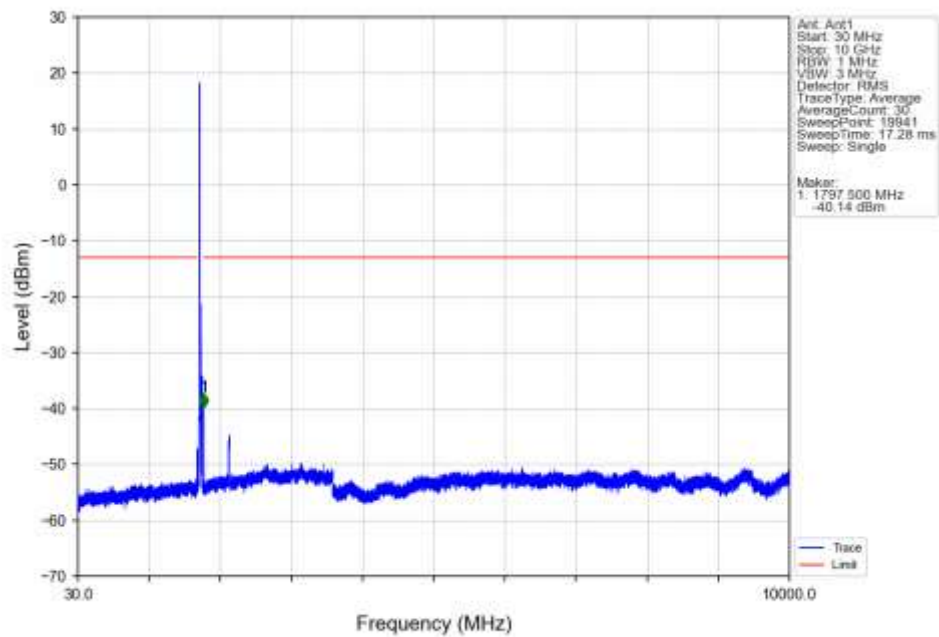
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



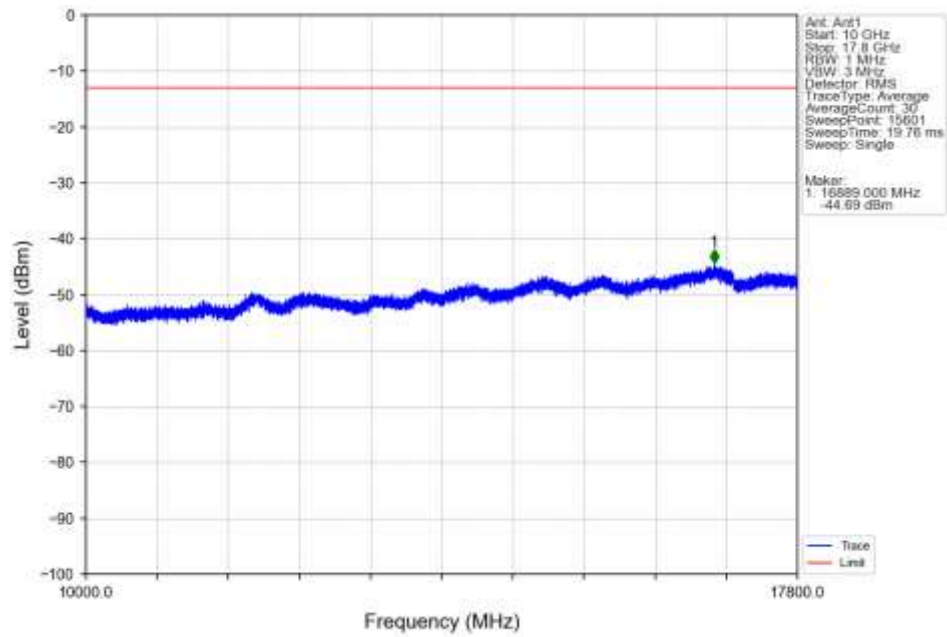
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTV



