

# 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      | 22.00                 | -0.30      | 21.70      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.30                 | -0.30      | 22.00      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.54                 | -0.30      | 22.24      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.08                 | -0.30      | 20.78      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.18                 | -0.30      | 20.88      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.34                 | -0.30      | 21.04      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.28                 | -0.30      | 20.98      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 22.65                 | -0.30      | 22.35      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.71                 | -0.30      | 22.41      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.69                 | -0.30      | 22.39      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.75                 | -0.30      | 21.45      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.75                 | -0.30      | 21.45      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.80                 | -0.30      | 21.50      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.80                 | -0.30      | 21.50      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 22.86                 | -0.30      | 22.56      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.60                 | -0.30      | 22.30      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.38                 | -0.30      | 22.08      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.71                 | -0.30      | 21.41      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.59                 | -0.30      | 21.29      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.45                 | -0.30      | 21.15      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.64                 | -0.30      | 21.34      | <=33.01 | Pass    |
| 16QAM                            | 2502.5          | 1             | 0      | 21.09                 | -0.30      | 20.79      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.48                 | -0.30      | 21.18      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.77                 | -0.30      | 21.47      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.15                 | -0.30      | 19.85      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.17                 | -0.30      | 19.87      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.41                 | -0.30      | 20.11      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.25                 | -0.30      | 19.95      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 21.94                 | -0.30      | 21.64      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.89                 | -0.30      | 21.59      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.84                 | -0.30      | 21.54      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.74                 | -0.30      | 20.44      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.76                 | -0.30      | 20.46      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.83                 | -0.30      | 20.53      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.75                 | -0.30      | 20.45      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 22.11                 | -0.30      | 21.81      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.78                 | -0.30      | 21.48      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.17                 | -0.30      | 20.87      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.69                 | -0.30      | 20.39      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.58                 | -0.30      | 20.28      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.47                 | -0.30      | 20.17      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.60                 | -0.30      | 20.30      | <=33.01 | Pass    |
| 64QAM                            | 2502.5          | 1             | 0      | 20.02                 | -0.30      | 19.72      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.34                 | -0.30      | 20.04      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 20.71                 | -0.30      | 20.41      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 19.14                 | -0.30      | 18.84      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 19.26                 | -0.30      | 18.96      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 19.42                 | -0.30      | 19.12      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 19.21                 | -0.30      | 18.91      | <=33.01 | Pass    |

|        |        |    |    |       |       |       |         |      |
|--------|--------|----|----|-------|-------|-------|---------|------|
|        | 2535   | 1  | 0  | 20.91 | -0.30 | 20.61 | <=33.01 | Pass |
|        |        |    | 13 | 20.30 | -0.30 | 20.00 | <=33.01 | Pass |
|        |        |    | 24 | 20.96 | -0.30 | 20.66 | <=33.01 | Pass |
|        |        | 12 | 0  | 19.82 | -0.30 | 19.52 | <=33.01 | Pass |
|        |        |    | 6  | 19.75 | -0.30 | 19.45 | <=33.01 | Pass |
|        |        |    | 13 | 19.82 | -0.30 | 19.52 | <=33.01 | Pass |
|        |        | 25 | 0  | 19.79 | -0.30 | 19.49 | <=33.01 | Pass |
|        |        |    |    |       |       |       |         |      |
|        |        |    |    |       |       |       |         |      |
|        | 2567.5 | 1  | 0  | 20.62 | -0.30 | 20.32 | <=33.01 | Pass |
|        |        |    | 13 | 20.53 | -0.30 | 20.23 | <=33.01 | Pass |
|        |        |    | 24 | 20.37 | -0.30 | 20.07 | <=33.01 | Pass |
|        |        | 12 | 0  | 19.77 | -0.30 | 19.47 | <=33.01 | Pass |
|        |        |    | 6  | 19.61 | -0.30 | 19.31 | <=33.01 | Pass |
|        |        |    | 13 | 19.50 | -0.30 | 19.20 | <=33.01 | Pass |
|        |        | 25 | 0  | 19.59 | -0.30 | 19.29 | <=33.01 | Pass |
|        |        |    |    |       |       |       |         |      |
|        |        |    |    |       |       |       |         |      |
| 256QAM | 2502.5 | 1  | 0  | 17.01 | -0.30 | 16.71 | <=33.01 | Pass |
|        |        |    | 13 | 17.26 | -0.30 | 16.96 | <=33.01 | Pass |
|        |        |    | 24 | 17.70 | -0.30 | 17.40 | <=33.01 | Pass |
|        |        | 12 | 0  | 17.13 | -0.30 | 16.83 | <=33.01 | Pass |
|        |        |    | 6  | 17.23 | -0.30 | 16.93 | <=33.01 | Pass |
|        |        |    | 13 | 17.44 | -0.30 | 17.14 | <=33.01 | Pass |
|        |        | 25 | 0  | 17.26 | -0.30 | 16.96 | <=33.01 | Pass |
|        |        |    |    |       |       |       |         |      |
|        |        |    |    |       |       |       |         |      |
|        | 2535   | 1  | 0  | 17.81 | -0.30 | 17.51 | <=33.01 | Pass |
|        |        |    | 13 | 17.75 | -0.30 | 17.45 | <=33.01 | Pass |
|        |        |    | 24 | 17.92 | -0.30 | 17.62 | <=33.01 | Pass |
|        |        | 12 | 0  | 17.75 | -0.30 | 17.45 | <=33.01 | Pass |
|        |        |    | 6  | 17.72 | -0.30 | 17.42 | <=33.01 | Pass |
|        |        |    | 13 | 17.74 | -0.30 | 17.44 | <=33.01 | Pass |
|        |        | 25 | 0  | 17.81 | -0.30 | 17.51 | <=33.01 | Pass |
|        |        |    |    |       |       |       |         |      |
|        |        |    |    |       |       |       |         |      |
|        | 2567.5 | 1  | 0  | 17.98 | -0.30 | 17.68 | <=33.01 | Pass |
|        |        |    | 13 | 17.09 | -0.30 | 16.79 | <=33.01 | Pass |
|        |        |    | 24 | 17.47 | -0.30 | 17.17 | <=33.01 | Pass |
|        |        | 12 | 0  | 17.67 | -0.30 | 17.37 | <=33.01 | Pass |
|        |        |    | 6  | 17.50 | -0.30 | 17.20 | <=33.01 | Pass |
|        |        |    | 13 | 17.45 | -0.30 | 17.15 | <=33.01 | Pass |
|        |        | 25 | 0  | 17.56 | -0.30 | 17.26 | <=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      | 21.94                 | -0.30      | 21.64      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.49                 | -0.30      | 22.19      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.08                 | -0.30      | 22.78      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.33                 | -0.30      | 21.03      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.64                 | -0.30      | 21.34      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.85                 | -0.30      | 21.55      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.57                 | -0.30      | 21.27      | <=33.01 | Pass    |
|                                   |                 |               |        |                       |            |            |         |         |
|                                   |                 |               |        |                       |            |            |         |         |
|                                   | 2535            | 1             | 0      | 22.81                 | -0.30      | 22.51      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.65                 | -0.30      | 22.35      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.84                 | -0.30      | 22.54      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.75                 | -0.30      | 21.45      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.74                 | -0.30      | 21.44      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.82                 | -0.30      | 21.52      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.79                 | -0.30      | 21.49      | <=33.01 | Pass    |
|                                   |                 |               |        |                       |            |            |         |         |
|                                   |                 |               |        |                       |            |            |         |         |
|                                   | 2565            | 1             | 0      | 23.14                 | -0.30      | 22.84      | <=33.01 | Pass    |

|        |      |    |    |       |       |       |         |      |
|--------|------|----|----|-------|-------|-------|---------|------|
|        |      | 25 | 25 | 22.59 | -0.30 | 22.29 | <=33.01 | Pass |
|        |      |    | 49 | 22.25 | -0.30 | 21.95 | <=33.01 | Pass |
|        |      |    | 0  | 22.07 | -0.30 | 21.77 | <=33.01 | Pass |
|        |      |    | 13 | 21.84 | -0.30 | 21.54 | <=33.01 | Pass |
|        |      |    | 25 | 21.62 | -0.30 | 21.32 | <=33.01 | Pass |
|        |      | 50 | 0  | 21.85 | -0.30 | 21.55 | <=33.01 | Pass |
| 16QAM  | 2505 | 1  | 0  | 21.23 | -0.30 | 20.93 | <=33.01 | Pass |
|        |      |    | 25 | 21.62 | -0.30 | 21.32 | <=33.01 | Pass |
|        |      |    | 49 | 22.16 | -0.30 | 21.86 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.24 | -0.30 | 19.94 | <=33.01 | Pass |
|        |      |    | 13 | 20.65 | -0.30 | 20.35 | <=33.01 | Pass |
|        |      |    | 25 | 20.85 | -0.30 | 20.55 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.55 | -0.30 | 20.25 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 21.96 | -0.30 | 21.66 | <=33.01 | Pass |
|        |      |    | 25 | 21.74 | -0.30 | 21.44 | <=33.01 | Pass |
|        |      |    | 49 | 22.10 | -0.30 | 21.80 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.76 | -0.30 | 20.46 | <=33.01 | Pass |
|        |      |    | 13 | 20.74 | -0.30 | 20.44 | <=33.01 | Pass |
|        |      |    | 25 | 20.84 | -0.30 | 20.54 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.78 | -0.30 | 20.48 | <=33.01 | Pass |
|        | 2565 | 1  | 0  | 22.42 | -0.30 | 22.12 | <=33.01 | Pass |
|        |      |    | 25 | 21.74 | -0.30 | 21.44 | <=33.01 | Pass |
|        |      |    | 49 | 21.54 | -0.30 | 21.24 | <=33.01 | Pass |
|        |      | 25 | 0  | 21.09 | -0.30 | 20.79 | <=33.01 | Pass |
|        |      |    | 13 | 20.82 | -0.30 | 20.52 | <=33.01 | Pass |
|        |      |    | 25 | 20.55 | -0.30 | 20.25 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.83 | -0.30 | 20.53 | <=33.01 | Pass |
| 64QAM  | 2505 | 1  | 0  | 19.48 | -0.30 | 19.18 | <=33.01 | Pass |
|        |      |    | 25 | 20.70 | -0.30 | 20.40 | <=33.01 | Pass |
|        |      |    | 49 | 21.01 | -0.30 | 20.71 | <=33.01 | Pass |
|        |      | 25 | 0  | 19.35 | -0.30 | 19.05 | <=33.01 | Pass |
|        |      |    | 13 | 19.64 | -0.30 | 19.34 | <=33.01 | Pass |
|        |      |    | 25 | 19.85 | -0.30 | 19.55 | <=33.01 | Pass |
|        |      | 50 | 0  | 19.56 | -0.30 | 19.26 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 20.77 | -0.30 | 20.47 | <=33.01 | Pass |
|        |      |    | 25 | 20.70 | -0.30 | 20.40 | <=33.01 | Pass |
|        |      |    | 49 | 21.12 | -0.30 | 20.82 | <=33.01 | Pass |
|        |      | 25 | 0  | 19.75 | -0.30 | 19.45 | <=33.01 | Pass |
|        |      |    | 13 | 19.74 | -0.30 | 19.44 | <=33.01 | Pass |
|        |      |    | 25 | 19.81 | -0.30 | 19.51 | <=33.01 | Pass |
|        |      | 50 | 0  | 19.77 | -0.30 | 19.47 | <=33.01 | Pass |
|        | 2565 | 1  | 0  | 21.33 | -0.30 | 21.03 | <=33.01 | Pass |
|        |      |    | 25 | 20.75 | -0.30 | 20.45 | <=33.01 | Pass |
|        |      |    | 49 | 20.44 | -0.30 | 20.14 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.12 | -0.30 | 19.82 | <=33.01 | Pass |
|        |      |    | 13 | 19.86 | -0.30 | 19.56 | <=33.01 | Pass |
|        |      |    | 25 | 19.60 | -0.30 | 19.30 | <=33.01 | Pass |
|        |      | 50 | 0  | 19.83 | -0.30 | 19.53 | <=33.01 | Pass |
| 256QAM | 2505 | 1  | 0  | 17.12 | -0.30 | 16.82 | <=33.01 | Pass |
|        |      |    | 25 | 17.60 | -0.30 | 17.30 | <=33.01 | Pass |
|        |      |    | 49 | 18.20 | -0.30 | 17.90 | <=33.01 | Pass |
|        |      | 25 | 0  | 17.30 | -0.30 | 17.00 | <=33.01 | Pass |
|        |      |    | 13 | 17.66 | -0.30 | 17.36 | <=33.01 | Pass |
|        |      |    | 25 | 17.83 | -0.30 | 17.53 | <=33.01 | Pass |
|        |      | 50 | 0  | 17.53 | -0.30 | 17.23 | <=33.01 | Pass |
|        | 2535 | 1  | 0  | 17.88 | -0.30 | 17.58 | <=33.01 | Pass |
|        |      |    | 25 | 17.77 | -0.30 | 17.47 | <=33.01 | Pass |
|        |      |    | 49 | 18.03 | -0.30 | 17.73 | <=33.01 | Pass |
|        |      | 25 | 0  | 17.77 | -0.30 | 17.47 | <=33.01 | Pass |

|                                          |      |    |    |       |       |       |         |      |
|------------------------------------------|------|----|----|-------|-------|-------|---------|------|
|                                          |      |    | 13 | 17.76 | -0.30 | 17.46 | <=33.01 | Pass |
|                                          |      |    | 25 | 17.80 | -0.30 | 17.50 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 17.75 | -0.30 | 17.45 | <=33.01 | Pass |
|                                          | 2565 | 1  | 0  | 18.46 | -0.30 | 18.16 | <=33.01 | Pass |
|                                          |      |    | 25 | 17.84 | -0.30 | 17.54 | <=33.01 | Pass |
|                                          |      |    | 49 | 17.38 | -0.30 | 17.08 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 17.97 | -0.30 | 17.67 | <=33.01 | Pass |
|                                          |      |    | 13 | 17.82 | -0.30 | 17.52 | <=33.01 | Pass |
|                                          |      |    | 25 | 17.61 | -0.30 | 17.31 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 17.82 | -0.30 | 17.52 | <=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      | 22.02                 | -0.30      | 21.72      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.88                 | -0.30      | 22.58      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 23.34                 | -0.30      | 23.04      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.40                 | -0.30      | 21.10      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.87                 | -0.30      | 21.57      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 22.26                 | -0.30      | 21.96      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.75                 | -0.30      | 21.45      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 22.74                 | -0.30      | 22.44      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.63                 | -0.30      | 22.33      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.96                 | -0.30      | 22.66      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.76                 | -0.30      | 21.46      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.74                 | -0.30      | 21.44      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.88                 | -0.30      | 21.58      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.81                 | -0.30      | 21.51      | <=33.01 | Pass    |
|                                   | 2562.5          | 1             | 0      | 23.48                 | -0.30      | 23.18      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.94                 | -0.30      | 22.64      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.34                 | -0.30      | 22.04      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 22.41                 | -0.30      | 22.11      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 22.15                 | -0.30      | 21.85      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.70                 | -0.30      | 21.40      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 22.08                 | -0.30      | 21.78      | <=33.01 | Pass    |
| 16QAM                             | 2507.5          | 1             | 0      | 21.14                 | -0.30      | 20.84      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.20                 | -0.30      | 21.90      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.47                 | -0.30      | 22.17      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.51                 | -0.30      | 20.21      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.86                 | -0.30      | 20.56      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.25                 | -0.30      | 20.95      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.92                 | -0.30      | 20.62      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 22.02                 | -0.30      | 21.72      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.91                 | -0.30      | 21.61      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.13                 | -0.30      | 21.83      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.78                 | -0.30      | 20.48      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.73                 | -0.30      | 20.43      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.86                 | -0.30      | 20.56      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.87                 | -0.30      | 20.57      | <=33.01 | Pass    |
|                                   | 2562.5          | 1             | 0      | 22.62                 | -0.30      | 22.32      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.17                 | -0.30      | 21.87      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.47                 | -0.30      | 21.17      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.21                 | -0.30      | 20.91      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.19                 | -0.30      | 20.89      | <=33.01 | Pass    |

|                                          |        |        |        |       |       |       |         |         |         |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|---------|---------|---------|------|
|                                          |        |        | 39     | 20.75 | -0.30 | 20.45 | <=33.01 | Pass    |         |      |
|                                          |        | 75     | 0      | 21.10 | -0.30 | 20.80 | <=33.01 | Pass    |         |      |
| 64QAM                                    | 2507.5 | 1      | 0      | 19.89 | -0.30 | 19.59 | <=33.01 | Pass    |         |      |
|                                          |        |        | 38     | 21.15 | -0.30 | 20.85 | <=33.01 | Pass    |         |      |
|                                          |        |        | 74     | 21.56 | -0.30 | 21.26 | <=33.01 | Pass    |         |      |
|                                          |        |        | 0      | 19.51 | -0.30 | 19.21 | <=33.01 | Pass    |         |      |
|                                          |        | 36     | 18     | 19.87 | -0.30 | 19.57 | <=33.01 | Pass    |         |      |
|                                          |        |        | 39     | 20.18 | -0.30 | 19.88 | <=33.01 | Pass    |         |      |
|                                          |        |        | 75     | 0     | 19.87 | -0.30 | 19.57   | <=33.01 | Pass    |      |
|                                          |        | 2535   | 1      | 0     | 21.00 | -0.30 | 20.70   | <=33.01 | Pass    |      |
|                                          |        |        |        | 38    | 20.79 | -0.30 | 20.49   | <=33.01 | Pass    |      |
|                                          | 74     |        |        | 21.01 | -0.30 | 20.71 | <=33.01 | Pass    |         |      |
|                                          | 0      |        |        | 19.81 | -0.30 | 19.51 | <=33.01 | Pass    |         |      |
|                                          | 36     |        | 18     | 19.75 | -0.30 | 19.45 | <=33.01 | Pass    |         |      |
|                                          |        |        | 39     | 19.90 | -0.30 | 19.60 | <=33.01 | Pass    |         |      |
|                                          |        |        | 75     | 0     | 19.86 | -0.30 | 19.56   | <=33.01 | Pass    |      |
|                                          | 2562.5 |        | 1      | 0     | 21.90 | -0.30 | 21.60   | <=33.01 | Pass    |      |
|                                          |        |        |        | 38    | 21.15 | -0.30 | 20.85   | <=33.01 | Pass    |      |
|                                          |        | 74     |        | 20.34 | -0.30 | 20.04 | <=33.01 | Pass    |         |      |
|                                          |        | 0      |        | 20.43 | -0.30 | 20.13 | <=33.01 | Pass    |         |      |
|                                          |        | 36     | 18     | 20.18 | -0.30 | 19.88 | <=33.01 | Pass    |         |      |
|                                          |        |        | 39     | 19.76 | -0.30 | 19.46 | <=33.01 | Pass    |         |      |
|                                          |        |        | 75     | 0     | 20.08 | -0.30 | 19.78   | <=33.01 | Pass    |      |
|                                          |        | 256QAM | 2507.5 | 1     | 0     | 17.12 | -0.30   | 16.82   | <=33.01 | Pass |
|                                          |        |        |        |       | 38    | 18.11 | -0.30   | 17.81   | <=33.01 | Pass |
| 74                                       | 18.48  |        |        |       | -0.30 | 18.18 | <=33.01 | Pass    |         |      |
| 36                                       | 0      |        |        | 17.49 | -0.30 | 17.19 | <=33.01 | Pass    |         |      |
|                                          | 18     |        |        | 17.92 | -0.30 | 17.62 | <=33.01 | Pass    |         |      |
|                                          | 39     |        |        | 18.25 | -0.30 | 17.95 | <=33.01 | Pass    |         |      |
| 75                                       | 0      |        |        | 17.90 | -0.30 | 17.60 | <=33.01 | Pass    |         |      |
| 2535                                     | 1      |        | 0      | 18.01 | -0.30 | 17.71 | <=33.01 | Pass    |         |      |
|                                          |        |        | 38     | 17.75 | -0.30 | 17.45 | <=33.01 | Pass    |         |      |
|                                          |        |        | 74     | 18.09 | -0.30 | 17.79 | <=33.01 | Pass    |         |      |
|                                          |        |        | 0      | 17.76 | -0.30 | 17.46 | <=33.01 | Pass    |         |      |
|                                          | 36     |        | 18     | 17.73 | -0.30 | 17.43 | <=33.01 | Pass    |         |      |
|                                          |        |        | 39     | 17.88 | -0.30 | 17.58 | <=33.01 | Pass    |         |      |
|                                          |        |        | 75     | 0     | 17.88 | -0.30 | 17.58   | <=33.01 | Pass    |      |
| 2562.5                                   | 1      |        | 0      | 18.79 | -0.30 | 18.49 | <=33.01 | Pass    |         |      |
|                                          |        |        | 38     | 18.25 | -0.30 | 17.95 | <=33.01 | Pass    |         |      |
|                                          |        |        | 74     | 17.51 | -0.30 | 17.21 | <=33.01 | Pass    |         |      |
|                                          |        |        | 0      | 18.31 | -0.30 | 18.01 | <=33.01 | Pass    |         |      |
|                                          | 36     |        | 18     | 18.17 | -0.30 | 17.87 | <=33.01 | Pass    |         |      |
|                                          |        |        | 39     | 17.74 | -0.30 | 17.44 | <=33.01 | Pass    |         |      |
|                                          |        |        | 75     | 0     | 18.14 | -0.30 | 17.84   | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |         |         |         |      |

