

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B7\_5MHz\_EIRP

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 2502.5          | 1             | 0      | 22.92                 | -0.45      | 22.47      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.98                 | -0.45      | 22.53      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.85                 | -0.45      | 22.40      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.89                 | -0.45      | 21.44      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.91                 | -0.45      | 21.46      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.90                 | -0.45      | 21.45      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.89                 | -0.45      | 21.44      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 23.11                 | -0.45      | 22.66      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.23                 | -0.45      | 22.78      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.10                 | -0.45      | 22.65      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.06                 | -0.45      | 21.61      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.08                 | -0.45      | 21.63      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.12                 | -0.45      | 21.67      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.03                 | -0.45      | 21.58      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 23.10                 | -0.45      | 22.65      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.20                 | -0.45      | 22.75      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.16                 | -0.45      | 22.71      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.08                 | -0.45      | 21.63      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.16                 | -0.45      | 21.71      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.15                 | -0.45      | 21.70      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.11                 | -0.45      | 21.66      | <=33.01 | Pass    |
| 16QAM                            | 2502.5          | 1             | 0      | 21.89                 | -0.45      | 21.44      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.93                 | -0.45      | 21.48      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.89                 | -0.45      | 21.44      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.90                 | -0.45      | 20.45      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.89                 | -0.45      | 20.44      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.83                 | -0.45      | 20.38      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.85                 | -0.45      | 20.40      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 22.21                 | -0.45      | 21.76      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.20                 | -0.45      | 21.75      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.20                 | -0.45      | 21.75      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.05                 | -0.45      | 20.60      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.10                 | -0.45      | 20.65      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.08                 | -0.45      | 20.63      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.05                 | -0.45      | 20.60      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 22.25                 | -0.45      | 21.80      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.23                 | -0.45      | 21.78      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.22                 | -0.45      | 21.77      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.07                 | -0.45      | 20.62      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.10                 | -0.45      | 20.65      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.06                 | -0.45      | 20.61      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.15                 | -0.45      | 20.70      | <=33.01 | Pass    |
| 64QAM                            | 2502.5          | 1             | 0      | 21.01                 | -0.45      | 20.56      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.07                 | -0.45      | 20.62      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 20.93                 | -0.45      | 20.48      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 19.90                 | -0.45      | 19.45      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 19.88                 | -0.45      | 19.43      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 19.89                 | -0.45      | 19.44      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 19.84                 | -0.45      | 19.39      | <=33.01 | Pass    |

|                                          |        |    |    |       |       |       |         |      |
|------------------------------------------|--------|----|----|-------|-------|-------|---------|------|
|                                          | 2535   | 1  | 0  | 21.34 | -0.45 | 20.89 | <=33.01 | Pass |
|                                          |        |    | 13 | 21.41 | -0.45 | 20.96 | <=33.01 | Pass |
|                                          |        |    | 24 | 21.27 | -0.45 | 20.82 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 20.04 | -0.45 | 19.59 | <=33.01 | Pass |
|                                          |        |    | 6  | 20.04 | -0.45 | 19.59 | <=33.01 | Pass |
|                                          |        |    | 13 | 20.21 | -0.45 | 19.76 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 20.06 | -0.45 | 19.61 | <=33.01 | Pass |
|                                          | 2567.5 | 1  | 0  | 21.43 | -0.45 | 20.98 | <=33.01 | Pass |
|                                          |        |    | 13 | 21.46 | -0.45 | 21.01 | <=33.01 | Pass |
|                                          |        |    | 24 | 21.41 | -0.45 | 20.96 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 20.04 | -0.45 | 19.59 | <=33.01 | Pass |
|                                          |        |    | 6  | 20.20 | -0.45 | 19.75 | <=33.01 | Pass |
|                                          |        |    | 13 | 20.19 | -0.45 | 19.74 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 20.16 | -0.45 | 19.71 | <=33.01 | Pass |
| 256QAM                                   | 2502.5 | 1  | 0  | 17.91 | -0.45 | 17.46 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.00 | -0.45 | 17.55 | <=33.01 | Pass |
|                                          |        |    | 24 | 17.95 | -0.45 | 17.50 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 17.93 | -0.45 | 17.48 | <=33.01 | Pass |
|                                          |        |    | 6  | 17.93 | -0.45 | 17.48 | <=33.01 | Pass |
|                                          |        |    | 13 | 17.89 | -0.45 | 17.44 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 17.87 | -0.45 | 17.42 | <=33.01 | Pass |
|                                          | 2535   | 1  | 0  | 18.25 | -0.45 | 17.80 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.32 | -0.45 | 17.87 | <=33.01 | Pass |
|                                          |        |    | 24 | 18.24 | -0.45 | 17.79 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 18.12 | -0.45 | 17.67 | <=33.01 | Pass |
|                                          |        |    | 6  | 18.13 | -0.45 | 17.68 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.17 | -0.45 | 17.72 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 18.11 | -0.45 | 17.66 | <=33.01 | Pass |
|                                          | 2567.5 | 1  | 0  | 18.21 | -0.45 | 17.76 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.42 | -0.45 | 17.97 | <=33.01 | Pass |
|                                          |        |    | 24 | 18.36 | -0.45 | 17.91 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 18.13 | -0.45 | 17.68 | <=33.01 | Pass |
|                                          |        |    | 6  | 18.21 | -0.45 | 17.76 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.18 | -0.45 | 17.73 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 18.17 | -0.45 | 17.72 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |         |      |

### 1.1.2 B7\_10MHz\_EIRP

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2505            | 1             | 0      | 22.88                 | -0.45      | 22.43      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.88                 | -0.45      | 22.43      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.77                 | -0.45      | 22.32      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.88                 | -0.45      | 21.43      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.91                 | -0.45      | 21.46      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.87                 | -0.45      | 21.42      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.87                 | -0.45      | 21.42      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 23.17                 | -0.45      | 22.72      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.16                 | -0.45      | 22.71      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.04                 | -0.45      | 22.59      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.09                 | -0.45      | 21.64      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.07                 | -0.45      | 21.62      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.02                 | -0.45      | 21.57      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.05                 | -0.45      | 21.60      | <=33.01 | Pass    |
|                                   | 2565            | 1             | 0      | 23.03                 | -0.45      | 22.58      | <=33.01 | Pass    |

|        |      |    |    |       |       |       |         |      |
|--------|------|----|----|-------|-------|-------|---------|------|
|        |      | 25 | 25 | 23.14 | -0.45 | 22.69 | <=33.01 | Pass |
|        |      |    | 49 | 23.12 | -0.45 | 22.67 | <=33.01 | Pass |
|        |      |    | 0  | 22.08 | -0.45 | 21.63 | <=33.01 | Pass |
|        |      |    | 13 | 22.12 | -0.45 | 21.67 | <=33.01 | Pass |
|        |      |    | 25 | 22.16 | -0.45 | 21.71 | <=33.01 | Pass |
|        |      |    | 50 | 0     | -0.45 | 21.68 | <=33.01 | Pass |
| 16QAM  | 2505 | 1  | 0  | 21.96 | -0.45 | 21.51 | <=33.01 | Pass |
|        |      |    | 25 | 21.93 | -0.45 | 21.48 | <=33.01 | Pass |
|        |      |    | 49 | 22.00 | -0.45 | 21.55 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.91 | -0.45 | 20.46 | <=33.01 | Pass |
|        |      |    | 13 | 20.89 | -0.45 | 20.44 | <=33.01 | Pass |
|        |      |    | 25 | 20.84 | -0.45 | 20.39 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.86 | -0.45 | 20.41 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 22.13 | -0.45 | 21.68 | <=33.01 | Pass |
|        |      |    | 25 | 22.26 | -0.45 | 21.81 | <=33.01 | Pass |
|        |      |    | 49 | 22.12 | -0.45 | 21.67 | <=33.01 | Pass |
|        |      | 25 | 0  | 21.07 | -0.45 | 20.62 | <=33.01 | Pass |
|        |      |    | 13 | 21.06 | -0.45 | 20.61 | <=33.01 | Pass |
|        |      |    | 25 | 21.04 | -0.45 | 20.59 | <=33.01 | Pass |
|        |      | 50 | 0  | 21.06 | -0.45 | 20.61 | <=33.01 | Pass |
|        | 2565 | 1  | 0  | 22.15 | -0.45 | 21.70 | <=33.01 | Pass |
|        |      |    | 25 | 22.32 | -0.45 | 21.87 | <=33.01 | Pass |
|        |      |    | 49 | 22.33 | -0.45 | 21.88 | <=33.01 | Pass |
|        |      | 25 | 0  | 21.07 | -0.45 | 20.62 | <=33.01 | Pass |
|        |      |    | 13 | 21.14 | -0.45 | 20.69 | <=33.01 | Pass |
|        |      |    | 25 | 21.14 | -0.45 | 20.69 | <=33.01 | Pass |
|        |      | 50 | 0  | 21.07 | -0.45 | 20.62 | <=33.01 | Pass |
| 64QAM  | 2505 | 1  | 0  | 21.12 | -0.45 | 20.67 | <=33.01 | Pass |
|        |      |    | 25 | 21.15 | -0.45 | 20.70 | <=33.01 | Pass |
|        |      |    | 49 | 21.09 | -0.45 | 20.64 | <=33.01 | Pass |
|        |      | 25 | 0  | 19.89 | -0.45 | 19.44 | <=33.01 | Pass |
|        |      |    | 13 | 19.90 | -0.45 | 19.45 | <=33.01 | Pass |
|        |      |    | 25 | 19.87 | -0.45 | 19.42 | <=33.01 | Pass |
|        |      | 50 | 0  | 19.83 | -0.45 | 19.38 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 21.39 | -0.45 | 20.94 | <=33.01 | Pass |
|        |      |    | 25 | 21.53 | -0.45 | 21.08 | <=33.01 | Pass |
|        |      |    | 49 | 21.27 | -0.45 | 20.82 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.11 | -0.45 | 19.66 | <=33.01 | Pass |
|        |      |    | 13 | 20.05 | -0.45 | 19.60 | <=33.01 | Pass |
|        |      |    | 25 | 20.00 | -0.45 | 19.55 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.01 | -0.45 | 19.56 | <=33.01 | Pass |
|        | 2565 | 1  | 0  | 21.25 | -0.45 | 20.80 | <=33.01 | Pass |
|        |      |    | 25 | 21.41 | -0.45 | 20.96 | <=33.01 | Pass |
|        |      |    | 49 | 21.38 | -0.45 | 20.93 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.04 | -0.45 | 19.59 | <=33.01 | Pass |
|        |      |    | 13 | 20.14 | -0.45 | 19.69 | <=33.01 | Pass |
|        |      |    | 25 | 20.15 | -0.45 | 19.70 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.08 | -0.45 | 19.63 | <=33.01 | Pass |
| 256QAM | 2505 | 1  | 0  | 18.00 | -0.45 | 17.55 | <=33.01 | Pass |
|        |      |    | 25 | 17.97 | -0.45 | 17.52 | <=33.01 | Pass |
|        |      |    | 49 | 18.08 | -0.45 | 17.63 | <=33.01 | Pass |
|        |      | 25 | 0  | 17.94 | -0.45 | 17.49 | <=33.01 | Pass |
|        |      |    | 13 | 17.94 | -0.45 | 17.49 | <=33.01 | Pass |
|        |      |    | 25 | 17.93 | -0.45 | 17.48 | <=33.01 | Pass |
|        |      | 50 | 0  | 17.95 | -0.45 | 17.50 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 18.20 | -0.45 | 17.75 | <=33.01 | Pass |
|        |      |    | 25 | 18.32 | -0.45 | 17.87 | <=33.01 | Pass |
|        |      |    | 49 | 18.13 | -0.45 | 17.68 | <=33.01 | Pass |
|        |      | 25 | 0  | 18.13 | -0.45 | 17.68 | <=33.01 | Pass |

|                                          |      |    |    |       |       |       |         |      |
|------------------------------------------|------|----|----|-------|-------|-------|---------|------|
|                                          |      |    | 13 | 18.09 | -0.45 | 17.64 | <=33.01 | Pass |
|                                          |      |    | 25 | 18.07 | -0.45 | 17.62 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 18.15 | -0.45 | 17.70 | <=33.01 | Pass |
|                                          | 2565 | 1  | 0  | 18.09 | -0.45 | 17.64 | <=33.01 | Pass |
|                                          |      |    | 25 | 18.26 | -0.45 | 17.81 | <=33.01 | Pass |
|                                          |      |    | 49 | 18.18 | -0.45 | 17.73 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 18.10 | -0.45 | 17.65 | <=33.01 | Pass |
|                                          |      |    | 13 | 18.19 | -0.45 | 17.74 | <=33.01 | Pass |
|                                          |      |    | 25 | 18.21 | -0.45 | 17.76 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 18.18 | -0.45 | 17.73 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |      |    |    |       |       |       |         |      |

### 1.1.3 B7\_15MHz\_EIRP

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2507.5          | 1             | 0      | 22.66                 | -0.45      | 22.21      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.70                 | -0.45      | 22.25      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.73                 | -0.45      | 22.28      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.74                 | -0.45      | 21.29      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.75                 | -0.45      | 21.30      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.75                 | -0.45      | 21.30      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.77                 | -0.45      | 21.32      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 22.95                 | -0.45      | 22.50      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.90                 | -0.45      | 22.45      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.78                 | -0.45      | 22.33      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.95                 | -0.45      | 21.50      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.93                 | -0.45      | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.88                 | -0.45      | 21.43      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.95                 | -0.45      | 21.50      | <=33.01 | Pass    |
|                                   | 2562.5          | 1             | 0      | 22.73                 | -0.45      | 22.28      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.89                 | -0.45      | 22.44      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.89                 | -0.45      | 22.44      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.84                 | -0.45      | 21.39      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.96                 | -0.45      | 21.51      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 22.02                 | -0.45      | 21.57      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.97                 | -0.45      | 21.52      | <=33.01 | Pass    |
| 16QAM                             | 2507.5          | 1             | 0      | 21.75                 | -0.45      | 21.30      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.75                 | -0.45      | 21.30      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.75                 | -0.45      | 21.30      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.76                 | -0.45      | 20.31      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.75                 | -0.45      | 20.30      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.73                 | -0.45      | 20.28      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.72                 | -0.45      | 20.27      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 22.13                 | -0.45      | 21.68      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.97                 | -0.45      | 21.52      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.92                 | -0.45      | 21.47      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.94                 | -0.45      | 20.49      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.92                 | -0.45      | 20.47      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.86                 | -0.45      | 20.41      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.92                 | -0.45      | 20.47      | <=33.01 | Pass    |
|                                   | 2562.5          | 1             | 0      | 21.91                 | -0.45      | 21.46      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.12                 | -0.45      | 21.67      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.13                 | -0.45      | 21.68      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.84                 | -0.45      | 20.39      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.95                 | -0.45      | 20.50      | <=33.01 | Pass    |

|                                          |        |        |        |       |       |         |         |         |         |
|------------------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
|                                          |        |        | 39     | 21.02 | -0.45 | 20.57   | <=33.01 | Pass    |         |
|                                          |        | 75     | 0      | 20.95 | -0.45 | 20.50   | <=33.01 | Pass    |         |
| 64QAM                                    | 2507.5 | 1      | 0      | 20.83 | -0.45 | 20.38   | <=33.01 | Pass    |         |
|                                          |        |        | 38     | 20.96 | -0.45 | 20.51   | <=33.01 | Pass    |         |
|                                          |        |        | 74     | 21.00 | -0.45 | 20.55   | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 19.77 | -0.45 | 19.32   | <=33.01 | Pass    |         |
|                                          |        | 36     | 18     | 19.77 | -0.45 | 19.32   | <=33.01 | Pass    |         |
|                                          |        |        | 39     | 19.76 | -0.45 | 19.31   | <=33.01 | Pass    |         |
|                                          |        |        | 75     | 0     | 19.75 | -0.45   | 19.30   | <=33.01 | Pass    |
|                                          |        | 2535   | 1      | 0     | 21.39 | -0.45   | 20.94   | <=33.01 | Pass    |
|                                          |        |        |        | 38    | 21.19 | -0.45   | 20.74   | <=33.01 | Pass    |
|                                          |        |        |        | 74    | 21.06 | -0.45   | 20.61   | <=33.01 | Pass    |
|                                          | 0      |        |        | 19.95 | -0.45 | 19.50   | <=33.01 | Pass    |         |
|                                          | 36     |        | 18     | 19.92 | -0.45 | 19.47   | <=33.01 | Pass    |         |
|                                          |        |        | 39     | 19.91 | -0.45 | 19.46   | <=33.01 | Pass    |         |
|                                          |        |        | 75     | 0     | 19.93 | -0.45   | 19.48   | <=33.01 | Pass    |
|                                          | 2562.5 |        | 1      | 0     | 21.05 | -0.45   | 20.60   | <=33.01 | Pass    |
|                                          |        | 38     |        | 21.09 | -0.45 | 20.64   | <=33.01 | Pass    |         |
|                                          |        | 74     |        | 21.31 | -0.45 | 20.86   | <=33.01 | Pass    |         |
|                                          |        | 0      |        | 19.83 | -0.45 | 19.38   | <=33.01 | Pass    |         |
|                                          |        | 36     | 18     | 19.97 | -0.45 | 19.52   | <=33.01 | Pass    |         |
|                                          |        |        | 39     | 19.98 | -0.45 | 19.53   | <=33.01 | Pass    |         |
|                                          |        |        | 75     | 0     | 19.93 | -0.45   | 19.48   | <=33.01 | Pass    |
|                                          |        | 256QAM | 2507.5 | 1     | 0     | 17.80   | -0.45   | 17.35   | <=33.01 |
|                                          | 38     |        |        |       | 17.74 | -0.45   | 17.29   | <=33.01 | Pass    |
| 74                                       | 18.01  |        |        |       | -0.45 | 17.56   | <=33.01 | Pass    |         |
| 36                                       | 0      |        |        | 17.76 | -0.45 | 17.31   | <=33.01 | Pass    |         |
|                                          | 18     |        |        | 17.74 | -0.45 | 17.29   | <=33.01 | Pass    |         |
|                                          | 39     |        |        | 17.79 | -0.45 | 17.34   | <=33.01 | Pass    |         |
| 75                                       | 0      |        |        | 17.79 | -0.45 | 17.34   | <=33.01 | Pass    |         |
| 2535                                     | 1      |        | 0      | 18.02 | -0.45 | 17.57   | <=33.01 | Pass    |         |
|                                          |        |        | 38     | 18.07 | -0.45 | 17.62   | <=33.01 | Pass    |         |
|                                          |        |        | 74     | 17.94 | -0.45 | 17.49   | <=33.01 | Pass    |         |
|                                          | 36     |        | 0      | 18.03 | -0.45 | 17.58   | <=33.01 | Pass    |         |
|                                          |        |        | 18     | 17.98 | -0.45 | 17.53   | <=33.01 | Pass    |         |
|                                          |        |        | 39     | 17.93 | -0.45 | 17.48   | <=33.01 | Pass    |         |
| 75                                       | 0      |        | 17.98  | -0.45 | 17.53 | <=33.01 | Pass    |         |         |
| 2562.5                                   | 1      |        | 0      | 17.91 | -0.45 | 17.46   | <=33.01 | Pass    |         |
|                                          |        |        | 38     | 17.98 | -0.45 | 17.53   | <=33.01 | Pass    |         |
|                                          |        |        | 74     | 18.09 | -0.45 | 17.64   | <=33.01 | Pass    |         |
|                                          | 36     |        | 0      | 17.86 | -0.45 | 17.41   | <=33.01 | Pass    |         |
|                                          |        |        | 18     | 17.94 | -0.45 | 17.49   | <=33.01 | Pass    |         |
|                                          |        |        | 39     | 18.02 | -0.45 | 17.57   | <=33.01 | Pass    |         |
|                                          | 75     |        | 0      | 18.00 | -0.45 | 17.55   | <=33.01 | Pass    |         |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |         |         |         |         |

