

## Appendix B LTE Band 7

### 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      | 23.14                 | -2.20      | 20.94      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.19                 | -2.20      | 20.99      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.11                 | -2.20      | 20.91      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.13                 | -2.20      | 19.93      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.20                 | -2.20      | 20.00      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.15                 | -2.20      | 19.95      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.12                 | -2.20      | 19.92      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 23.41                 | -2.20      | 21.21      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.47                 | -2.20      | 21.27      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.45                 | -2.20      | 21.25      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.38                 | -2.20      | 20.18      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.42                 | -2.20      | 20.22      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.50                 | -2.20      | 20.30      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.33                 | -2.20      | 20.13      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 23.58                 | -2.20      | 21.38      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.66                 | -2.20      | 21.46      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.65                 | -2.20      | 21.45      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.51                 | -2.20      | 20.31      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.62                 | -2.20      | 20.42      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.68                 | -2.20      | 20.48      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.52                 | -2.20      | 20.32      | <=33.01 | Pass    |
| 16QAM                            | 2502.5          | 1             | 0      | 22.26                 | -2.20      | 20.06      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.42                 | -2.20      | 20.22      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.34                 | -2.20      | 20.14      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.16                 | -2.20      | 18.96      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.17                 | -2.20      | 18.97      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.14                 | -2.20      | 18.94      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.17                 | -2.20      | 18.97      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 22.56                 | -2.20      | 20.36      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.57                 | -2.20      | 20.37      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.65                 | -2.20      | 20.45      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.36                 | -2.20      | 19.16      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.46                 | -2.20      | 19.26      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.45                 | -2.20      | 19.25      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.39                 | -2.20      | 19.19      | <=33.01 | Pass    |
|                                  | 2567.5          | 1             | 0      | 22.80                 | -2.20      | 20.60      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.85                 | -2.20      | 20.65      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.70                 | -2.20      | 20.50      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.50                 | -2.20      | 19.30      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.62                 | -2.20      | 19.42      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.66                 | -2.20      | 19.46      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.55                 | -2.20      | 19.35      | <=33.01 | Pass    |
| 64QAM                            | 2502.5          | 1             | 0      | 20.75                 | -2.20      | 18.55      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.78                 | -2.20      | 18.58      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 20.84                 | -2.20      | 18.64      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 19.80                 | -2.20      | 17.60      | <=33.01 | Pass    |

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|  |                                          |    |    |       |       |       |         |      |
|--|------------------------------------------|----|----|-------|-------|-------|---------|------|
|  |                                          |    | 6  | 19.90 | -2.20 | 17.70 | <=33.01 | Pass |
|  |                                          |    | 13 | 19.80 | -2.20 | 17.60 | <=33.01 | Pass |
|  |                                          | 25 | 0  | 19.79 | -2.20 | 17.59 | <=33.01 | Pass |
|  | 2535                                     | 1  | 0  | 21.28 | -2.20 | 19.08 | <=33.01 | Pass |
|  |                                          |    | 13 | 21.31 | -2.20 | 19.11 | <=33.01 | Pass |
|  |                                          |    | 24 | 21.39 | -2.20 | 19.19 | <=33.01 | Pass |
|  |                                          | 12 | 0  | 20.07 | -2.20 | 17.87 | <=33.01 | Pass |
|  |                                          |    | 6  | 20.13 | -2.20 | 17.93 | <=33.01 | Pass |
|  |                                          |    | 13 | 20.20 | -2.20 | 18.00 | <=33.01 | Pass |
|  |                                          | 25 | 0  | 20.09 | -2.20 | 17.89 | <=33.01 | Pass |
|  | 2567.5                                   | 1  | 0  | 21.29 | -2.20 | 19.09 | <=33.01 | Pass |
|  |                                          |    | 13 | 21.49 | -2.20 | 19.29 | <=33.01 | Pass |
|  |                                          |    | 24 | 21.47 | -2.20 | 19.27 | <=33.01 | Pass |
|  |                                          | 12 | 0  | 20.22 | -2.20 | 18.02 | <=33.01 | Pass |
|  |                                          |    | 6  | 20.31 | -2.20 | 18.11 | <=33.01 | Pass |
|  |                                          |    | 13 | 20.36 | -2.20 | 18.16 | <=33.01 | Pass |
|  |                                          | 25 | 0  | 20.26 | -2.20 | 18.06 | <=33.01 | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |    |    |       |       |       |         |      |

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      | 23.03                 | -2.20      | 20.83      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.01                 | -2.20      | 20.81      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.94                 | -2.20      | 20.74      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.05                 | -2.20      | 19.85      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.12                 | -2.20      | 19.92      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.08                 | -2.20      | 19.88      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.08                 | -2.20      | 19.88      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 23.39                 | -2.20      | 21.19      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.40                 | -2.20      | 21.20      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.45                 | -2.20      | 21.25      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.41                 | -2.20      | 20.21      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.41                 | -2.20      | 20.21      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.49                 | -2.20      | 20.29      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.40                 | -2.20      | 20.20      | <=33.01 | Pass    |
|                                   | 2565            | 1             | 0      | 23.55                 | -2.20      | 21.35      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.51                 | -2.20      | 21.31      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.49                 | -2.20      | 21.29      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.52                 | -2.20      | 20.32      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.57                 | -2.20      | 20.37      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.62                 | -2.20      | 20.42      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.51                 | -2.20      | 20.31      | <=33.01 | Pass    |
| 16QAM                             | 2505            | 1             | 0      | 22.26                 | -2.20      | 20.06      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.19                 | -2.20      | 19.99      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.23                 | -2.20      | 20.03      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.08                 | -2.20      | 18.88      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.19                 | -2.20      | 18.99      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.06                 | -2.20      | 18.86      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.09                 | -2.20      | 18.89      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 22.54                 | -2.20      | 20.34      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.59                 | -2.20      | 20.39      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.56                 | -2.20      | 20.36      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.41                 | -2.20      | 19.21      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.43                 | -2.20      | 19.23      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.48                 | -2.20      | 19.28      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.36                 | -2.20      | 19.16      | <=33.01 | Pass    |
|                                   | 2565            | 1             | 0      | 22.68                 | -2.20      | 20.48      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.74                 | -2.20      | 20.54      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.73                 | -2.20      | 20.53      | <=33.01 | Pass    |

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|       |      |    |    |       |       |       |         |      |
|-------|------|----|----|-------|-------|-------|---------|------|
| 64QAM | 2505 | 25 | 0  | 21.54 | -2.20 | 19.34 | <=33.01 | Pass |
|       |      |    | 13 | 21.60 | -2.20 | 19.40 | <=33.01 | Pass |
|       |      |    | 25 | 21.67 | -2.20 | 19.47 | <=33.01 | Pass |
|       |      | 50 | 0  | 21.54 | -2.20 | 19.34 | <=33.01 | Pass |
|       |      |    | 0  | 20.76 | -2.20 | 18.56 | <=33.01 | Pass |
|       |      |    | 25 | 20.90 | -2.20 | 18.70 | <=33.01 | Pass |
|       |      | 1  | 49 | 20.74 | -2.20 | 18.54 | <=33.01 | Pass |
|       |      |    | 0  | 19.77 | -2.20 | 17.57 | <=33.01 | Pass |
|       |      |    | 13 | 19.79 | -2.20 | 17.59 | <=33.01 | Pass |
|       |      | 25 | 25 | 19.74 | -2.20 | 17.54 | <=33.01 | Pass |
|       |      |    | 0  | 19.78 | -2.20 | 17.58 | <=33.01 | Pass |
|       |      |    | 0  | 19.78 | -2.20 | 17.58 | <=33.01 | Pass |
|       | 2535 | 1  | 0  | 21.23 | -2.20 | 19.03 | <=33.01 | Pass |
|       |      |    | 25 | 21.31 | -2.20 | 19.11 | <=33.01 | Pass |
|       |      |    | 49 | 21.29 | -2.20 | 19.09 | <=33.01 | Pass |
|       |      | 25 | 0  | 20.09 | -2.20 | 17.89 | <=33.01 | Pass |
|       |      |    | 13 | 20.10 | -2.20 | 17.90 | <=33.01 | Pass |
|       |      |    | 25 | 20.17 | -2.20 | 17.97 | <=33.01 | Pass |
|       |      | 50 | 0  | 20.13 | -2.20 | 17.93 | <=33.01 | Pass |
|       |      |    | 0  | 21.41 | -2.20 | 19.21 | <=33.01 | Pass |
|       |      |    | 25 | 21.52 | -2.20 | 19.32 | <=33.01 | Pass |
|       |      | 1  | 49 | 21.45 | -2.20 | 19.25 | <=33.01 | Pass |
|       |      |    | 0  | 20.20 | -2.20 | 18.00 | <=33.01 | Pass |
|       |      |    | 13 | 20.23 | -2.20 | 18.03 | <=33.01 | Pass |
|       | 2565 | 25 | 25 | 20.30 | -2.20 | 18.10 | <=33.01 | Pass |
|       |      |    | 0  | 20.25 | -2.20 | 18.05 | <=33.01 | Pass |
|       |      |    | 0  | 20.25 | -2.20 | 18.05 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B7\_15MHz\_EIRP

| Band: 7 / Bandwidth: 15MHz / NTN |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 2507.5          | 1             | 0      | 22.99                 | -2.20      | 20.79      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 22.95                 | -2.20      | 20.75      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 22.89                 | -2.20      | 20.69      | <=33.01 | Pass    |
|                                  |                 | 36            | 0      | 22.02                 | -2.20      | 19.82      | <=33.01 | Pass    |
|                                  |                 |               | 18     | 22.07                 | -2.20      | 19.87      | <=33.01 | Pass    |
|                                  |                 |               | 39     | 22.02                 | -2.20      | 19.82      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 22.02                 | -2.20      | 19.82      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 23.37                 | -2.20      | 21.17      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 23.41                 | -2.20      | 21.21      | <=33.01 | Pass    |
|                                  |                 | 1             | 74     | 23.45                 | -2.20      | 21.25      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.37                 | -2.20      | 20.17      | <=33.01 | Pass    |
|                                  |                 |               | 18     | 22.40                 | -2.20      | 20.20      | <=33.01 | Pass    |
|                                  | 2535            | 36            | 39     | 22.48                 | -2.20      | 20.28      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.36                 | -2.20      | 20.16      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.36                 | -2.20      | 20.16      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 22.36                 | -2.20      | 20.16      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 23.51                 | -2.20      | 21.31      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 23.52                 | -2.20      | 21.32      | <=33.01 | Pass    |
|                                  |                 | 1             | 74     | 23.49                 | -2.20      | 21.29      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.54                 | -2.20      | 20.34      | <=33.01 | Pass    |
|                                  |                 |               | 18     | 22.59                 | -2.20      | 20.39      | <=33.01 | Pass    |
|                                  |                 | 36            | 39     | 22.58                 | -2.20      | 20.38      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.57                 | -2.20      | 20.37      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.57                 | -2.20      | 20.37      | <=33.01 | Pass    |
| 16QAM                            | 2507.5          | 1             | 0      | 22.20                 | -2.20      | 20.00      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 22.11                 | -2.20      | 19.91      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 22.11                 | -2.20      | 19.91      | <=33.01 | Pass    |
|                                  |                 | 36            | 0      | 21.04                 | -2.20      | 18.84      | <=33.01 | Pass    |
|                                  |                 |               | 18     | 21.06                 | -2.20      | 18.86      | <=33.01 | Pass    |
|                                  |                 |               | 39     | 21.03                 | -2.20      | 18.83      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 21.10                 | -2.20      | 18.90      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.46                 | -2.20      | 20.26      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 22.60                 | -2.20      | 20.40      | <=33.01 | Pass    |
|                                  | 2535            | 1             | 0      | 22.46                 | -2.20      | 20.26      | <=33.01 | Pass    |
|                                  |                 |               | 38     | 22.60                 | -2.20      | 20.40      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 22.60                 | -2.20      | 20.40      | <=33.01 | Pass    |

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|       |        |    |    |       |       |       |         |      |
|-------|--------|----|----|-------|-------|-------|---------|------|
| 64QAM | 2562.5 | 36 | 74 | 22.68 | -2.20 | 20.48 | <=33.01 | Pass |
|       |        |    | 0  | 21.40 | -2.20 | 19.20 | <=33.01 | Pass |
|       |        |    | 18 | 21.42 | -2.20 | 19.22 | <=33.01 | Pass |
|       |        |    | 39 | 21.48 | -2.20 | 19.28 | <=33.01 | Pass |
|       |        | 75 | 0  | 21.39 | -2.20 | 19.19 | <=33.01 | Pass |
|       |        |    | 0  | 22.65 | -2.20 | 20.45 | <=33.01 | Pass |
|       |        | 1  | 38 | 22.62 | -2.20 | 20.42 | <=33.01 | Pass |
|       |        |    | 74 | 22.75 | -2.20 | 20.55 | <=33.01 | Pass |
|       |        |    | 0  | 21.51 | -2.20 | 19.31 | <=33.01 | Pass |
|       |        | 36 | 18 | 21.59 | -2.20 | 19.39 | <=33.01 | Pass |
|       |        |    | 39 | 21.61 | -2.20 | 19.41 | <=33.01 | Pass |
|       |        | 75 | 0  | 21.62 | -2.20 | 19.42 | <=33.01 | Pass |
|       | 2507.5 | 1  | 0  | 20.78 | -2.20 | 18.58 | <=33.01 | Pass |
|       |        |    | 38 | 20.82 | -2.20 | 18.62 | <=33.01 | Pass |
|       |        |    | 74 | 20.84 | -2.20 | 18.64 | <=33.01 | Pass |
|       |        | 36 | 0  | 19.75 | -2.20 | 17.55 | <=33.01 | Pass |
|       |        |    | 18 | 19.72 | -2.20 | 17.52 | <=33.01 | Pass |
|       |        |    | 39 | 19.67 | -2.20 | 17.47 | <=33.01 | Pass |
|       |        | 75 | 0  | 19.75 | -2.20 | 17.55 | <=33.01 | Pass |
|       |        |    | 0  | 21.19 | -2.20 | 18.99 | <=33.01 | Pass |
|       |        | 1  | 38 | 21.29 | -2.20 | 19.09 | <=33.01 | Pass |
|       |        |    | 74 | 21.27 | -2.20 | 19.07 | <=33.01 | Pass |
|       |        | 36 | 0  | 20.07 | -2.20 | 17.87 | <=33.01 | Pass |
|       |        |    | 18 | 20.12 | -2.20 | 17.92 | <=33.01 | Pass |
|       |        |    | 39 | 20.13 | -2.20 | 17.93 | <=33.01 | Pass |
|       |        | 75 | 0  | 20.11 | -2.20 | 17.91 | <=33.01 | Pass |
|       | 2535   | 1  | 0  | 21.33 | -2.20 | 19.13 | <=33.01 | Pass |
|       |        |    | 38 | 21.30 | -2.20 | 19.10 | <=33.01 | Pass |
|       |        |    | 74 | 21.32 | -2.20 | 19.12 | <=33.01 | Pass |
|       |        | 36 | 0  | 20.19 | -2.20 | 17.99 | <=33.01 | Pass |
|       |        |    | 18 | 20.29 | -2.20 | 18.09 | <=33.01 | Pass |
|       |        |    | 39 | 20.23 | -2.20 | 18.03 | <=33.01 | Pass |
|       |        | 75 | 0  | 20.28 | -2.20 | 18.08 | <=33.01 | Pass |
|       |        |    | 0  | 20.28 | -2.20 | 18.08 | <=33.01 | Pass |
|       |        | 36 | 18 | 20.29 | -2.20 | 18.09 | <=33.01 | Pass |
|       |        |    | 39 | 20.23 | -2.20 | 18.03 | <=33.01 | Pass |
|       |        | 75 | 0  | 20.28 | -2.20 | 18.08 | <=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      | 23.08                 | -2.20      | 20.88      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.97                 | -2.20      | 20.77      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 23.19                 | -2.20      | 20.99      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.04                 | -2.20      | 19.84      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.09                 | -2.20      | 19.89      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.06                 | -2.20      | 19.86      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 22.09                 | -2.20      | 19.89      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 22.09                 | -2.20      | 19.89      | <=33.01 | Pass    |
|                                   |                 | 1             | 0      | 23.34                 | -2.20      | 21.14      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 23.36                 | -2.20      | 21.16      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 23.45                 | -2.20      | 21.25      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.43                 | -2.20      | 20.23      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.44                 | -2.20      | 20.24      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.50                 | -2.20      | 20.30      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 22.40                 | -2.20      | 20.20      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 23.56                 | -2.20      | 21.36      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 23.49                 | -2.20      | 21.29      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 23.49                 | -2.20      | 21.29      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.60                 | -2.20      | 20.40      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.54                 | -2.20      | 20.34      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.60                 | -2.20      | 20.40      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 22.54                 | -2.20      | 20.34      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 22.54                 | -2.20      | 20.34      | <=33.01 | Pass    |
|                                   |                 | 1             | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |
| 16QAM                             | 2510            | 1             | 0      | 22.21                 | -2.20      | 20.01      | <=33.01 | Pass    |

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|       |      |     |     |       |       |       |         |      |
|-------|------|-----|-----|-------|-------|-------|---------|------|
| 64QAM | 2535 | 50  | 50  | 22.13 | -2.20 | 19.93 | <=33.01 | Pass |
|       |      |     | 99  | 22.21 | -2.20 | 20.01 | <=33.01 | Pass |
|       |      |     | 0   | 21.04 | -2.20 | 18.84 | <=33.01 | Pass |
|       |      | 25  | 25  | 21.10 | -2.20 | 18.90 | <=33.01 | Pass |
|       |      |     | 50  | 21.12 | -2.20 | 18.92 | <=33.01 | Pass |
|       |      |     | 100 | 0     | 21.10 | 18.90 | <=33.01 | Pass |
|       |      | 1   | 0   | 22.56 | -2.20 | 20.36 | <=33.01 | Pass |
|       |      |     | 50  | 22.50 | -2.20 | 20.30 | <=33.01 | Pass |
|       |      |     | 99  | 22.65 | -2.20 | 20.45 | <=33.01 | Pass |
|       |      | 50  | 0   | 21.42 | -2.20 | 19.22 | <=33.01 | Pass |
|       |      |     | 25  | 21.49 | -2.20 | 19.29 | <=33.01 | Pass |
|       |      |     | 50  | 21.53 | -2.20 | 19.33 | <=33.01 | Pass |
|       |      | 100 | 0   | 21.44 | -2.20 | 19.24 | <=33.01 | Pass |
|       | 2560 | 1   | 0   | 22.79 | -2.20 | 20.59 | <=33.01 | Pass |
|       |      |     | 50  | 22.59 | -2.20 | 20.39 | <=33.01 | Pass |
|       |      |     | 99  | 22.55 | -2.20 | 20.35 | <=33.01 | Pass |
|       |      | 50  | 0   | 21.60 | -2.20 | 19.40 | <=33.01 | Pass |
|       |      |     | 25  | 21.57 | -2.20 | 19.37 | <=33.01 | Pass |
|       |      |     | 50  | 21.58 | -2.20 | 19.38 | <=33.01 | Pass |
|       |      | 100 | 0   | 21.54 | -2.20 | 19.34 | <=33.01 | Pass |
|       |      |     | 0   | 20.82 | -2.20 | 18.62 | <=33.01 | Pass |
|       |      |     | 50  | 20.88 | -2.20 | 18.68 | <=33.01 | Pass |
|       |      |     | 99  | 20.89 | -2.20 | 18.69 | <=33.01 | Pass |
|       |      | 50  | 0   | 19.73 | -2.20 | 17.53 | <=33.01 | Pass |
|       |      |     | 25  | 19.75 | -2.20 | 17.55 | <=33.01 | Pass |
|       |      |     | 50  | 19.71 | -2.20 | 17.51 | <=33.01 | Pass |
|       |      | 100 | 0   | 19.79 | -2.20 | 17.59 | <=33.01 | Pass |
| 64QAM | 2510 | 1   | 0   | 21.19 | -2.20 | 18.99 | <=33.01 | Pass |
|       |      |     | 50  | 21.23 | -2.20 | 19.03 | <=33.01 | Pass |
|       |      |     | 99  | 21.26 | -2.20 | 19.06 | <=33.01 | Pass |
|       |      | 50  | 0   | 20.09 | -2.20 | 17.89 | <=33.01 | Pass |
|       |      |     | 25  | 20.08 | -2.20 | 17.88 | <=33.01 | Pass |
|       |      |     | 50  | 20.18 | -2.20 | 17.98 | <=33.01 | Pass |
|       |      | 100 | 0   | 20.09 | -2.20 | 17.89 | <=33.01 | Pass |
|       |      |     | 0   | 21.44 | -2.20 | 19.24 | <=33.01 | Pass |
|       |      |     | 50  | 21.46 | -2.20 | 19.26 | <=33.01 | Pass |
|       |      |     | 99  | 21.38 | -2.20 | 19.18 | <=33.01 | Pass |
|       |      | 50  | 0   | 20.25 | -2.20 | 18.05 | <=33.01 | Pass |
|       |      |     | 25  | 20.22 | -2.20 | 18.02 | <=33.01 | Pass |
|       |      |     | 50  | 20.23 | -2.20 | 18.03 | <=33.01 | Pass |
|       |      | 100 | 0   | 20.20 | -2.20 | 18.00 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 2502.5          | 25            | 0      | 20         | 3.27          | -0.744           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -0.601           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 0.758            | 0.0003                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -0.830           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.515           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -0.486           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -0.114           | 0.0000                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 0.529            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -1.001           | -0.0004               | -2.5 to 2.5 | Pass    |

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|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | 40  | 3.85 | 0.114  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 1.459  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 1.073  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.572  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.101  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 1.516  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.930  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.286 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.687  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 1.502  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -1.874 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.087 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -2.332 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.014 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.531 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.916 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.672 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.329  | 0.0001  | -2.5 to 2.5 | Pass |
| 16QAM | 2502.5 | 25 | 0 | 20  | 3.27 | 0.272  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.501 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.159 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.787 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.116 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.844 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.772 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.343  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.502 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.916 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.674 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 2535   | 25 | 0 | 20  | 3.27 | 0.815  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.315  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 1.988  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.860  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.529  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.159  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 1.030  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.858  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.059  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 1.402  | 0.0006  | -2.5 to 2.5 | Pass |
|       | 2567.5 | 25 | 0 | 20  | 3.27 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.672  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.772 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.744  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.558  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.515 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.300  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.515 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 1.330  | 0.0005  | -2.5 to 2.5 | Pass |
| 64QAM | 2502.5 | 25 | 0 | 20  | 3.27 | -1.402 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -2.103 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.559 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.987 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.001 | -0.0004 | -2.5 to 2.5 | Pass |

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|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   | -10 | 3.85 | -1.144 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -1.445 | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | -1.473 | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -0.958 | -0.0004 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -1.130 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
|  | 2535   | 25 | 0 | 20  | 3.27 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.85 | -0.358 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.43 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | 0.772  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | 1.316  | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | 2.232  | 0.0009  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | 0.429  | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | 1.030  | 0.0004  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -0.815 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | 1.001  | 0.0004  | -2.5 to 2.5 | Pass |
|  | 2567.5 | 25 | 0 | 20  | 3.27 | -0.329 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.85 | -0.358 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.43 | -0.916 | -0.0004 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | -0.615 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | -1.359 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | -1.159 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | 0.844  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | 0.057  | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -0.501 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | 0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -0.930 | -0.0004 | -2.5 to 2.5 | Pass |

## 2.1.2 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                       | 2505            | 50            | 0      | 20         | 3.27          | -0.358           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.159           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.286           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.087           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.930           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -0.958           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -0.801           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -1.116           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -2.060           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            | 2535            | 50            | 0      | 20         | 3.27          | -1.330           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.817           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.189           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.129            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -2.446           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.287           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.901           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.845           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -1.416           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.901           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -1.459           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            | 2565            | 50            | 0      | 20         | 3.27          | 0.386            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.486           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.243            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.329           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -1.874           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.001           | -0.0004               | -2.5 to 2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

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|       |      |    |   |     |      |        |         |             |      |
|-------|------|----|---|-----|------|--------|---------|-------------|------|
|       |      |    |   | 0   | 3.85 | -0.658 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -0.587 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -0.901 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | 1.273  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | 1.030  | 0.0004  | -2.5 to 2.5 | Pass |
| 16QAM | 2505 | 50 | 0 | 20  | 3.27 | -1.159 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -0.873 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -2.089 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -1.230 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -1.616 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -2.332 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -3.190 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -1.802 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -0.744 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | -0.730 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -1.001 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -2.503 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -2.017 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -1.917 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -2.761 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -1.087 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -1.974 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -1.316 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -1.030 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -1.731 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | -0.701 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.014 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | 0.629  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -0.658 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -0.558 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -0.529 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -1.316 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -0.744 | -0.0003 | -2.5 to 2.5 | Pass |
| 64QAM | 2505 | 50 | 0 | 20  | 3.27 | -1.373 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.844 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -0.701 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -1.459 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -0.515 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -2.317 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -0.858 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -1.903 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -1.473 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -1.988 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | -0.787 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -1.130 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -2.289 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -2.561 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -2.346 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -2.332 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -1.144 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -0.572 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -0.458 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -1.559 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | 1.502  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |



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|  |  |  |  |     |      |        |         |             |      |
|--|--|--|--|-----|------|--------|---------|-------------|------|
|  |  |  |  |     | 4.43 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|  |  |  |  | -30 | 3.85 | -0.086 | 0.0000  | -2.5 to 2.5 | Pass |
|  |  |  |  | -20 | 3.85 | 1.173  | 0.0005  | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 3.85 | -0.730 | -0.0003 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 3.85 | 0.658  | 0.0003  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 3.85 | 0.358  | 0.0001  | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 3.85 | 0.544  | 0.0002  | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 3.85 | -0.572 | -0.0002 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 3.85 | -0.587 | -0.0002 | -2.5 to 2.5 | Pass |

### 2.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2507.5          | 75            | 0      | 20         | 3.27          | -0.243           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.329            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.772            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 1.159            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.587            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 0.687            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.930           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 1.917            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.330            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.860            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 1.645            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            | 2535            | 75            | 0      | 20         | 3.27          | -1.888           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.173           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.003           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -1.488           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -1.087           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -0.916           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -1.874           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.888           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -0.730           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.272           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.558           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            | 2562.5          | 75            | 0      | 20         | 3.27          | -2.246           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -2.060           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.974           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -1.702           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -2.232           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.216           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -2.847           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -2.918           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -2.918           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -2.646           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -3.119           | -0.0012               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 2507.5          | 75            | 0      | 20         | 3.27          | 0.544            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 1.516            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.788            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 1.016            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 0.887            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.143            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 0.472            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.272            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 0.601            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            | 2535            | 75            | 0      | 20         | 3.27          | -1.273           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.873           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.187           | -0.0005               | -2.5 to 2.5 | Pass    |

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|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | -30 | 3.85 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.187 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.715 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.016 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.559 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -3.591 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -2.475 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.874 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 2562.5 | 75 | 0 | 20  | 3.27 | -2.875 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -3.319 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -2.918 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -1.788 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -3.104 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.988 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -2.818 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -3.877 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -3.934 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -4.334 | -0.0017 | -2.5 to 2.5 | Pass |
| 64QAM | 2507.5 | 75 | 0 | 20  | 3.27 | 0.916  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.887  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 2.146  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.616  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.431  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 1.545  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.572 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.572  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.157  | 0.0001  | -2.5 to 2.5 | Pass |
|       | 2535   | 75 | 0 | 20  | 3.27 | -1.001 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -1.717 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.888 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -1.731 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.717 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.503 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.144 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.345 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.472 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.086 | 0.0000  | -2.5 to 2.5 | Pass |
|       | 2562.5 | 75 | 0 | 20  | 3.27 | -2.203 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -2.031 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.616 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -2.375 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.488 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.203 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.860 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.330 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -2.847 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.345 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.473 | -0.0006 | -2.5 to 2.5 | Pass |

#### 2.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2510            | 100           | 0      | 20         | 3.27          | -1.130           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.830           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.273           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -1.216           | -0.0005               | -2.5 to 2.5 | Pass    |

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|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 2535 | 100 | 0 | -20 | 3.85 | -0.958 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -2.646 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -3.419 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -1.073 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -1.717 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -4.020 | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -4.649 | -0.0019 | -2.5 to 2.5 | Pass |
|       | 2560 | 100 | 0 | 20  | 3.27 | -0.758 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.059 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.501 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -1.130 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.945 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -2.246 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -2.475 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -3.061 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -2.131 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -2.403 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -0.572 | -0.0002 | -2.5 to 2.5 | Pass |
|       | 2510 | 100 | 0 | -30 | 3.85 | 0.801  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 1.159  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 1.030  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -1.316 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -0.114 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 1.388  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 0.243  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | -2.675 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -4.048 | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -2.689 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -3.376 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -1.860 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -3.834 | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -3.691 | -0.0015 | -2.5 to 2.5 | Pass |
|       | 2535 | 100 | 0 | 10  | 3.85 | -3.576 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -1.945 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -1.960 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -2.174 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | -0.629 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.431 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -1.259 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -1.187 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -1.073 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.059 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -1.345 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -2.146 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 2560 | 100 | 0 | 40  | 3.85 | -1.144 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -2.103 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | 1.302  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 0.672  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 1.802  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 0.644  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 0.944  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.315  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 0.114  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 1.302  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 3.219  | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.486  | 0.0002  | -2.5 to 2.5 | Pass |



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|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
| 64QAM | 2510 | 100 | 0 | 20  | 3.27 | -1.488 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -3.090 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -2.518 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -2.546 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -1.817 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.760 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -3.176 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -2.046 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -1.974 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -3.819 | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -3.533 | -0.0014 | -2.5 to 2.5 | Pass |
|       | 2535 | 100 | 0 | 20  | 3.27 | -2.460 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.802 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -2.160 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.472 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.873 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.259 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -0.257 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -0.629 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -1.874 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -1.659 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 2560 | 100 | 0 | 20  | 3.27 | -0.587 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 0.758  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 0.858  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 1.016  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 0.801  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 0.958  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.644  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 0.715  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 0.887  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -0.014 | 0.0000  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 64QAM                            | 2535            | 25            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 2535            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 2535            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 64QAM                             | 2535            | 50            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|
|-----------------------------------|--|--|--|--|--|--|

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| Modulation | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|------------|-----------------|---------------|--------|----------------------------|-------|---------|
|            |                 | Size          | Offset | Result                     | Limit |         |
| QPSK       | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM      | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 64QAM      | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 64QAM                             | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |

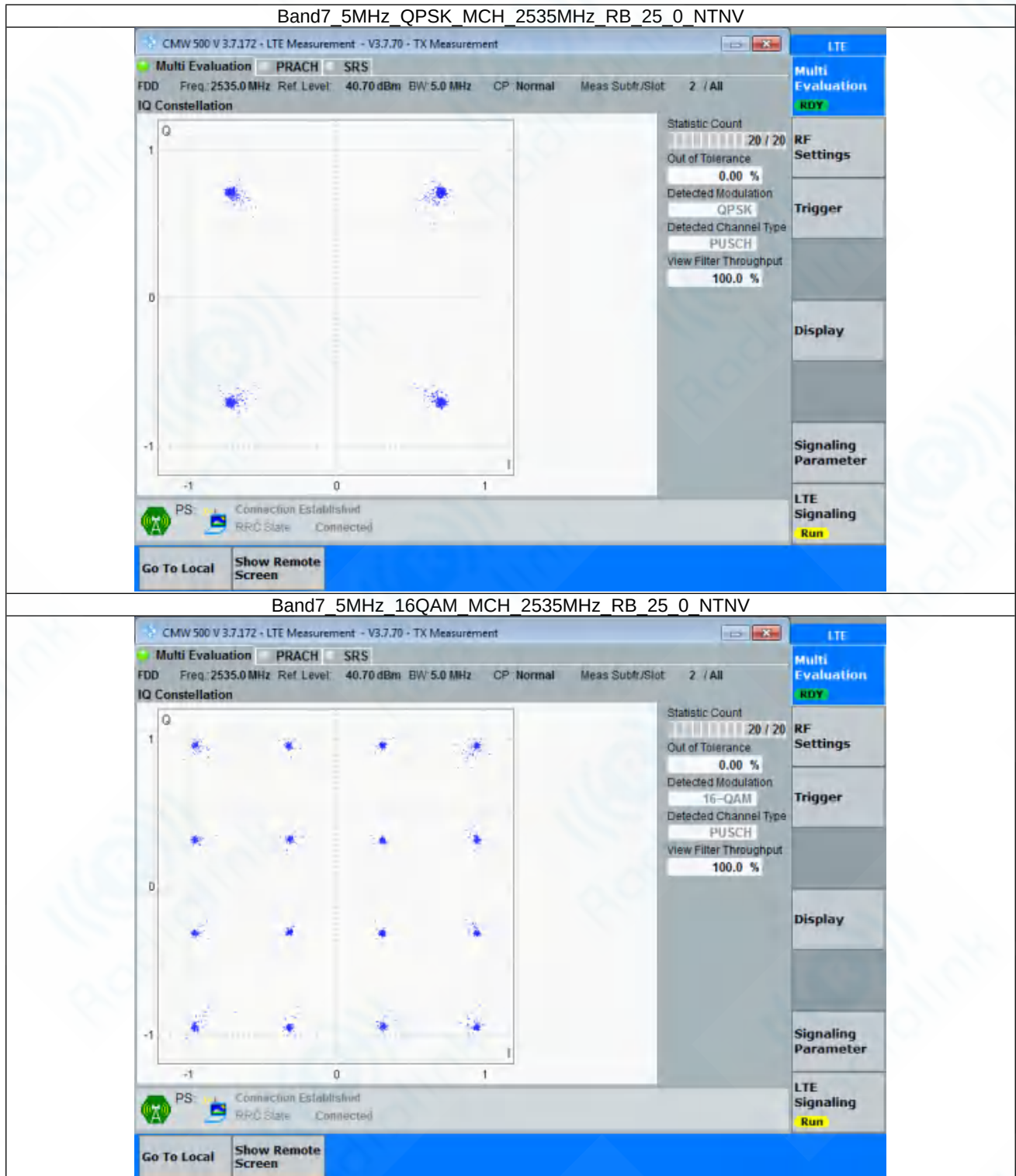


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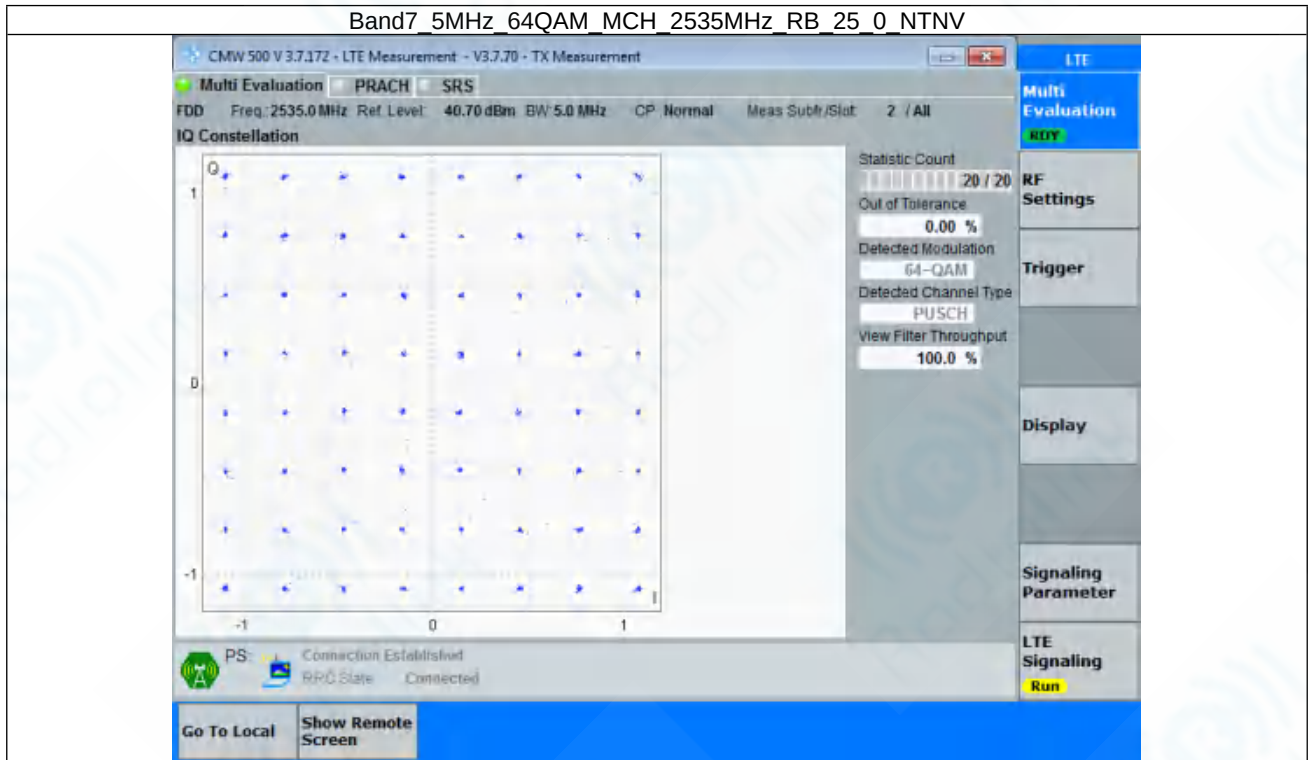
## 3.2 Test Graph

### 3.2.1 B7\_5MHz



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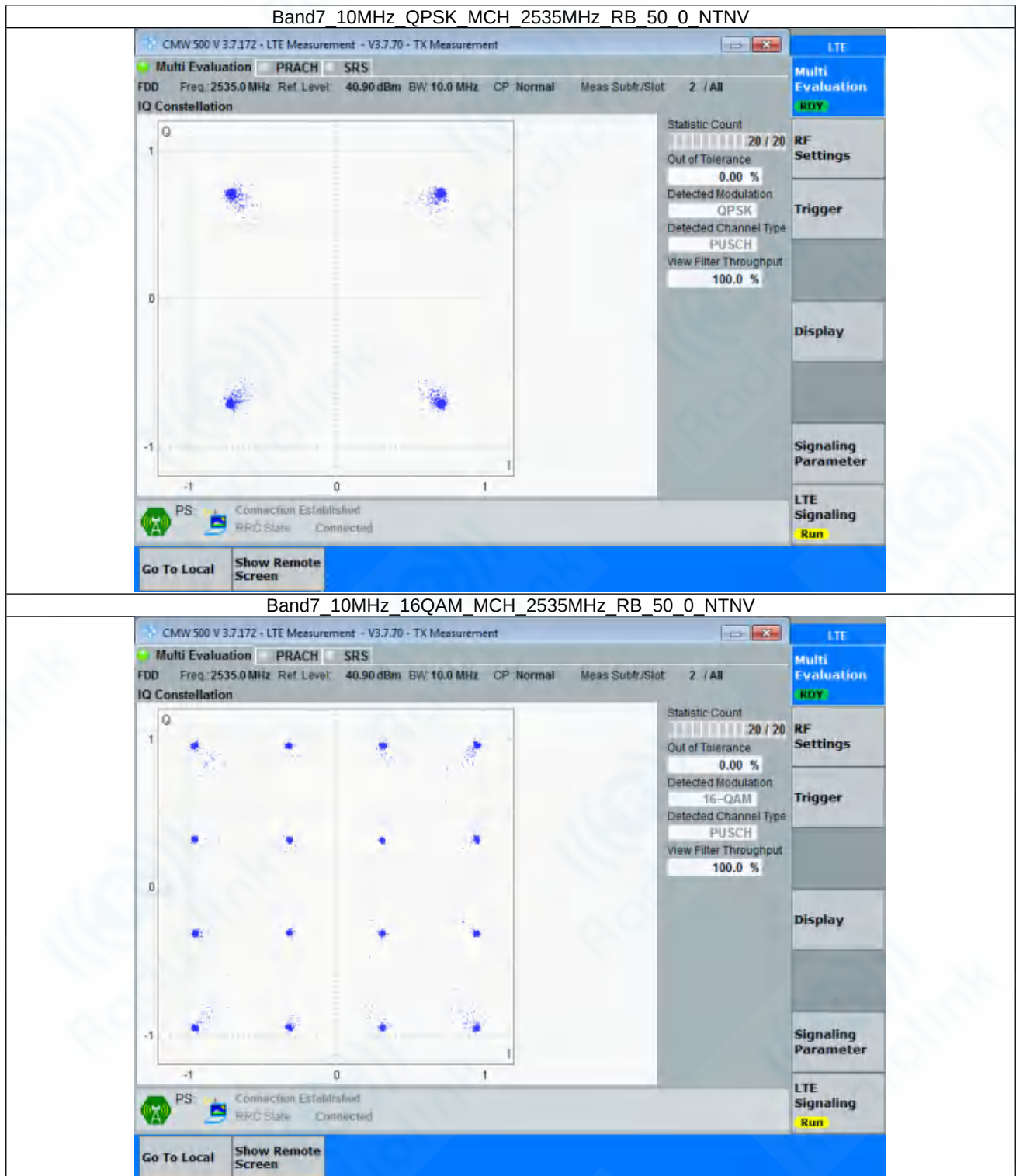
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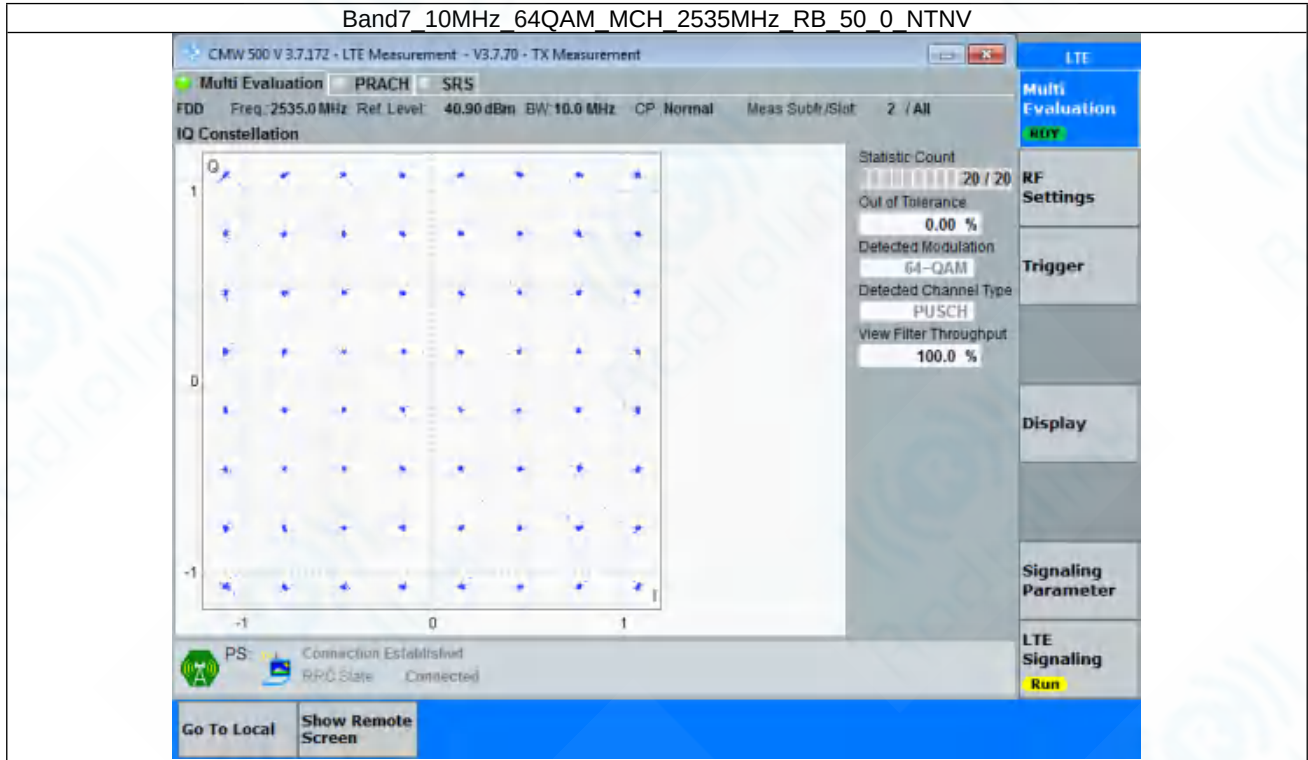
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### 3.2.2 B7\_10MHz

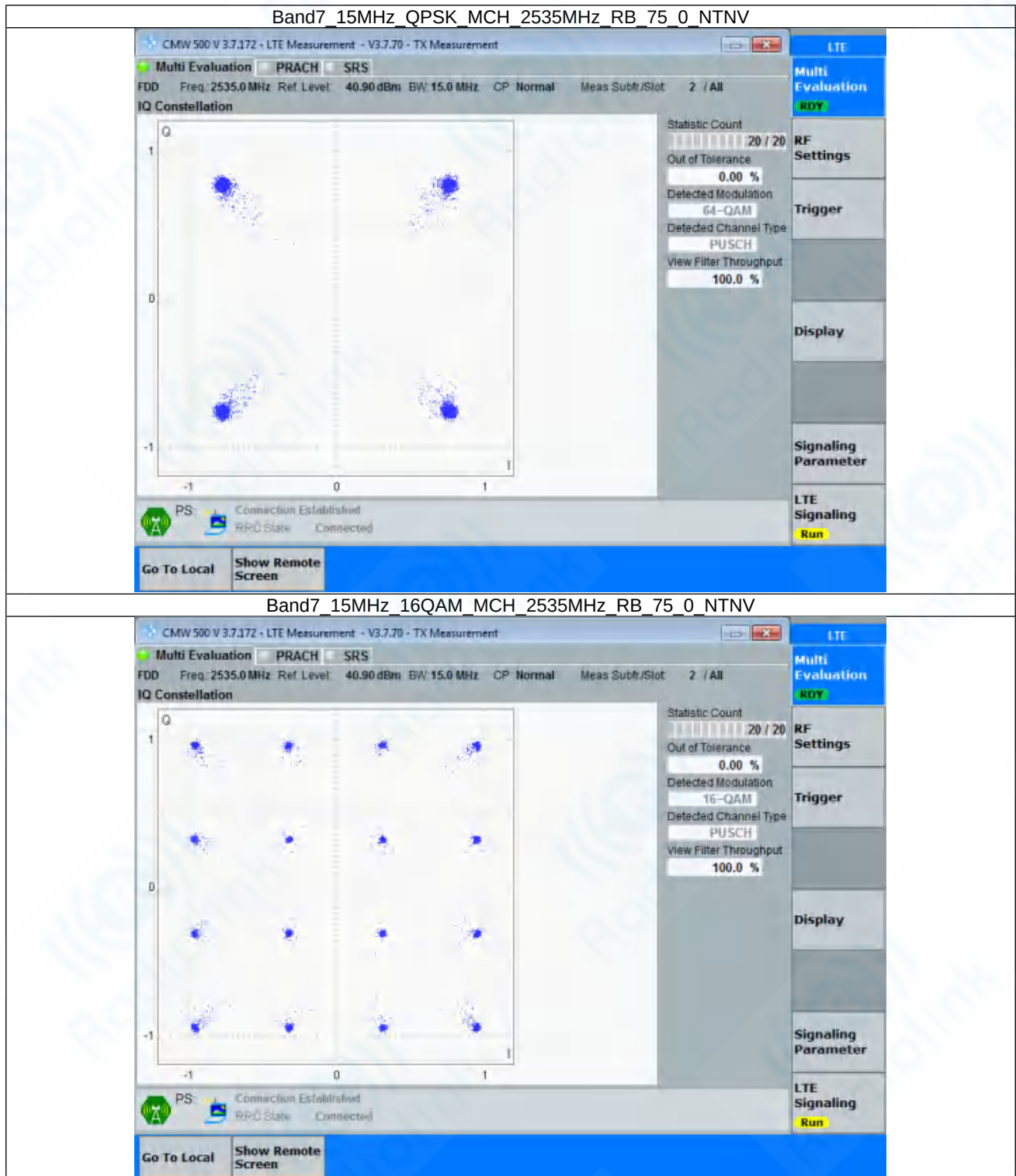


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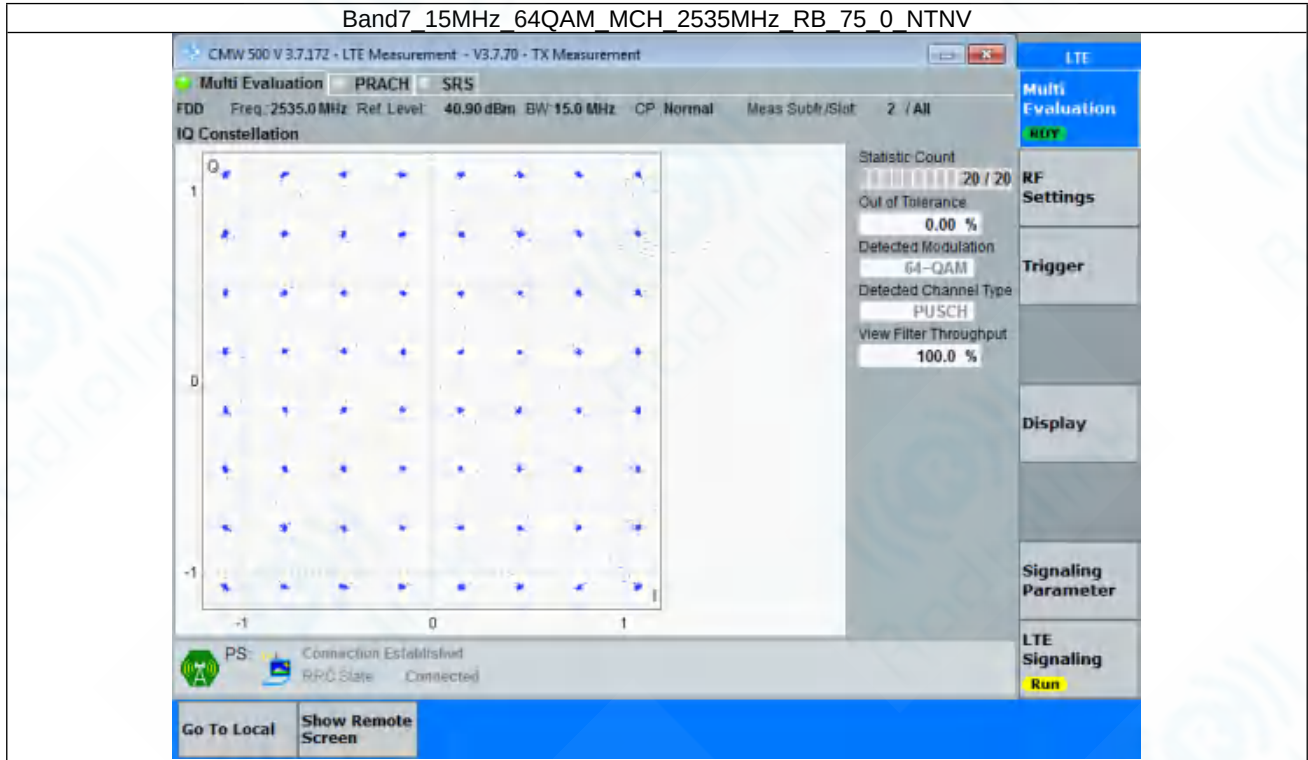


### 3.2.3 B7\_15MHz



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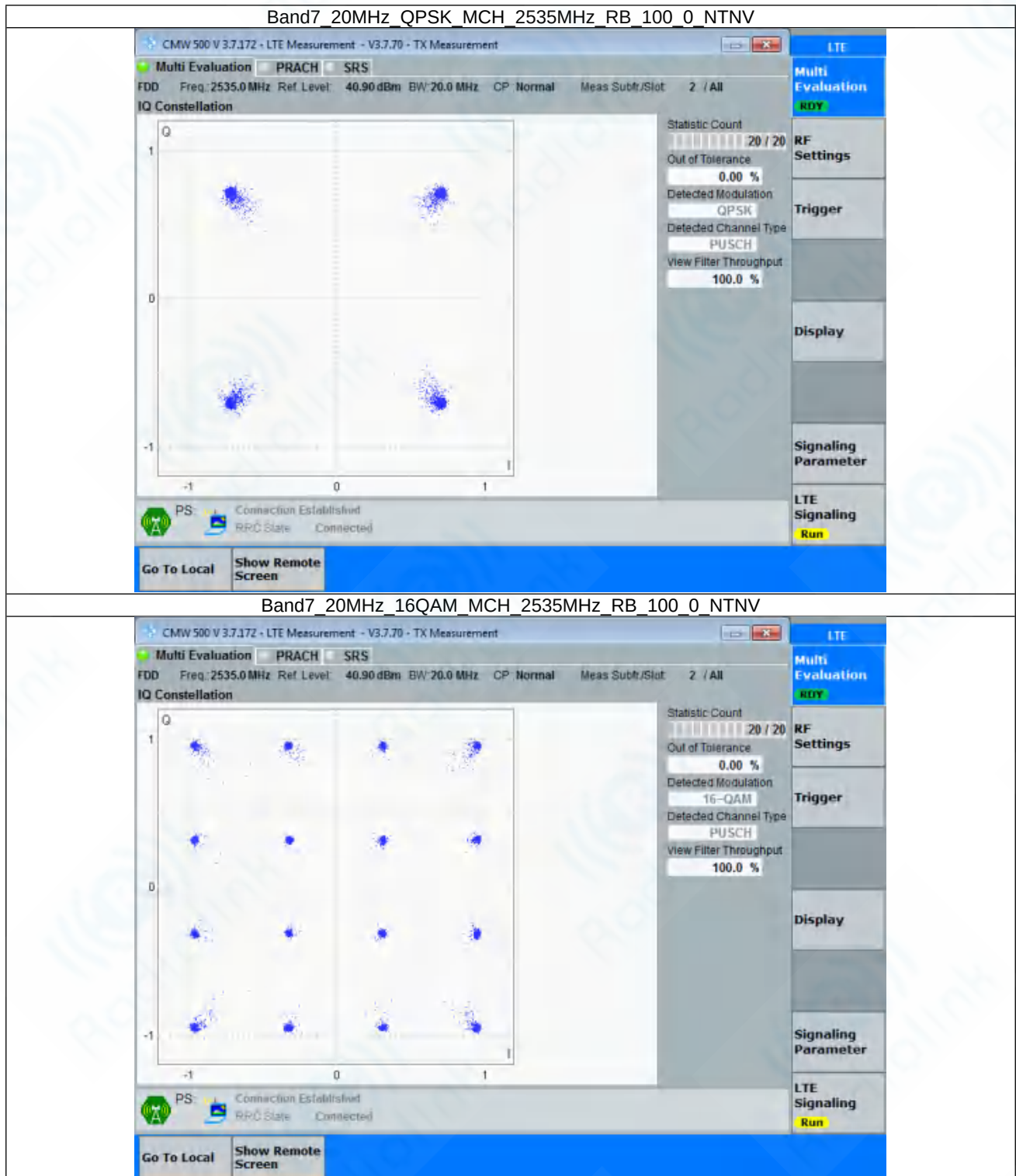


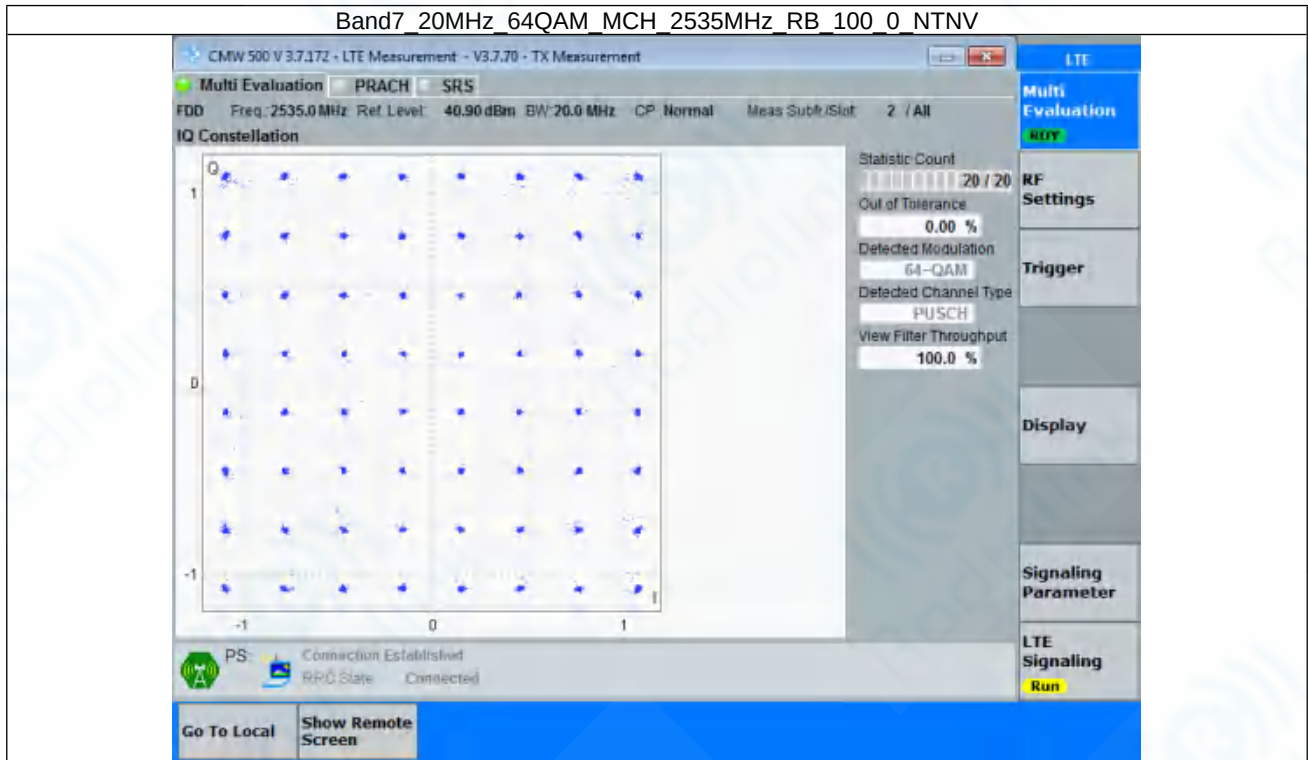
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### 3.2.4 B7\_20MHz





