

# 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      | 23.60                 | -4.50      | 19.10      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.58                 | -4.50      | 19.08      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.47                 | -4.50      | 18.97      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.48                 | -4.50      | 18.98      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.51                 | -4.50      | 19.01      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.52                 | -4.50      | 19.02      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.70                 | -4.50      | 18.20      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 23.68                 | -4.50      | 19.18      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.70                 | -4.50      | 19.20      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.65                 | -4.50      | 19.15      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.60                 | -4.50      | 19.10      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.66                 | -4.50      | 19.16      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.61                 | -4.50      | 19.11      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.86                 | -4.50      | 18.36      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 23.35                 | -4.50      | 18.85      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.41                 | -4.50      | 18.91      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.38                 | -4.50      | 18.88      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.34                 | -4.50      | 18.84      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.32                 | -4.50      | 18.82      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.33                 | -4.50      | 18.83      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.52                 | -4.50      | 18.02      | <=30  | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | 22.85                 | -4.50      | 18.35      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.91                 | -4.50      | 18.41      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.77                 | -4.50      | 18.27      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.72                 | -4.50      | 17.22      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 23.06                 | -4.50      | 18.56      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.07                 | -4.50      | 18.57      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.96                 | -4.50      | 18.46      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.03                 | -4.50      | 18.53      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.00                 | -4.50      | 18.50      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.02                 | -4.50      | 18.52      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.95                 | -4.50      | 17.45      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 22.68                 | -4.50      | 18.18      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.71                 | -4.50      | 18.21      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.72                 | -4.50      | 18.22      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.62                 | -4.50      | 18.12      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.59                 | -4.50      | 18.09      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.60                 | -4.50      | 18.10      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.57                 | -4.50      | 17.07      | <=30  | Pass    |
| 64QAM                               | 1710.7          | 1             | 0      | 21.88                 | -4.50      | 17.38      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.97                 | -4.50      | 17.47      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.82                 | -4.50      | 17.32      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.82                 | -4.50      | 17.32      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.76                 | -4.50      | 17.26      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.76                 | -4.50      | 17.26      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.75                 | -4.50      | 16.25      | <=30  | Pass    |

|  |                                          |   |   |       |       |       |      |      |
|--|------------------------------------------|---|---|-------|-------|-------|------|------|
|  | 1745                                     | 1 | 0 | 22.05 | -4.50 | 17.55 | <=30 | Pass |
|  |                                          |   | 2 | 22.19 | -4.50 | 17.69 | <=30 | Pass |
|  |                                          |   | 5 | 22.18 | -4.50 | 17.68 | <=30 | Pass |
|  |                                          | 3 | 0 | 21.99 | -4.50 | 17.49 | <=30 | Pass |
|  |                                          |   | 2 | 22.00 | -4.50 | 17.50 | <=30 | Pass |
|  |                                          |   | 3 | 22.03 | -4.50 | 17.53 | <=30 | Pass |
|  |                                          | 6 | 0 | 20.91 | -4.50 | 16.41 | <=30 | Pass |
|  | 1779.3                                   | 1 | 0 | 21.72 | -4.50 | 17.22 | <=30 | Pass |
|  |                                          |   | 2 | 21.68 | -4.50 | 17.18 | <=30 | Pass |
|  |                                          |   | 5 | 21.59 | -4.50 | 17.09 | <=30 | Pass |
|  |                                          | 3 | 0 | 21.63 | -4.50 | 17.13 | <=30 | Pass |
|  |                                          |   | 2 | 21.64 | -4.50 | 17.14 | <=30 | Pass |
|  |                                          |   | 3 | 21.66 | -4.50 | 17.16 | <=30 | Pass |
|  |                                          | 6 | 0 | 20.60 | -4.50 | 16.10 | <=30 | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |   |   |       |       |       |      |      |

### 1.1.2 B66\_3MHz\_EIRP

| Band: 66 / Bandwidth: 3MHz / NTV |                 |               |        |                       |            |            |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                             | 1711.5          | 1             | 0      | 23.47                 | -4.50      | 18.97      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.52                 | -4.50      | 19.02      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.40                 | -4.50      | 18.90      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.72                 | -4.50      | 18.22      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.74                 | -4.50      | 18.24      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.74                 | -4.50      | 18.24      | <=30  | Pass    |
|                                  | 1745            | 1             | 0      | 23.67                 | -4.50      | 19.17      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.82                 | -4.50      | 19.32      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.67                 | -4.50      | 19.17      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.83                 | -4.50      | 18.33      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.93                 | -4.50      | 18.43      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.90                 | -4.50      | 18.40      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.83                 | -4.50      | 18.33      | <=30  | Pass    |
|                                  | 1778.5          | 1             | 0      | 23.40                 | -4.50      | 18.90      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.47                 | -4.50      | 18.97      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.32                 | -4.50      | 18.82      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.62                 | -4.50      | 18.12      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.60                 | -4.50      | 18.10      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.57                 | -4.50      | 18.07      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.60                 | -4.50      | 18.10      | <=30  | Pass    |
| 16QAM                            | 1711.5          | 1             | 0      | 22.80                 | -4.50      | 18.30      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.86                 | -4.50      | 18.36      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.81                 | -4.50      | 18.31      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.76                 | -4.50      | 17.26      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.79                 | -4.50      | 17.29      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.78                 | -4.50      | 17.28      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.74                 | -4.50      | 17.24      | <=30  | Pass    |
|                                  | 1745            | 1             | 0      | 23.04                 | -4.50      | 18.54      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.11                 | -4.50      | 18.61      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.02                 | -4.50      | 18.52      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.86                 | -4.50      | 17.36      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.99                 | -4.50      | 17.49      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.95                 | -4.50      | 17.45      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.89                 | -4.50      | 17.39      | <=30  | Pass    |
|                                  | 1778.5          | 1             | 0      | 22.71                 | -4.50      | 18.21      | <=30  | Pass    |

|       |                                          |        |        |       |       |       |       |       |      |      |
|-------|------------------------------------------|--------|--------|-------|-------|-------|-------|-------|------|------|
|       |                                          |        | 7      | 22.70 | -4.50 | 18.20 | <=30  | Pass  |      |      |
|       |                                          |        | 14     | 22.64 | -4.50 | 18.14 | <=30  | Pass  |      |      |
|       |                                          |        | 8      | 0     | 21.64 | -4.50 | 17.14 | <=30  | Pass |      |
|       |                                          | 4      |        | 21.65 | -4.50 | 17.15 | <=30  | Pass  |      |      |
|       |                                          | 7      |        | 21.70 | -4.50 | 17.20 | <=30  | Pass  |      |      |
|       |                                          | 15     | 0      | 21.64 | -4.50 | 17.14 | <=30  | Pass  |      |      |
|       |                                          |        | 1711.5 | 1     | 0     | 21.89 | -4.50 | 17.39 | <=30 | Pass |
|       |                                          |        |        |       | 7     | 21.87 | -4.50 | 17.37 | <=30 | Pass |
|       |                                          | 14     |        |       | 21.78 | -4.50 | 17.28 | <=30  | Pass |      |
| 8     | 0                                        | 20.77  |        | -4.50 | 16.27 | <=30  | Pass  |       |      |      |
|       | 4                                        | 20.75  |        | -4.50 | 16.25 | <=30  | Pass  |       |      |      |
|       | 7                                        | 20.73  |        | -4.50 | 16.23 | <=30  | Pass  |       |      |      |
| 15    | 0                                        | 20.75  | -4.50  | 16.25 | <=30  | Pass  |       |       |      |      |
| 64QAM | 1745                                     | 1      | 0      | 22.07 | -4.50 | 17.57 | <=30  | Pass  |      |      |
|       |                                          |        | 7      | 22.21 | -4.50 | 17.71 | <=30  | Pass  |      |      |
|       |                                          |        | 14     | 22.06 | -4.50 | 17.56 | <=30  | Pass  |      |      |
|       |                                          | 8      | 0      | 20.89 | -4.50 | 16.39 | <=30  | Pass  |      |      |
|       |                                          |        | 4      | 21.02 | -4.50 | 16.52 | <=30  | Pass  |      |      |
|       |                                          |        | 7      | 20.91 | -4.50 | 16.41 | <=30  | Pass  |      |      |
|       |                                          | 15     | 0      | 20.87 | -4.50 | 16.37 | <=30  | Pass  |      |      |
|       |                                          | 1778.5 | 1      | 0     | 21.81 | -4.50 | 17.31 | <=30  | Pass |      |
|       |                                          |        |        | 7     | 21.86 | -4.50 | 17.36 | <=30  | Pass |      |
|       | 14                                       |        |        | 21.78 | -4.50 | 17.28 | <=30  | Pass  |      |      |
|       | 8                                        |        | 0      | 20.62 | -4.50 | 16.12 | <=30  | Pass  |      |      |
|       |                                          |        | 4      | 20.76 | -4.50 | 16.26 | <=30  | Pass  |      |      |
|       |                                          |        | 7      | 20.58 | -4.50 | 16.08 | <=30  | Pass  |      |      |
|       | 15                                       |        | 0      | 20.61 | -4.50 | 16.11 | <=30  | Pass  |      |      |
|       | Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |       |      |      |

### 1.1.3 B66\_5MHz\_EIRP

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1712.5          | 1             | 0      | 23.55                 | -4.50      | 19.05      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.60                 | -4.50      | 19.10      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.44                 | -4.50      | 18.94      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.73                 | -4.50      | 18.23      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.73                 | -4.50      | 18.23      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.73                 | -4.50      | 18.23      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.71                 | -4.50      | 19.21      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.82                 | -4.50      | 19.32      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.65                 | -4.50      | 19.15      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.87                 | -4.50      | 18.37      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.90                 | -4.50      | 18.40      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.93                 | -4.50      | 18.43      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.87                 | -4.50      | 18.37      | <=30  | Pass    |
|                                   | 1777.5          | 1             | 0      | 23.42                 | -4.50      | 18.92      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.48                 | -4.50      | 18.98      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.33                 | -4.50      | 18.83      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.61                 | -4.50      | 18.11      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.68                 | -4.50      | 18.18      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.59                 | -4.50      | 18.09      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.60                 | -4.50      | 18.10      | <=30  | Pass    |
| 16QAM                             | 1712.5          | 1             | 0      | 22.69                 | -4.50      | 18.19      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.86                 | -4.50      | 18.36      | <=30  | Pass    |

|  |        |      |    |       |       |       |       |      |      |
|--|--------|------|----|-------|-------|-------|-------|------|------|
|  |        |      |    | 24    | 22.71 | -4.50 | 18.21 | <=30 | Pass |
|  |        |      | 12 | 0     | 21.79 | -4.50 | 17.29 | <=30 | Pass |
|  |        |      |    | 6     | 21.78 | -4.50 | 17.28 | <=30 | Pass |
|  |        |      |    | 13    | 21.73 | -4.50 | 17.23 | <=30 | Pass |
|  |        | 25   | 0  | 21.74 | -4.50 | 17.24 | <=30  | Pass |      |
|  |        | 1745 | 1  | 0     | 23.03 | -4.50 | 18.53 | <=30 | Pass |
|  |        |      |    | 13    | 23.13 | -4.50 | 18.63 | <=30 | Pass |
|  |        |      |    | 24    | 23.00 | -4.50 | 18.50 | <=30 | Pass |
|  | 12     |      | 0  | 21.93 | -4.50 | 17.43 | <=30  | Pass |      |
|  |        |      | 6  | 21.80 | -4.50 | 17.30 | <=30  | Pass |      |
|  |        |      | 13 | 22.02 | -4.50 | 17.52 | <=30  | Pass |      |
|  | 25     |      | 0  | 21.87 | -4.50 | 17.37 | <=30  | Pass |      |
|  | 1777.5 |      | 1  | 0     | 22.76 | -4.50 | 18.26 | <=30 | Pass |
|  |        | 13   |    | 22.85 | -4.50 | 18.35 | <=30  | Pass |      |
|  |        | 24   |    | 22.74 | -4.50 | 18.24 | <=30  | Pass |      |
|  |        | 12   | 0  | 21.59 | -4.50 | 17.09 | <=30  | Pass |      |
|  |        |      | 6  | 21.66 | -4.50 | 17.16 | <=30  | Pass |      |
|  |        |      | 13 | 21.65 | -4.50 | 17.15 | <=30  | Pass |      |
|  |        | 25   | 0  | 21.63 | -4.50 | 17.13 | <=30  | Pass |      |

|       |        |      |    |       |       |       |       |      |
|-------|--------|------|----|-------|-------|-------|-------|------|
| 64QAM | 1712.5 | 1    | 0  | 21.88 | -4.50 | 17.38 | <=30  | Pass |
|       |        |      | 13 | 21.93 | -4.50 | 17.43 | <=30  | Pass |
|       |        |      | 24 | 21.85 | -4.50 | 17.35 | <=30  | Pass |
|       |        | 12   | 0  | 20.76 | -4.50 | 16.26 | <=30  | Pass |
|       |        |      | 6  | 20.78 | -4.50 | 16.28 | <=30  | Pass |
|       |        |      | 13 | 20.73 | -4.50 | 16.23 | <=30  | Pass |
|       |        | 25   | 0  | 20.78 | -4.50 | 16.28 | <=30  | Pass |
|       |        | 1745 | 1  | 0     | 22.03 | -4.50 | 17.53 | <=30 |
|       | 13     |      |    | 22.19 | -4.50 | 17.69 | <=30  | Pass |
|       | 24     |      |    | 21.99 | -4.50 | 17.49 | <=30  | Pass |
|       | 12     |      | 0  | 20.92 | -4.50 | 16.42 | <=30  | Pass |
|       |        |      | 6  | 20.93 | -4.50 | 16.43 | <=30  | Pass |
|       |        |      | 13 | 20.94 | -4.50 | 16.44 | <=30  | Pass |
|       | 25     |      | 0  | 20.90 | -4.50 | 16.40 | <=30  | Pass |
|       | 1777.5 |      | 1  | 0     | 21.64 | -4.50 | 17.14 | <=30 |
|       |        | 13   |    | 21.69 | -4.50 | 17.19 | <=30  | Pass |
|       |        | 24   |    | 21.59 | -4.50 | 17.09 | <=30  | Pass |
|       |        | 12   | 0  | 20.62 | -4.50 | 16.12 | <=30  | Pass |
|       |        |      | 6  | 20.67 | -4.50 | 16.17 | <=30  | Pass |
|       |        |      | 13 | 20.63 | -4.50 | 16.13 | <=30  | Pass |
|       |        | 25   | 0  | 20.63 | -4.50 | 16.13 | <=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      | 23.52                 | -4.50      | 19.02      | <=30  | Pass    |
|                                    |                 |               | 25     | 23.56                 | -4.50      | 19.06      | <=30  | Pass    |
|                                    |                 |               | 49     | 23.48                 | -4.50      | 18.98      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 22.69                 | -4.50      | 18.19      | <=30  | Pass    |
|                                    |                 |               | 13     | 22.78                 | -4.50      | 18.28      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 23.70                 | -4.50      | 19.20      | <=30  | Pass    |
|                                    |                 |               | 25     | 23.78                 | -4.50      | 19.28      | <=30  | Pass    |
|                                    |                 |               | 49     | 23.67                 | -4.50      | 19.17      | <=30  | Pass    |

|       |      |    |    |       |       |       |      |      |
|-------|------|----|----|-------|-------|-------|------|------|
|       |      | 25 | 0  | 22.88 | -4.50 | 18.38 | <=30 | Pass |
|       |      |    | 13 | 22.87 | -4.50 | 18.37 | <=30 | Pass |
|       |      |    | 25 | 22.91 | -4.50 | 18.41 | <=30 | Pass |
|       |      | 50 | 0  | 22.86 | -4.50 | 18.36 | <=30 | Pass |
|       | 1775 | 1  | 0  | 23.45 | -4.50 | 18.95 | <=30 | Pass |
|       |      |    | 25 | 23.45 | -4.50 | 18.95 | <=30 | Pass |
|       |      |    | 49 | 23.36 | -4.50 | 18.86 | <=30 | Pass |
|       |      | 25 | 0  | 22.66 | -4.50 | 18.16 | <=30 | Pass |
|       |      |    | 13 | 22.66 | -4.50 | 18.16 | <=30 | Pass |
|       |      |    | 25 | 22.61 | -4.50 | 18.11 | <=30 | Pass |
|       |      | 50 | 0  | 22.66 | -4.50 | 18.16 | <=30 | Pass |
| 16QAM | 1715 | 1  | 0  | 22.81 | -4.50 | 18.31 | <=30 | Pass |
|       |      |    | 25 | 22.83 | -4.50 | 18.33 | <=30 | Pass |
|       |      |    | 49 | 22.81 | -4.50 | 18.31 | <=30 | Pass |
|       |      | 25 | 0  | 21.67 | -4.50 | 17.17 | <=30 | Pass |
|       |      |    | 13 | 21.79 | -4.50 | 17.29 | <=30 | Pass |
|       |      |    | 25 | 21.77 | -4.50 | 17.27 | <=30 | Pass |
|       |      | 50 | 0  | 21.75 | -4.50 | 17.25 | <=30 | Pass |
|       | 1745 | 1  | 0  | 23.10 | -4.50 | 18.60 | <=30 | Pass |
|       |      |    | 25 | 23.12 | -4.50 | 18.62 | <=30 | Pass |
|       |      |    | 49 | 23.15 | -4.50 | 18.65 | <=30 | Pass |
|       |      | 25 | 0  | 21.89 | -4.50 | 17.39 | <=30 | Pass |
|       |      |    | 13 | 21.93 | -4.50 | 17.43 | <=30 | Pass |
|       |      |    | 25 | 21.91 | -4.50 | 17.41 | <=30 | Pass |
|       |      | 50 | 0  | 21.90 | -4.50 | 17.40 | <=30 | Pass |
|       | 1775 | 1  | 0  | 22.67 | -4.50 | 18.17 | <=30 | Pass |
|       |      |    | 25 | 22.76 | -4.50 | 18.26 | <=30 | Pass |
|       |      |    | 49 | 22.61 | -4.50 | 18.11 | <=30 | Pass |
|       |      | 25 | 0  | 21.69 | -4.50 | 17.19 | <=30 | Pass |
|       |      |    | 13 | 21.67 | -4.50 | 17.17 | <=30 | Pass |
|       |      |    | 25 | 21.65 | -4.50 | 17.15 | <=30 | Pass |
|       |      | 50 | 0  | 21.65 | -4.50 | 17.15 | <=30 | Pass |
| 64QAM | 1715 | 1  | 0  | 21.89 | -4.50 | 17.39 | <=30 | Pass |
|       |      |    | 25 | 21.89 | -4.50 | 17.39 | <=30 | Pass |
|       |      |    | 49 | 21.69 | -4.50 | 17.19 | <=30 | Pass |
|       |      | 25 | 0  | 20.69 | -4.50 | 16.19 | <=30 | Pass |
|       |      |    | 13 | 20.78 | -4.50 | 16.28 | <=30 | Pass |
|       |      |    | 25 | 20.78 | -4.50 | 16.28 | <=30 | Pass |
|       |      | 50 | 0  | 20.79 | -4.50 | 16.29 | <=30 | Pass |
|       | 1745 | 1  | 0  | 22.10 | -4.50 | 17.60 | <=30 | Pass |
|       |      |    | 25 | 22.20 | -4.50 | 17.70 | <=30 | Pass |
|       |      |    | 49 | 22.03 | -4.50 | 17.53 | <=30 | Pass |
|       |      | 25 | 0  | 20.89 | -4.50 | 16.39 | <=30 | Pass |
|       |      |    | 13 | 20.93 | -4.50 | 16.43 | <=30 | Pass |
|       |      |    | 25 | 20.97 | -4.50 | 16.47 | <=30 | Pass |
|       |      | 50 | 0  | 20.89 | -4.50 | 16.39 | <=30 | Pass |
|       | 1775 | 1  | 0  | 21.86 | -4.50 | 17.36 | <=30 | Pass |
|       |      |    | 25 | 21.89 | -4.50 | 17.39 | <=30 | Pass |
|       |      |    | 49 | 21.73 | -4.50 | 17.23 | <=30 | Pass |
|       |      | 25 | 0  | 20.70 | -4.50 | 16.20 | <=30 | Pass |
|       |      |    | 13 | 20.70 | -4.50 | 16.20 | <=30 | Pass |
|       |      |    | 25 | 20.65 | -4.50 | 16.15 | <=30 | Pass |
|       |      | 50 | 0  | 20.67 | -4.50 | 16.17 | <=30 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B66\_15MHz\_EIRP

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | 23.43                 | -4.50      | 18.93      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.36                 | -4.50      | 18.86      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.40                 | -4.50      | 18.90      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.60                 | -4.50      | 18.10      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.63                 | -4.50      | 18.13      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.65                 | -4.50      | 18.15      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.67                 | -4.50      | 18.17      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 23.56                 | -4.50      | 19.06      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.60                 | -4.50      | 19.10      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.56                 | -4.50      | 19.06      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.79                 | -4.50      | 18.29      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                    | 1772.5          | 1             | 0      | 23.42                 | -4.50      | 18.92      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.34                 | -4.50      | 18.84      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.13                 | -4.50      | 18.63      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.59                 | -4.50      | 18.09      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.54                 | -4.50      | 18.04      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.52                 | -4.50      | 18.02      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.57                 | -4.50      | 18.07      | <=30  | Pass    |
| 16QAM                              | 1717.5          | 1             | 0      | 22.78                 | -4.50      | 18.28      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.70                 | -4.50      | 18.20      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.82                 | -4.50      | 18.32      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.61                 | -4.50      | 17.11      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.68                 | -4.50      | 17.18      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.64                 | -4.50      | 17.14      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.66                 | -4.50      | 17.16      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 22.91                 | -4.50      | 18.41      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.93                 | -4.50      | 18.43      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.86                 | -4.50      | 18.36      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.74                 | -4.50      | 17.24      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.75                 | -4.50      | 17.25      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.81                 | -4.50      | 17.31      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.75                 | -4.50      | 17.25      | <=30  | Pass    |
|                                    | 1772.5          | 1             | 0      | 22.57                 | -4.50      | 18.07      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.58                 | -4.50      | 18.08      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.50                 | -4.50      | 18.00      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.61                 | -4.50      | 17.11      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.55                 | -4.50      | 17.05      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.52                 | -4.50      | 17.02      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.58                 | -4.50      | 17.08      | <=30  | Pass    |
| 64QAM                              | 1717.5          | 1             | 0      | 21.70                 | -4.50      | 17.20      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.74                 | -4.50      | 17.24      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.68                 | -4.50      | 17.18      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.58                 | -4.50      | 16.08      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.65                 | -4.50      | 16.15      | <=30  | Pass    |
|                                    |                 |               | 39     | 20.64                 | -4.50      | 16.14      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.67                 | -4.50      | 16.17      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.98                 | -4.50      | 17.48      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.96                 | -4.50      | 17.46      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.95                 | -4.50      | 17.45      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.81                 | -4.50      | 16.31      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.74                 | -4.50      | 16.24      | <=30  | Pass    |
|                                    |                 |               | 39     | 20.83                 | -4.50      | 16.33      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.78                 | -4.50      | 16.28      | <=30  | Pass    |

|  |        |                                          |    |       |       |       |      |      |
|--|--------|------------------------------------------|----|-------|-------|-------|------|------|
|  | 1772.5 | 1                                        | 0  | 21.73 | -4.50 | 17.23 | <=30 | Pass |
|  |        |                                          | 38 | 21.75 | -4.50 | 17.25 | <=30 | Pass |
|  |        |                                          | 74 | 21.48 | -4.50 | 16.98 | <=30 | Pass |
|  |        | 36                                       | 0  | 20.59 | -4.50 | 16.09 | <=30 | Pass |
|  |        |                                          | 18 | 20.56 | -4.50 | 16.06 | <=30 | Pass |
|  |        |                                          | 39 | 20.52 | -4.50 | 16.02 | <=30 | Pass |
|  |        | 75                                       | 0  | 20.59 | -4.50 | 16.09 | <=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      | 23.45                 | -4.50      | 18.95      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.40                 | -4.50      | 18.90      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.47                 | -4.50      | 18.97      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.58                 | -4.50      | 18.08      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.67                 | -4.50      | 18.17      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.67                 | -4.50      | 18.17      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.66                 | -4.50      | 18.16      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.54                 | -4.50      | 19.04      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.55                 | -4.50      | 19.05      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.51                 | -4.50      | 19.01      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.79                 | -4.50      | 18.29      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.71                 | -4.50      | 18.21      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.75                 | -4.50      | 18.25      | <=30  | Pass    |
|                                   | 1770            | 1             | 0      | 23.45                 | -4.50      | 18.95      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.30                 | -4.50      | 18.80      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.16                 | -4.50      | 18.66      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.66                 | -4.50      | 18.16      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.63                 | -4.50      | 18.13      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.56                 | -4.50      | 18.06      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.62                 | -4.50      | 18.12      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.69                 | -4.50      | 18.19      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.91                 | -4.50      | 18.41      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.57                 | -4.50      | 17.07      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.66                 | -4.50      | 17.16      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.68                 | -4.50      | 17.18      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.71                 | -4.50      | 17.21      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.79                 | -4.50      | 18.29      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.76                 | -4.50      | 18.26      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.77                 | -4.50      | 17.27      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.77                 | -4.50      | 17.27      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.73                 | -4.50      | 17.23      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.73                 | -4.50      | 17.23      | <=30  | Pass    |
|                                   | 1770            | 1             | 0      | 22.84                 | -4.50      | 18.34      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.78                 | -4.50      | 18.28      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.56                 | -4.50      | 18.06      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.63                 | -4.50      | 17.13      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.66                 | -4.50      | 17.16      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.57                 | -4.50      | 17.07      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.64                 | -4.50      | 17.14      | <=30  | Pass    |
| 64QAM                             | 1720            | 1             | 0      | 21.93                 | -4.50      | 17.43      | <=30  | Pass    |

|                                          |      |     |       |       |       |       |      |      |
|------------------------------------------|------|-----|-------|-------|-------|-------|------|------|
|                                          |      |     | 50    | 21.74 | -4.50 | 17.24 | <=30 | Pass |
|                                          |      |     | 99    | 21.80 | -4.50 | 17.30 | <=30 | Pass |
|                                          |      | 50  | 0     | 20.60 | -4.50 | 16.10 | <=30 | Pass |
|                                          |      |     | 25    | 20.71 | -4.50 | 16.21 | <=30 | Pass |
|                                          |      |     | 50    | 20.66 | -4.50 | 16.16 | <=30 | Pass |
|                                          |      | 100 | 0     | 20.68 | -4.50 | 16.18 | <=30 | Pass |
|                                          | 1745 | 1   | 0     | 21.95 | -4.50 | 17.45 | <=30 | Pass |
|                                          |      |     | 50    | 22.01 | -4.50 | 17.51 | <=30 | Pass |
|                                          |      |     | 99    | 21.99 | -4.50 | 17.49 | <=30 | Pass |
|                                          |      | 50  | 0     | 20.77 | -4.50 | 16.27 | <=30 | Pass |
|                                          |      |     | 25    | 20.77 | -4.50 | 16.27 | <=30 | Pass |
|                                          |      |     | 50    | 20.73 | -4.50 | 16.23 | <=30 | Pass |
|                                          | 100  | 0   | 20.78 | -4.50 | 16.28 | <=30  | Pass |      |
|                                          | 1770 | 1   | 0     | 21.73 | -4.50 | 17.23 | <=30 | Pass |
|                                          |      |     | 50    | 21.86 | -4.50 | 17.36 | <=30 | Pass |
|                                          |      |     | 99    | 21.57 | -4.50 | 17.07 | <=30 | Pass |
|                                          |      | 50  | 0     | 20.64 | -4.50 | 16.14 | <=30 | Pass |
|                                          |      |     | 25    | 20.64 | -4.50 | 16.14 | <=30 | Pass |
|                                          |      |     | 50    | 20.55 | -4.50 | 16.05 | <=30 | Pass |
|                                          | 100  | 0   | 20.58 | -4.50 | 16.08 | <=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         | 3.6           | 10.552           | 0.0062                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.92          | 11.103           | 0.0065                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.53          | 10.561           | 0.0062                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.92          | 10.087           | 0.0059                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.92          | 9.104            | 0.0053                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.92          | 7.565            | 0.0044                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.92          | 5.798            | 0.0034                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.92          | 4.734            | 0.0028                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.92          | 2.364            | 0.0014                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.92          | 3.502            | 0.0020                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.92          | 2.733            | 0.0016                | -2.5 to 2.5 | Pass    |
|                              | 1745            | 6             | 0      | 20         | 3.6           | -10.746          | -0.0062               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.92          | -13.211          | -0.0076               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.53          | -14.688          | -0.0084               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.92          | -16.218          | -0.0093               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.92          | -16.593          | -0.0095               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.92          | -14.484          | -0.0083               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.92          | -12.706          | -0.0073               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.92          | -8.874           | -0.0051               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.92          | -5.775           | -0.0033               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.92          | -4.491           | -0.0026               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.92          | -4.287           | -0.0025               | -2.5 to 2.5 | Pass    |
|                              | 1779.3          | 6             | 0      | 20         | 3.6           | 12.898           | 0.0072                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.92          | 11.414           | 0.0064                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.53          | 10.633           | 0.0060                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.92          | 11.155           | 0.0063                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.92          | 8.700            | 0.0049                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.92          | 7.239            | 0.0041                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.92          | 6.792            | 0.0038                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.92          | 4.957            | 0.0028                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.92          | 5.662            | 0.0032                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.92          | 3.814            | 0.0021                | -2.5 to 2.5 | Pass    |
| 16QAM                        | 1710.7          | 6             | 0      | 20         | 3.6           | 1.313            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.92          | 1.704            | 0.0010                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.53          | 2.401            | 0.0014                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.92          | 0.719            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.92          | 1.811            | 0.0011                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.92          | 0.268            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.92          | 1.493            | 0.0009                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.92          | 2.024            | 0.0012                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.92          | 2.264            | 0.0013                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.92          | 1.612            | 0.0009                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.92          | 0.660            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              | 1745            | 6             | 0      | 20         | 3.6           | -2.452           | -0.0014               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.92          | -1.389           | -0.0008               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.53          | -3.431           | -0.0020               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |        |         |             |      |
|-------|--------|---|---|-----|------|--------|---------|-------------|------|
|       |        |   |   | -30 | 3.92 | -0.092 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | -0.394 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | -0.555 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | -0.027 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | -0.309 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 0.465  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 1.501  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 1.354  | 0.0008  | -2.5 to 2.5 | Pass |
|       | 1779.3 | 6 | 0 | 20  | 3.6  | 2.191  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 3.184  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 2.445  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 2.053  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 1.674  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 1.990  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 2.284  | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 0.127  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 1.109  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 0.294  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 1.267  | 0.0007  | -2.5 to 2.5 | Pass |
| 64QAM | 1710.7 | 6 | 0 | 20  | 3.6  | 0.588  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 1.437  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 1.253  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 0.547  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 1.292  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 0.748  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 0.506  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 1.610  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 1.656  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 0.796  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 1.403  | 0.0008  | -2.5 to 2.5 | Pass |
|       | 1745   | 6 | 0 | 20  | 3.6  | 0.439  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | -1.149 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 0.684  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 2.264  | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 1.213  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 2.211  | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 1.753  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | -0.142 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 1.050  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | -0.048 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 0.740  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1779.3 | 6 | 0 | 20  | 3.6  | 1.840  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 1.034  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 1.674  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 0.686  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 1.857  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 0.794  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 0.102  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 2.142  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 0.476  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 2.011  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 1.846  | 0.0010  | -2.5 to 2.5 | Pass |

## 2.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz |           |               |       |         |             |                       |         |
|----------------------------|-----------|---------------|-------|---------|-------------|-----------------------|---------|
| Modulation                 | Frequency | RB Allocation | Temp. | Voltage | Freq. Error | Freq. vs. Rated (ppm) | Verdict |

|       | (MHz)  | Size | Offset | (°C) | (VDC) | (Hz)   | Result  | Limit       |      |
|-------|--------|------|--------|------|-------|--------|---------|-------------|------|
| QPSK  | 1711.5 | 15   | 0      | 20   | 3.6   | 1.139  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.769  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 0.231  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -0.250 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | -0.531 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | 0.435  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | 0.079  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -0.483 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -1.286 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -0.337 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 1.665  | 0.0010  | -2.5 to 2.5 | Pass |
|       | 1745   | 15   | 0      | 20   | 3.6   | 0.828  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 1.242  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 0.022  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -0.240 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | -0.822 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -0.405 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | -0.428 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -0.613 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | 0.463  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | 0.549  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | -0.676 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 1778.5 | 15   | 0      | 20   | 3.6   | 0.810  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.687  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -0.868 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | 0.080  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 1.107  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -0.830 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | 0.337  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | 0.193  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -1.138 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -1.010 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 1.028  | 0.0006  | -2.5 to 2.5 | Pass |
| 16QAM | 1711.5 | 15   | 0      | 20   | 3.6   | 0.166  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | -0.807 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 0.918  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | 0.365  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 0.067  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | 0.640  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | 0.468  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | 0.743  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | 0.860  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -0.083 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | -1.183 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 1745   | 15   | 0      | 20   | 3.6   | -0.119 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | -0.597 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | 1.886  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 0.666  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -0.268 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | -0.447 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -0.349 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | 0.252  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | 0.946  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 0.980  | 0.0006  | -2.5 to 2.5 | Pass |
|       | 1778.5 | 15   | 0      | 20   | 3.6   | -0.126 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.088  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -0.645 | -0.0004 | -2.5 to 2.5 | Pass |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | -30 | 3.92 | 1.746  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 1.410  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.405 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -0.128 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.623  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.861  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.340 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 1.162  | 0.0007  | -2.5 to 2.5 | Pass |
| 64QAM | 1711.5 | 15 | 0 | 20  | 3.6  | -0.221 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.114 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.459 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.388  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.615  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 0.149  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.397  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.125  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.218  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.834 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.712 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 1745   | 15 | 0 | 20  | 3.6  | 0.645  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 0.544  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 1.409  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.088  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 0.012  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.341  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.604 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.428  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 0.321  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.273  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 1778.5 | 15 | 0 | 20  | 3.6  | 1.147  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 0.038  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.075 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.205  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.050  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.355 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.268  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.132 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.795  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 0.715  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.250 | -0.0001 | -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         | 3.6           | -0.285           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -0.780           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -0.583           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | 1.126            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.811           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -0.909           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -0.105           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -0.361           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | 0.392            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | 0.640            | 0.0004                | -2.5 to 2.5 | Pass    |

|       |        |        |         |             |             |         |             |             |      |
|-------|--------|--------|---------|-------------|-------------|---------|-------------|-------------|------|
|       |        |        |         | 50          | 3.92        | -1.006  | -0.0006     | -2.5 to 2.5 | Pass |
|       | 1745   | 25     | 0       | 20          | 3.6         | -0.141  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | 0.211   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | 0.103   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         | -30         | 3.92        | -0.121  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | -20         | 3.92        | 0.963   | 0.0006      | -2.5 to 2.5 | Pass |
|       |        |        |         | -10         | 3.92        | -0.348  | -0.0002     | -2.5 to 2.5 | Pass |
|       |        |        |         | 0           | 3.92        | 0.181   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         | 10          | 3.92        | -0.015  | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | 30          | 3.92        | -0.074  | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | 40          | 3.92        | -0.215  | -0.0001     | -2.5 to 2.5 | Pass |
|       | 50     | 3.92   | 0.415   | 0.0002      | -2.5 to 2.5 | Pass    |             |             |      |
|       | 1777.5 | 25     | 0       | 20          | 3.6         | 0.567   | 0.0003      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | -0.694  | -0.0004     | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | -0.165  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | -30         | 3.92        | 0.546   | 0.0003      | -2.5 to 2.5 | Pass |
|       |        |        |         | -20         | 3.92        | -0.004  | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | -10         | 3.92        | 0.236   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         | 0           | 3.92        | 1.570   | 0.0009      | -2.5 to 2.5 | Pass |
|       |        |        |         | 10          | 3.92        | -0.997  | -0.0006     | -2.5 to 2.5 | Pass |
|       |        |        |         | 30          | 3.92        | -0.761  | -0.0004     | -2.5 to 2.5 | Pass |
|       |        |        |         | 40          | 3.92        | 1.483   | 0.0008      | -2.5 to 2.5 | Pass |
| 50    | 3.92   | -0.585 | -0.0003 | -2.5 to 2.5 | Pass        |         |             |             |      |
| 16QAM | 1712.5 | 25     | 0       | 20          | 3.6         | -0.271  | -0.0002     | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | 0.412   | 0.0002      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | 0.092   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         | -30         | 3.92        | 0.957   | 0.0006      | -2.5 to 2.5 | Pass |
|       |        |        |         | -20         | 3.92        | 0.136   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         | -10         | 3.92        | -0.650  | -0.0004     | -2.5 to 2.5 | Pass |
|       |        |        |         | 0           | 3.92        | 0.338   | 0.0002      | -2.5 to 2.5 | Pass |
|       |        |        |         | 10          | 3.92        | 0.065   | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | 30          | 3.92        | 0.648   | 0.0004      | -2.5 to 2.5 | Pass |
|       |        |        |         | 40          | 3.92        | 1.398   | 0.0008      | -2.5 to 2.5 | Pass |
|       | 50     | 3.92   | 0.055   | 0.0000      | -2.5 to 2.5 | Pass    |             |             |      |
|       | 1745   | 25     | 0       | 20          | 3.6         | 0.672   | 0.0004      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | 0.783   | 0.0004      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | -0.190  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | -30         | 3.92        | 0.070   | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | -20         | 3.92        | 0.604   | 0.0003      | -2.5 to 2.5 | Pass |
|       |        |        |         | -10         | 3.92        | 1.297   | 0.0007      | -2.5 to 2.5 | Pass |
|       |        |        |         | 0           | 3.92        | 0.370   | 0.0002      | -2.5 to 2.5 | Pass |
|       |        |        |         | 10          | 3.92        | -0.002  | 0.0000      | -2.5 to 2.5 | Pass |
|       |        |        |         | 30          | 3.92        | -0.483  | -0.0003     | -2.5 to 2.5 | Pass |
|       |        |        |         | 40          | 3.92        | 0.198   | 0.0001      | -2.5 to 2.5 | Pass |
|       | 50     | 3.92   | 0.401   | 0.0002      | -2.5 to 2.5 | Pass    |             |             |      |
|       | 1777.5 | 25     | 0       | 20          | 3.6         | -1.502  | -0.0008     | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | -0.943  | -0.0005     | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | -0.695  | -0.0004     | -2.5 to 2.5 | Pass |
|       |        |        |         | -30         | 3.92        | -1.306  | -0.0007     | -2.5 to 2.5 | Pass |
|       |        |        |         | -20         | 3.92        | -0.181  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | -10         | 3.92        | -0.220  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | 0           | 3.92        | -0.129  | -0.0001     | -2.5 to 2.5 | Pass |
|       |        |        |         | 10          | 3.92        | 0.037   | 0.0000      | -2.5 to 2.5 | Pass |
| 30    |        |        |         | 3.92        | -0.110      | -0.0001 | -2.5 to 2.5 | Pass        |      |
| 40    |        |        |         | 3.92        | -1.195      | -0.0007 | -2.5 to 2.5 | Pass        |      |
| 50    | 3.92   | -1.363 | -0.0008 | -2.5 to 2.5 | Pass        |         |             |             |      |
| 64QAM | 1712.5 | 25     | 0       | 20          | 3.6         | 0.087   | 0.0001      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 3.92        | 0.284   | 0.0002      | -2.5 to 2.5 | Pass |
|       |        |        |         |             | 4.53        | 0.978   | 0.0006      | -2.5 to 2.5 | Pass |

|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   | -30 | 3.92 | 1.032  | 0.0006  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -0.440 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -0.026 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -0.271 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | 1.511  | 0.0009  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | 0.913  | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|  | 1745   | 25 | 0 | 20  | 3.6  | 0.036  | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | -0.337 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | 0.305  | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | 0.577  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | 0.690  | 0.0004  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -0.079 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | 1.558  | 0.0009  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | 0.793  | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | -0.012 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | -0.883 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 0.903  | 0.0005  | -2.5 to 2.5 | Pass |
|  | 1777.5 | 25 | 0 | 20  | 3.6  | -0.752 | -0.0004 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | -0.757 | -0.0004 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | -0.554 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | -0.435 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -0.392 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -1.497 | -0.0008 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -0.813 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | -0.986 | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | -0.310 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | -0.823 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | -1.209 | -0.0007 | -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         | 3.6           | 0.829            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 0.102            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.670           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -0.551           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 0.052            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 1.241            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -0.073           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -0.060           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 0.309            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.093           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 0.368            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             | 1745            | 50            | 0      | 20         | 3.6           | -2.360           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -0.764           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.113           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | 0.372            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 0.015            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -0.612           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -1.195           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 0.349            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 0.232            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | 0.645            | 0.0004                | -2.5 to 2.5 | Pass    |

|       |      |      |       |        |             |        |         |             |             |
|-------|------|------|-------|--------|-------------|--------|---------|-------------|-------------|
|       |      |      |       | 50     | 3.92        | -0.398 | -0.0002 | -2.5 to 2.5 | Pass        |
|       | 1775 | 50   | 0     | 20     | 3.6         | -0.018 | 0.0000  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | -0.666 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | 0.782  | 0.0004  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | -30         | 3.92   | 0.846   | 0.0005      | -2.5 to 2.5 |
|       |      |      |       | -20    | 3.92        | 0.568  | 0.0003  | -2.5 to 2.5 | Pass        |
|       |      |      |       | -10    | 3.92        | 0.122  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 0      | 3.92        | -0.481 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 10     | 3.92        | 0.498  | 0.0003  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 30     | 3.92        | -0.852 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 40     | 3.92        | -1.001 | -0.0006 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | 0.448 | 0.0003 | -2.5 to 2.5 | Pass   |         |             |             |
| 16QAM | 1715 | 50   | 0     | 20     | 3.6         | -0.601 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | 1.265  | 0.0007  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | 1.032  | 0.0006  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | -30         | 3.92   | 1.022   | 0.0006      | -2.5 to 2.5 |
|       |      |      |       | -20    | 3.92        | 1.070  | 0.0006  | -2.5 to 2.5 | Pass        |
|       |      |      |       | -10    | 3.92        | -0.209 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 0      | 3.92        | 0.312  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 10     | 3.92        | 0.444  | 0.0003  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 30     | 3.92        | -0.973 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 40     | 3.92        | -0.241 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 50     | 3.92        | 0.155  | 0.0001  | -2.5 to 2.5 | Pass        |
|       | 1745 | 50   | 0     | 20     | 3.6         | -0.690 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | -1.316 | -0.0008 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | -0.437 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | -30         | 3.92   | -0.787  | -0.0005     | -2.5 to 2.5 |
|       |      |      |       | -20    | 3.92        | -0.924 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |       | -10    | 3.92        | -0.706 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 0      | 3.92        | 0.443  | 0.0003  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 10     | 3.92        | -0.985 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 30     | 3.92        | 0.356  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 40     | 3.92        | 0.090  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 50     | 3.92        | -0.092 | -0.0001 | -2.5 to 2.5 | Pass        |
|       | 1775 | 50   | 0     | 20     | 3.6         | -0.742 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | -0.866 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | -1.205 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | -30         | 3.92   | -1.301  | -0.0007     | -2.5 to 2.5 |
|       |      |      |       | -20    | 3.92        | -0.672 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       | -10    | 3.92        | -1.035 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 0      | 3.92        | 0.038  | 0.0000  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 10     | 3.92        | -0.806 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 30     | 3.92        | 0.133  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 40     | 3.92        | -0.729 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 50     | 3.92        | -0.526 | -0.0003 | -2.5 to 2.5 | Pass        |
| 64QAM | 1715 | 50   | 0     | 20     | 3.6         | 0.733  | 0.0004  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | 1.319  | 0.0008  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | 1.417  | 0.0008  | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | -30         | 3.92   | -0.070  | 0.0000      | -2.5 to 2.5 |
|       |      |      |       | -20    | 3.92        | 0.059  | 0.0000  | -2.5 to 2.5 | Pass        |
|       |      |      |       | -10    | 3.92        | 0.791  | 0.0005  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 0      | 3.92        | 1.312  | 0.0008  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 10     | 3.92        | -0.367 | -0.0002 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 30     | 3.92        | -0.990 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |       | 40     | 3.92        | 1.230  | 0.0007  | -2.5 to 2.5 | Pass        |
|       |      |      |       | 50     | 3.92        | -0.466 | -0.0003 | -2.5 to 2.5 | Pass        |
|       | 1745 | 50   | 0     | 20     | 3.6         | -1.043 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 3.92        | -1.319 | -0.0008 | -2.5 to 2.5 | Pass        |
|       |      |      |       |        | 4.53        | -0.509 | -0.0003 | -2.5 to 2.5 | Pass        |

|  |      |    |   |     |      |        |         |             |      |
|--|------|----|---|-----|------|--------|---------|-------------|------|
|  |      |    |   | -30 | 3.92 | -1.113 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.92 | -0.555 | -0.0003 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.92 | 1.040  | 0.0006  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.92 | -0.476 | -0.0003 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.92 | 0.738  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.92 | -1.042 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.92 | -0.142 | -0.0001 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.92 | -0.232 | -0.0001 | -2.5 to 2.5 | Pass |
|  | 1775 | 50 | 0 | 20  | 3.6  | 0.375  | 0.0002  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.92 | -0.739 | -0.0004 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.53 | 0.070  | 0.0000  | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.92 | 0.290  | 0.0002  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.92 | 0.034  | 0.0000  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.92 | 0.693  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.92 | -1.094 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.92 | 0.193  | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.92 | -0.777 | -0.0004 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.92 | 0.861  | 0.0005  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.92 | -0.342 | -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         | 3.6           | -2.404           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -0.114           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.799           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.180           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -0.985           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -1.155           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -1.952           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -2.700           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -2.498           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.903           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -1.314           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 75            | 0      | 20         | 3.6           | -1.676           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -1.743           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.792           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -0.536           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -1.112           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -0.183           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -0.595           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 0.046            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -0.932           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.814           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -1.913           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             | 1772.5          | 75            | 0      | 20         | 3.6           | -2.630           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -2.376           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -1.986           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.488           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -0.751           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -1.422           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -1.643           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -2.043           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -0.359           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.745           | -0.0004               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1717.5 | 75 | 0 | 50  | 3.92 | -2.133 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -1.014 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.215 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.188 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -0.855 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -0.953 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.574 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.146 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.669 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.937 | -0.0005 | -2.5 to 2.5 | Pass |
|       | 1745   | 75 | 0 | 40  | 3.92 | -1.383 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.137 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -0.214 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.622 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.248 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.632  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.395  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.187  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.367  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 1772.5 | 75 | 0 | 30  | 3.92 | 0.404  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 0.583  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.414  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -2.336 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -2.990 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.983 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -0.836 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -0.752 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -2.172 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -0.935 | -0.0005 | -2.5 to 2.5 | Pass |
| 64QAM | 1717.5 | 75 | 0 | 10  | 3.92 | -1.164 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -1.525 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.658 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -1.002 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -0.001 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.160 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.779 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.048 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.400 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -2.383 | -0.0014 | -2.5 to 2.5 | Pass |
|       | 1745   | 75 | 0 | 0   | 3.92 | -2.405 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.827 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -2.399 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.220 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.763 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -1.563 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -0.442 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 1.090  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.319  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.311 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 1772.5 | 75 | 0 | -10 | 3.92 | -0.624 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -2.153 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -1.808 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.565 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.349 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.336  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.6  | -1.013 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.102 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -2.236 | -0.0013 | -2.5 to 2.5 | Pass |

|  |  |  |  |     |      |        |         |             |      |
|--|--|--|--|-----|------|--------|---------|-------------|------|
|  |  |  |  | -30 | 3.92 | -1.307 | -0.0007 | -2.5 to 2.5 | Pass |
|  |  |  |  | -20 | 3.92 | -1.694 | -0.0010 | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 3.92 | -2.061 | -0.0012 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 3.92 | -2.801 | -0.0016 | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 3.92 | -1.976 | -0.0011 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 3.92 | -0.578 | -0.0003 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 3.92 | -1.013 | -0.0006 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 3.92 | -0.093 | -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         | 3.6           | -0.490           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -1.011           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.849           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.027           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 0.275            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -1.155           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -1.576           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -0.445           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -1.937           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.925           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -0.849           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             | 1745            | 100           | 0      | 20         | 3.6           | -1.237           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -1.411           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.806           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.804           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -1.112           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -2.326           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -0.923           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -1.583           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -1.501           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.409           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -0.059           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             | 1770            | 100           | 0      | 20         | 3.6           | -1.683           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -0.245           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -1.809           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.647           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -1.439           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -0.418           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -2.352           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -1.613           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -2.626           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -2.346           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -1.569           | -0.0009               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 1720            | 100           | 0      | 20         | 3.6           | -0.817           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 0.137            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.003           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -1.643           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -1.071           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -1.985           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -1.003           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -1.054           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -1.301           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -0.591           | -0.0003               | -2.5 to 2.5 | Pass    |

|       |      |      |        |         |             |        |         |             |             |
|-------|------|------|--------|---------|-------------|--------|---------|-------------|-------------|
|       |      |      |        | 50      | 3.92        | -0.261 | -0.0002 | -2.5 to 2.5 | Pass        |
|       | 1745 | 100  | 0      | 20      | 3.6         | -0.709 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -0.552 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | 0.867  | 0.0005  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | -0.107  | -0.0001     | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -0.590 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -0.022 | 0.0000  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -1.245 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -0.608 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | 0.136  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -0.118 | -0.0001 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -0.781 | -0.0004 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1770 | 100  | 0      | 20      | 3.6         | -1.494 | -0.0008 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -0.242 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -0.080 | 0.0000  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | -1.504  | -0.0008     | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -1.064 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -1.827 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -1.028 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -1.775 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -0.255 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -0.306 | -0.0002 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -1.314 | -0.0007 | -2.5 to 2.5 | Pass   |         |             |             |
| 64QAM | 1720 | 100  | 0      | 20      | 3.6         | -0.432 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -1.591 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -1.895 | -0.0011 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | -2.112  | -0.0012     | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -1.476 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -2.001 | -0.0012 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -1.282 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | 0.467  | 0.0003  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -0.492 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -0.912 | -0.0005 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -0.901 | -0.0005 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1745 | 100  | 0      | 20      | 3.6         | -1.765 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -2.001 | -0.0011 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -2.270 | -0.0013 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | -1.405  | -0.0008     | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -0.888 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | 0.154  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -0.542 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -1.363 | -0.0008 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -0.699 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -0.127 | -0.0001 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -0.855 | -0.0005 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1770 | 100  | 0      | 20      | 3.6         | -1.443 | -0.0008 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -2.653 | -0.0015 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -0.595 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | 0.062   | 0.0000      | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -1.153 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -1.769 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -1.195 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -1.300 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -1.746 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -2.907 | -0.0016 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -0.893 | -0.0005 | -2.5 to 2.5 | Pass   |         |             |             |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 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      | 1.120                        | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.122                        | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.119                        | /     | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.121                        | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.127                        | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.122                        | /     | Pass    |
|                 | 64QAM      | 1710.7          | 6             | 0      | 1.130                        | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.119                        | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.114                        | /     | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 2.751                        | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 2.770                        | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 2.752                        | /     | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 2.759                        | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 2.749                        | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 2.749                        | /     | Pass    |
|                 | 64QAM      | 1711.5          | 15            | 0      | 2.758                        | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 2.759                        | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 2.756                        | /     | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 4.598                        | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 4.578                        | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 4.579                        | /     | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 4.579                        | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 4.564                        | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 4.577                        | /     | Pass    |
|                 | 64QAM      | 1712.5          | 25            | 0      | 4.570                        | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 4.576                        | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 4.576                        | /     | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 9.109                        | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 9.090                        | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 9.066                        | /     | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 9.073                        | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 9.081                        | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 9.081                        | /     | Pass    |
|                 | 64QAM      | 1715            | 50            | 0      | 9.063                        | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 9.121                        | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 9.085                        | /     | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 13.624                       | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 13.624                       | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 13.610                       | /     | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 13.632                       | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 13.650                       | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 13.590                       | /     | Pass    |
|                 | 64QAM      | 1717.5          | 75            | 0      | 13.603                       | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 13.628                       | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 13.612                       | /     | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 18.103                       | /     | Pass    |
|                 |            | 1745            | 100           | 0      | 18.114                       | /     | Pass    |
|                 |            | 1770            | 100           | 0      | 18.103                       | /     | Pass    |
|                 | 16QAM      | 1720            | 100           | 0      | 18.135                       | /     | Pass    |

|  |       |      |     |   |        |   |      |
|--|-------|------|-----|---|--------|---|------|
|  | 64QAM | 1745 | 100 | 0 | 18.106 | / | Pass |
|  |       | 1770 | 100 | 0 | 18.068 | / | Pass |
|  |       | 1720 | 100 | 0 | 18.142 | / | Pass |
|  |       | 1745 | 100 | 0 | 18.129 | / | Pass |
|  |       | 1770 | 100 | 0 | 18.124 | / | Pass |