#### 1.1.4 B7\_20MHz\_EIRP

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2510            | 1             | 0      | 22.63                 | -0.45      | 22.18      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.68                 | -0.45      | 22.23      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 22.80                 | -0.45      | 22.35      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.63                 | -0.45      | 21.18      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.78                 | -0.45      | 21.33      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.81                 | -0.45      | 21.36      | <=33.01 | Pass    |

|        |       |       |       |       |         |         |         |         |      |
|--------|-------|-------|-------|-------|---------|---------|---------|---------|------|
|        |       | 100   | 0     | 21.79 | -0.45   | 21.34   | <=33.01 | Pass    |      |
|        | 2535  | 1     | 0     | 23.08 | -0.45   | 22.63   | <=33.01 | Pass    |      |
|        |       |       | 50    | 23.00 | -0.45   | 22.55   | <=33.01 | Pass    |      |
|        |       |       | 99    | 22.87 | -0.45   | 22.42   | <=33.01 | Pass    |      |
|        |       |       | 0     | 21.96 | -0.45   | 21.51   | <=33.01 | Pass    |      |
|        |       | 50    | 25    | 21.93 | -0.45   | 21.48   | <=33.01 | Pass    |      |
|        |       |       | 50    | 21.84 | -0.45   | 21.39   | <=33.01 | Pass    |      |
|        | 100   | 0     | 21.91 | -0.45 | 21.46   | <=33.01 | Pass    |         |      |
|        | 2560  | 1     | 0     | 22.75 | -0.45   | 22.30   | <=33.01 | Pass    |      |
|        |       |       | 50    | 22.84 | -0.45   | 22.39   | <=33.01 | Pass    |      |
|        |       |       | 99    | 22.89 | -0.45   | 22.44   | <=33.01 | Pass    |      |
|        |       |       | 0     | 21.81 | -0.45   | 21.36   | <=33.01 | Pass    |      |
|        |       | 50    | 25    | 21.89 | -0.45   | 21.44   | <=33.01 | Pass    |      |
|        |       |       | 50    | 21.86 | -0.45   | 21.41   | <=33.01 | Pass    |      |
| 100    | 0     | 21.88 | -0.45 | 21.43 | <=33.01 | Pass    |         |         |      |
| 16QAM  | 2510  | 1     | 0     | 21.69 | -0.45   | 21.24   | <=33.01 | Pass    |      |
|        |       |       | 50    | 21.72 | -0.45   | 21.27   | <=33.01 | Pass    |      |
|        |       |       | 99    | 21.94 | -0.45   | 21.49   | <=33.01 | Pass    |      |
|        |       | 50    | 0     | 20.62 | -0.45   | 20.17   | <=33.01 | Pass    |      |
|        |       |       | 25    | 20.75 | -0.45   | 20.30   | <=33.01 | Pass    |      |
|        |       |       | 50    | 20.79 | -0.45   | 20.34   | <=33.01 | Pass    |      |
|        |       | 100   | 0     | 20.76 | -0.45   | 20.31   | <=33.01 | Pass    |      |
|        | 2535  | 1     | 0     | 22.00 | -0.45   | 21.55   | <=33.01 | Pass    |      |
|        |       |       | 50    | 22.01 | -0.45   | 21.56   | <=33.01 | Pass    |      |
|        |       |       | 99    | 21.97 | -0.45   | 21.52   | <=33.01 | Pass    |      |
|        |       | 50    | 0     | 20.97 | -0.45   | 20.52   | <=33.01 | Pass    |      |
|        |       |       | 25    | 20.92 | -0.45   | 20.47   | <=33.01 | Pass    |      |
|        |       |       | 50    | 20.80 | -0.45   | 20.35   | <=33.01 | Pass    |      |
|        |       | 100   | 0     | 20.93 | -0.45   | 20.48   | <=33.01 | Pass    |      |
|        | 2560  | 1     | 0     | 21.92 | -0.45   | 21.47   | <=33.01 | Pass    |      |
|        |       |       | 50    | 22.28 | -0.45   | 21.83   | <=33.01 | Pass    |      |
|        |       |       | 99    | 22.14 | -0.45   | 21.69   | <=33.01 | Pass    |      |
|        |       | 50    | 0     | 20.82 | -0.45   | 20.37   | <=33.01 | Pass    |      |
|        |       |       | 25    | 20.90 | -0.45   | 20.45   | <=33.01 | Pass    |      |
|        |       |       | 50    | 20.85 | -0.45   | 20.40   | <=33.01 | Pass    |      |
|        | 100   | 0     | 20.86 | -0.45 | 20.41   | <=33.01 | Pass    |         |      |
|        | 64QAM | 2510  | 1     | 0     | 20.85   | -0.45   | 20.40   | <=33.01 | Pass |
|        |       |       |       | 50    | 20.97   | -0.45   | 20.52   | <=33.01 | Pass |
| 99     |       |       |       | 21.06 | -0.45   | 20.61   | <=33.01 | Pass    |      |
| 50     |       |       | 0     | 19.63 | -0.45   | 19.18   | <=33.01 | Pass    |      |
|        |       |       | 25    | 19.75 | -0.45   | 19.30   | <=33.01 | Pass    |      |
|        |       |       | 50    | 19.79 | -0.45   | 19.34   | <=33.01 | Pass    |      |
| 100    |       |       | 0     | 19.79 | -0.45   | 19.34   | <=33.01 | Pass    |      |
| 2535   |       | 1     | 0     | 21.14 | -0.45   | 20.69   | <=33.01 | Pass    |      |
|        |       |       | 50    | 21.19 | -0.45   | 20.74   | <=33.01 | Pass    |      |
|        |       |       | 99    | 20.91 | -0.45   | 20.46   | <=33.01 | Pass    |      |
|        |       | 50    | 0     | 19.94 | -0.45   | 19.49   | <=33.01 | Pass    |      |
|        |       |       | 25    | 19.95 | -0.45   | 19.50   | <=33.01 | Pass    |      |
|        |       |       | 50    | 19.89 | -0.45   | 19.44   | <=33.01 | Pass    |      |
| 100    |       | 0     | 19.91 | -0.45 | 19.46   | <=33.01 | Pass    |         |      |
| 2560   |       | 1     | 0     | 21.00 | -0.45   | 20.55   | <=33.01 | Pass    |      |
|        |       |       | 50    | 21.20 | -0.45   | 20.75   | <=33.01 | Pass    |      |
|        |       |       | 99    | 21.11 | -0.45   | 20.66   | <=33.01 | Pass    |      |
|        | 50    | 0     | 19.83 | -0.45 | 19.38   | <=33.01 | Pass    |         |      |
|        |       | 25    | 19.91 | -0.45 | 19.46   | <=33.01 | Pass    |         |      |
|        |       | 50    | 19.89 | -0.45 | 19.44   | <=33.01 | Pass    |         |      |
| 100    | 0     | 19.88 | -0.45 | 19.43 | <=33.01 | Pass    |         |         |      |
| 256QAM | 2510  | 1     | 0     | 17.80 | -0.45   | 17.35   | <=33.01 | Pass    |      |
| 50     | 17.80 |       | -0.45 | 17.35 | <=33.01 | Pass    |         |         |      |

|  |                                          |     |    |       |       |       |         |      |
|--|------------------------------------------|-----|----|-------|-------|-------|---------|------|
|  |                                          |     | 99 | 18.14 | -0.45 | 17.69 | <=33.01 | Pass |
|  |                                          | 50  | 0  | 17.69 | -0.45 | 17.24 | <=33.01 | Pass |
|  |                                          |     | 25 | 17.83 | -0.45 | 17.38 | <=33.01 | Pass |
|  |                                          |     | 50 | 17.89 | -0.45 | 17.44 | <=33.01 | Pass |
|  |                                          | 100 | 0  | 17.84 | -0.45 | 17.39 | <=33.01 | Pass |
|  | 2535                                     | 1   | 0  | 18.02 | -0.45 | 17.57 | <=33.01 | Pass |
|  |                                          |     | 50 | 17.96 | -0.45 | 17.51 | <=33.01 | Pass |
|  |                                          |     | 99 | 17.96 | -0.45 | 17.51 | <=33.01 | Pass |
|  |                                          | 50  | 0  | 18.03 | -0.45 | 17.58 | <=33.01 | Pass |
|  |                                          |     | 25 | 17.95 | -0.45 | 17.50 | <=33.01 | Pass |
|  |                                          |     | 50 | 17.92 | -0.45 | 17.47 | <=33.01 | Pass |
|  |                                          | 100 | 0  | 18.00 | -0.45 | 17.55 | <=33.01 | Pass |
|  | 2560                                     | 1   | 0  | 17.91 | -0.45 | 17.46 | <=33.01 | Pass |
|  |                                          |     | 50 | 17.94 | -0.45 | 17.49 | <=33.01 | Pass |
|  |                                          |     | 99 | 18.16 | -0.45 | 17.71 | <=33.01 | Pass |
|  |                                          | 50  | 0  | 17.87 | -0.45 | 17.42 | <=33.01 | Pass |
|  |                                          |     | 25 | 17.92 | -0.45 | 17.47 | <=33.01 | Pass |
|  |                                          |     | 50 | 17.98 | -0.45 | 17.53 | <=33.01 | Pass |
|  |                                          | 100 | 0  | 17.95 | -0.45 | 17.50 | <=33.01 | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |     |    |       |       |       |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                       | 2535            | 50            | 0      | 20         | LV      | -0.287           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | NV      | 0.142            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | HV      | -0.678           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | NV      | -0.522           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | NV      | 0.503            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | NV      | -0.232           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | NV      | 0.195            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | NV      | 0.043            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | NV      | 1.136            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | NV      | -0.227           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | NV      | -0.135           | -0.0001               | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band7\_OBW

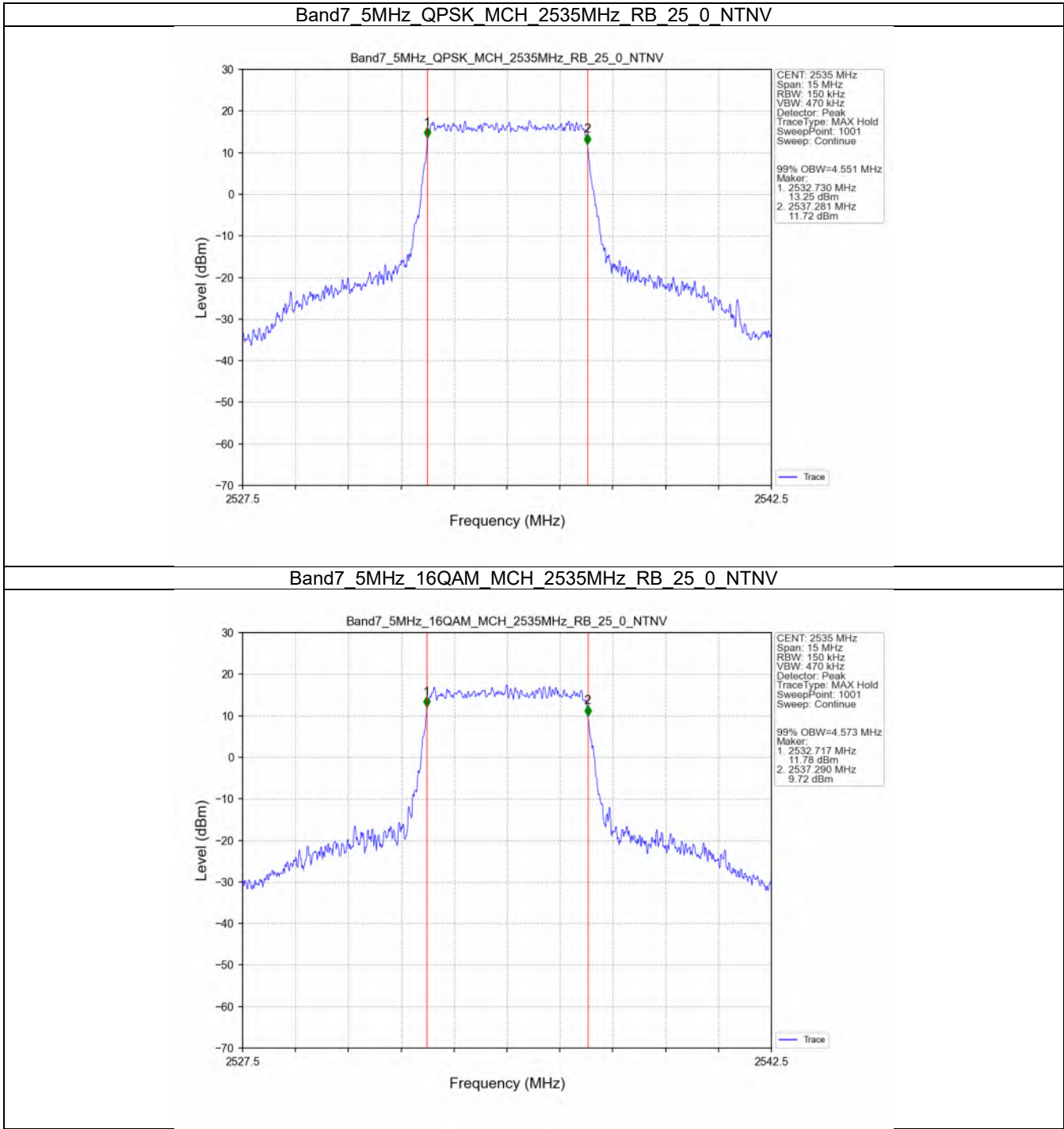
| Band: 7 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2535            | 25            | 0      | 4.551                        | /     | Pass    |
|                 | 16QAM      | 2535            | 25            | 0      | 4.573                        | /     | Pass    |
|                 | 64QAM      | 2535            | 25            | 0      | 4.567                        | /     | Pass    |
|                 | 256QAM     | 2535            | 25            | 0      | 4.563                        | /     | Pass    |
| 10              | QPSK       | 2535            | 50            | 0      | 9.087                        | /     | Pass    |
|                 | 16QAM      | 2535            | 50            | 0      | 9.089                        | /     | Pass    |
|                 | 64QAM      | 2535            | 50            | 0      | 9.078                        | /     | Pass    |
|                 | 256QAM     | 2535            | 50            | 0      | 9.048                        | /     | Pass    |
| 15              | QPSK       | 2535            | 75            | 0      | 13.629                       | /     | Pass    |
|                 | 16QAM      | 2535            | 75            | 0      | 13.648                       | /     | Pass    |
|                 | 64QAM      | 2535            | 75            | 0      | 13.618                       | /     | Pass    |
|                 | 256QAM     | 2535            | 75            | 0      | 13.603                       | /     | Pass    |
| 20              | QPSK       | 2535            | 100           | 0      | 18.141                       | /     | Pass    |
|                 | 16QAM      | 2535            | 100           | 0      | 18.179                       | /     | Pass    |
|                 | 64QAM      | 2535            | 100           | 0      | 18.214                       | /     | Pass    |
|                 | 256QAM     | 2535            | 100           | 0      | 18.173                       | /     | Pass    |

##### 3.1.2 Band7\_XDB

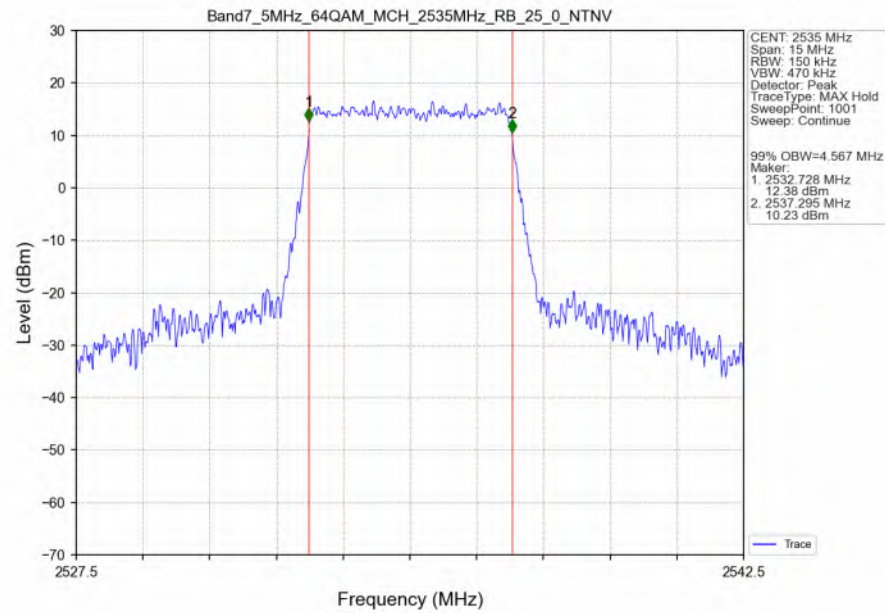
| Band: 7 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2535            | 25            | 0      | 5.259                | /     | Pass    |
|                 | 16QAM      | 2535            | 25            | 0      | 5.215                | /     | Pass    |
|                 | 64QAM      | 2535            | 25            | 0      | 5.223                | /     | Pass    |
|                 | 256QAM     | 2535            | 25            | 0      | 5.208                | /     | Pass    |
| 10              | QPSK       | 2535            | 50            | 0      | 10.370               | /     | Pass    |
|                 | 16QAM      | 2535            | 50            | 0      | 10.205               | /     | Pass    |
|                 | 64QAM      | 2535            | 50            | 0      | 10.079               | /     | Pass    |
|                 | 256QAM     | 2535            | 50            | 0      | 10.218               | /     | Pass    |
| 15              | QPSK       | 2535            | 75            | 0      | 15.153               | /     | Pass    |
|                 | 16QAM      | 2535            | 75            | 0      | 15.158               | /     | Pass    |
|                 | 64QAM      | 2535            | 75            | 0      | 15.269               | /     | Pass    |
|                 | 256QAM     | 2535            | 75            | 0      | 15.089               | /     | Pass    |
| 20              | QPSK       | 2535            | 100           | 0      | 20.267               | /     | Pass    |
|                 | 16QAM      | 2535            | 100           | 0      | 20.131               | /     | Pass    |
|                 | 64QAM      | 2535            | 100           | 0      | 20.317               | /     | Pass    |
|                 | 256QAM     | 2535            | 100           | 0      | 20.060               | /     | Pass    |

3.2 Test Graph

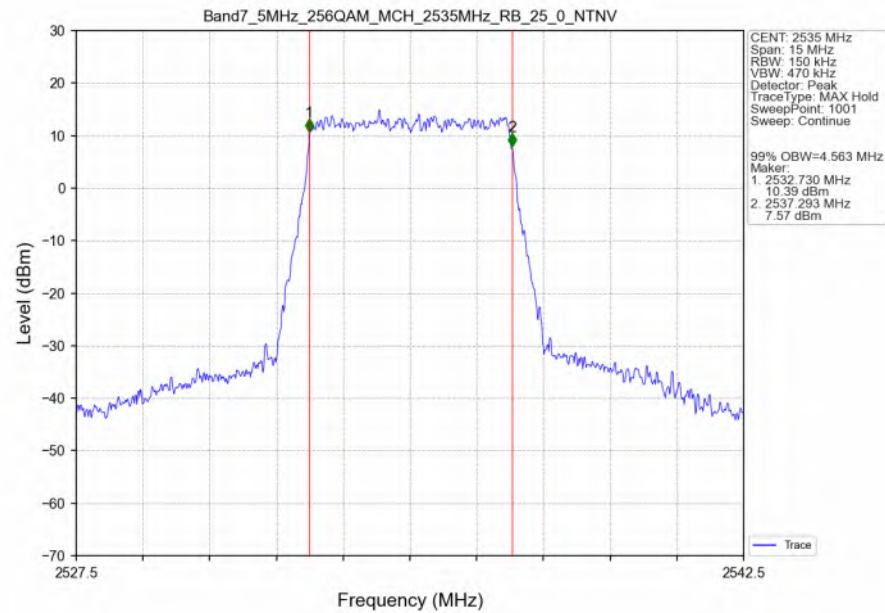
3.2.1 Band7\_OBW



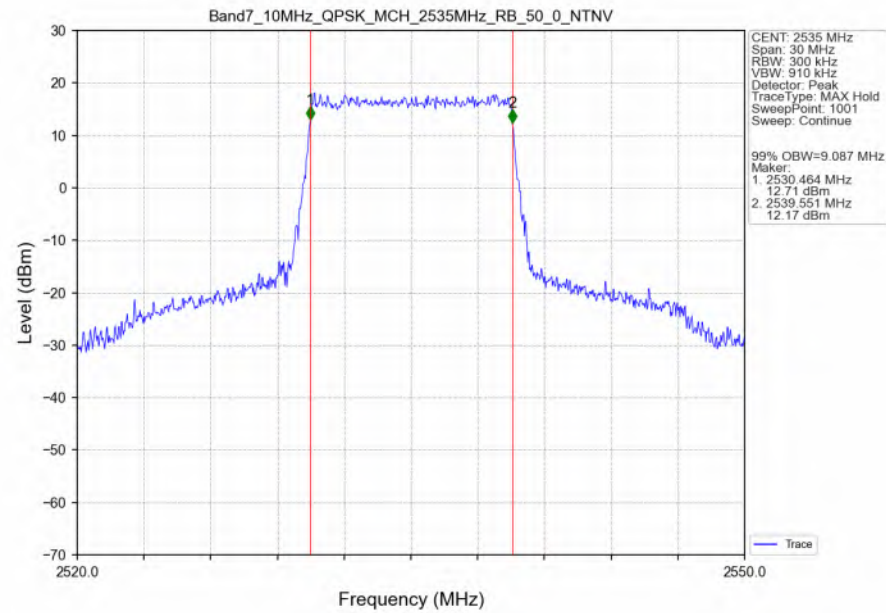
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



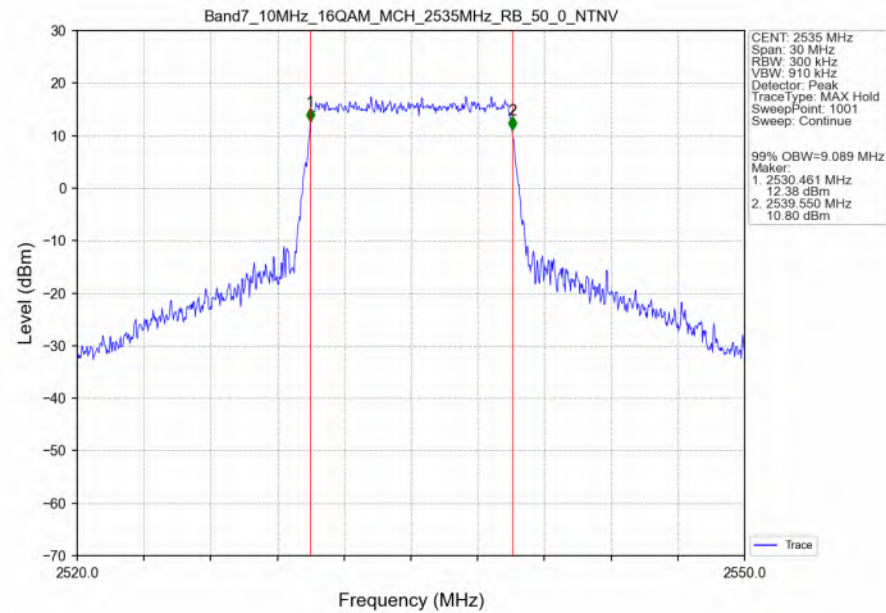
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



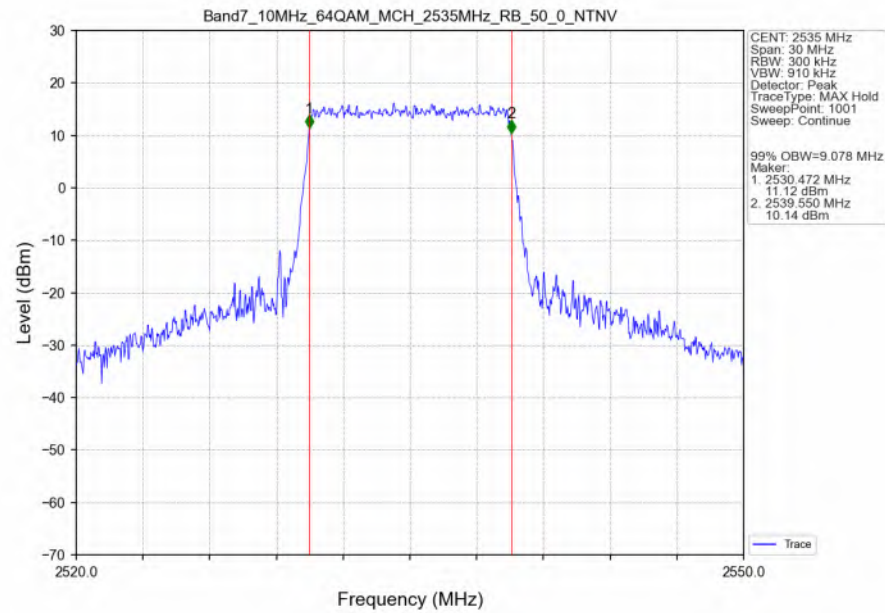
# Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



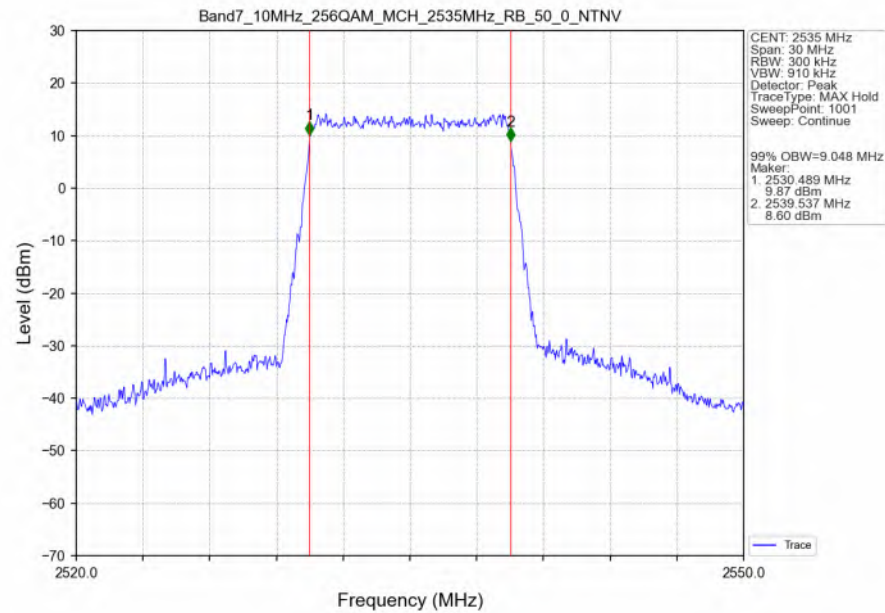
# Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



