

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

### 1.1 Test Result

#### 1.1.1 B43d\_5MHz\_EIRP

| Band: 43d / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3702.5          | 1             | 0      | 21.45                 | 0.82       | 22.27      | /     | Pass    |
|                                    |                 |               | 13     | 21.53                 | 0.82       | 22.35      | /     | Pass    |
|                                    |                 |               | 24     | 21.51                 | 0.82       | 22.33      | /     | Pass    |
|                                    |                 | 12            | 0      | 20.50                 | 0.82       | 21.32      | /     | Pass    |
|                                    |                 |               | 6      | 20.61                 | 0.82       | 21.43      | /     | Pass    |
|                                    |                 |               | 13     | 20.58                 | 0.82       | 21.40      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.58                 | 0.82       | 21.40      | /     | Pass    |
|                                    | 3750            | 1             | 0      | 21.57                 | 0.82       | 22.39      | /     | Pass    |
|                                    |                 |               | 13     | 21.73                 | 0.82       | 22.55      | /     | Pass    |
|                                    |                 |               | 24     | 21.62                 | 0.82       | 22.44      | /     | Pass    |
|                                    |                 | 12            | 0      | 20.68                 | 0.82       | 21.50      | /     | Pass    |
|                                    |                 |               | 6      | 20.69                 | 0.82       | 21.51      | /     | Pass    |
|                                    |                 |               | 13     | 20.77                 | 0.82       | 21.59      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.69                 | 0.82       | 21.51      | /     | Pass    |
|                                    | 3797.5          | 1             | 0      | 21.68                 | 0.82       | 22.50      | /     | Pass    |
|                                    |                 |               | 13     | 21.82                 | 0.82       | 22.64      | /     | Pass    |
|                                    |                 |               | 24     | 21.77                 | 0.82       | 22.59      | /     | Pass    |
|                                    |                 | 12            | 0      | 20.79                 | 0.82       | 21.61      | /     | Pass    |
|                                    |                 |               | 6      | 20.89                 | 0.82       | 21.71      | /     | Pass    |
|                                    |                 |               | 13     | 20.85                 | 0.82       | 21.67      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.85                 | 0.82       | 21.67      | /     | Pass    |
| 16QAM                              | 3702.5          | 1             | 0      | 20.43                 | 0.82       | 21.25      | /     | Pass    |
|                                    |                 |               | 13     | 20.51                 | 0.82       | 21.33      | /     | Pass    |
|                                    |                 |               | 24     | 20.52                 | 0.82       | 21.34      | /     | Pass    |
|                                    |                 | 12            | 0      | 19.43                 | 0.82       | 20.25      | /     | Pass    |
|                                    |                 |               | 6      | 19.55                 | 0.82       | 20.37      | /     | Pass    |
|                                    |                 |               | 13     | 19.58                 | 0.82       | 20.40      | /     | Pass    |
|                                    |                 | 25            | 0      | 19.58                 | 0.82       | 20.40      | /     | Pass    |
|                                    | 3750            | 1             | 0      | 20.56                 | 0.82       | 21.38      | /     | Pass    |
|                                    |                 |               | 13     | 20.82                 | 0.82       | 21.64      | /     | Pass    |
|                                    |                 |               | 24     | 20.73                 | 0.82       | 21.55      | /     | Pass    |
|                                    |                 | 12            | 0      | 19.69                 | 0.82       | 20.51      | /     | Pass    |
|                                    |                 |               | 6      | 19.66                 | 0.82       | 20.48      | /     | Pass    |
|                                    |                 |               | 13     | 19.74                 | 0.82       | 20.56      | /     | Pass    |
|                                    |                 | 25            | 0      | 19.65                 | 0.82       | 20.47      | /     | Pass    |
|                                    | 3797.5          | 1             | 0      | 20.71                 | 0.82       | 21.53      | /     | Pass    |
|                                    |                 |               | 13     | 20.85                 | 0.82       | 21.67      | /     | Pass    |
|                                    |                 |               | 24     | 20.85                 | 0.82       | 21.67      | /     | Pass    |
|                                    |                 | 12            | 0      | 19.73                 | 0.82       | 20.55      | /     | Pass    |
|                                    |                 |               | 6      | 19.83                 | 0.82       | 20.65      | /     | Pass    |
|                                    |                 |               | 13     | 19.86                 | 0.82       | 20.68      | /     | Pass    |
|                                    |                 | 25            | 0      | 19.83                 | 0.82       | 20.65      | /     | Pass    |
| 64QAM                              | 3702.5          | 1             | 0      | 20.40                 | 0.82       | 21.22      | /     | Pass    |
|                                    |                 |               | 13     | 20.55                 | 0.82       | 21.37      | /     | Pass    |
|                                    |                 |               | 24     | 20.25                 | 0.82       | 21.07      | /     | Pass    |
|                                    |                 | 12            | 0      | 19.48                 | 0.82       | 20.30      | /     | Pass    |

|                                          |        |        |       |       |       |       |       |       |      |
|------------------------------------------|--------|--------|-------|-------|-------|-------|-------|-------|------|
|                                          | 3750   | 25     | 6     | 19.59 | 0.82  | 20.41 | /     | Pass  |      |
|                                          |        |        | 13    | 19.62 | 0.82  | 20.44 | /     | Pass  |      |
|                                          |        |        | 0     | 19.59 | 0.82  | 20.41 | /     | Pass  |      |
|                                          |        | 1      | 0     | 20.62 | 0.82  | 21.44 | /     | Pass  |      |
|                                          |        |        | 13    | 20.65 | 0.82  | 21.47 | /     | Pass  |      |
|                                          |        |        | 24    | 20.70 | 0.82  | 21.52 | /     | Pass  |      |
|                                          |        |        | 12    | 0     | 19.65 | 0.82  | 20.47 | /     | Pass |
|                                          |        |        |       | 6     | 19.64 | 0.82  | 20.46 | /     | Pass |
|                                          |        |        |       | 13    | 19.75 | 0.82  | 20.57 | /     | Pass |
|                                          | 25     |        | 0     | 19.66 | 0.82  | 20.48 | /     | Pass  |      |
|                                          | 3797.5 | 1      | 0     | 20.59 | 0.82  | 21.41 | /     | Pass  |      |
|                                          |        |        | 13    | 20.78 | 0.82  | 21.60 | /     | Pass  |      |
|                                          |        |        | 24    | 20.68 | 0.82  | 21.50 | /     | Pass  |      |
|                                          |        | 12     | 0     | 19.83 | 0.82  | 20.65 | /     | Pass  |      |
|                                          |        |        | 6     | 19.86 | 0.82  | 20.68 | /     | Pass  |      |
|                                          |        |        | 13    | 19.86 | 0.82  | 20.68 | /     | Pass  |      |
|                                          |        | 25     | 0     | 19.86 | 0.82  | 20.68 | /     | Pass  |      |
|                                          | 256QAM | 3702.5 | 1     | 0     | 16.50 | 0.82  | 17.32 | /     | Pass |
|                                          |        |        |       | 13    | 16.52 | 0.82  | 17.34 | /     | Pass |
|                                          |        |        |       | 24    | 16.48 | 0.82  | 17.30 | /     | Pass |
|                                          |        |        | 12    | 0     | 16.49 | 0.82  | 17.31 | /     | Pass |
|                                          |        |        |       | 6     | 16.58 | 0.82  | 17.40 | /     | Pass |
|                                          |        |        |       | 13    | 16.60 | 0.82  | 17.42 | /     | Pass |
|                                          |        |        |       | 25    | 0     | 16.57 | 0.82  | 17.39 | /    |
| 3750                                     |        |        | 1     | 0     | 16.61 | 0.82  | 17.43 | /     | Pass |
|                                          |        |        |       | 13    | 16.69 | 0.82  | 17.51 | /     | Pass |
|                                          |        | 24     |       | 16.70 | 0.82  | 17.52 | /     | Pass  |      |
|                                          |        | 12     | 0     | 16.69 | 0.82  | 17.51 | /     | Pass  |      |
|                                          |        |        | 6     | 16.71 | 0.82  | 17.53 | /     | Pass  |      |
|                                          |        |        | 13    | 16.76 | 0.82  | 17.58 | /     | Pass  |      |
| 25                                       |        | 0      | 16.69 | 0.82  | 17.51 | /     | Pass  |       |      |
| 3797.5                                   |        | 1      | 0     | 16.58 | 0.82  | 17.40 | /     | Pass  |      |
|                                          |        |        | 13    | 16.66 | 0.82  | 17.48 | /     | Pass  |      |
|                                          |        |        | 24    | 16.82 | 0.82  | 17.64 | /     | Pass  |      |
|                                          |        | 12     | 0     | 16.77 | 0.82  | 17.59 | /     | Pass  |      |
|                                          |        |        | 6     | 16.87 | 0.82  | 17.69 | /     | Pass  |      |
|                                          |        |        | 13    | 16.83 | 0.82  | 17.65 | /     | Pass  |      |
|                                          |        | 25     | 0     | 16.81 | 0.82  | 17.63 | /     | Pass  |      |
|                                          |        |        |       |       |       |       |       |       |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |       |       |      |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B43d\_10MHz\_EIRP

| Band: 43d / Bandwidth: 10MHz / NTV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3705            | 1             | 0      | 21.50                 | 0.82       | 22.32      | /     | Pass    |
|                                    |                 |               | 25     | 21.55                 | 0.82       | 22.37      | /     | Pass    |
|                                    |                 |               | 49     | 21.53                 | 0.82       | 22.35      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.51                 | 0.82       | 21.33      | /     | Pass    |
|                                    |                 |               | 13     | 20.59                 | 0.82       | 21.41      | /     | Pass    |
|                                    |                 |               | 25     | 20.63                 | 0.82       | 21.45      | /     | Pass    |
|                                    |                 | 50            | 0      | 20.55                 | 0.82       | 21.37      | /     | Pass    |
|                                    |                 |               | 0      | 21.66                 | 0.82       | 22.48      | /     | Pass    |
|                                    | 3750            | 1             | 25     | 21.73                 | 0.82       | 22.55      | /     | Pass    |
|                                    |                 |               | 25     | 21.73                 | 0.82       | 22.55      | /     | Pass    |

|        |      |    |    |       |      |       |   |      |
|--------|------|----|----|-------|------|-------|---|------|
|        |      | 25 | 49 | 21.64 | 0.82 | 22.46 | / | Pass |
|        |      |    | 0  | 20.69 | 0.82 | 21.51 | / | Pass |
|        |      |    | 13 | 20.72 | 0.82 | 21.54 | / | Pass |
|        |      |    | 25 | 20.76 | 0.82 | 21.58 | / | Pass |
|        |      | 50 | 0  | 20.71 | 0.82 | 21.53 | / | Pass |
|        |      |    | 0  | 21.54 | 0.82 | 22.36 | / | Pass |
|        |      | 1  | 25 | 21.74 | 0.82 | 22.56 | / | Pass |
|        |      |    | 49 | 21.71 | 0.82 | 22.53 | / | Pass |
|        |      |    | 0  | 20.77 | 0.82 | 21.59 | / | Pass |
|        |      | 25 | 13 | 20.80 | 0.82 | 21.62 | / | Pass |
|        |      |    | 25 | 20.87 | 0.82 | 21.69 | / | Pass |
|        |      |    | 0  | 20.82 | 0.82 | 21.64 | / | Pass |
| 16QAM  | 3705 | 1  | 0  | 20.60 | 0.82 | 21.42 | / | Pass |
|        |      |    | 25 | 20.54 | 0.82 | 21.36 | / | Pass |
|        |      |    | 49 | 20.54 | 0.82 | 21.36 | / | Pass |
|        |      | 25 | 0  | 19.51 | 0.82 | 20.33 | / | Pass |
|        |      |    | 13 | 19.58 | 0.82 | 20.40 | / | Pass |
|        |      |    | 25 | 19.64 | 0.82 | 20.46 | / | Pass |
|        |      | 50 | 0  | 19.54 | 0.82 | 20.36 | / | Pass |
|        |      |    | 0  | 20.68 | 0.82 | 21.50 | / | Pass |
|        |      |    | 25 | 20.85 | 0.82 | 21.67 | / | Pass |
|        |      | 1  | 49 | 20.75 | 0.82 | 21.57 | / | Pass |
|        |      |    | 0  | 19.67 | 0.82 | 20.49 | / | Pass |
|        |      |    | 13 | 19.71 | 0.82 | 20.53 | / | Pass |
|        | 3750 | 25 | 25 | 19.78 | 0.82 | 20.60 | / | Pass |
|        |      |    | 0  | 19.73 | 0.82 | 20.55 | / | Pass |
|        |      |    | 0  | 20.87 | 0.82 | 21.69 | / | Pass |
|        |      | 1  | 25 | 20.79 | 0.82 | 21.61 | / | Pass |
|        |      |    | 49 | 20.78 | 0.82 | 21.60 | / | Pass |
|        |      |    | 0  | 19.75 | 0.82 | 20.57 | / | Pass |
|        |      | 25 | 13 | 19.82 | 0.82 | 20.64 | / | Pass |
|        |      |    | 25 | 19.85 | 0.82 | 20.67 | / | Pass |
|        |      |    | 0  | 19.81 | 0.82 | 20.63 | / | Pass |
| 64QAM  | 3705 | 1  | 0  | 20.53 | 0.82 | 21.35 | / | Pass |
|        |      |    | 25 | 20.64 | 0.82 | 21.46 | / | Pass |
|        |      |    | 49 | 20.59 | 0.82 | 21.41 | / | Pass |
|        |      | 25 | 0  | 19.48 | 0.82 | 20.30 | / | Pass |
|        |      |    | 13 | 19.55 | 0.82 | 20.37 | / | Pass |
|        |      |    | 25 | 19.60 | 0.82 | 20.42 | / | Pass |
|        |      | 50 | 0  | 19.52 | 0.82 | 20.34 | / | Pass |
|        |      |    | 0  | 20.69 | 0.82 | 21.51 | / | Pass |
|        |      |    | 25 | 20.65 | 0.82 | 21.47 | / | Pass |
|        |      | 1  | 49 | 20.66 | 0.82 | 21.48 | / | Pass |
|        |      |    | 0  | 19.69 | 0.82 | 20.51 | / | Pass |
|        |      |    | 13 | 19.70 | 0.82 | 20.52 | / | Pass |
|        | 3750 | 25 | 25 | 19.76 | 0.82 | 20.58 | / | Pass |
|        |      |    | 0  | 19.66 | 0.82 | 20.48 | / | Pass |
|        |      |    | 0  | 20.76 | 0.82 | 21.58 | / | Pass |
|        |      | 1  | 25 | 20.64 | 0.82 | 21.46 | / | Pass |
|        |      |    | 49 | 20.64 | 0.82 | 21.46 | / | Pass |
|        |      |    | 0  | 19.79 | 0.82 | 20.61 | / | Pass |
|        |      | 25 | 13 | 19.80 | 0.82 | 20.62 | / | Pass |
|        |      |    | 25 | 19.86 | 0.82 | 20.68 | / | Pass |
|        |      |    | 0  | 19.79 | 0.82 | 20.61 | / | Pass |
| 256QAM | 3705 | 1  | 0  | 16.57 | 0.82 | 17.39 | / | Pass |
|        |      |    | 25 | 16.59 | 0.82 | 17.41 | / | Pass |

|  |      |    |    |       |      |       |   |      |
|--|------|----|----|-------|------|-------|---|------|
|  |      | 25 | 49 | 16.45 | 0.82 | 17.27 | / | Pass |
|  |      |    | 0  | 16.55 | 0.82 | 17.37 | / | Pass |
|  |      |    | 13 | 16.58 | 0.82 | 17.40 | / | Pass |
|  |      |    | 25 | 16.65 | 0.82 | 17.47 | / | Pass |
|  | 50   | 1  | 0  | 16.56 | 0.82 | 17.38 | / | Pass |
|  |      |    | 0  | 16.46 | 0.82 | 17.28 | / | Pass |
|  |      |    | 25 | 16.79 | 0.82 | 17.61 | / | Pass |
|  |      |    | 49 | 16.80 | 0.82 | 17.62 | / | Pass |
|  | 25   | 25 | 0  | 16.72 | 0.82 | 17.54 | / | Pass |
|  |      |    | 13 | 16.74 | 0.82 | 17.56 | / | Pass |
|  |      |    | 25 | 16.79 | 0.82 | 17.61 | / | Pass |
|  |      |    | 50 | 16.71 | 0.82 | 17.53 | / | Pass |
|  | 3795 | 1  | 0  | 16.53 | 0.82 | 17.35 | / | Pass |
|  |      |    | 25 | 16.75 | 0.82 | 17.57 | / | Pass |
|  |      |    | 49 | 16.80 | 0.82 | 17.62 | / | Pass |
|  |      | 25 | 0  | 16.73 | 0.82 | 17.55 | / | Pass |
|  |      |    | 13 | 16.79 | 0.82 | 17.61 | / | Pass |
|  |      |    | 25 | 16.85 | 0.82 | 17.67 | / | Pass |
|  |      | 50 | 0  | 16.75 | 0.82 | 17.57 | / | Pass |
|  |      |    | 0  | 16.75 | 0.82 | 17.57 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B43d\_15MHz\_EIRP

| Band: 43d / Bandwidth: 15MHz / NTV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3707.5          | 1             | 0      | 21.29                 | 0.82       | 22.11      | /     | Pass    |
|                                    |                 |               | 38     | 21.38                 | 0.82       | 22.20      | /     | Pass    |
|                                    |                 |               | 74     | 21.30                 | 0.82       | 22.12      | /     | Pass    |
|                                    |                 | 36            | 0      | 20.43                 | 0.82       | 21.25      | /     | Pass    |
|                                    |                 |               | 18     | 20.52                 | 0.82       | 21.34      | /     | Pass    |
|                                    |                 |               | 39     | 20.52                 | 0.82       | 21.34      | /     | Pass    |
|                                    |                 | 75            | 0      | 20.49                 | 0.82       | 21.31      | /     | Pass    |
|                                    | 3750            | 1             | 0      | 21.44                 | 0.82       | 22.26      | /     | Pass    |
|                                    |                 |               | 38     | 21.51                 | 0.82       | 22.33      | /     | Pass    |
|                                    |                 |               | 74     | 21.50                 | 0.82       | 22.32      | /     | Pass    |
|                                    |                 | 36            | 0      | 20.57                 | 0.82       | 21.39      | /     | Pass    |
|                                    |                 |               | 18     | 20.58                 | 0.82       | 21.40      | /     | Pass    |
|                                    |                 |               | 39     | 20.68                 | 0.82       | 21.50      | /     | Pass    |
|                                    |                 | 75            | 0      | 20.59                 | 0.82       | 21.41      | /     | Pass    |
|                                    | 3792.5          | 1             | 0      | 21.49                 | 0.82       | 22.31      | /     | Pass    |
|                                    |                 |               | 38     | 21.50                 | 0.82       | 22.32      | /     | Pass    |
|                                    |                 |               | 74     | 21.46                 | 0.82       | 22.28      | /     | Pass    |
|                                    |                 | 36            | 0      | 20.60                 | 0.82       | 21.42      | /     | Pass    |
|                                    |                 |               | 18     | 20.70                 | 0.82       | 21.52      | /     | Pass    |
|                                    |                 |               | 39     | 20.71                 | 0.82       | 21.53      | /     | Pass    |
|                                    |                 | 75            | 0      | 20.72                 | 0.82       | 21.54      | /     | Pass    |
| 16QAM                              | 3707.5          | 1             | 0      | 20.40                 | 0.82       | 21.22      | /     | Pass    |
|                                    |                 |               | 38     | 20.43                 | 0.82       | 21.25      | /     | Pass    |
|                                    |                 |               | 74     | 20.33                 | 0.82       | 21.15      | /     | Pass    |
|                                    |                 | 36            | 0      | 19.45                 | 0.82       | 20.27      | /     | Pass    |
|                                    |                 |               | 18     | 19.51                 | 0.82       | 20.33      | /     | Pass    |
|                                    |                 |               | 39     | 19.52                 | 0.82       | 20.34      | /     | Pass    |
|                                    |                 | 75            | 0      | 19.51                 | 0.82       | 20.33      | /     | Pass    |
|                                    |                 |               | 0      | 19.51                 | 0.82       | 20.33      | /     | Pass    |

|        |        |    |    |       |      |       |   |      |
|--------|--------|----|----|-------|------|-------|---|------|
|        | 3750   | 1  | 0  | 20.49 | 0.82 | 21.31 | / | Pass |
|        |        |    | 38 | 20.50 | 0.82 | 21.32 | / | Pass |
|        |        |    | 74 | 20.54 | 0.82 | 21.36 | / | Pass |
|        |        | 36 | 0  | 19.56 | 0.82 | 20.38 | / | Pass |
|        |        |    | 18 | 19.57 | 0.82 | 20.39 | / | Pass |
|        |        |    | 39 | 19.64 | 0.82 | 20.46 | / | Pass |
|        |        | 75 | 0  | 19.59 | 0.82 | 20.41 | / | Pass |
|        | 3792.5 | 1  | 0  | 20.64 | 0.82 | 21.46 | / | Pass |
|        |        |    | 38 | 20.61 | 0.82 | 21.43 | / | Pass |
|        |        |    | 74 | 20.51 | 0.82 | 21.33 | / | Pass |
|        |        | 36 | 0  | 19.61 | 0.82 | 20.43 | / | Pass |
|        |        |    | 18 | 19.69 | 0.82 | 20.51 | / | Pass |
|        |        |    | 39 | 19.72 | 0.82 | 20.54 | / | Pass |
|        |        | 75 | 0  | 19.73 | 0.82 | 20.55 | / | Pass |
| 64QAM  | 3707.5 | 1  | 0  | 20.30 | 0.82 | 21.12 | / | Pass |
|        |        |    | 38 | 20.34 | 0.82 | 21.16 | / | Pass |
|        |        |    | 74 | 20.31 | 0.82 | 21.13 | / | Pass |
|        |        | 36 | 0  | 19.41 | 0.82 | 20.23 | / | Pass |
|        |        |    | 18 | 19.51 | 0.82 | 20.33 | / | Pass |
|        |        |    | 39 | 19.54 | 0.82 | 20.36 | / | Pass |
|        |        | 75 | 0  | 19.52 | 0.82 | 20.34 | / | Pass |
|        | 3750   | 1  | 0  | 20.56 | 0.82 | 21.38 | / | Pass |
|        |        |    | 38 | 20.53 | 0.82 | 21.35 | / | Pass |
|        |        |    | 74 | 20.44 | 0.82 | 21.26 | / | Pass |
|        |        | 36 | 0  | 19.57 | 0.82 | 20.39 | / | Pass |
|        |        |    | 18 | 19.59 | 0.82 | 20.41 | / | Pass |
|        |        |    | 39 | 19.67 | 0.82 | 20.49 | / | Pass |
|        |        | 75 | 0  | 19.59 | 0.82 | 20.41 | / | Pass |
|        | 3792.5 | 1  | 0  | 20.47 | 0.82 | 21.29 | / | Pass |
|        |        |    | 38 | 20.61 | 0.82 | 21.43 | / | Pass |
|        |        |    | 74 | 20.43 | 0.82 | 21.25 | / | Pass |
|        |        | 36 | 0  | 19.65 | 0.82 | 20.47 | / | Pass |
|        |        |    | 18 | 19.70 | 0.82 | 20.52 | / | Pass |
|        |        |    | 39 | 19.74 | 0.82 | 20.56 | / | Pass |
|        |        | 75 | 0  | 19.72 | 0.82 | 20.54 | / | Pass |
| 256QAM | 3707.5 | 1  | 0  | 16.42 | 0.82 | 17.24 | / | Pass |
|        |        |    | 38 | 16.29 | 0.82 | 17.11 | / | Pass |
|        |        |    | 74 | 16.55 | 0.82 | 17.37 | / | Pass |
|        |        | 36 | 0  | 16.40 | 0.82 | 17.22 | / | Pass |
|        |        |    | 18 | 16.51 | 0.82 | 17.33 | / | Pass |
|        |        |    | 39 | 16.50 | 0.82 | 17.32 | / | Pass |
|        |        | 75 | 0  | 16.53 | 0.82 | 17.35 | / | Pass |
|        | 3750   | 1  | 0  | 16.44 | 0.82 | 17.26 | / | Pass |
|        |        |    | 38 | 16.52 | 0.82 | 17.34 | / | Pass |
|        |        |    | 74 | 16.72 | 0.82 | 17.54 | / | Pass |
|        |        | 36 | 0  | 16.62 | 0.82 | 17.44 | / | Pass |
|        |        |    | 18 | 16.61 | 0.82 | 17.43 | / | Pass |
|        |        |    | 39 | 16.67 | 0.82 | 17.49 | / | Pass |
|        |        | 75 | 0  | 16.63 | 0.82 | 17.45 | / | Pass |
|        | 3792.5 | 1  | 0  | 16.41 | 0.82 | 17.23 | / | Pass |
|        |        |    | 38 | 16.56 | 0.82 | 17.38 | / | Pass |
|        |        |    | 74 | 16.71 | 0.82 | 17.53 | / | Pass |
|        |        | 36 | 0  | 16.64 | 0.82 | 17.46 | / | Pass |
|        |        |    | 18 | 16.71 | 0.82 | 17.53 | / | Pass |
|        |        |    | 39 | 16.74 | 0.82 | 17.56 | / | Pass |
|        |        | 75 | 0  | 16.73 | 0.82 | 17.55 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.4 B43d\_20MHz\_EIRP