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## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band7\_OBW

| Band: 7 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 4.603                        | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 4.610                        | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.583                        | /     | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 4.606                        | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 4.607                        | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.589                        | /     | Pass    |
|                 | 64QAM      | 2502.5          | 25            | 0      | 4.606                        | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 4.588                        | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.601                        | /     | Pass    |
| 10              | QPSK       | 2505            | 50            | 0      | 9.055                        | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 9.071                        | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 9.100                        | /     | Pass    |
|                 | 16QAM      | 2505            | 50            | 0      | 9.057                        | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 9.049                        | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 9.060                        | /     | Pass    |
|                 | 64QAM      | 2505            | 50            | 0      | 9.062                        | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 9.092                        | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 9.070                        | /     | Pass    |
| 15              | QPSK       | 2507.5          | 75            | 0      | 14.065                       | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 14.077                       | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 14.089                       | /     | Pass    |
|                 | 16QAM      | 2507.5          | 75            | 0      | 14.024                       | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 14.063                       | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 14.060                       | /     | Pass    |
|                 | 64QAM      | 2507.5          | 75            | 0      | 14.024                       | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 14.019                       | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 14.036                       | /     | Pass    |
| 20              | QPSK       | 2510            | 100           | 0      | 18.418                       | /     | Pass    |
|                 |            | 2535            | 100           | 0      | 18.451                       | /     | Pass    |
|                 |            | 2560            | 100           | 0      | 18.379                       | /     | Pass    |
|                 | 16QAM      | 2510            | 100           | 0      | 18.359                       | /     | Pass    |
|                 |            | 2535            | 100           | 0      | 18.395                       | /     | Pass    |
|                 |            | 2560            | 100           | 0      | 18.415                       | /     | Pass    |
|                 | 64QAM      | 2510            | 100           | 0      | 18.391                       | /     | Pass    |
|                 |            | 2535            | 100           | 0      | 18.395                       | /     | Pass    |
|                 |            | 2560            | 100           | 0      | 18.390                       | /     | Pass    |

#### 4.1.2 Band7\_XDB

| Band: 7 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 5.346                | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 5.302                | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 5.275                | /     | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 5.346                | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 5.392                | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 5.257                | /     | Pass    |
|                 | 64QAM      | 2502.5          | 25            | 0      | 5.329                | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 5.272                | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 5.272                | /     | Pass    |

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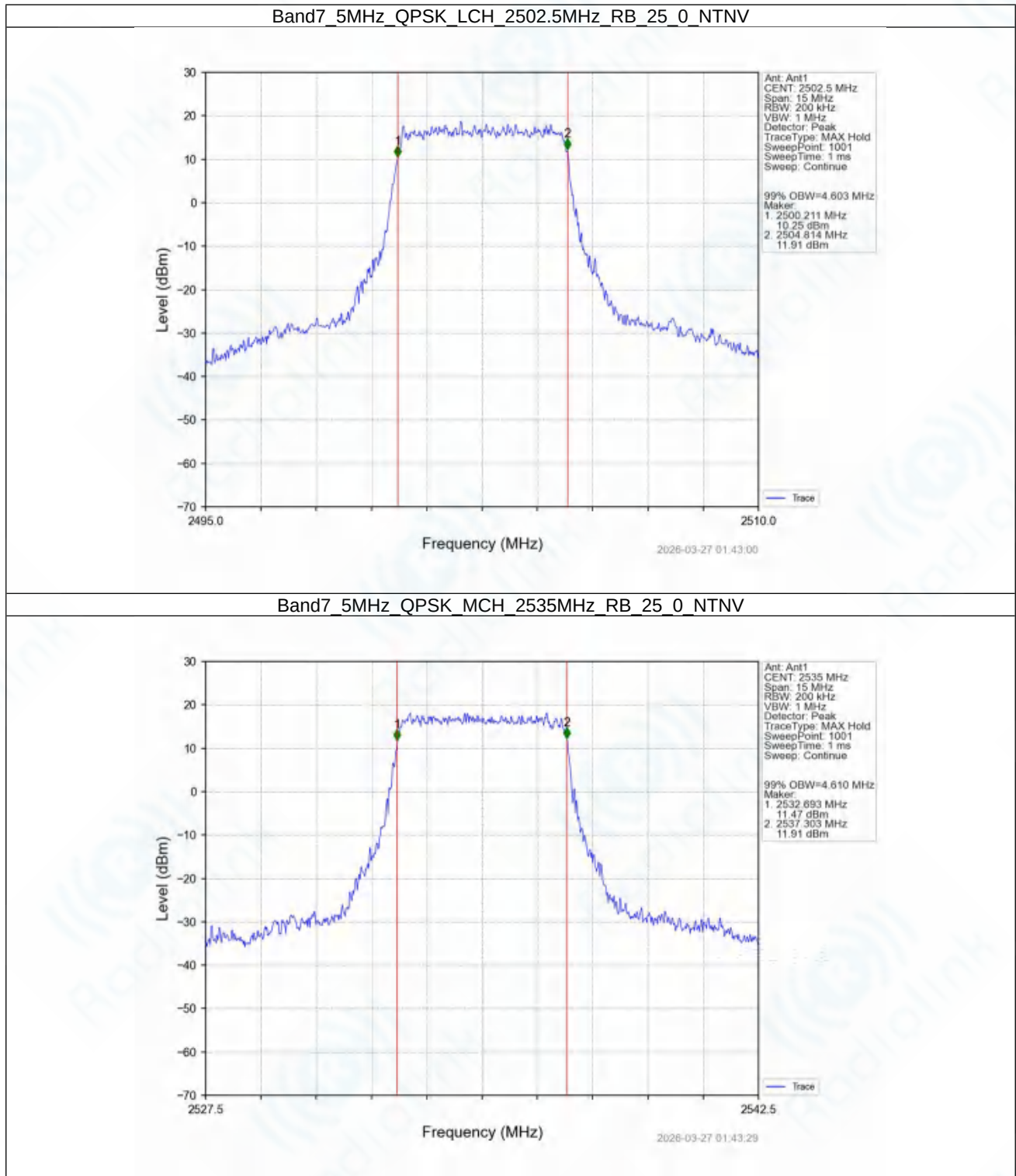
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|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    |       | 2567.5 | 25  | 0 | 5.311  | / | Pass |
| 10 | QPSK  | 2505   | 50  | 0 | 10.060 | / | Pass |
|    |       | 2535   | 50  | 0 | 10.165 | / | Pass |
|    |       | 2565   | 50  | 0 | 10.184 | / | Pass |
|    |       | 2505   | 50  | 0 | 9.972  | / | Pass |
|    | 16QAM | 2535   | 50  | 0 | 10.143 | / | Pass |
|    |       | 2565   | 50  | 0 | 10.140 | / | Pass |
|    |       | 2505   | 50  | 0 | 10.117 | / | Pass |
|    | 64QAM | 2535   | 50  | 0 | 10.176 | / | Pass |
|    |       | 2565   | 50  | 0 | 10.202 | / | Pass |
| 15 | QPSK  | 2507.5 | 75  | 0 | 16.119 | / | Pass |
|    |       | 2535   | 75  | 0 | 16.243 | / | Pass |
|    |       | 2562.5 | 75  | 0 | 16.026 | / | Pass |
|    | 16QAM | 2507.5 | 75  | 0 | 16.009 | / | Pass |
|    |       | 2535   | 75  | 0 | 16.087 | / | Pass |
|    |       | 2562.5 | 75  | 0 | 15.847 | / | Pass |
|    | 64QAM | 2507.5 | 75  | 0 | 16.065 | / | Pass |
|    |       | 2535   | 75  | 0 | 16.057 | / | Pass |
|    |       | 2562.5 | 75  | 0 | 16.040 | / | Pass |
| 20 | QPSK  | 2510   | 100 | 0 | 20.667 | / | Pass |
|    |       | 2535   | 100 | 0 | 20.681 | / | Pass |
|    |       | 2560   | 100 | 0 | 20.626 | / | Pass |
|    | 16QAM | 2510   | 100 | 0 | 20.805 | / | Pass |
|    |       | 2535   | 100 | 0 | 20.868 | / | Pass |
|    |       | 2560   | 100 | 0 | 20.597 | / | Pass |
|    | 64QAM | 2510   | 100 | 0 | 20.593 | / | Pass |
|    |       | 2535   | 100 | 0 | 20.581 | / | Pass |
|    |       | 2560   | 100 | 0 | 20.473 | / | Pass |

## 4.2 Test Graph

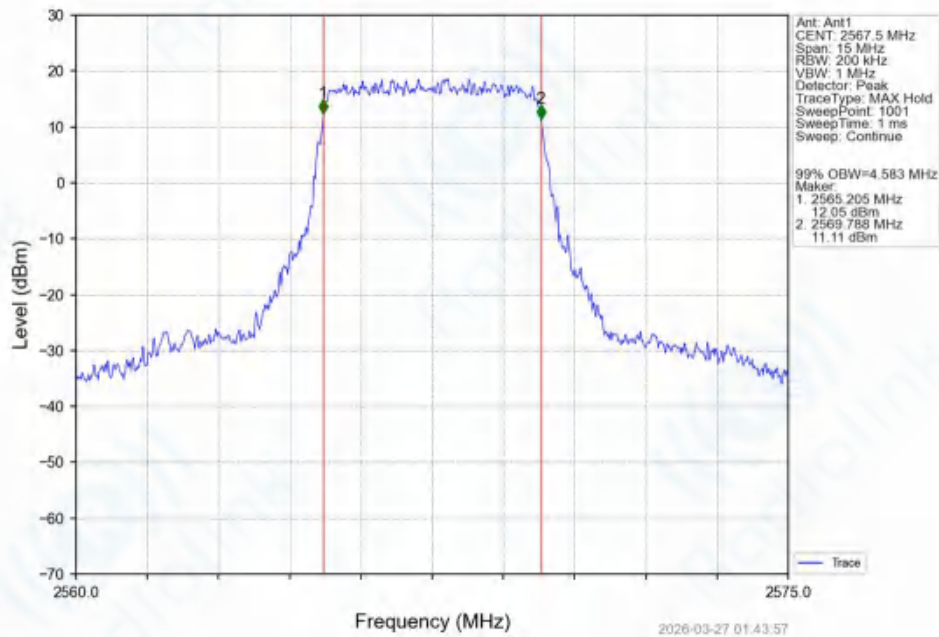
### 4.2.1 Band7\_OBW



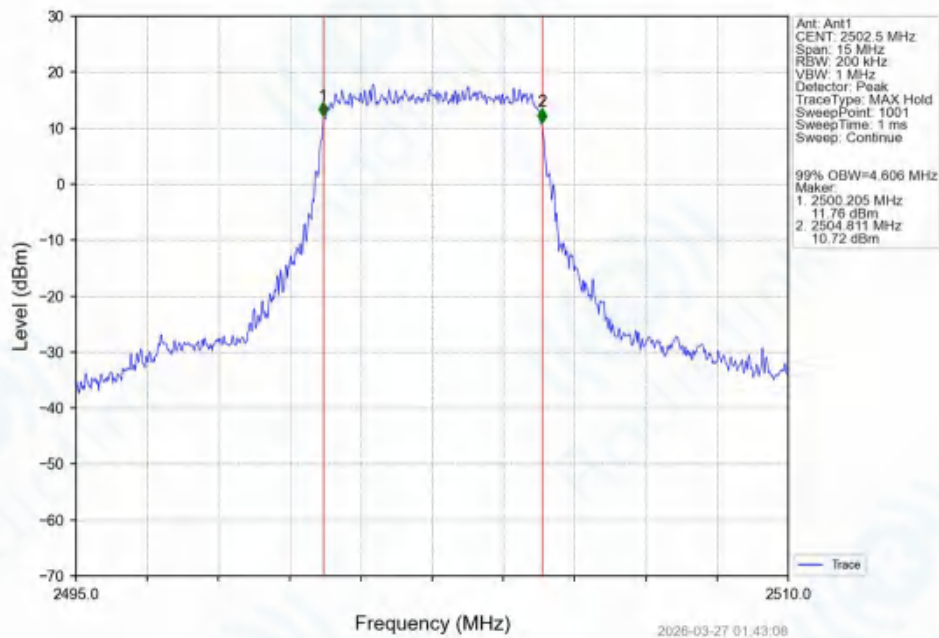
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Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV

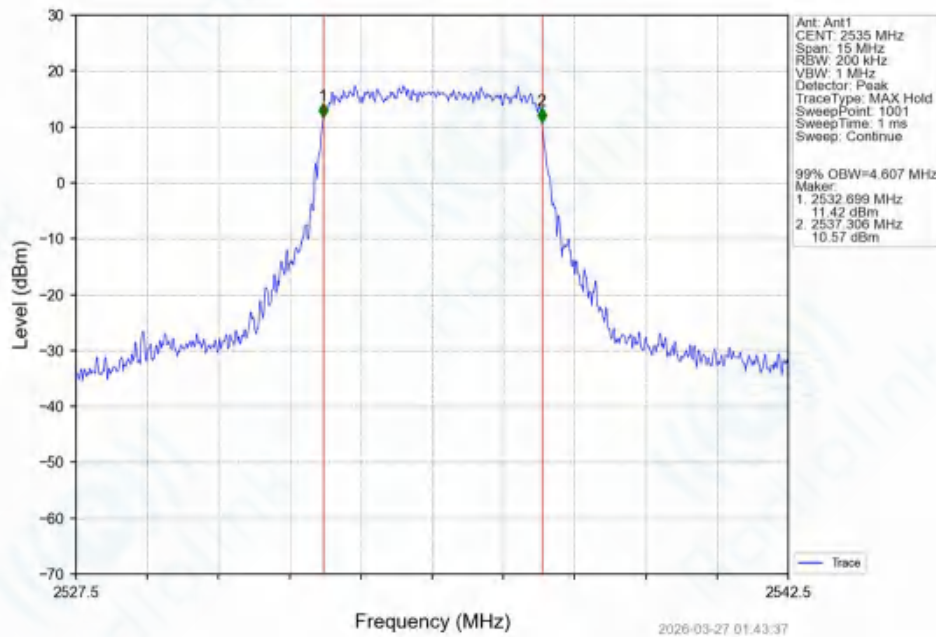


Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

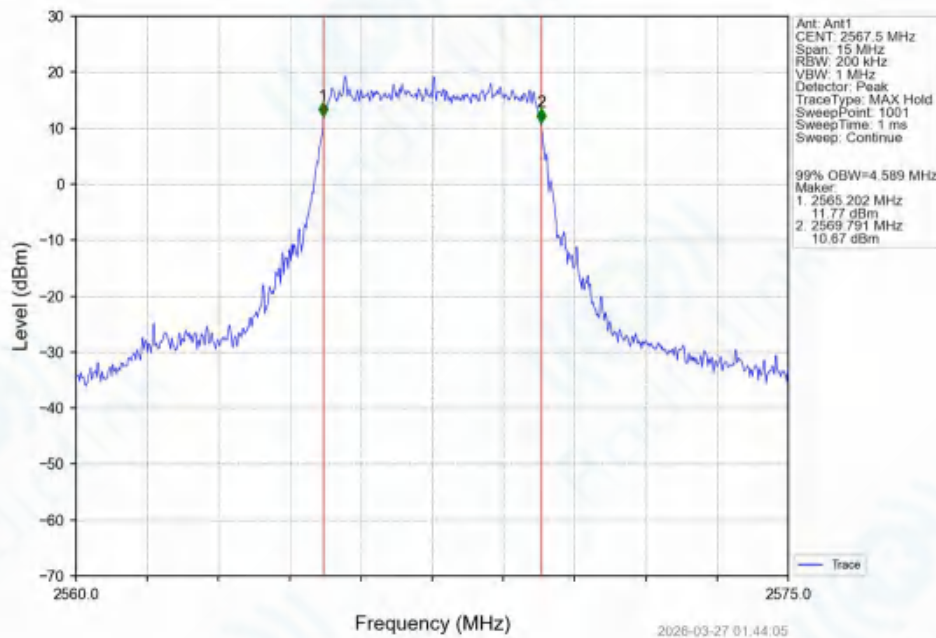

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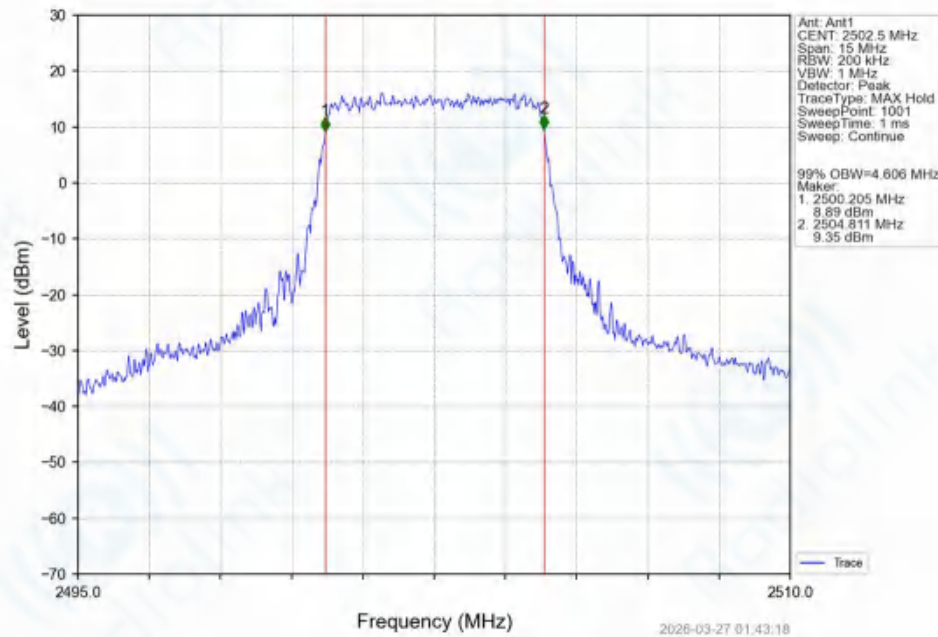
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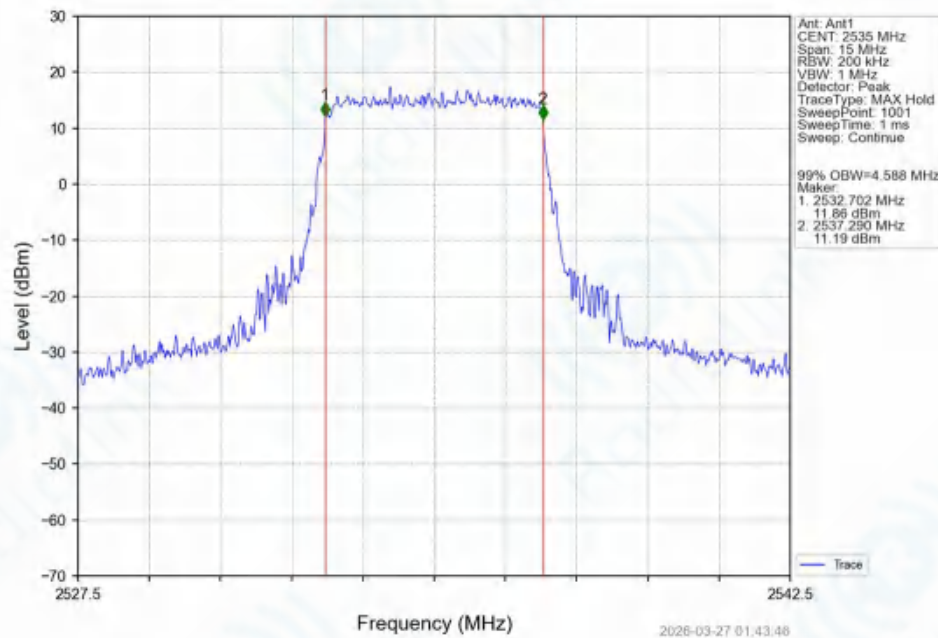
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Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

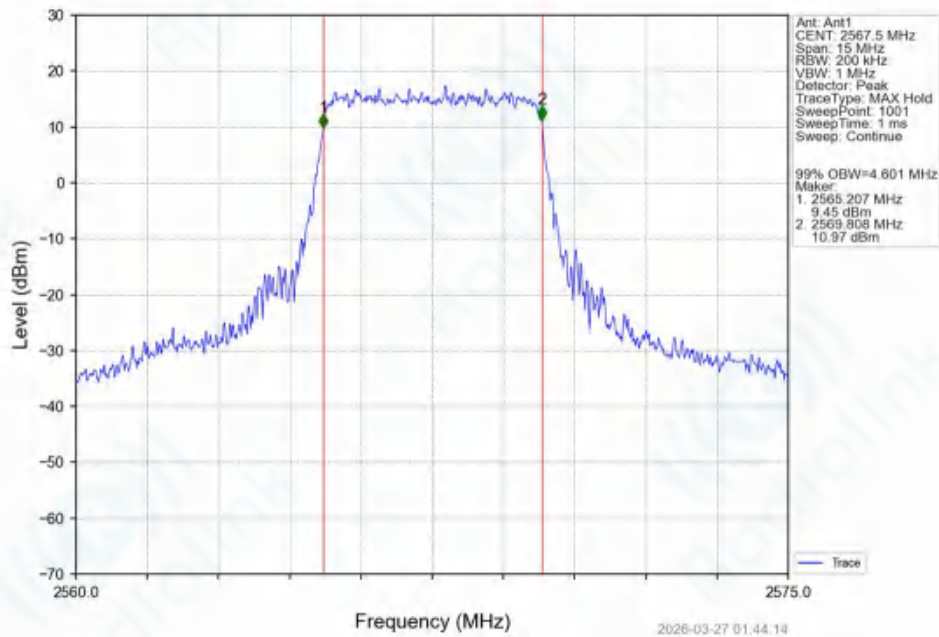


Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV

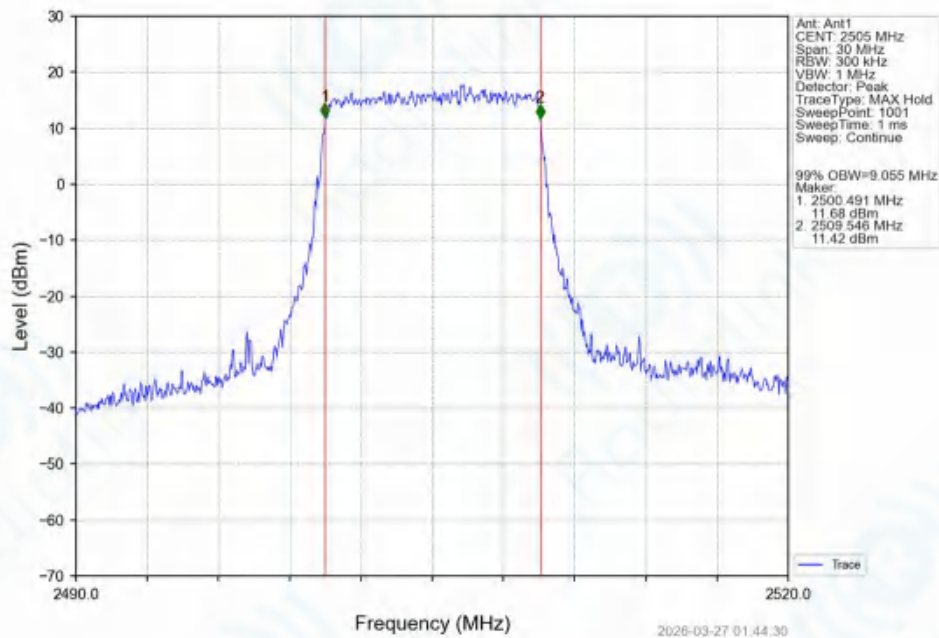

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Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTN



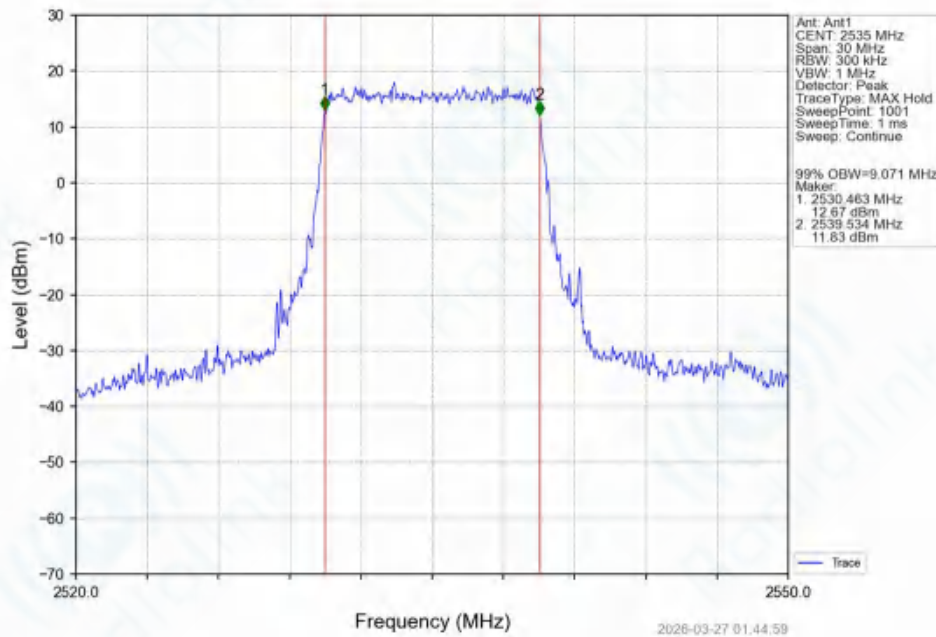
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



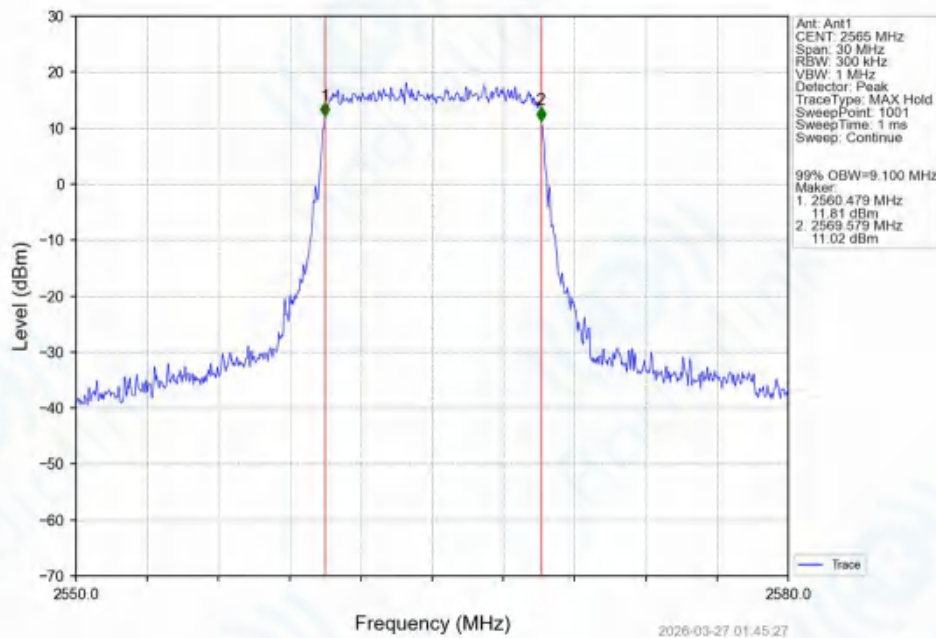
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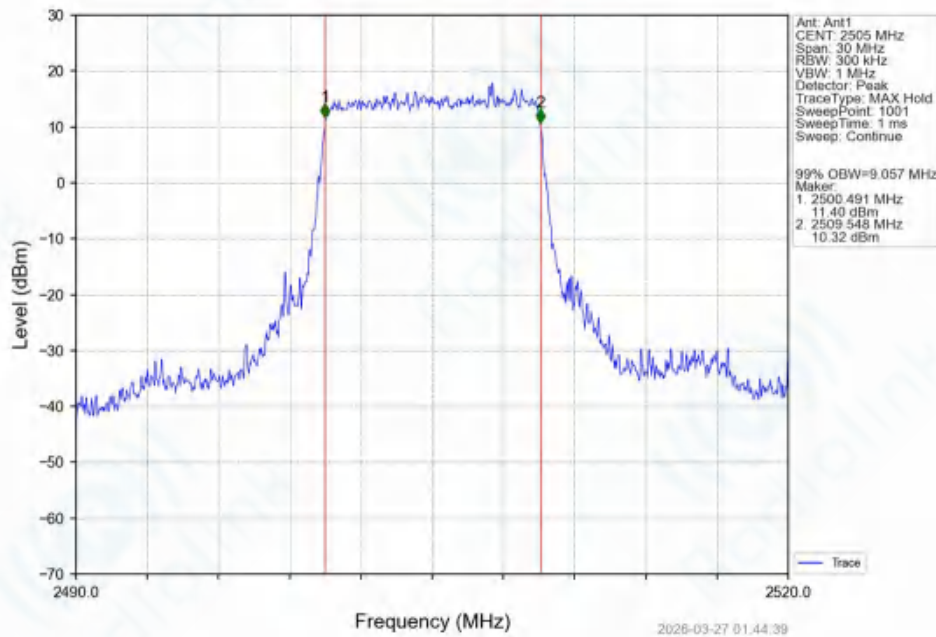
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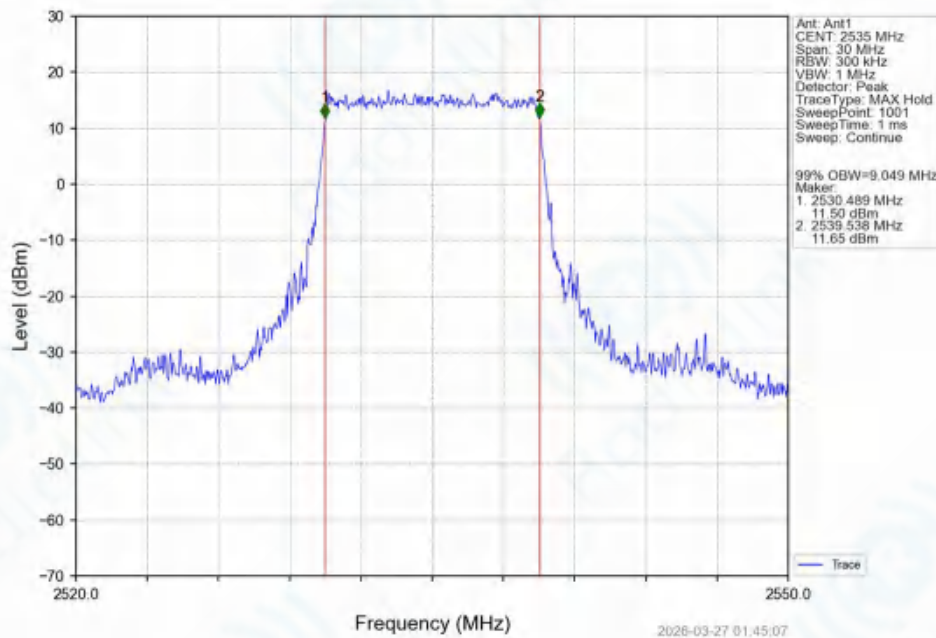
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Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV

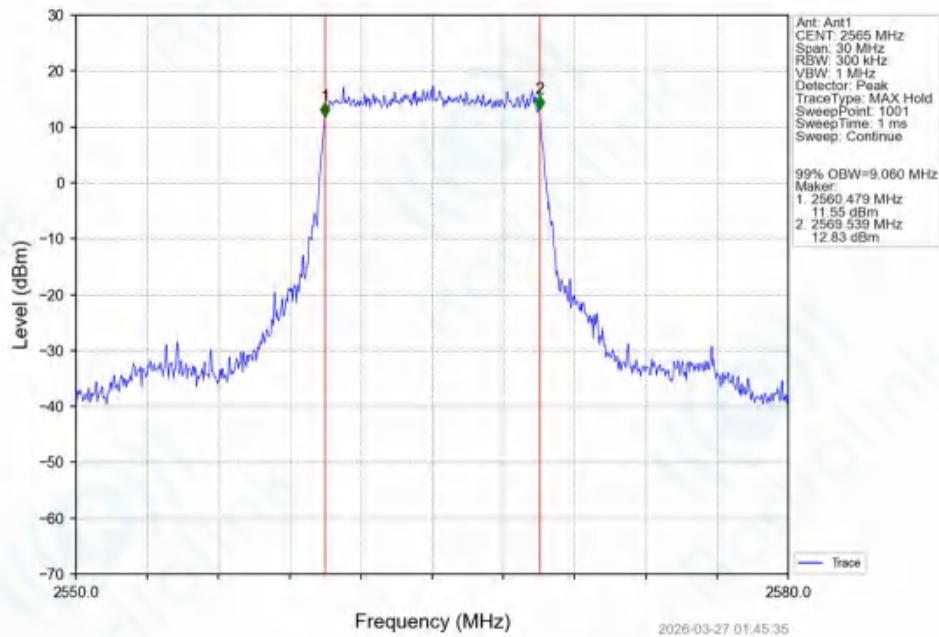


Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV

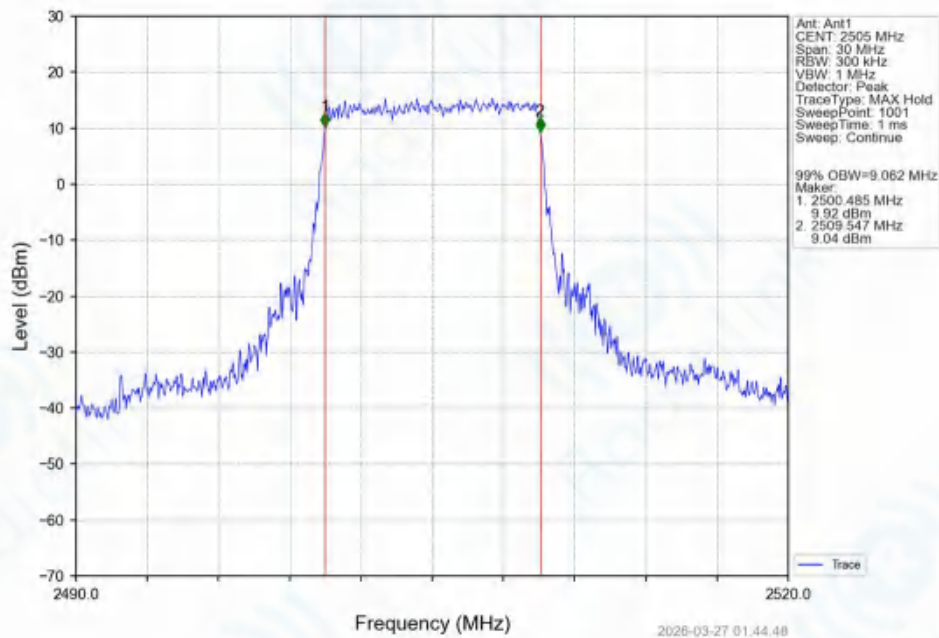

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Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



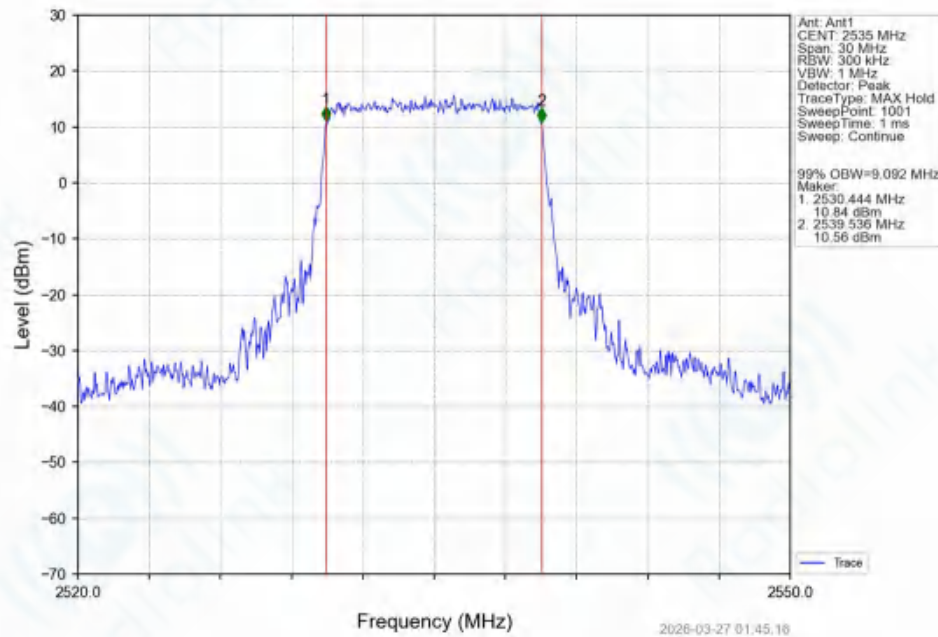
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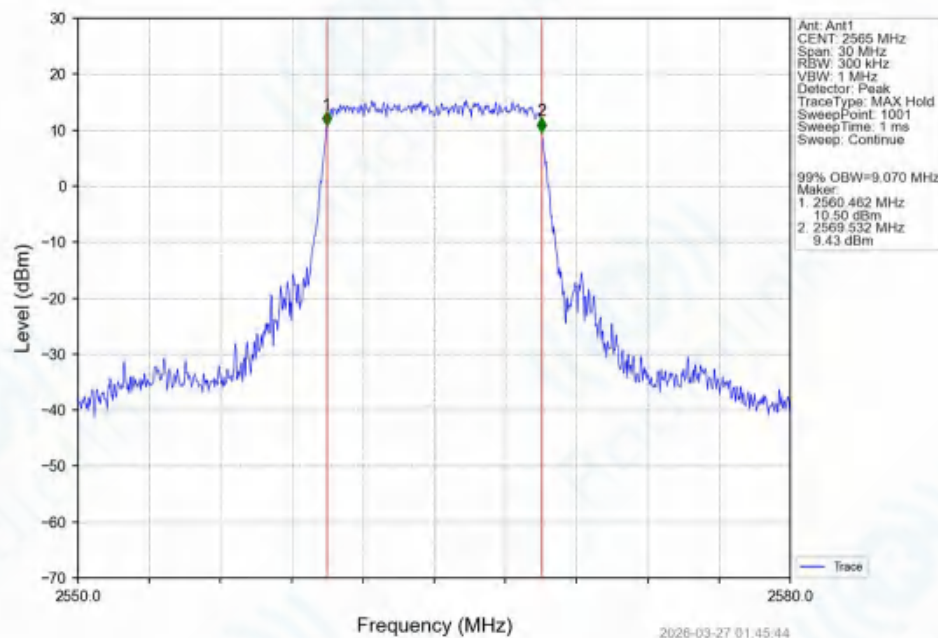
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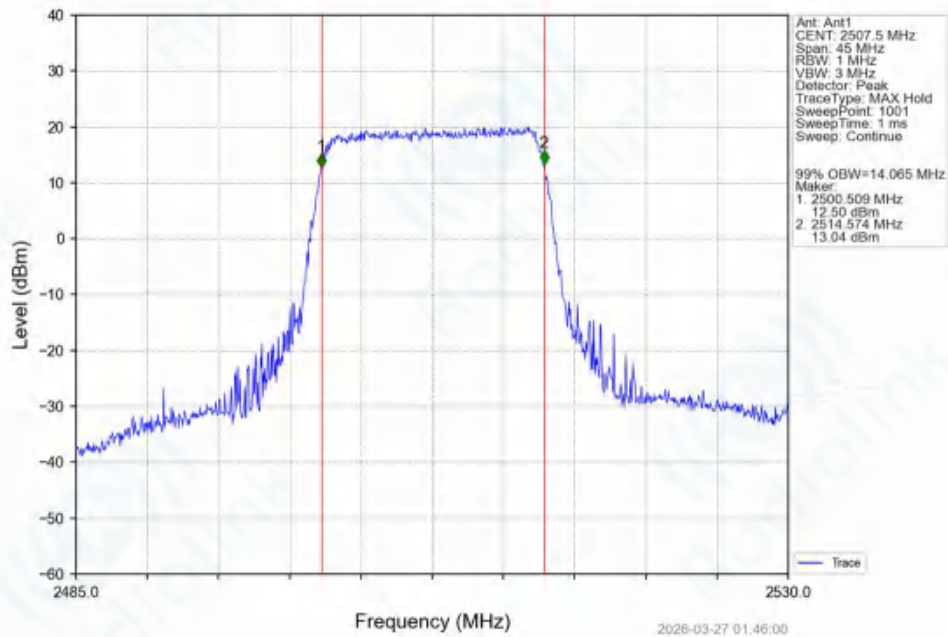
Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



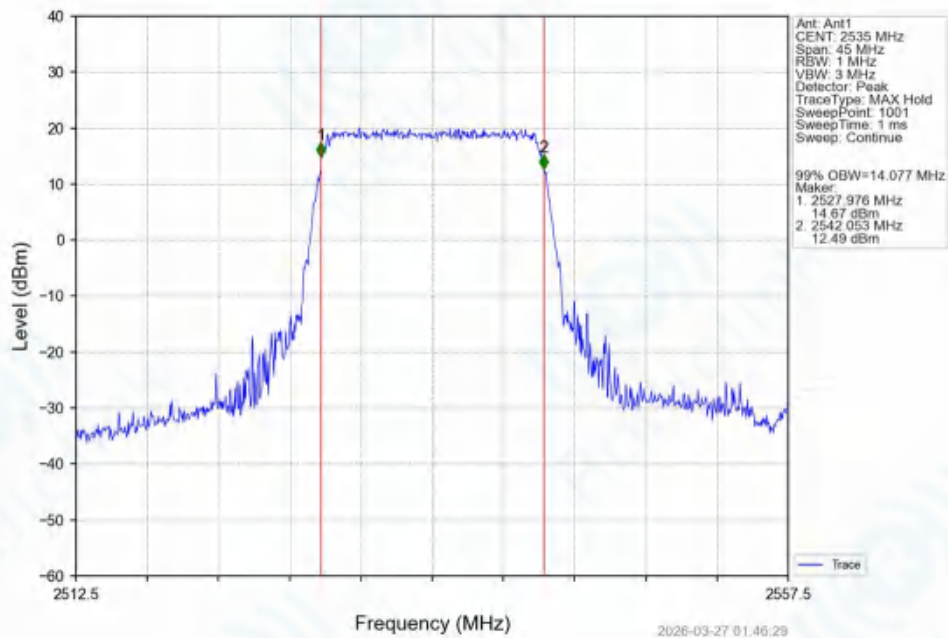
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Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

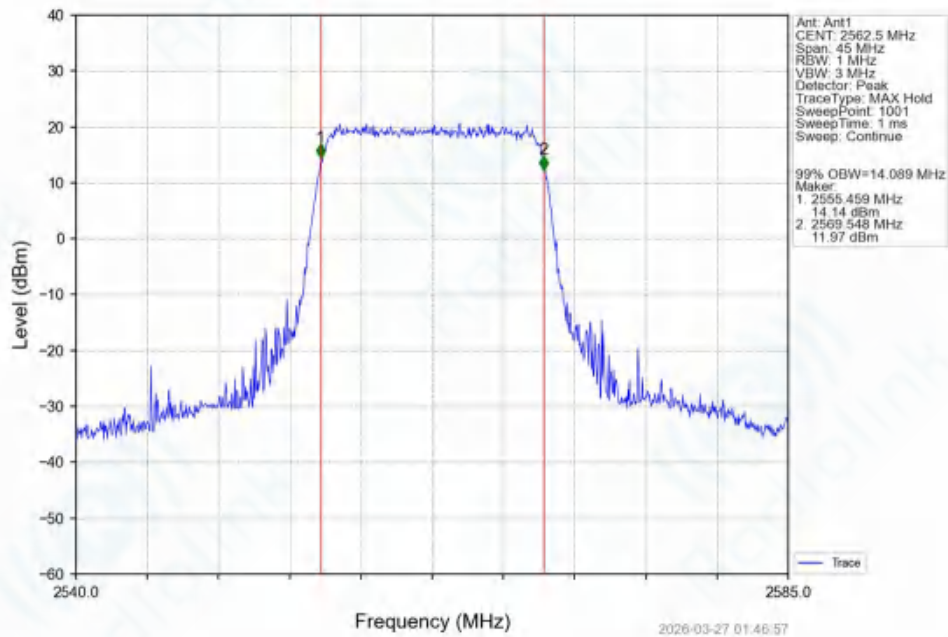


Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV

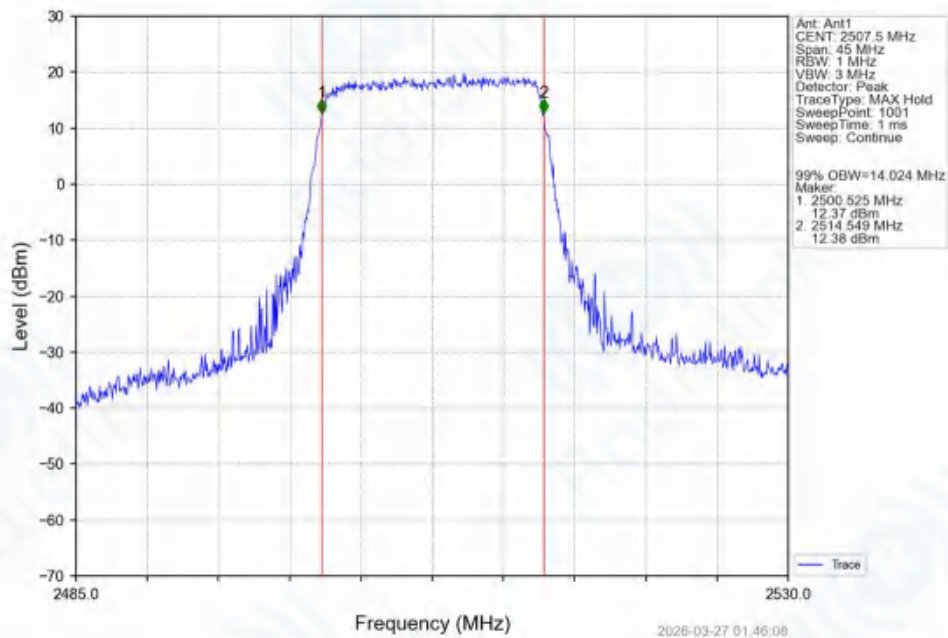

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Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV

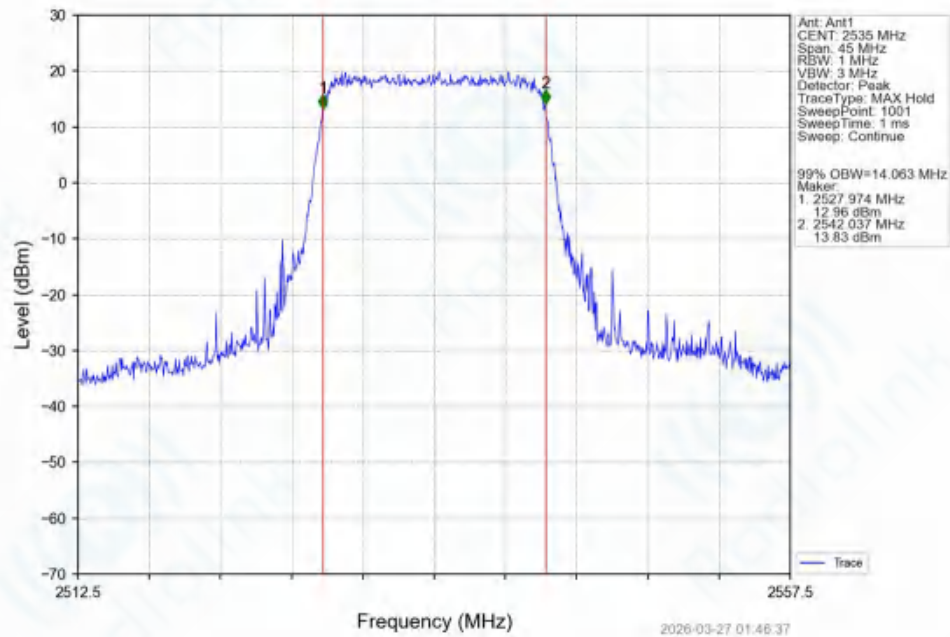


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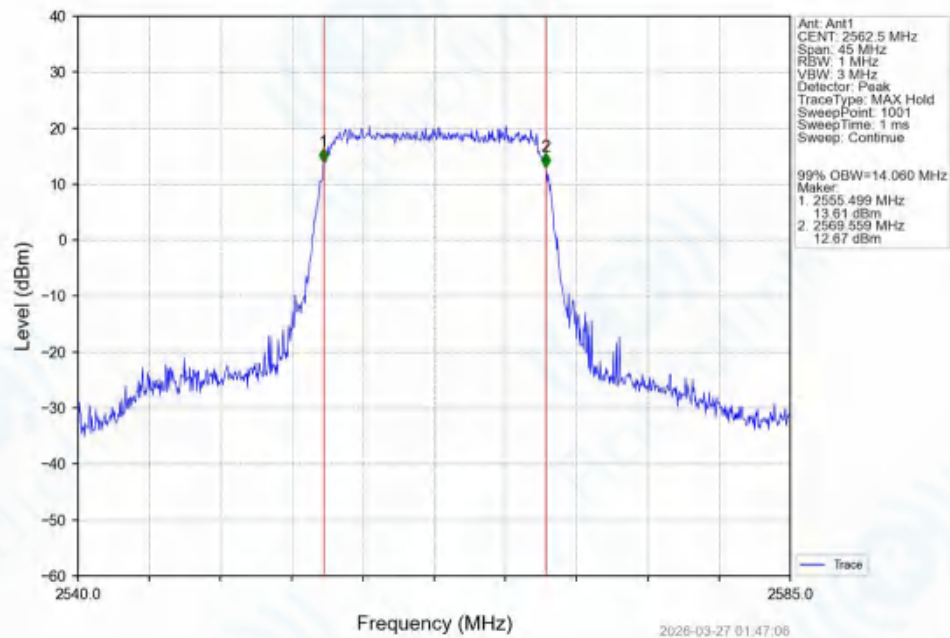

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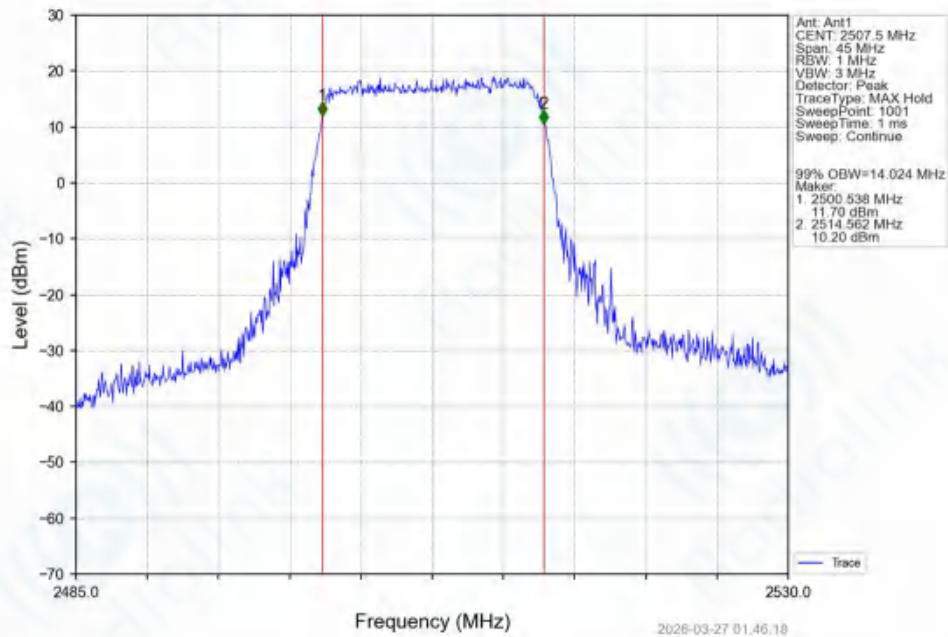
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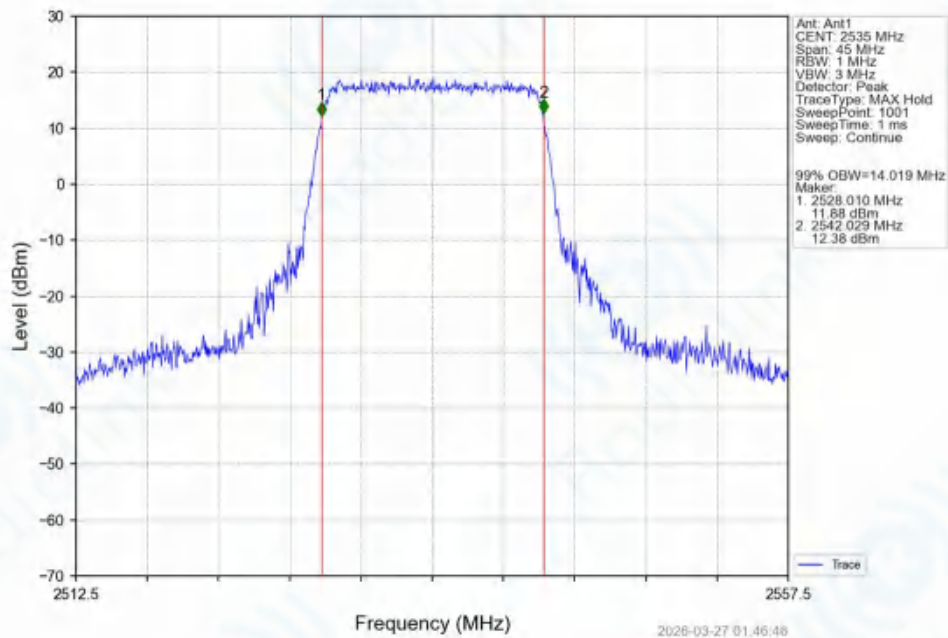
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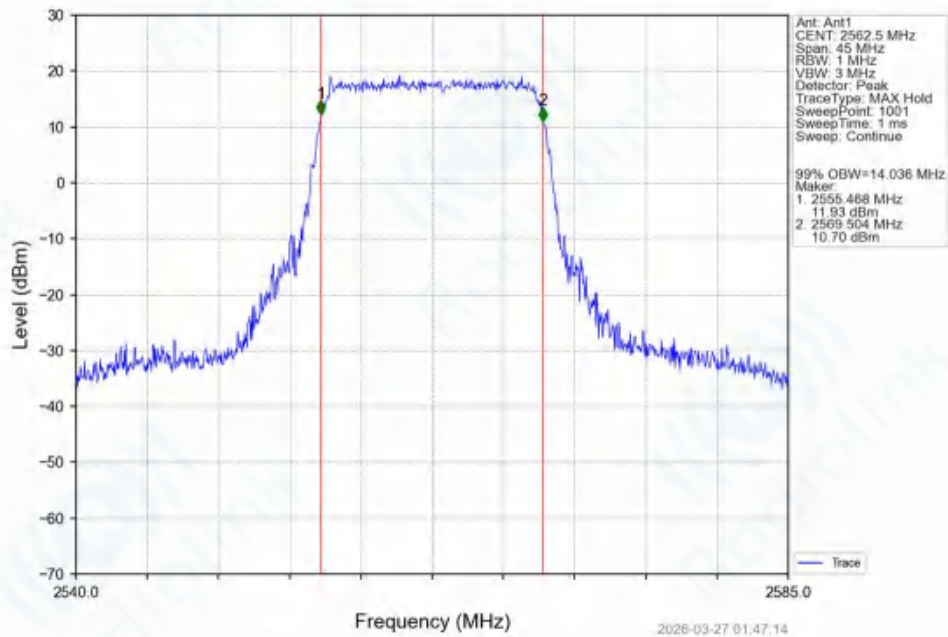
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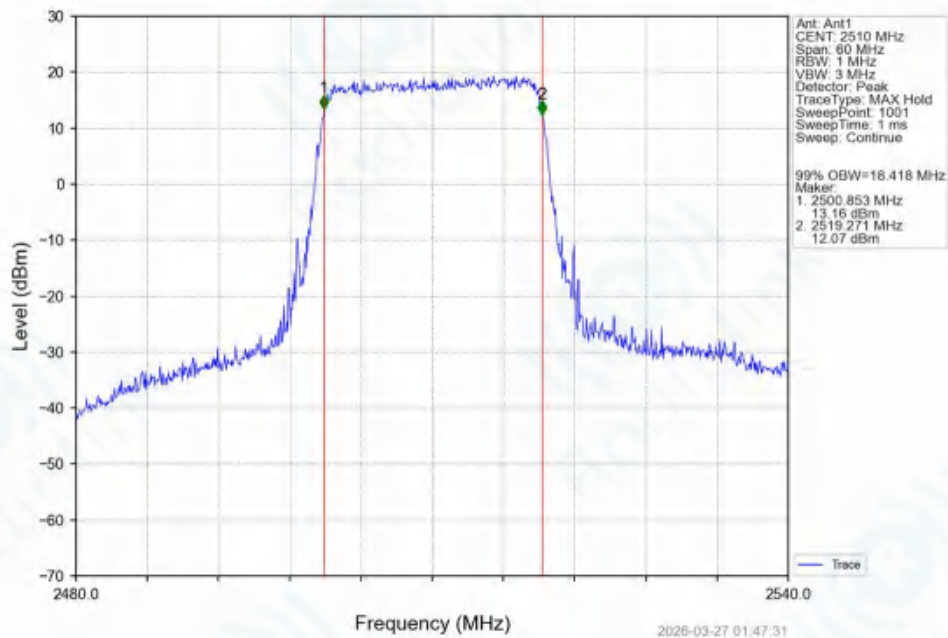
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Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV

