

## 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      | 22.05                 | 1.70       | 23.75      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.30                 | 1.70       | 24.00      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.20                 | 1.70       | 23.90      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.18                 | 1.70       | 22.88      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.25                 | 1.70       | 22.95      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.18                 | 1.70       | 22.88      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.16                 | 1.70       | 22.86      | <=33.01 | Pass    |
|                                   | 2605            | 1             | 0      | 22.14                 | 1.70       | 23.84      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.34                 | 1.70       | 24.04      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.36                 | 1.70       | 24.06      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.51                 | 1.70       | 23.21      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.69                 | 1.70       | 23.39      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.58                 | 1.70       | 23.28      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.59                 | 1.70       | 23.29      | <=33.01 | Pass    |
|                                   | 2652.5          | 1             | 0      | 22.56                 | 1.70       | 24.26      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.75                 | 1.70       | 24.45      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.55                 | 1.70       | 24.25      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.59                 | 1.70       | 23.29      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.72                 | 1.70       | 23.42      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.63                 | 1.70       | 23.33      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.68                 | 1.70       | 23.38      | <=33.01 | Pass    |
| 16QAM                             | 2557.5          | 1             | 0      | 21.10                 | 1.70       | 22.80      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.21                 | 1.70       | 22.91      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.11                 | 1.70       | 22.81      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 20.07                 | 1.70       | 21.77      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 20.17                 | 1.70       | 21.87      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.11                 | 1.70       | 21.81      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.28                 | 1.70       | 21.98      | <=33.01 | Pass    |
|                                   | 2605            | 1             | 0      | 21.61                 | 1.70       | 23.31      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.65                 | 1.70       | 23.35      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.55                 | 1.70       | 23.25      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 20.56                 | 1.70       | 22.26      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 20.66                 | 1.70       | 22.36      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.52                 | 1.70       | 22.22      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.59                 | 1.70       | 22.29      | <=33.01 | Pass    |
|                                   | 2652.5          | 1             | 0      | 21.48                 | 1.70       | 23.18      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.95                 | 1.70       | 23.65      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.77                 | 1.70       | 23.47      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 20.59                 | 1.70       | 22.29      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 20.60                 | 1.70       | 22.30      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.50                 | 1.70       | 22.20      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.56                 | 1.70       | 22.26      | <=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      | 22.63                 | 1.70       | 24.33      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.86                 | 1.70       | 24.56      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.58                 | 1.70       | 24.28      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 21.65                 | 1.70       | 23.35      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.68                 | 1.70       | 23.38      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.69                 | 1.70       | 23.39      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.64                 | 1.70       | 23.34      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.56                 | 1.70       | 24.26      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.77                 | 1.70       | 24.47      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 49     | 22.56                 | 1.70       | 24.26      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.53                 | 1.70       | 23.23      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.60                 | 1.70       | 23.30      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 21.61                 | 1.70       | 23.31      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.55                 | 1.70       | 23.25      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.56                 | 1.70       | 24.26      | <=33.01 | Pass    |
|                                    |                 | 25            | 25     | 22.81                 | 1.70       | 24.51      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.58                 | 1.70       | 24.28      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.61                 | 1.70       | 23.31      | <=33.01 | Pass    |
| 16QAM                              | 2560            | 1             | 13     | 21.63                 | 1.70       | 23.33      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.68                 | 1.70       | 23.38      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.24                 | 1.70       | 22.94      | <=33.01 | Pass    |
|                                    |                 | 25            | 49     | 21.58                 | 1.70       | 23.28      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.61                 | 1.70       | 22.31      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 20.67                 | 1.70       | 22.37      | <=33.01 | Pass    |
|                                    |                 | 50            | 25     | 20.65                 | 1.70       | 22.35      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.63                 | 1.70       | 22.33      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.32                 | 1.70       | 23.02      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 25     | 21.51                 | 1.70       | 23.21      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 21.29                 | 1.70       | 22.99      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.57                 | 1.70       | 22.27      | <=33.01 | Pass    |
|                                    |                 | 25            | 13     | 20.58                 | 1.70       | 22.28      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.61                 | 1.70       | 22.31      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.55                 | 1.70       | 22.25      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.60                 | 1.70       | 23.30      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.74                 | 1.70       | 23.44      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 21.66                 | 1.70       | 23.36      | <=33.01 | Pass    |
|                                    | 2650            | 1             | 0      | 20.62                 | 1.70       | 22.32      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 20.69                 | 1.70       | 22.39      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.71                 | 1.70       | 22.41      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 20.59                 | 1.70       | 22.29      | <=33.01 | Pass    |
|                                    |                 |               | 0      |                       |            |            |         |         |
|                                    |                 |               | 0      |                       |            |            |         |         |
|                                    |                 | 50            | 0      |                       |            |            |         |         |
|                                    |                 |               | 0      |                       |            |            |         |         |
|                                    |                 |               | 0      |                       |            |            |         |         |

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      | 22.48                 | 1.70       | 24.18      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.67                 | 1.70       | 24.37      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.54                 | 1.70       | 24.24      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 21.69                 | 1.70       | 23.39      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.76                 | 1.70       | 23.46      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.76                 | 1.70       | 23.46      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.71                 | 1.70       | 23.41      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 0      | 22.45                 | 1.70       | 24.15      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.58                 | 1.70       | 24.28      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.49                 | 1.70       | 24.19      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 21.57                 | 1.70       | 23.27      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.64                 | 1.70       | 23.34      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.69                 | 1.70       | 23.39      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.61                 | 1.70       | 23.31      | <=33.01 | Pass    |
|                                    | 2647.5          | 1             | 0      | 22.51                 | 1.70       | 24.21      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.60                 | 1.70       | 24.30      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.52                 | 1.70       | 24.22      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 21.63                 | 1.70       | 23.33      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.68                 | 1.70       | 23.38      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.67                 | 1.70       | 23.37      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.66                 | 1.70       | 23.36      | <=33.01 | Pass    |
| 16QAM                              | 2562.5          | 1             | 0      | 21.54                 | 1.70       | 23.24      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 21.57                 | 1.70       | 23.27      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 21.65                 | 1.70       | 23.35      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 20.59                 | 1.70       | 22.29      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 20.75                 | 1.70       | 22.45      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 20.73                 | 1.70       | 22.43      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.67                 | 1.70       | 22.37      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 0      | 21.37                 | 1.70       | 23.07      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 21.36                 | 1.70       | 23.06      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 21.21                 | 1.70       | 22.91      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 20.52                 | 1.70       | 22.22      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 20.57                 | 1.70       | 22.27      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 20.55                 | 1.70       | 22.25      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.52                 | 1.70       | 22.22      | <=33.01 | Pass    |
|                                    | 2647.5          | 1             | 0      | 21.29                 | 1.70       | 22.99      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 21.73                 | 1.70       | 23.43      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 21.47                 | 1.70       | 23.17      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 20.57                 | 1.70       | 22.27      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 20.57                 | 1.70       | 22.27      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 20.63                 | 1.70       | 22.33      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.59                 | 1.70       | 22.29      | <=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      | 22.33                 | 1.70       | 24.03      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.80                 | 1.70       | 24.50      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.45                 | 1.70       | 24.15      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.56                 | 1.70       | 23.26      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.67                 | 1.70       | 23.37      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.63                 | 1.70       | 23.33      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.57                 | 1.70       | 23.27      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.31                 | 1.70       | 24.01      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.78                 | 1.70       | 24.48      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 99     | 22.34                 | 1.70       | 24.04      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.47                 | 1.70       | 23.17      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.52                 | 1.70       | 23.22      | <=33.01 | Pass    |
|                                    |                 | 50            | 50     | 21.58                 | 1.70       | 23.28      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.51                 | 1.70       | 23.21      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 22.34                 | 1.70       | 24.04      | <=33.01 | Pass    |
|                                    |                 | 100           | 50     | 22.81                 | 1.70       | 24.51      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.35                 | 1.70       | 24.05      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.46                 | 1.70       | 23.16      | <=33.01 | Pass    |
|                                    | 2645            | 50            | 25     | 21.59                 | 1.70       | 23.29      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.63                 | 1.70       | 23.33      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.56                 | 1.70       | 23.26      | <=33.01 | Pass    |
| 16QAM                              | 2565            | 1             | 0      | 20.91                 | 1.70       | 22.61      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.83                 | 1.70       | 23.53      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 21.44                 | 1.70       | 23.14      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.56                 | 1.70       | 22.26      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.61                 | 1.70       | 22.31      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 20.60                 | 1.70       | 22.30      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 20.59                 | 1.70       | 22.29      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.12                 | 1.70       | 22.82      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.34                 | 1.70       | 23.04      | <=33.01 | Pass    |
|                                    | 2605            | 1             | 99     | 21.46                 | 1.70       | 23.16      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.41                 | 1.70       | 22.11      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.61                 | 1.70       | 22.31      | <=33.01 | Pass    |
|                                    |                 | 50            | 50     | 20.54                 | 1.70       | 22.24      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.52                 | 1.70       | 22.22      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 21.33                 | 1.70       | 23.03      | <=33.01 | Pass    |
|                                    |                 | 100           | 50     | 22.07                 | 1.70       | 23.77      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 21.37                 | 1.70       | 23.07      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.46                 | 1.70       | 22.16      | <=33.01 | Pass    |
|                                    | 2645            | 50            | 25     | 20.62                 | 1.70       | 22.32      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 20.61                 | 1.70       | 22.31      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 20.57                 | 1.70       | 22.27      | <=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         | 3.23          | -4.249           | -0.0017               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -4.835           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 0.830            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | 0.587            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | 7.911            | 0.0031                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | 2.203            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.80          | -7.153           | -0.0028               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.80          | 0.544            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.80          | 2.704            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.80          | -2.990           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.80          | 1.874            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            | 2605            | 25            | 0      | 20         | 3.23          | -3.419           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -5.236           | -0.0020               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -5.164           | -0.0020               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | -9.427           | -0.0036               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | 2.389            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | -4.535           | -0.0017               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.80          | -11.687          | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.80          | -2.933           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.80          | -5.465           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.80          | -3.219           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.80          | -5.708           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            | 2652.5          | 25            | 0      | 20         | 3.23          | -6.738           | -0.0025               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -15.779          | -0.0059               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -17.796          | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | -8.969           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | -23.818          | -0.0090               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | -2.890           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.80          | -9.899           | -0.0037               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.80          | -17.710          | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.80          | -20.285          | -0.0076               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.80          | -17.781          | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.80          | -13.790          | -0.0052               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 2557.5          | 25            | 0      | 20         | 3.23          | -8.597           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -29.197          | -0.0114               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -3.862           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | 1.316            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | -7.110           | -0.0028               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | -16.136          | -0.0063               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.80          | -1.559           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.80          | -5.336           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.80          | 0.801            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.80          | -6.623           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.80          | -1.931           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            | 2605            | 25            | 0      | 20         | 3.23          | -3.104           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -12.617          | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -7.739           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | -8.097           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | -10.715          | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | -6.065           | -0.0023               | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | 0   | 3.80 | -9.971  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.80 | -4.849  | -0.0019 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.80 | -5.507  | -0.0021 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.80 | -4.377  | -0.0017 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.80 | 1.402   | 0.0005  | -2.5 to 2.5 | Pass |
|  | 2652.5 | 25 | 0 | 20  | 3.23 | -23.847 | -0.0090 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.80 | -19.684 | -0.0074 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.37 | -25.892 | -0.0098 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.80 | -27.666 | -0.0104 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.80 | -24.447 | -0.0092 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.80 | -26.851 | -0.0101 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.80 | -31.185 | -0.0118 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.80 | -14.405 | -0.0054 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.80 | -22.144 | -0.0083 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.80 | -14.677 | -0.0055 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.80 | -16.537 | -0.0062 | -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         | 3.23          | 2.789            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -5.765           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -11.401          | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | 0.458            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -3.591           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -7.439           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -9.255           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | 5.064            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -20.857          | -0.0081               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -2.546           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -9.584           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 50            | 0      | 20         | 3.23          | -10.171          | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -2.732           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -4.277           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -15.378          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -14.992          | -0.0058               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -4.020           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -11.587          | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -13.146          | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -8.240           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -0.916           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -3.405           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             | 2650            | 50            | 0      | 20         | 3.23          | -7.110           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -6.437           | -0.0024               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -8.111           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -9.799           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -14.820          | -0.0056               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -10.657          | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -8.426           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -11.888          | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -15.936          | -0.0060               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -8.426           | -0.0032               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 2560            | 50            | 0      | 20         | 3.23          | -4.120           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | 0.458            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -13.862          | -0.0054               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -9.112           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -9.999           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -4.420           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -16.780          | -0.0066               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -10.986          | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -12.360          | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -0.958           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -5.336           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 50            | 0      | 20         | 3.23          | -13.919          | -0.0053               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -16.894          | -0.0065               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -3.963           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -3.533           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -11.401          | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -3.805           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -12.803          | -0.0049               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -10.772          | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -6.852           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -13.261          | -0.0051               | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |         |         |             |      |
|--|------|----|---|-----|------|---------|---------|-------------|------|
|  | 2650 | 50 | 0 | 20  | 3.23 | -21.157 | -0.0080 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.80 | -8.469  | -0.0032 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.37 | -4.363  | -0.0016 | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.80 | -15.435 | -0.0058 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.80 | 3.090   | 0.0012  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.80 | -1.373  | -0.0005 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.80 | -2.589  | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.80 | -7.138  | -0.0027 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.80 | -5.865  | -0.0022 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.80 | -12.074 | -0.0046 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.80 | -14.277 | -0.0054 | -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         | 3.23          | -5.164           | -0.0020               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -2.017           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -7.653           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -11.258          | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -10.571          | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -7.038           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -12.302          | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -8.254           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -9.985           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -11.358          | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -3.090           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 75            | 0      | 20         | 3.23          | -6.294           | -0.0024               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -8.426           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -1.373           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -7.195           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -6.709           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -3.848           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -7.968           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -0.830           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -0.472           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -8.340           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             | 2647.5          | 75            | 0      | 20         | 3.23          | -9.813           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -15.750          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -6.251           | -0.0024               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -12.045          | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -7.081           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -8.655           | -0.0033               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -1.302           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -6.094           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -0.944           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -10.128          | -0.0038               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 2562.5          | 75            | 0      | 20         | 3.23          | -5.579           | -0.0022               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -3.004           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -4.206           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -2.117           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -17.381          | -0.0068               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | 2.074            | 0.0008                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -3.505           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -11.530          | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -10.772          | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -0.815           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -5.865           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 75            | 0      | 20         | 3.23          | -10.643          | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -6.080           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -2.789           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -9.012           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -1.245           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -11.702          | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -1.888           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -3.691           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -4.892           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -13.204          | -0.0051               | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  | 2647.5 | 75 | 0 | 20  | 3.23 | 0.014   | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.80 | -12.589 | -0.0048 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.37 | -9.699  | -0.0037 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.80 | -6.337  | -0.0024 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.80 | -9.084  | -0.0034 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.80 | -16.494 | -0.0062 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.80 | -14.877 | -0.0056 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.80 | -14.820 | -0.0056 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.80 | -15.278 | -0.0058 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.80 | -9.942  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.80 | -4.778  | -0.0018 | -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         | 3.23          | -3.161           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -12.445          | -0.0049               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -4.120           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -7.668           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -5.536           | -0.0022               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -10.543          | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -9.928           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -8.998           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -7.968           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -6.809           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -7.253           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 100           | 0      | 20         | 3.23          | -7.482           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -4.034           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -10.257          | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | 1.273            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -7.210           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -6.108           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -7.997           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -13.590          | -0.0052               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | 0.916            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -3.405           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -1.030           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             | 2645            | 100           | 0      | 20         | 3.23          | -1.030           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -11.745          | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -6.537           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -10.986          | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -5.679           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -5.264           | -0.0020               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -1.588           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -7.725           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -5.679           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -4.792           | -0.0018               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 2565            | 100           | 0      | 20         | 3.23          | -5.736           | -0.0022               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -9.999           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -12.717          | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -2.003           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -5.779           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -4.277           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -5.822           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -2.117           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -6.638           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -10.829          | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -2.074           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             | 2605            | 100           | 0      | 20         | 3.23          | -4.892           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.80          | -7.768           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | -12.174          | -0.0047               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.80          | -2.346           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.80          | -6.037           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.80          | -13.433          | -0.0052               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.80          | -6.065           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.80          | -10.343          | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.80          | -7.310           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.80          | -12.517          | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.80          | -8.712           | -0.0033               | -2.5 to 2.5 | Pass    |

|  |      |     |   |     |      |         |         |             |      |
|--|------|-----|---|-----|------|---------|---------|-------------|------|
|  | 2645 | 100 | 0 | 20  | 3.23 | -10.142 | -0.0038 | -2.5 to 2.5 | Pass |
|  |      |     |   |     | 3.80 | -6.394  | -0.0024 | -2.5 to 2.5 | Pass |
|  |      |     |   |     | 4.37 | -8.655  | -0.0033 | -2.5 to 2.5 | Pass |
|  |      |     |   | -30 | 3.80 | -5.436  | -0.0021 | -2.5 to 2.5 | Pass |
|  |      |     |   | -20 | 3.80 | -6.094  | -0.0023 | -2.5 to 2.5 | Pass |
|  |      |     |   | -10 | 3.80 | -3.204  | -0.0012 | -2.5 to 2.5 | Pass |
|  |      |     |   | 0   | 3.80 | -9.112  | -0.0034 | -2.5 to 2.5 | Pass |
|  |      |     |   | 10  | 3.80 | -3.004  | -0.0011 | -2.5 to 2.5 | Pass |
|  |      |     |   | 30  | 3.80 | -4.306  | -0.0016 | -2.5 to 2.5 | Pass |
|  |      |     |   | 40  | 3.80 | -5.264  | -0.0020 | -2.5 to 2.5 | Pass |
|  |      |     |   | 50  | 3.80 | 2.275   | 0.0009  | -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