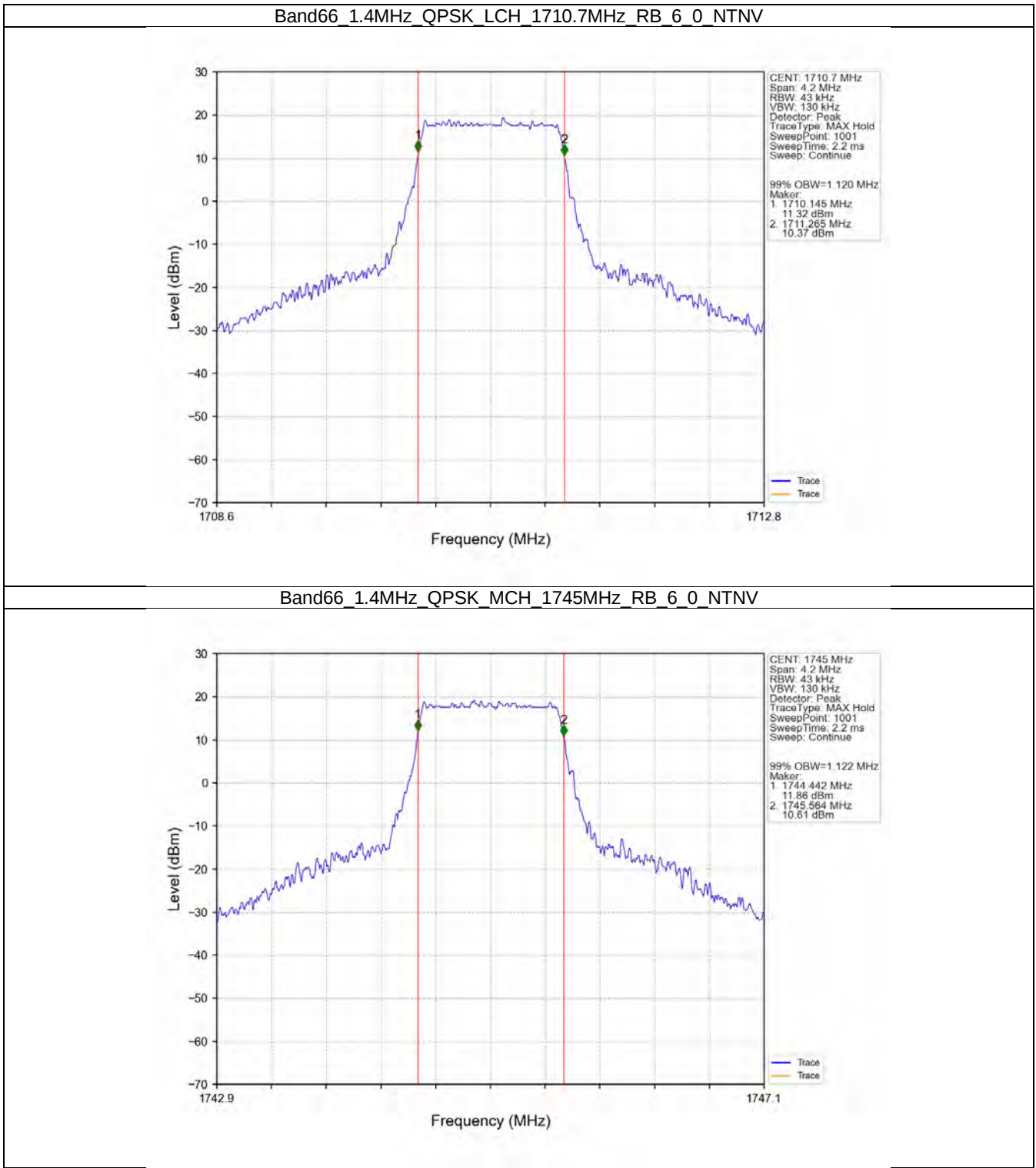
### 3.1.2 Band66\_XDB

| 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      | 1.403                | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.409                | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.398                | /     | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.360                | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.409                | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.435                | /     | Pass    |
|                 | 64QAM      | 1710.7          | 6             | 0      | 1.397                | /     | Pass    |
|                 |            | 1745            | 6             | 0      | 1.408                | /     | Pass    |
|                 |            | 1779.3          | 6             | 0      | 1.383                | /     | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 3.110                | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 3.136                | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 3.134                | /     | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 3.148                | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 3.137                | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 3.134                | /     | Pass    |
|                 | 64QAM      | 1711.5          | 15            | 0      | 3.115                | /     | Pass    |
|                 |            | 1745            | 15            | 0      | 3.134                | /     | Pass    |
|                 |            | 1778.5          | 15            | 0      | 3.119                | /     | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 5.299                | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 5.278                | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 5.289                | /     | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 5.307                | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 5.151                | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 5.202                | /     | Pass    |
|                 | 64QAM      | 1712.5          | 25            | 0      | 5.264                | /     | Pass    |
|                 |            | 1745            | 25            | 0      | 5.269                | /     | Pass    |
|                 |            | 1777.5          | 25            | 0      | 5.215                | /     | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 10.250               | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 10.223               | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 10.273               | /     | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 10.191               | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 10.226               | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 10.162               | /     | Pass    |
|                 | 64QAM      | 1715            | 50            | 0      | 10.169               | /     | Pass    |
|                 |            | 1745            | 50            | 0      | 10.127               | /     | Pass    |
|                 |            | 1775            | 50            | 0      | 10.126               | /     | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 15.187               | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 15.385               | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 15.105               | /     | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 15.187               | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 15.354               | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 15.104               | /     | Pass    |
|                 | 64QAM      | 1717.5          | 75            | 0      | 15.180               | /     | Pass    |
|                 |            | 1745            | 75            | 0      | 15.175               | /     | Pass    |
|                 |            | 1772.5          | 75            | 0      | 15.171               | /     | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 20.092               | /     | Pass    |

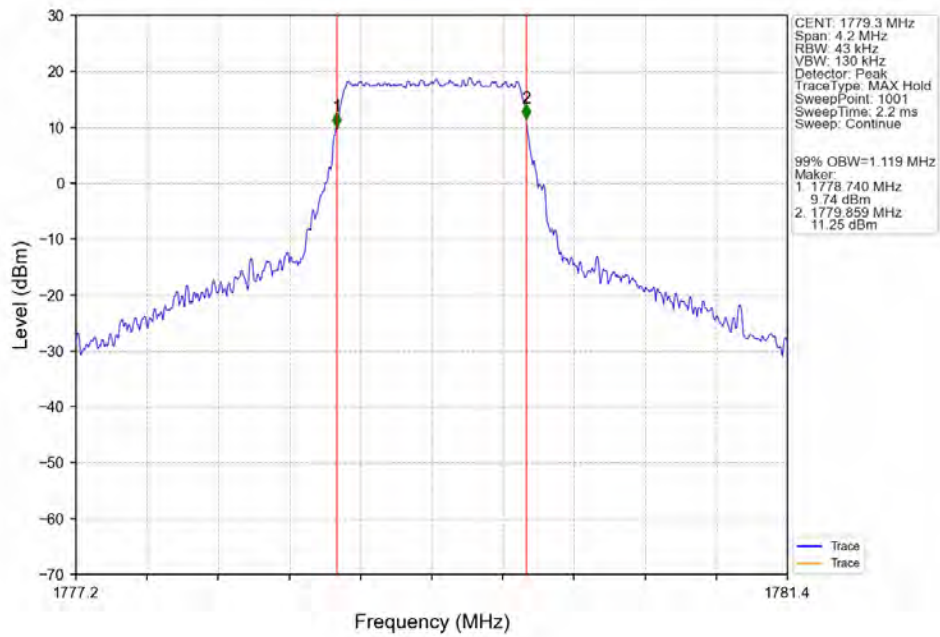
|  |       |      |     |   |        |   |      |
|--|-------|------|-----|---|--------|---|------|
|  |       | 1745 | 100 | 0 | 20.230 | / | Pass |
|  |       | 1770 | 100 | 0 | 20.050 | / | Pass |
|  | 16QAM | 1720 | 100 | 0 | 20.151 | / | Pass |
|  |       | 1745 | 100 | 0 | 20.143 | / | Pass |
|  |       | 1770 | 100 | 0 | 20.093 | / | Pass |
|  | 64QAM | 1720 | 100 | 0 | 20.257 | / | Pass |
|  |       | 1745 | 100 | 0 | 20.285 | / | Pass |
|  |       | 1770 | 100 | 0 | 20.064 | / | Pass |

3.2 Test Graph

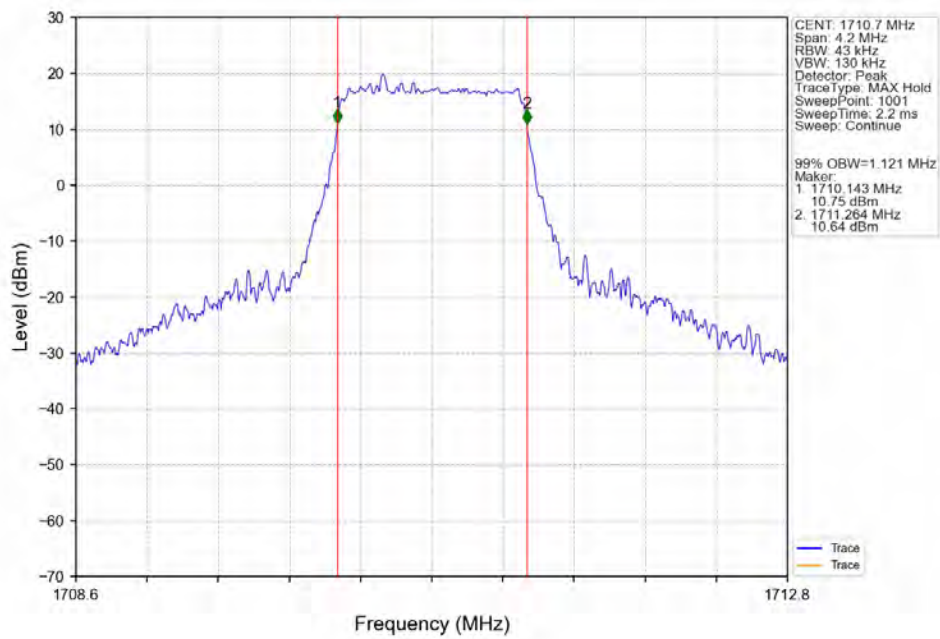
3.2.1 Band66\_OBW



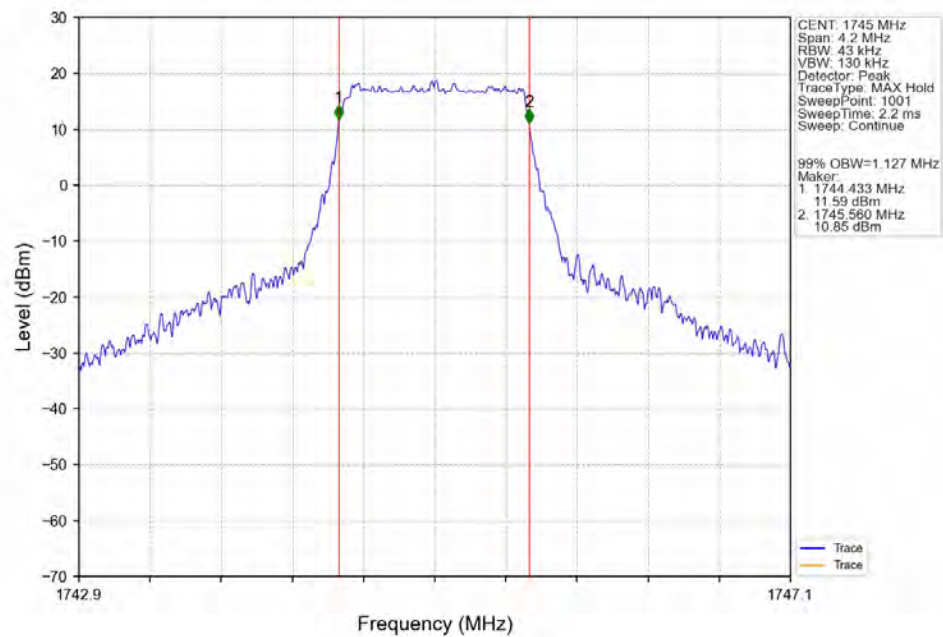
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



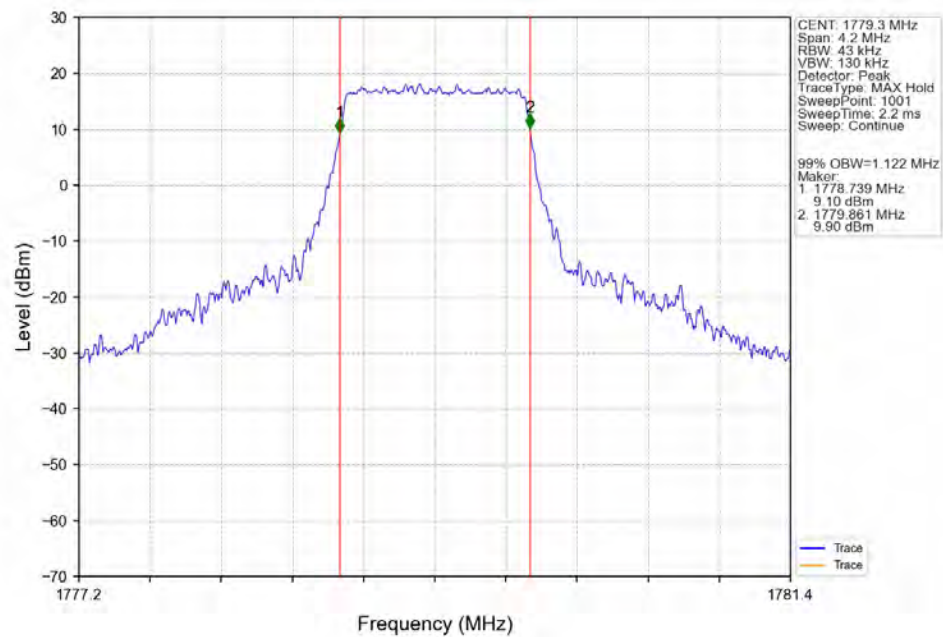
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



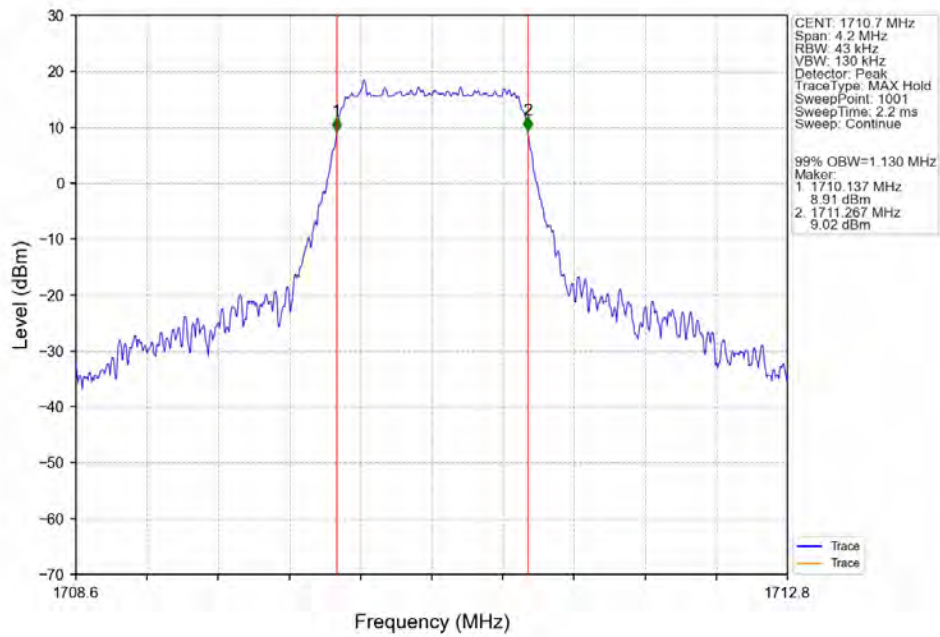
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



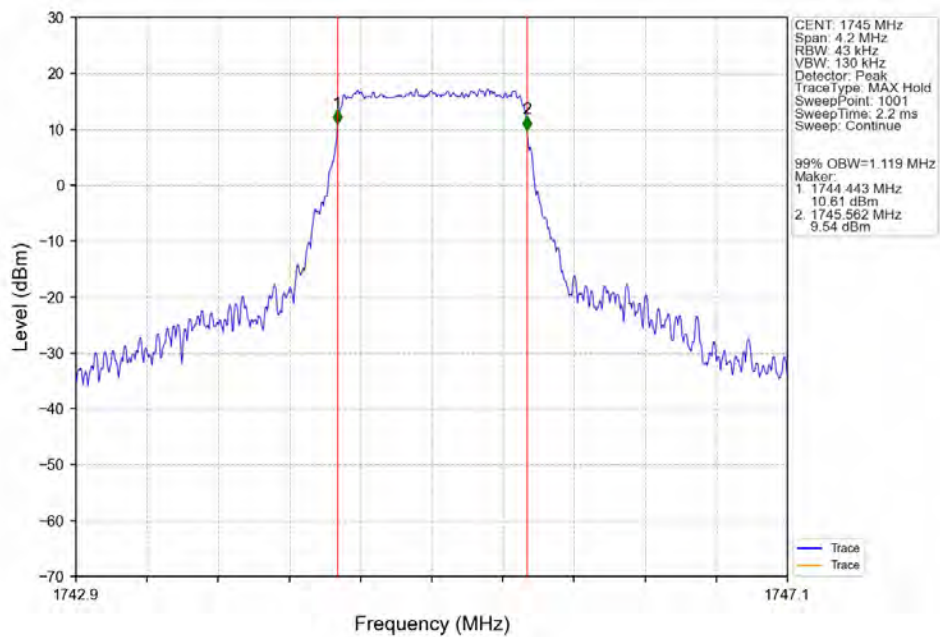
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



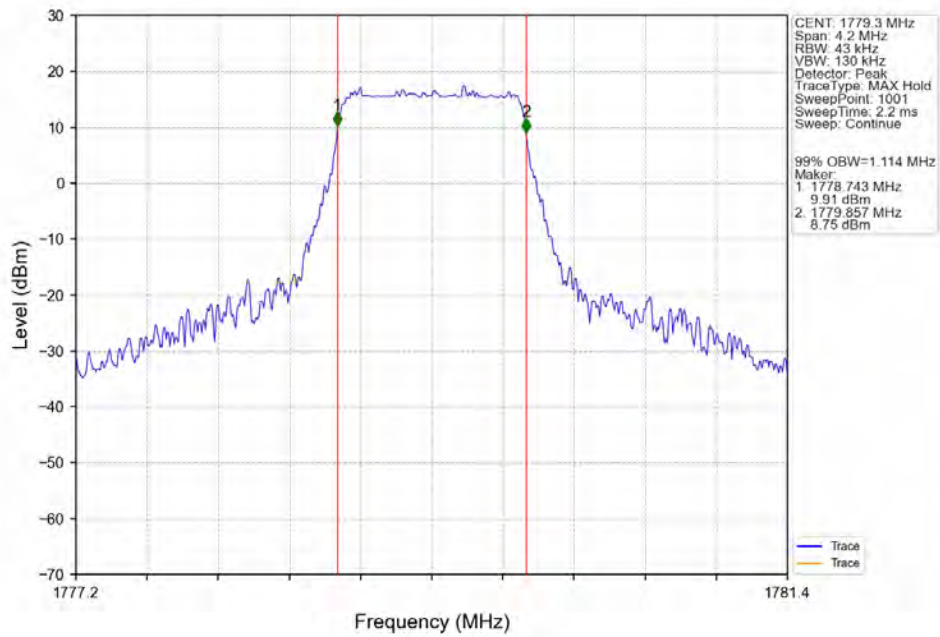
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



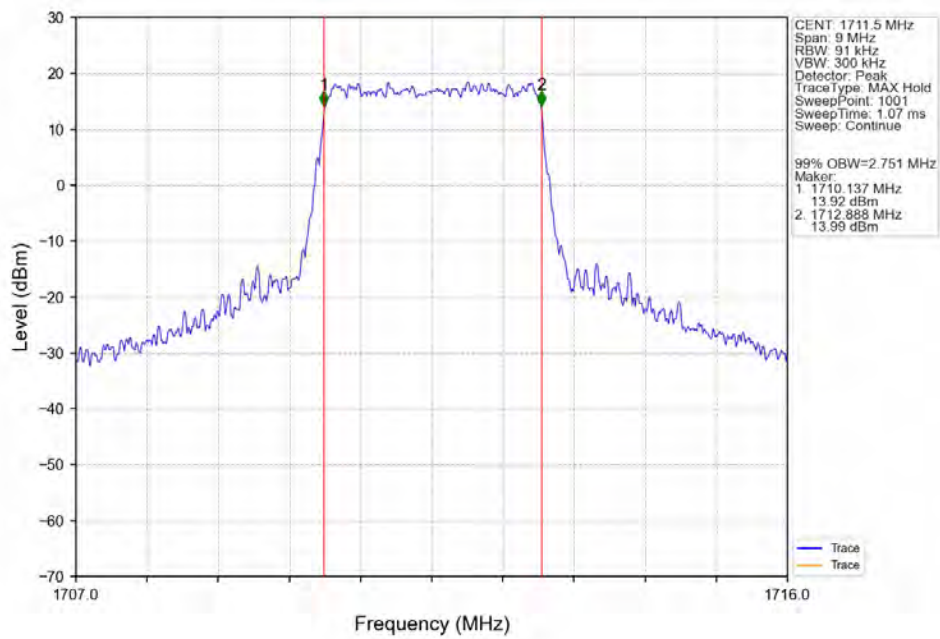
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV



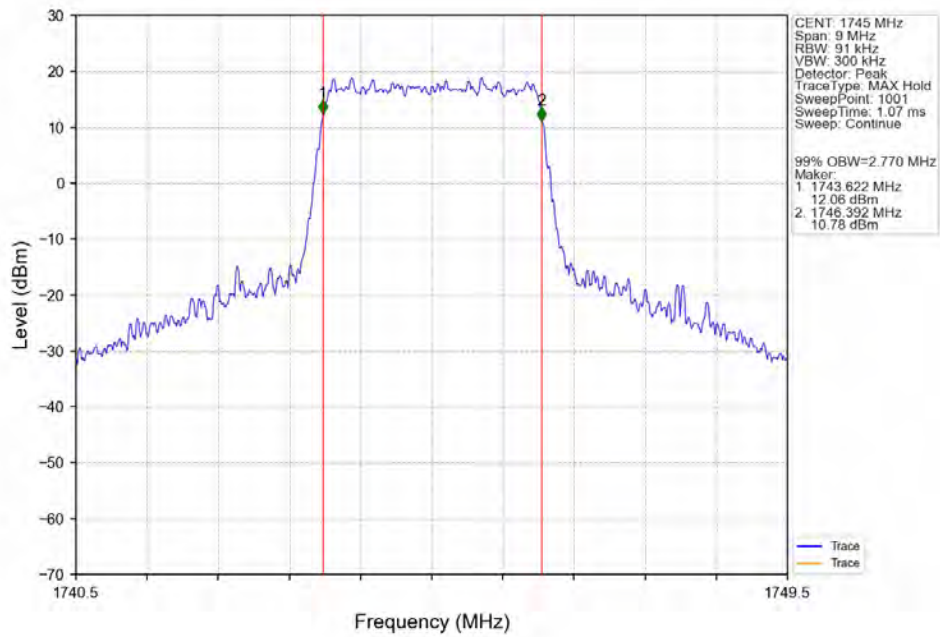
Band66 1.4MHz 64QAM HCH 1779.3MHz RB 6 0 NTNV



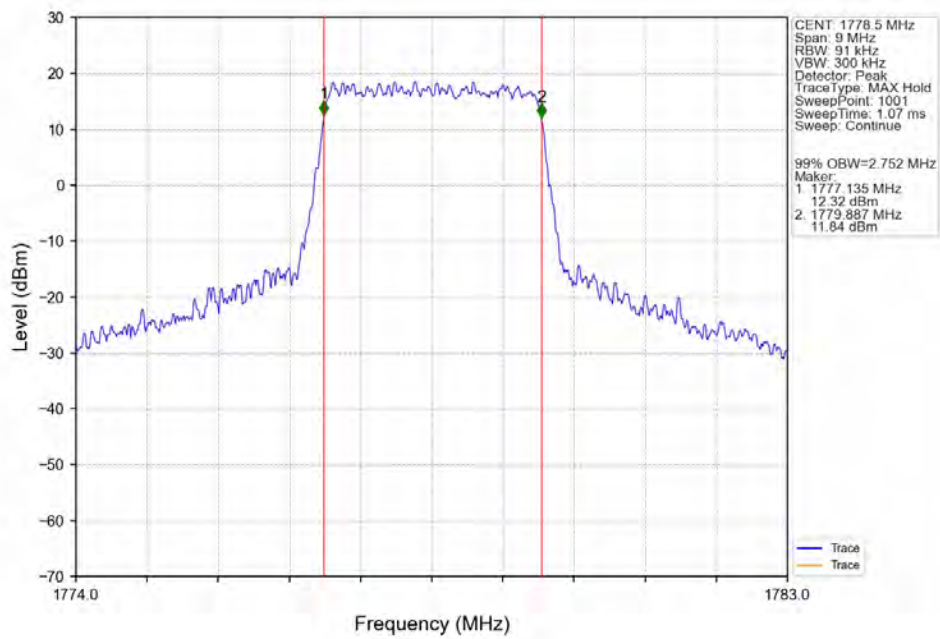
Band66\_3MHz\_QPSK\_LCH 1711.5MHz RB 15 0 NTNV



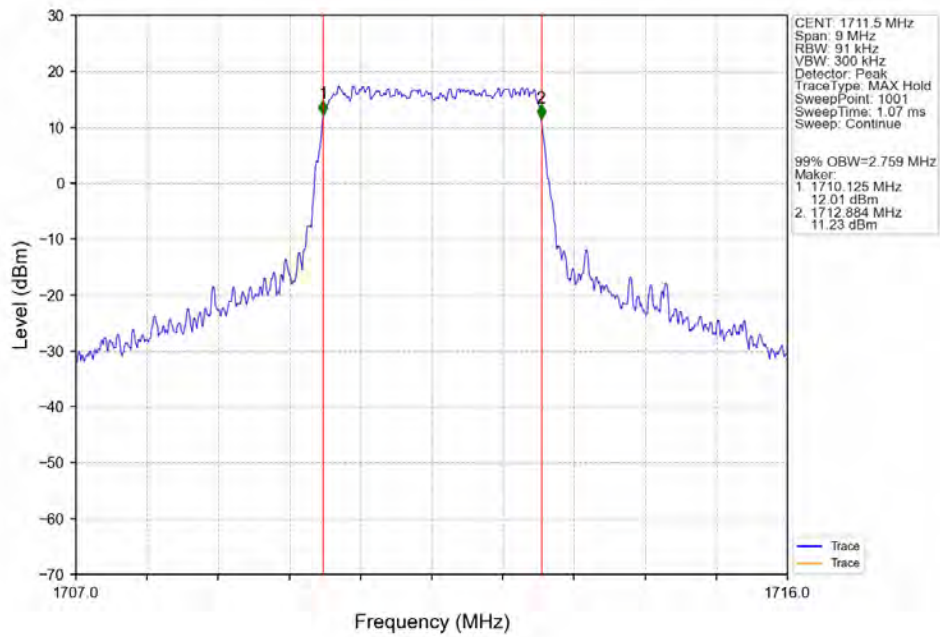
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



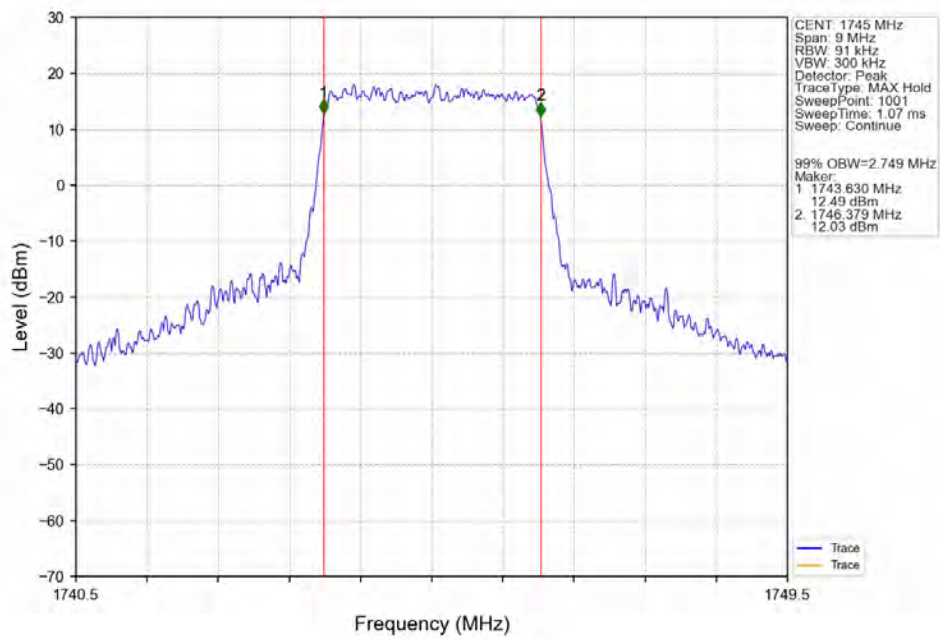
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



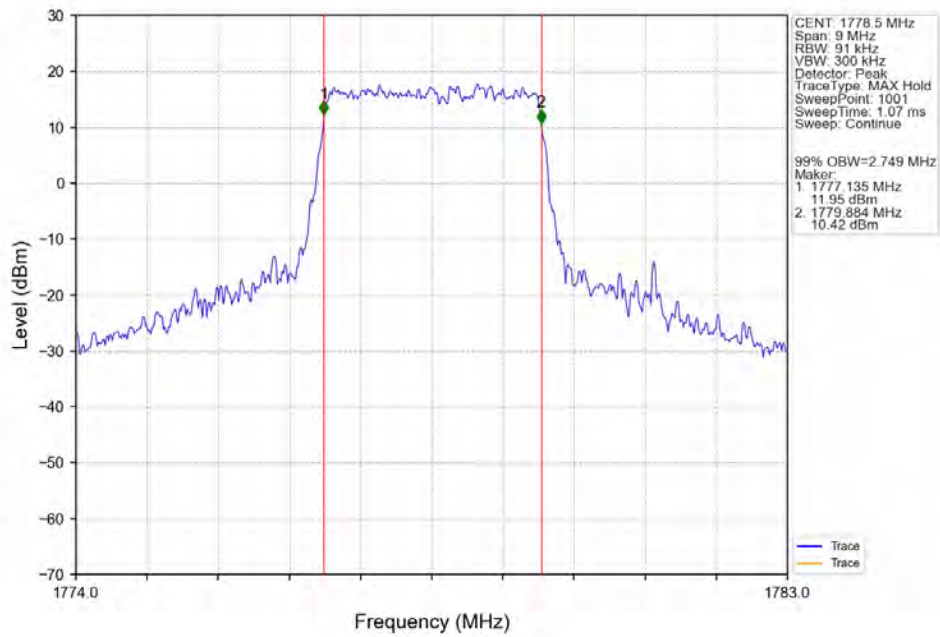
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



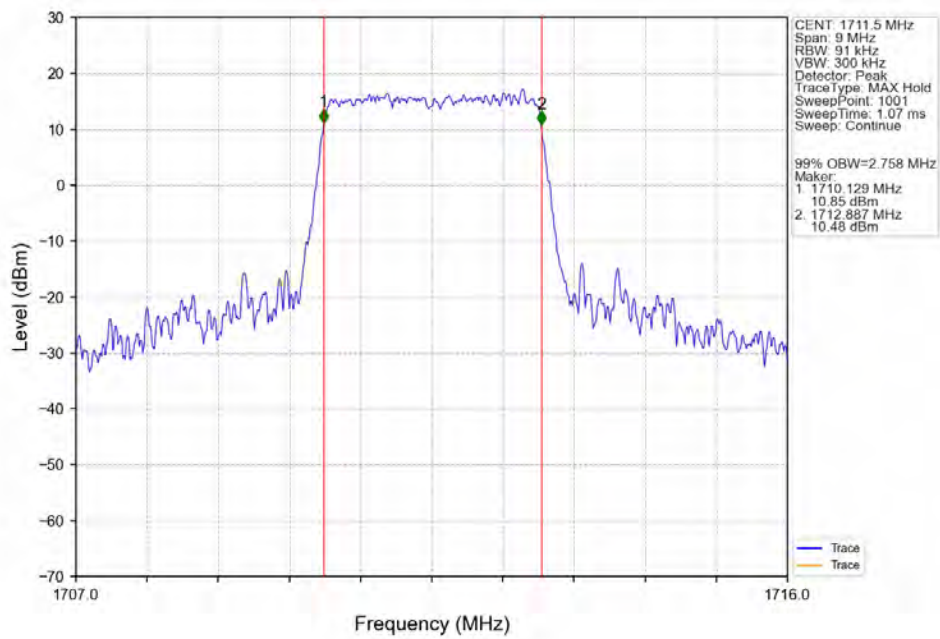
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



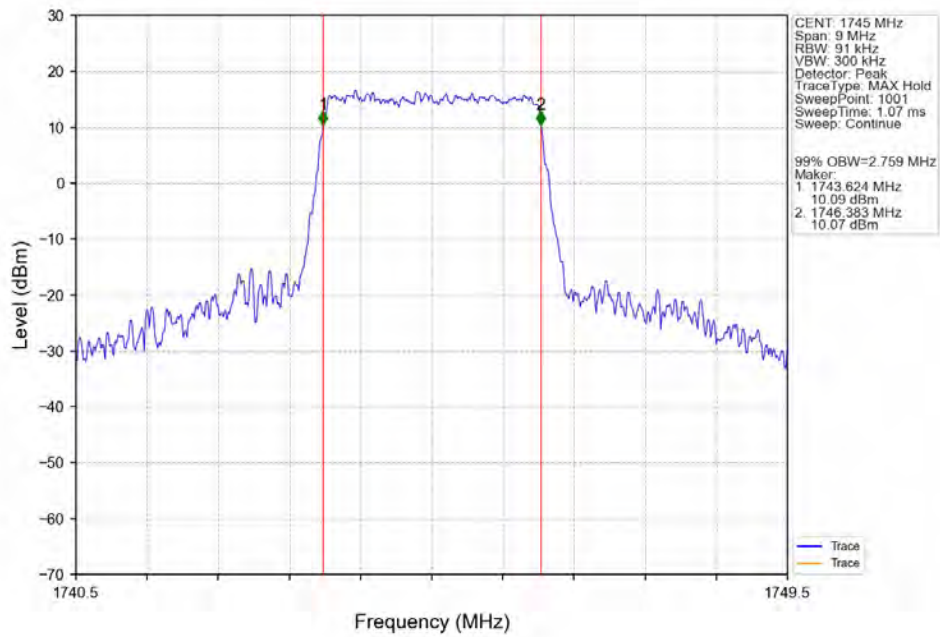
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



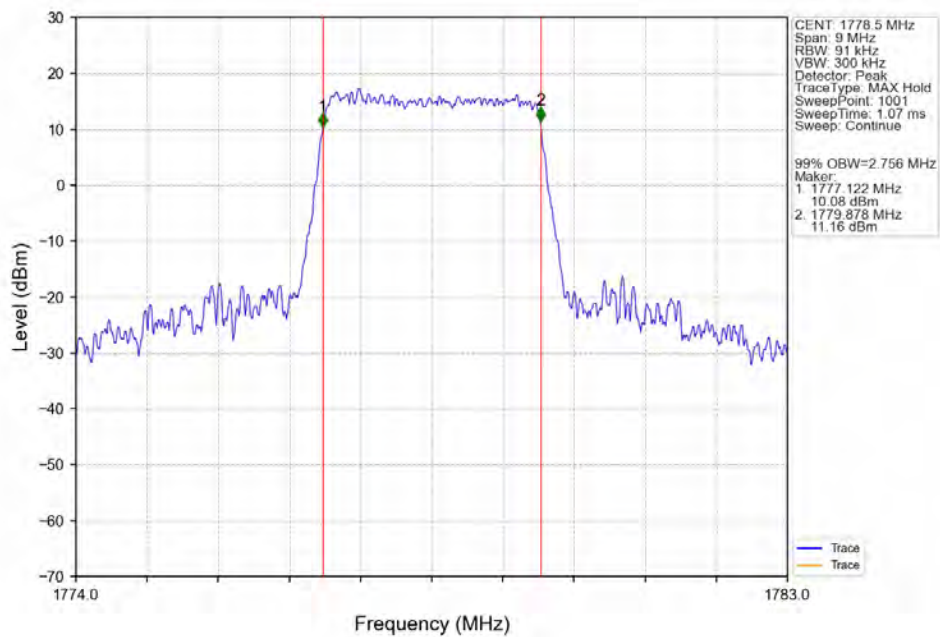
Band66 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



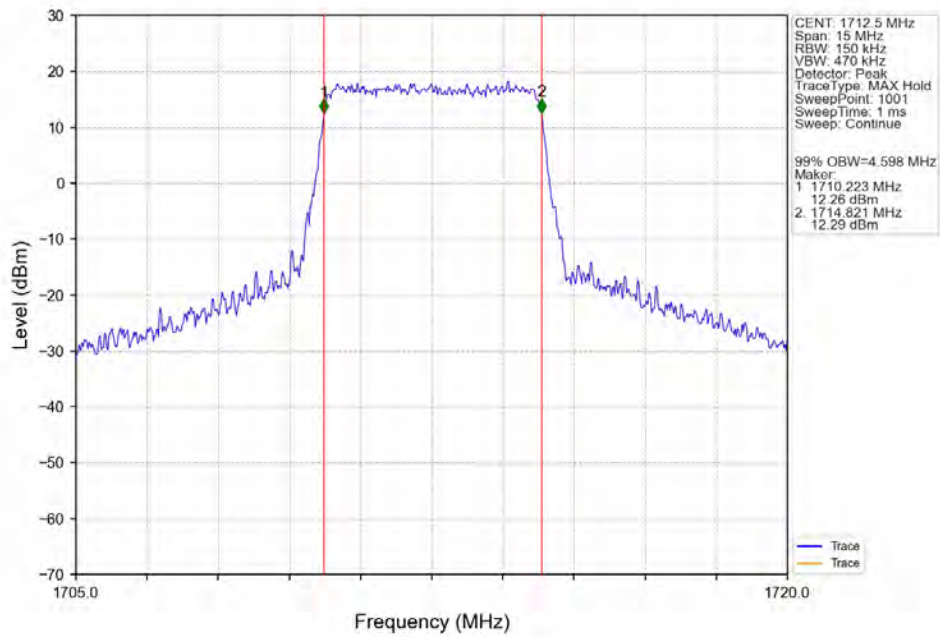
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



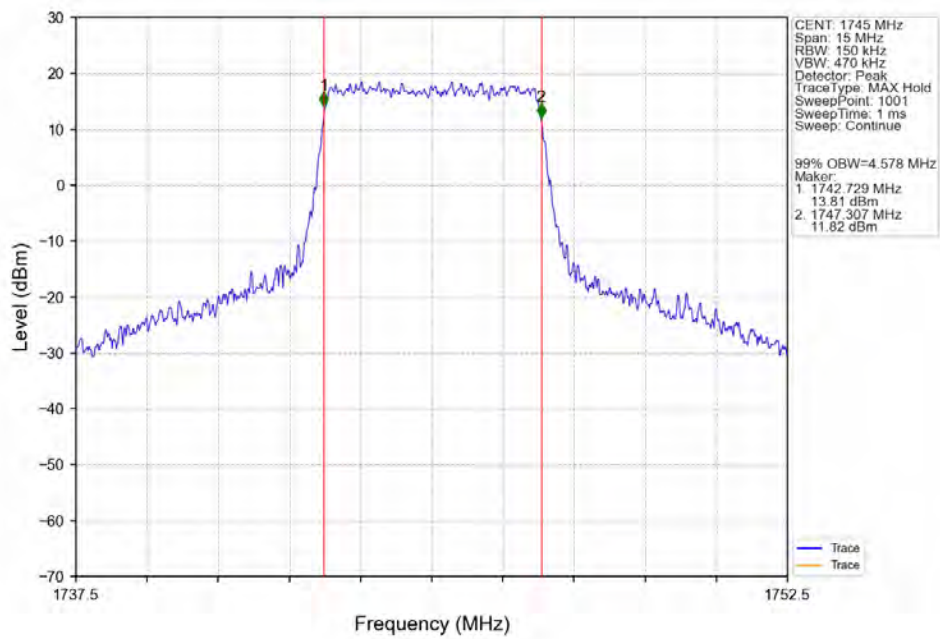
Band66\_3MHz\_64QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



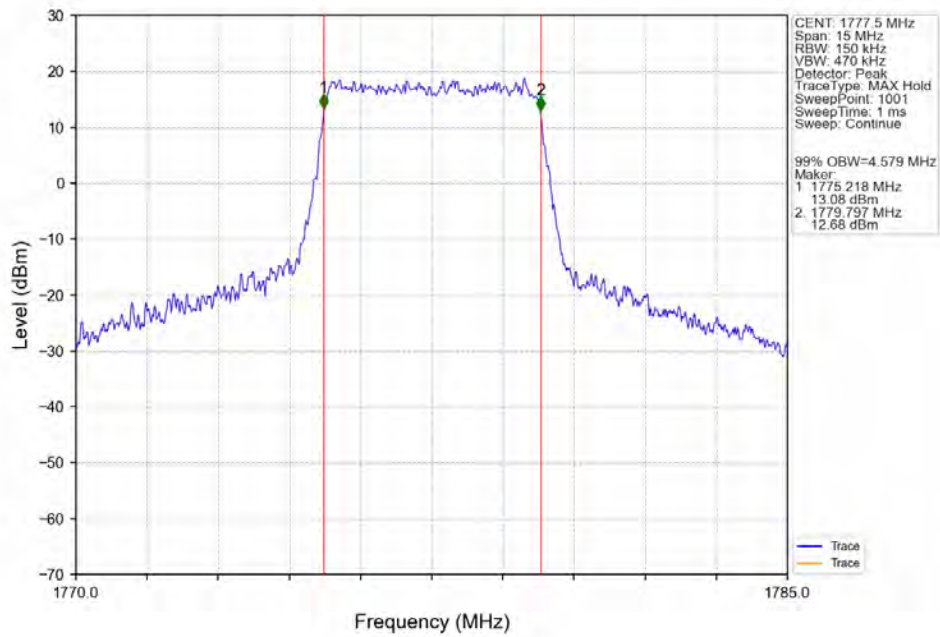
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



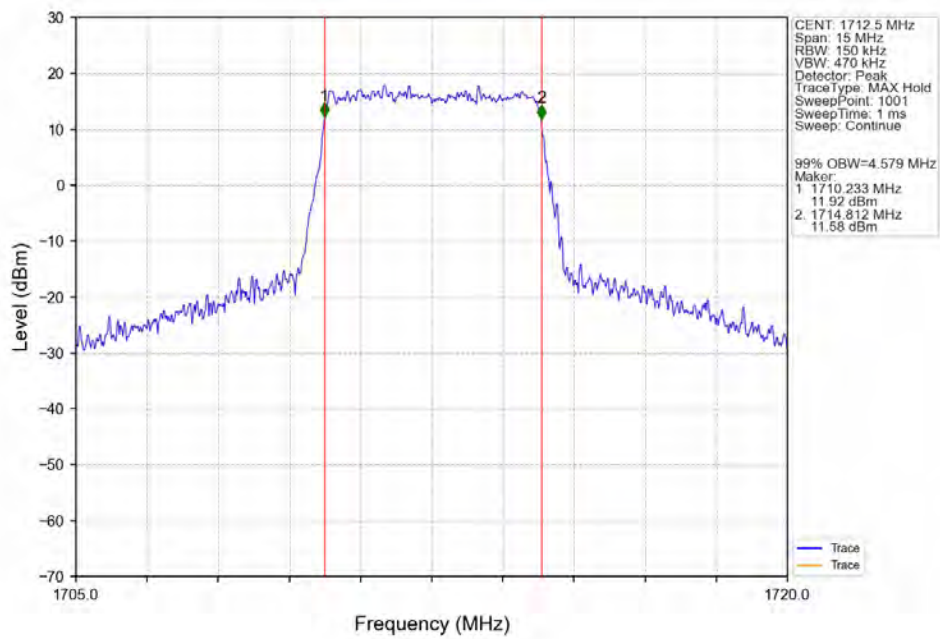
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



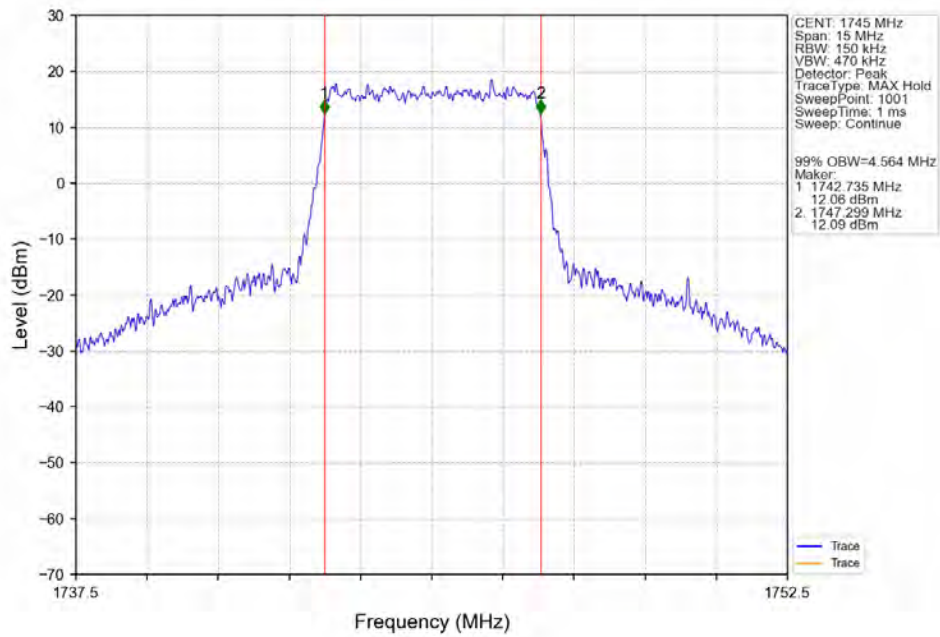
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



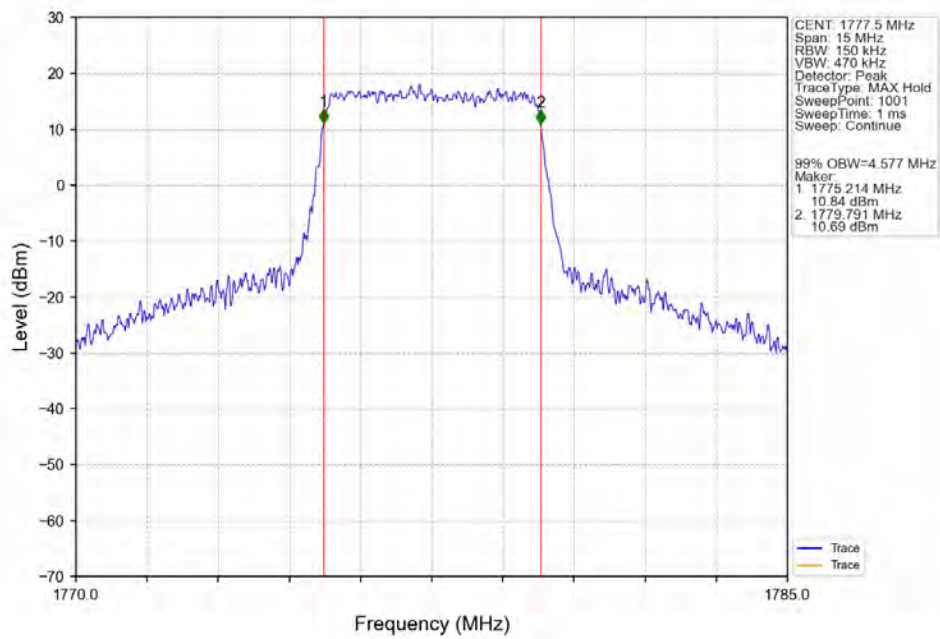
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