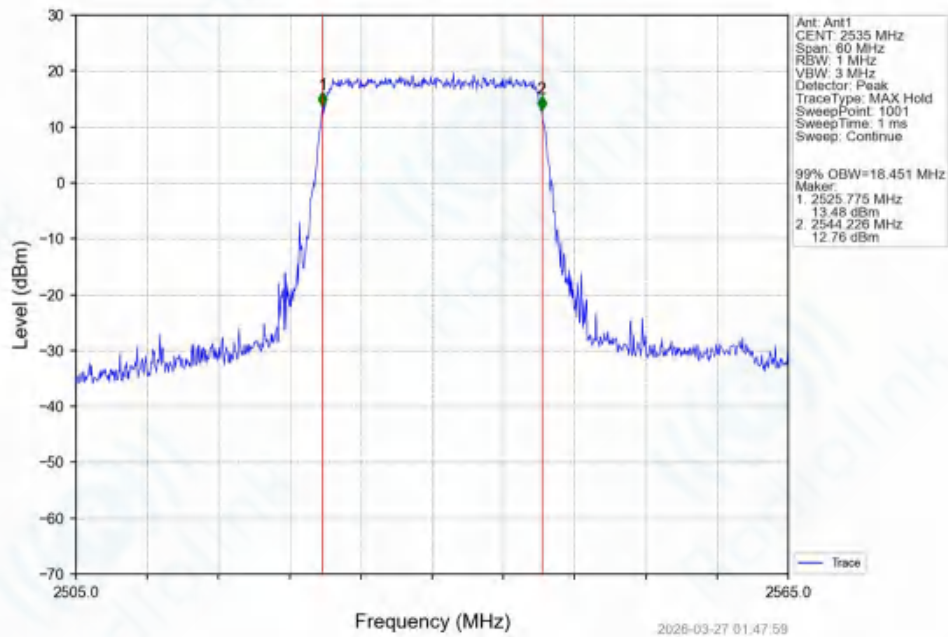


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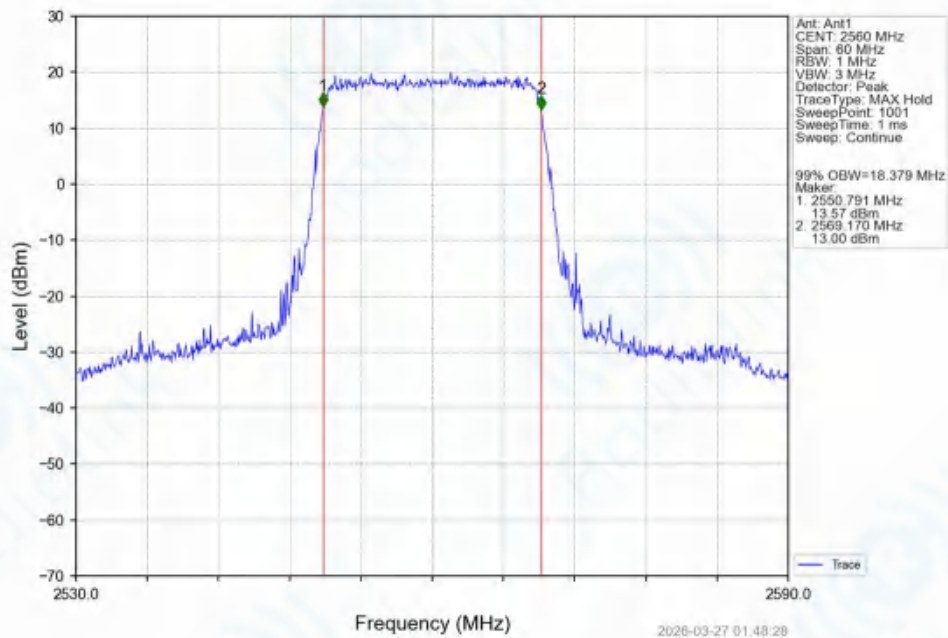

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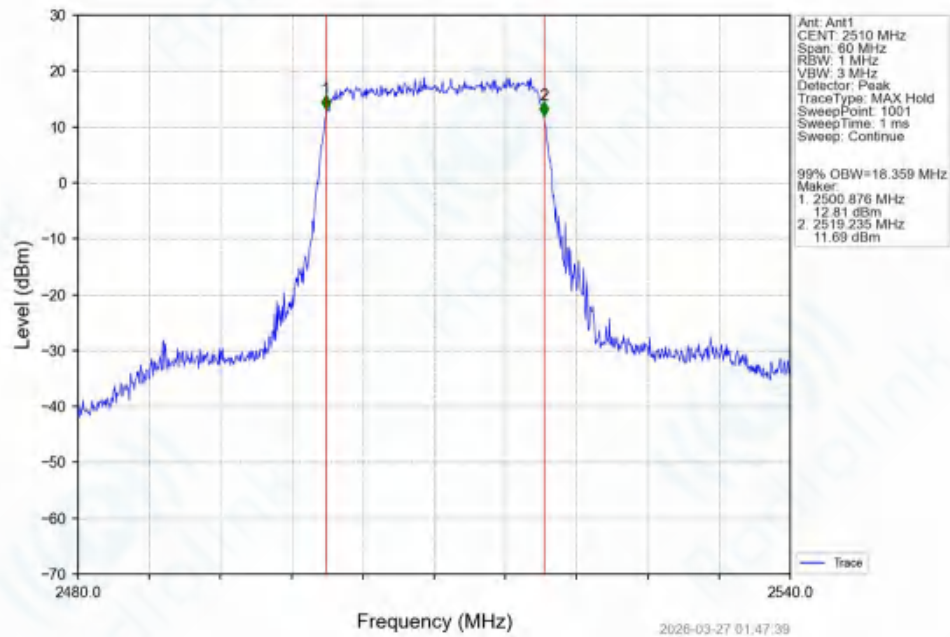
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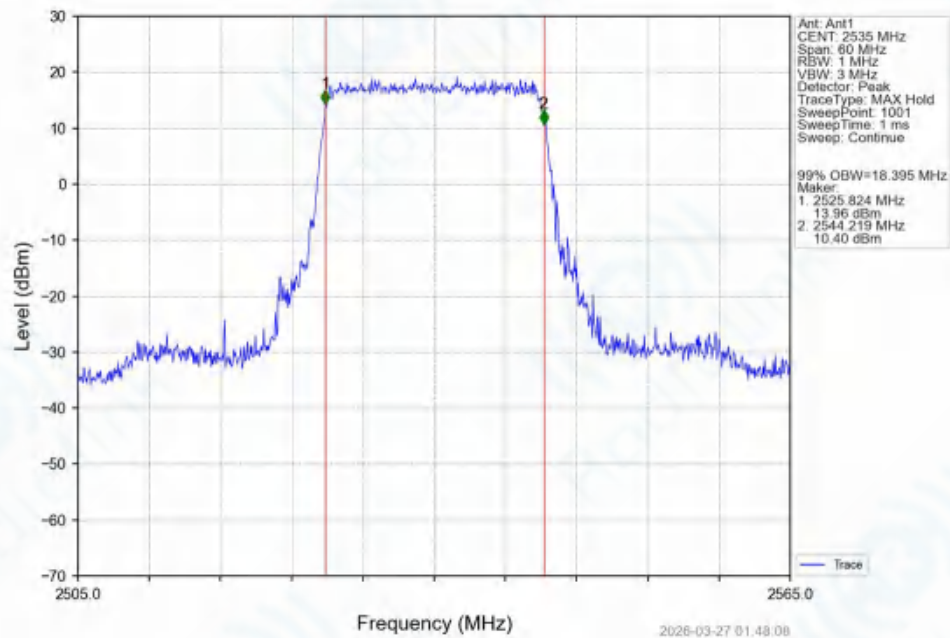
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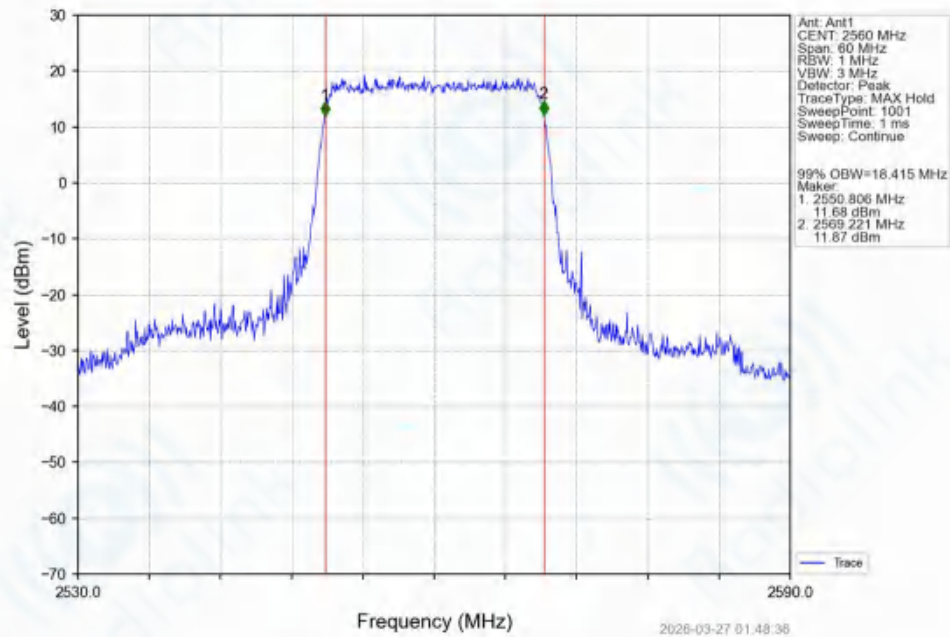
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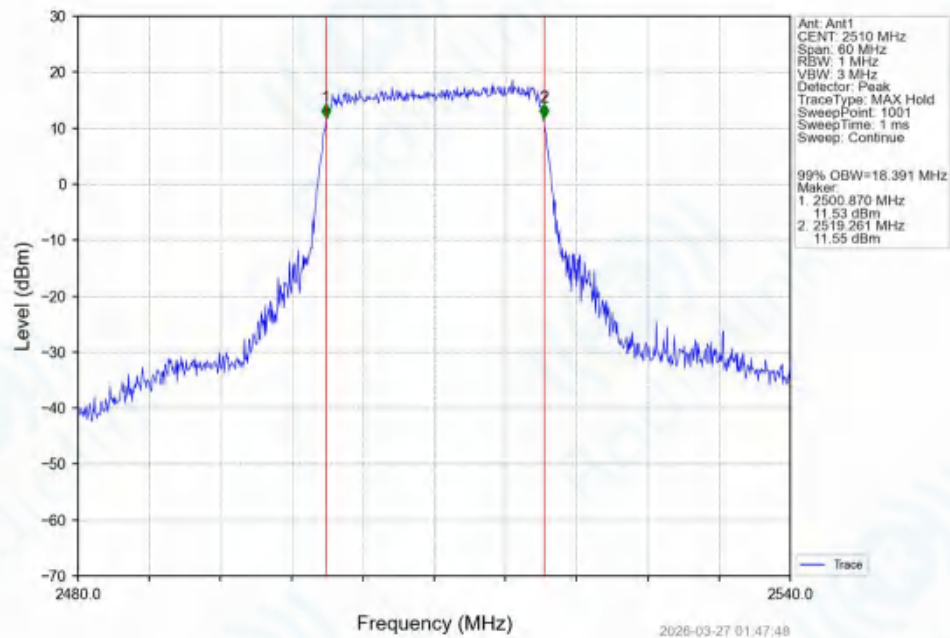
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Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



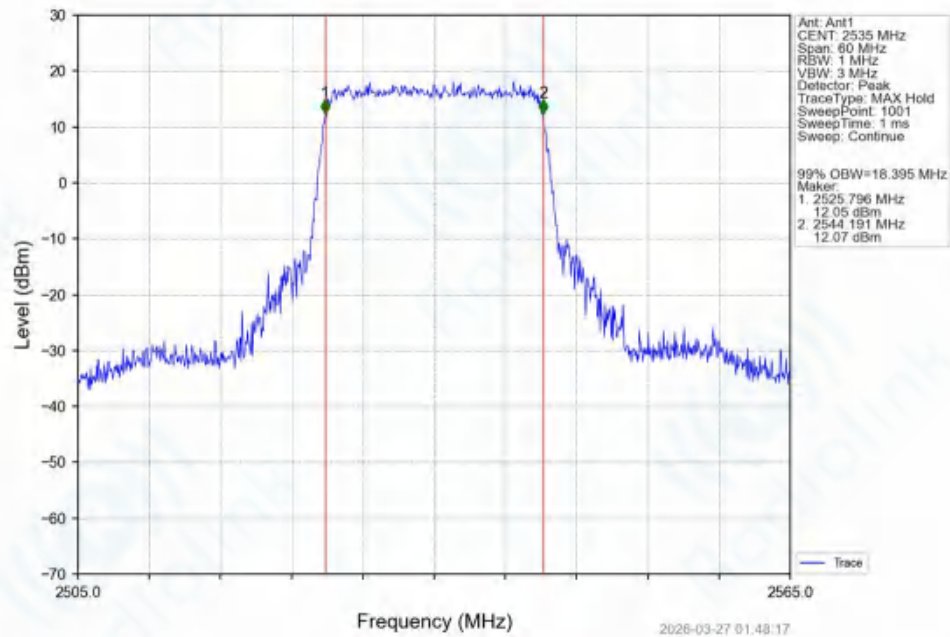
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTN



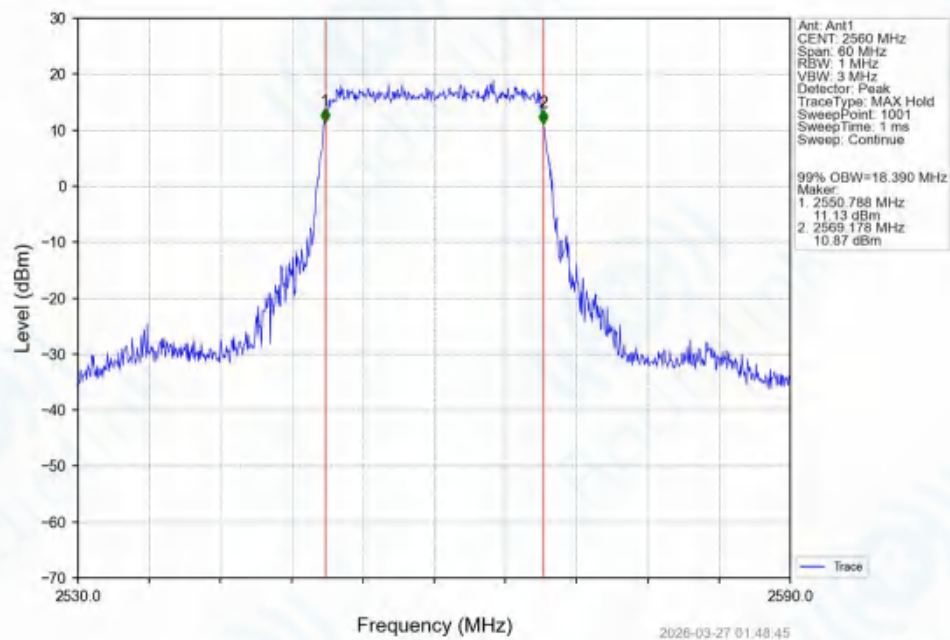
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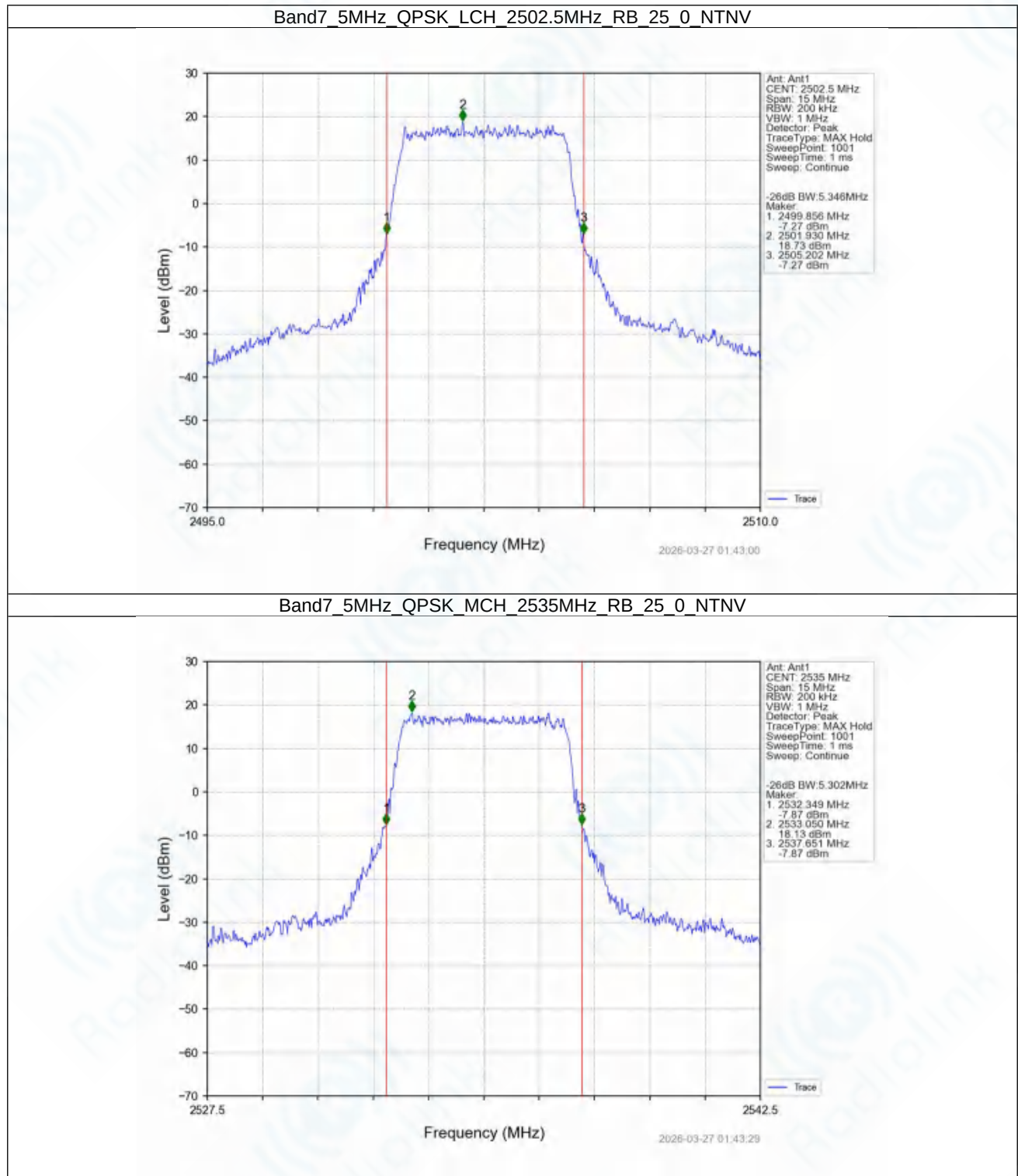
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Band7 20MHz 64QAM HCH 2560MHz RB 100\_0 NTN



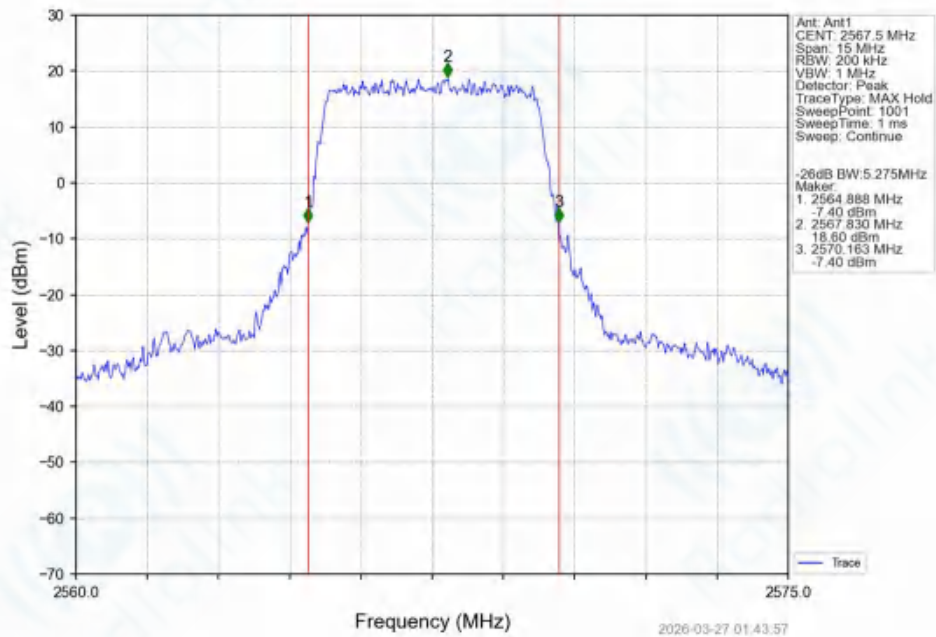
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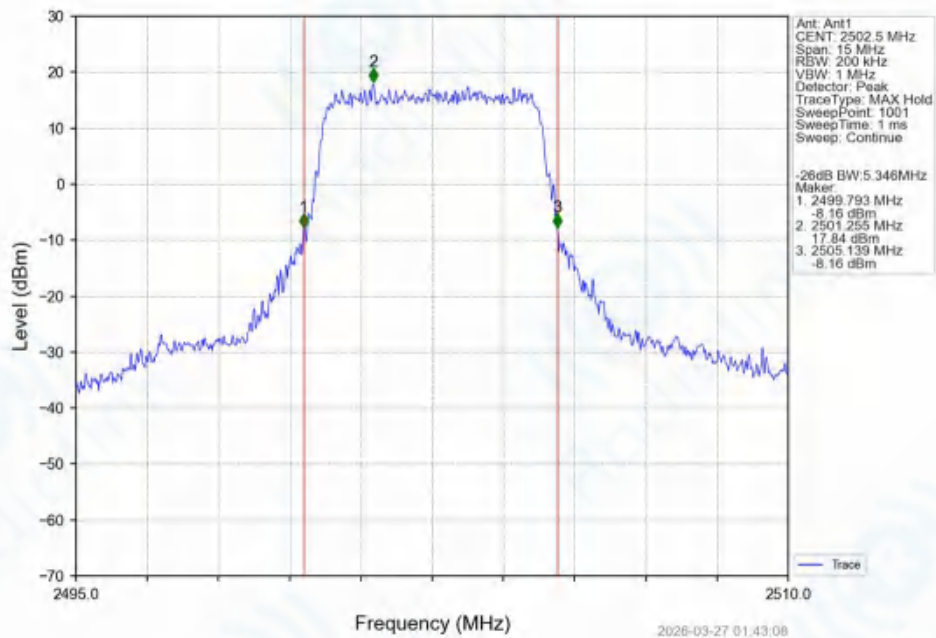
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Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



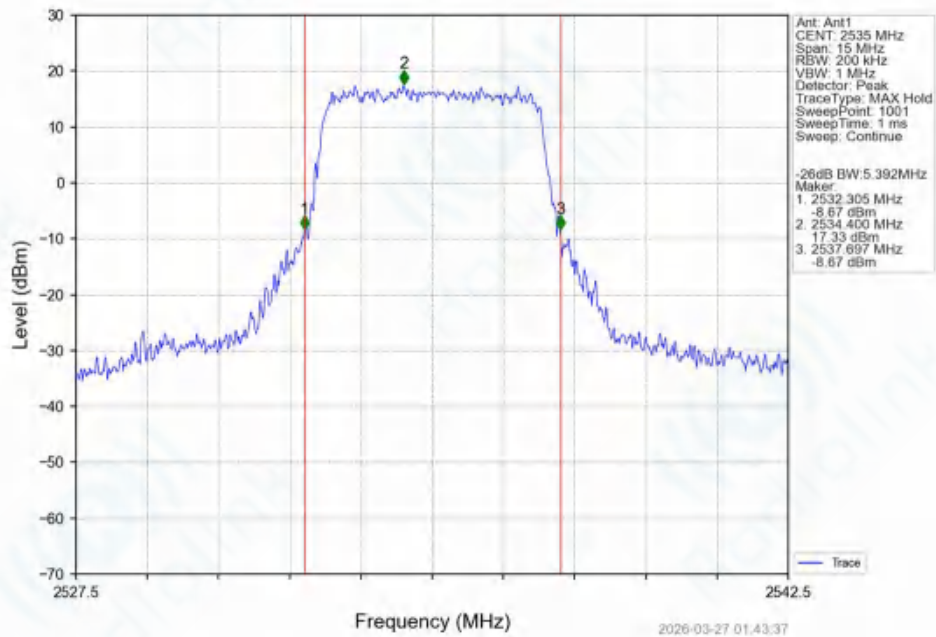
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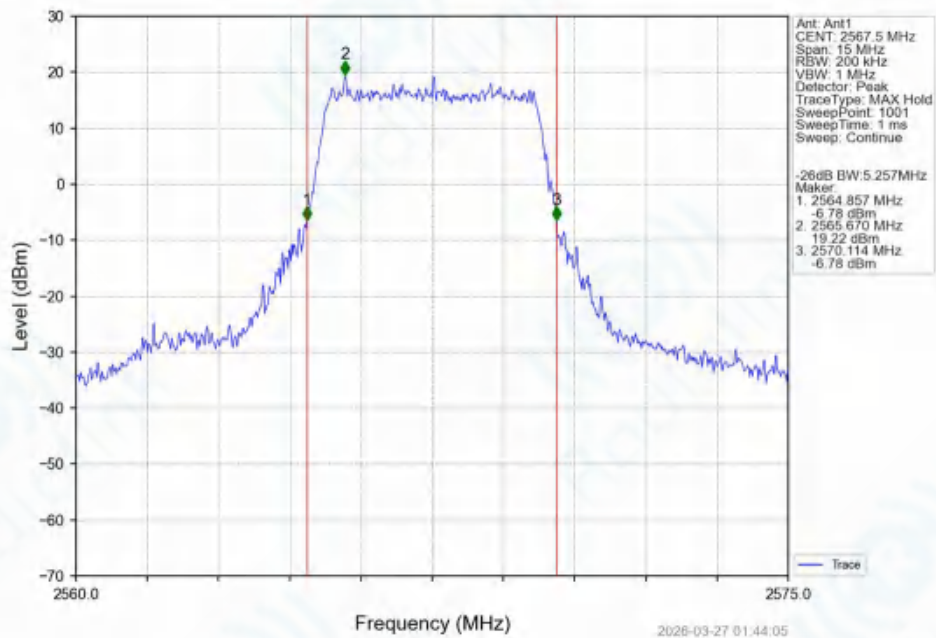
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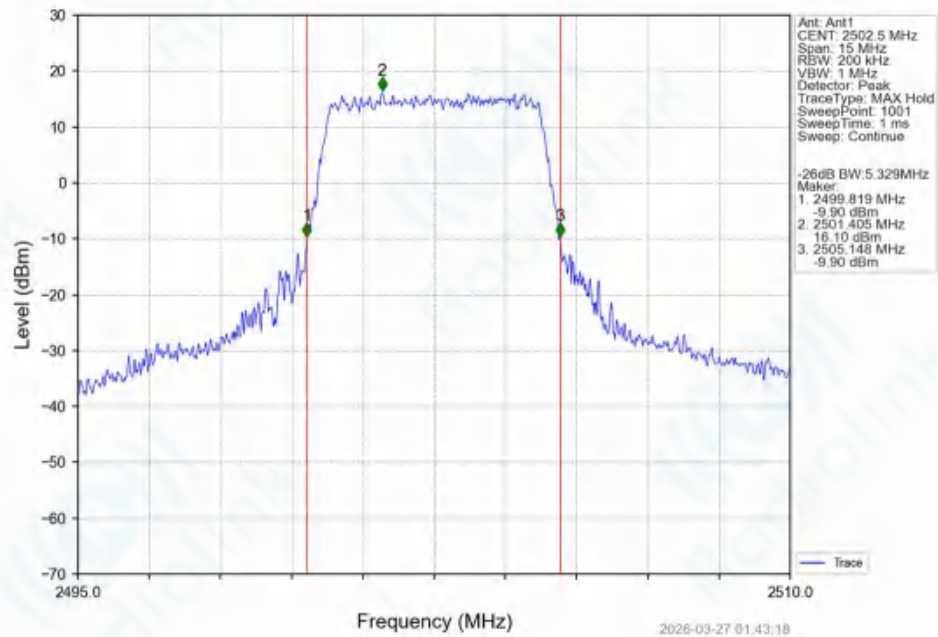
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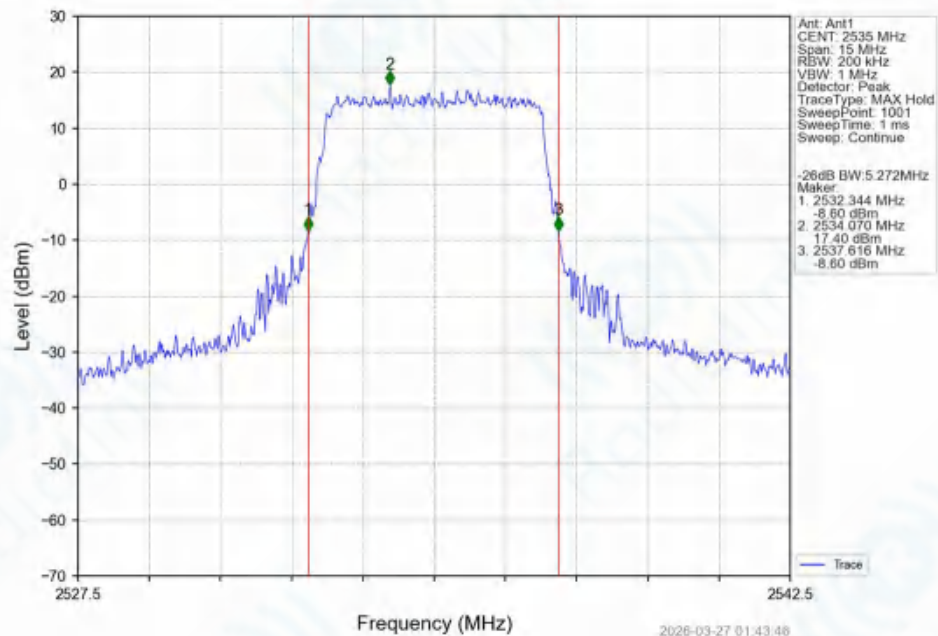
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Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



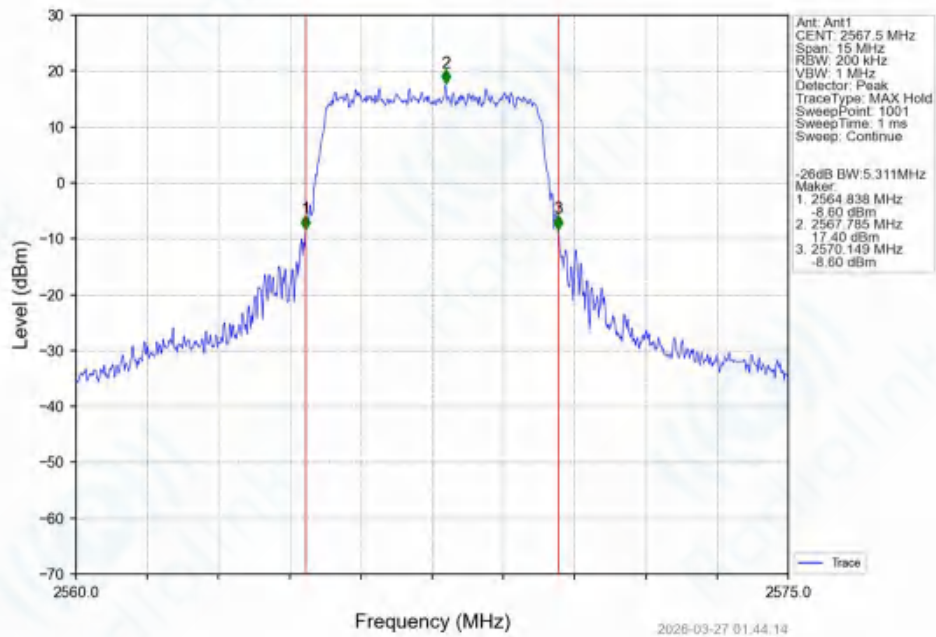
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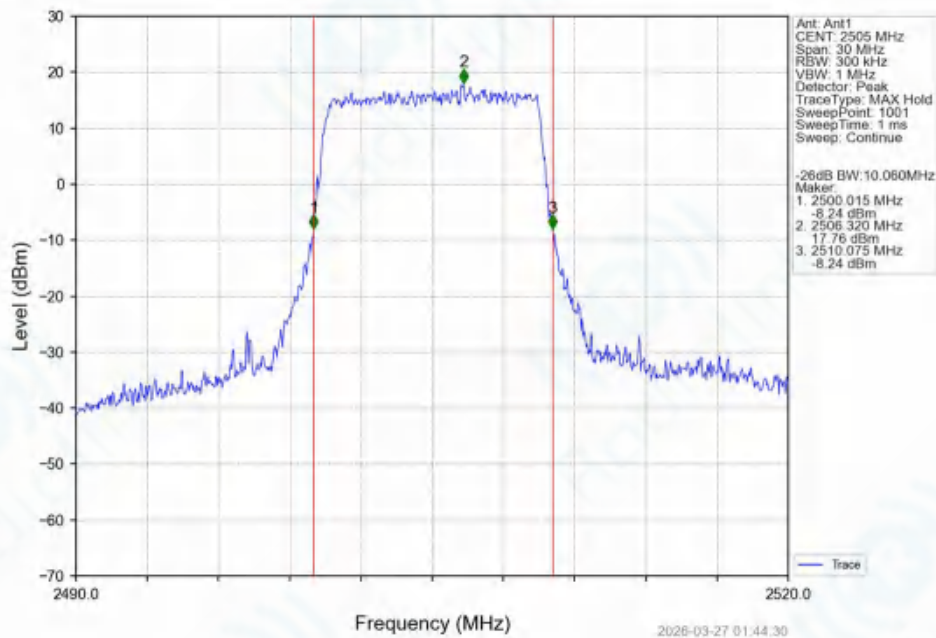
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Band7 5MHz 64QAM HCH 2567.5MHz RB 25\_0 NTNv



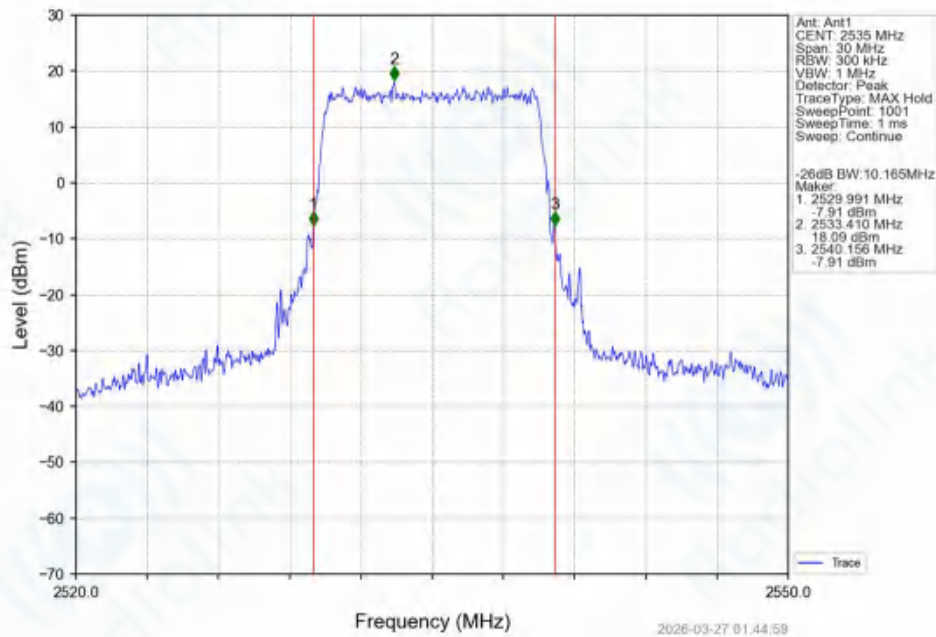
Band7 10MHz QPSK LCH 2505MHz RB 50\_0 NTNv



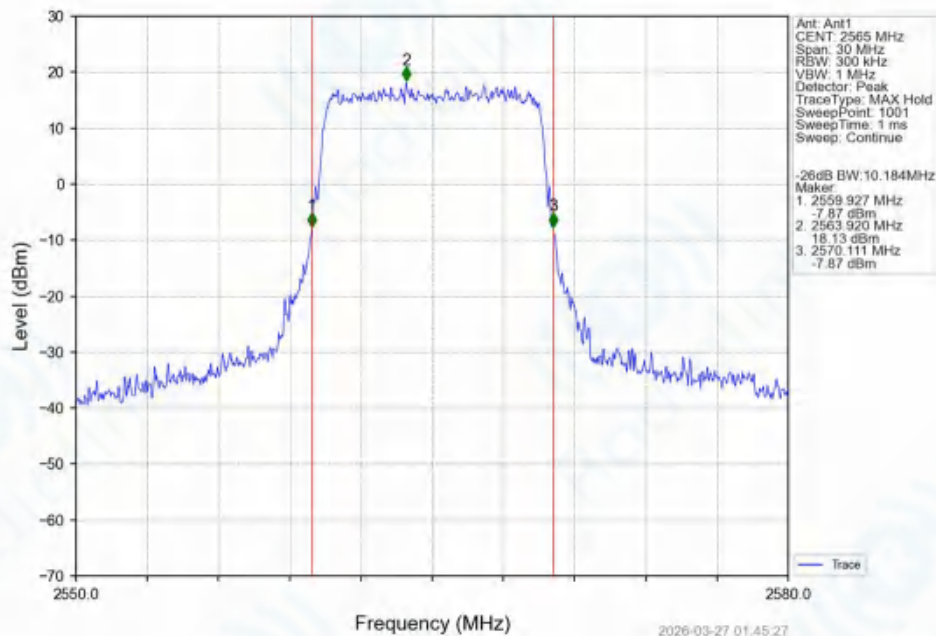
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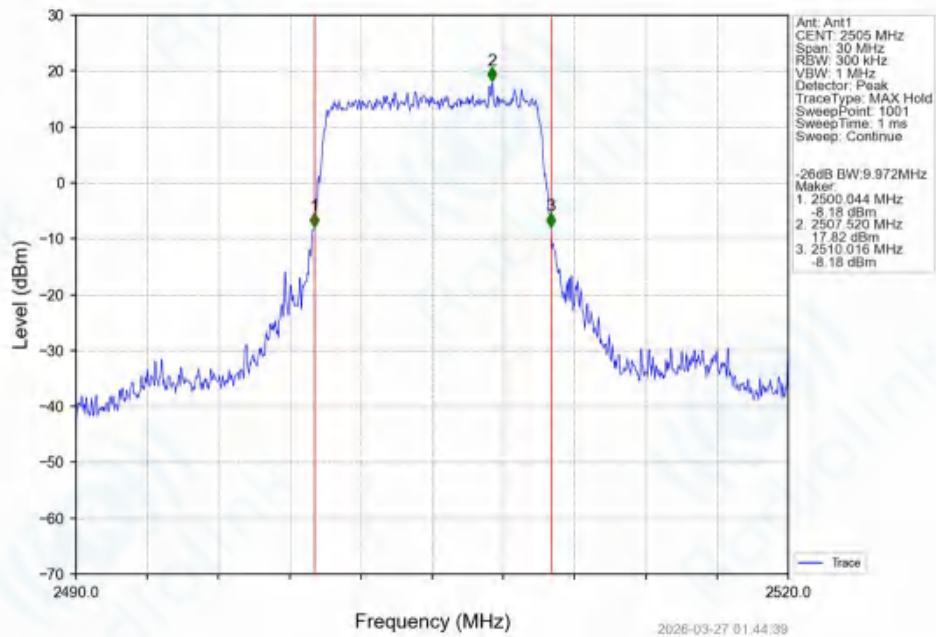
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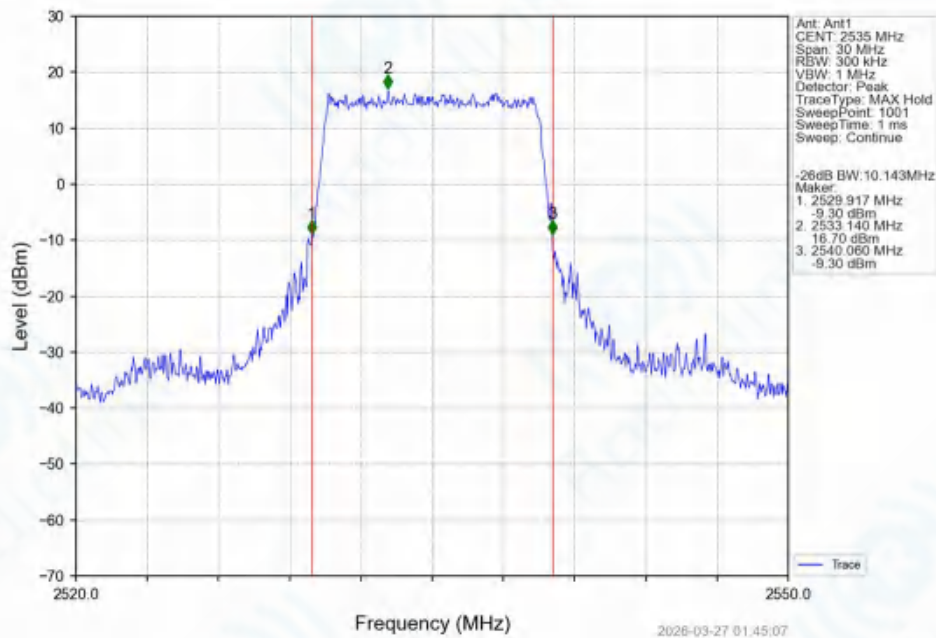
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Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV

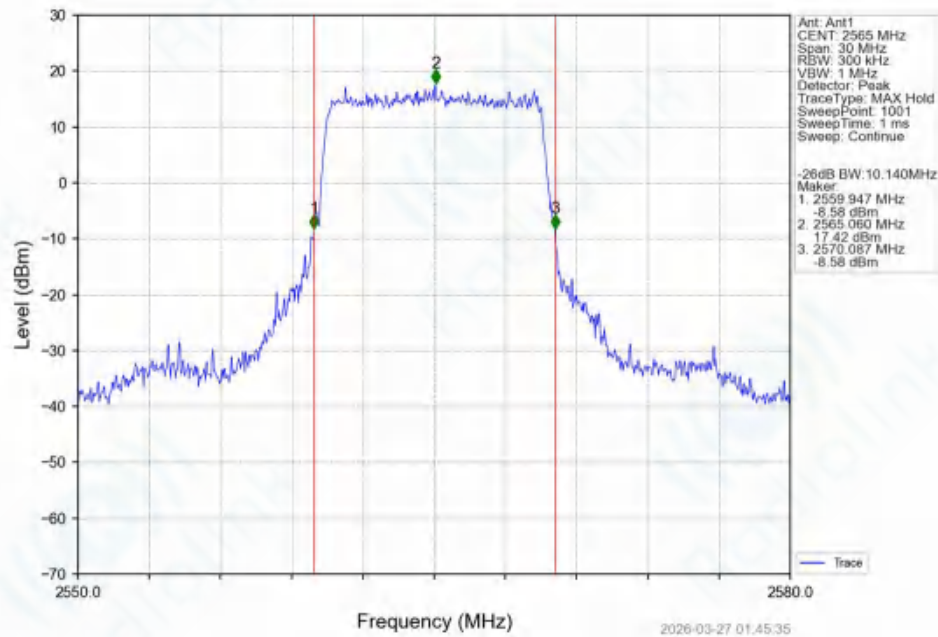


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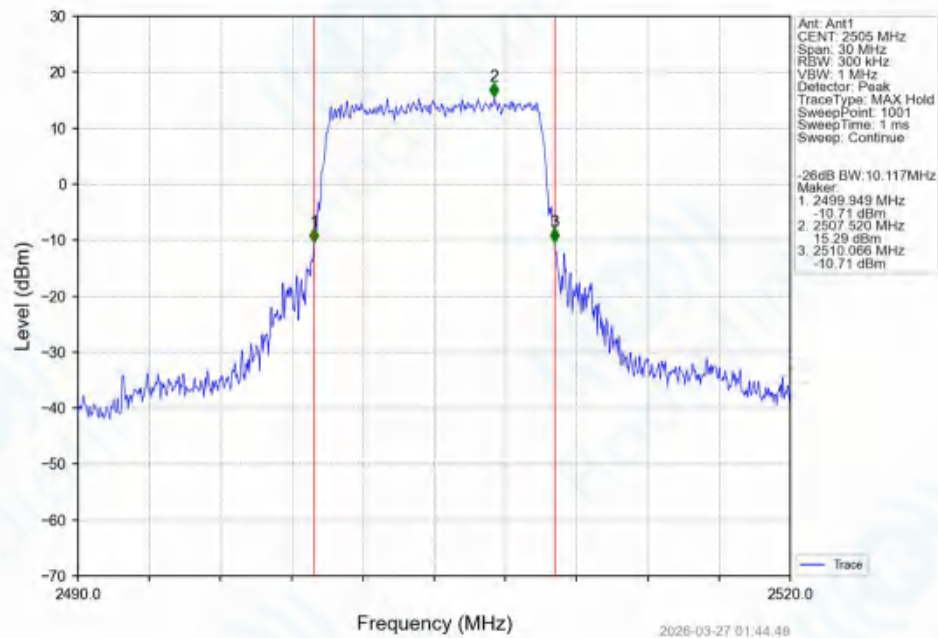

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Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



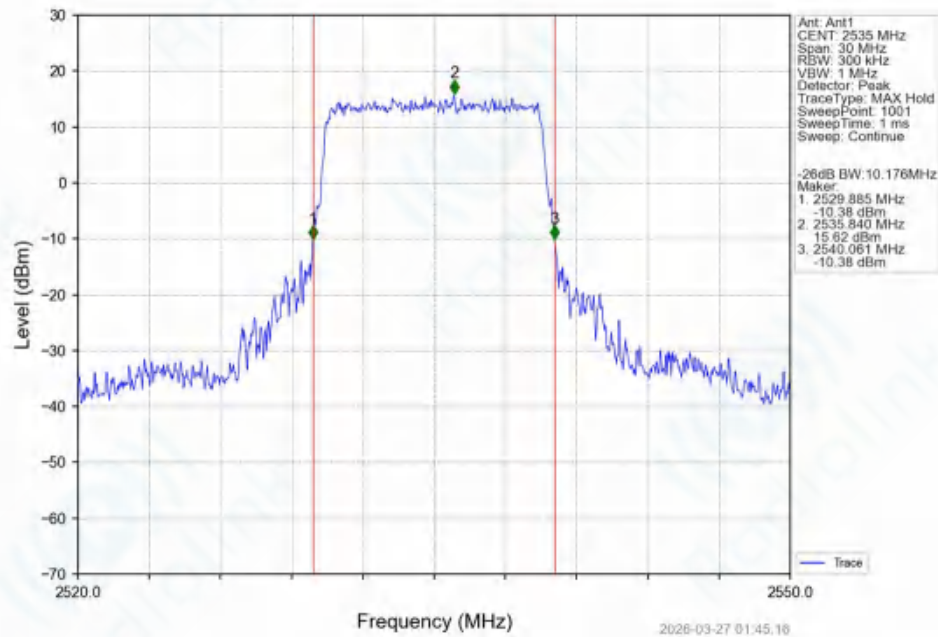
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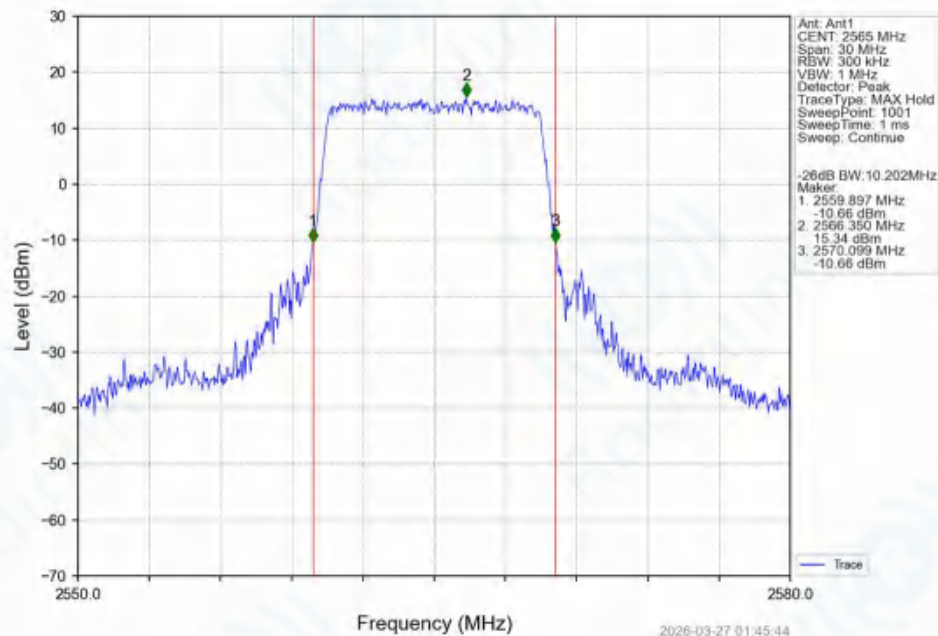
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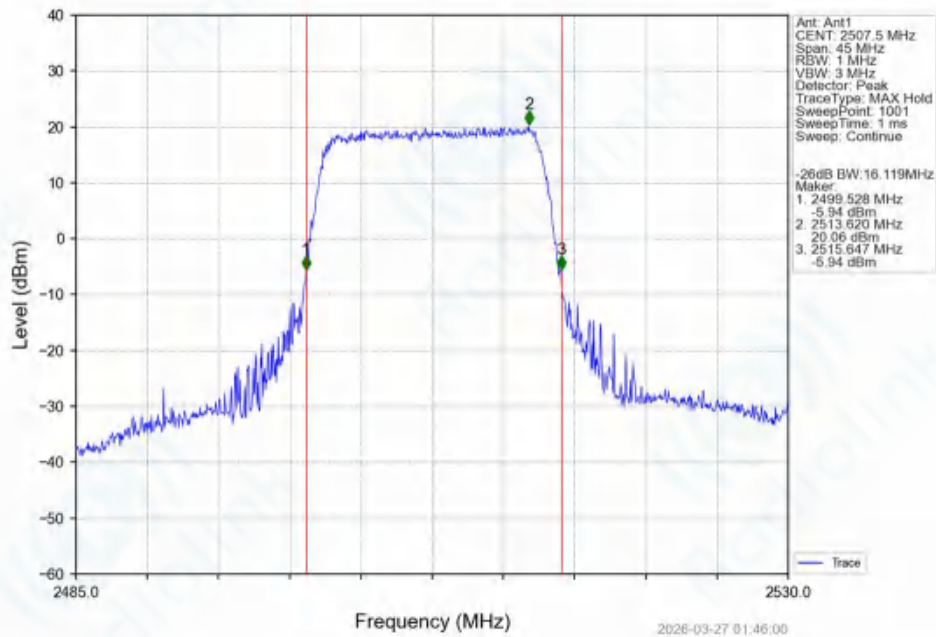
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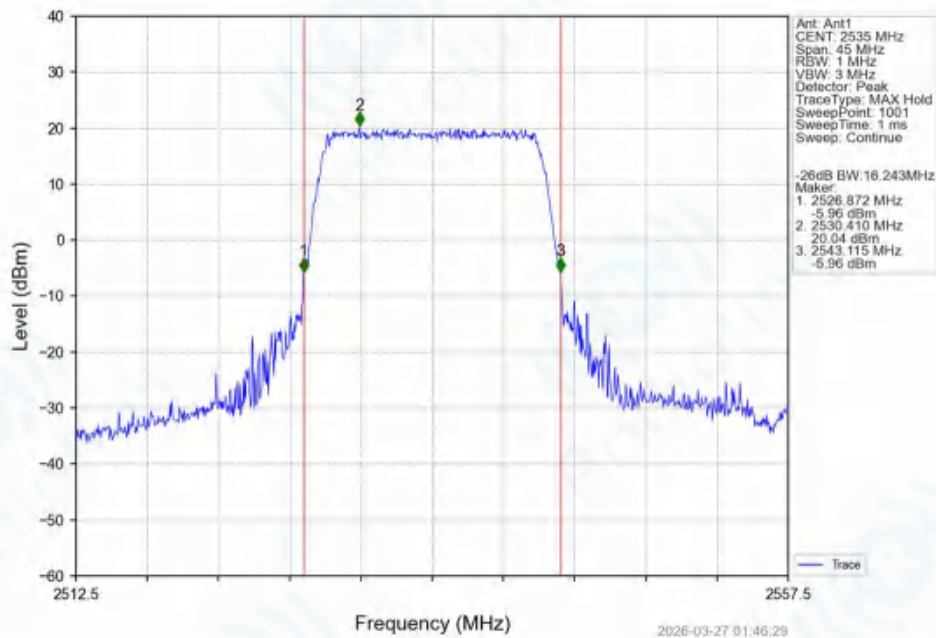
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Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

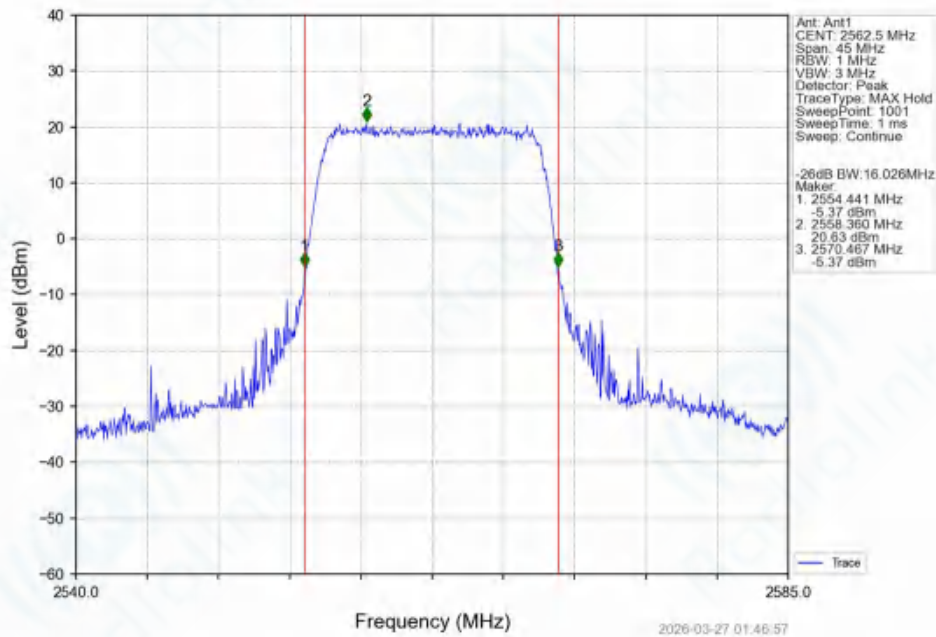


Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV

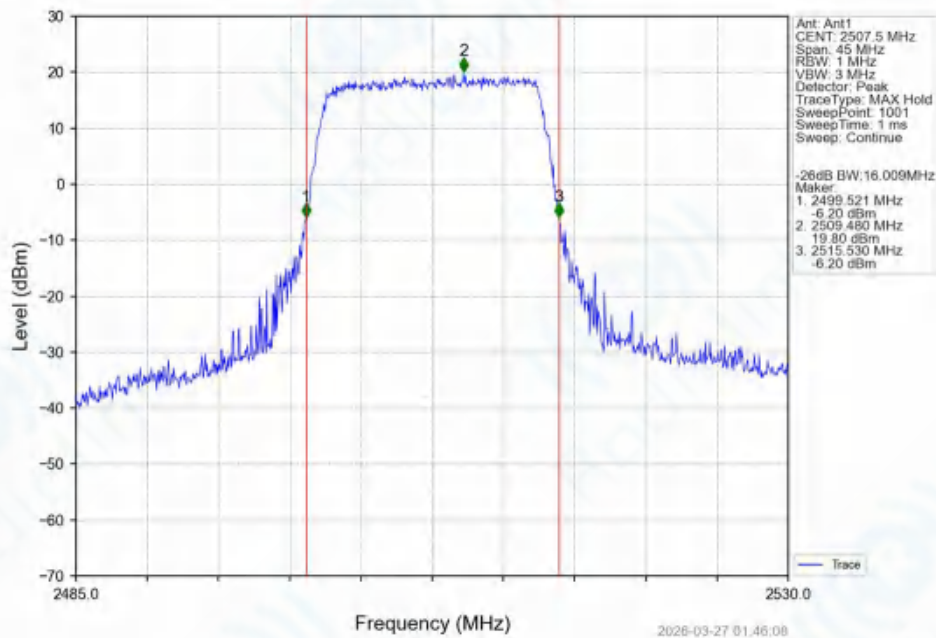

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Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



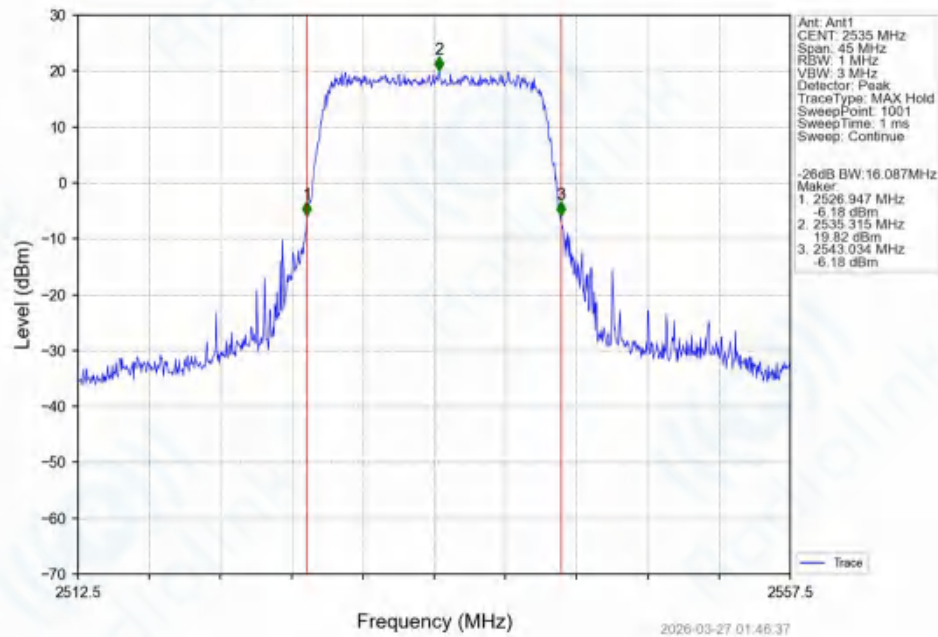
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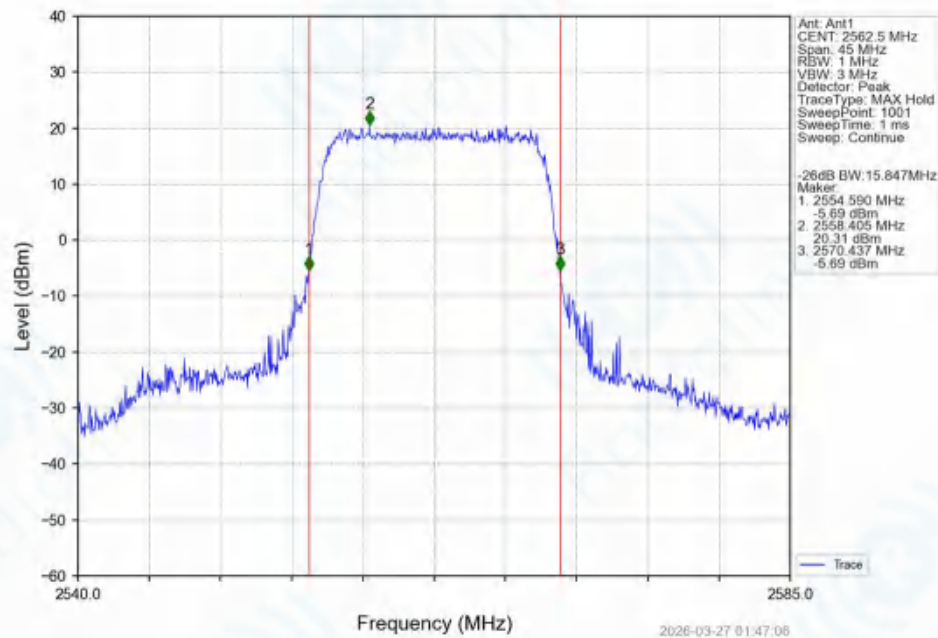
Radiolink Testing (Shenzhen) Co., Ltd.