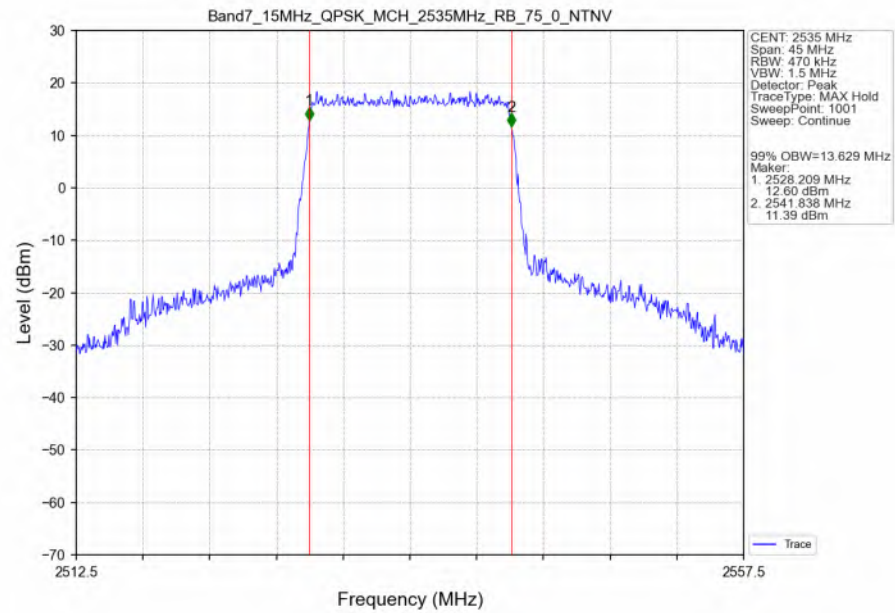
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



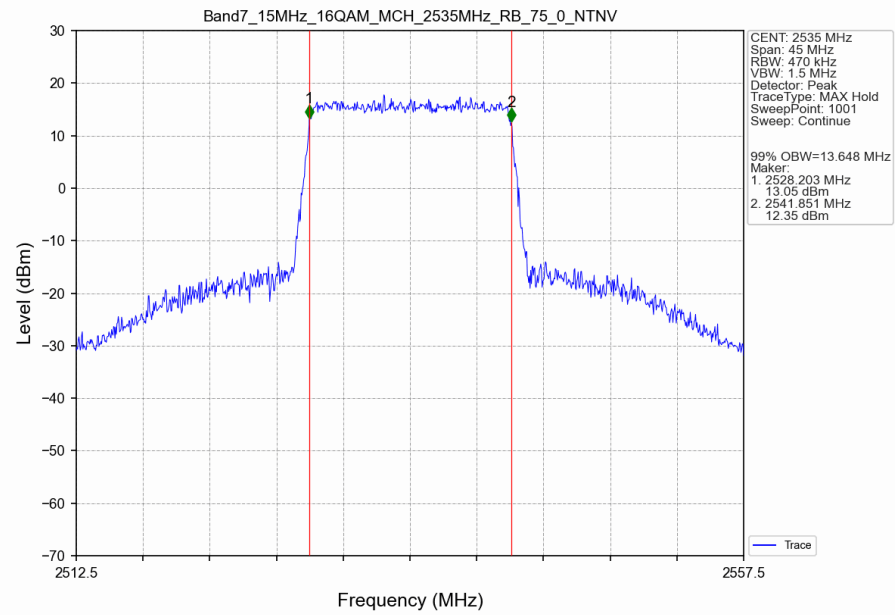
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTNV



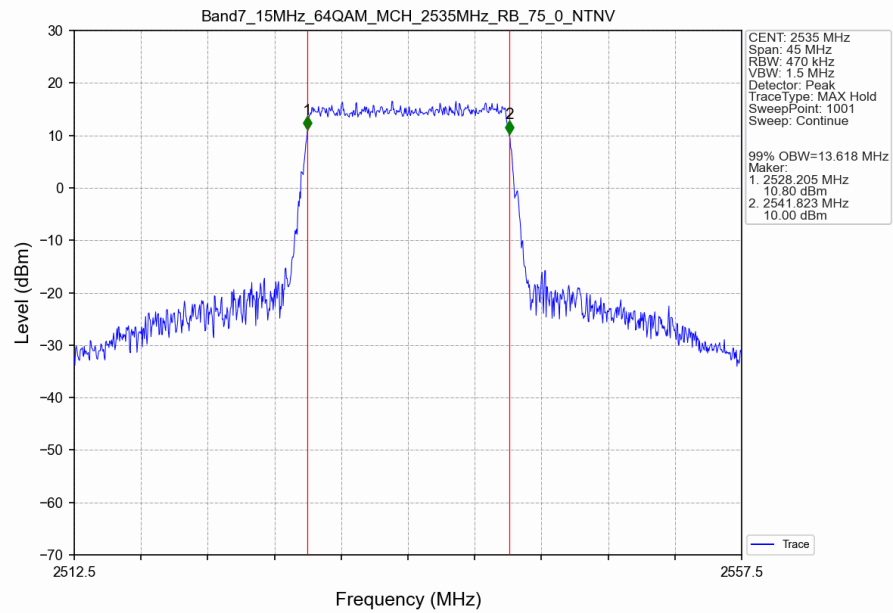
# Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



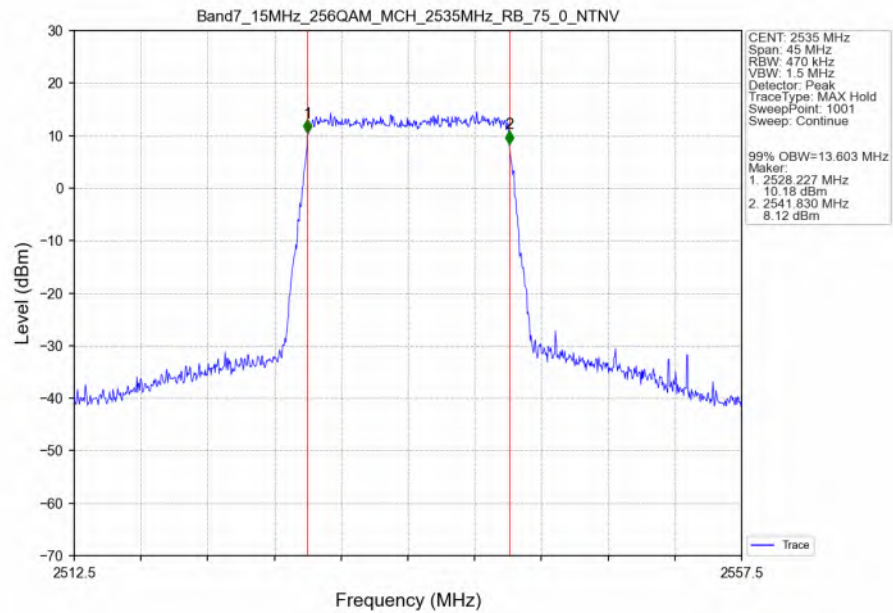
# Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



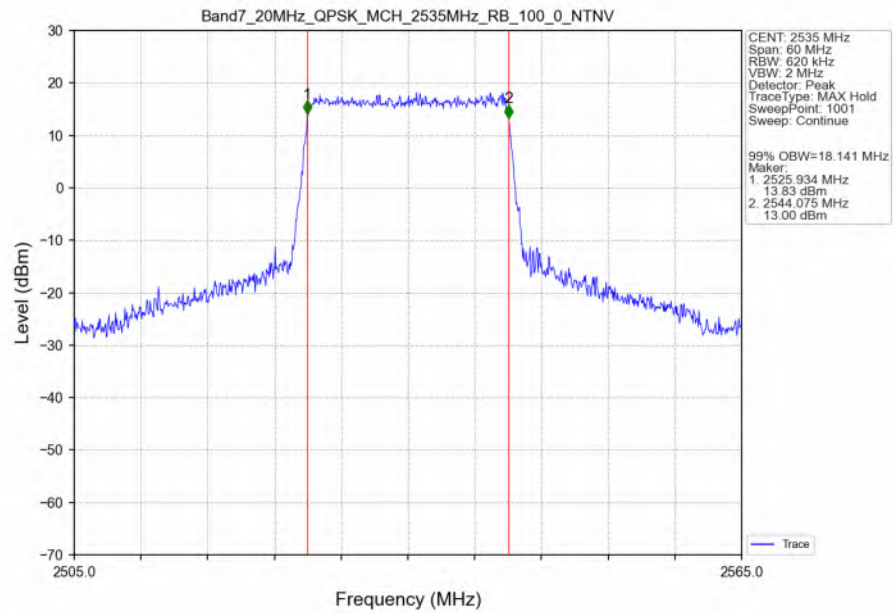
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



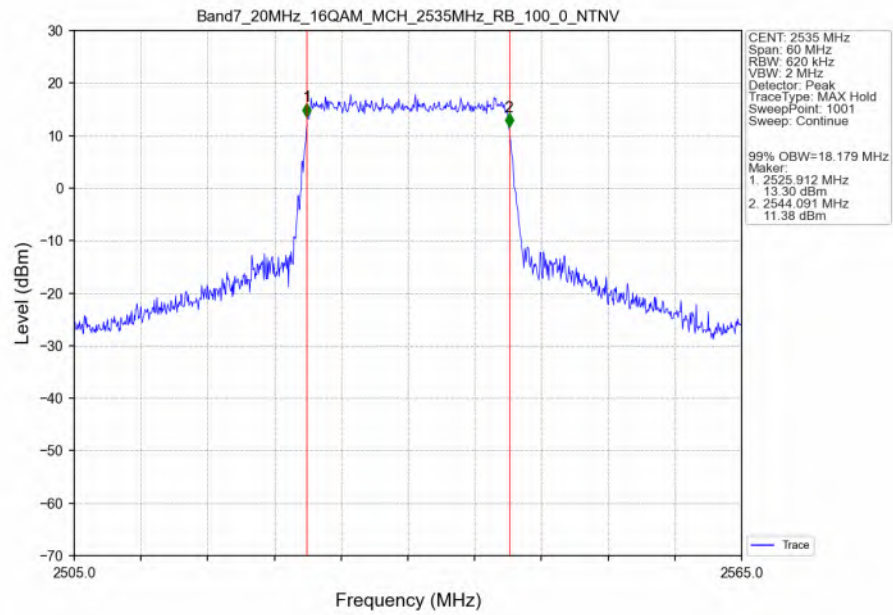
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



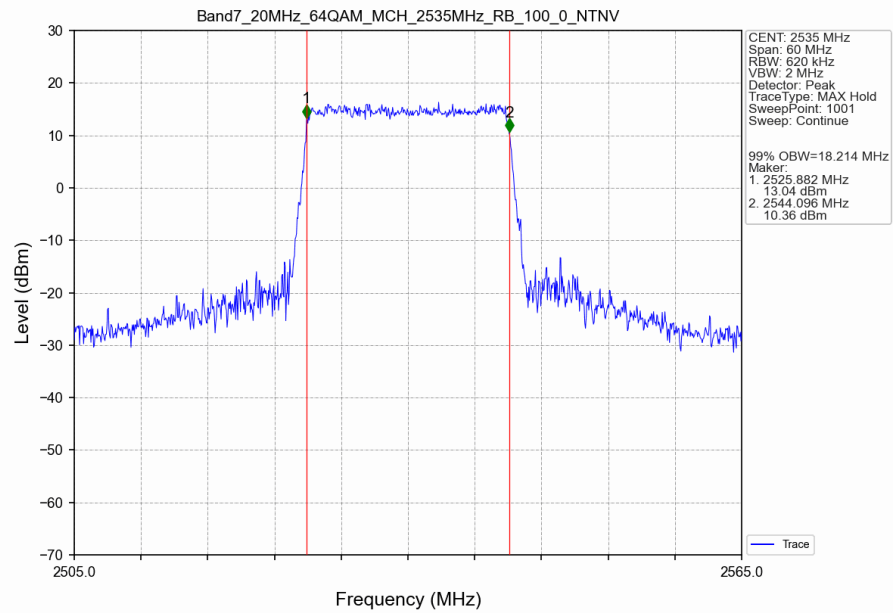
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



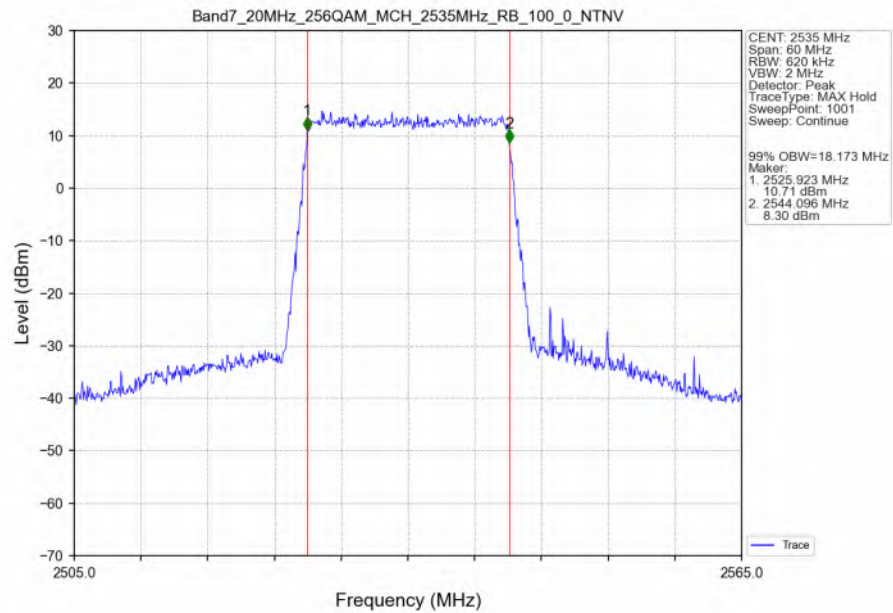
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



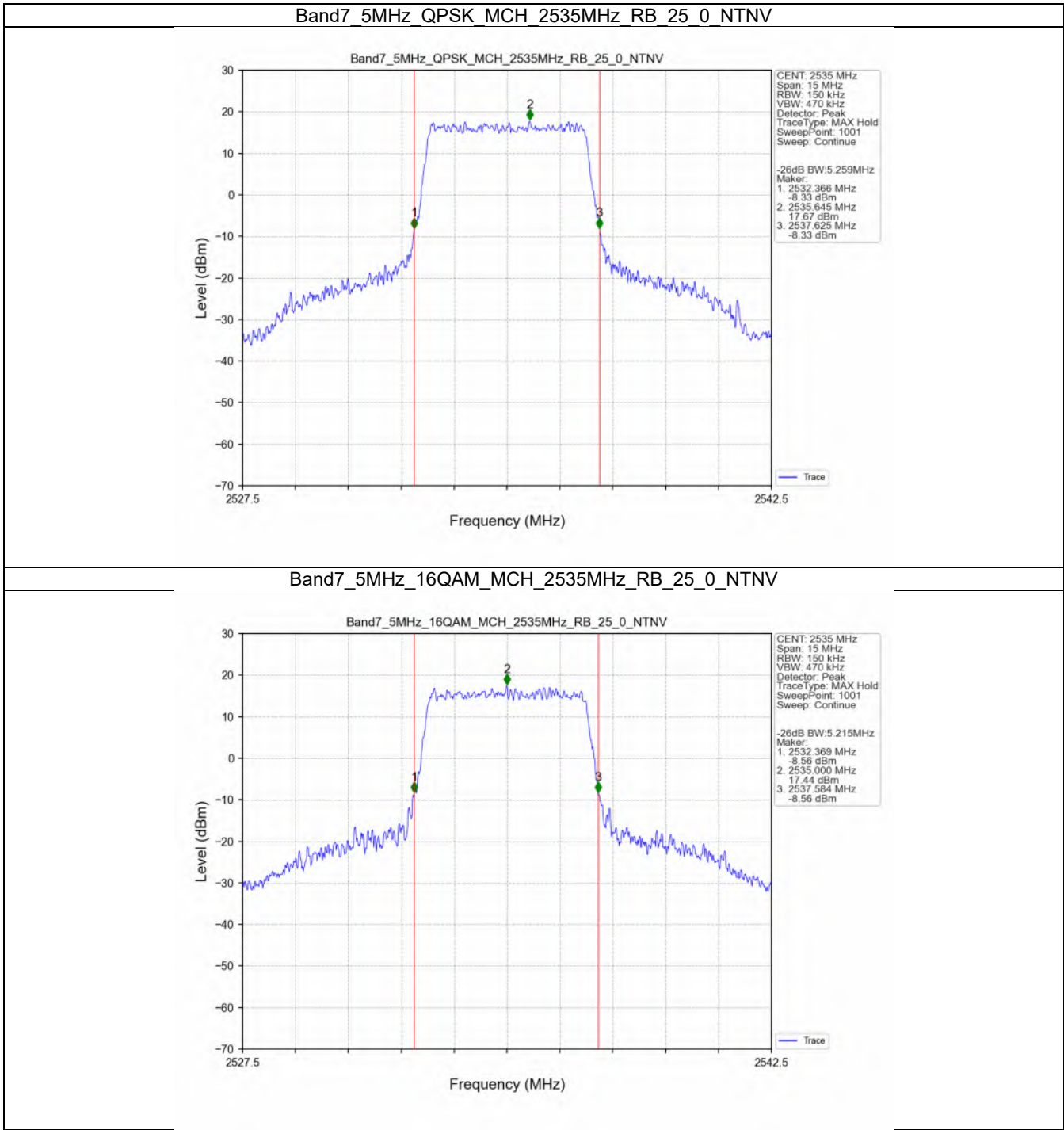
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



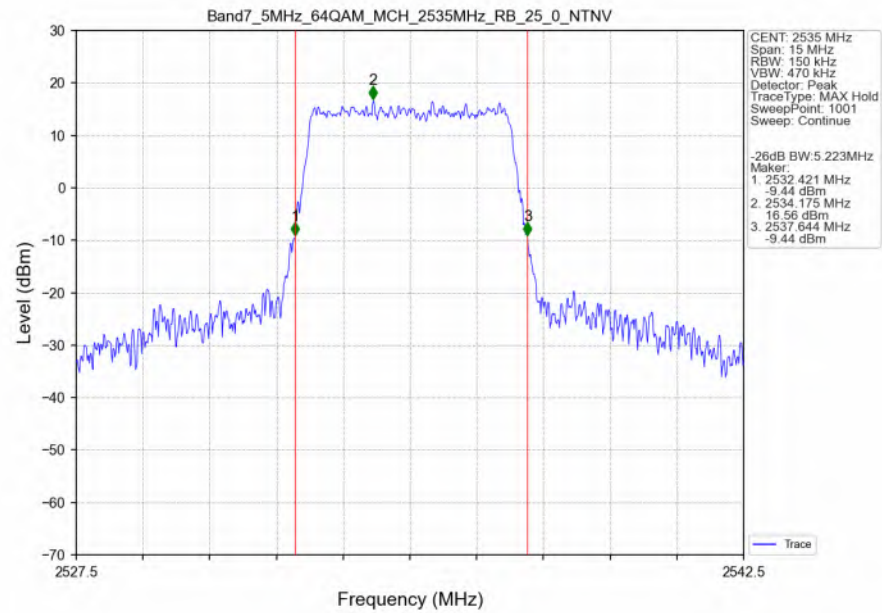
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



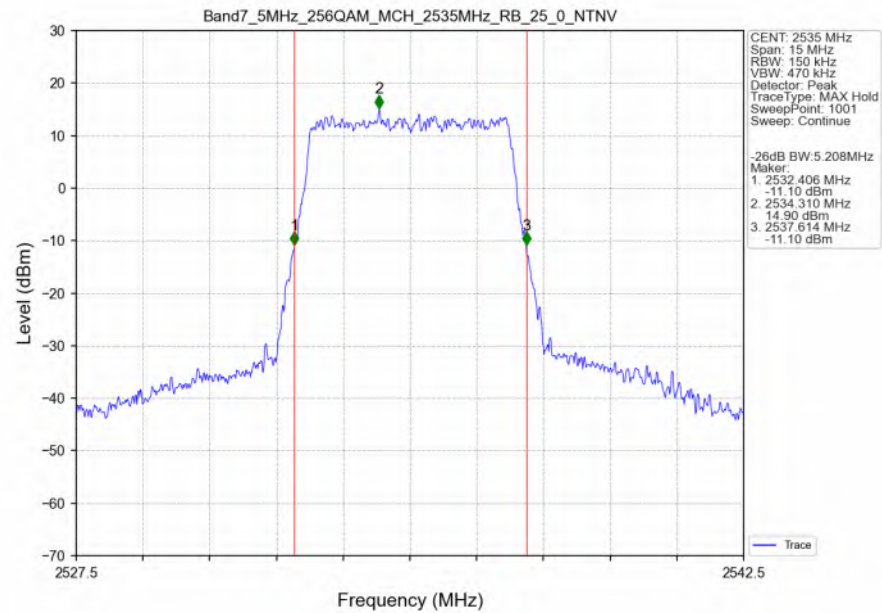
3.2.2 Band7\_XDB



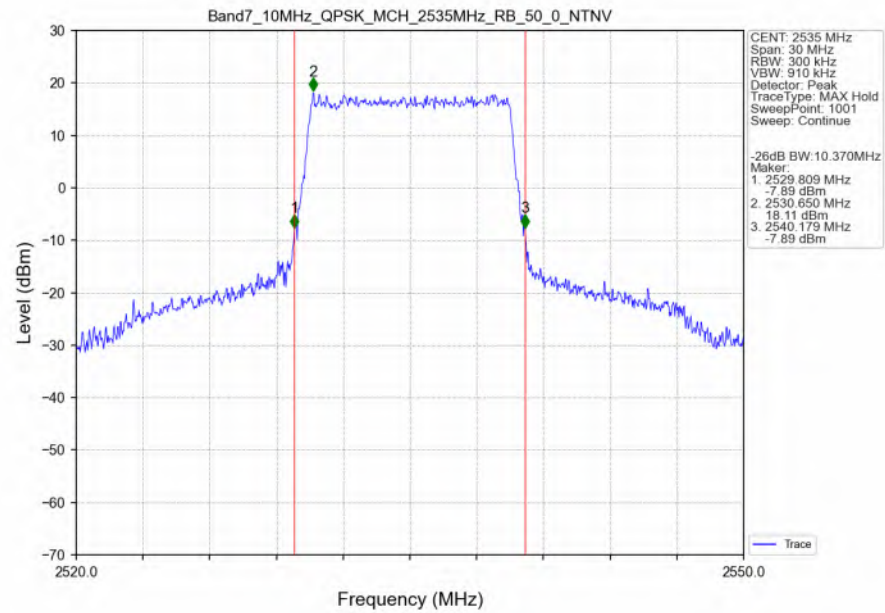
# Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