| Band: 43d / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                                | 3710            | 1             | 0      | 21.26                 | 0.82       | 22.08      | /     | Pass    |
|                                     |                 |               | 50     | 21.36                 | 0.82       | 22.18      | /     | Pass    |
|                                     |                 |               | 99     | 21.35                 | 0.82       | 22.17      | /     | Pass    |
|                                     |                 | 50            | 0      | 20.45                 | 0.82       | 21.27      | /     | Pass    |
|                                     |                 |               | 25     | 20.43                 | 0.82       | 21.25      | /     | Pass    |
|                                     |                 |               | 50     | 20.55                 | 0.82       | 21.37      | /     | Pass    |
|                                     |                 | 100           | 0      | 20.48                 | 0.82       | 21.30      | /     | Pass    |
|                                     | 3750            | 1             | 0      | 21.46                 | 0.82       | 22.28      | /     | Pass    |
|                                     |                 |               | 50     | 21.47                 | 0.82       | 22.29      | /     | Pass    |
|                                     |                 |               | 99     | 21.46                 | 0.82       | 22.28      | /     | Pass    |
|                                     |                 | 50            | 0      | 20.60                 | 0.82       | 21.42      | /     | Pass    |
|                                     |                 |               | 25     | 20.60                 | 0.82       | 21.42      | /     | Pass    |
|                                     |                 |               | 50     | 20.66                 | 0.82       | 21.48      | /     | Pass    |
|                                     |                 | 100           | 0      | 20.58                 | 0.82       | 21.40      | /     | Pass    |
|                                     | 3790            | 1             | 0      | 21.47                 | 0.82       | 22.29      | /     | Pass    |
|                                     |                 |               | 50     | 21.57                 | 0.82       | 22.39      | /     | Pass    |
|                                     |                 |               | 99     | 21.51                 | 0.82       | 22.33      | /     | Pass    |
|                                     |                 | 50            | 0      | 20.65                 | 0.82       | 21.47      | /     | Pass    |
|                                     |                 |               | 25     | 20.66                 | 0.82       | 21.48      | /     | Pass    |
|                                     |                 |               | 50     | 20.76                 | 0.82       | 21.58      | /     | Pass    |
|                                     |                 | 100           | 0      | 20.63                 | 0.82       | 21.45      | /     | Pass    |
| 16QAM                               | 3710            | 1             | 0      | 20.37                 | 0.82       | 21.19      | /     | Pass    |
|                                     |                 |               | 50     | 20.48                 | 0.82       | 21.30      | /     | Pass    |
|                                     |                 |               | 99     | 20.36                 | 0.82       | 21.18      | /     | Pass    |
|                                     |                 | 50            | 0      | 19.49                 | 0.82       | 20.31      | /     | Pass    |
|                                     |                 |               | 25     | 19.46                 | 0.82       | 20.28      | /     | Pass    |
|                                     |                 |               | 50     | 19.53                 | 0.82       | 20.35      | /     | Pass    |
|                                     |                 | 100           | 0      | 19.47                 | 0.82       | 20.29      | /     | Pass    |
|                                     | 3750            | 1             | 0      | 20.46                 | 0.82       | 21.28      | /     | Pass    |
|                                     |                 |               | 50     | 20.75                 | 0.82       | 21.57      | /     | Pass    |
|                                     |                 |               | 99     | 20.54                 | 0.82       | 21.36      | /     | Pass    |
|                                     |                 | 50            | 0      | 19.62                 | 0.82       | 20.44      | /     | Pass    |
|                                     |                 |               | 25     | 19.63                 | 0.82       | 20.45      | /     | Pass    |
|                                     |                 |               | 50     | 19.64                 | 0.82       | 20.46      | /     | Pass    |
|                                     |                 | 100           | 0      | 19.58                 | 0.82       | 20.40      | /     | Pass    |
|                                     | 3790            | 1             | 0      | 20.52                 | 0.82       | 21.34      | /     | Pass    |
|                                     |                 |               | 50     | 20.59                 | 0.82       | 21.41      | /     | Pass    |
|                                     |                 |               | 99     | 20.61                 | 0.82       | 21.43      | /     | Pass    |
|                                     |                 | 50            | 0      | 19.65                 | 0.82       | 20.47      | /     | Pass    |
|                                     |                 |               | 25     | 19.68                 | 0.82       | 20.50      | /     | Pass    |
|                                     |                 |               | 50     | 19.76                 | 0.82       | 20.58      | /     | Pass    |
|                                     |                 | 100           | 0      | 19.66                 | 0.82       | 20.48      | /     | Pass    |
| 64QAM                               | 3710            | 1             | 0      | 20.31                 | 0.82       | 21.13      | /     | Pass    |
|                                     |                 |               | 50     | 20.47                 | 0.82       | 21.29      | /     | Pass    |
|                                     |                 |               | 99     | 20.27                 | 0.82       | 21.09      | /     | Pass    |
|                                     |                 | 50            | 0      | 19.46                 | 0.82       | 20.28      | /     | Pass    |
|                                     |                 |               | 25     | 19.48                 | 0.82       | 20.30      | /     | Pass    |

|        |      |     |    |       |      |       |   |      |
|--------|------|-----|----|-------|------|-------|---|------|
|        |      |     | 50 | 19.49 | 0.82 | 20.31 | / | Pass |
|        |      | 100 | 0  | 19.46 | 0.82 | 20.28 | / | Pass |
|        | 3750 | 1   | 0  | 20.33 | 0.82 | 21.15 | / | Pass |
|        |      |     | 50 | 20.47 | 0.82 | 21.29 | / | Pass |
|        |      |     | 99 | 20.33 | 0.82 | 21.15 | / | Pass |
|        |      | 50  | 0  | 19.54 | 0.82 | 20.36 | / | Pass |
|        |      |     | 25 | 19.62 | 0.82 | 20.44 | / | Pass |
|        |      |     | 50 | 19.64 | 0.82 | 20.46 | / | Pass |
|        |      | 100 | 0  | 19.62 | 0.82 | 20.44 | / | Pass |
|        | 3790 | 1   | 0  | 20.62 | 0.82 | 21.44 | / | Pass |
|        |      |     | 50 | 20.60 | 0.82 | 21.42 | / | Pass |
|        |      |     | 99 | 20.42 | 0.82 | 21.24 | / | Pass |
|        |      | 50  | 0  | 19.61 | 0.82 | 20.43 | / | Pass |
|        |      |     | 25 | 19.68 | 0.82 | 20.50 | / | Pass |
|        |      |     | 50 | 19.65 | 0.82 | 20.47 | / | Pass |
|        |      | 100 | 0  | 19.64 | 0.82 | 20.46 | / | Pass |
| 256QAM | 3710 | 1   | 0  | 16.29 | 0.82 | 17.11 | / | Pass |
|        |      |     | 50 | 16.39 | 0.82 | 17.21 | / | Pass |
|        |      |     | 99 | 16.59 | 0.82 | 17.41 | / | Pass |
|        |      | 50  | 0  | 16.47 | 0.82 | 17.29 | / | Pass |
|        |      |     | 25 | 16.48 | 0.82 | 17.30 | / | Pass |
|        |      |     | 50 | 16.55 | 0.82 | 17.37 | / | Pass |
|        |      | 100 | 0  | 16.45 | 0.82 | 17.27 | / | Pass |
|        | 3750 | 1   | 0  | 16.52 | 0.82 | 17.34 | / | Pass |
|        |      |     | 50 | 16.51 | 0.82 | 17.33 | / | Pass |
|        |      |     | 99 | 16.40 | 0.82 | 17.22 | / | Pass |
|        |      | 50  | 0  | 16.61 | 0.82 | 17.43 | / | Pass |
|        |      |     | 25 | 16.62 | 0.82 | 17.44 | / | Pass |
|        |      |     | 50 | 16.69 | 0.82 | 17.51 | / | Pass |
|        |      | 100 | 0  | 16.63 | 0.82 | 17.45 | / | Pass |
|        | 3790 | 1   | 0  | 16.53 | 0.82 | 17.35 | / | Pass |
|        |      |     | 50 | 16.58 | 0.82 | 17.40 | / | Pass |
|        |      |     | 99 | 16.60 | 0.82 | 17.42 | / | Pass |
|        |      | 50  | 0  | 16.63 | 0.82 | 17.45 | / | Pass |
|        |      |     | 25 | 16.69 | 0.82 | 17.51 | / | Pass |
|        |      |     | 50 | 16.74 | 0.82 | 17.56 | / | Pass |
|        |      | 100 | 0  | 16.65 | 0.82 | 17.47 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B43d\_10MHz

| Band: 43d / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|------------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                              |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                         | 3750            | 50            | 0      | 20         | LV      | 2.800            | 0.0007                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | NV      | 1.100            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | HV      | 1.900            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | NV      | -2.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | NV      | 4.700            | 0.0013                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | NV      | 0.800            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | NV      | -1.800           | -0.0005               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | NV      | 5.600            | 0.0015                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | NV      | 0.500            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | NV      | 1.700            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | NV      | -1.100           | -0.0003               | -2.5 to 2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band43d\_OBW

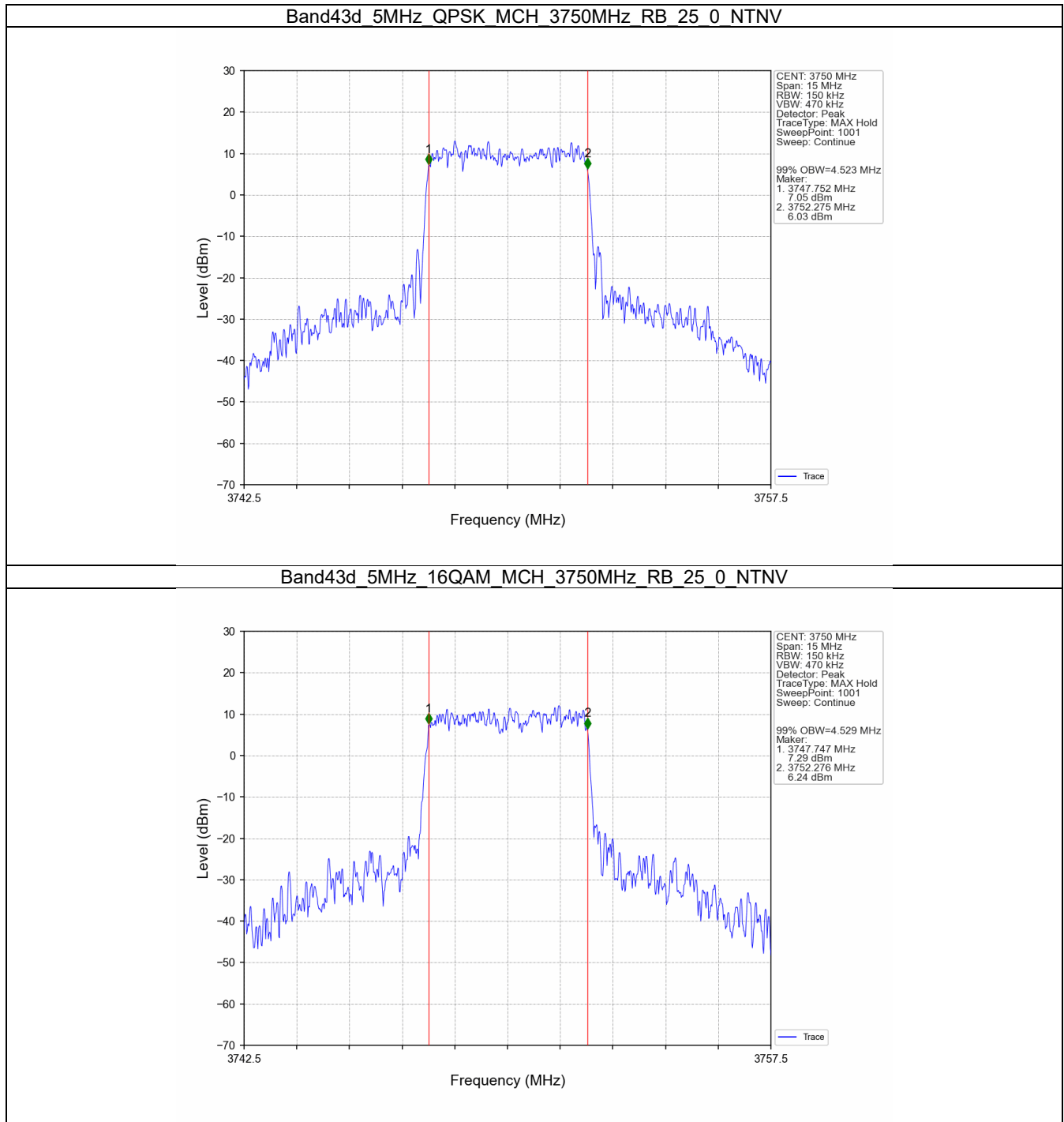
| Band: 43d / NTNV |            |                 |               |        |                              |       |         |
|------------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                  |            |                 | Size          | Offset | Result                       | Limit |         |
| 5                | QPSK       | 3750            | 25            | 0      | 4.523                        | /     | Pass    |
|                  | 16QAM      | 3750            | 25            | 0      | 4.529                        | /     | Pass    |
|                  | 64QAM      | 3750            | 25            | 0      | 4.562                        | /     | Pass    |
|                  | 256QAM     | 3750            | 25            | 0      | 4.552                        | /     | Pass    |
| 10               | QPSK       | 3750            | 50            | 0      | 8.989                        | /     | Pass    |
|                  | 16QAM      | 3750            | 50            | 0      | 8.985                        | /     | Pass    |
|                  | 64QAM      | 3750            | 50            | 0      | 9.070                        | /     | Pass    |
|                  | 256QAM     | 3750            | 50            | 0      | 9.016                        | /     | Pass    |
| 15               | QPSK       | 3750            | 75            | 0      | 13.565                       | /     | Pass    |
|                  | 16QAM      | 3750            | 75            | 0      | 13.578                       | /     | Pass    |
|                  | 64QAM      | 3750            | 75            | 0      | 13.592                       | /     | Pass    |
|                  | 256QAM     | 3750            | 75            | 0      | 13.489                       | /     | Pass    |
| 20               | QPSK       | 3750            | 100           | 0      | 18.055                       | /     | Pass    |
|                  | 16QAM      | 3750            | 100           | 0      | 18.117                       | /     | Pass    |
|                  | 64QAM      | 3750            | 100           | 0      | 17.948                       | /     | Pass    |
|                  | 256QAM     | 3750            | 100           | 0      | 18.035                       | /     | Pass    |

### 3.1.2 Band43d\_XDB

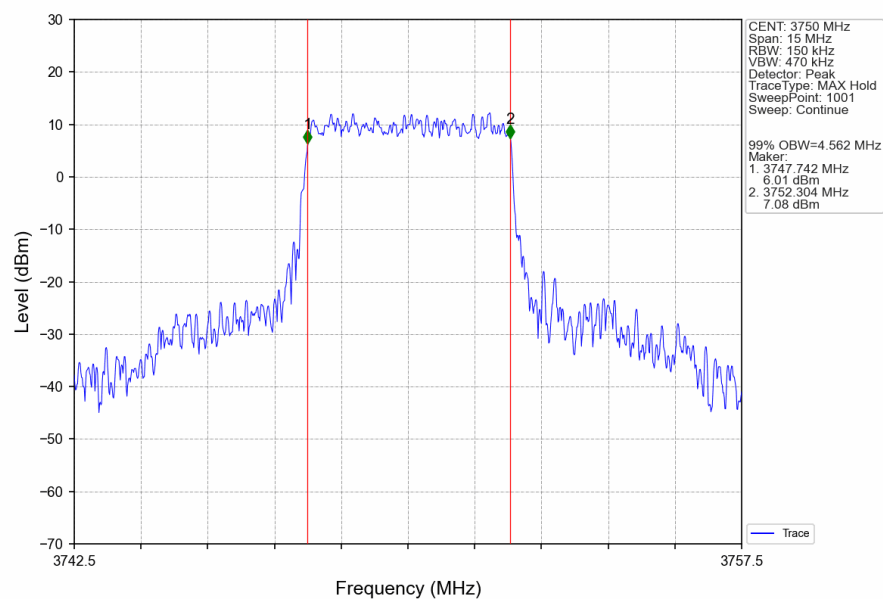
| Band: 43d / NTNV |            |                 |               |        |                      |       |         |
|------------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                  |            |                 | Size          | Offset | Result               | Limit |         |
| 5                | QPSK       | 3750            | 25            | 0      | 4.997                | /     | Pass    |
|                  | 16QAM      | 3750            | 25            | 0      | 4.898                | /     | Pass    |
|                  | 64QAM      | 3750            | 25            | 0      | 5.126                | /     | Pass    |
|                  | 256QAM     | 3750            | 25            | 0      | 4.968                | /     | Pass    |
| 10               | QPSK       | 3750            | 50            | 0      | 9.672                | /     | Pass    |
|                  | 16QAM      | 3750            | 50            | 0      | 10.137               | /     | Pass    |
|                  | 64QAM      | 3750            | 50            | 0      | 9.899                | /     | Pass    |
|                  | 256QAM     | 3750            | 50            | 0      | 9.782                | /     | Pass    |
| 15               | QPSK       | 3750            | 75            | 0      | 14.554               | /     | Pass    |
|                  | 16QAM      | 3750            | 75            | 0      | 14.861               | /     | Pass    |
|                  | 64QAM      | 3750            | 75            | 0      | 14.623               | /     | Pass    |
|                  | 256QAM     | 3750            | 75            | 0      | 14.906               | /     | Pass    |
| 20               | QPSK       | 3750            | 100           | 0      | 19.601               | /     | Pass    |
|                  | 16QAM      | 3750            | 100           | 0      | 19.563               | /     | Pass    |
|                  | 64QAM      | 3750            | 100           | 0      | 19.661               | /     | Pass    |
|                  | 256QAM     | 3750            | 100           | 0      | 19.372               | /     | Pass    |

## 3.2 Test Graph

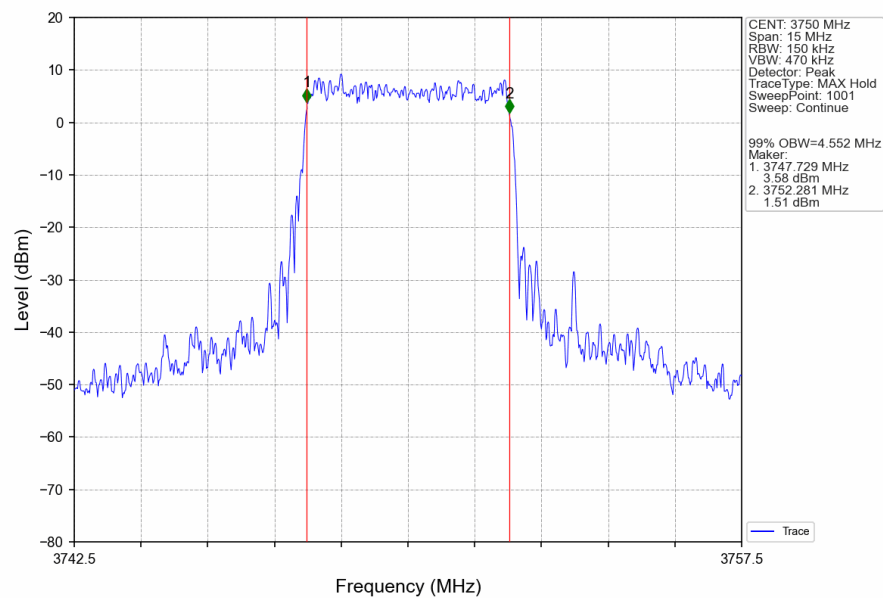
### 3.2.1 Band43d\_OBW



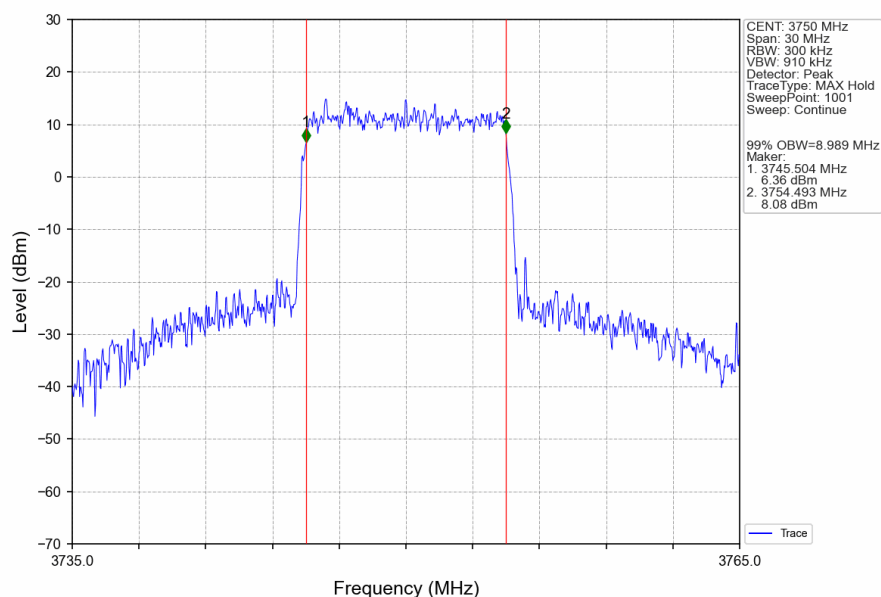
Band43d\_5MHz\_64QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



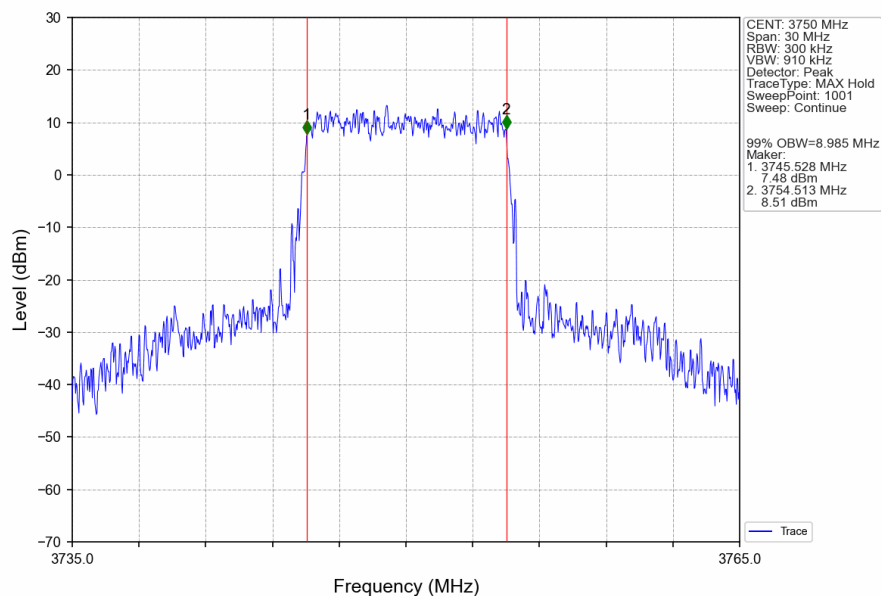
Band43d\_5MHz\_256QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



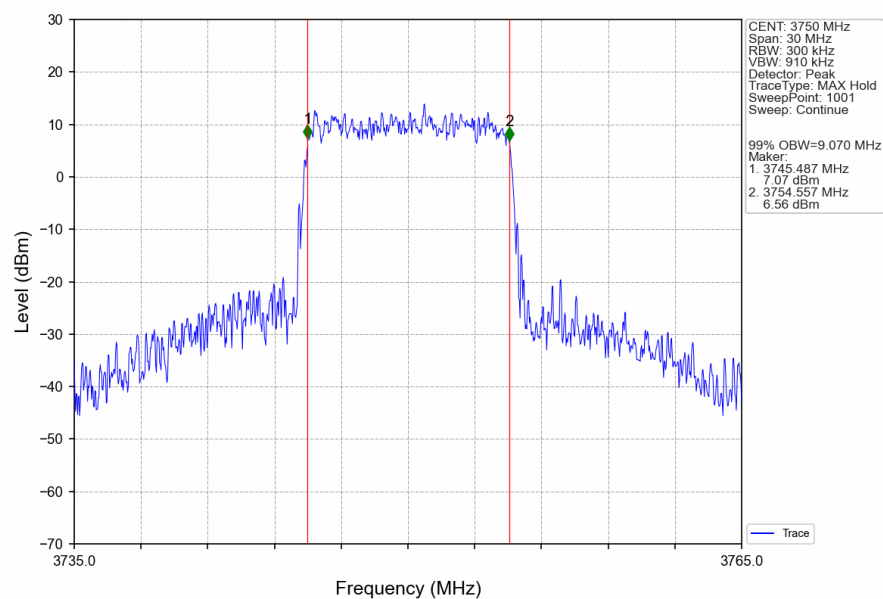
Band43d\_10MHz\_QPSK\_MCH\_3750MHz\_RB\_50\_0\_NTNV



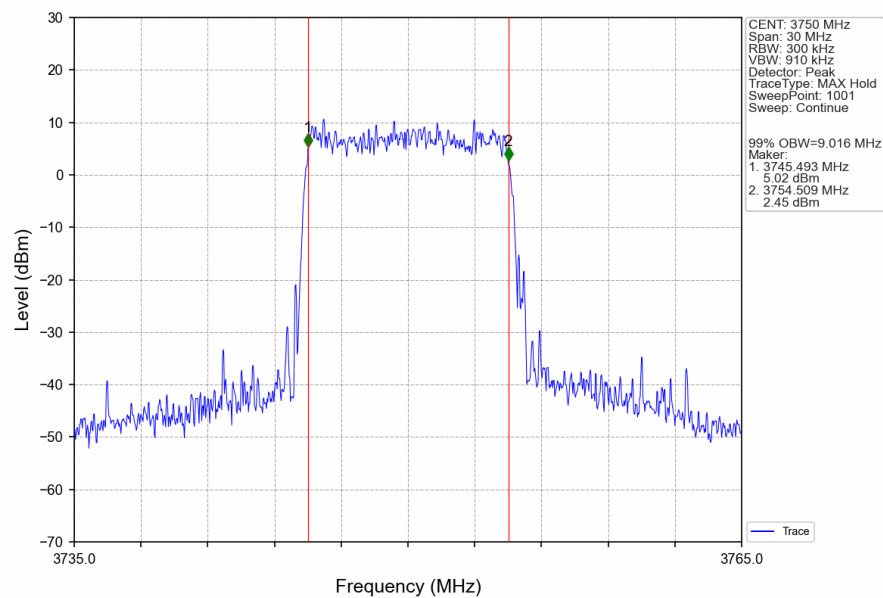
Band43d\_10MHz\_16QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



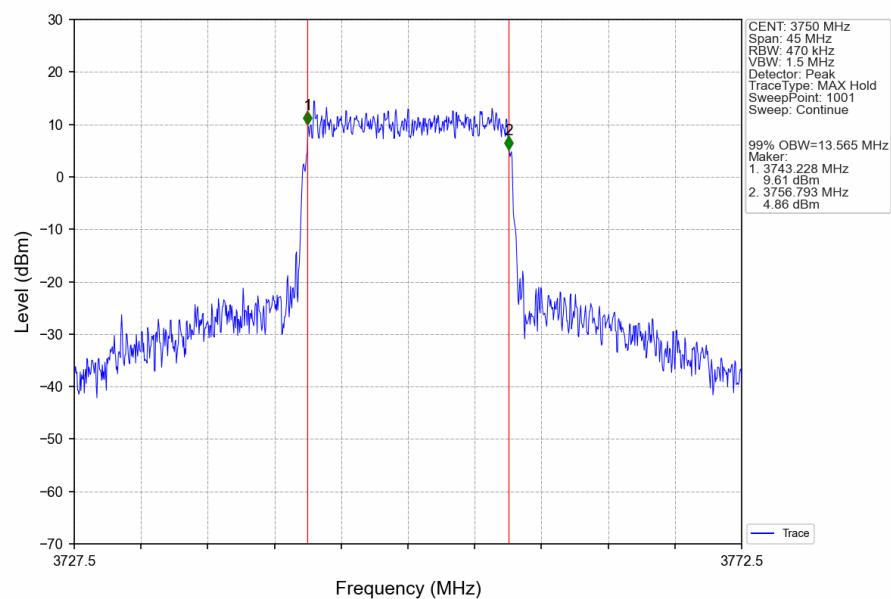
Band43d\_10MHz\_64QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