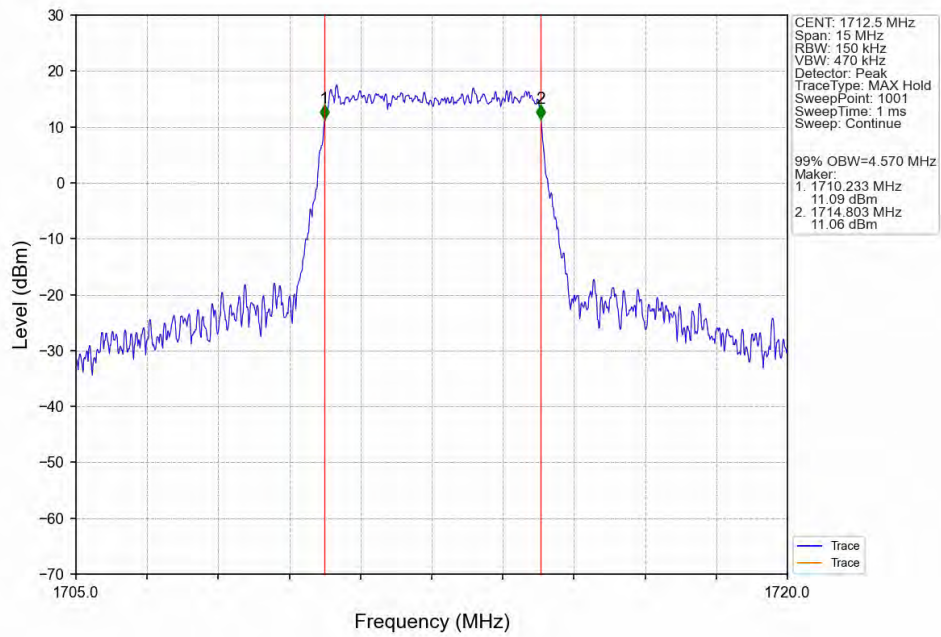
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



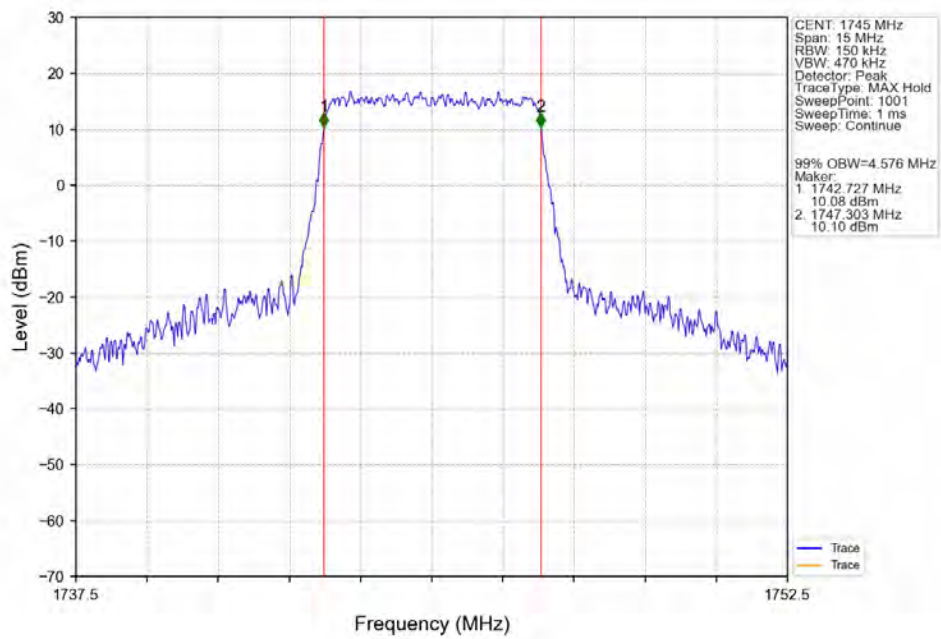
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



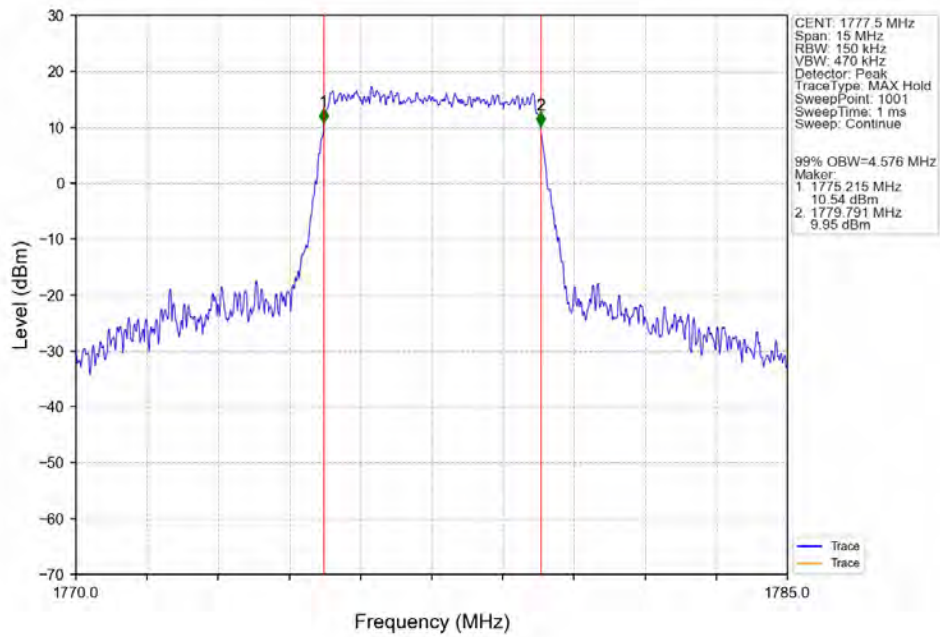
Band66 5MHz 64QAM LCH 1712.5MHz RB 25 0 NTNV



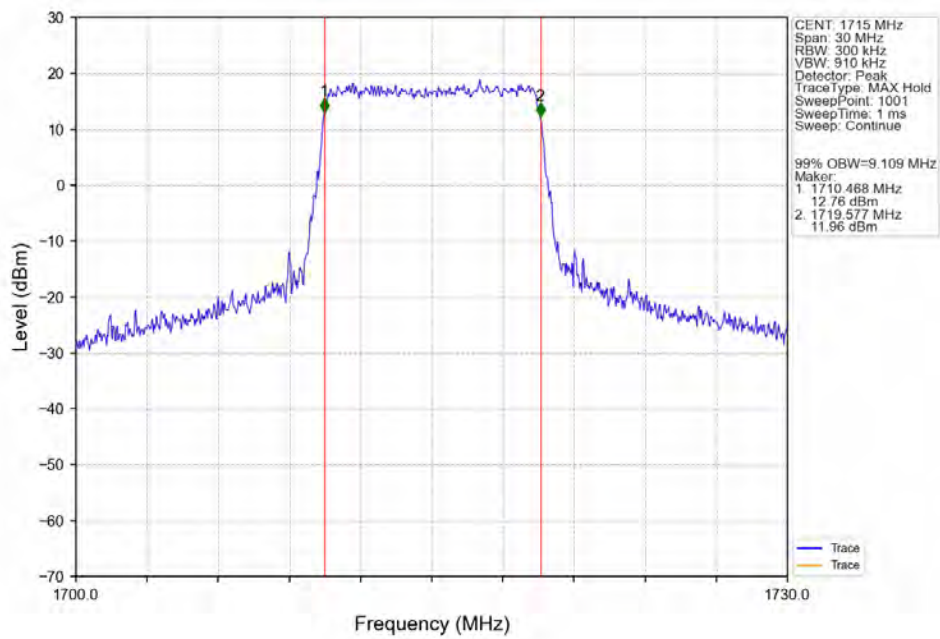
Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



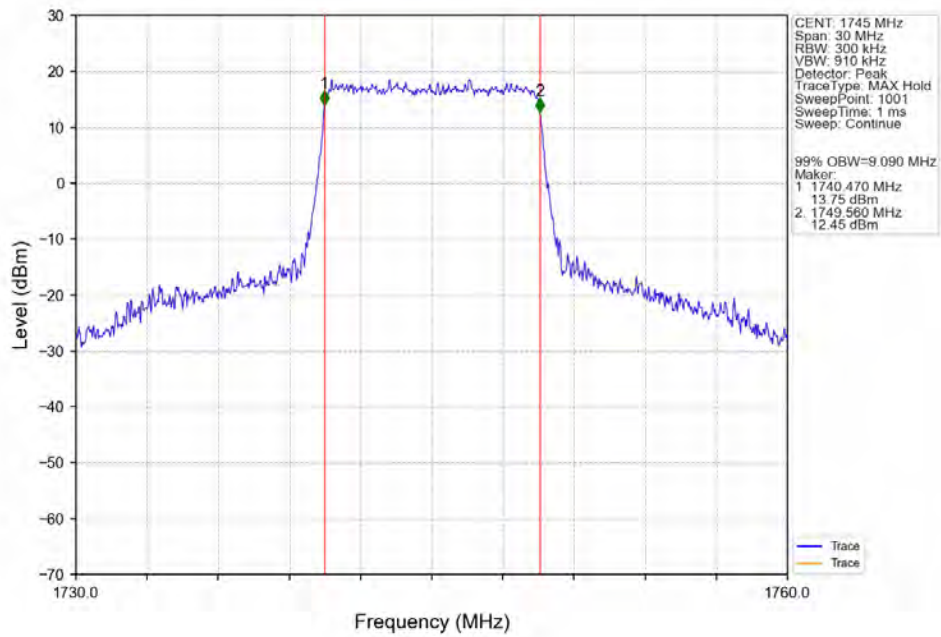
Band66 5MHz 64QAM HCH 1777.5MHz RB 25 0 NTNV



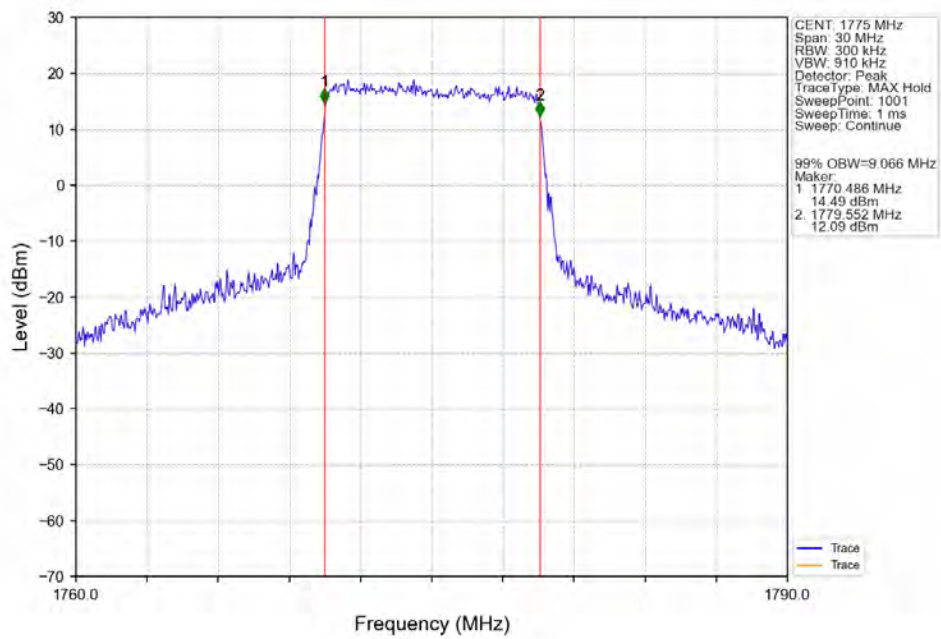
Band66\_10MHz\_QPSK\_LCH 1715MHz RB 50 0 NTNV



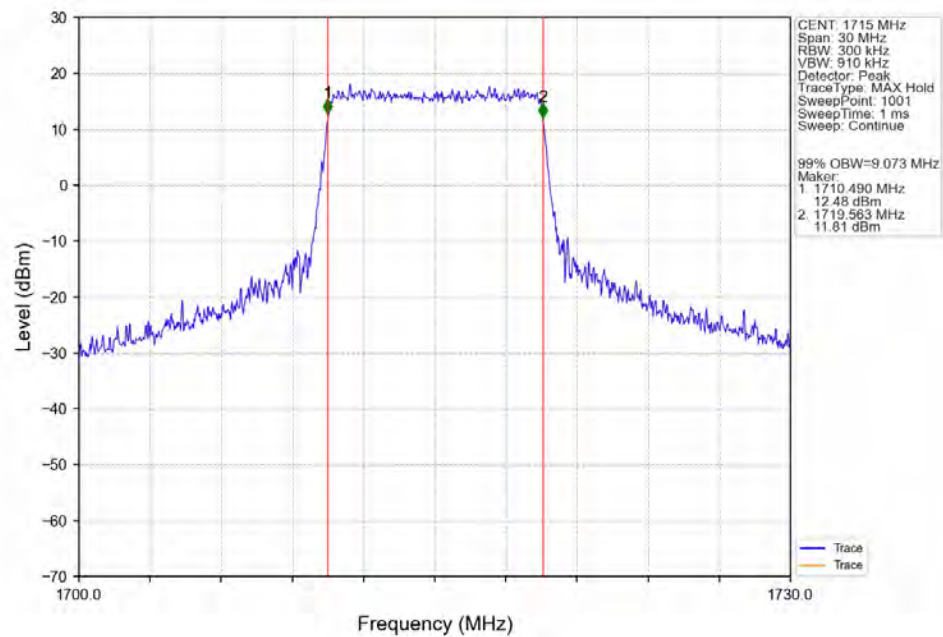
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



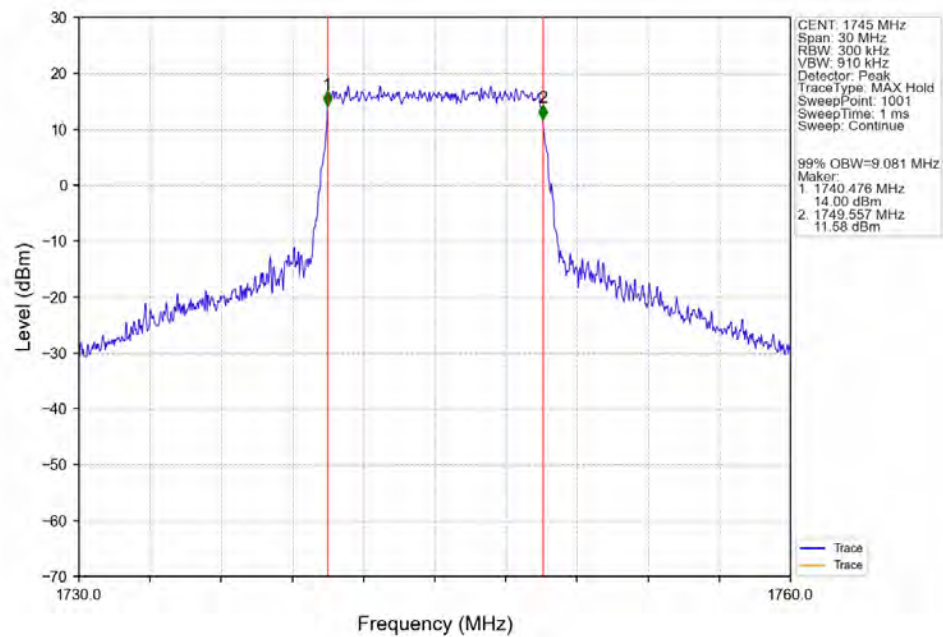
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



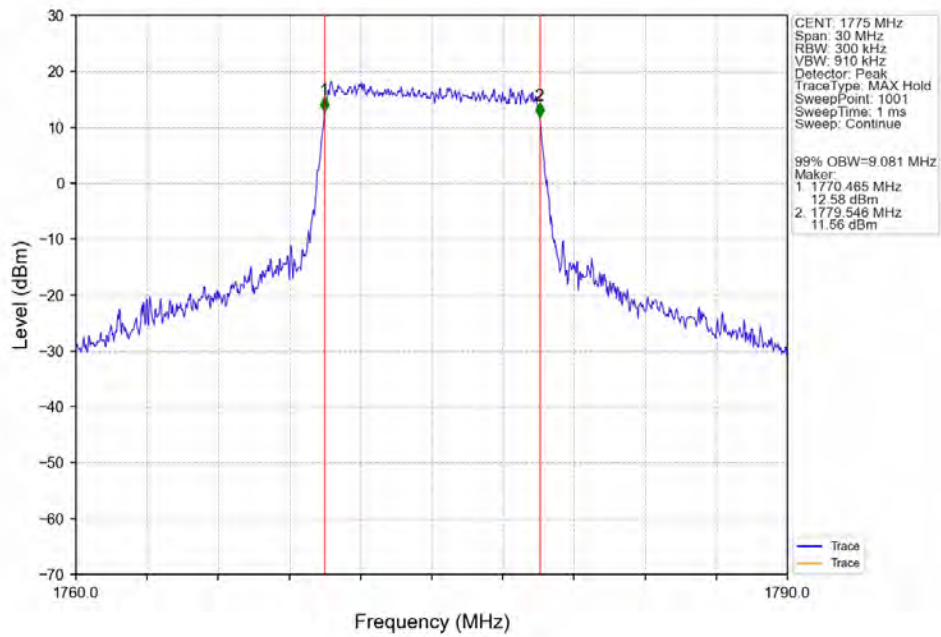
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



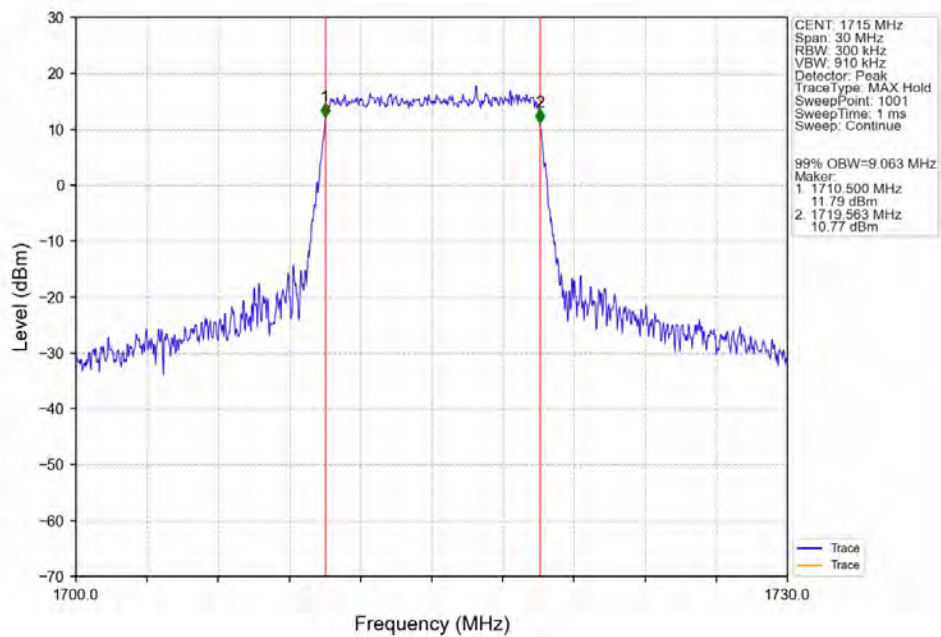
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



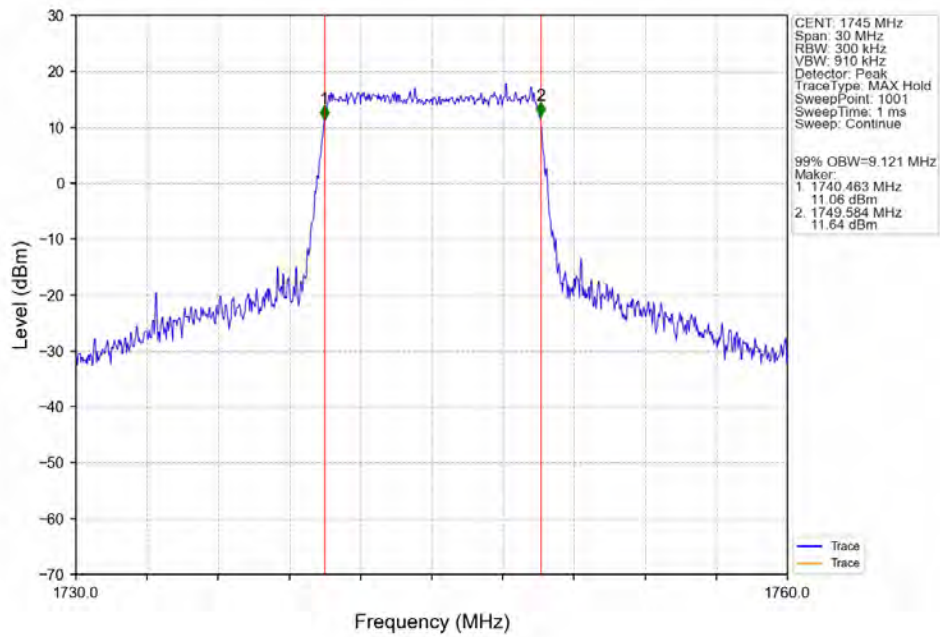
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



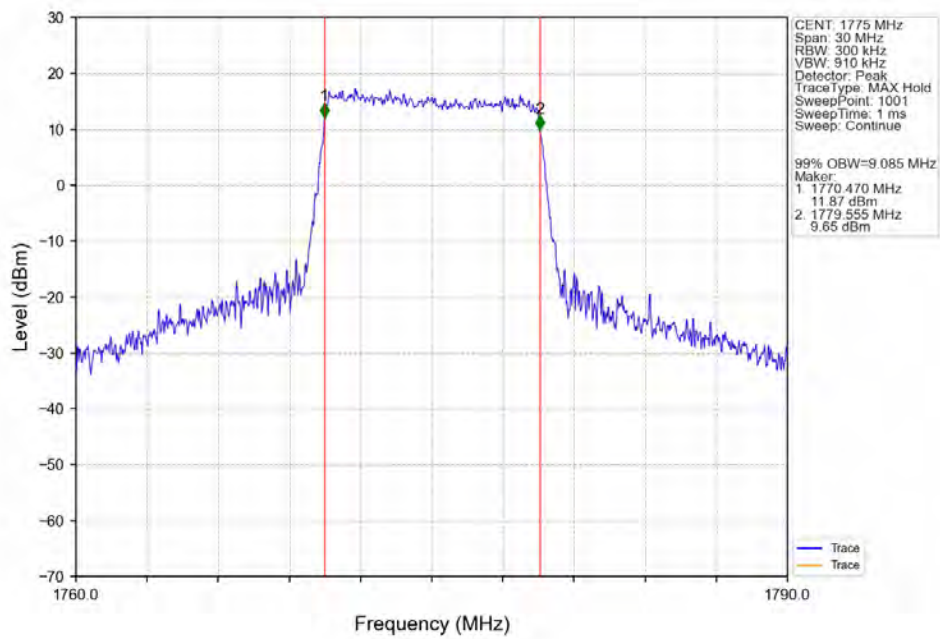
Band66 10MHz 64QAM LCH 1715MHz RB 50 0 NTNV



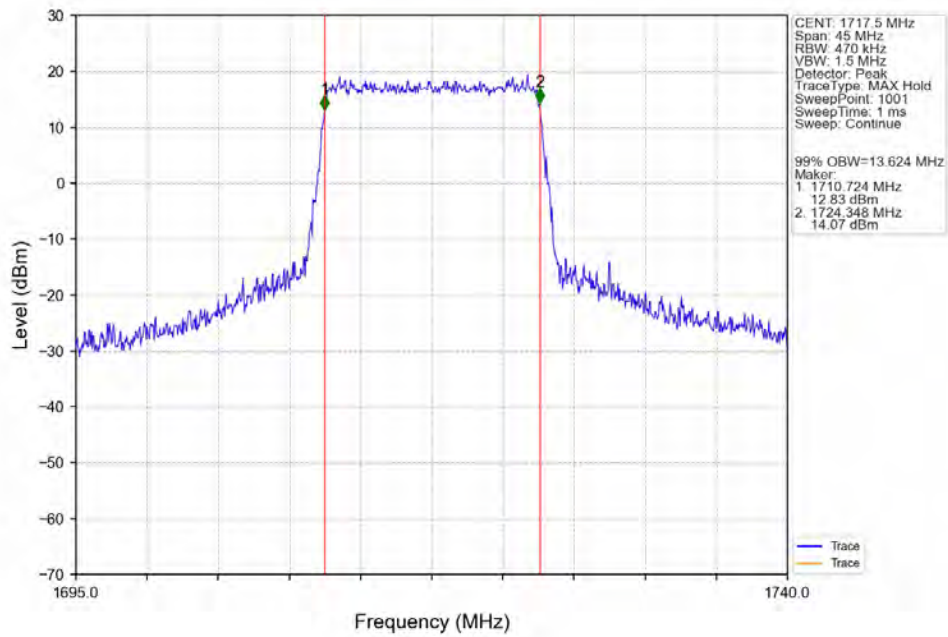
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



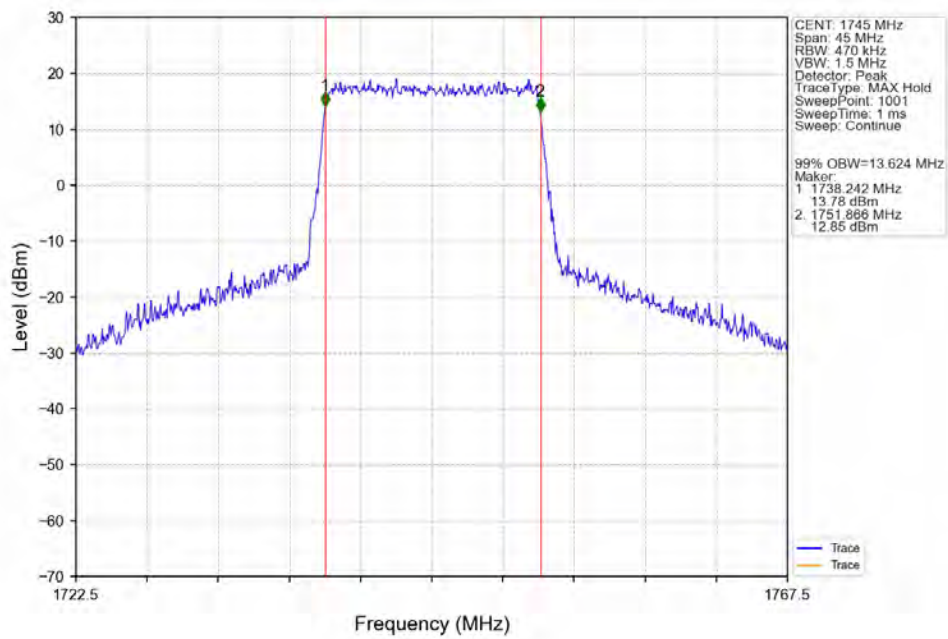
Band66 10MHz 64QAM HCH 1775MHz RB 50 0 NTNV



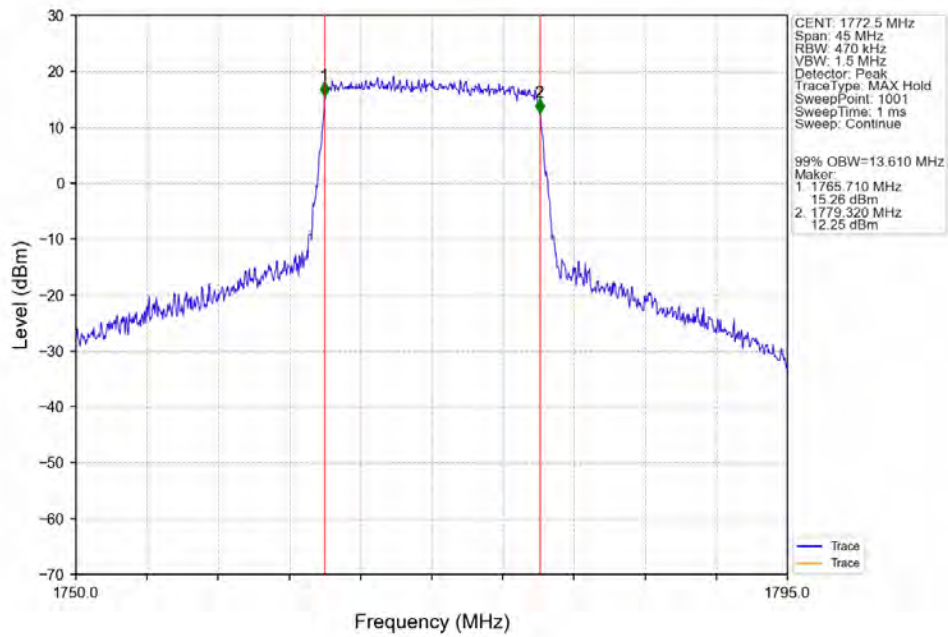
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



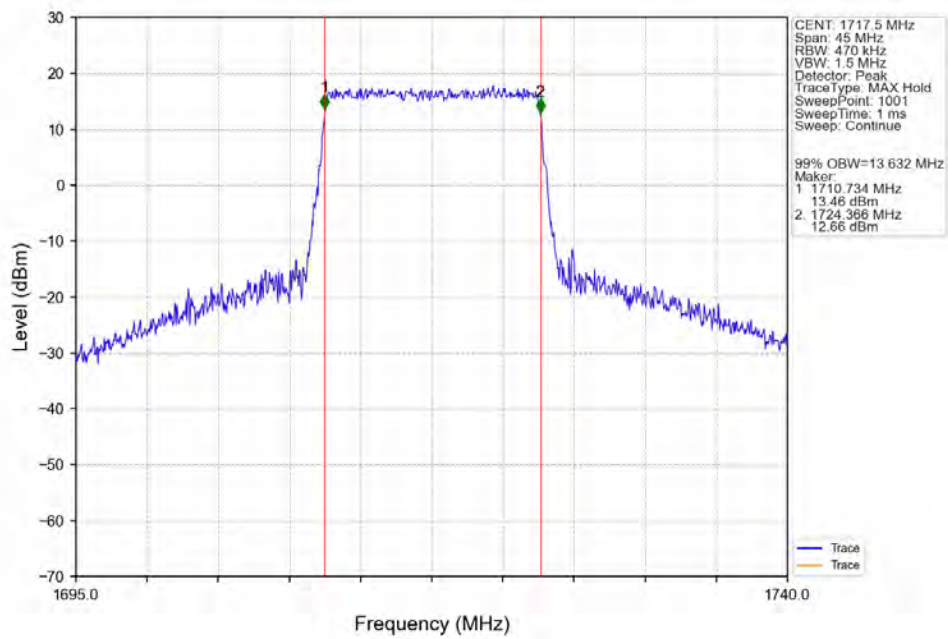
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



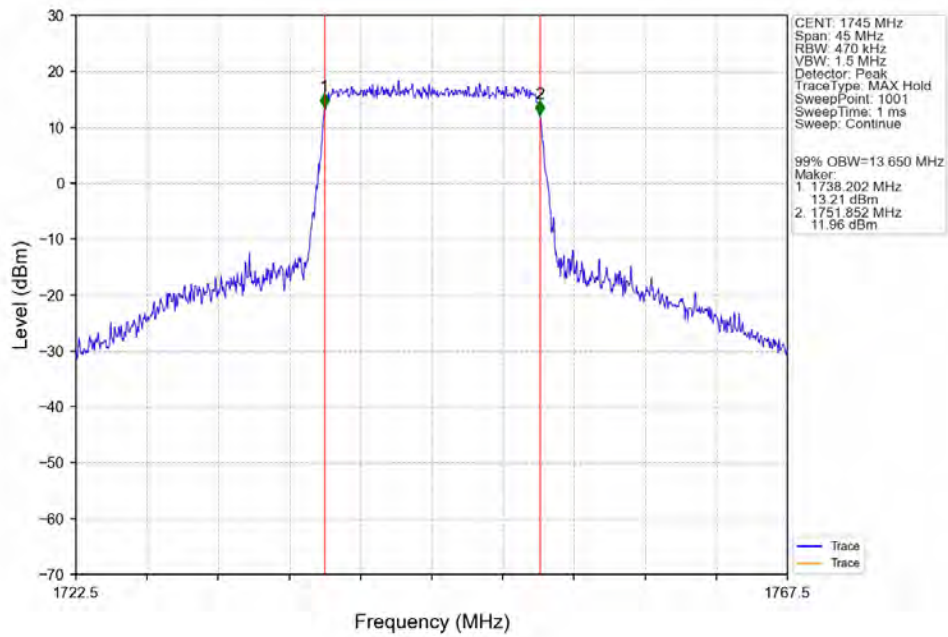
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



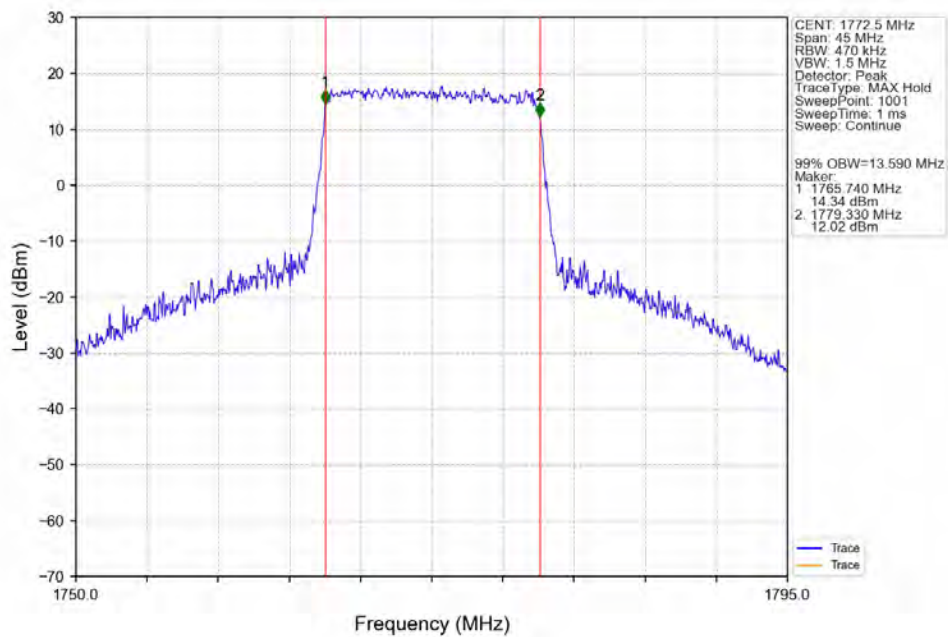
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



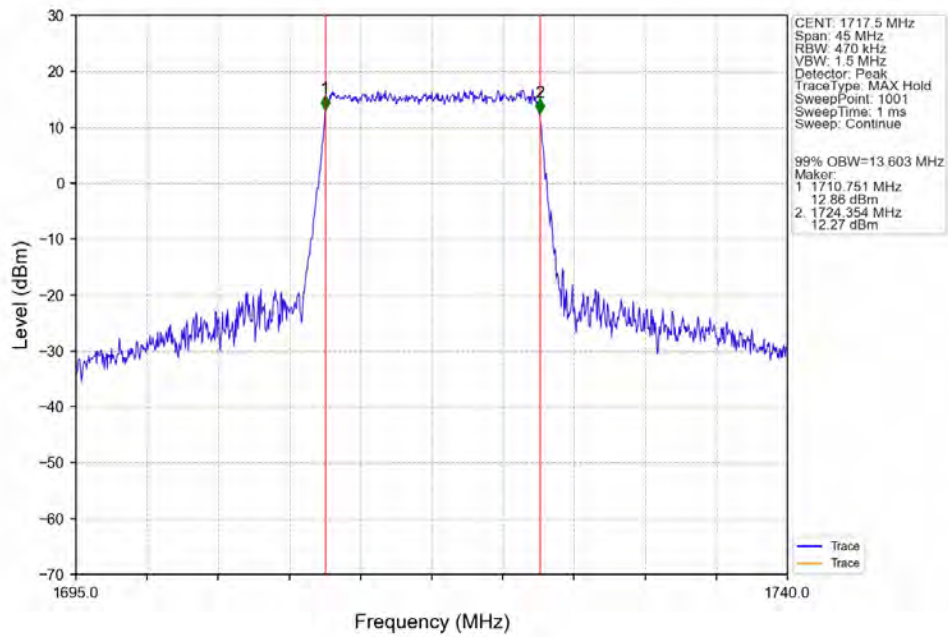
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



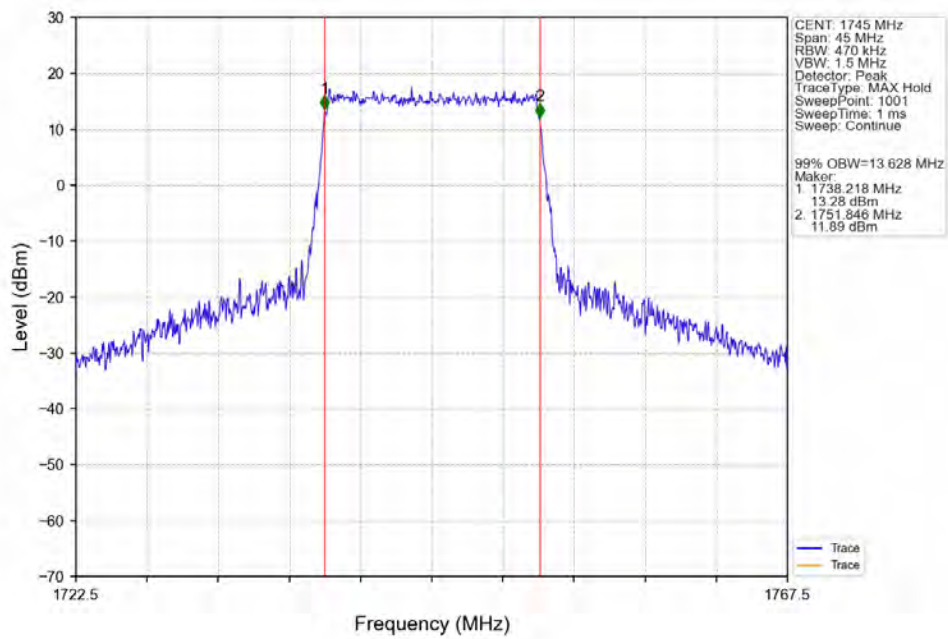
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



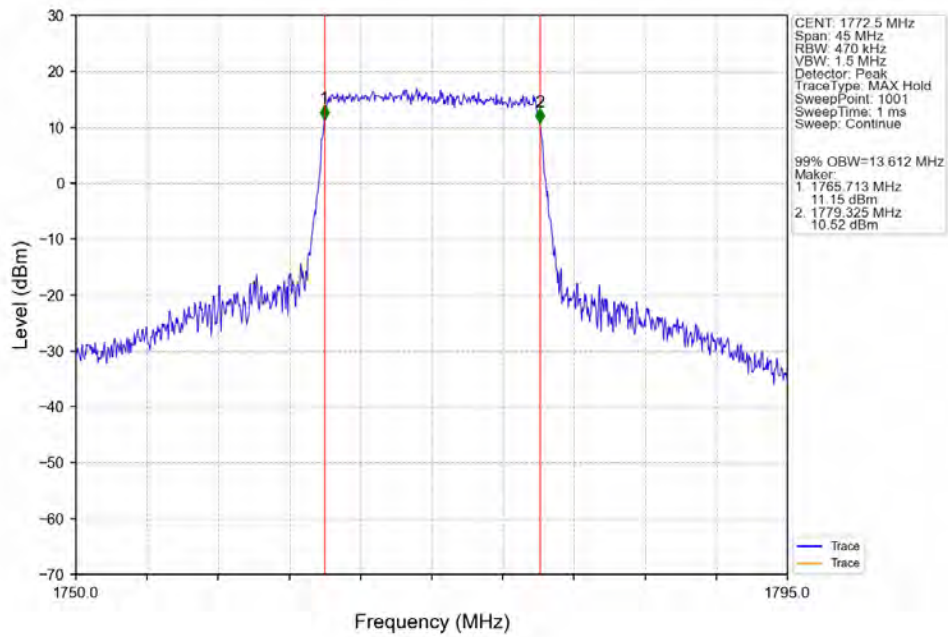
Band66\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



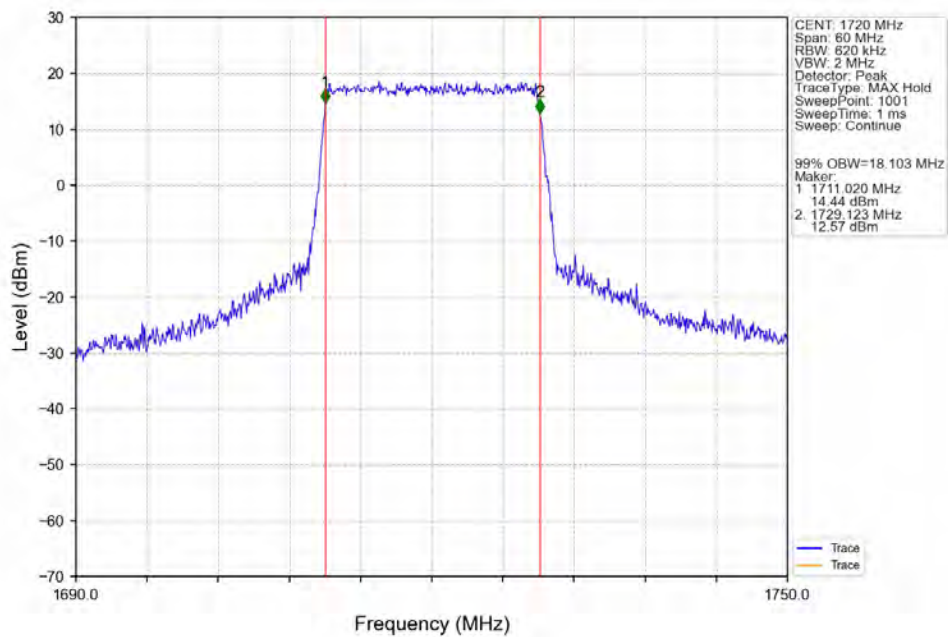
Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



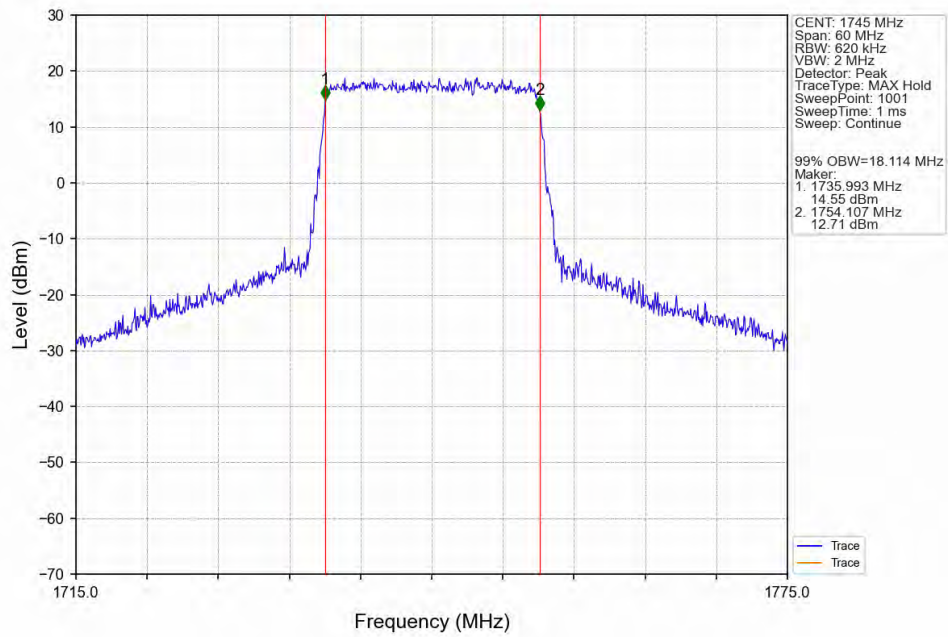
Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



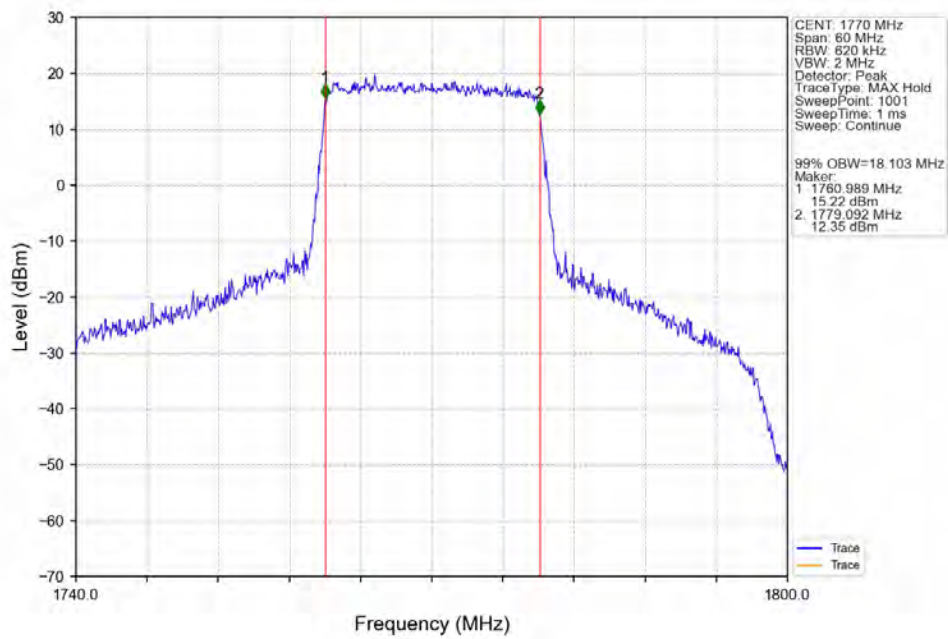
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



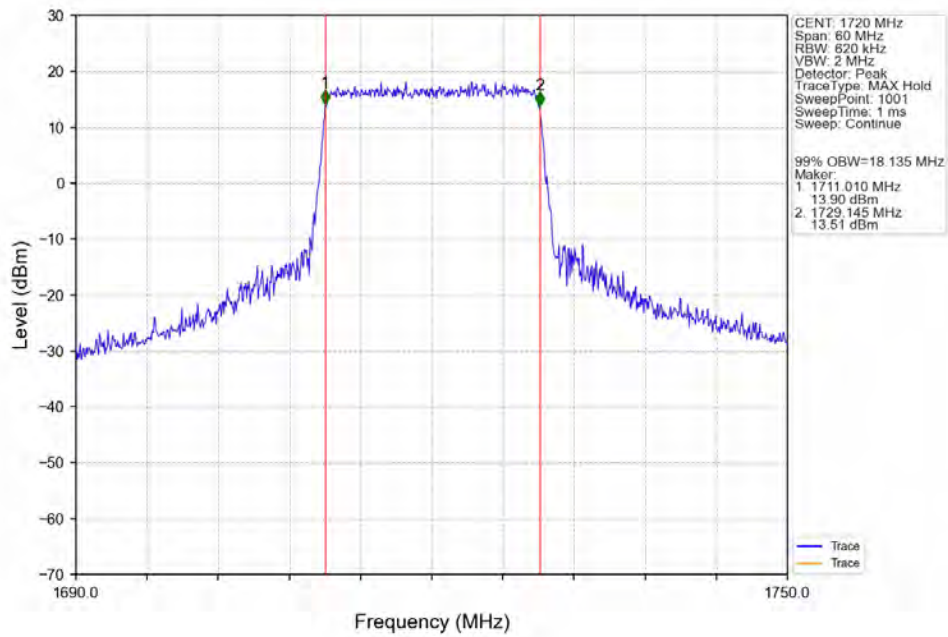
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



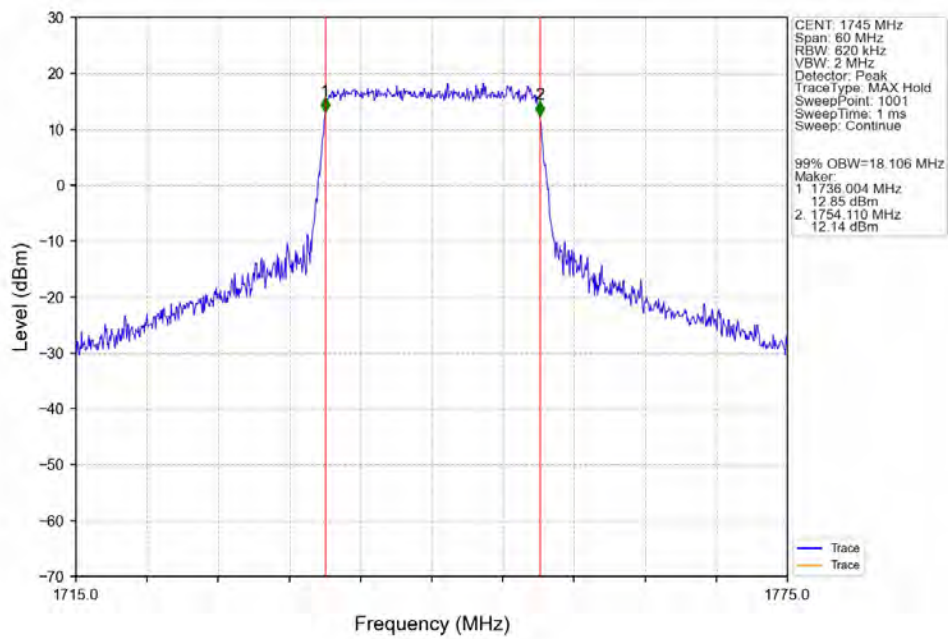
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



