

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

### 1.1 Test Result

#### 1.1.1 B41\_5MHz\_EIRP

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2557.5          | 1             | 0      | 23.81                 | 1.30       | 25.11      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.76                 | 1.30       | 25.06      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.86                 | 1.30       | 25.16      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.82                 | 1.30       | 24.12      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.78                 | 1.30       | 24.08      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.93                 | 1.30       | 24.23      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.80                 | 1.30       | 24.10      | <=33.01 | Pass    |
|                                   | 2605            | 1             | 0      | 23.74                 | 1.30       | 25.04      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.60                 | 1.30       | 24.90      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.63                 | 1.30       | 24.93      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.63                 | 1.30       | 23.93      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.62                 | 1.30       | 23.92      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.60                 | 1.30       | 23.90      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.63                 | 1.30       | 23.93      | <=33.01 | Pass    |
|                                   | 2652.5          | 1             | 0      | 23.69                 | 1.30       | 24.99      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.54                 | 1.30       | 24.84      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.65                 | 1.30       | 24.95      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.68                 | 1.30       | 23.98      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.56                 | 1.30       | 23.86      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.60                 | 1.30       | 23.90      | <=33.01 | Pass    |
| 16QAM                             | 2557.5          | 1             | 0      | 23.59                 | 1.30       | 24.89      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.61                 | 1.30       | 24.91      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.85                 | 1.30       | 25.15      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.73                 | 1.30       | 23.03      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.91                 | 1.30       | 23.21      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.93                 | 1.30       | 23.23      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.87                 | 1.30       | 23.17      | <=33.01 | Pass    |
|                                   | 2605            | 1             | 0      | 22.57                 | 1.30       | 23.87      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.59                 | 1.30       | 23.89      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.68                 | 1.30       | 23.98      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.58                 | 1.30       | 22.88      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.51                 | 1.30       | 22.81      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.55                 | 1.30       | 22.85      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.78                 | 1.30       | 23.08      | <=33.01 | Pass    |
|                                   | 2652.5          | 1             | 0      | 22.59                 | 1.30       | 23.89      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.22                 | 1.30       | 23.52      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.59                 | 1.30       | 23.89      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.36                 | 1.30       | 22.66      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.44                 | 1.30       | 22.74      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.51                 | 1.30       | 22.81      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.56                 | 1.30       | 22.86      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B41\_10MHz\_EIRP

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2560            | 1             | 0      | 23.90                 | 1.30       | 25.20      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.84                 | 1.30       | 25.14      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.89                 | 1.30       | 25.19      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.76                 | 1.30       | 24.06      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.78                 | 1.30       | 24.08      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.70                 | 1.30       | 24.00      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.90                 | 1.30       | 24.20      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 23.69                 | 1.30       | 24.99      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.55                 | 1.30       | 24.85      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 49     | 23.60                 | 1.30       | 24.90      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.66                 | 1.30       | 23.96      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.70                 | 1.30       | 24.00      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 22.68                 | 1.30       | 23.98      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.72                 | 1.30       | 24.02      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 23.66                 | 1.30       | 24.96      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 23.72                 | 1.30       | 25.02      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.72                 | 1.30       | 25.02      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.73                 | 1.30       | 24.03      | <=33.01 | Pass    |
|                                    | 2650            | 25            | 13     | 22.53                 | 1.30       | 23.83      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.54                 | 1.30       | 23.84      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.44                 | 1.30       | 23.74      | <=33.01 | Pass    |
| 16QAM                              | 2560            | 1             | 0      | 22.96                 | 1.30       | 24.26      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.84                 | 1.30       | 24.14      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 21.89                 | 1.30       | 23.19      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.84                 | 1.30       | 23.14      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.76                 | 1.30       | 23.06      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.76                 | 1.30       | 23.06      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.48                 | 1.30       | 23.78      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.41                 | 1.30       | 23.71      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 49     | 22.95                 | 1.30       | 24.25      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.95                 | 1.30       | 23.25      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.93                 | 1.30       | 23.23      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 21.99                 | 1.30       | 23.29      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.55                 | 1.30       | 22.85      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 23.42                 | 1.30       | 24.72      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 23.32                 | 1.30       | 24.62      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.44                 | 1.30       | 24.74      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.68                 | 1.30       | 22.98      | <=33.01 | Pass    |
|                                    | 2650            | 25            | 13     | 21.65                 | 1.30       | 22.95      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.62                 | 1.30       | 22.92      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.64                 | 1.30       | 22.94      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain



### 1.1.3 B41\_15MHz\_EIRP

| Band: 41 / Bandwidth: 15MHz / NTNV       |                 |               |        |                       |            |            |         |         |         |      |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |         |      |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |         |      |
| QPSK                                     | 2562.5          | 1             | 0      | 23.92                 | 1.30       | 25.22      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 38     | 23.79                 | 1.30       | 25.09      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 74     | 23.79                 | 1.30       | 25.09      | <=33.01 | Pass    |         |      |
|                                          |                 | 36            | 0      | 22.80                 | 1.30       | 24.10      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 18     | 22.83                 | 1.30       | 24.13      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 39     | 22.78                 | 1.30       | 24.08      | <=33.01 | Pass    |         |      |
|                                          |                 | 75            | 0      | 22.73                 | 1.30       | 24.03      | <=33.01 | Pass    |         |      |
|                                          |                 | 2605          | 1      | 0                     | 23.48      | 1.30       | 24.78   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 38                    | 23.53      | 1.30       | 24.83   | <=33.01 | Pass    |      |
|                                          | 74              |               |        | 23.69                 | 1.30       | 24.99      | <=33.01 | Pass    |         |      |
|                                          | 36              |               | 0      | 22.64                 | 1.30       | 23.94      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 18     | 22.57                 | 1.30       | 23.87      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 39     | 22.70                 | 1.30       | 24.00      | <=33.01 | Pass    |         |      |
|                                          | 75              |               | 0      | 22.64                 | 1.30       | 23.94      | <=33.01 | Pass    |         |      |
|                                          | 2647.5          |               | 1      | 0                     | 23.75      | 1.30       | 25.05   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 38                    | 23.60      | 1.30       | 24.90   | <=33.01 | Pass    |      |
|                                          |                 | 74            |        | 23.60                 | 1.30       | 24.90      | <=33.01 | Pass    |         |      |
|                                          |                 | 36            | 0      | 22.74                 | 1.30       | 24.04      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 18     | 22.66                 | 1.30       | 23.96      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 39     | 22.52                 | 1.30       | 23.82      | <=33.01 | Pass    |         |      |
|                                          |                 | 75            | 0      | 22.68                 | 1.30       | 23.98      | <=33.01 | Pass    |         |      |
|                                          |                 | 16QAM         | 2562.5 | 1                     | 0          | 22.84      | 1.30    | 24.14   | <=33.01 | Pass |
|                                          |                 |               |        |                       | 38         | 22.54      | 1.30    | 23.84   | <=33.01 | Pass |
|                                          | 74              |               |        |                       | 22.62      | 1.30       | 23.92   | <=33.01 | Pass    |      |
| 36                                       | 0               |               |        | 21.80                 | 1.30       | 23.10      | <=33.01 | Pass    |         |      |
|                                          | 18              |               |        | 21.77                 | 1.30       | 23.07      | <=33.01 | Pass    |         |      |
|                                          | 39              |               |        | 21.76                 | 1.30       | 23.06      | <=33.01 | Pass    |         |      |
| 75                                       | 0               |               |        | 21.80                 | 1.30       | 23.10      | <=33.01 | Pass    |         |      |
| 2605                                     | 1               |               |        | 0                     | 22.39      | 1.30       | 23.69   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 38                    | 22.63      | 1.30       | 23.93   | <=33.01 | Pass    |      |
|                                          |                 |               | 74     | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |         |      |
|                                          | 36              |               | 0      | 21.58                 | 1.30       | 22.88      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 18     | 21.69                 | 1.30       | 22.99      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 39     | 21.66                 | 1.30       | 22.96      | <=33.01 | Pass    |         |      |
|                                          | 75              |               | 0      | 21.58                 | 1.30       | 22.88      | <=33.01 | Pass    |         |      |
|                                          | 2647.5          |               | 1      | 0                     | 23.30      | 1.30       | 24.60   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 38                    | 23.30      | 1.30       | 24.60   | <=33.01 | Pass    |      |
| 74                                       |                 |               |        | 23.22                 | 1.30       | 24.52      | <=33.01 | Pass    |         |      |
| 36                                       |                 |               | 0      | 21.67                 | 1.30       | 22.97      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 18     | 21.58                 | 1.30       | 22.88      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 39     | 21.60                 | 1.30       | 22.90      | <=33.01 | Pass    |         |      |
| 75                                       |                 |               | 0      | 21.67                 | 1.30       | 22.97      | <=33.01 | Pass    |         |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |         |      |

### 1.1.4 B41\_20MHz\_EIRP

| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2565            | 1             | 0      | 23.88                 | 1.30       | 25.18      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.76                 | 1.30       | 25.06      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.67                 | 1.30       | 24.97      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.70                 | 1.30       | 24.00      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.86                 | 1.30       | 24.16      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.73                 | 1.30       | 24.03      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.79                 | 1.30       | 24.09      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 0      | 23.67                 | 1.30       | 24.97      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.75                 | 1.30       | 25.05      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.67                 | 1.30       | 24.97      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.64                 | 1.30       | 23.94      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.74                 | 1.30       | 24.04      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |
|                                    | 2645            | 1             | 0      | 23.58                 | 1.30       | 24.88      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.63                 | 1.30       | 24.93      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.60                 | 1.30       | 24.90      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.60                 | 1.30       | 23.90      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.66                 | 1.30       | 23.96      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.62                 | 1.30       | 23.92      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.65                 | 1.30       | 23.95      | <=33.01 | Pass    |
| 16QAM                              | 2565            | 1             | 0      | 23.38                 | 1.30       | 24.68      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.49                 | 1.30       | 24.79      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.50                 | 1.30       | 24.80      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.84                 | 1.30       | 23.14      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.82                 | 1.30       | 23.12      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.84                 | 1.30       | 23.14      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.69                 | 1.30       | 22.99      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 0      | 23.30                 | 1.30       | 24.60      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.92                 | 1.30       | 24.22      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.43                 | 1.30       | 24.73      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.86                 | 1.30       | 23.16      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.66                 | 1.30       | 22.96      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.66                 | 1.30       | 22.96      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.66                 | 1.30       | 22.96      | <=33.01 | Pass    |
|                                    | 2645            | 1             | 0      | 22.25                 | 1.30       | 23.55      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.47                 | 1.30       | 23.77      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.44                 | 1.30       | 23.74      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.72                 | 1.30       | 23.02      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.72                 | 1.30       | 23.02      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.53                 | 1.30       | 22.83      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.62                 | 1.30       | 22.92      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2557.5          | 25            | 0      | 20         | 3.06          | -42.372          | -0.0166               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | -43.345          | -0.0169               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | -18.654          | -0.0073               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | -39.883          | -0.0156               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | -16.565          | -0.0065               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | -34.704          | -0.0136               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.60          | -12.832          | -0.0050               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.60          | -17.896          | -0.0070               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.60          | -15.664          | -0.0061               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.60          | -18.411          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.60          | -14.763          | -0.0058               | -2.5 to 2.5 | Pass    |
|                            | 2605            | 25            | 0      | 20         | 3.06          | 7.982            | 0.0031                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | -40.040          | -0.0154               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | -54.917          | -0.0211               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | -19.627          | -0.0075               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | -11.945          | -0.0046               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | -53.716          | -0.0206               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.60          | -50.426          | -0.0194               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.60          | -13.847          | -0.0053               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.60          | -23.704          | -0.0091               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.60          | -35.248          | -0.0135               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.60          | -52.114          | -0.0200               | -2.5 to 2.5 | Pass    |
|                            | 2652.5          | 25            | 0      | 20         | 3.06          | 21.758           | 0.0082                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | 1.087            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | -49.825          | -0.0188               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | -23.961          | -0.0090               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | -44.932          | -0.0169               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | -23.932          | -0.0090               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.60          | -33.875          | -0.0128               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.60          | -37.622          | -0.0142               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.60          | -37.780          | -0.0142               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.60          | -43.159          | -0.0163               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 2557.5          | 25            | 0      | 20         | 3.06          | 7.138            | 0.0028                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | -8.683           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | 39.568           | 0.0155                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | 15.979           | 0.0062                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | 38.438           | 0.0150                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | 38.824           | 0.0152                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.60          | 14.477           | 0.0057                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.60          | 36.063           | 0.0141                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.60          | -0.229           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.60          | 15.678           | 0.0061                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.60          | 27.895           | 0.0109                | -2.5 to 2.5 | Pass    |
|                            | 2605            | 25            | 0      | 20         | 3.06          | -45.776          | -0.0176               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | 7.267            | 0.0028                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | 28.224           | 0.0108                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | 16.723           | 0.0064                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | 40.784           | 0.0157                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | 21.172           | 0.0081                | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | 0   | 3.60 | 35.777  | 0.0137  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.60 | 14.791  | 0.0057  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.60 | 3.276   | 0.0013  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.60 | 8.240   | 0.0032  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.60 | 31.557  | 0.0121  | -2.5 to 2.5 | Pass |
|  | 2652.5 | 25 | 0 | 20  | 3.06 | -43.759 | -0.0165 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.60 | 3.719   | 0.0014  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.14 | 40.984  | 0.0155  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.60 | 43.488  | 0.0164  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.60 | 6.552   | 0.0025  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.60 | 30.899  | 0.0116  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.60 | 42.501  | 0.0160  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.60 | -7.582  | -0.0029 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.60 | 12.360  | 0.0047  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.60 | 21.930  | 0.0083  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.60 | 38.095  | 0.0144  | -2.5 to 2.5 | Pass |

## 2.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2560            | 50            | 0      | 20         | 3.06          | 3.505            | 0.0014                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -33.560          | -0.0131               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -44.618          | -0.0174               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -28.253          | -0.0110               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -15.092          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -33.503          | -0.0131               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -42.944          | -0.0168               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -41.327          | -0.0161               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -38.195          | -0.0149               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -48.523          | -0.0190               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 50            | 0      | 20         | 3.06          | -5.722           | -0.0022               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -47.622          | -0.0183               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -34.461          | -0.0132               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -9.012           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -45.590          | -0.0175               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -40.283          | -0.0155               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -25.206          | -0.0097               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -46.420          | -0.0178               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -6.881           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -19.226          | -0.0074               | -2.5 to 2.5 | Pass    |
|                             | 2650            | 50            | 0      | 20         | 3.06          | 17.939           | 0.0068                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -54.374          | -0.0205               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -43.273          | -0.0163               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | 7.639            | 0.0029                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -7.982           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -9.227           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -15.435          | -0.0058               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -24.662          | -0.0093               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -32.730          | -0.0124               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -35.892          | -0.0135               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 2560            | 50            | 0      | 20         | 3.06          | -10.757          | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -4.921           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | 42.300           | 0.0165                | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |         |         |             |      |
|--|------|----|---|-----|------|---------|---------|-------------|------|
|  |      |    |   | -30 | 3.60 | 18.725  | 0.0073  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.60 | 20.442  | 0.0080  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.60 | 33.803  | 0.0132  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.60 | -12.417 | -0.0049 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.60 | 6.995   | 0.0027  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.60 | 13.604  | 0.0053  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.60 | 29.039  | 0.0113  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.60 | -9.298  | -0.0036 | -2.5 to 2.5 | Pass |
|  | 2605 | 50 | 0 | 20  | 3.06 | -9.084  | -0.0035 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.60 | 13.604  | 0.0052  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.14 | 16.451  | 0.0063  | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.60 | 16.537  | 0.0063  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.60 | 38.753  | 0.0149  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.60 | -3.347  | -0.0013 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.60 | 15.392  | 0.0059  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.60 | 22.259  | 0.0085  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.60 | 15.535  | 0.0060  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.60 | 33.846  | 0.0130  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.60 | 17.710  | 0.0068  | -2.5 to 2.5 | Pass |
|  | 2650 | 50 | 0 | 20  | 3.06 | -15.078 | -0.0057 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.60 | -6.566  | -0.0025 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.14 | 27.280  | 0.0103  | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.60 | 17.052  | 0.0064  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.60 | 27.308  | 0.0103  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.60 | 28.381  | 0.0107  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.60 | 42.372  | 0.0160  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.60 | -7.482  | -0.0028 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.60 | 3.591   | 0.0014  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.60 | -2.346  | -0.0009 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.60 | -0.973  | -0.0004 | -2.5 to 2.5 | Pass |