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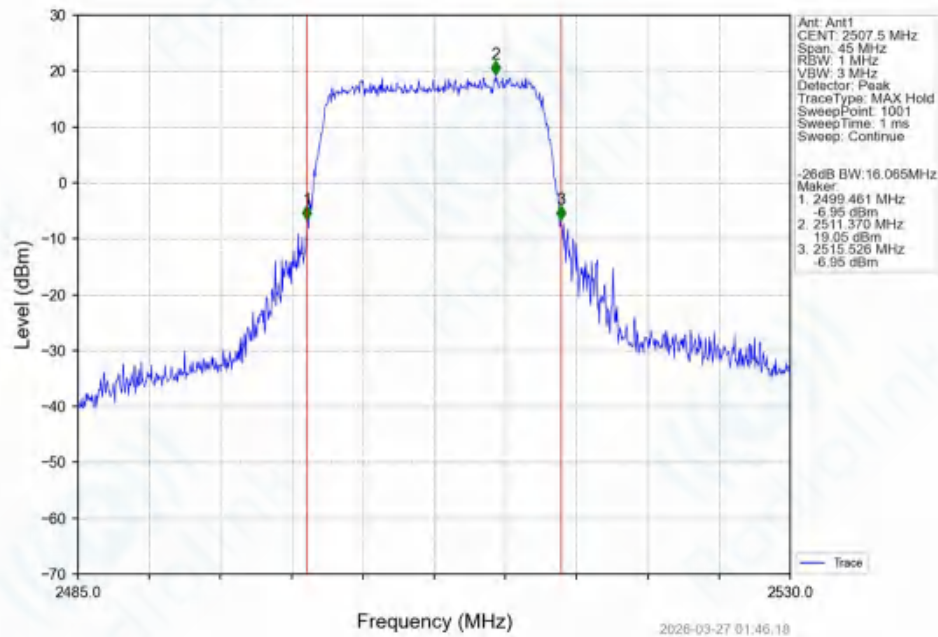
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



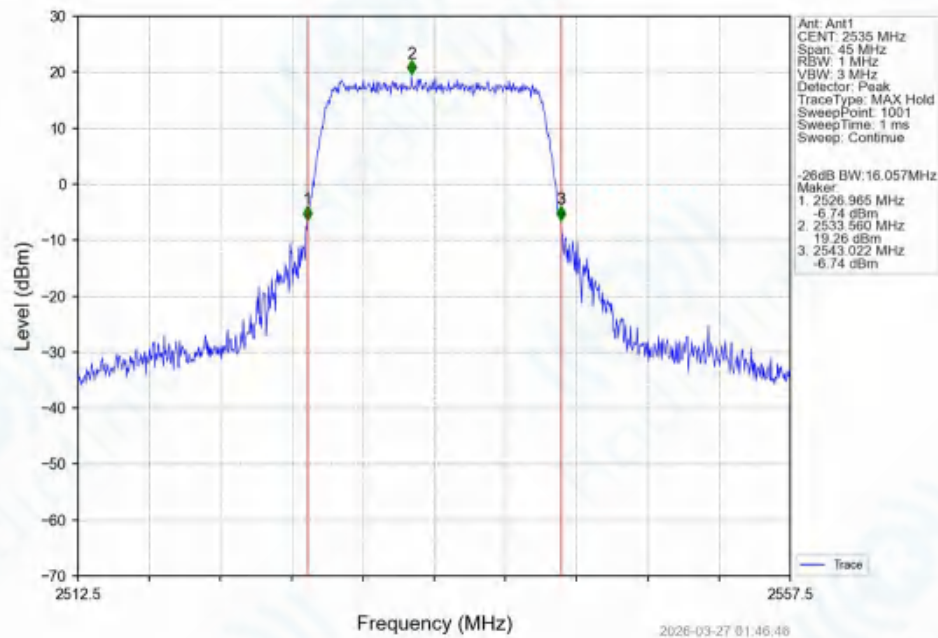
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

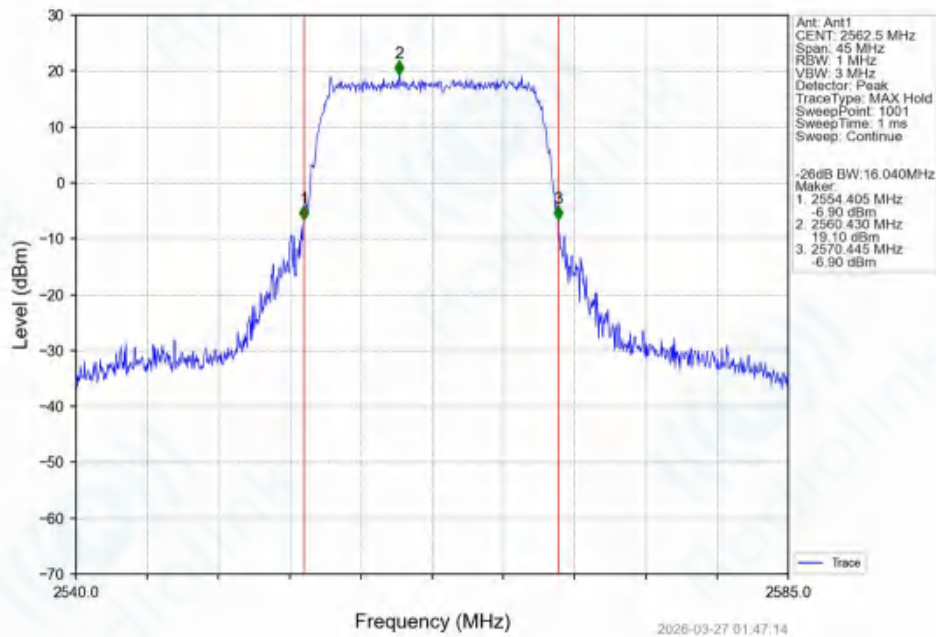


Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV

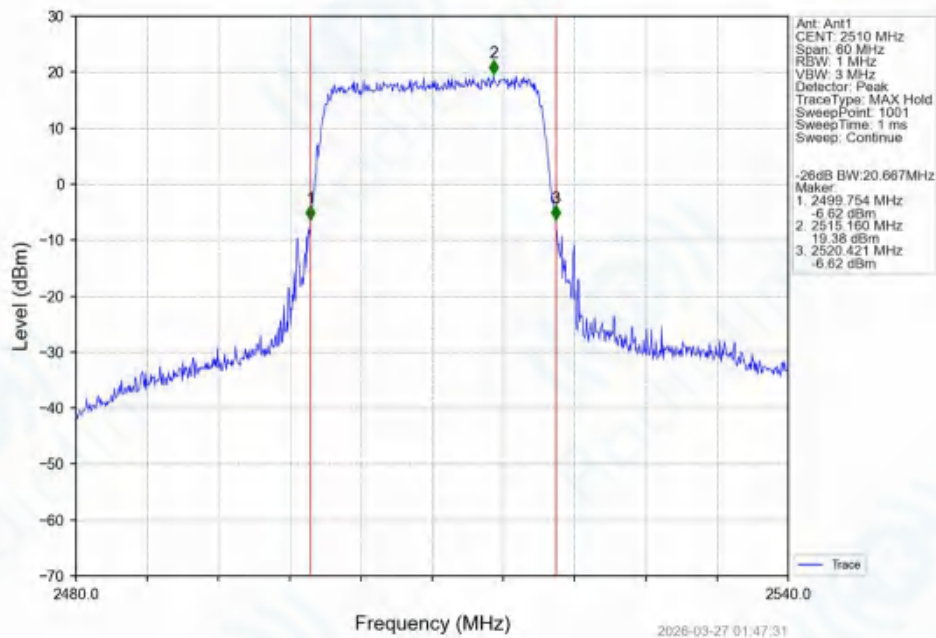

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Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



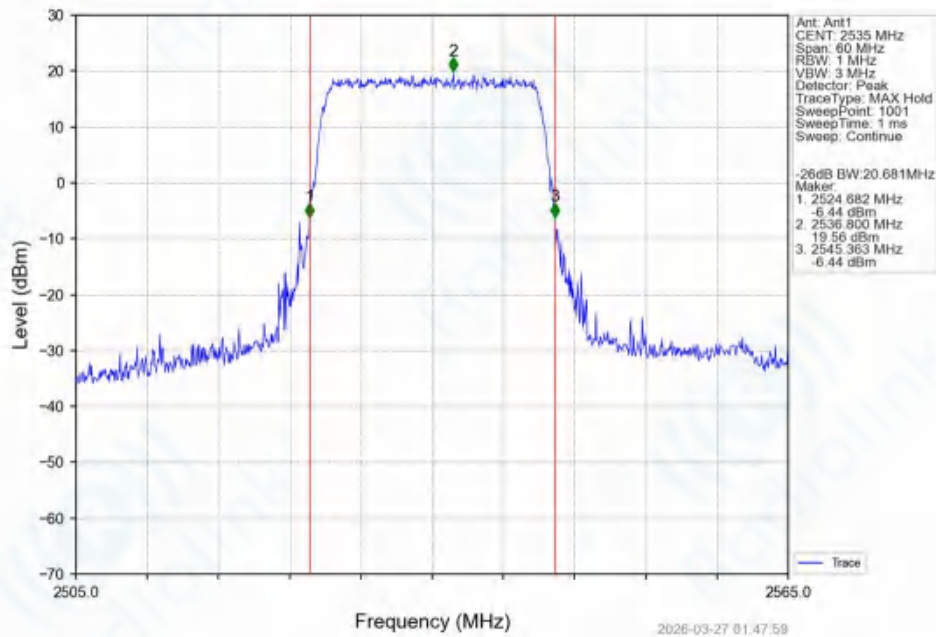
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV



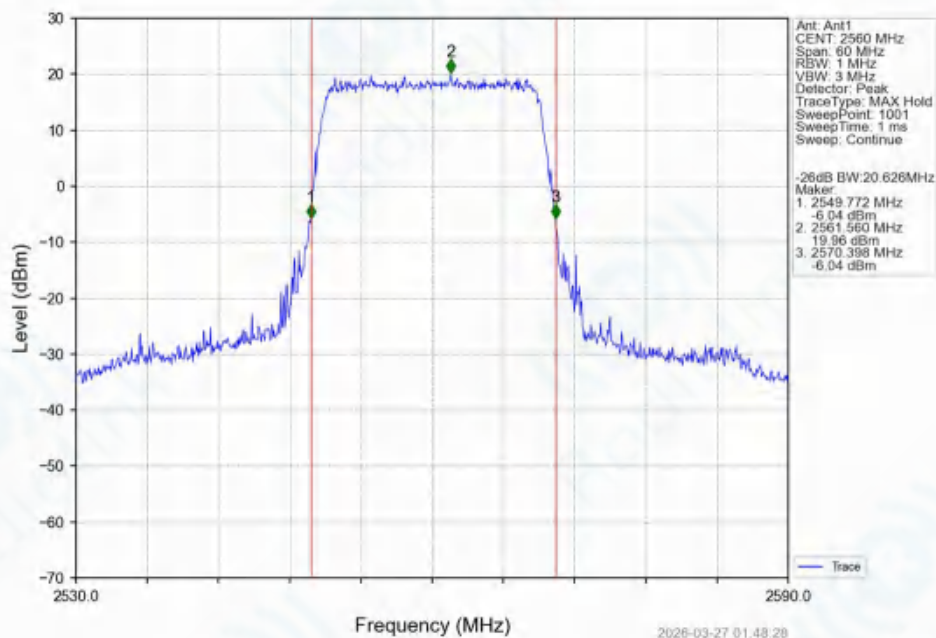
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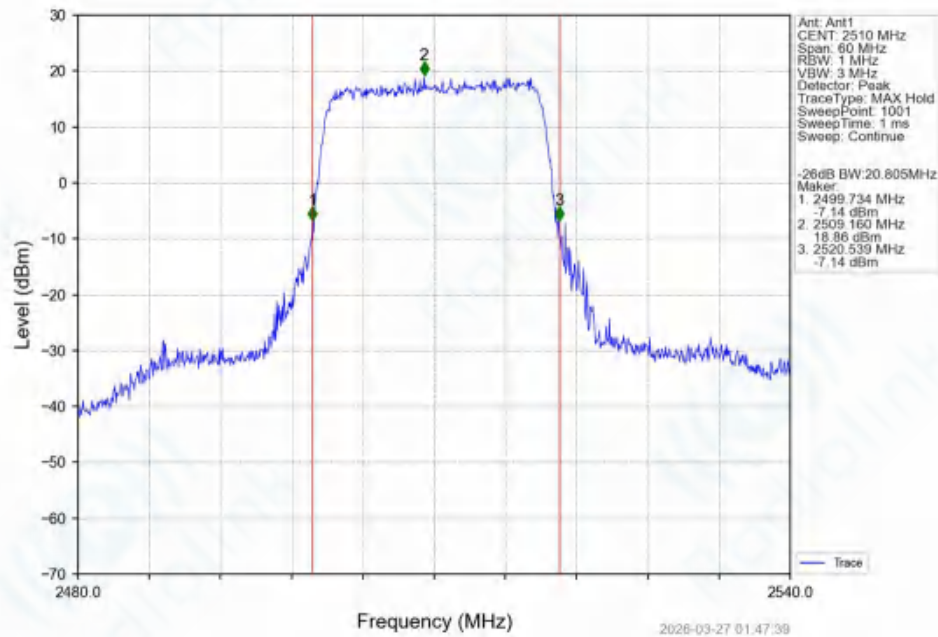
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



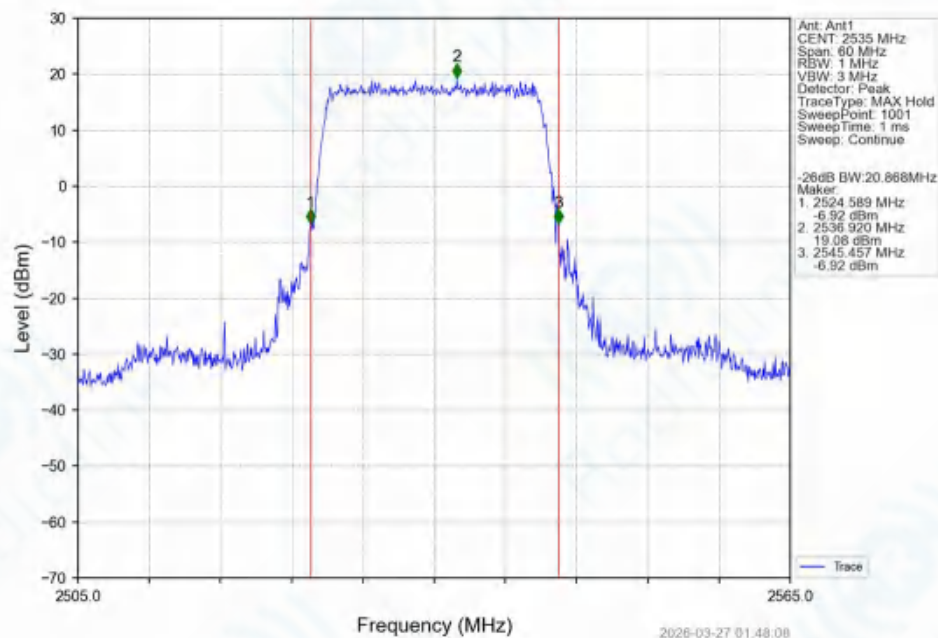
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



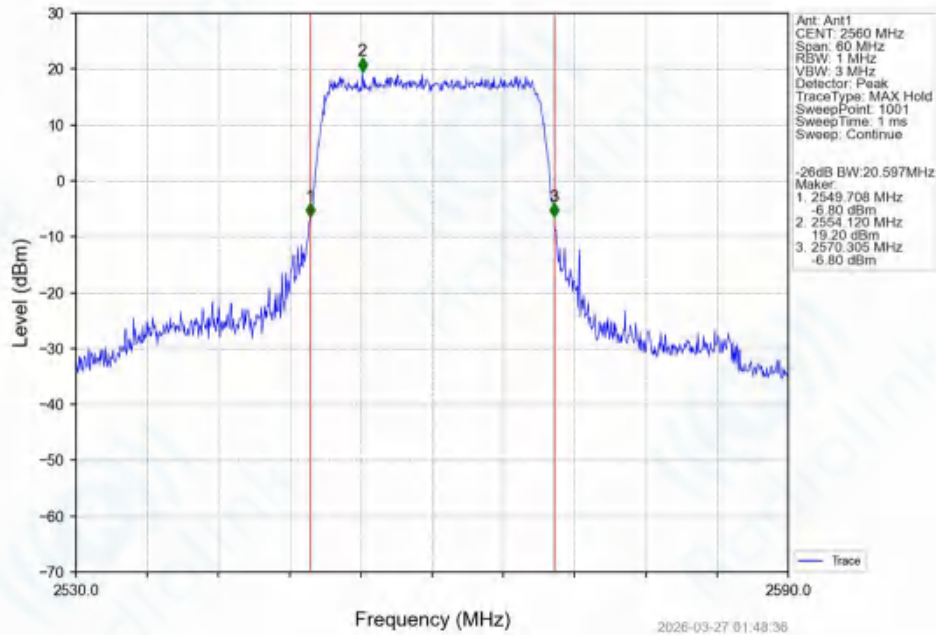
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



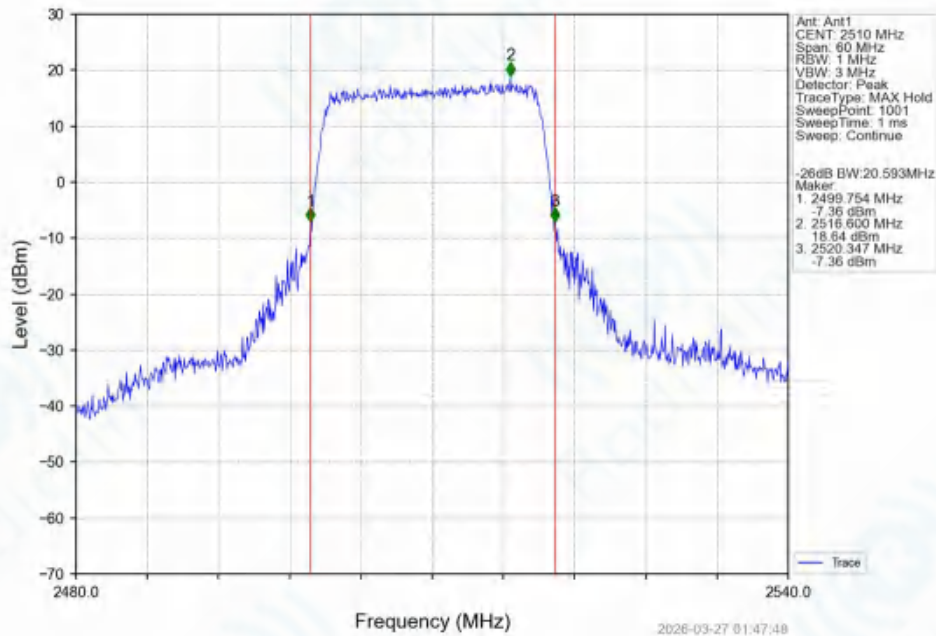
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Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



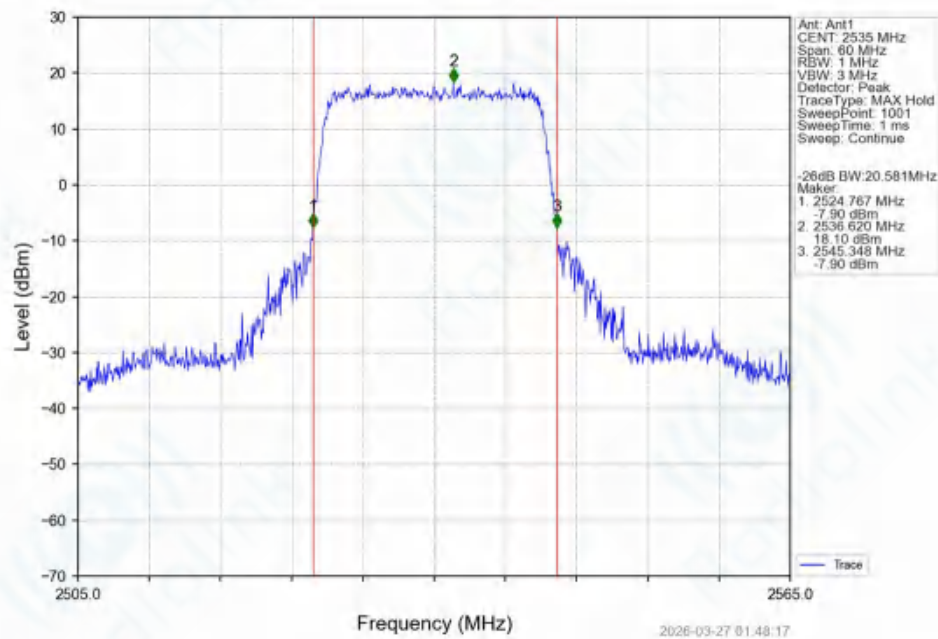
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTN



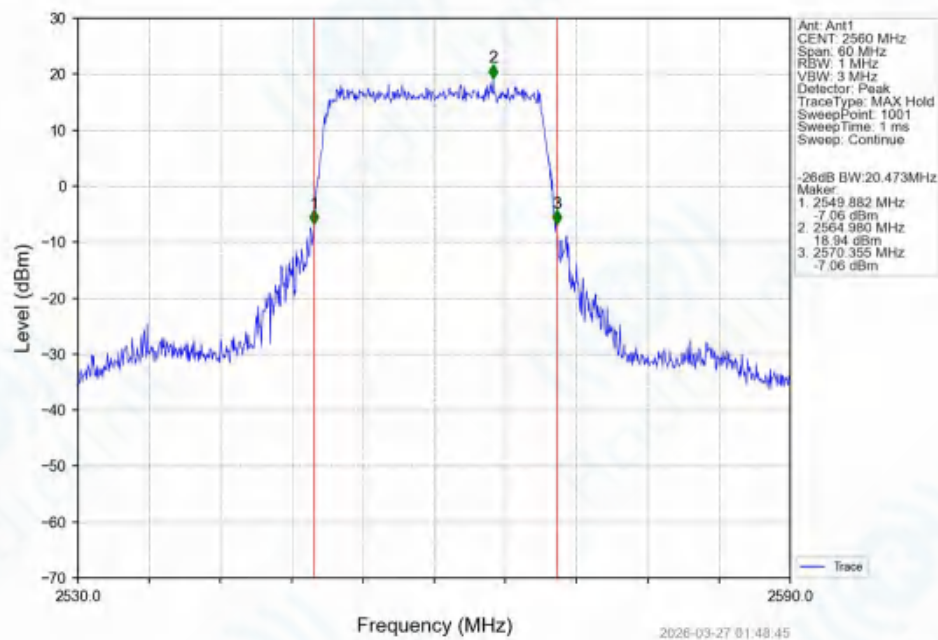
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Band7 20MHz 64QAM MCH 2535MHz RB 100\_0 NTN



Band7 20MHz 64QAM HCH 2560MHz RB 100\_0 NTN



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |           |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-----------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |           | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit     |         |
| QPSK                             | 2502.5          | 25            | 0      | 4.27                    | $\leq 13$ | Pass    |
|                                  | 2535            | 25            | 0      | 4.28                    | $\leq 13$ | Pass    |
|                                  | 2567.5          | 25            | 0      | 4.29                    | $\leq 13$ | Pass    |
| 16QAM                            | 2502.5          | 25            | 0      | 5.33                    | $\leq 13$ | Pass    |
|                                  | 2535            | 25            | 0      | 5.32                    | $\leq 13$ | Pass    |
|                                  | 2567.5          | 25            | 0      | 5.35                    | $\leq 13$ | Pass    |
| 64QAM                            | 2502.5          | 25            | 0      | 6.53                    | $\leq 13$ | Pass    |
|                                  | 2535            | 25            | 0      | 6.53                    | $\leq 13$ | Pass    |
|                                  | 2567.5          | 25            | 0      | 6.56                    | $\leq 13$ | Pass    |

#### 5.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |           |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-----------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |           | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit     |         |
| QPSK                              | 2505            | 50            | 0      | 4.31                    | $\leq 13$ | Pass    |
|                                   | 2535            | 50            | 0      | 4.30                    | $\leq 13$ | Pass    |
|                                   | 2565            | 50            | 0      | 4.29                    | $\leq 13$ | Pass    |
| 16QAM                             | 2505            | 50            | 0      | 5.32                    | $\leq 13$ | Pass    |
|                                   | 2535            | 50            | 0      | 5.31                    | $\leq 13$ | Pass    |
|                                   | 2565            | 50            | 0      | 5.32                    | $\leq 13$ | Pass    |
| 64QAM                             | 2505            | 50            | 0      | 6.51                    | $\leq 13$ | Pass    |
|                                   | 2535            | 50            | 0      | 6.52                    | $\leq 13$ | Pass    |
|                                   | 2565            | 50            | 0      | 6.51                    | $\leq 13$ | Pass    |

#### 5.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |           |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-----------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |           | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit     |         |
| QPSK                              | 2507.5          | 75            | 0      | 4.41                    | $\leq 13$ | Pass    |
|                                   | 2535            | 75            | 0      | 4.38                    | $\leq 13$ | Pass    |
|                                   | 2562.5          | 75            | 0      | 4.36                    | $\leq 13$ | Pass    |
| 16QAM                             | 2507.5          | 75            | 0      | 5.36                    | $\leq 13$ | Pass    |
|                                   | 2535            | 75            | 0      | 5.33                    | $\leq 13$ | Pass    |
|                                   | 2562.5          | 75            | 0      | 5.33                    | $\leq 13$ | Pass    |
| 64QAM                             | 2507.5          | 75            | 0      | 6.55                    | $\leq 13$ | Pass    |
|                                   | 2535            | 75            | 0      | 6.54                    | $\leq 13$ | Pass    |
|                                   | 2562.5          | 75            | 0      | 6.54                    | $\leq 13$ | Pass    |

#### 5.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |           |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-----------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |           | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit     |         |
| QPSK                              | 2510            | 100           | 0      | 4.29                    | $\leq 13$ | Pass    |
|                                   | 2535            | 100           | 0      | 4.25                    | $\leq 13$ | Pass    |
|                                   | 2560            | 100           | 0      | 4.22                    | $\leq 13$ | Pass    |
| 16QAM                             | 2510            | 100           | 0      | 5.29                    | $\leq 13$ | Pass    |

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|       |      |     |   |      |           |      |
|-------|------|-----|---|------|-----------|------|
| 64QAM | 2535 | 100 | 0 | 5.24 | $\leq 13$ | Pass |
|       | 2560 | 100 | 0 | 5.23 | $\leq 13$ | Pass |
|       | 2510 | 100 | 0 | 6.51 | $\leq 13$ | Pass |
|       | 2535 | 100 | 0 | 6.49 | $\leq 13$ | Pass |
|       | 2560 | 100 | 0 | 6.48 | $\leq 13$ | Pass |

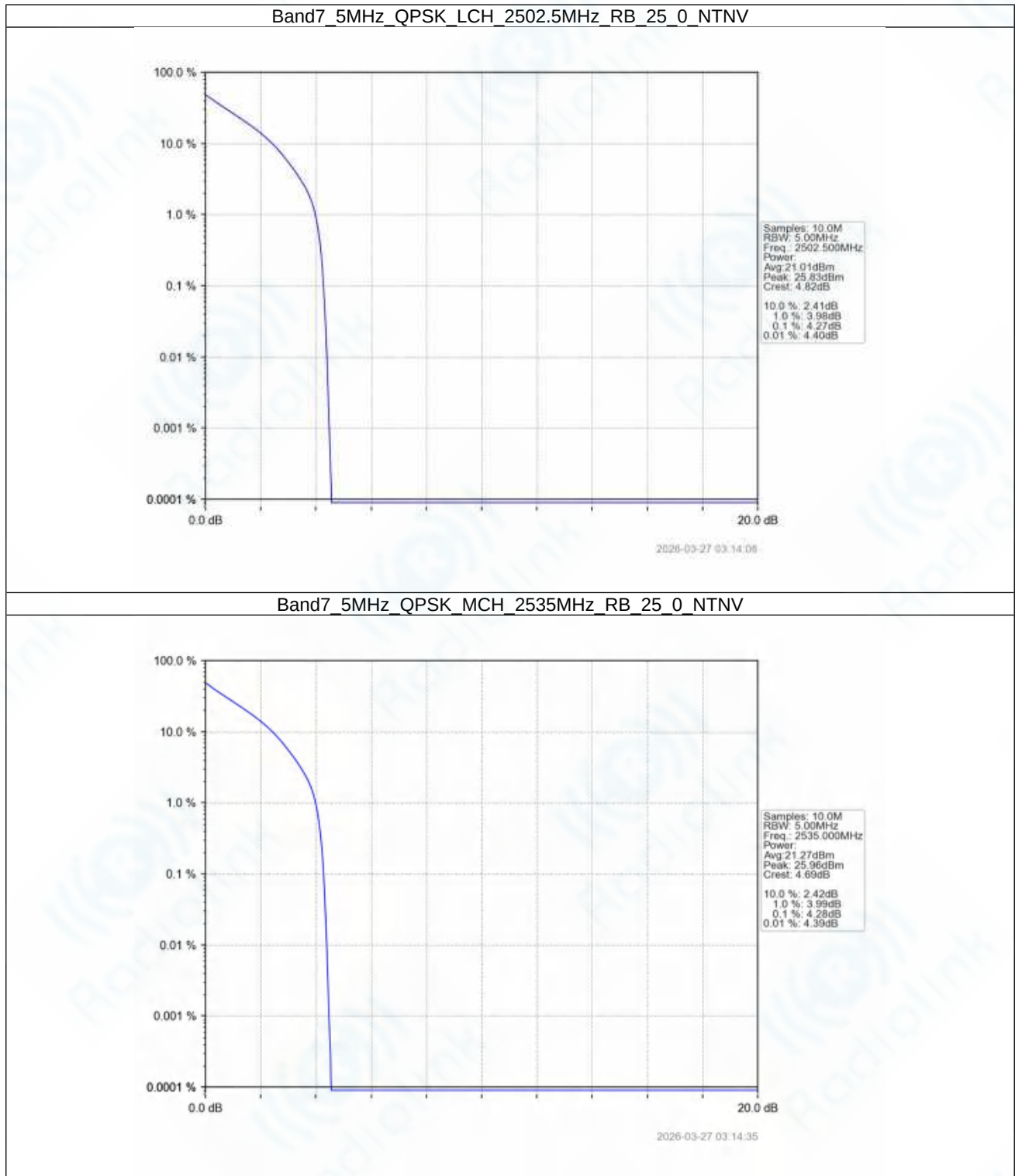


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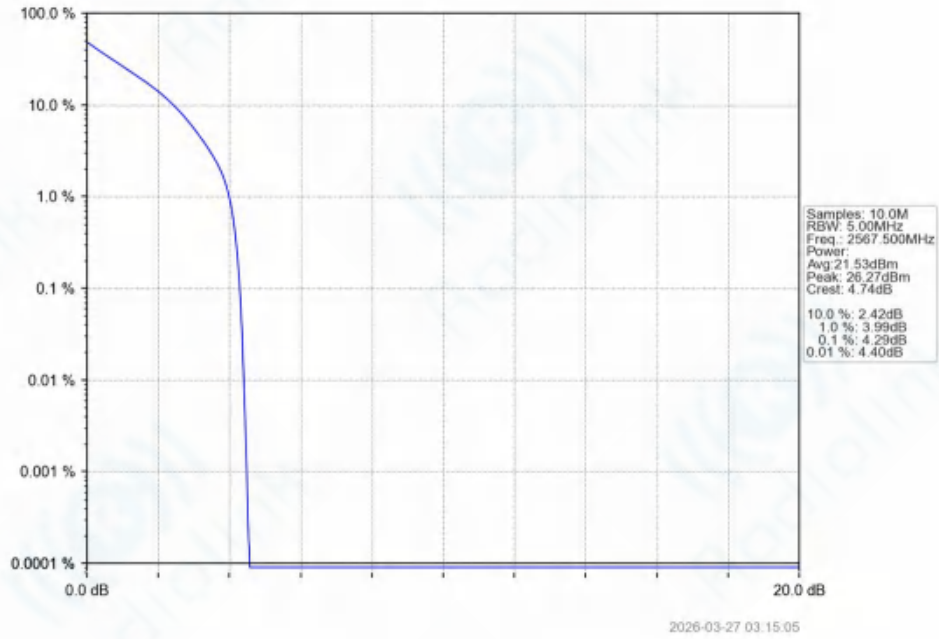
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## 5.2 Test Graph

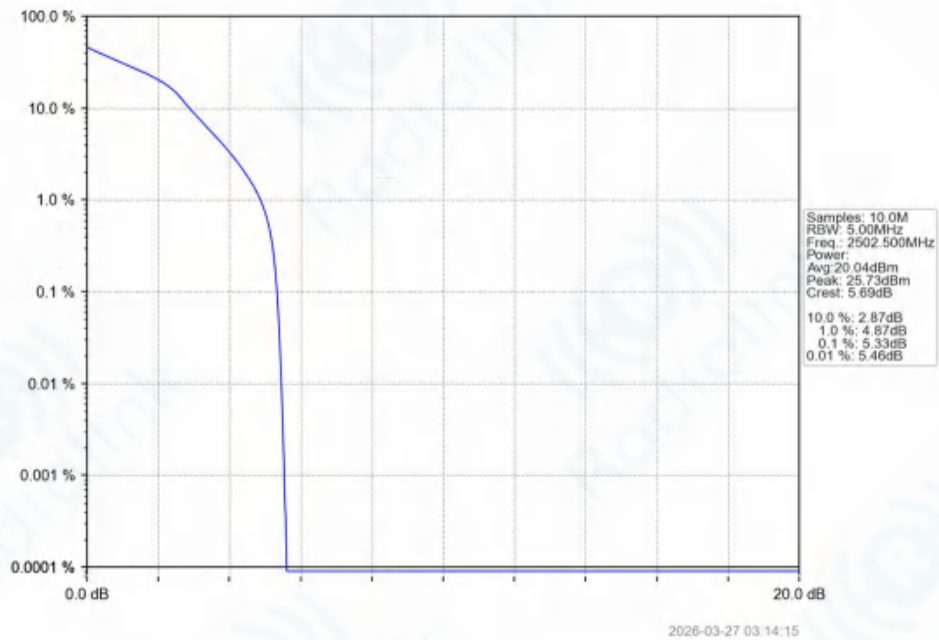
### 5.2.1 B7\_5MHz



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



Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

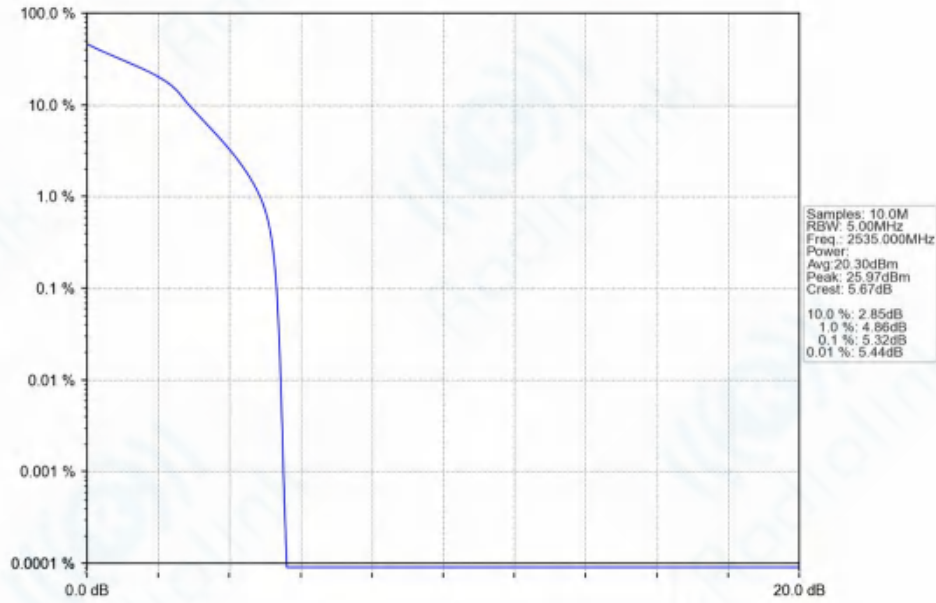


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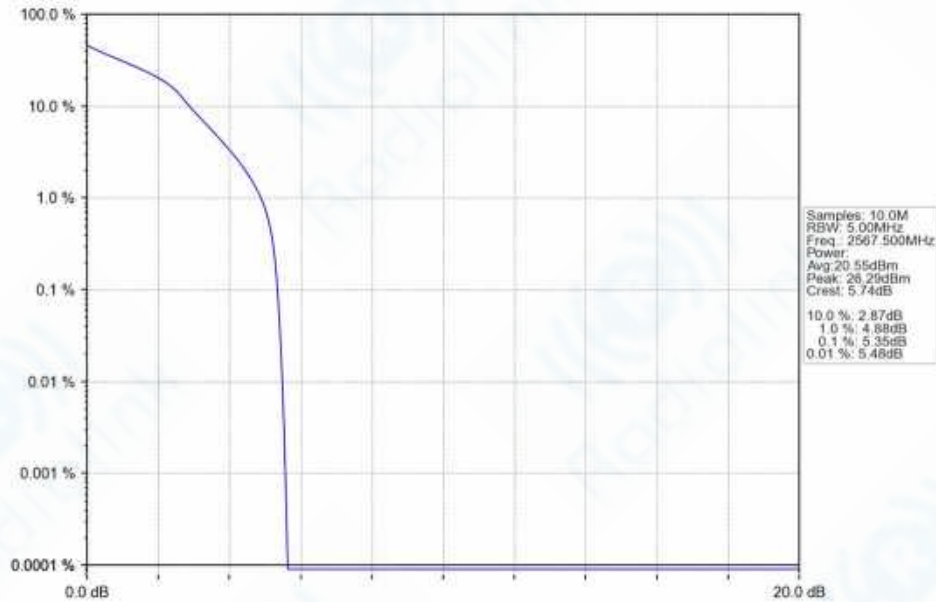
Tel: +86 0755 23080694

Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



2026-03-27 03:14:44

Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



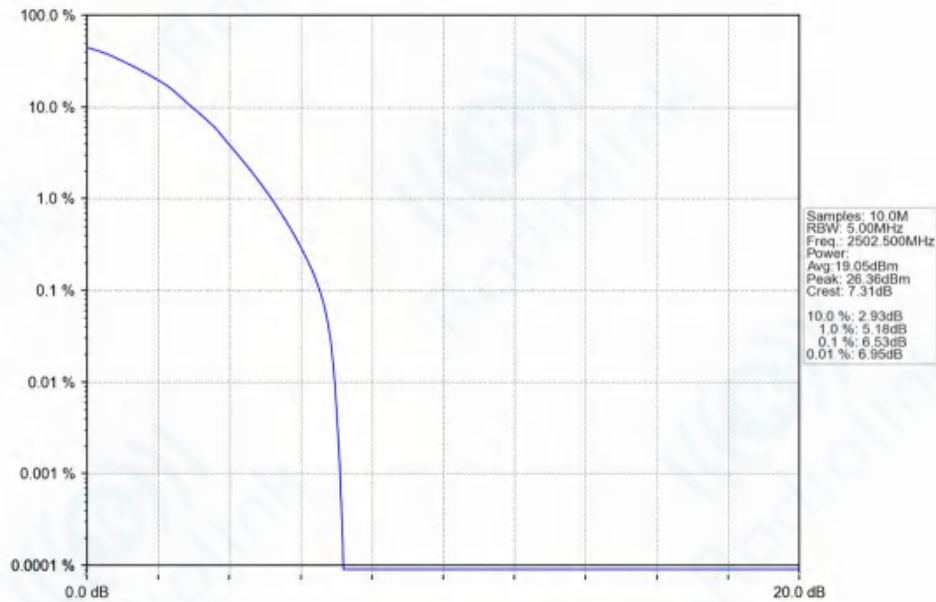
2026-03-27 03:15:14

**Radiolink Testing (Shenzhen) Co., Ltd.**

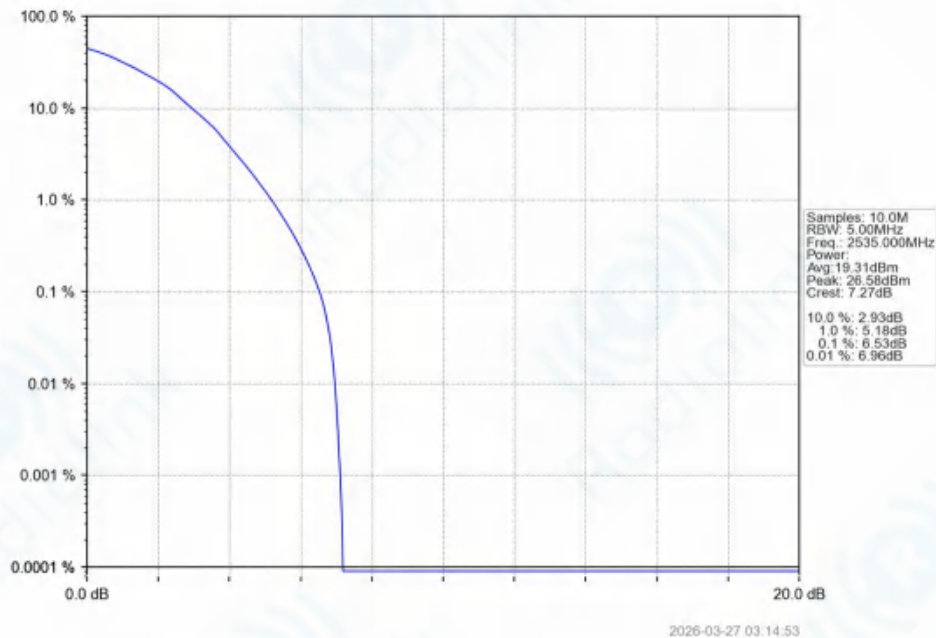
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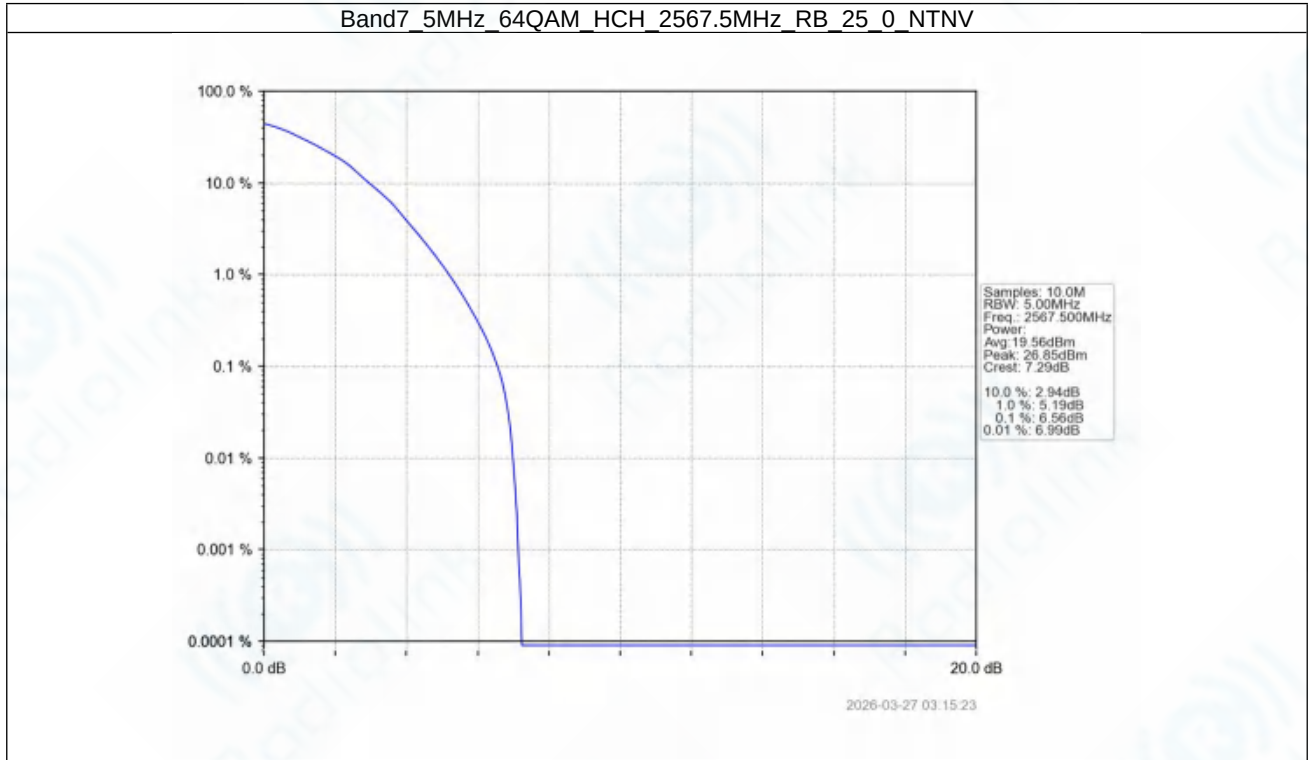
Tel: +86 0755 23080694

Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV

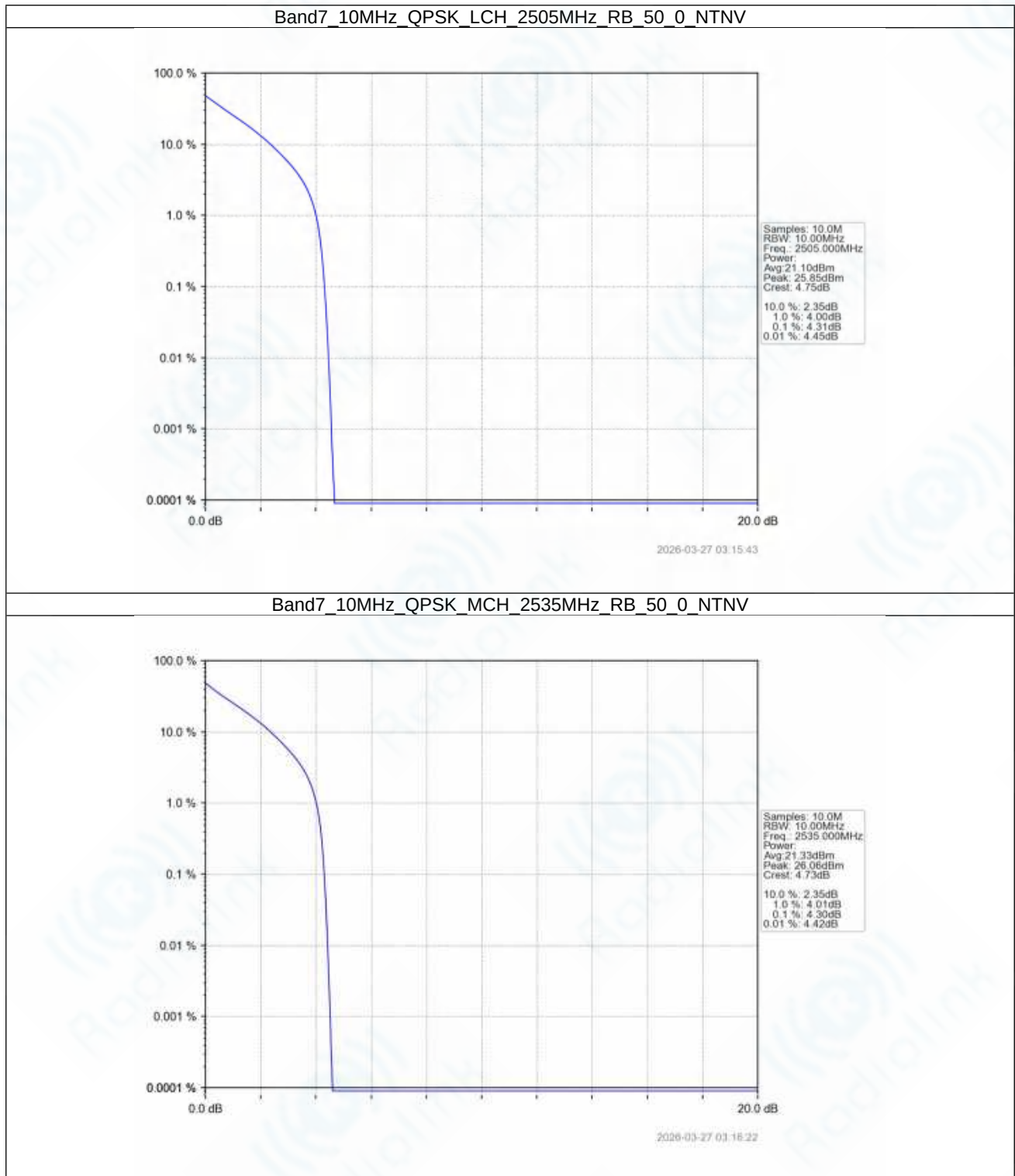




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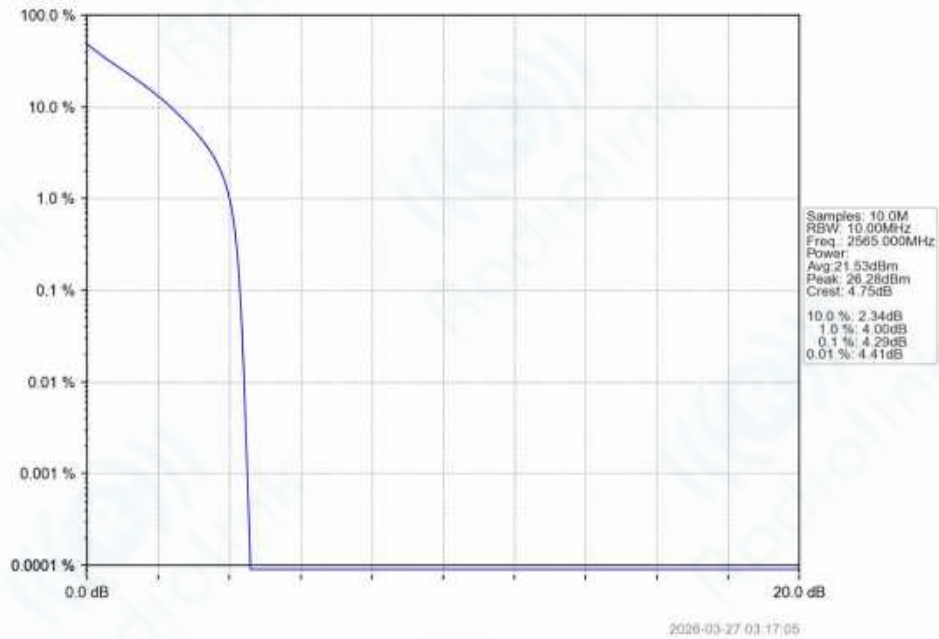
### 5.2.2 B7\_10MHz



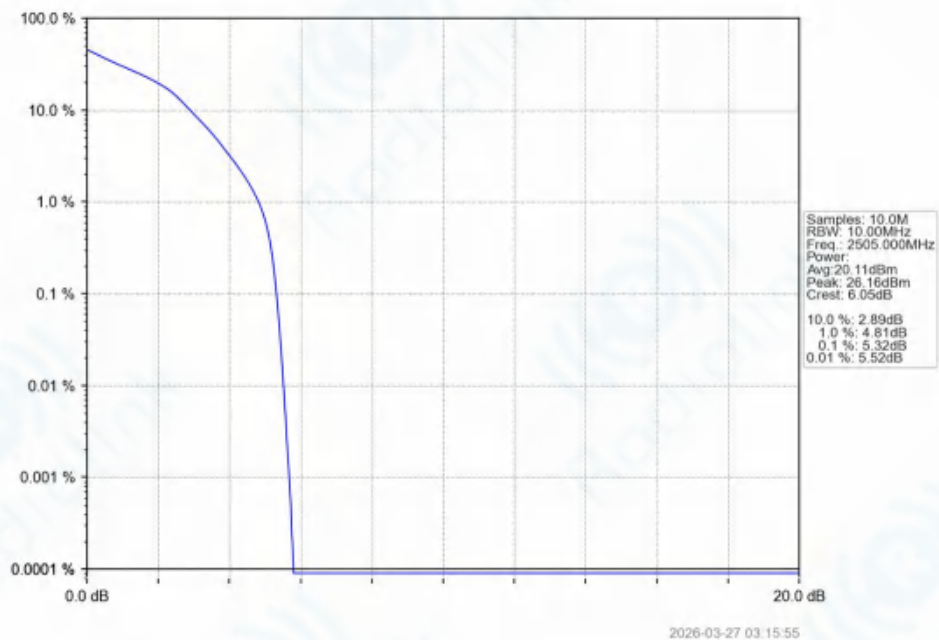
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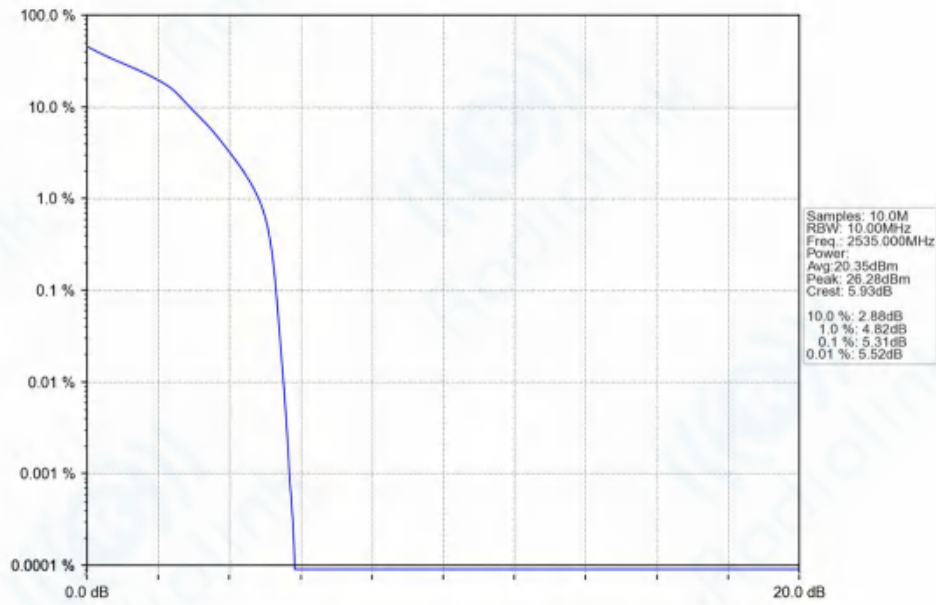
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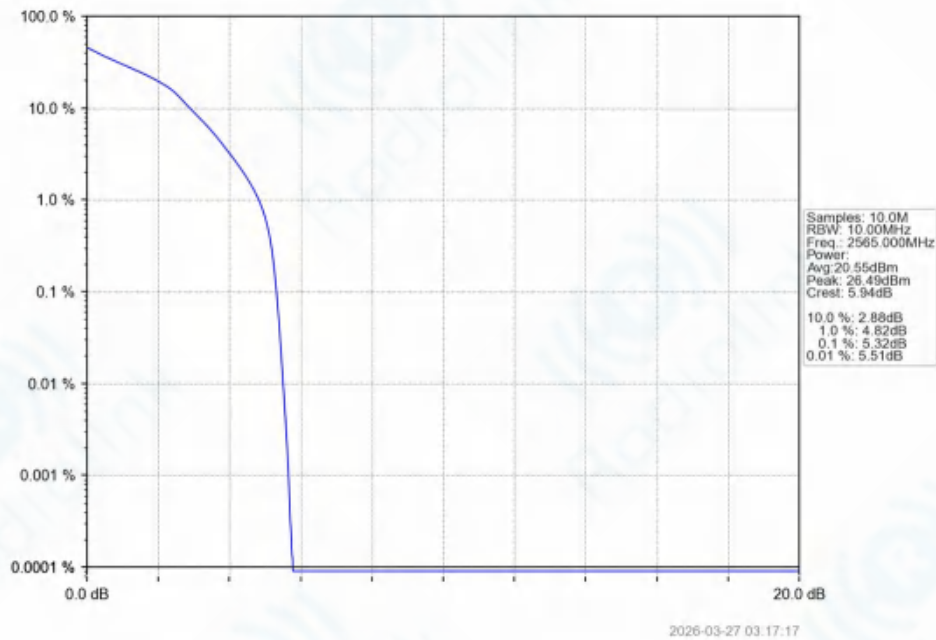
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Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV

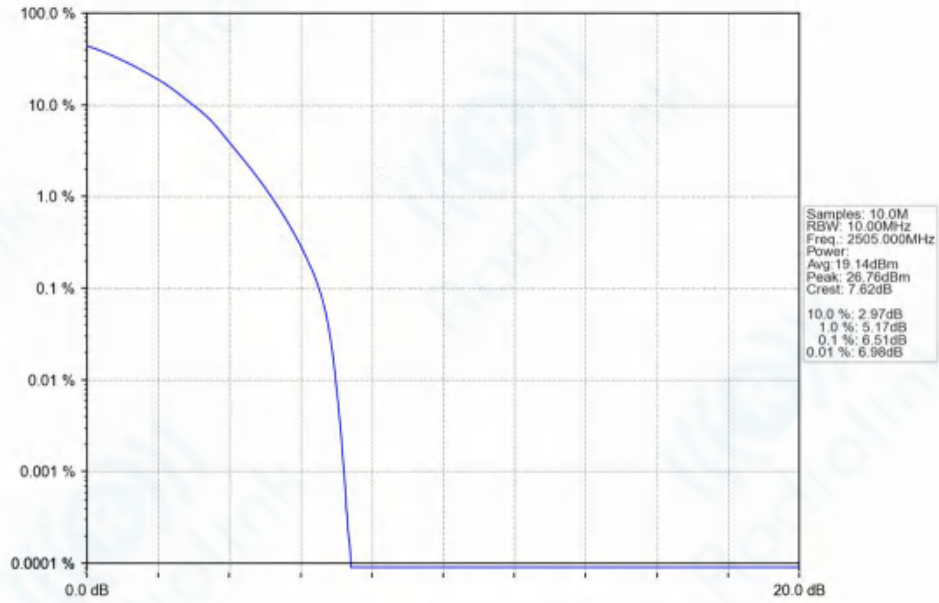


**Radiolink Testing (Shenzhen) Co., Ltd.**

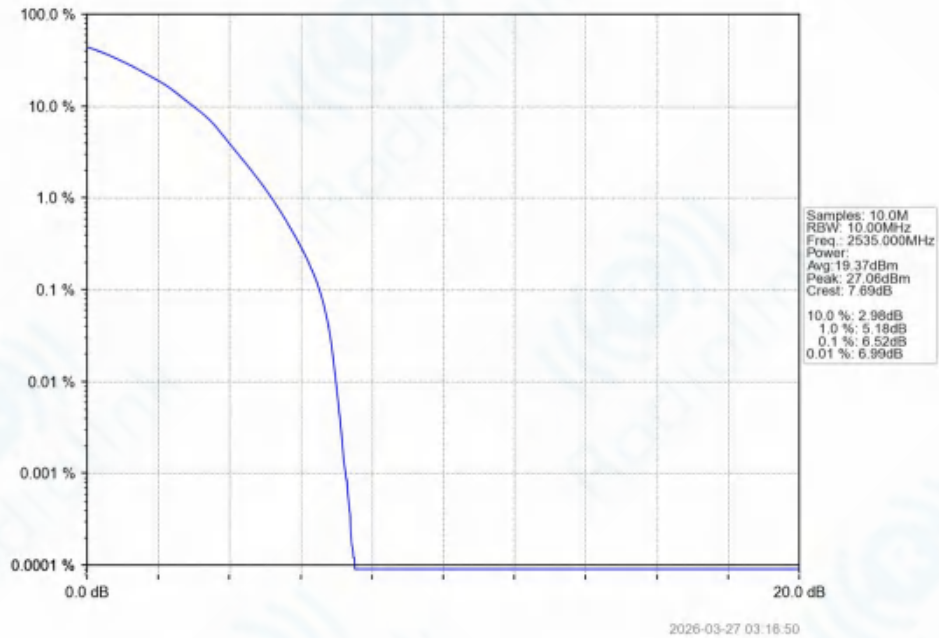
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Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV

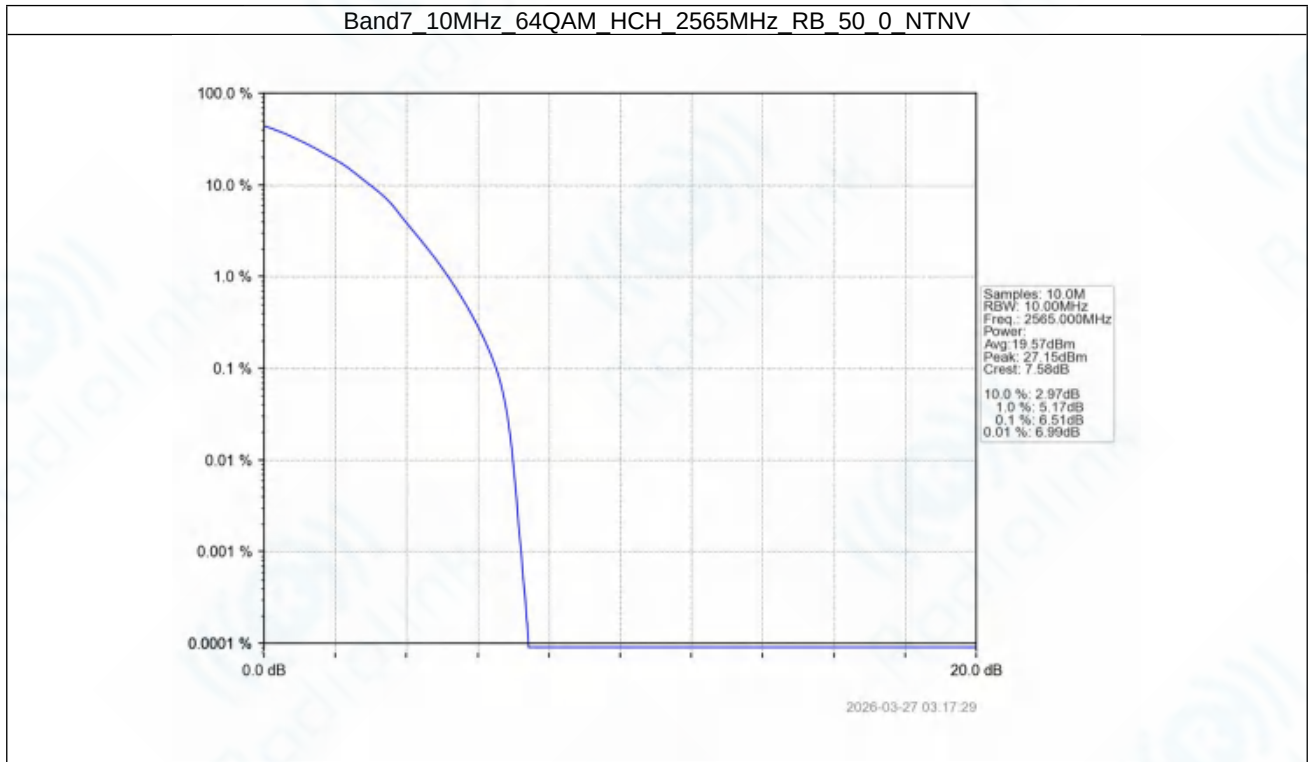


Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV


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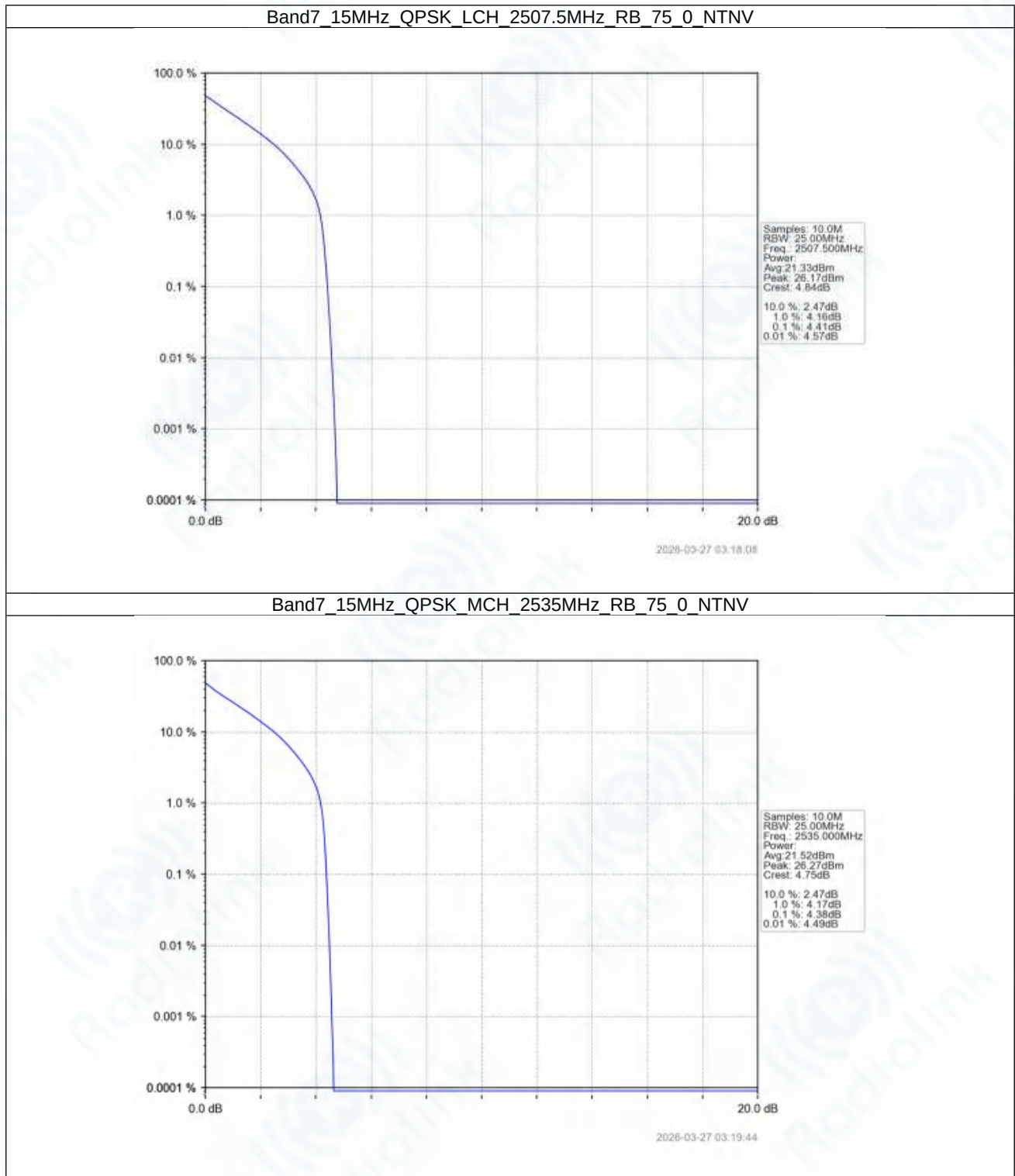
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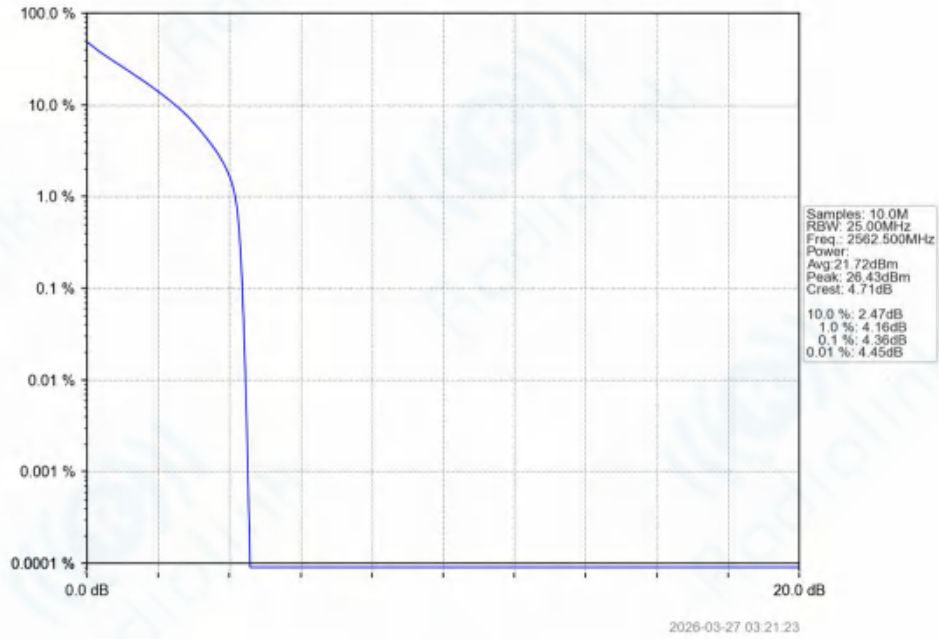
### 5.2.3 B7\_15MHz



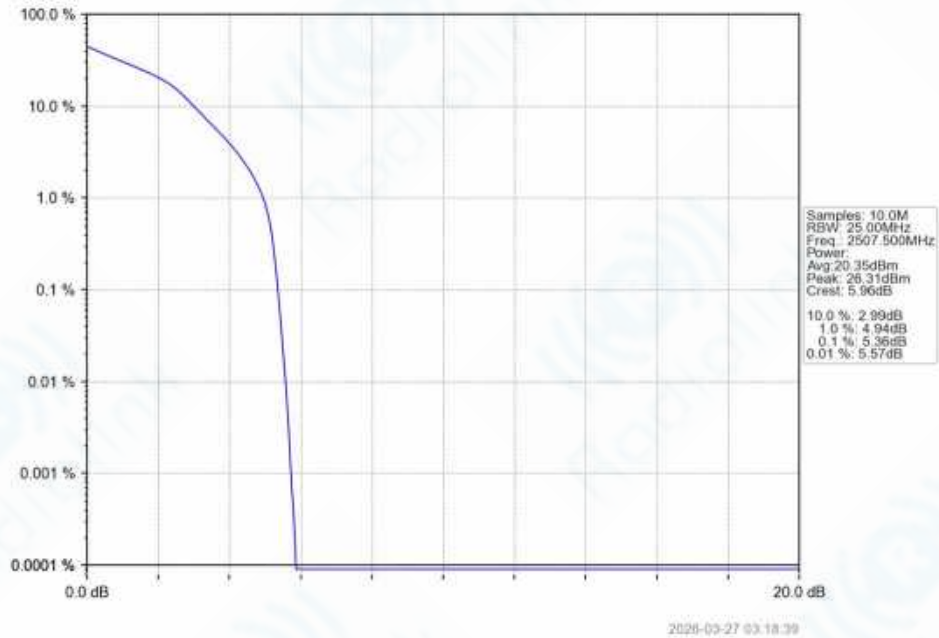
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Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



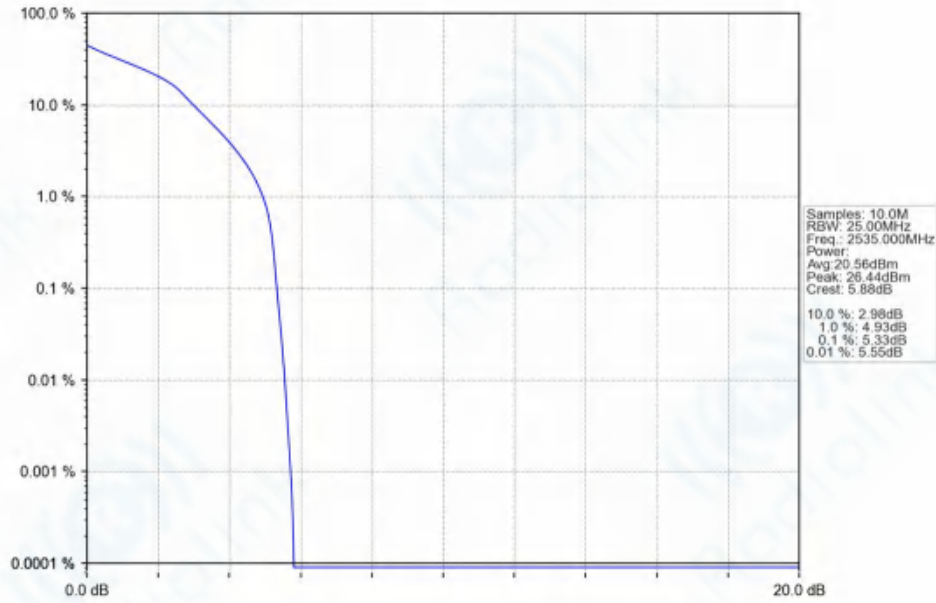
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV


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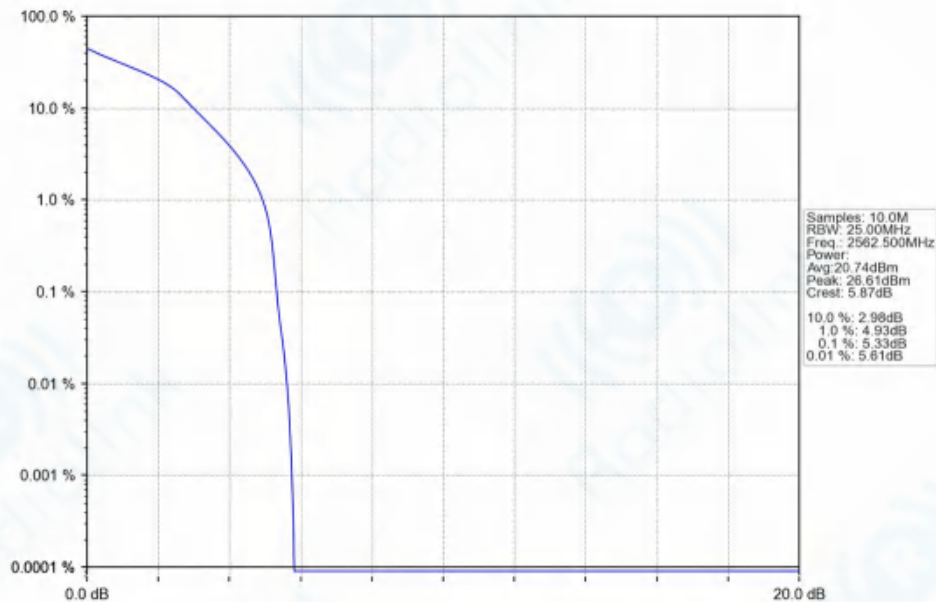
Tel: +86 0755 23080694

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



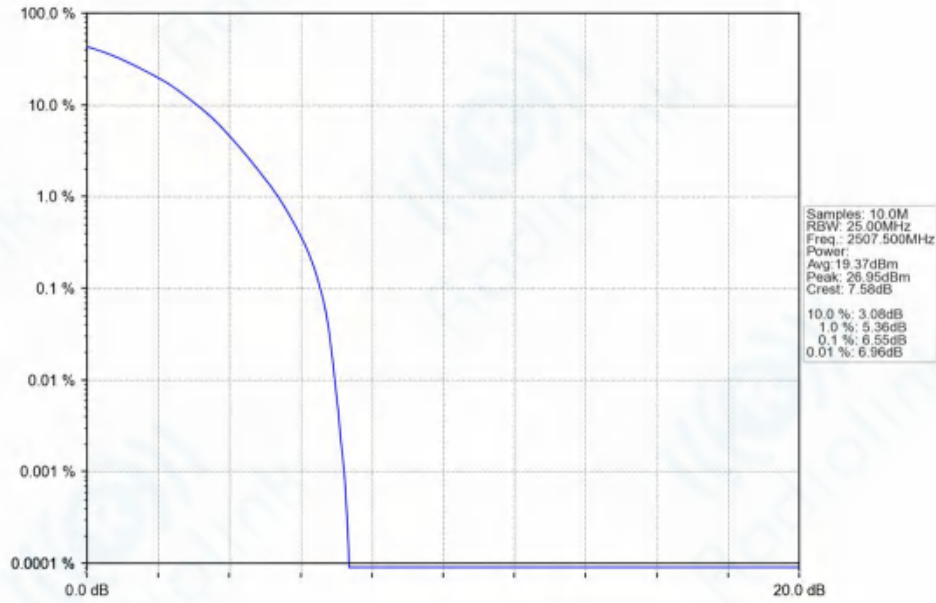
2026-03-27 03:20:17

Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



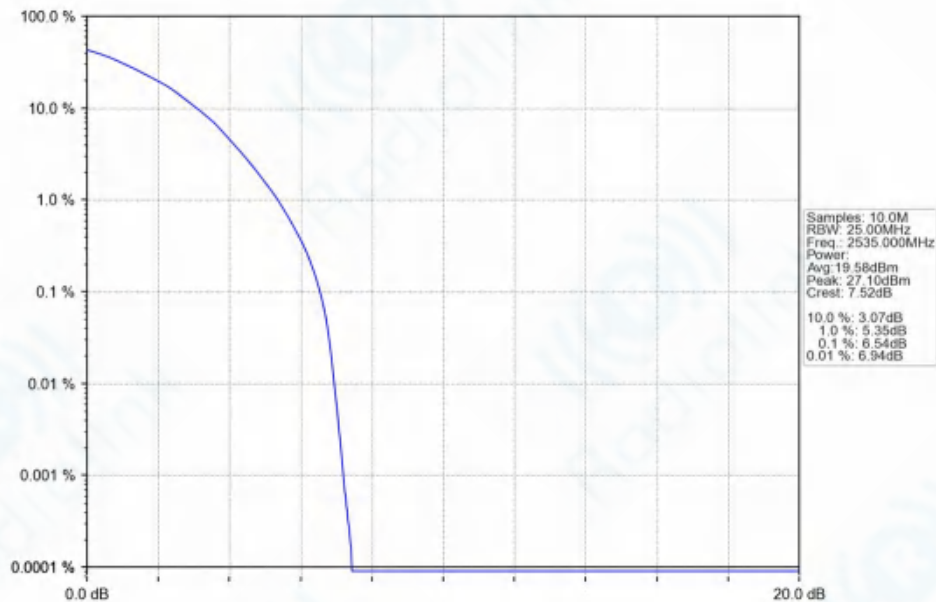
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Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



2026-03-27 03:19:10

Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV

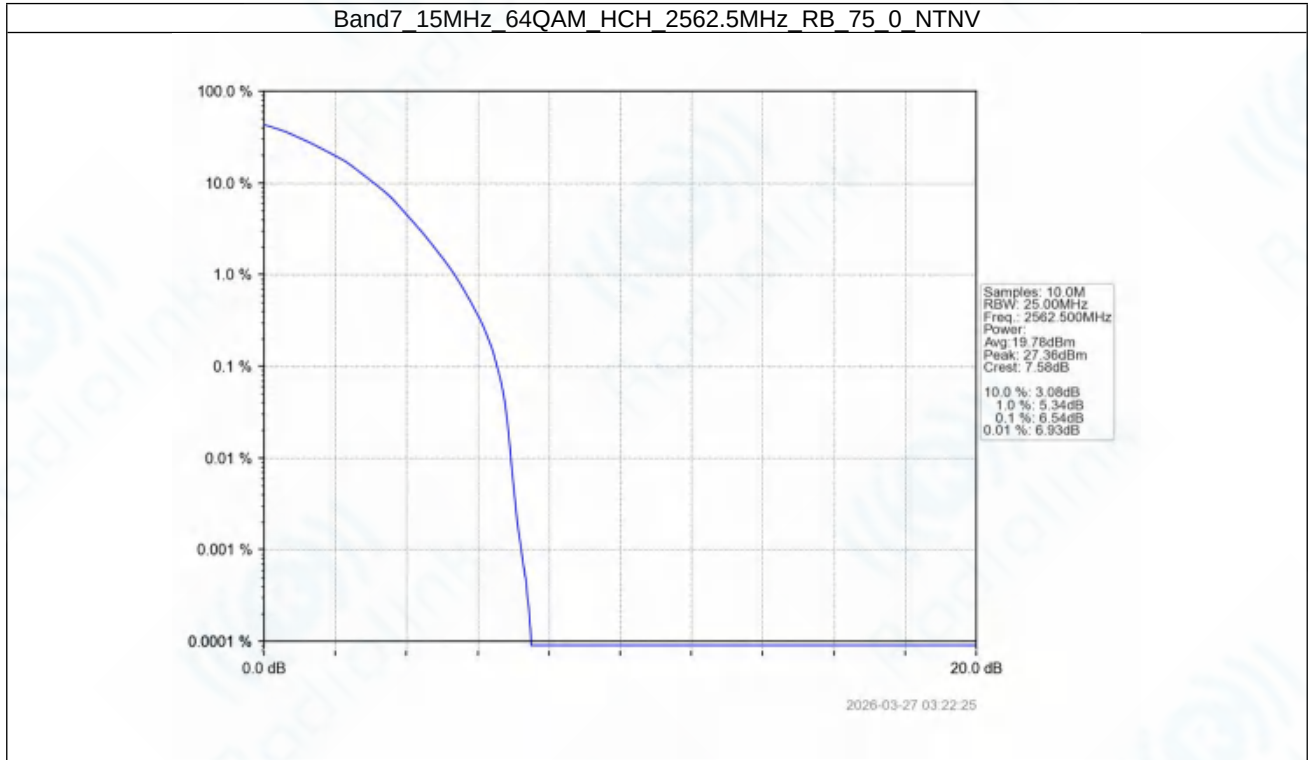


2026-03-27 03:20:48


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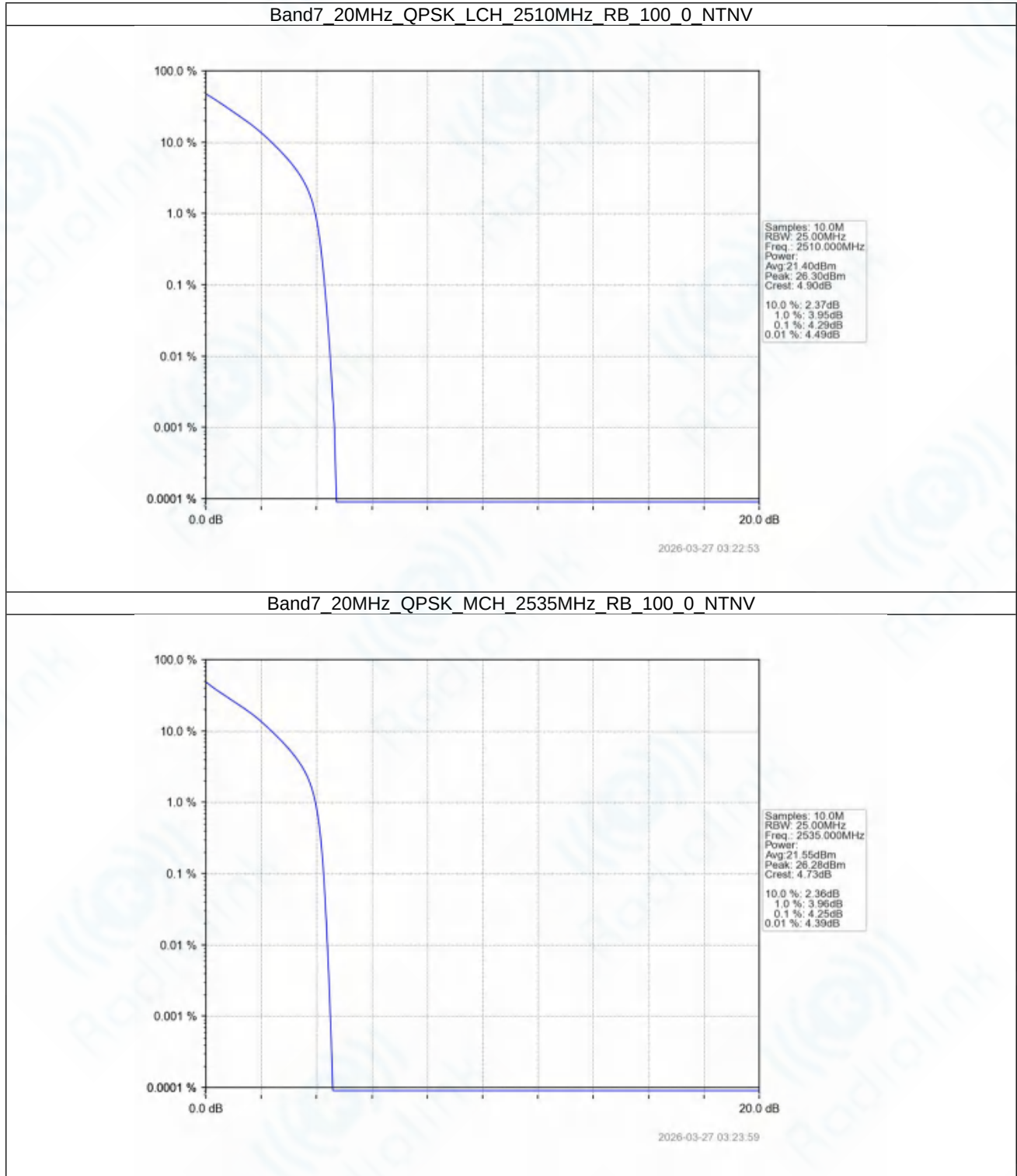
Tel: +86 0755 23080694



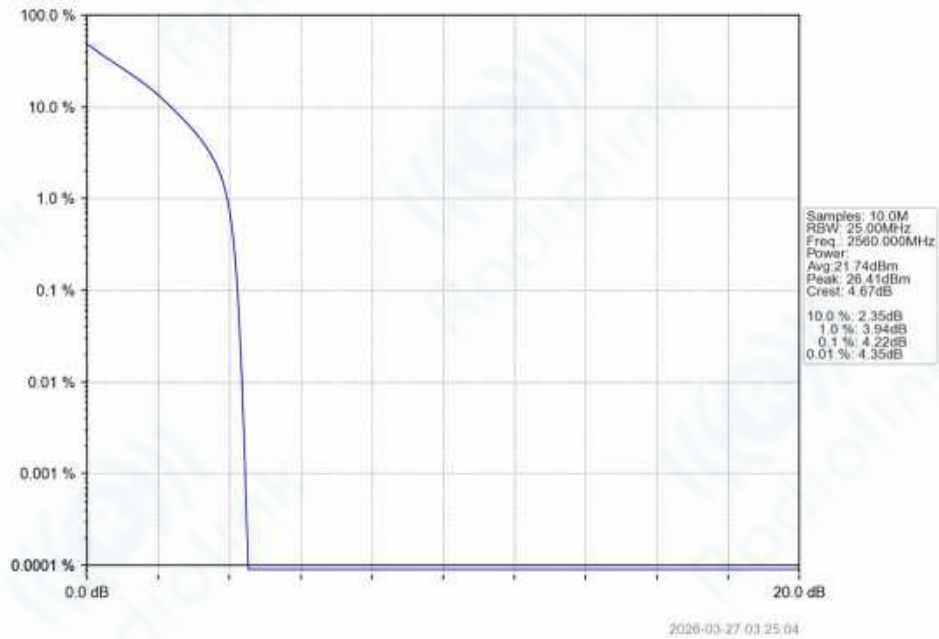
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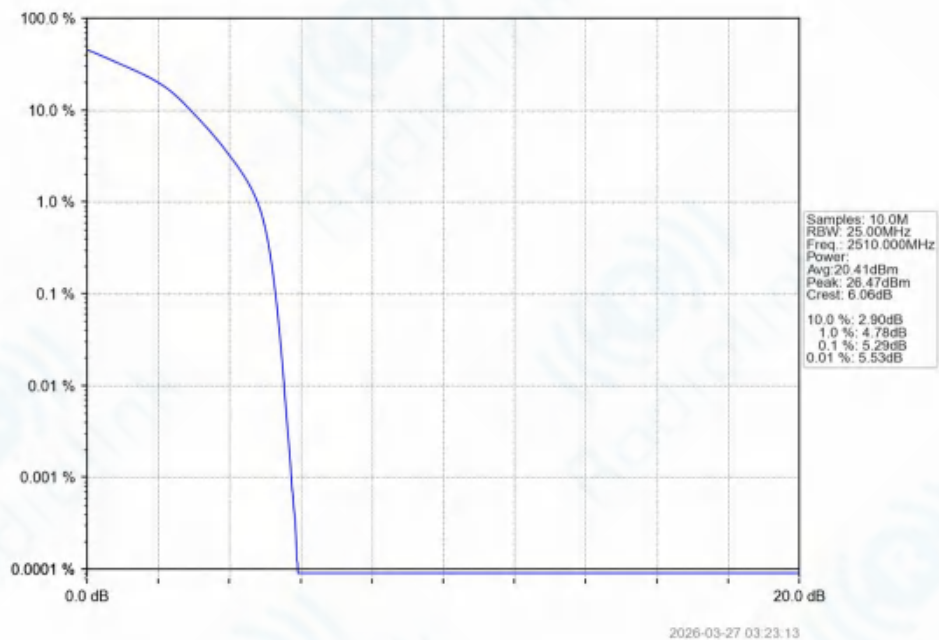
### 5.2.4 B7\_20MHz



Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV



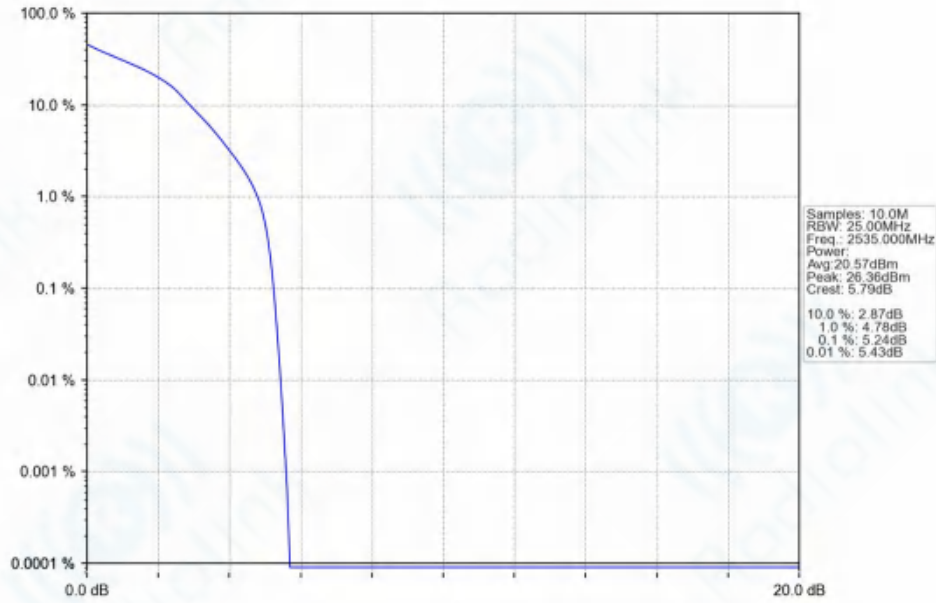
Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



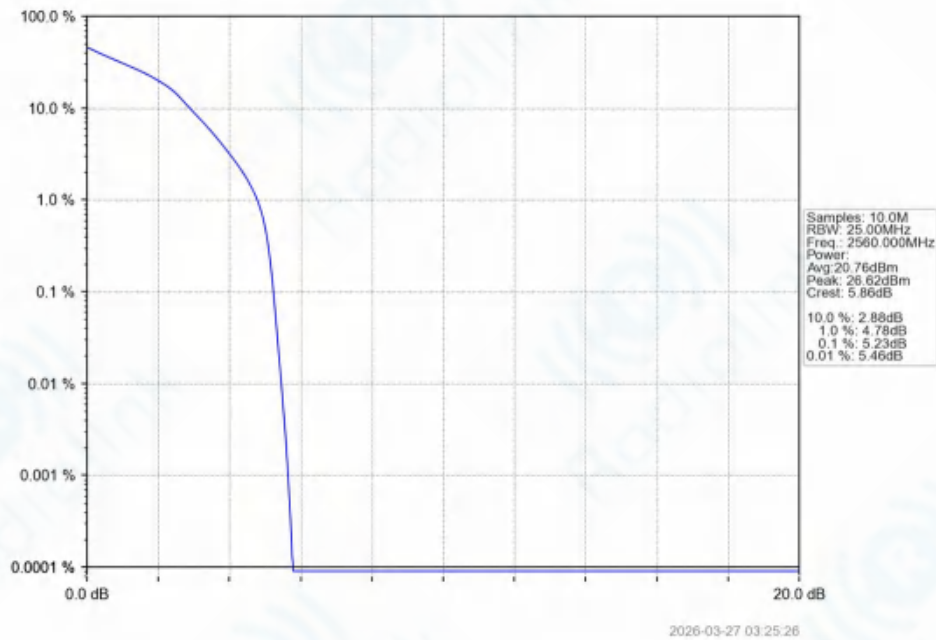
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

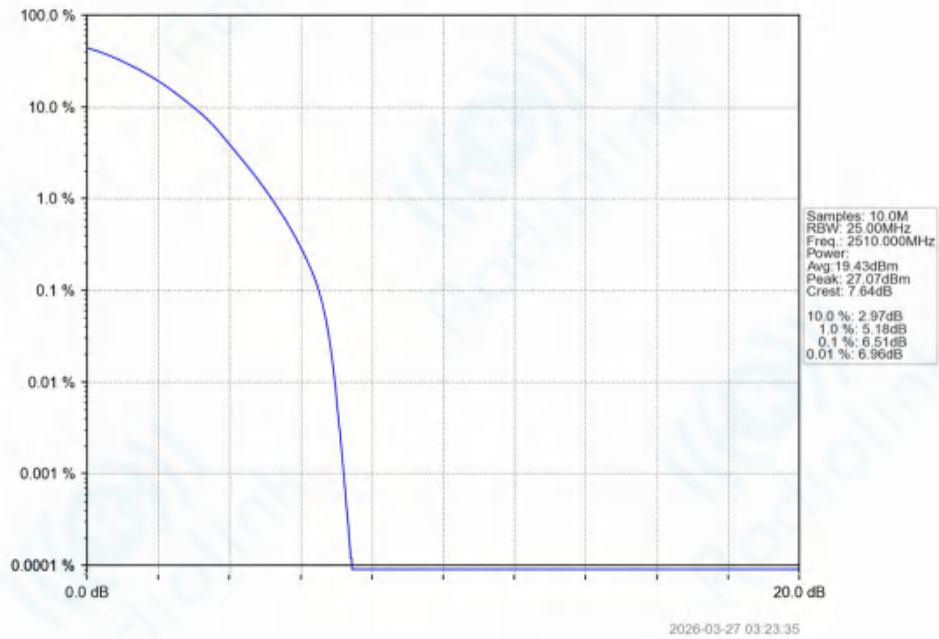


Radiolink Testing (Shenzhen) Co., Ltd.

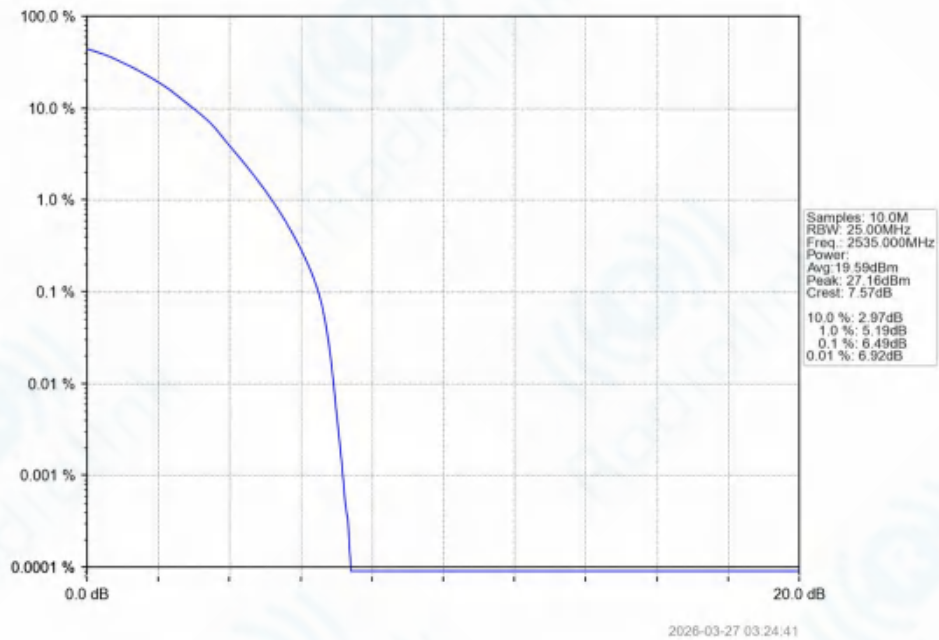
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China

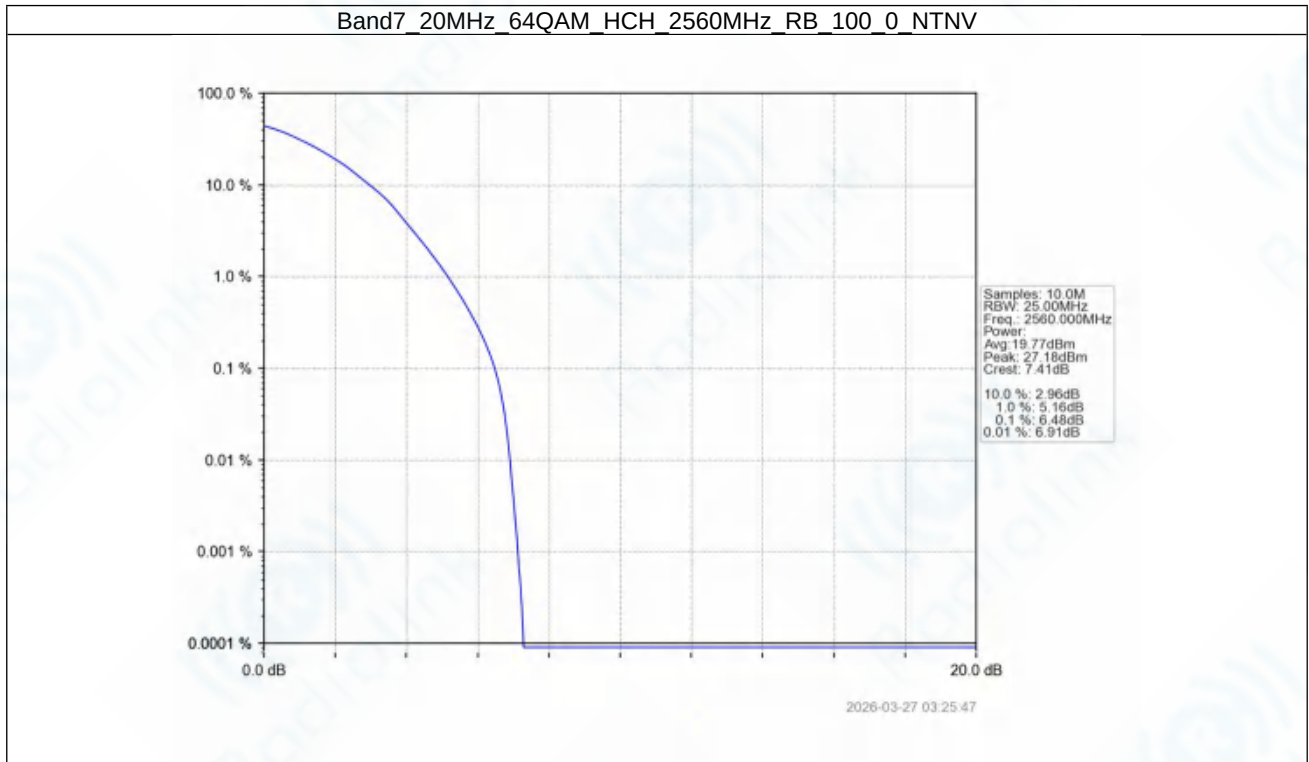
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Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTN



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





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## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 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    |
| 16QAM                            | 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    |
| 64QAM                            | 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    |

#### 6.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |                     |                     |       |         |
|-----------------------------------|-----------------|---------------|---------------------|---------------------|-------|---------|
| 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    |
| 16QAM                             | 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    |
| 64QAM                             | 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  |         |

#### 6.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

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|       |        |    |    |                     |      |
|-------|--------|----|----|---------------------|------|
|       | 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 |
| 16QAM | 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 |
| 64QAM | 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 |

#### 6.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTN |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                  | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 99     | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 2510            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 99     | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                            | 2510            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 99     | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

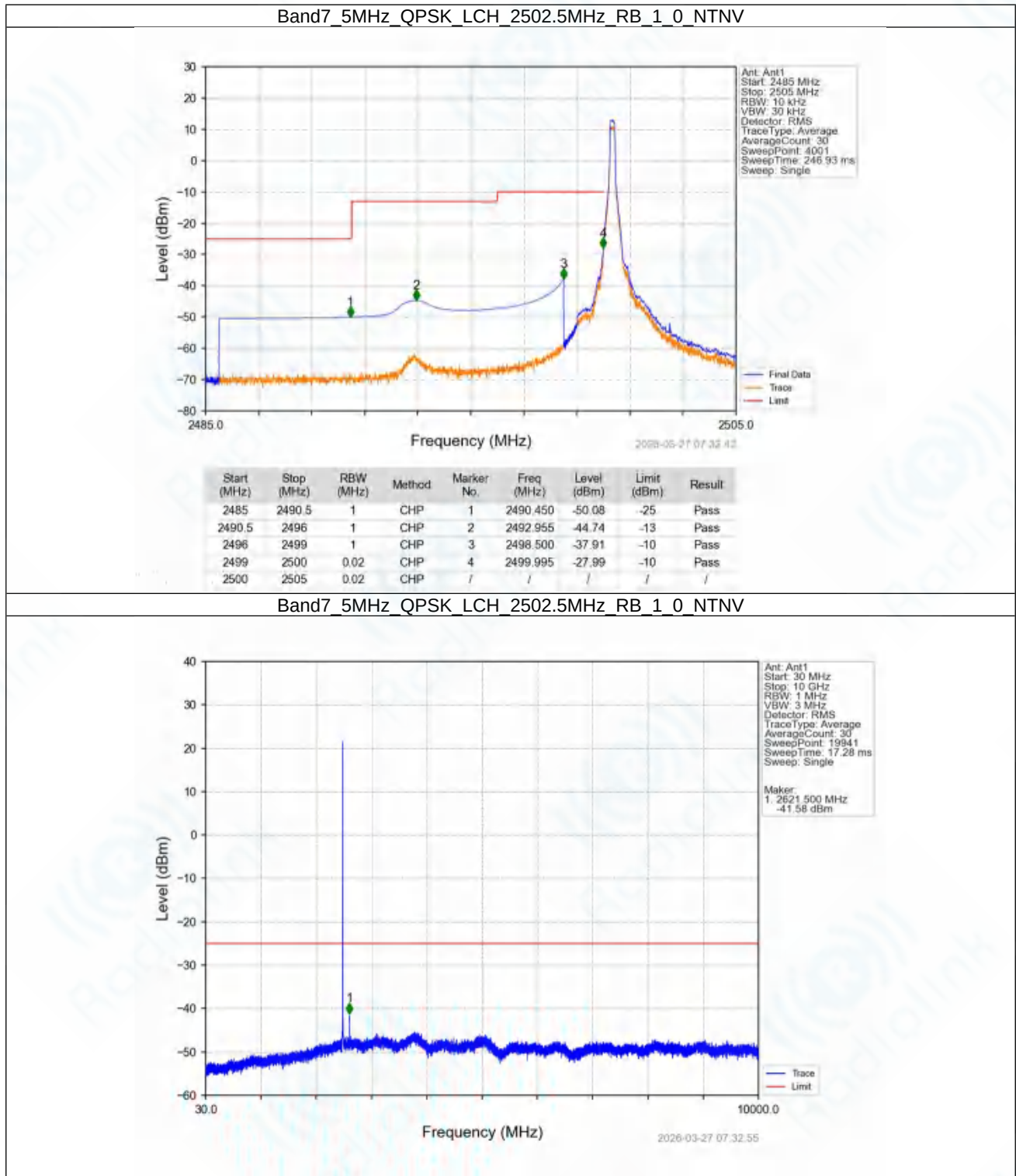


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## 6.2 Test Graph

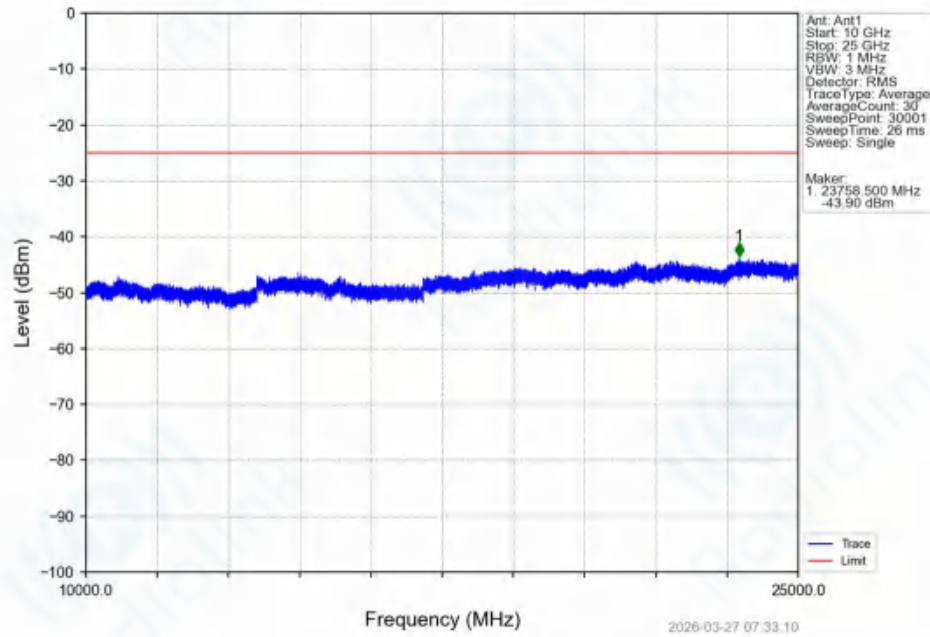
### 6.2.1 B7\_5MHz



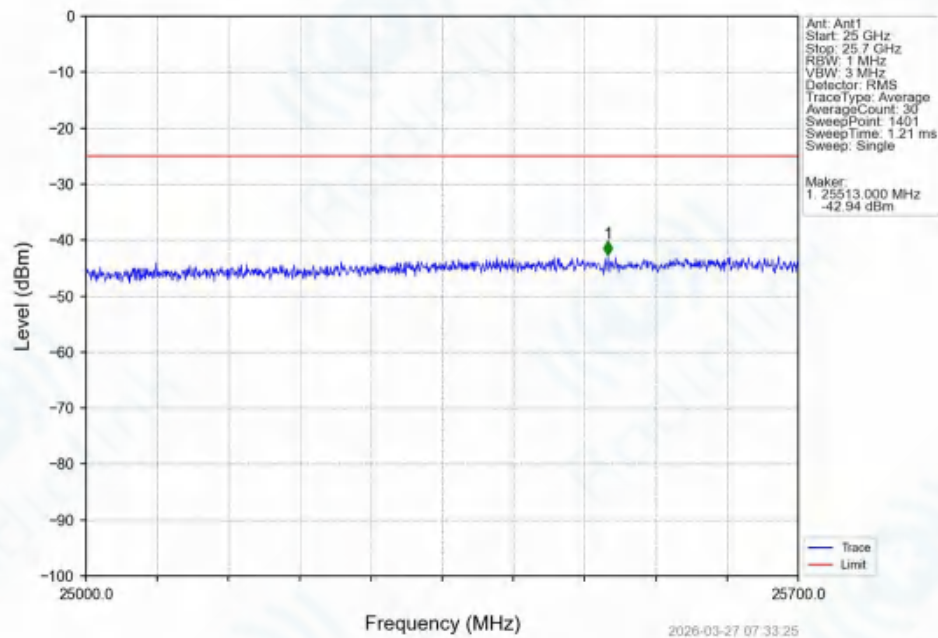
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Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



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

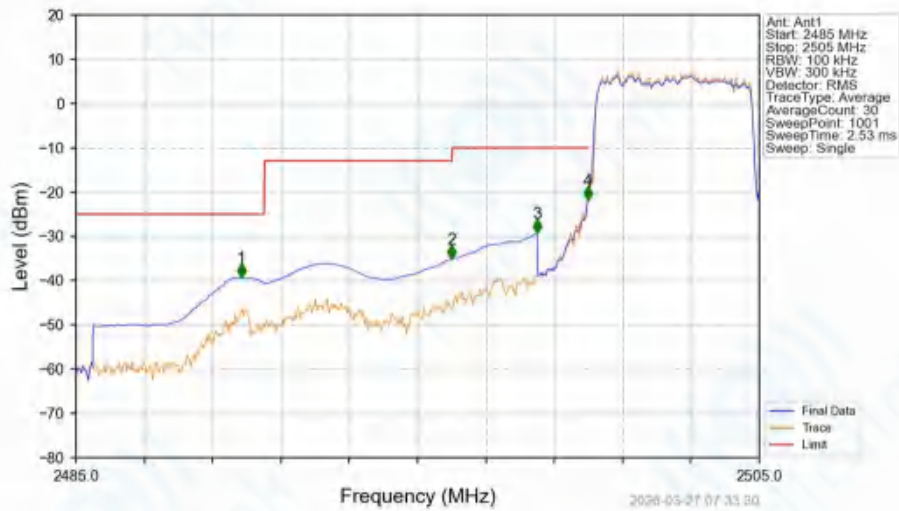


Radiolink Testing (Shenzhen) Co., Ltd.