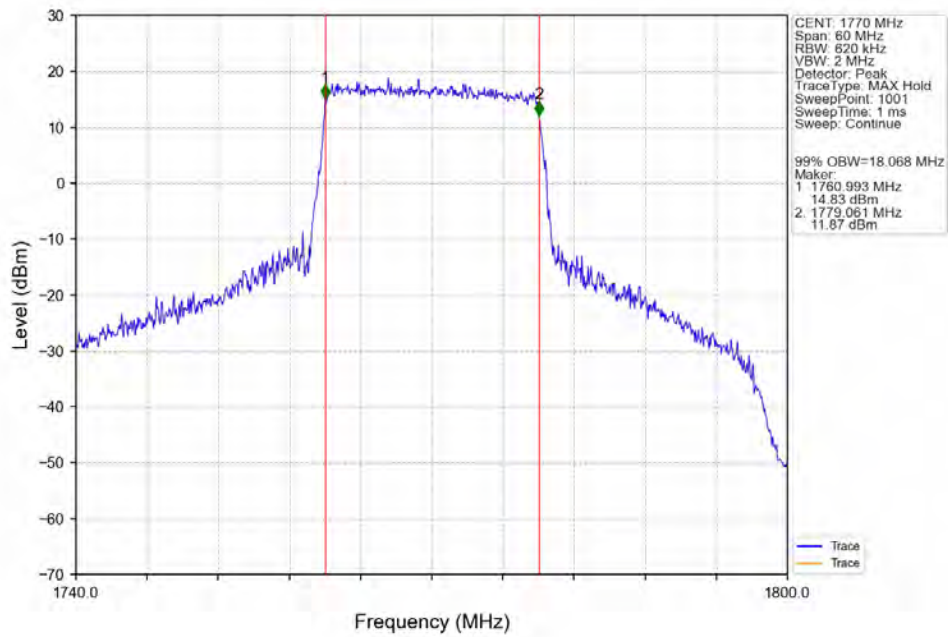
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



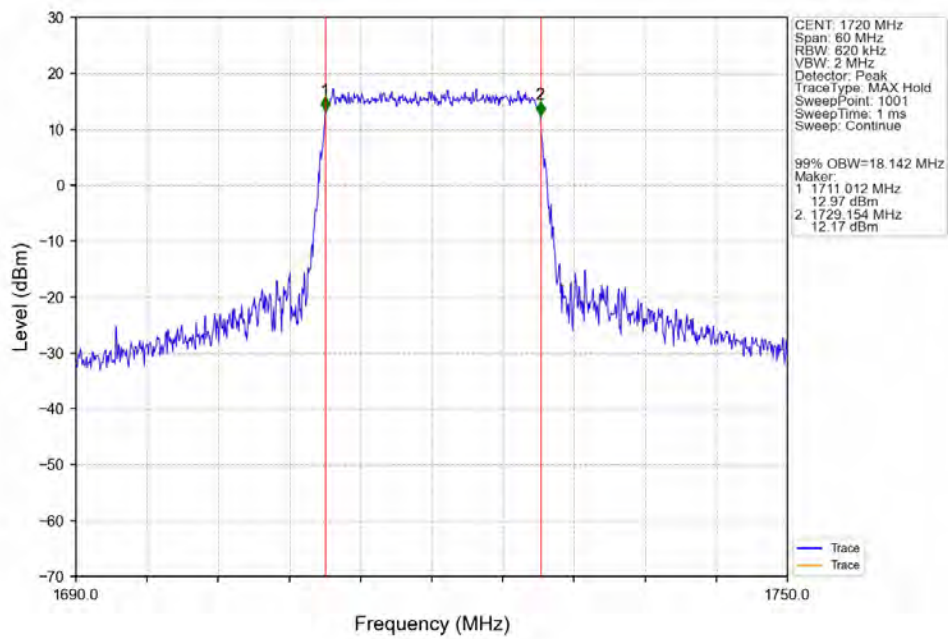
Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



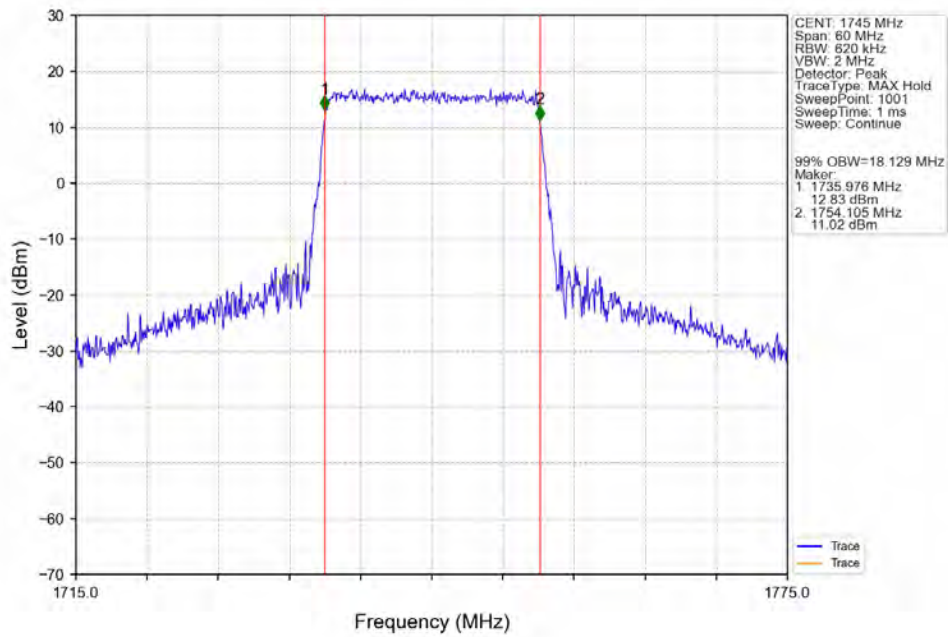
Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



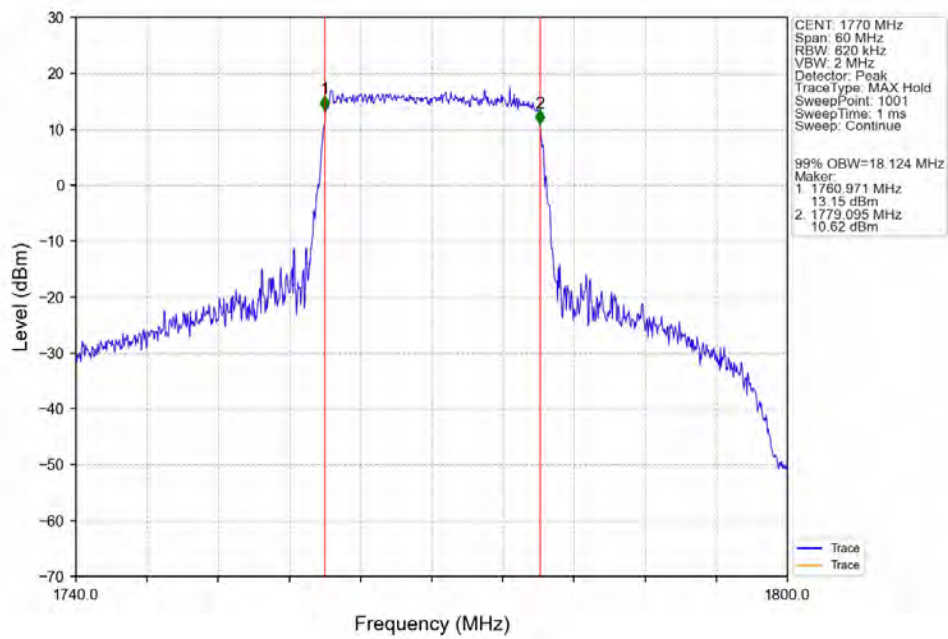
Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



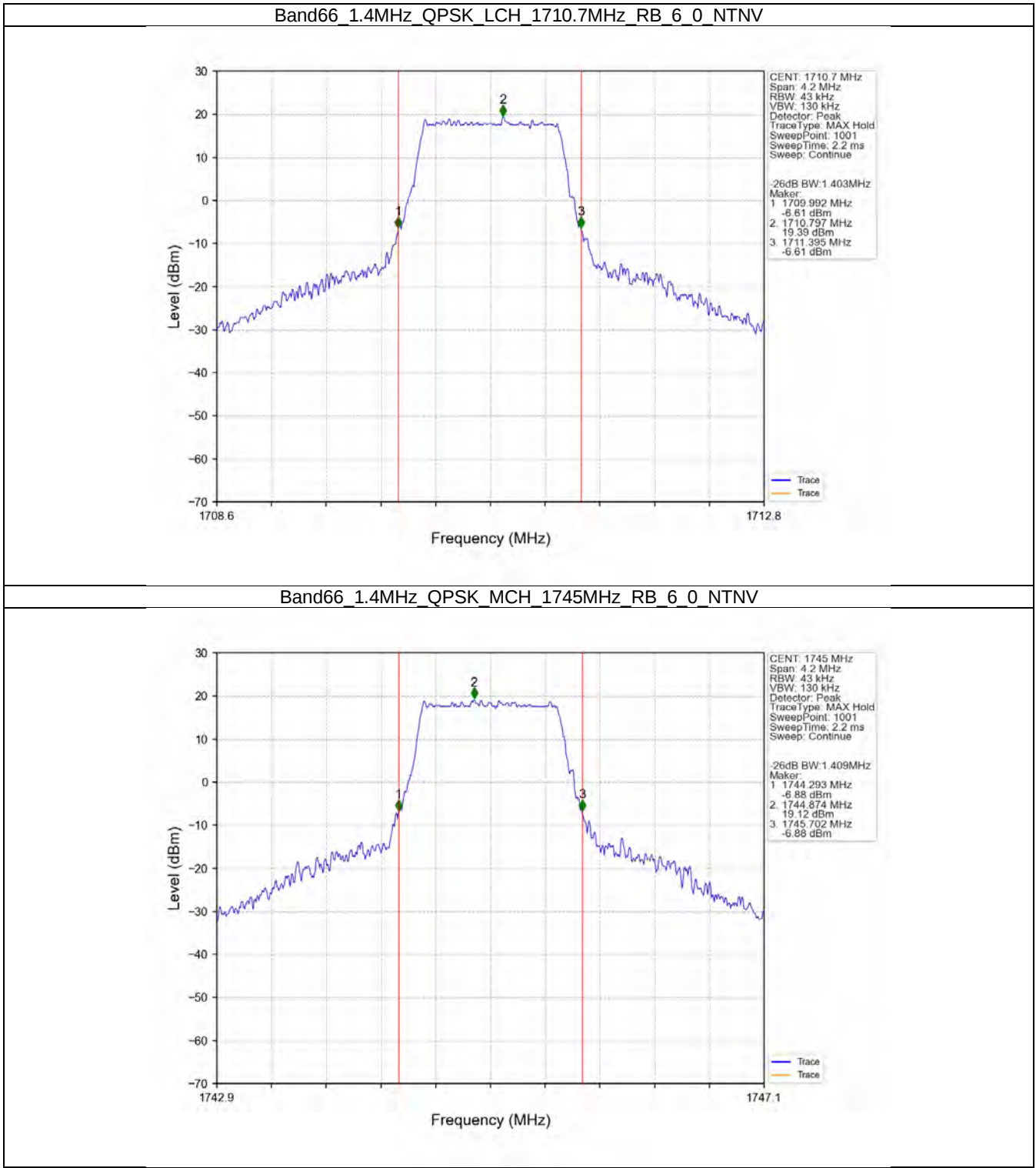
Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



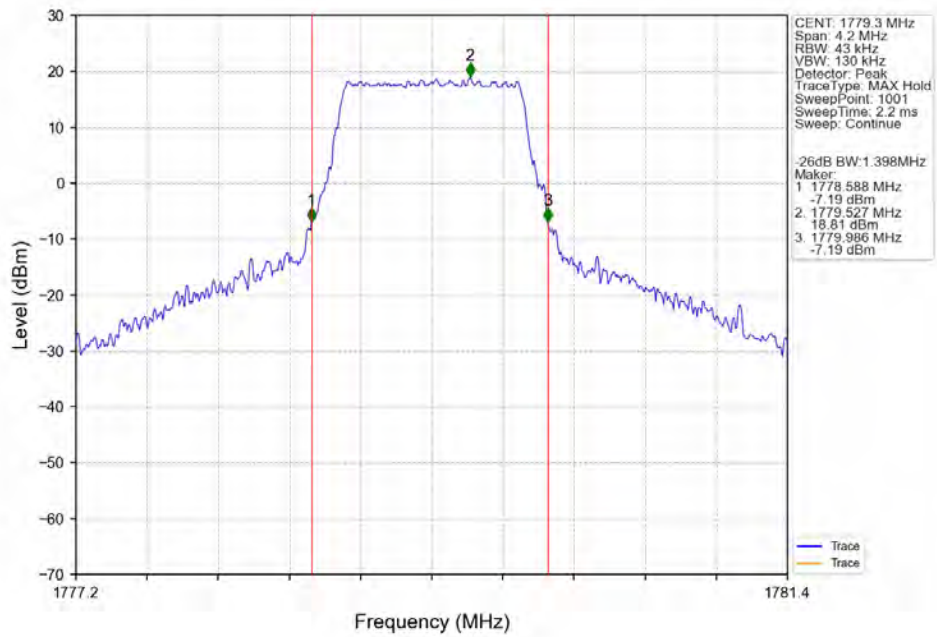
Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



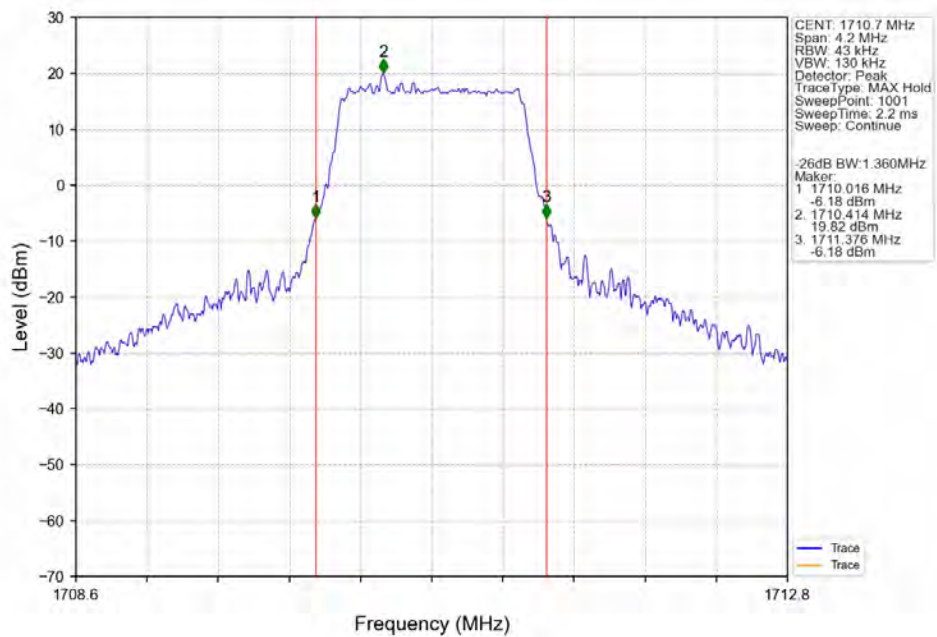
3.2.2 Band66\_XDB



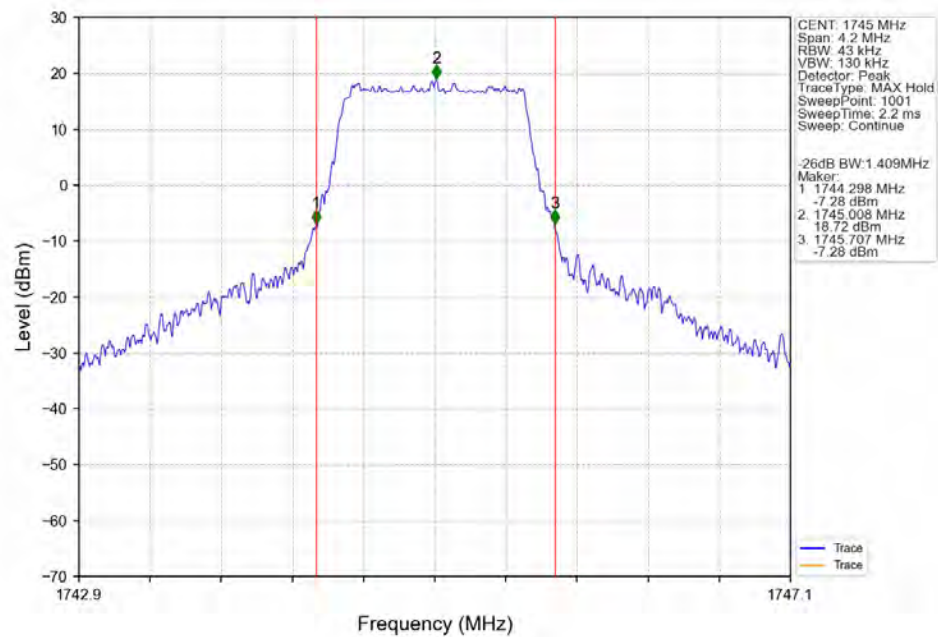
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



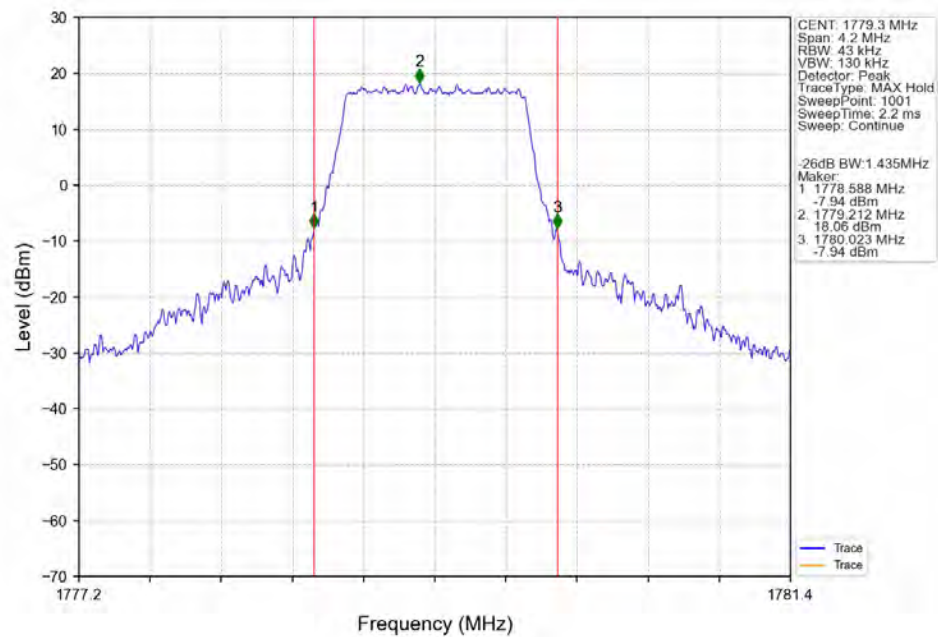
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



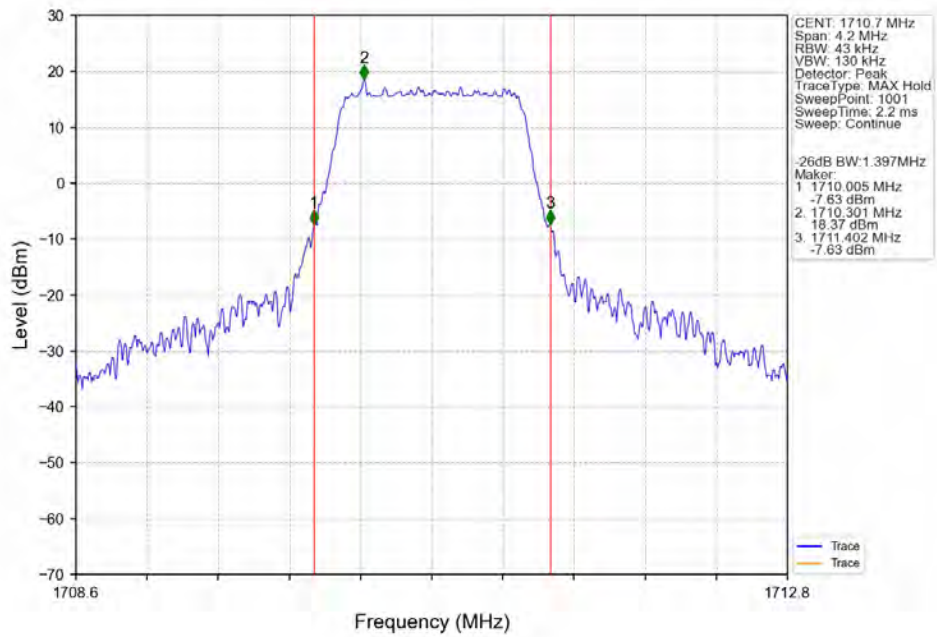
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



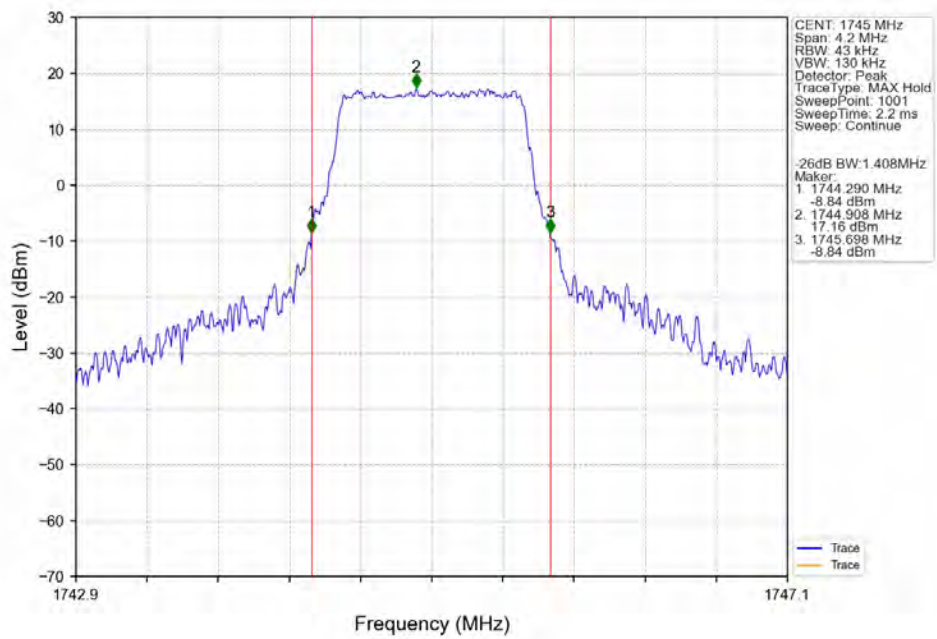
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



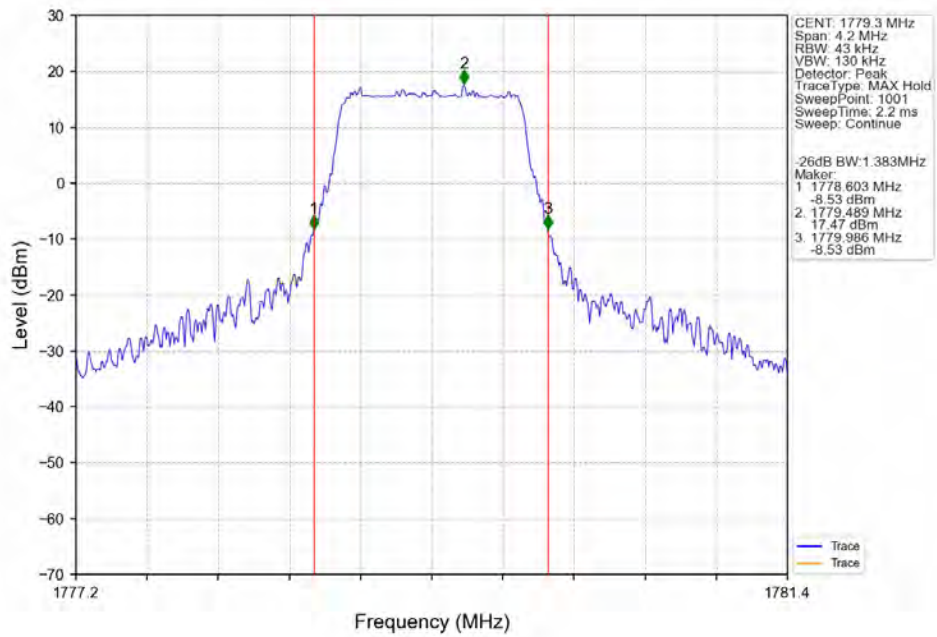
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



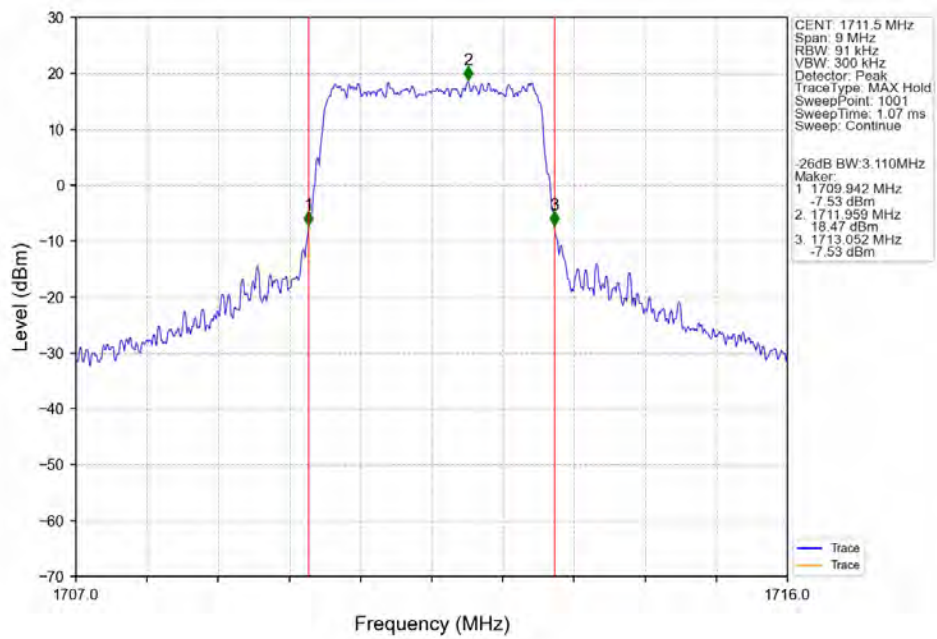
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV



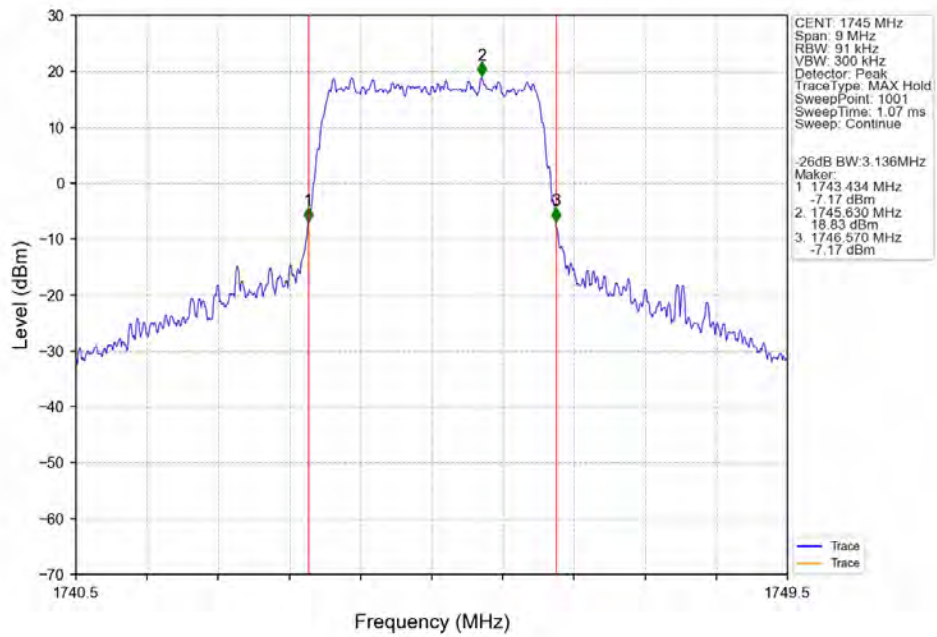
Band66 1.4MHz 64QAM HCH 1779.3MHz RB 6 0 NTNV



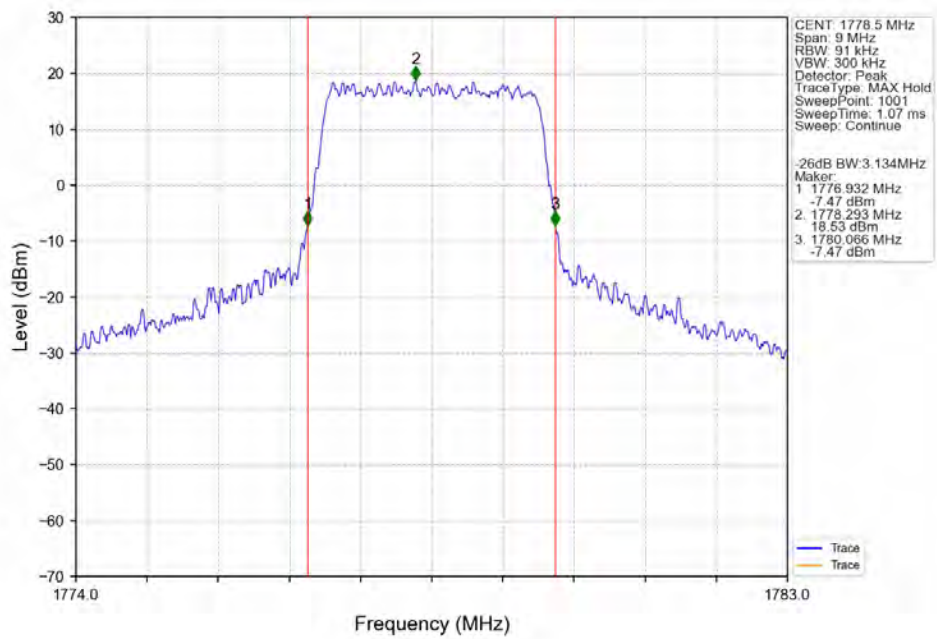
Band66\_3MHz\_QPSK\_LCH 1711.5MHz RB 15 0 NTNV



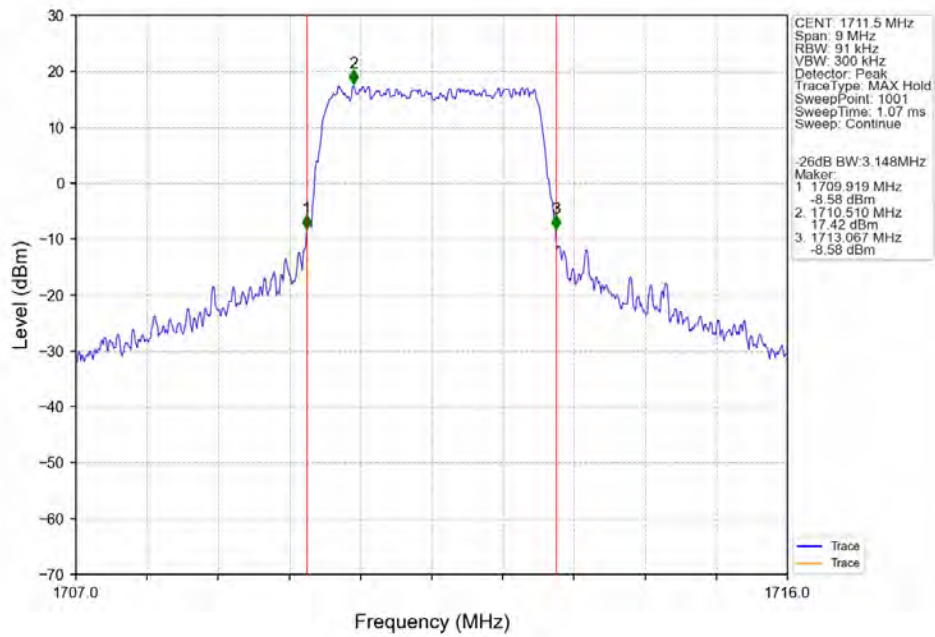
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



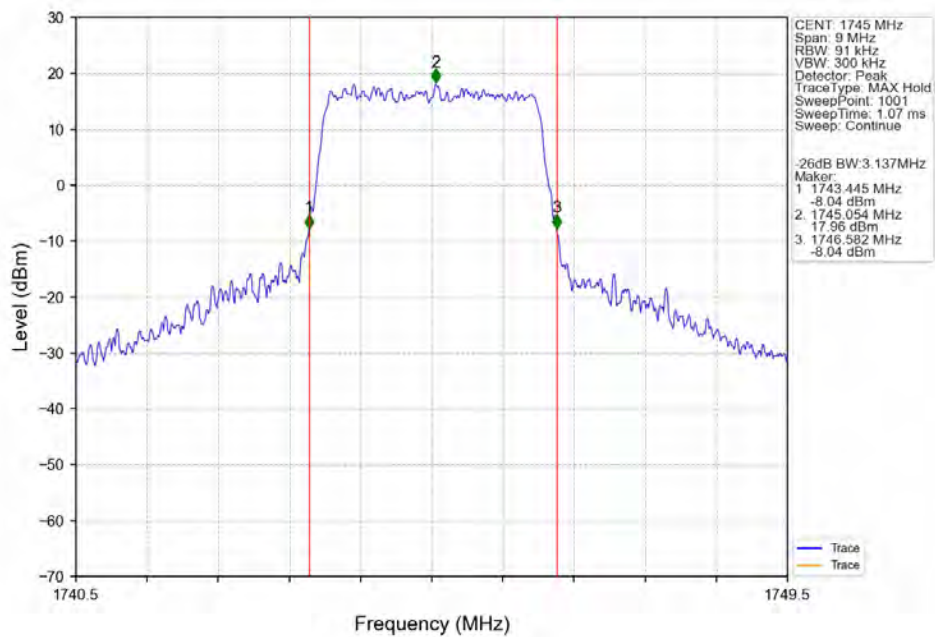
Band66\_3MHz QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTV



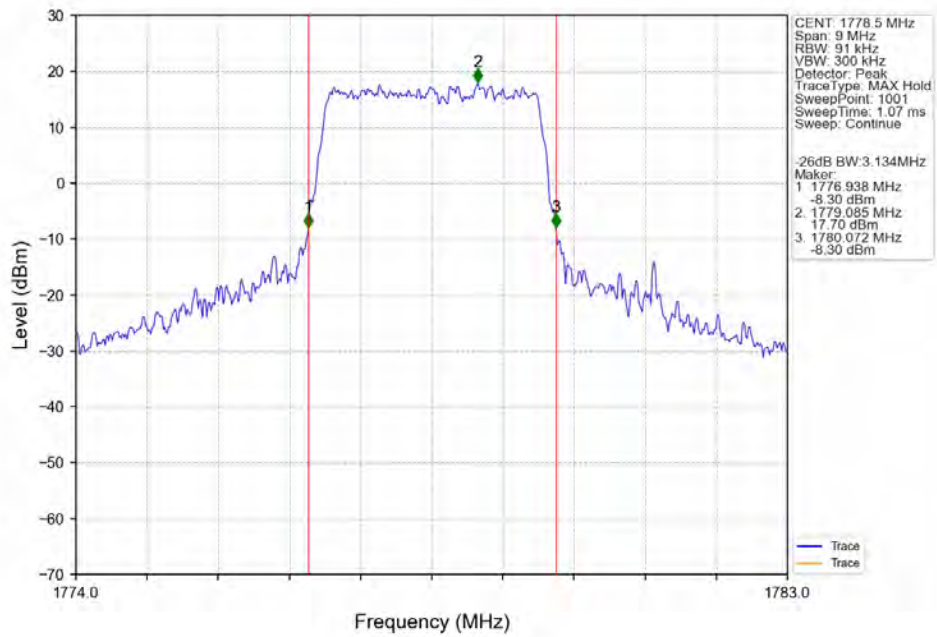
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



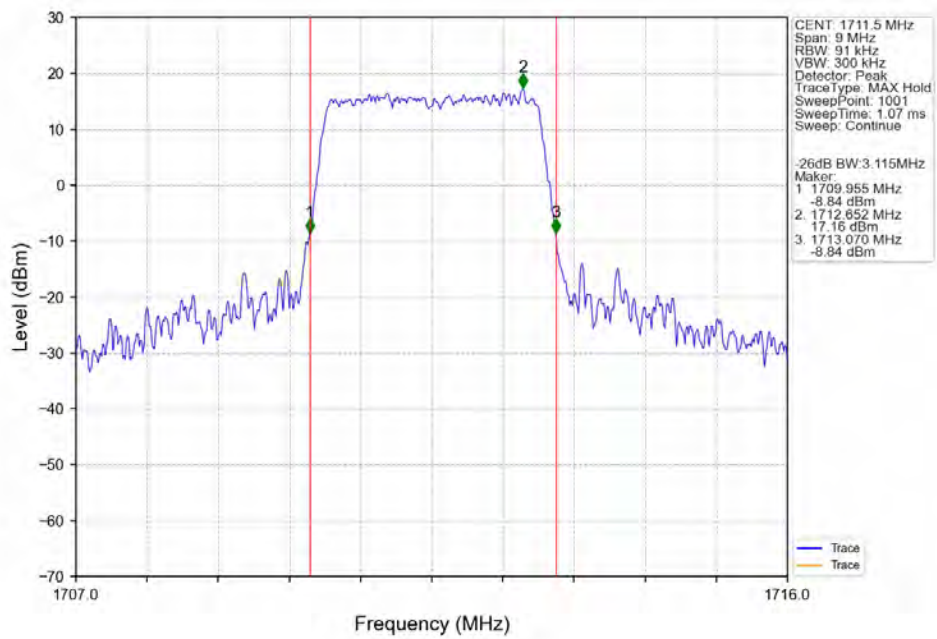
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



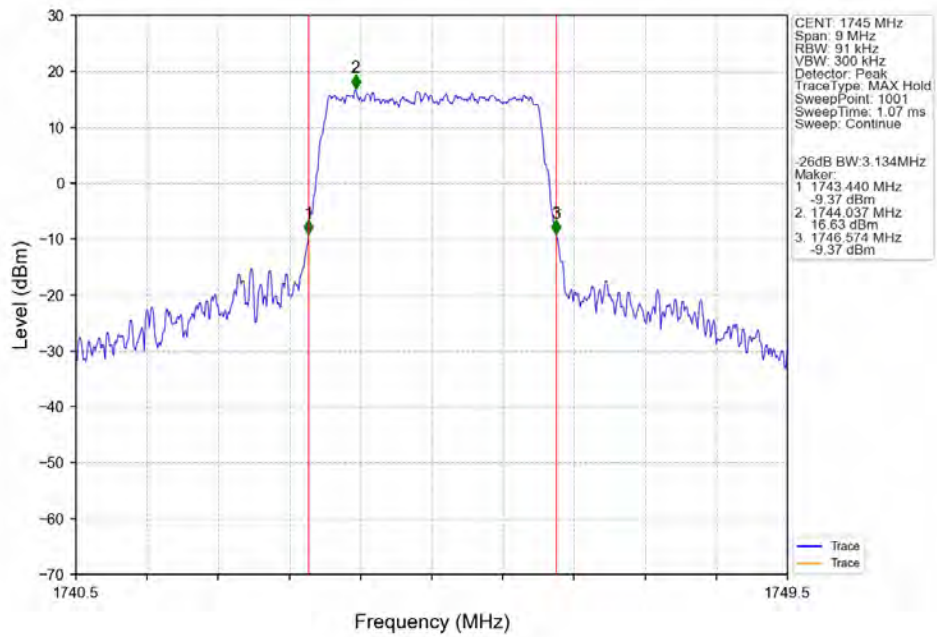
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



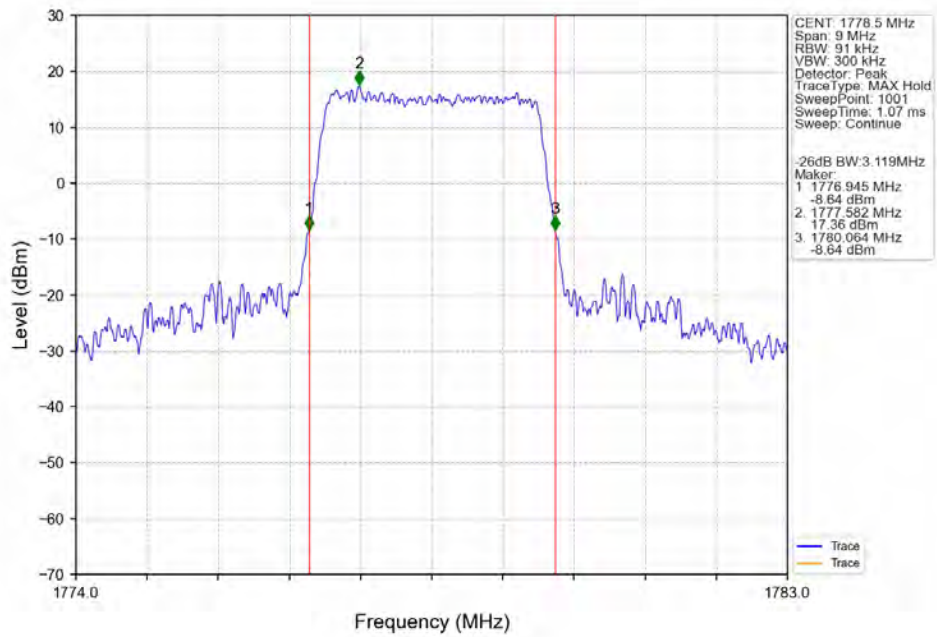
Band66 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



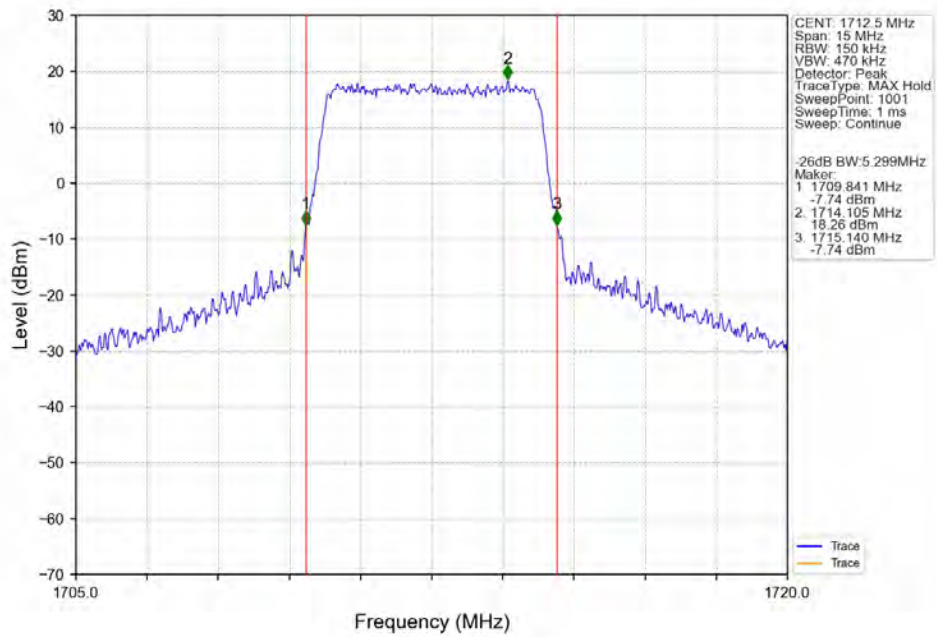
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



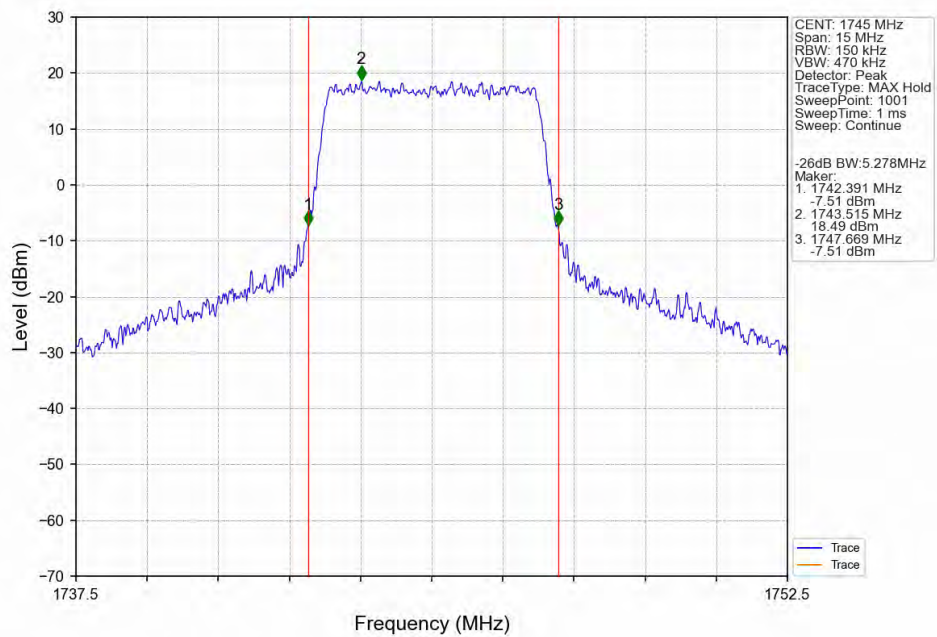
Band66\_3MHz\_64QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



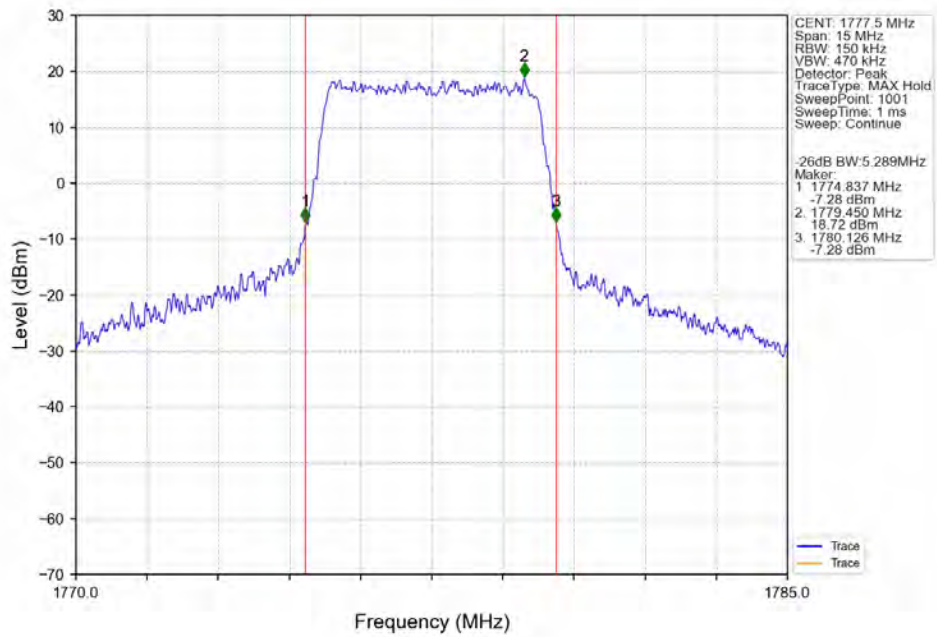
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



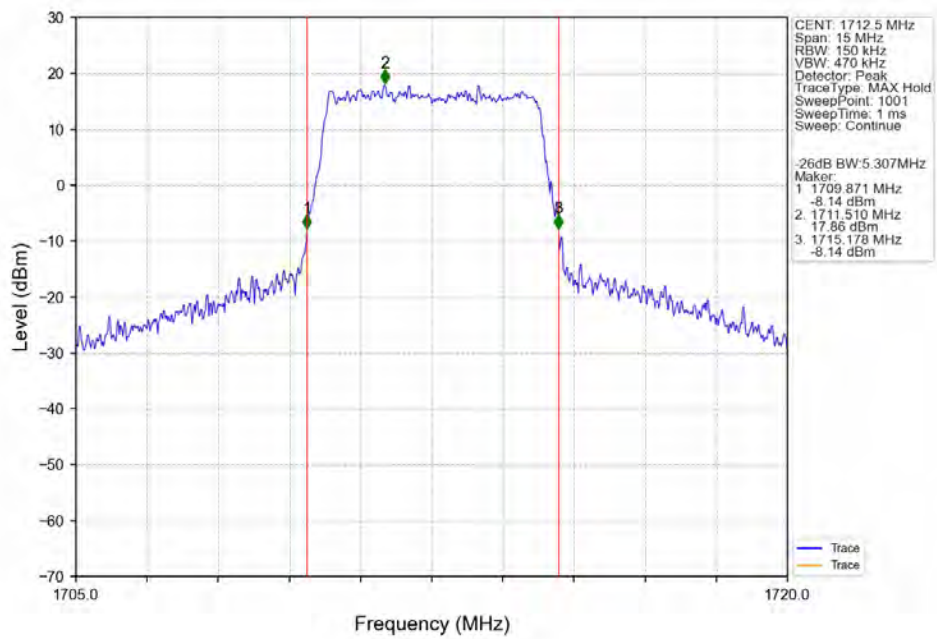
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