### 2.1.3 B41\_15MHz

| Band: 41 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2562.5          | 75            | 0      | 20         | 3.06          | -28.081          | -0.0110               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -32.187          | -0.0126               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -34.819          | -0.0136               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -24.691          | -0.0096               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -45.476          | -0.0177               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -23.775          | -0.0093               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -41.628          | -0.0162               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -54.216          | -0.0212               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -24.676          | -0.0096               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -28.925          | -0.0113               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.60          | -27.866          | -0.0109               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 75            | 0      | 20         | 3.06          | -44.518          | -0.0171               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -50.755          | -0.0195               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -14.935          | -0.0057               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -21.615          | -0.0083               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -47.178          | -0.0181               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -47.107          | -0.0181               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -35.963          | -0.0138               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -8.283           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -29.955          | -0.0115               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -47.092          | -0.0181               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.60          | -19.355          | -0.0074               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       | 2647.5 | 75 | 0 | 20  | 3.06 | 9.842   | 0.0037  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.60 | -4.864  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.14 | -37.193 | -0.0140 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.60 | 2.975   | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.60 | -18.668 | -0.0071 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.60 | -29.283 | -0.0111 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.60 | -32.129 | -0.0121 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.60 | -33.202 | -0.0125 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.60 | -38.452 | -0.0145 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.60 | -34.876 | -0.0132 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.60 | -28.725 | -0.0108 | -2.5 to 2.5 | Pass |
| 16QAM | 2562.5 | 75 | 0 | 20  | 3.06 | 26.093  | 0.0102  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.60 | 4.592   | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.14 | 16.208  | 0.0063  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.60 | 12.932  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.60 | 22.931  | 0.0089  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.60 | 0.472   | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.60 | 15.135  | 0.0059  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.60 | 24.076  | 0.0094  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.60 | 33.345  | 0.0130  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.60 | 12.560  | 0.0049  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.60 | 19.140  | 0.0075  | -2.5 to 2.5 | Pass |
|       | 2605   | 75 | 0 | 20  | 3.06 | 9.928   | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.60 | 17.667  | 0.0068  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.14 | 28.138  | 0.0108  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.60 | 8.812   | 0.0034  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.60 | 22.430  | 0.0086  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.60 | 38.266  | 0.0147  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.60 | 36.364  | 0.0140  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.60 | 2.103   | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.60 | 7.510   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.60 | 14.119  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.60 | 20.428  | 0.0078  | -2.5 to 2.5 | Pass |
|       | 2647.5 | 75 | 0 | 20  | 3.06 | 13.132  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.60 | 32.845  | 0.0124  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.14 | 19.240  | 0.0073  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.60 | 33.274  | 0.0126  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.60 | 28.939  | 0.0109  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.60 | 26.636  | 0.0101  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.60 | -2.332  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.60 | 8.054   | 0.0030  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.60 | 13.461  | 0.0051  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.60 | 25.735  | 0.0097  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.60 | 34.561  | 0.0131  | -2.5 to 2.5 | Pass |

## 2.1.4 B41\_20MHz

| Band: 41 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2565            | 100           | 0      | 20         | 3.06          | -45.805          | -0.0179               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -44.861          | -0.0175               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -32.601          | -0.0127               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -21.114          | -0.0082               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -44.546          | -0.0174               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -36.235          | -0.0141               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | 2.947            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -1.087           | -0.0004               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   | 30  | 3.60 | -5.608  | -0.0022 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | -20.828 | -0.0081 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | -30.699 | -0.0120 | -2.5 to 2.5 | Pass |
|       | 2605 | 100 | 0 | 20  | 3.06 | -35.276 | -0.0135 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.60 | -26.865 | -0.0103 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.14 | -43.030 | -0.0165 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.60 | -46.406 | -0.0178 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.60 | -48.766 | -0.0187 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.60 | -31.700 | -0.0122 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.60 | -25.249 | -0.0097 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.60 | -19.698 | -0.0076 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.60 | -10.400 | -0.0040 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | -24.648 | -0.0095 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | -30.456 | -0.0117 | -2.5 to 2.5 | Pass |
|       | 2645 | 100 | 0 | 20  | 3.06 | -2.561  | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.60 | -29.883 | -0.0113 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.14 | -27.008 | -0.0102 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.60 | -40.340 | -0.0153 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.60 | -11.358 | -0.0043 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.60 | 3.862   | 0.0015  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.60 | -5.207  | -0.0020 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.60 | -14.820 | -0.0056 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.60 | -23.632 | -0.0089 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | -21.586 | -0.0082 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | -25.735 | -0.0097 | -2.5 to 2.5 | Pass |
| 16QAM | 2565 | 100 | 0 | 20  | 3.06 | 29.426  | 0.0115  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.60 | 25.463  | 0.0099  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.14 | 9.069   | 0.0035  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.60 | 33.474  | 0.0131  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.60 | 2.346   | 0.0009  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.60 | 19.813  | 0.0077  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.60 | 25.048  | 0.0098  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.60 | 28.052  | 0.0109  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.60 | -9.584  | -0.0037 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | -0.844  | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | 6.466   | 0.0025  | -2.5 to 2.5 | Pass |
|       | 2605 | 100 | 0 | 20  | 3.06 | 15.807  | 0.0061  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.60 | 26.464  | 0.0102  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.14 | 14.806  | 0.0057  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.60 | 38.896  | 0.0149  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.60 | 29.140  | 0.0112  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.60 | 18.325  | 0.0070  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.60 | 28.625  | 0.0110  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.60 | 33.302  | 0.0128  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.60 | 25.220  | 0.0097  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | 29.469  | 0.0113  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | 39.811  | 0.0153  | -2.5 to 2.5 | Pass |
|       | 2645 | 100 | 0 | 20  | 3.06 | 24.519  | 0.0093  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.60 | 34.962  | 0.0132  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.14 | 34.719  | 0.0131  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.60 | 21.458  | 0.0081  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.60 | 1.359   | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.60 | 23.475  | 0.0089  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.60 | 36.678  | 0.0139  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.60 | 38.924  | 0.0147  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.60 | -4.020  | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.60 | -3.204  | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.60 | 6.466   | 0.0024  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 2605            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 2605            | 25            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 2605            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 2605            | 50            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.3 B41\_15MHz

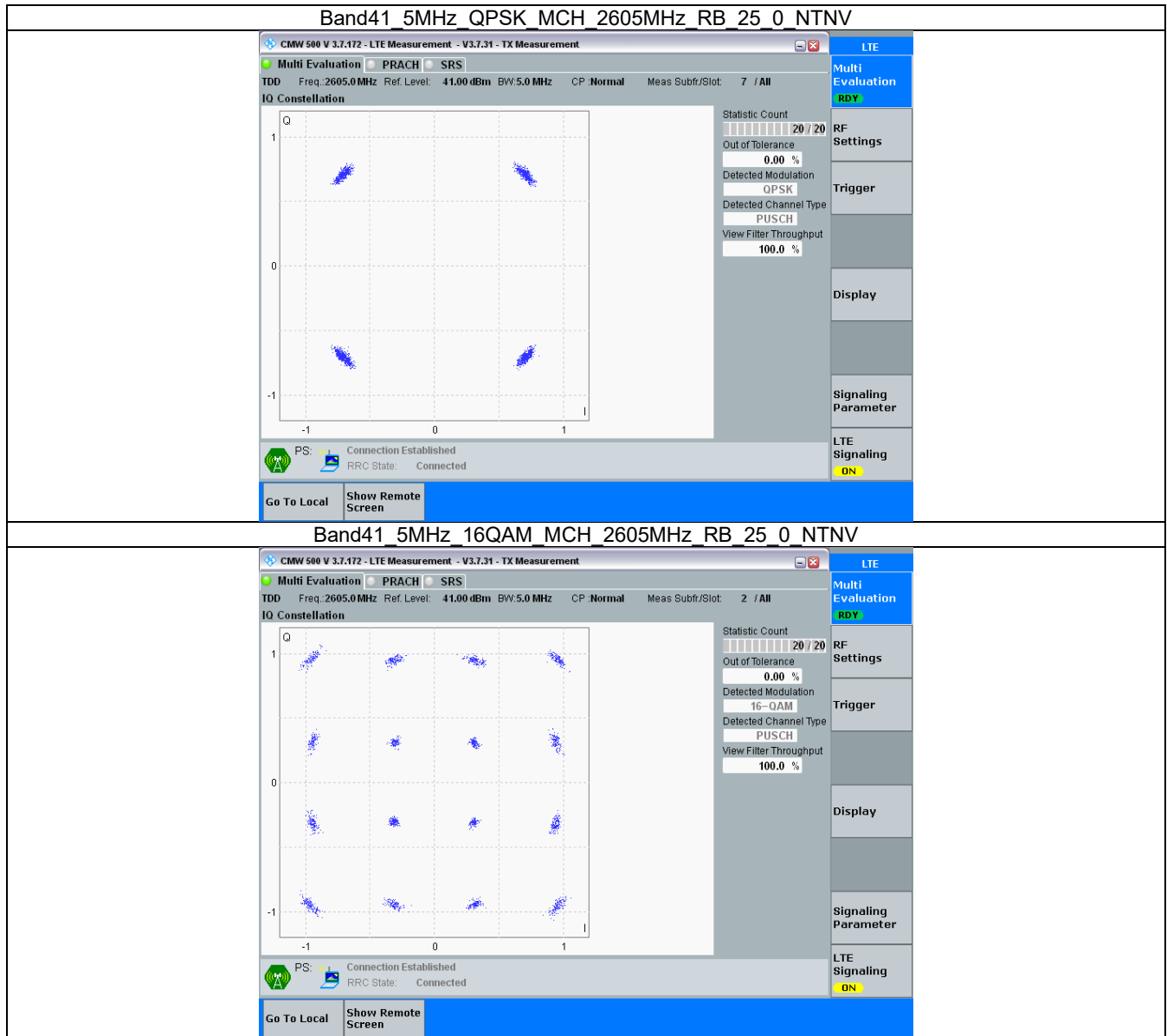
| Band: 41 / Bandwidth: 15MHz / NTVN |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 2605            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 2605            | 75            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.4 B41\_20MHz

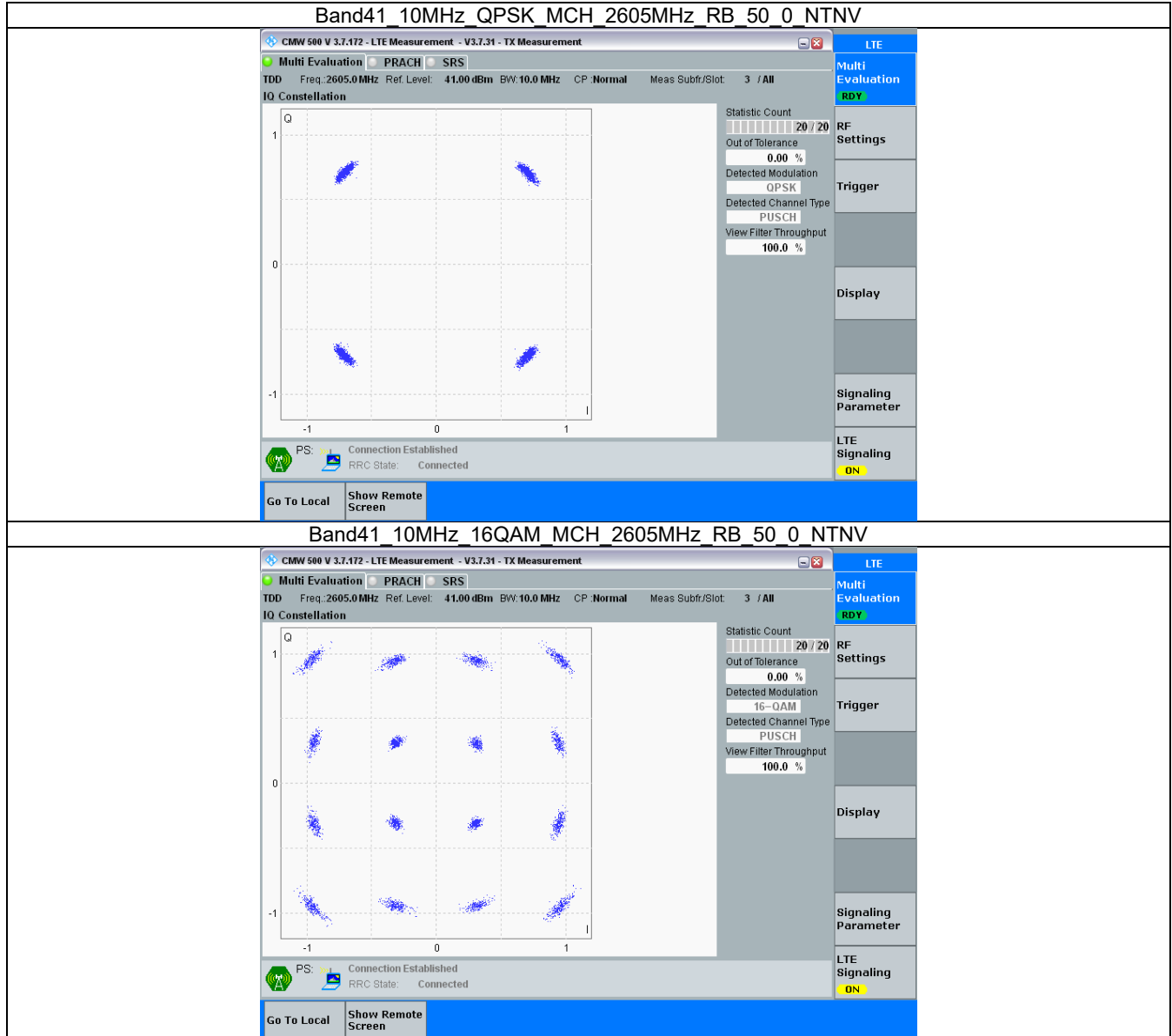
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 2605            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 2605            | 100           | 0      | Refer To Test Graph        |       | Pass    |