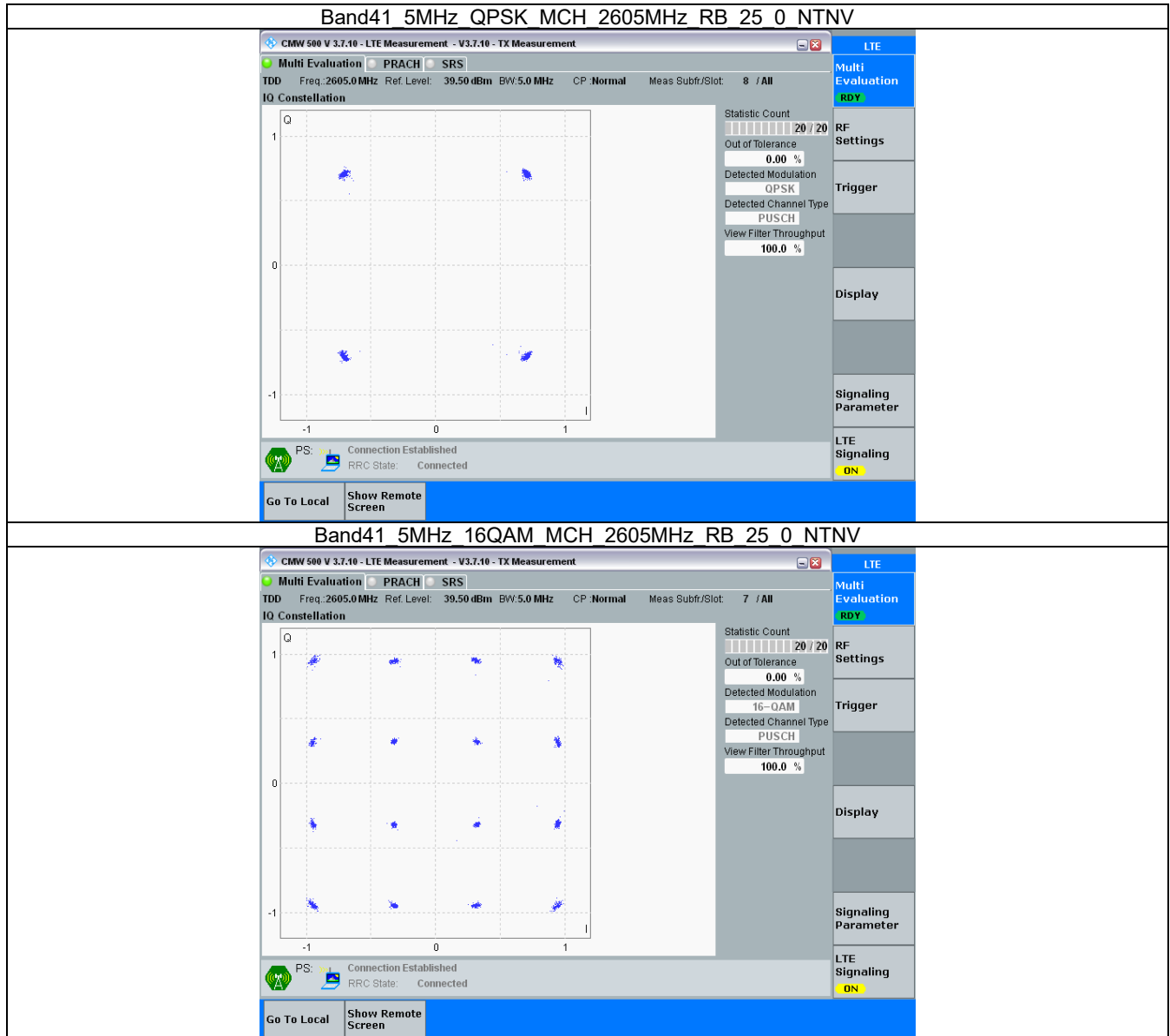
| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (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

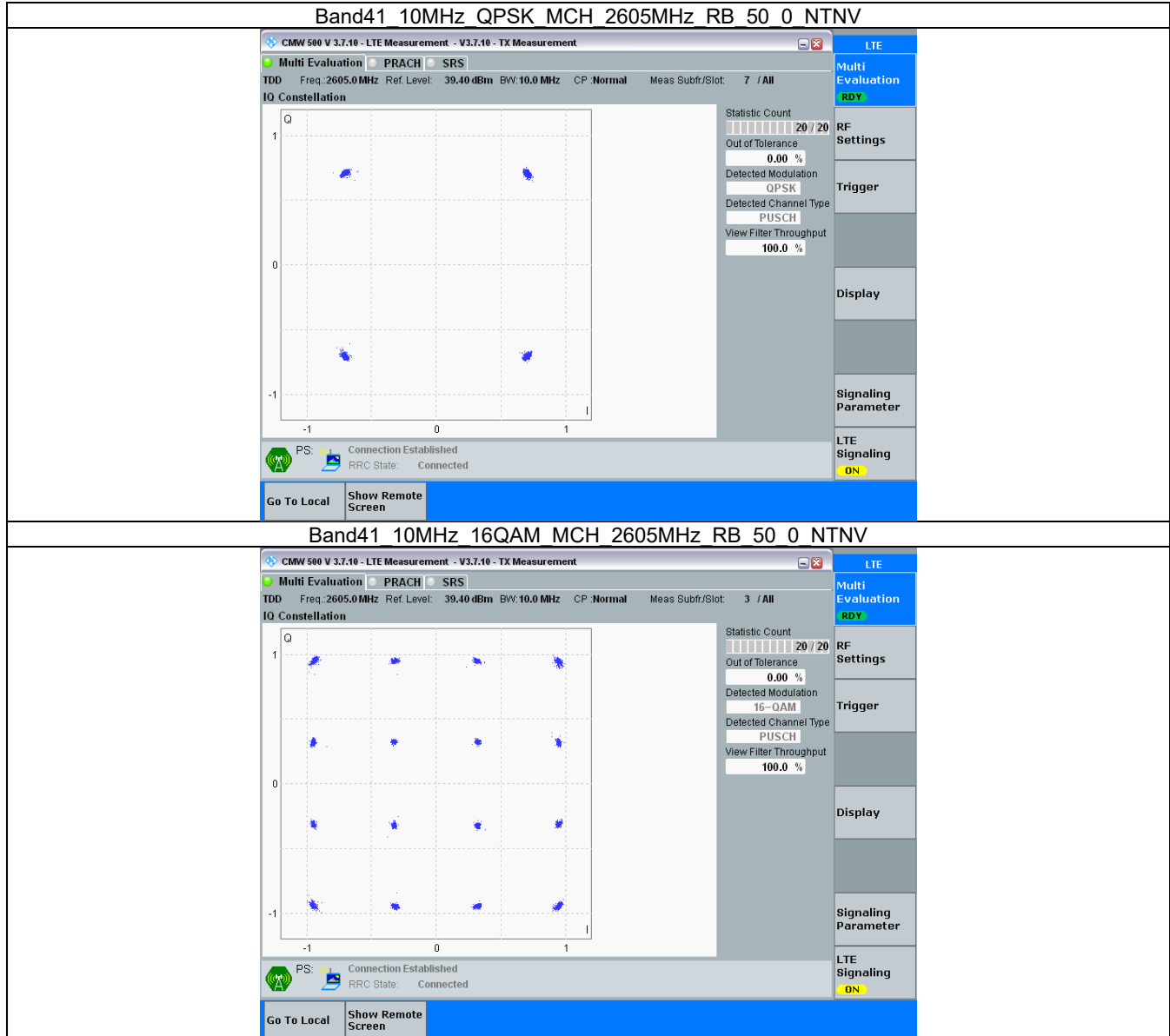
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (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