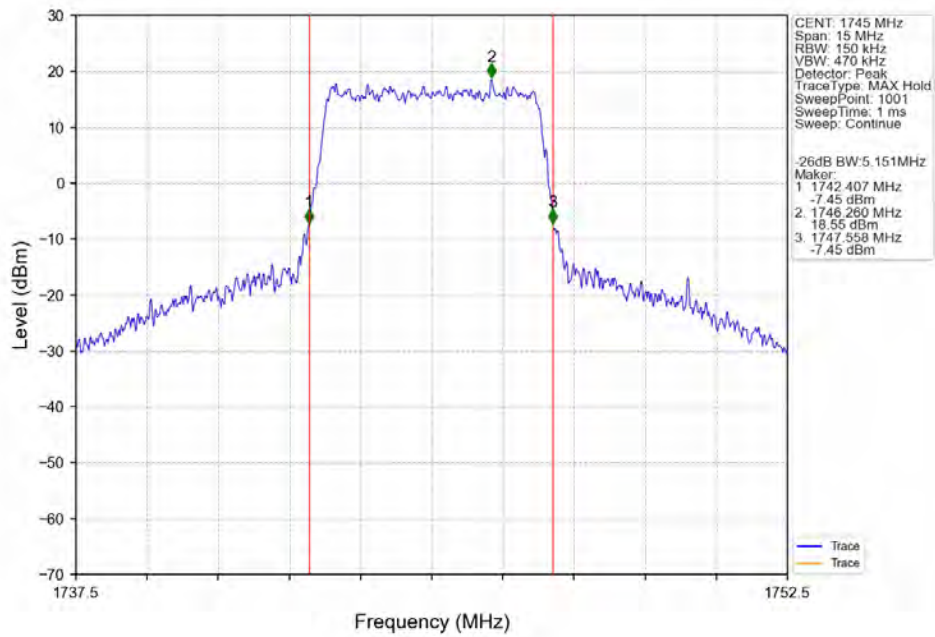
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



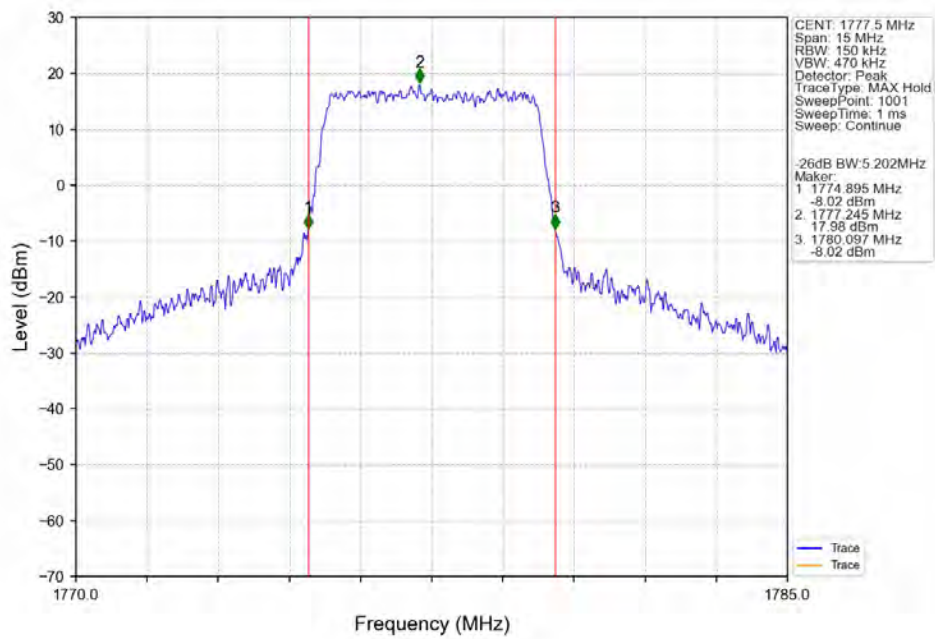
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



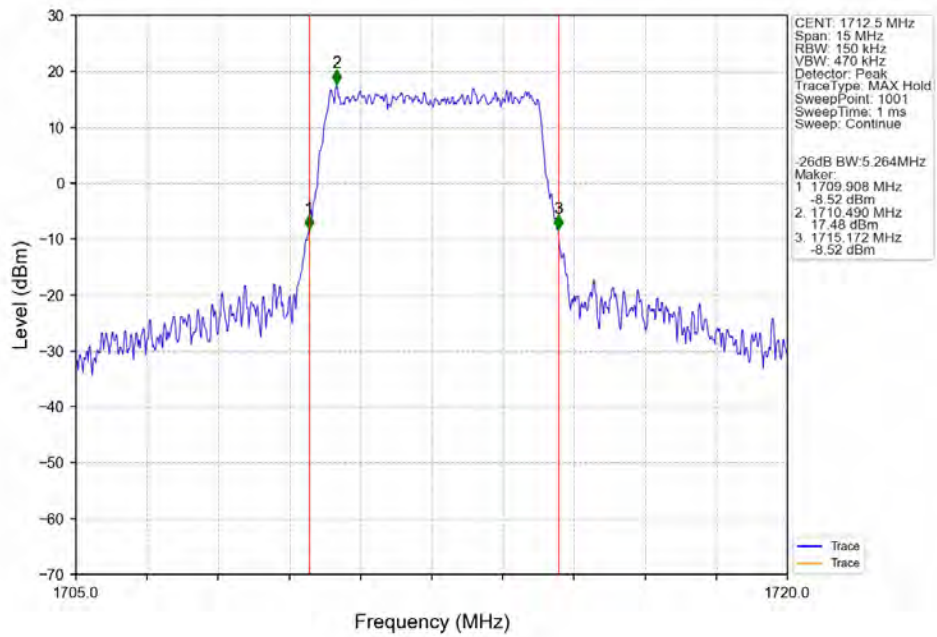
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



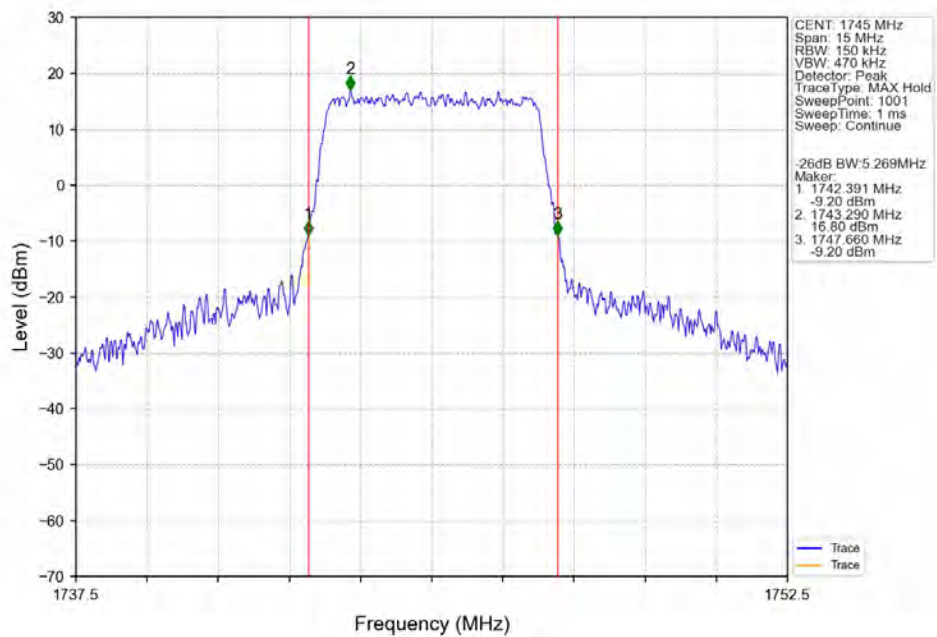
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



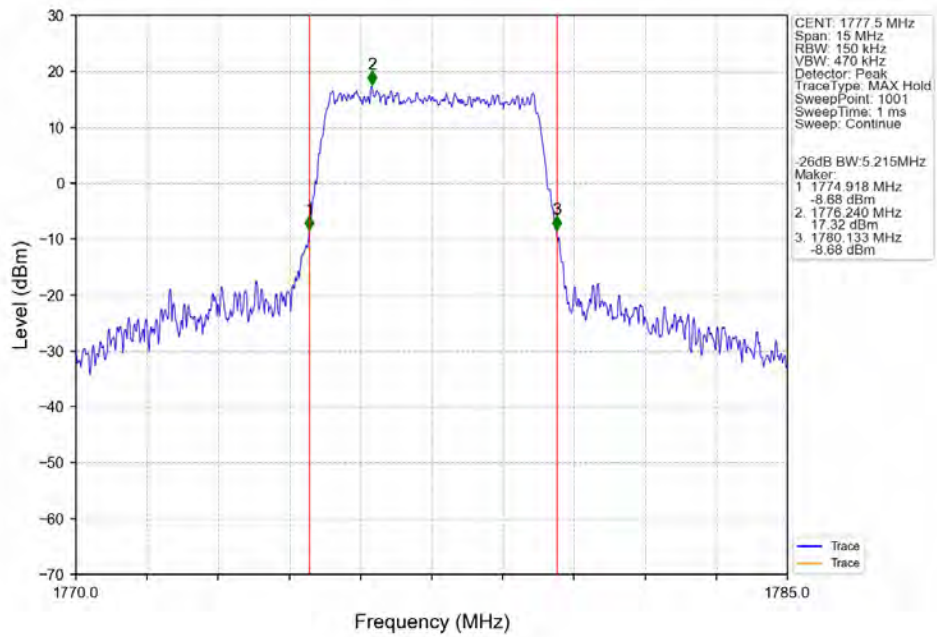
Band66 5MHz 64QAM LCH 1712.5MHz RB 25 0 NTNV



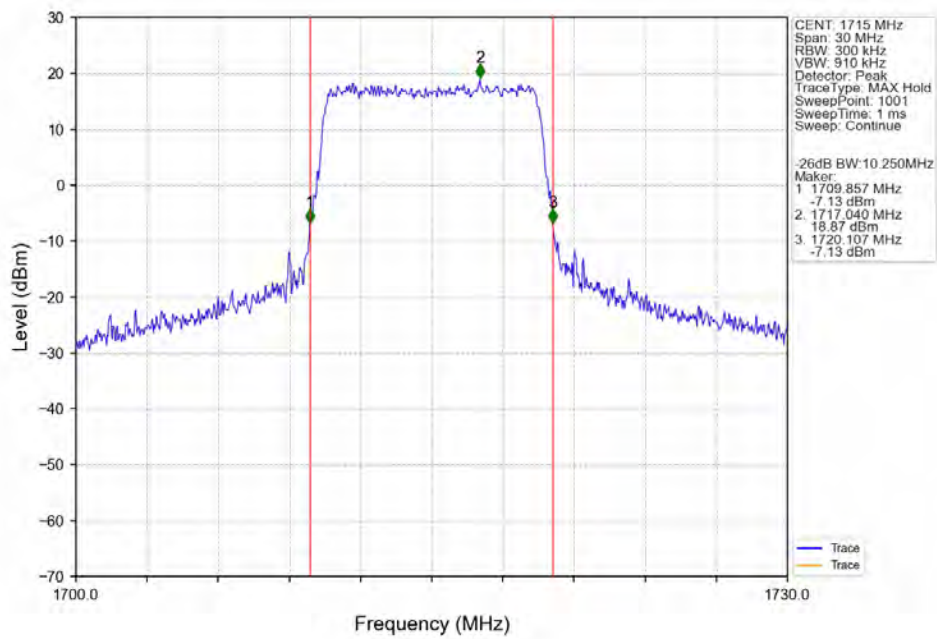
Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



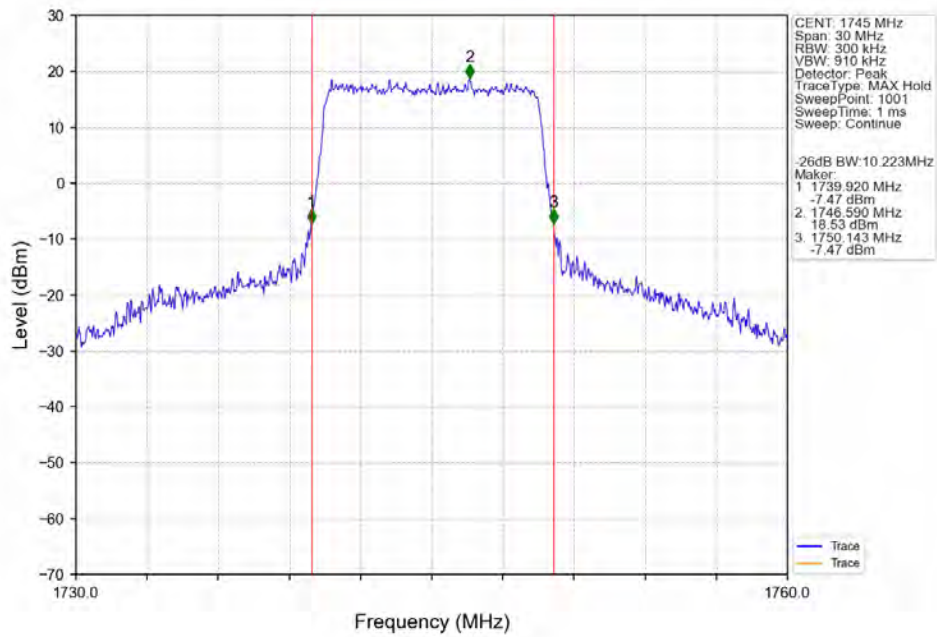
Band66 5MHz 64QAM HCH 1777.5MHz RB 25 0 NTN



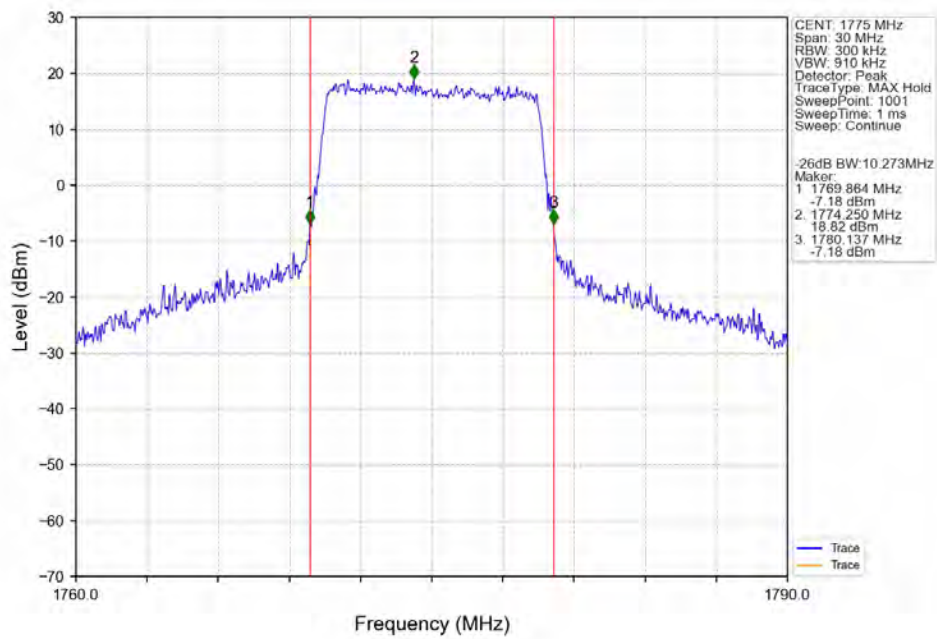
Band66\_10MHz\_QPSK\_LCH 1715MHz RB 50 0 NTN



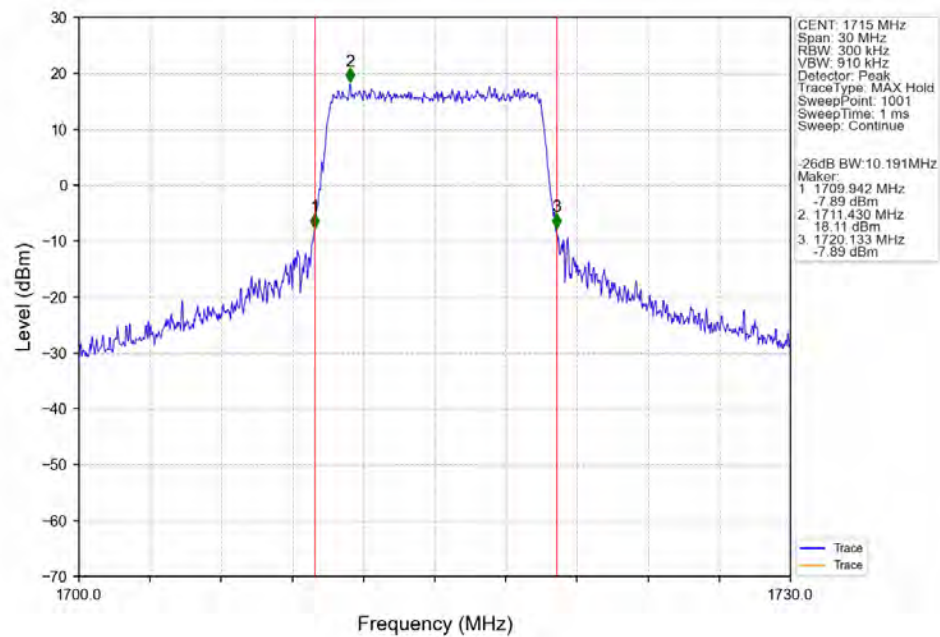
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



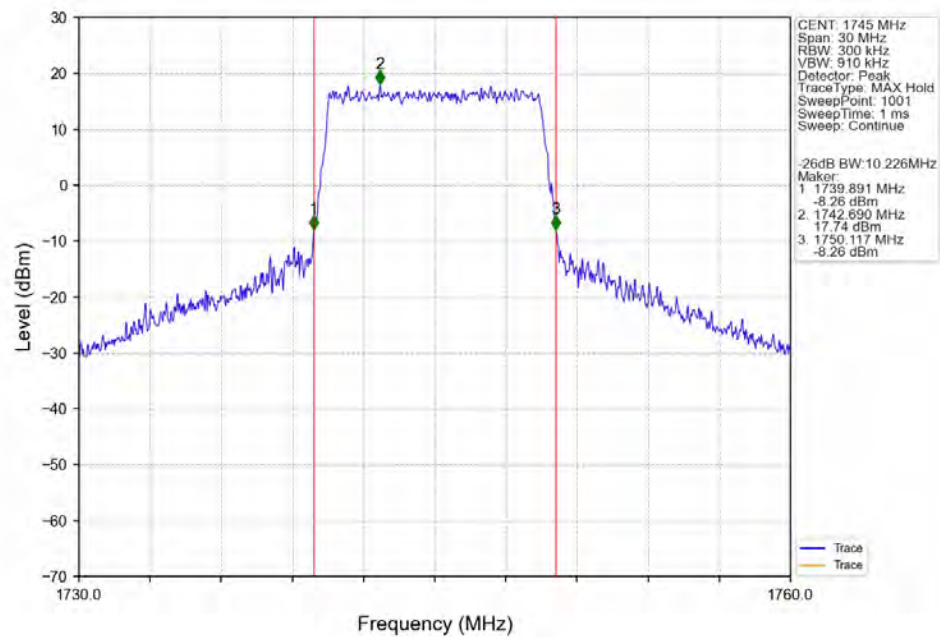
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



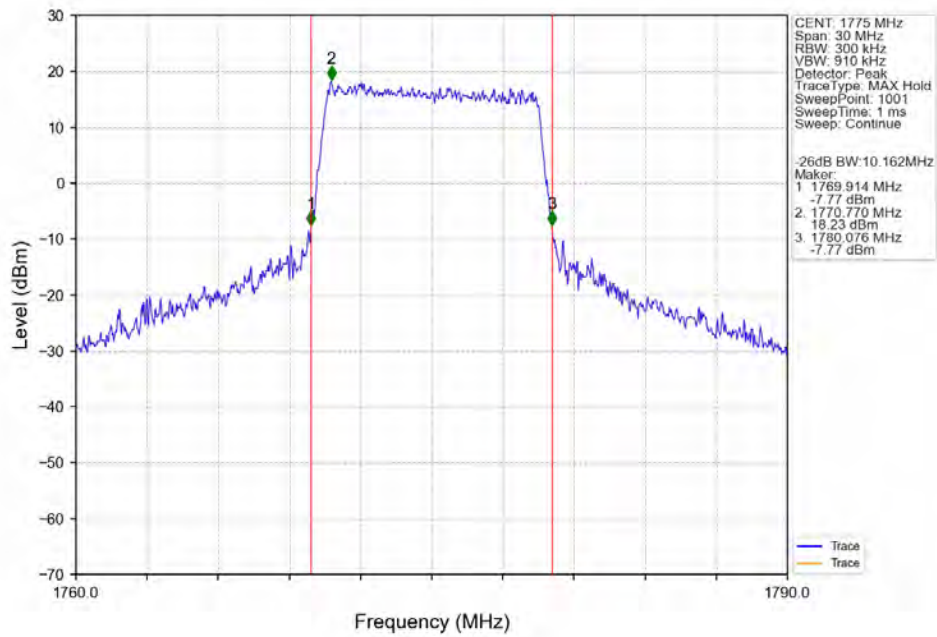
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



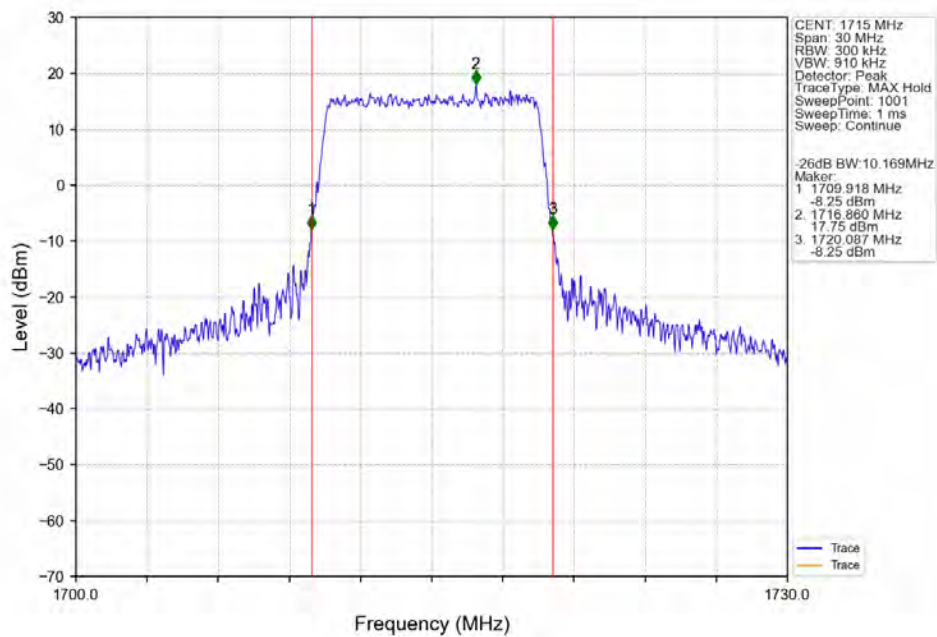
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



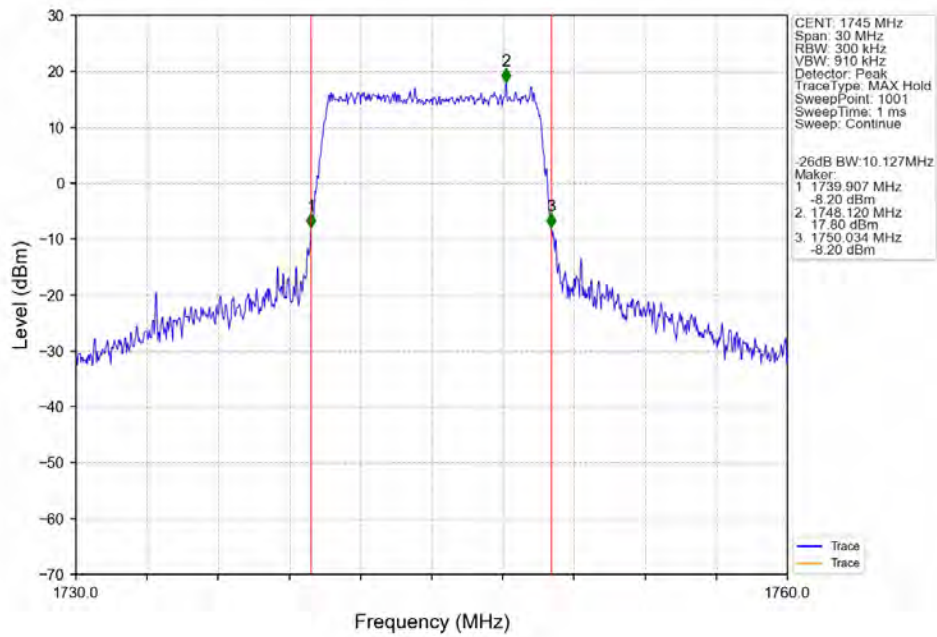
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



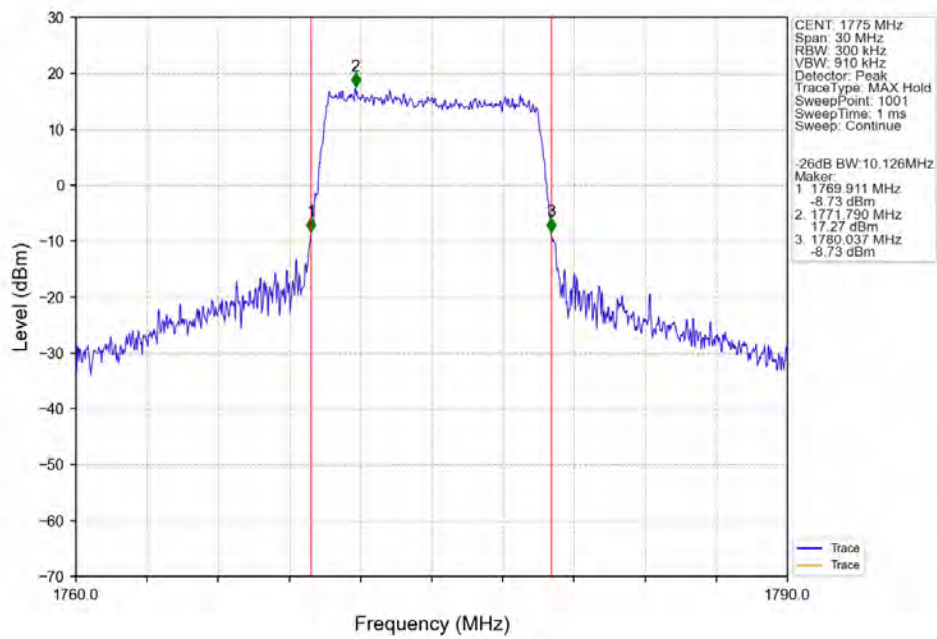
Band66 10MHz 64QAM LCH 1715MHz RB 50 0 NTNV



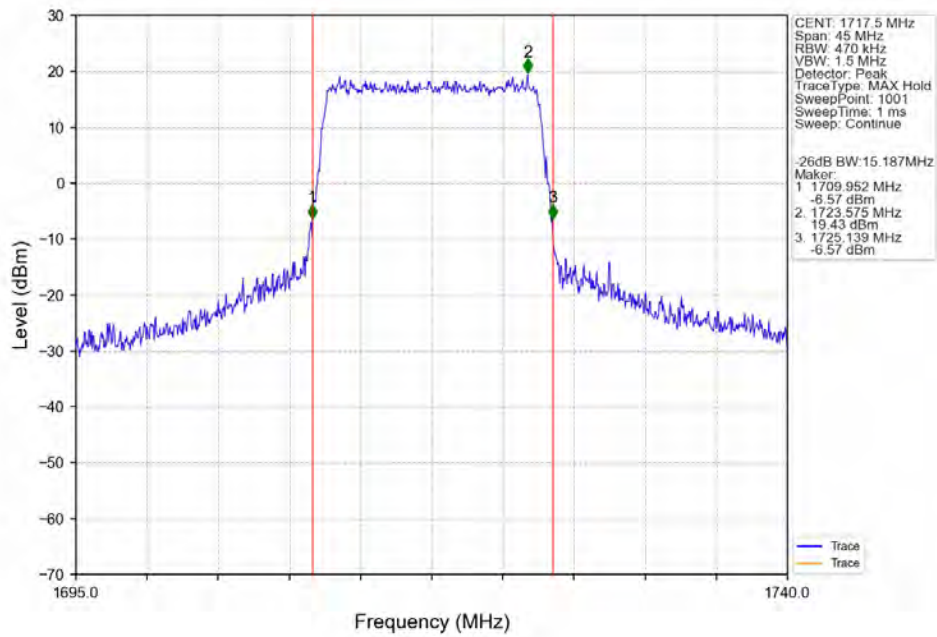
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



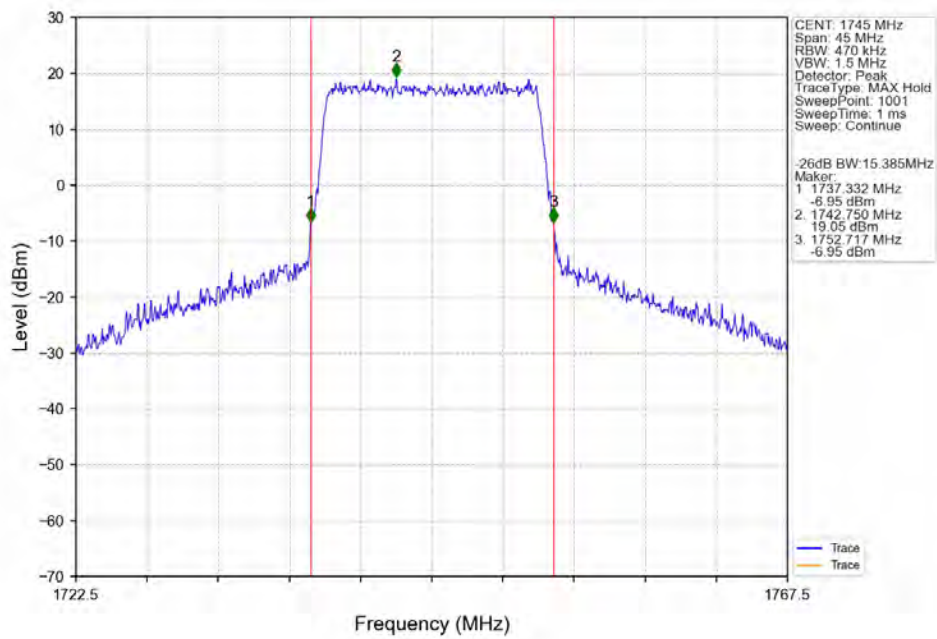
Band66 10MHz 64QAM HCH 1775MHz RB 50 0 NTNV



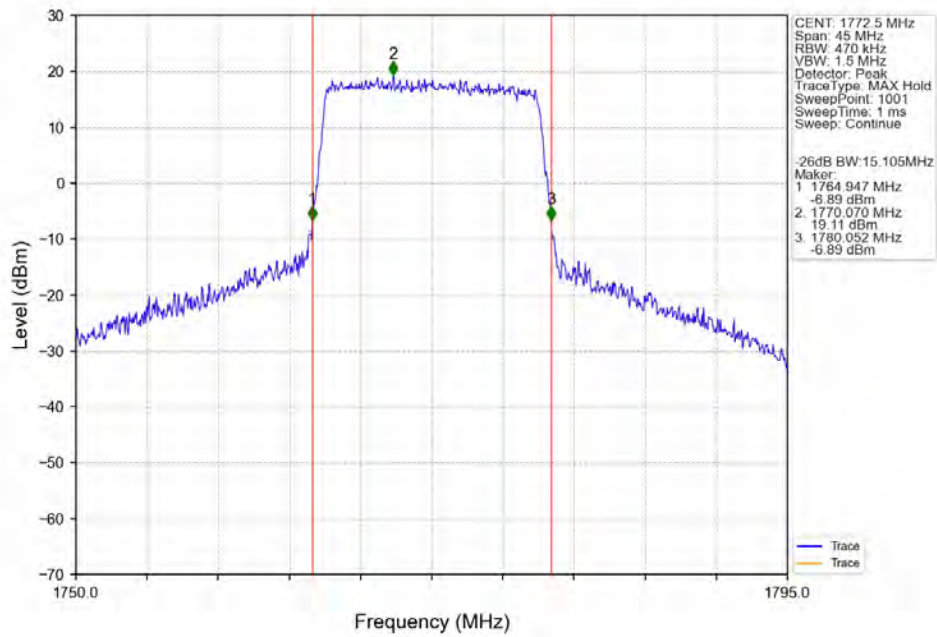
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



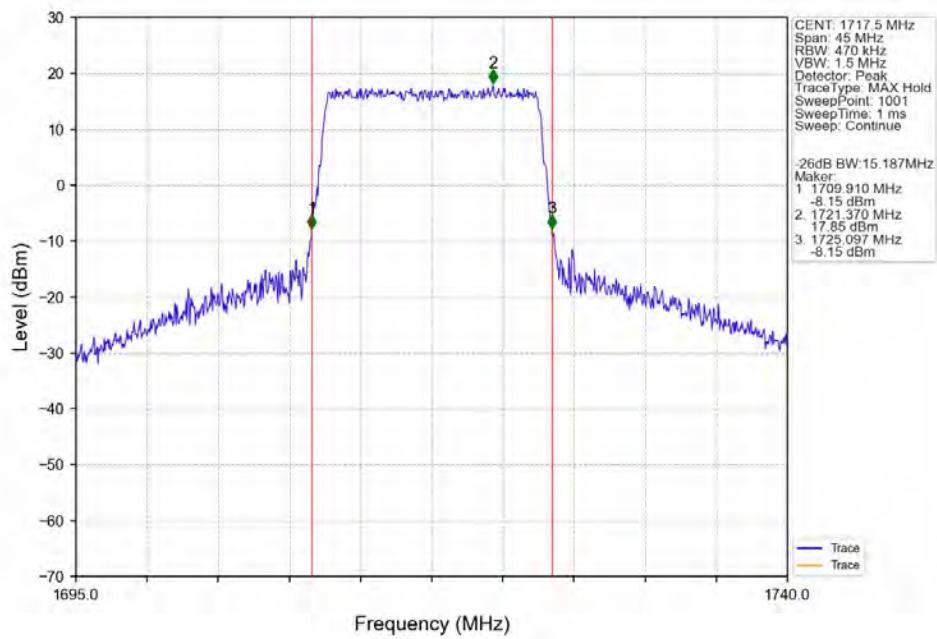
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



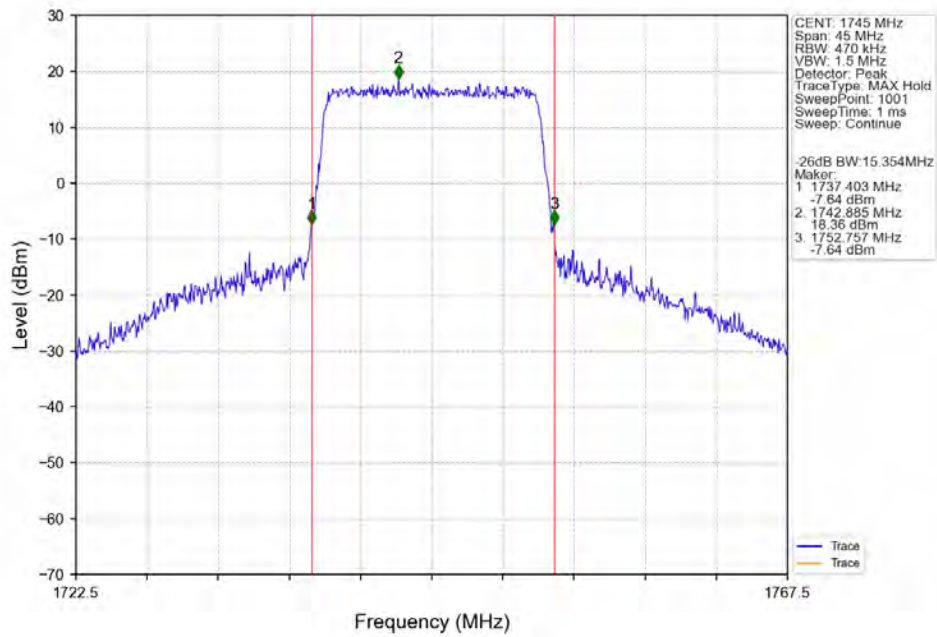
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



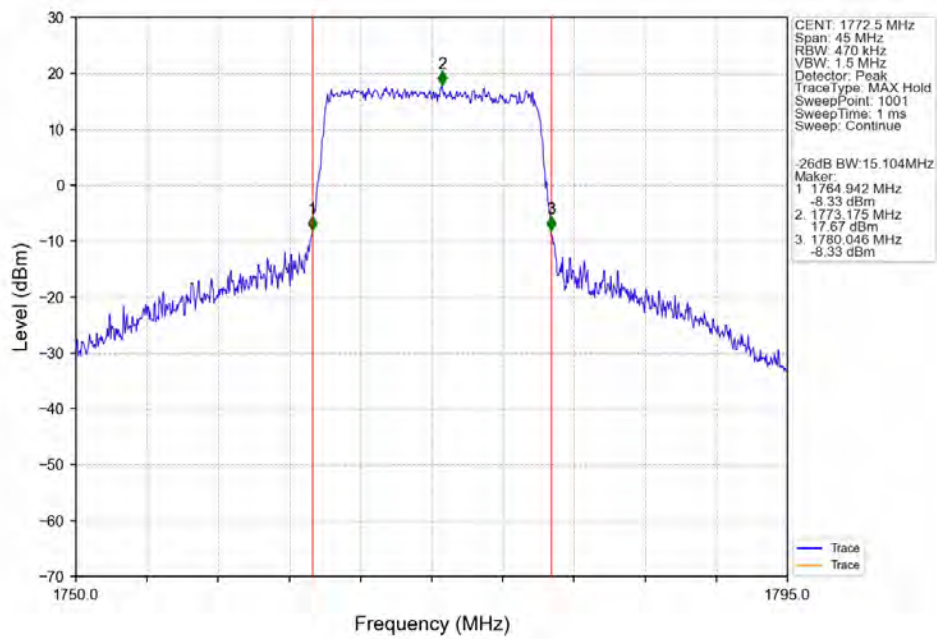
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTN



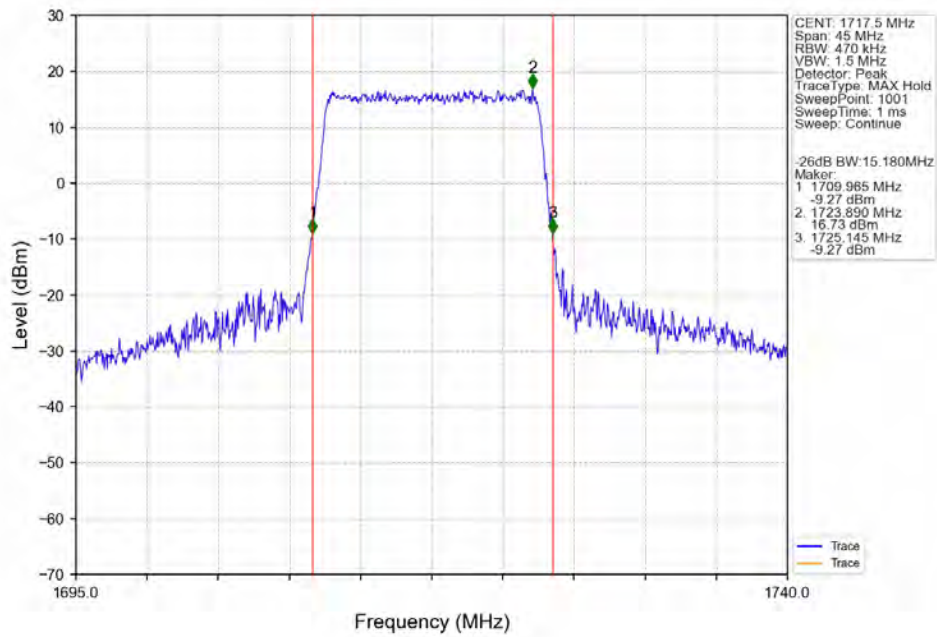
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



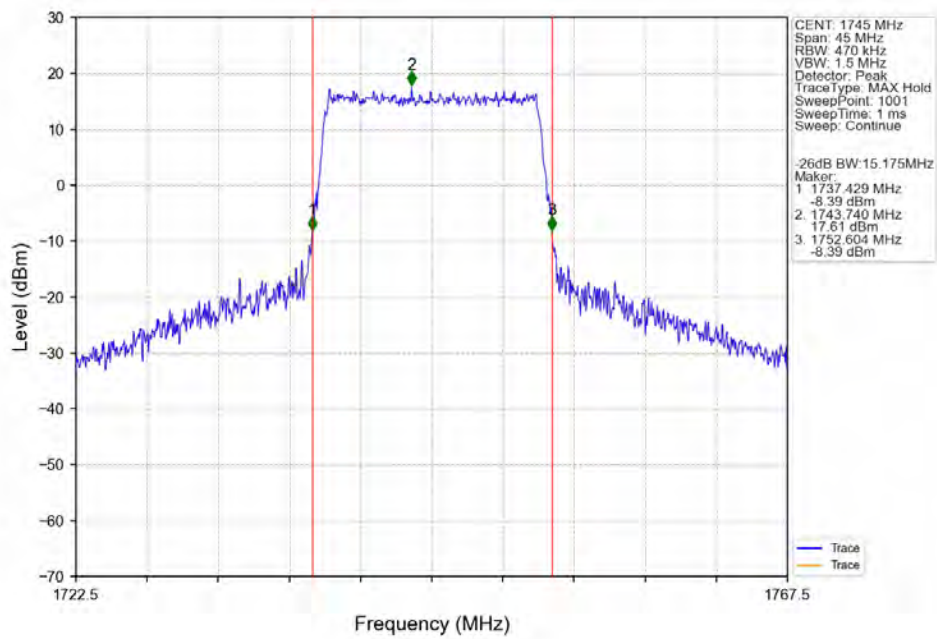
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



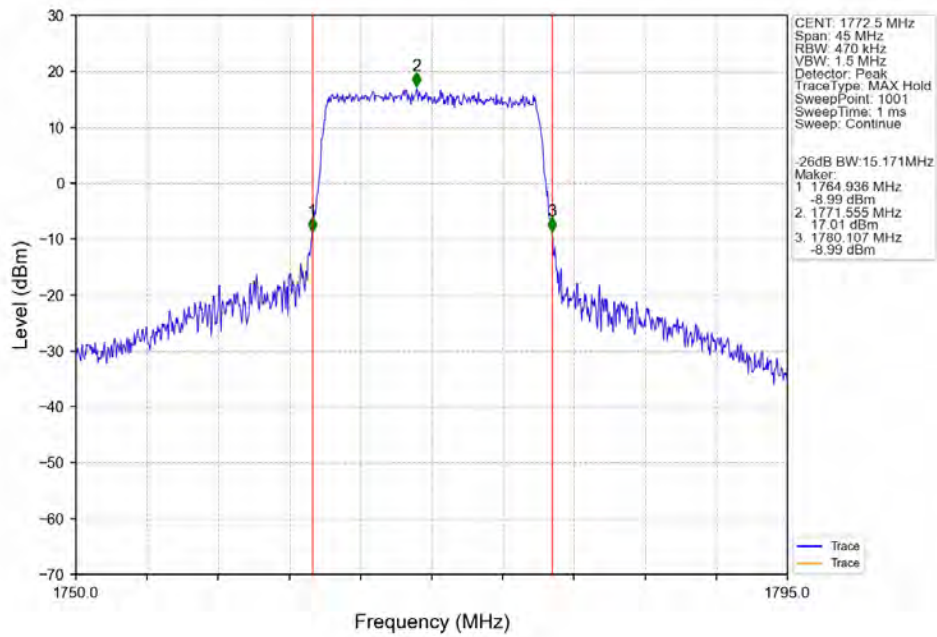
Band66 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTNV



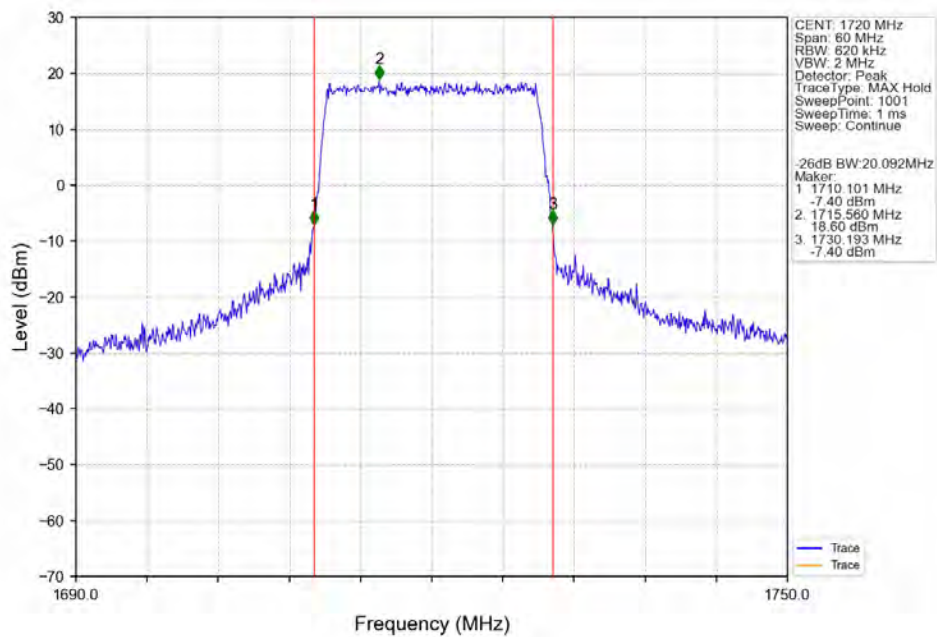
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



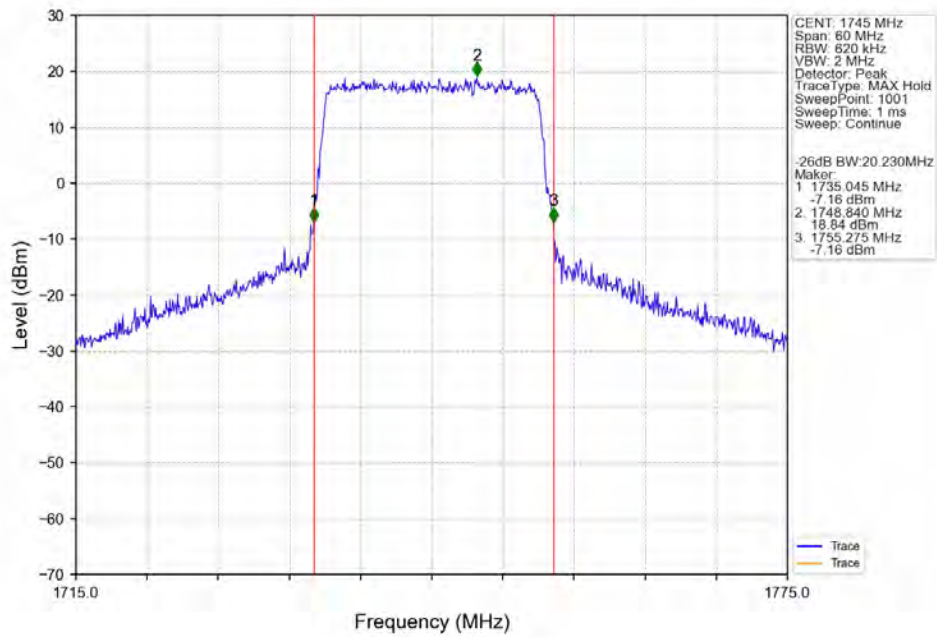
Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



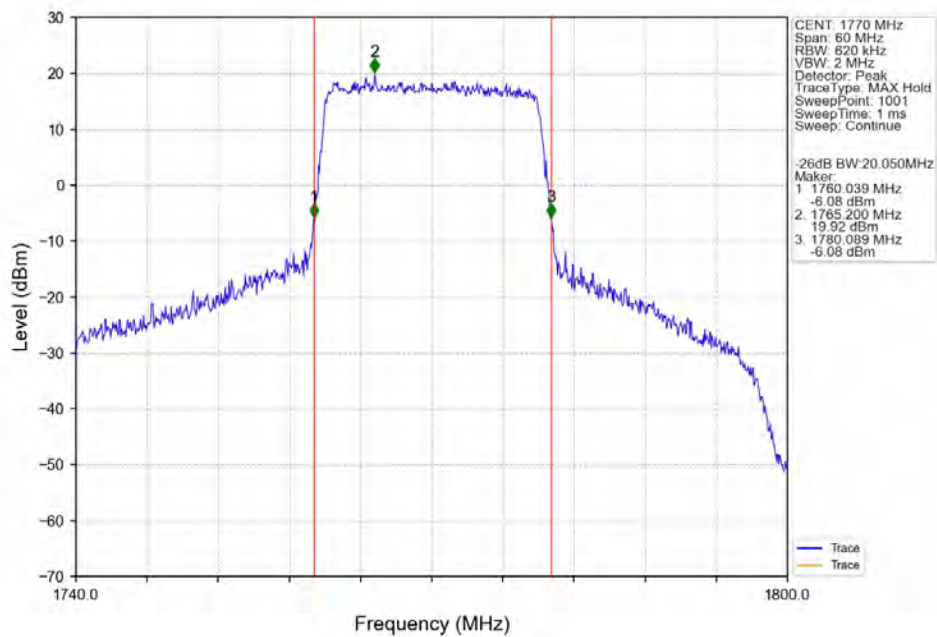
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



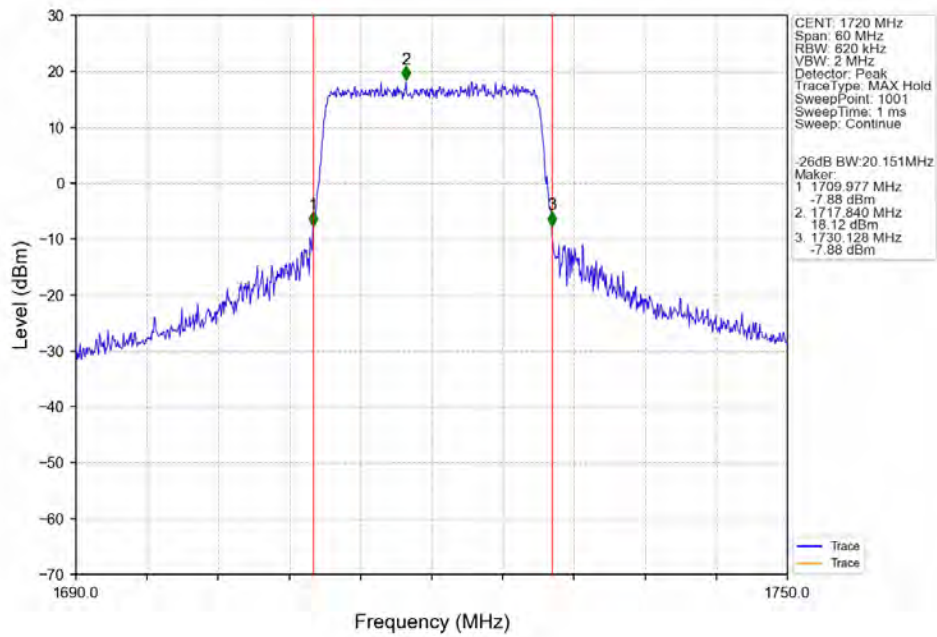
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