## 3.2 Test Graph

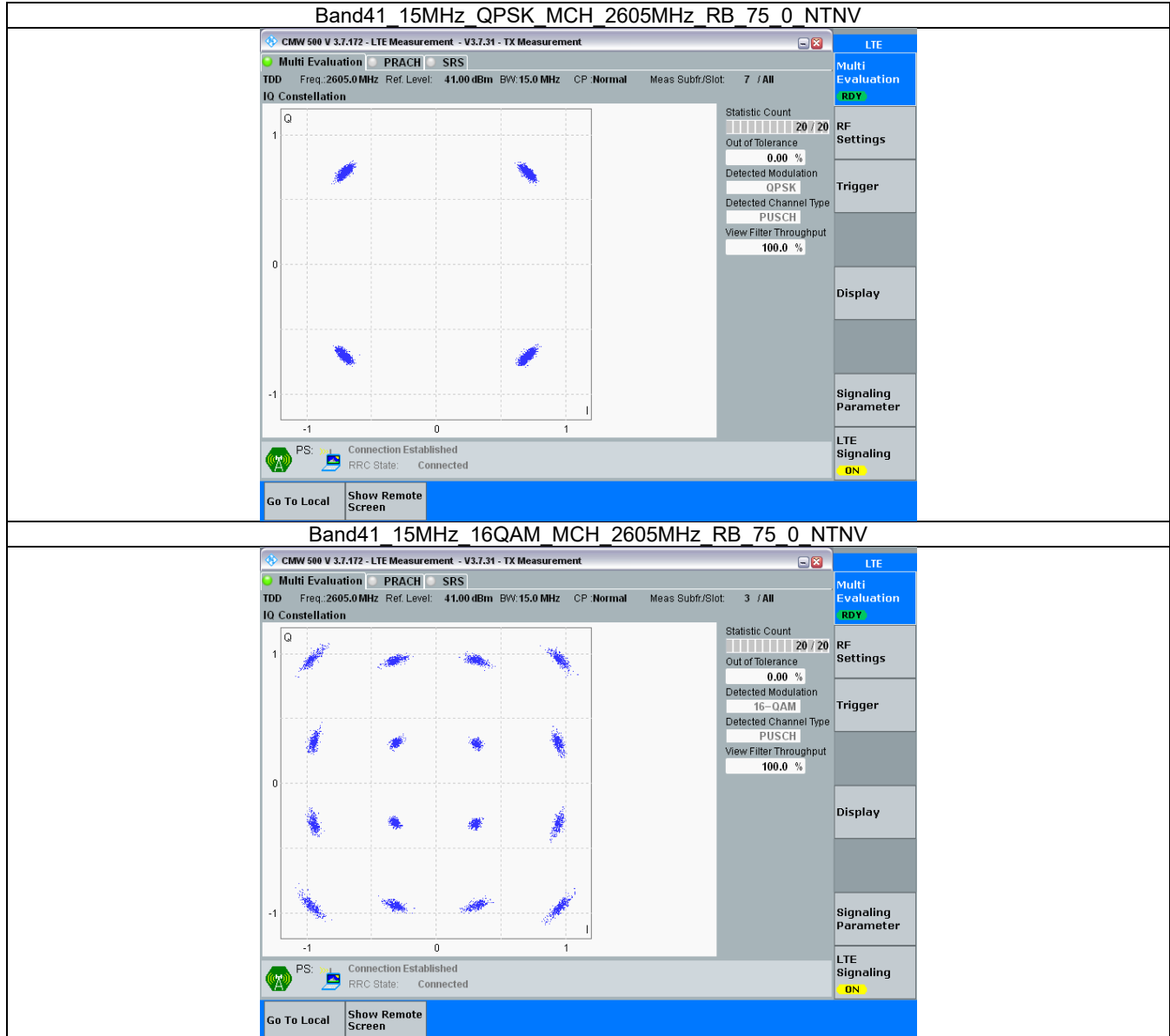
### 3.2.1 B41\_5MHz



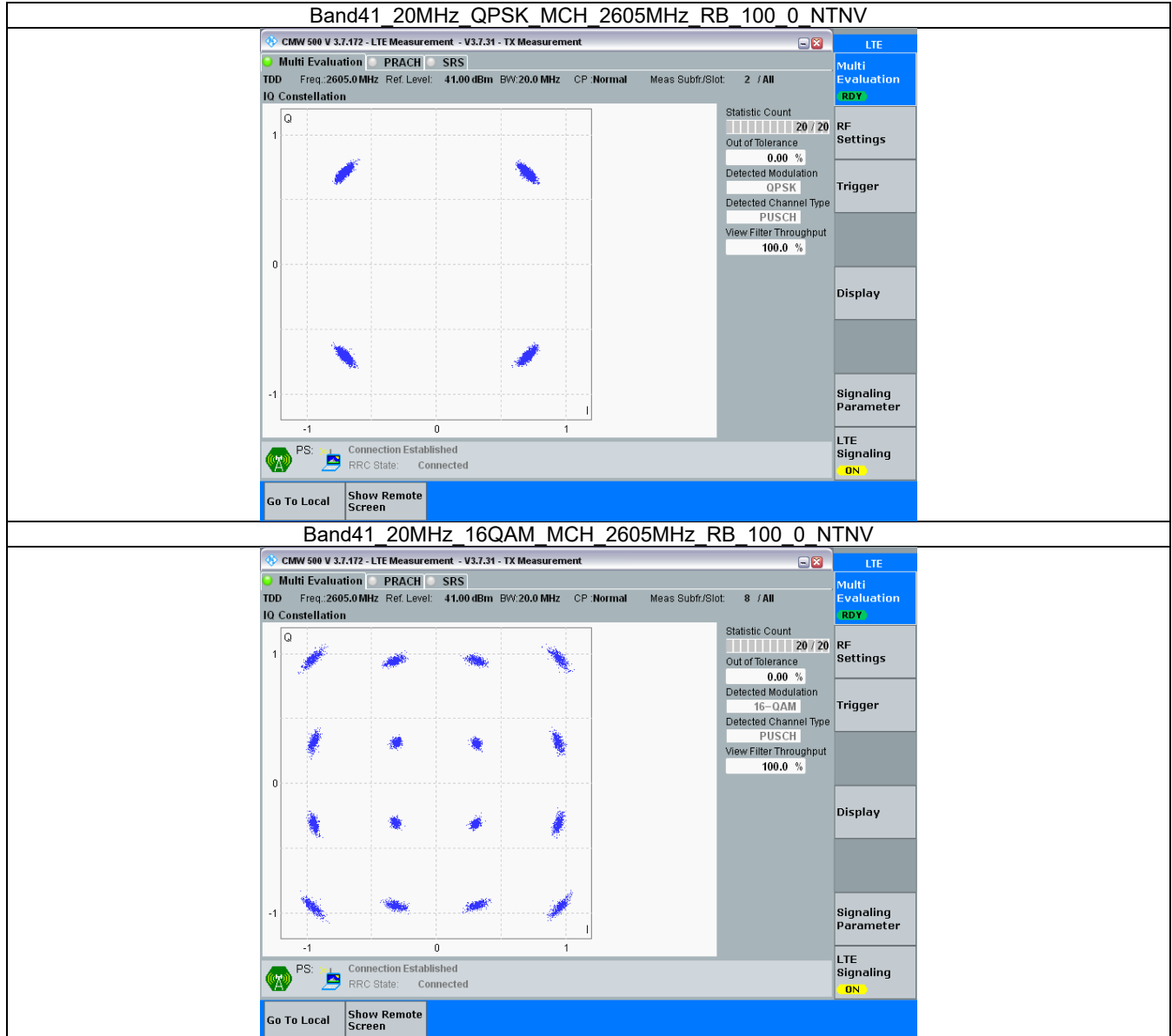
### 3.2.2 B41\_10MHz



### 3.2.3 B41\_15MHz



### 3.2.4 B41\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band41\_OBW

| Band: 41 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2557.5          | 25            | 0      | 4.551                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.546                        | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 4.558                        | /     | Pass    |
|                 | 16QAM      | 2557.5          | 25            | 0      | 4.545                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.574                        | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 4.545                        | /     | Pass    |
| 10              | QPSK       | 2560            | 50            | 0      | 9.081                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.081                        | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 9.084                        | /     | Pass    |
|                 | 16QAM      | 2560            | 50            | 0      | 9.087                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.090                        | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 9.057                        | /     | Pass    |
| 15              | QPSK       | 2562.5          | 75            | 0      | 13.536                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.603                       | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 13.599                       | /     | Pass    |
|                 | 16QAM      | 2562.5          | 75            | 0      | 13.652                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.599                       | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 13.656                       | /     | Pass    |
| 20              | QPSK       | 2565            | 100           | 0      | 18.174                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.159                       | /     | Pass    |
|                 |            | 2645            | 100           | 0      | 18.121                       | /     | Pass    |
|                 | 16QAM      | 2565            | 100           | 0      | 18.137                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.187                       | /     | Pass    |
|                 |            | 2645            | 100           | 0      | 18.147                       | /     | Pass    |

#### 4.1.2 Band41\_XDB

| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2557.5          | 25            | 0      | 5.296                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 5.163                | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.094                | /     | Pass    |
|                 | 16QAM      | 2557.5          | 25            | 0      | 5.242                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 5.159                | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.141                | /     | Pass    |
| 10              | QPSK       | 2560            | 50            | 0      | 10.034               | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 10.431               | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 10.043               | /     | Pass    |
|                 | 16QAM      | 2560            | 50            | 0      | 10.074               | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 10.689               | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 10.012               | /     | Pass    |
| 15              | QPSK       | 2562.5          | 75            | 0      | 14.706               | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 15.562               | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 16.131               | /     | Pass    |



250515148FW6

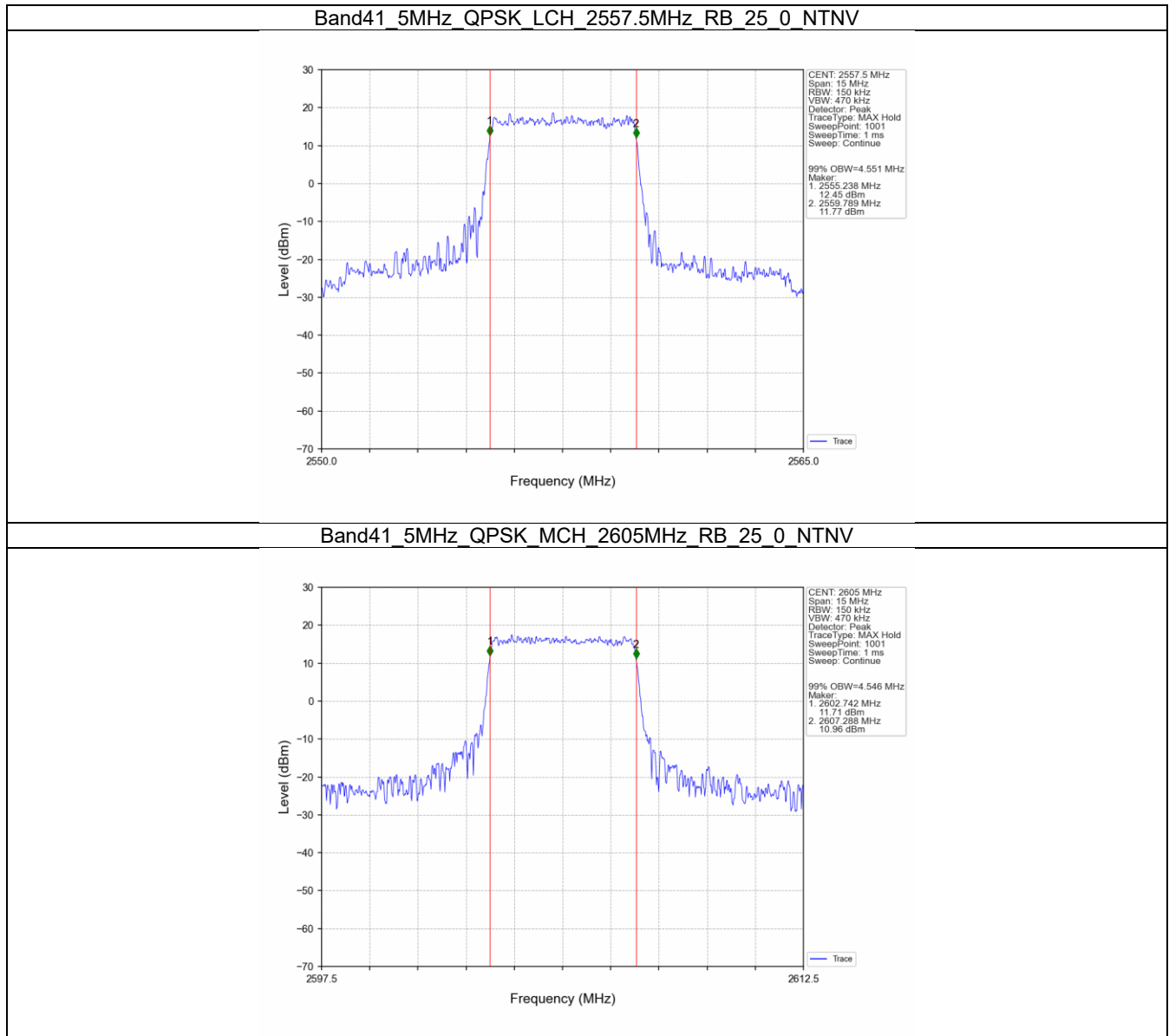
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 2562.5 | 75  | 0 | 15.907 | / | Pass |
|    |       | 2605   | 75  | 0 | 14.735 | / | Pass |
|    |       | 2647.5 | 75  | 0 | 15.160 | / | Pass |
| 20 | QPSK  | 2565   | 100 | 0 | 20.329 | / | Pass |
|    |       | 2605   | 100 | 0 | 20.372 | / | Pass |
|    |       | 2645   | 100 | 0 | 21.457 | / | Pass |
|    | 16QAM | 2565   | 100 | 0 | 21.676 | / | Pass |
|    |       | 2605   | 100 | 0 | 20.027 | / | Pass |
|    |       | 2645   | 100 | 0 | 21.362 | / | Pass |



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## 4.2 Test Graph

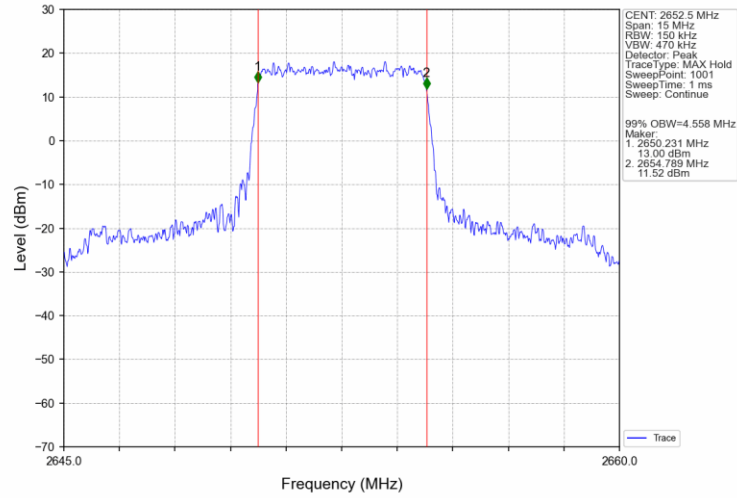
### 4.2.1 Band41\_OBW



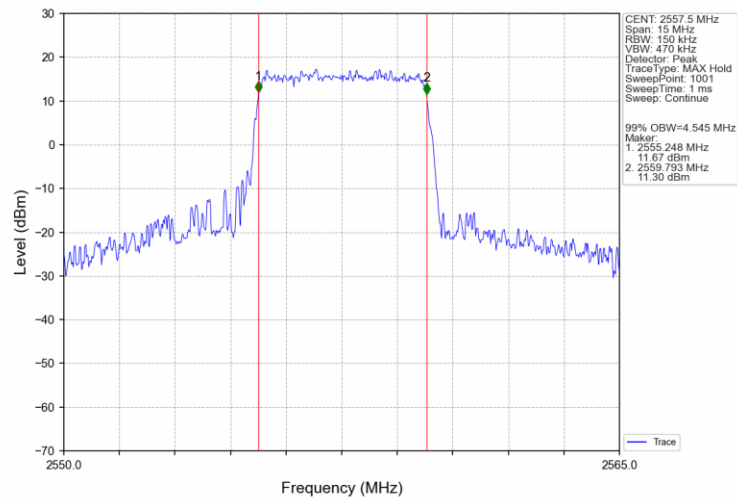


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Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



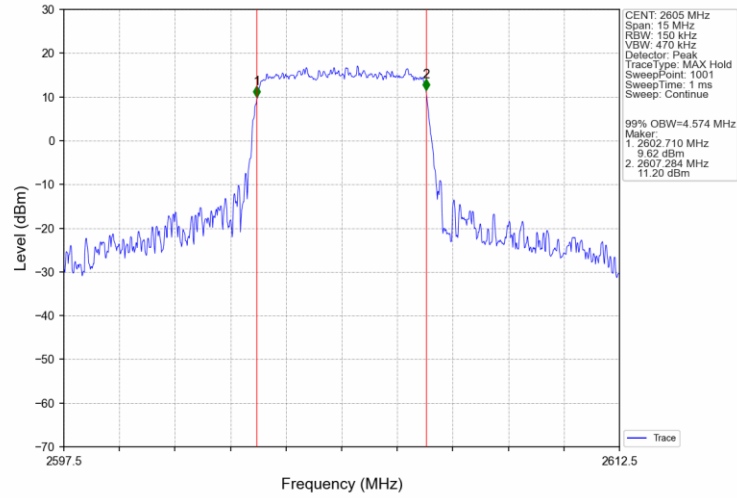
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



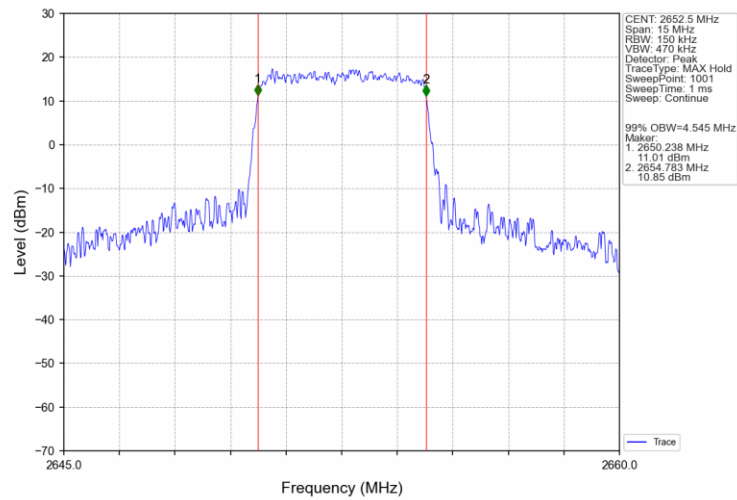


250515148FW6

Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



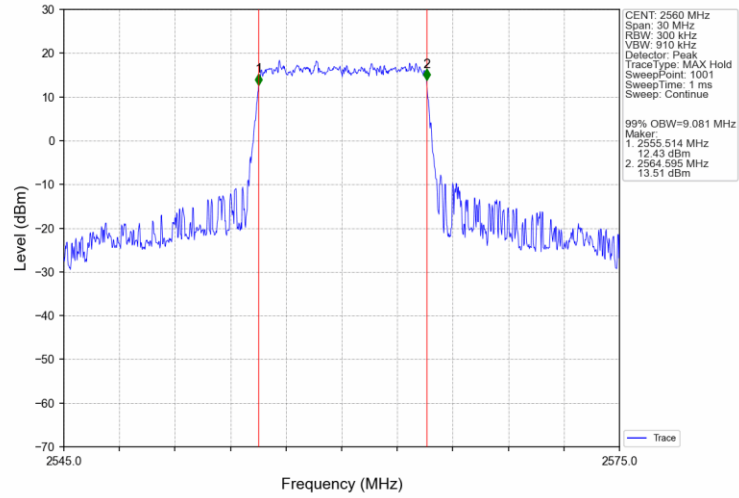
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