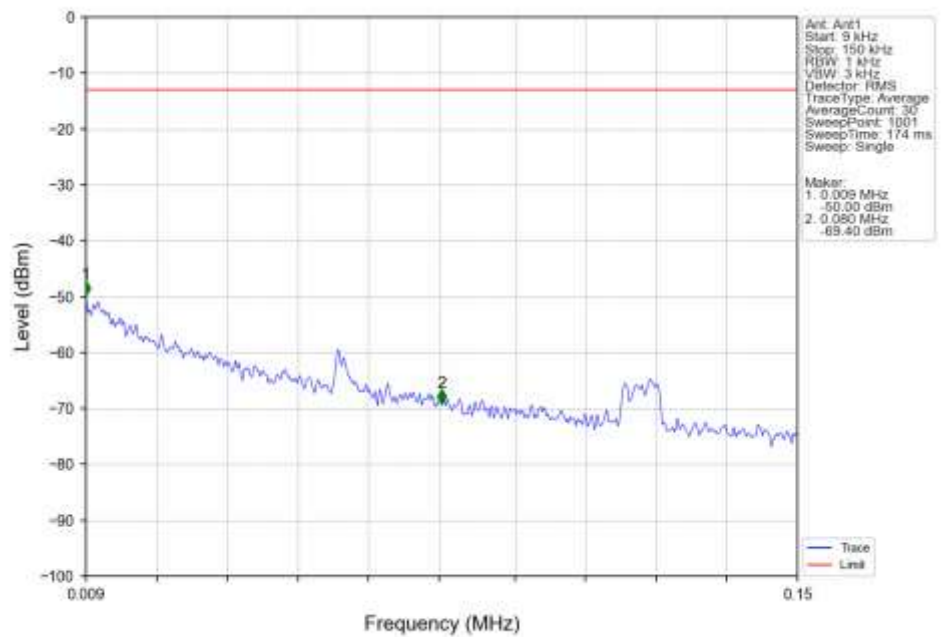
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTV



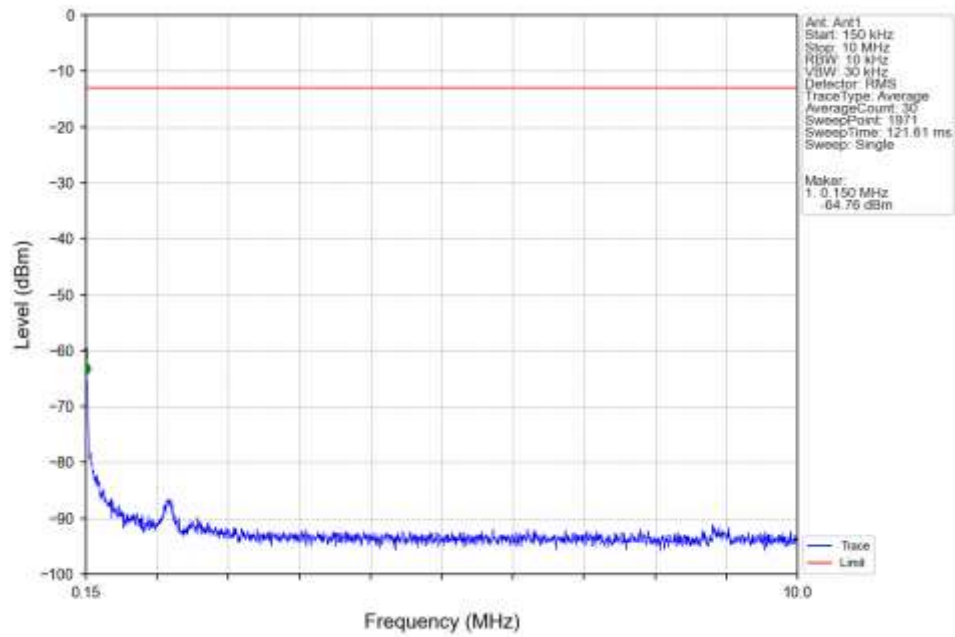
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