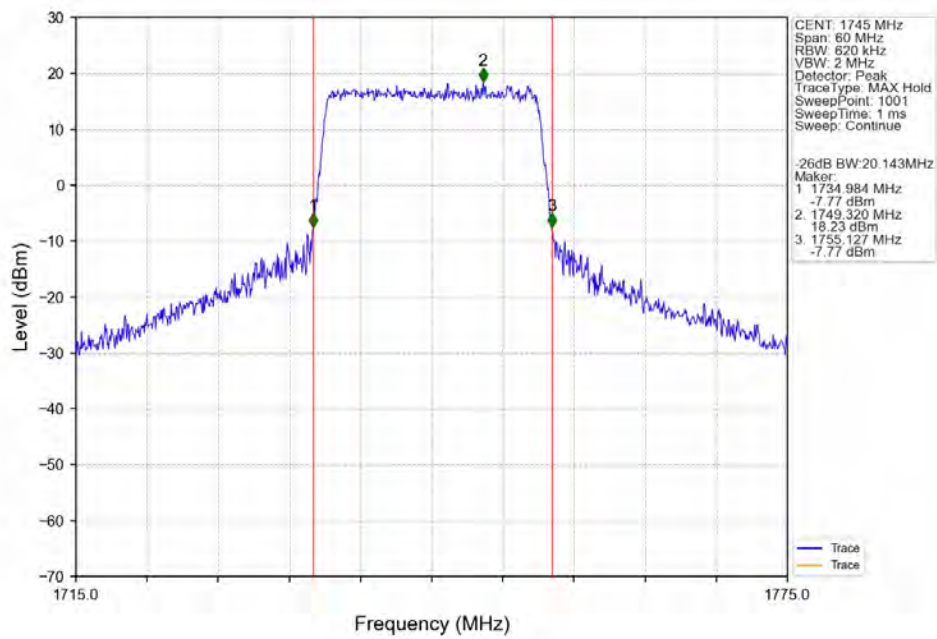
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



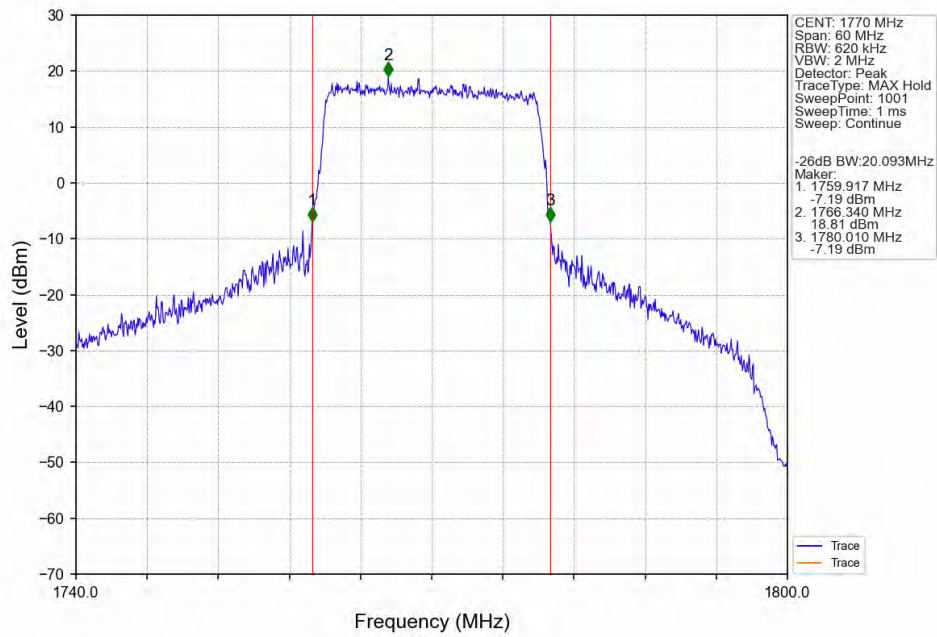
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



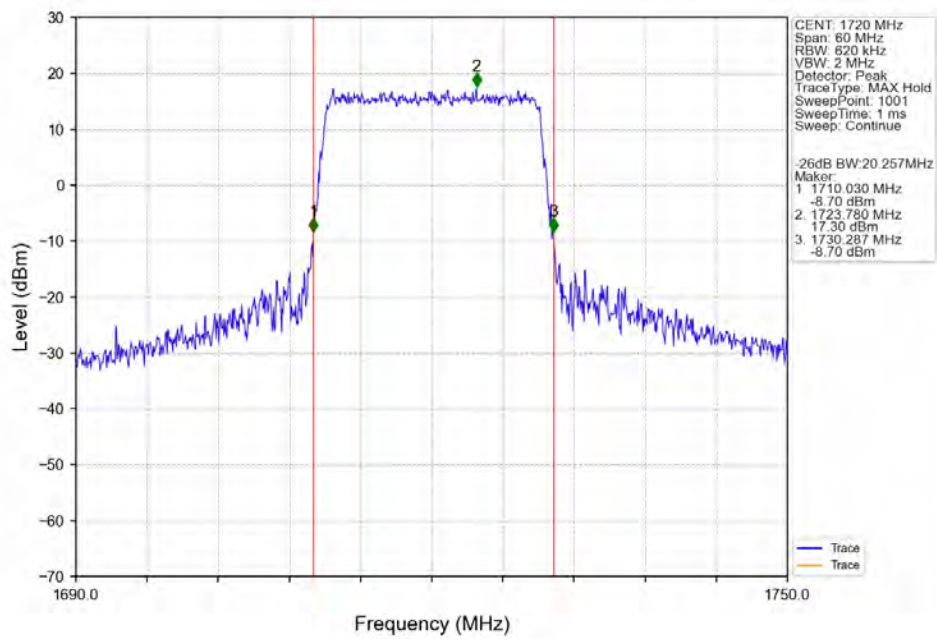
Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



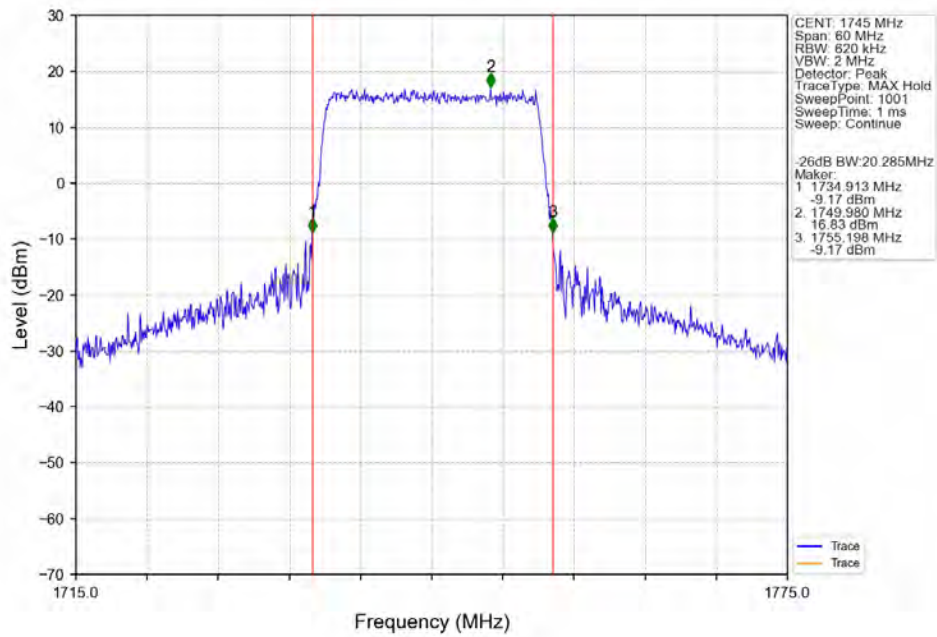
Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



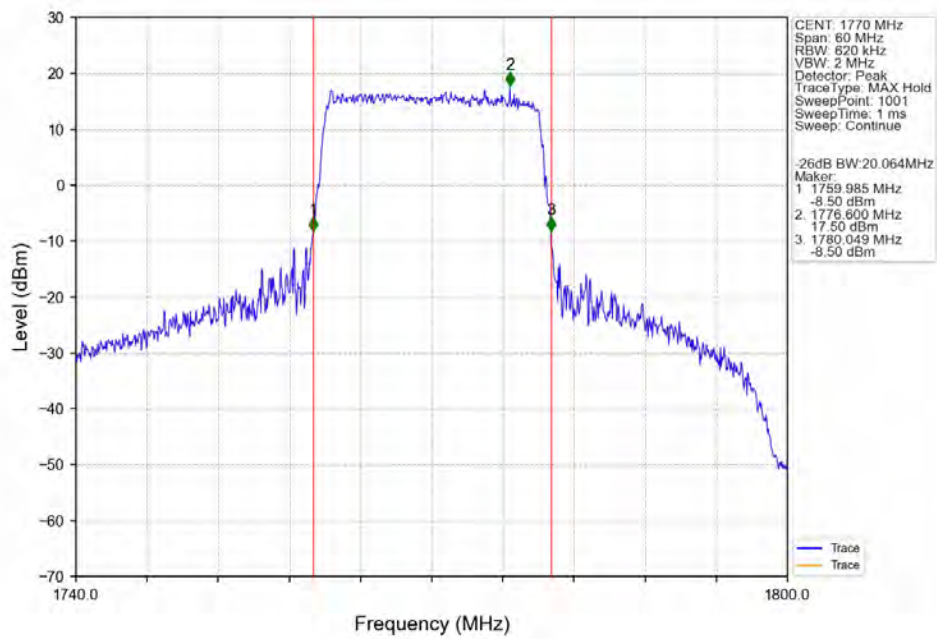
Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 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      | 4.68                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 4.57                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 4.49                    | <=13  | Pass    |
| 16QAM                               | 1710.7          | 6             | 0      | 5.57                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 5.46                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 5.39                    | <=13  | Pass    |
| 64QAM                               | 1710.7          | 6             | 0      | 6.21                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 6.08                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 6.06                    | <=13  | Pass    |

#### 4.1.2 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      | 4.98                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 4.89                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 4.87                    | <=13  | Pass    |
| 16QAM                             | 1711.5          | 15            | 0      | 5.85                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 5.77                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 5.74                    | <=13  | Pass    |
| 64QAM                             | 1711.5          | 15            | 0      | 6.35                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.28                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 6.30                    | <=13  | Pass    |

#### 4.1.3 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      | 5.29                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 5.24                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 5.22                    | <=13  | Pass    |
| 16QAM                             | 1712.5          | 25            | 0      | 6.08                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.02                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.01                    | <=13  | Pass    |
| 64QAM                             | 1712.5          | 25            | 0      | 6.47                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.40                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.42                    | <=13  | Pass    |

#### 4.1.4 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      | 5.40                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 5.24                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 5.21                    | <=13  | Pass    |
| 16QAM                              | 1715            | 50            | 0      | 6.16                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 5.99                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 5.97                    | <=13  | Pass    |
| 64QAM                              | 1715            | 50            | 0      | 6.53                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.37                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 6.38                    | <=13  | Pass    |

#### 4.1.5 B66\_15MHz

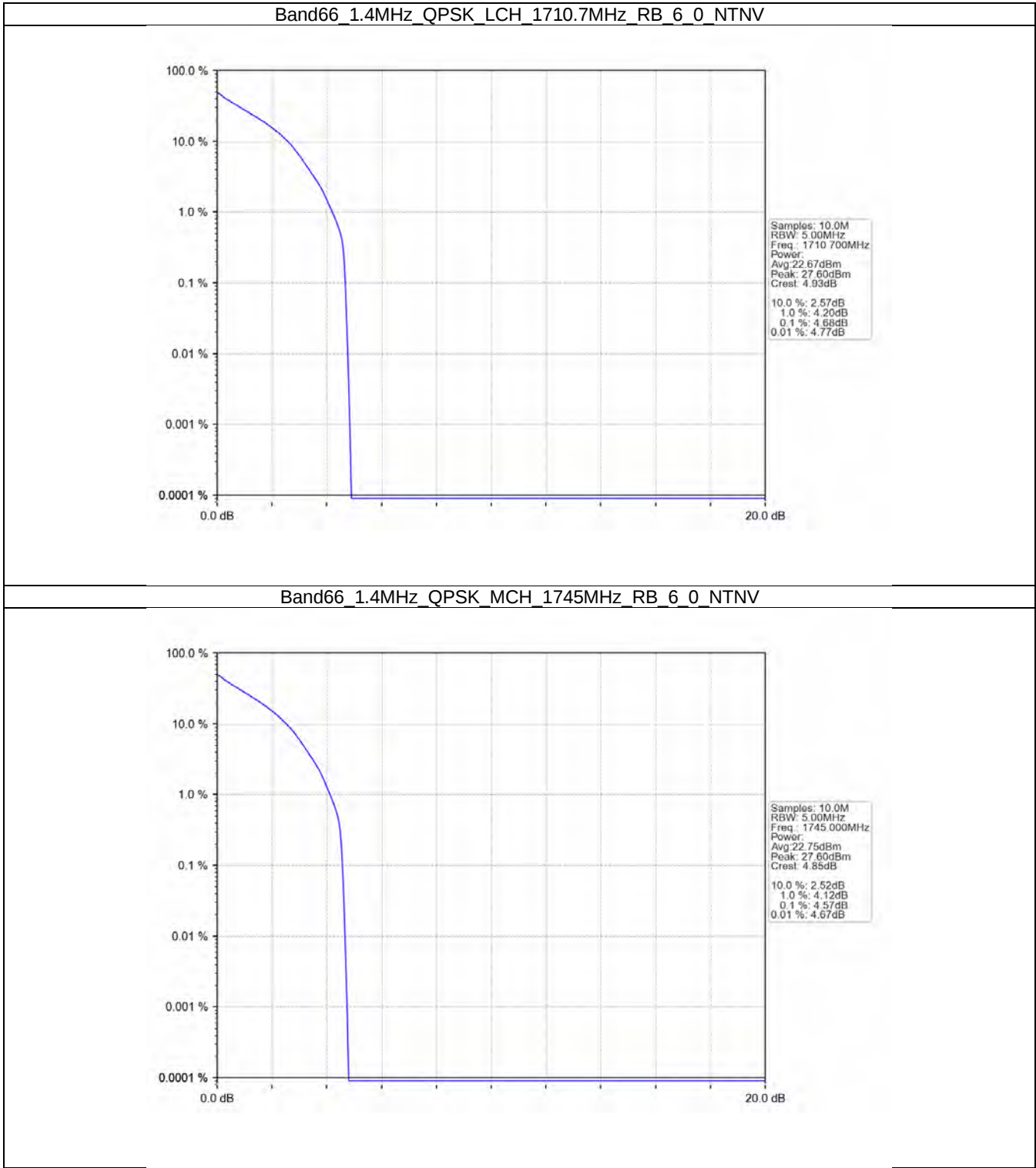
| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1717.5          | 75            | 0      | 5.61                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 5.44                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 5.39                    | <=13  | Pass    |
| 16QAM                              | 1717.5          | 75            | 0      | 6.28                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 6.09                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 6.04                    | <=13  | Pass    |
| 64QAM                              | 1717.5          | 75            | 0      | 6.57                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 6.43                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 6.38                    | <=13  | Pass    |

#### 4.1.6 B66\_20MHz

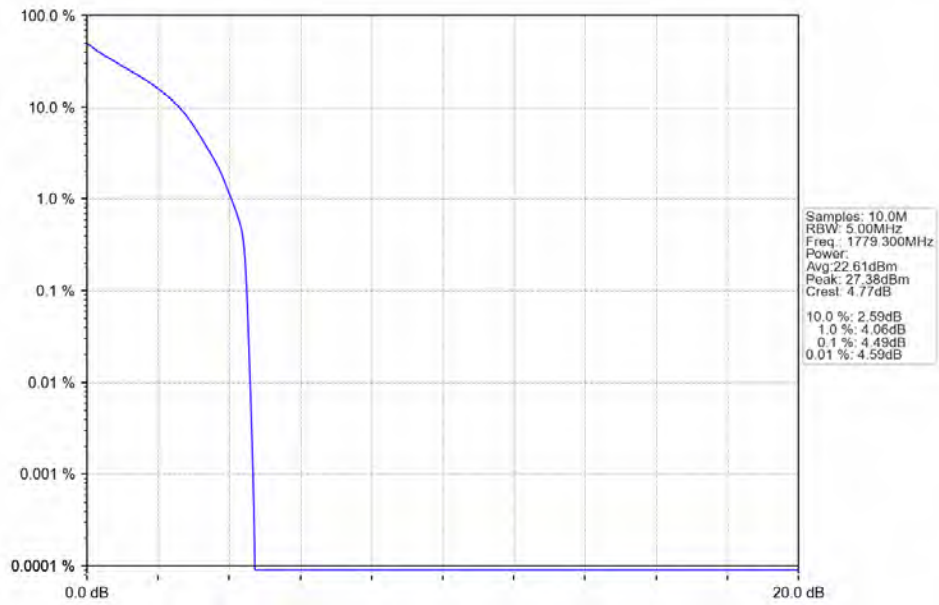
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1720            | 100           | 0      | 5.43                    | <=13  | Pass    |
|                                    | 1745            | 100           | 0      | 5.24                    | <=13  | Pass    |
|                                    | 1770            | 100           | 0      | 5.19                    | <=13  | Pass    |
| 16QAM                              | 1720            | 100           | 0      | 6.23                    | <=13  | Pass    |
|                                    | 1745            | 100           | 0      | 6.03                    | <=13  | Pass    |
|                                    | 1770            | 100           | 0      | 6.00                    | <=13  | Pass    |
| 64QAM                              | 1720            | 100           | 0      | 6.56                    | <=13  | Pass    |
|                                    | 1745            | 100           | 0      | 6.40                    | <=13  | Pass    |
|                                    | 1770            | 100           | 0      | 6.38                    | <=13  | Pass    |

4.2 Test Graph

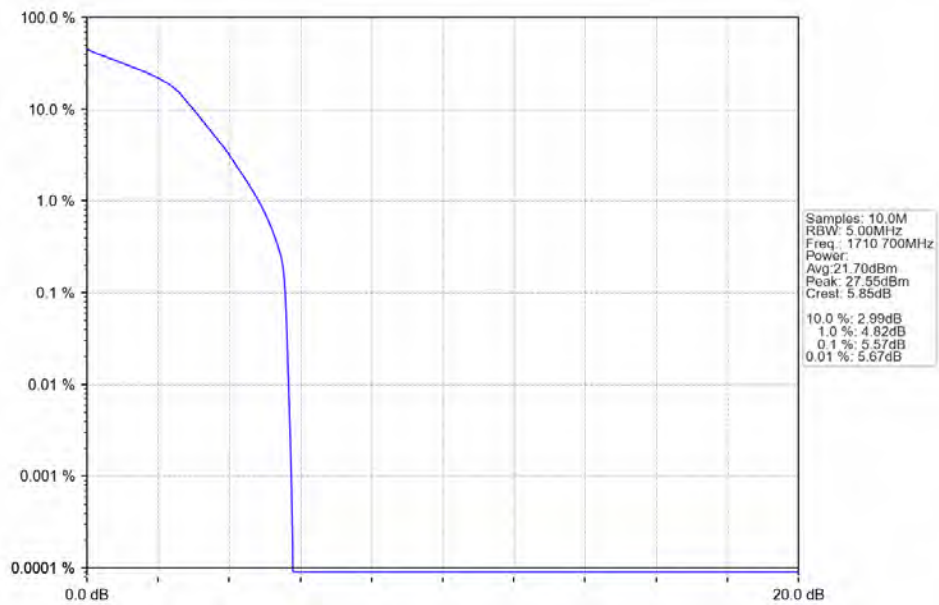
4.2.1 B66\_1.4MHz



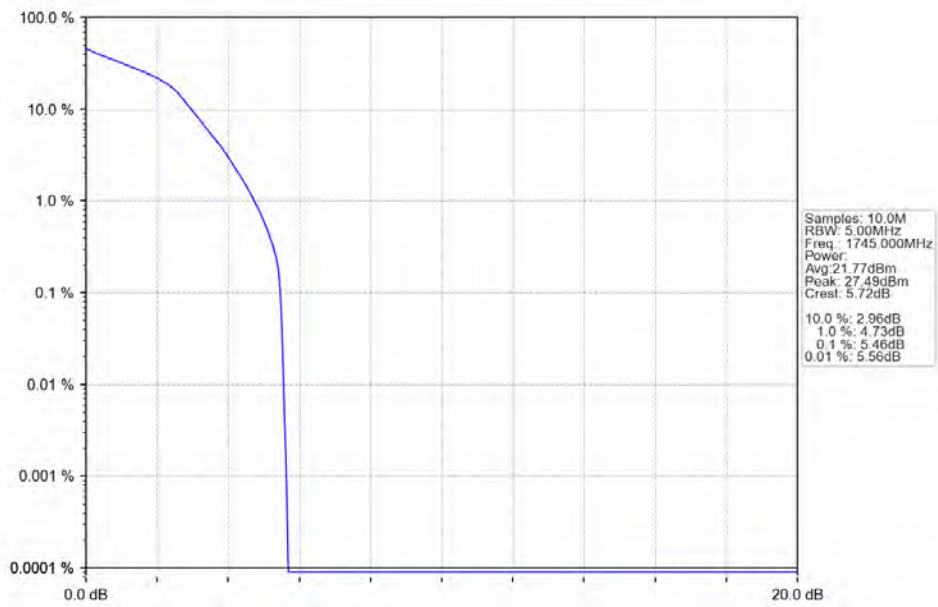
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



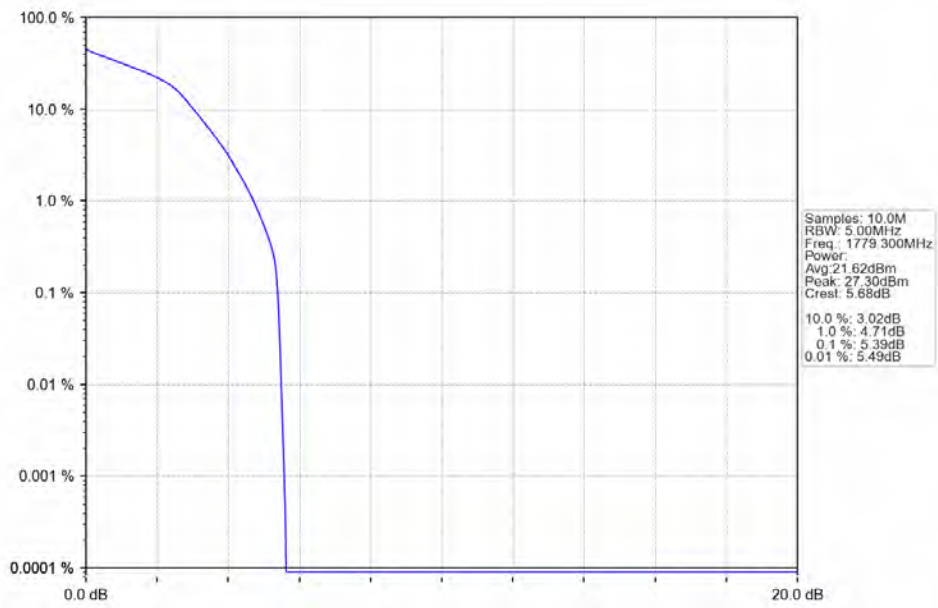
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



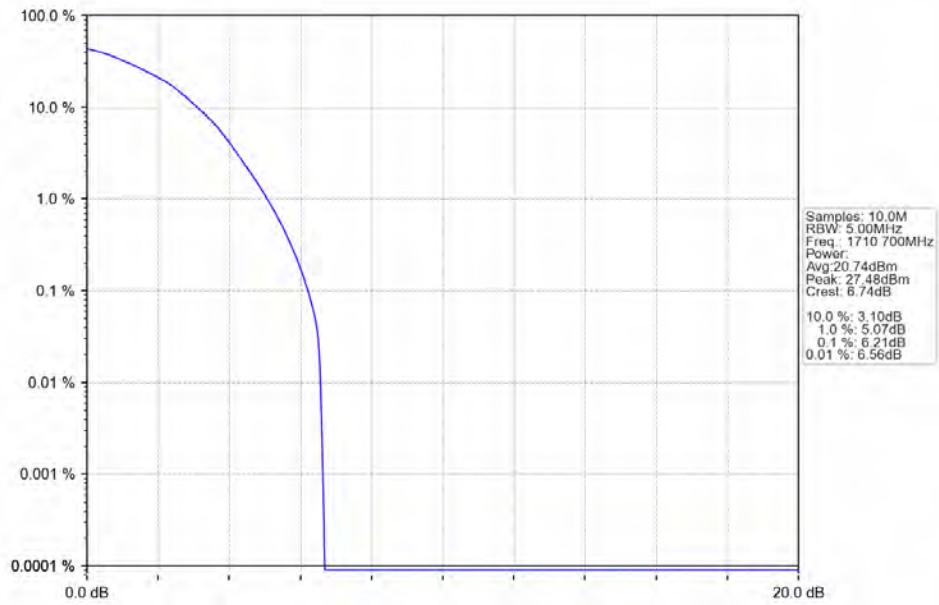
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



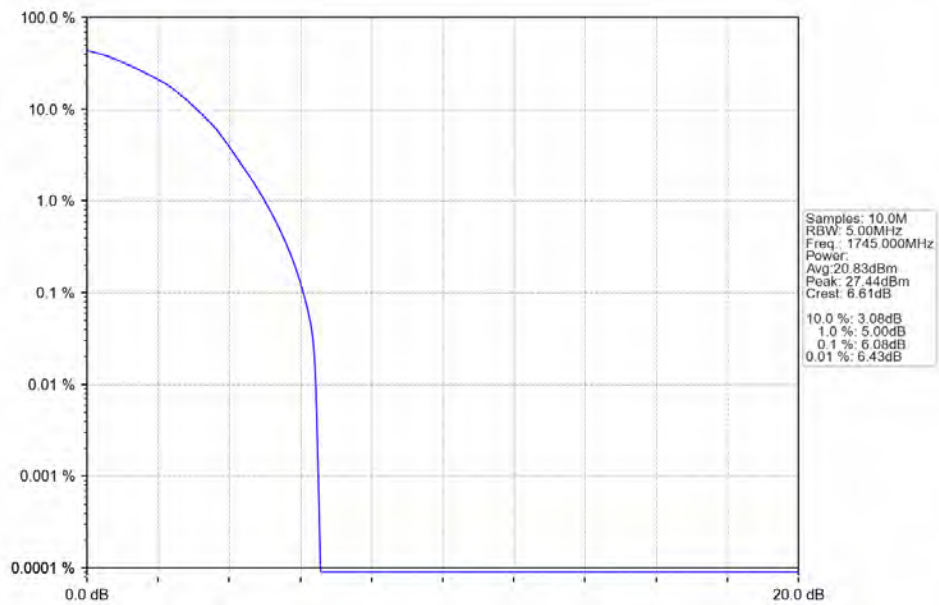
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



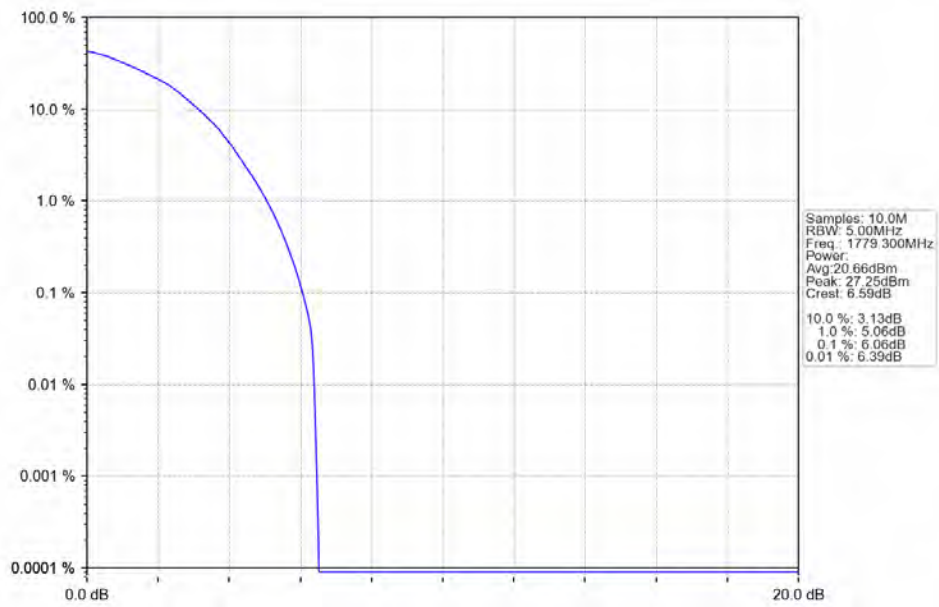
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



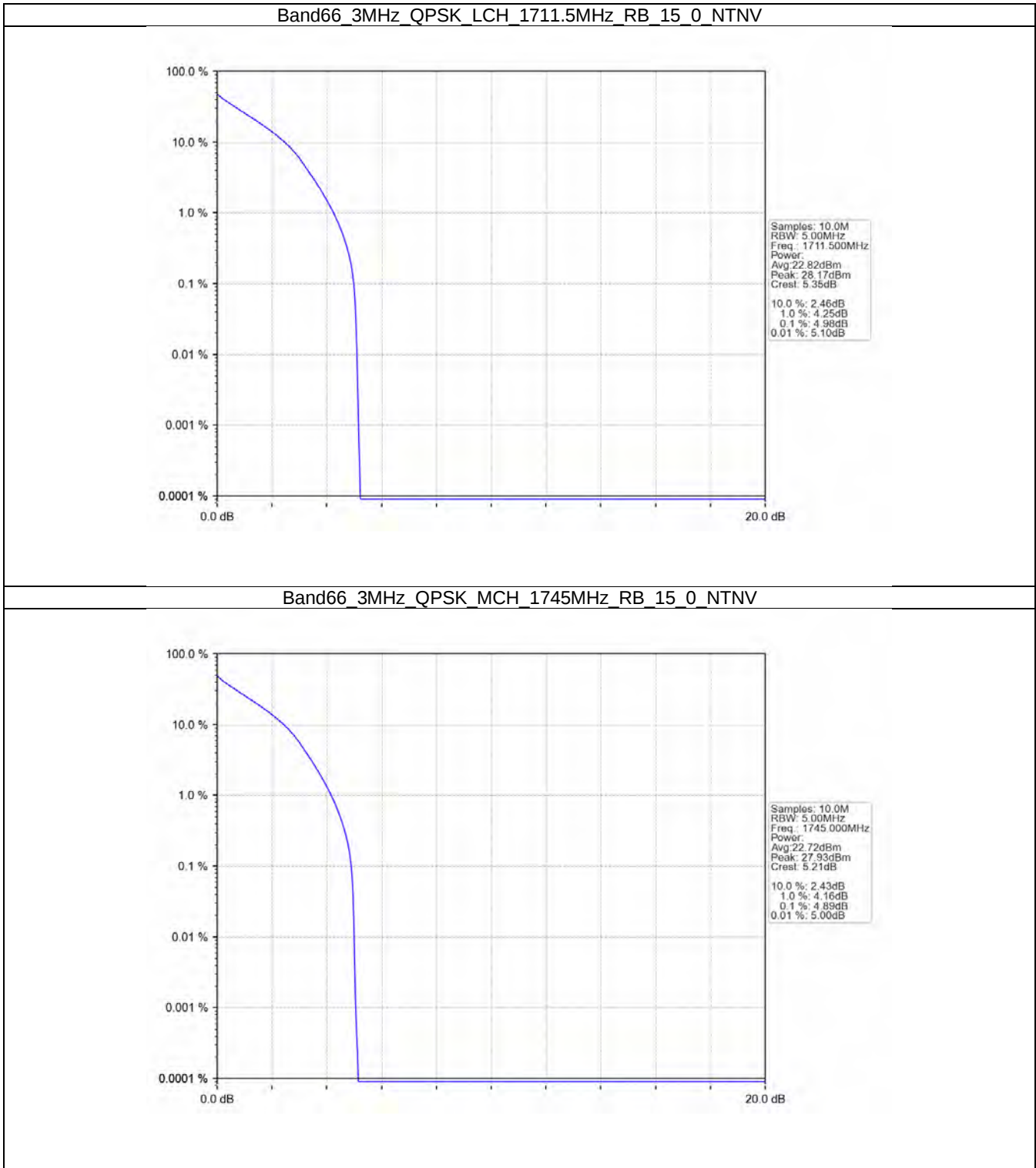
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV



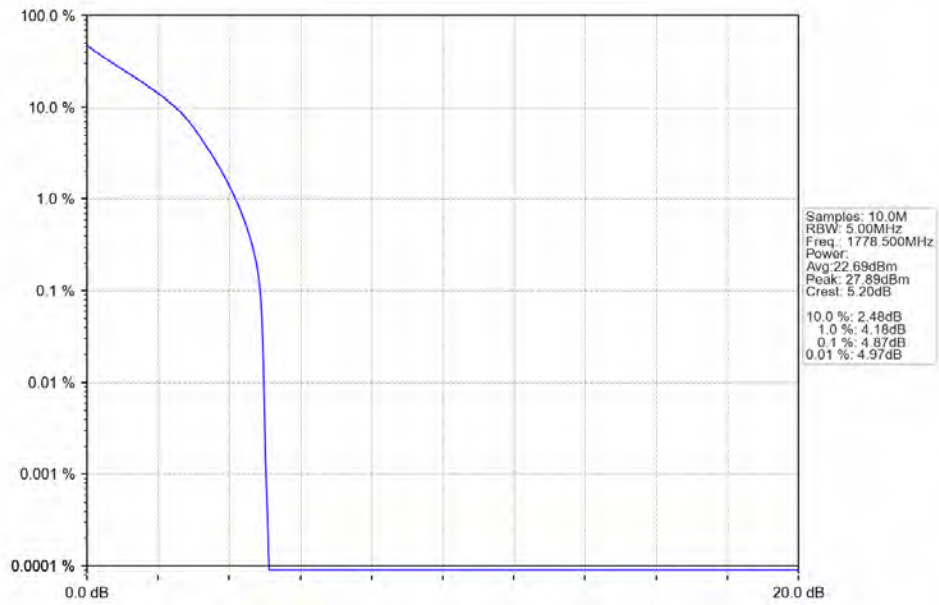
Band66 1.4MHz 64QAM HCH 1779.3MHz RB 6 0 NTNV



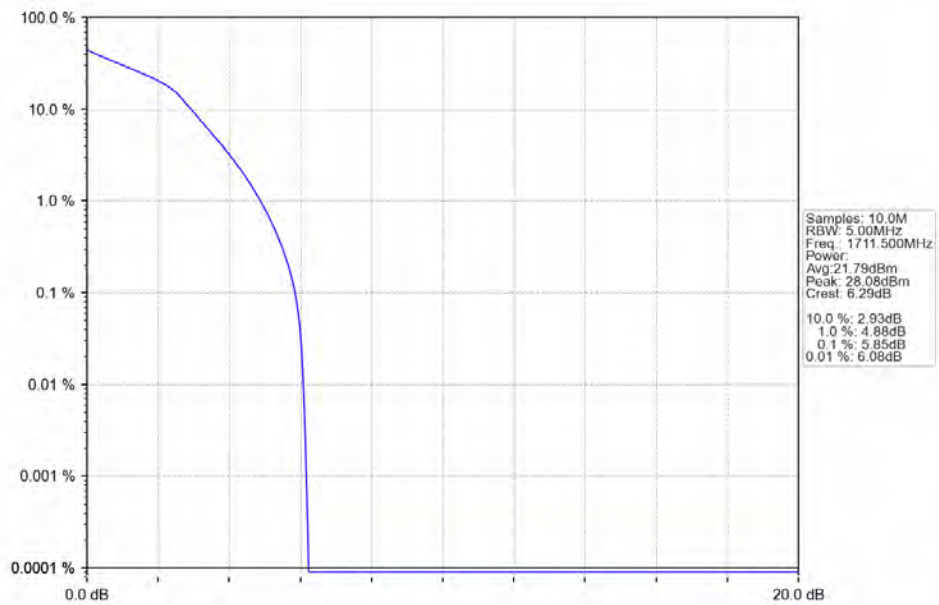
4.2.2 B66\_3MHz



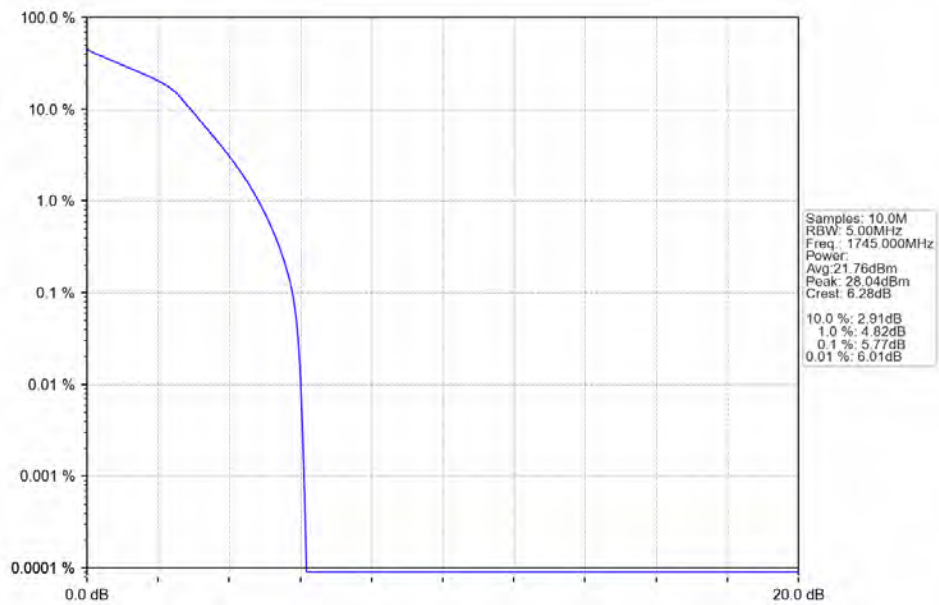
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV



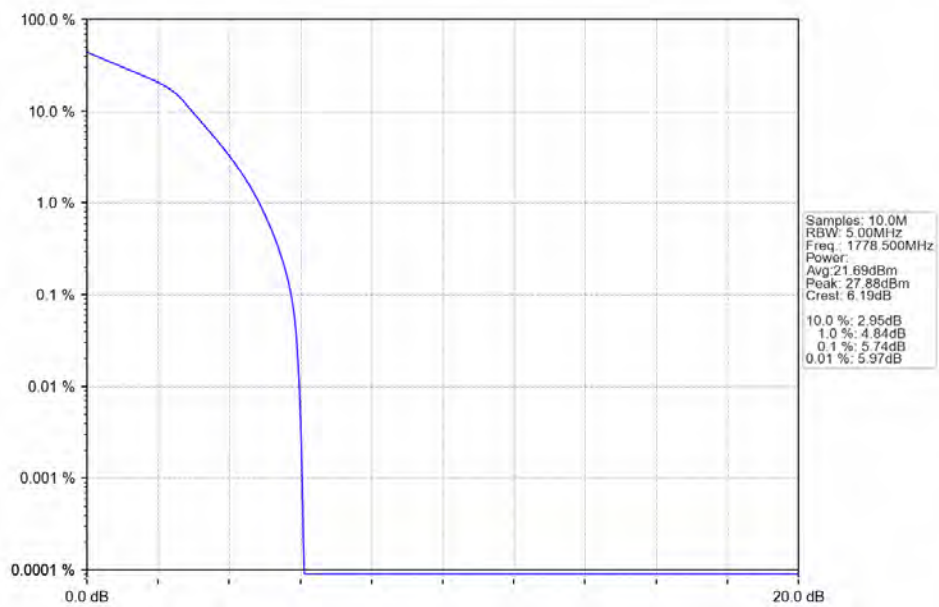
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



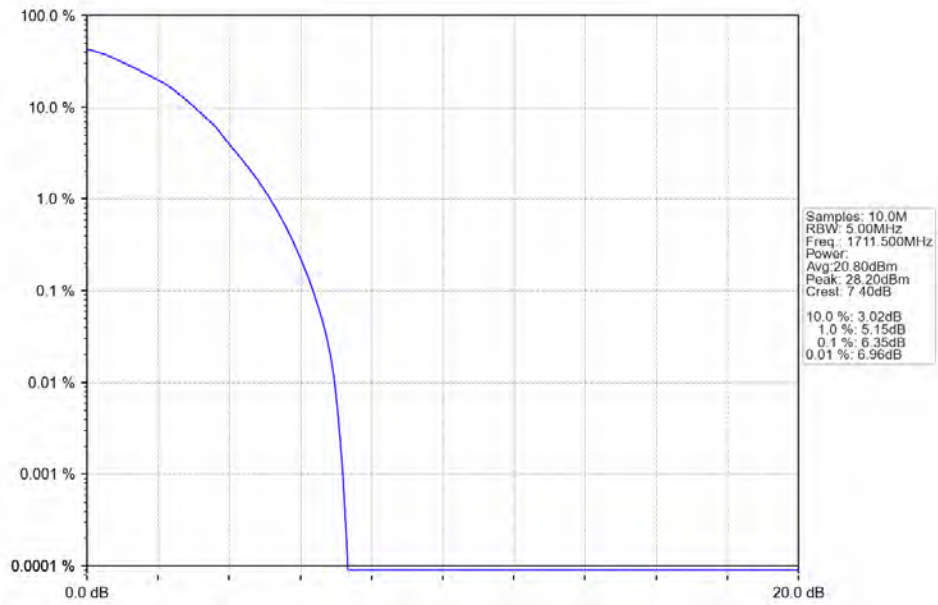
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



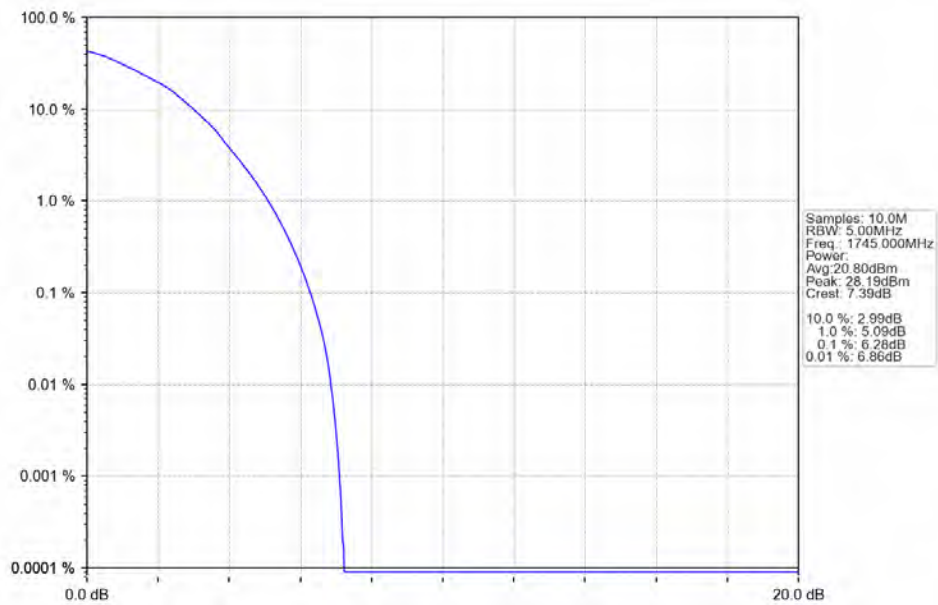
Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



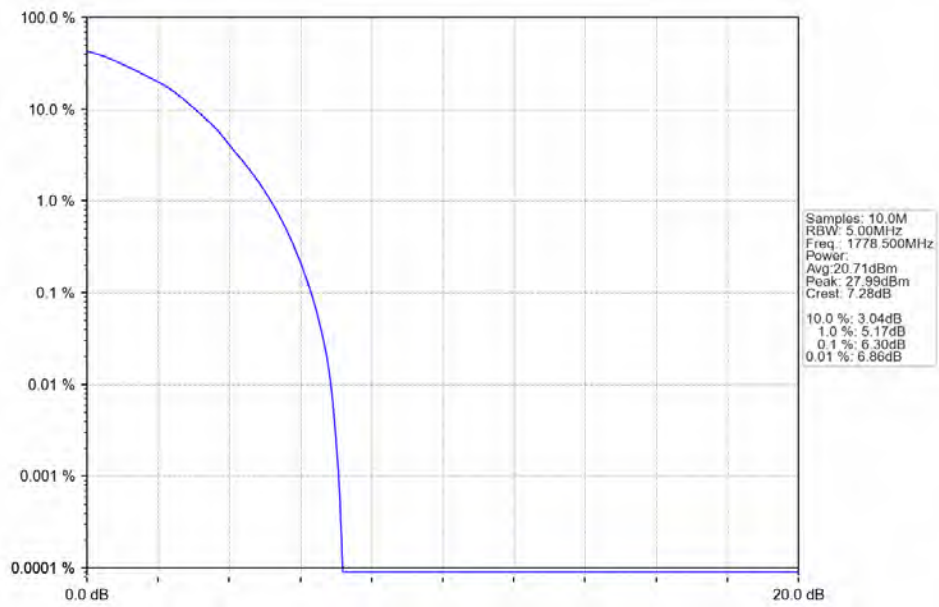
Band66 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



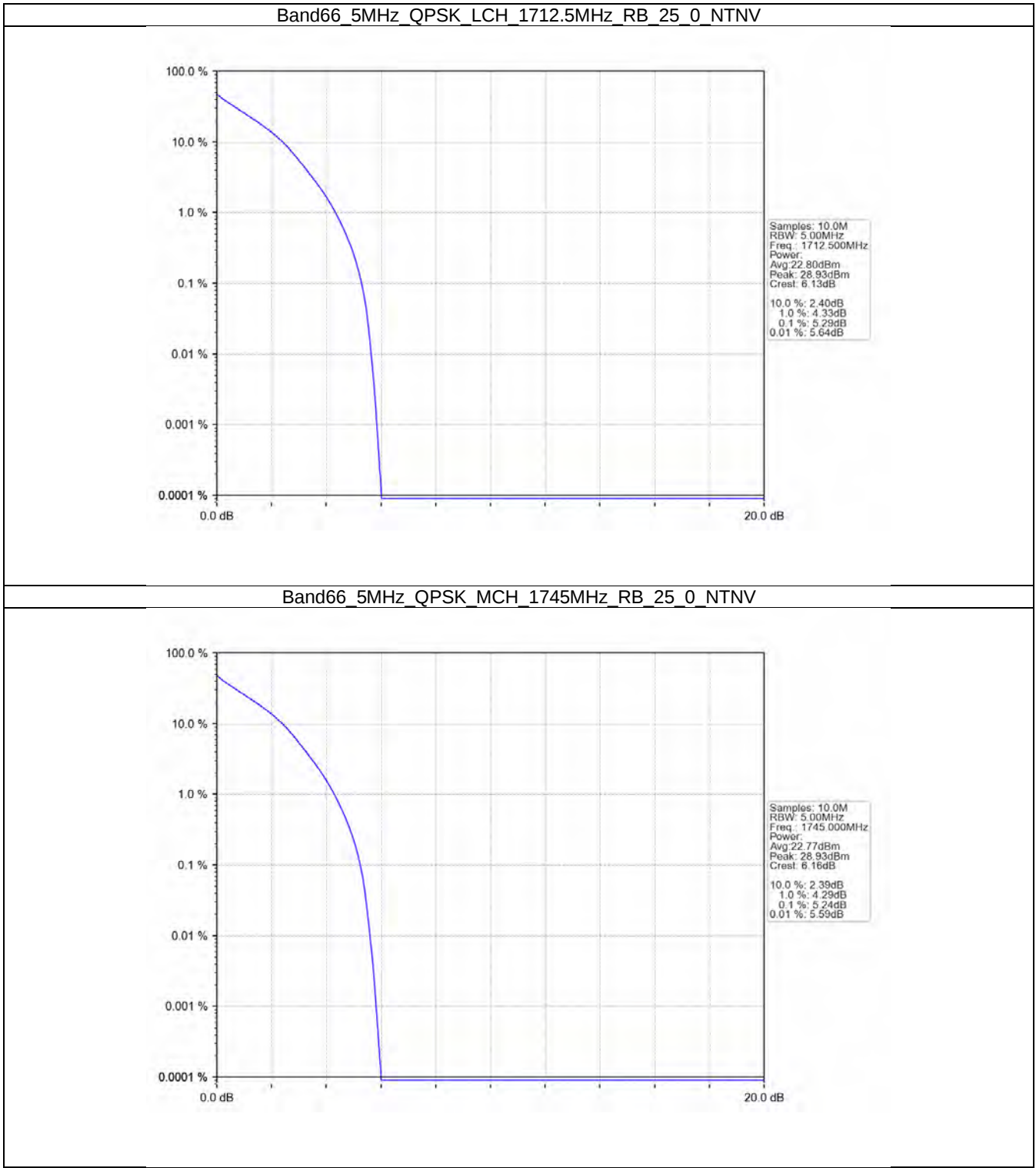
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



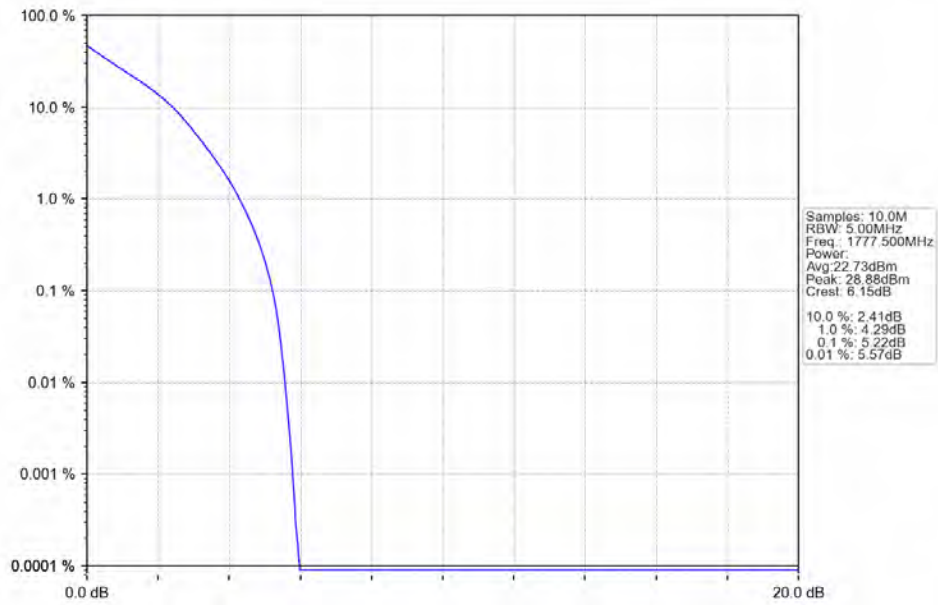
Band66 3MHz 64QAM HCH 1778.5MHz RB 15 0 NTV