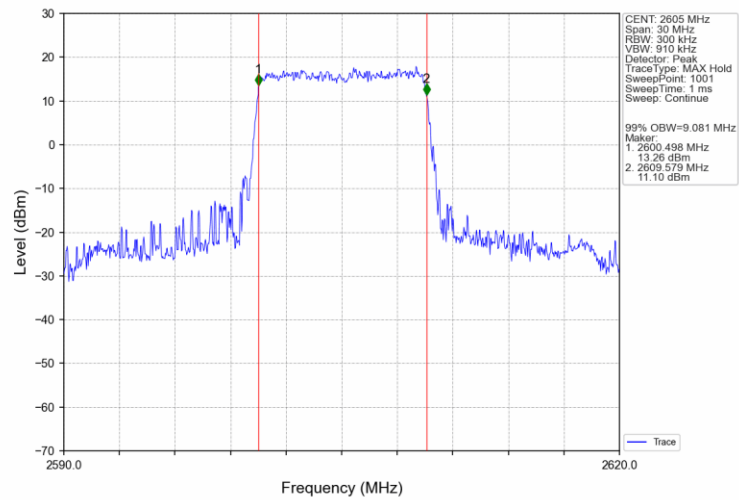


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Band41\_10MHz\_QPSK\_LCH\_2560MHz\_RB\_50\_0\_NTNV



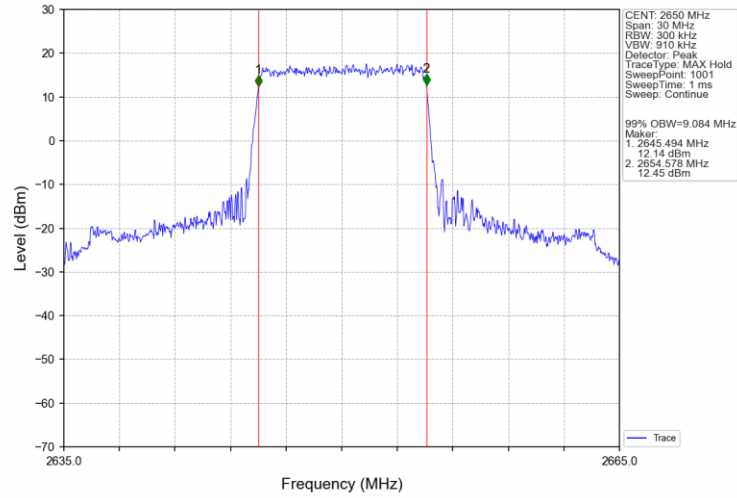
Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



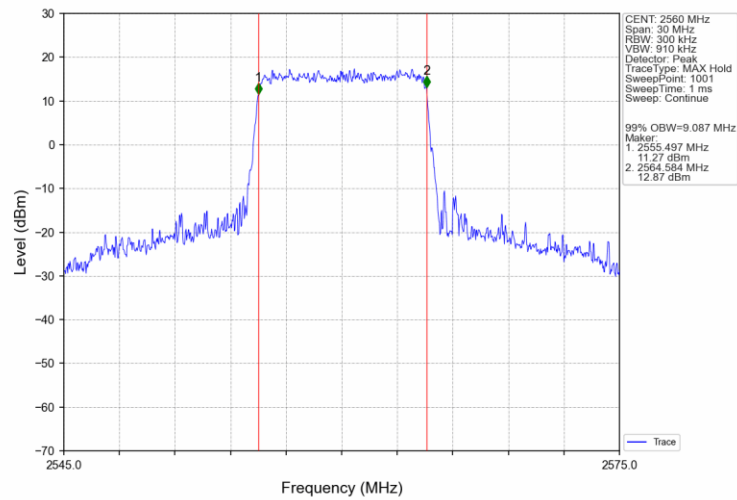


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Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



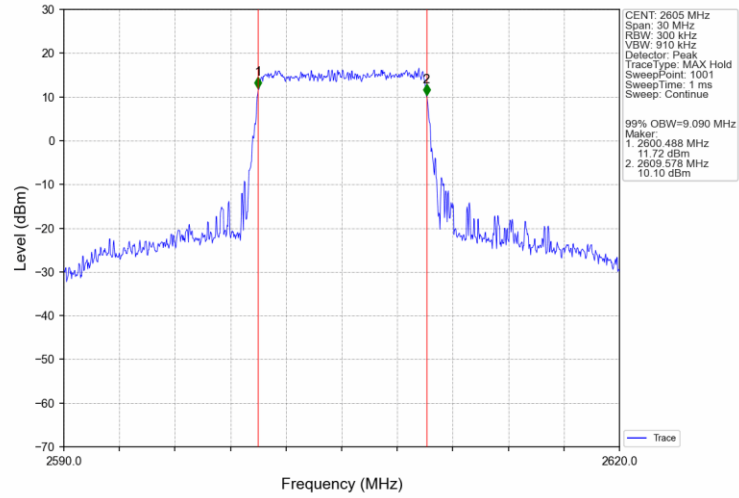
Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



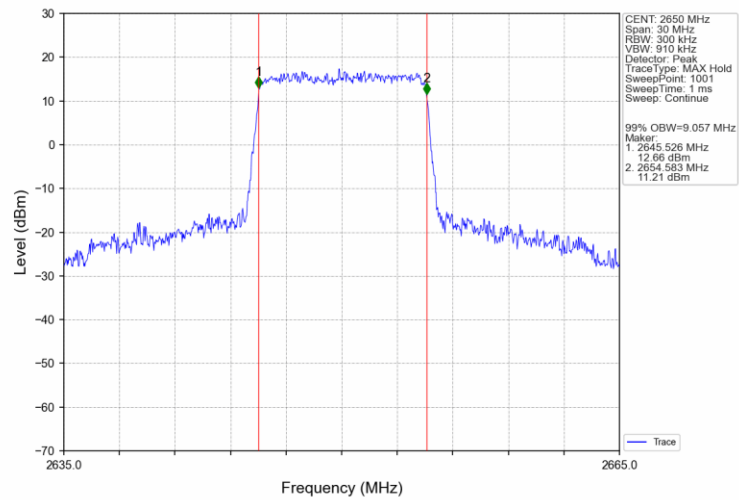


250515148FW6

Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



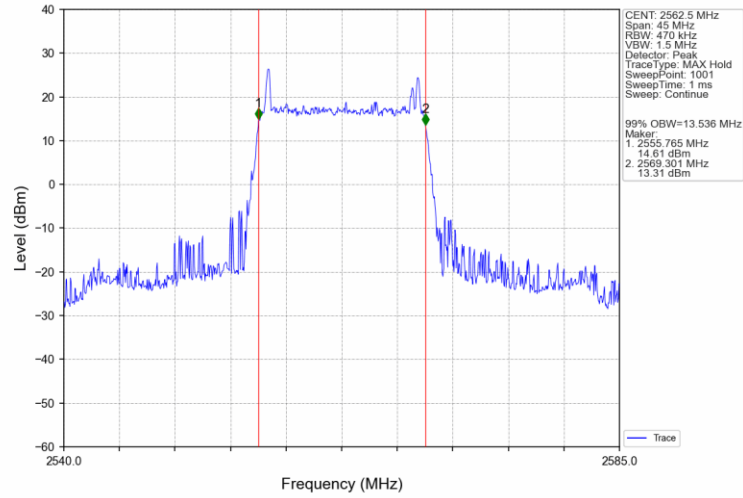
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



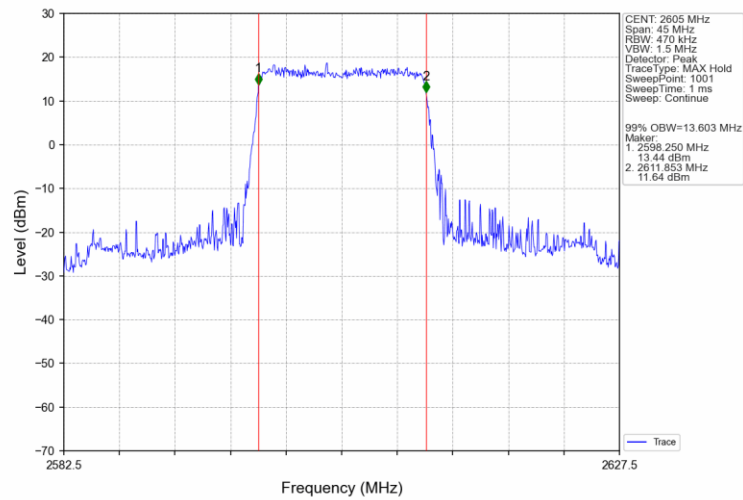


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Band41\_15MHz\_QPSK\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



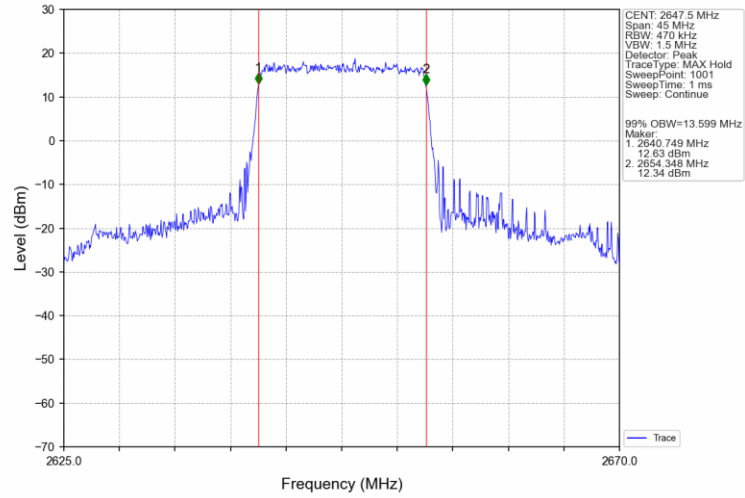
Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



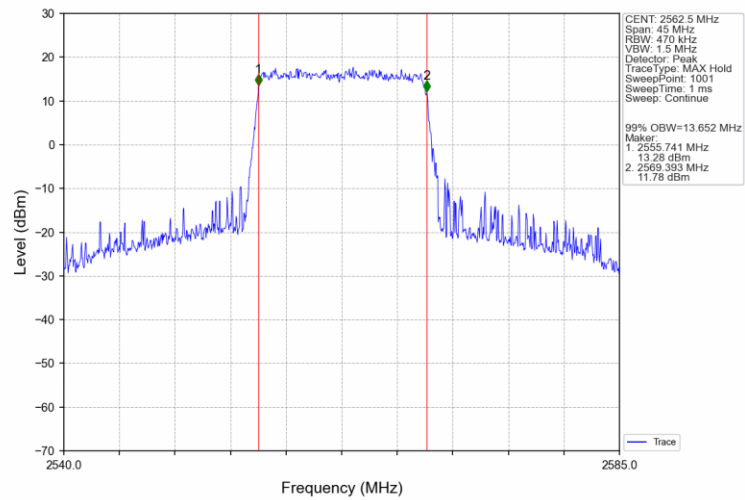


250515148FW6

Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



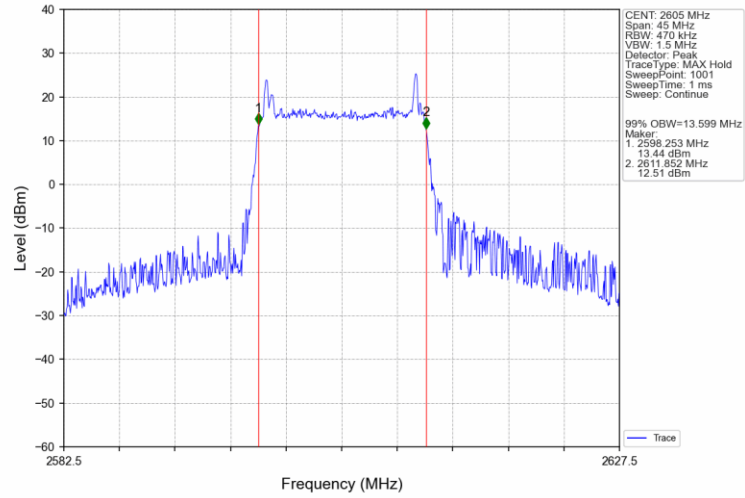
Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



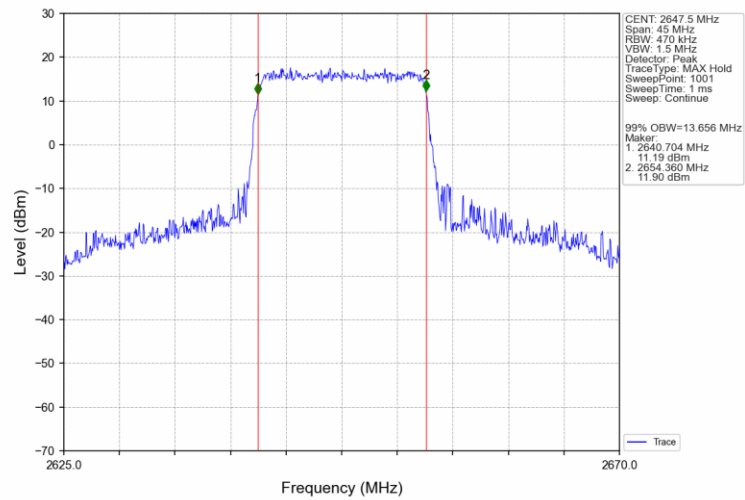


250515148FW6

Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



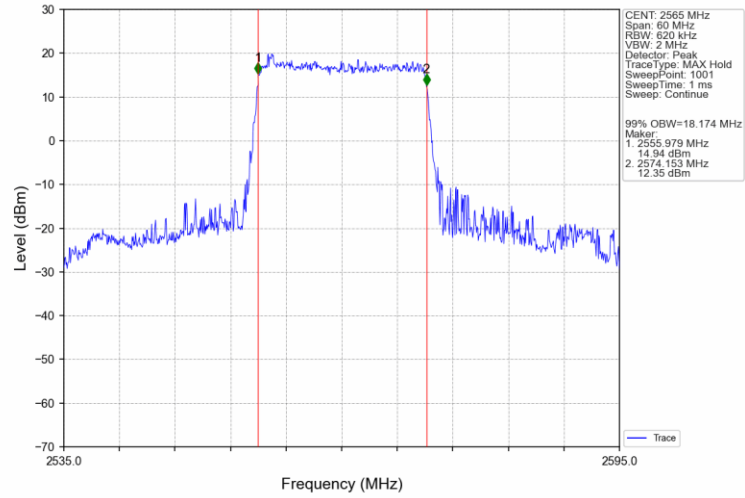
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



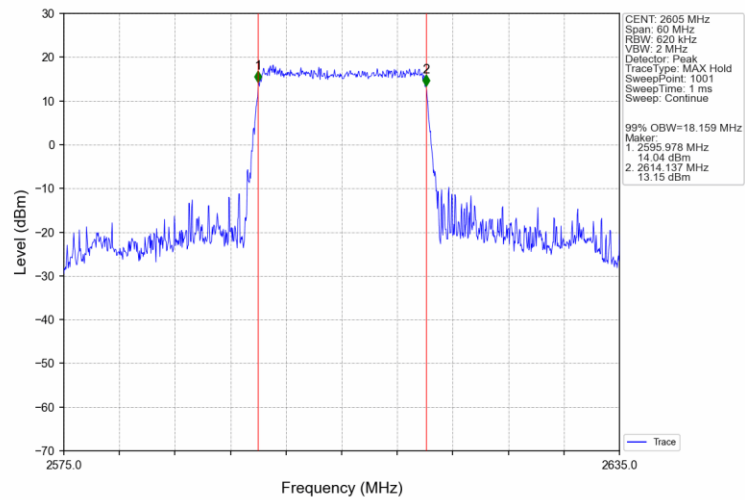


250515148FW6

Band41\_20MHz\_QPSK\_LCH\_2565MHz\_RB\_100\_0\_NTNV



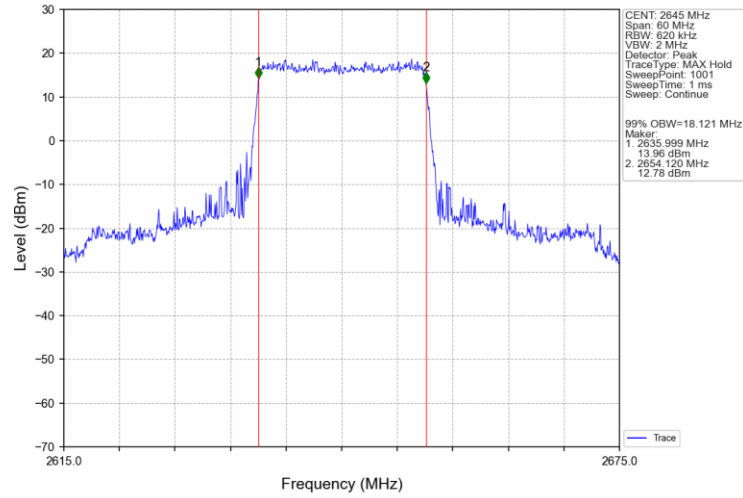
Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