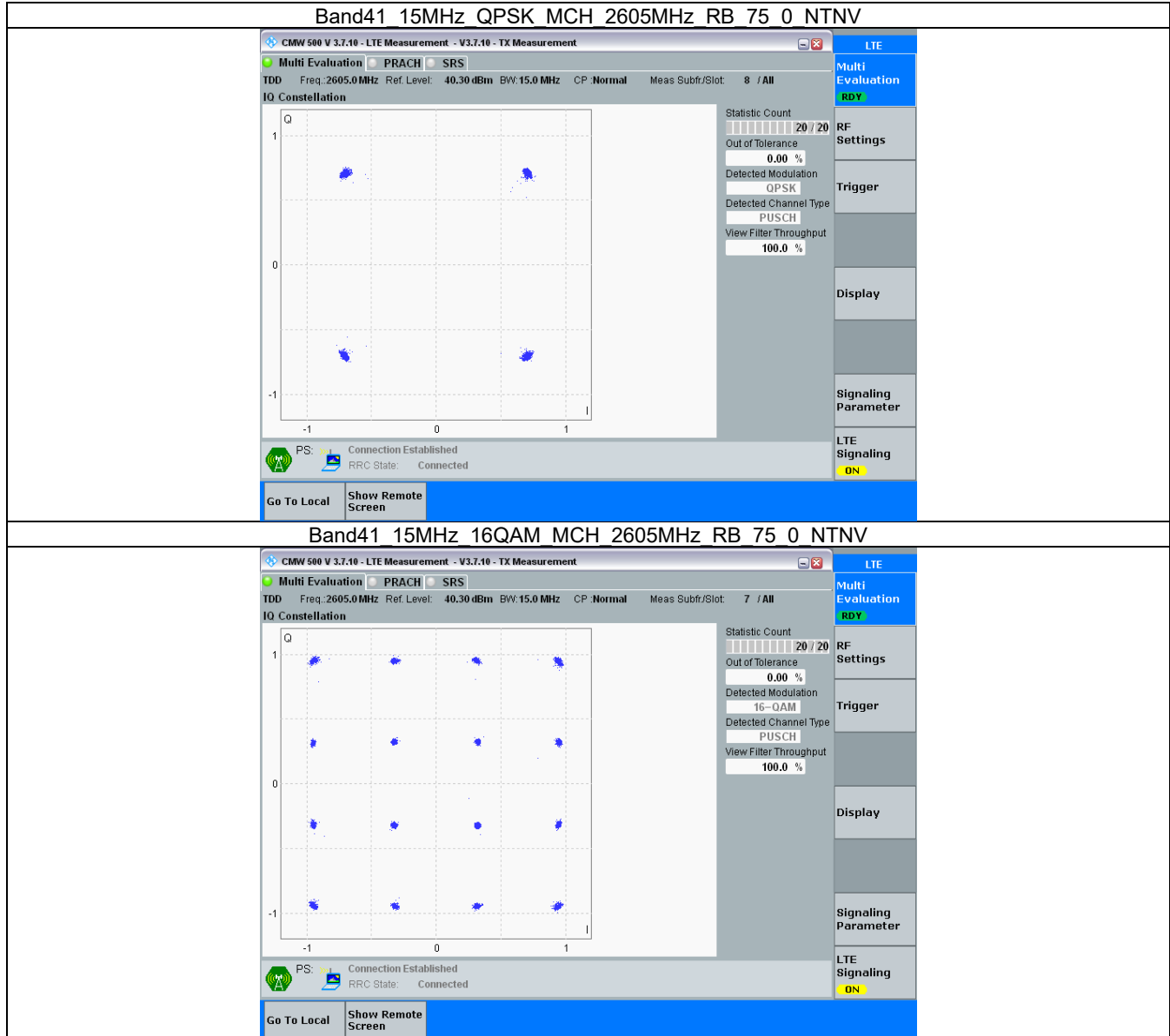
### 3.2.1 B41\_5MHz



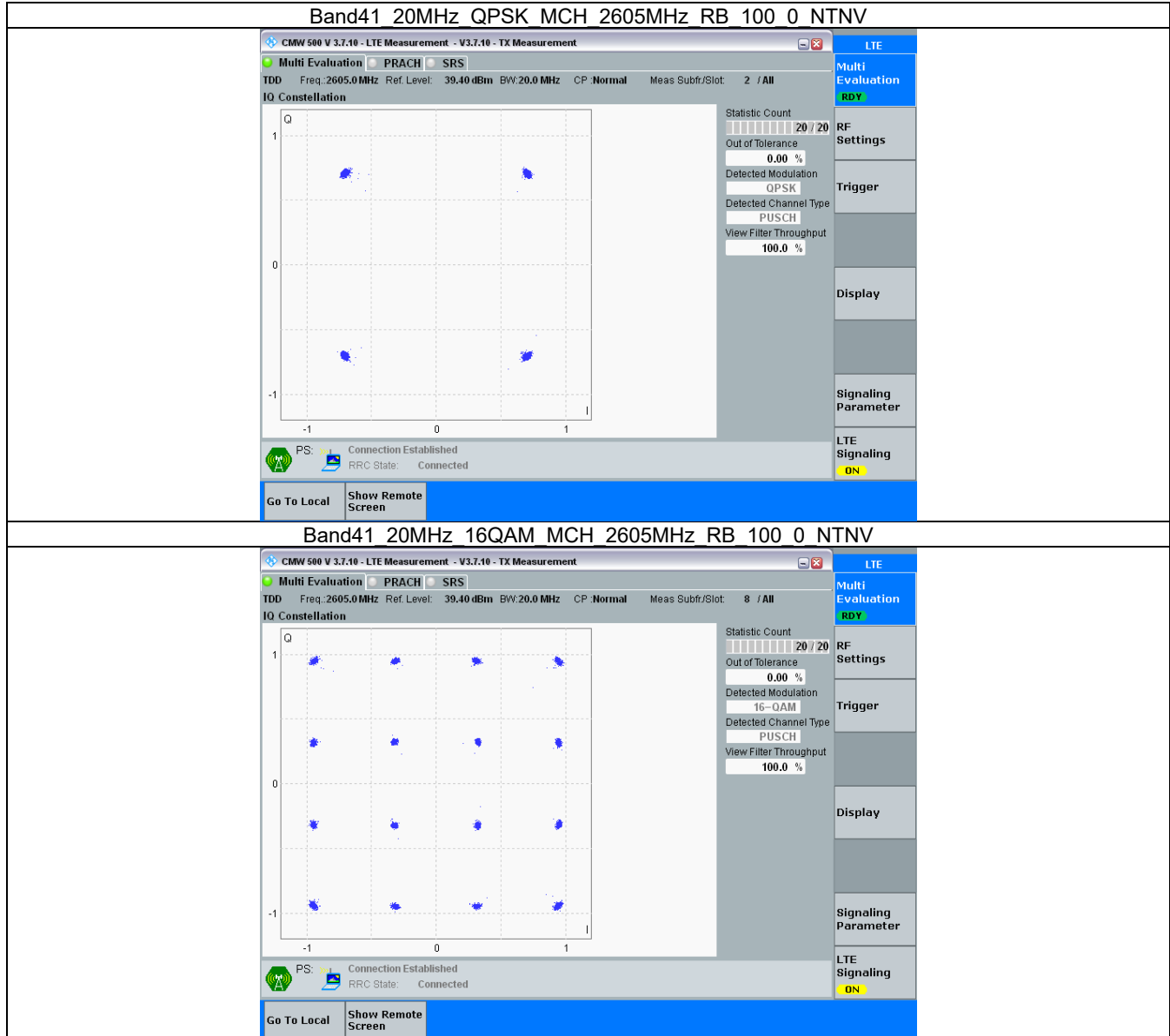
### 3.2.2 B41\_10MHz



### 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      | 4.527                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.541                        | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 4.543                        | /     | Pass    |
|                 | 16QAM      | 2557.5          | 25            | 0      | 4.537                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.527                        | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 4.572                        | /     | Pass    |
| 10              | QPSK       | 2560            | 50            | 0      | 9.053                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.040                        | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 9.064                        | /     | Pass    |
|                 | 16QAM      | 2560            | 50            | 0      | 9.057                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.049                        | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 9.071                        | /     | Pass    |
| 15              | QPSK       | 2562.5          | 75            | 0      | 13.537                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.570                       | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 13.597                       | /     | Pass    |
|                 | 16QAM      | 2562.5          | 75            | 0      | 13.618                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.627                       | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 13.557                       | /     | Pass    |
| 20              | QPSK       | 2565            | 100           | 0      | 18.111                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.077                       | /     | Pass    |
|                 |            | 2645            | 100           | 0      | 18.108                       | /     | Pass    |
|                 | 16QAM      | 2565            | 100           | 0      | 18.090                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.087                       | /     | Pass    |
|                 |            | 2645            | 100           | 0      | 18.084                       | /     | Pass    |

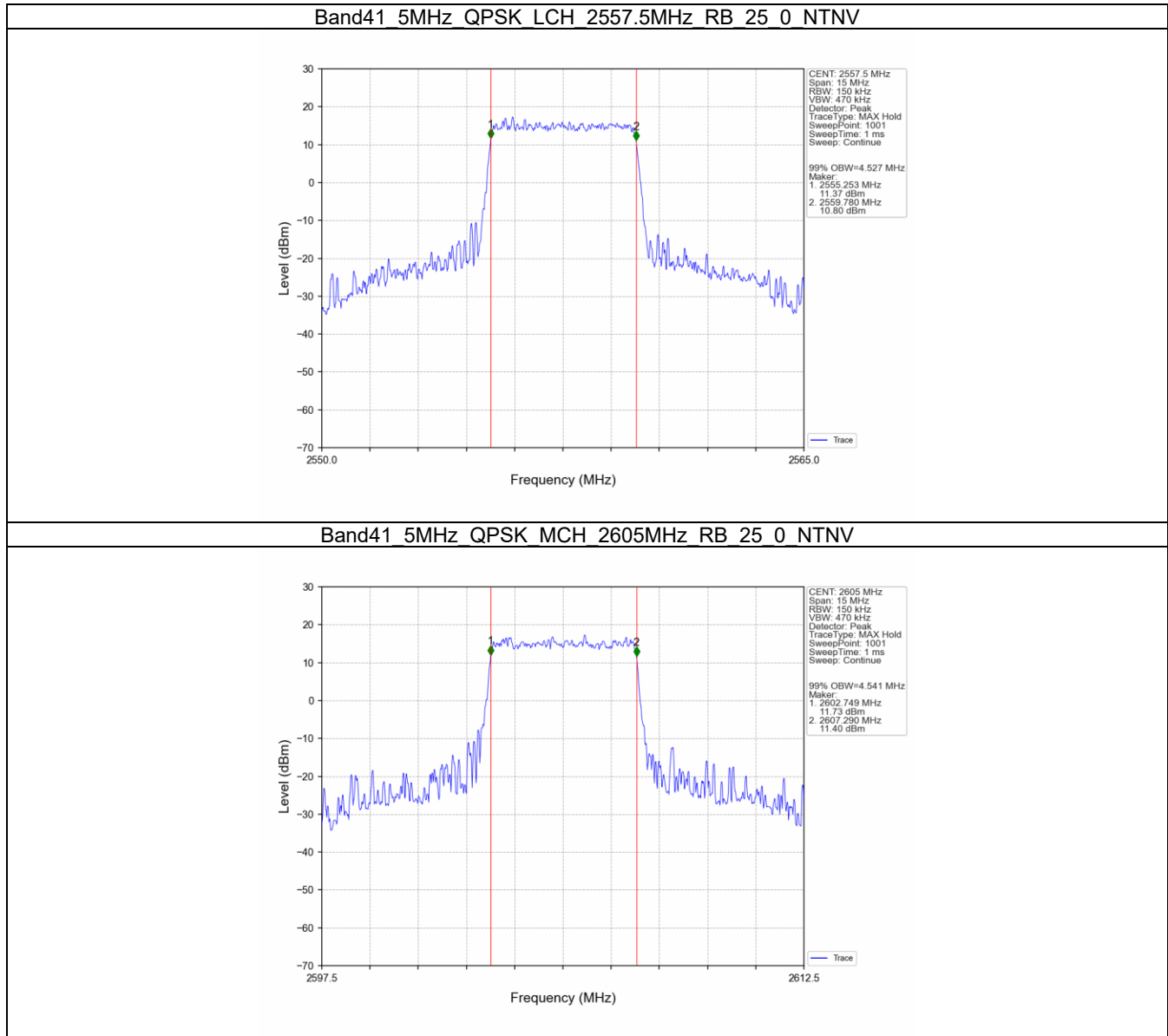
#### 4.1.2 Band41\_XDB

| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2557.5          | 25            | 0      | 5.008                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 5.193                | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 4.967                | /     | Pass    |
|                 | 16QAM      | 2557.5          | 25            | 0      | 5.324                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.983                | /     | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.176                | /     | Pass    |
| 10              | QPSK       | 2560            | 50            | 0      | 10.005               | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 10.129               | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 10.702               | /     | Pass    |
|                 | 16QAM      | 2560            | 50            | 0      | 11.145               | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 10.346               | /     | Pass    |
|                 |            | 2650            | 50            | 0      | 10.123               | /     | Pass    |
| 15              | QPSK       | 2562.5          | 75            | 0      | 14.901               | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 15.195               | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 15.068               | /     | Pass    |
|                 | 16QAM      | 2562.5          | 75            | 0      | 17.261               | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 15.575               | /     | Pass    |
|                 |            | 2647.5          | 75            | 0      | 16.423               | /     | Pass    |
| 20              | QPSK       | 2565            | 100           | 0      | 20.172               | /     | Pass    |

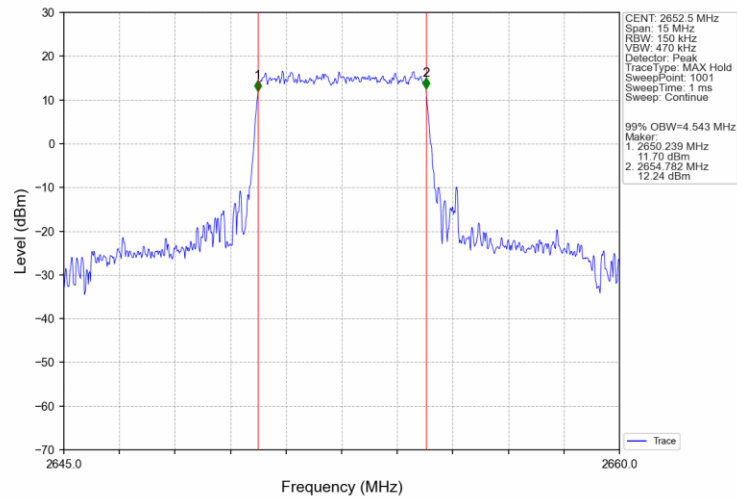
|  |       |      |     |   |        |   |      |
|--|-------|------|-----|---|--------|---|------|
|  |       | 2605 | 100 | 0 | 20.458 | / | Pass |
|  |       | 2645 | 100 | 0 | 19.694 | / | Pass |
|  | 16QAM | 2565 | 100 | 0 | 19.775 | / | Pass |
|  |       | 2605 | 100 | 0 | 20.223 | / | Pass |
|  |       | 2645 | 100 | 0 | 20.457 | / | Pass |

## 4.2 Test Graph

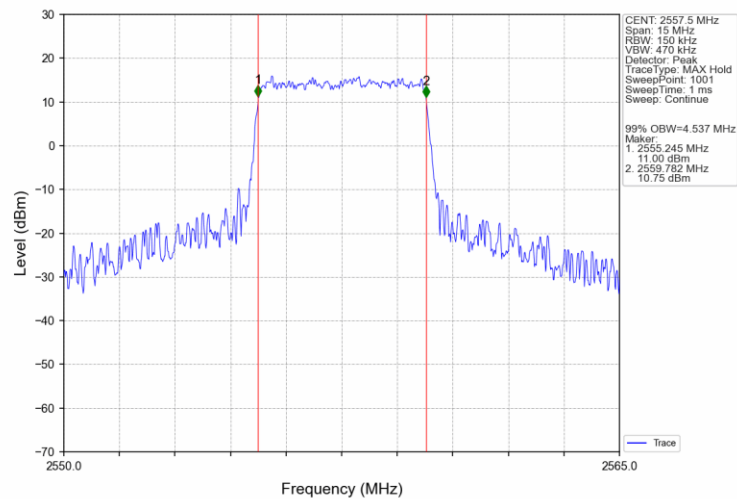
### 4.2.1 Band41\_OBW



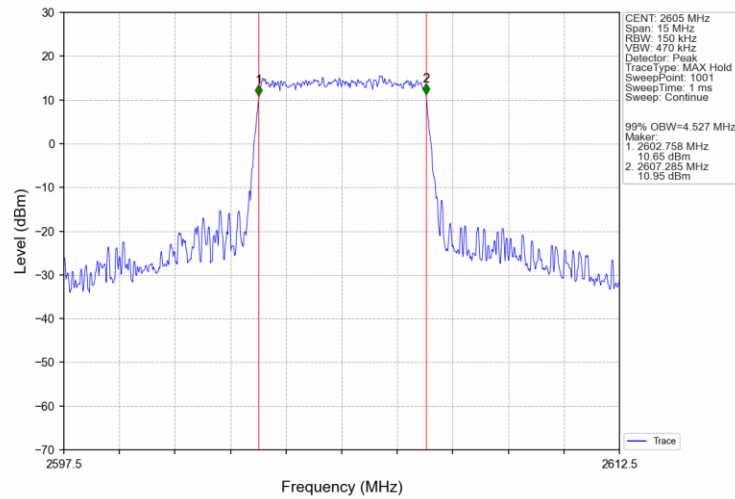
Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



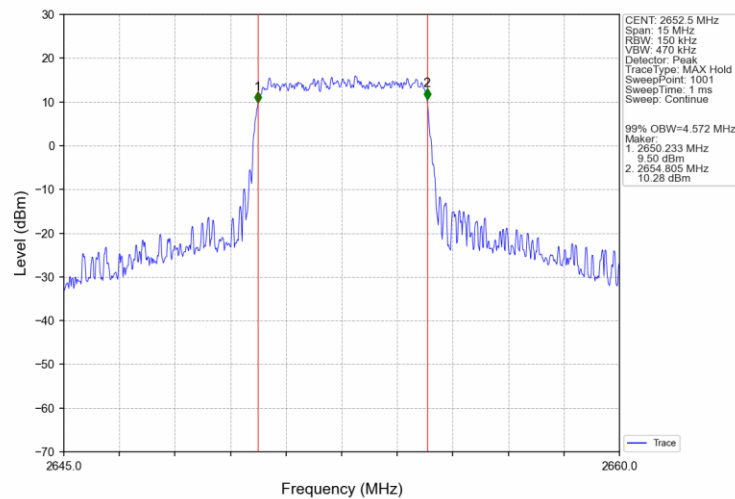
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



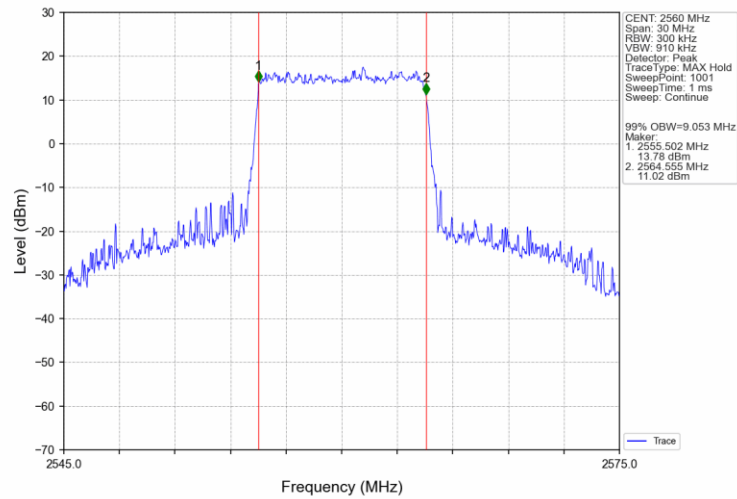
Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



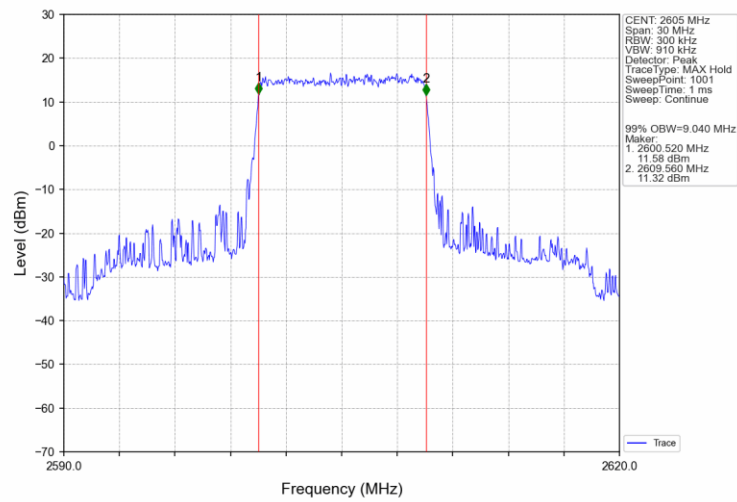
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