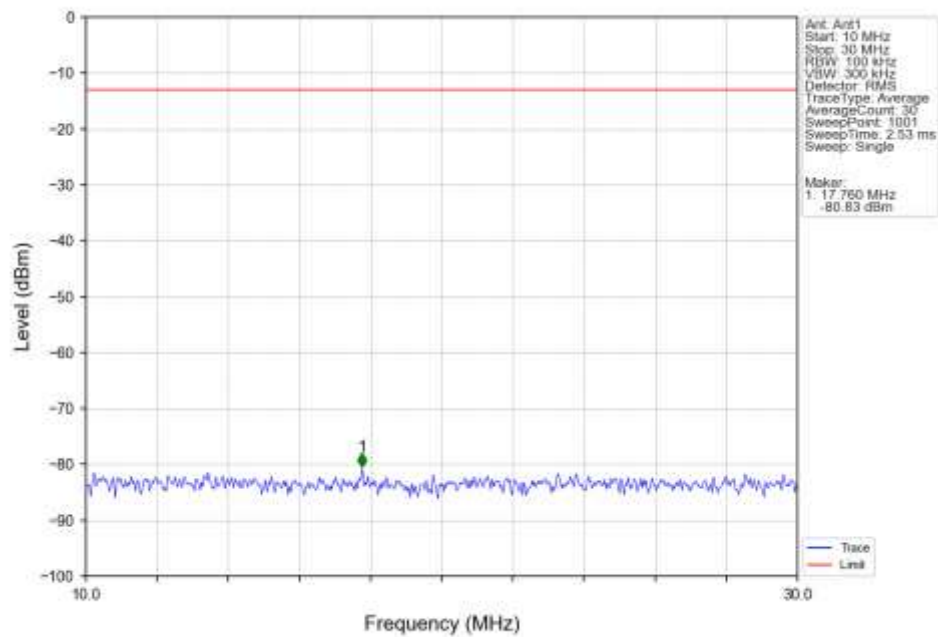
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTNV



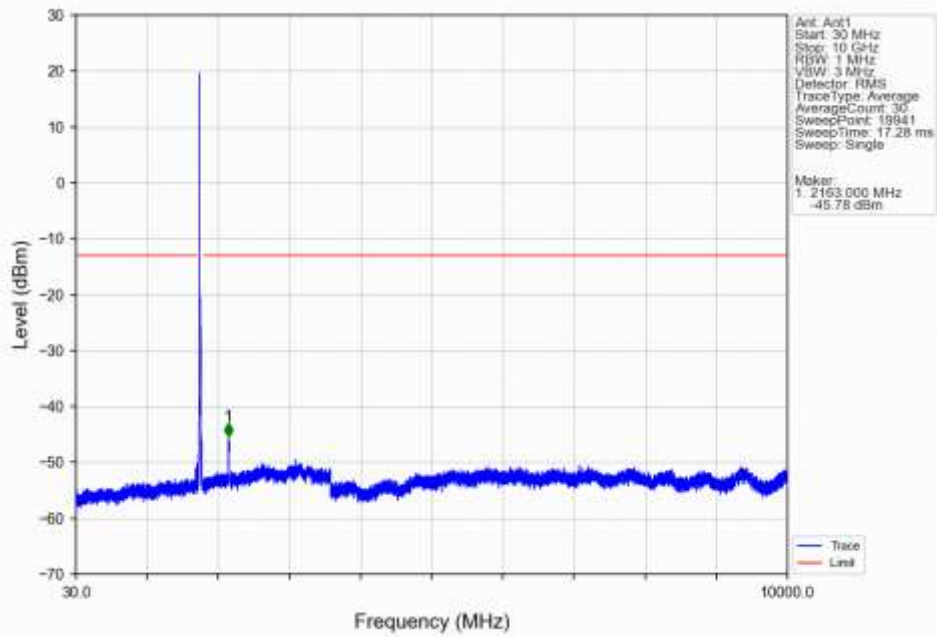
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTV



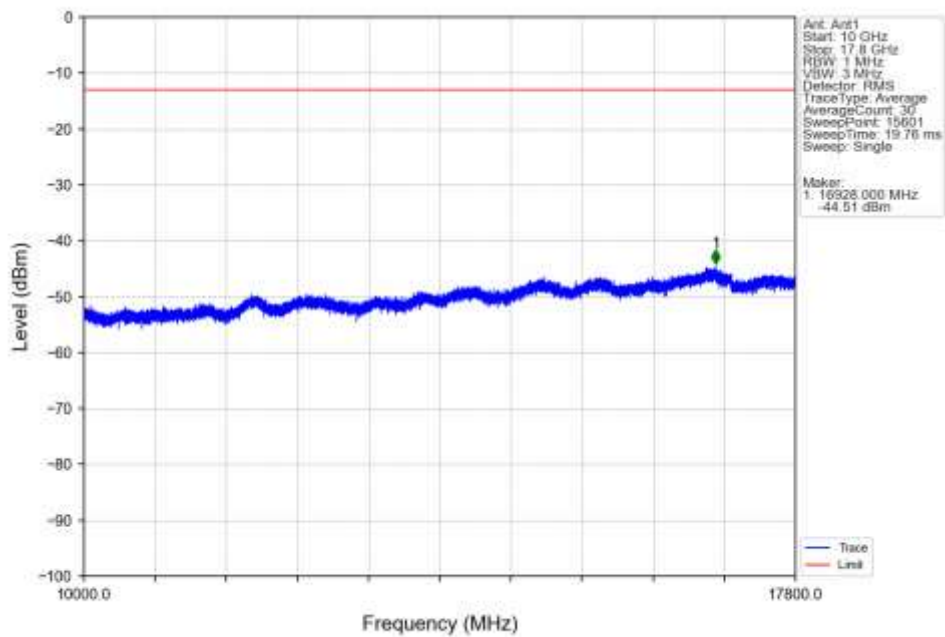
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTV



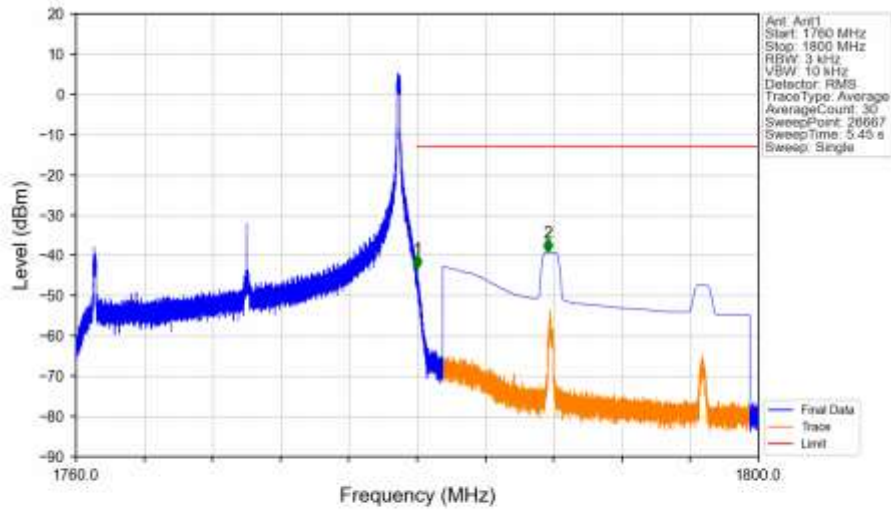
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTV



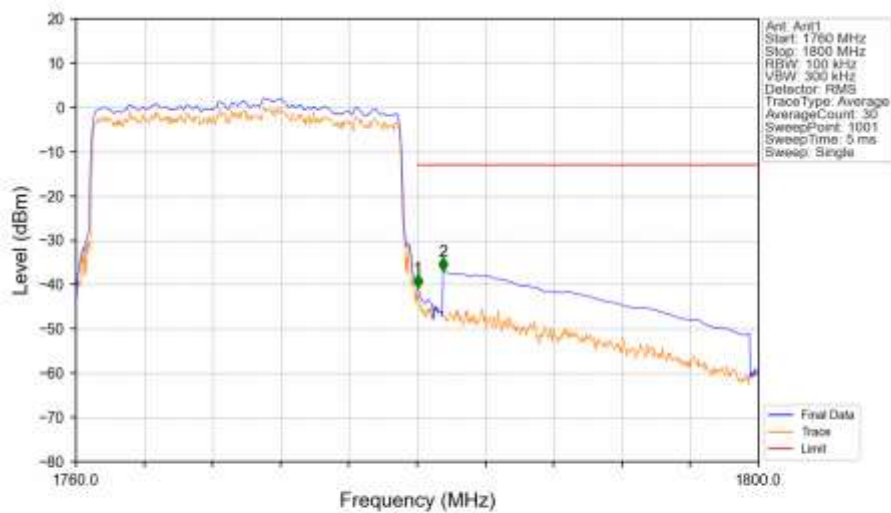
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTV