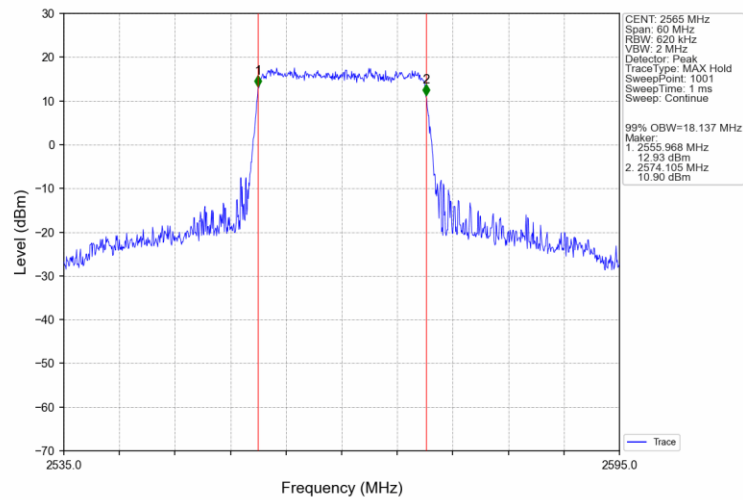


250515148FW6

Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



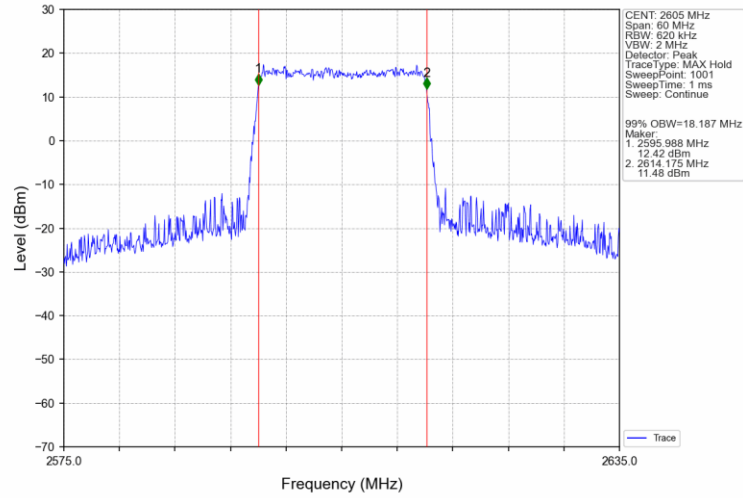
Band41\_20MHz\_16QAM\_LCH\_2565MHz\_RB\_100\_0\_NTNV



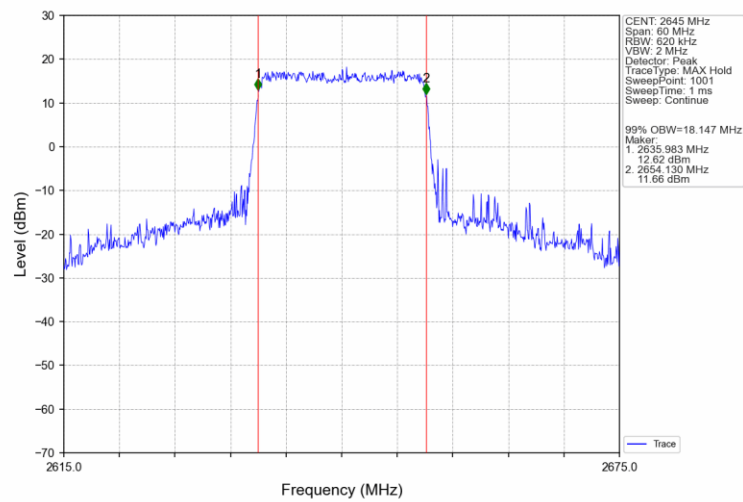


250515148FW6

Band41\_20MHz\_16QAM\_MCH\_2605MHz\_RB\_100\_0\_NTNV

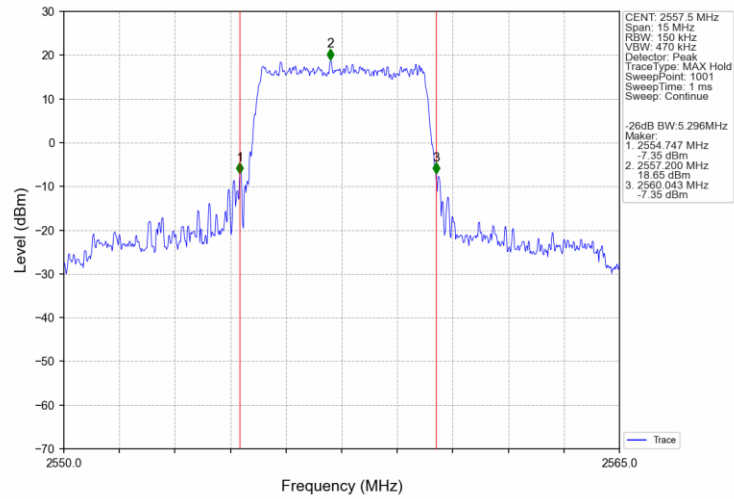


Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV

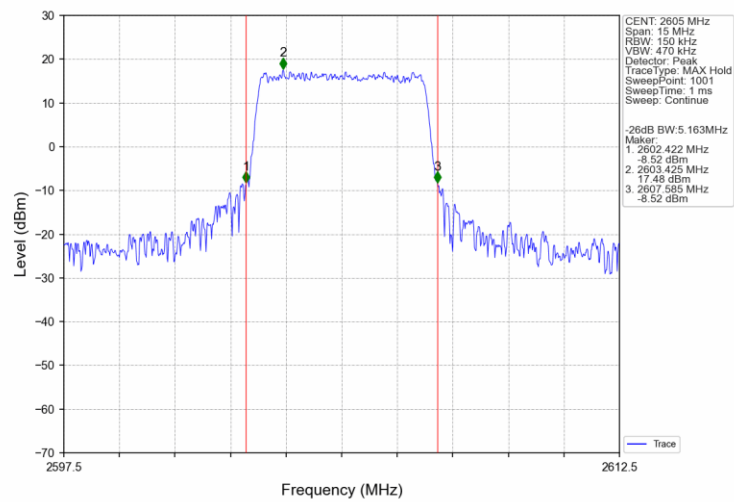


## 4.2.2 Band41\_XDB

Band41\_5MHz\_QPSK\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



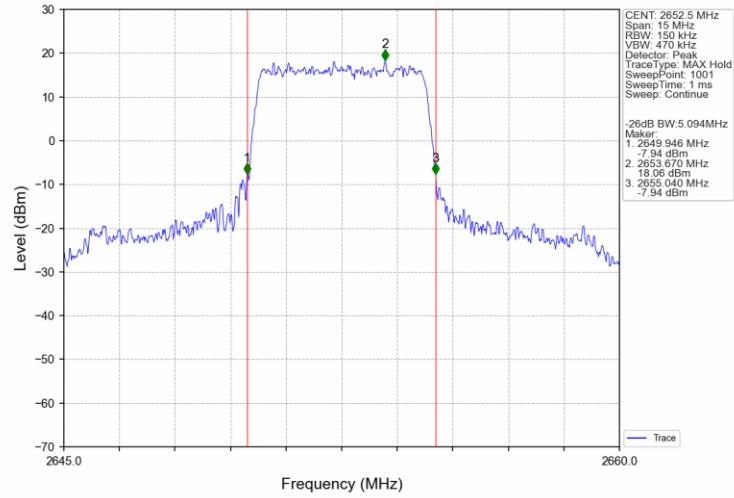
Band41\_5MHz\_QPSK\_MCH\_2605MHz\_RB\_25\_0\_NTNV



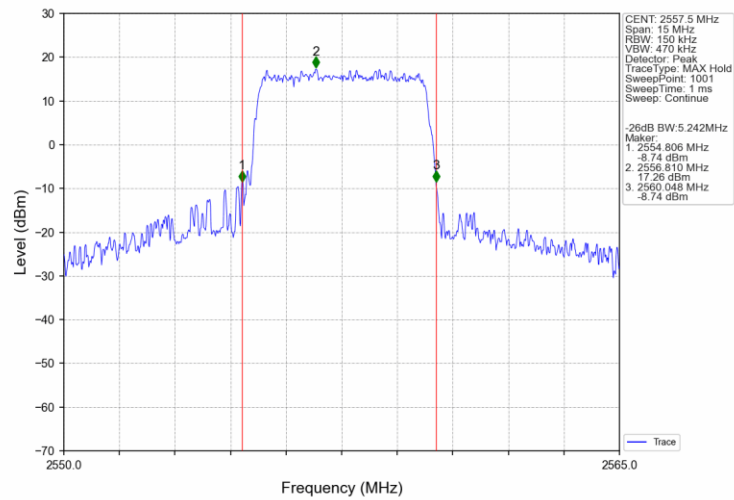


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Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



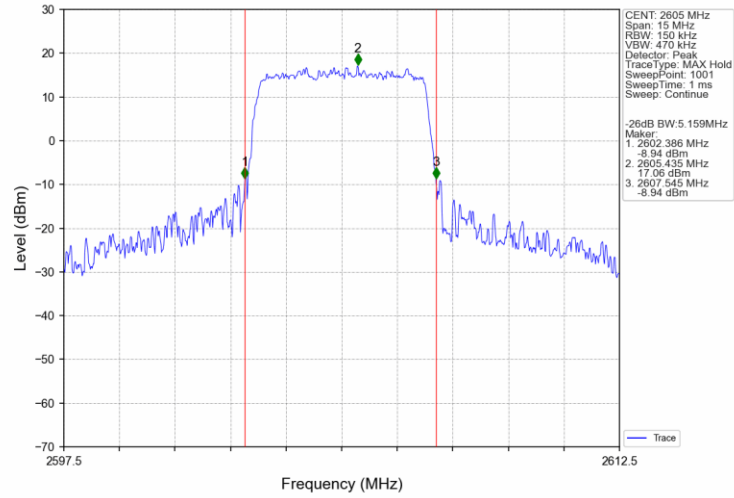
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



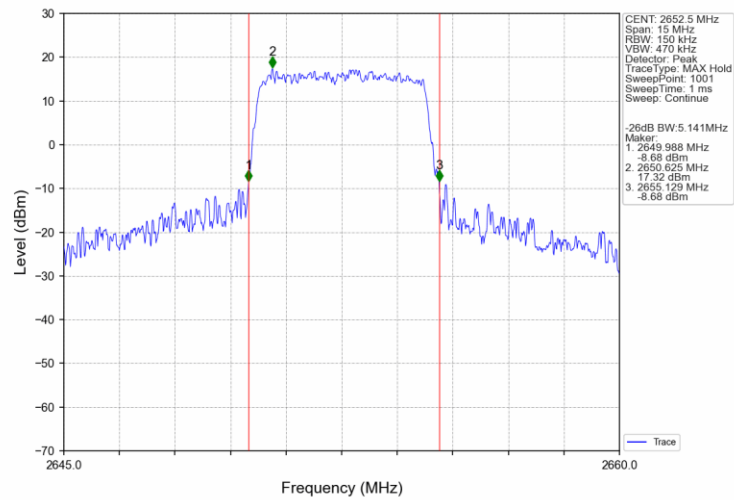


250515148FW6

Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



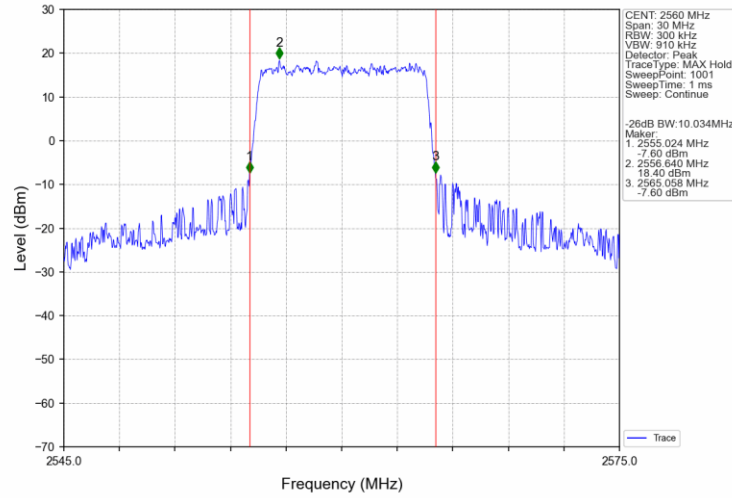
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



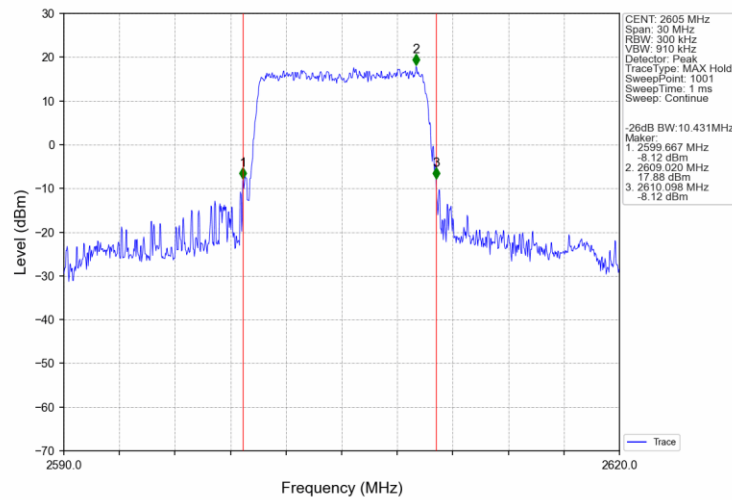


250515148FW6

Band41\_10MHz\_QPSK\_LCH\_2560MHz\_RB\_50\_0\_NTNV



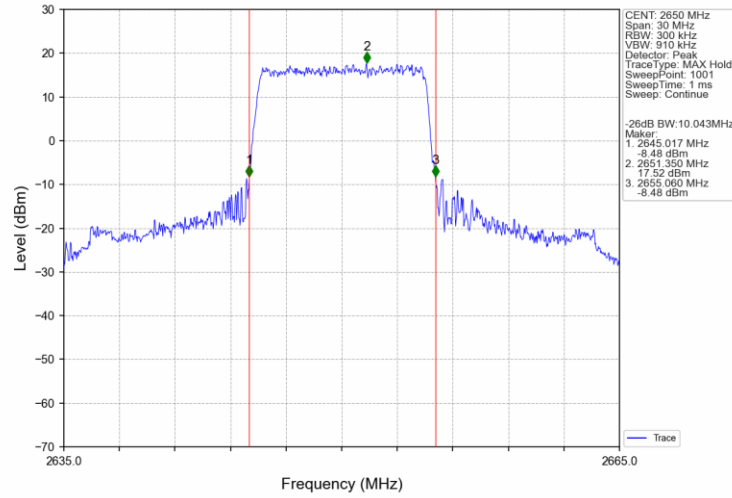
Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