#### 1.1.4 B7\_20MHz\_EIRP

| Band: 7 / Bandwidth: 20MHz / NTV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 2510            | 1             | 0      | 22.01                 | -0.30      | 21.71      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 23.11                 | -0.30      | 22.81      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 23.37                 | -0.30      | 23.07      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.82                 | -0.30      | 21.52      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 22.17                 | -0.30      | 21.87      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.48                 | -0.30      | 22.18      | <=33.01 | Pass    |

|        |      |      |    |       |       |       |         |         |
|--------|------|------|----|-------|-------|-------|---------|---------|
|        |      | 100  | 0  | 22.12 | -0.30 | 21.82 | <=33.01 | Pass    |
|        |      | 2535 | 1  | 0     | 23.04 | -0.30 | 22.74   | <=33.01 |
|        |      |      |    | 50    | 22.82 | -0.30 | 22.52   | <=33.01 |
|        |      |      |    | 99    | 23.05 | -0.30 | 22.75   | <=33.01 |
|        |      |      | 50 | 0     | 21.83 | -0.30 | 21.53   | <=33.01 |
|        |      |      |    | 25    | 21.74 | -0.30 | 21.44   | <=33.01 |
|        |      |      |    | 50    | 21.86 | -0.30 | 21.56   | <=33.01 |
|        |      | 100  | 0  | 21.86 | -0.30 | 21.56 | <=33.01 | Pass    |
|        |      | 2560 | 1  | 0     | 23.70 | -0.30 | 23.40   | <=33.01 |
|        |      |      |    | 50    | 23.33 | -0.30 | 23.03   | <=33.01 |
|        |      |      |    | 99    | 22.23 | -0.30 | 21.93   | <=33.01 |
|        |      |      | 50 | 0     | 22.72 | -0.30 | 22.42   | <=33.01 |
|        |      |      |    | 25    | 22.05 | -0.30 | 21.75   | <=33.01 |
|        |      |      |    | 50    | 21.97 | -0.30 | 21.67   | <=33.01 |
|        |      | 100  | 0  | 22.36 | -0.30 | 22.06 | <=33.01 | Pass    |
| 16QAM  | 2510 | 1    | 0  | 21.34 | -0.30 | 21.04 | <=33.01 | Pass    |
|        |      |      | 50 | 22.03 | -0.30 | 21.73 | <=33.01 | Pass    |
|        |      |      | 99 | 22.78 | -0.30 | 22.48 | <=33.01 | Pass    |
|        |      | 50   | 0  | 20.81 | -0.30 | 20.51 | <=33.01 | Pass    |
|        |      |      | 25 | 21.22 | -0.30 | 20.92 | <=33.01 | Pass    |
|        |      |      | 50 | 21.54 | -0.30 | 21.24 | <=33.01 | Pass    |
|        |      | 100  | 0  | 21.13 | -0.30 | 20.83 | <=33.01 | Pass    |
|        | 2535 | 1    | 0  | 22.32 | -0.30 | 22.02 | <=33.01 | Pass    |
|        |      |      | 50 | 21.82 | -0.30 | 21.52 | <=33.01 | Pass    |
|        |      |      | 99 | 22.29 | -0.30 | 21.99 | <=33.01 | Pass    |
|        |      | 50   | 0  | 20.81 | -0.30 | 20.51 | <=33.01 | Pass    |
|        |      |      | 25 | 20.75 | -0.30 | 20.45 | <=33.01 | Pass    |
|        |      |      | 50 | 20.89 | -0.30 | 20.59 | <=33.01 | Pass    |
|        |      | 100  | 0  | 20.85 | -0.30 | 20.55 | <=33.01 | Pass    |
|        | 2560 | 1    | 0  | 22.76 | -0.30 | 22.46 | <=33.01 | Pass    |
|        |      |      | 50 | 22.51 | -0.30 | 22.21 | <=33.01 | Pass    |
|        |      |      | 99 | 21.21 | -0.30 | 20.91 | <=33.01 | Pass    |
|        |      | 50   | 0  | 21.74 | -0.30 | 21.44 | <=33.01 | Pass    |
|        |      |      | 25 | 21.08 | -0.30 | 20.78 | <=33.01 | Pass    |
|        |      |      | 50 | 20.98 | -0.30 | 20.68 | <=33.01 | Pass    |
|        |      | 100  | 0  | 21.32 | -0.30 | 21.02 | <=33.01 | Pass    |
| 64QAM  | 2510 | 1    | 0  | 20.16 | -0.30 | 19.86 | <=33.01 | Pass    |
|        |      |      | 50 | 21.39 | -0.30 | 21.09 | <=33.01 | Pass    |
|        |      |      | 99 | 21.63 | -0.30 | 21.33 | <=33.01 | Pass    |
|        |      | 50   | 0  | 19.76 | -0.30 | 19.46 | <=33.01 | Pass    |
|        |      |      | 25 | 20.20 | -0.30 | 19.90 | <=33.01 | Pass    |
|        |      |      | 50 | 20.56 | -0.30 | 20.26 | <=33.01 | Pass    |
|        |      | 100  | 0  | 20.11 | -0.30 | 19.81 | <=33.01 | Pass    |
|        | 2535 | 1    | 0  | 21.19 | -0.30 | 20.89 | <=33.01 | Pass    |
|        |      |      | 50 | 20.91 | -0.30 | 20.61 | <=33.01 | Pass    |
|        |      |      | 99 | 21.08 | -0.30 | 20.78 | <=33.01 | Pass    |
|        |      | 50   | 0  | 19.83 | -0.30 | 19.53 | <=33.01 | Pass    |
|        |      |      | 25 | 19.78 | -0.30 | 19.48 | <=33.01 | Pass    |
|        |      |      | 50 | 19.89 | -0.30 | 19.59 | <=33.01 | Pass    |
|        |      | 100  | 0  | 19.86 | -0.30 | 19.56 | <=33.01 | Pass    |
|        | 2560 | 1    | 0  | 21.81 | -0.30 | 21.51 | <=33.01 | Pass    |
|        |      |      | 50 | 21.40 | -0.30 | 21.10 | <=33.01 | Pass    |
|        |      |      | 99 | 20.34 | -0.30 | 20.04 | <=33.01 | Pass    |
|        |      | 50   | 0  | 20.73 | -0.30 | 20.43 | <=33.01 | Pass    |
|        |      |      | 25 | 20.33 | -0.30 | 20.03 | <=33.01 | Pass    |
|        |      |      | 50 | 19.99 | -0.30 | 19.69 | <=33.01 | Pass    |
|        |      | 100  | 0  | 20.24 | -0.30 | 19.94 | <=33.01 | Pass    |
| 256QAM | 2510 | 1    | 0  | 17.18 | -0.30 | 16.88 | <=33.01 | Pass    |
|        |      |      | 50 | 18.34 | -0.30 | 18.04 | <=33.01 | Pass    |

|                                          |      |     |    |       |       |       |         |      |
|------------------------------------------|------|-----|----|-------|-------|-------|---------|------|
|                                          |      |     | 99 | 18.68 | -0.30 | 18.38 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 17.78 | -0.30 | 17.48 | <=33.01 | Pass |
|                                          |      |     | 25 | 18.20 | -0.30 | 17.90 | <=33.01 | Pass |
|                                          |      |     | 50 | 18.49 | -0.30 | 18.19 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 18.13 | -0.30 | 17.83 | <=33.01 | Pass |
|                                          | 2535 | 1   | 0  | 18.19 | -0.30 | 17.89 | <=33.01 | Pass |
|                                          |      |     | 50 | 17.84 | -0.30 | 17.54 | <=33.01 | Pass |
|                                          |      |     | 99 | 18.33 | -0.30 | 18.03 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 17.86 | -0.30 | 17.56 | <=33.01 | Pass |
|                                          |      |     | 25 | 17.78 | -0.30 | 17.48 | <=33.01 | Pass |
|                                          |      |     | 50 | 17.96 | -0.30 | 17.66 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 17.87 | -0.30 | 17.57 | <=33.01 | Pass |
|                                          | 2560 | 1   | 0  | 18.81 | -0.30 | 18.51 | <=33.01 | Pass |
|                                          |      |     | 50 | 18.05 | -0.30 | 17.75 | <=33.01 | Pass |
|                                          |      |     | 99 | 17.50 | -0.30 | 17.20 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 18.75 | -0.30 | 18.45 | <=33.01 | Pass |
|                                          |      |     | 25 | 18.32 | -0.30 | 18.02 | <=33.01 | Pass |
|                                          |      |     | 50 | 17.92 | -0.30 | 17.62 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 18.34 | -0.30 | 18.04 | <=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 (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2535            | 50            | 0      | 20         | 3.27          | -0.700           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -4.600           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -3.100           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.500           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -10.900          | -0.0043               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 4.100            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 3.900            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -8.800           | -0.0035               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -11.500          | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -6.900           | -0.0027               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 2.600            | 0.0010                | -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      | 4.537                        | /     | Pass    |
|                 | 16QAM      | 2535            | 25            | 0      | 4.529                        | /     | Pass    |
| 10              | QPSK       | 2535            | 50            | 0      | 9.118                        | /     | Pass    |

|    |       |      |     |   |        |   |      |
|----|-------|------|-----|---|--------|---|------|
|    | 16QAM | 2535 | 50  | 0 | 9.036  | / | Pass |
| 15 | QPSK  | 2535 | 75  | 0 | 13.560 | / | Pass |
|    | 16QAM | 2535 | 75  | 0 | 13.564 | / | Pass |
| 20 | QPSK  | 2535 | 100 | 0 | 18.048 | / | Pass |
|    | 16QAM | 2535 | 100 | 0 | 18.083 | / | Pass |

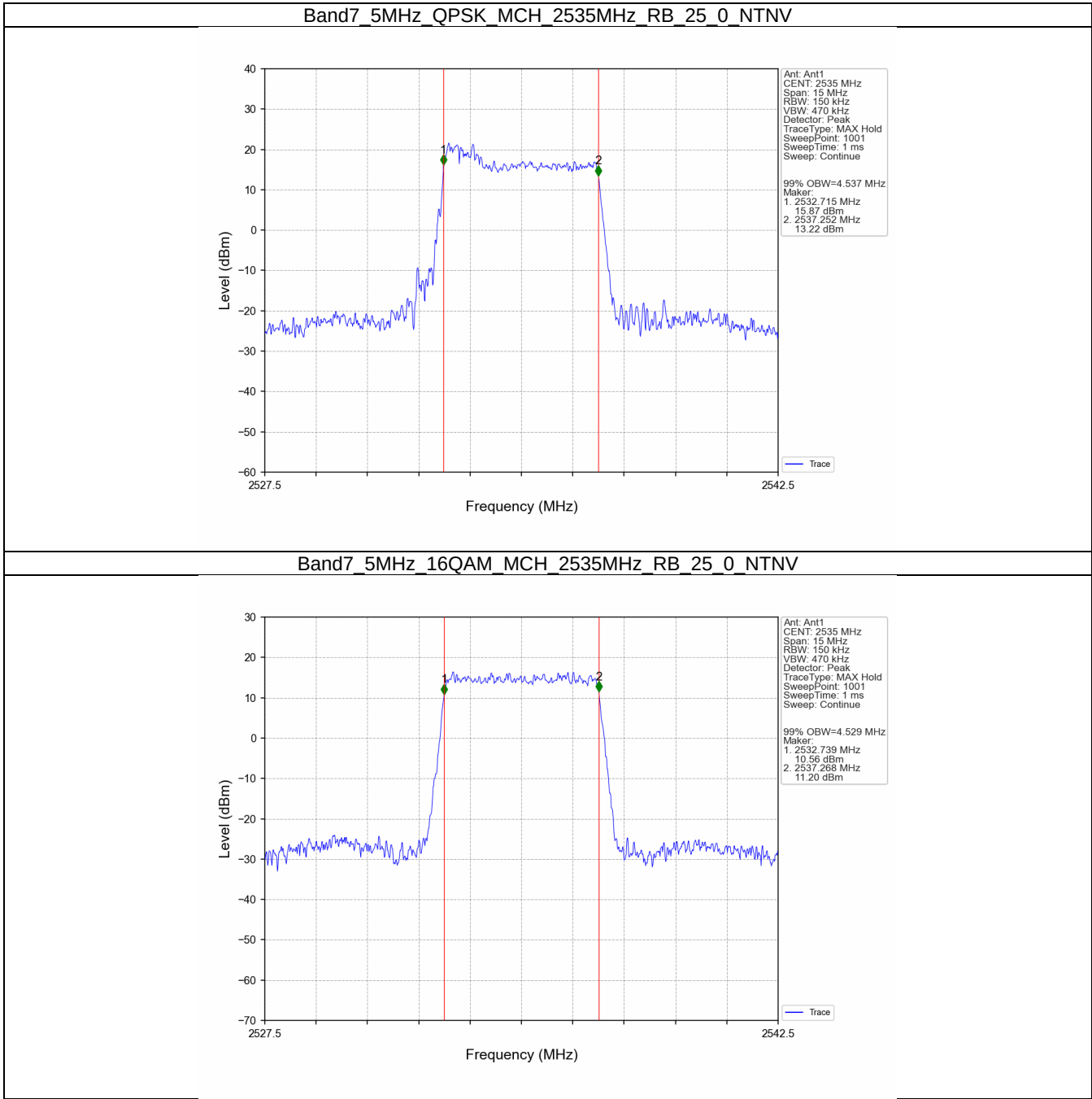
### 3.1.2 Band7\_XDB

| Band: 7 / NTNv  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2535            | 25            | 0      | 5.015                | /     | Pass    |
|                 | 16QAM      | 2535            | 25            | 0      | 5.056                | /     | Pass    |
| 10              | QPSK       | 2535            | 50            | 0      | 9.951                | /     | Pass    |
|                 | 16QAM      | 2535            | 50            | 0      | 9.909                | /     | Pass    |
| 15              | QPSK       | 2535            | 75            | 0      | 14.798               | /     | Pass    |
|                 | 16QAM      | 2535            | 75            | 0      | 14.945               | /     | Pass    |
| 20              | QPSK       | 2535            | 100           | 0      | 19.910               | /     | Pass    |
|                 | 16QAM      | 2535            | 100           | 0      | 19.897               | /     | Pass    |

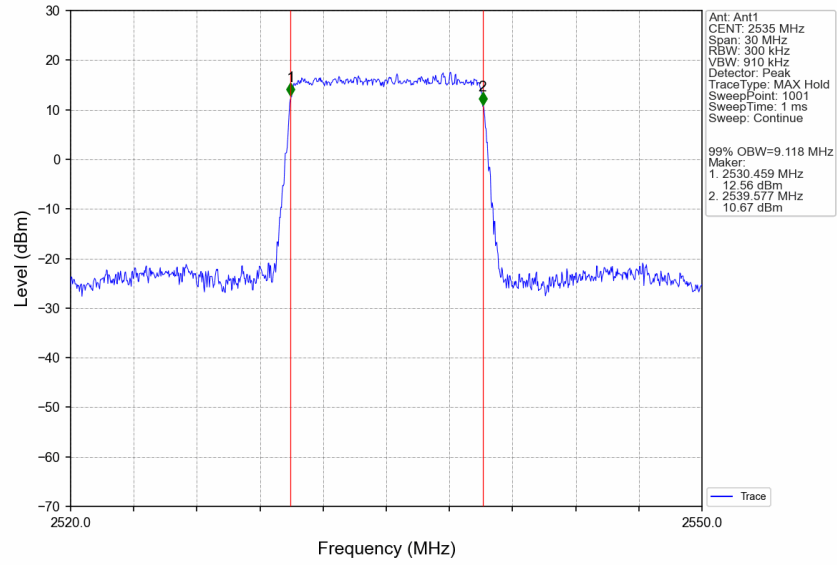


3.2 Test Graph

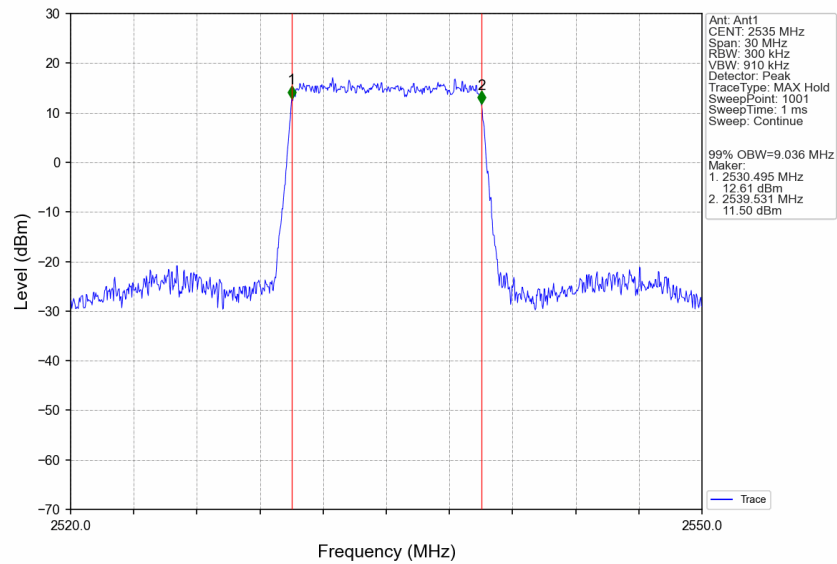
3.2.1 Band7\_OBW



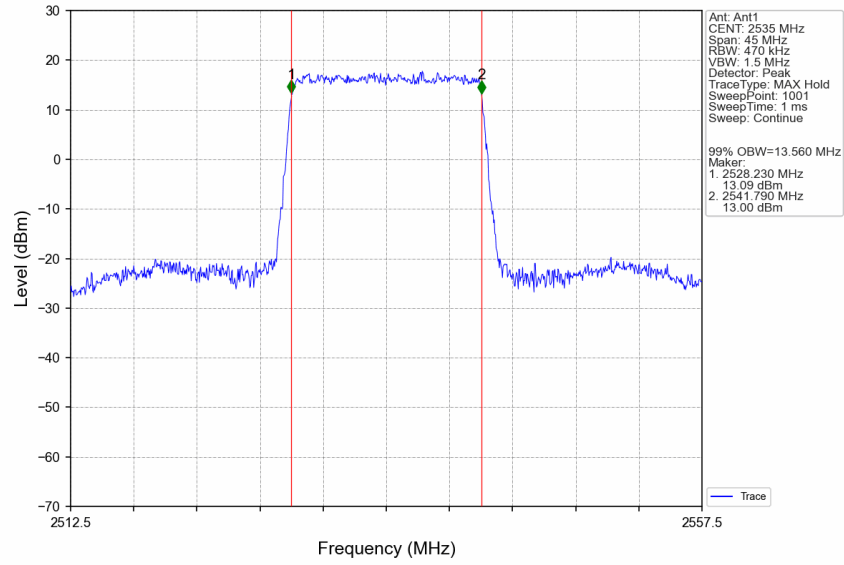
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