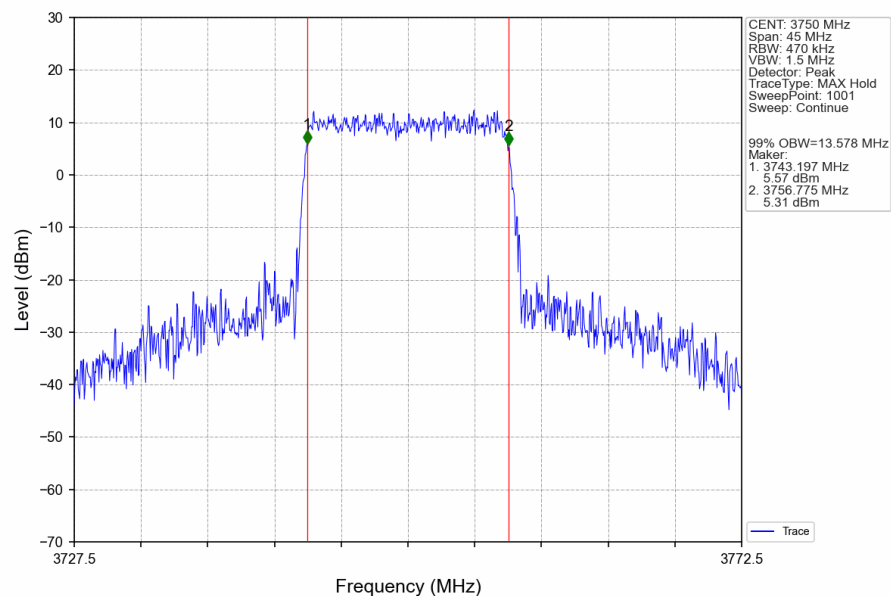
Band43d\_10MHz\_256QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



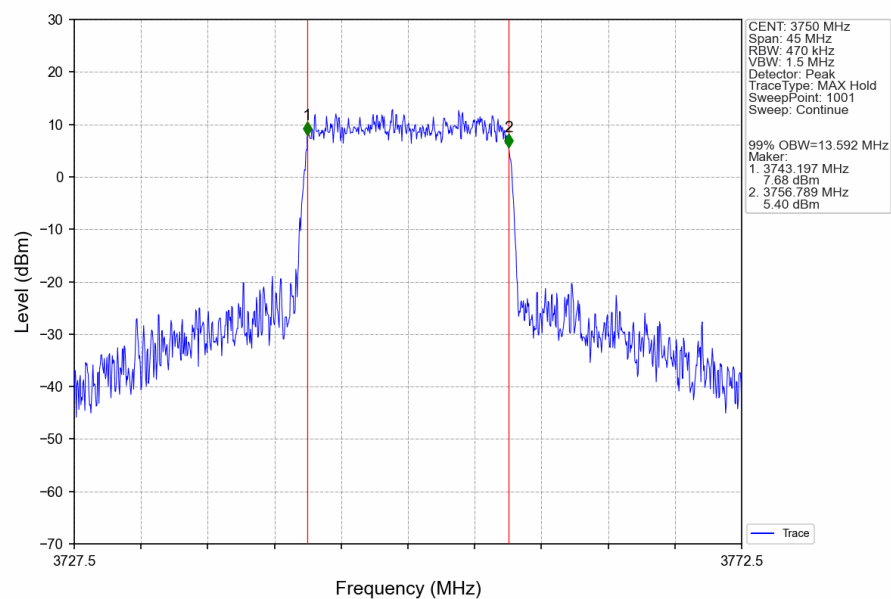
Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_75\_0\_NTNV



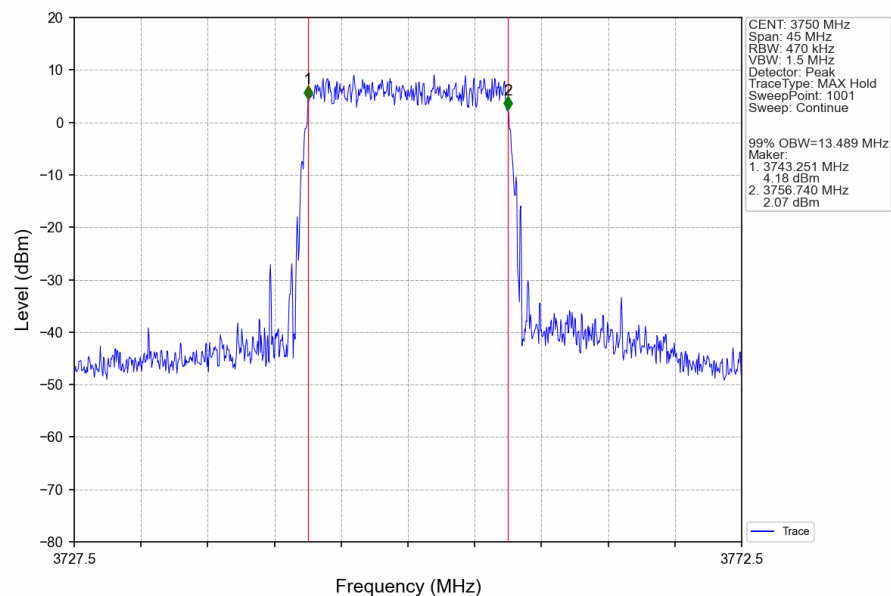
Band43d\_15MHz\_16QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



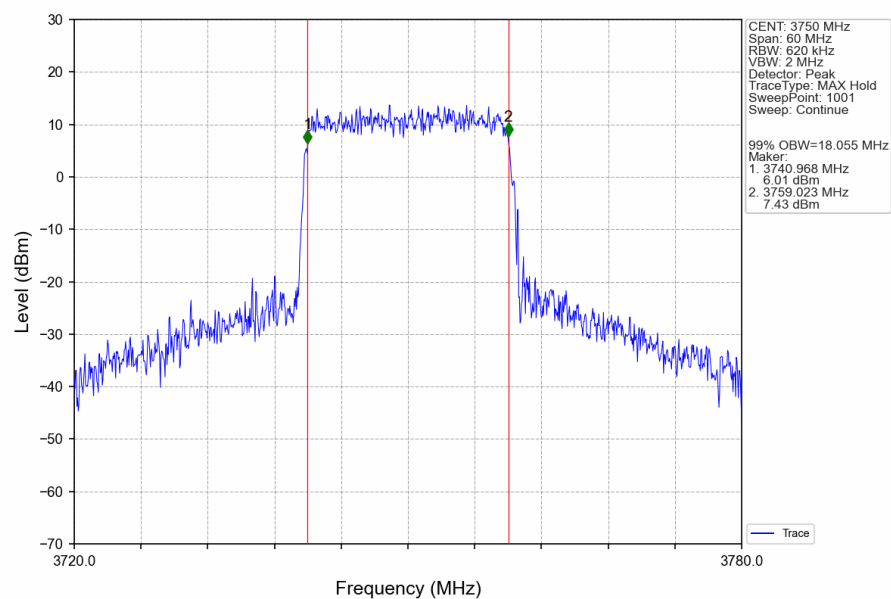
Band43d\_15MHz\_64QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



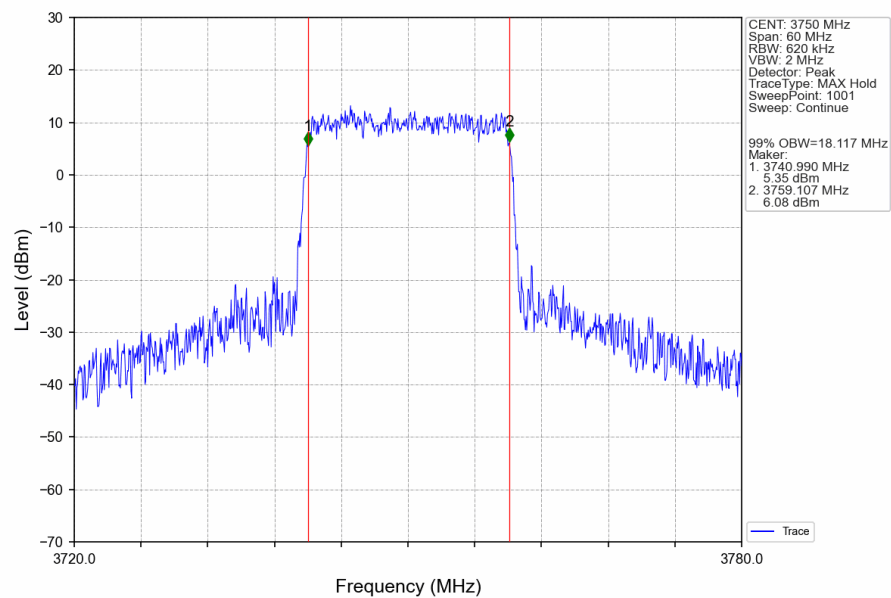
Band43d\_15MHz\_256QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



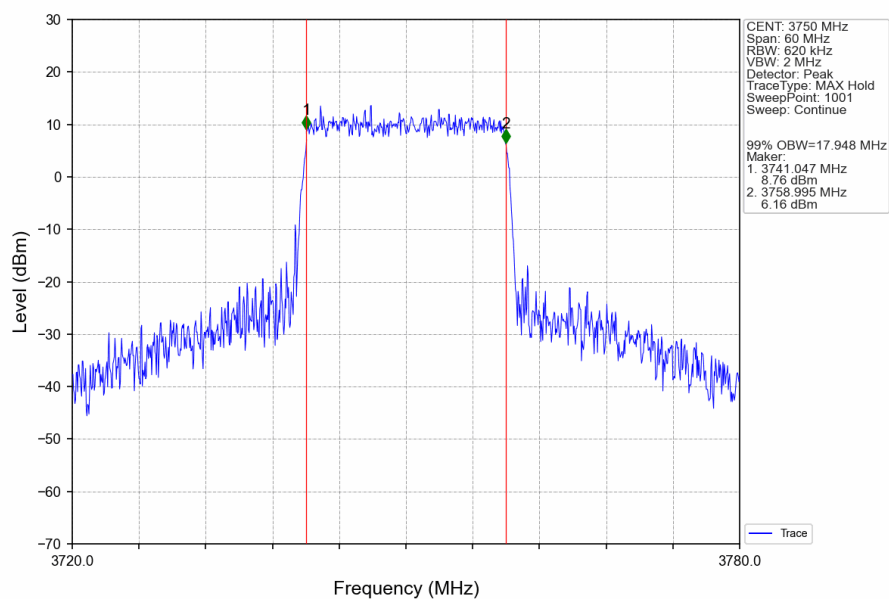
Band43d\_20MHz\_QPSK\_MCH\_3750MHz\_RB\_100\_0\_NTNV



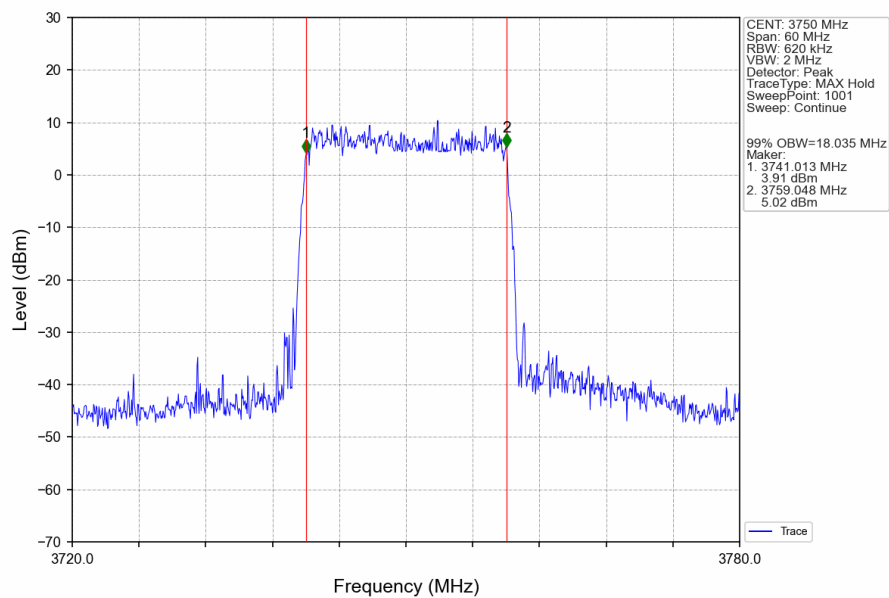
Band43d\_20MHz\_16QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



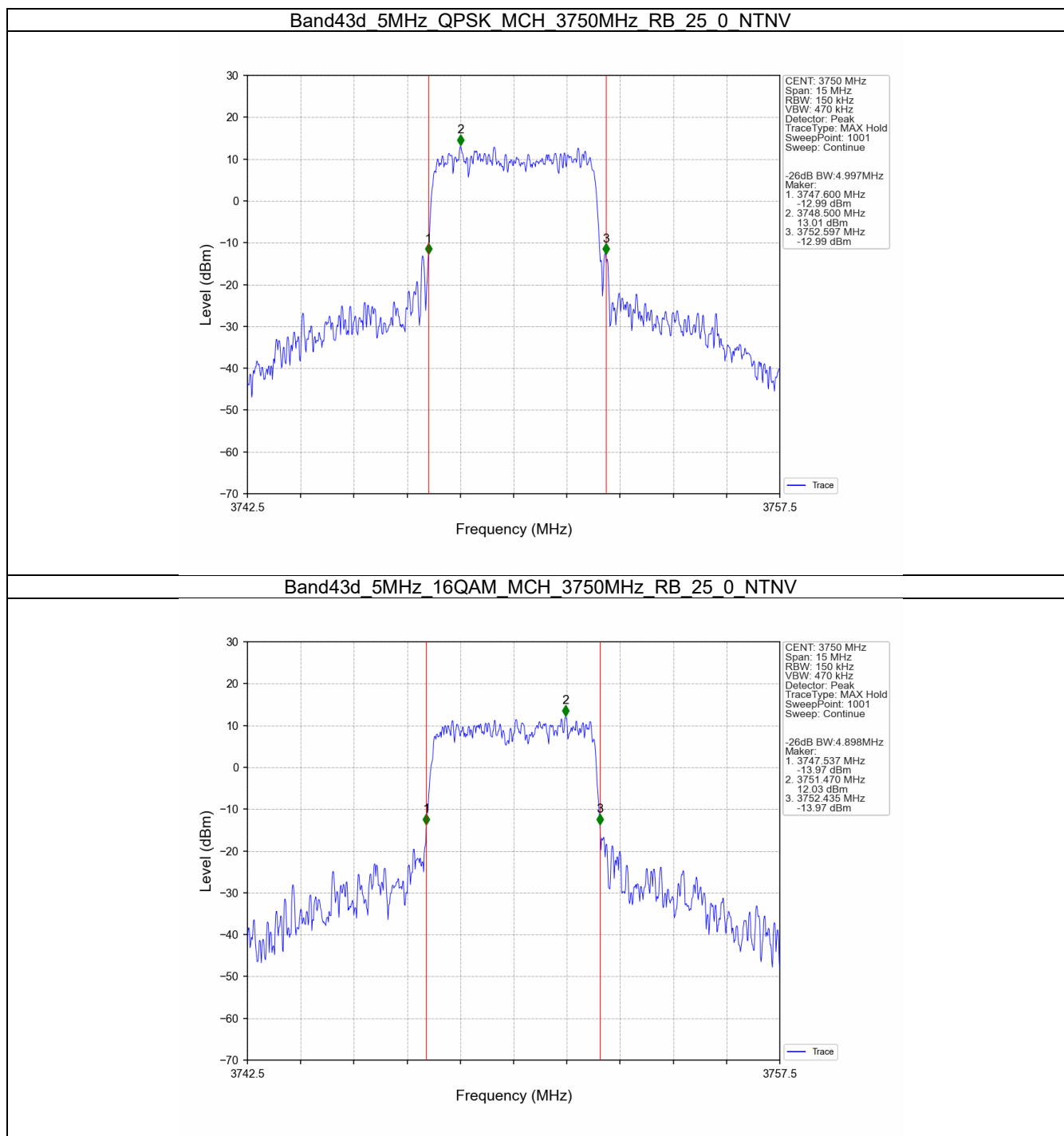
Band43d\_20MHz\_64QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



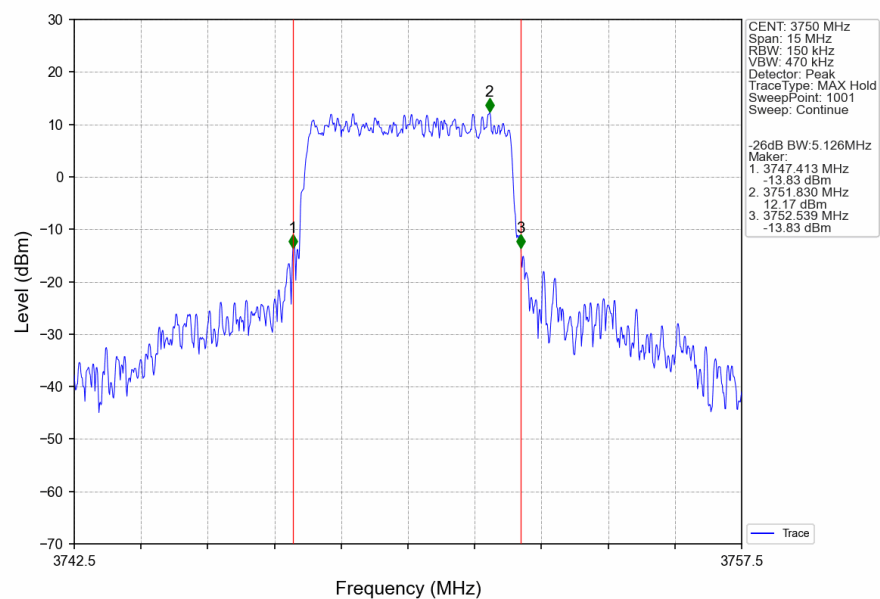
Band43d\_20MHz\_256QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



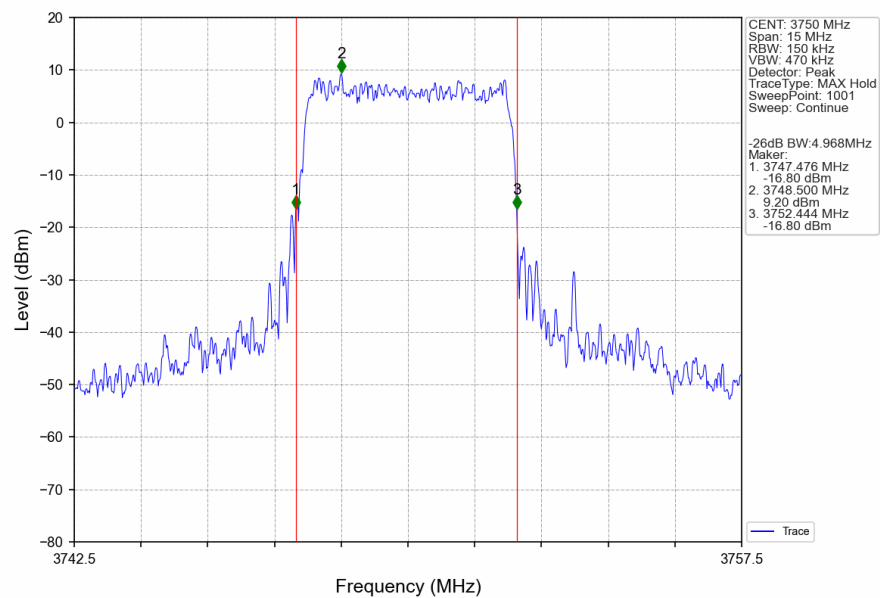
### 3.2.2 Band43d\_XDB



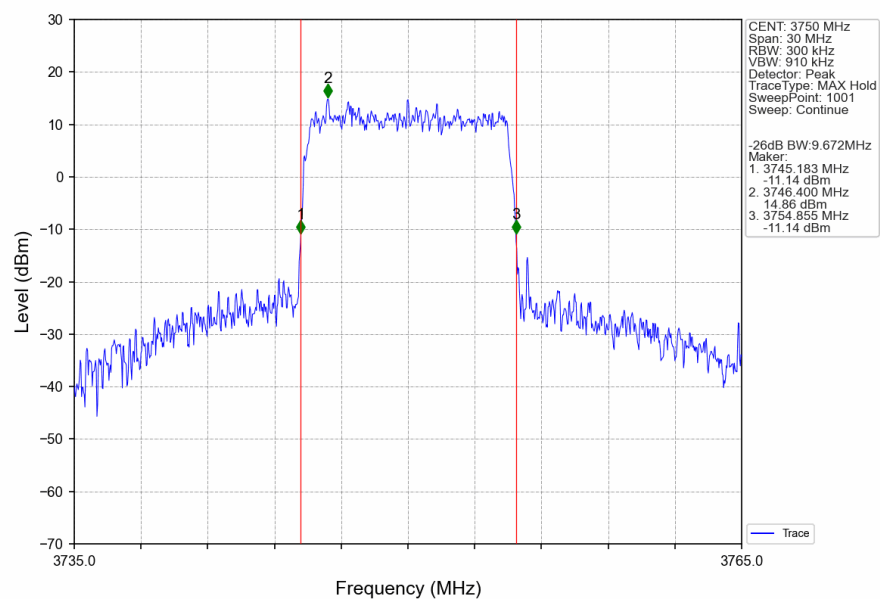
Band43d\_5MHz\_64QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



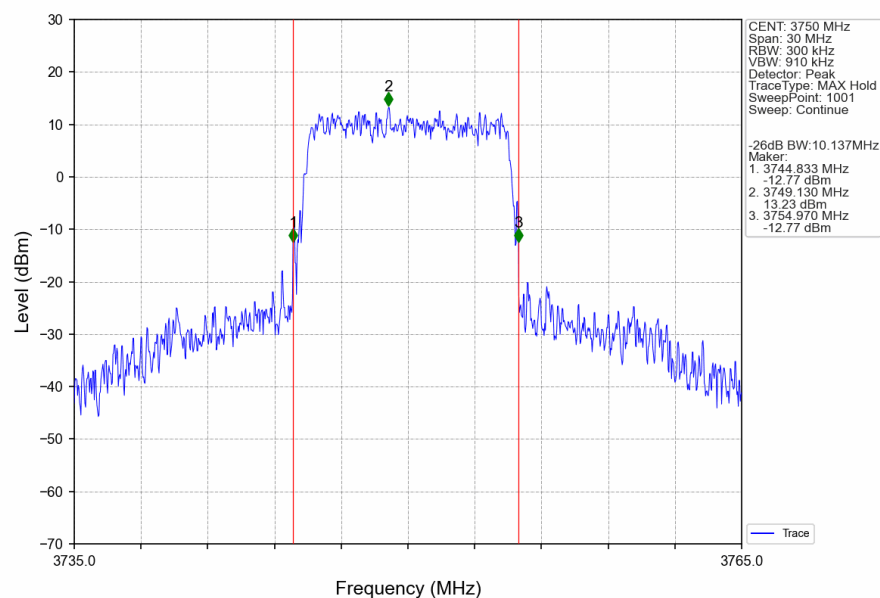
Band43d\_5MHz\_256QAM\_MCH\_3750MHz\_RB\_25\_0\_NTNV



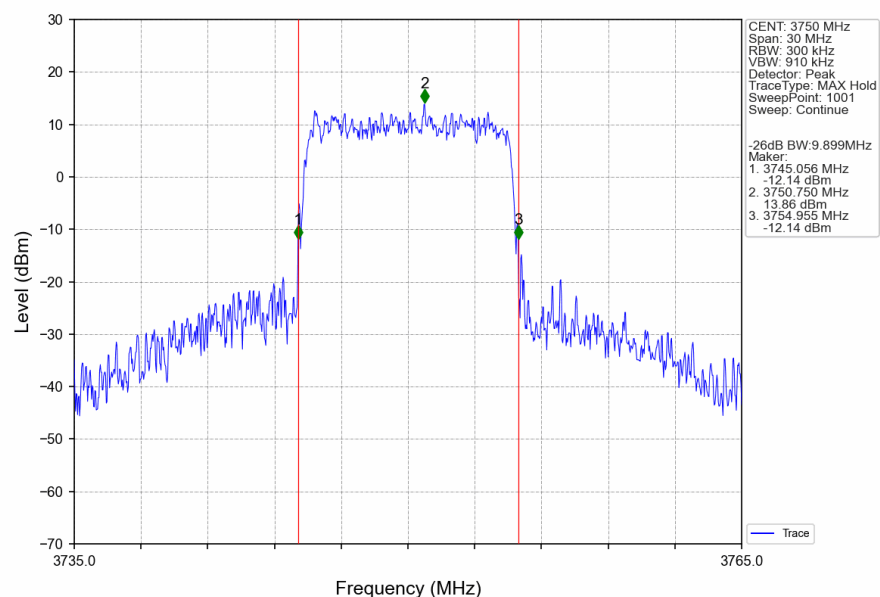
Band43d\_10MHz\_QPSK\_MCH\_3750MHz\_RB\_50\_0\_NTNV