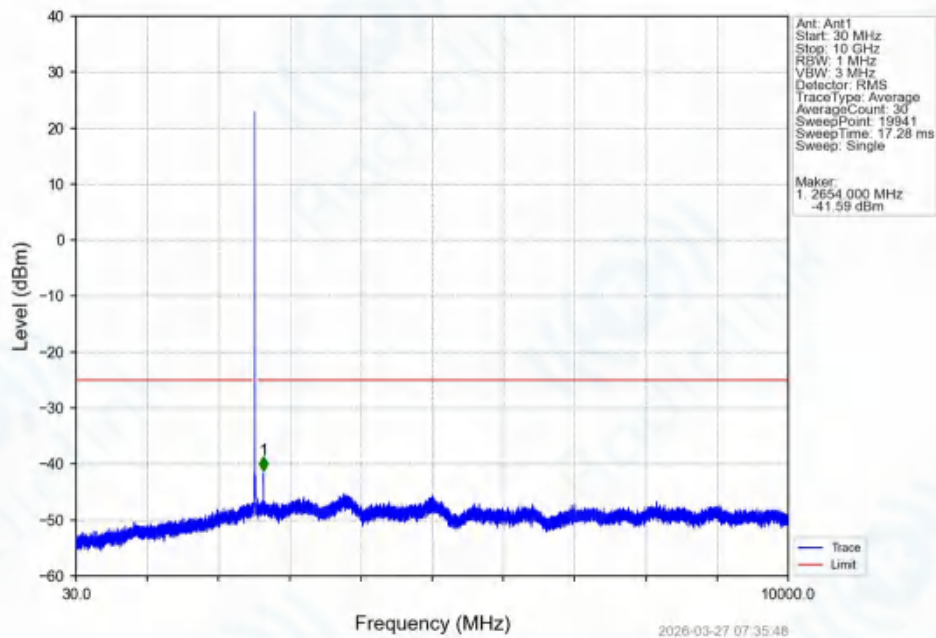
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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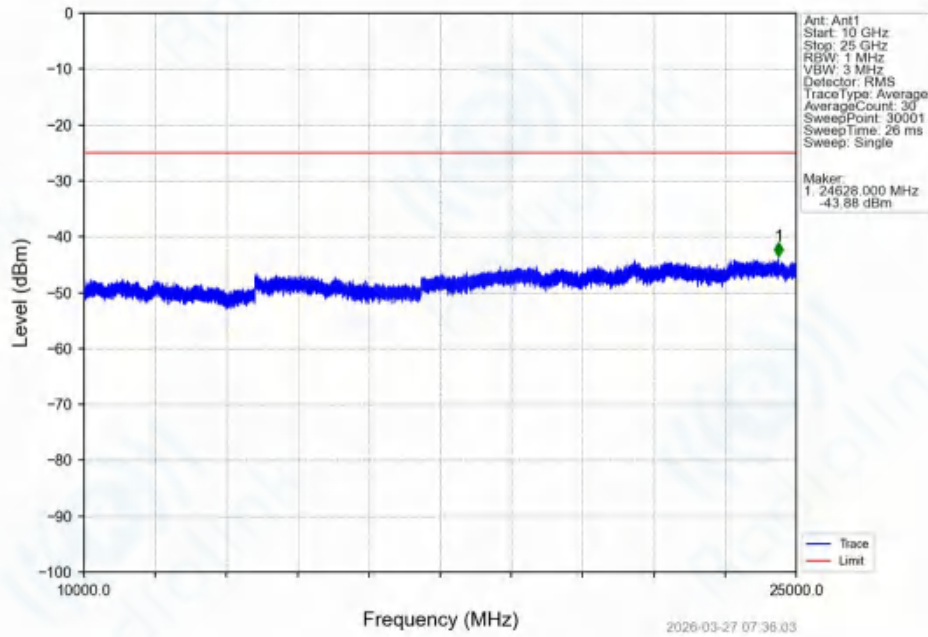
## Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



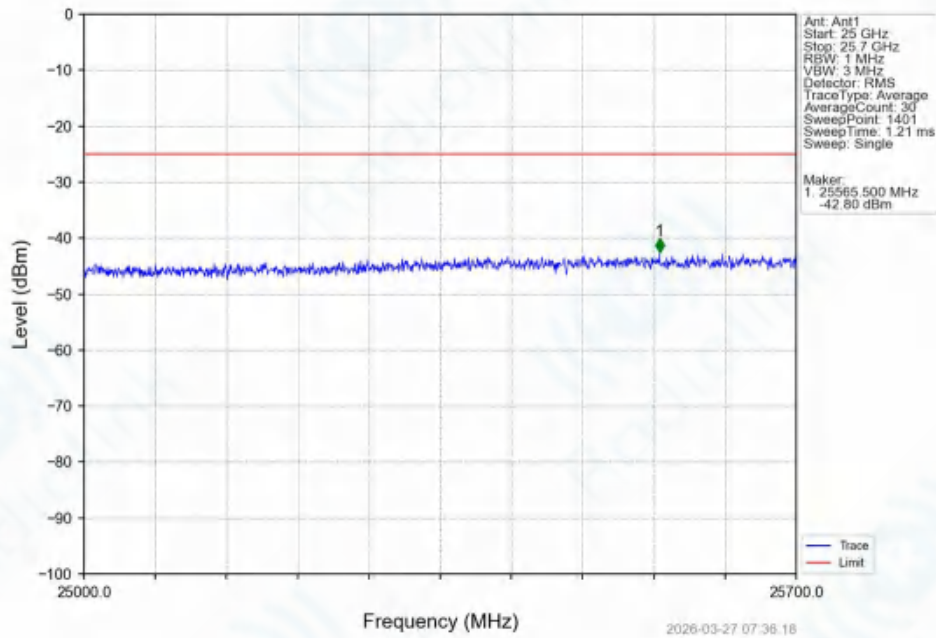
## Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



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

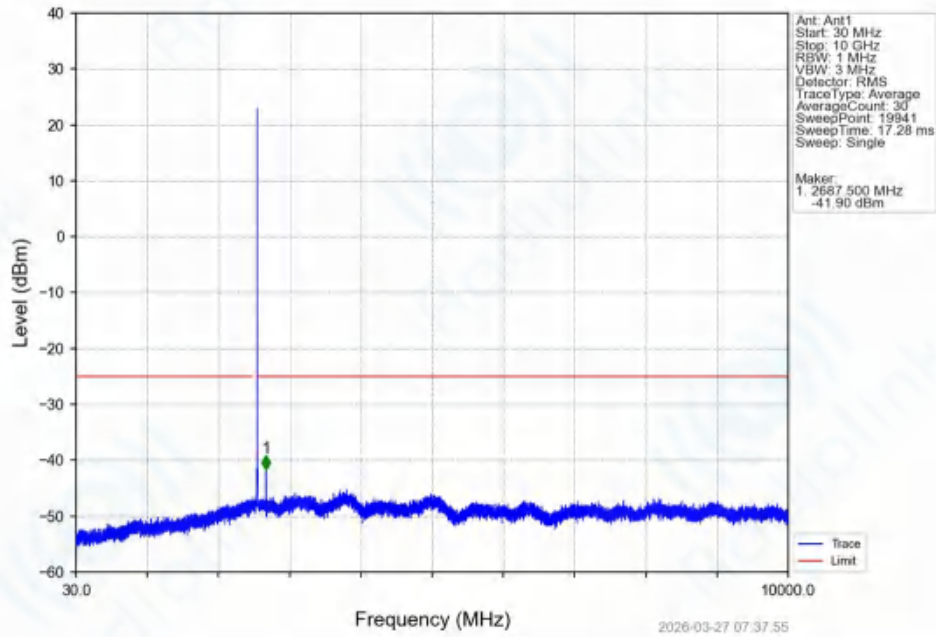


Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

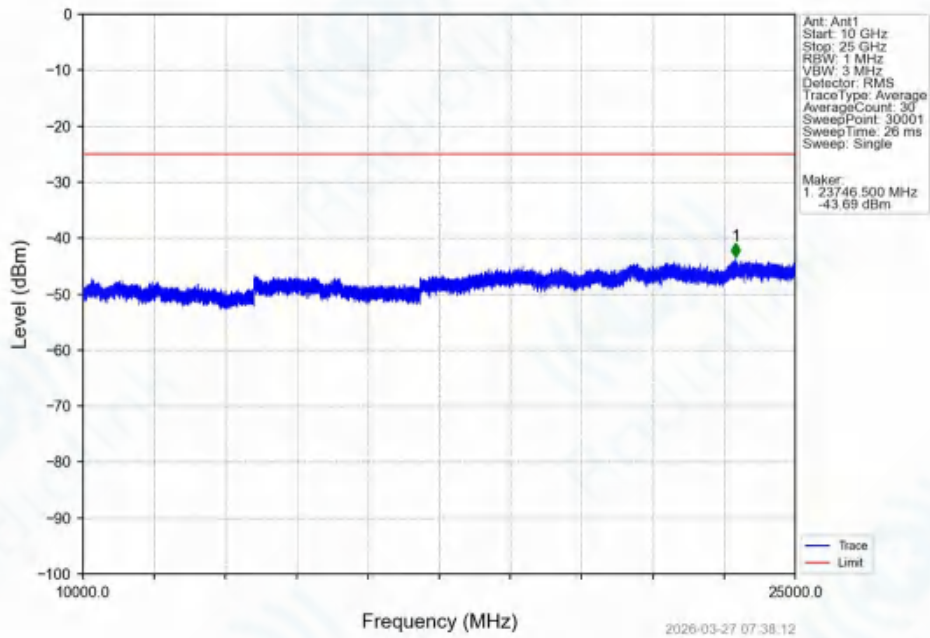

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Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



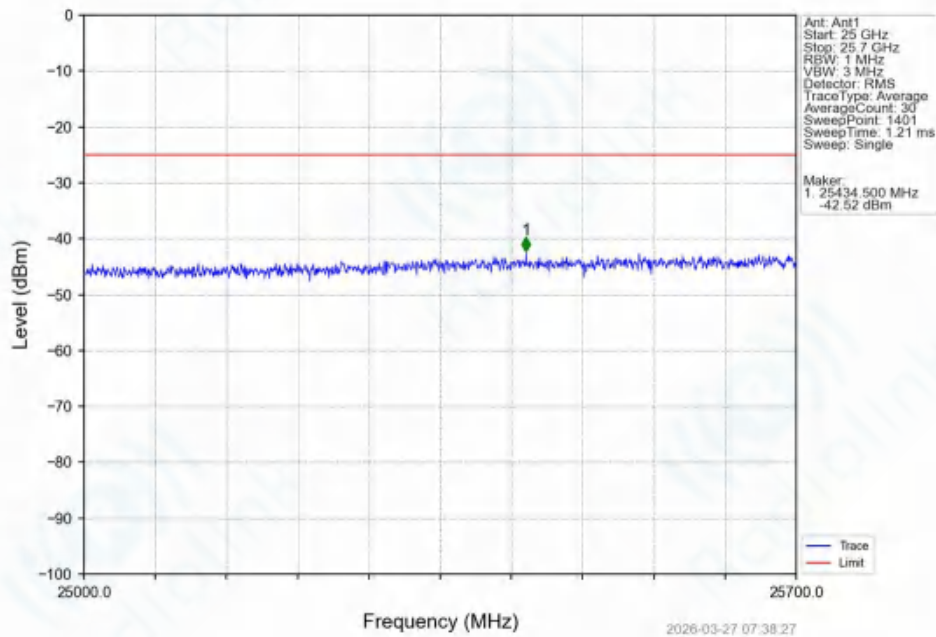
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV


**Radiolink Testing (Shenzhen) Co., Ltd.**

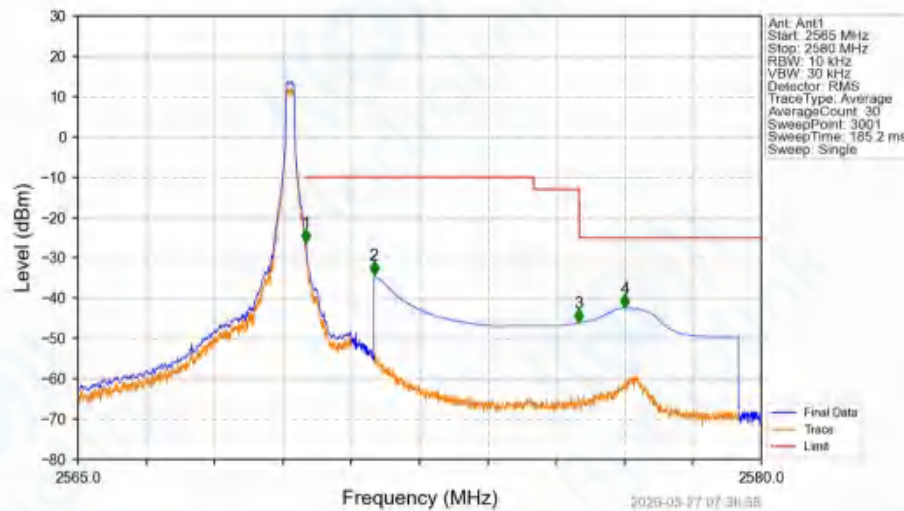
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### Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



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

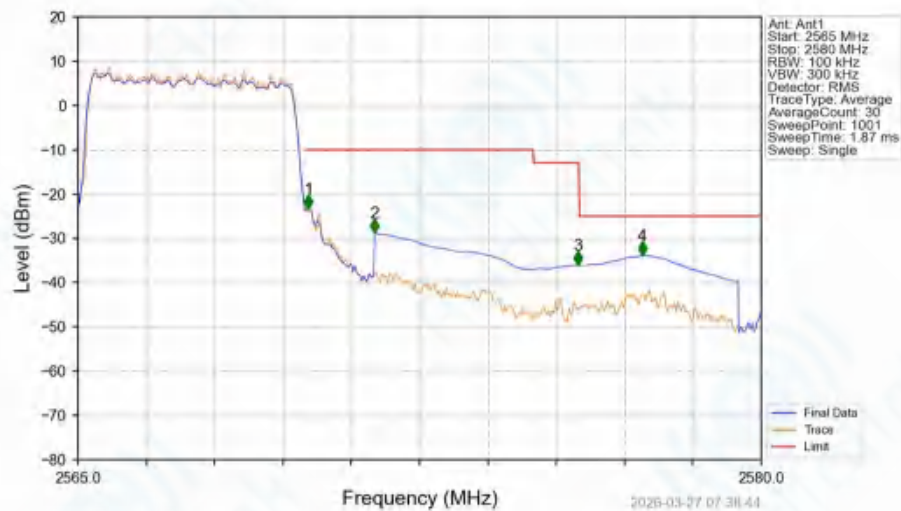


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -26.21      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -34.33      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2576.000   | -46.13      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2577.010   | -42.47      | -25         | Pass   |

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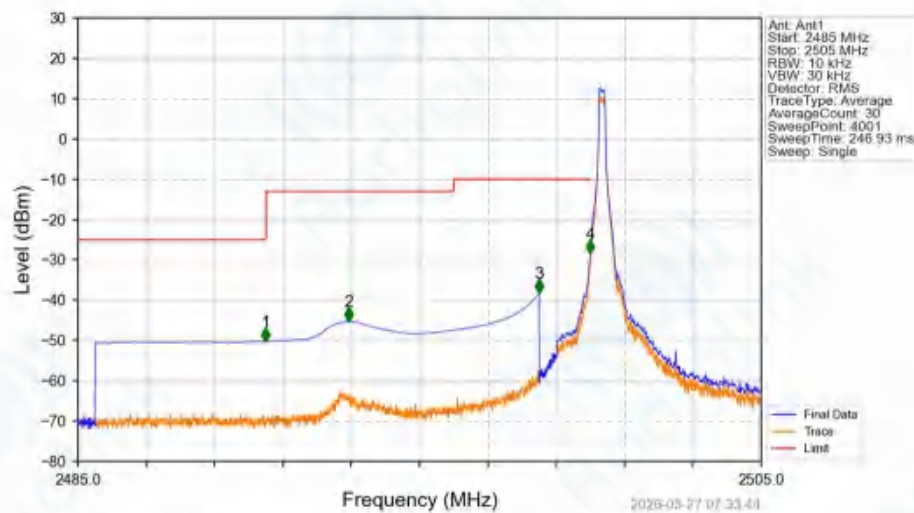
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### Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.106     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.106     | CHP    | 1          | 2570.055   | -23.36      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -28.82      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.980   | -36.09      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2577.390   | -33.87      | -25         | Pass   |

### Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

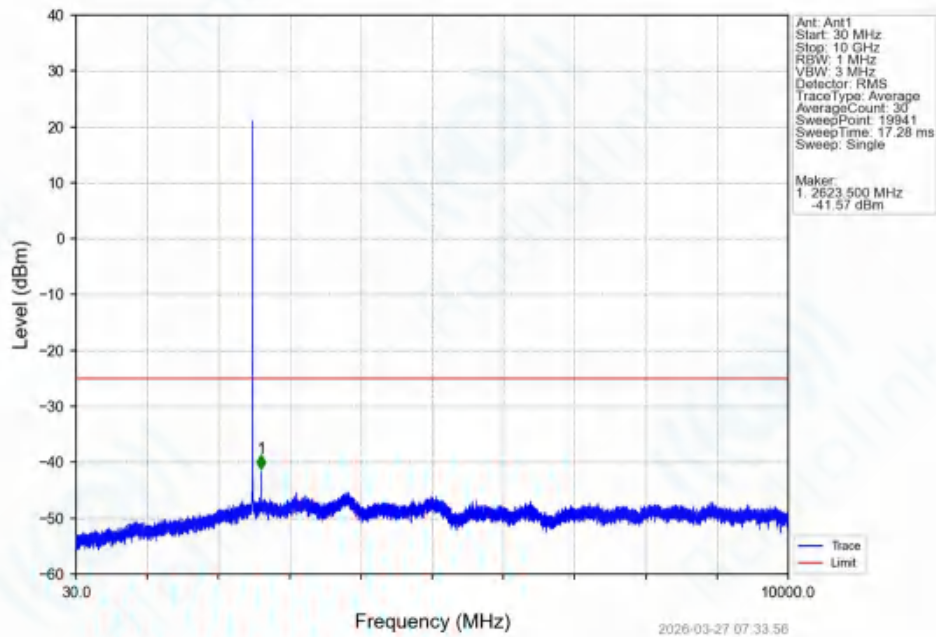


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -50.27      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.925   | -45.36      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -38.29      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -28.51      | -10         | Pass   |
| 2500        | 2505       | 0.02      | CHP    | /          | /          | /           | /           | /      |

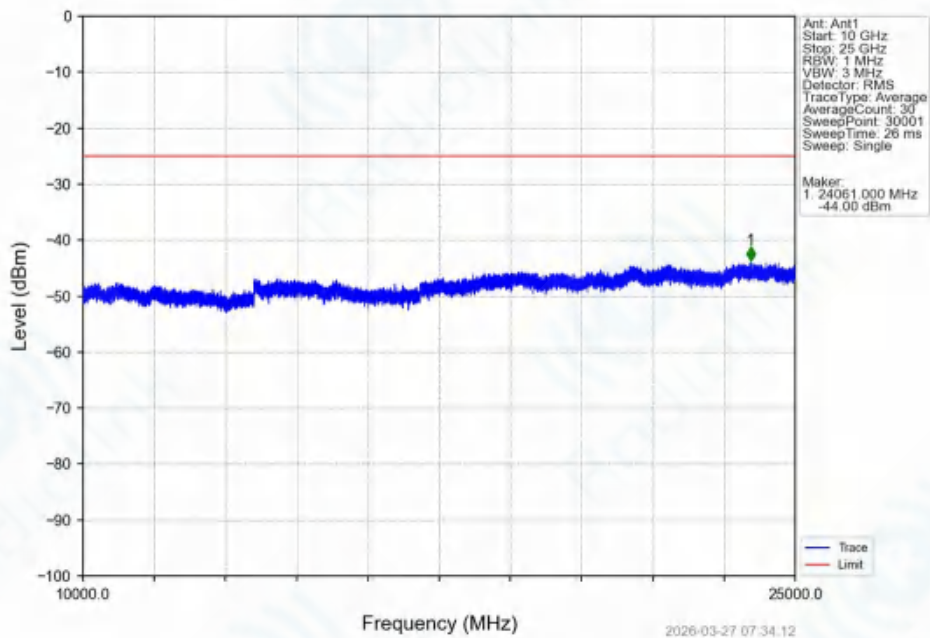
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Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

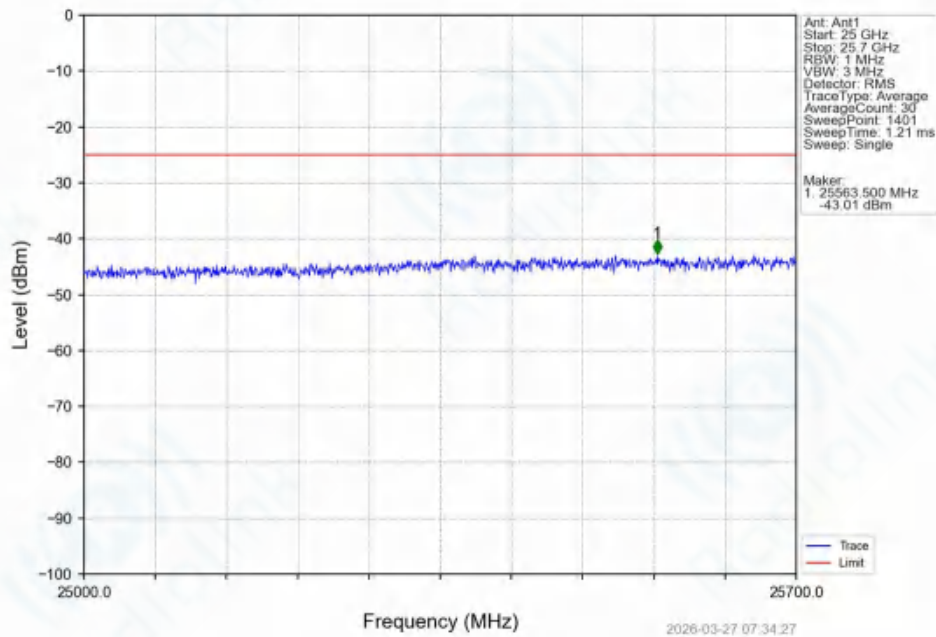


Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

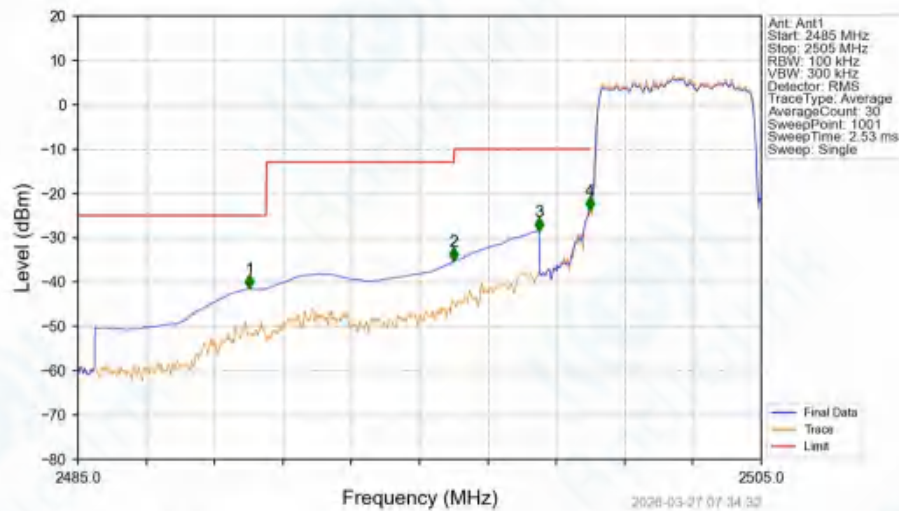

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Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

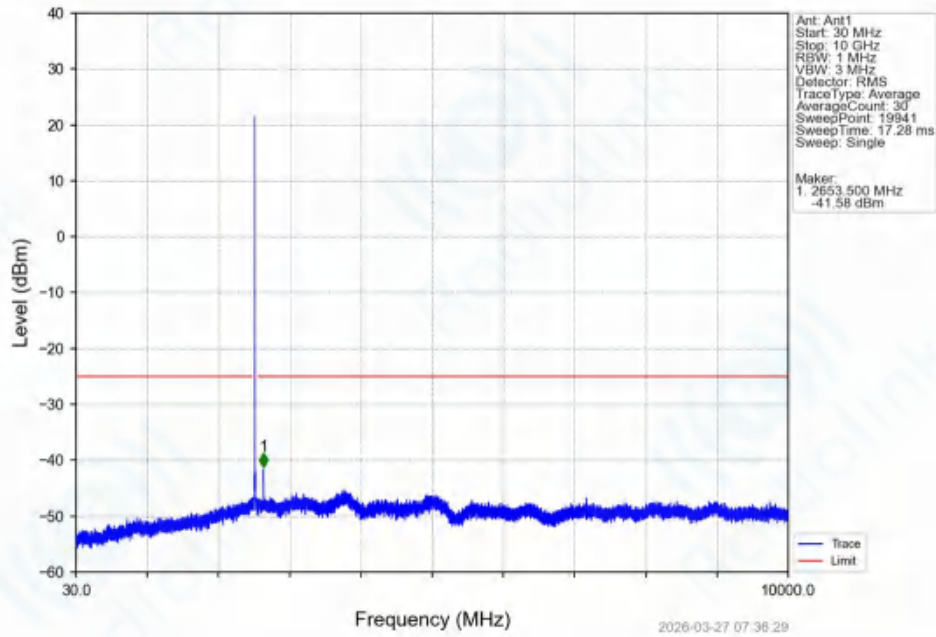


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.020   | -41.53      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -35.27      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -28.54      | -10         | Pass   |
| 2499        | 2500       | 0.107     | CHP    | 4          | 2499.980   | -23.77      | -10         | Pass   |
| 2500        | 2505       | 0.107     | CHP    | /          | /          | /           | /           | /      |

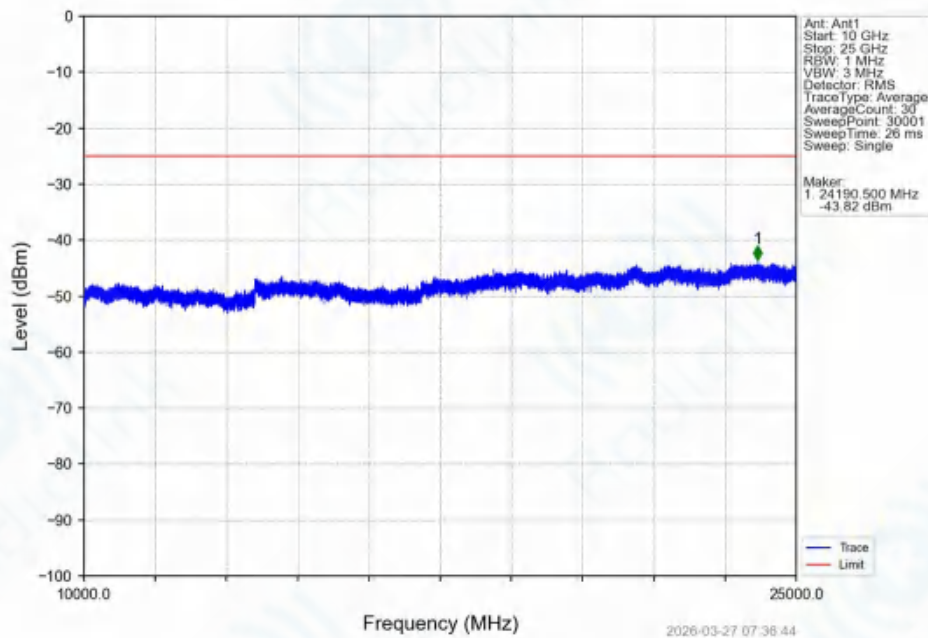
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Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

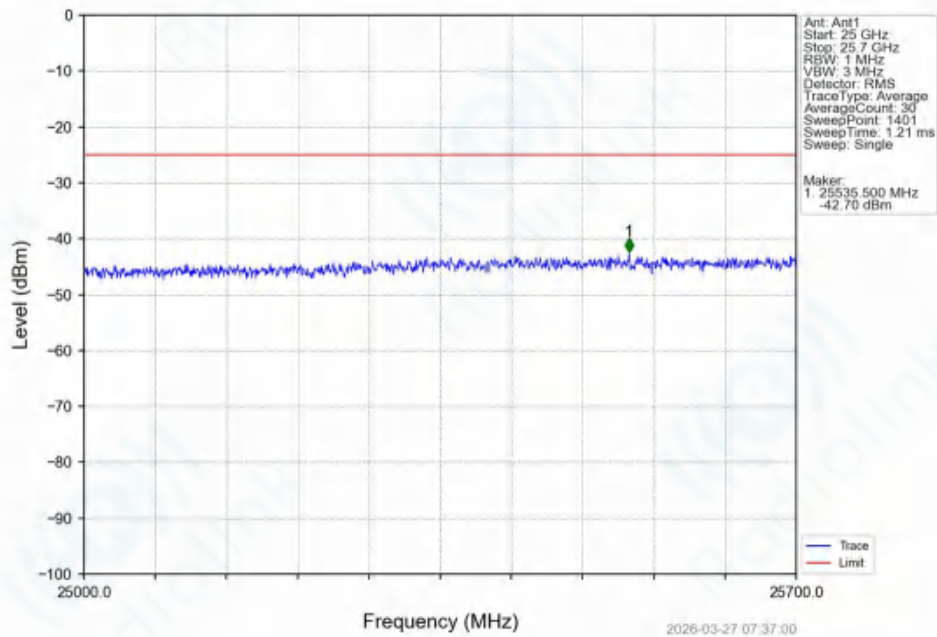


**Radiolink Testing (Shenzhen) Co., Ltd.**

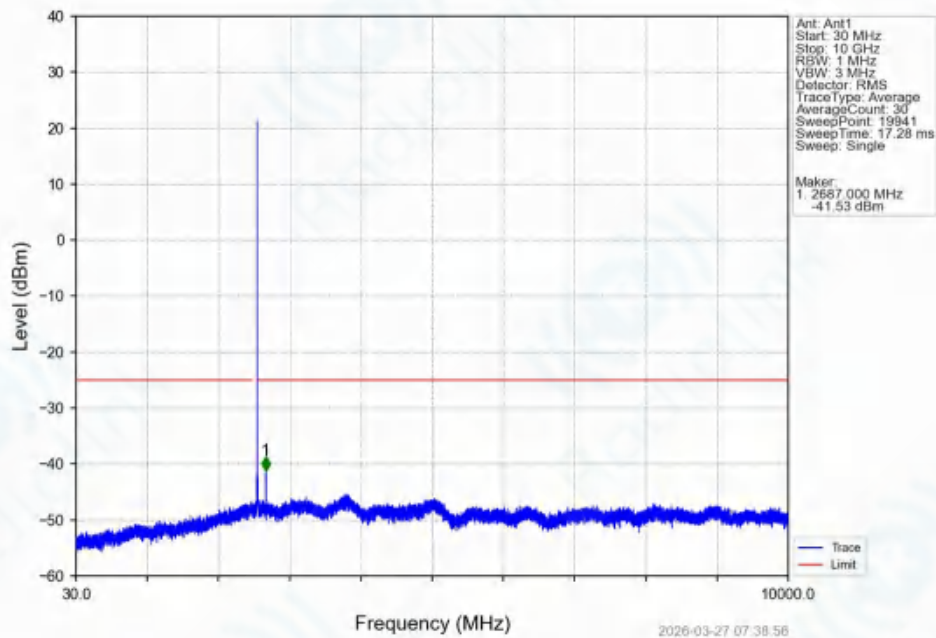
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Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

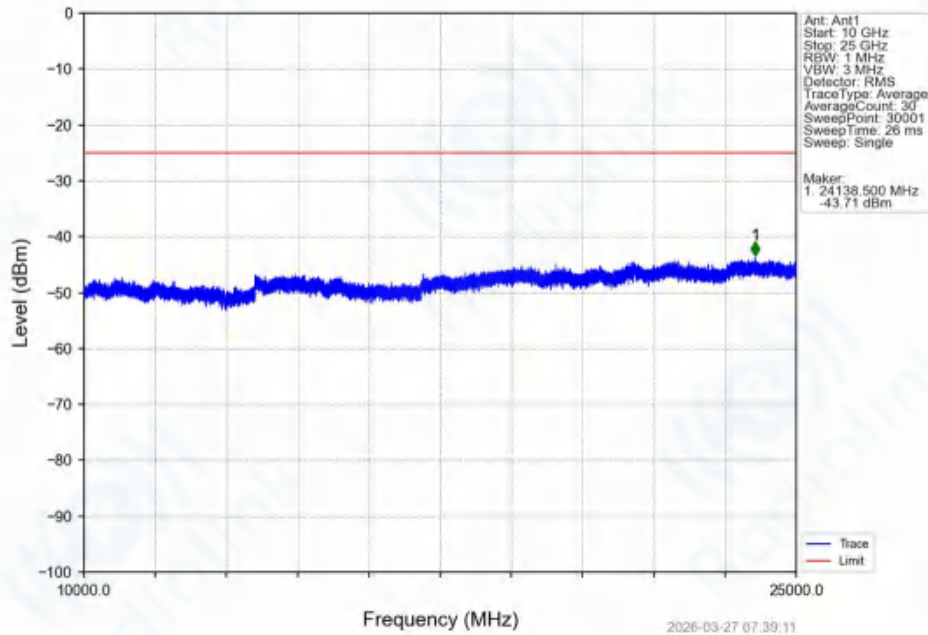


Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV

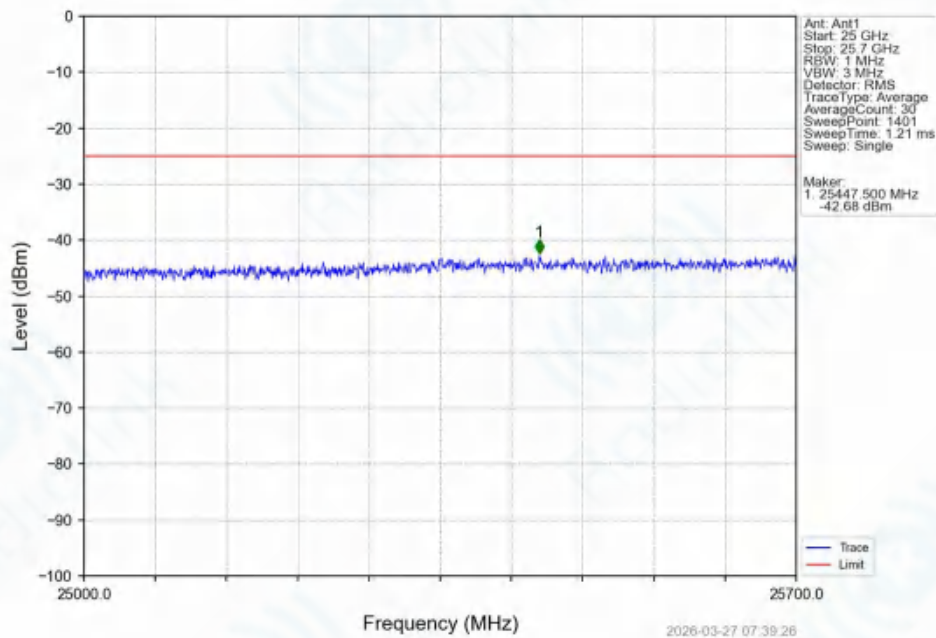

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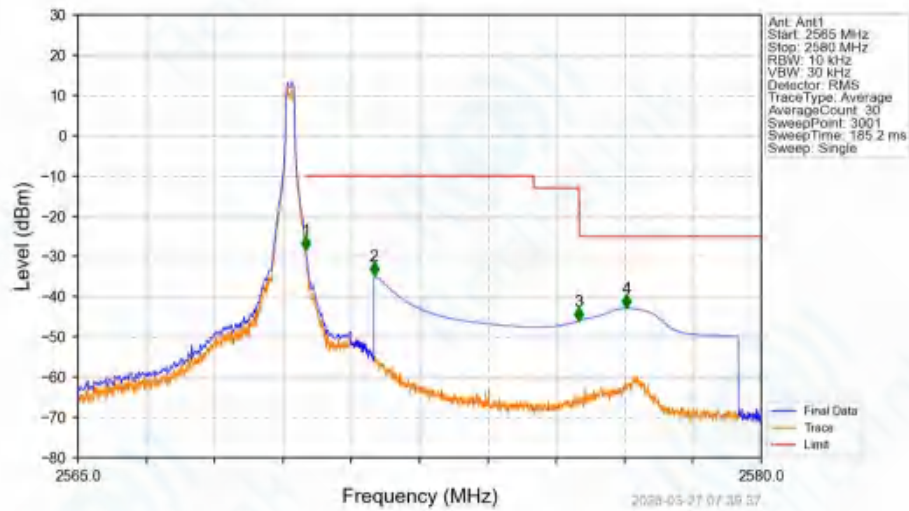
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV

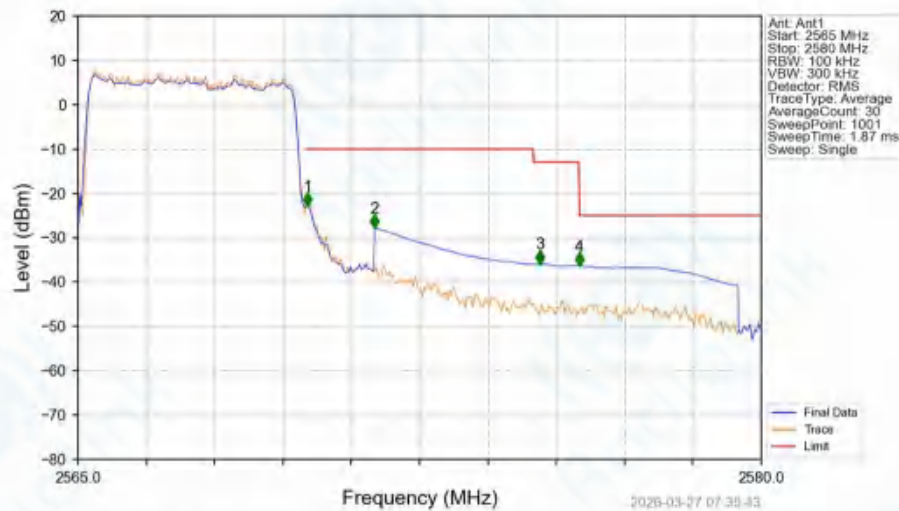


## Band7 5MHz 16QAM HCH 2567.5MHz RB 1 24 NTNv



| 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   | -28.50      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -34.77      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2576.000   | -46.00      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2577.045   | -42.88      | -25         | Pass   |

## Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNv

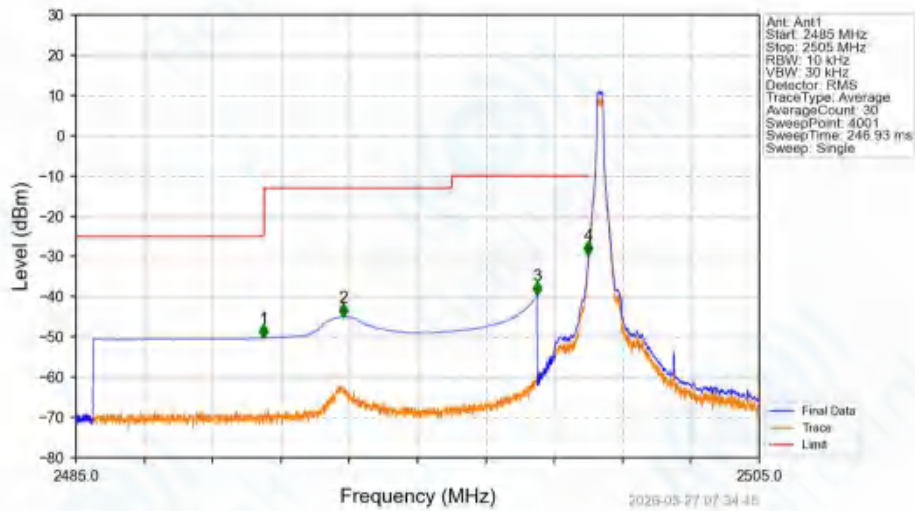


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.105     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.105     | CHP    | 1          | 2570.040   | -22.91      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -27.92      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.140   | -35.96      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.010   | -36.36      | -25         | Pass   |

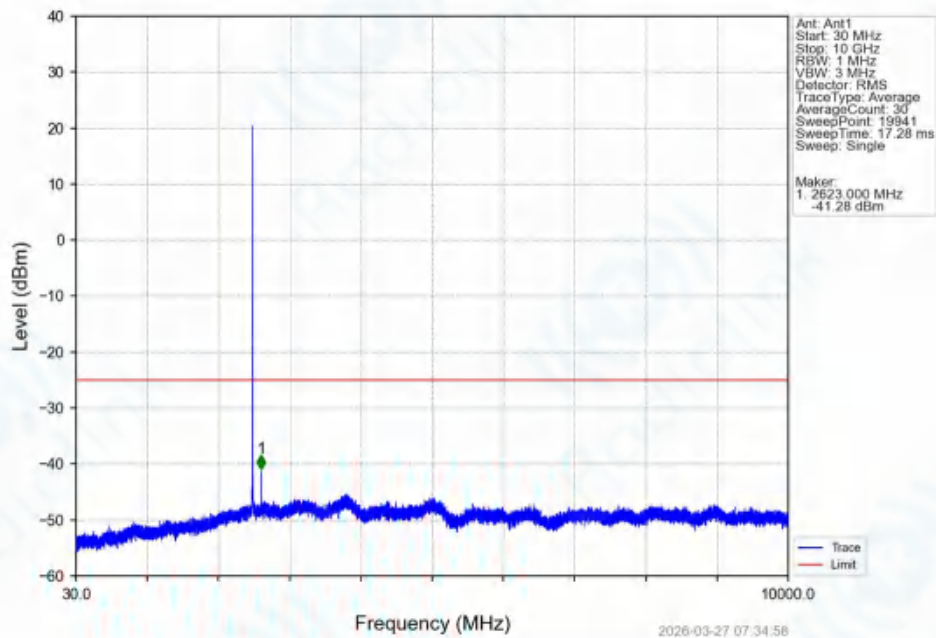
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## Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



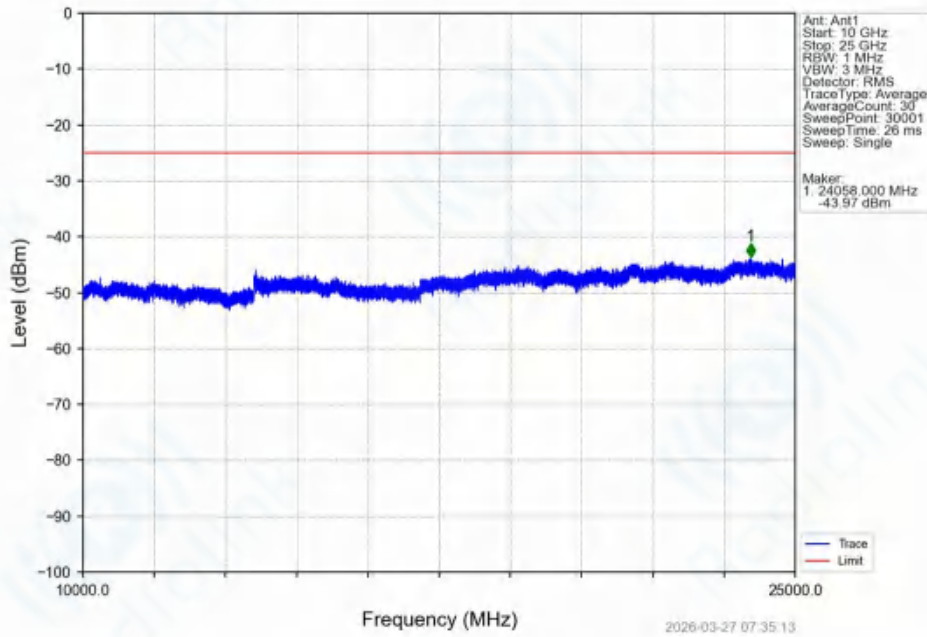
## Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



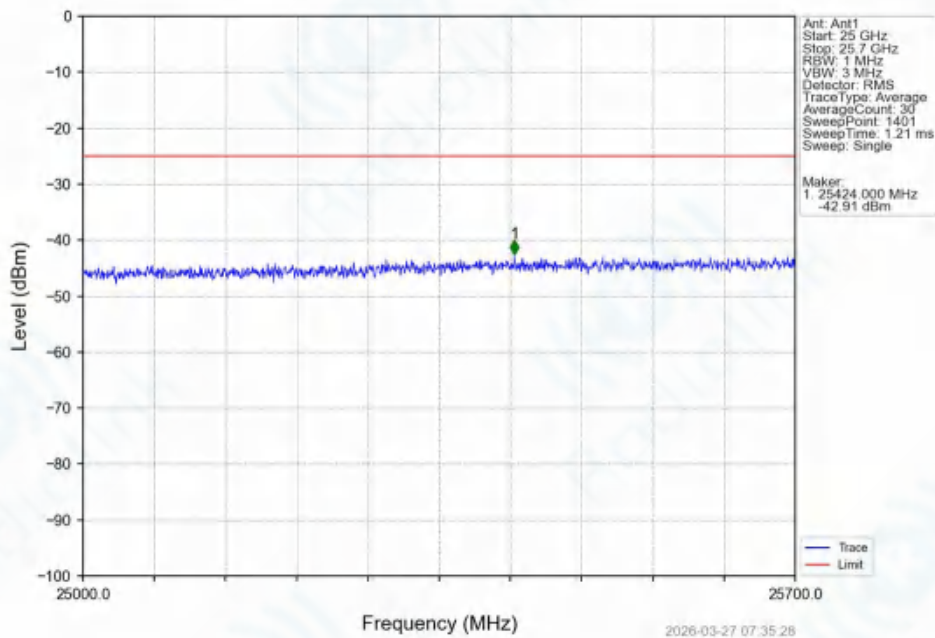
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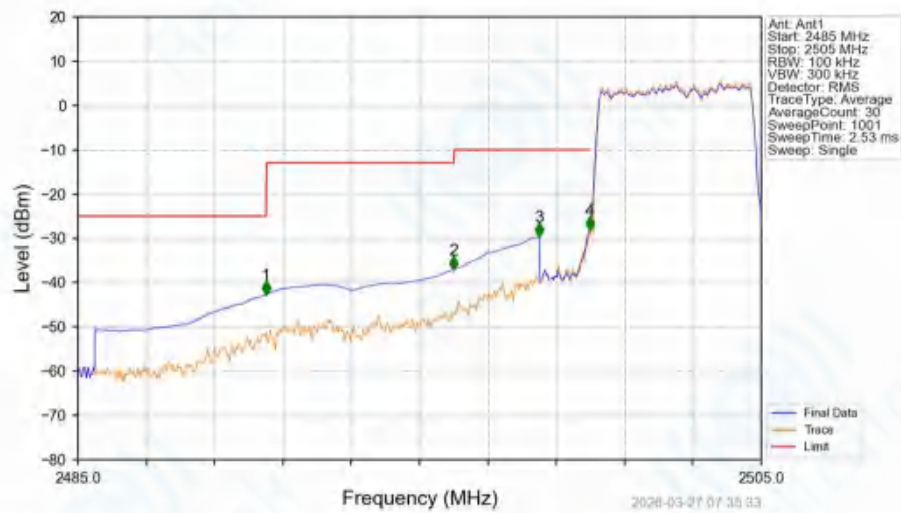
Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



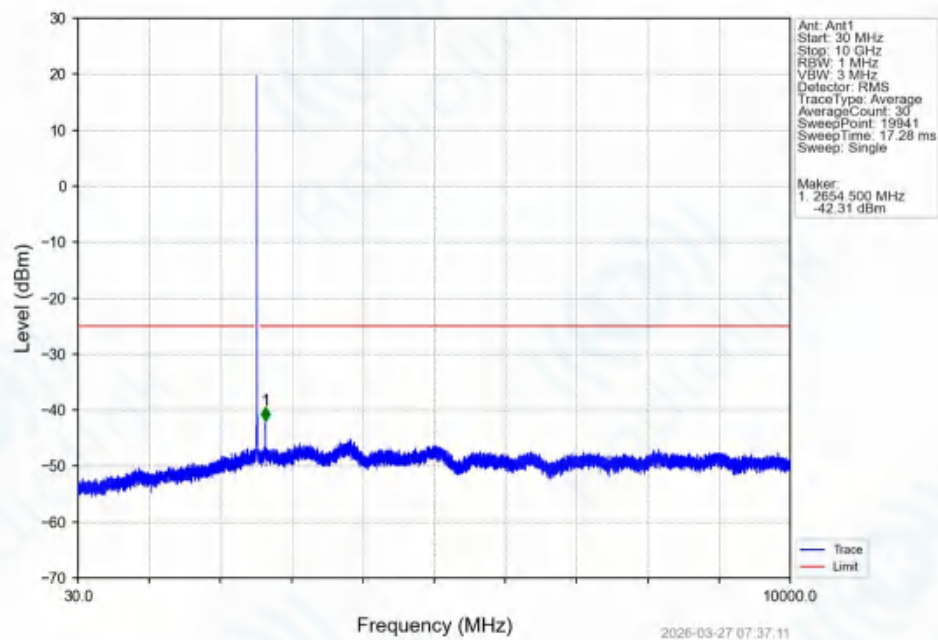
Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



## Band7 5MHz 64QAM LCH 2502.5MHz RB 25 0 NTNV



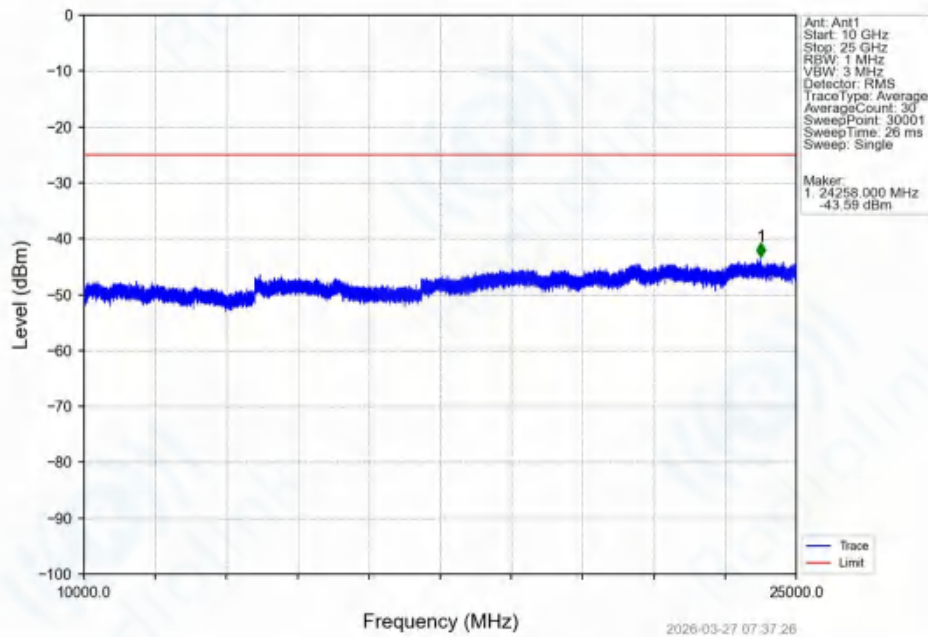
## Band7 5MHz 64QAM MCH 2535MHz RB 1 0 NTNV



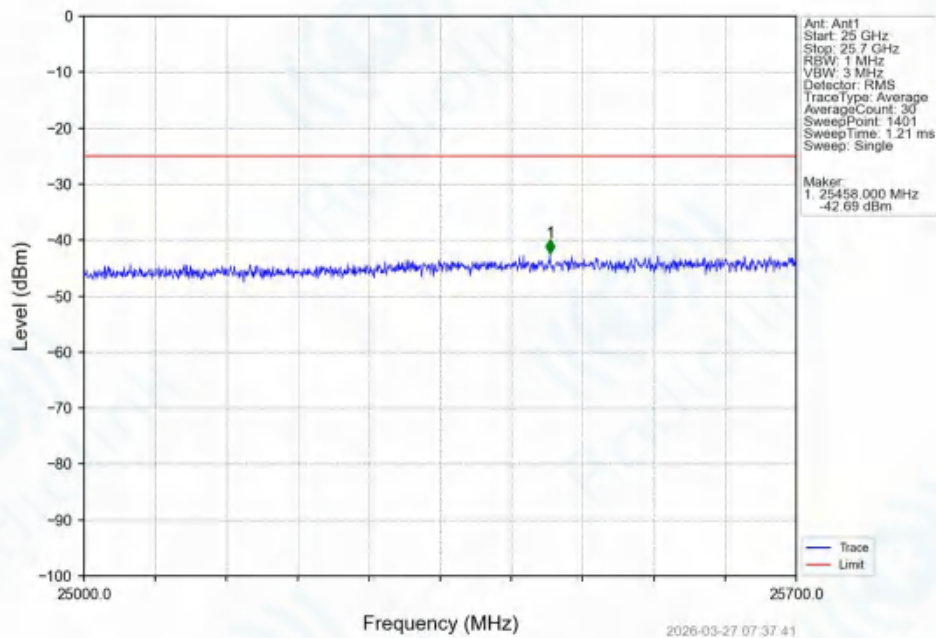
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Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

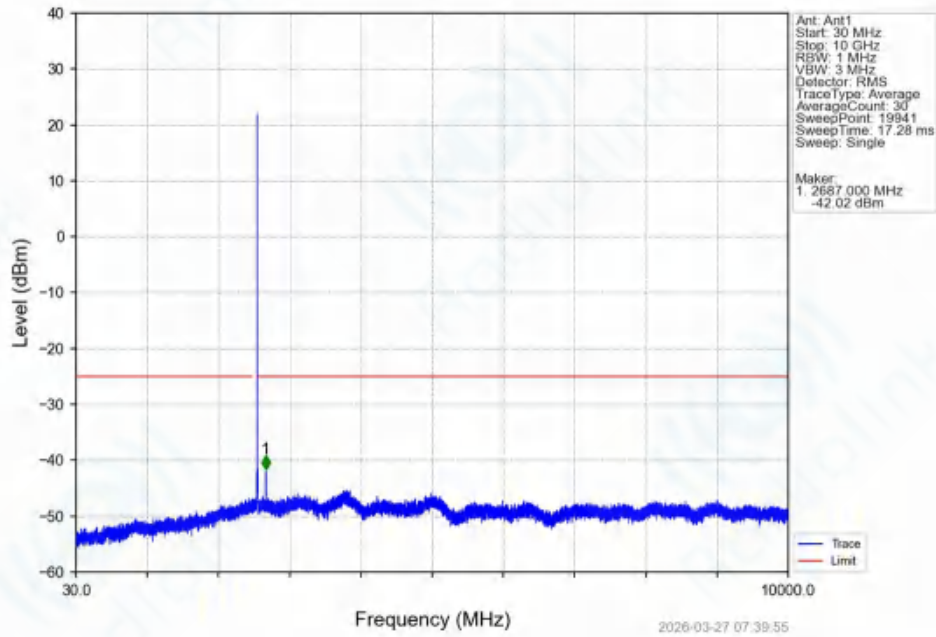


Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

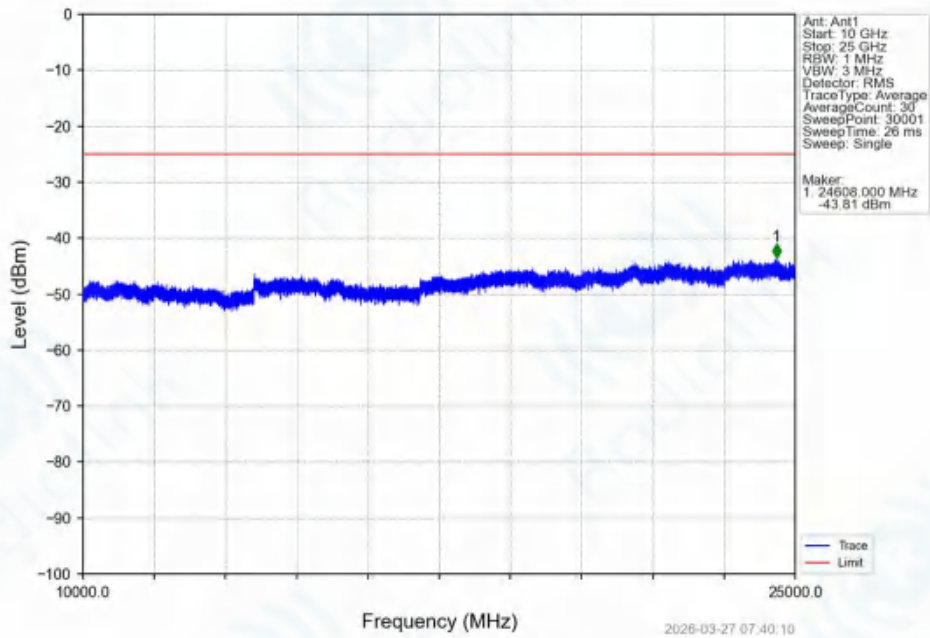

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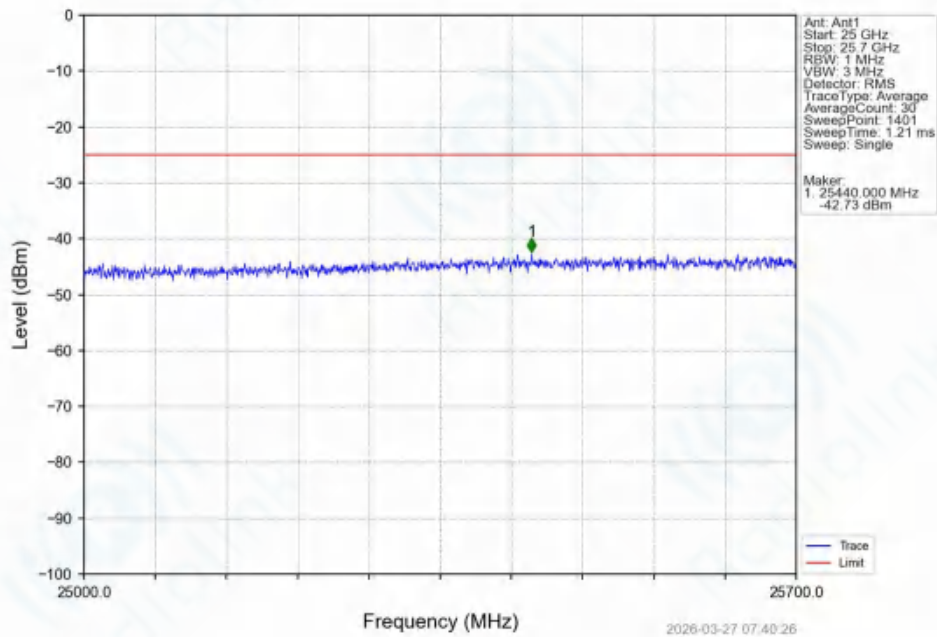
Band7\_5MHz\_64QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



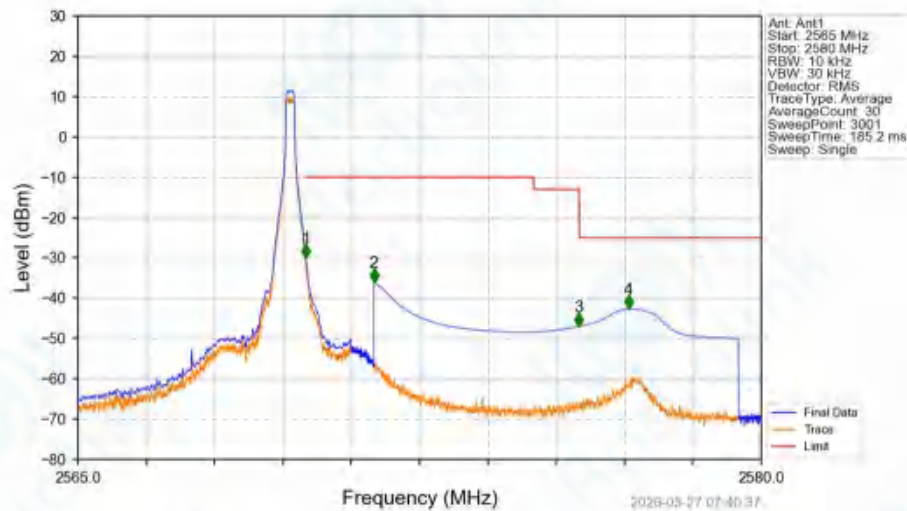
Band7\_5MHz\_64QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