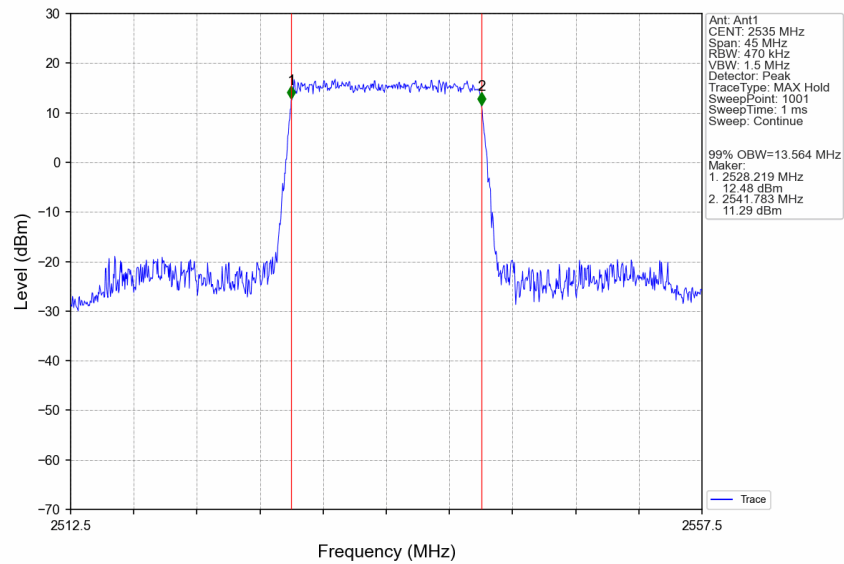
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



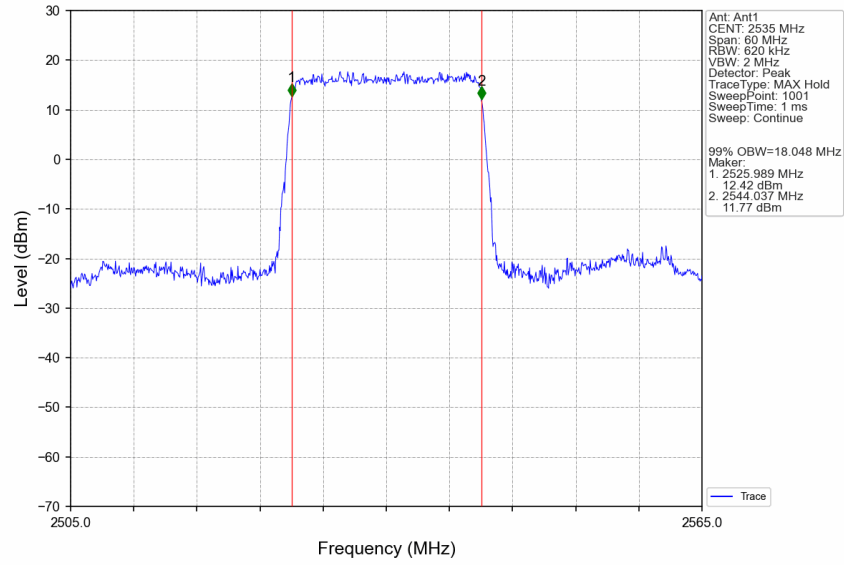
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV



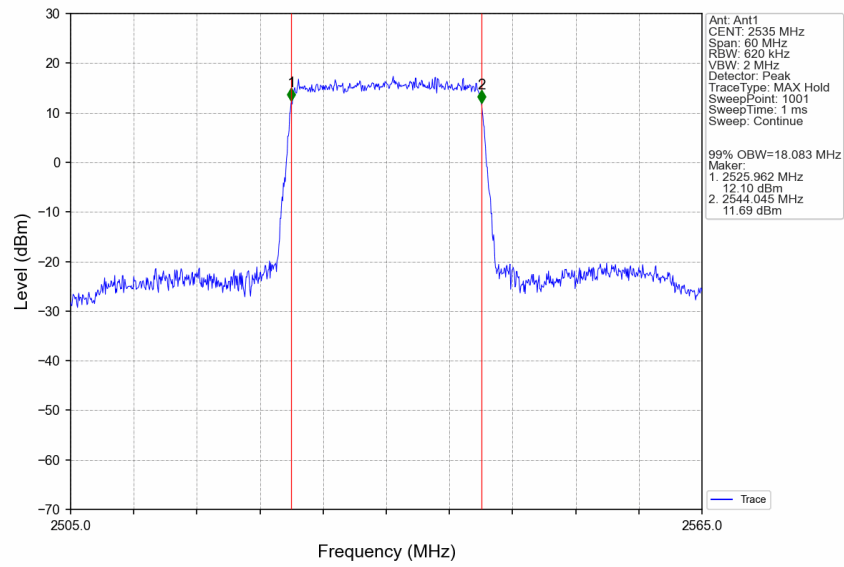
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



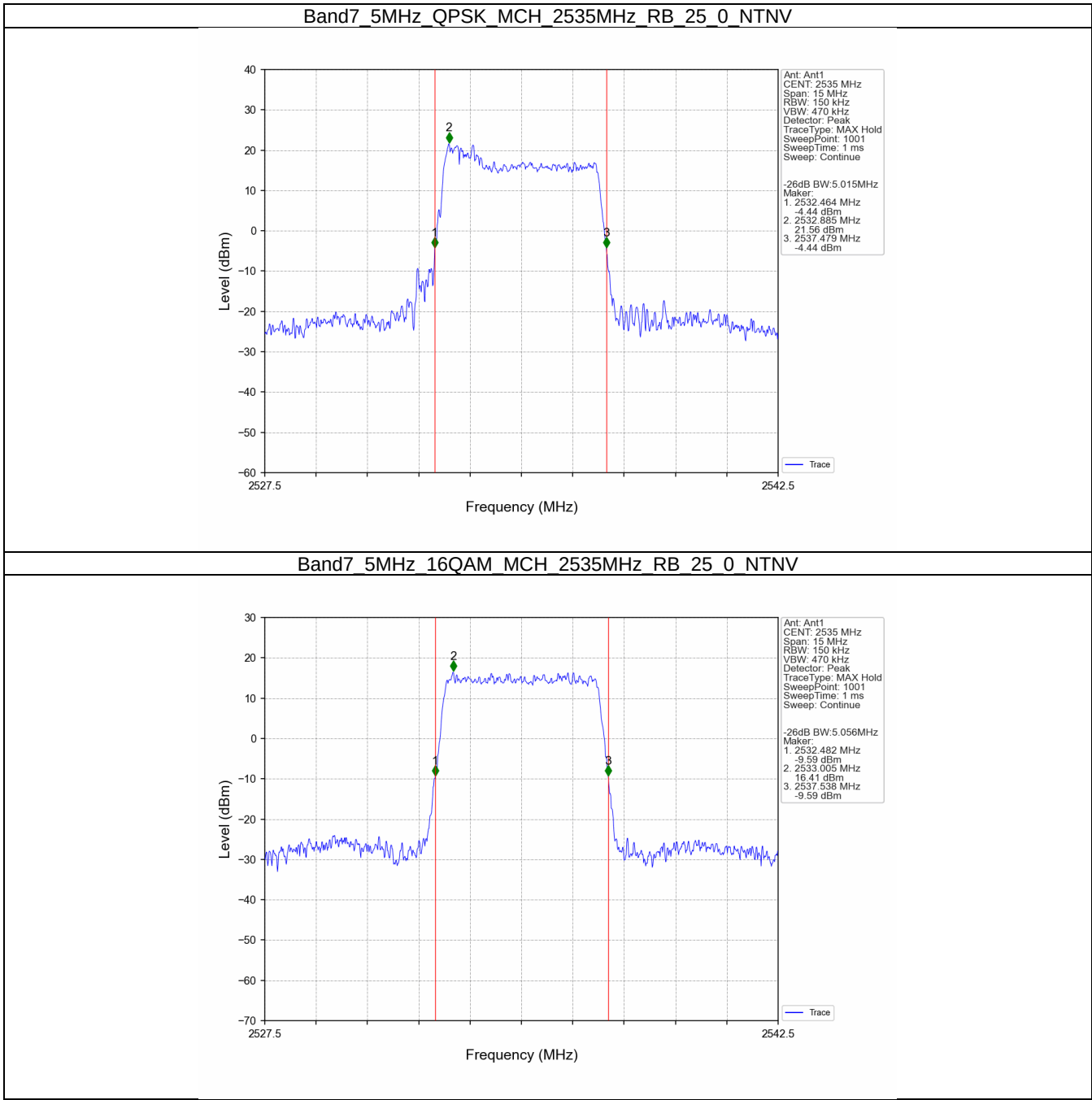
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



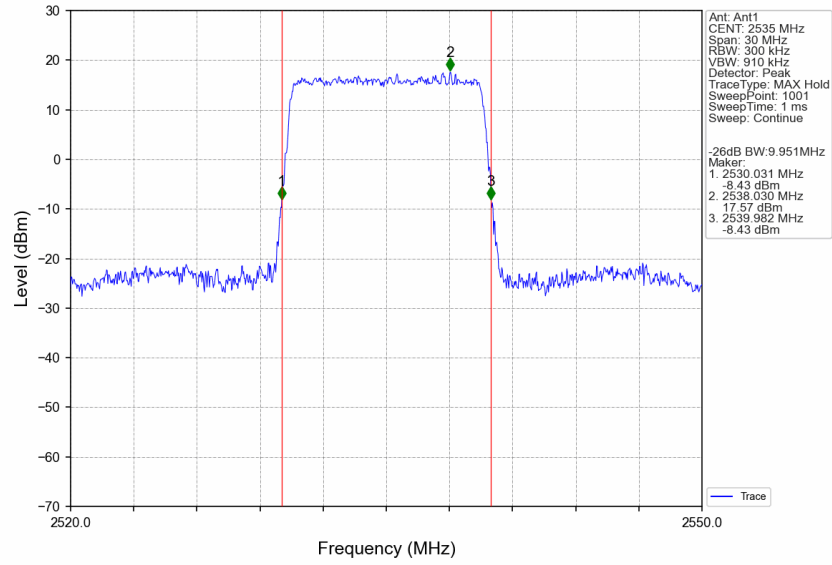
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



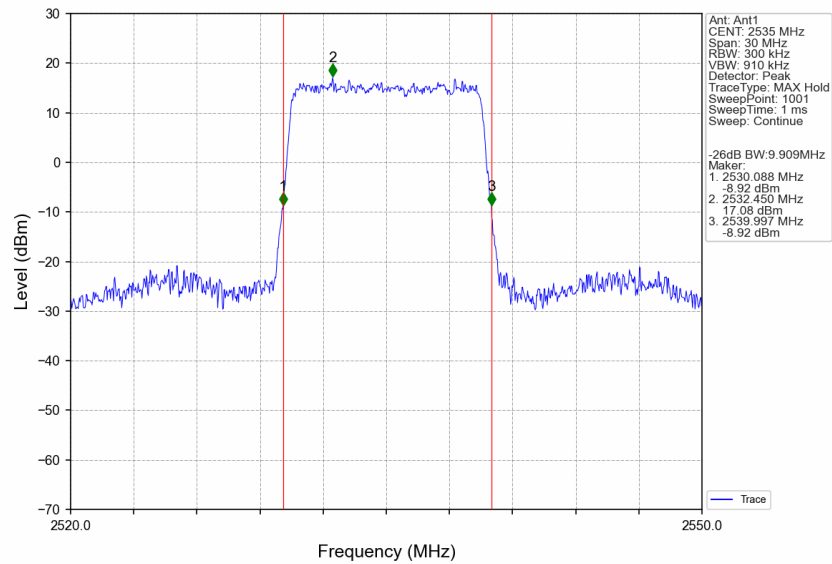
3.2.2 Band7\_XDB



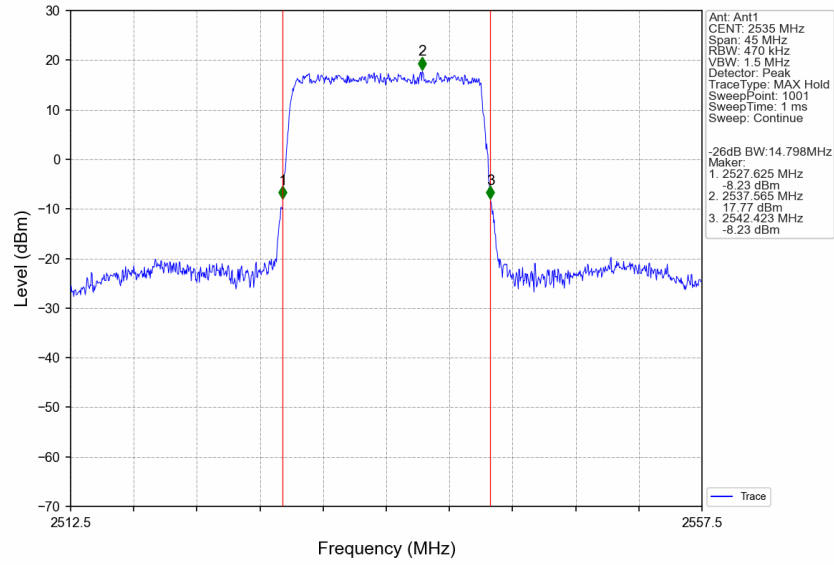
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



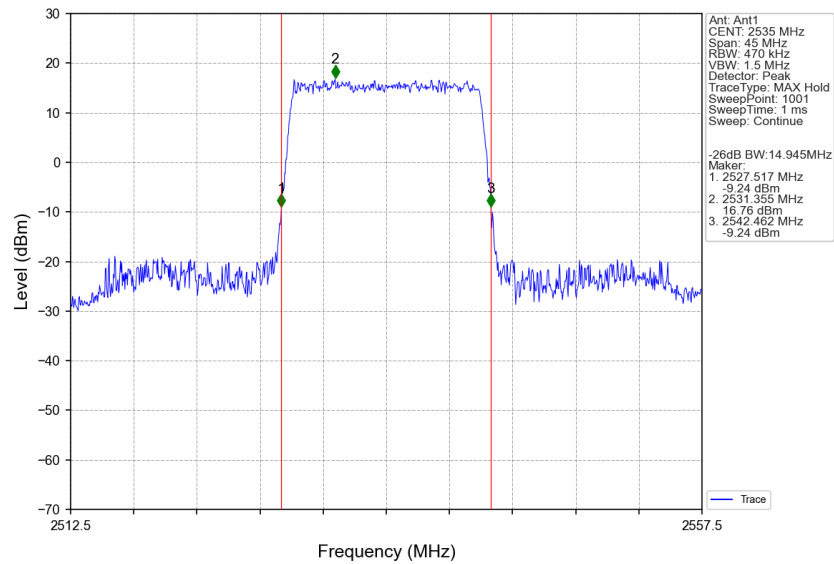
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



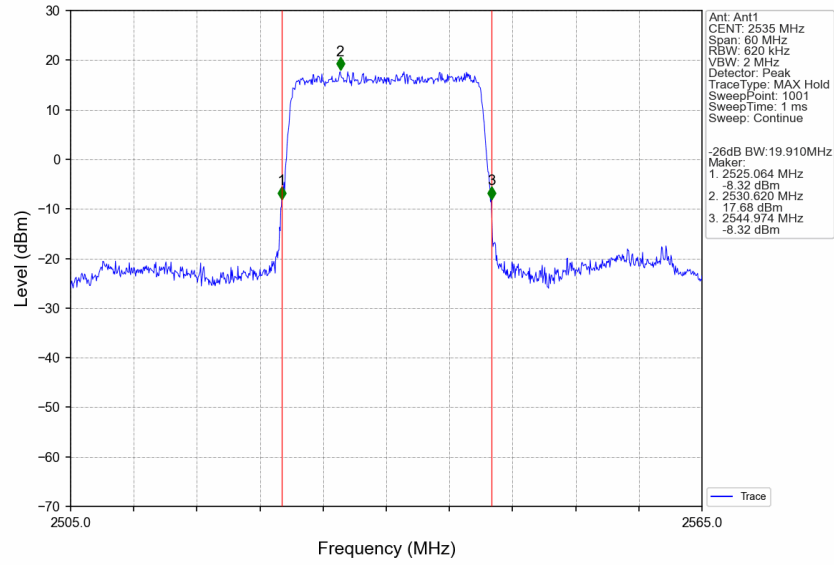
# Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV



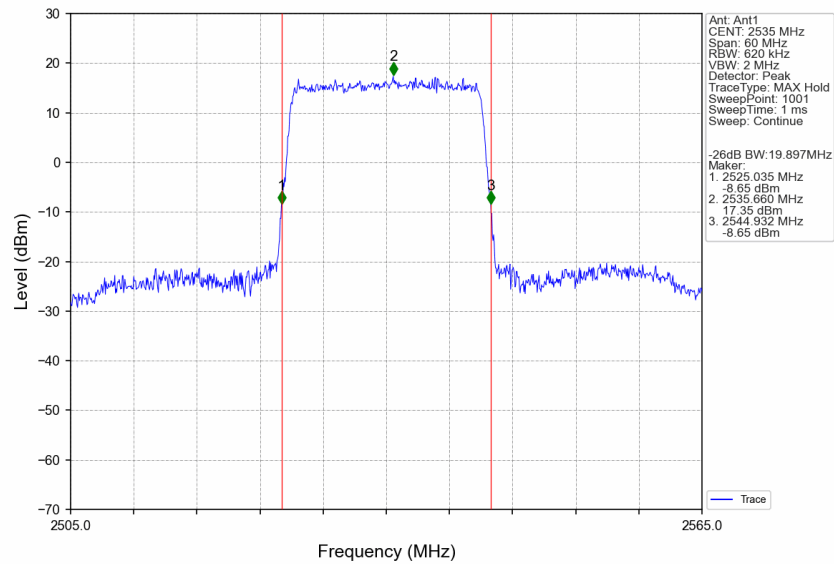
# Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV





## 4. Peak-Average Ratio

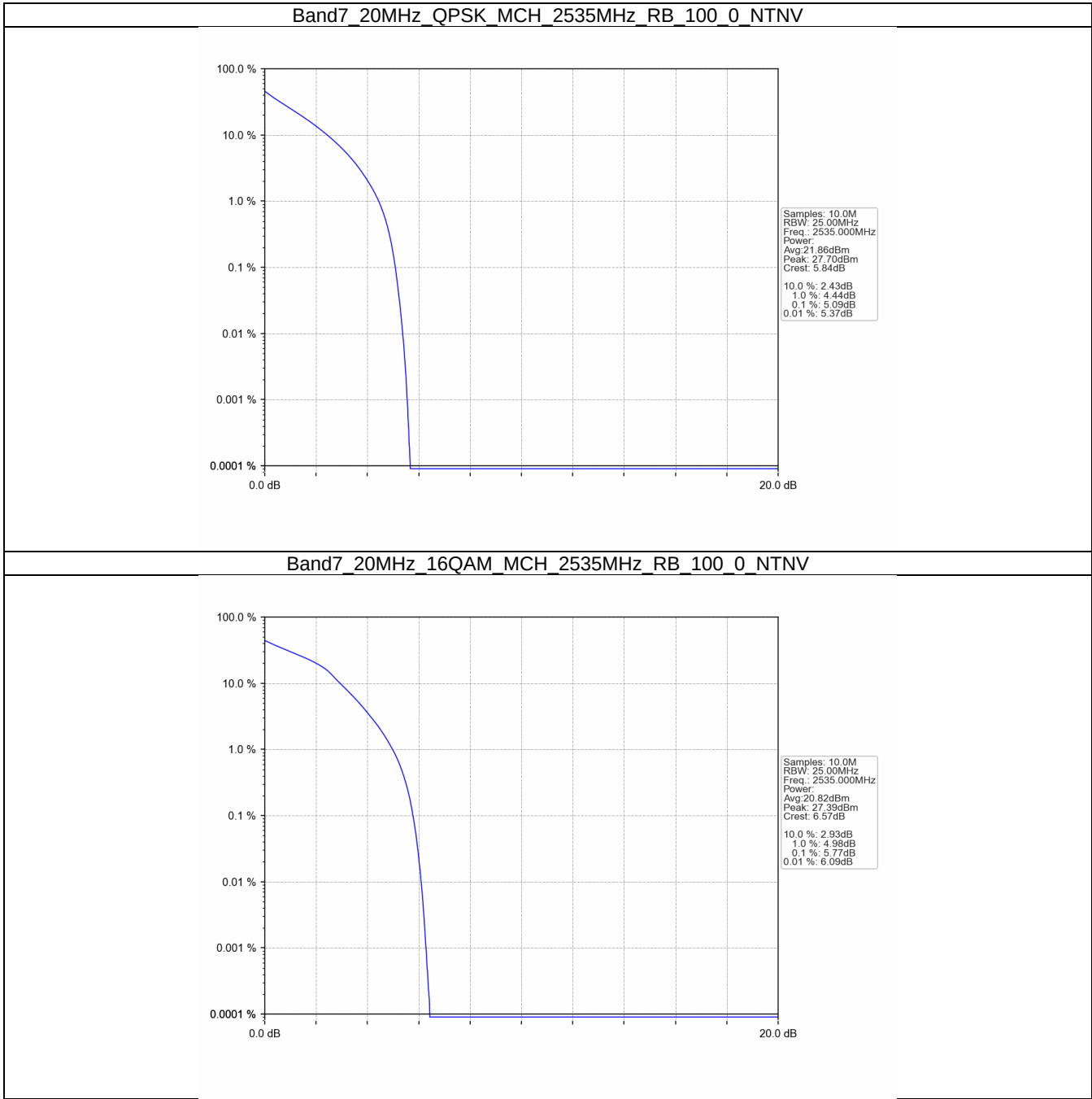
### 4.1 Test Result

#### 4.1.1 B7\_20MHz

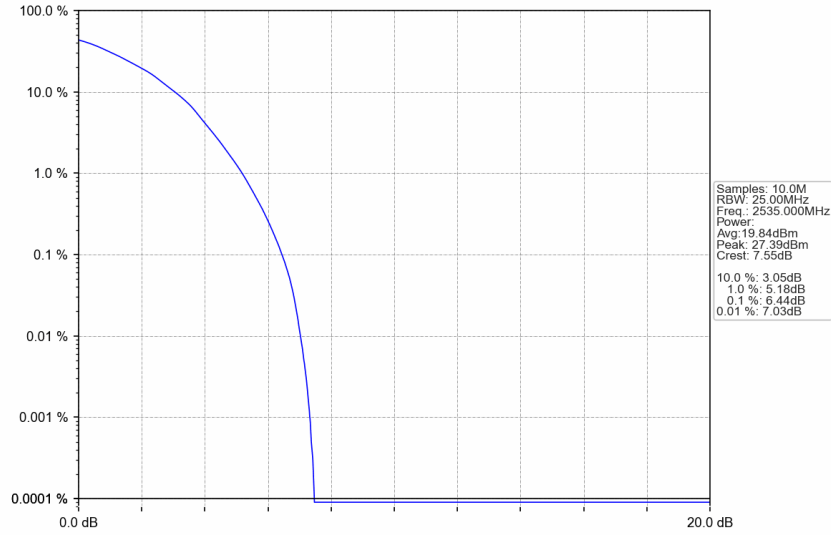
| Band: 7 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|-----------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2535               | 100           | 0      | 5.09                    | <=13  | Pass    |
| 16QAM                             | 2535               | 100           | 0      | 5.77                    | <=13  | Pass    |
| 64QAM                             | 2535               | 100           | 0      | 6.44                    | <=13  | Pass    |
| 256QAM                            | 2535               | 100           | 0      | 6.57                    | <=13  | Pass    |

4.2 Test Graph

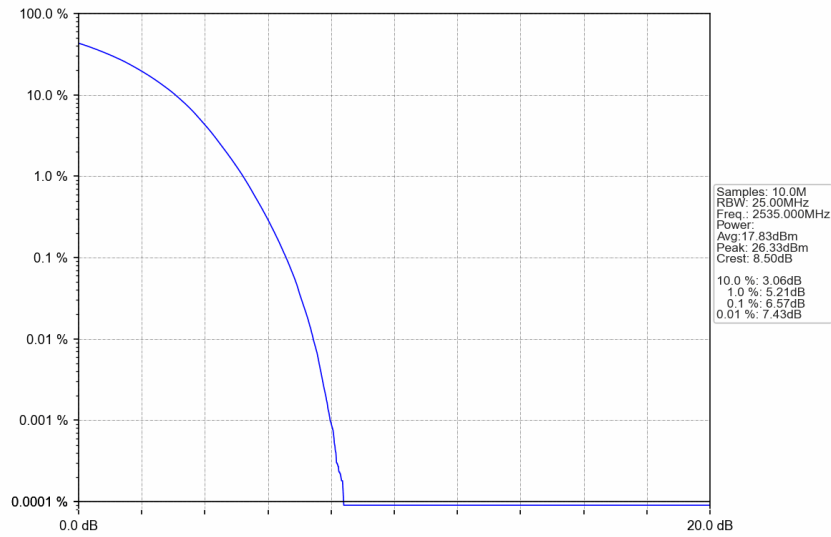
4.2.1 B7\_20MHz



Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_256QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



## 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    |

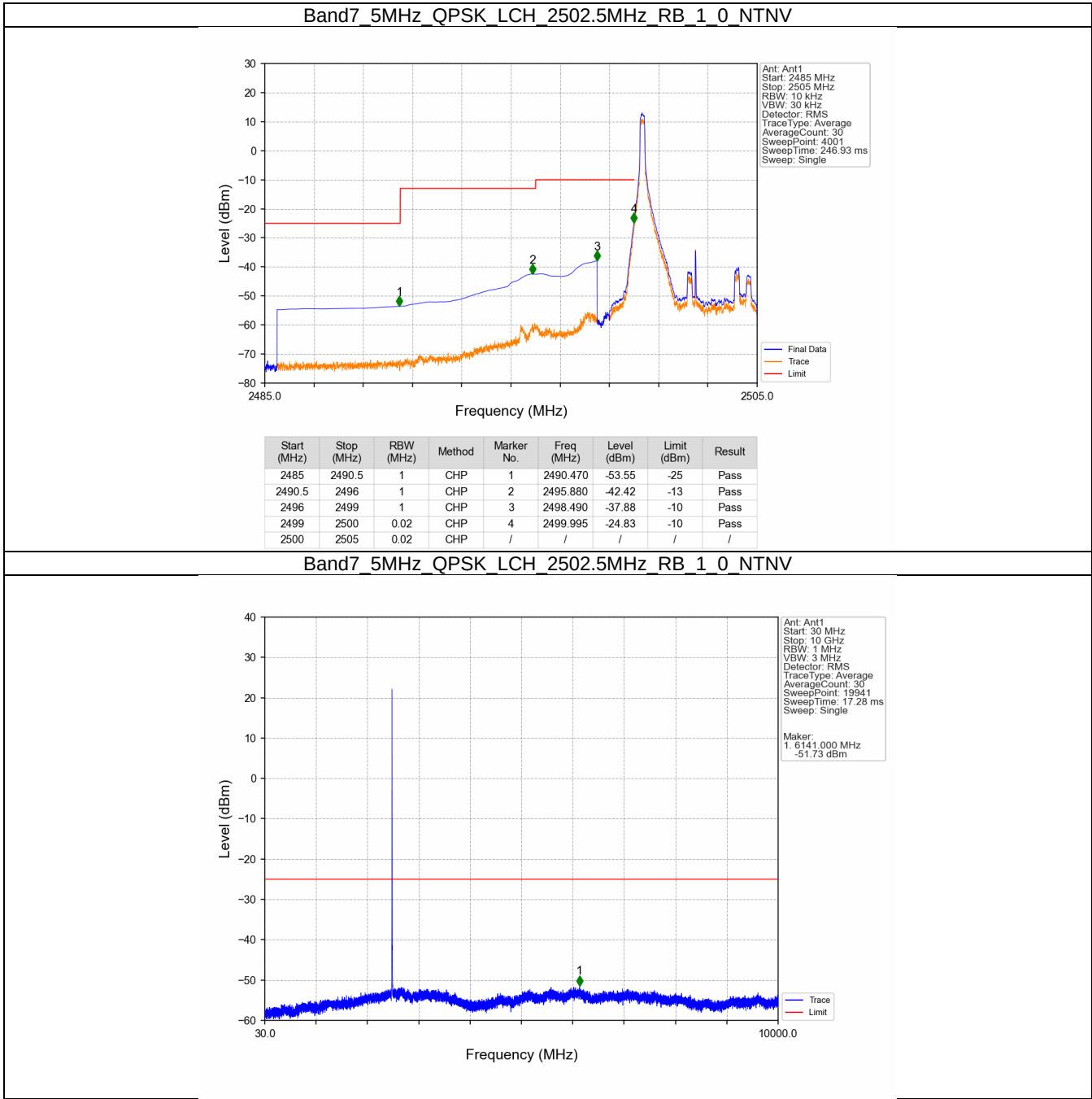
#### 5.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

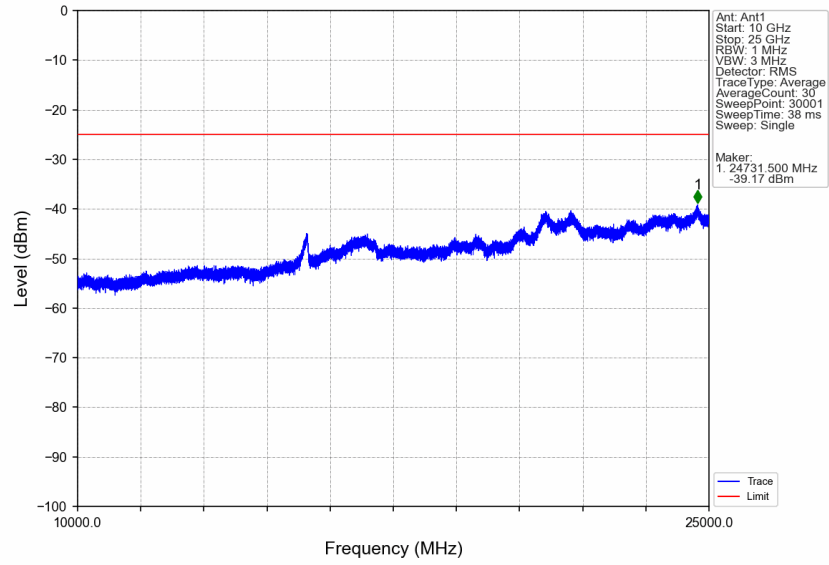
|  |  |     |   |                     |      |
|--|--|-----|---|---------------------|------|
|  |  | 100 | 0 | Refer To Test Graph | Pass |
|--|--|-----|---|---------------------|------|

5.2 Test Graph

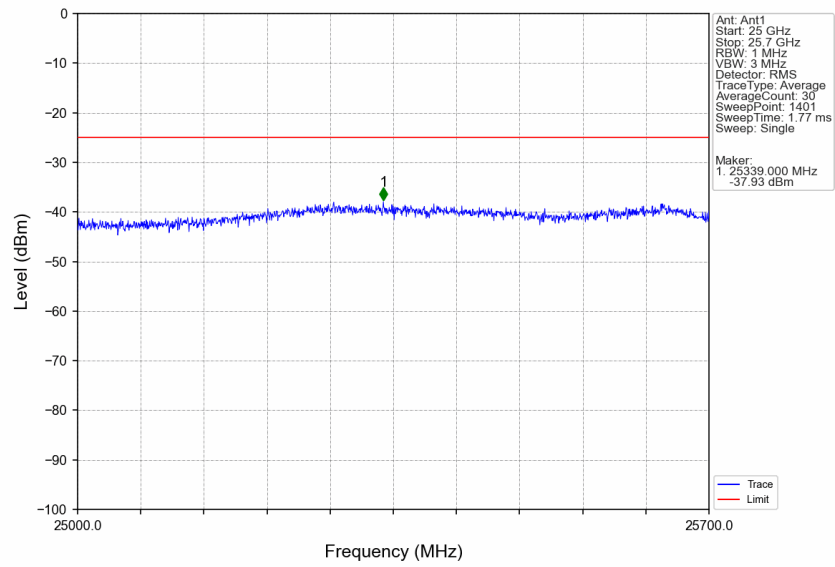
5.2.1 B7\_5MHz



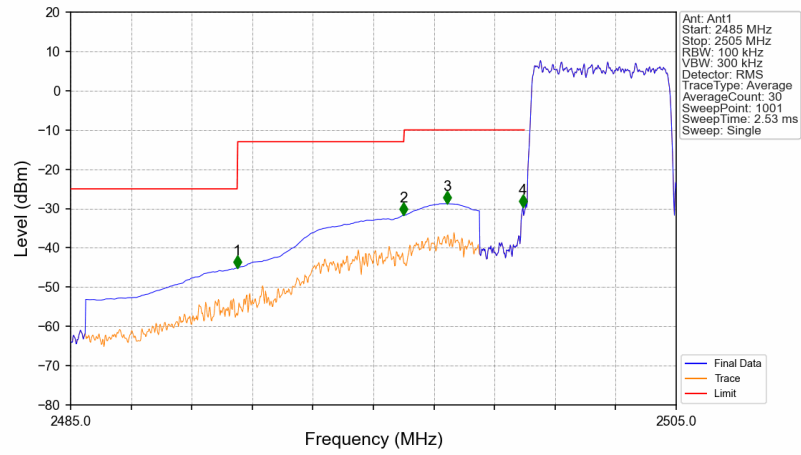
Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

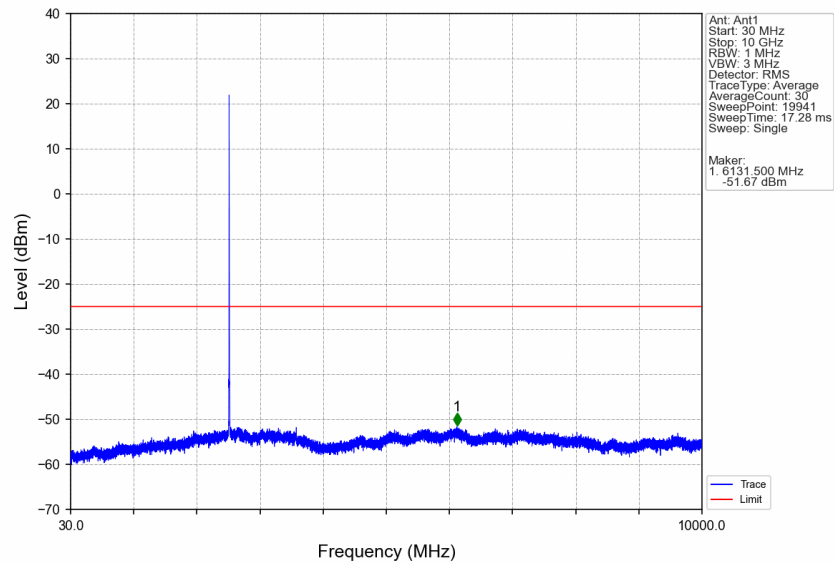


# Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



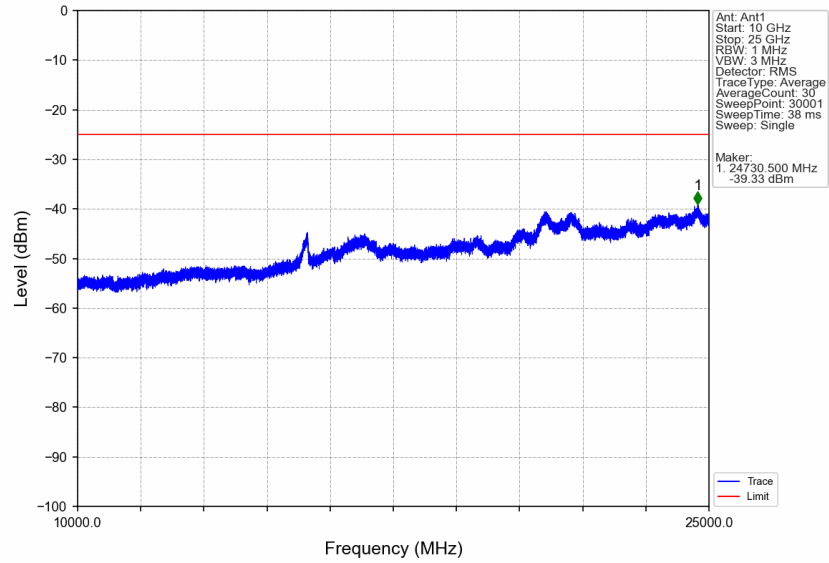
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -45.11      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -31.69      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2497.440   | -28.73      | -10         | Pass   |
| 2499        | 2500       | 0.1       | /      | 4          | 2499.940   | -29.73      | -10         | Pass   |
| 2500        | 2505       | 0.1       | /      | /          | /          | /           | /           | /      |

# Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

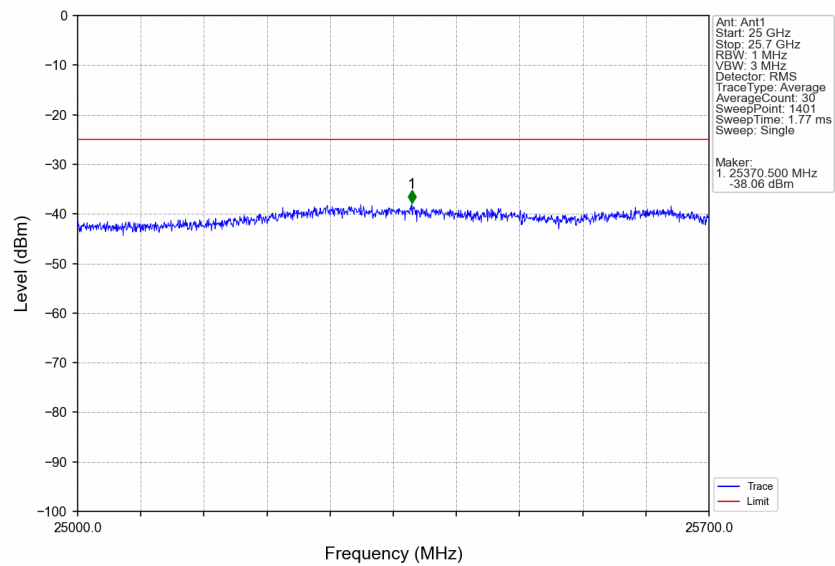




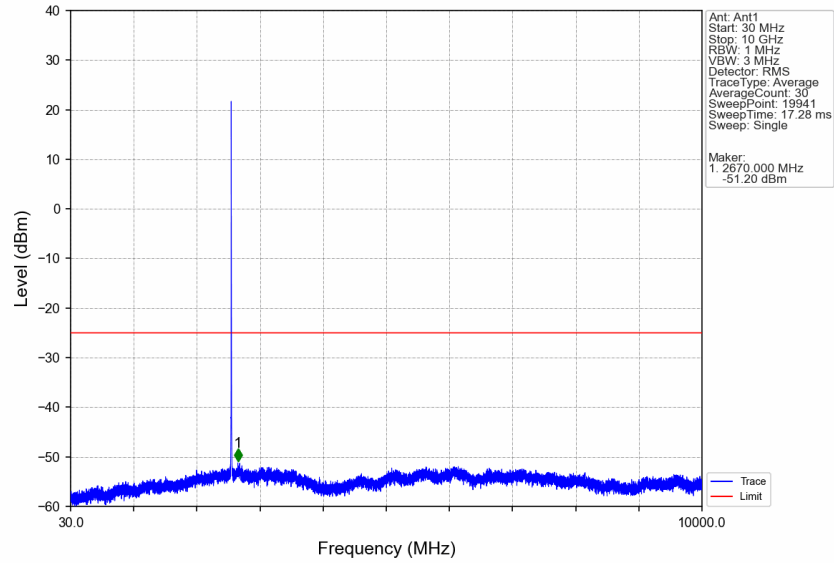
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



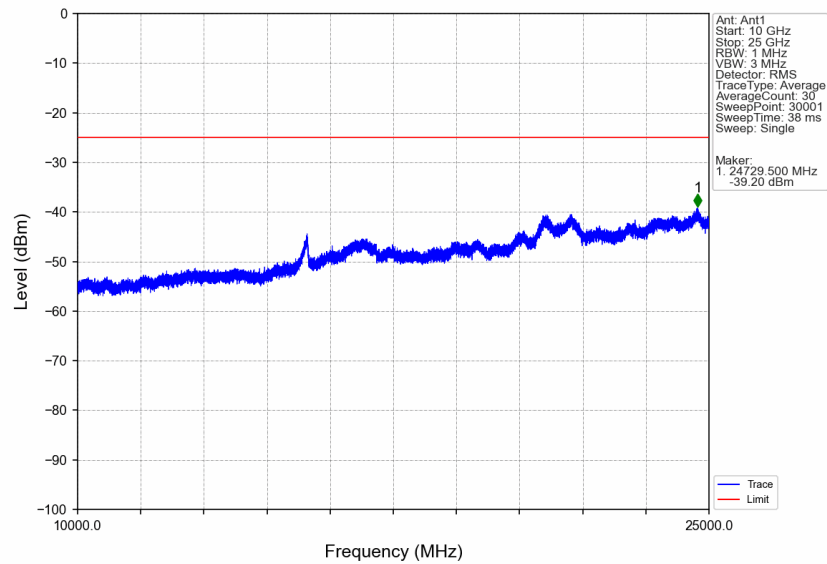
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



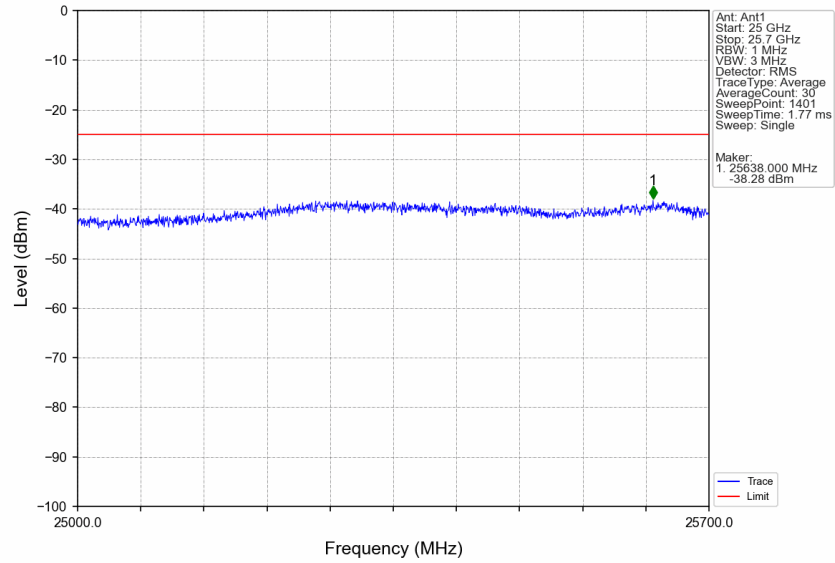
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



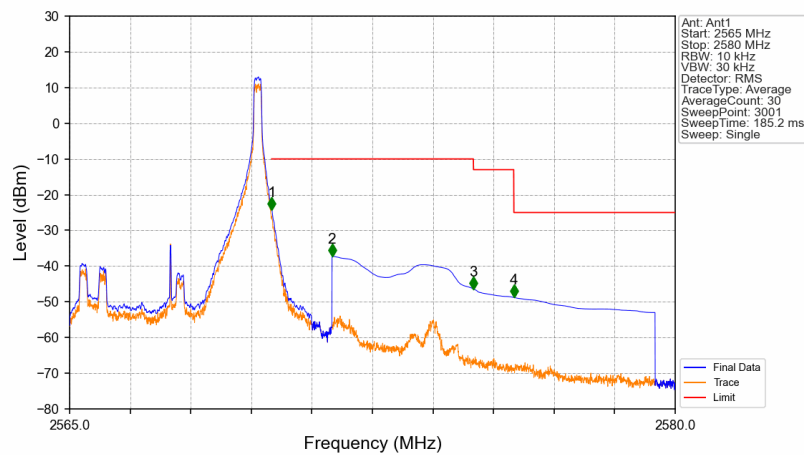
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV

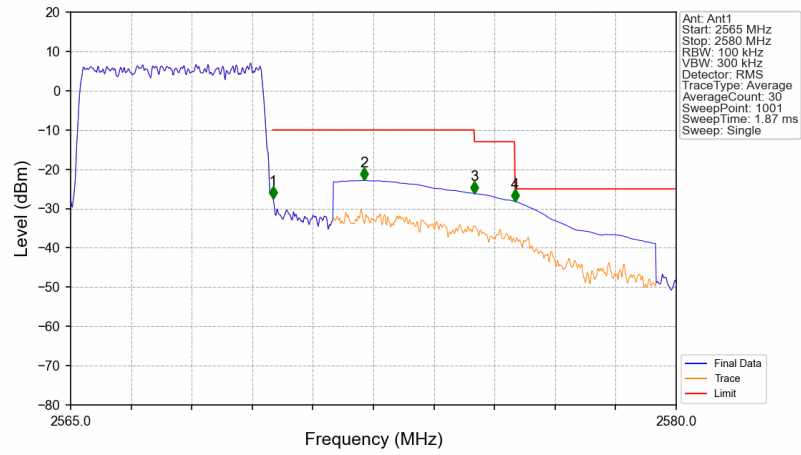


Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_24\_NTNV



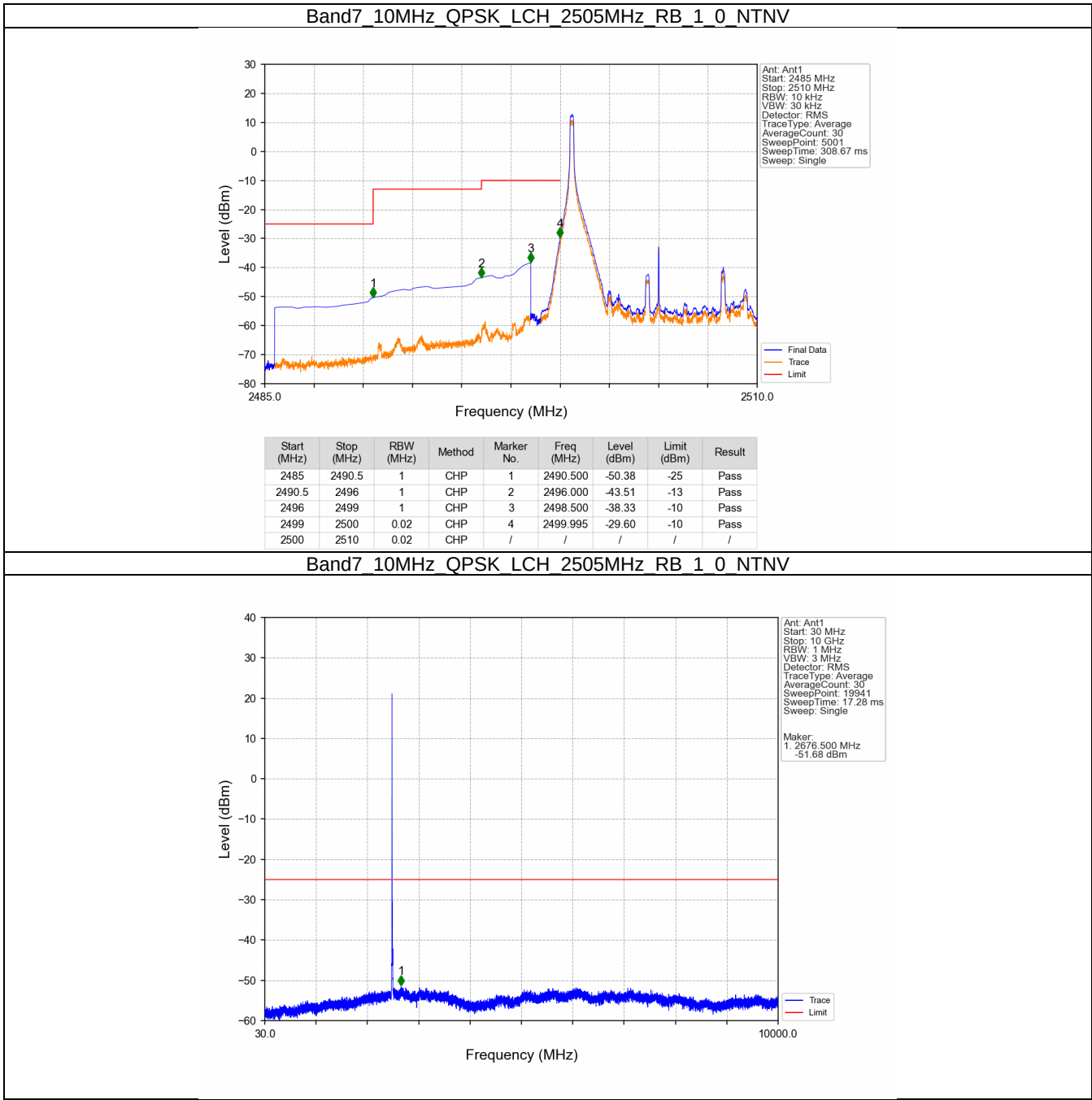
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -24.22      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -37.25      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -46.42      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.005   | -48.78      | -25         | Pass   |

# Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV

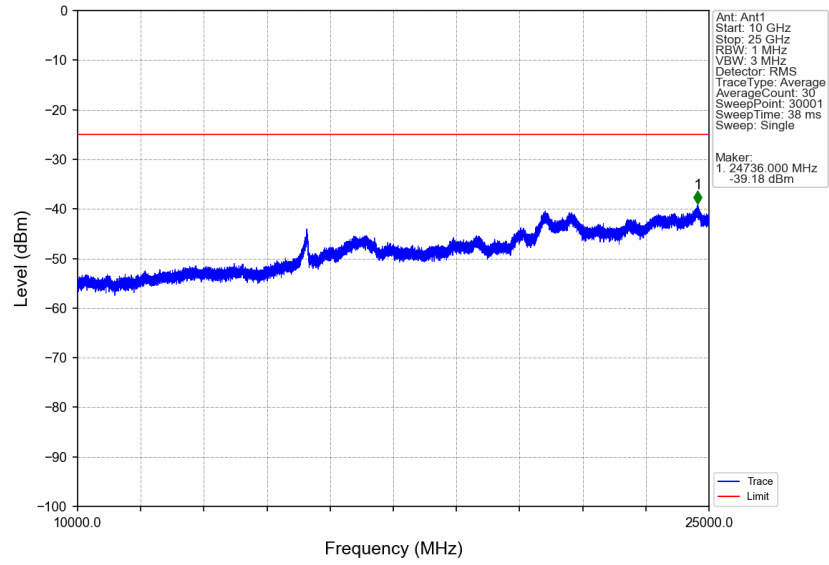


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.1       | /      | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.1       | /      | 1          | 2570.010   | -27.42      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2572.275   | -22.82      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -26.18      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.010   | -28.18      | -25         | Pass   |

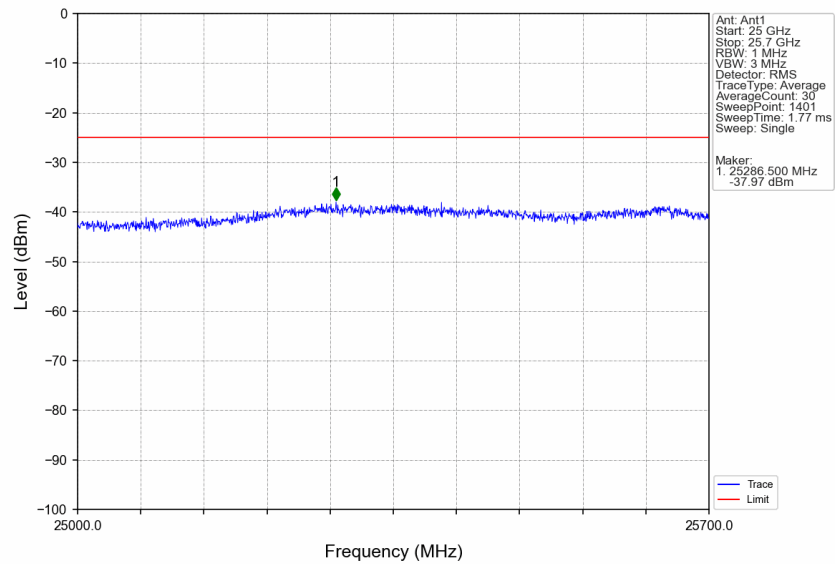
5.2.2 B7\_10MHz



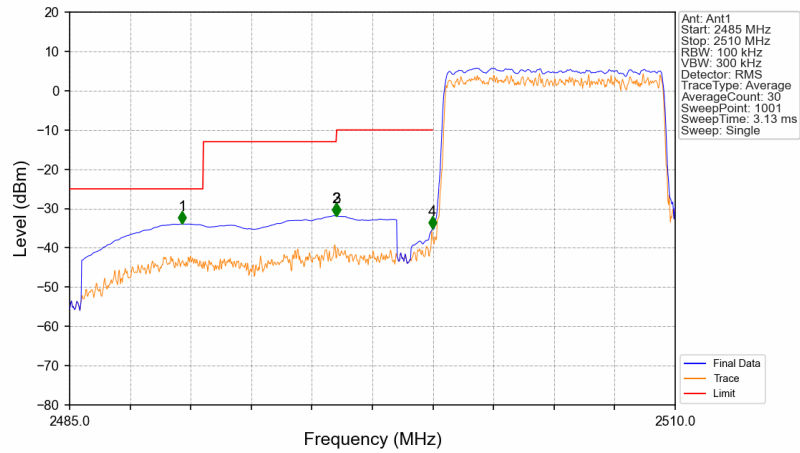
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



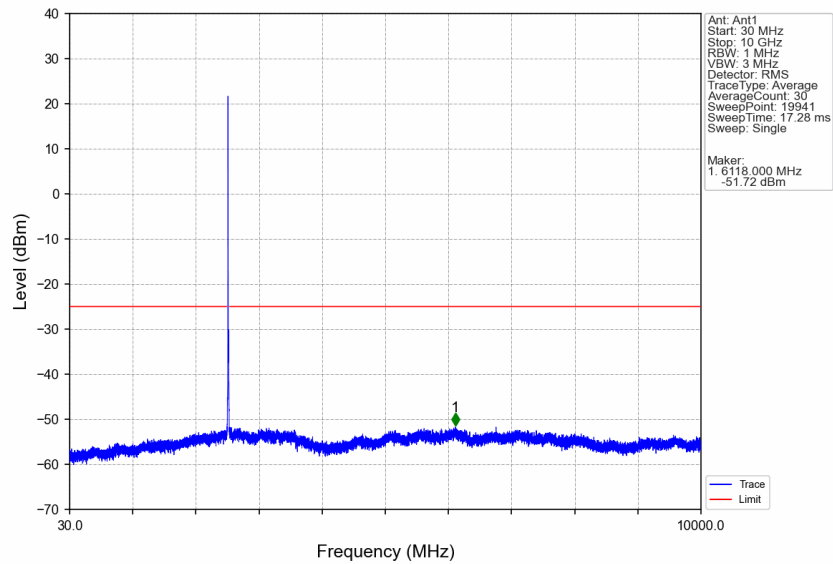
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