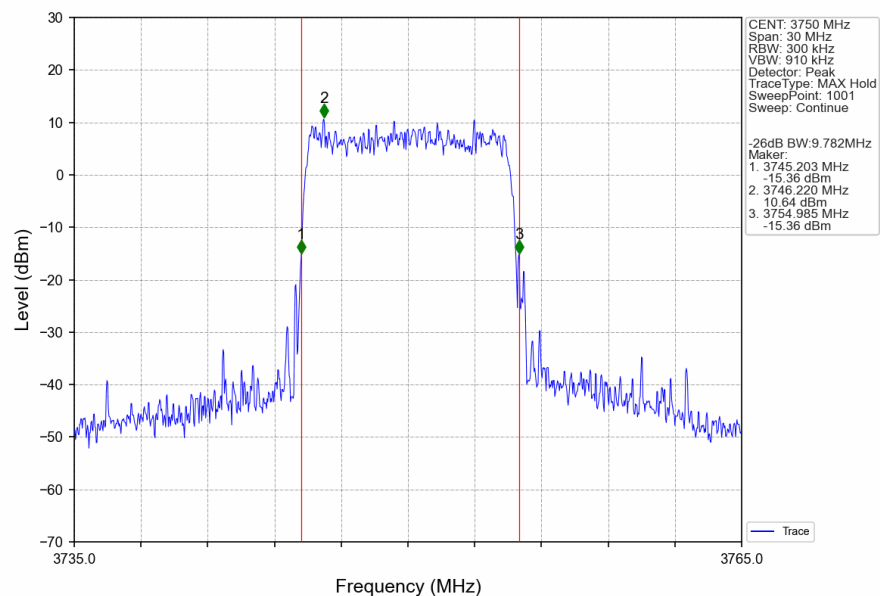
Band43d\_10MHz\_16QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



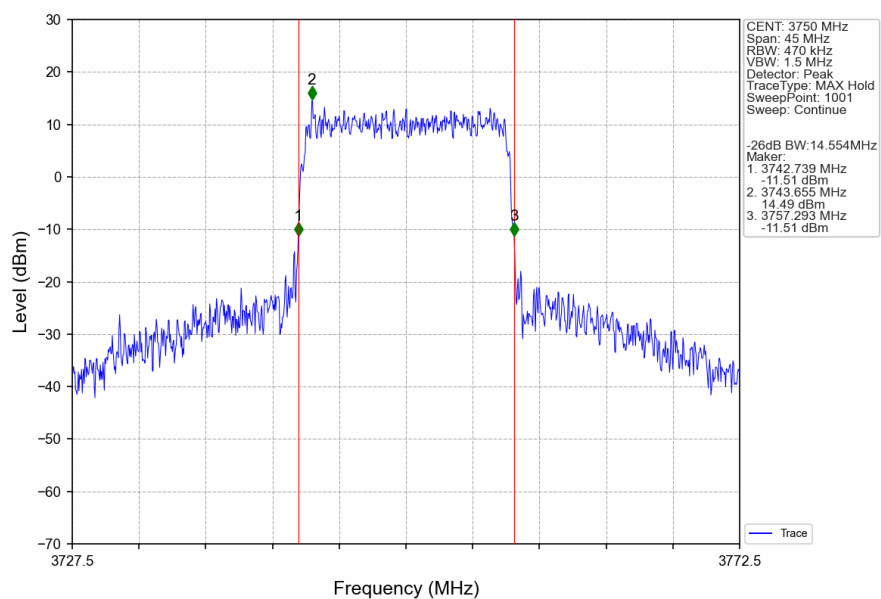
Band43d\_10MHz\_64QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



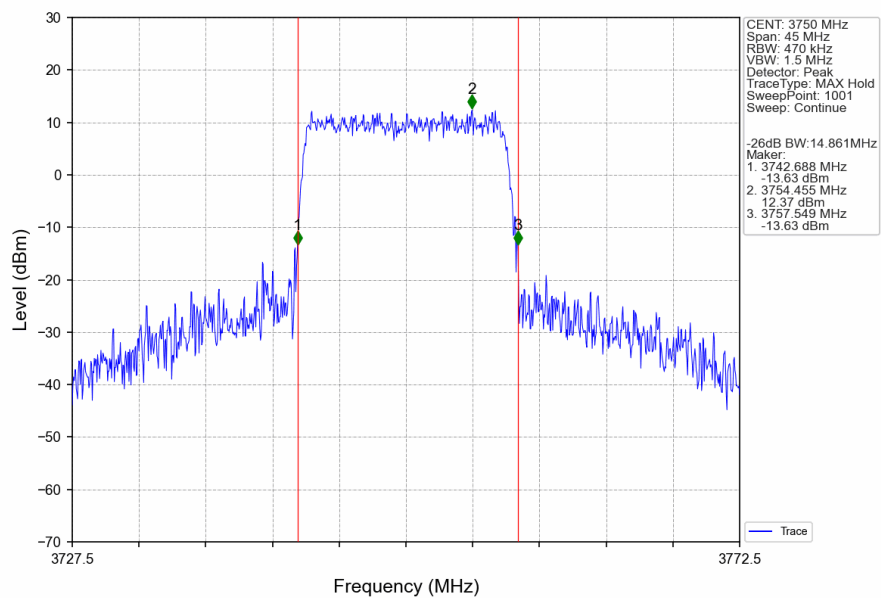
Band43d\_10MHz\_256QAM\_MCH\_3750MHz\_RB\_50\_0\_NTNV



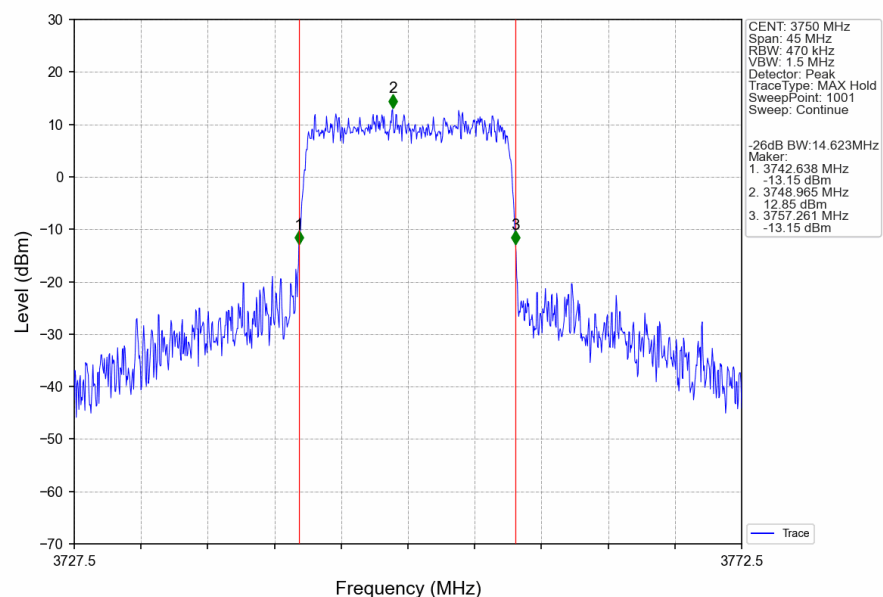
Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_75\_0\_NTNV



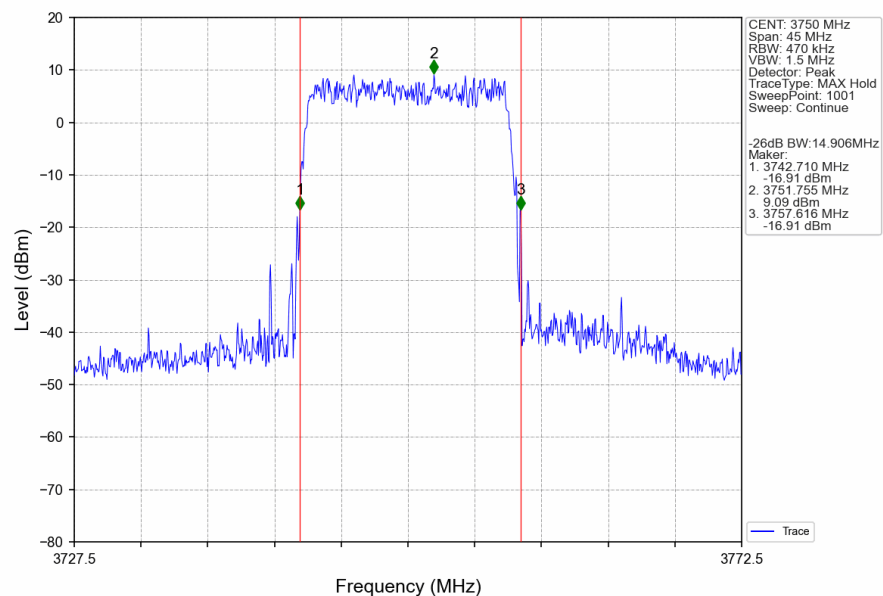
Band43d\_15MHz\_16QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



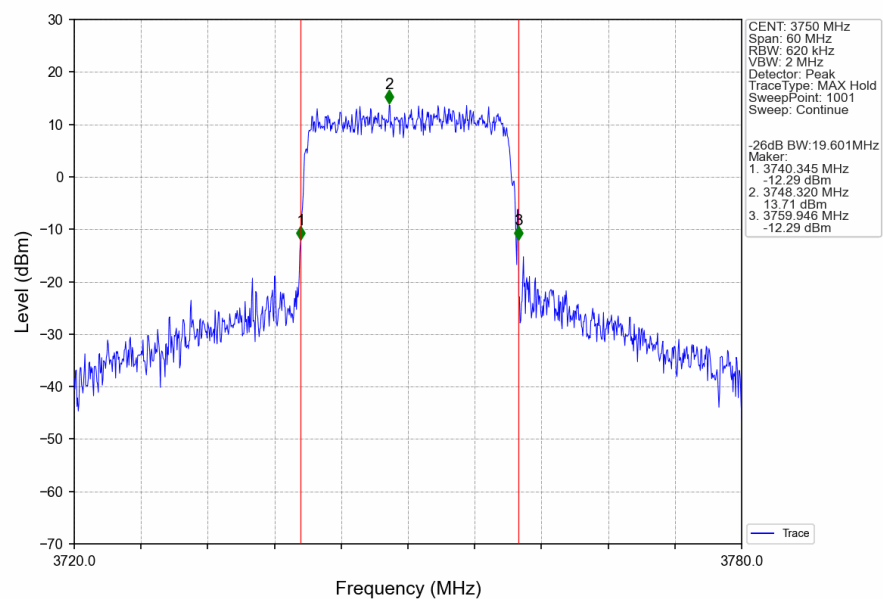
Band43d\_15MHz\_64QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



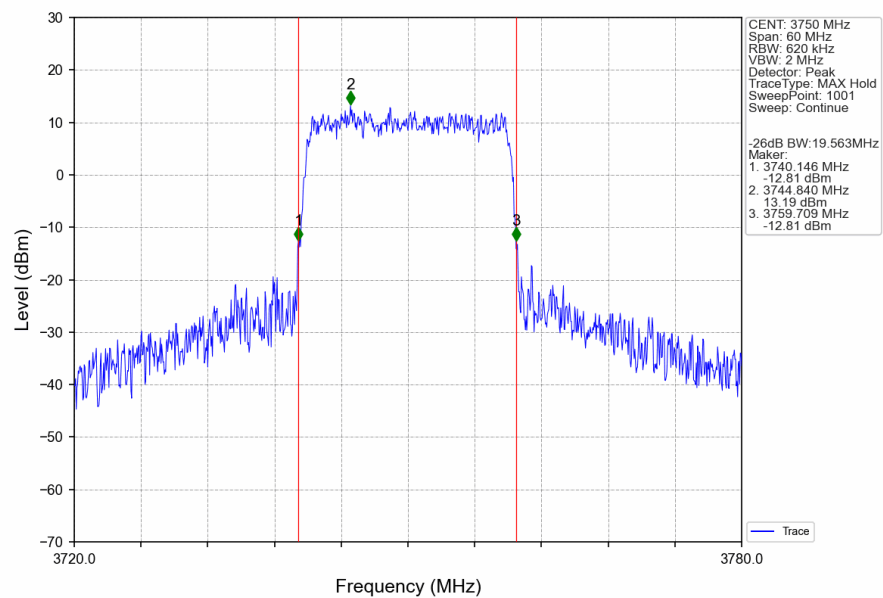
Band43d\_15MHz\_256QAM\_MCH\_3750MHz\_RB\_75\_0\_NTNV



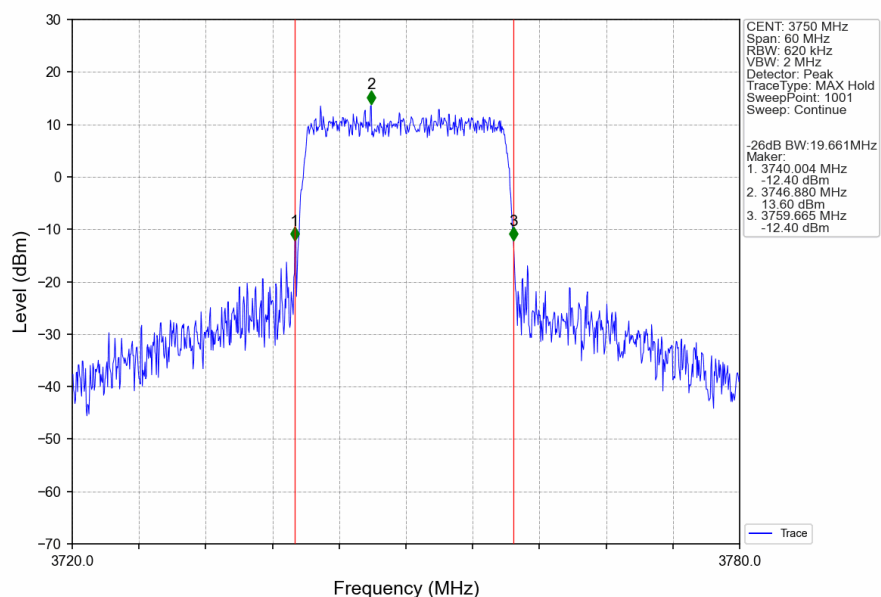
Band43d\_20MHz\_QPSK\_MCH\_3750MHz\_RB\_100\_0\_NTNV



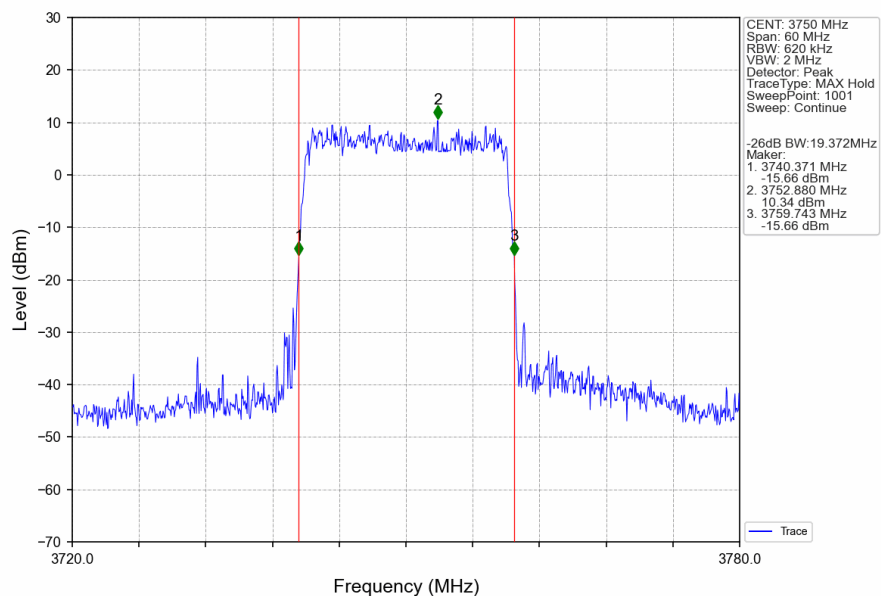
Band43d\_20MHz\_16QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



Band43d\_20MHz\_64QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



Band43d\_20MHz\_256QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV





## 4. Peak-Average Ratio

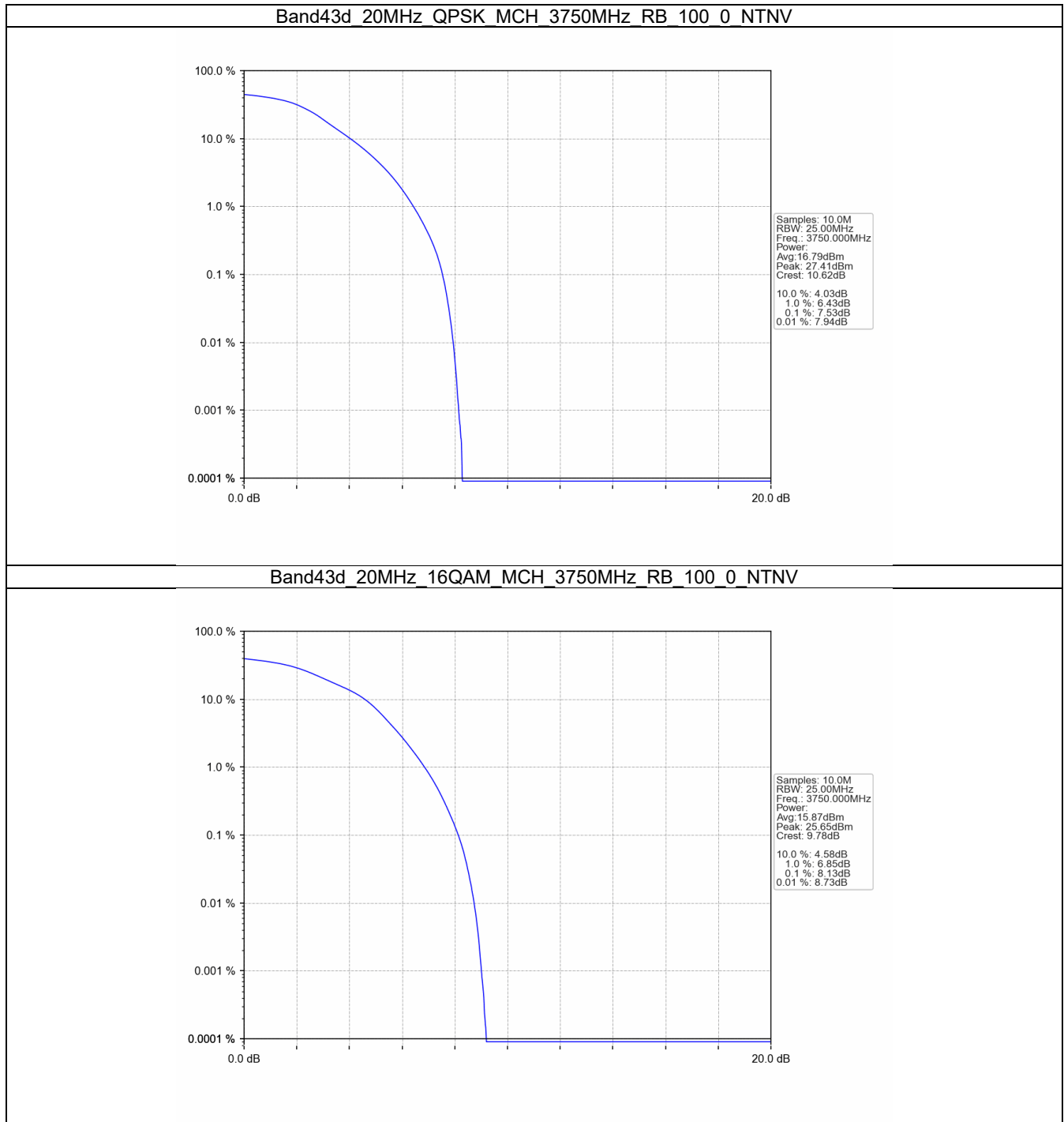
### 4.1 Test Result

#### 4.1.1 B43d\_20MHz

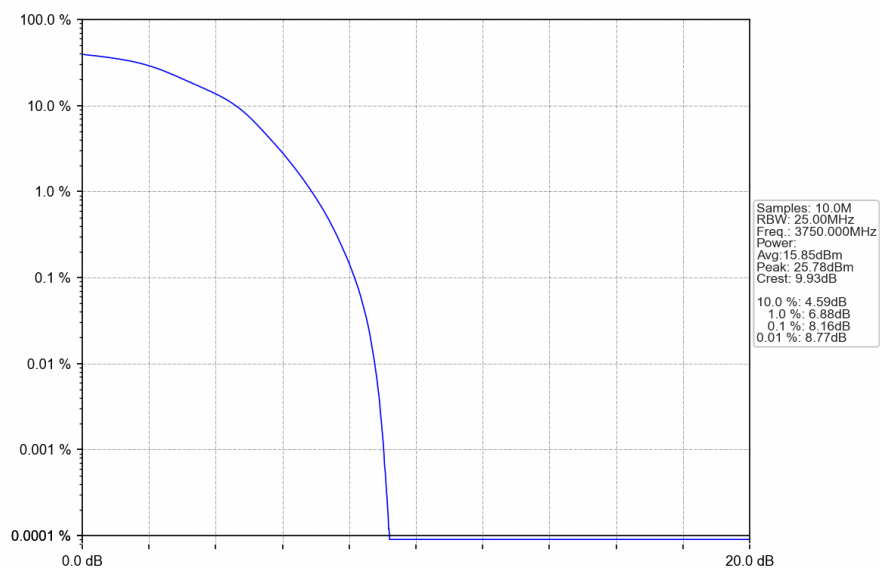
| Band: 43d / Bandwidth: 20MHz / NTN |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 3750               | 100           | 0      | 7.53                    | <=13  | Pass    |
| 16QAM                              | 3750               | 100           | 0      | 8.13                    | <=13  | Pass    |
| 64QAM                              | 3750               | 100           | 0      | 8.16                    | <=13  | Pass    |
| 256QAM                             | 3750               | 100           | 0      | 8.60                    | <=13  | Pass    |

## 4.2 Test Graph

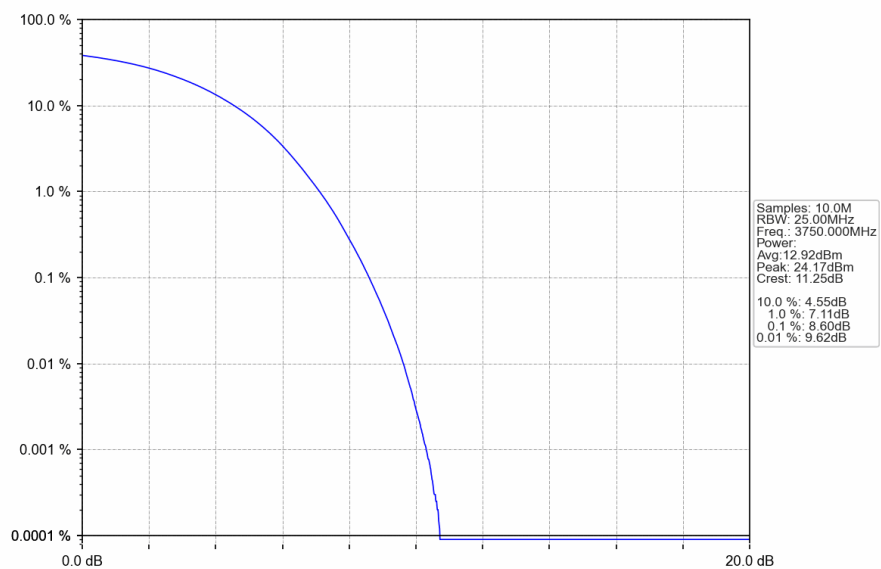
### 4.2.1 B43d\_20MHz



Band43d\_20MHz\_64QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



Band43d\_20MHz\_256QAM\_MCH\_3750MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B43d\_5MHz

| Band: 43d / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                    |                 | Size          | Offset | Result              | Limit |
| QPSK                               | 3702.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                    | 3750            | 1             | 0      | Refer To Test Graph | Pass  |
|                                    | 3797.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph | Pass  |

#### 5.1.2 B43d\_10MHz

| Band: 43d / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                     |                 | Size          | Offset | Result              | Limit |
| QPSK                                | 3705            | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                     | 3750            | 1             | 0      | Refer To Test Graph | Pass  |
|                                     | 3795            | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 49     | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |

#### 5.1.3 B43d\_15MHz

| Band: 43d / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                     |                 | Size          | Offset | Result              | Limit |
| QPSK                                | 3707.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                     | 3750            | 1             | 0      | Refer To Test Graph | Pass  |
|                                     | 3792.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 74     | Refer To Test Graph | Pass  |
|                                     |                 | 75            | 0      | Refer To Test Graph | Pass  |