## Band7\_5MHz\_64QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



## Band7\_5MHz\_64QAM\_HCH\_2567.5MHz\_RB\_1\_24\_NTNV

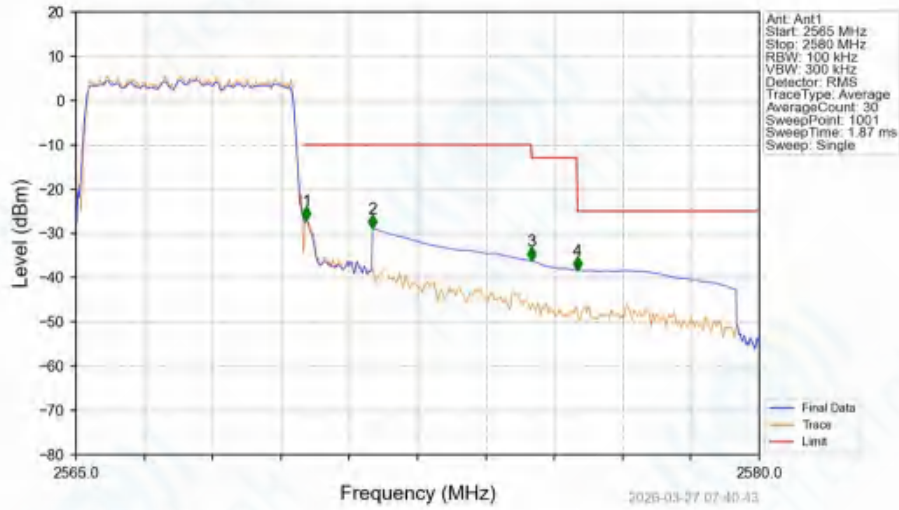


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.02      | CHP    | 1          | 2570.005   | -29.99      | -10         | Pass   |
| 2570        | 2571       | 0.02      | CHP    | 2          | 2571.500   | -36.09      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 3          | 2576.000   | -47.05      | -13         | Pass   |
| 2575        | 2576       | 1         | CHP    | 4          | 2577.090   | -42.71      | -25         | Pass   |

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## Band7 5MHz 64QAM 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       | 0.106     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.106     | CHP    | 1          | 2570.055   | -27.18      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -28.98      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -36.20      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.010   | -38.39      | -25         | Pass   |

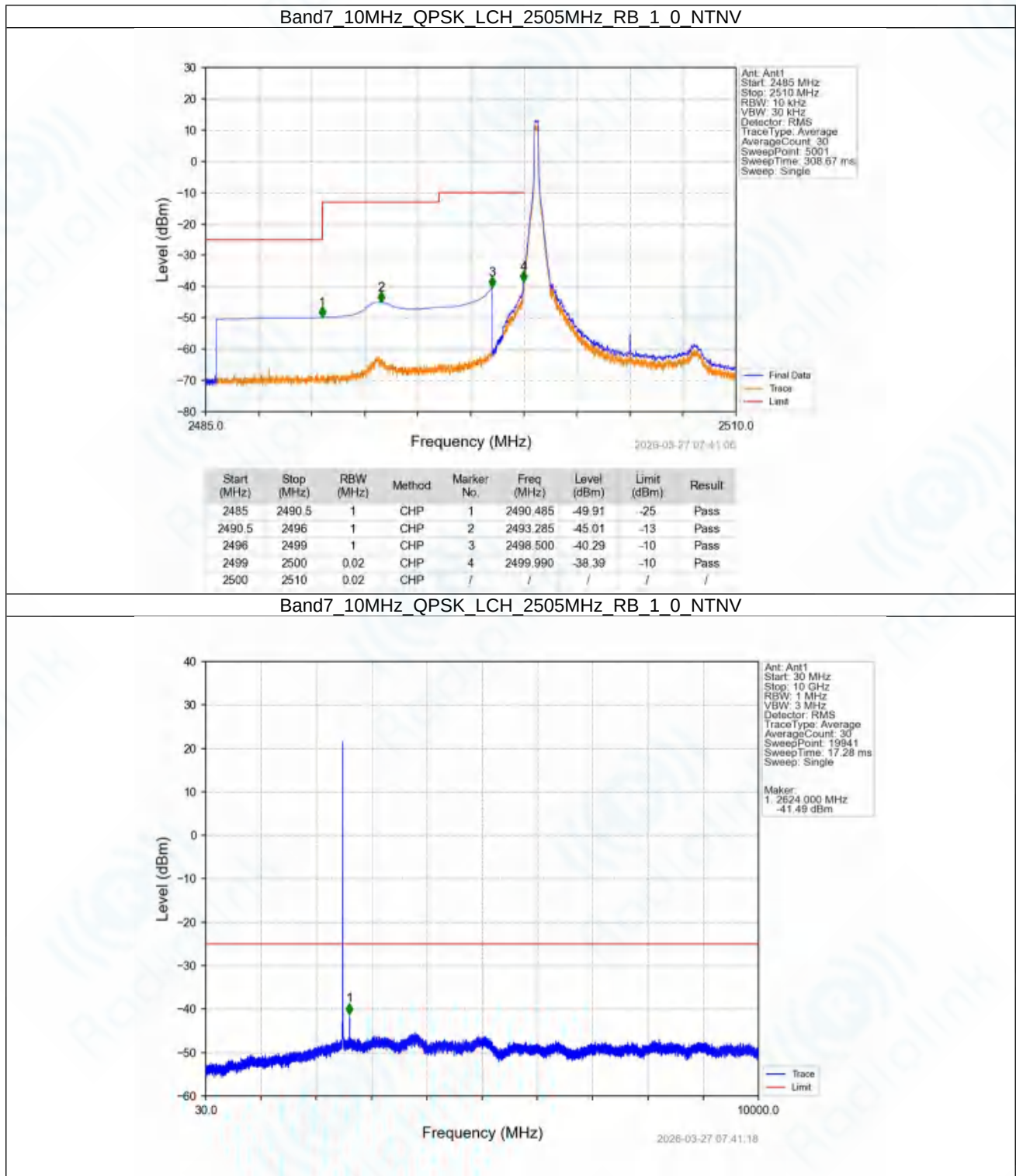


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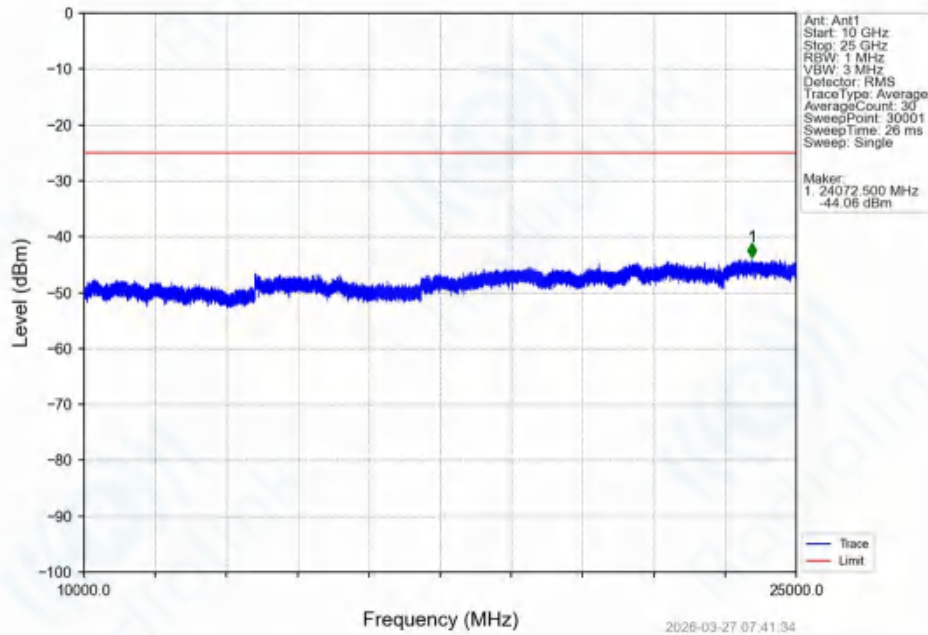
## 6.2.2 B7\_10MHz



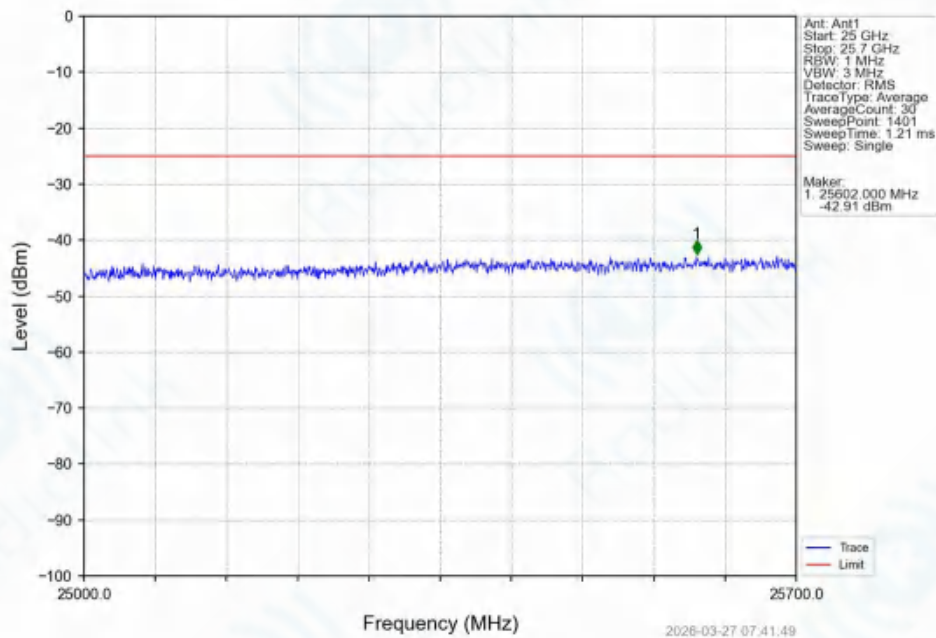
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Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



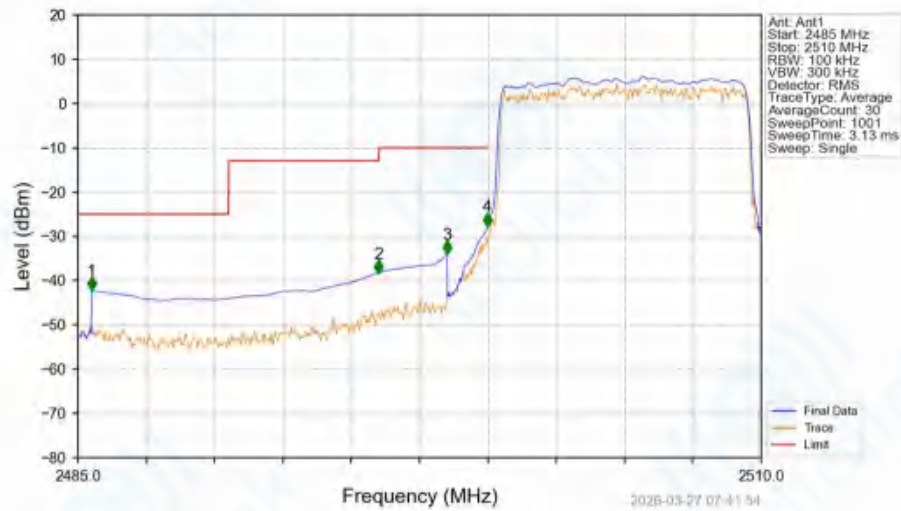
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



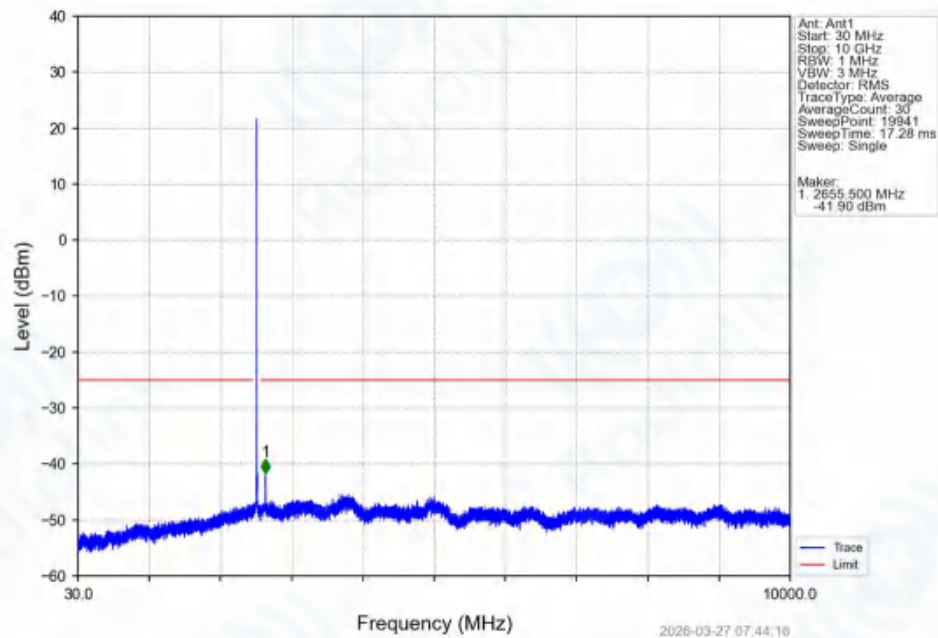
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### Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



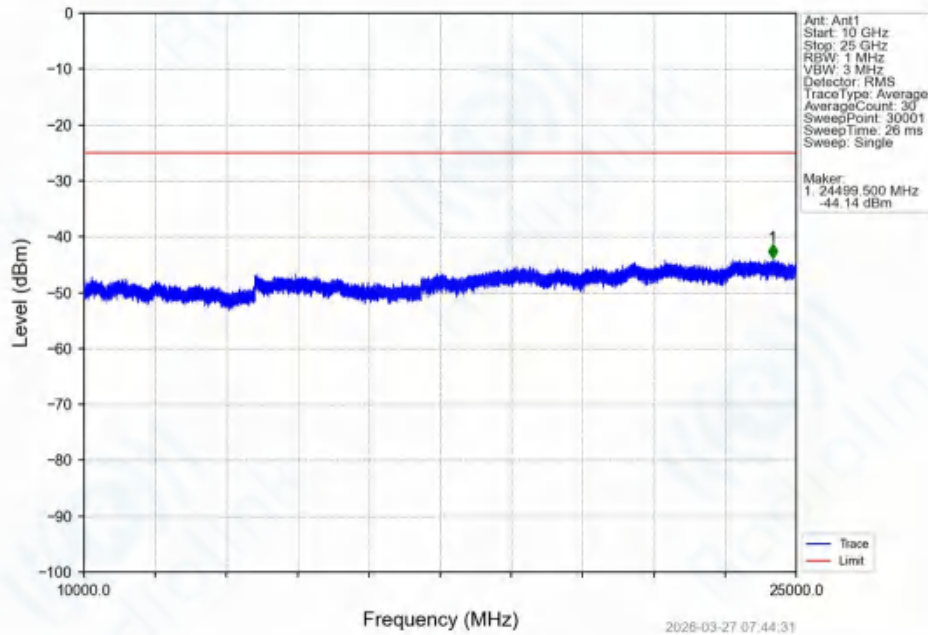
### Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



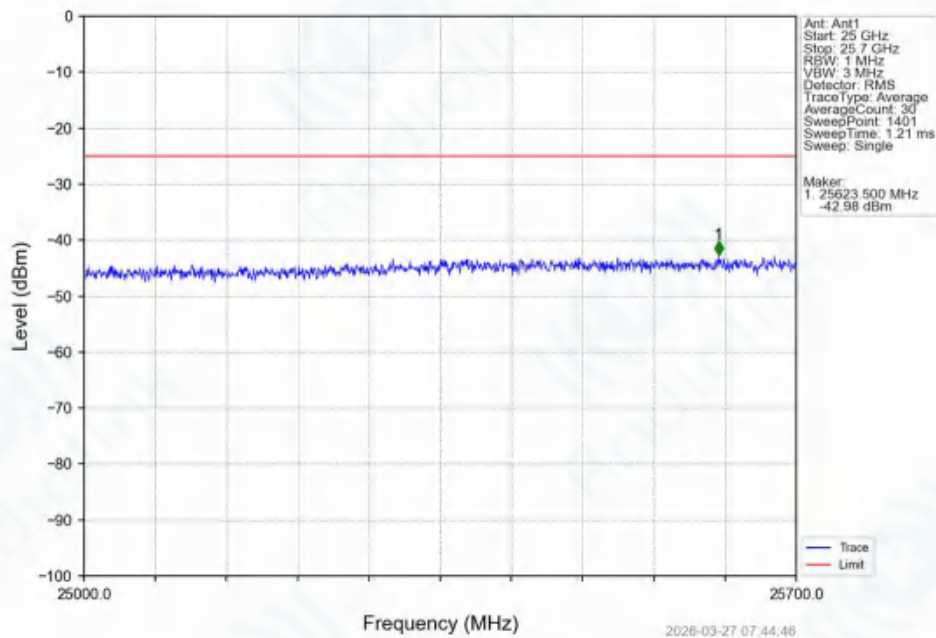
**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

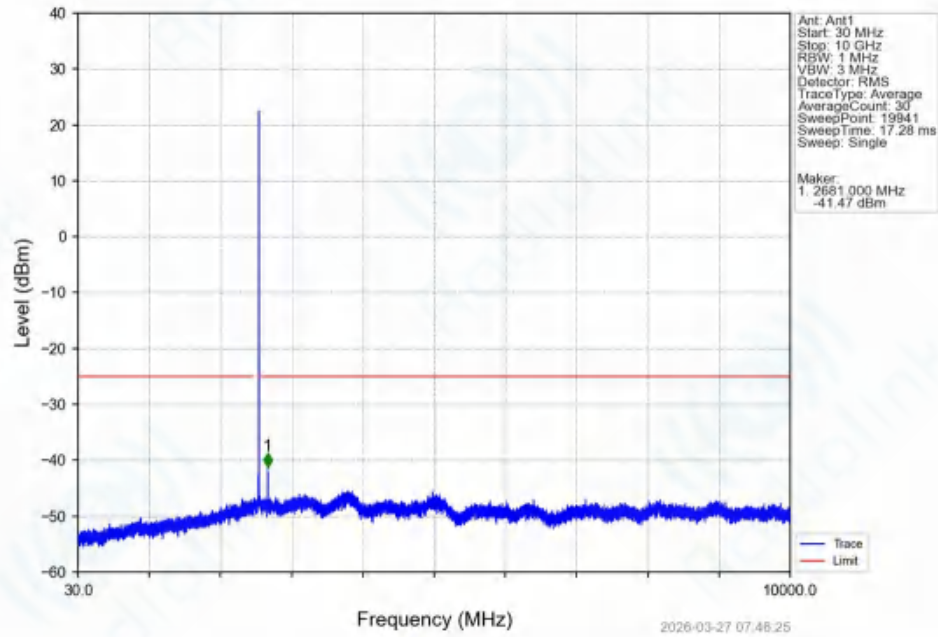
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



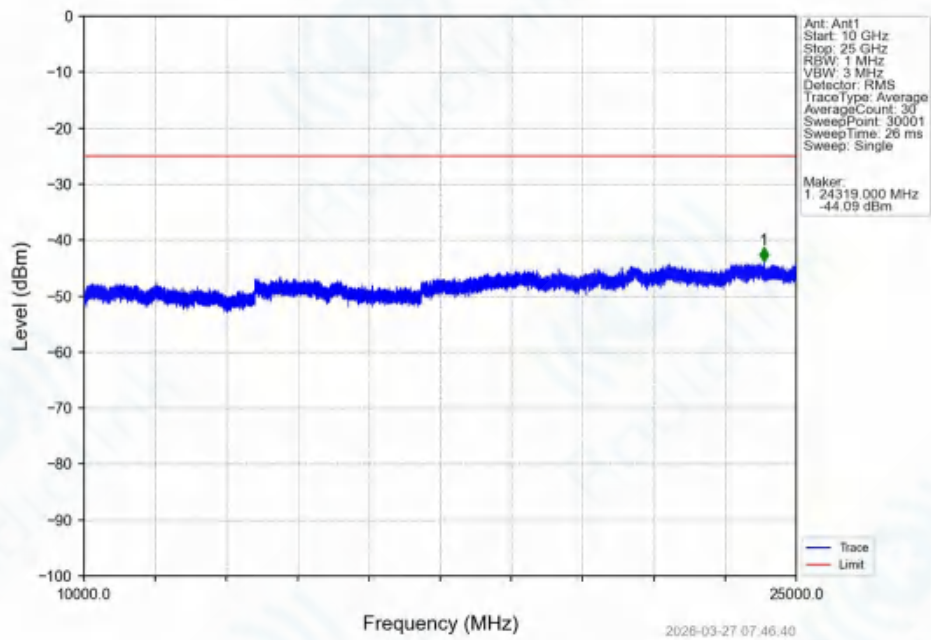
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



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



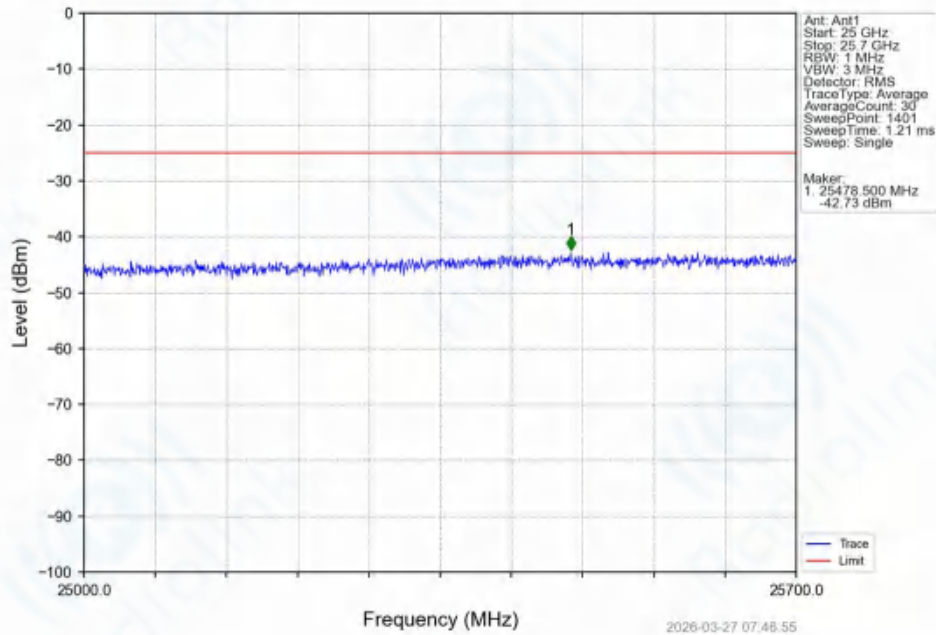
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV


**Radiolink Testing (Shenzhen) Co., Ltd.**

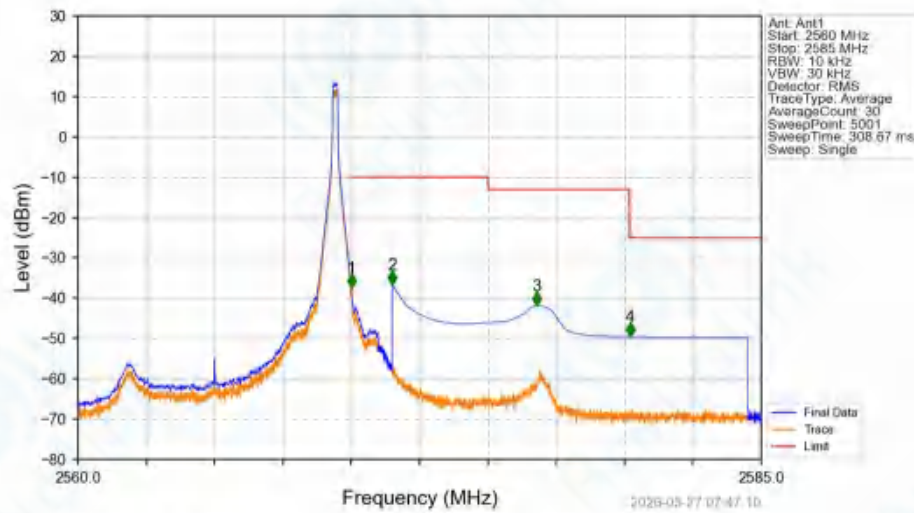
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Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV



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

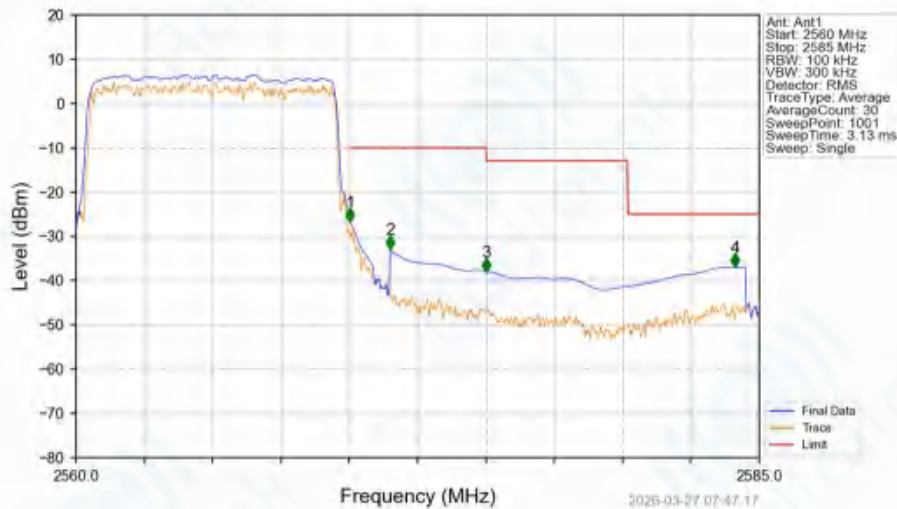


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.02      | CHP    | 1          | 2570.005   | -37.40      | -10         | Pass   |
| 2570        | 2571       | 0.02      | CHP    | 2          | 2571.500   | -36.69      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 3          | 2576.785   | -41.87      | -13         | Pass   |
| 2575        | 2580.184   | 1         | CHP    | 4          | 2580.205   | -49.56      | -25         | Pass   |

Radiolink Testing (Shenzhen) Co., Ltd.

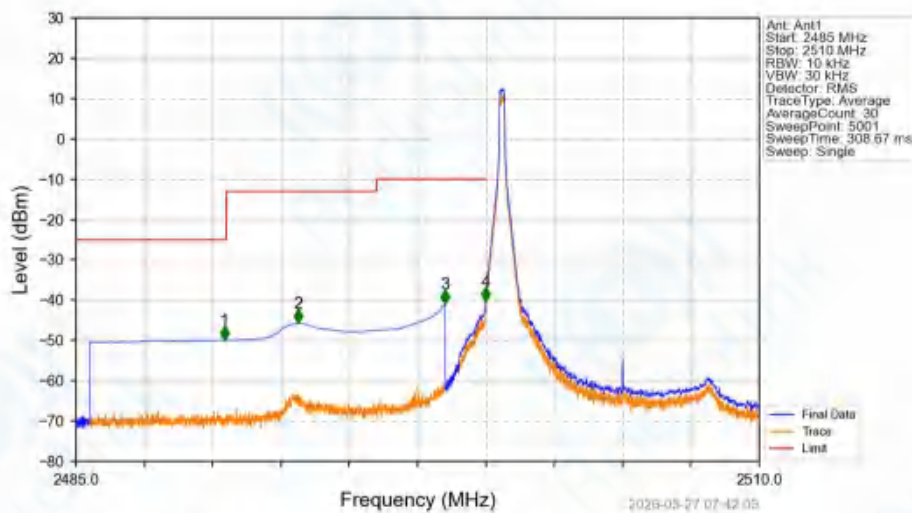
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### Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.204     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.204     | CHP    | 1          | 2570.025   | -26.77      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -32.99      | -10         | Pass   |
| 2575        | 2580.184   | 1         | CHP    | 3          | 2575.025   | -38.00      | -13         | Pass   |
| 2580.184    | 2585       | 1         | CHP    | 4          | 2584.125   | -36.93      | -25         | Pass   |

### Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV

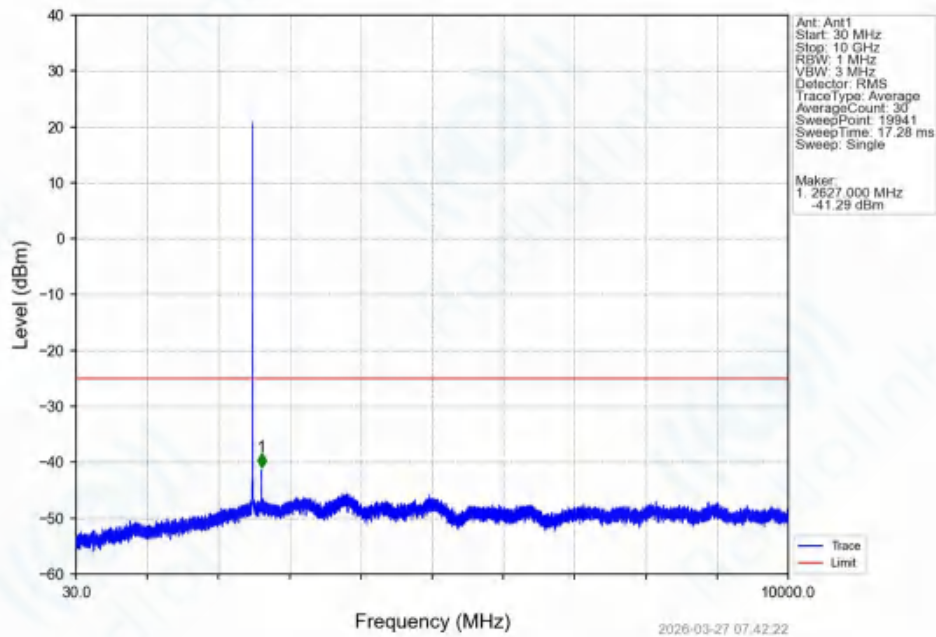


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.425   | -49.97      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.135   | -45.76      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -40.94      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -40.32      | -10         | Pass   |
| 2500        | 2510       | 0.02      | CHP    | /          | /          | /           | /           | /      |

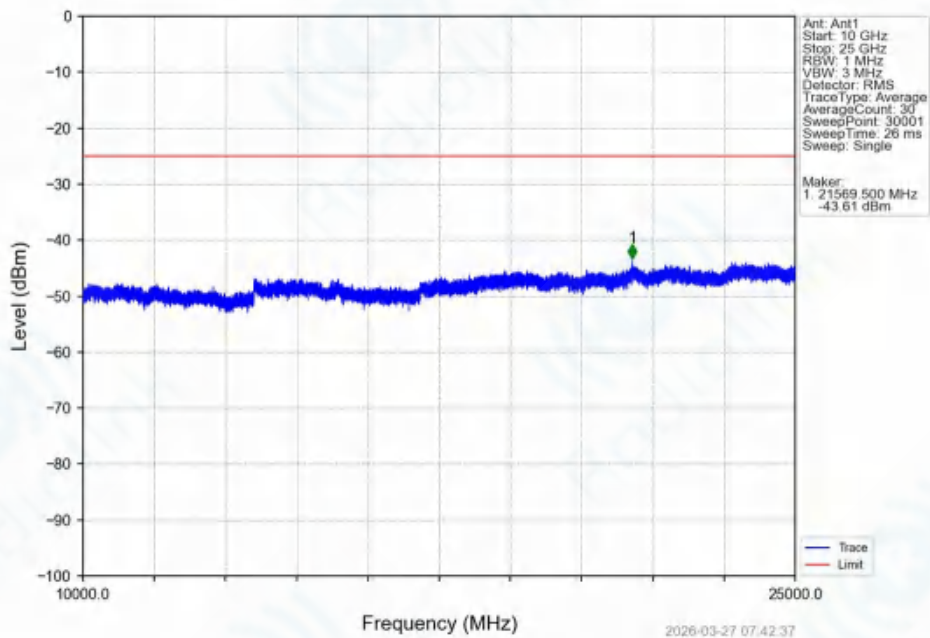
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Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



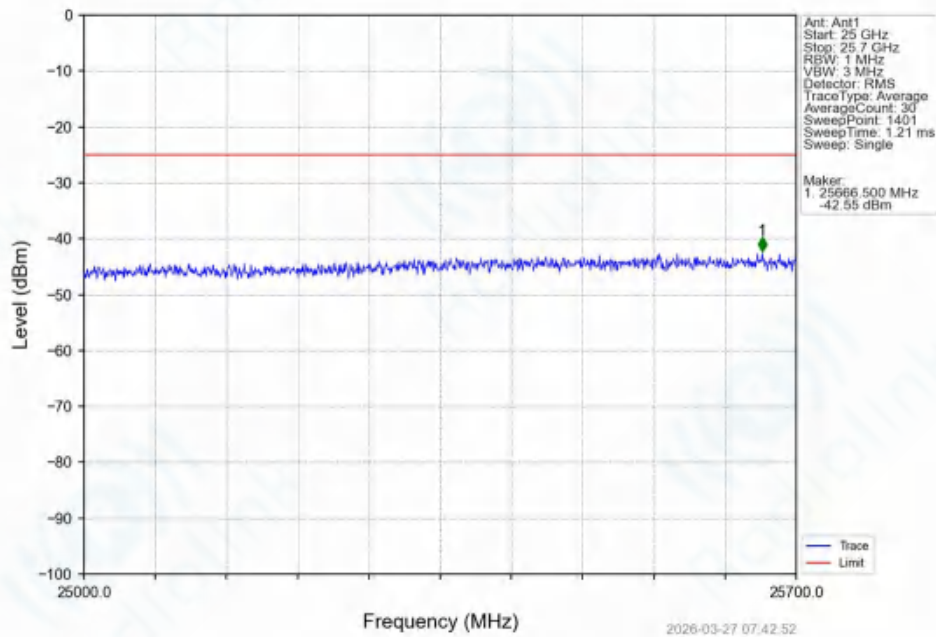
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



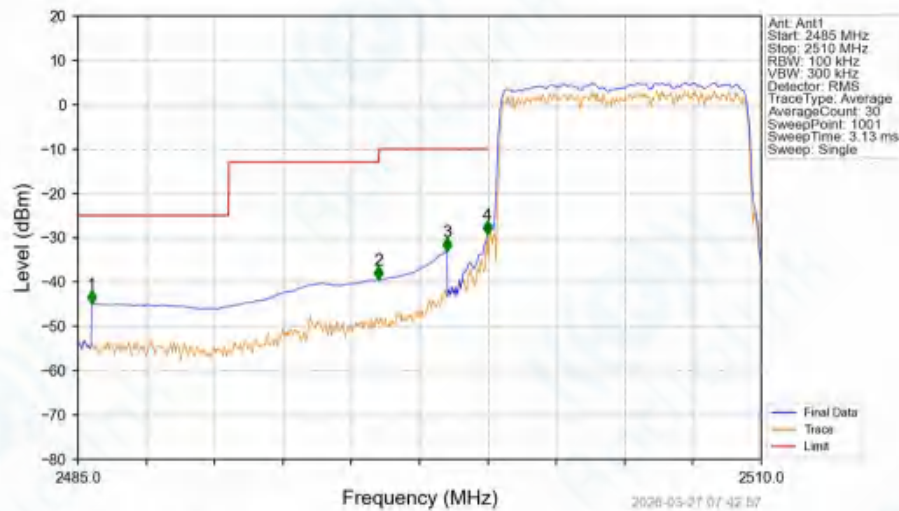
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Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



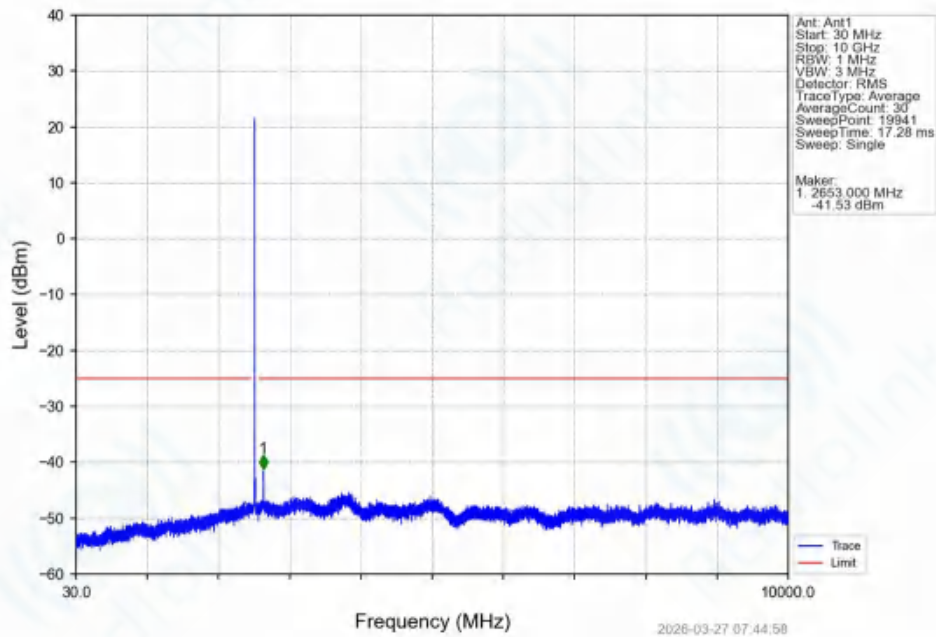
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.500   | -44.93      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -39.59      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -33.06      | -10         | Pass   |
| 2499        | 2500       | 0.199     | CHP    | 4          | 2499.975   | -29.28      | -10         | Pass   |
| 2500        | 2510       | 0.199     | CHP    | /          | /          | /           | /           | /      |

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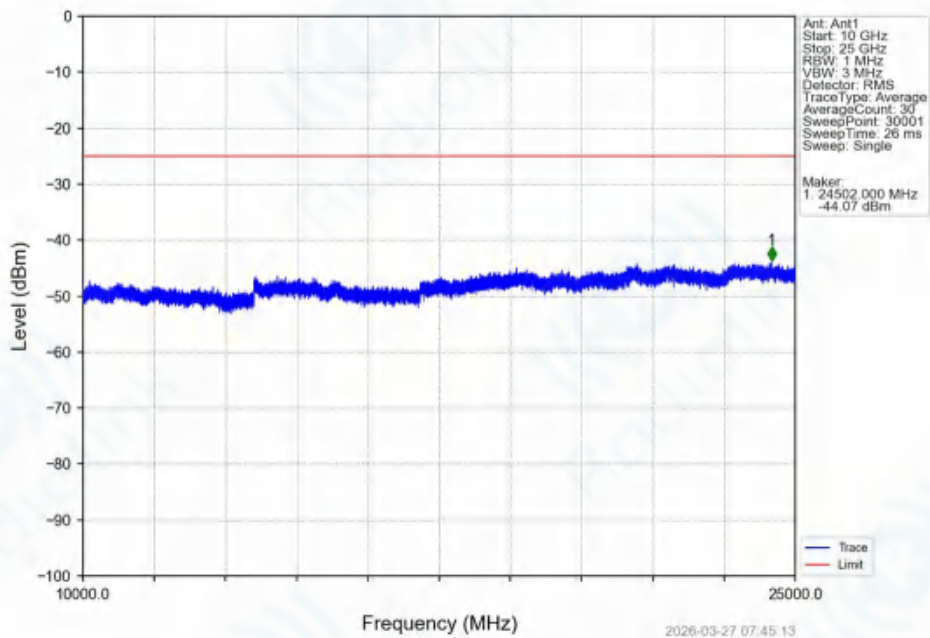
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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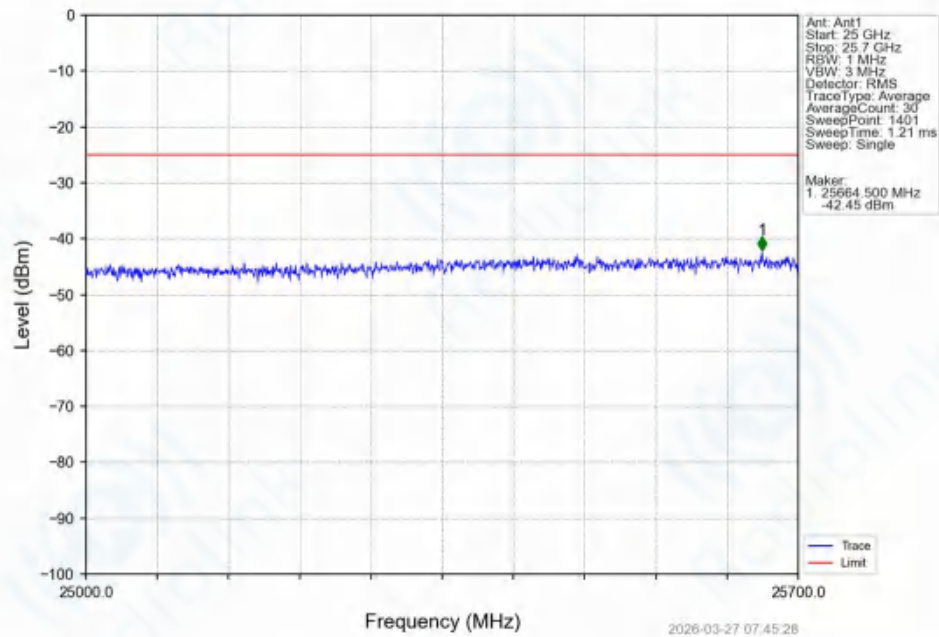
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



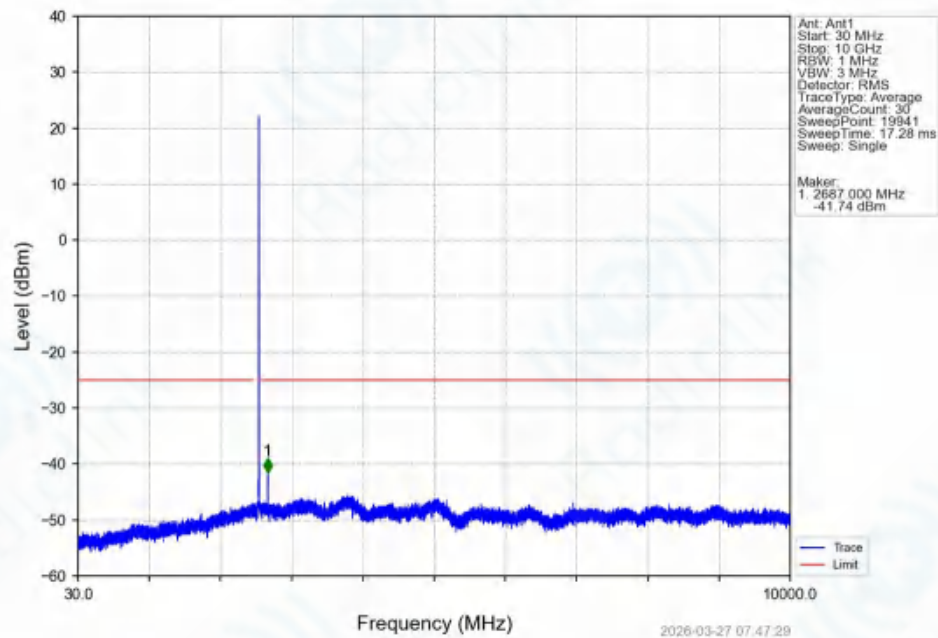
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



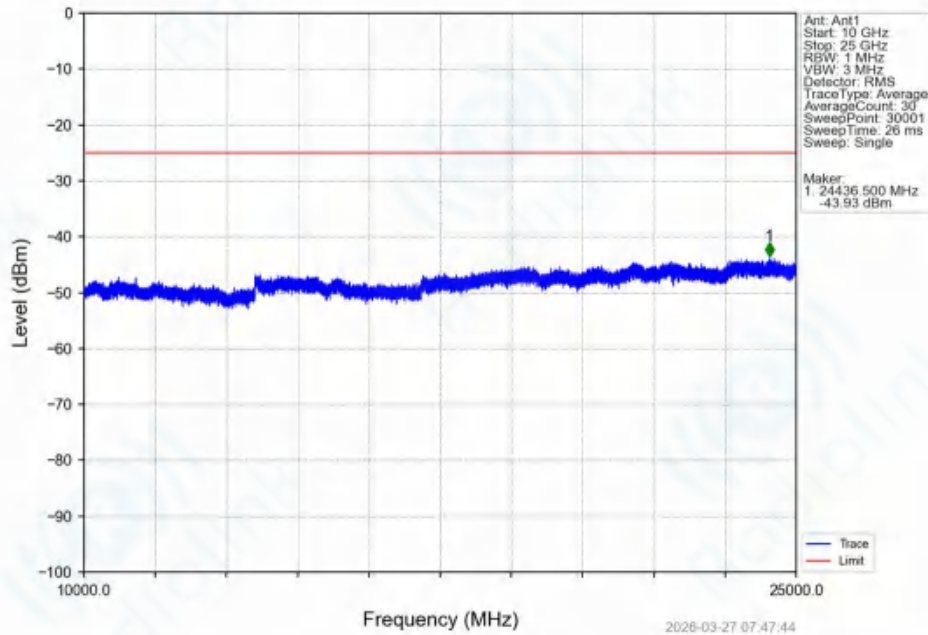
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



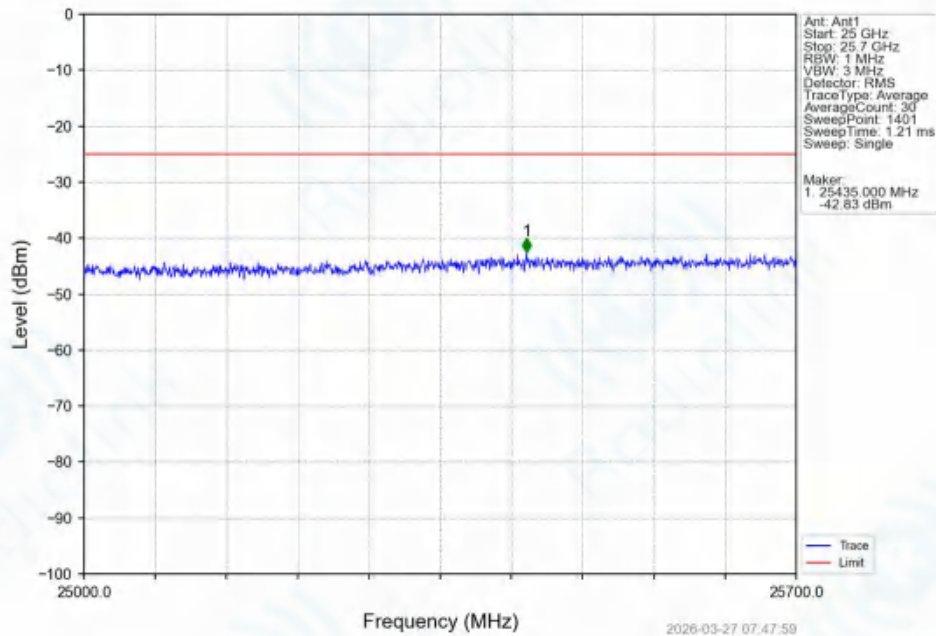
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Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV

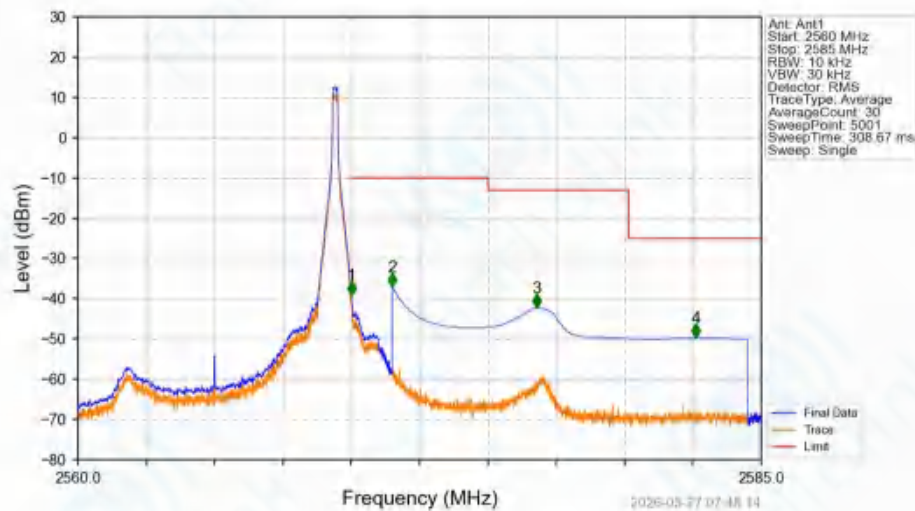


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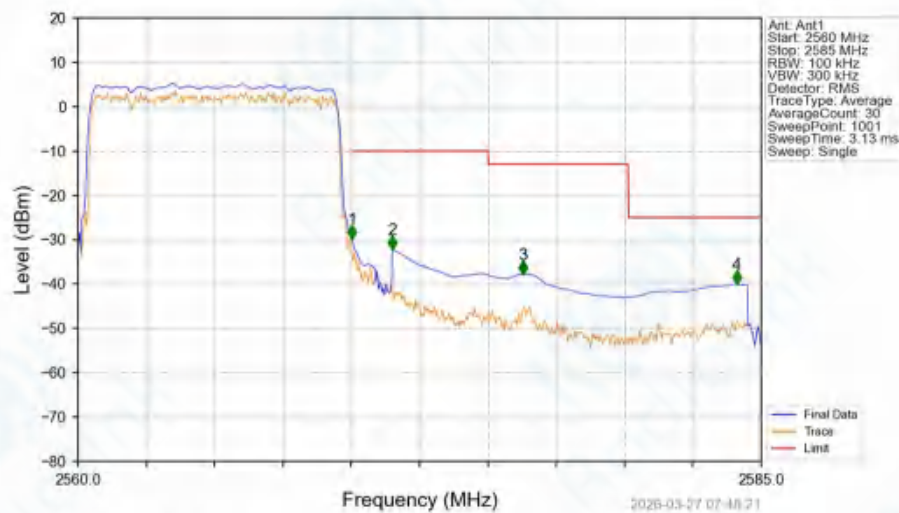
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## Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_49\_NTNV



| 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   | -39.09      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -37.06      | -10         | Pass   |
| 2575        | 2580.14    | 1         | CHP    | 3          | 2576.775   | -42.28      | -13         | Pass   |
| 2580.14     | 2585       | 1         | CHP    | 4          | 2582.610   | -49.74      | -25         | Pass   |

## Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV

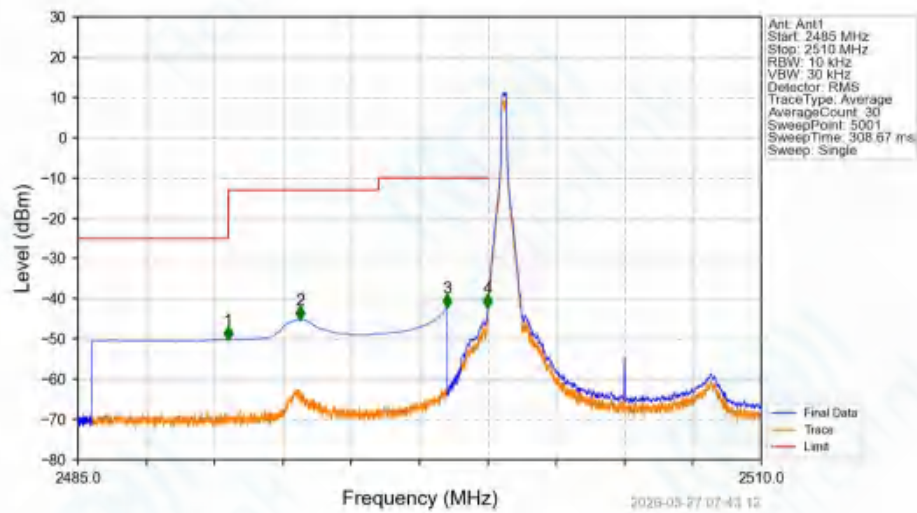


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.203     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.203     | CHP    | 1          | 2570.025   | -29.88      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -32.16      | -10         | Pass   |
| 2575        | 2580.14    | 1         | CHP    | 3          | 2576.275   | -37.80      | -13         | Pass   |
| 2580.14     | 2585       | 1         | CHP    | 4          | 2584.100   | -40.05      | -25         | Pass   |

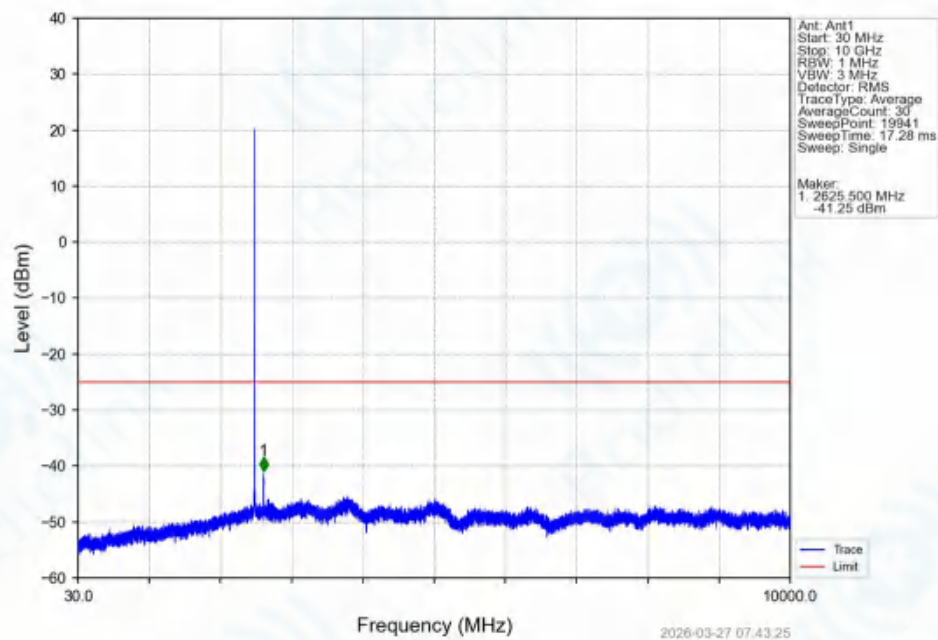
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## Band7 10MHz 64QAM LCH 2505MHz RB 1\_0 NTN



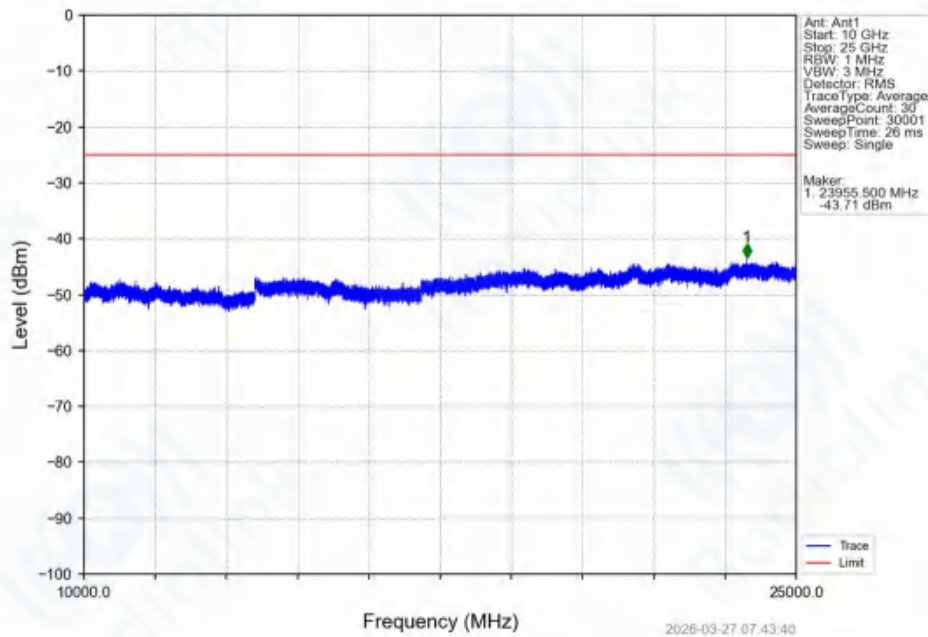
## Band7 10MHz 64QAM LCH 2505MHz RB 1\_0 NTN



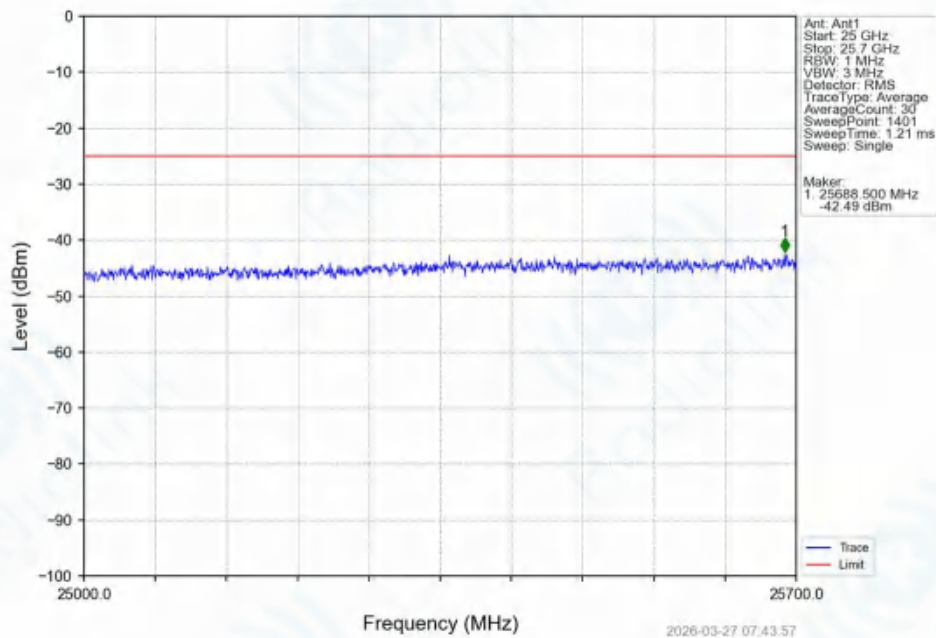
Radiolink Testing (Shenzhen) Co., Ltd.