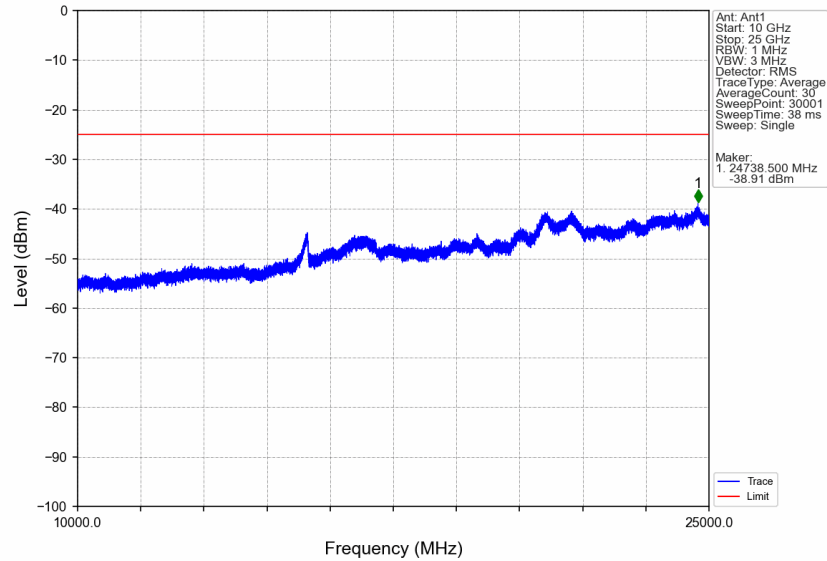
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



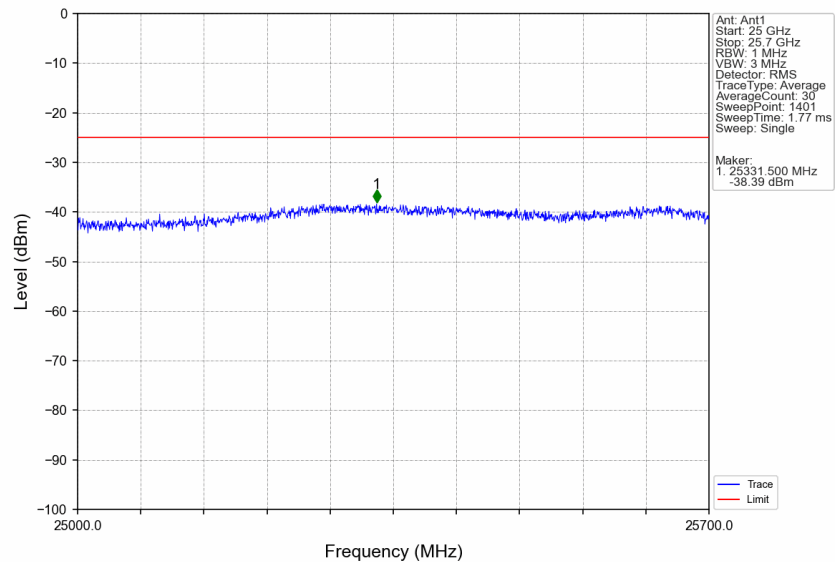
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

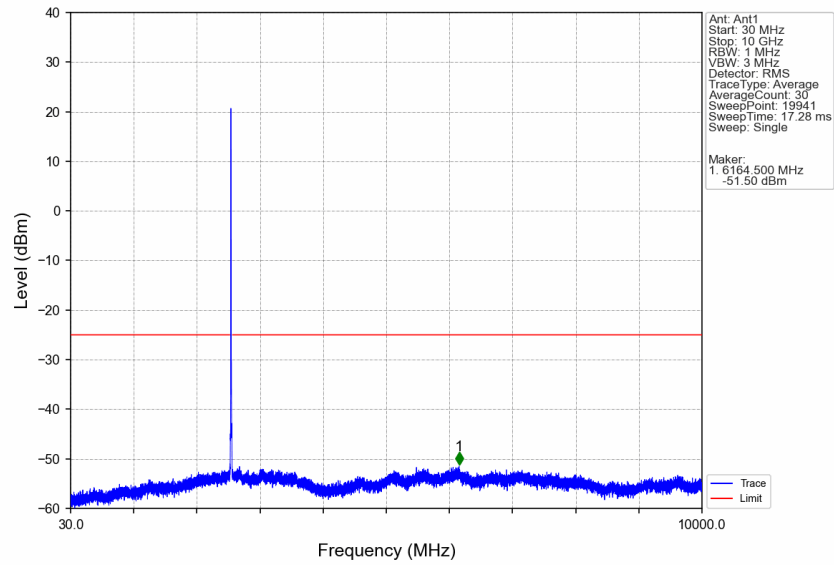


Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

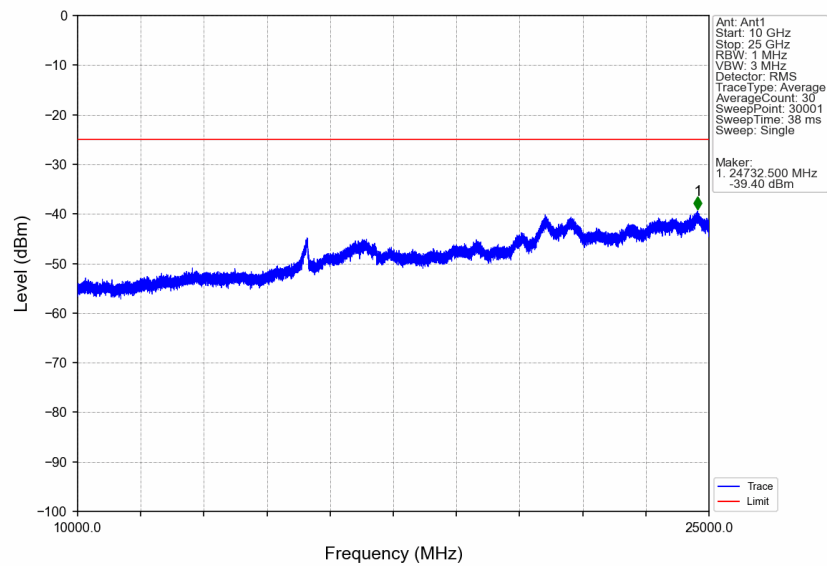




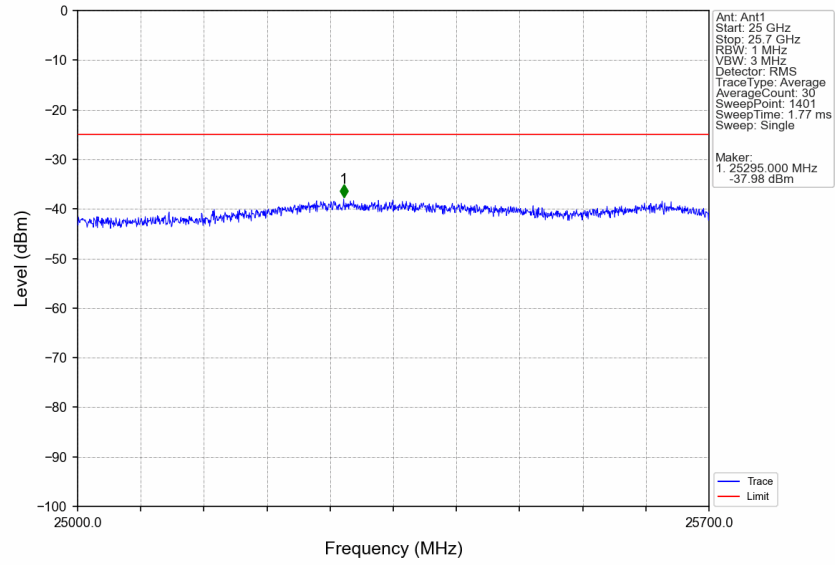
# Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV



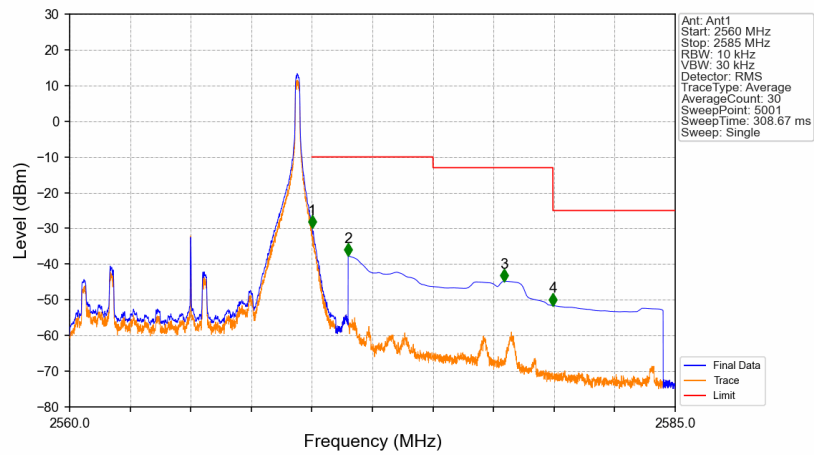
# Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV



# Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV

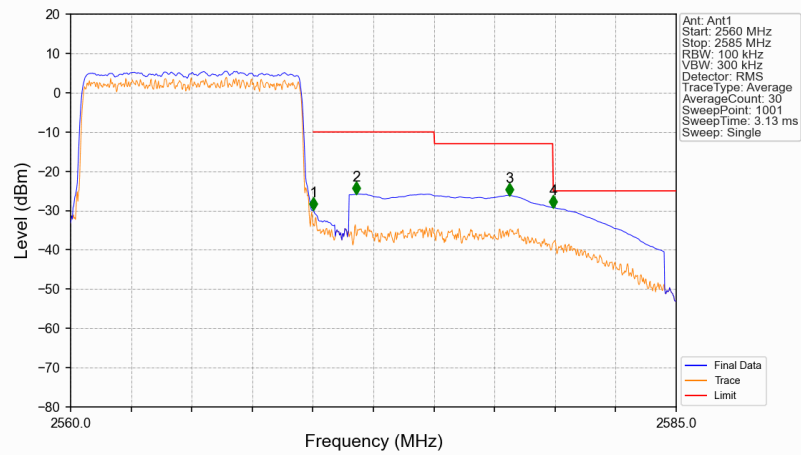


# Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_49\_NTNV



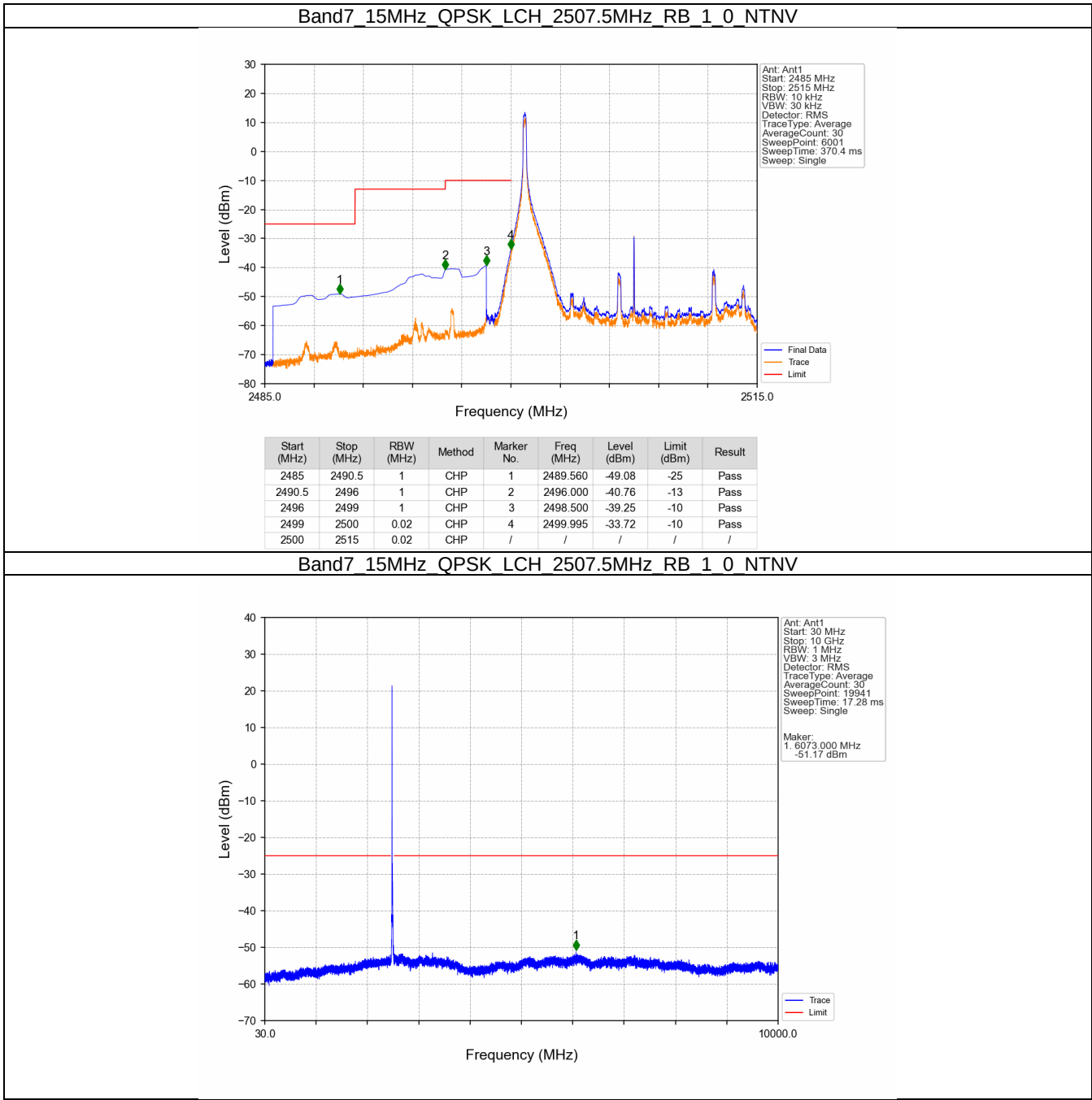
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -29.78      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -37.72      | -10         | Pass   |
| 2575        | 2579.951   | 1         | CHP    | 3          | 2577.940   | -44.81      | -13         | Pass   |
| 2579.951    | 2585       | 1         | CHP    | 4          | 2579.955   | -51.59      | -25         | Pass   |

Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV

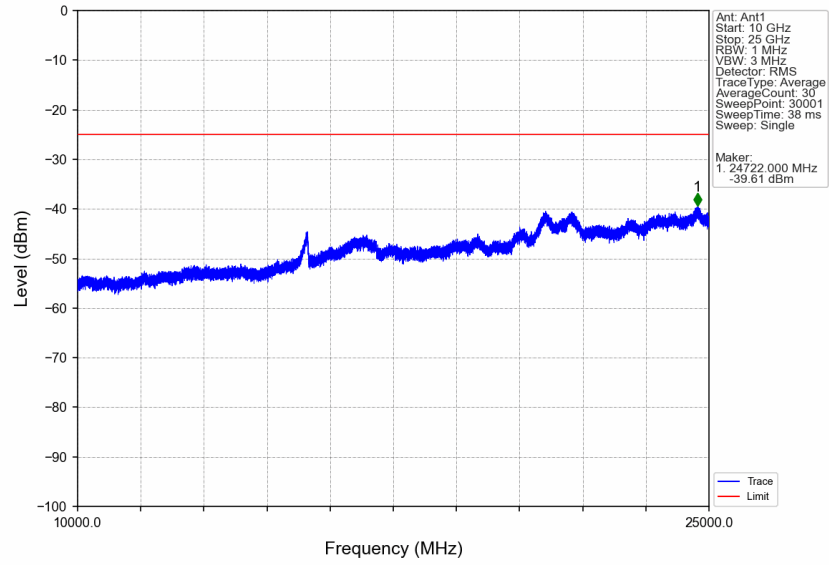


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.198     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.198     | CHP    | 1          | 2570.025   | -29.94      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.800   | -25.81      | -10         | Pass   |
| 2575        | 2579.909   | 1         | CHP    | 3          | 2578.100   | -26.14      | -13         | Pass   |
| 2579.909    | 2585       | 1         | CHP    | 4          | 2579.925   | -29.24      | -25         | Pass   |

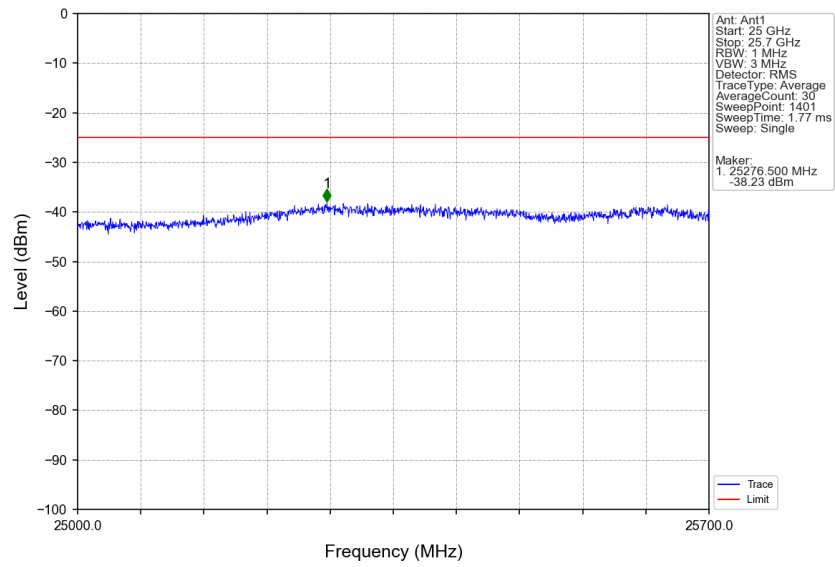
5.2.3 B7\_15MHz



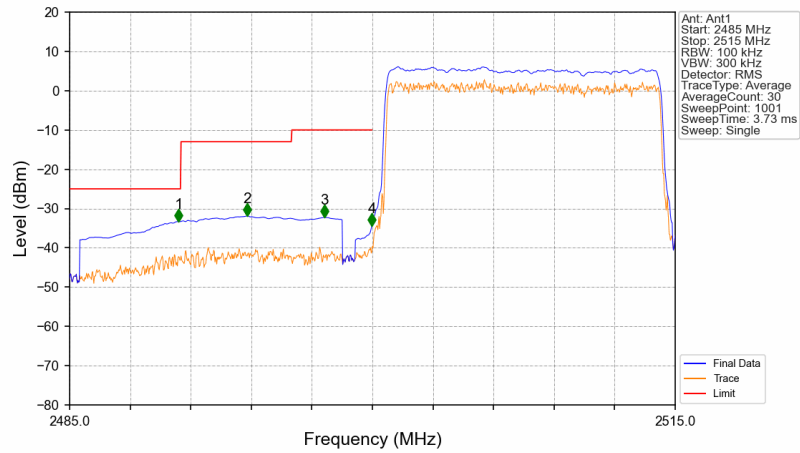
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV