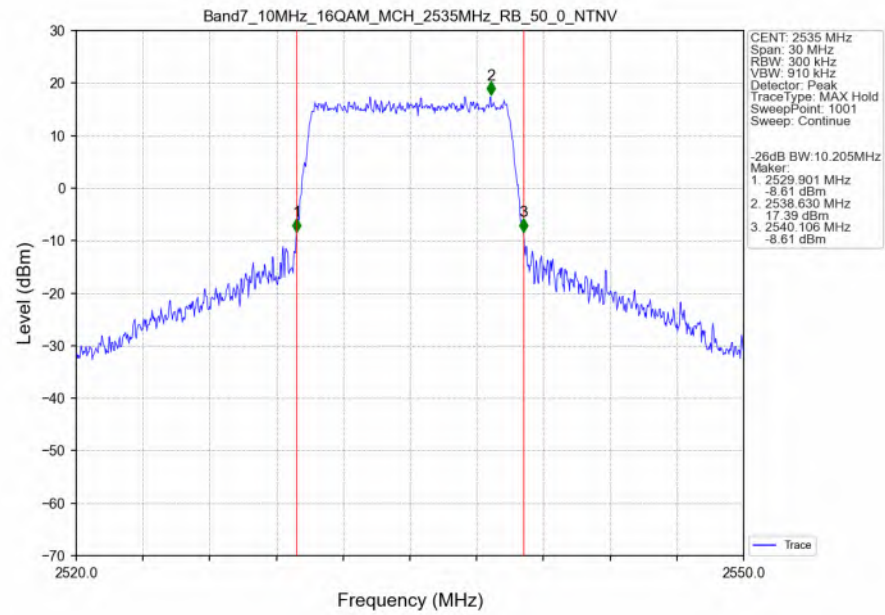
# Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



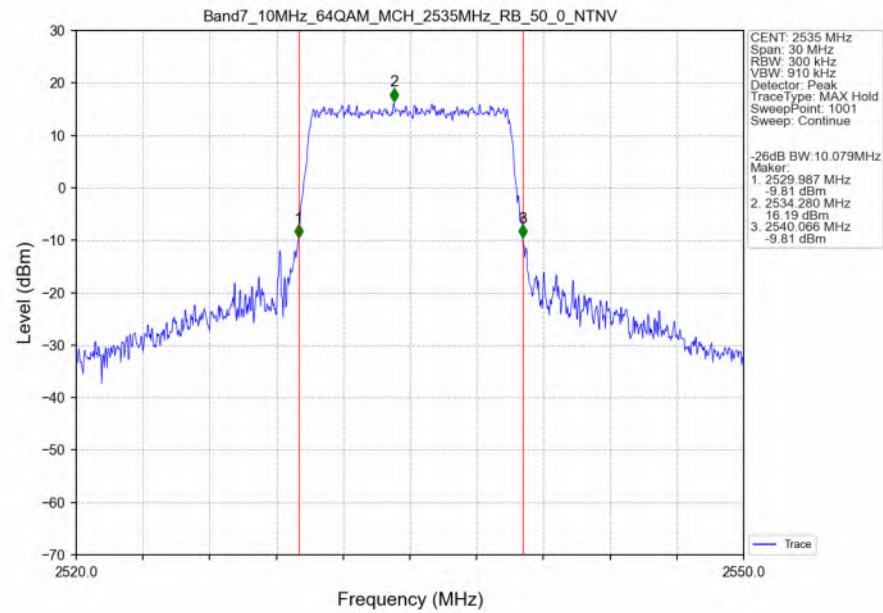
# Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



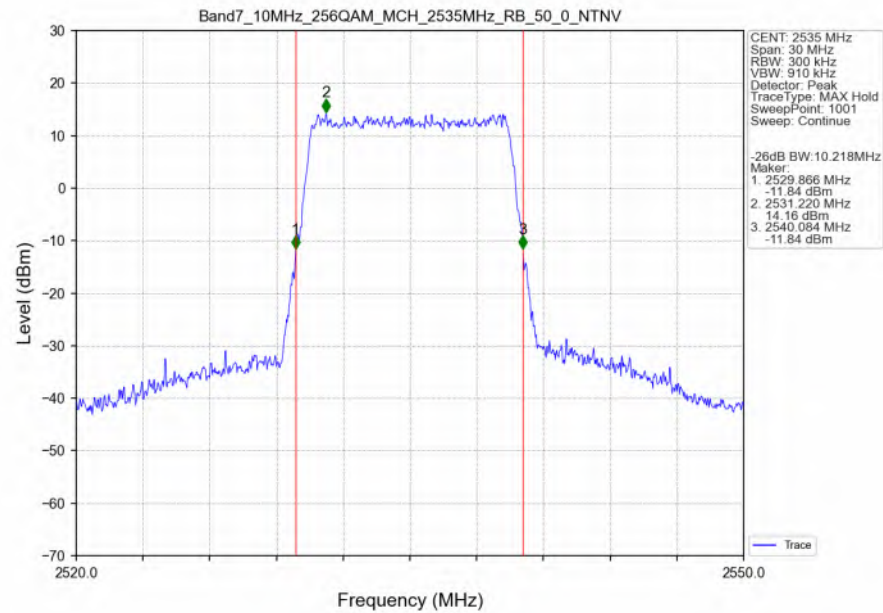
# Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



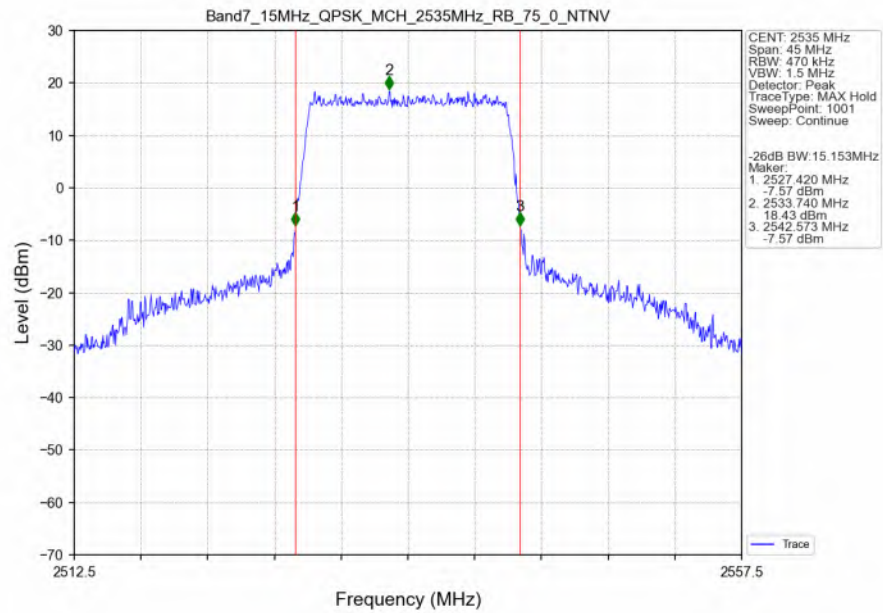
# Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTN



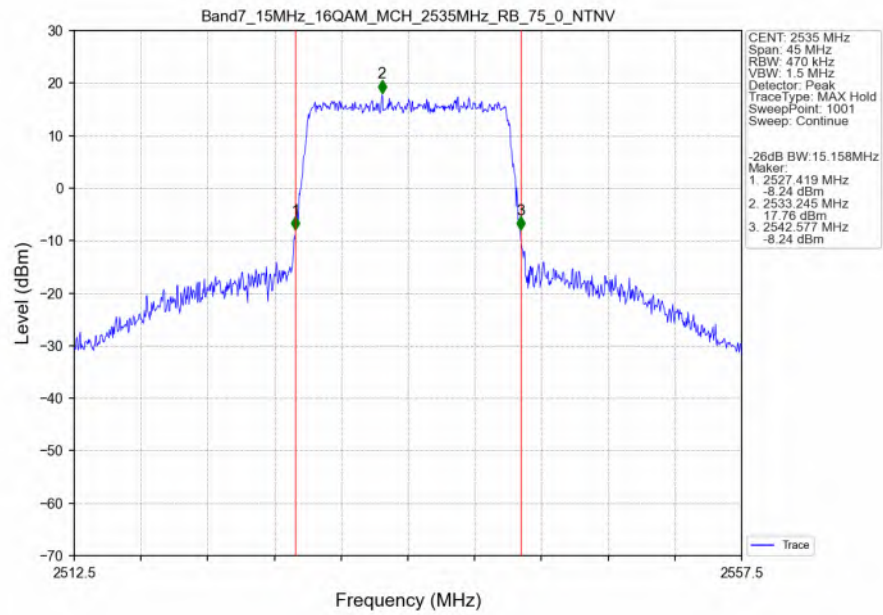
# Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



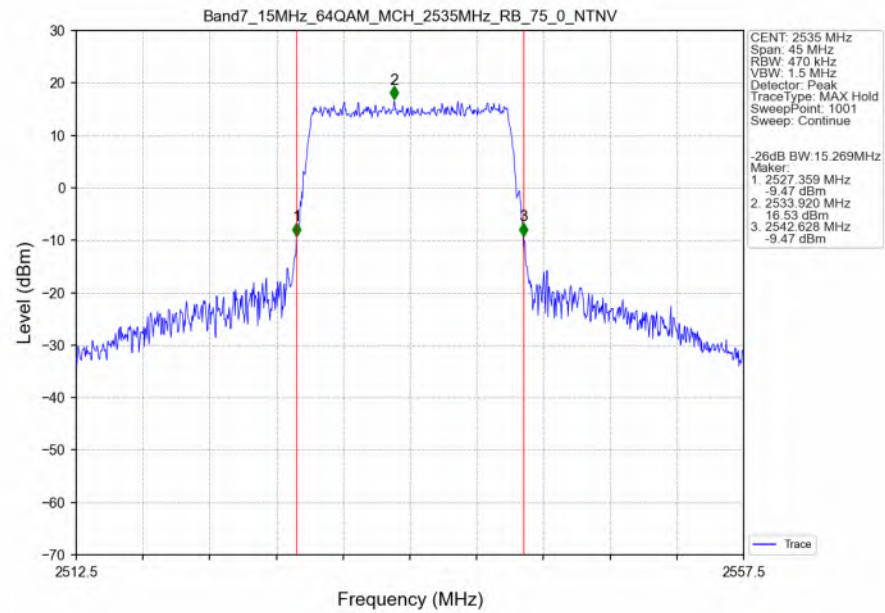
# Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



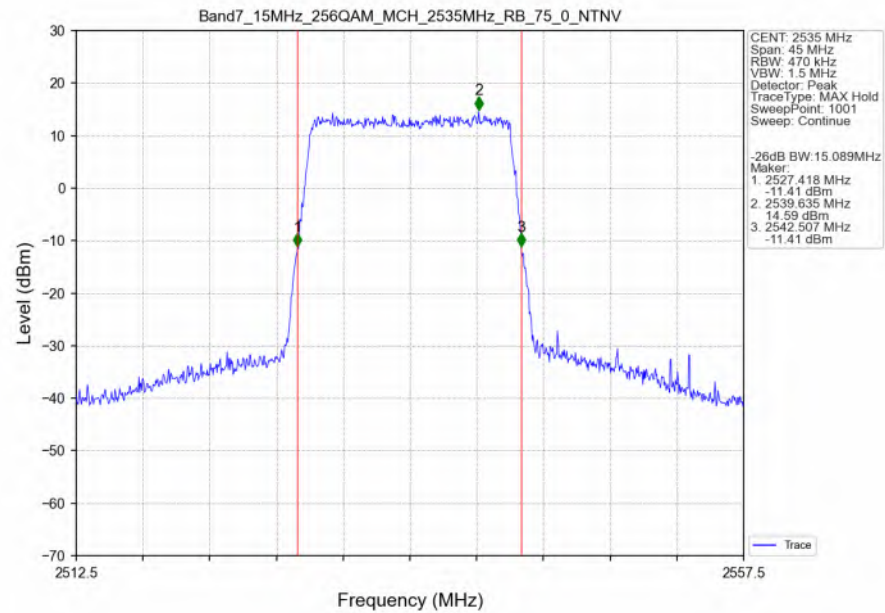
# Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



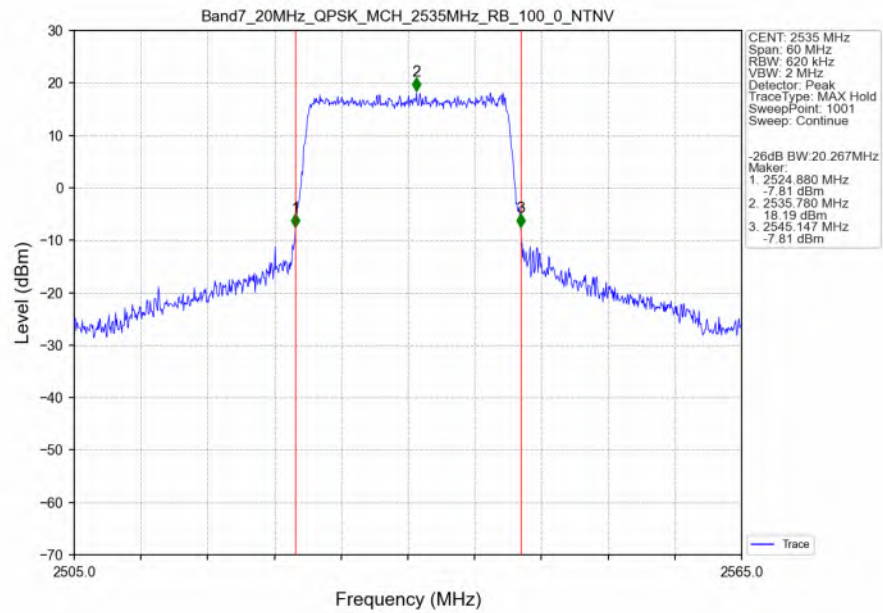
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



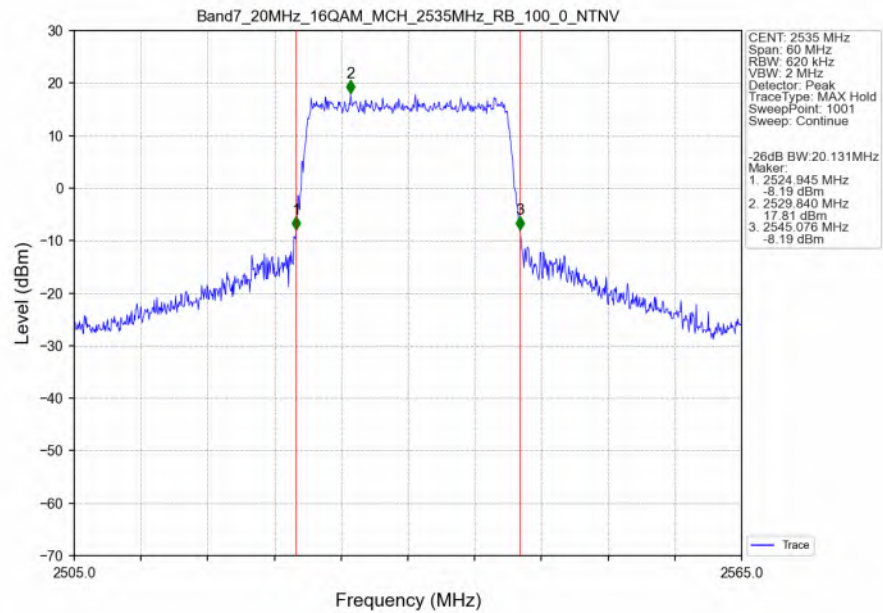
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



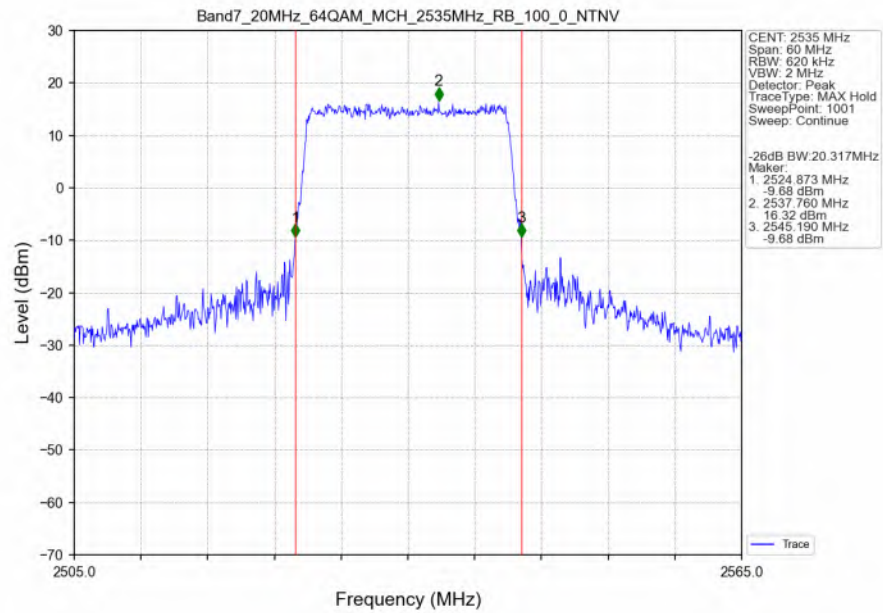
# Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



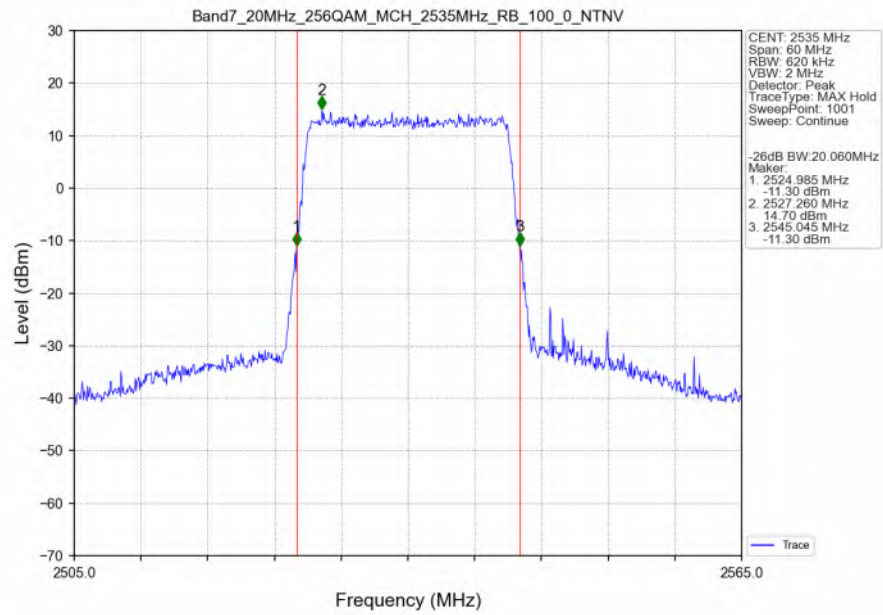
# Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTV



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTV



## 4. Peak-Average Ratio

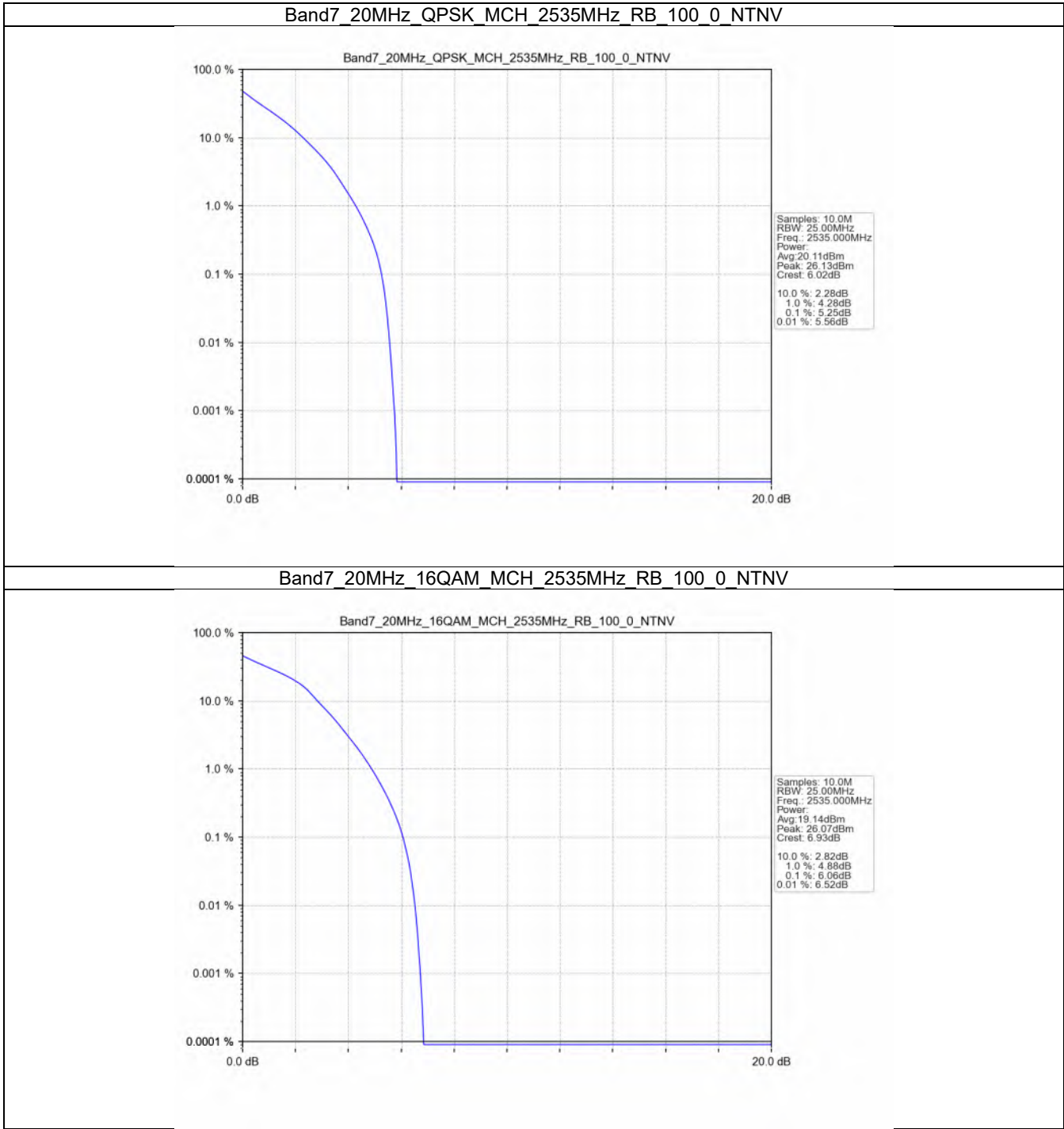
### 4.1 Test Result

#### 4.1.1 B7\_20MHz

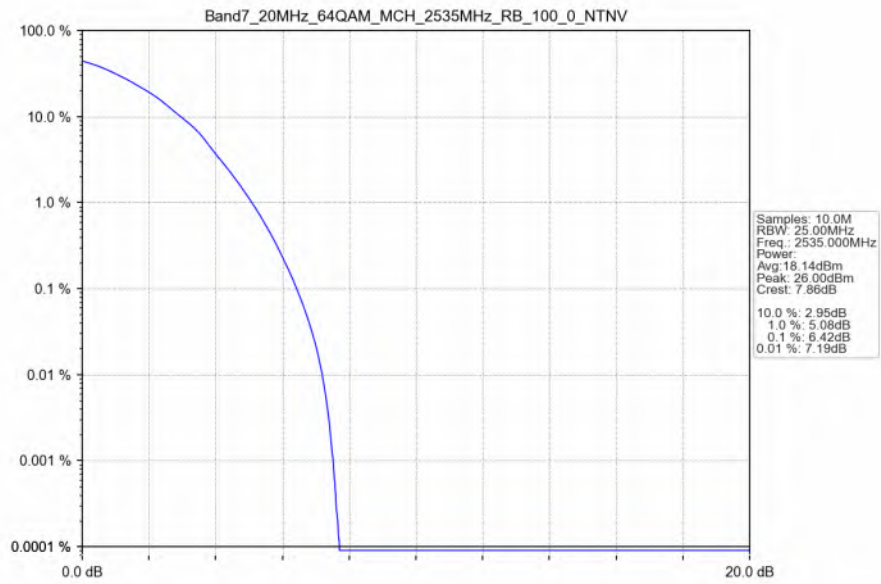
| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2535            | 100           | 0      | 5.25                    | <=13  | Pass    |
| 16QAM                             | 2535            | 100           | 0      | 6.06                    | <=13  | Pass    |
| 64QAM                             | 2535            | 100           | 0      | 6.42                    | <=13  | Pass    |
| 256QAM                            | 2535            | 100           | 0      | 6.64                    | <=13  | Pass    |