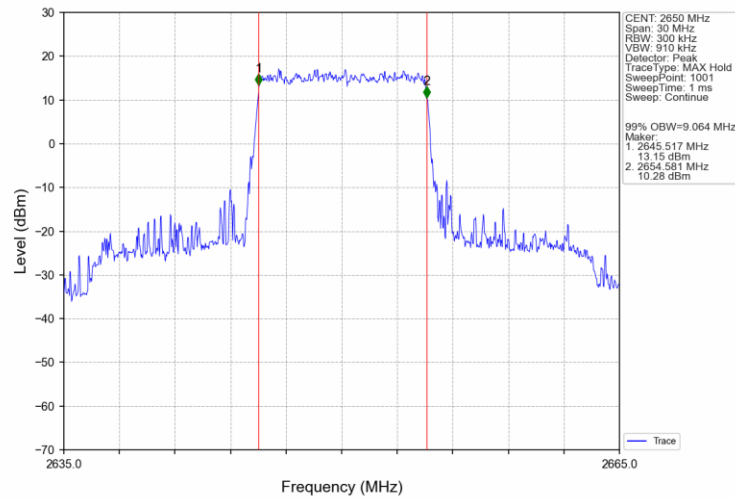
Band41\_10MHz\_QPSK\_LCH\_2560MHz\_RB\_50\_0\_NTNV



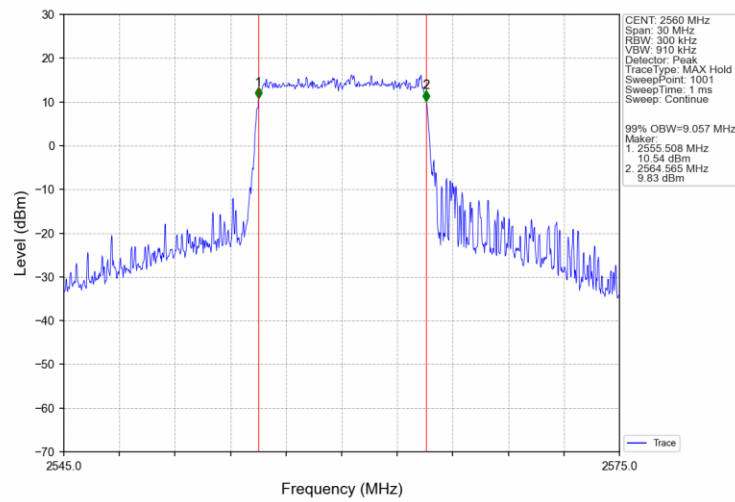
Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



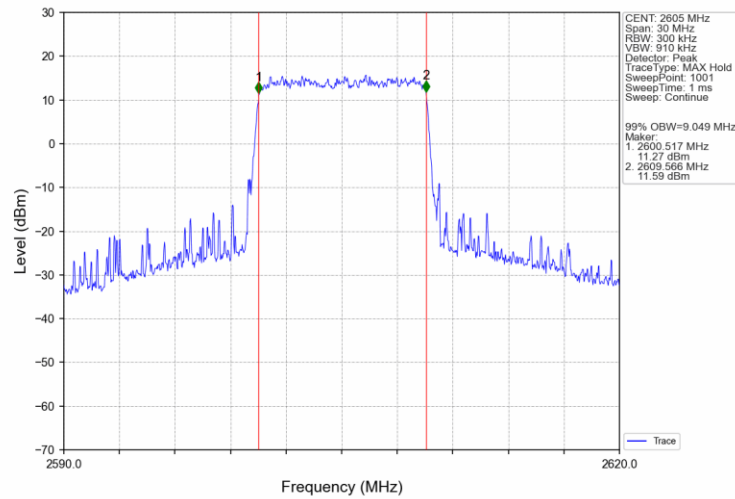
### Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



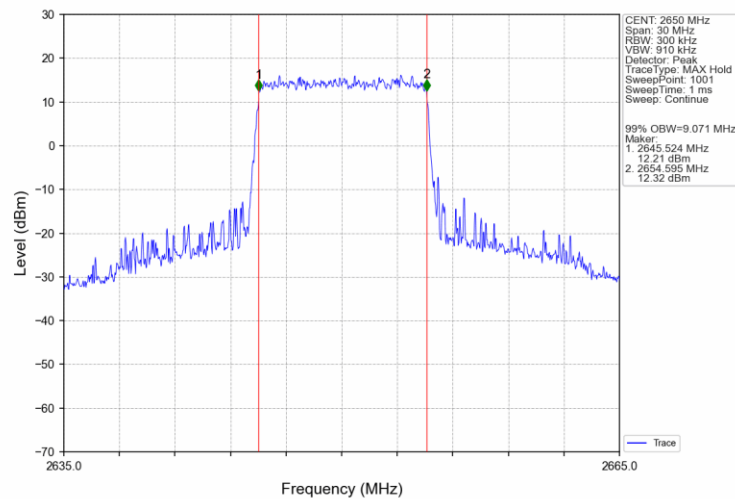
### Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



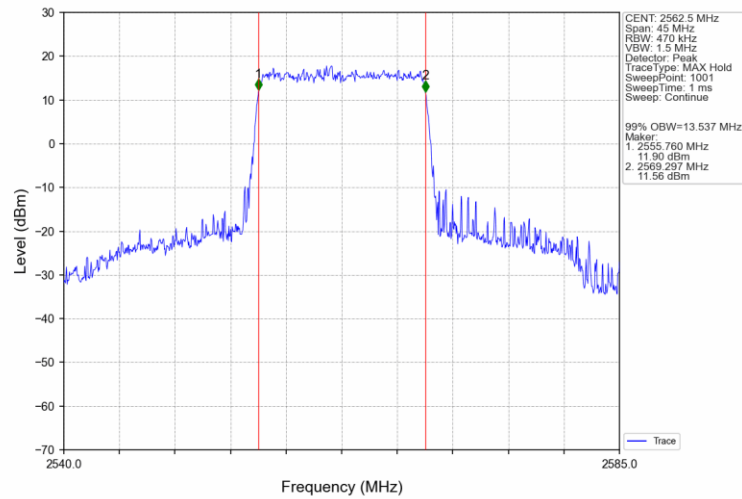
Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



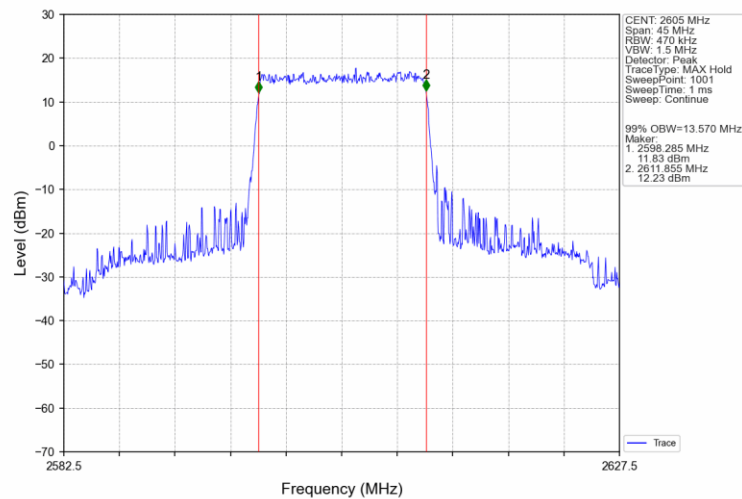
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



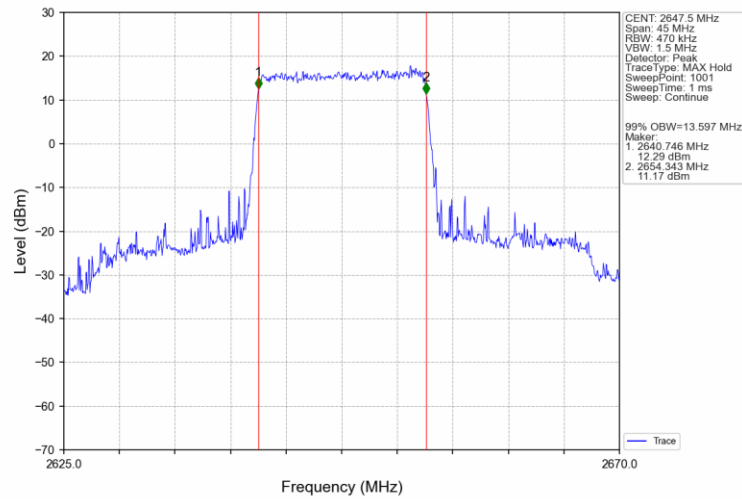
Band41\_15MHz\_QPSK\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



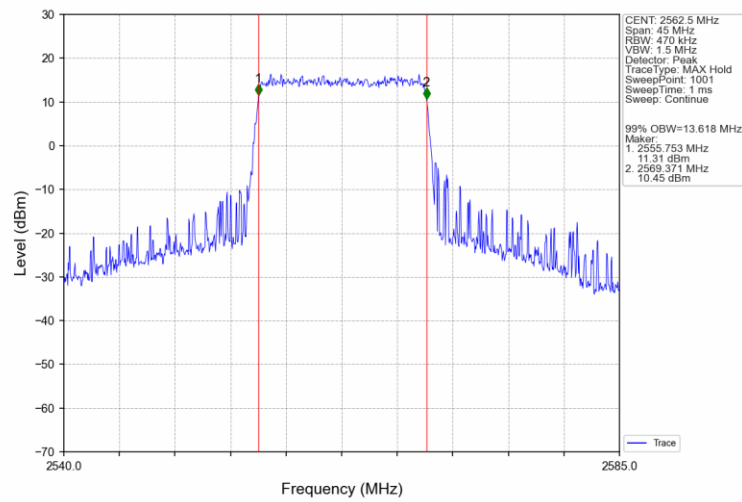
Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



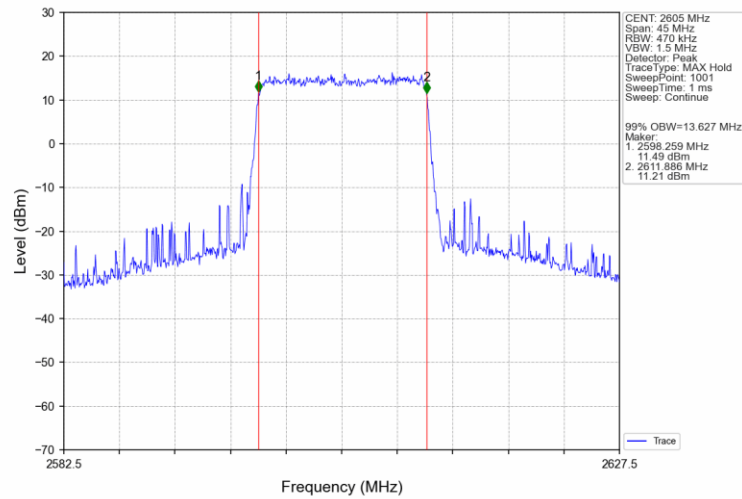
### Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



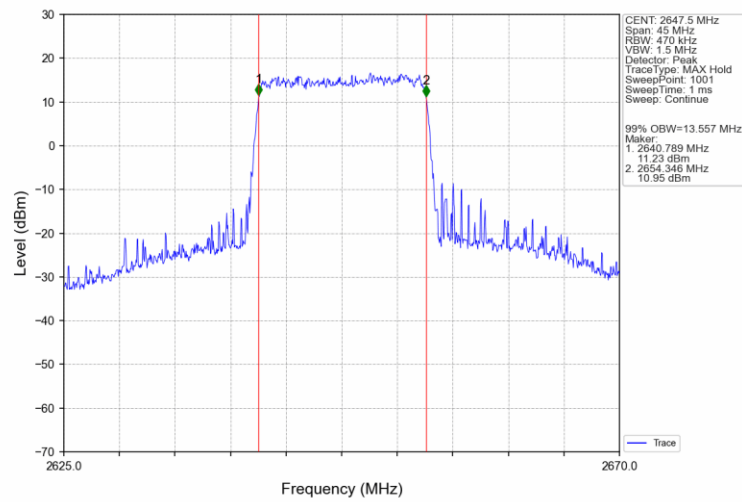
### Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



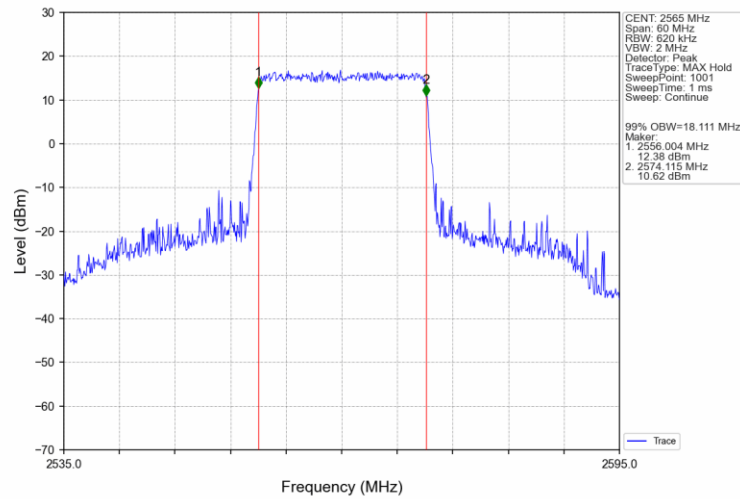
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



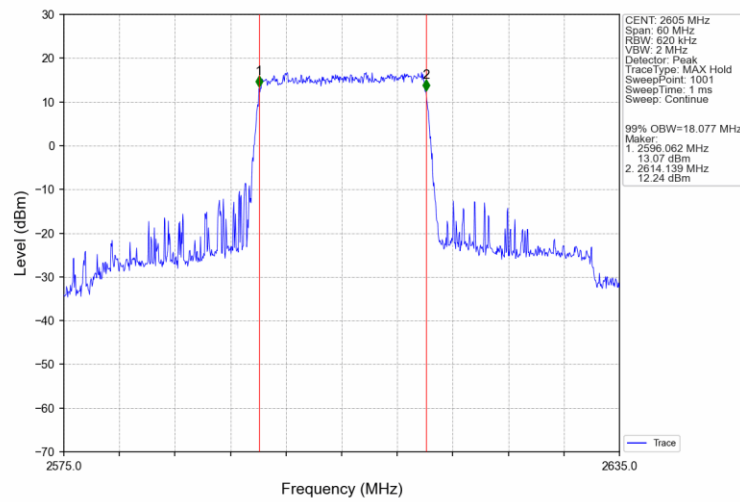
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



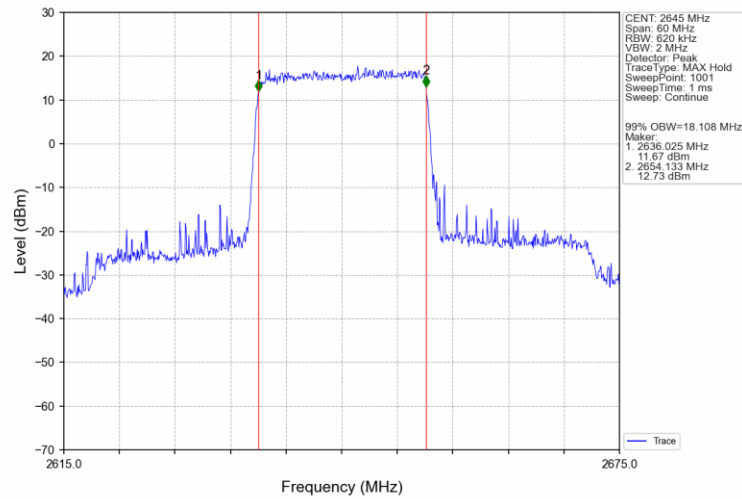
Band41\_20MHz\_QPSK\_LCH\_2565MHz\_RB\_100\_0\_NTNV