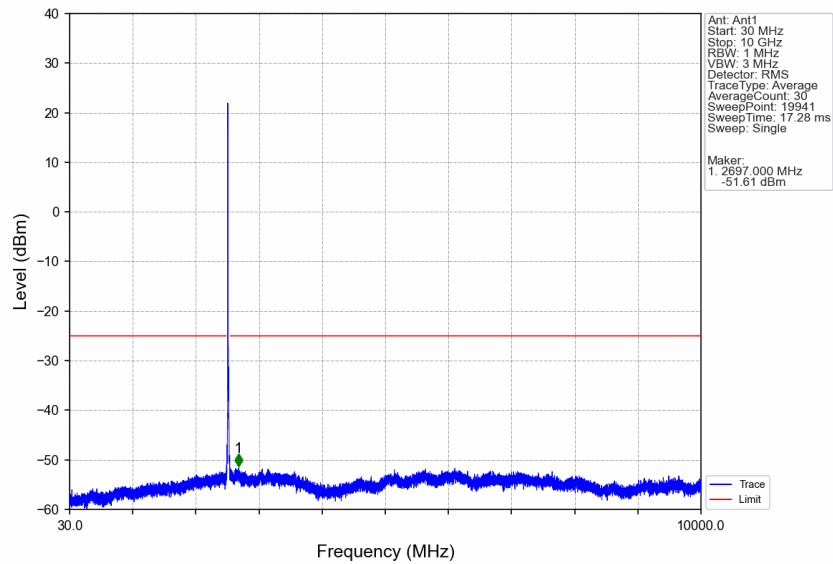


Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

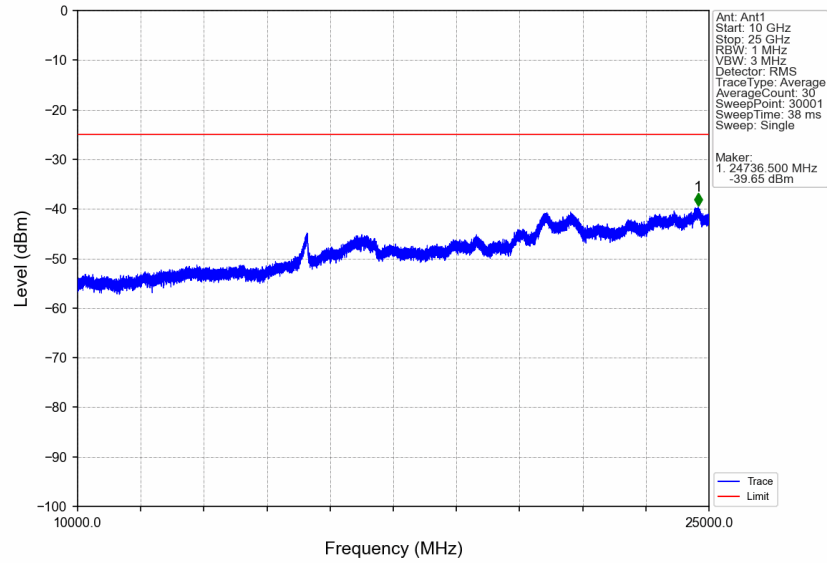


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.400   | -33.25      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.790   | -31.88      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2497.630   | -32.23      | -10         | Pass   |
| 2499        | 2500       | 0.296     | CHP    | 4          | 2499.970   | -34.46      | -10         | Pass   |
| 2500        | 2515       | 0.296     | CHP    | /          | /          | /           | /           | /      |

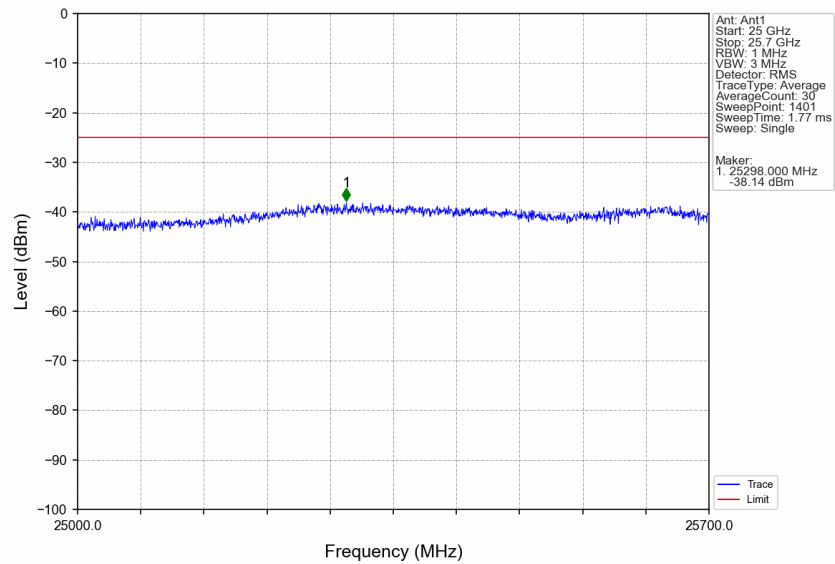
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



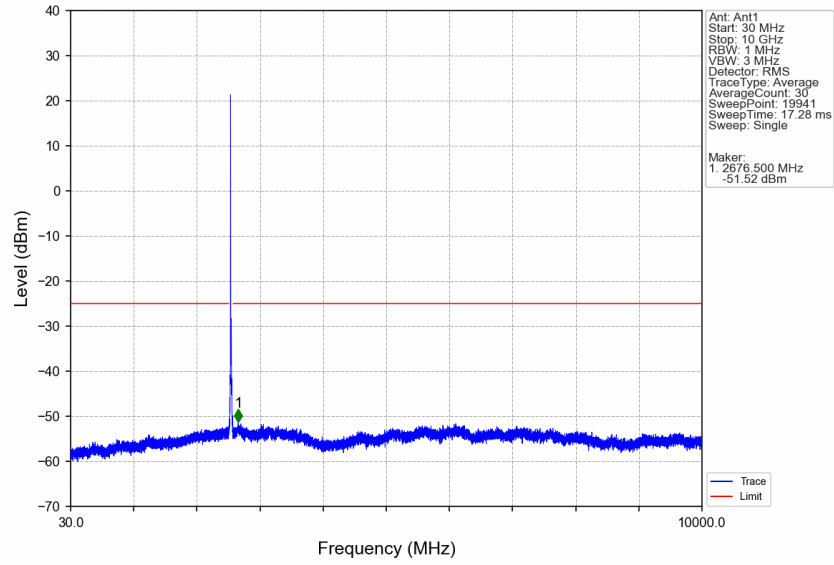
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



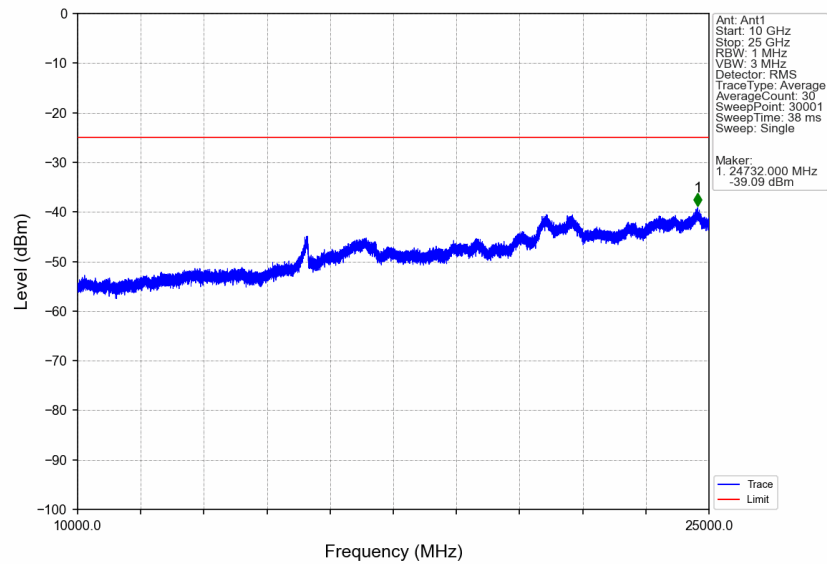
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



# Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV

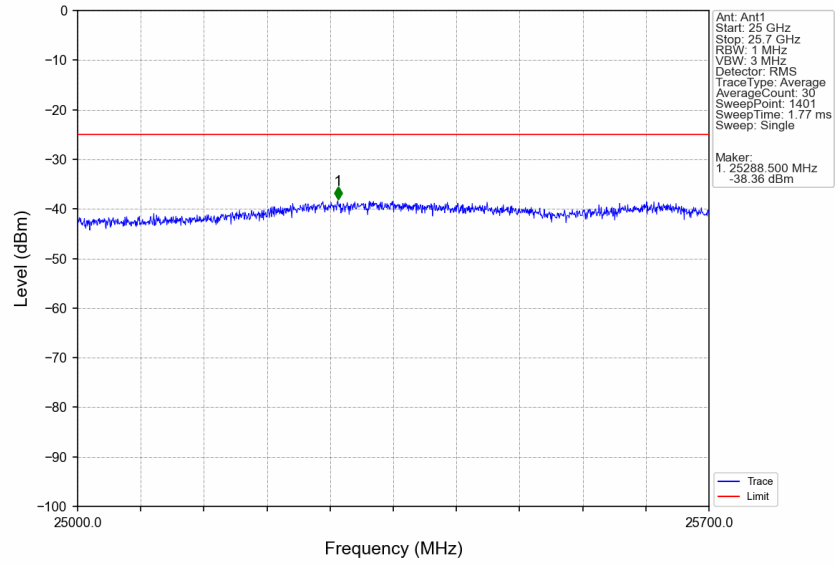


# Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV

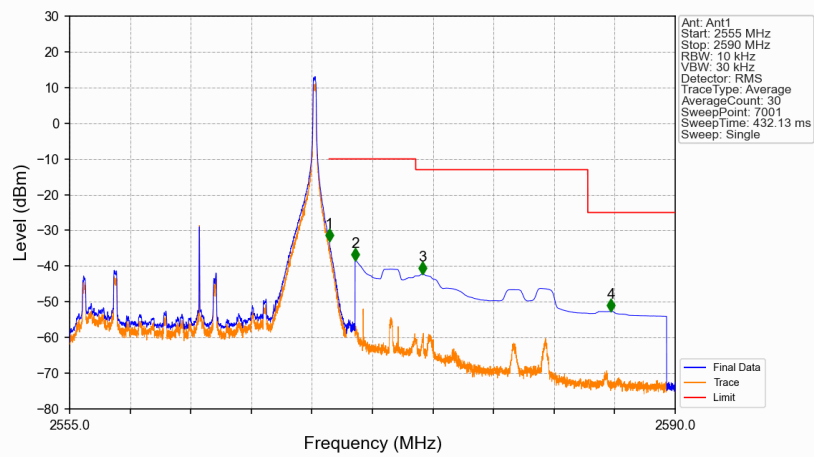




# Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV

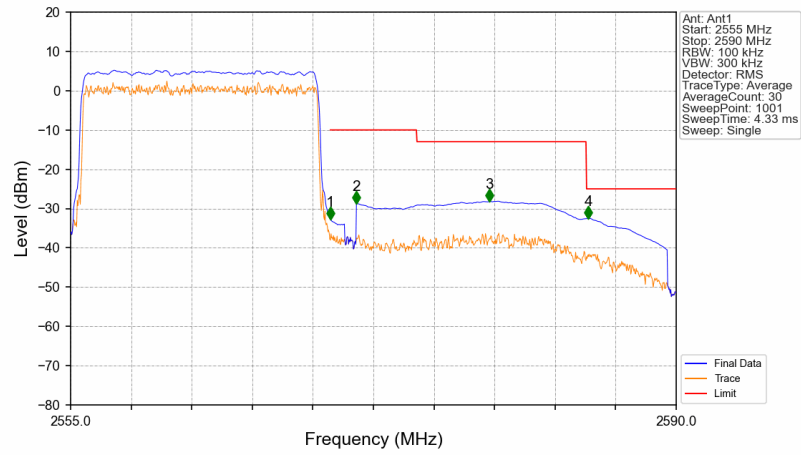


# Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_74\_NTNV



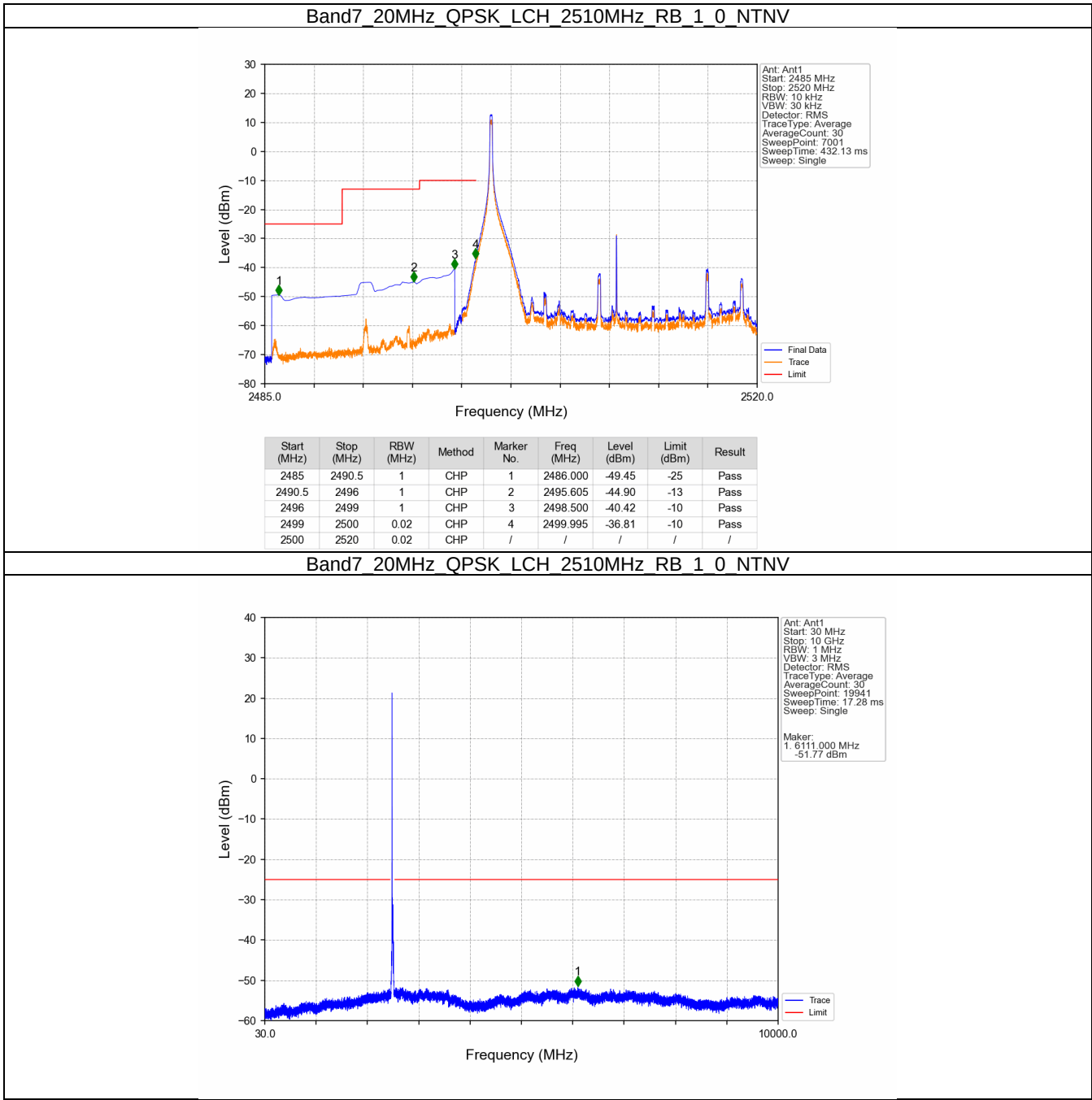
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -33.14      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -38.37      | -10         | Pass   |
| 2575        | 2584.945   | 1         | CHP    | 3          | 2575.400   | -42.20      | -13         | Pass   |
| 2584.945    | 2590       | 1         | CHP    | 4          | 2586.280   | -52.67      | -25         | Pass   |

Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV

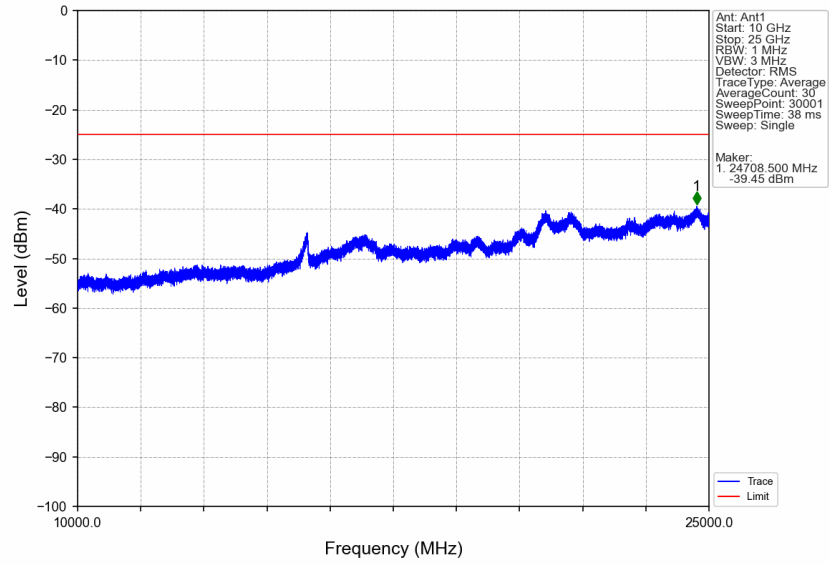


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.296     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.296     | CHP    | 1          | 2570.015   | -32.72      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.520   | -28.70      | -10         | Pass   |
| 2575        | 2584.798   | 1         | CHP    | 3          | 2579.220   | -28.13      | -13         | Pass   |
| 2584.798    | 2590       | 1         | CHP    | 4          | 2584.925   | -32.55      | -25         | Pass   |