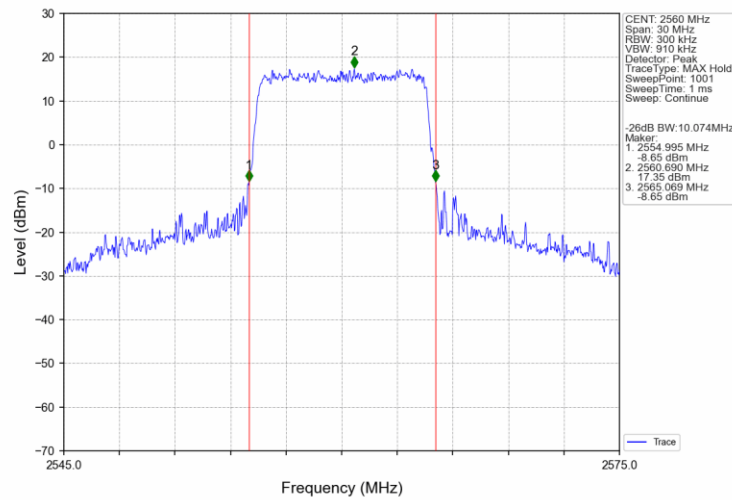


250515148FW6

Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



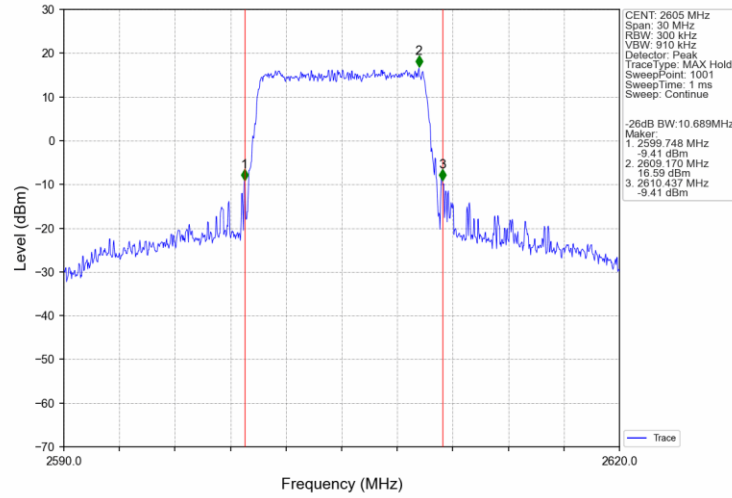
Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



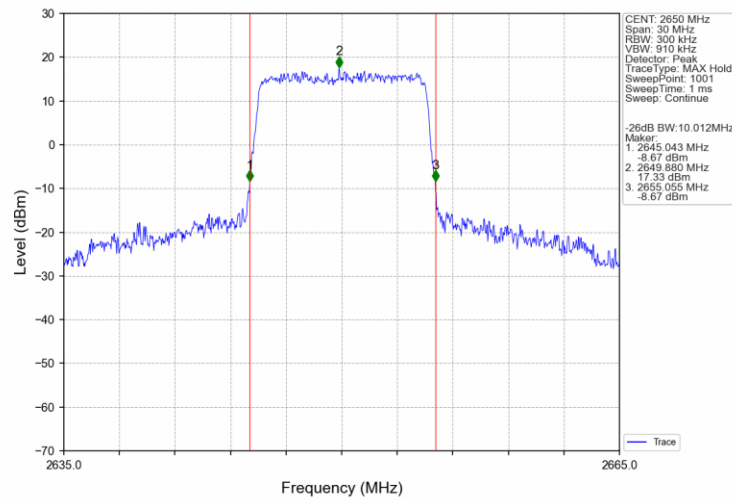


250515148FW6

Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



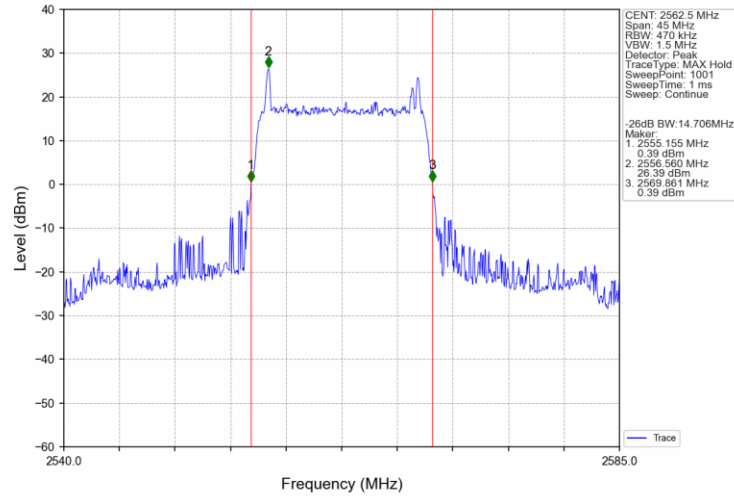
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



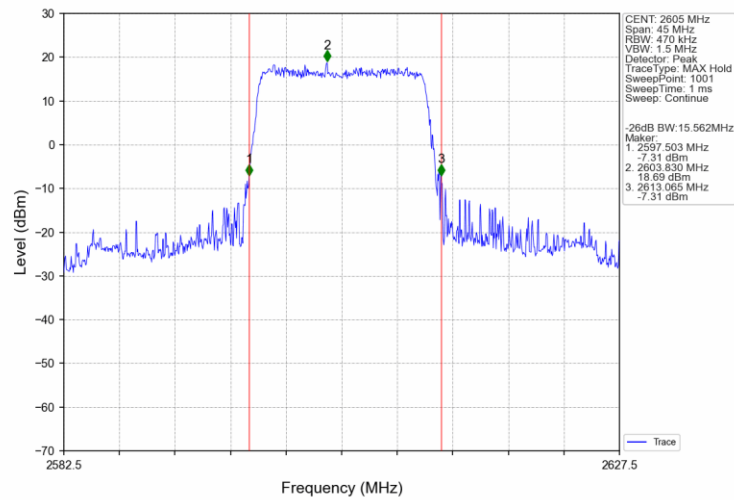


250515148FW6

Band41\_15MHz\_QPSK\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



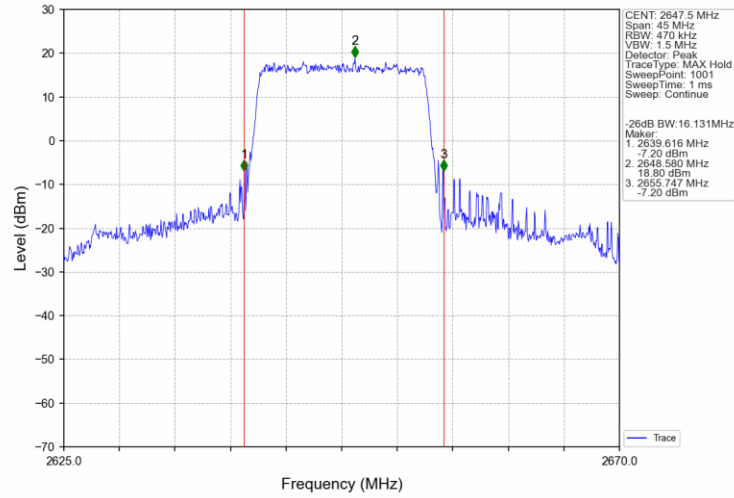
Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



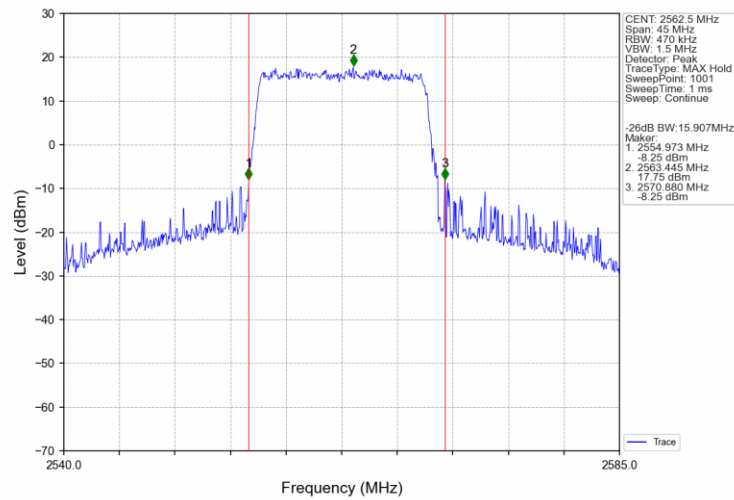


250515148FW6

Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



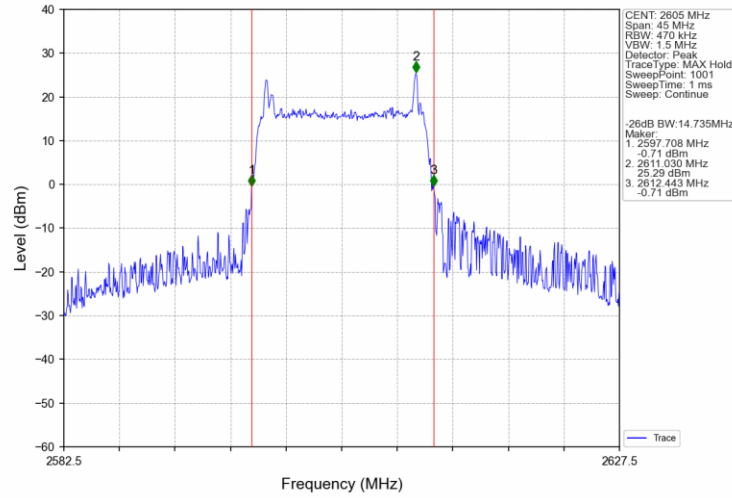
Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



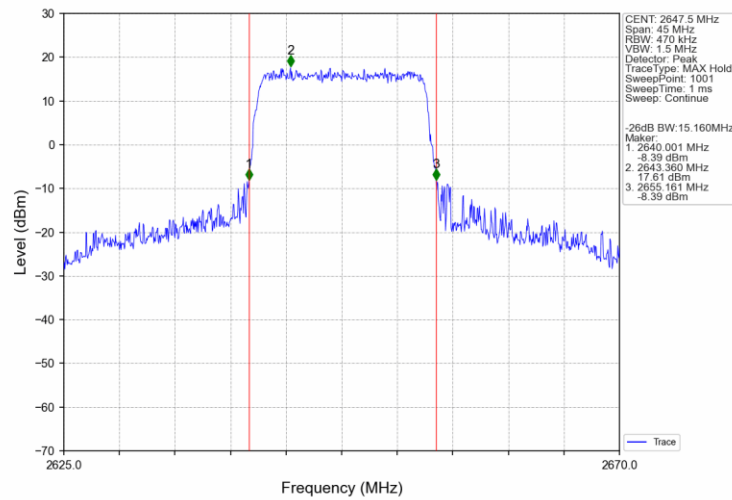


250515148FW6

Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



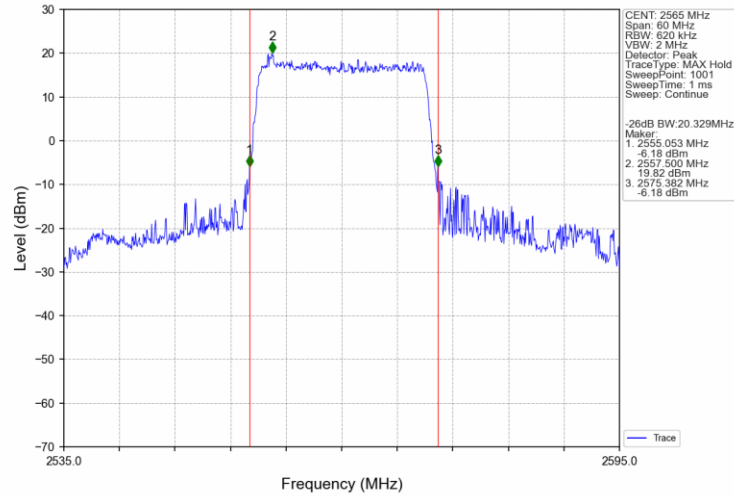
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



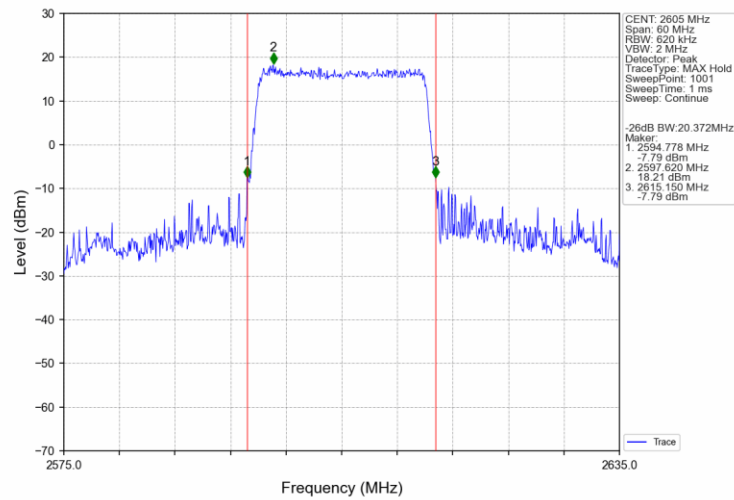


250515148FW6

Band41\_20MHz\_QPSK\_LCH\_2565MHz\_RB\_100\_0\_NTNV



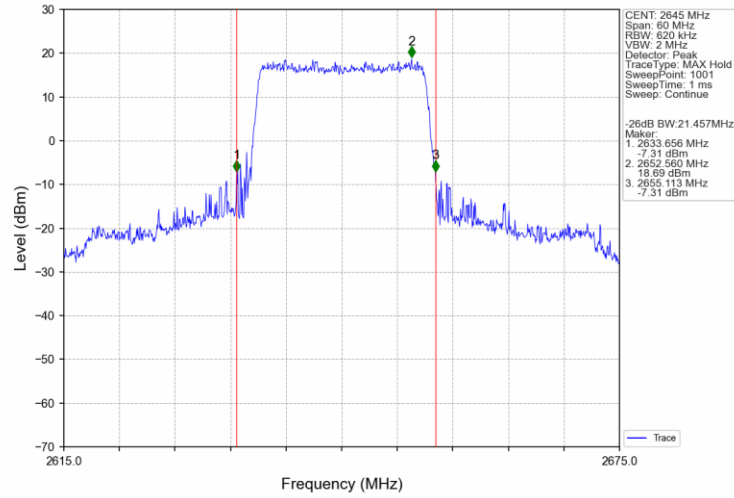
Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



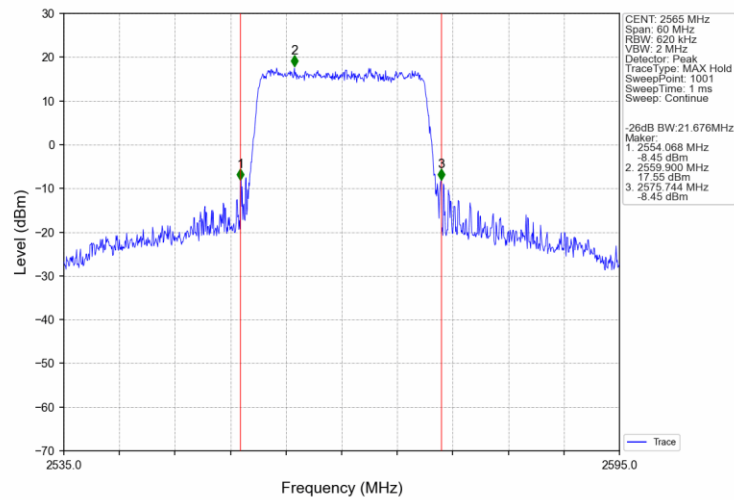


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Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



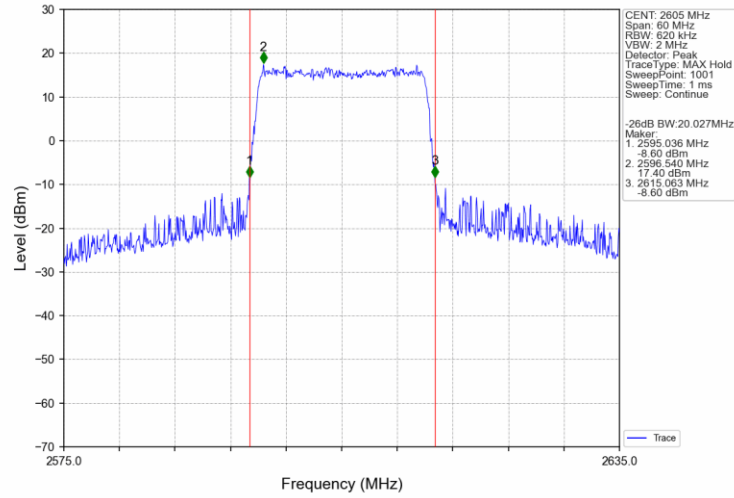
Band41\_20MHz\_16QAM\_LCH\_2565MHz\_RB\_100\_0\_NTNV