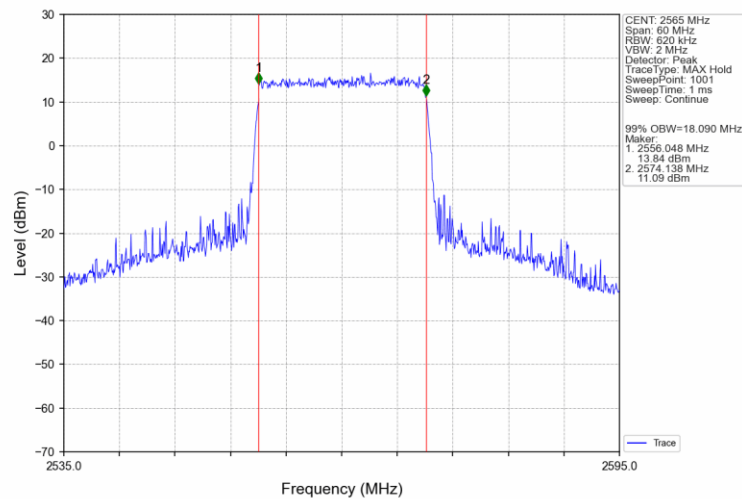
Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



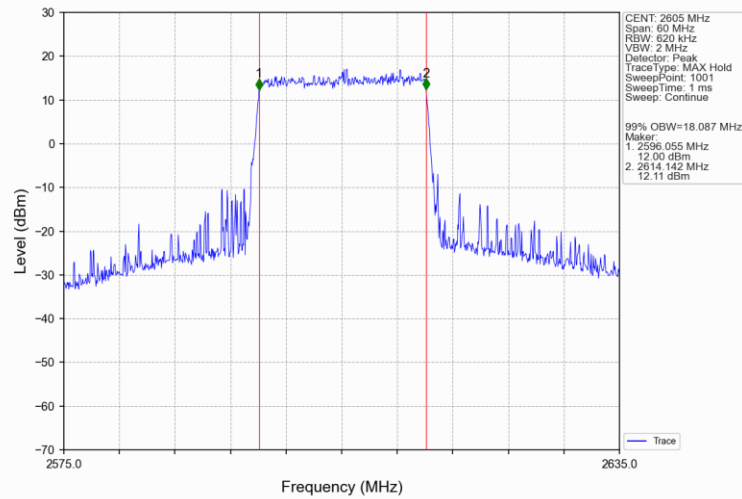
### Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



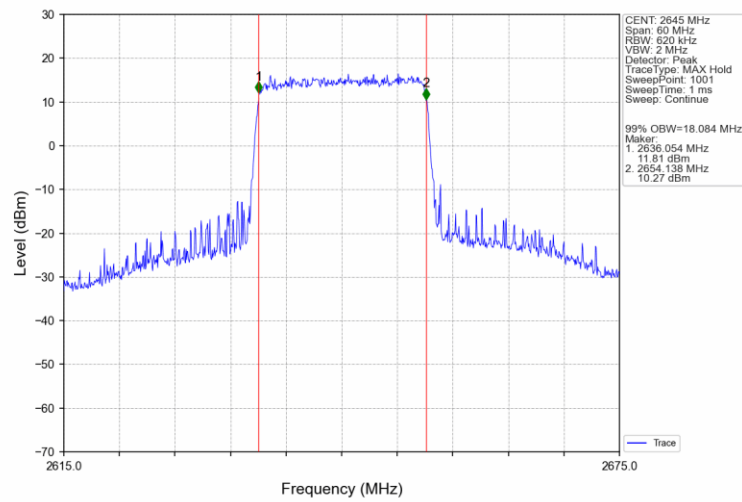
### Band41\_20MHz\_16QAM\_LCH\_2565MHz\_RB\_100\_0\_NTNV



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

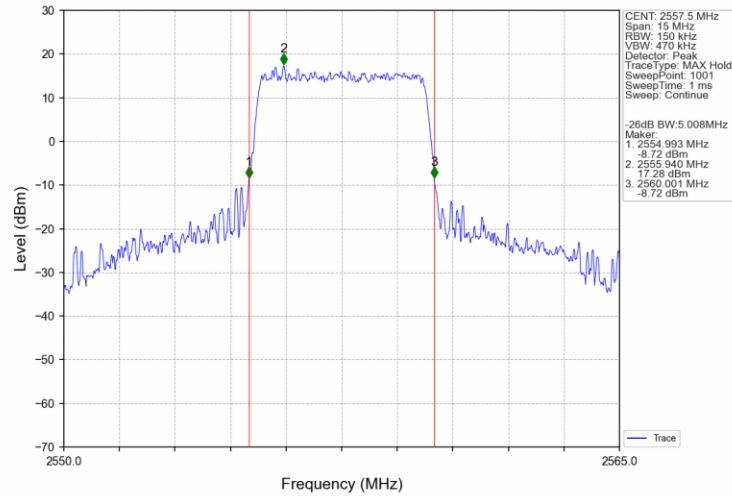


Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV

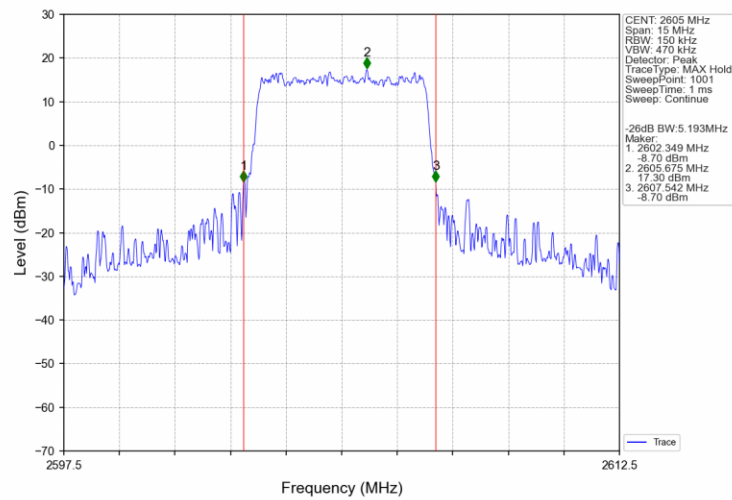


## 4.2.2 Band41\_XDB

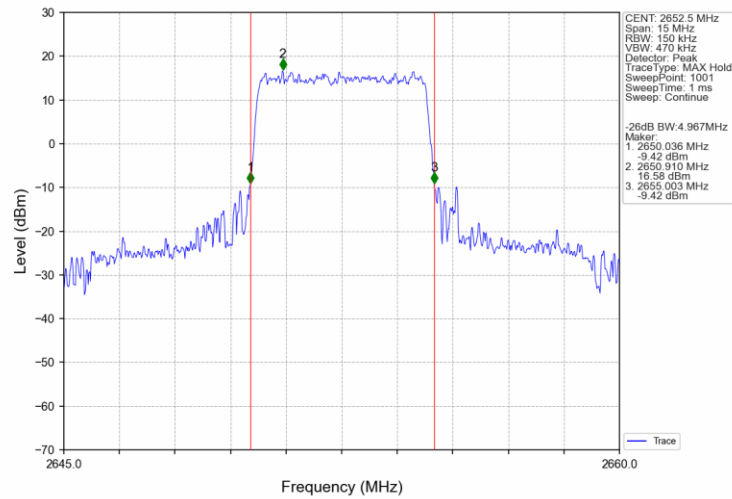
Band41 5MHz QPSK LCH 2557.5MHz RB 25 0 NTNV



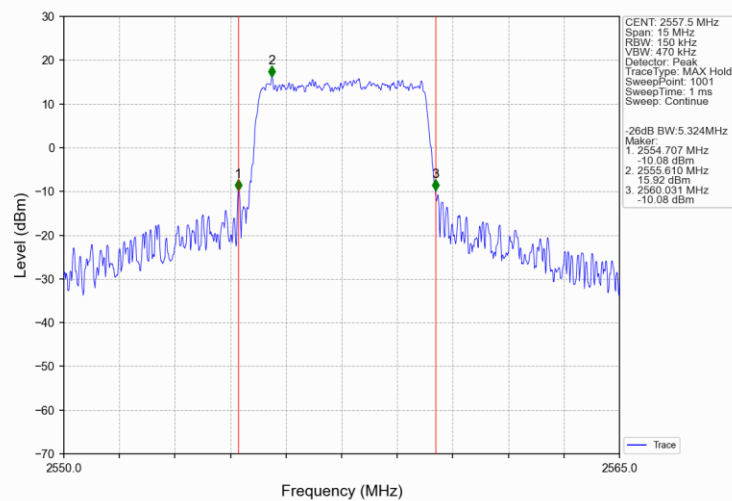
Band41 5MHz QPSK MCH 2605MHz RB 25 0 NTNV



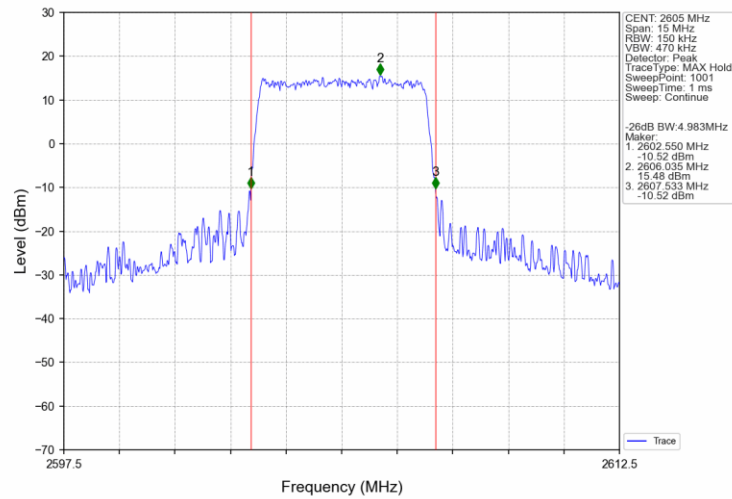
Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



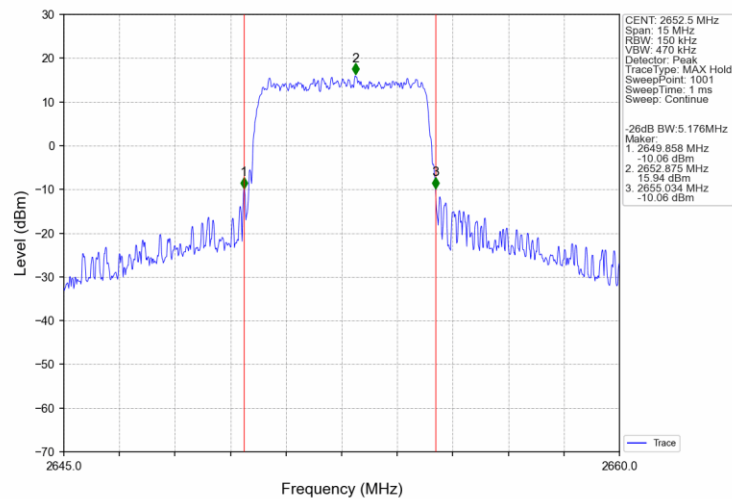
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



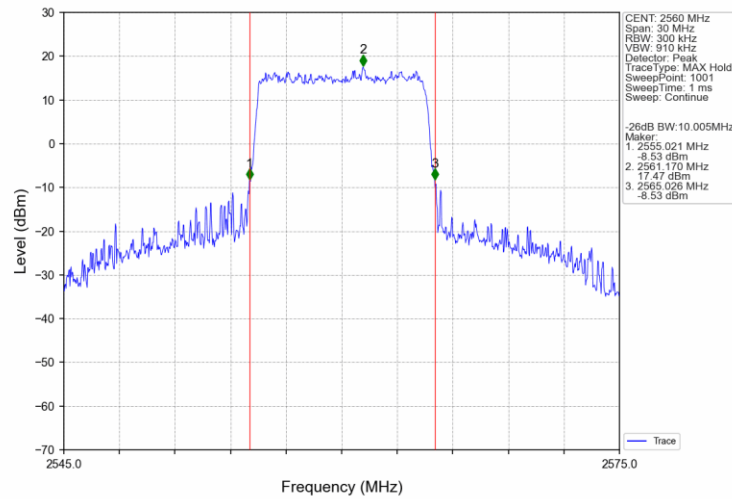
Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



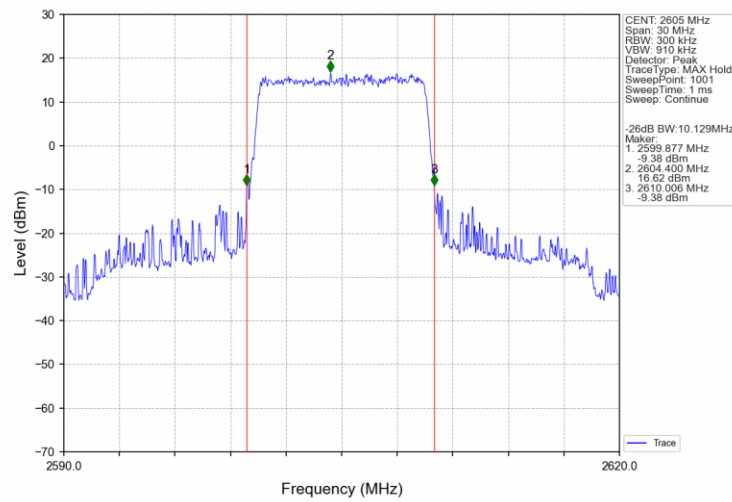
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



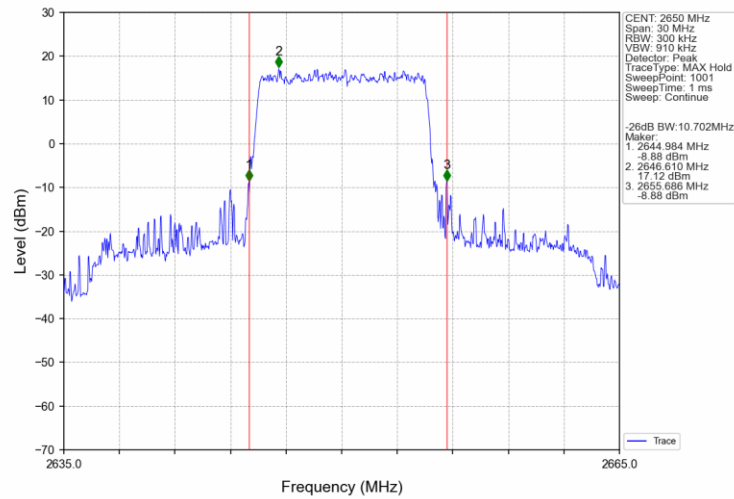
Band41\_10MHz\_QPSK\_LCH\_2560MHz\_RB\_50\_0\_NTNV



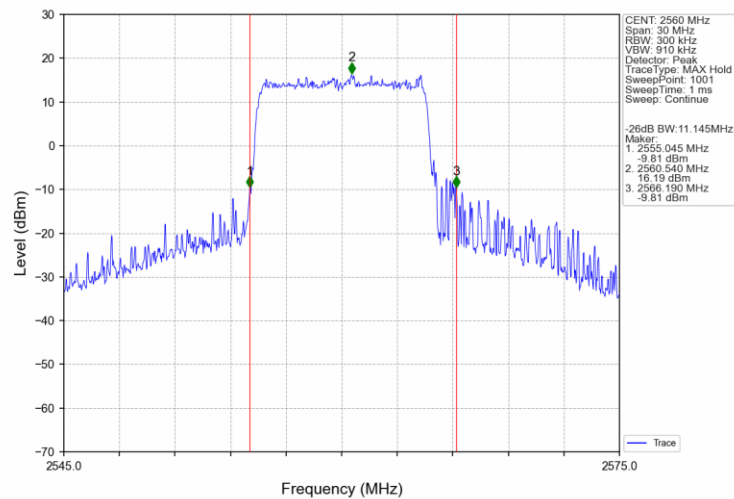
Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