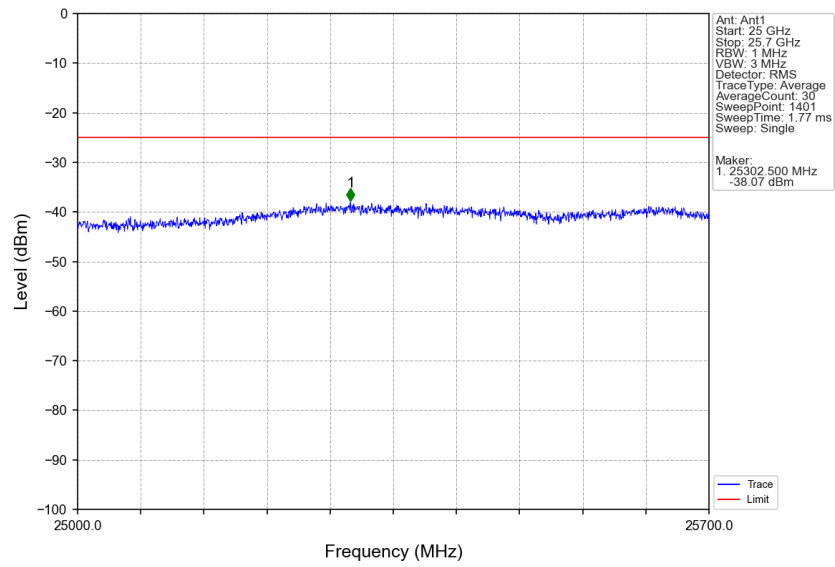
5.2.4 B7\_20MHz



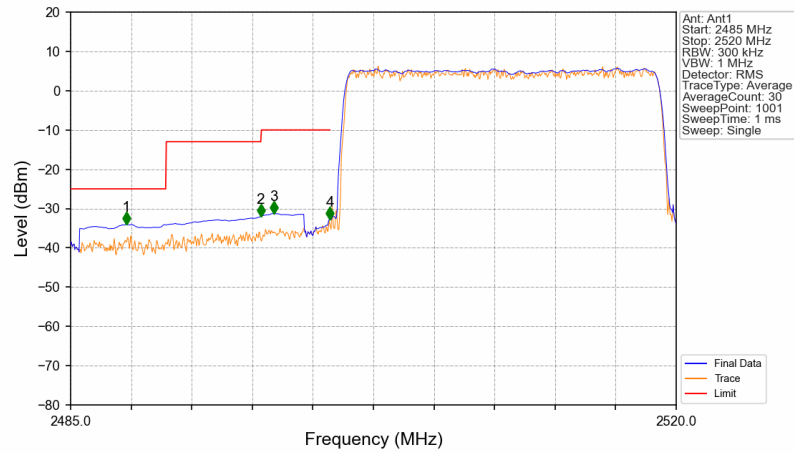
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV

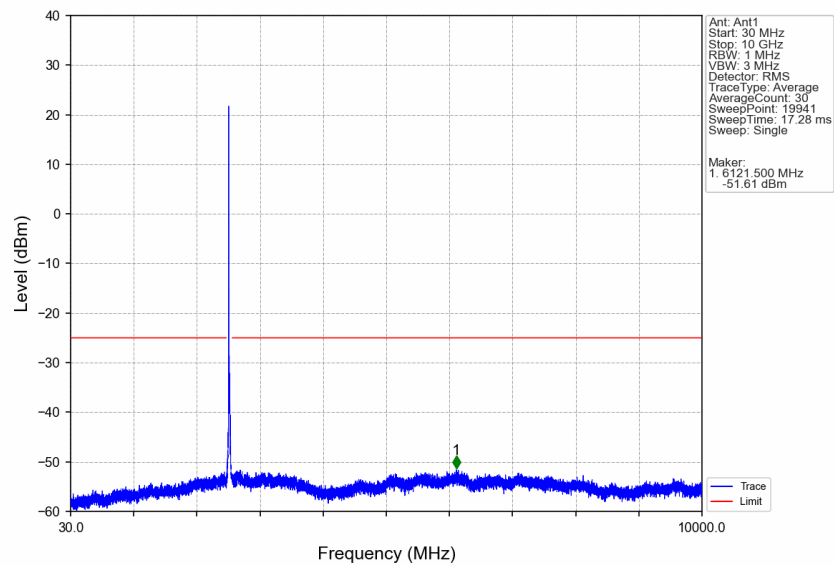


Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV

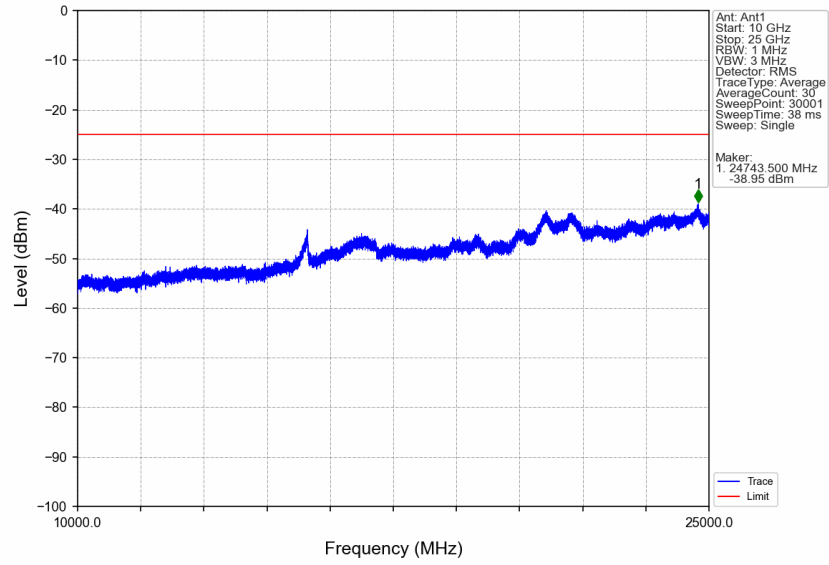


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.220   | -34.05      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.990   | -32.00      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2496.760   | -31.27      | -10         | Pass   |
| 2499        | 2500       | 0.398     | CHP    | 4          | 2499.980   | -32.80      | -10         | Pass   |
| 2500        | 2520       | 0.398     | CHP    | /          | /          | /           | /           | /      |

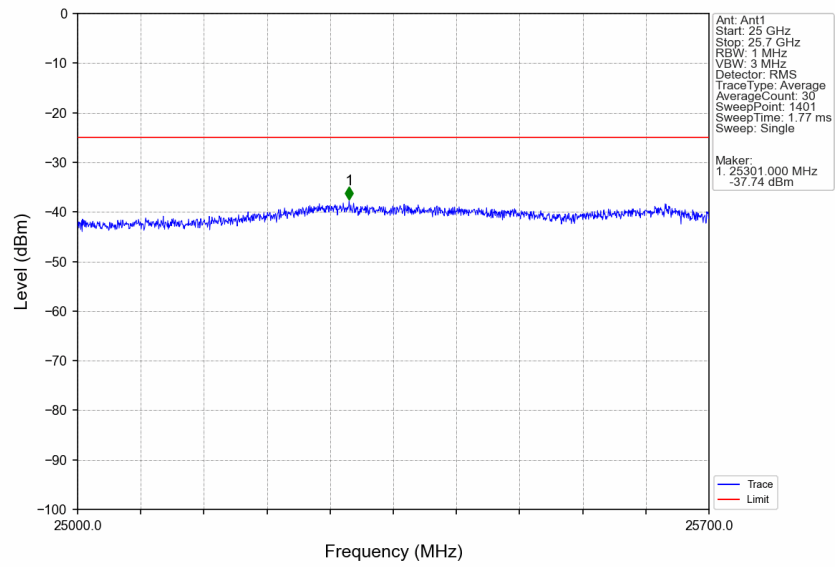
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



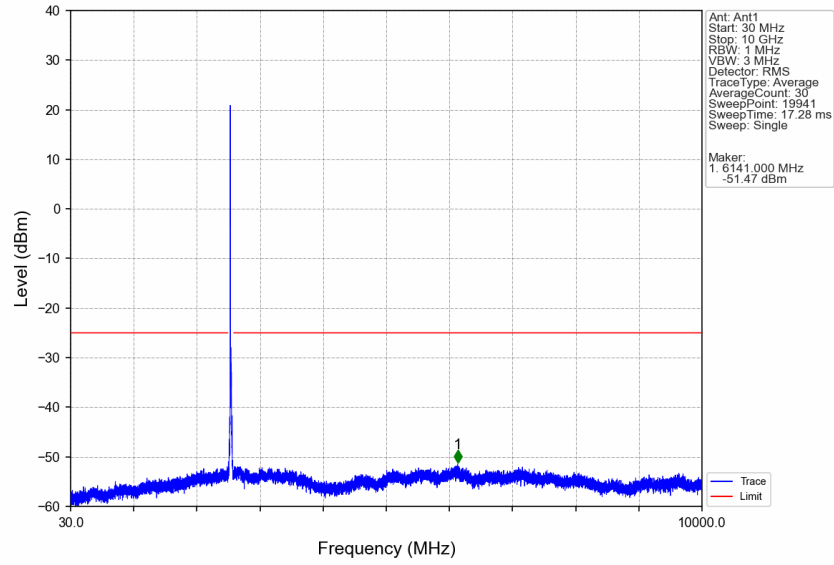
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



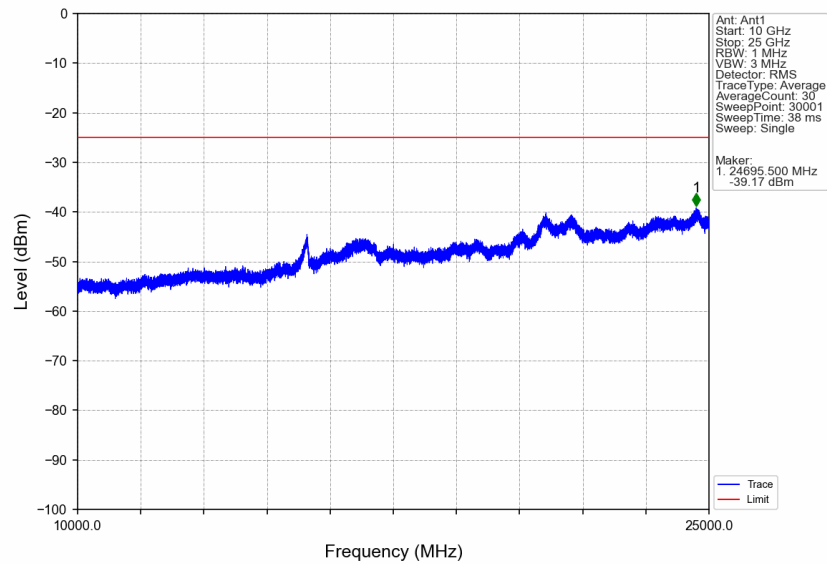
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



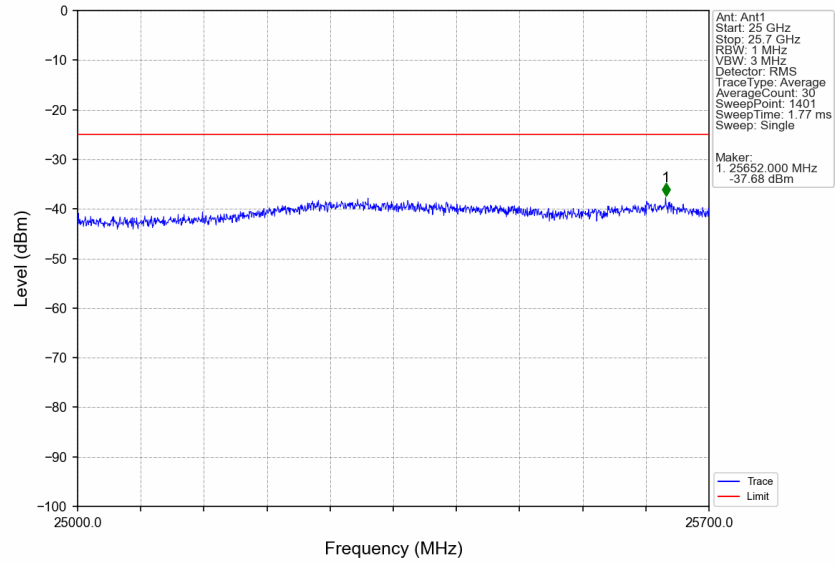
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



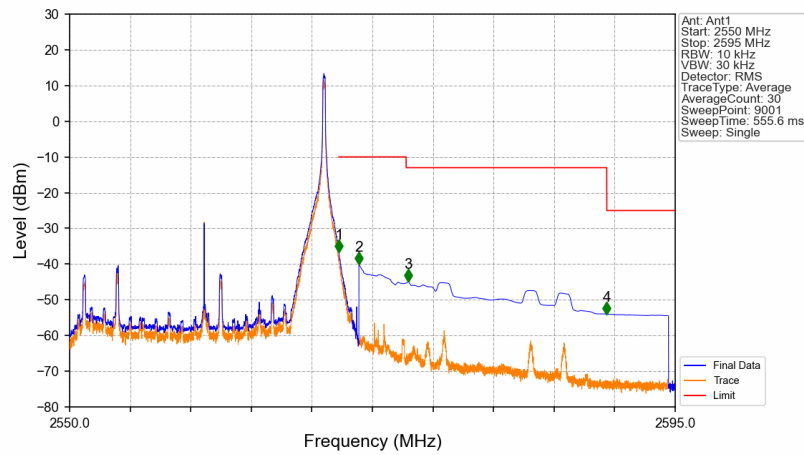
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



# Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



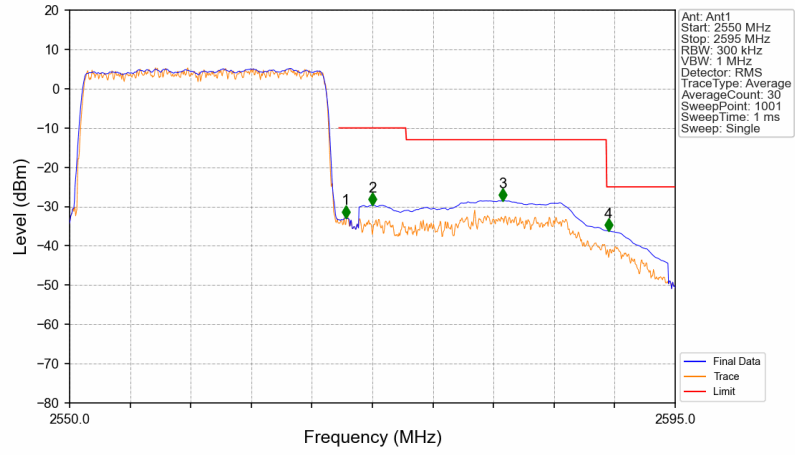
# Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_99\_NTNV



| 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          | 2570.010   | -36.59      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -40.05      | -10         | Pass   |
| 2575        | 2589.91    | 1         | CHP    | 3          | 2575.170   | -44.96      | -13         | Pass   |
| 2589.91     | 2595       | 1         | CHP    | 4          | 2589.915   | -54.02      | -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       | 0.398     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.398     | CHP    | 1          | 2570.520   | -32.86      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2572.500   | -29.62      | -10         | Pass   |
| 2575        | 2589.91    | 1         | CHP    | 3          | 2582.175   | -28.51      | -13         | Pass   |
| 2589.91     | 2595       | 1         | CHP    | 4          | 2590.050   | -36.18      | -25         | Pass   |

## 6. Field Strength of Spurious Radiation

**Test Band = LTE Band7\_ TM1**

**Test Channel = Low**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 5001.75         | 46.01          | -45.64      | 31.40    | -63.48      | -25.00      | 38.48       | Horizontal |
| 2               | 6072.75         | 43.21          | -44.55      | 32.65    | -63.96      | -25.00      | 38.96       | Horizontal |
| 3               | 7857.75         | 40.85          | -42.60      | 36.90    | -60.11      | -25.00      | 35.11       | Horizontal |
| 4               | 10004.25        | 44.99          | -39.23      | 38.50    | -51.00      | -25.00      | 26.00       | Horizontal |
| 5               | 11413.5         | 32.78          | -37.36      | 38.81    | -61.04      | -25.00      | 36.04       | Horizontal |
| 6               | 13701           | 33.83          | -36.16      | 40.38    | -57.21      | -25.00      | 32.21       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 5002.5          | 50.49          | -45.63      | 31.40    | -59.00      | -25.00      | 34.00       | Vertical |
| 2               | 6149.25         | 43.17          | -44.60      | 32.91    | -63.79      | -25.00      | 38.79       | Vertical |
| 3               | 7221            | 41.77          | -43.49      | 35.62    | -61.36      | -25.00      | 36.36       | Vertical |
| 4               | 10004.25        | 48.39          | -39.23      | 38.50    | -47.60      | -25.00      | 22.60       | Vertical |
| 5               | 11361.75        | 33.22          | -37.39      | 38.78    | -60.65      | -25.00      | 35.65       | Vertical |
| 6               | 12505.5         | 40.74          | -36.99      | 39.25    | -52.26      | -25.00      | 27.26       | Vertical |

**Test Band = LTE Band7\_ TM1**

**Test Channel = Mid**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 5052            | 44.52          | -45.50      | 31.49    | -64.75      | -25.00      | 39.75       | Horizontal |
| 2               | 5998.5          | 42.70          | -44.83      | 32.40    | -64.99      | -25.00      | 39.99       | Horizontal |
| 3               | 7422.75         | 41.35          | -43.35      | 36.18    | -61.07      | -25.00      | 36.07       | Horizontal |
| 4               | 10104           | 44.86          | -39.14      | 38.51    | -51.02      | -25.00      | 26.02       | Horizontal |
| 5               | 11242.5         | 33.54          | -37.40      | 38.72    | -60.40      | -25.00      | 35.40       | Horizontal |
| 6               | 12870           | 33.93          | -37.03      | 39.36    | -59.00      | -25.00      | 34.00       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 5052            | 48.35          | -45.50      | 31.49    | -60.92      | -25.00      | 35.92       | Vertical |
| 2               | 6825.75         | 42.24          | -44.15      | 34.69    | -62.49      | -25.00      | 37.49       | Vertical |
| 3               | 8038.5          | 40.31          | -41.97      | 37.08    | -59.84      | -25.00      | 34.84       | Vertical |
| 4               | 10104           | 45.32          | -39.14      | 38.51    | -50.56      | -25.00      | 25.56       | Vertical |
| 5               | 11365.5         | 33.07          | -37.39      | 38.78    | -60.79      | -25.00      | 35.79       | Vertical |
| 6               | 14394           | 32.83          | -34.88      | 41.12    | -56.20      | -25.00      | 31.20       | Vertical |

**Test Band = LTE Band7\_ TM1**  
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 5102.25         | 46.33          | -45.37      | 31.58    | -62.71      | -25.00      | 37.71       | Horizontal |
| 2               | 6841.5          | 42.21          | -44.14      | 34.71    | -62.48      | -25.00      | 37.48       | Horizontal |
| 3               | 8387.25         | 39.55          | -41.52      | 36.87    | -60.36      | -25.00      | 35.36       | Horizontal |
| 4               | 10204.5         | 44.67          | -39.48      | 38.52    | -51.55      | -25.00      | 26.55       | Horizontal |
| 5               | 12107.25        | 34.27          | -37.35      | 39.13    | -59.21      | -25.00      | 34.21       | Horizontal |
| 6               | 13416           | 34.66          | -36.42      | 39.98    | -57.04      | -25.00      | 32.04       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 5102.25         | 46.59          | -45.37      | 31.58    | -62.45      | -25.00      | 37.45       | Vertical |
| 2               | 6160.5          | 43.39          | -44.64      | 32.95    | -63.56      | -25.00      | 38.56       | Vertical |
| 3               | 7653            | 41.93          | -43.03      | 36.61    | -59.75      | -25.00      | 34.75       | Vertical |
| 4               | 10204.5         | 48.23          | -39.48      | 38.52    | -47.99      | -25.00      | 22.99       | Vertical |
| 5               | 12319.5         | 33.97          | -37.44      | 39.20    | -59.53      | -25.00      | 34.53       | Vertical |
| 6               | 14996.25        | 32.70          | -34.63      | 41.60    | -55.60      | -25.00      | 30.60       | Vertical |