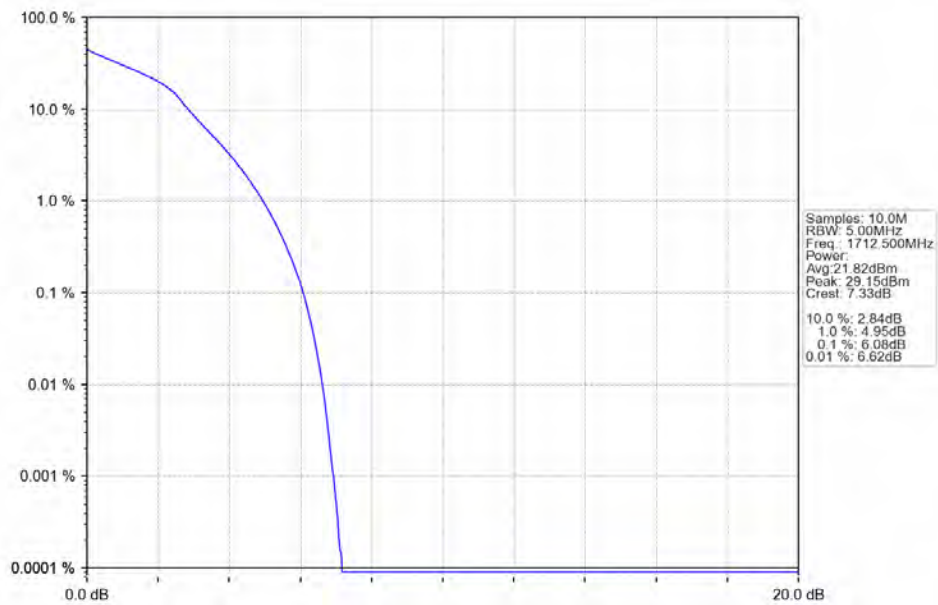
4.2.3 B66\_5MHz



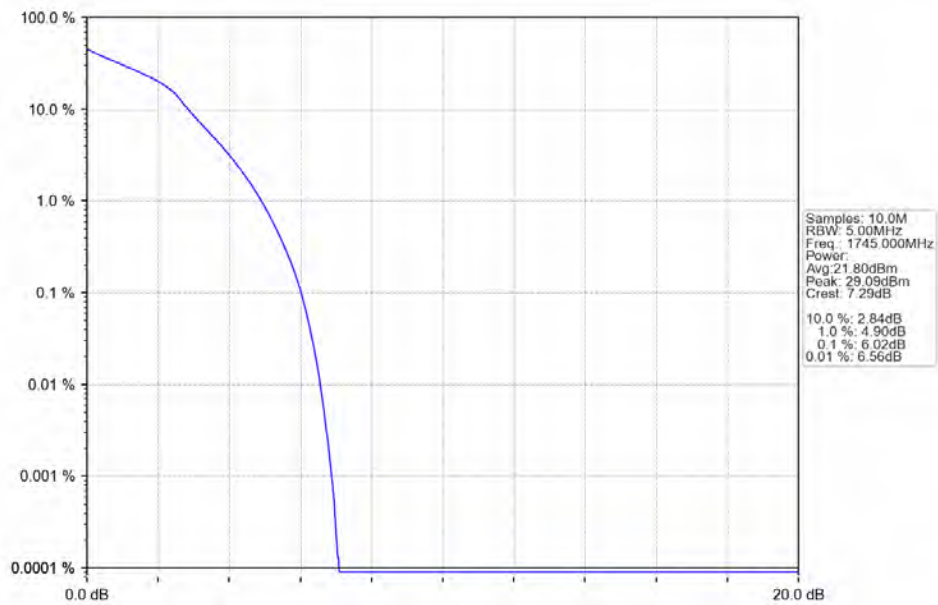
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



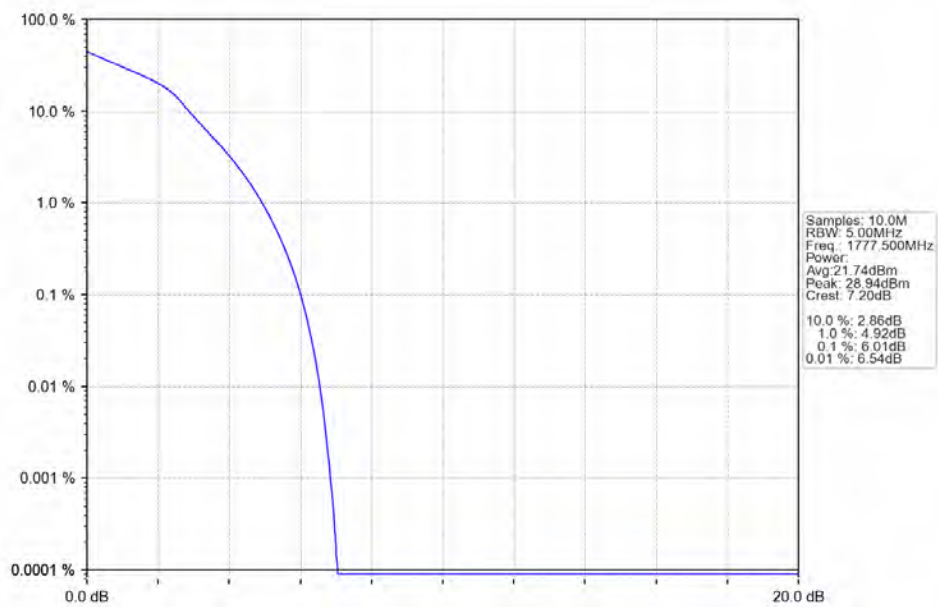
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



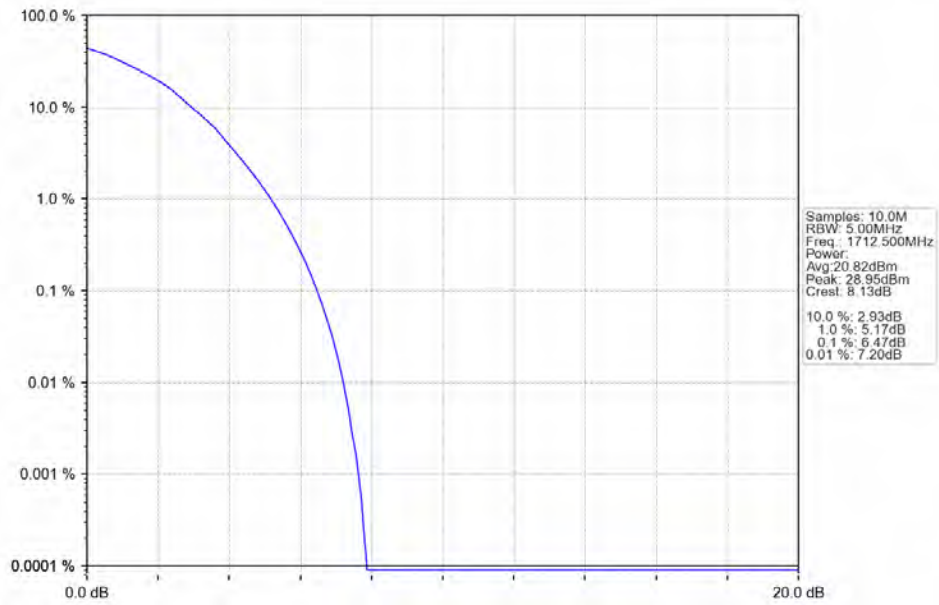
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



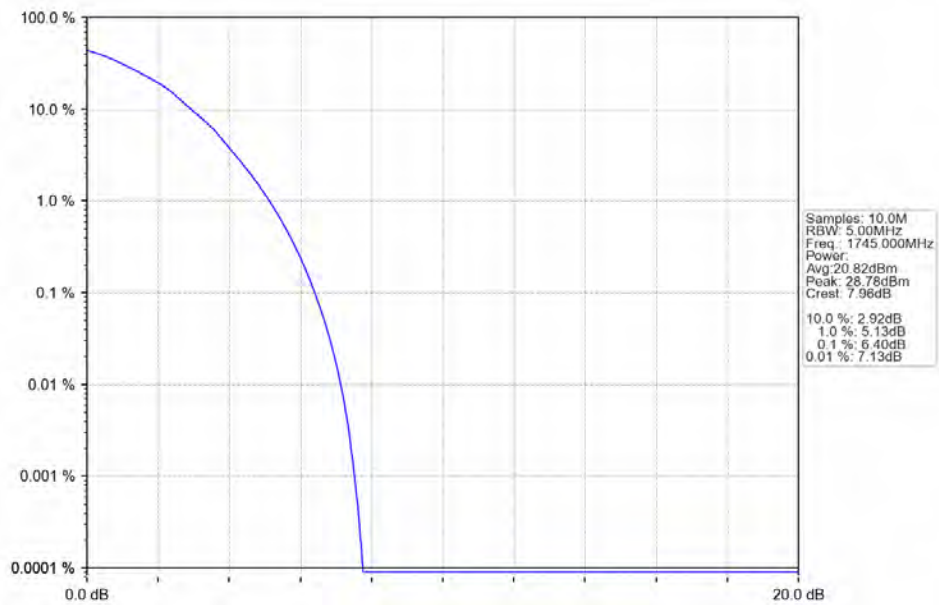
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



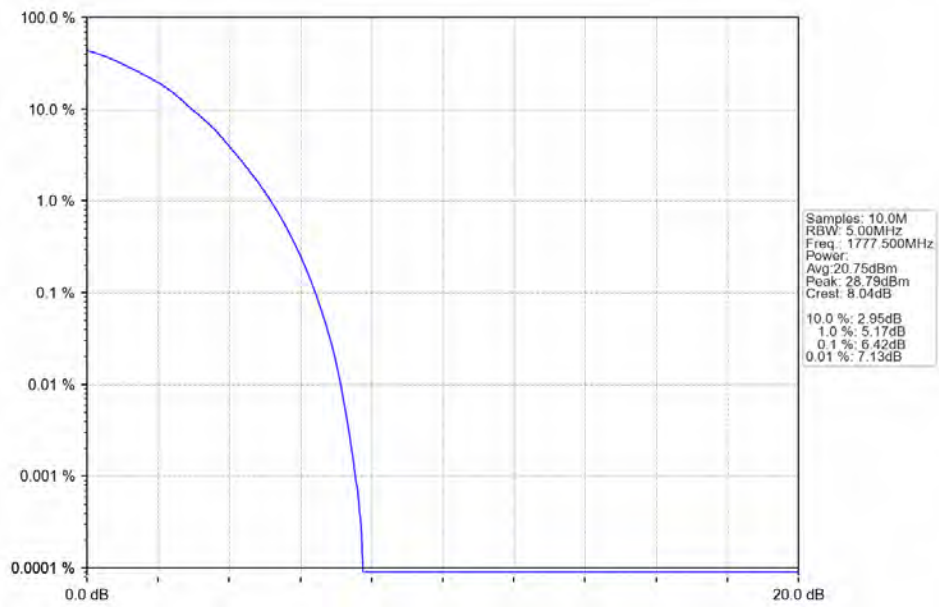
Band66 5MHz 64QAM LCH 1712.5MHz RB 25 0 NTNV



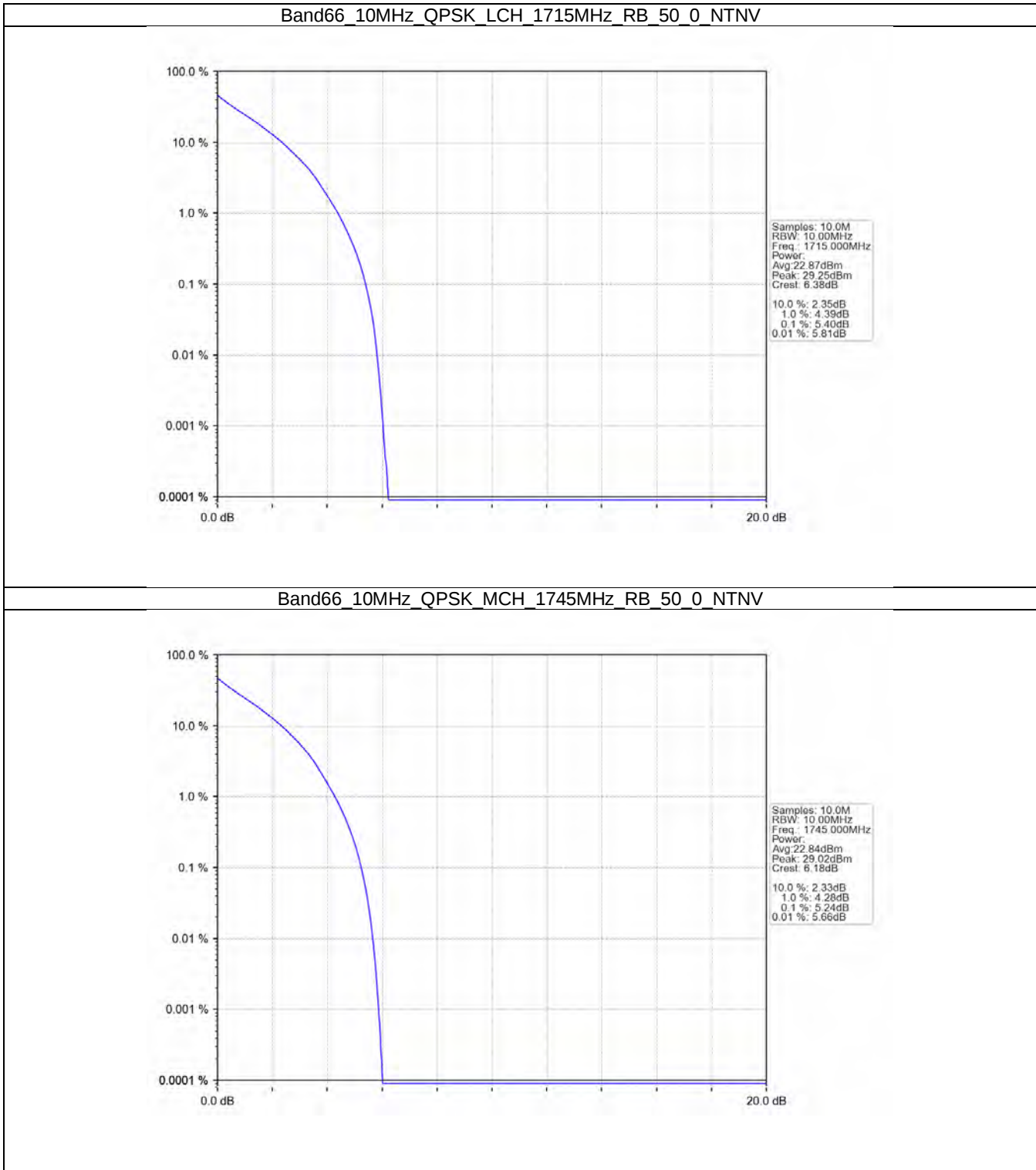
Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



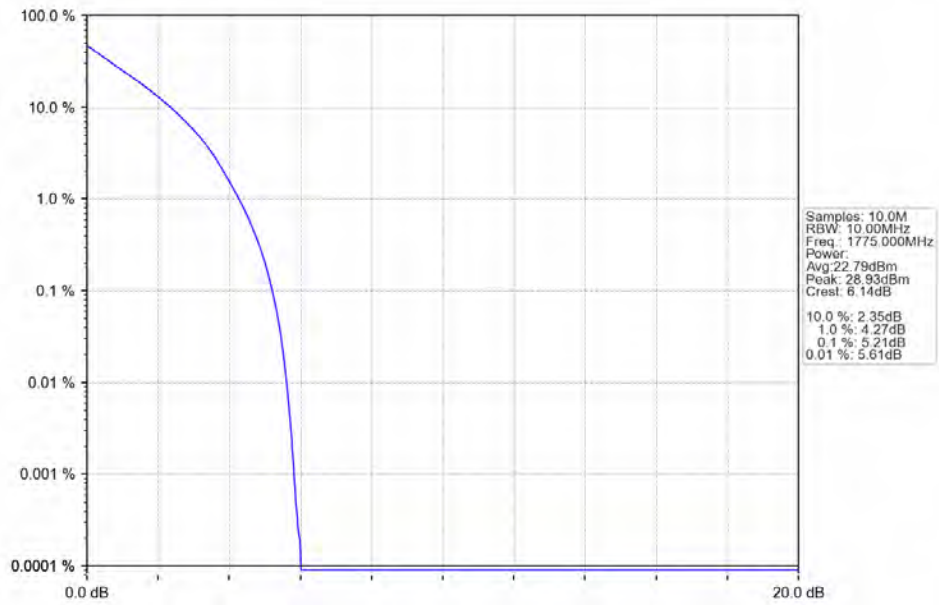
Band66 5MHz 64QAM HCH 1777.5MHz RB 25 0 NTV



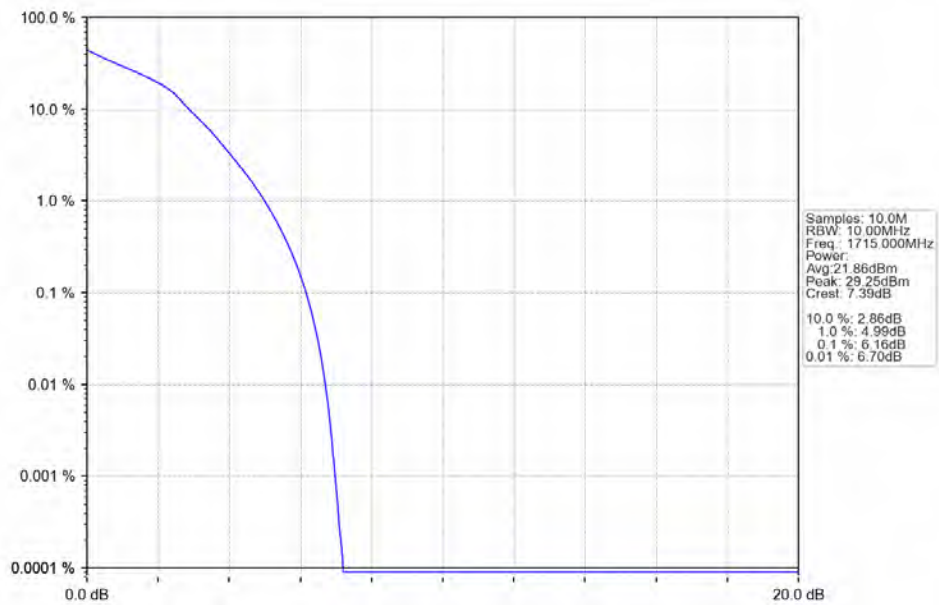
4.2.4 B66\_10MHz



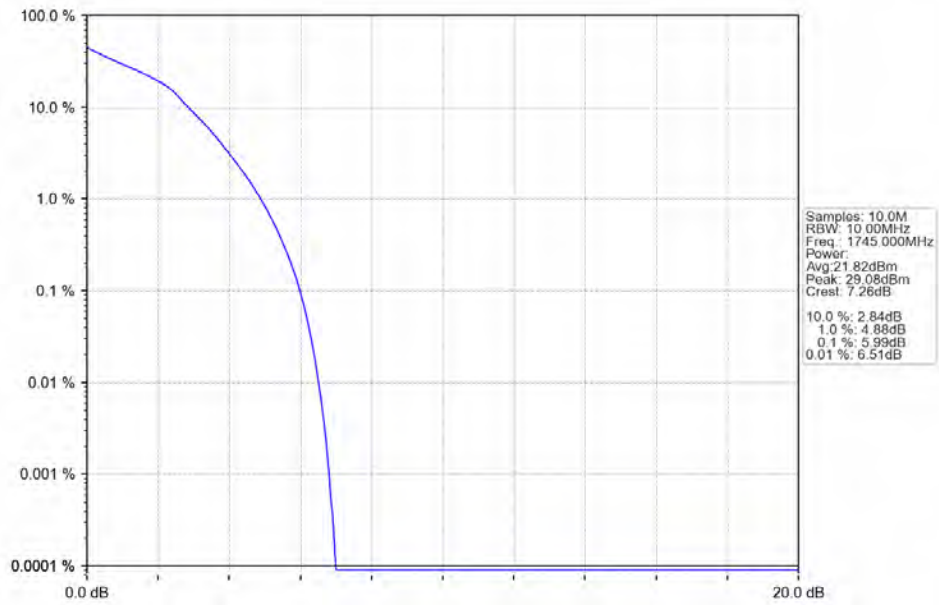
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



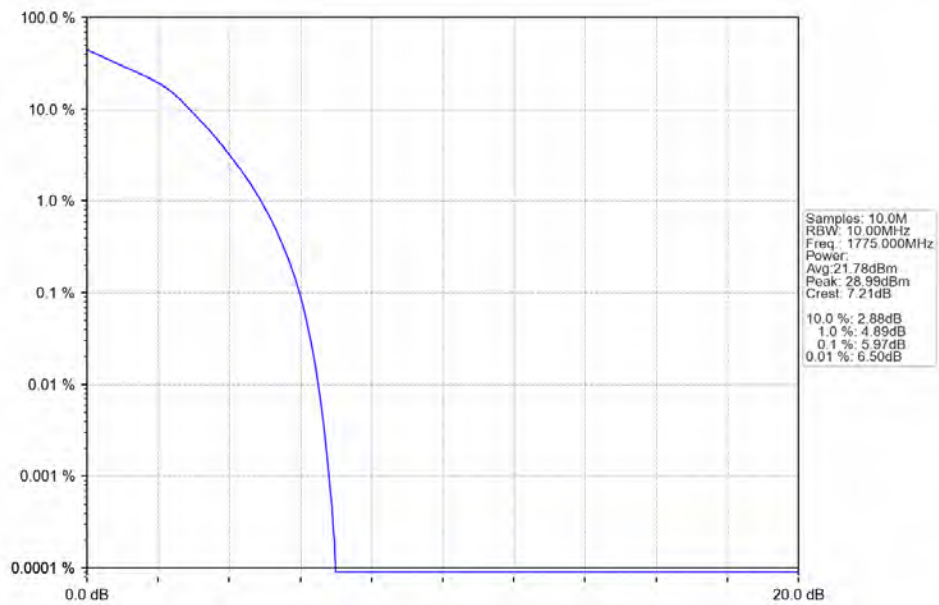
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



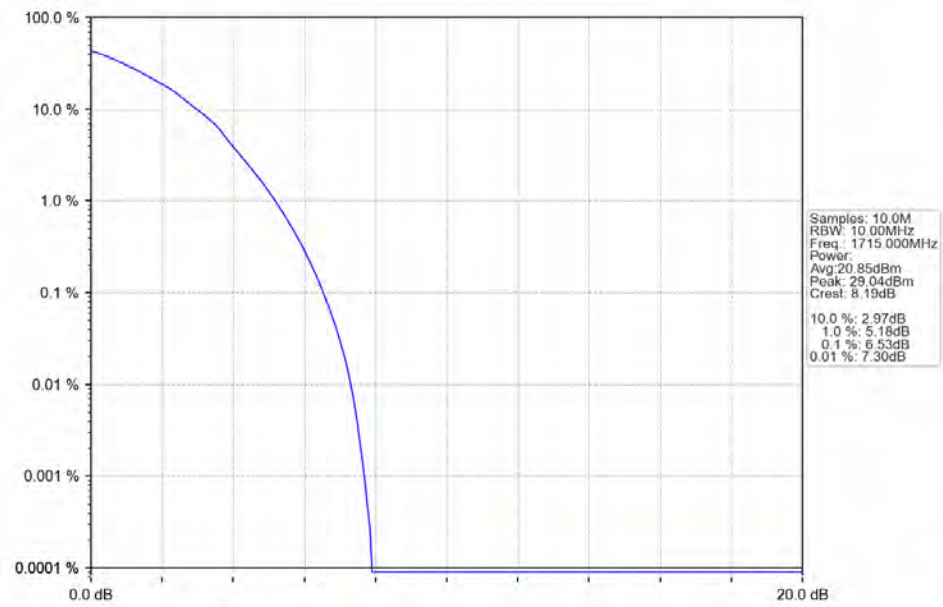
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



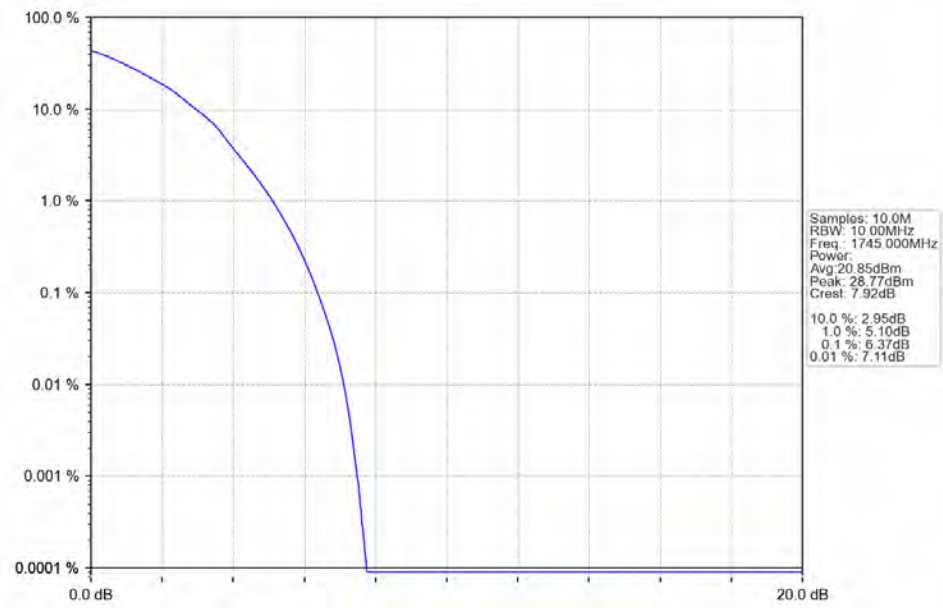
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



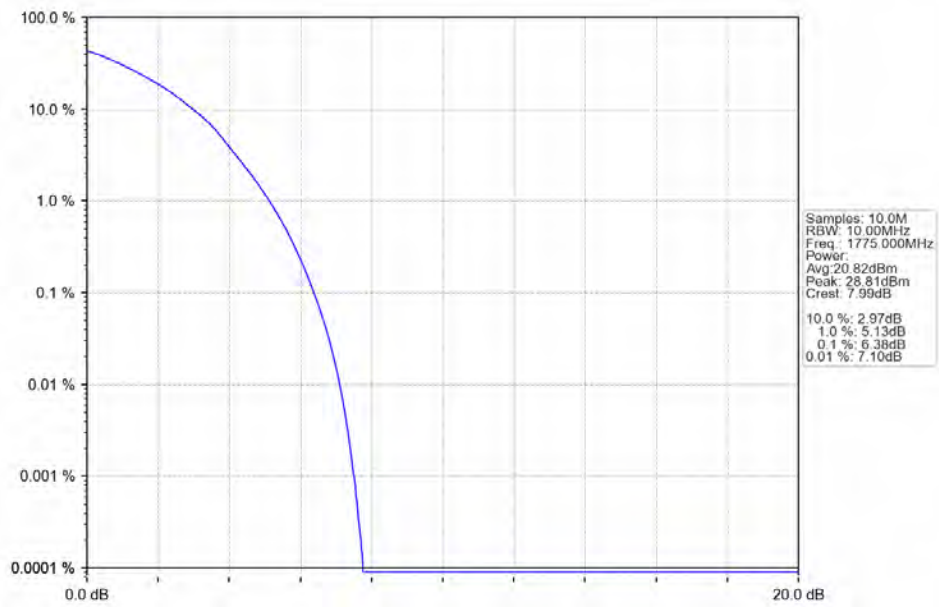
Band66 10MHz 64QAM LCH 1715MHz RB 50 0 NTNV



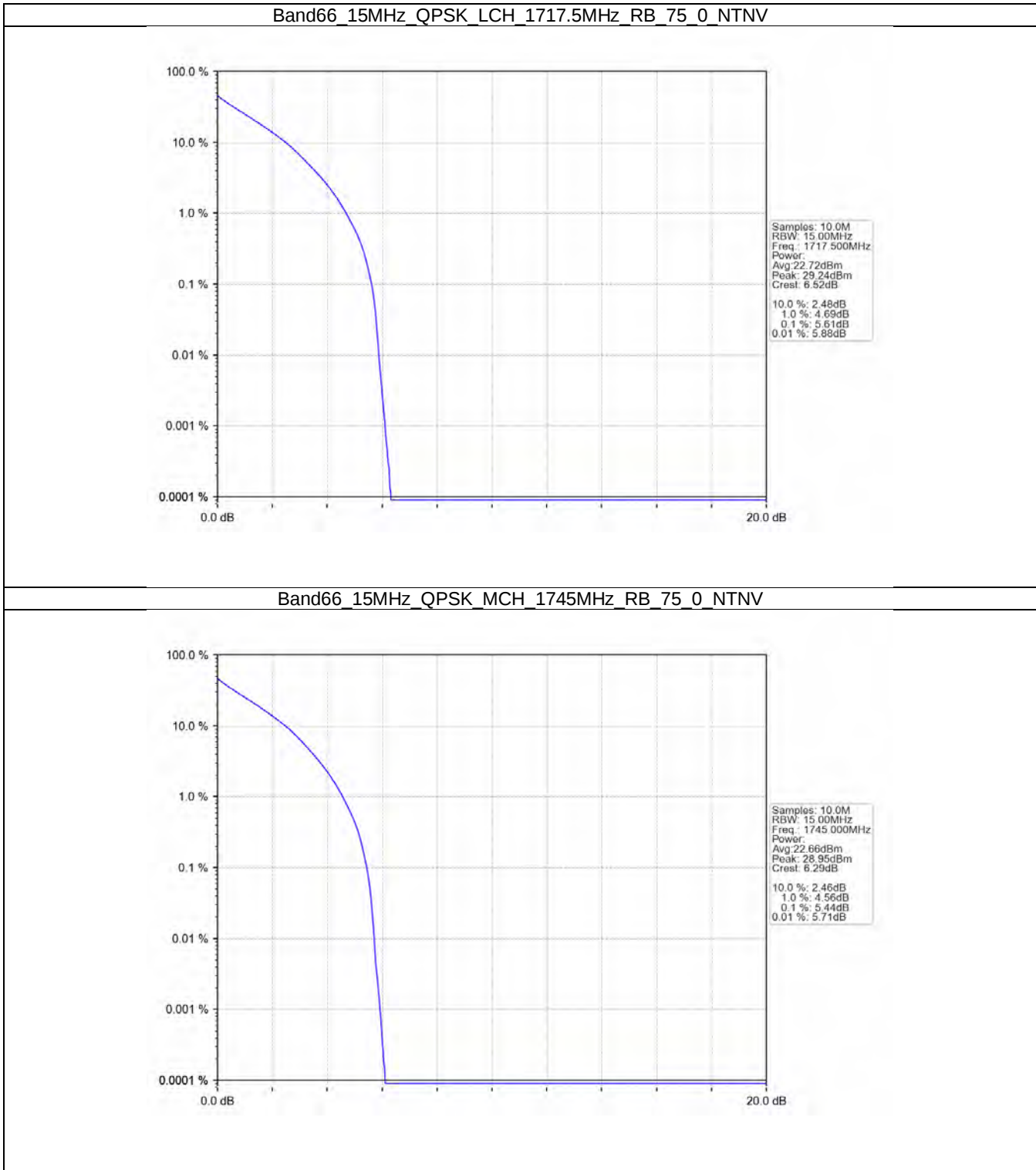
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



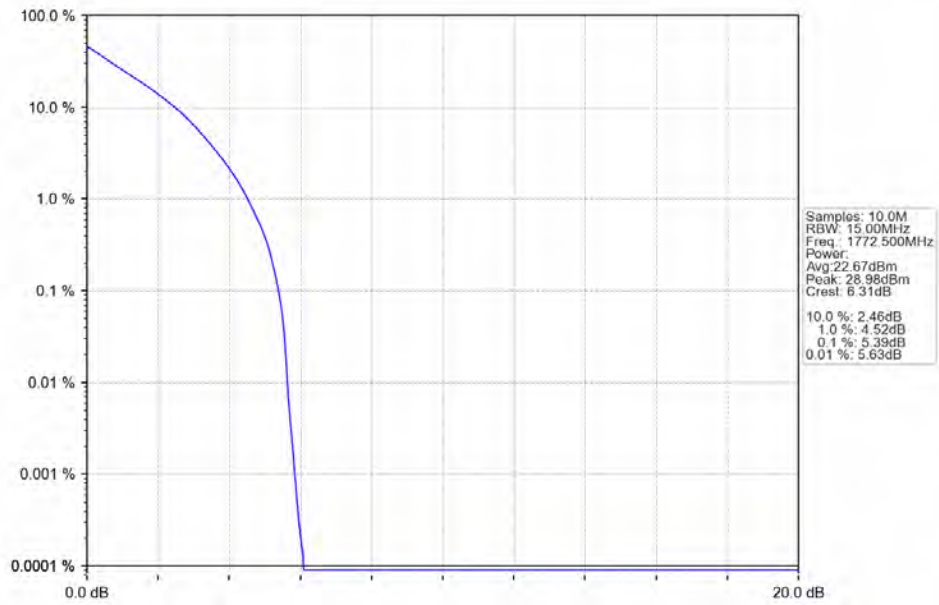
Band66 10MHz 64QAM HCH 1775MHz RB 50 0 NTNV



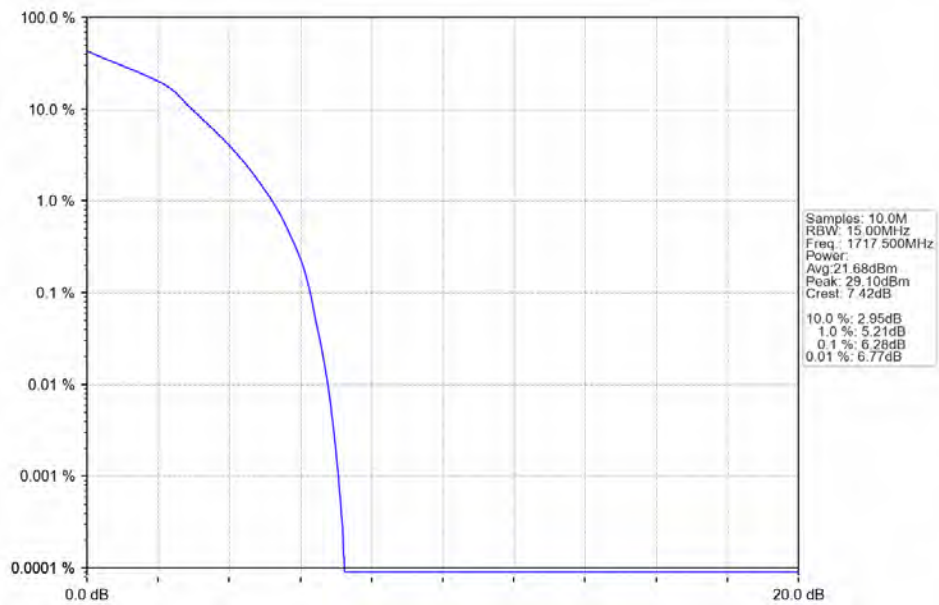
4.2.5 B66\_15MHz



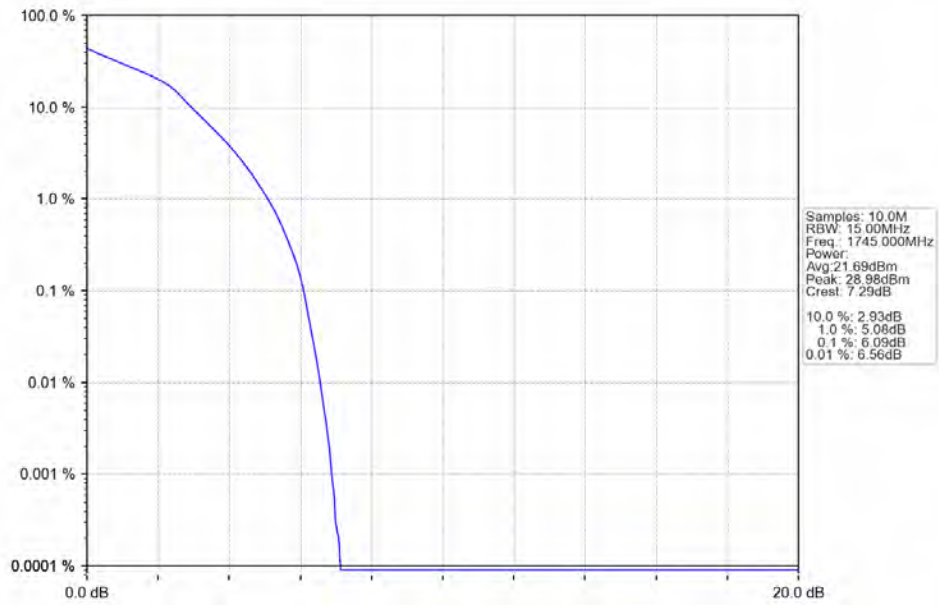
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



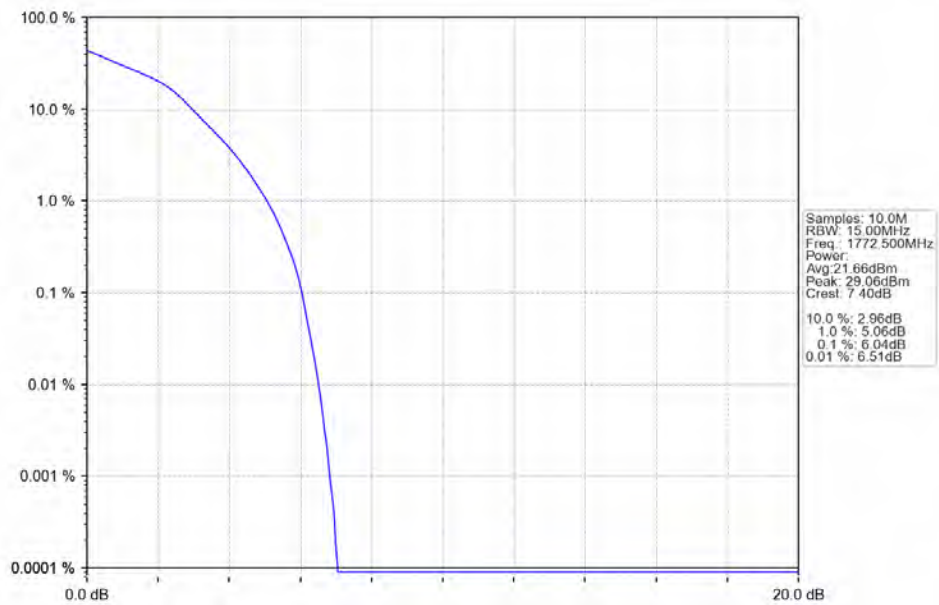
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTN



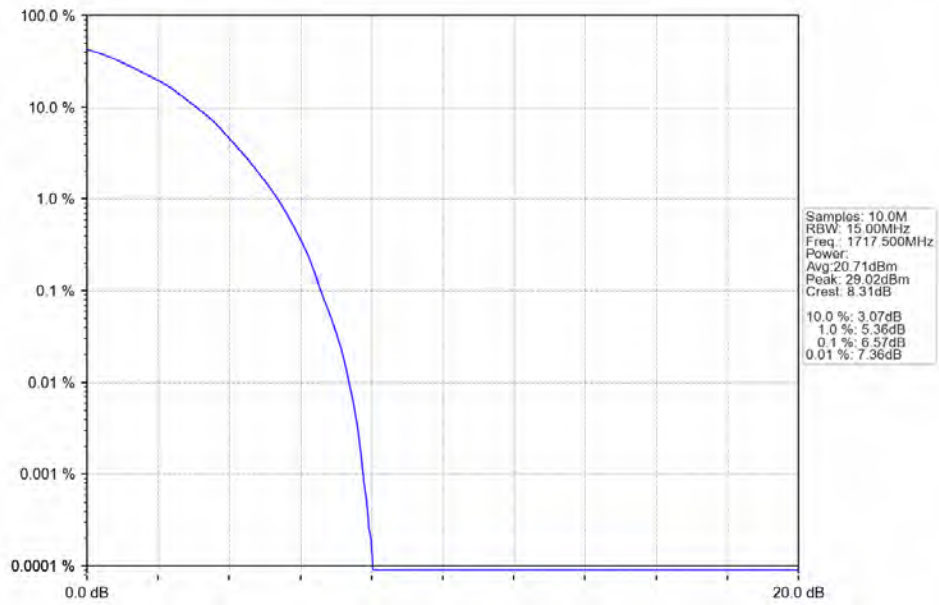
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



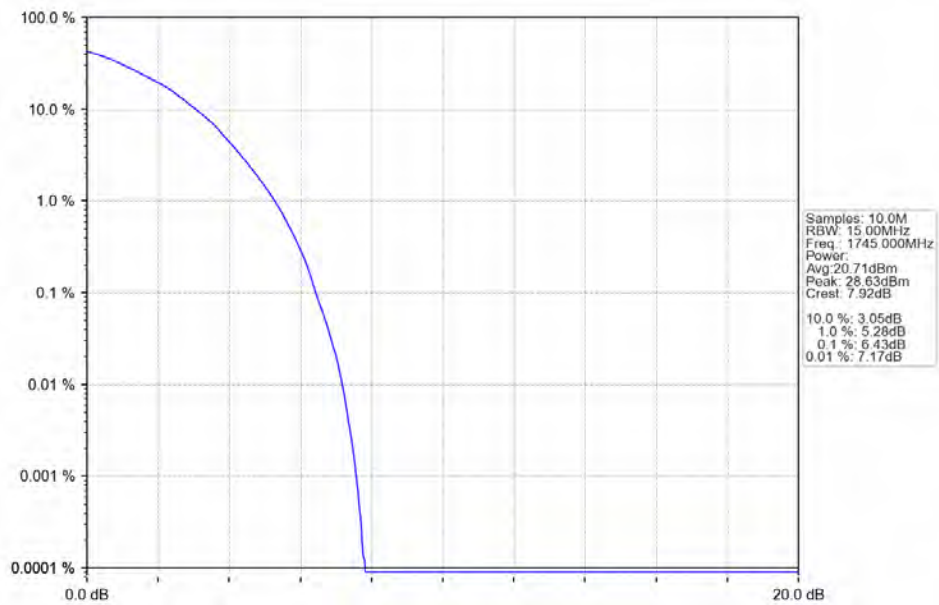
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



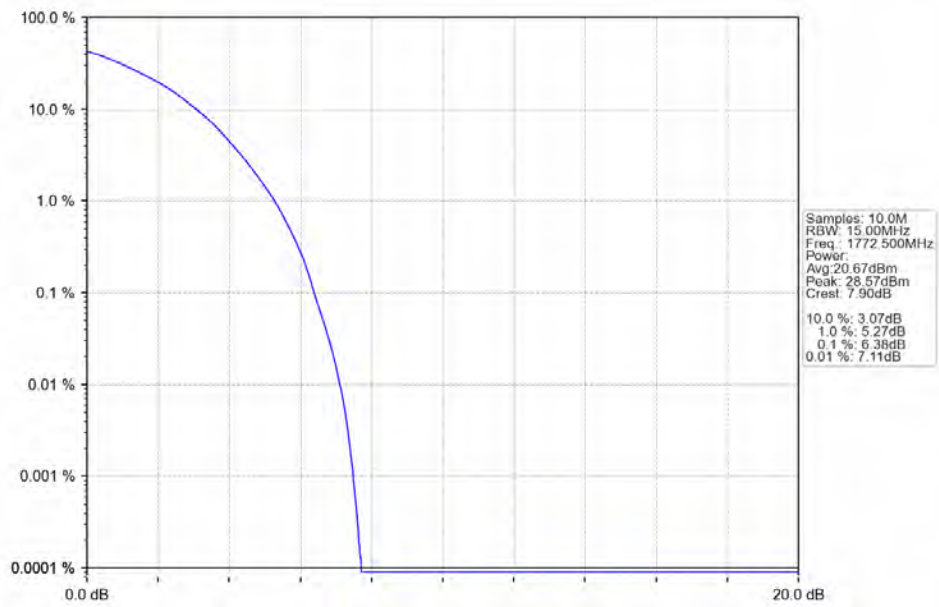
Band66 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTNV



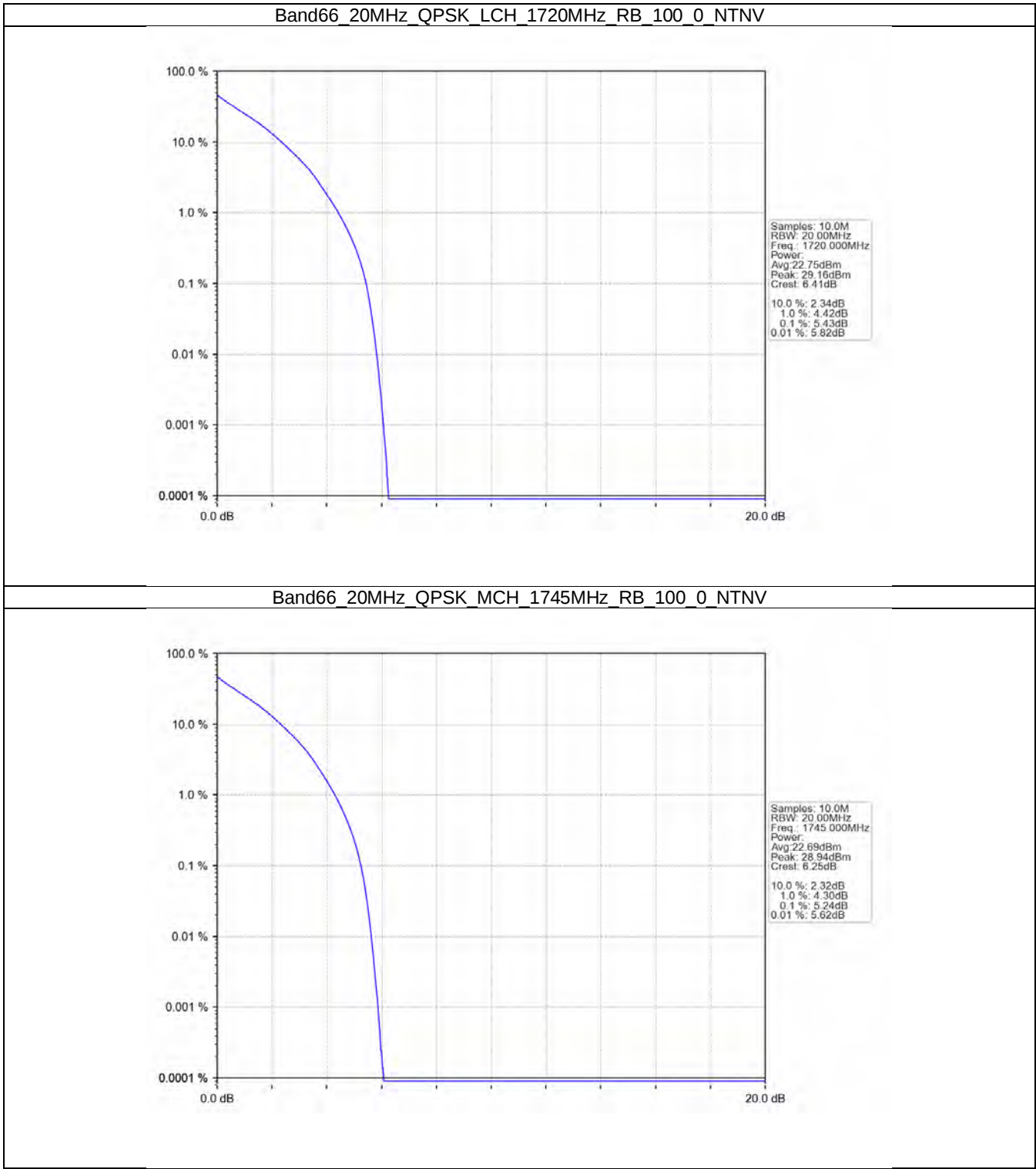
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



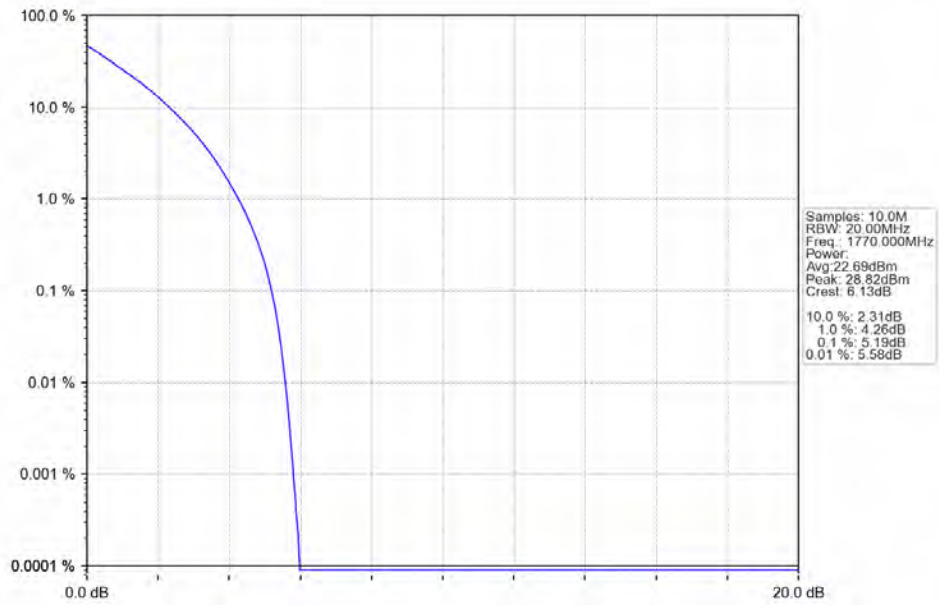
Band66 15MHz 64QAM HCH 1772.5MHz RB 75 0 NTNV