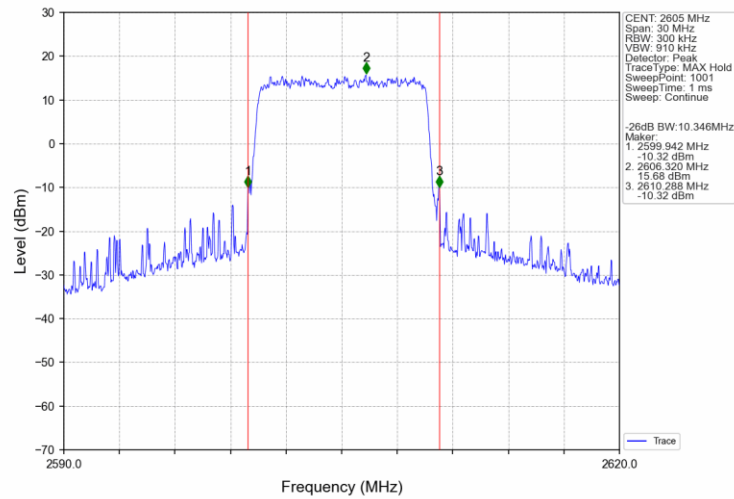
Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



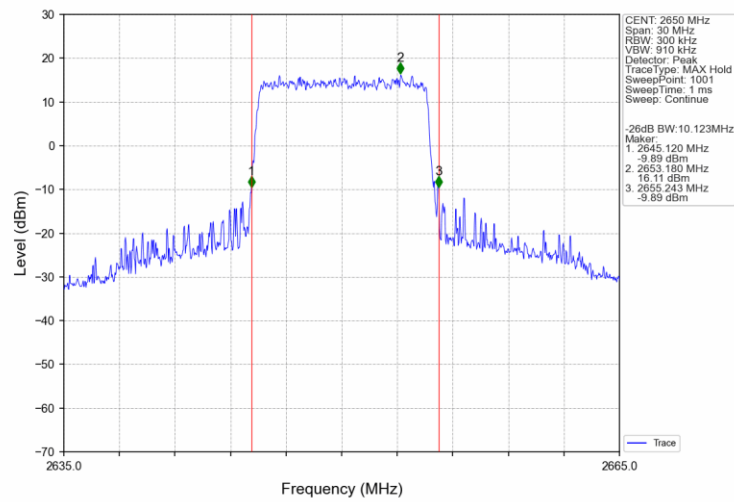
Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



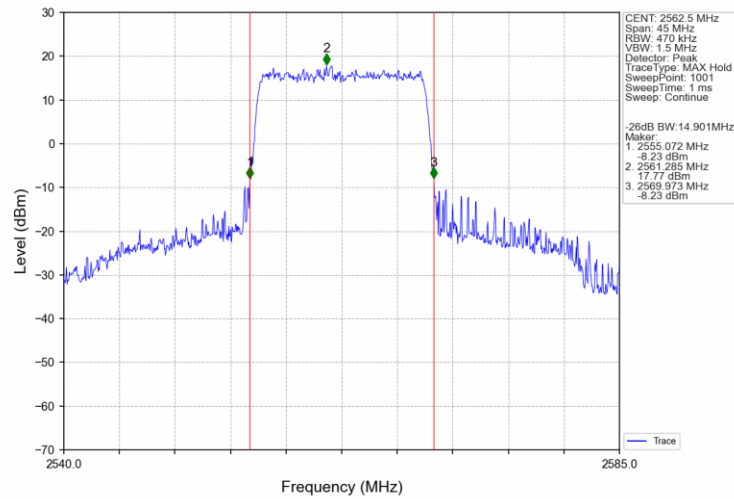
Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



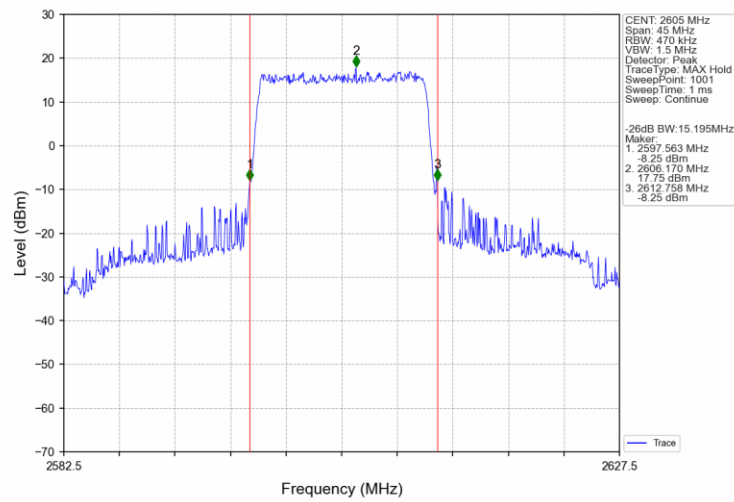
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



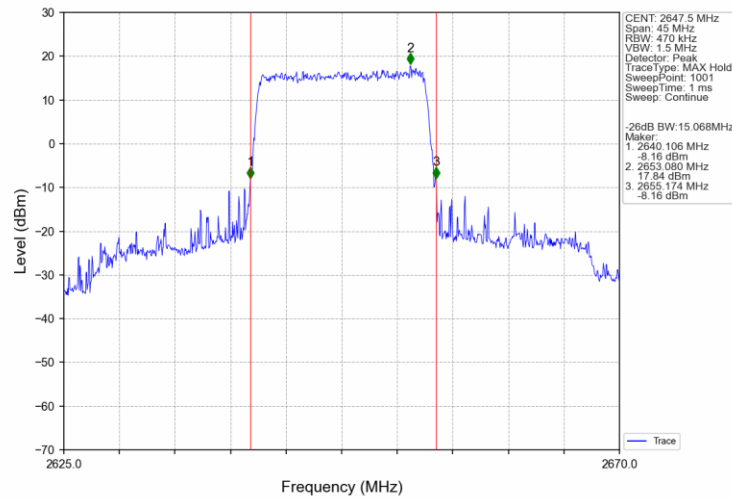
### Band41\_15MHz\_QPSK\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



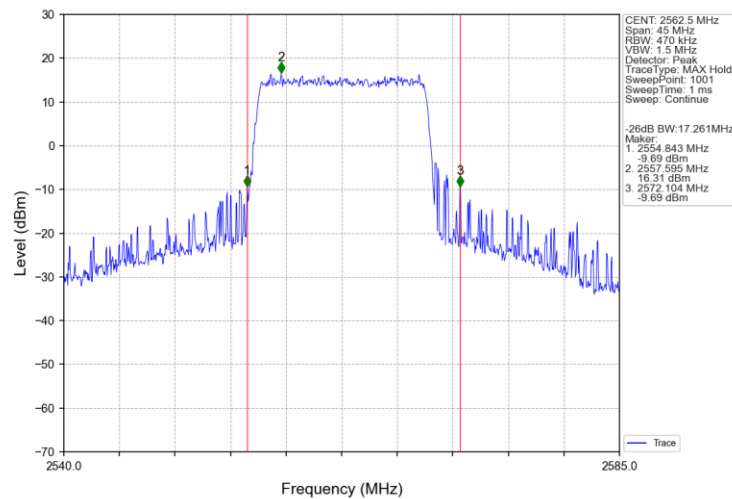
### Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



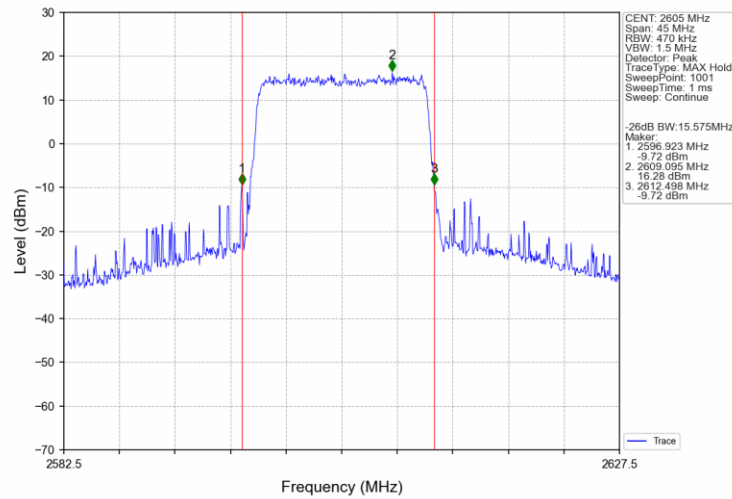
Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



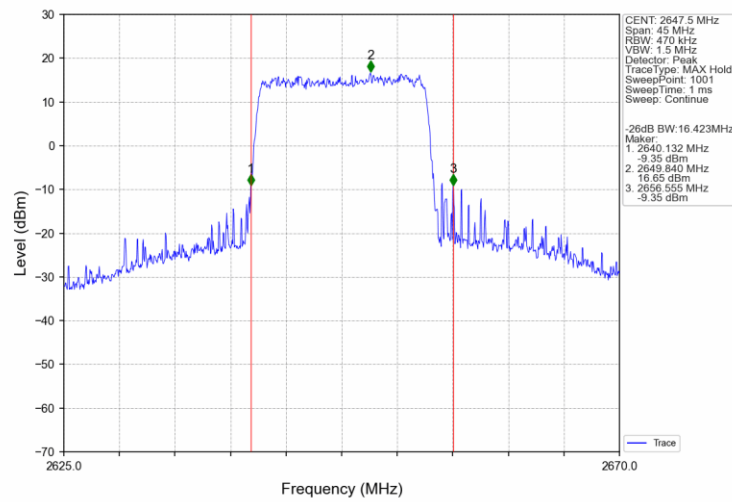
Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



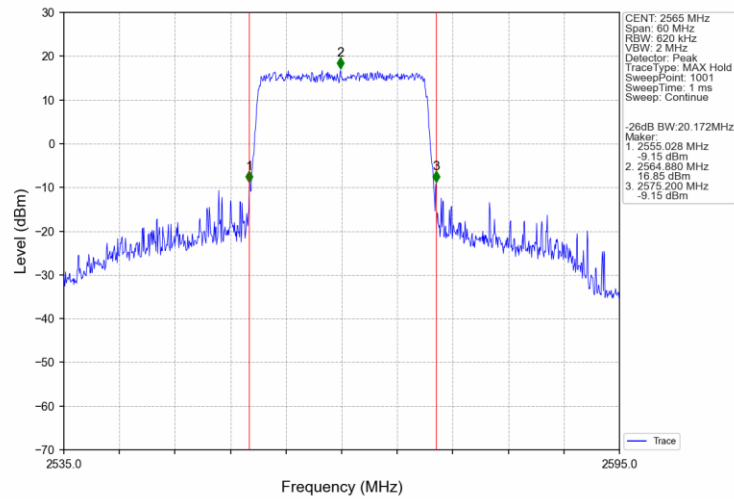
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



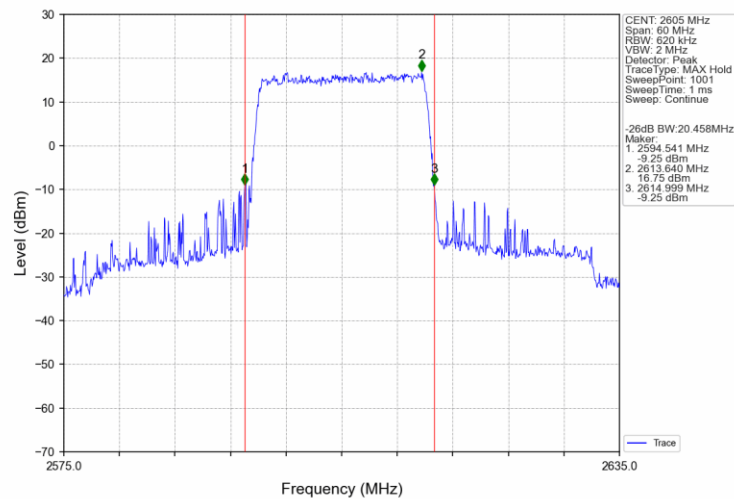
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



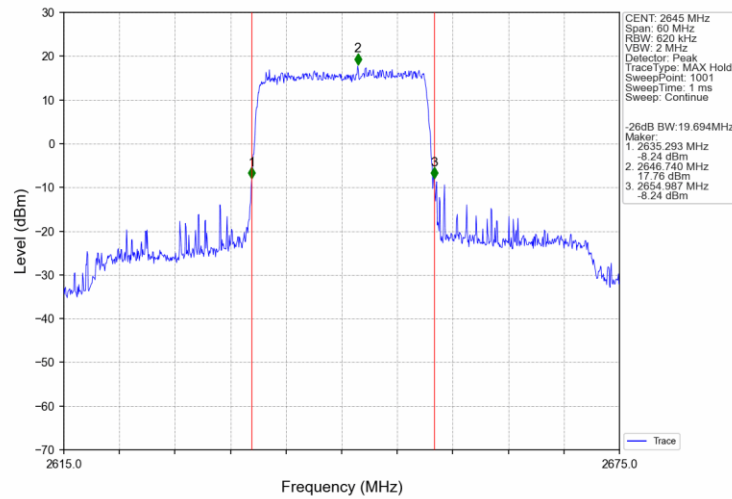
Band41\_20MHz\_QPSK\_LCH\_2565MHz\_RB\_100\_0\_NTNV



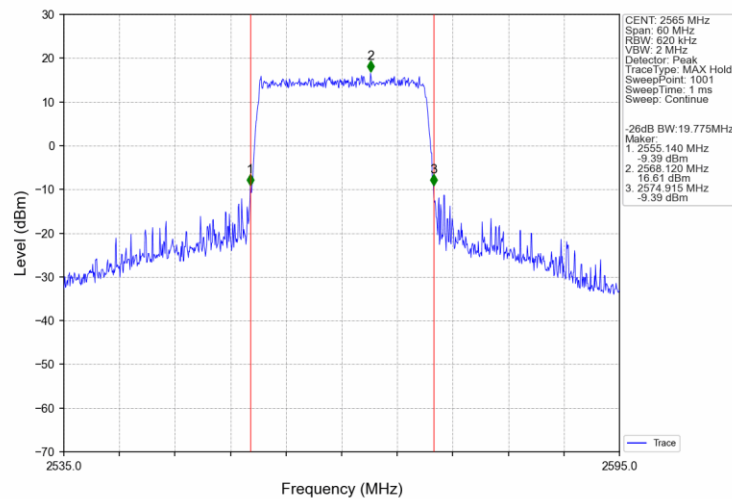
Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



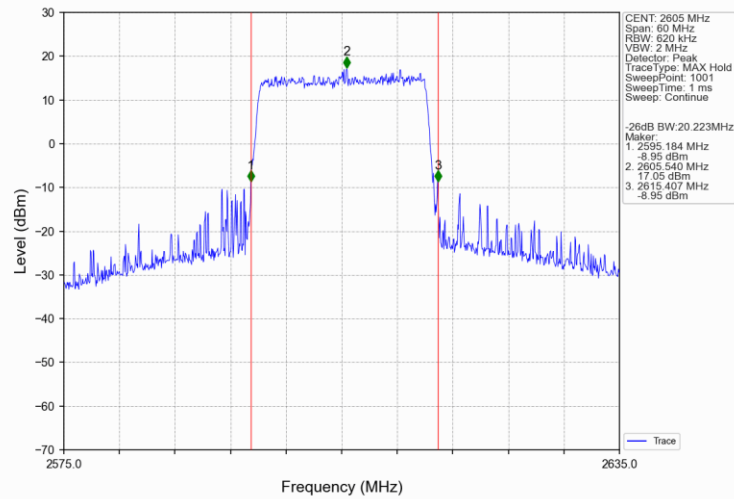
### Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