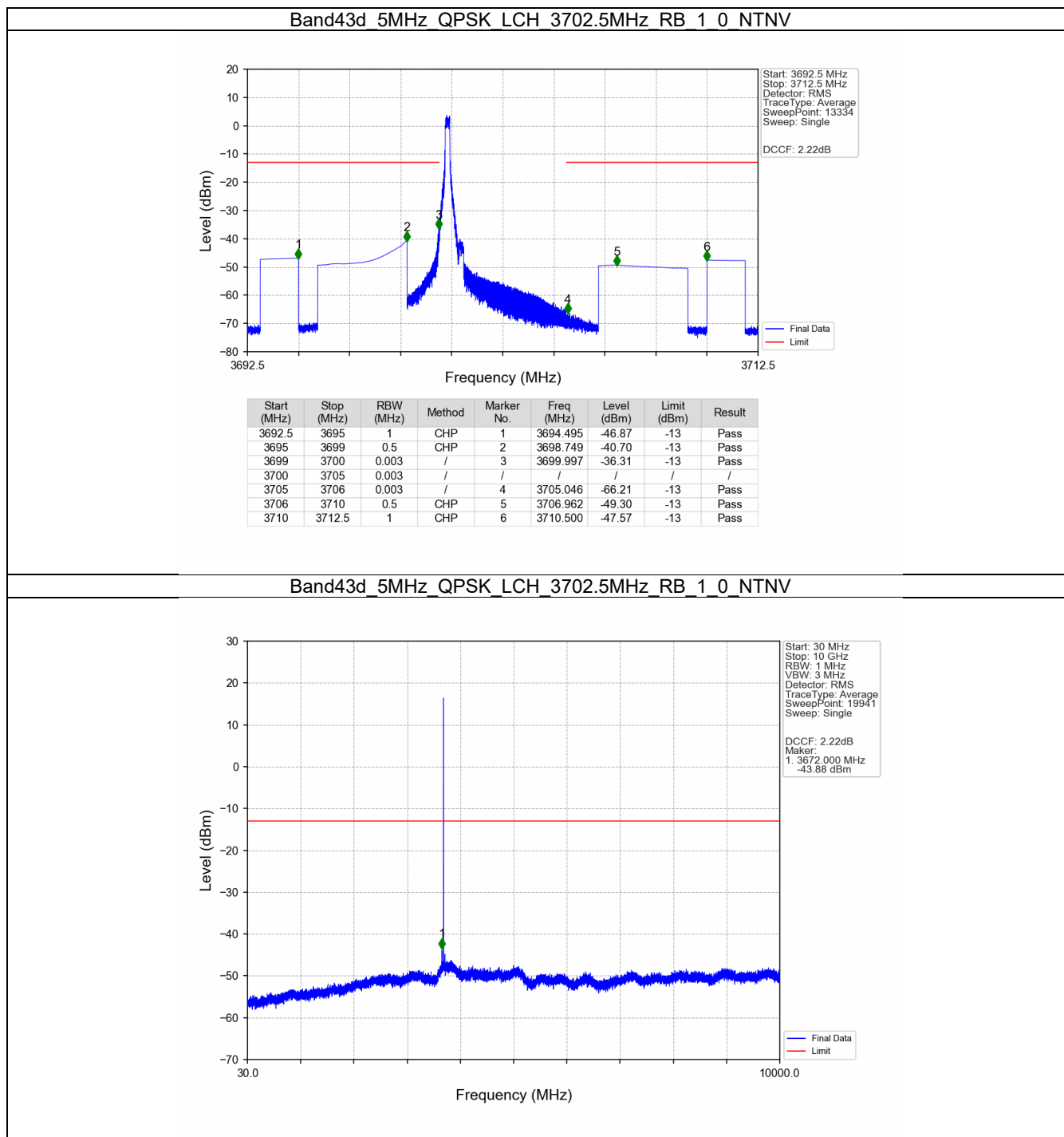


## 5.1.4 B43d\_20MHz

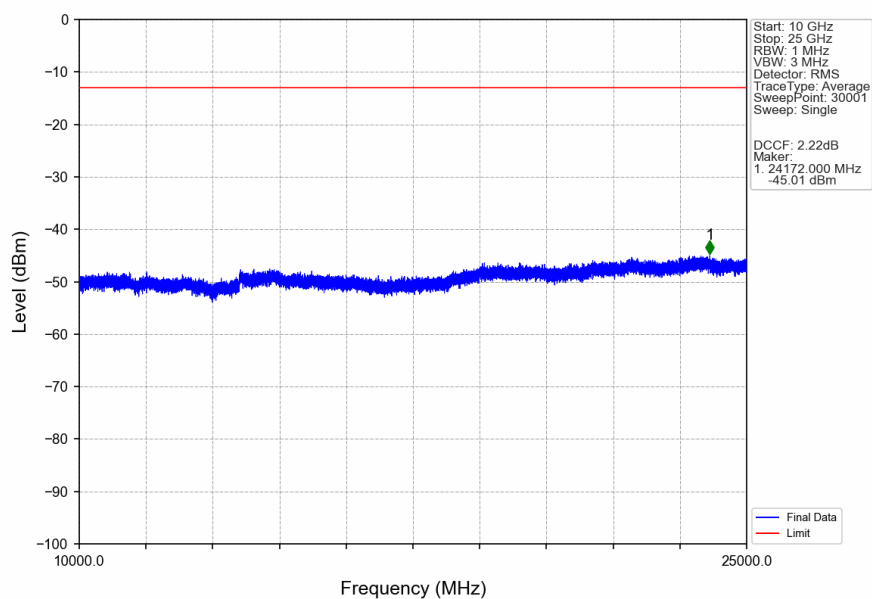
| Band: 43d / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 3710            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                     | 3750            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               |        | Refer To Test Graph |       | Pass    |
|                                     | 3790            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                     |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

## 5.2 Test Graph

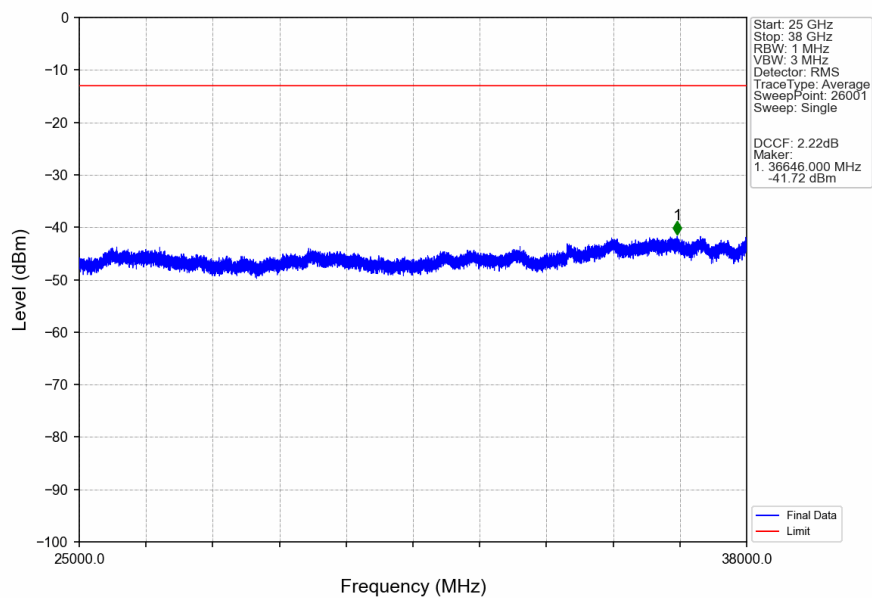
### 5.2.1 B43d\_5MHz



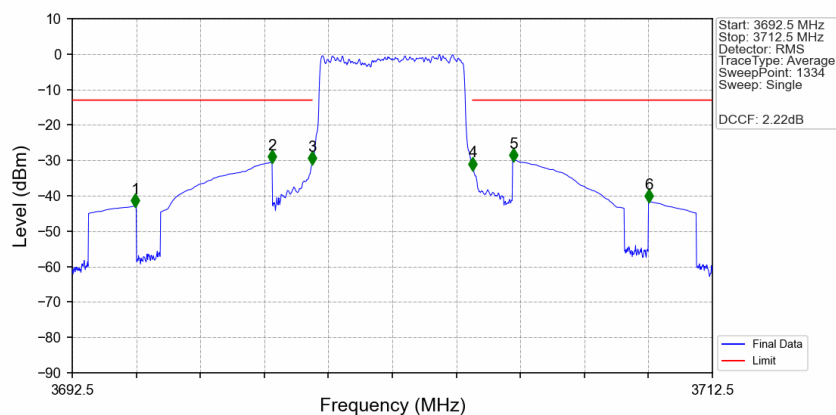
Band43d\_5MHz\_QPSK\_LCH\_3702.5MHz\_RB\_1\_0\_NTNV



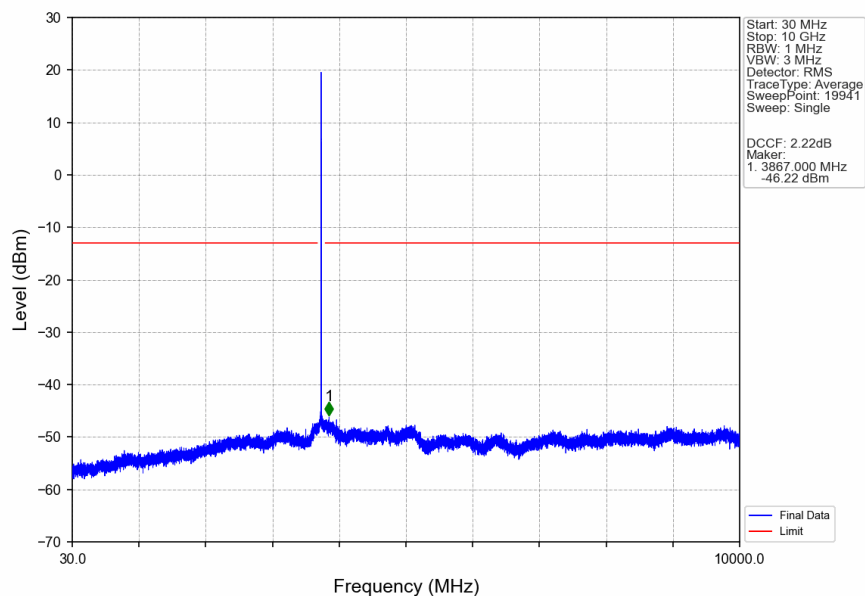
Band43d\_5MHz\_QPSK\_LCH\_3702.5MHz\_RB\_1\_0\_NTNV



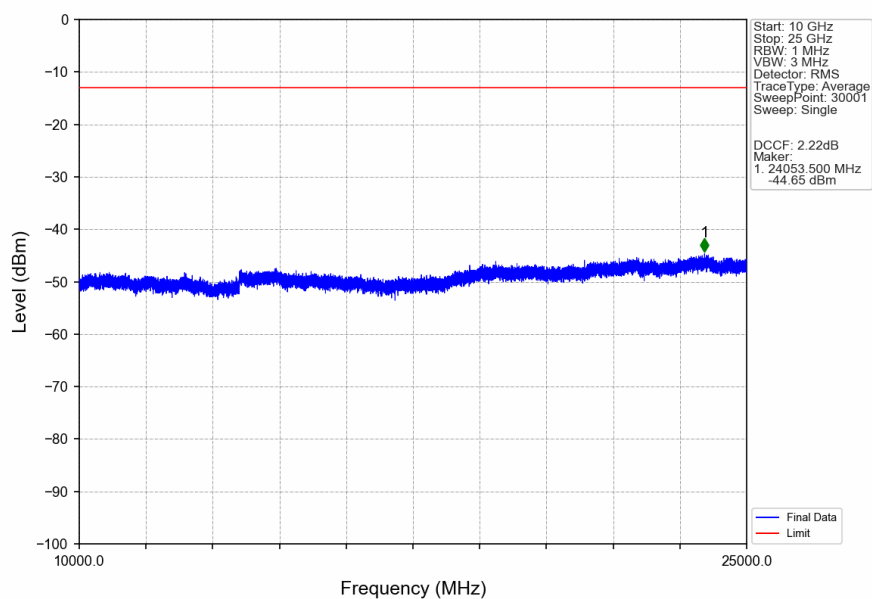
### Band43d\_5MHz\_QPSK\_LCH\_3702.5MHz\_RB\_25\_0\_NTNV



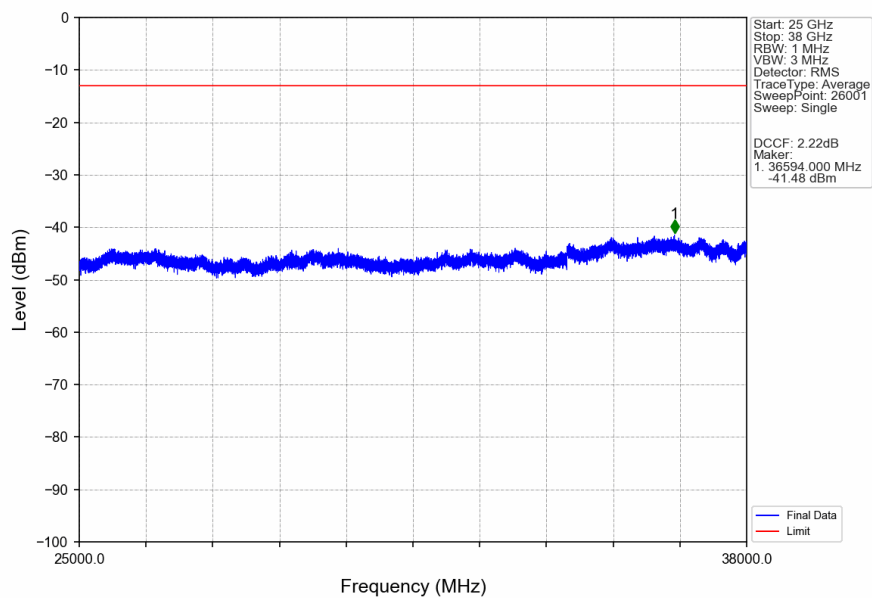
### Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



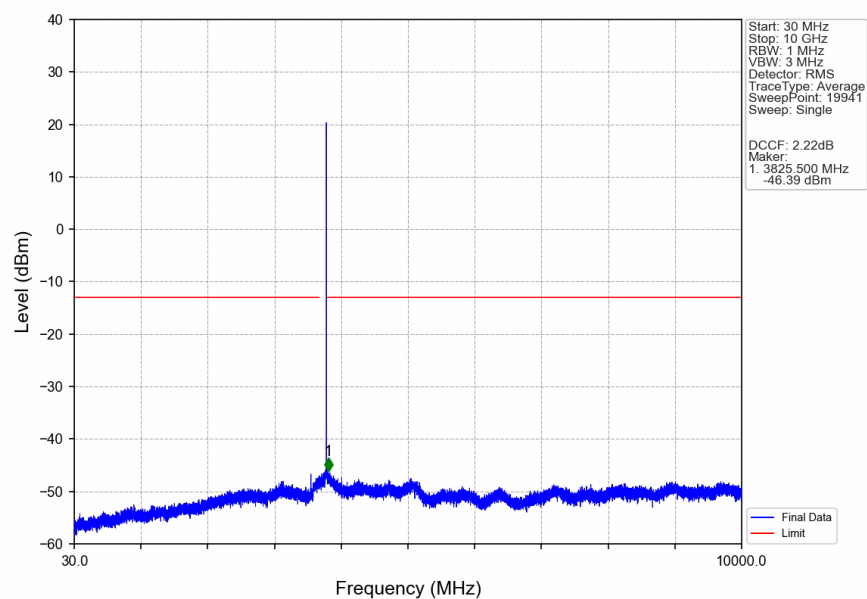
Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



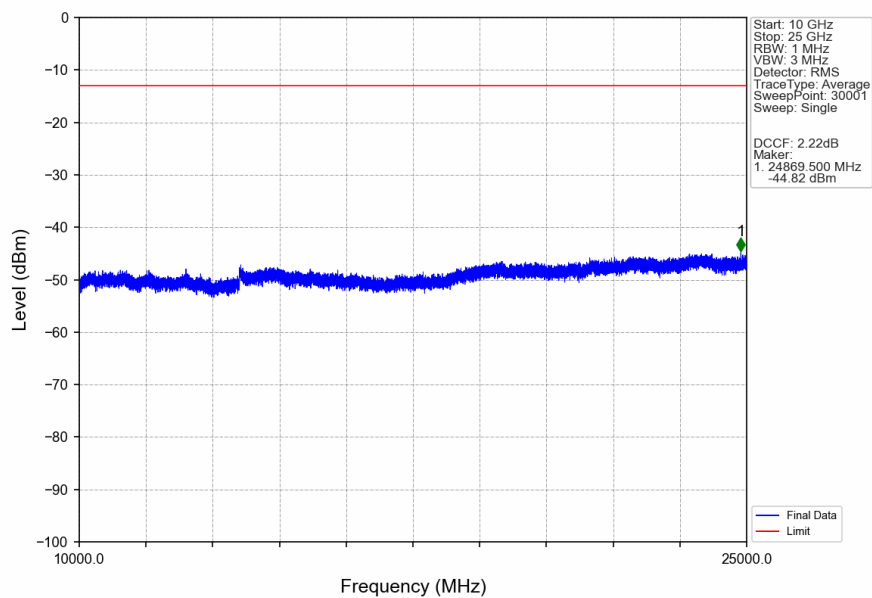
Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



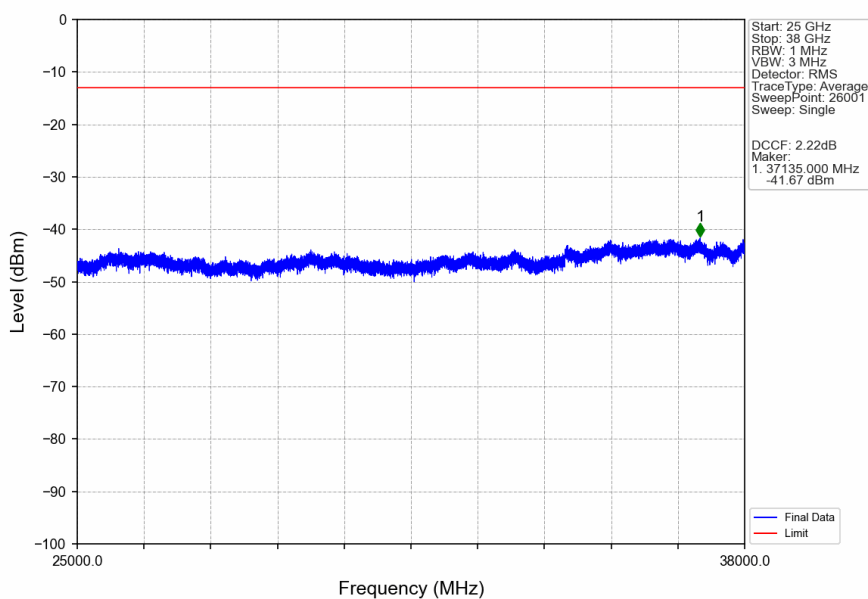
Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_0\_NTNV



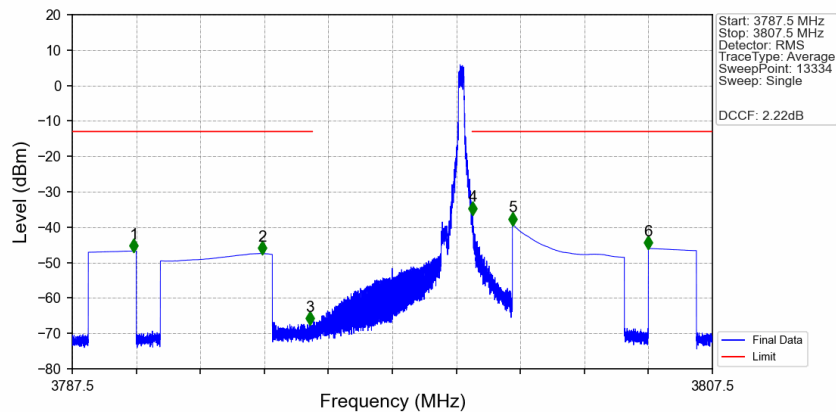
Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_0\_NTNV



Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_0\_NTNV

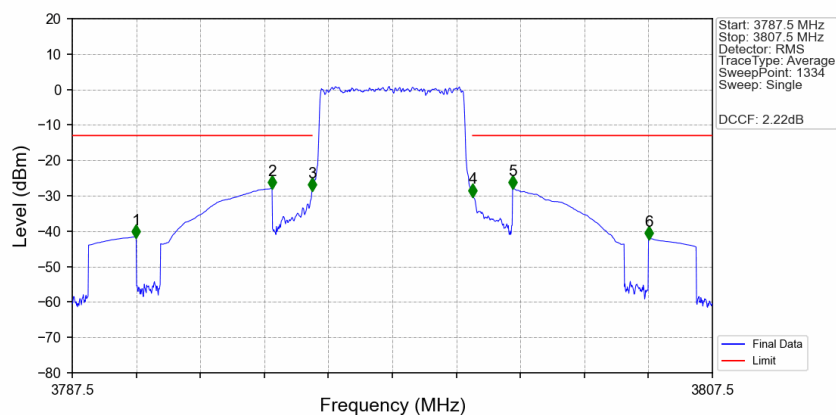


Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_24\_NTNV



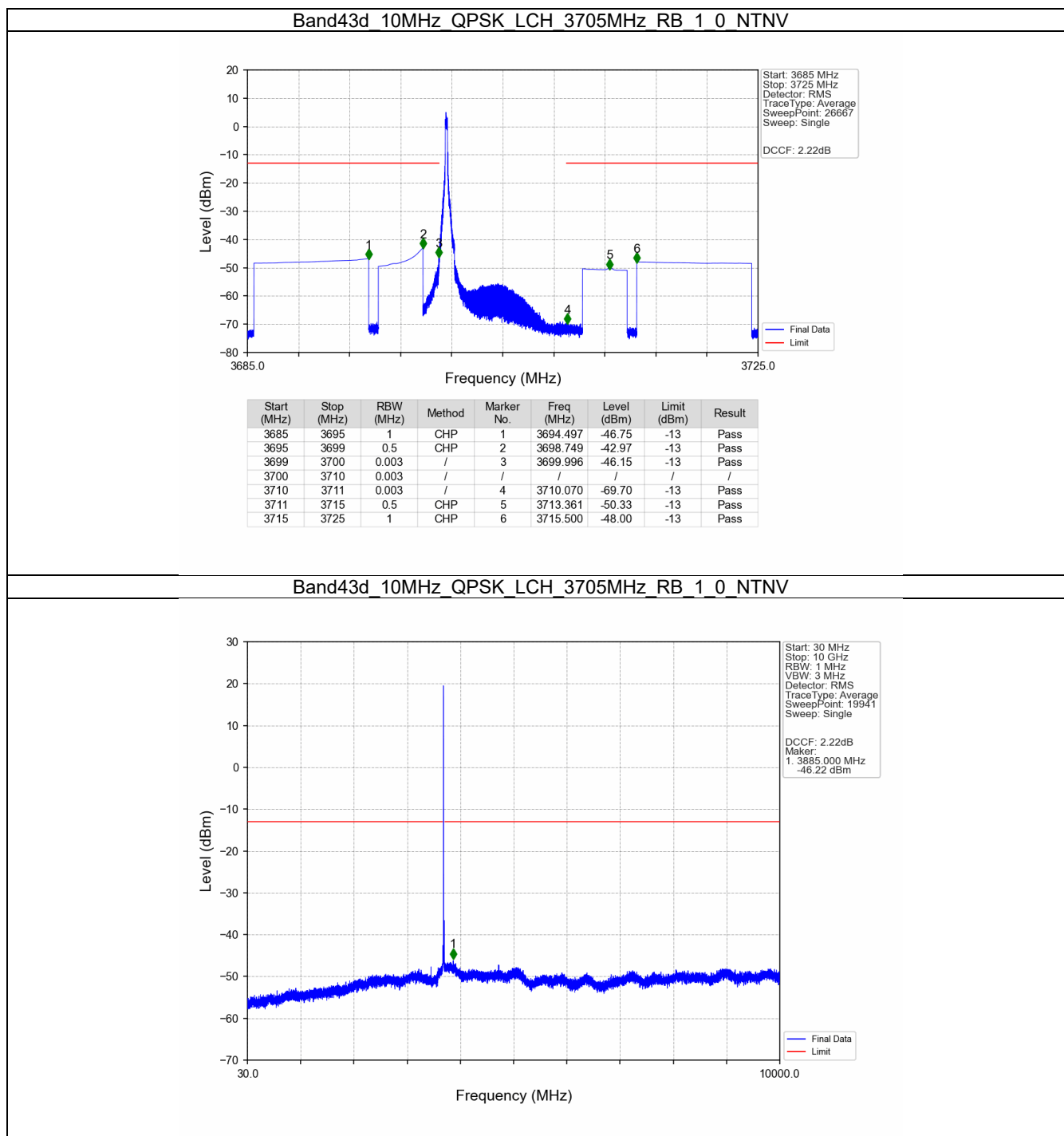
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3787.5      | 3790       | 1         | CHP    | 1          | 3789.425   | -46.75      | -13         | Pass   |
| 3790        | 3794       | 0.5       | CHP    | 2          | 3793.436   | -47.38      | -13         | Pass   |
| 3794        | 3795       | 0.003     | /      | 3          | 3794.924   | -67.24      | -13         | Pass   |
| 3795        | 3800       | 0.003     | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.003     | /      | 4          | 3800.009   | -36.20      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.251   | -39.18      | -13         | Pass   |
| 3805        | 3807.5     | 1         | CHP    | 6          | 3805.500   | -46.00      | -13         | Pass   |

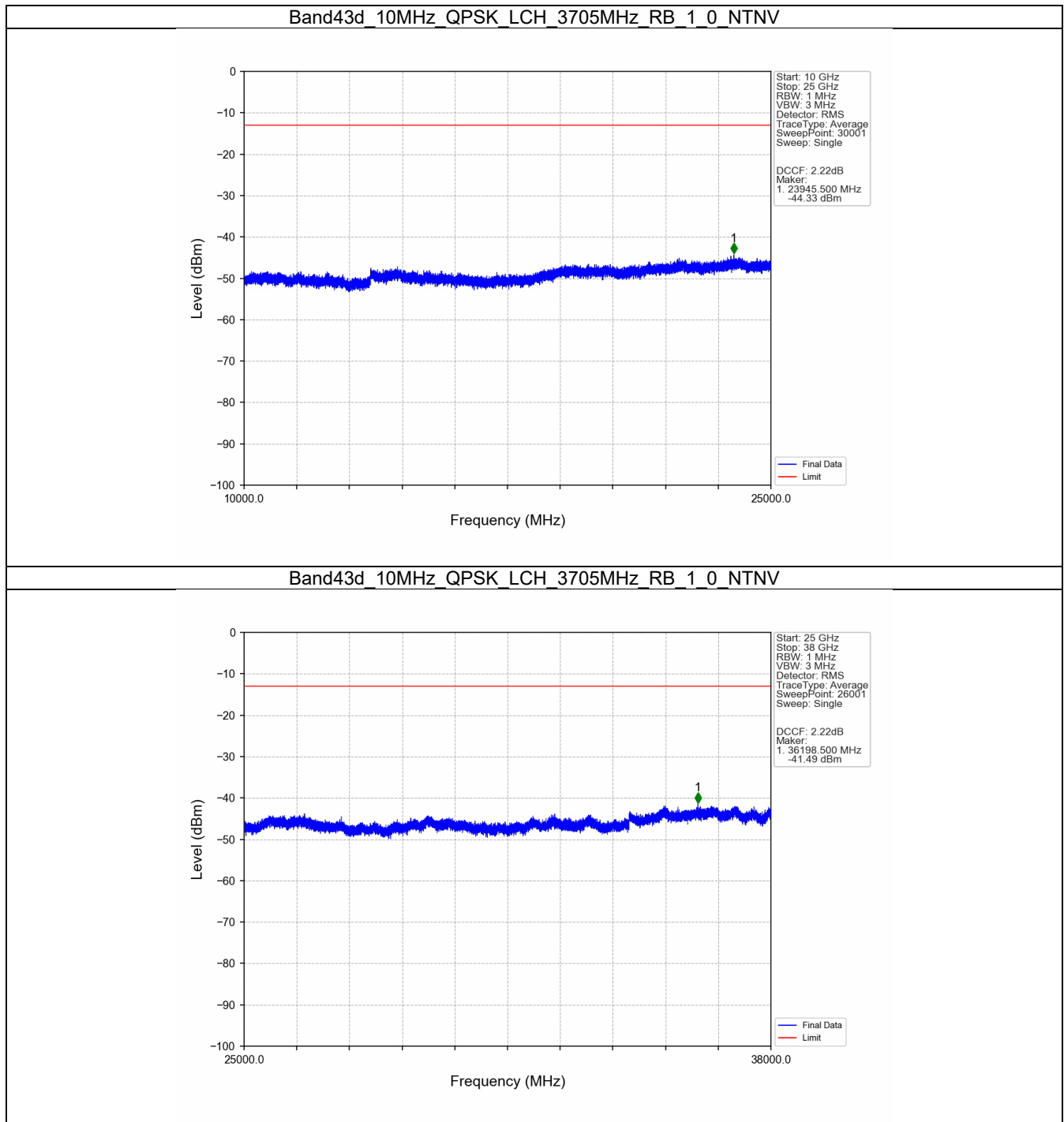
Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_25\_0\_NTNV