Band66 20MHz 16QAM HCH 1770MHz RB 1 99 NTNV



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 66   | 1.4 | 1710.7     | 1779.3    | 0.1334        | 0.0015 | ppm    | 1M11G7D             | 27L        | 21.25           |
| 66   | 1.4 | 1710.7     | 1779.3    | 0.1072        | 0.0021 | ppm    | 1M11W7D             | 27L        | 20.30           |
| 66   | 3   | 1711.5     | 1778.5    | 0.1294        | 0.0011 | ppm    | 2M72G7D             | 27L        | 21.12           |
| 66   | 3   | 1711.5     | 1778.5    | 0.1127        | 0.0015 | ppm    | 2M71W7D             | 27L        | 20.52           |
| 66   | 5   | 1712.5     | 1777.5    | 0.1303        | 0.0012 | ppm    | 4M57G7D             | 27L        | 21.15           |
| 66   | 5   | 1712.5     | 1777.5    | 0.1026        | 0.0007 | ppm    | 4M59W7D             | 27L        | 20.11           |
| 66   | 10  | 1715       | 1775      | 0.1303        | 0.0012 | ppm    | 9M08G7D             | 27L        | 21.15           |
| 66   | 10  | 1715       | 1775      | 0.1186        | 0.0013 | ppm    | 9M06W7D             | 27L        | 20.74           |
| 66   | 15  | 1717.5     | 1772.5    | 0.1365        | 0.0013 | ppm    | 13M6G7D             | 27L        | 21.35           |
| 66   | 15  | 1717.5     | 1772.5    | 0.1119        | 0.0013 | ppm    | 13M6W7D             | 27L        | 20.49           |
| 66   | 20  | 1720       | 1770      | 0.0971        | 0.0009 | ppm    | 18M1G7D             | 27L        | 19.87           |
| 66   | 20  | 1720       | 1770      | 0.0964        | 0.0008 | ppm    | 18M1W7D             | 27L        | 19.84           |

#### 7.1.2 Form731\_EIRP

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 66   | 1.4 | 1710.7     | 1779.3    | 0.1714        | 0.0015 | ppm    | 1M11G7D             | 27L        | 22.34           |
| 66   | 1.4 | 1710.7     | 1779.3    | 0.1377        | 0.0021 | ppm    | 1M11W7D             | 27L        | 21.39           |
| 66   | 3   | 1711.5     | 1778.5    | 0.1663        | 0.0011 | ppm    | 2M72G7D             | 27L        | 22.21           |
| 66   | 3   | 1711.5     | 1778.5    | 0.1449        | 0.0015 | ppm    | 2M71W7D             | 27L        | 21.61           |
| 66   | 5   | 1712.5     | 1777.5    | 0.1675        | 0.0012 | ppm    | 4M57G7D             | 27L        | 22.24           |
| 66   | 5   | 1712.5     | 1777.5    | 0.1318        | 0.0007 | ppm    | 4M59W7D             | 27L        | 21.20           |
| 66   | 10  | 1715       | 1775      | 0.1675        | 0.0012 | ppm    | 9M08G7D             | 27L        | 22.24           |
| 66   | 10  | 1715       | 1775      | 0.1524        | 0.0013 | ppm    | 9M06W7D             | 27L        | 21.83           |
| 66   | 15  | 1717.5     | 1772.5    | 0.1754        | 0.0013 | ppm    | 13M6G7D             | 27L        | 22.44           |
| 66   | 15  | 1717.5     | 1772.5    | 0.1439        | 0.0013 | ppm    | 13M6W7D             | 27L        | 21.58           |
| 66   | 20  | 1720       | 1770      | 0.1247        | 0.0009 | ppm    | 18M1G7D             | 27L        | 20.96           |
| 66   | 20  | 1720       | 1770      | 0.1239        | 0.0008 | ppm    | 18M1W7D             | 27L        | 20.93           |