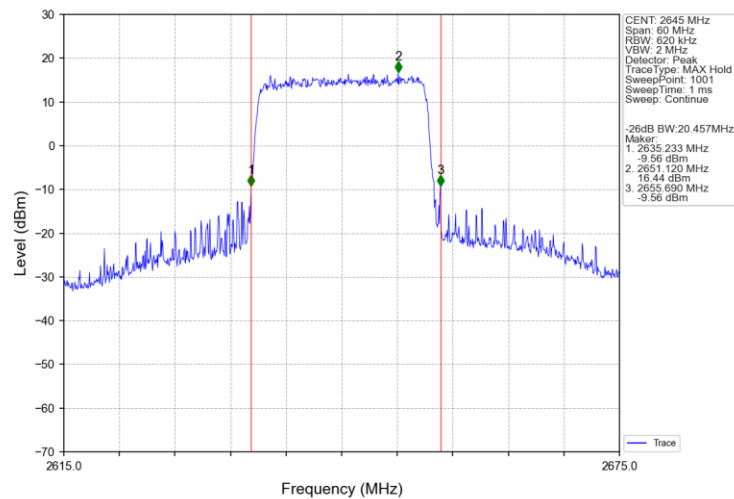
### Band41\_20MHz\_16QAM\_LCH\_2565MHz\_RB\_100\_0\_NTNV



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      | 7.29                    | <=13  | Pass    |
|                                   | 2605            | 25            | 0      | 7.49                    | <=13  | Pass    |
|                                   | 2652.5          | 25            | 0      | 7.42                    | <=13  | Pass    |
| 16QAM                             | 2557.5          | 25            | 0      | 8.05                    | <=13  | Pass    |
|                                   | 2605            | 25            | 0      | 8.13                    | <=13  | Pass    |
|                                   | 2652.5          | 25            | 0      | 8.12                    | <=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      | 7.40                    | <=13  | Pass    |
|                                    | 2605            | 50            | 0      | 7.54                    | <=13  | Pass    |
|                                    | 2650            | 50            | 0      | 7.52                    | <=13  | Pass    |
| 16QAM                              | 2560            | 50            | 0      | 8.16                    | <=13  | Pass    |
|                                    | 2605            | 50            | 0      | 8.20                    | <=13  | Pass    |
|                                    | 2650            | 50            | 0      | 8.12                    | <=13  | Pass    |

#### 5.1.3 B41\_15MHz

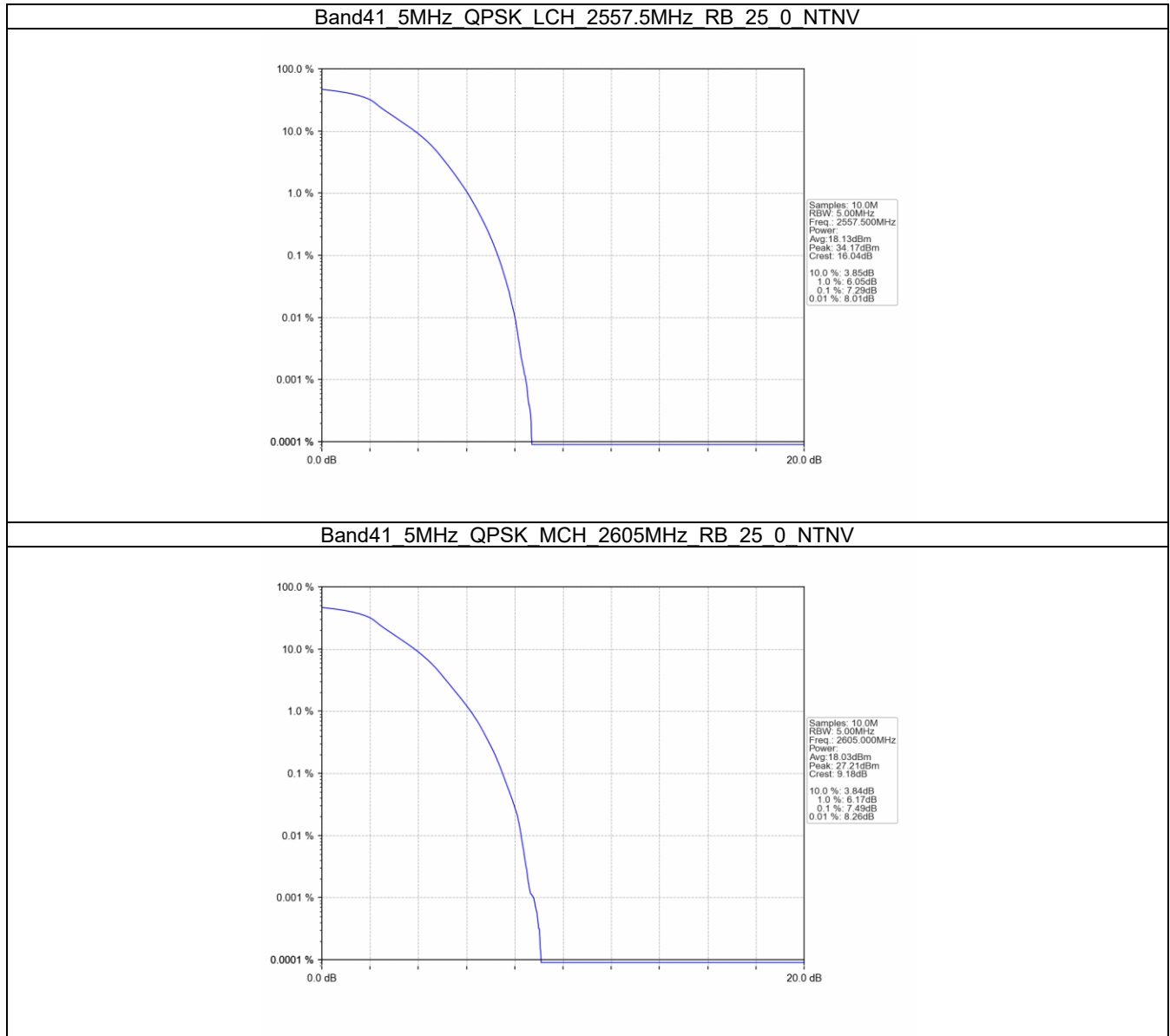
| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2562.5          | 75            | 0      | 7.08                    | <=13  | Pass    |
|                                    | 2605            | 75            | 0      | 7.14                    | <=13  | Pass    |
|                                    | 2647.5          | 75            | 0      | 7.26                    | <=13  | Pass    |
| 16QAM                              | 2562.5          | 75            | 0      | 8.19                    | <=13  | Pass    |
|                                    | 2605            | 75            | 0      | 8.12                    | <=13  | Pass    |
|                                    | 2647.5          | 75            | 0      | 8.12                    | <=13  | Pass    |

#### 5.1.4 B41\_20MHz

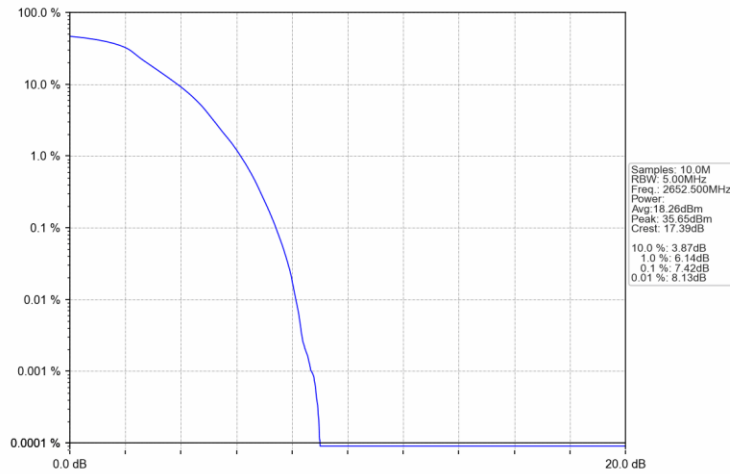
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2565            | 100           | 0      | 7.70                    | <=13  | Pass    |
|                                    | 2605            | 100           | 0      | 7.69                    | <=13  | Pass    |
|                                    | 2645            | 100           | 0      | 7.70                    | <=13  | Pass    |
| 16QAM                              | 2565            | 100           | 0      | 8.58                    | <=13  | Pass    |
|                                    | 2605            | 100           | 0      | 8.54                    | <=13  | Pass    |
|                                    | 2645            | 100           | 0      | 8.73                    | <=13  | Pass    |

## 5.2 Test Graph

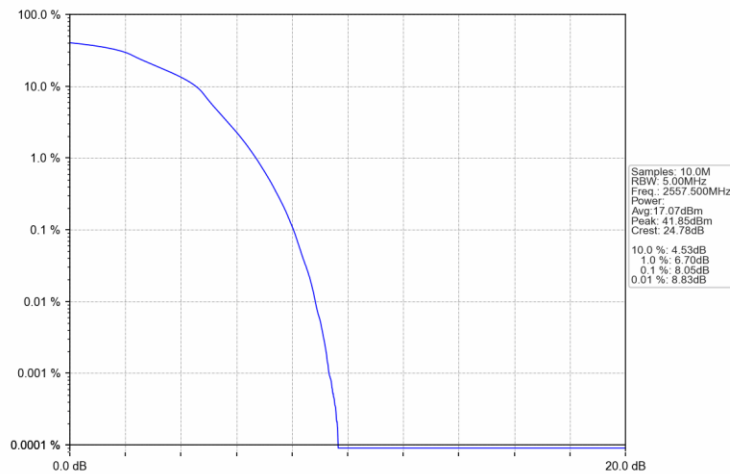
### 5.2.1 B41\_5MHz



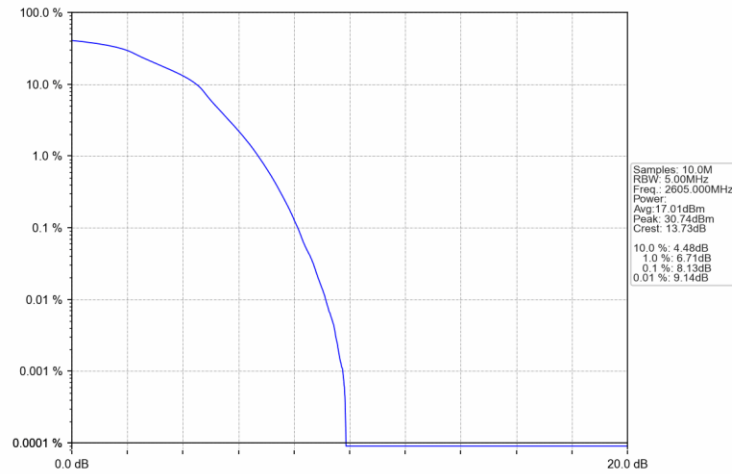
Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



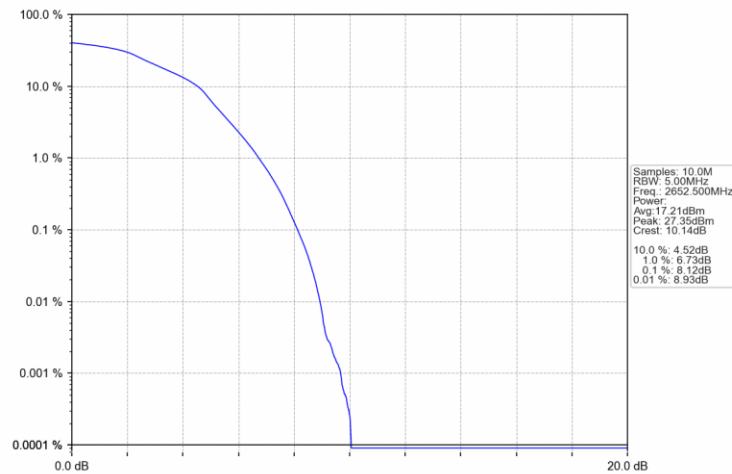
Band41\_5MHz\_16QAM\_LCH\_2557.5MHz\_RB\_25\_0\_NTNV



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

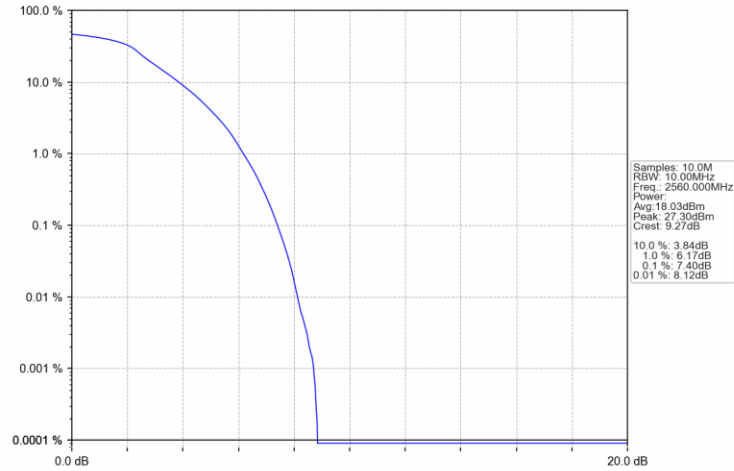


Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV

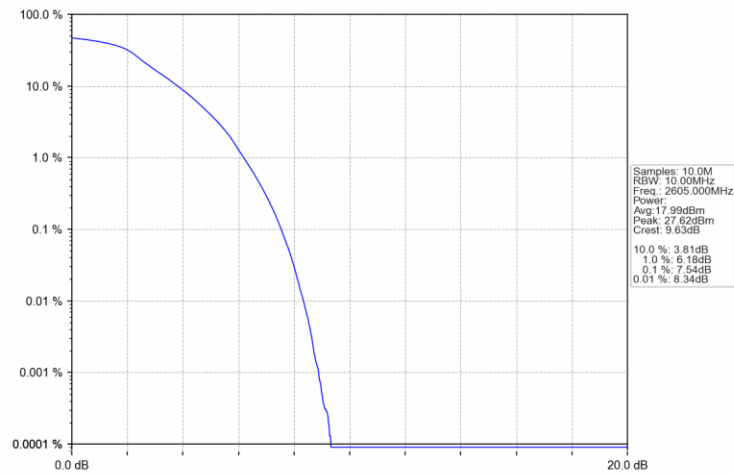


## 5.2.2 B41\_10MHz

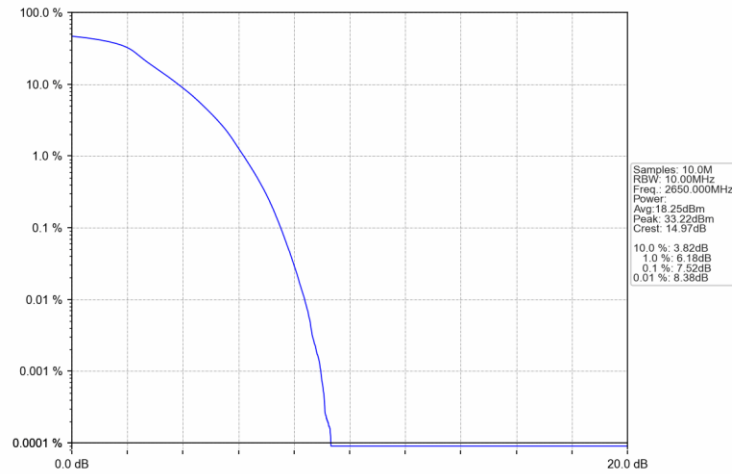
Band41 10MHz QPSK LCH 2560MHz RB 50 0 NTV