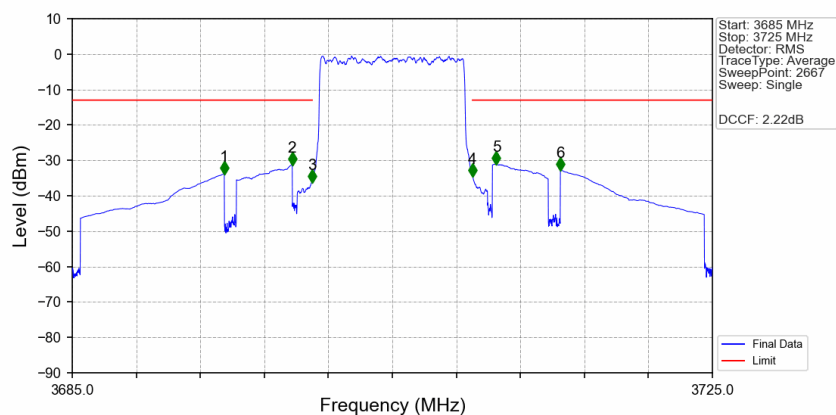
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3787.5      | 3790       | 1         | CHP    | 1          | 3789.495   | -41.66      | -13         | Pass   |
| 3790        | 3794       | 0.5       | CHP    | 2          | 3793.742   | -27.80      | -13         | Pass   |
| 3794        | 3795       | 0.05      | CHP    | 3          | 3794.987   | -28.42      | -13         | Pass   |
| 3795        | 3800       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.05      | CHP    | 4          | 3800.013   | -29.98      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.258   | -27.75      | -13         | Pass   |
| 3805        | 3807.5     | 1         | CHP    | 6          | 3805.505   | -42.09      | -13         | Pass   |

## 5.2.2 B43d\_10MHz



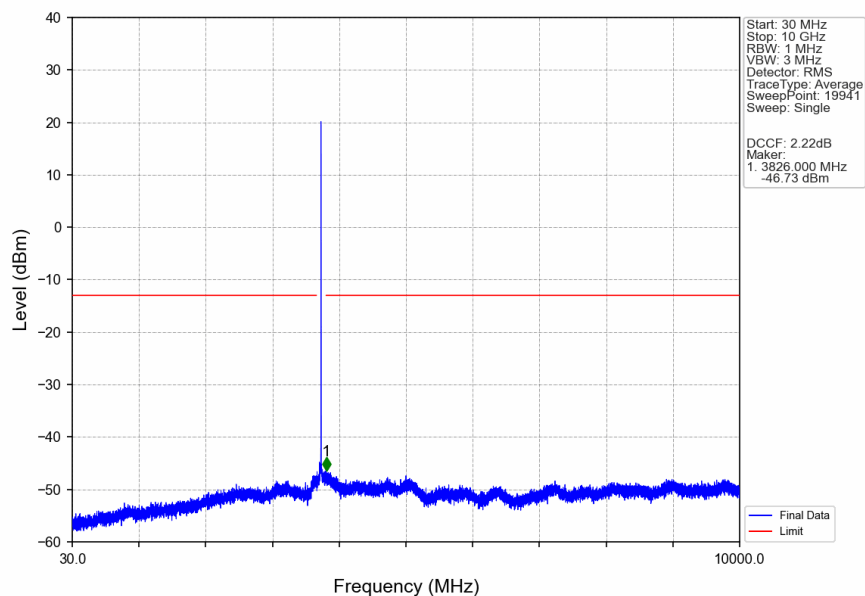


Band43d\_10MHz\_QPSK\_LCH\_3705MHz\_RB\_50\_0\_NTNV

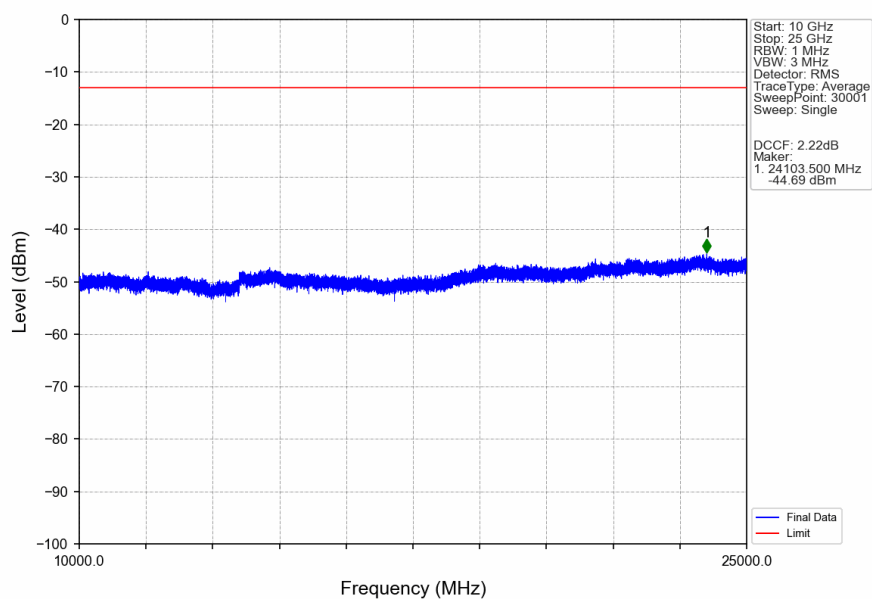


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3685        | 3695       | 1         | CHP    | 1          | 3694.497   | -33.73      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.743   | -31.12      | -13         | Pass   |
| 3699        | 3700       | 0.097     | CHP    | 3          | 3699.989   | -36.00      | -13         | Pass   |
| 3700        | 3710       | 0.097     | CHP    | /          | /          | /           | /           | /      |
| 3710        | 3711       | 0.097     | CHP    | 4          | 3710.011   | -34.32      | -13         | Pass   |
| 3711        | 3715       | 0.5       | CHP    | 5          | 3711.497   | -30.93      | -13         | Pass   |
| 3715        | 3725       | 1         | CHP    | 6          | 3715.503   | -32.69      | -13         | Pass   |

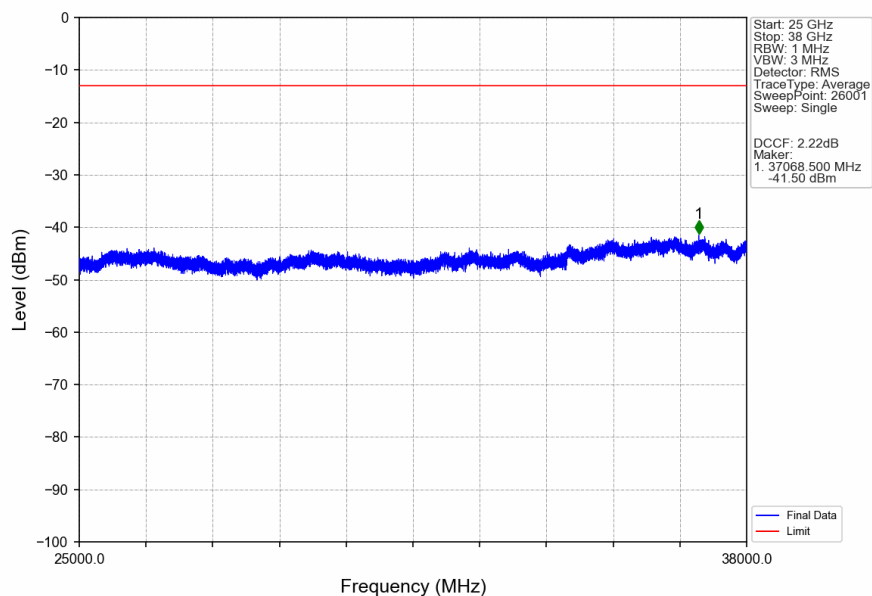
Band43d\_10MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



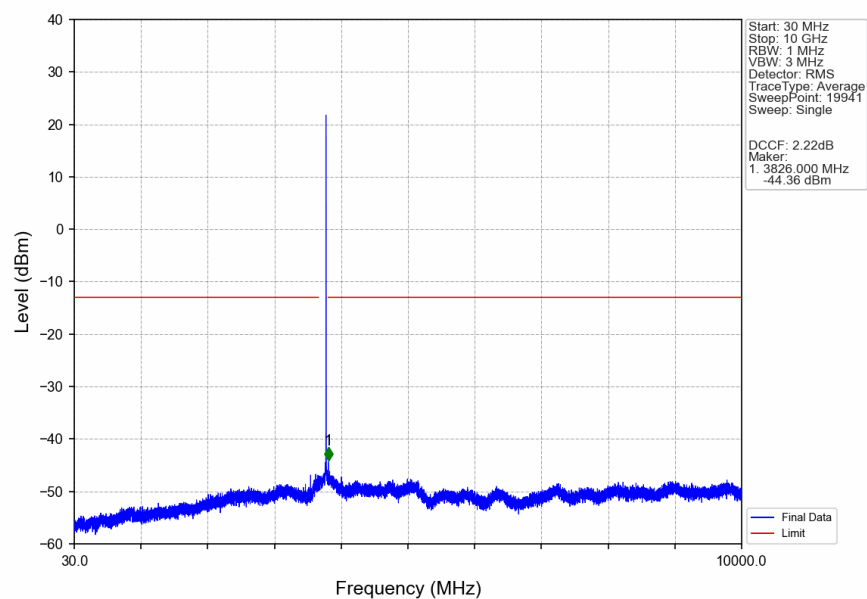
Band43d\_10MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



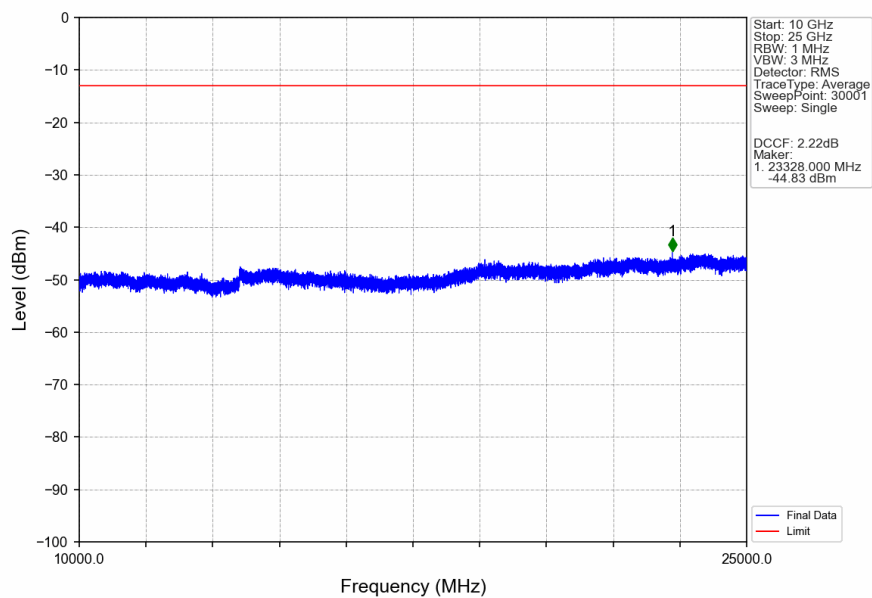
Band43d\_10MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



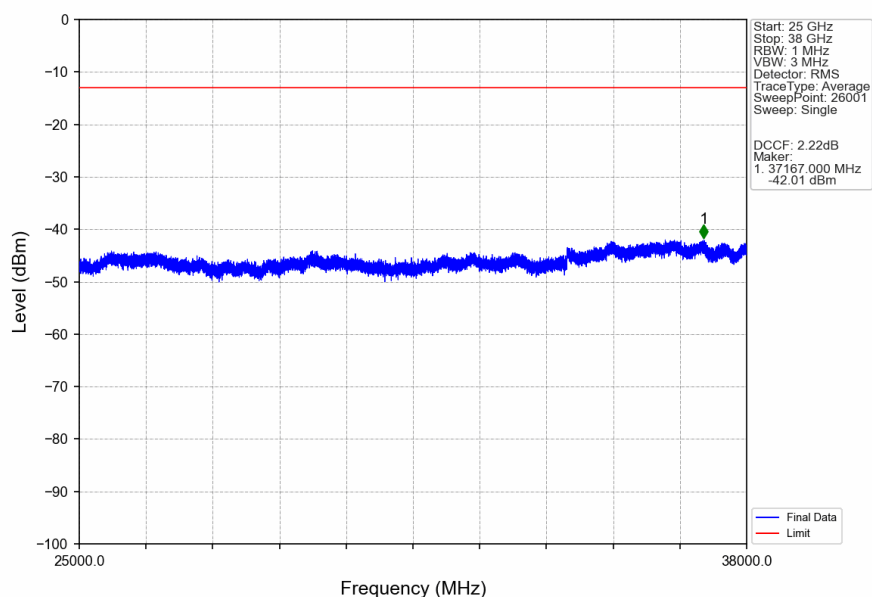
Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_1\_0\_NTNV



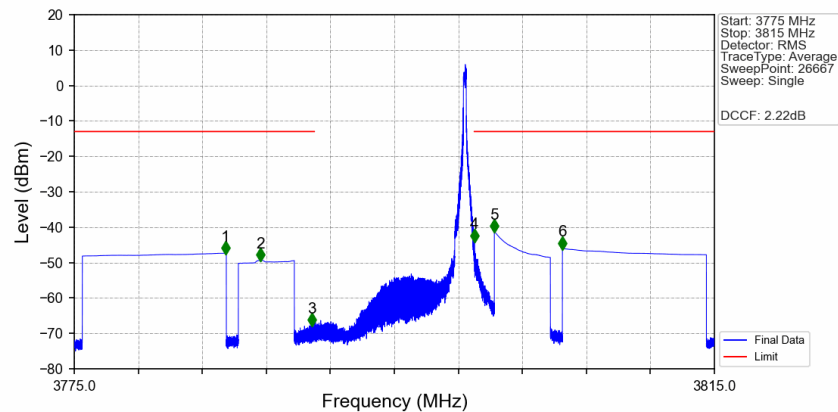
Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_1\_0\_NTNV



Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_1\_0\_NTNV

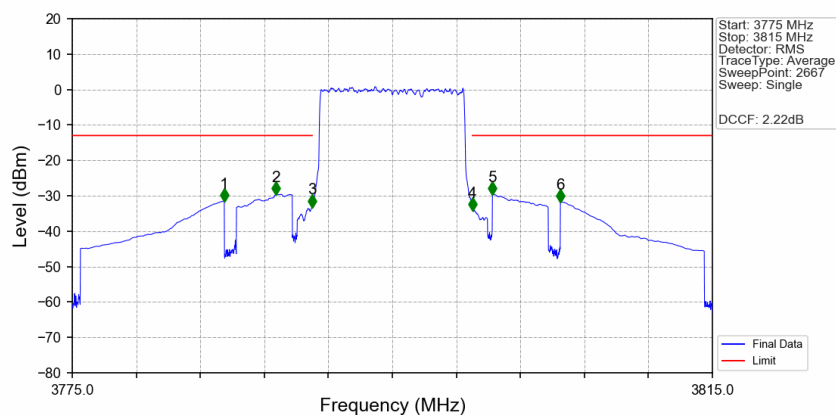


Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_1\_49\_NTNV



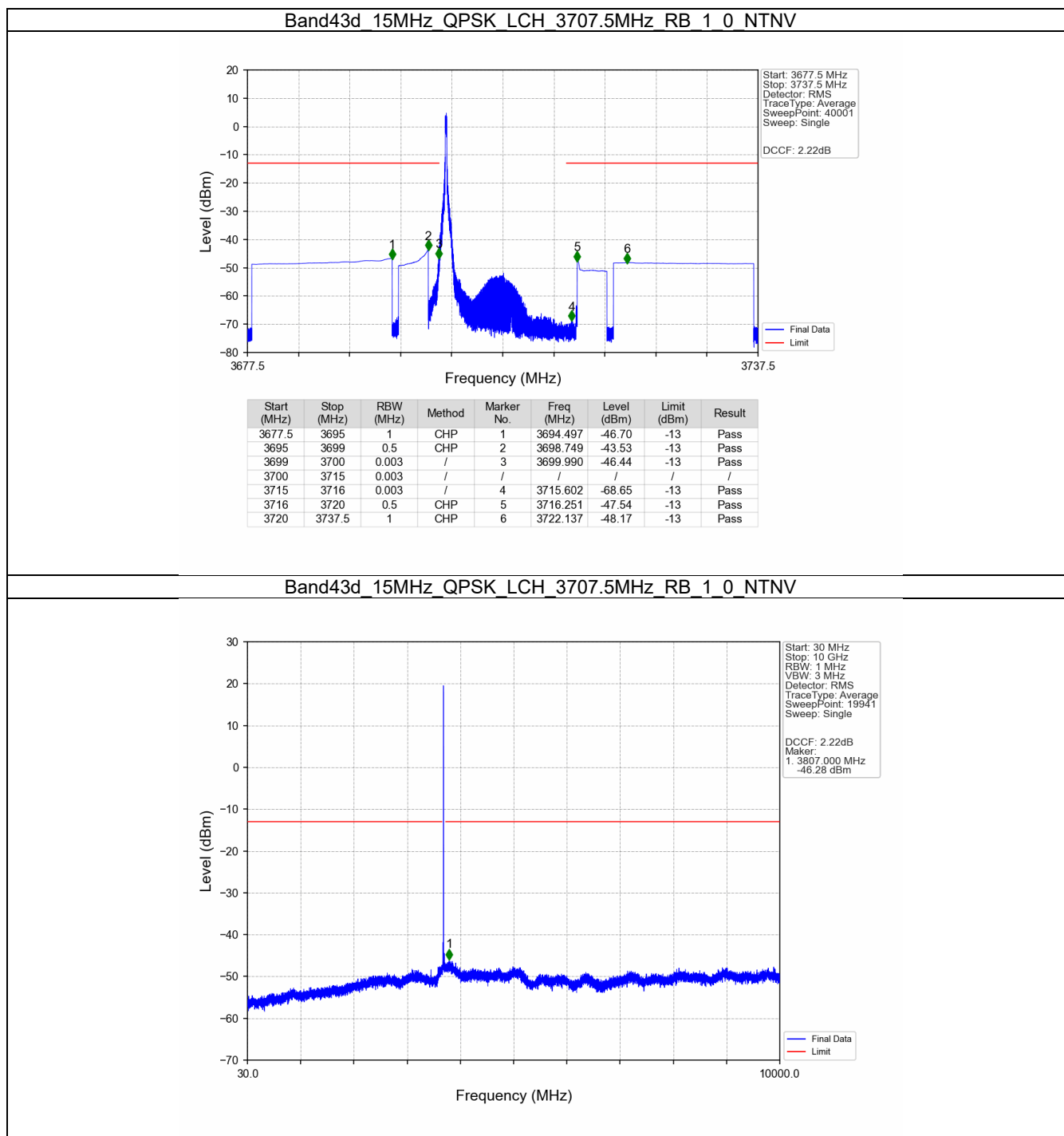
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3775        | 3785       | 1         | CHP    | 1          | 3784.443   | -47.36      | -13         | Pass   |
| 3785        | 3789       | 0.5       | CHP    | 2          | 3786.643   | -49.38      | -13         | Pass   |
| 3789        | 3790       | 0.003     | /      | 3          | 3789.850   | -67.67      | -13         | Pass   |
| 3790        | 3800       | 0.003     | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.003     | /      | 4          | 3800.003   | -43.92      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.251   | -41.20      | -13         | Pass   |
| 3805        | 3815       | 1         | CHP    | 6          | 3805.500   | -46.02      | -13         | Pass   |

Band43d\_10MHz\_QPSK\_HCH\_3795MHz\_RB\_50\_0\_NTNV

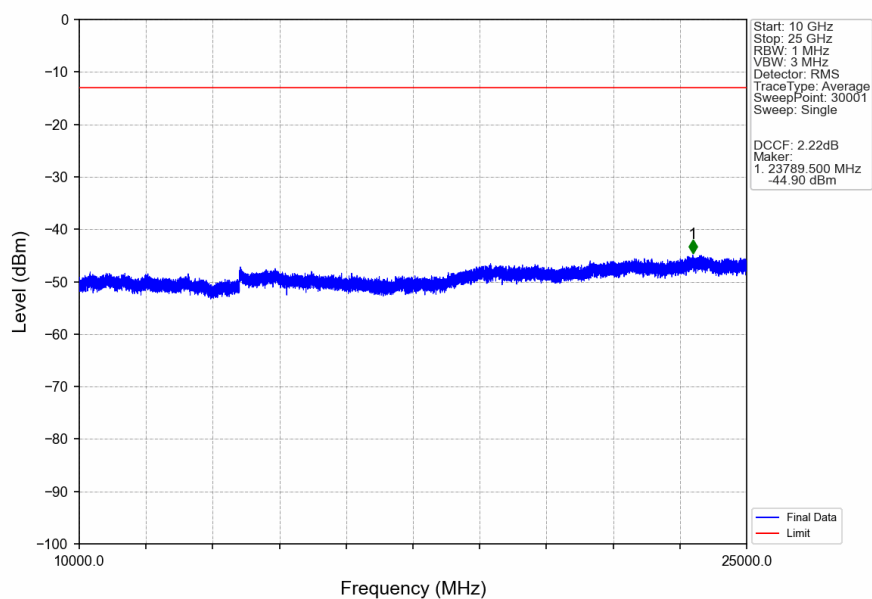


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3775        | 3785       | 1         | CHP    | 1          | 3784.497   | -31.46      | -13         | Pass   |
| 3785        | 3789       | 0.5       | CHP    | 2          | 3787.738   | -29.54      | -13         | Pass   |
| 3789        | 3790       | 0.097     | CHP    | 3          | 3789.989   | -33.02      | -13         | Pass   |
| 3790        | 3800       | 0.097     | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.097     | CHP    | 4          | 3800.011   | -33.97      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.257   | -29.51      | -13         | Pass   |
| 3805        | 3815       | 1         | CHP    | 6          | 3805.503   | -31.54      | -13         | Pass   |

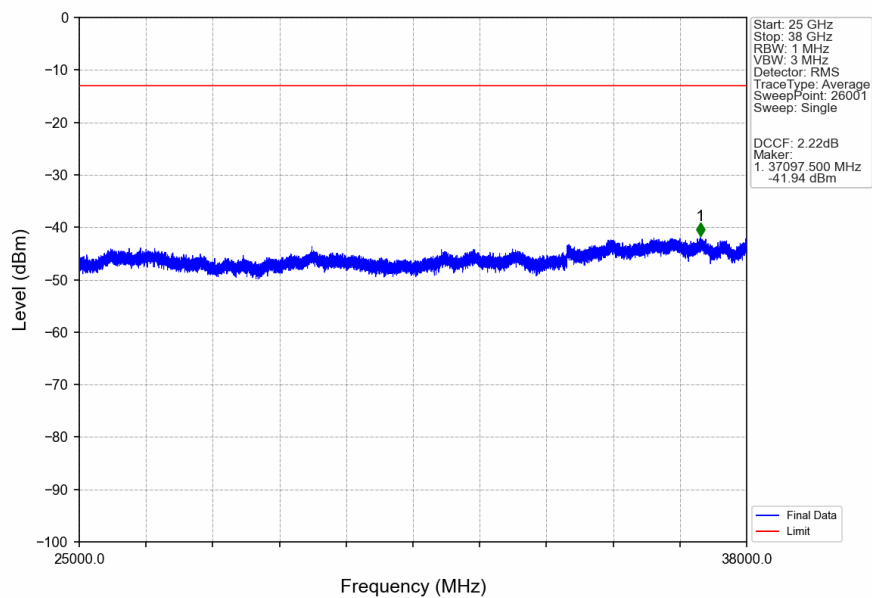
### 5.2.3 B43d\_15MHz



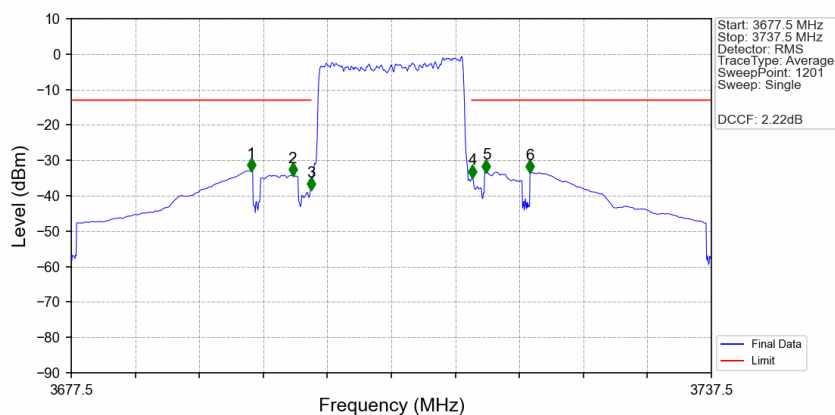
Band43d\_15MHz\_QPSK\_LCH\_3707.5MHz\_RB\_1\_0\_NTNV