4.2 Test Graph

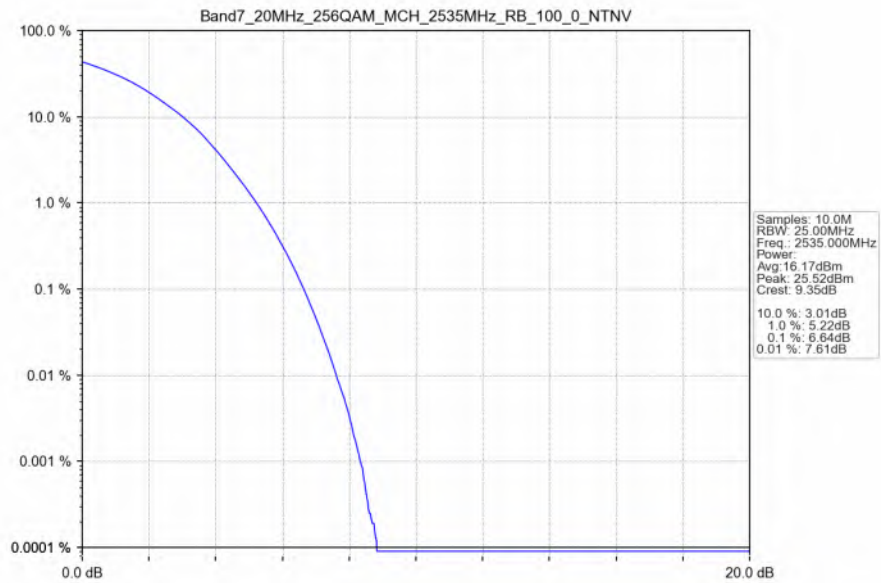
4.2.1 B7\_20MHz



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTV



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 2502.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2567.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 2505            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2565            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                  |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B7\_15MHz

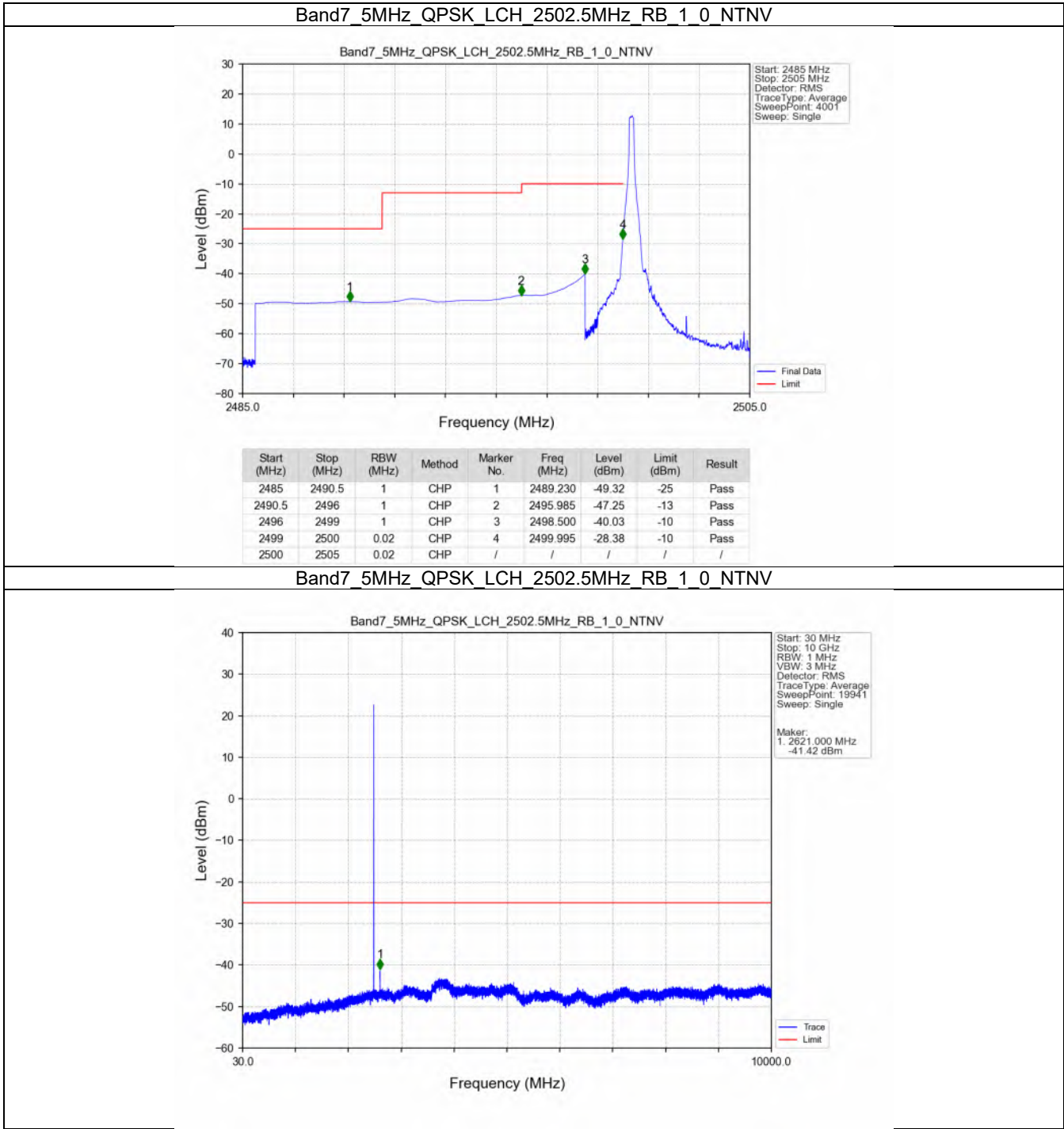
| Band: 7 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 2507.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2562.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B7\_20MHz

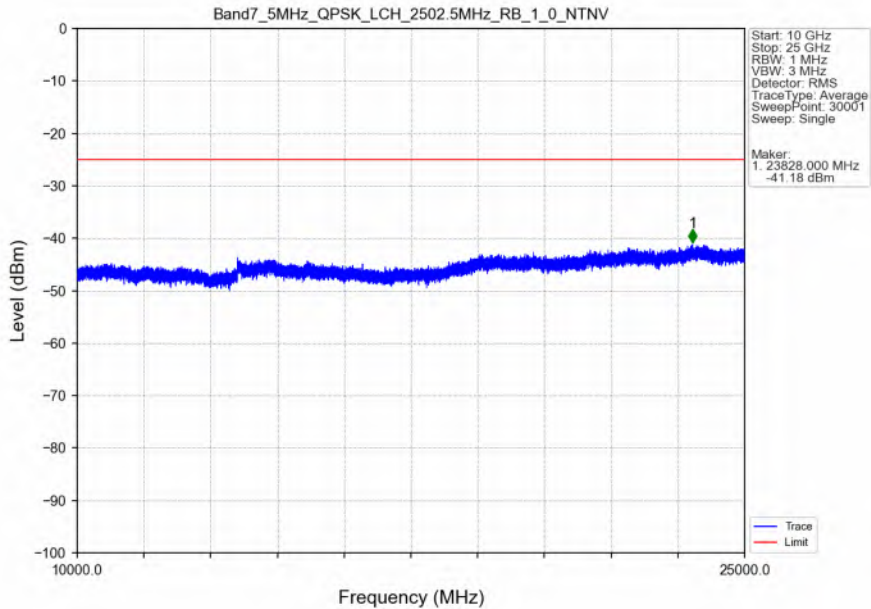
| Band: 7 / Bandwidth: 20MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2510            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

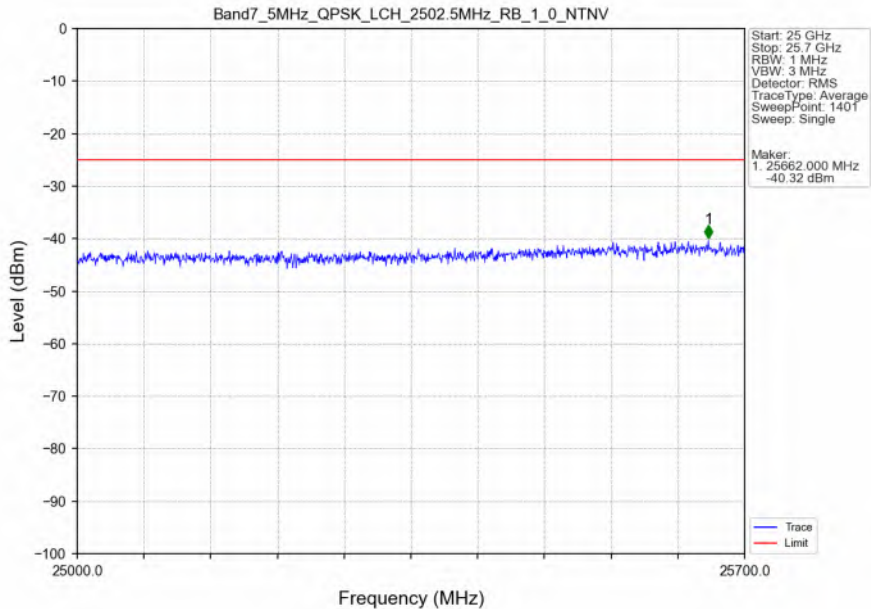
5.2.1 B7\_5MHz



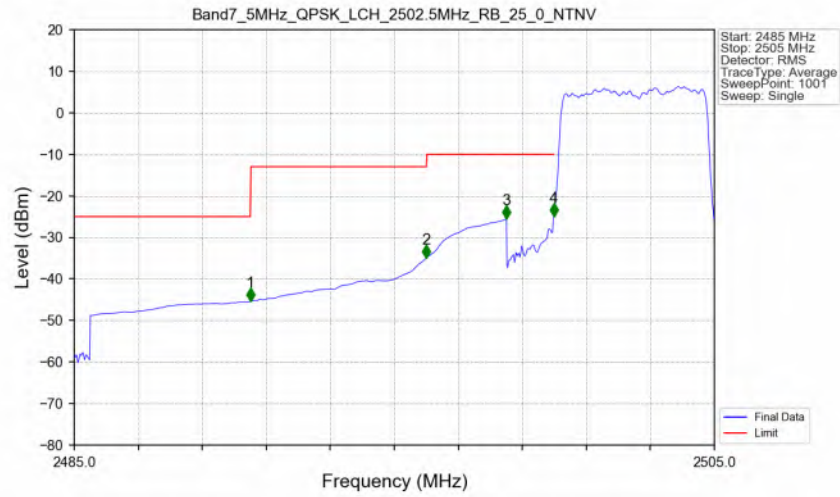
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

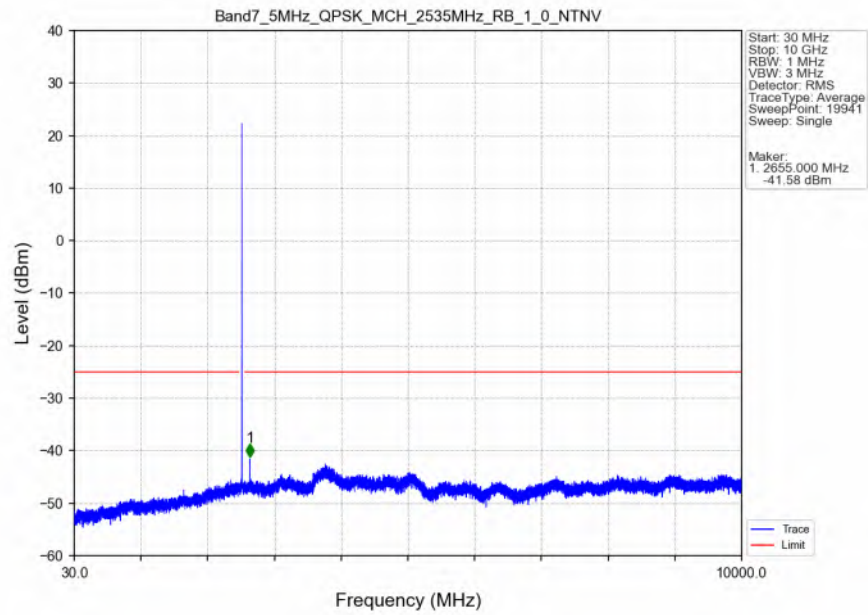


# Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

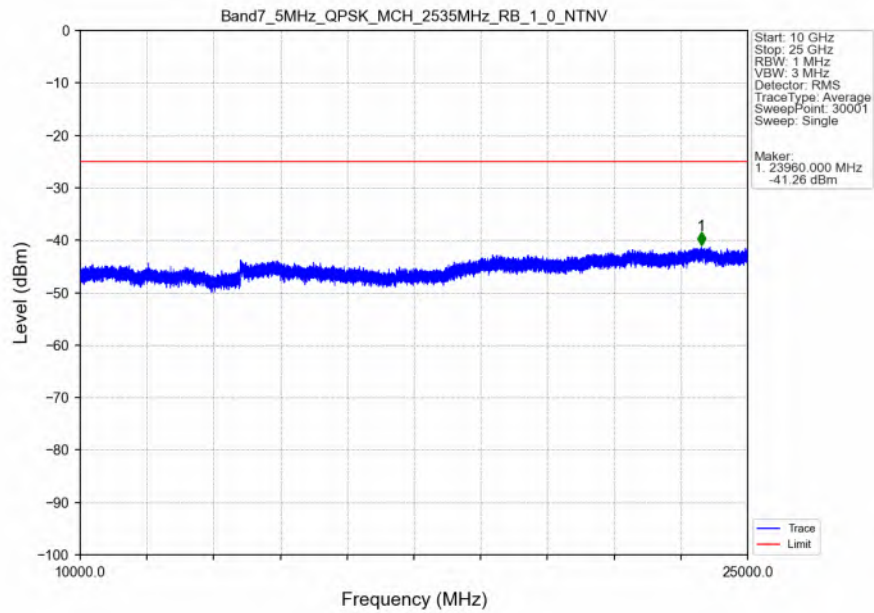


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -45.40      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -35.02      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -25.50      | -10         | Pass   |
| 2499        | 2500       | 0.105     | CHP    | 4          | 2499.980   | -24.85      | -10         | Pass   |
| 2500        | 2505       | 0.105     | CHP    | /          | /          | /           | /           | /      |

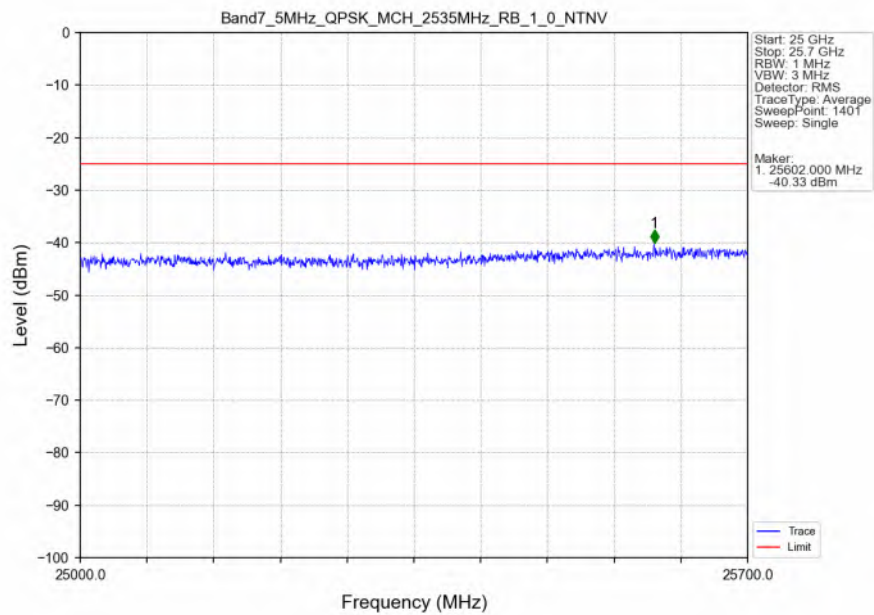
# Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



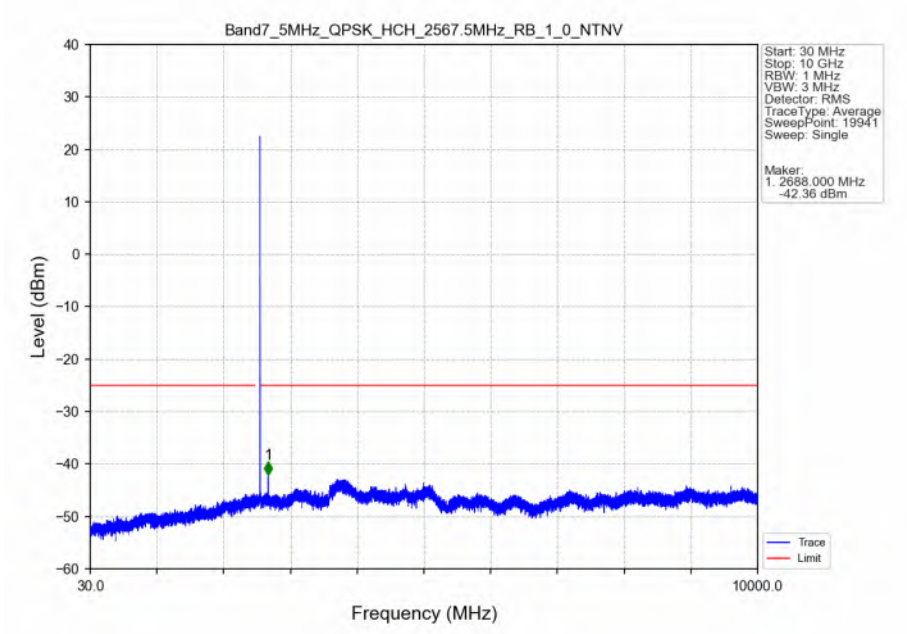
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



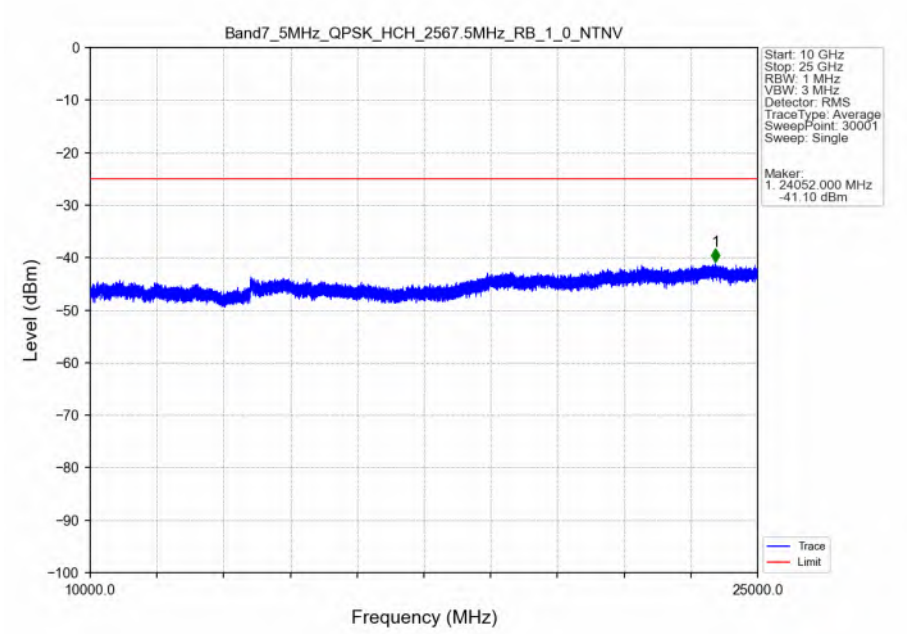
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



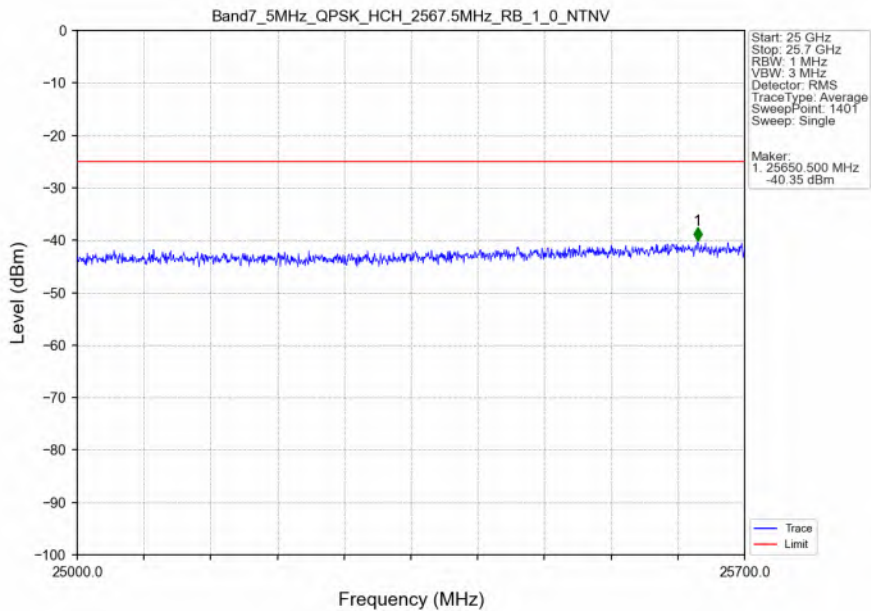
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