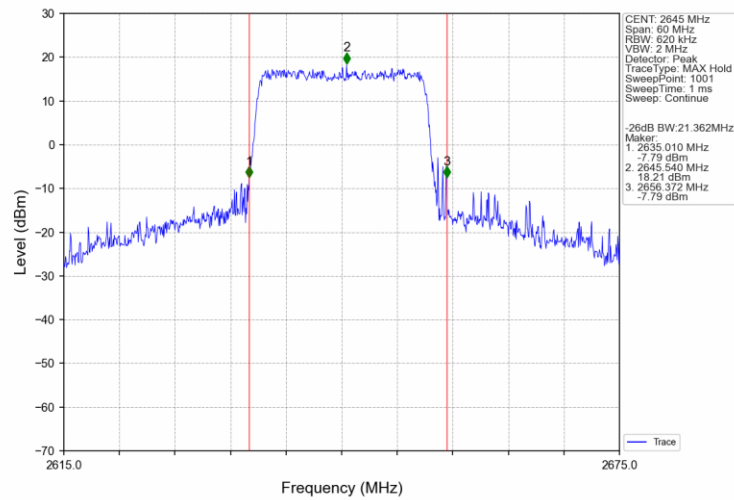


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Band41\_20MHz\_16QAM\_MCH\_2605MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2557.5          | 25            | 0      | 7.49                    | <=13  | Pass    |
|                                   | 2605            | 25            | 0      | 7.32                    | <=13  | Pass    |
|                                   | 2652.5          | 25            | 0      | 7.19                    | <=13  | Pass    |
| 16QAM                             | 2557.5          | 25            | 0      | 8.27                    | <=13  | Pass    |
|                                   | 2605            | 25            | 0      | 8.40                    | <=13  | Pass    |
|                                   | 2652.5          | 25            | 0      | 8.03                    | <=13  | Pass    |

#### 5.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2560            | 50            | 0      | 7.65                    | <=13  | Pass    |
|                                    | 2605            | 50            | 0      | 7.62                    | <=13  | Pass    |
|                                    | 2650            | 50            | 0      | 7.36                    | <=13  | Pass    |
| 16QAM                              | 2560            | 50            | 0      | 8.32                    | <=13  | Pass    |
|                                    | 2605            | 50            | 0      | 8.42                    | <=13  | Pass    |
|                                    | 2650            | 50            | 0      | 8.01                    | <=13  | Pass    |

#### 5.1.3 B41\_15MHz

| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2562.5          | 75            | 0      | 7.11                    | <=13  | Pass    |
|                                    | 2605            | 75            | 0      | 7.38                    | <=13  | Pass    |
|                                    | 2647.5          | 75            | 0      | 7.11                    | <=13  | Pass    |
| 16QAM                              | 2562.5          | 75            | 0      | 8.28                    | <=13  | Pass    |
|                                    | 2605            | 75            | 0      | 8.22                    | <=13  | Pass    |
|                                    | 2647.5          | 75            | 0      | 8.16                    | <=13  | Pass    |

#### 5.1.4 B41\_20MHz

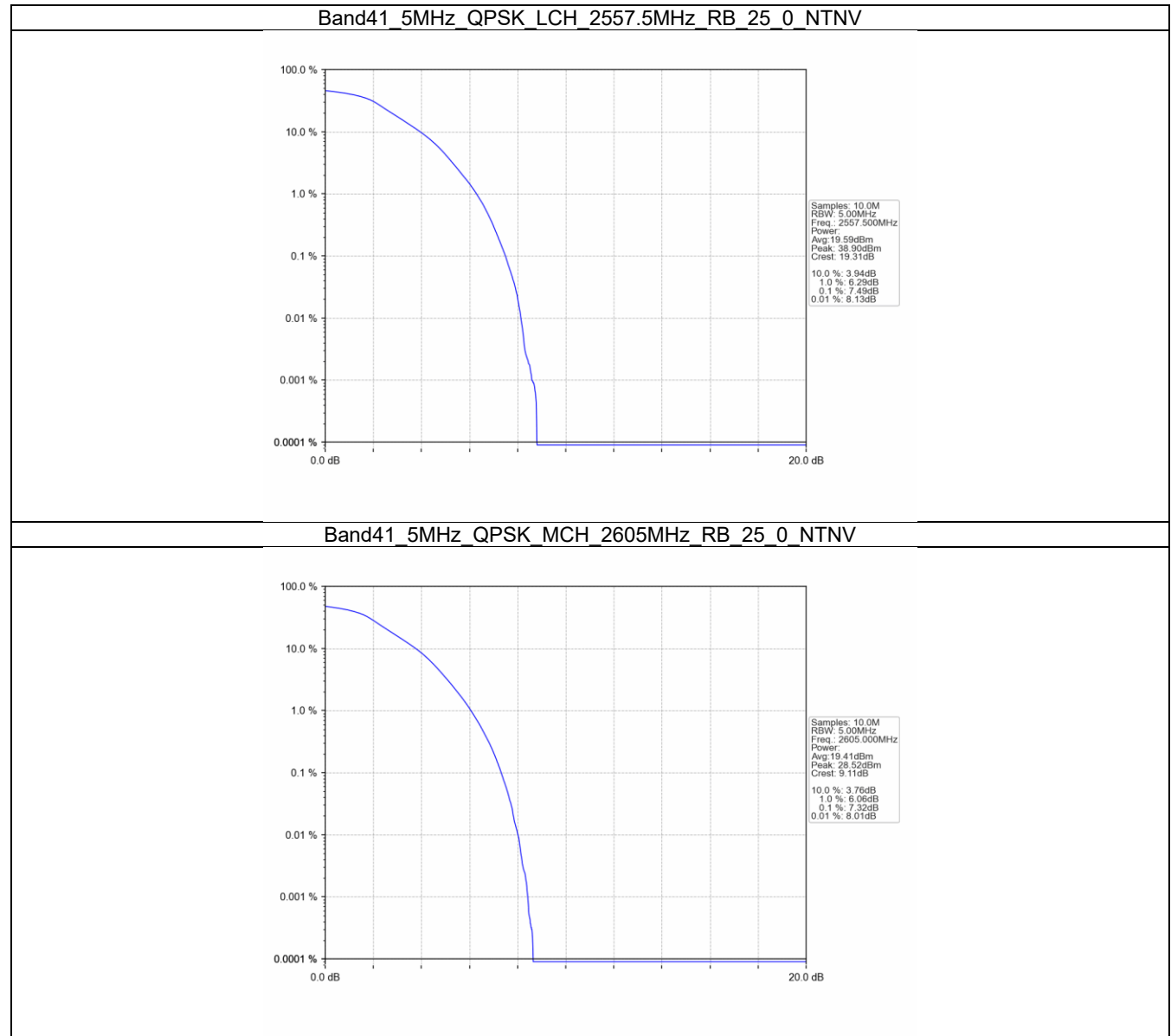
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2565            | 100           | 0      | 7.72                    | <=13  | Pass    |
|                                    | 2605            | 100           | 0      | 7.76                    | <=13  | Pass    |
|                                    | 2645            | 100           | 0      | 7.78                    | <=13  | Pass    |
| 16QAM                              | 2565            | 100           | 0      | 8.55                    | <=13  | Pass    |
|                                    | 2605            | 100           | 0      | 8.68                    | <=13  | Pass    |
|                                    | 2645            | 100           | 0      | 8.52                    | <=13  | Pass    |



250515148FW6

## 5.2 Test Graph

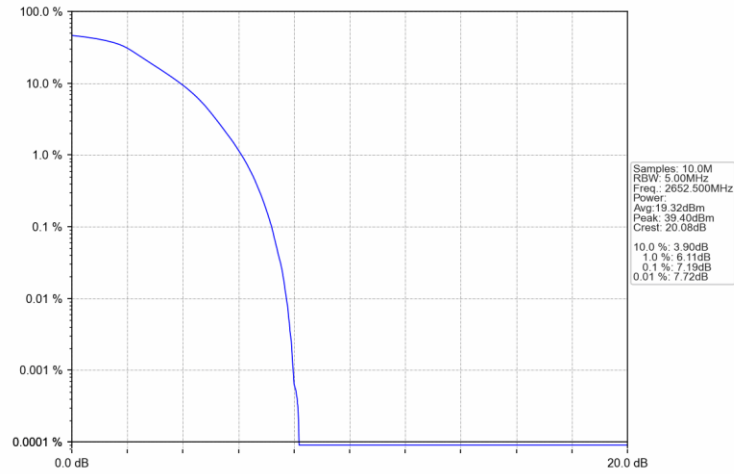
### 5.2.1 B41\_5MHz



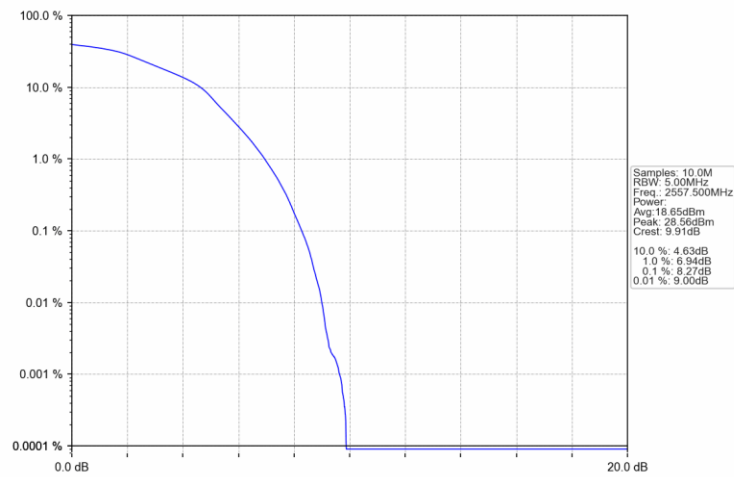


250515148FW6

Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



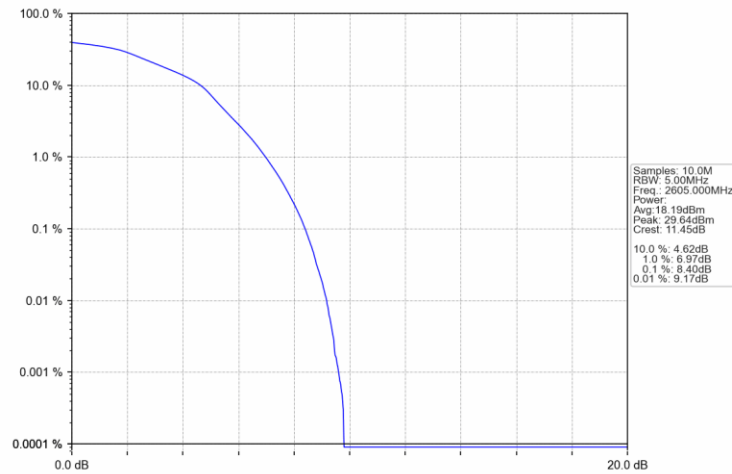
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



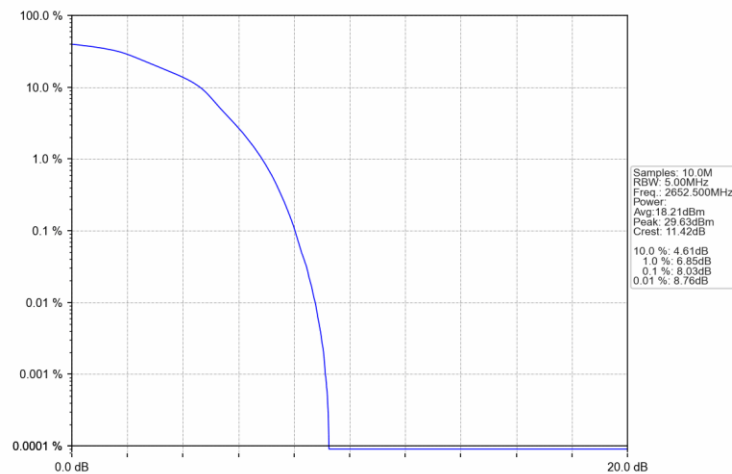


250515148FW6

Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV

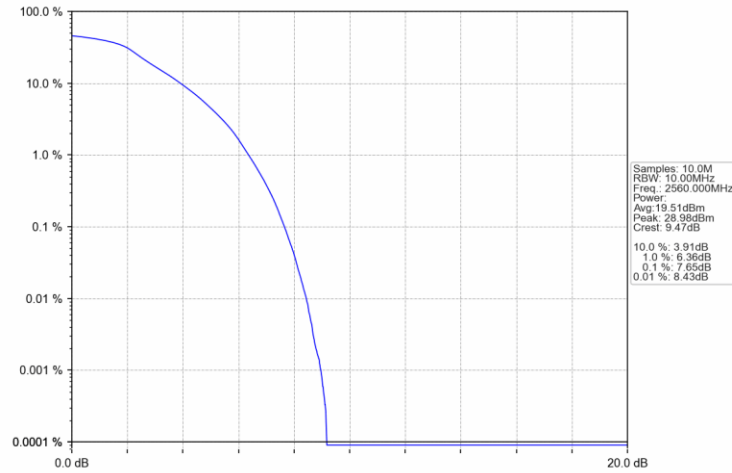


Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV

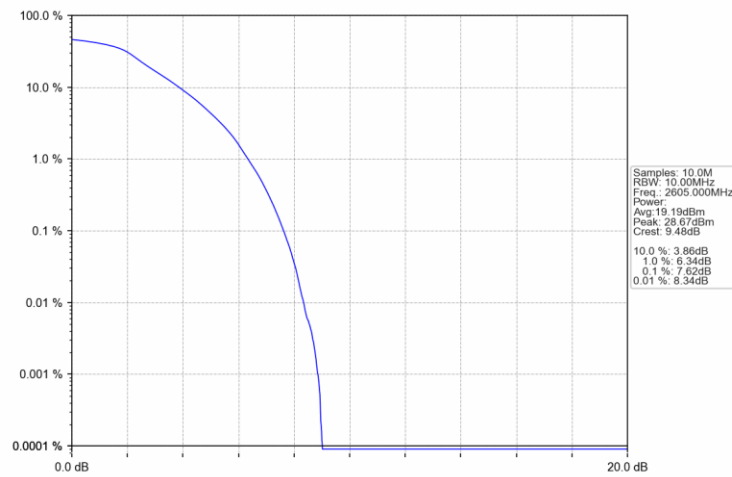


## 5.2.2 B41\_10MHz

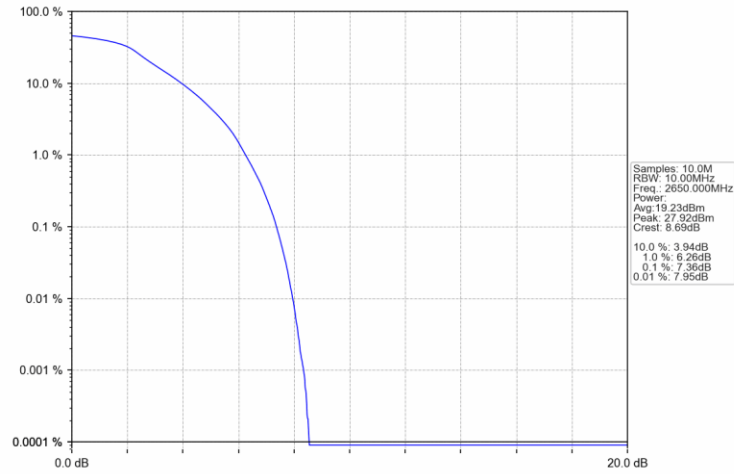
Band41\_10MHz\_QPSK\_LCH\_2560MHz\_RB\_50\_0\_NTNV



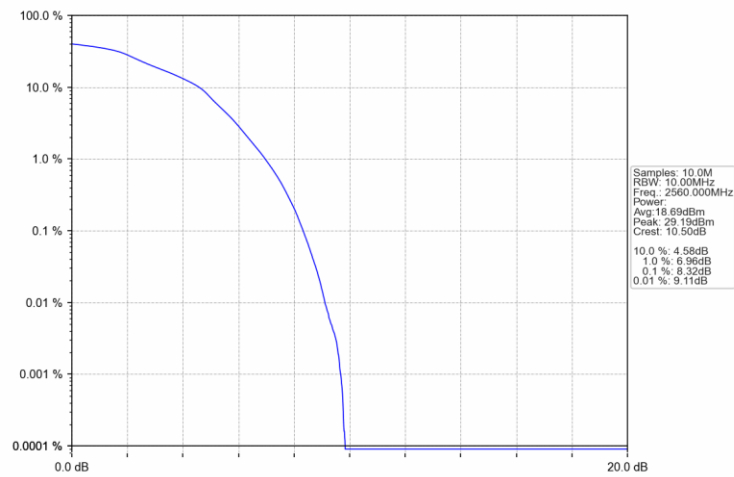
Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