Band43d\_15MHz\_QPSK\_LCH\_3707.5MHz\_RB\_1\_0\_NTNV

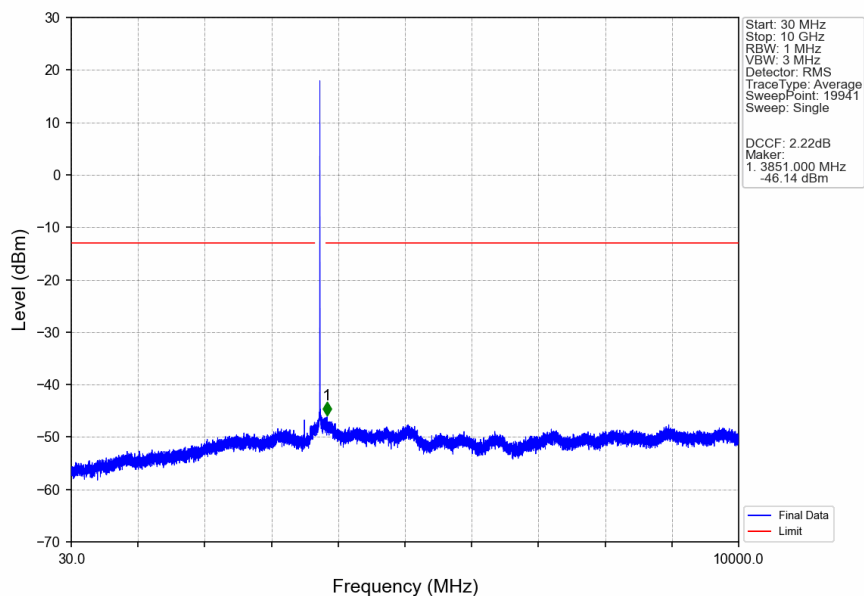


Band43d\_15MHz\_QPSK\_LCH\_3707.5MHz\_RB\_75\_0\_NTNV

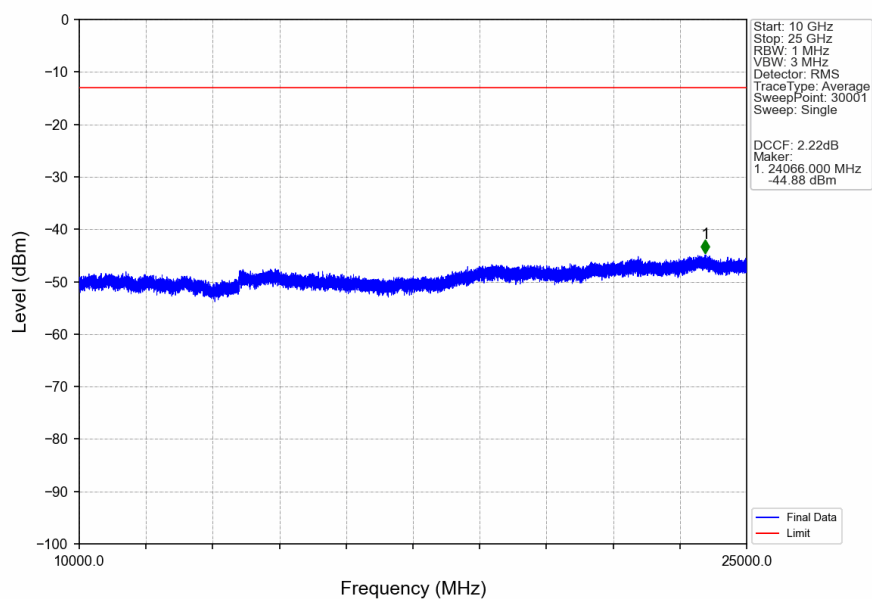


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3677.5      | 3695       | 1         | CHP    | 1          | 3694.350   | -32.92      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.250   | -34.07      | -13         | Pass   |
| 3699        | 3700       | 0.146     | CHP    | 3          | 3699.950   | -38.20      | -13         | Pass   |
| 3700        | 3715       | 0.146     | CHP    | /          | /          | /           | /           | /      |
| 3715        | 3716       | 0.146     | CHP    | 4          | 3715.100   | -34.68      | -13         | Pass   |
| 3716        | 3720       | 0.5       | CHP    | 5          | 3716.400   | -33.14      | -13         | Pass   |
| 3720        | 3737.5     | 1         | CHP    | 6          | 3720.500   | -33.22      | -13         | Pass   |

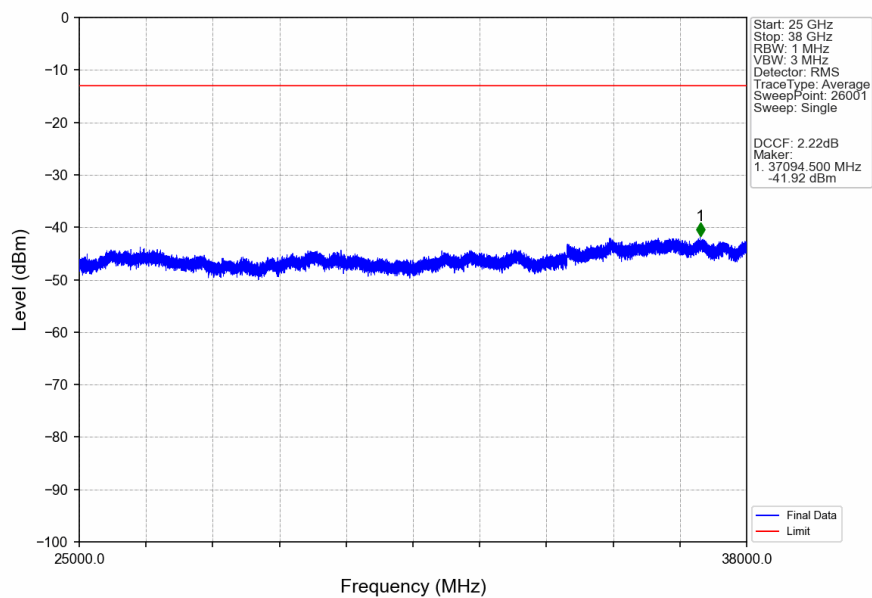
Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



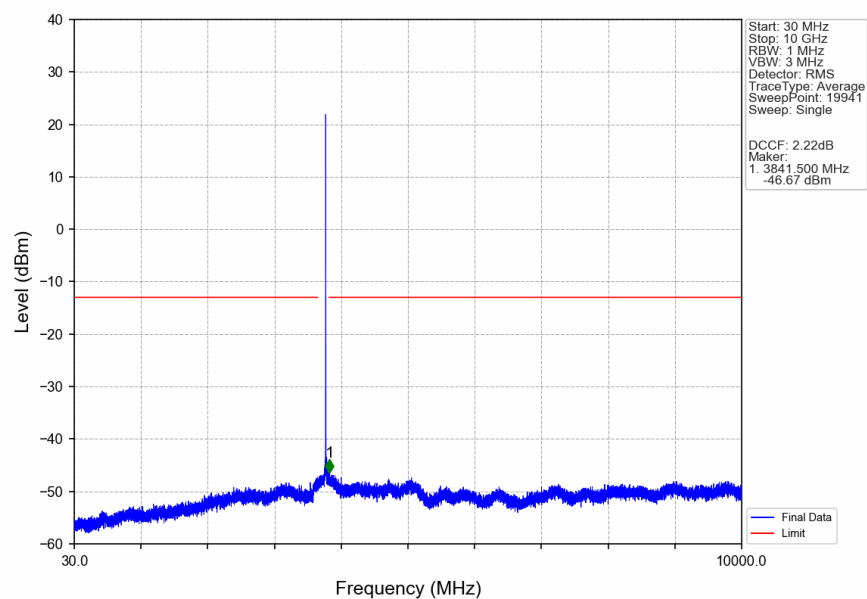
Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



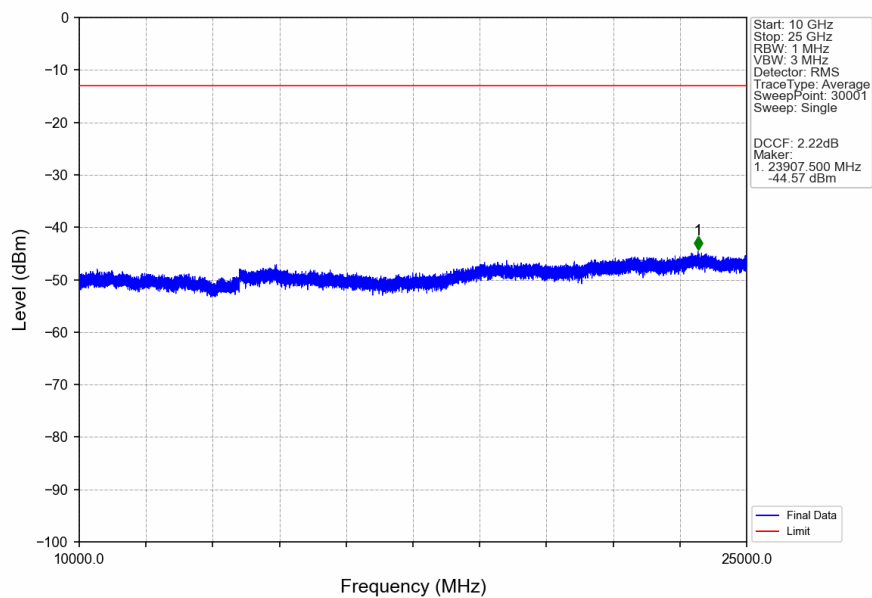
Band43d\_15MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



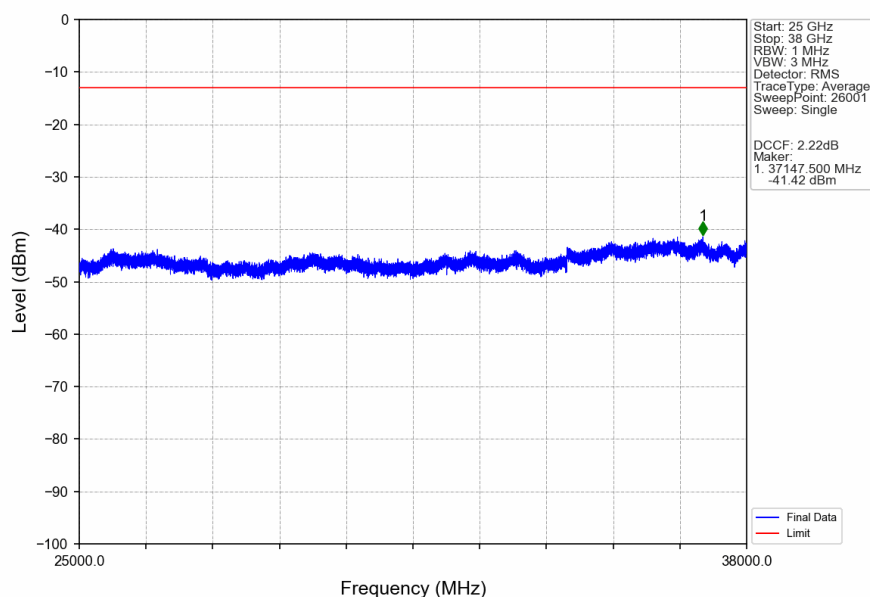
Band43d\_15MHz\_QPSK\_HCH\_3792.5MHz\_RB\_1\_0\_NTNV



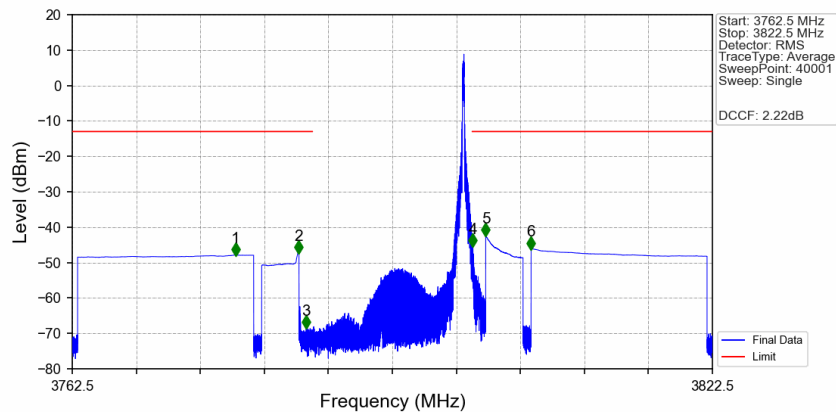
Band43d\_15MHz\_QPSK\_HCH\_3792.5MHz\_RB\_1\_0\_NTNV



Band43d\_15MHz\_QPSK\_HCH\_3792.5MHz\_RB\_1\_0\_NTNV

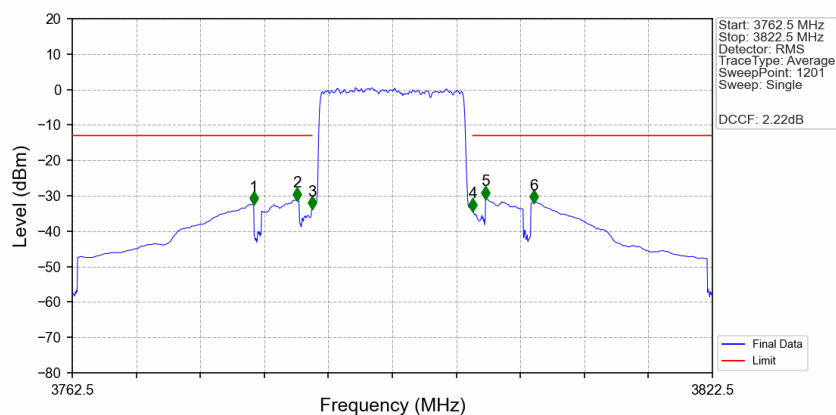


Band43d\_15MHz\_QPSK\_HCH\_3792.5MHz\_RB\_1\_74\_NTNV



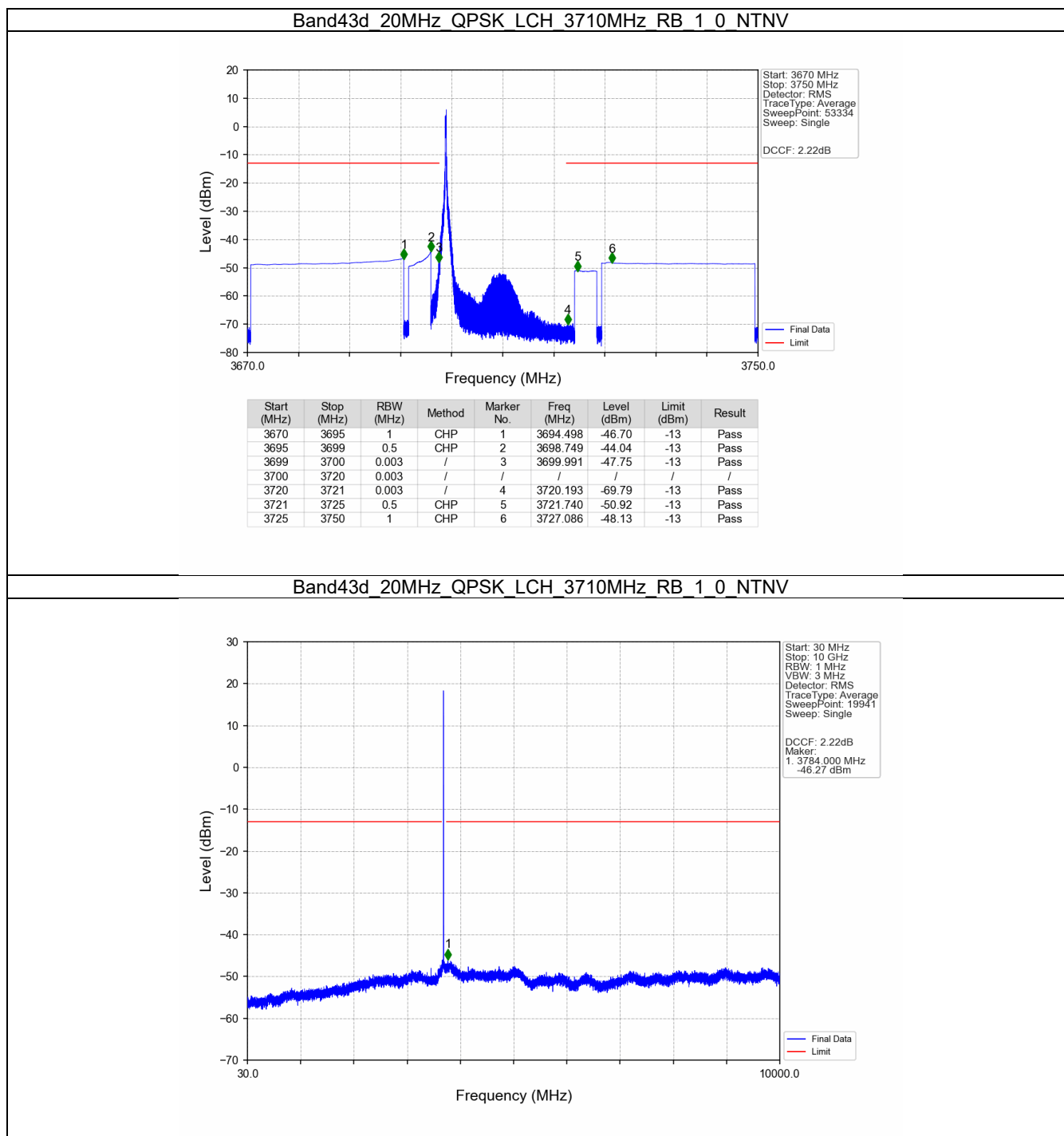
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3762.5      | 3780       | 1         | CHP    | 1          | 3777.797   | -47.86      | -13         | Pass   |
| 3780        | 3784       | 0.5       | CHP    | 2          | 3783.698   | -47.28      | -13         | Pass   |
| 3784        | 3785       | 0.003     | /      | 3          | 3784.425   | -68.32      | -13         | Pass   |
| 3785        | 3800       | 0.003     | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.003     | /      | 4          | 3800.033   | -45.28      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.254   | -42.37      | -13         | Pass   |
| 3805        | 3822.5     | 1         | CHP    | 6          | 3805.512   | -46.03      | -13         | Pass   |

Band43d\_15MHz\_QPSK\_HCH\_3792.5MHz\_RB\_75\_0\_NTNV

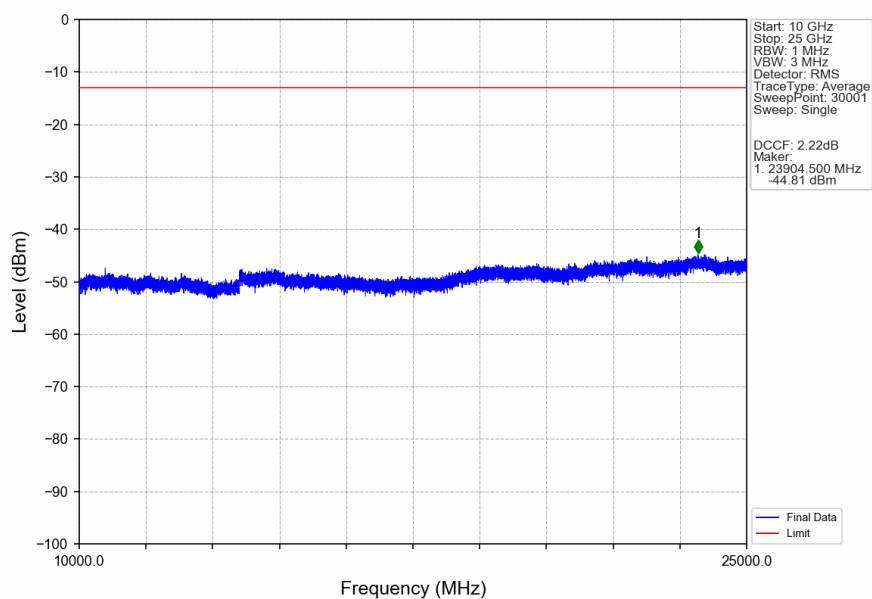


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3762.5      | 3780       | 1         | CHP    | 1          | 3779.500   | -32.20      | -13         | Pass   |
| 3780        | 3784       | 0.5       | CHP    | 2          | 3783.550   | -31.11      | -13         | Pass   |
| 3784        | 3785       | 0.146     | CHP    | 3          | 3784.950   | -33.56      | -13         | Pass   |
| 3785        | 3800       | 0.146     | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.146     | CHP    | 4          | 3800.050   | -34.10      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.250   | -30.66      | -13         | Pass   |
| 3805        | 3822.5     | 1         | CHP    | 6          | 3805.750   | -31.83      | -13         | Pass   |

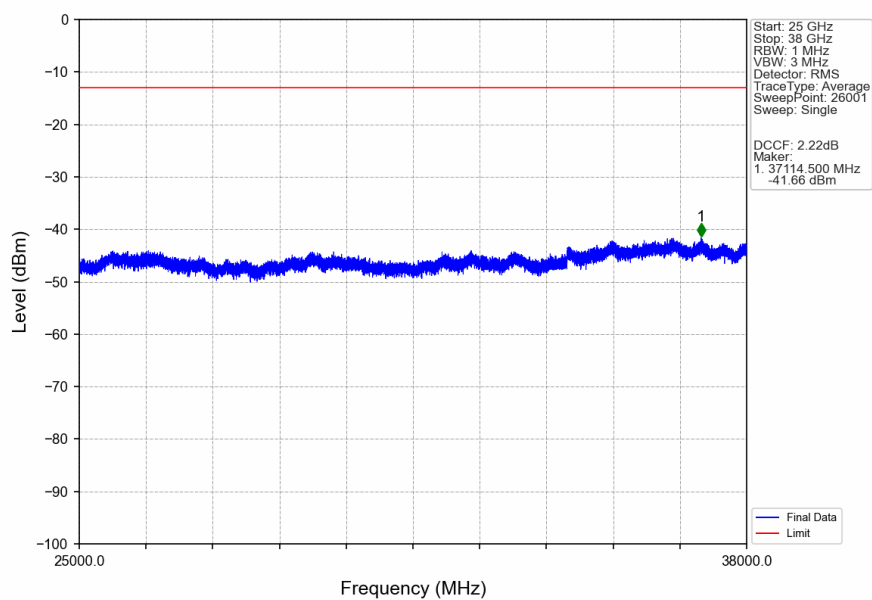
## 5.2.4 B43d\_20MHz



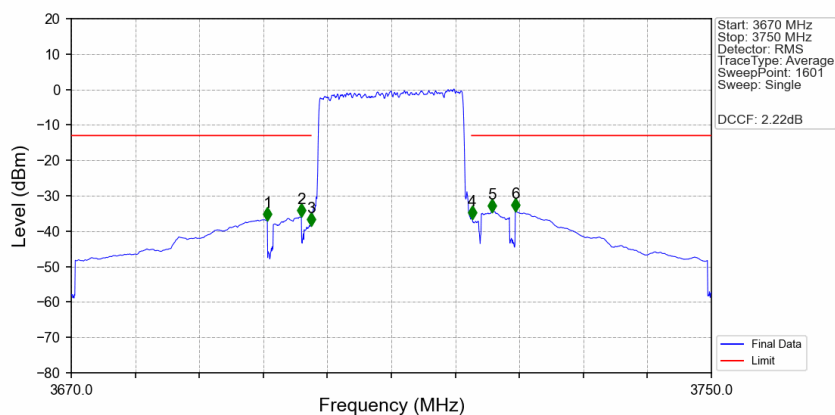
Band43d\_20MHz\_QPSK\_LCH\_3710MHz\_RB\_1\_0\_NTNV



Band43d\_20MHz\_QPSK\_LCH\_3710MHz\_RB\_1\_0\_NTNV

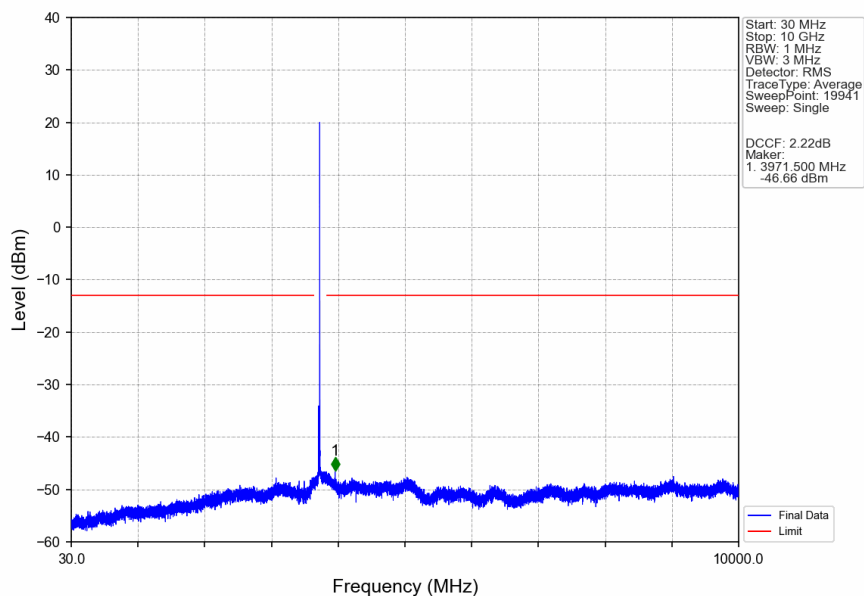


Band43d\_20MHz\_QPSK\_LCH\_3710MHz\_RB\_100\_0\_NTNV

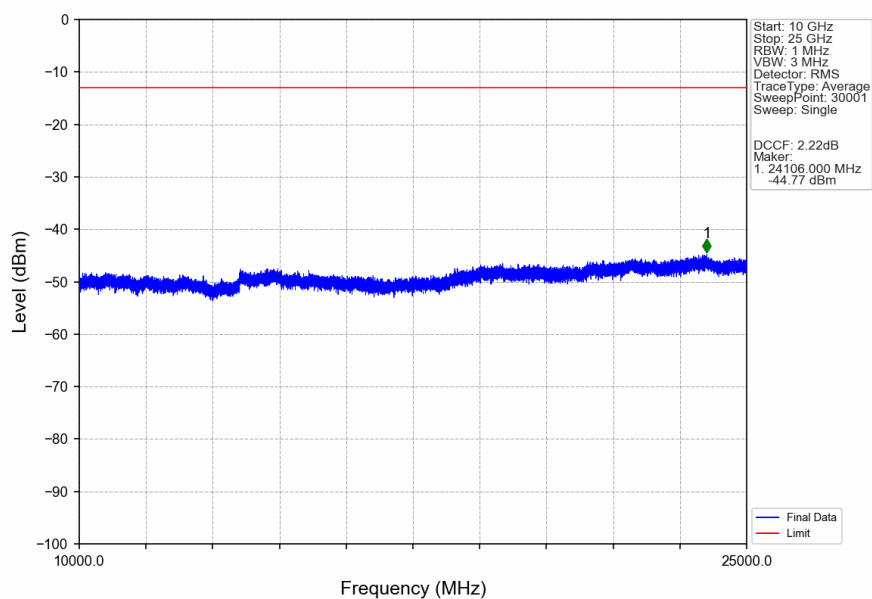


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3670        | 3695       | 1         | CHP    | 1          | 3694.500   | -36.72      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.750   | -35.62      | -13         | Pass   |
| 3699        | 3700       | 0.196     | CHP    | 3          | 3699.950   | -38.30      | -13         | Pass   |
| 3700        | 3720       | 0.196     | CHP    | /          | /          | /           | /           | /      |
| 3720        | 3721       | 0.196     | CHP    | 4          | 3720.100   | -36.33      | -13         | Pass   |
| 3721        | 3725       | 0.5       | CHP    | 5          | 3722.550   | -34.35      | -13         | Pass   |
| 3725        | 3750       | 1         | CHP    | 6          | 3725.500   | -34.17      | -13         | Pass   |