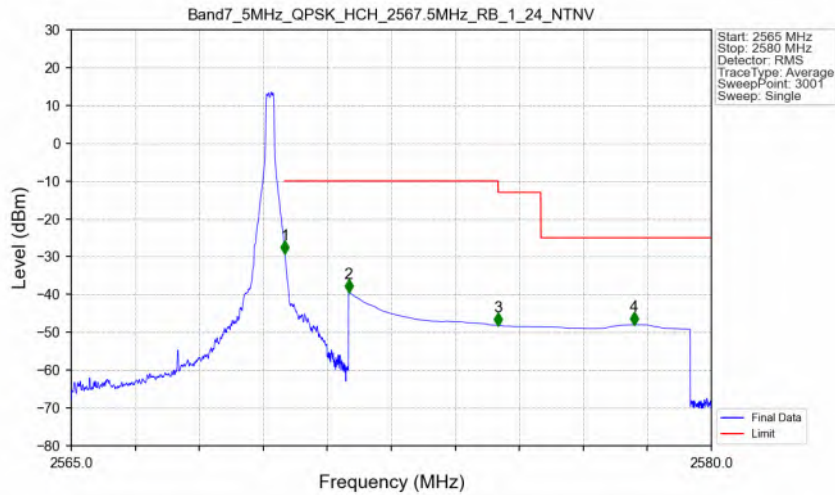
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

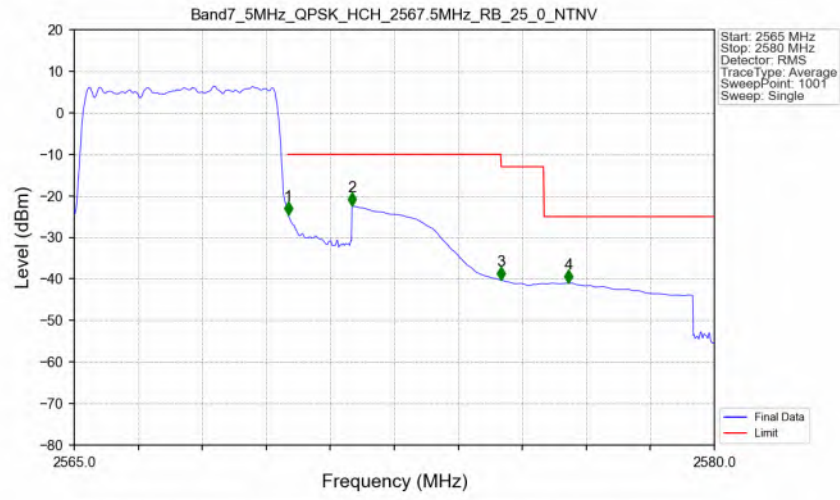


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



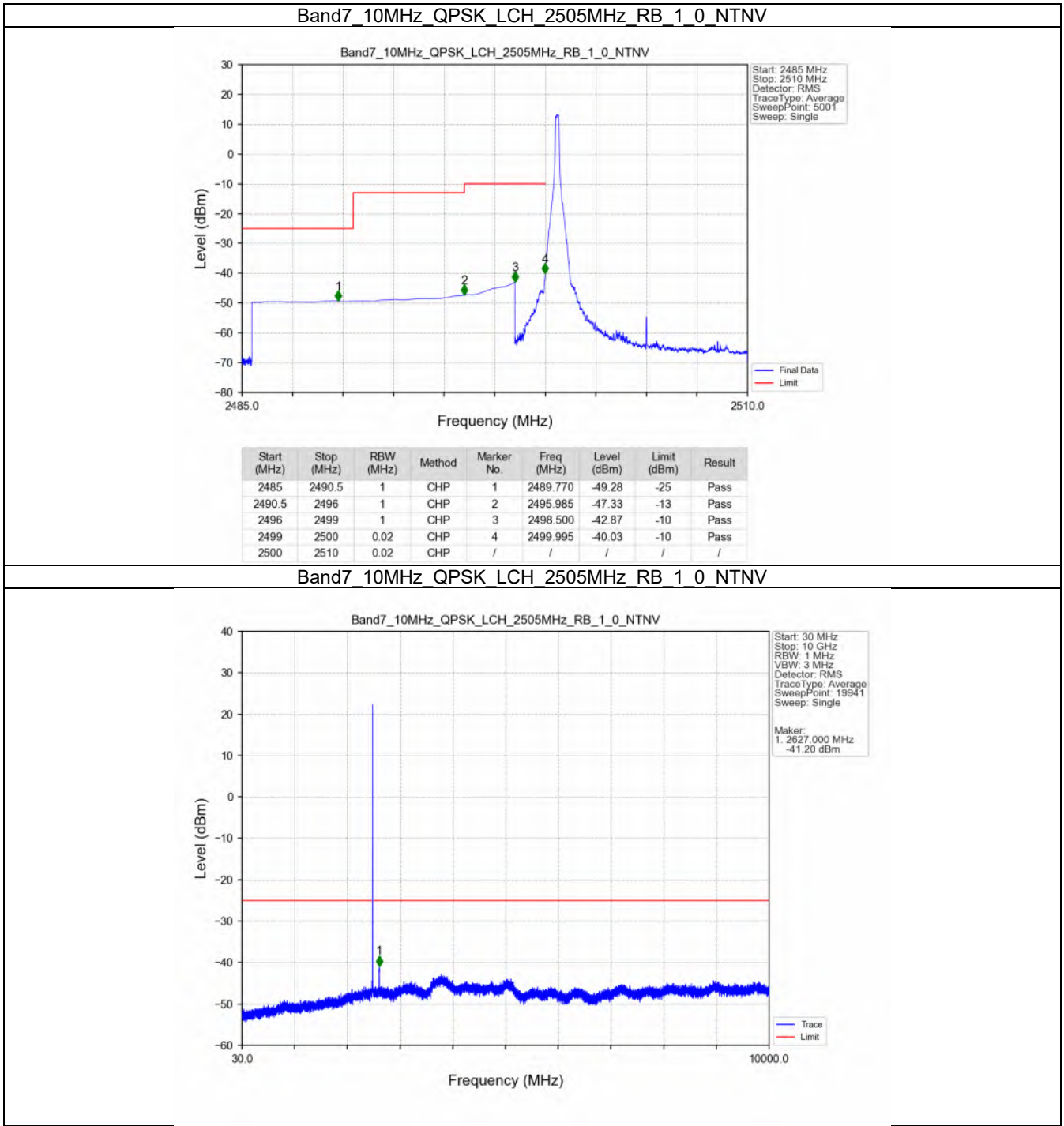
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -29.31      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -39.39      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -48.19      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2578.185   | -48.00      | -25         | Pass   |

# Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

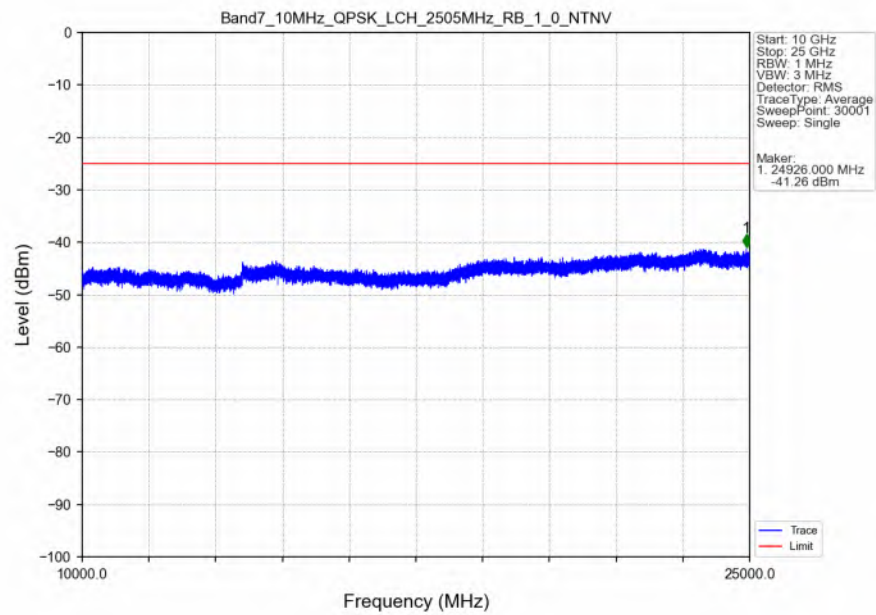


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.104     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.104     | CHP    | 1          | 2570.010   | -24.54      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -22.47      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -40.30      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.580   | -40.99      | -25         | Pass   |

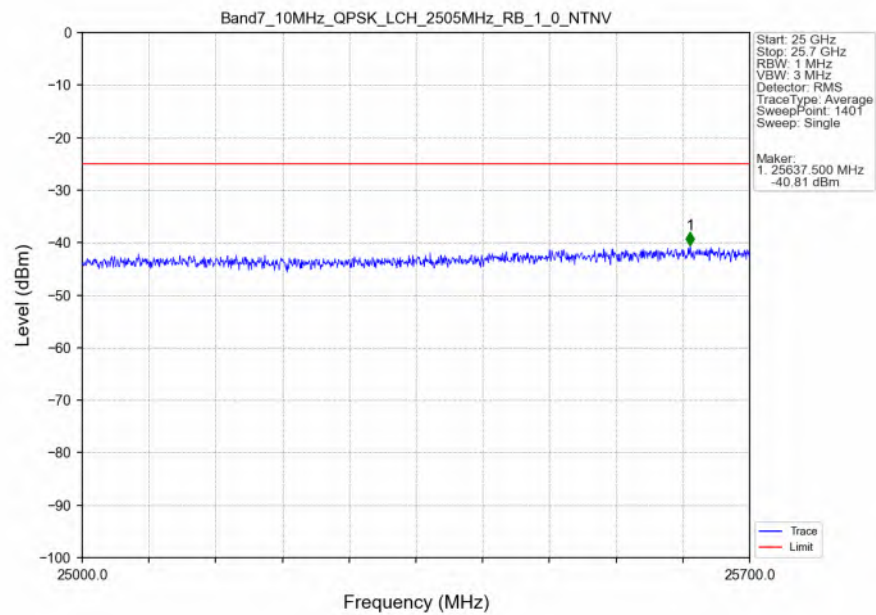
5.2.2 B7\_10MHz



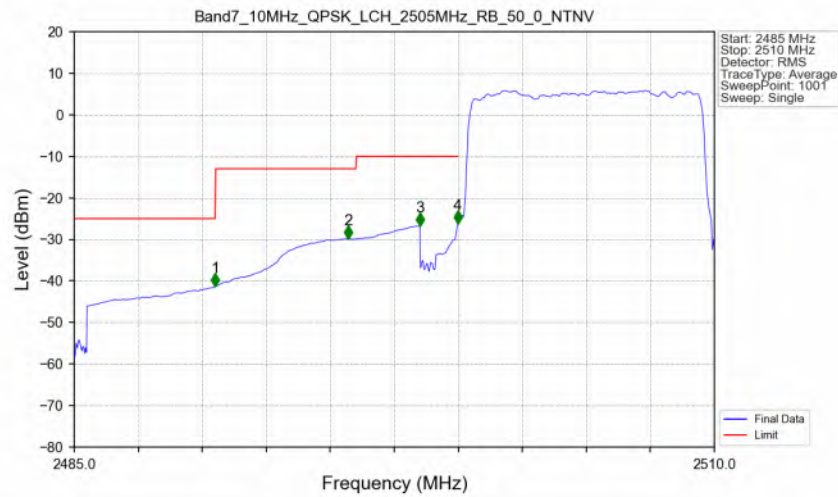
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN

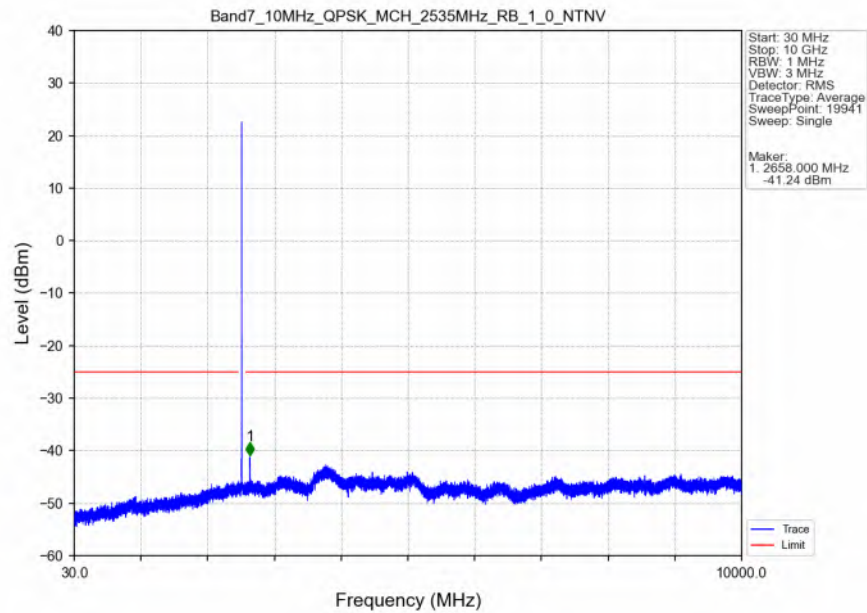


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV

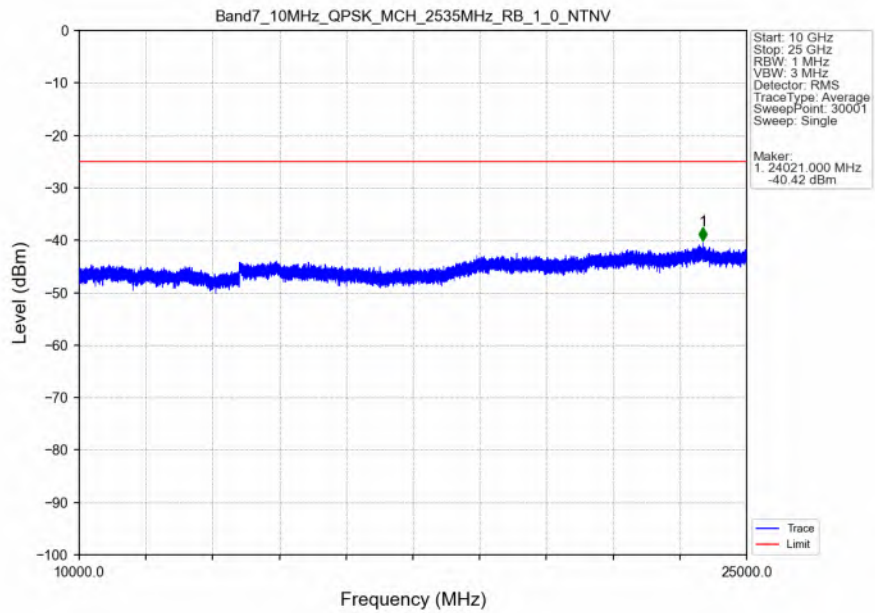


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -41.40      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.700   | -29.82      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -26.71      | -10         | Pass   |
| 2499        | 2500       | 0.204     | CHP    | 4          | 2499.975   | -26.15      | -10         | Pass   |
| 2500        | 2510       | 0.204     | CHP    | /          | /          | /           | /           | /      |

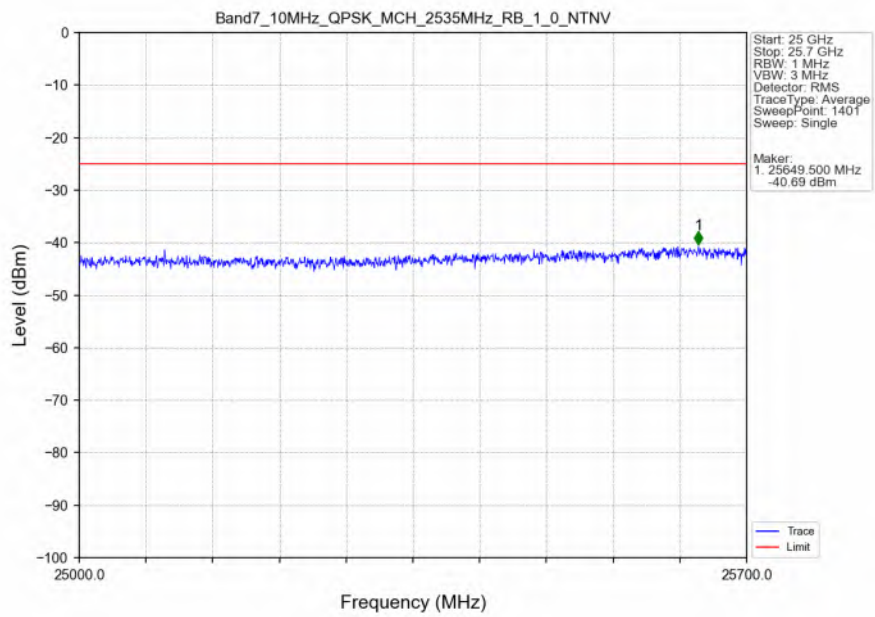
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



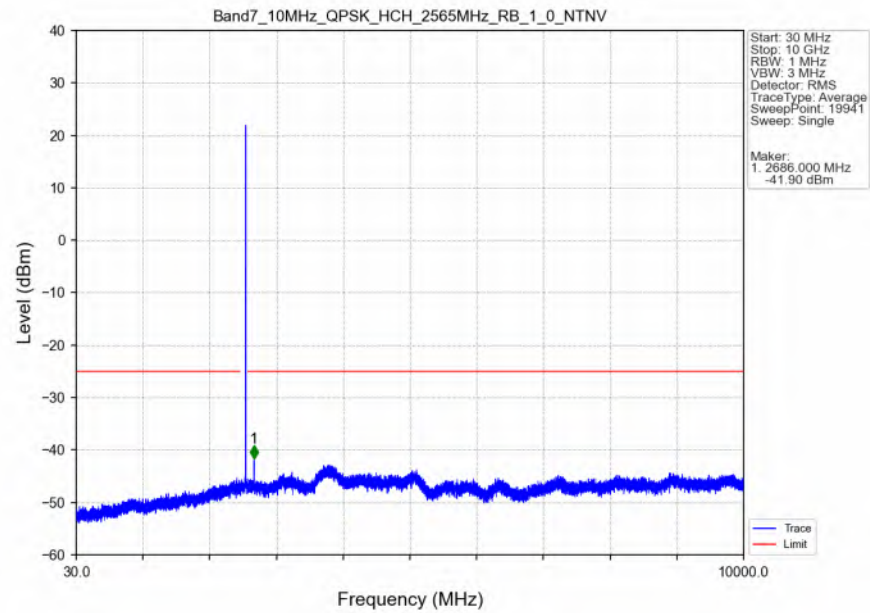
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



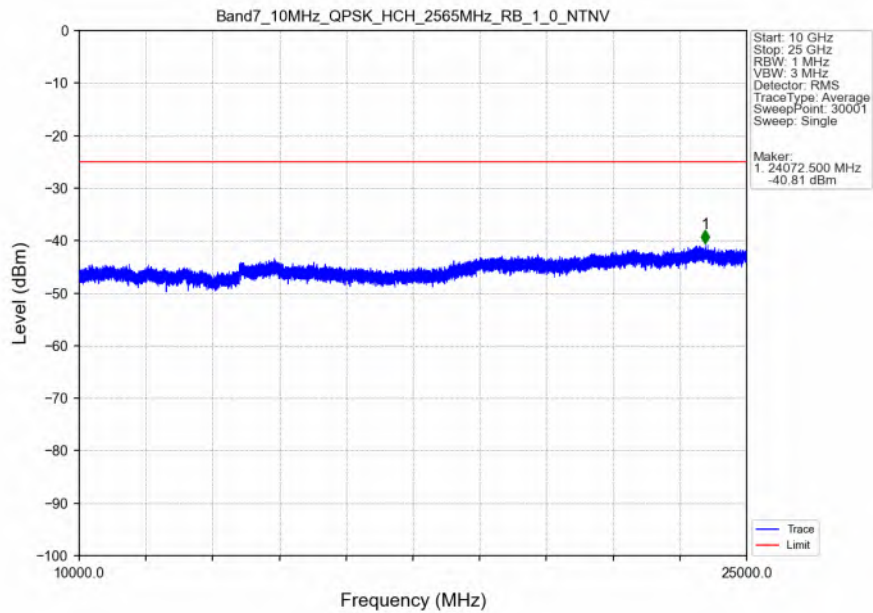
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



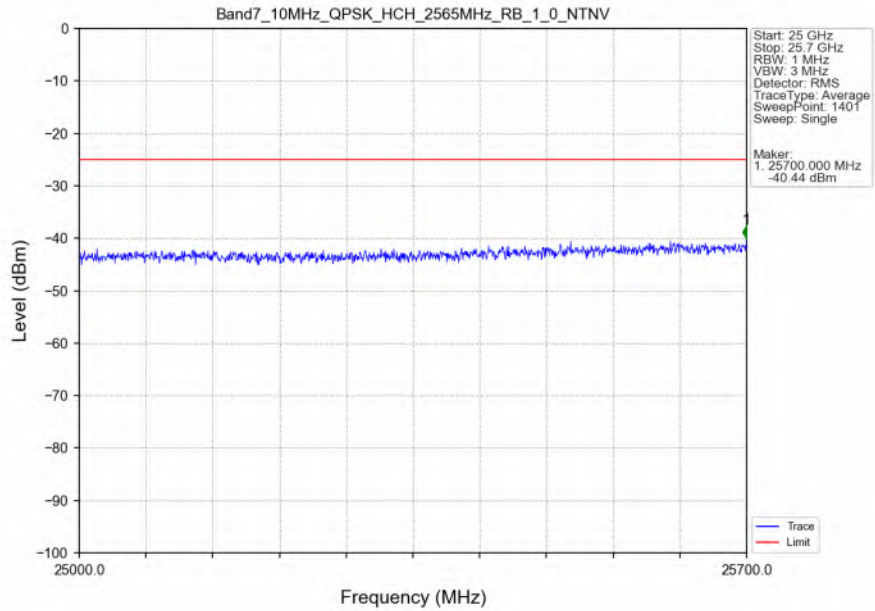
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



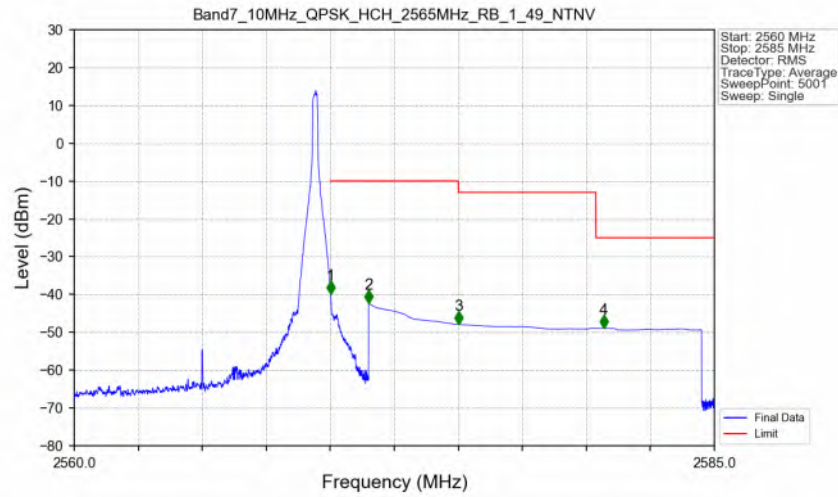
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



# Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

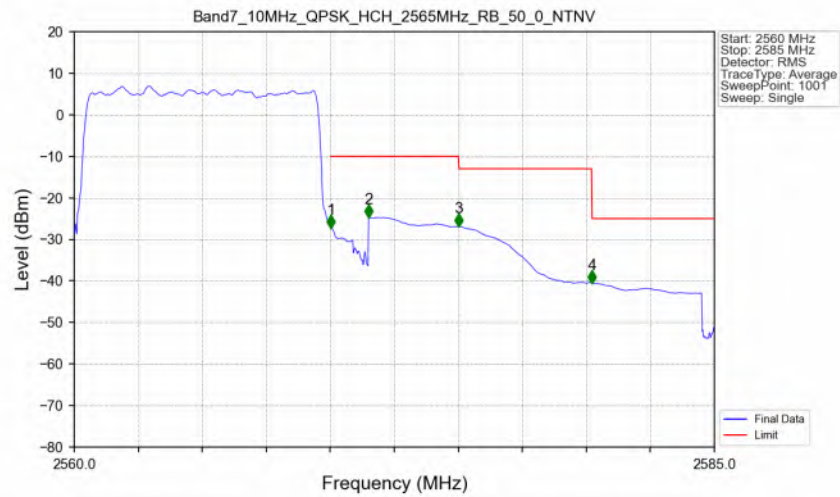


# Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



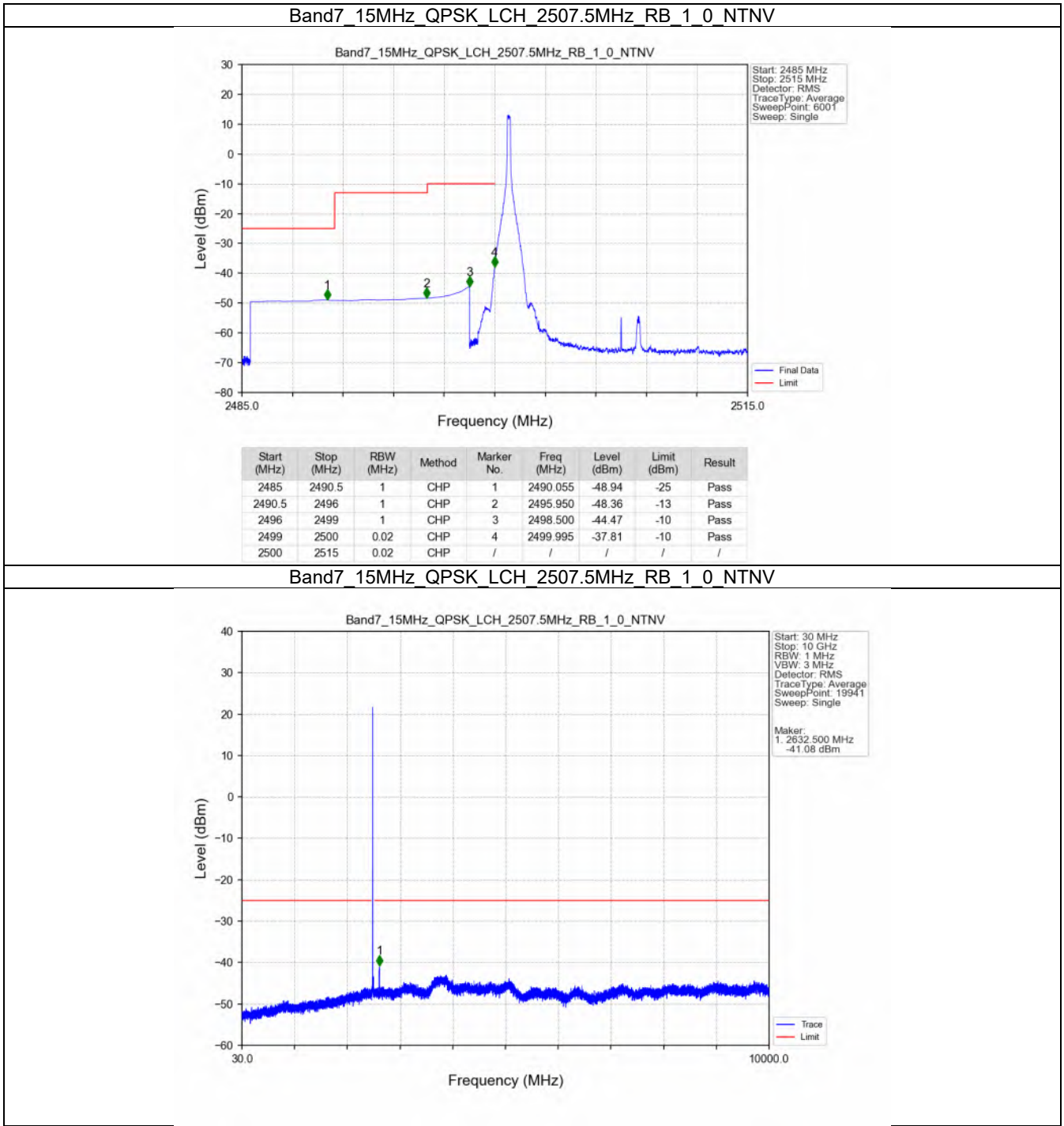
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -39.78      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -42.25      | -10         | Pass   |
| 2575        | 2580.37    | 1         | CHP    | 3          | 2575.005   | -47.87      | -13         | Pass   |
| 2580.37     | 2585       | 1         | CHP    | 4          | 2580.685   | -48.89      | -25         | Pass   |

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

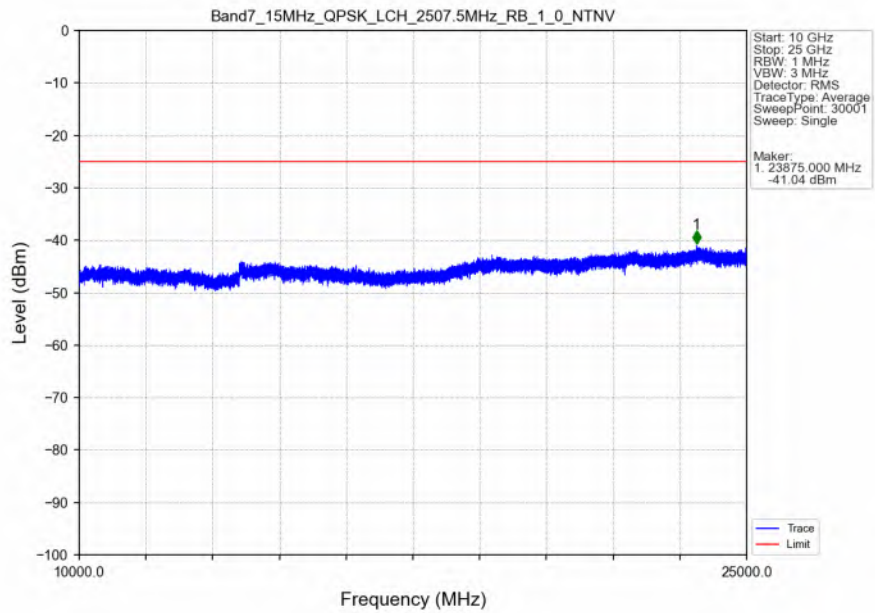


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.204     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.204     | CHP    | 1          | 2570.025   | -27.37      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -24.73      | -10         | Pass   |
| 2575        | 2580.205   | 1         | CHP    | 3          | 2575.025   | -26.92      | -13         | Pass   |
| 2580.205    | 2585       | 1         | CHP    | 4          | 2580.225   | -40.57      | -25         | Pass   |

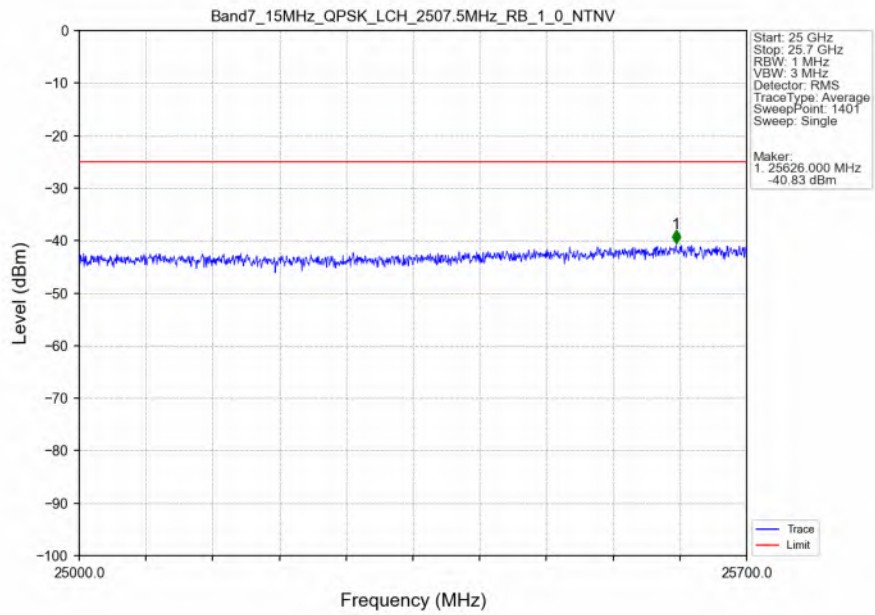
5.2.3 B7\_15MHz



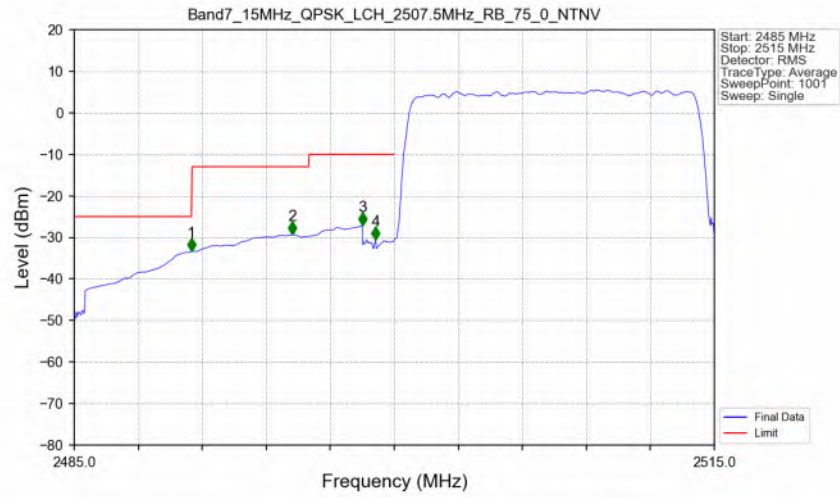
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

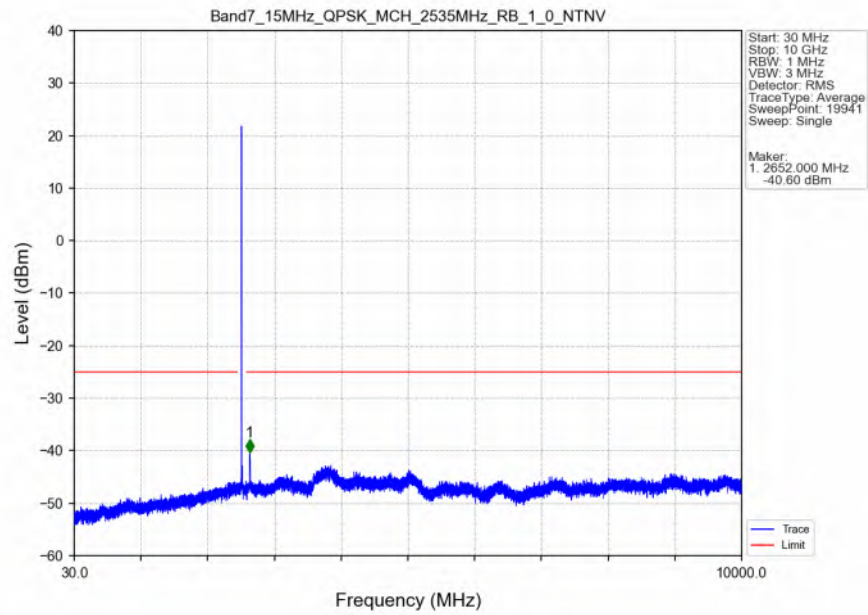


# Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

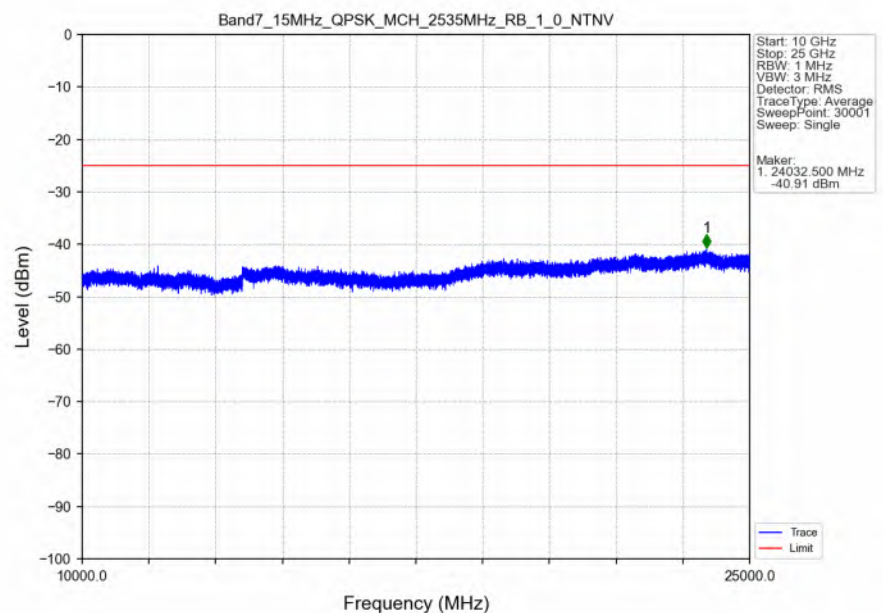


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -33.38      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.230   | -29.32      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -27.15      | -10         | Pass   |
| 2499        | 2500       | 0.303     | CHP    | 4          | 2499.130   | -30.55      | -10         | Pass   |
| 2500        | 2515       | 0.303     | CHP    | /          | /          | /           | /           | /      |

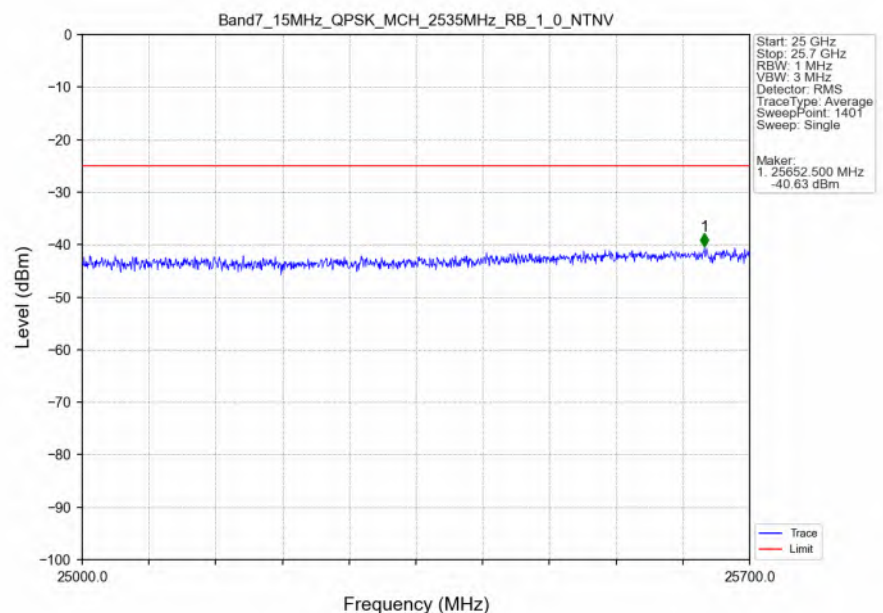
# Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



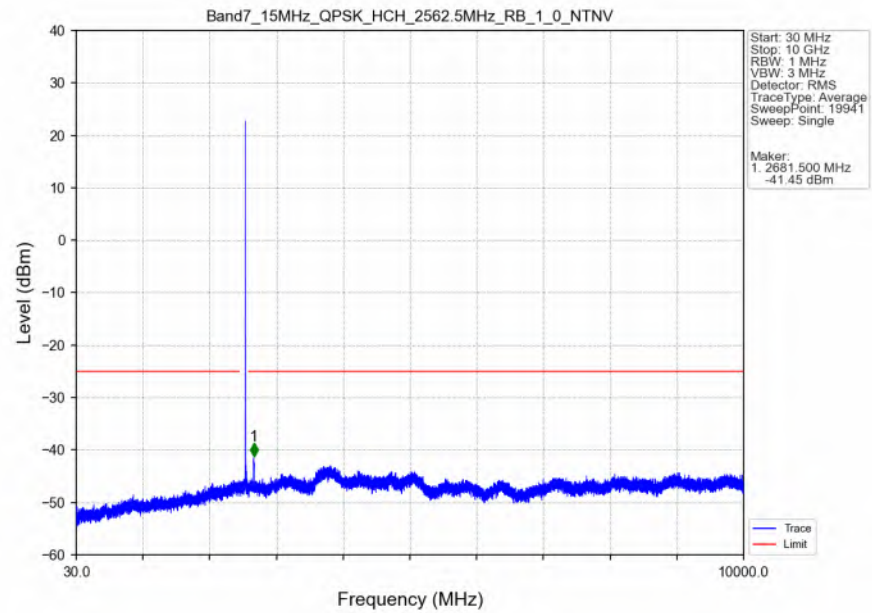
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



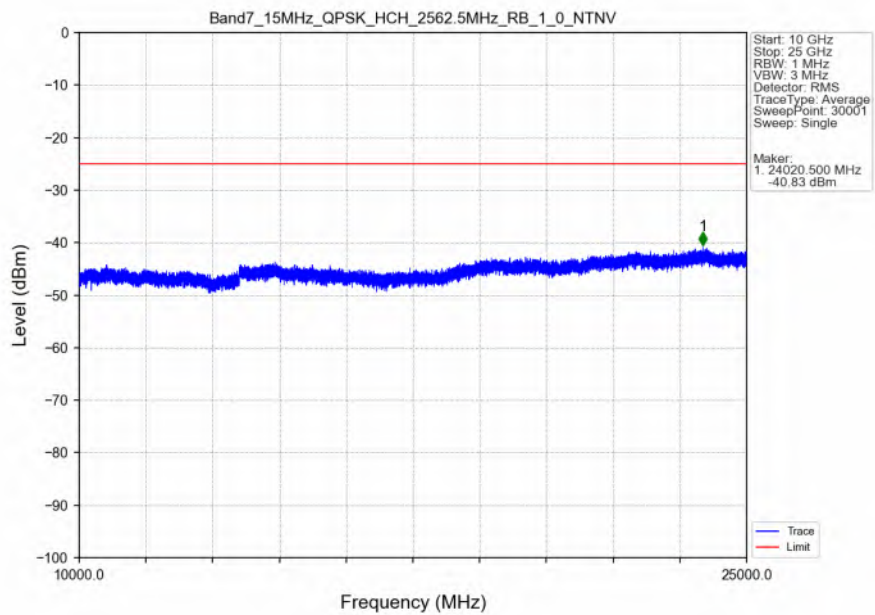
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



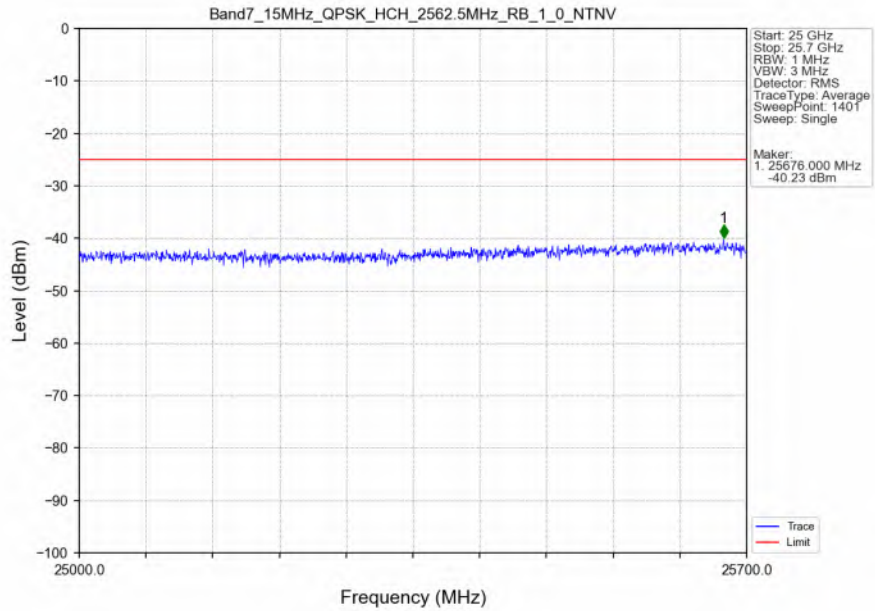
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



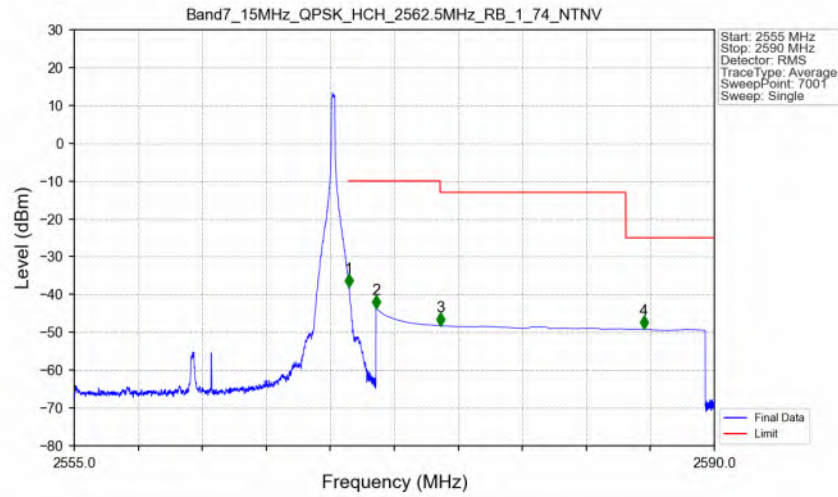
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



# Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

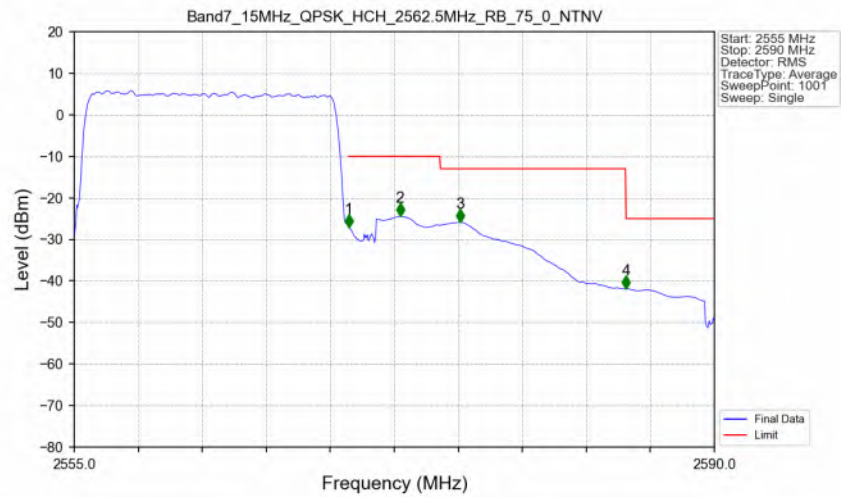


# Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



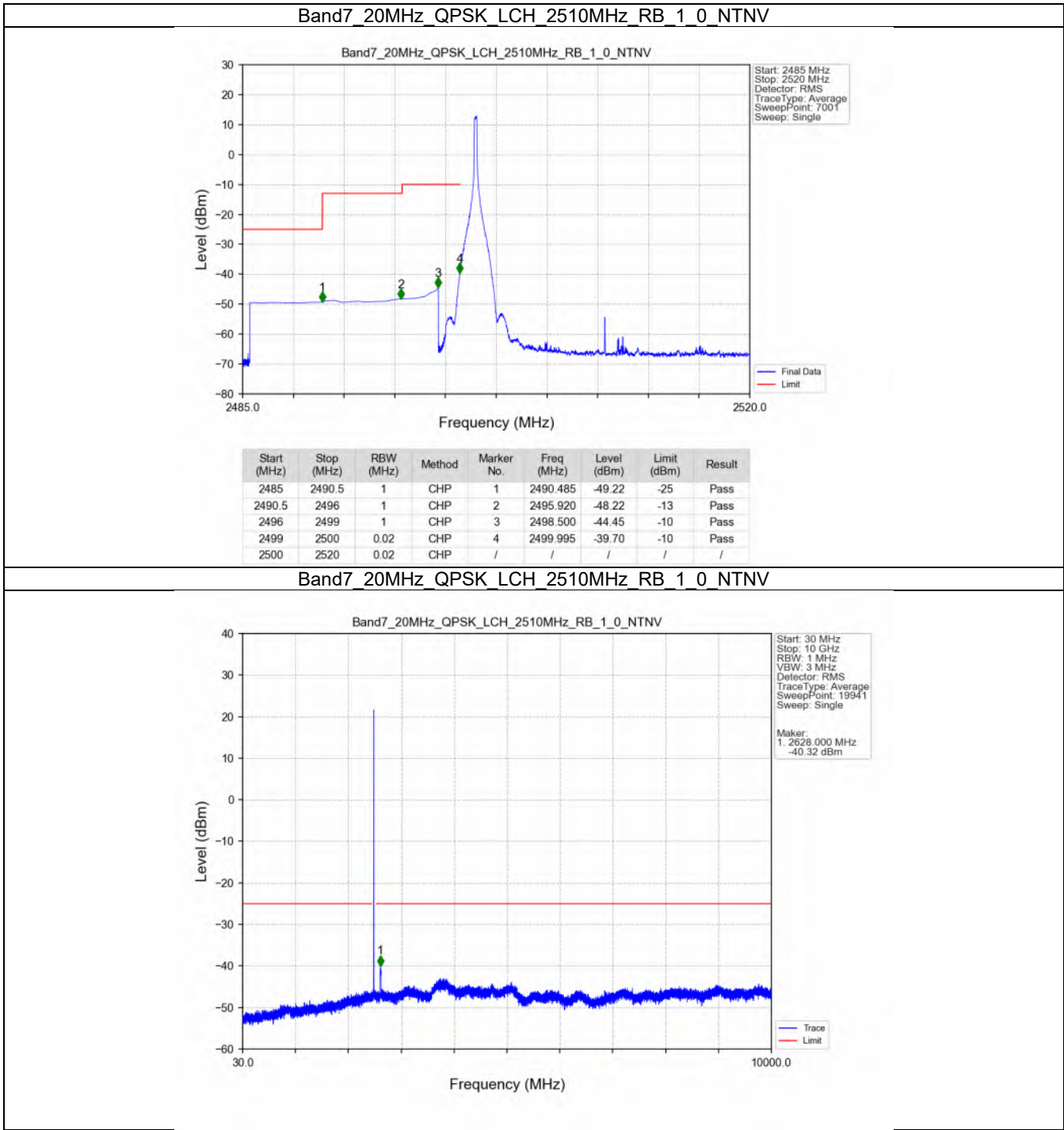
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.010   | -38.07      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -43.67      | -10         | Pass   |
| 2575        | 2585.153   | 1         | CHP    | 3          | 2575.005   | -48.25      | -13         | Pass   |
| 2585.153    | 2590       | 1         | CHP    | 4          | 2586.135   | -49.16      | -25         | Pass   |

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTV

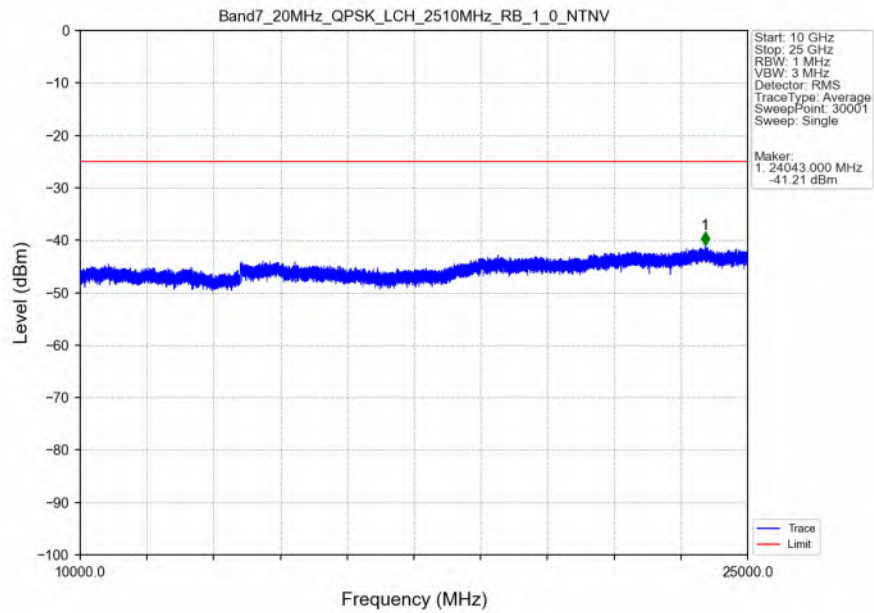


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.302     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.302     | CHP    | 1          | 2570.015   | -27.15      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2572.815   | -24.46      | -10         | Pass   |
| 2575        | 2585.153   | 1         | CHP    | 3          | 2576.105   | -25.84      | -13         | Pass   |
| 2585.153    | 2590       | 1         | CHP    | 4          | 2585.170   | -41.83      | -25         | Pass   |

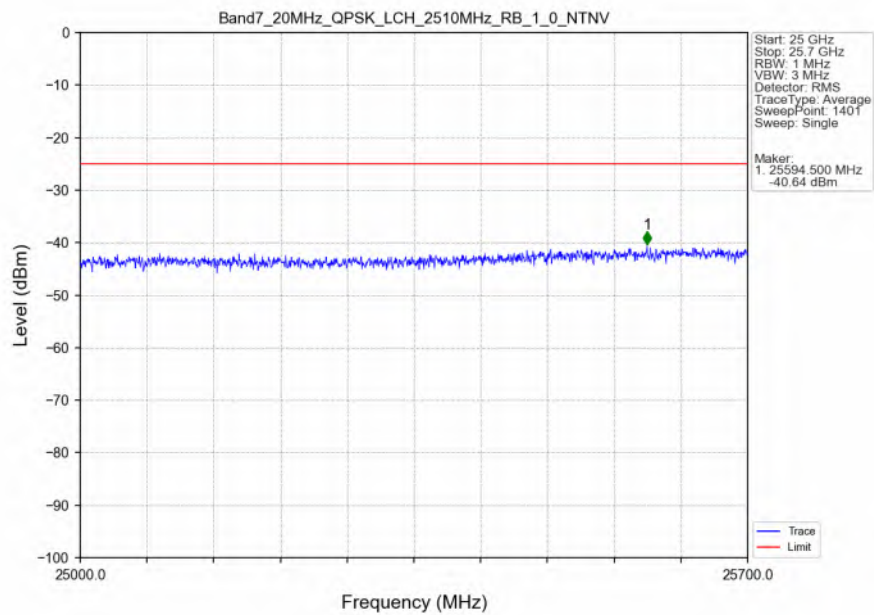
5.2.4 B7\_20MHz



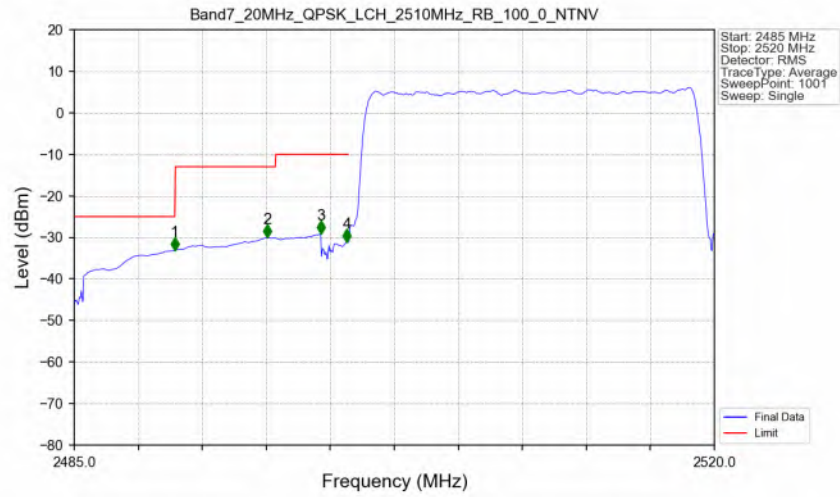
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

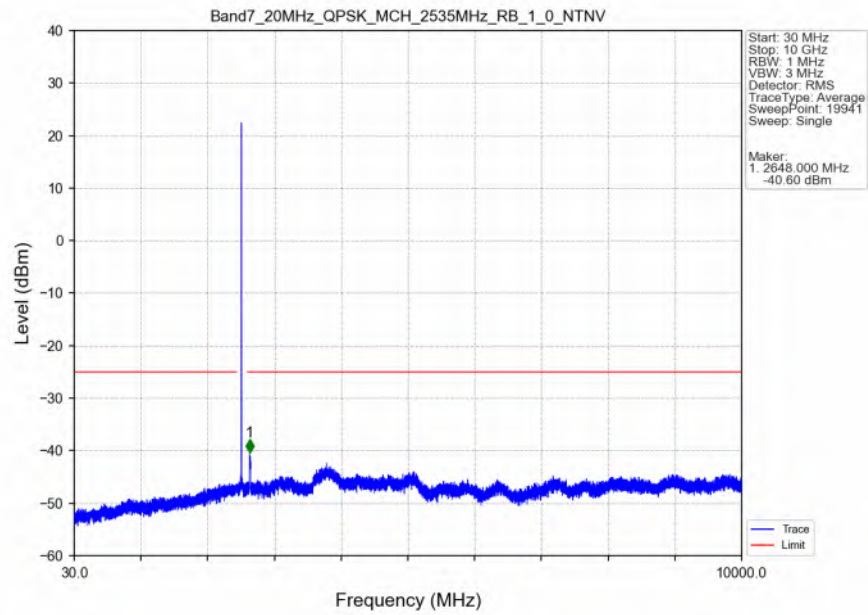


# Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

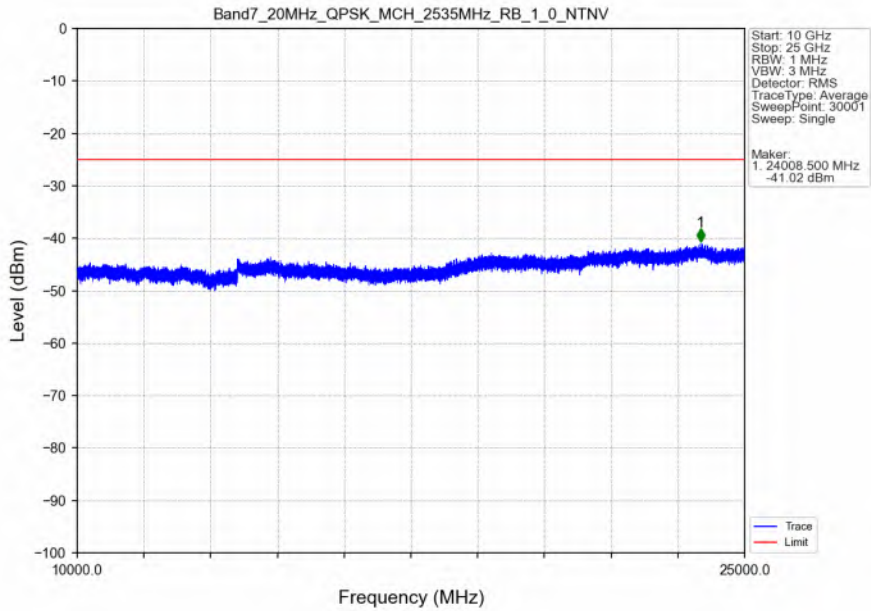


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.495   | -33.13      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.570   | -30.11      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.475   | -29.18      | -10         | Pass   |
| 2499        | 2500       | 0.403     | CHP    | 4          | 2499.910   | -31.09      | -10         | Pass   |
| 2500        | 2520       | 0.403     | CHP    | /          | /          | /           | /           | /      |

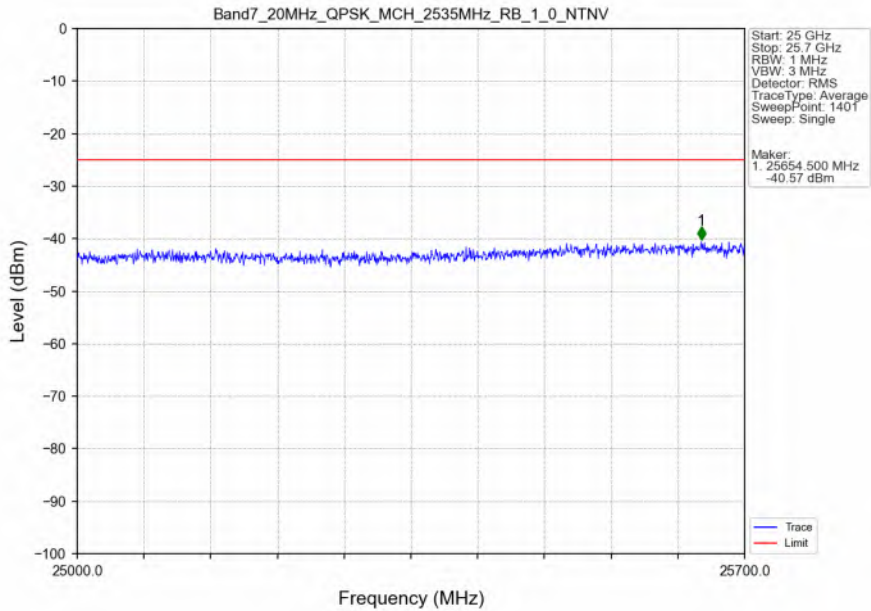
# Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



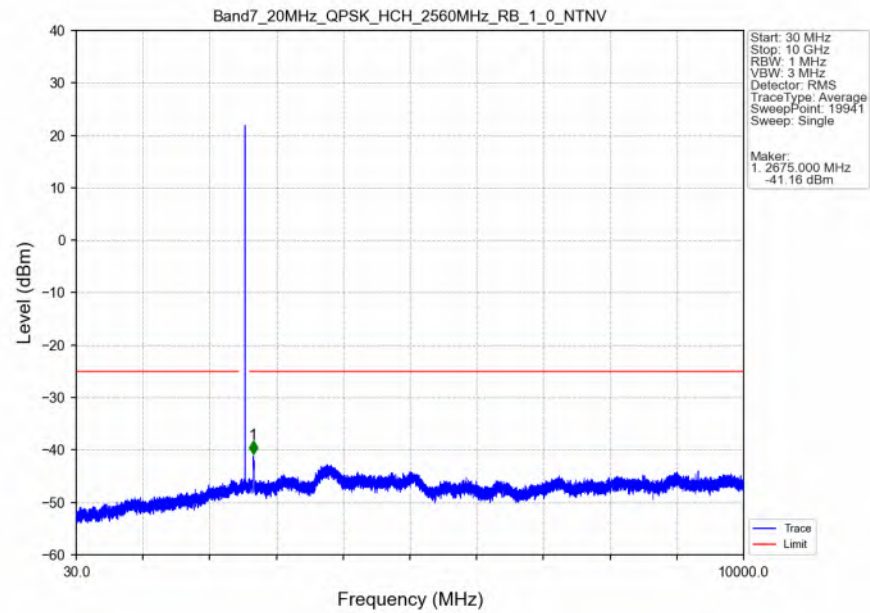
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



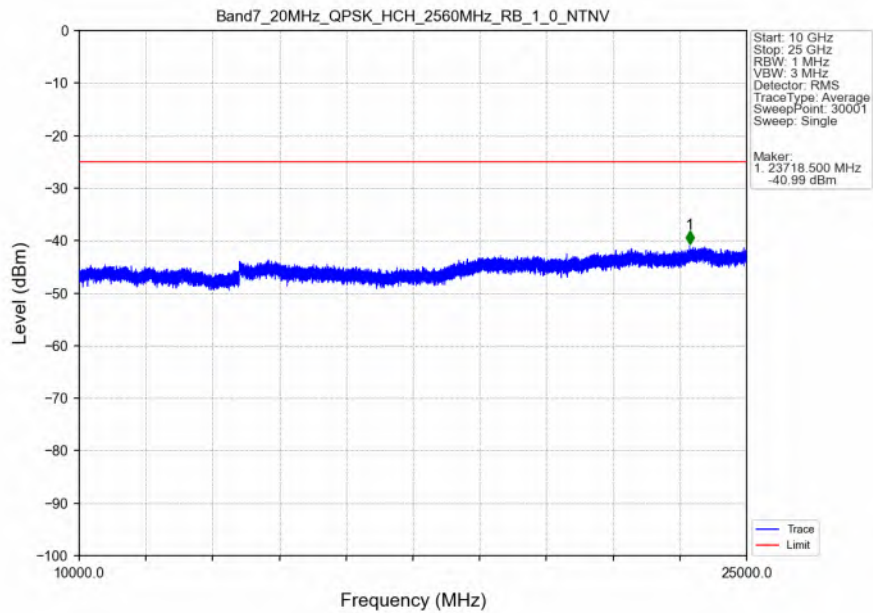
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



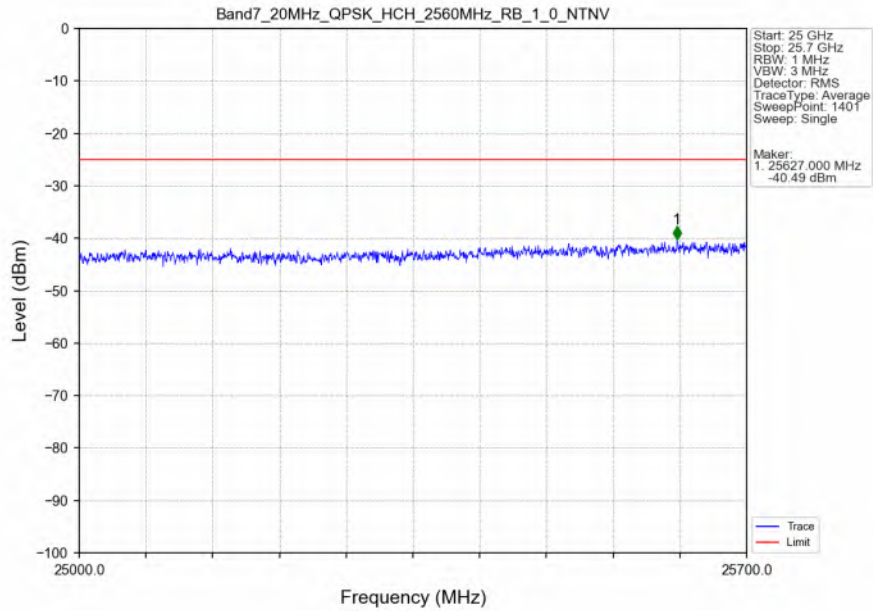
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



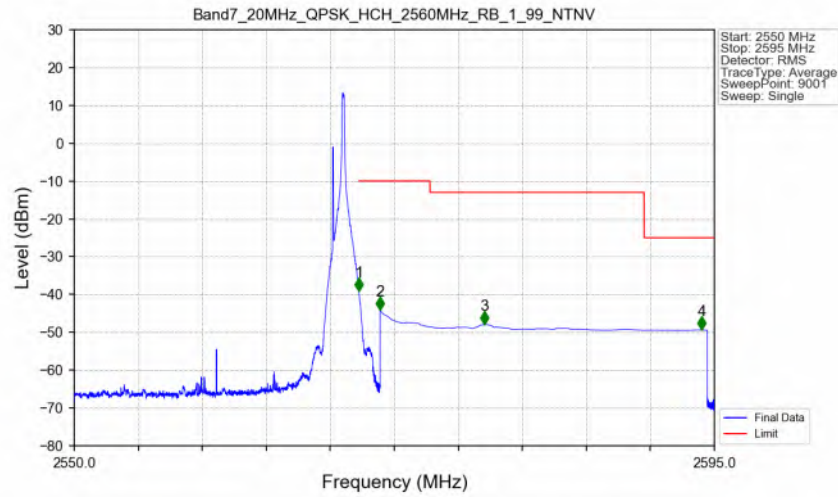
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



# Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

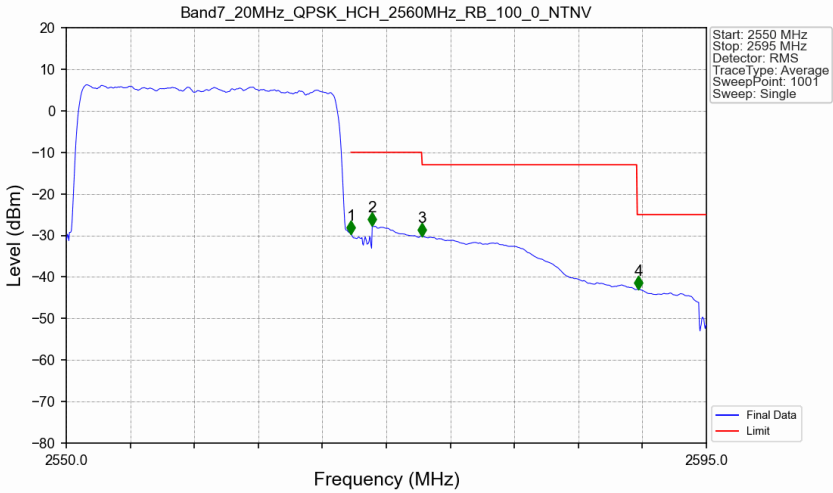


# Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -39.13      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -44.02      | -10         | Pass   |
| 2575        | 2590.06    | 1         | CHP    | 3          | 2578.815   | -47.96      | -13         | Pass   |
| 2590.06     | 2595       | 1         | CHP    | 4          | 2594.110   | -49.35      | -25         | Pass   |

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.405     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.405     | CHP    | 1          | 2570.025   | -29.59      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -27.60      | -10         | Pass   |
| 2575        | 2590.131   | 1         | CHP    | 3          | 2575.020   | -30.17      | -13         | Pass   |
| 2590.131    | 2595       | 1         | CHP    | 4          | 2590.230   | -42.94      | -25         | Pass   |