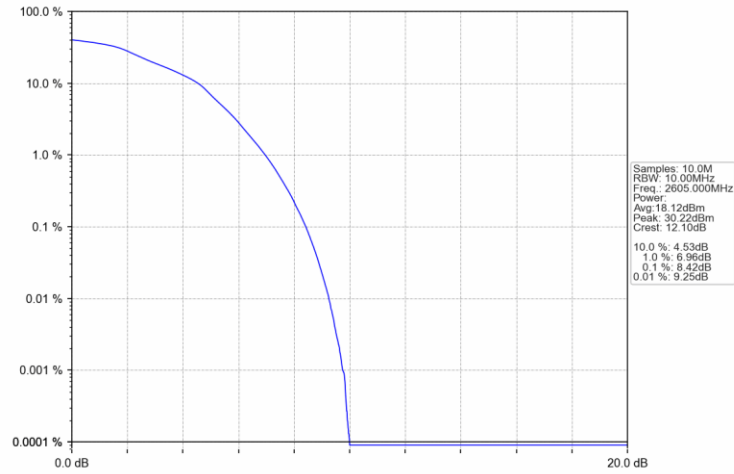
Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



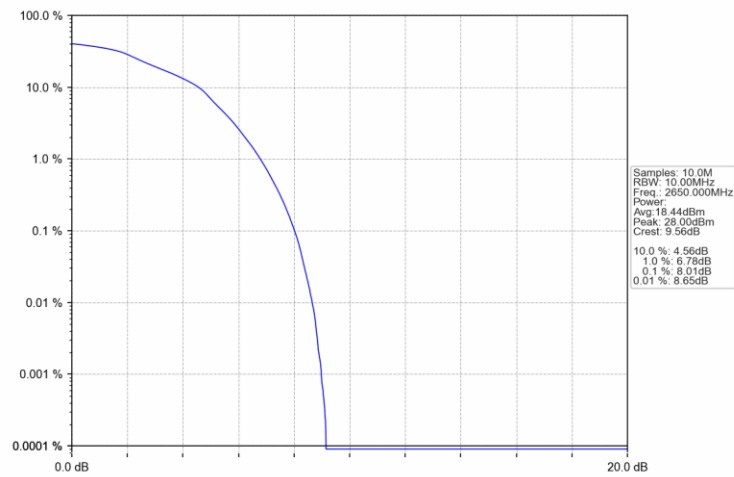


250515148FW6

Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV

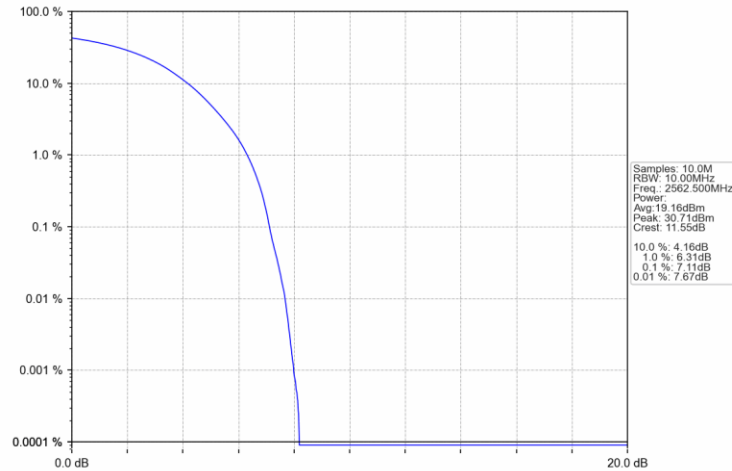


Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV

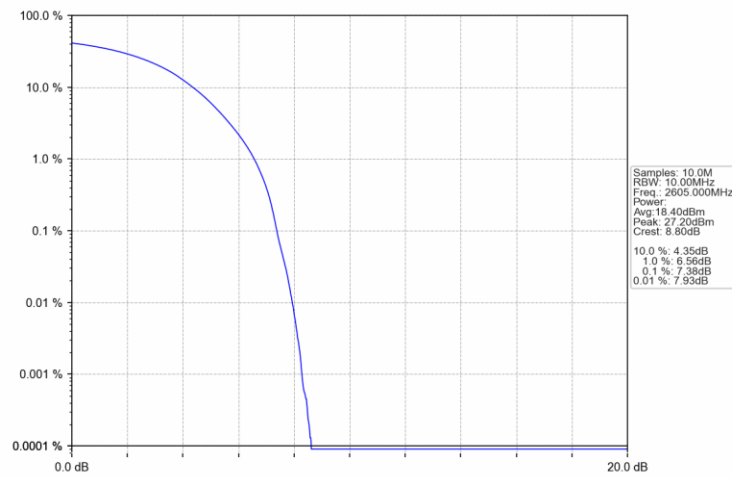


### 5.2.3 B41\_15MHz

Band41\_15MHz\_QPSK\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



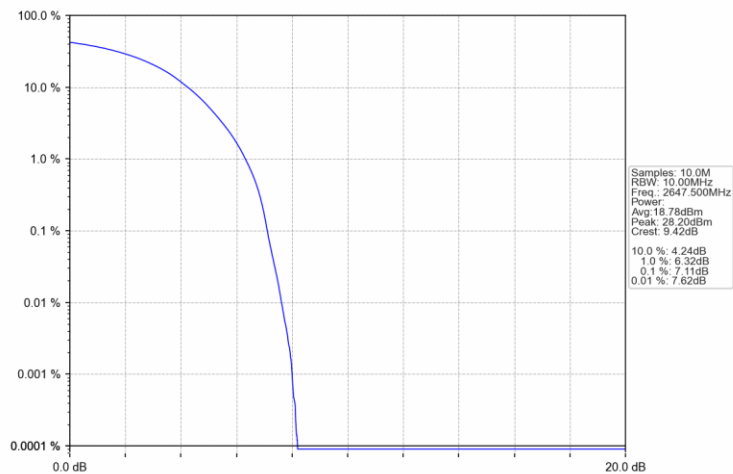
Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



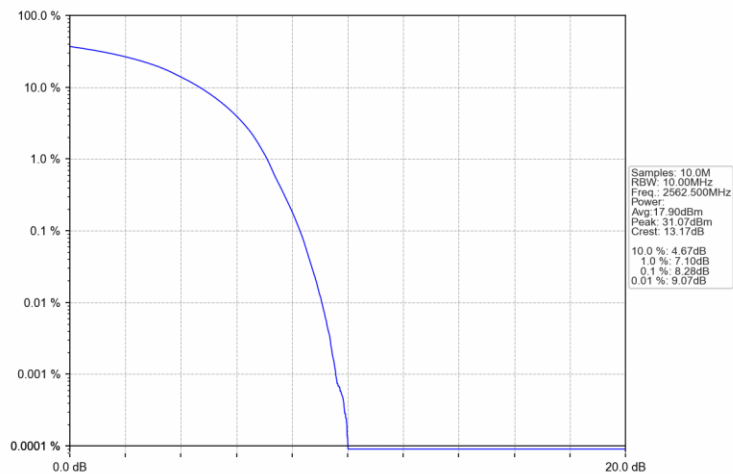


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Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



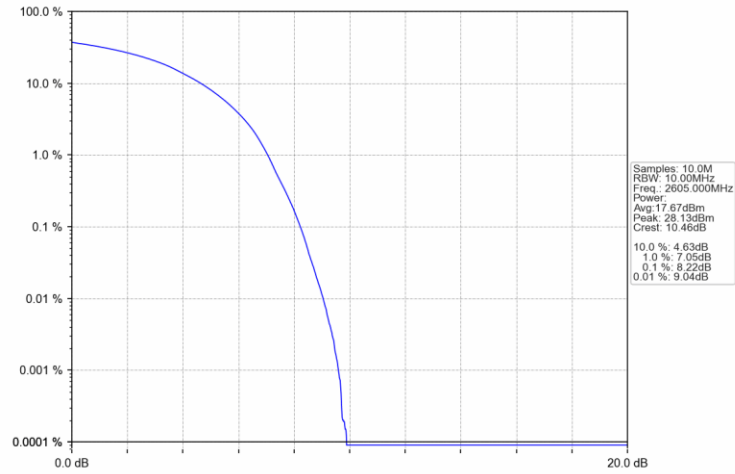
Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



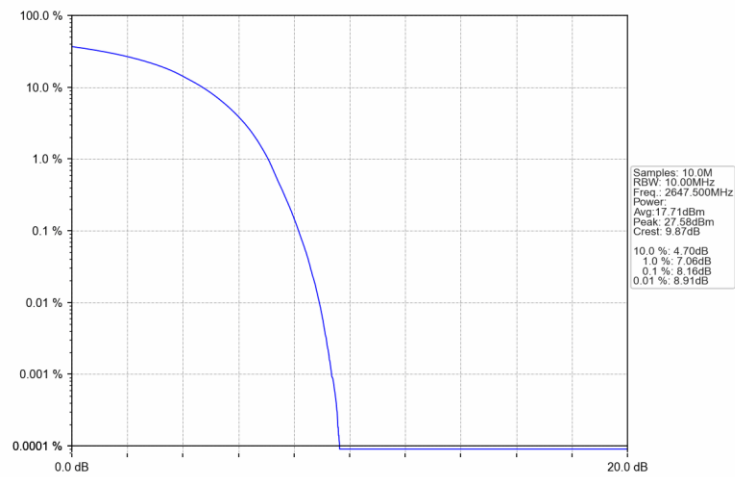


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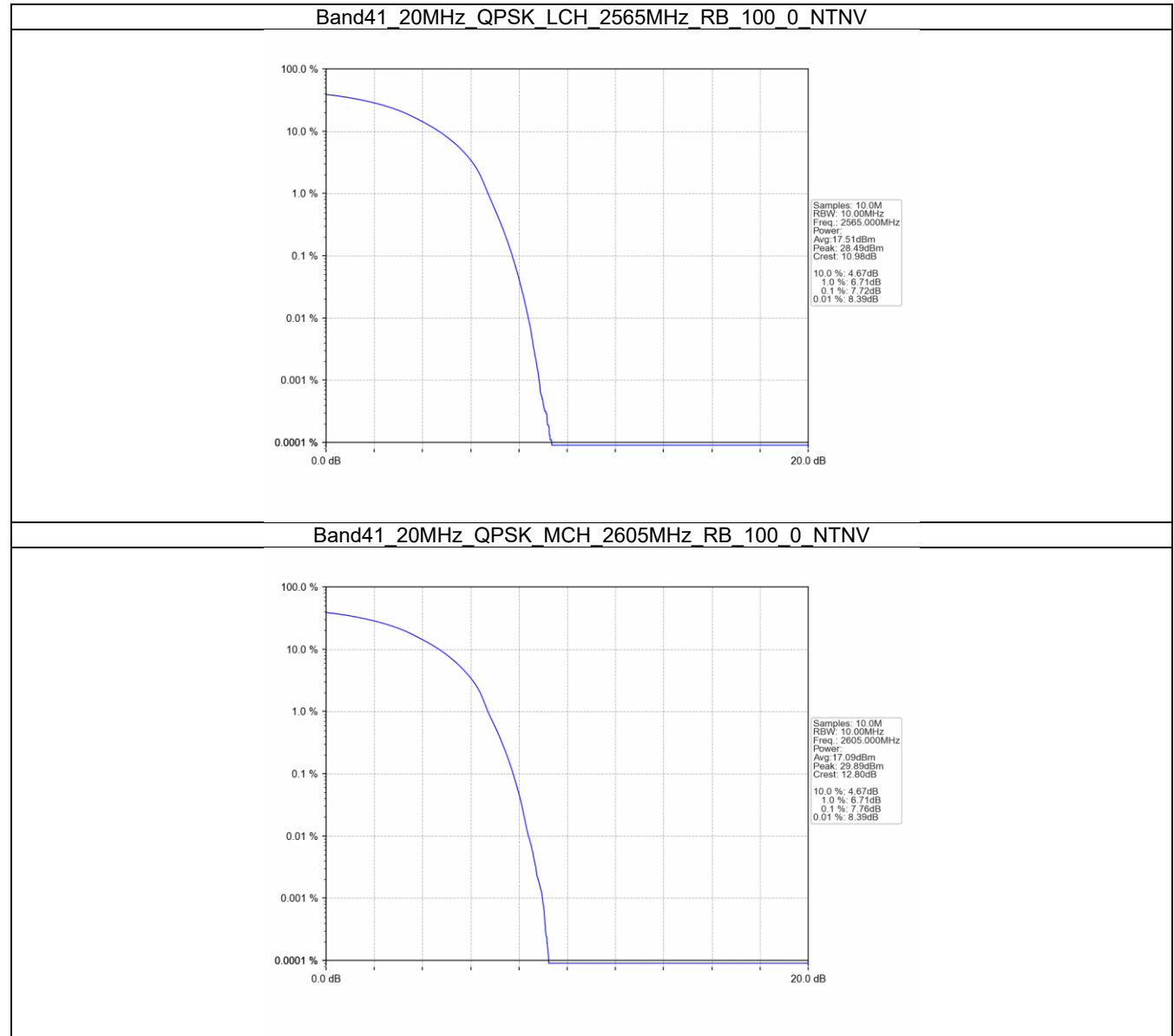
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV

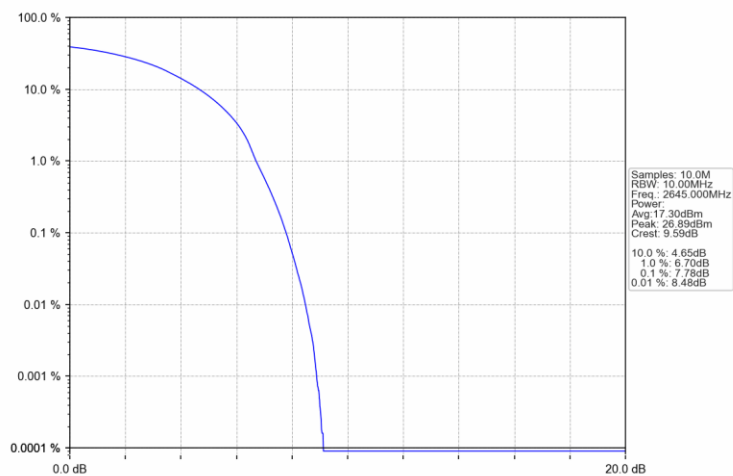


## 5.2.4 B41\_20MHz

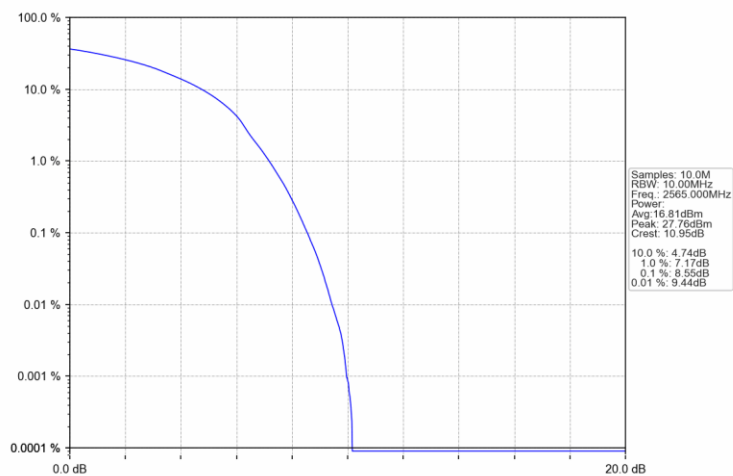


250515148FW6

Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



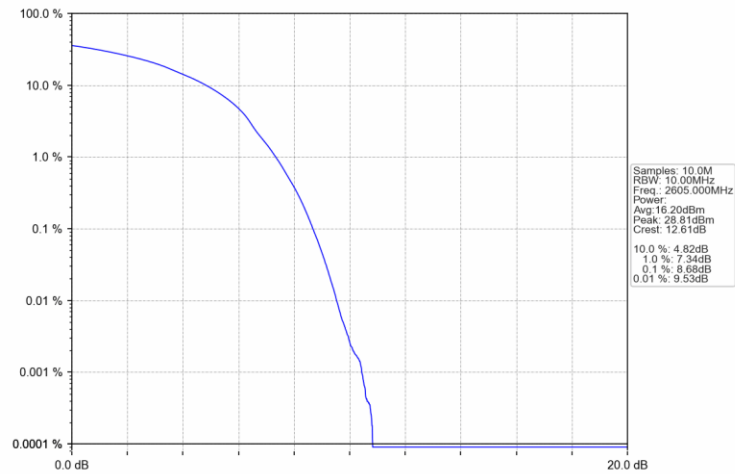
Band41\_20MHz\_16QAM\_LCH\_2565MHz\_RB\_100\_0\_NTNV





250515148FW6

Band41\_20MHz\_16QAM\_MCH\_2605MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV