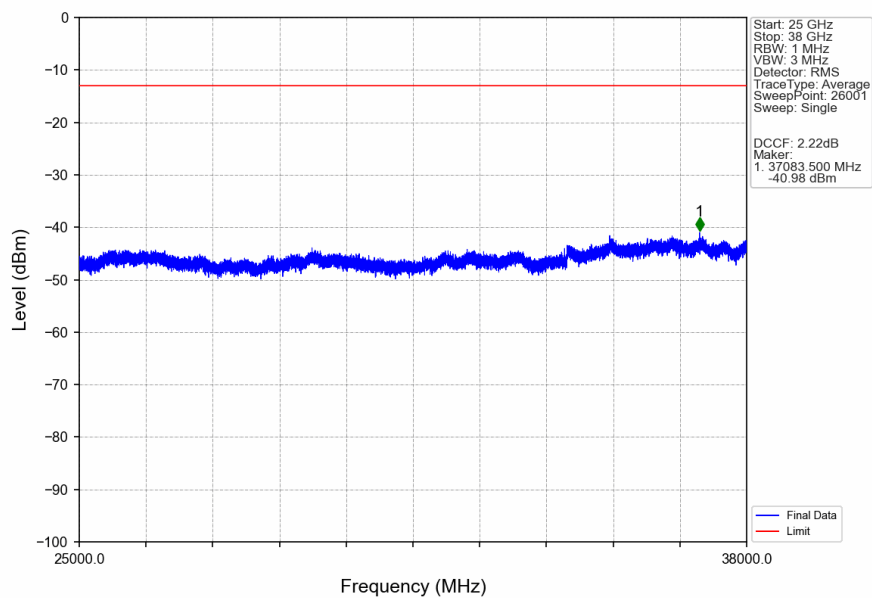
Band43d\_20MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



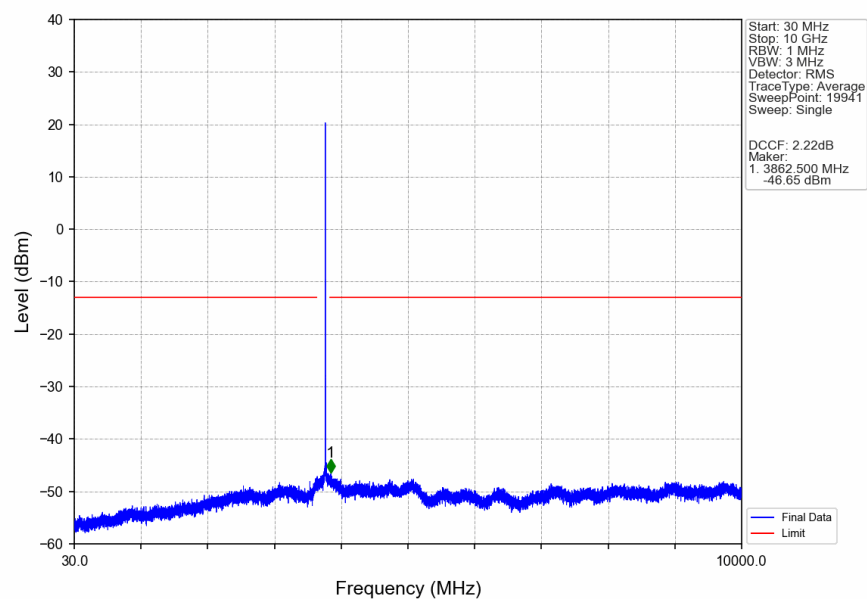
Band43d\_20MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



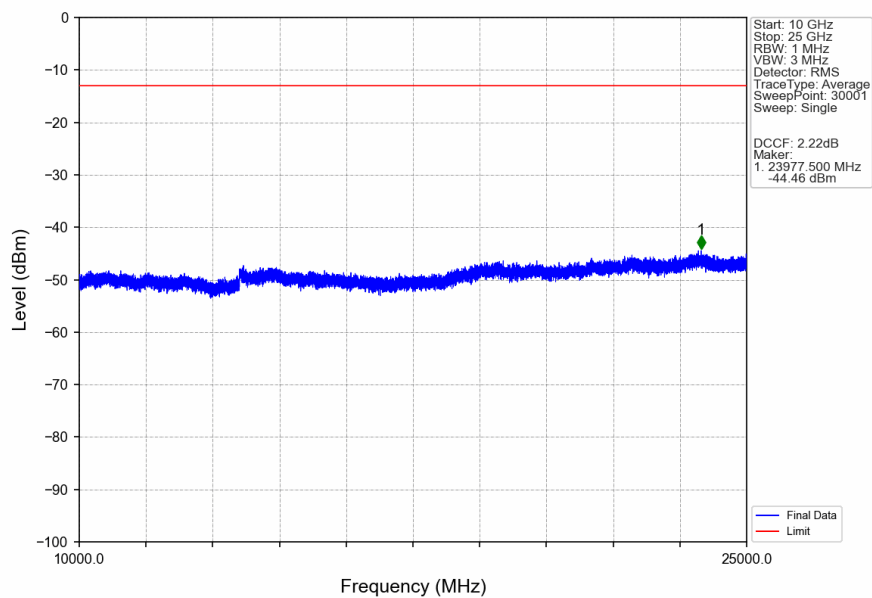
Band43d\_20MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV



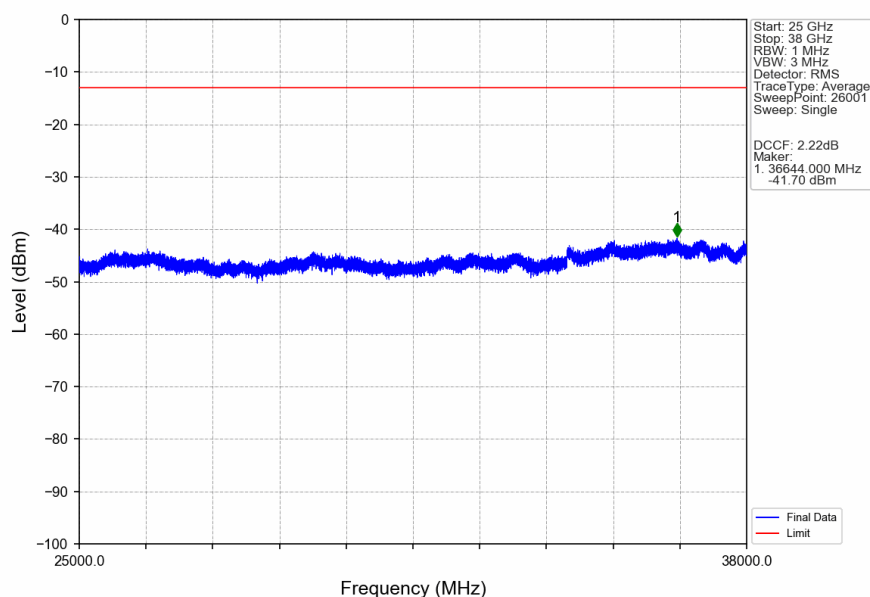
Band43d\_20MHz\_QPSK\_HCH\_3790MHz\_RB\_1\_0\_NTNV



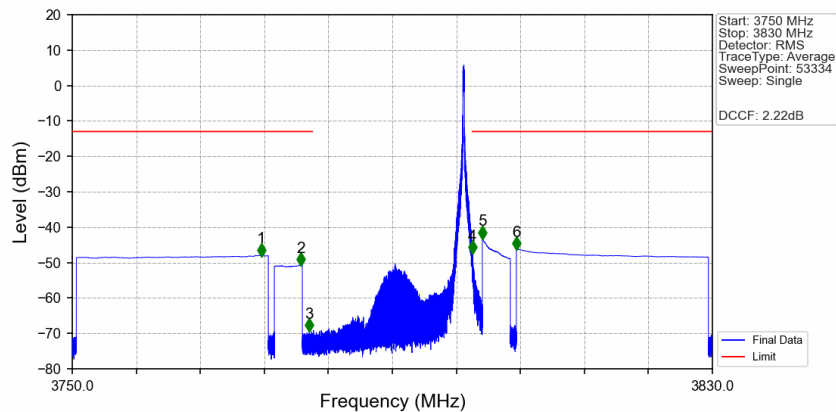
Band43d\_20MHz\_QPSK\_HCH\_3790MHz\_RB\_1\_0\_NTNV



Band43d\_20MHz\_QPSK\_HCH\_3790MHz\_RB\_1\_0\_NTNV

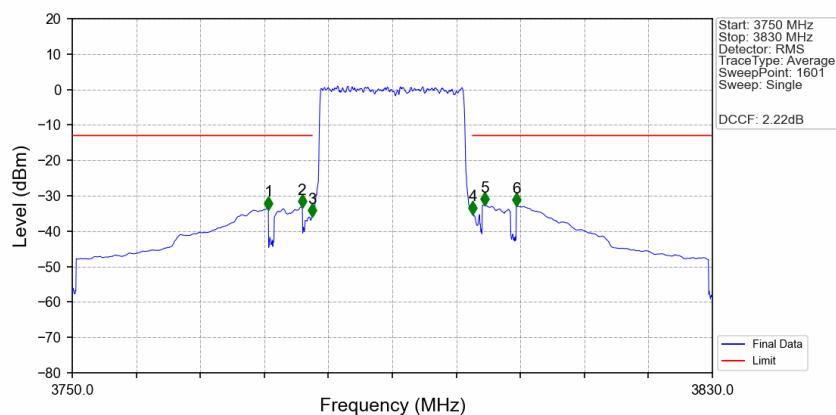


Band43d\_20MHz\_QPSK\_HCH\_3790MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3750        | 3775       | 1         | CHP    | 1          | 3773.616   | -47.93      | -13         | Pass   |
| 3775        | 3779       | 0.5       | CHP    | 2          | 3778.569   | -50.61      | -13         | Pass   |
| 3779        | 3780       | 0.003     | /      | 3          | 3779.625   | -69.23      | -13         | Pass   |
| 3780        | 3800       | 0.003     | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.003     | /      | 4          | 3800.009   | -47.27      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.251   | -43.02      | -13         | Pass   |
| 3805        | 3830       | 1         | CHP    | 6          | 3805.500   | -46.10      | -13         | Pass   |

Band43d\_20MHz\_QPSK\_HCH\_3790MHz\_RB\_100\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3750        | 3775       | 1         | CHP    | 1          | 3774.500   | -33.63      | -13         | Pass   |
| 3775        | 3779       | 0.5       | CHP    | 2          | 3778.700   | -33.04      | -13         | Pass   |
| 3779        | 3780       | 0.196     | CHP    | 3          | 3779.950   | -35.64      | -13         | Pass   |
| 3780        | 3800       | 0.196     | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.196     | CHP    | 4          | 3800.050   | -34.92      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.500   | -32.41      | -13         | Pass   |
| 3805        | 3830       | 1         | CHP    | 6          | 3805.500   | -32.72      | -13         | Pass   |

## 6. Adjacent Channel Leakage Ratio

### 6.1 Test Result

#### 6.1.1 B43d\_5MHz

| Band: 43d / Bandwidth: 5MHz / NTNV |                 |               |        |                                |       |
|------------------------------------|-----------------|---------------|--------|--------------------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Adjacent Channel Leakage Ratio |       |
|                                    |                 | Size          | Offset | Result                         | Limit |
| QPSK                               | 3702.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3797.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
| 16QAM                              | 3702.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3797.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
| 64QAM                              | 3702.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3797.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
| 256QAM                             | 3702.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |
|                                    | 3797.5          | 1             | 0      | Refer To Test Graph            | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph            | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph            | Pass  |

## 6.1.2 B43d\_10MHz

| Band: 43d / Bandwidth: 10MHz / NTV |                 |               |        |                                |       |         |
|------------------------------------|-----------------|---------------|--------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 | Size          | Offset | Result                         | Limit |         |
| QPSK                               | 3705            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3795            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
| 16QAM                              | 3705            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3795            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
| 64QAM                              | 3705            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3795            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
| 256QAM                             | 3705            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3795            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph            |       | Pass    |

## 6.1.3 B43d\_15MHz

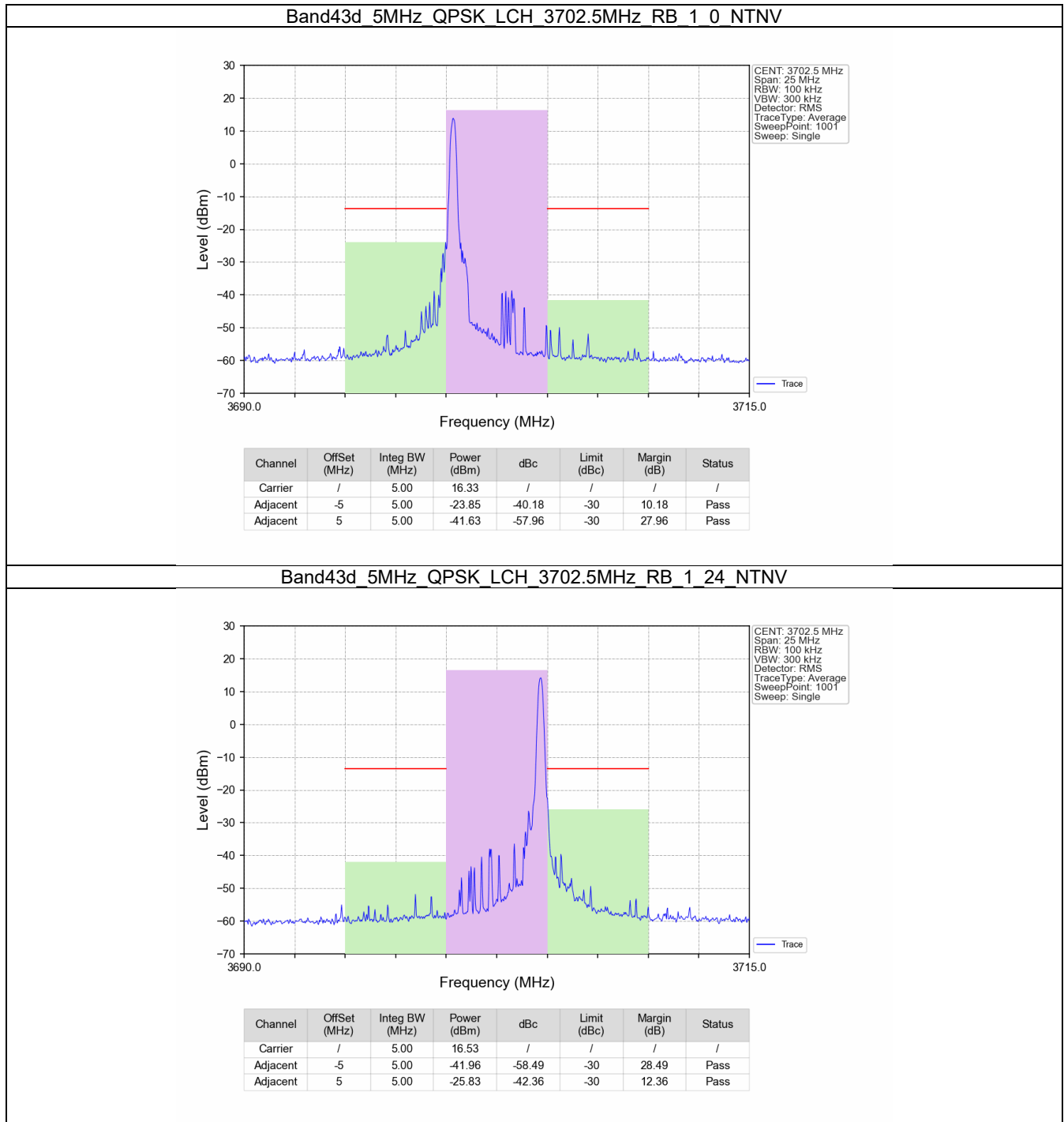
| Band: 43d / Bandwidth: 15MHz / NTV |                 |               |        |                                |       |         |
|------------------------------------|-----------------|---------------|--------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 | Size          | Offset | Result                         | Limit |         |
| QPSK                               | 3707.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3792.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
| 16QAM                              | 3707.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3792.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
| 64QAM                              | 3707.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3792.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
| 256QAM                             | 3707.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3792.5          | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph            |       | Pass    |

### 6.1.4 B43d\_20MHz

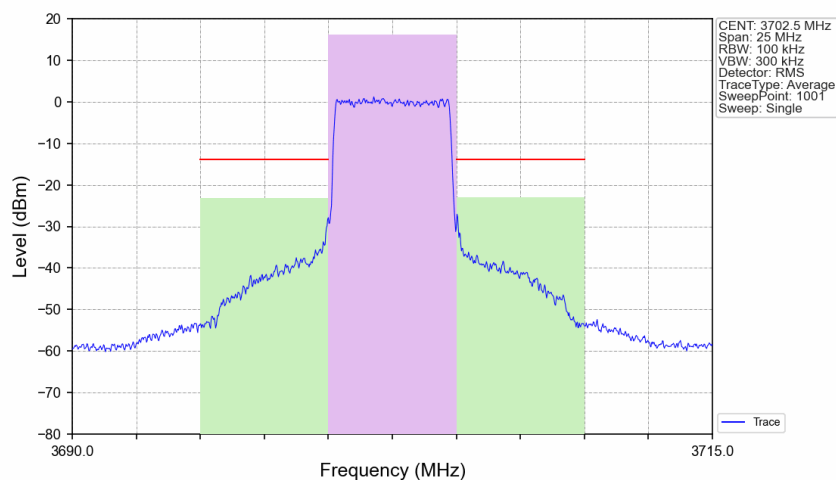
| Band: 43d / Bandwidth: 20MHz / NTV |                 |               |        |                                |       |         |
|------------------------------------|-----------------|---------------|--------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 | Size          | Offset | Result                         | Limit |         |
| QPSK                               | 3710            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3790            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
| 16QAM                              | 3710            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3790            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
| 64QAM                              | 3710            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3790            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
| 256QAM                             | 3710            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3750            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |
|                                    | 3790            | 1             | 0      | Refer To Test Graph            |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph            |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph            |       | Pass    |

## 6.2 Test Graph

### 6.2.1 B43d\_5MHz

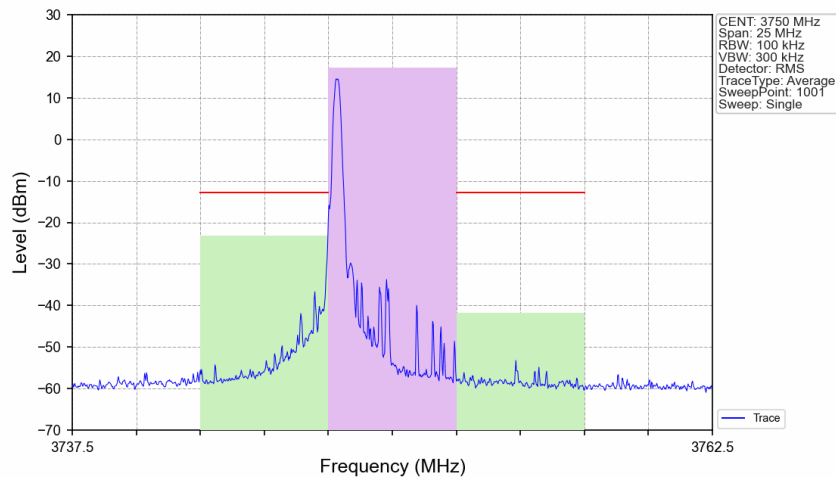


Band43d\_5MHz\_QPSK\_LCH\_3702.5MHz\_RB\_25\_0\_NTNV



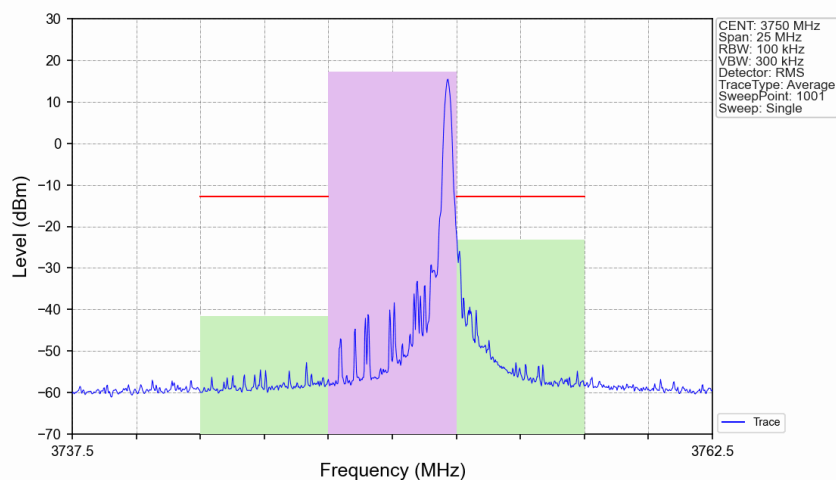
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 5.00           | 16.12       | /      | /           | /           | /      |
| Adjacent | -5           | 5.00           | -23.08      | -39.20 | -30         | 9.20        | Pass   |
| Adjacent | 5            | 5.00           | -23.02      | -39.14 | -30         | 9.14        | Pass   |

Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_0\_NTNV

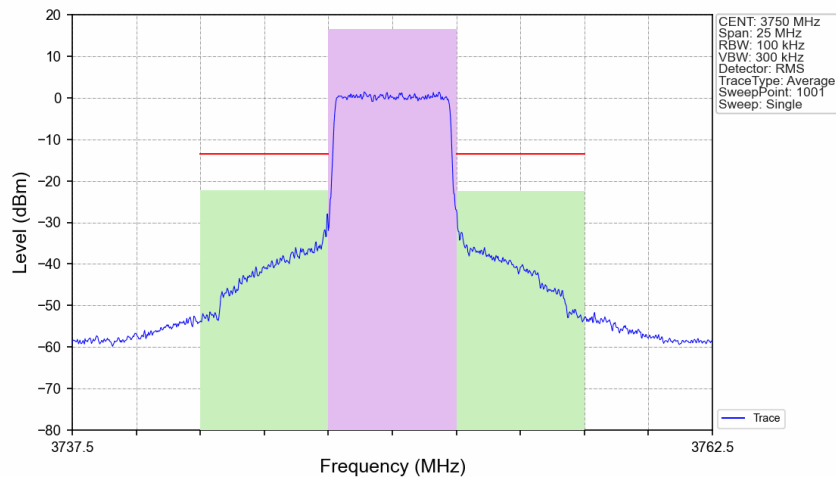


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 5.00           | 17.27       | /      | /           | /           | /      |
| Adjacent | -5           | 5.00           | -23.11      | -40.38 | -30         | 10.38       | Pass   |
| Adjacent | 5            | 5.00           | -41.73      | -59.00 | -30         | 29.00       | Pass   |

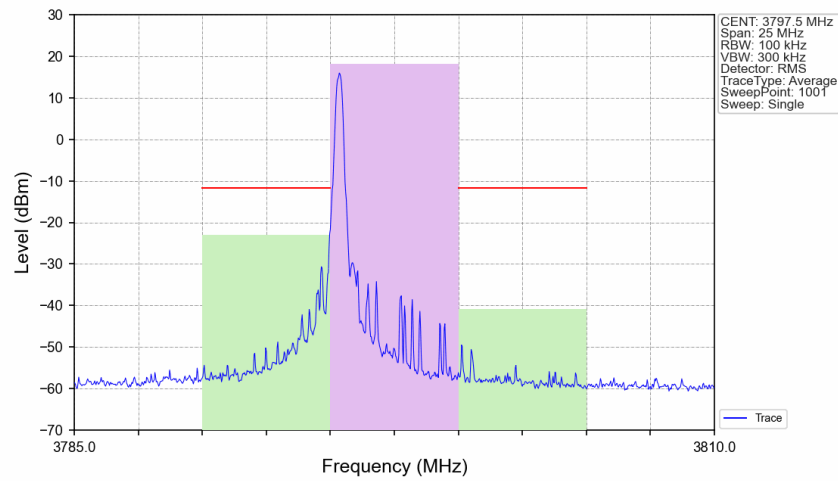
Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_1\_24\_NTNV



Band43d\_5MHz\_QPSK\_MCH\_3750MHz\_RB\_25\_0\_NTNV

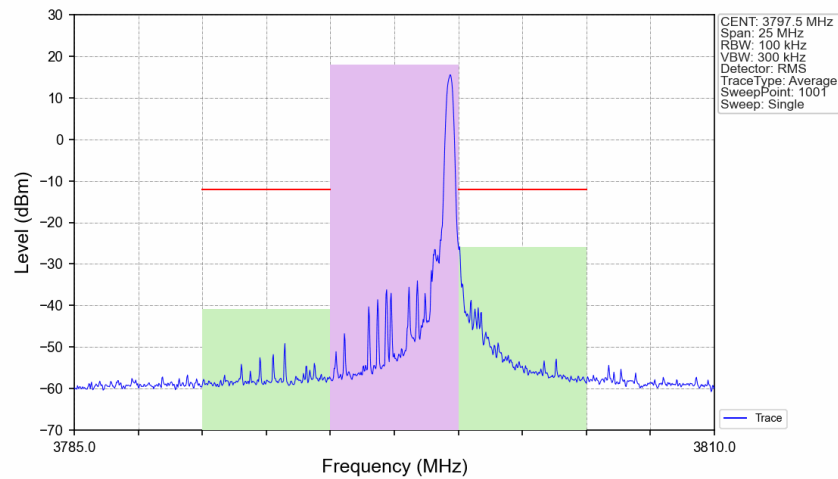


Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_0\_NTNV



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 5.00           | 18.22       | /      | /           | /           | /      |
| Adjacent | -5           | 5.00           | -22.98      | -41.20 | -30         | 11.20       | Pass   |
| Adjacent | 5            | 5.00           | -40.93      | -59.15 | -30         | 29.15       | Pass   |

Band43d\_5MHz\_QPSK\_HCH\_3797.5MHz\_RB\_1\_24\_NTNV



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 5.00           | 17.97       | /      | /           | /           | /      |
| Adjacent | -5           | 5.00           | -40.80      | -58.77 | -30         | 28.77       | Pass   |
| Adjacent | 5            | 5.00           | -25.93      | -43.90 | -30         | 13.90       | Pass   |