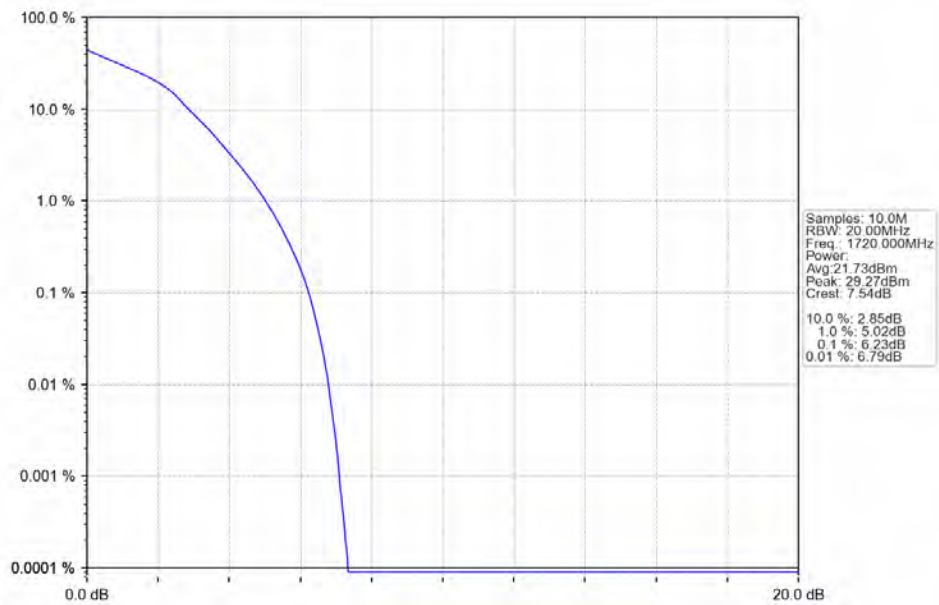
4.2.6 B66\_20MHz



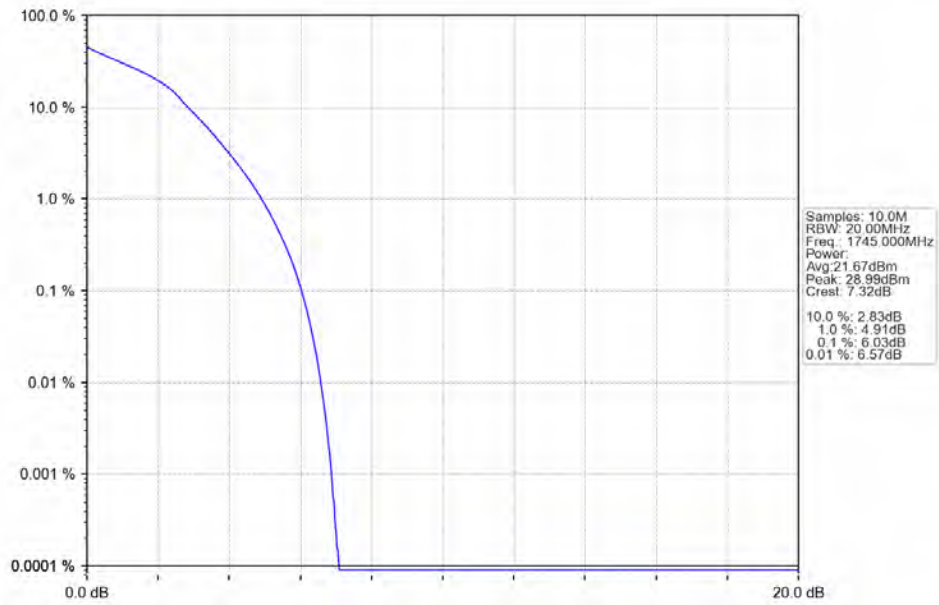
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



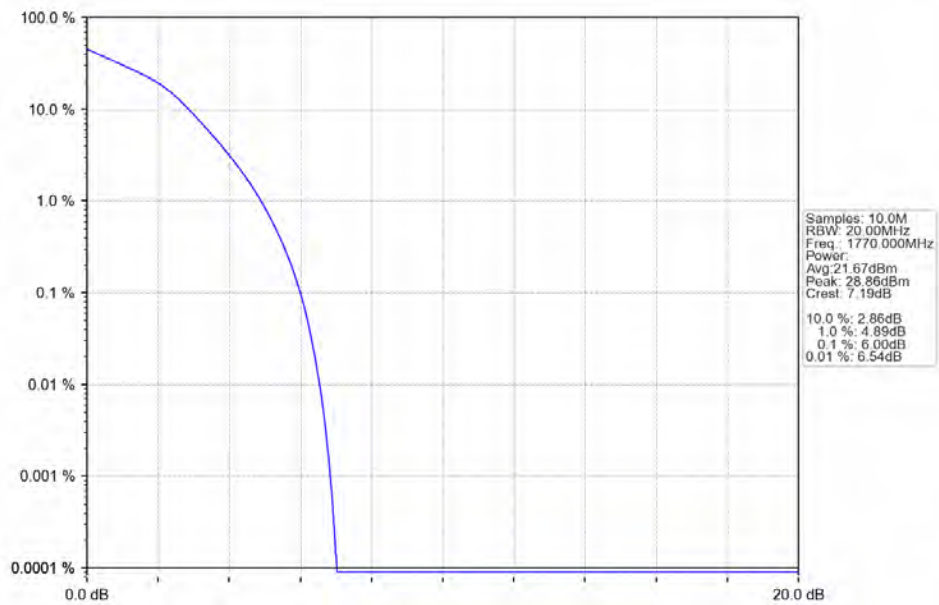
Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



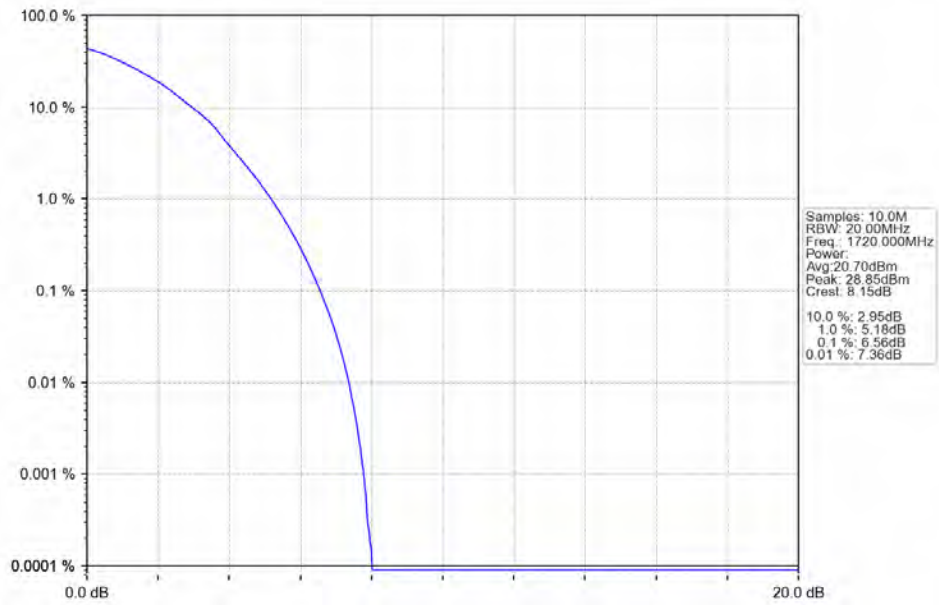
Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



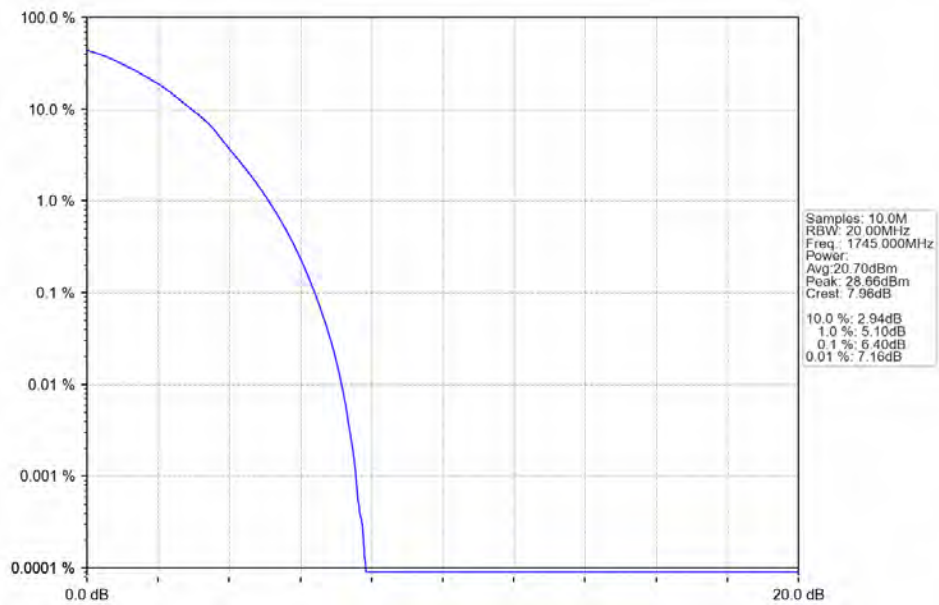
Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



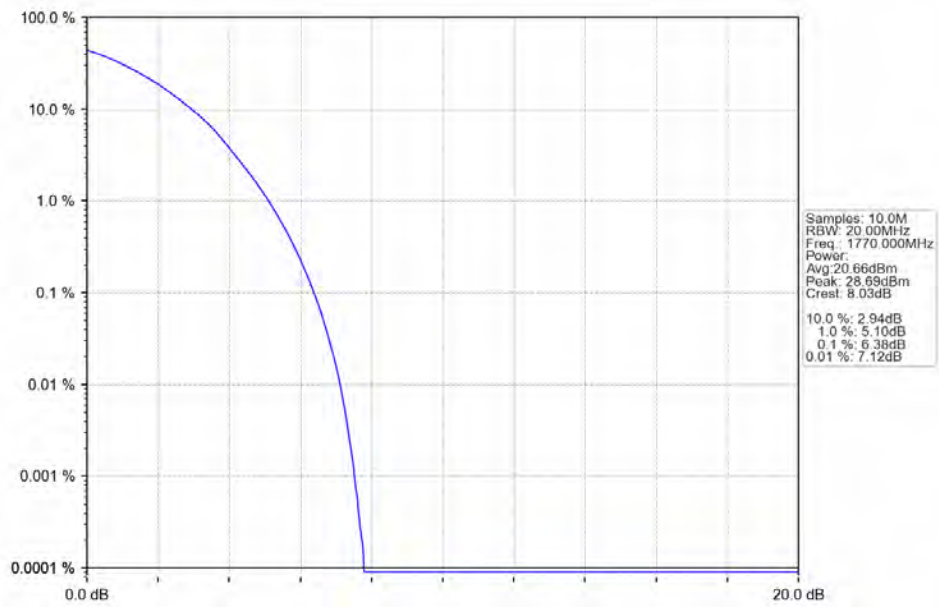
Band66 20MHz 64QAM LCH 1720MHz RB 100 0 NTNV



Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66 20MHz 64QAM HCH 1770MHz RB 100 0 NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 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    |
|                                     | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | 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    |
|                                     | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                               | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 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    |
|                                   | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | 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    |
|                                   | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                             | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                   | 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    |
| 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    |
| 64QAM                             | 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    |

#### 5.1.4 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    |
| 64QAM                              | 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    |

#### 5.1.5 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    |

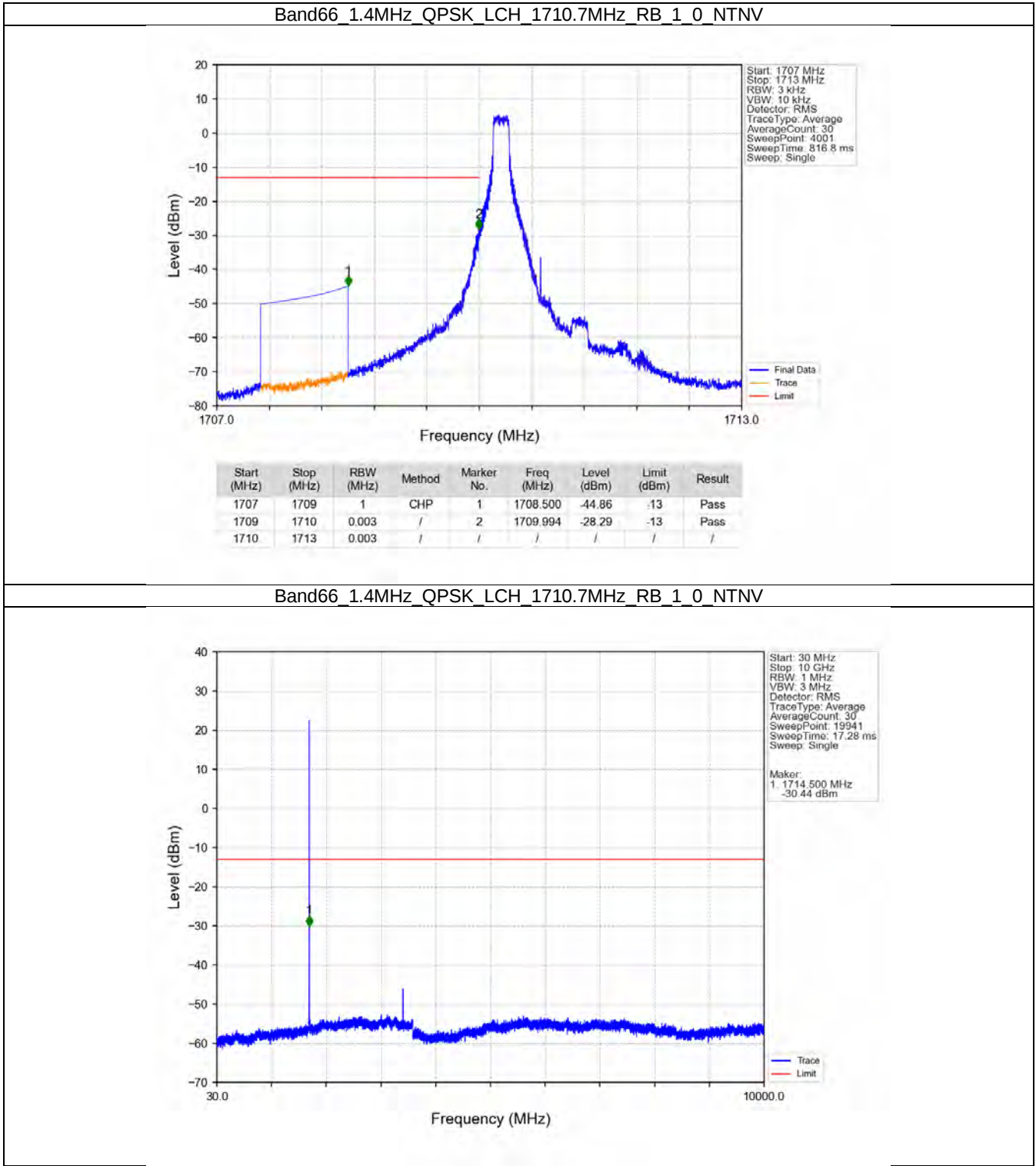
|       |        |    |    |                     |      |
|-------|--------|----|----|---------------------|------|
|       |        | 75 | 0  | Refer To Test Graph | Pass |
| 16QAM | 1717.5 | 1  | 0  | Refer To Test Graph | Pass |
|       |        | 75 | 0  | Refer To Test Graph | Pass |
|       | 1745   | 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 |
| 64QAM | 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 |

### 5.1.6 B66\_20MHz

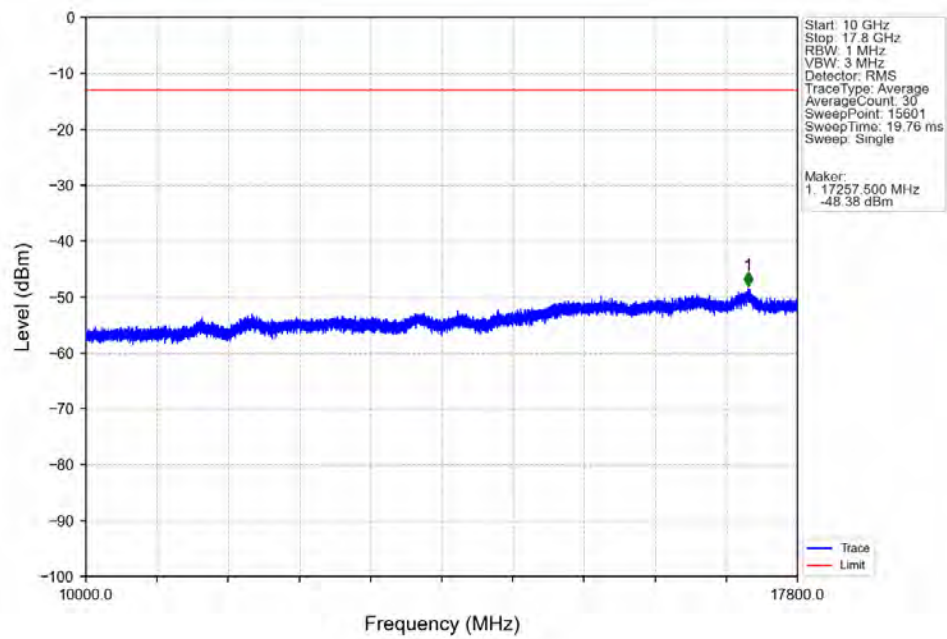
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |                     |         |
|------------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                         | 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 |         |
| 64QAM                              | 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    |

5.2 Test Graph

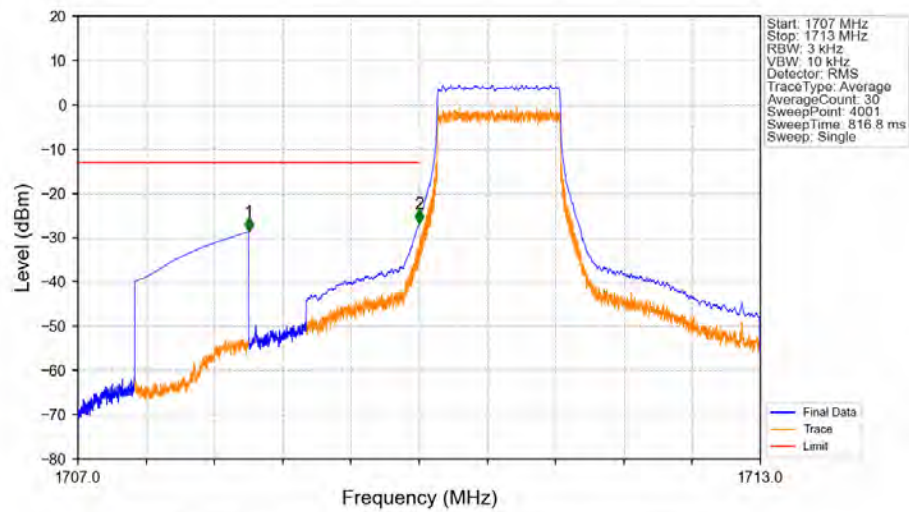
5.2.1 B66\_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

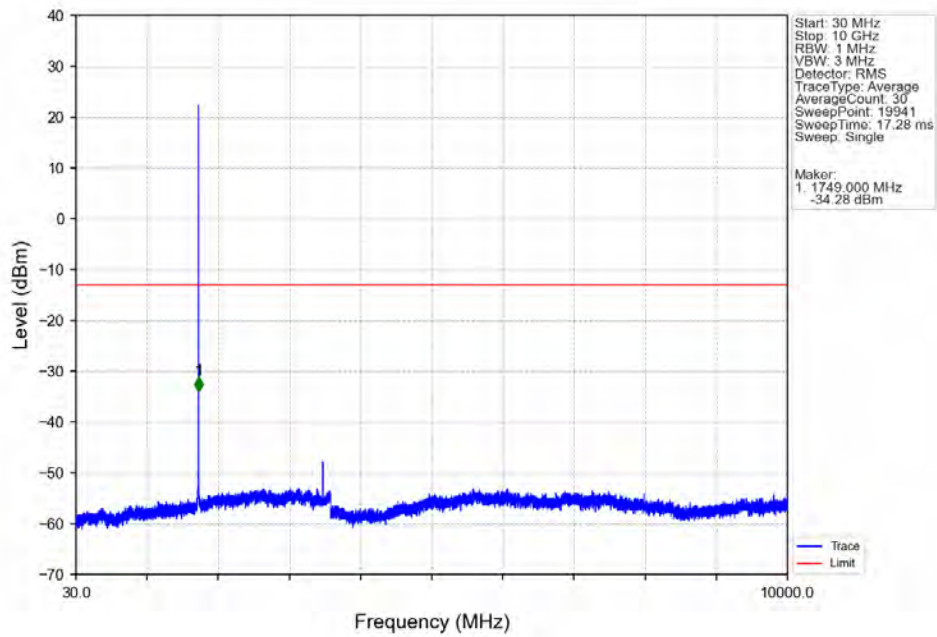


Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

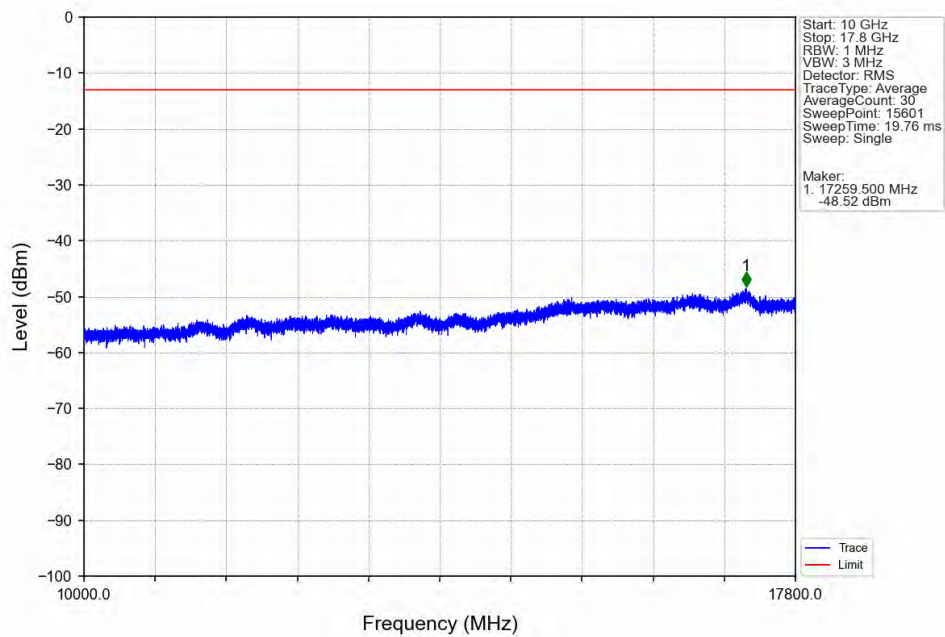


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -28.64      | -13         | Pass   |
| 1709        | 1710       | 0.014     | CHP    | 2          | 1709.998   | -26.71      | -13         | Pass   |
| 1710        | 1713       | 0.014     | CHP    | /          | /          | /           | /           | /      |

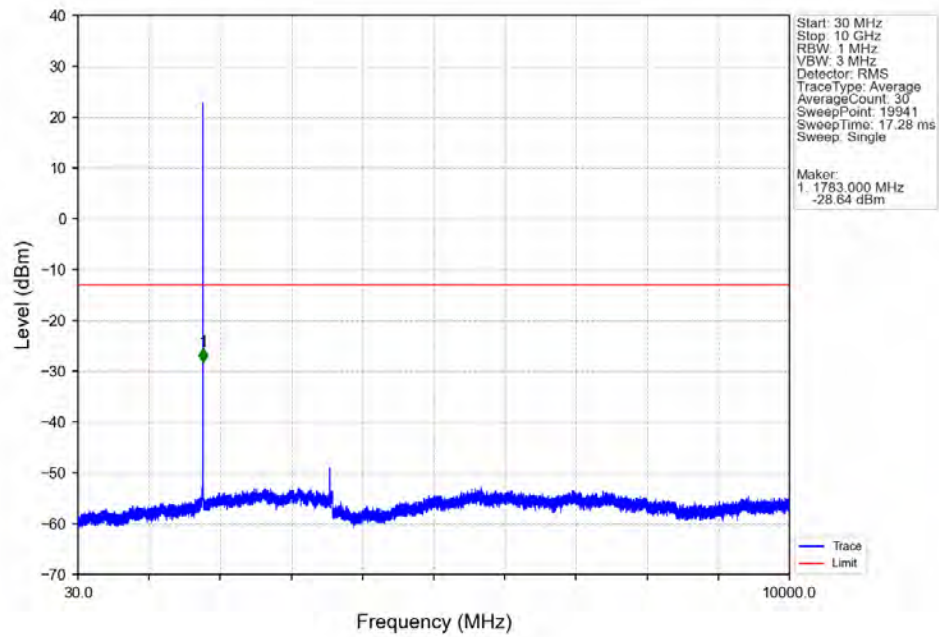
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



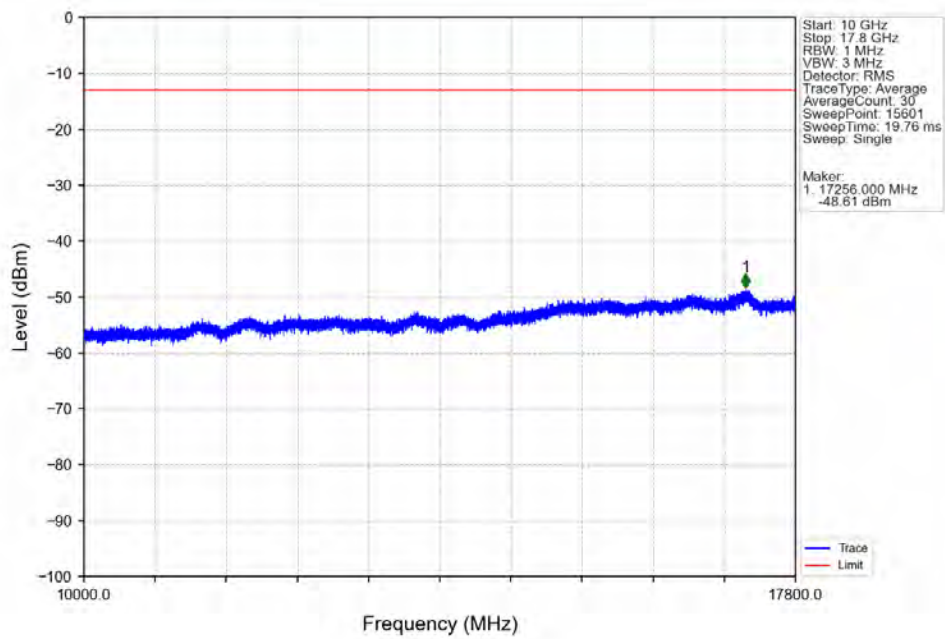
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



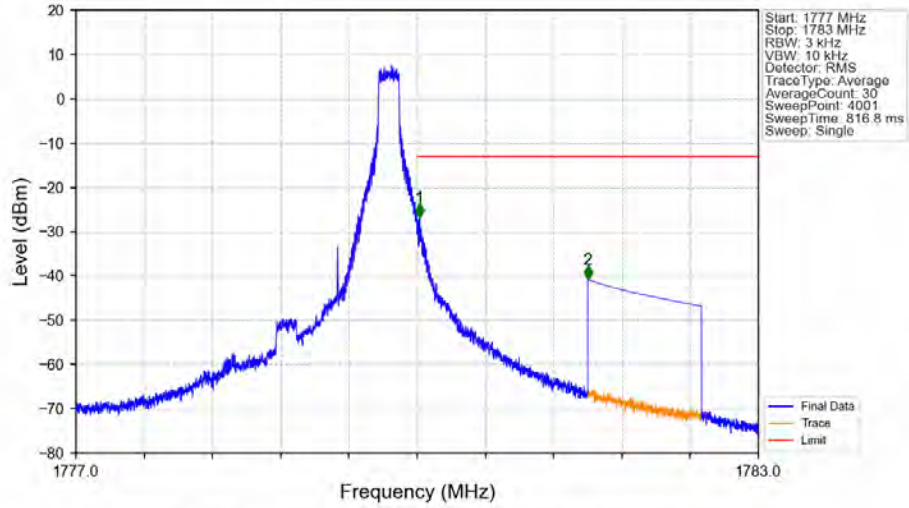
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

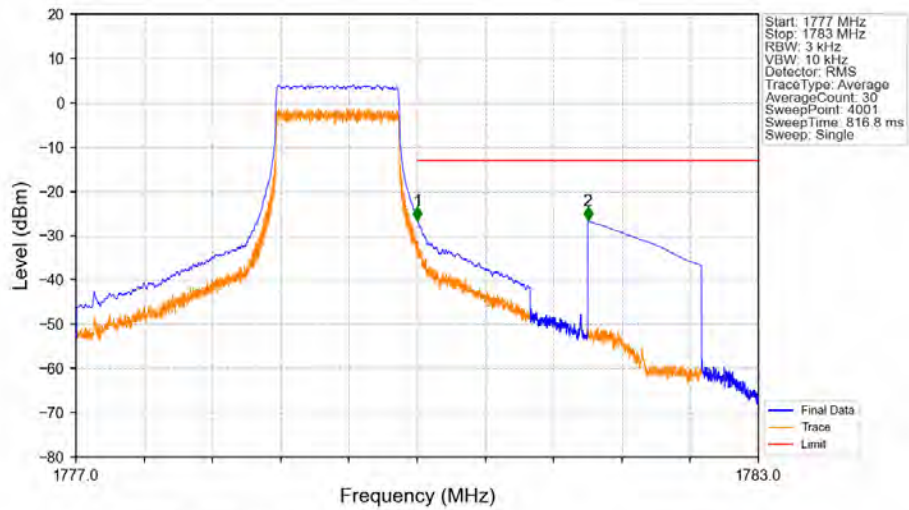


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



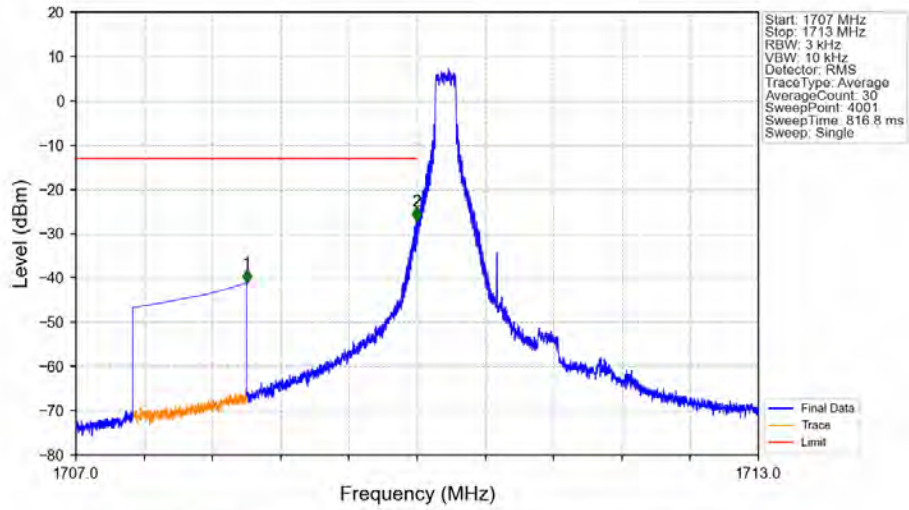
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.021   | -26.80      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -40.86      | -13         | Pass   |

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



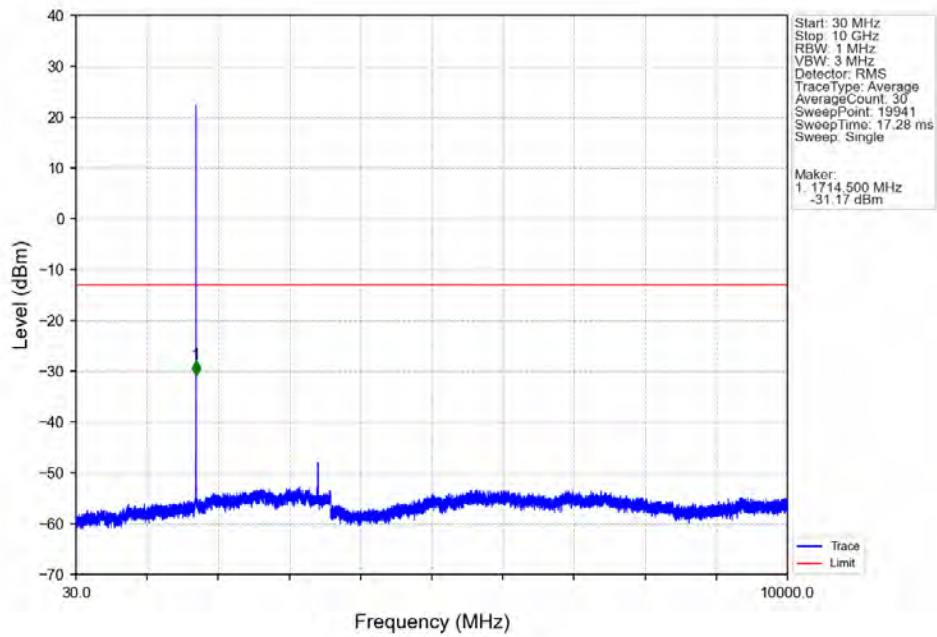
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.014     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.014     | CHP    | 1          | 1780.002   | -26.58      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -26.65      | -13         | Pass   |

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

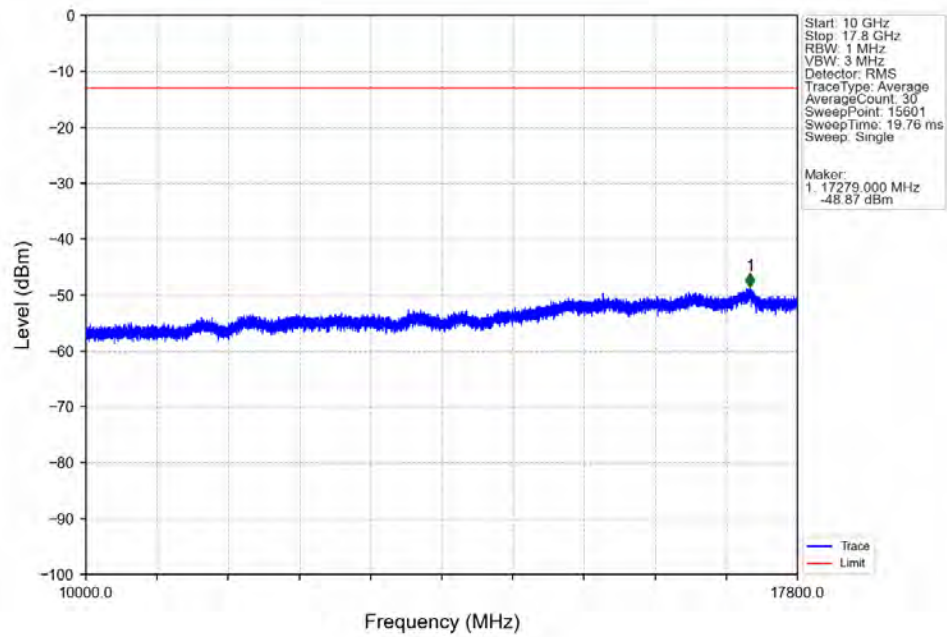


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -41.14      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.993   | -27.06      | -13         | Pass   |
| 1710        | 1713       | 0.003     | /      | /          | /          | /           | /           | /      |

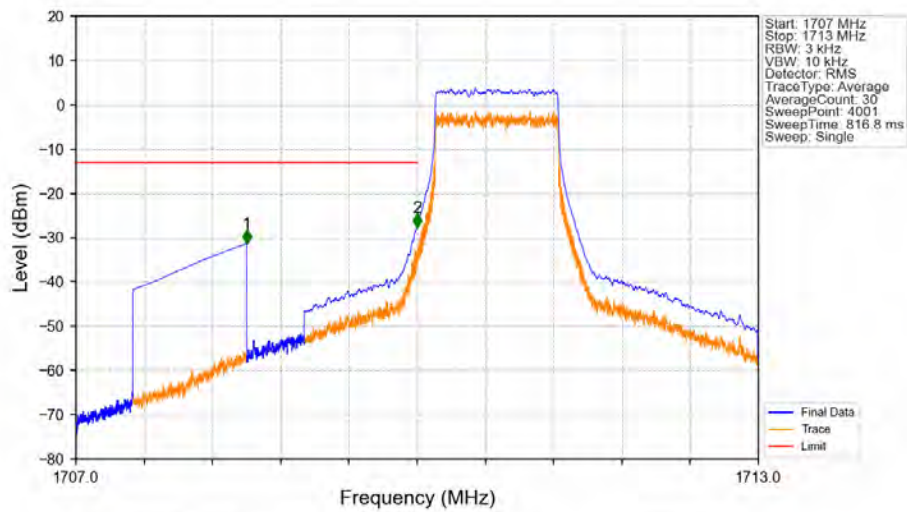
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



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

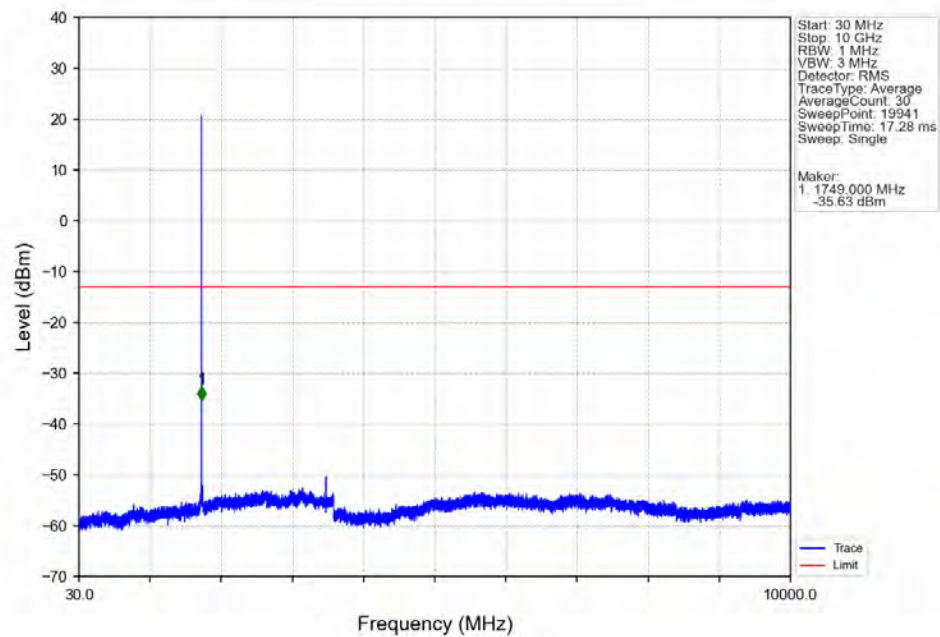


Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

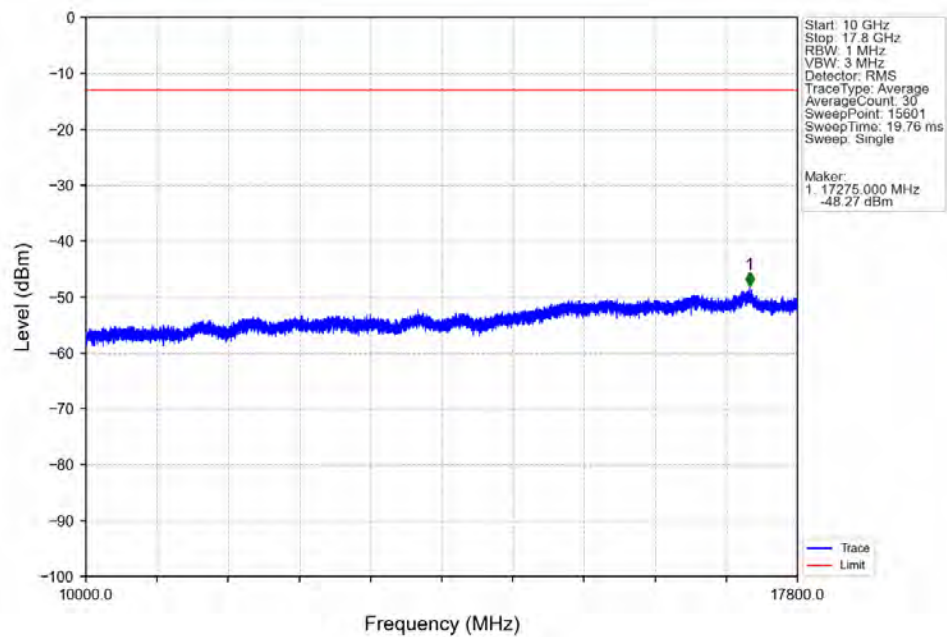


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -31.35      | -13         | Pass   |
| 1709        | 1710       | 0.014     | CHP    | 2          | 1709.998   | -27.71      | -13         | Pass   |
| 1710        | 1713       | 0.014     | CHP    | /          | /          | /           | /           | /      |

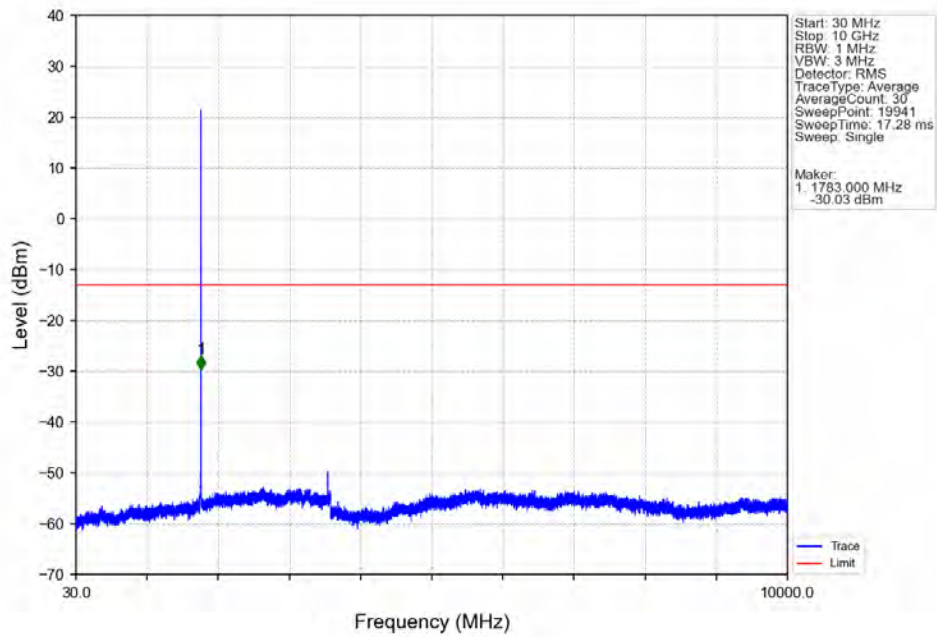
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTV



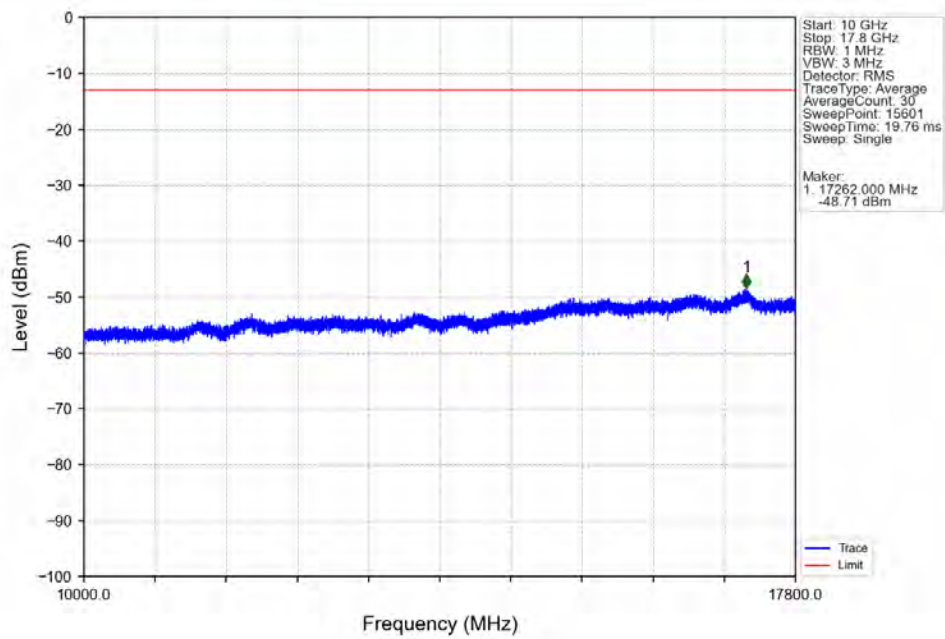
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTV



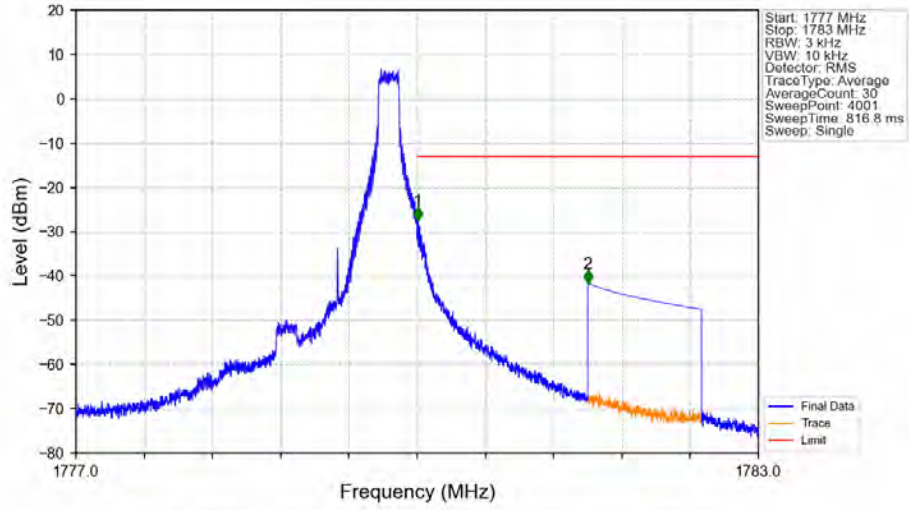
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



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

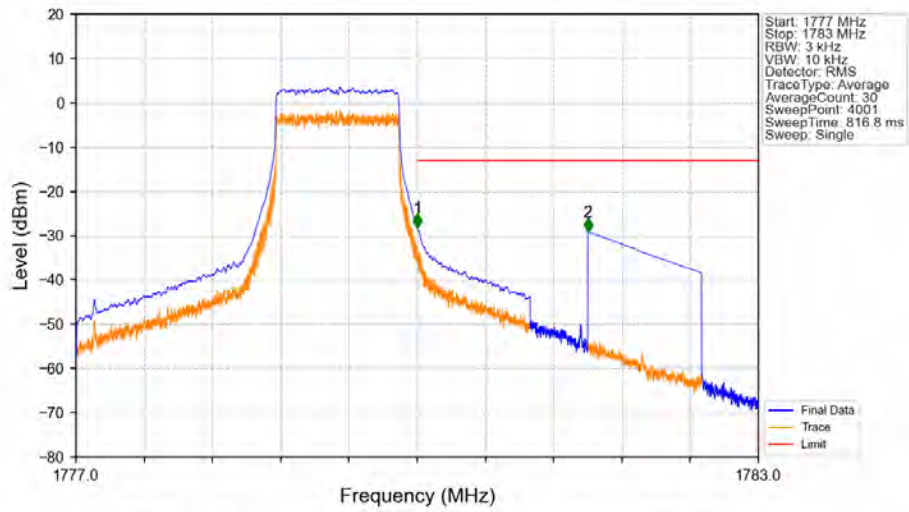


Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 5 NTNV



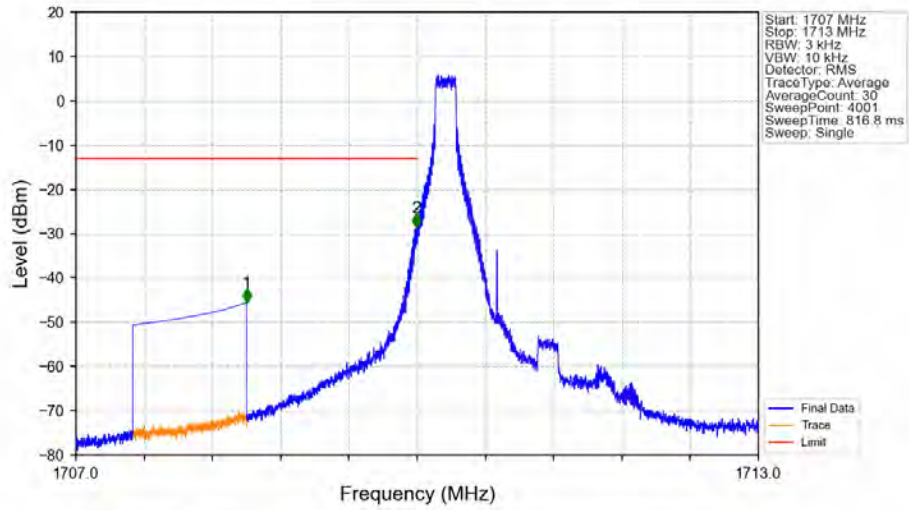
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.007   | -27.51      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -41.65      | -13         | Pass   |

Band66 1.4MHz 16QAM 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       | 0.014     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.014     | CHP    | 1          | 1780.002   | -28.17      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -29.10      | -13         | Pass   |

Band66 1.4MHz 64QAM 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   | -45.55      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.995   | -28.65      | -13         | Pass   |
| 1710        | 1713       | 0.003     | /      | /          | /          | /           | /           | /      |

Band66 1.4MHz 64QAM LCH 1710.7MHz RB 1 0 NTNV