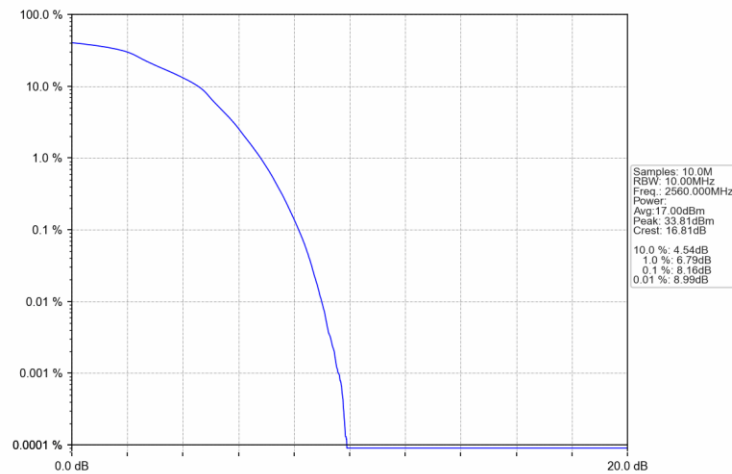
Band41 10MHz QPSK MCH 2605MHz RB 50 0 NTV



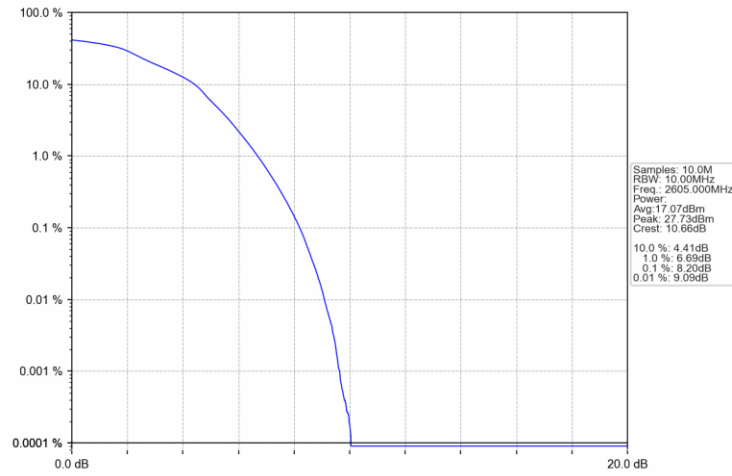
Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



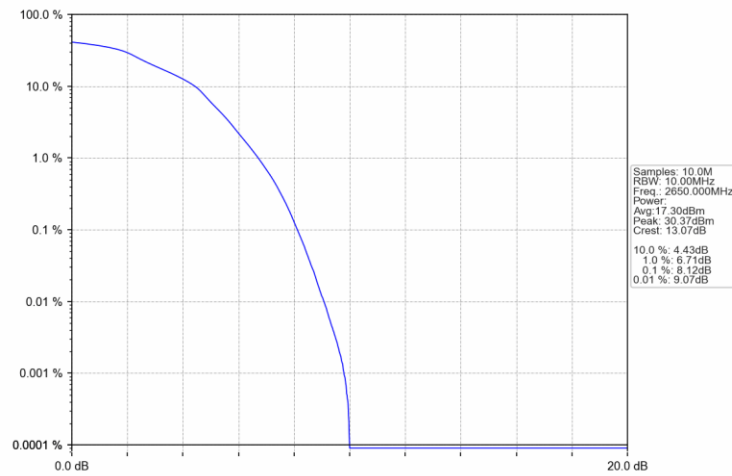
Band41\_10MHz\_16QAM\_LCH\_2560MHz\_RB\_50\_0\_NTNV



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

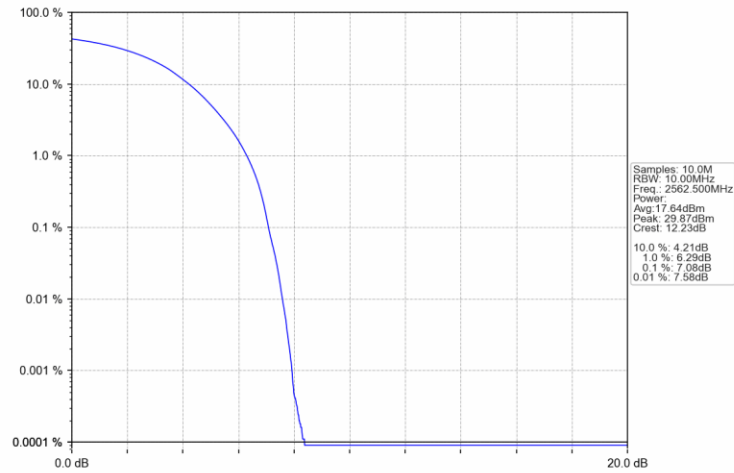


Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV

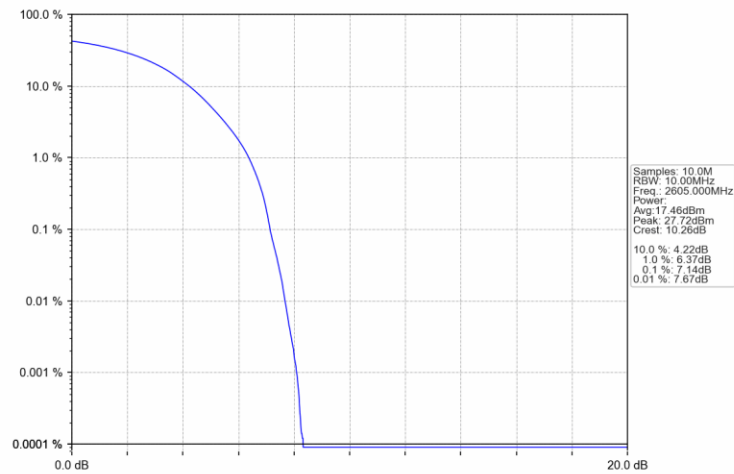


### 5.2.3 B41\_15MHz

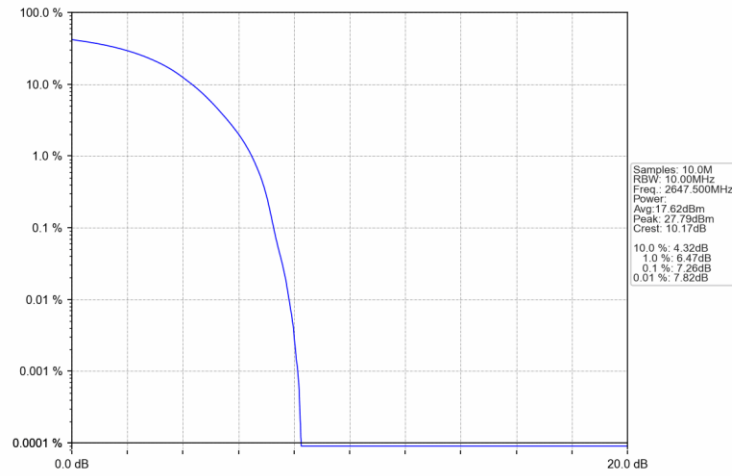
Band41 15MHz QPSK LCH 2562.5MHz RB 75 0 NTNV



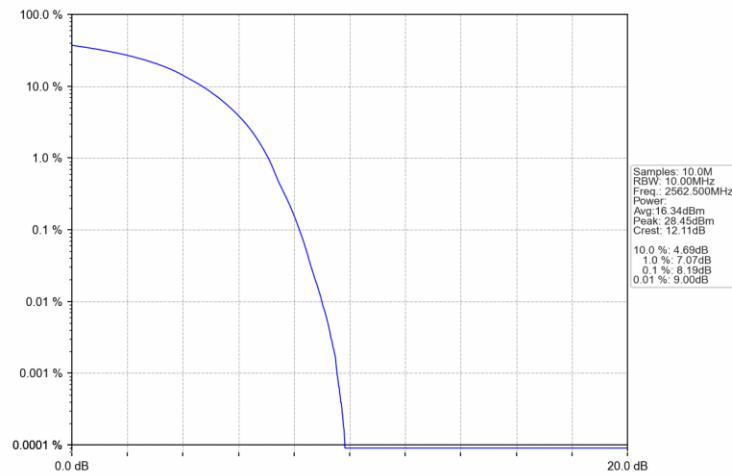
Band41 15MHz QPSK MCH 2605MHz RB 75 0 NTNV



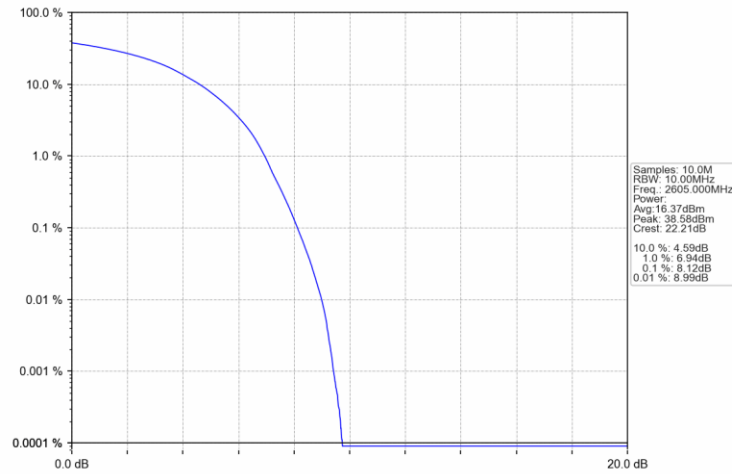
Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



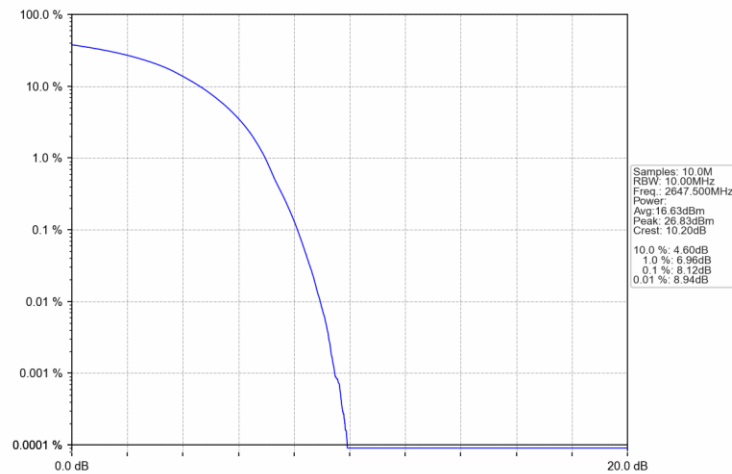
Band41\_15MHz\_16QAM\_LCH\_2562.5MHz\_RB\_75\_0\_NTNV



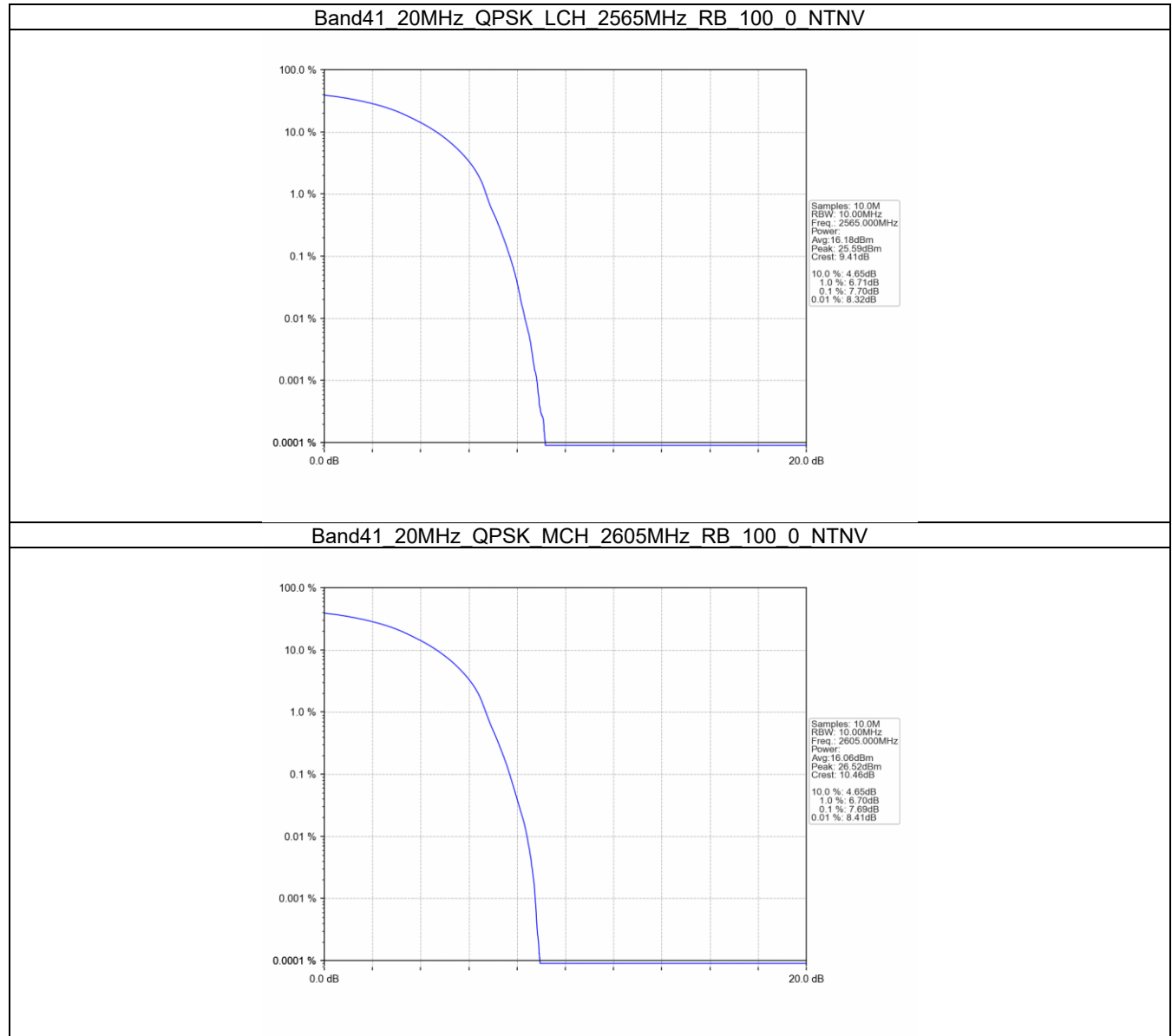
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



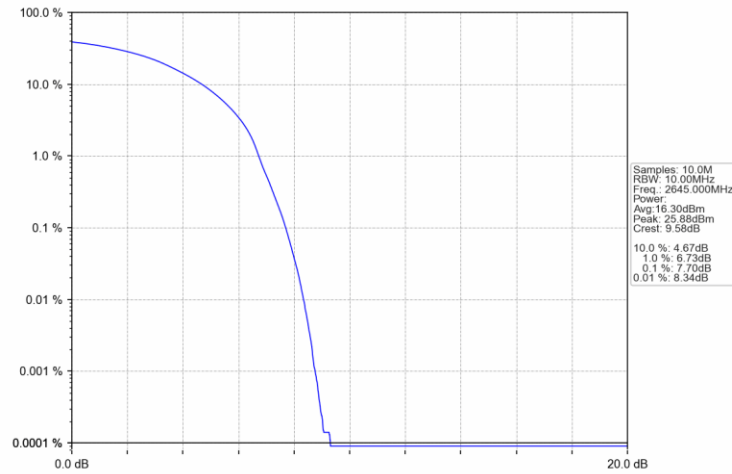
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



## 5.2.4 B41\_20MHz



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



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