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Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



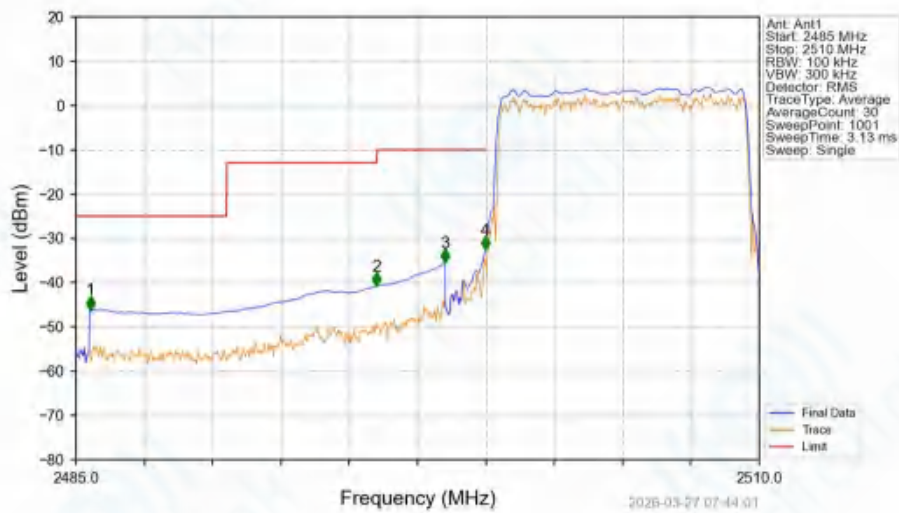
Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



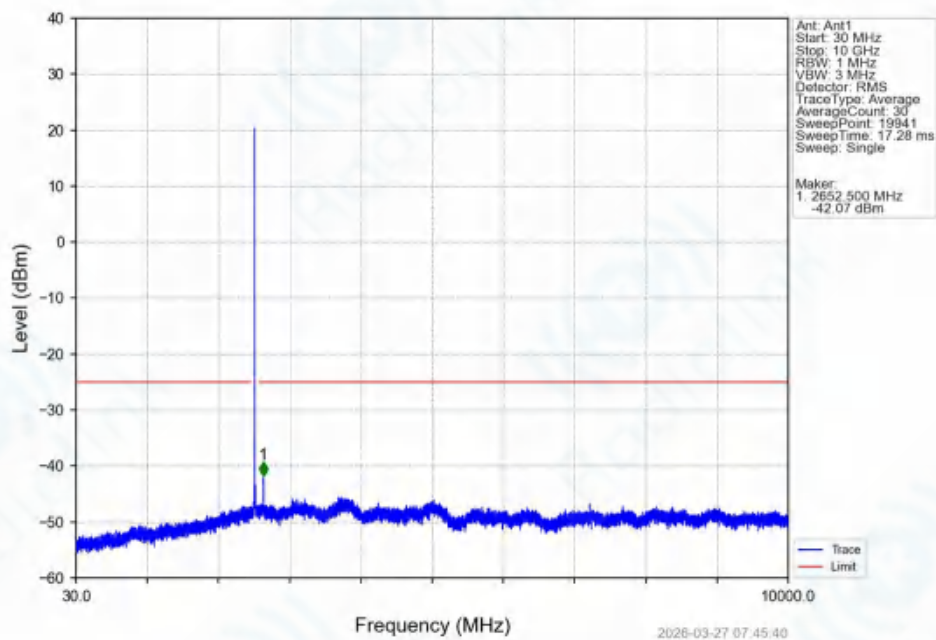
Radiolink Testing (Shenzhen) Co., Ltd.

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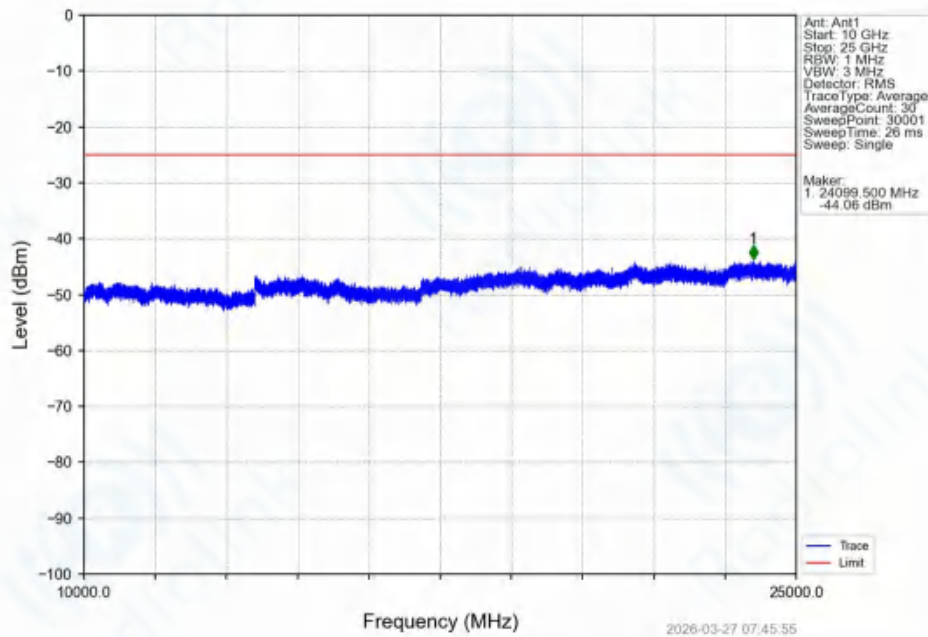
### Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



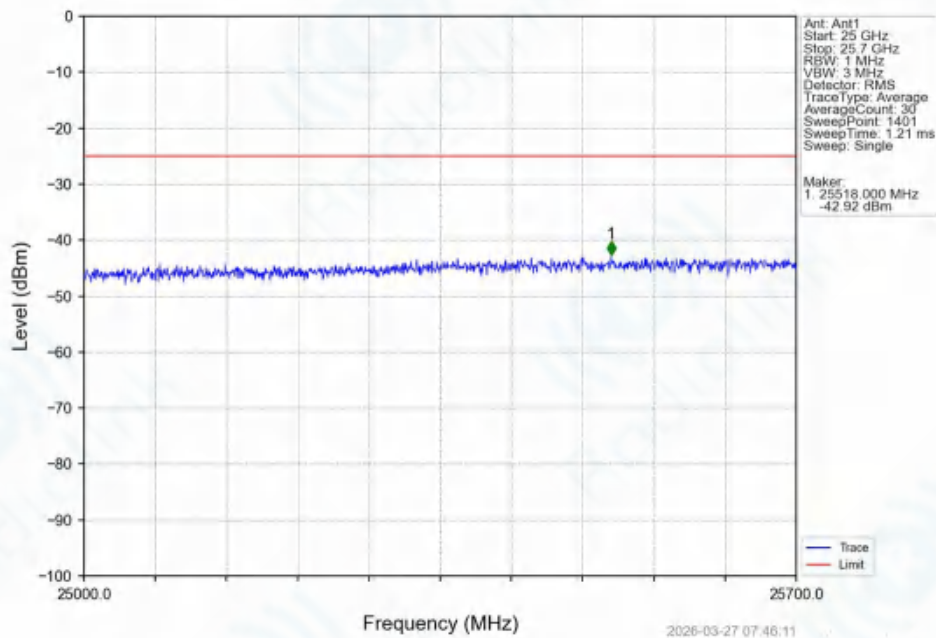
### Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

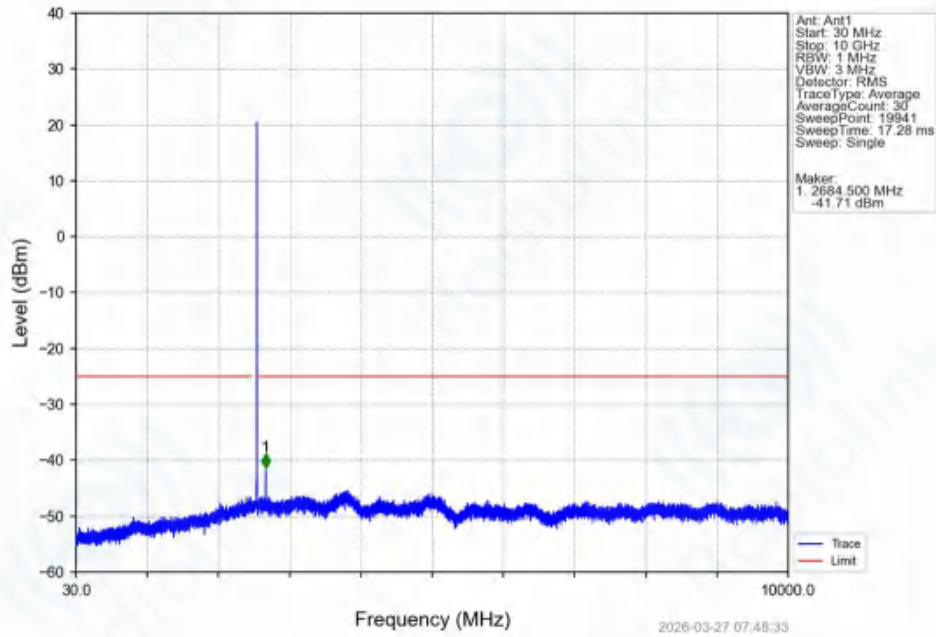


Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

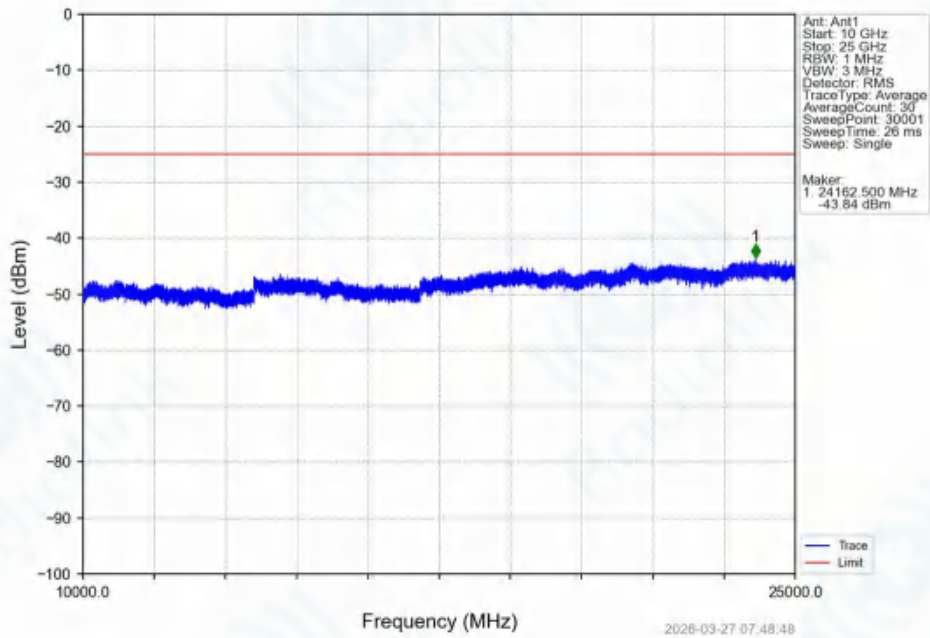

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Tel: +86 0755 23080694

Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



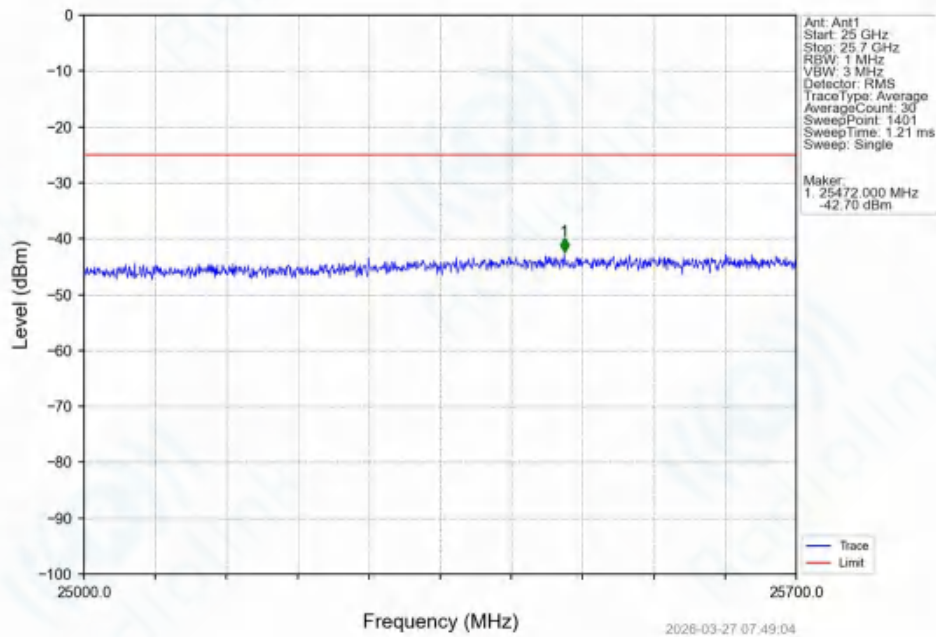
Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV


**Radiolink Testing (Shenzhen) Co., Ltd.**

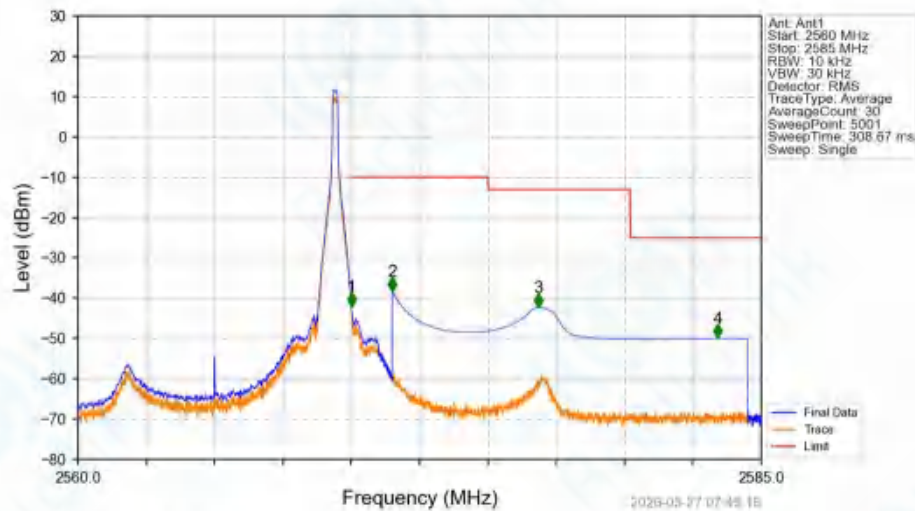
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_1\_49\_NTNV

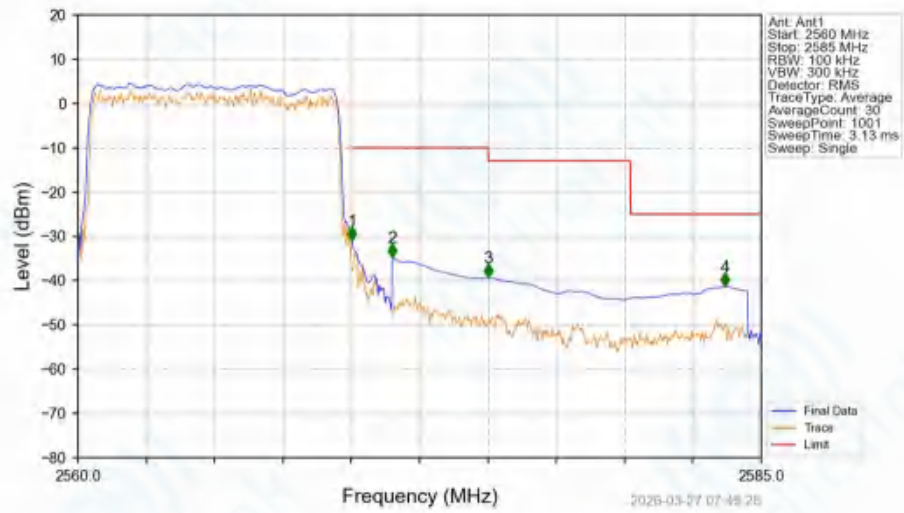


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.02      | CHP    | 1          | 2570.005   | -42.02      | -10         | Pass   |
| 2570        | 2571       | 0.02      | CHP    | 2          | 2571.500   | -38.36      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 3          | 2576.855   | -42.36      | -13         | Pass   |
| 2575        | 2580.202   | 1         | CHP    | 4          | 2583.415   | -49.96      | -25         | Pass   |

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Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



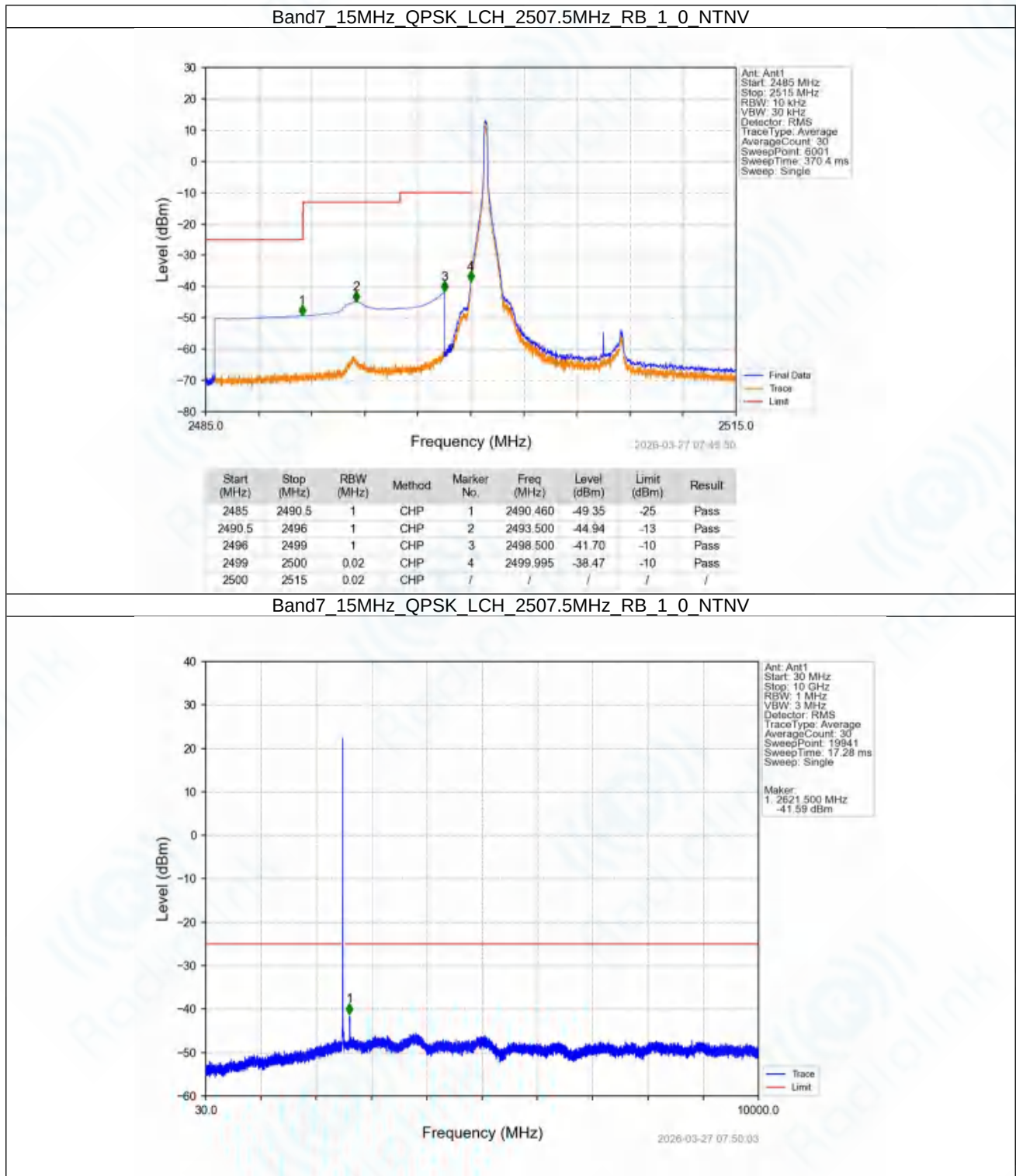
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2560        | 2570       | 0.204     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.204     | CHP    | 1          | 2570.025   | -31.02      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -34.70      | -10         | Pass   |
| 2575        | 2580.202   | 1         | CHP    | 3          | 2575.025   | -39.40      | -13         | Pass   |
| 2580.202    | 2585       | 1         | CHP    | 4          | 2583.675   | -41.27      | -25         | Pass   |



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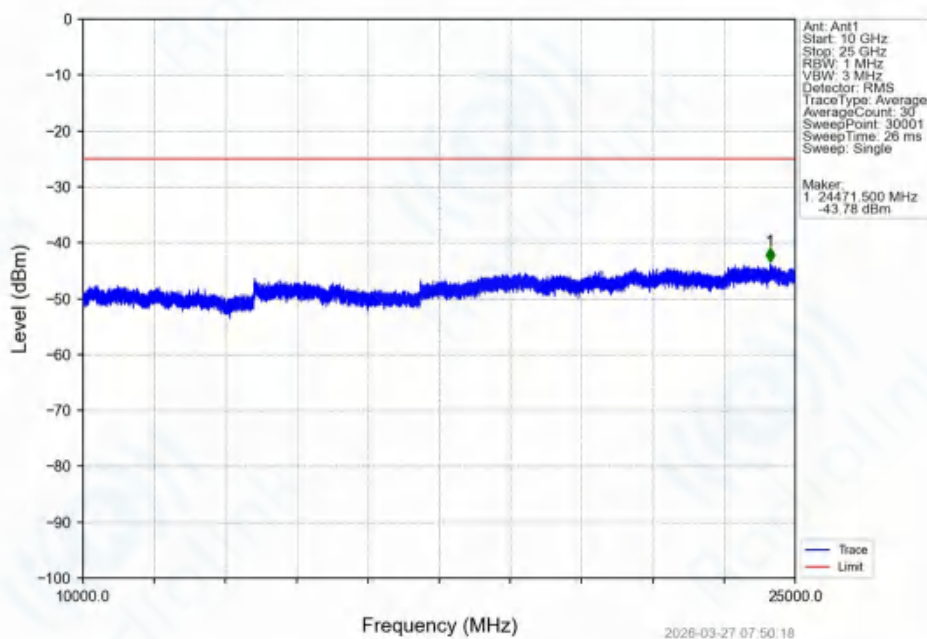
### 6.2.3 B7\_15MHz



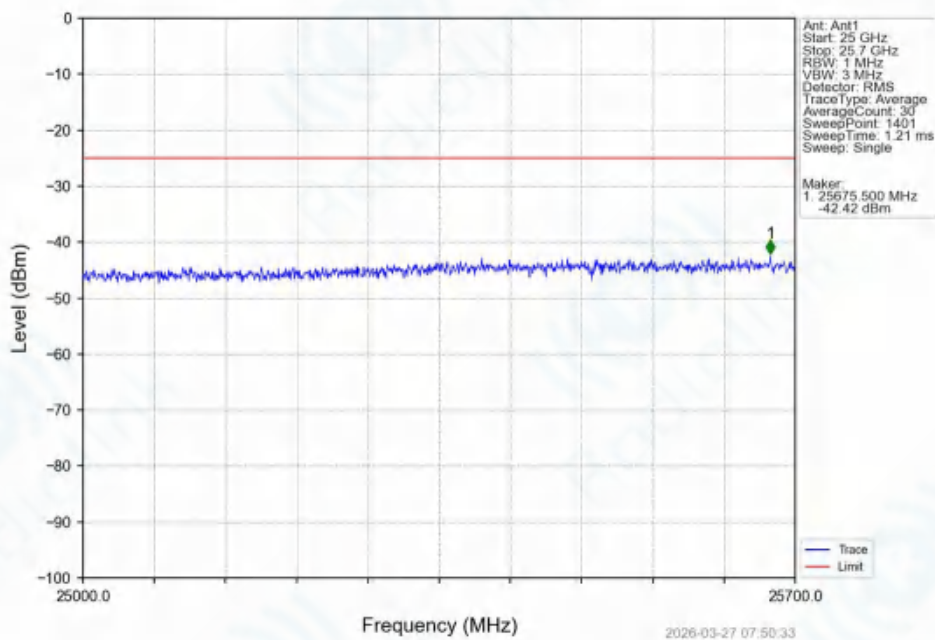
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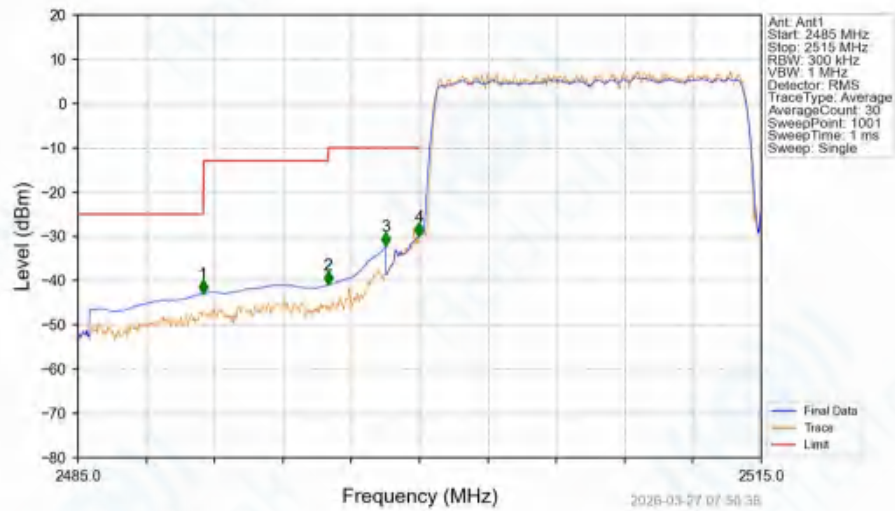
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



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

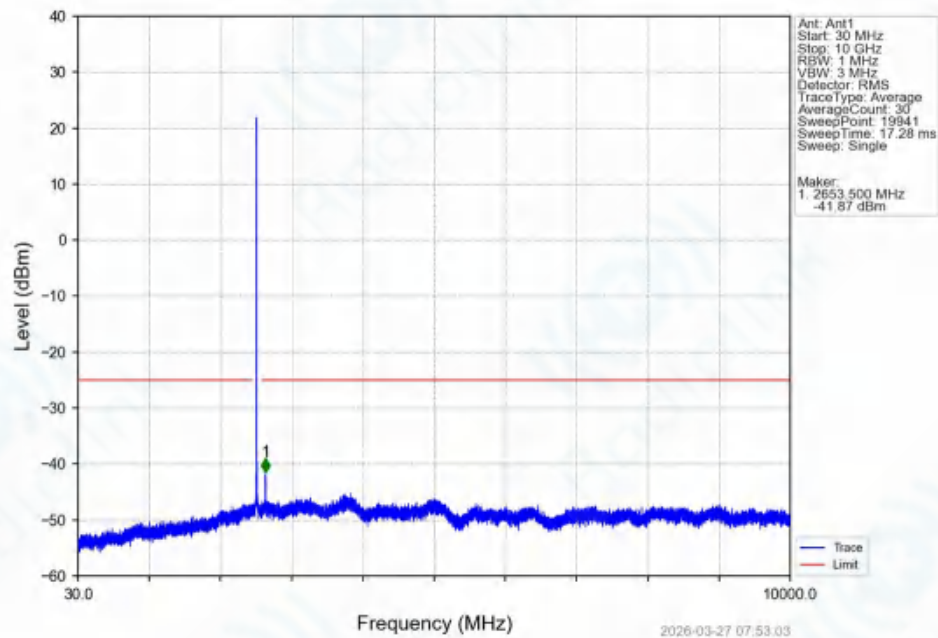


### Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -42.96      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.980   | -40.96      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -32.19      | -10         | Pass   |
| 2499        | 2500       | 0.322     | CHP    | 4          | 2499.970   | -30.10      | -10         | Pass   |
| 2500        | 2515       | 0.322     | CHP    | /          | /          | /           | /           | /      |

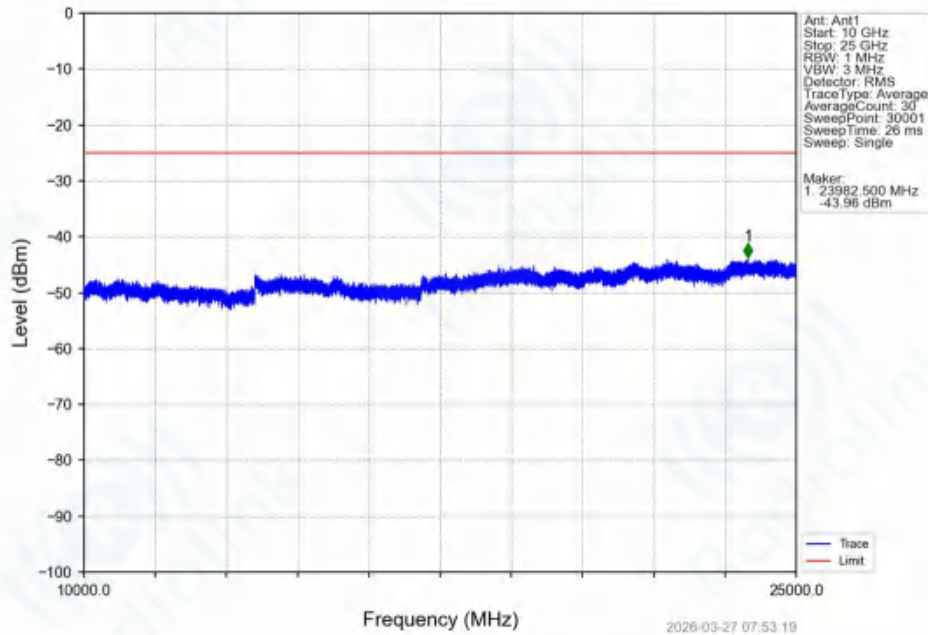
### Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



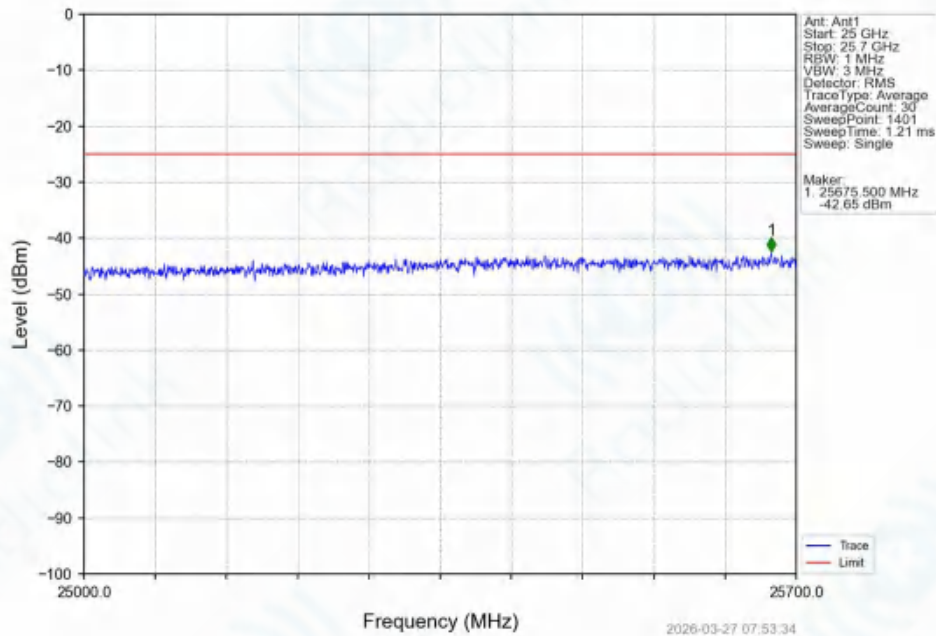
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Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



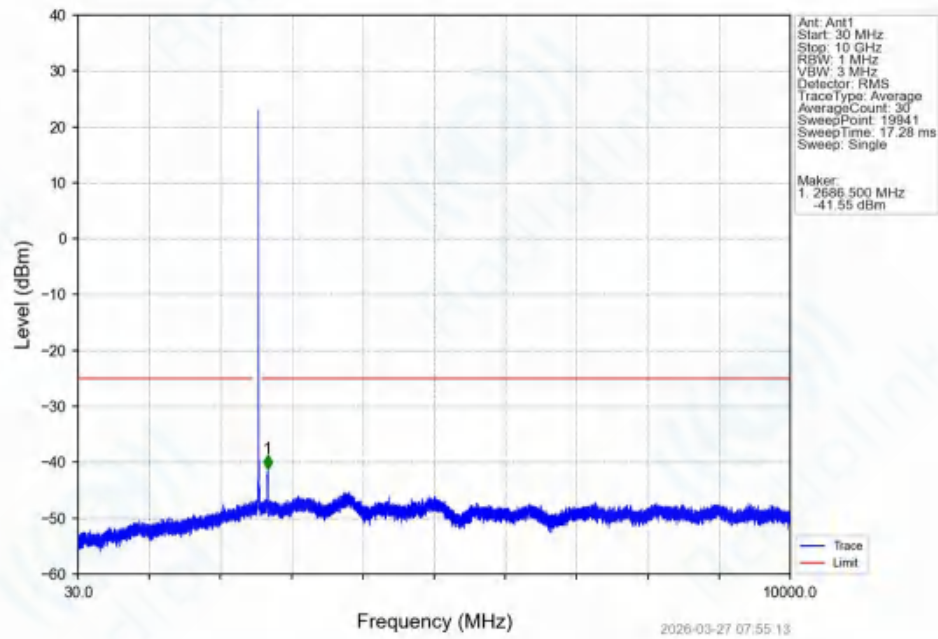
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



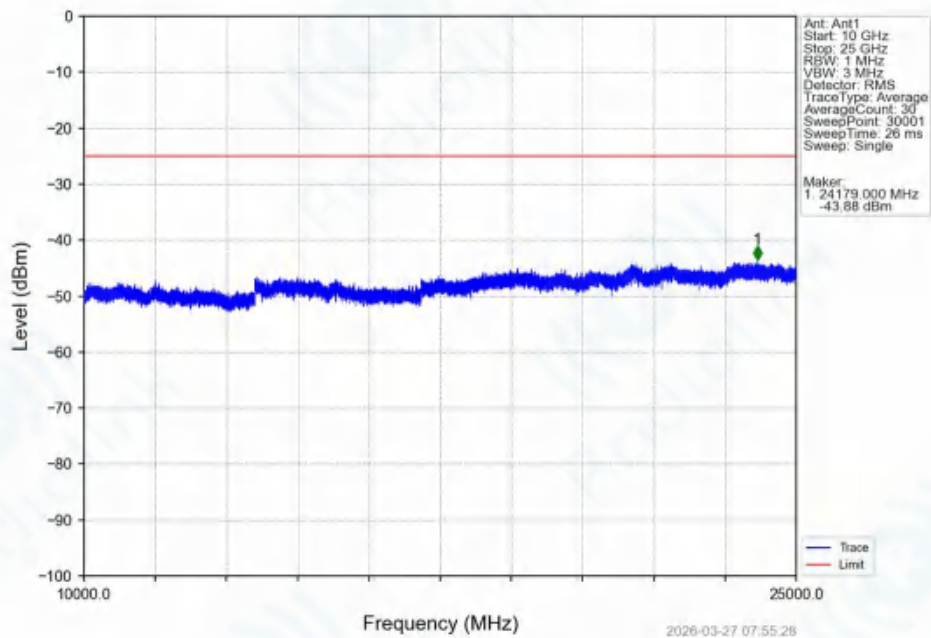
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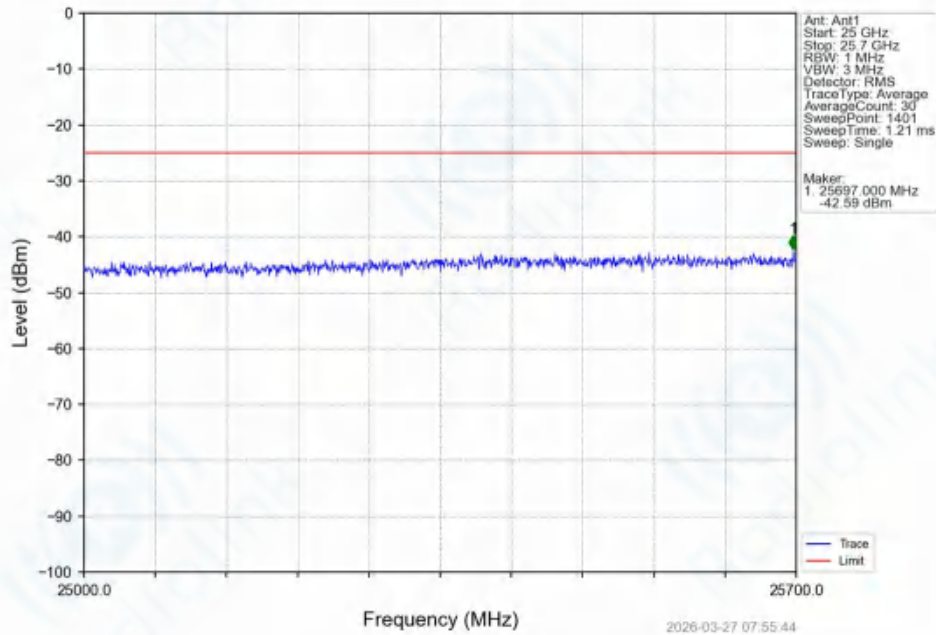
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



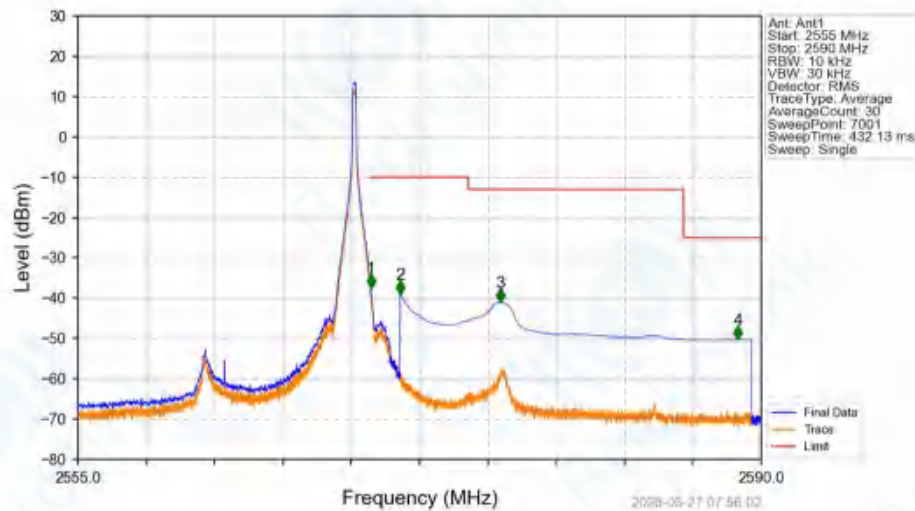
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



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



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

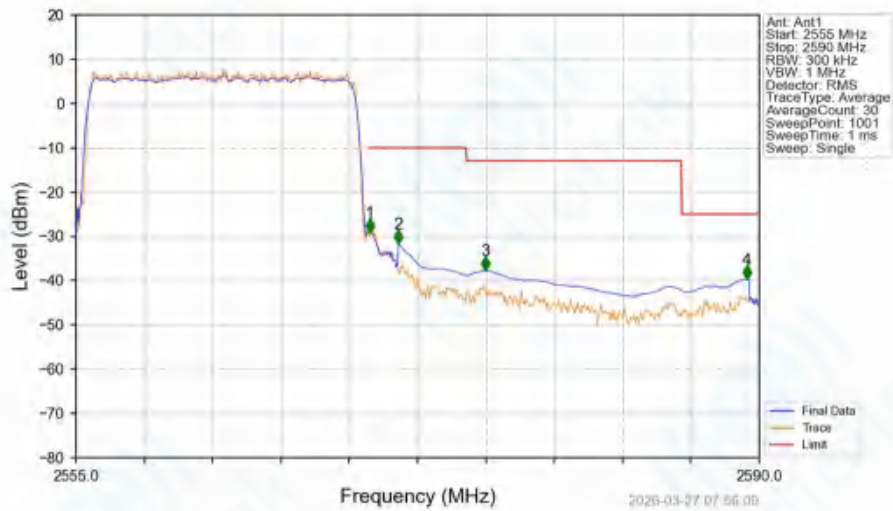


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | 1          | 2570.005   | -37.37      | -10         | Pass   |
| 2570        | 2571       | 0.02      | CHP    | 2          | 2571.500   | -39.05      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 3          | 2576.620   | -41.00      | -13         | Pass   |
| 2575        | 2586.026   | 1         | CHP    | 4          | 2588.815   | -50.28      | -25         | Pass   |

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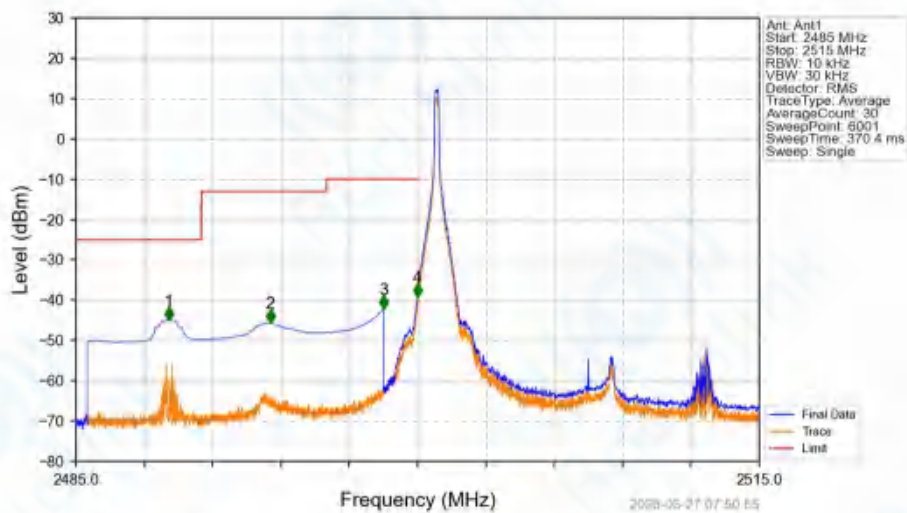
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### Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.321     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.321     | CHP    | 1          | 2570.050   | -29.21      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.520   | -31.65      | -10         | Pass   |
| 2575        | 2586.026   | 1         | CHP    | 3          | 2575.965   | -37.76      | -13         | Pass   |
| 2586.026    | 2590       | 1         | CHP    | 4          | 2589.370   | -39.63      | -25         | Pass   |

### Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



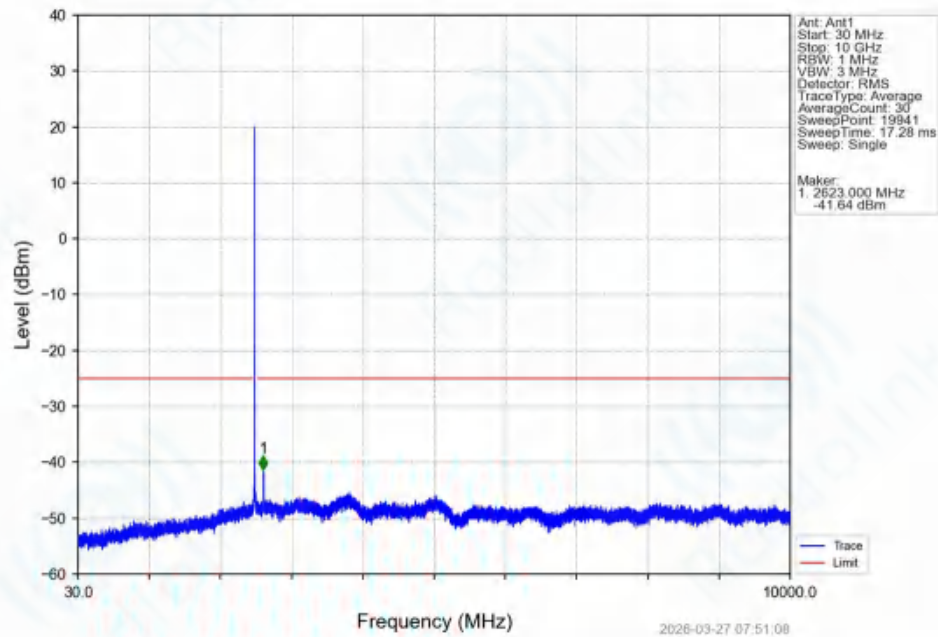
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.080   | -45.02      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.535   | -45.68      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -42.32      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -39.24      | -10         | Pass   |
| 2500        | 2515       | 0.02      | CHP    | /          | /          | /           | /           | /      |

**Radiolink Testing (Shenzhen) Co., Ltd.**

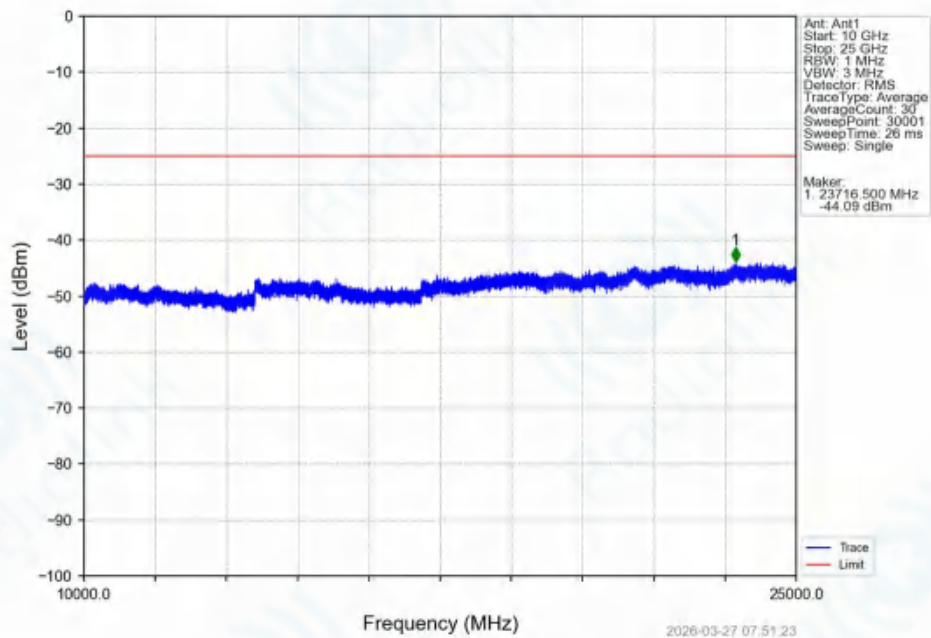
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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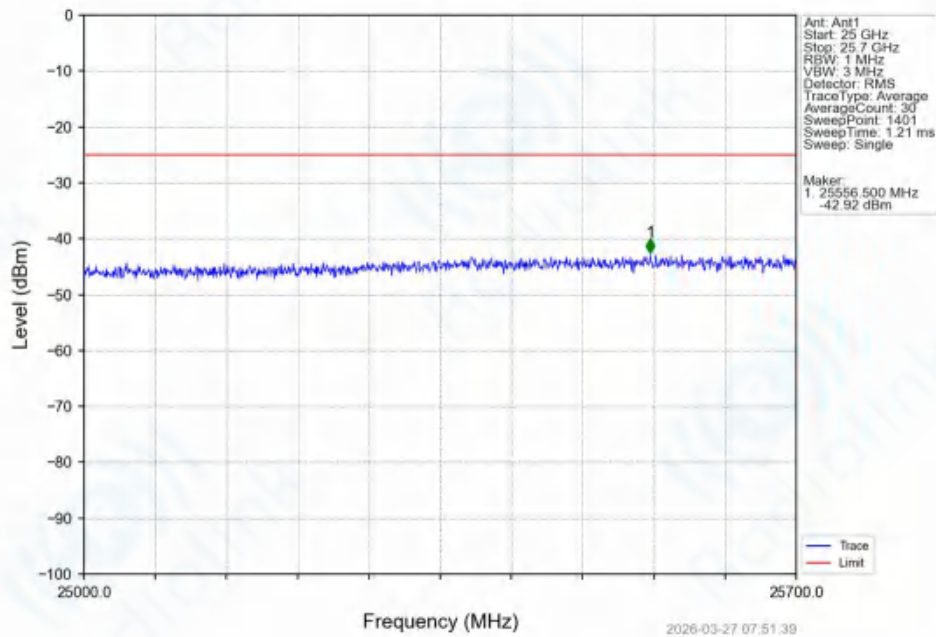
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



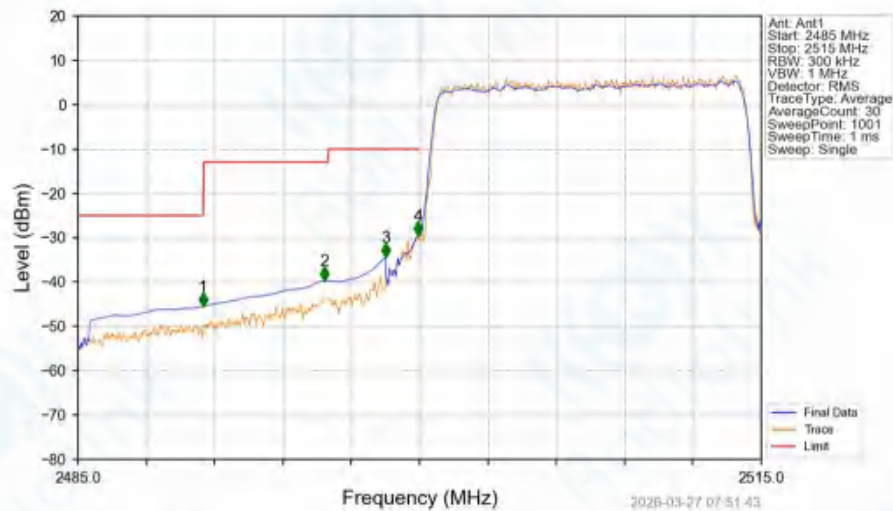
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

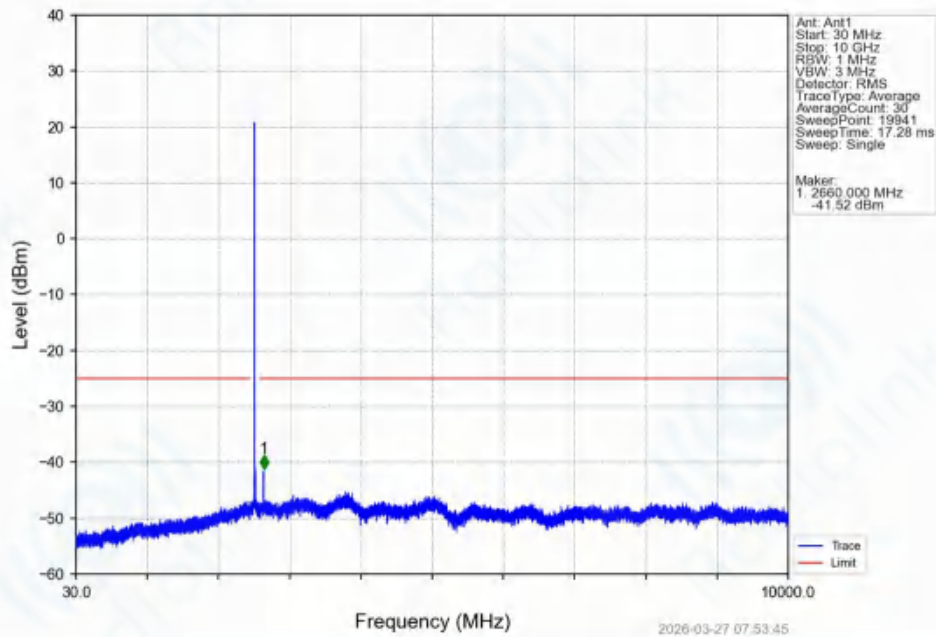


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -45.51      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.830   | -39.75      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -34.43      | -10         | Pass   |
| 2499        | 2500       | 0.32      | CHP    | 4          | 2499.940   | -29.54      | -10         | Pass   |
| 2500        | 2515       | 0.32      | CHP    | /          | /          | /           | /           | /      |

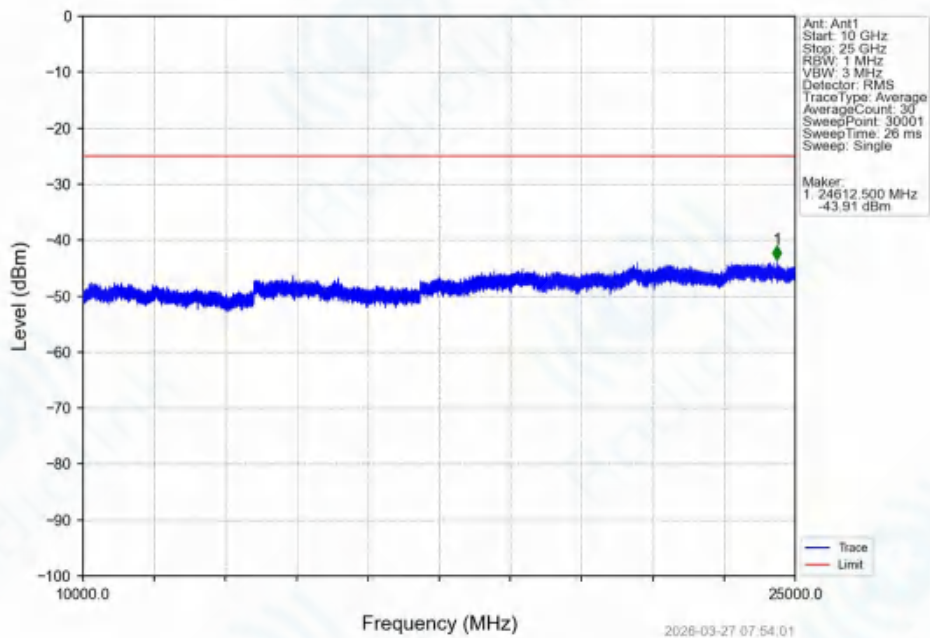
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Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

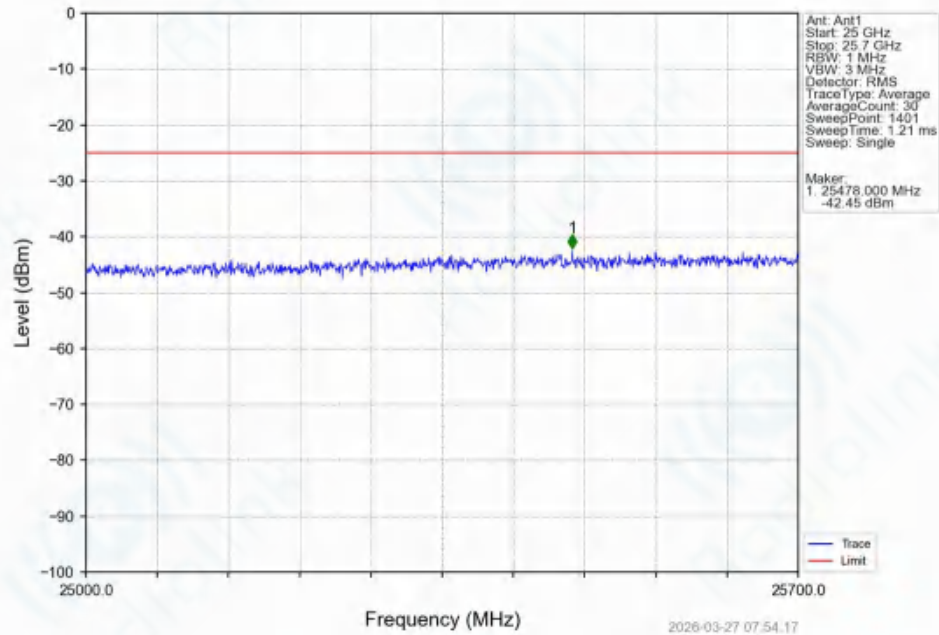


Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

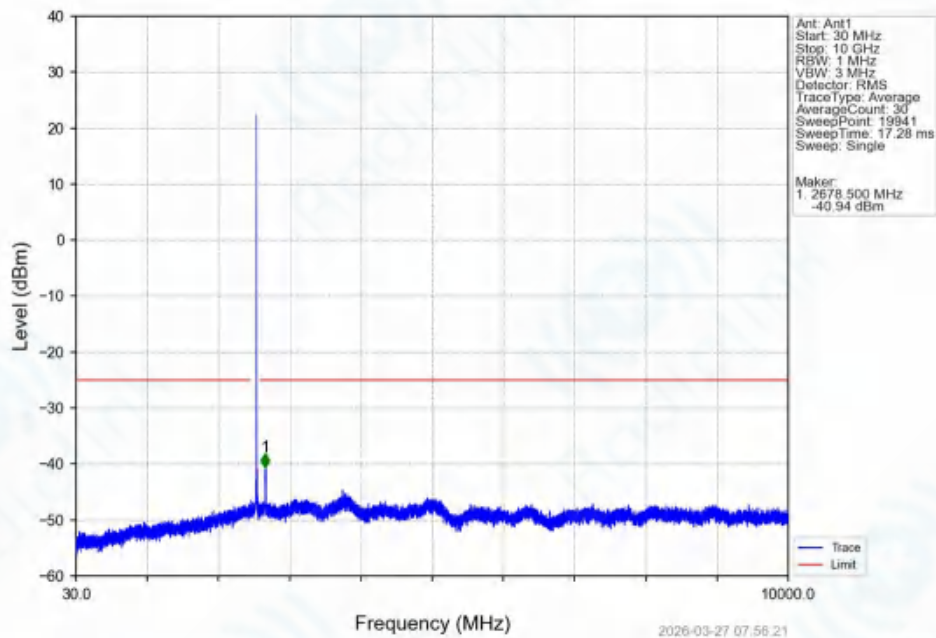

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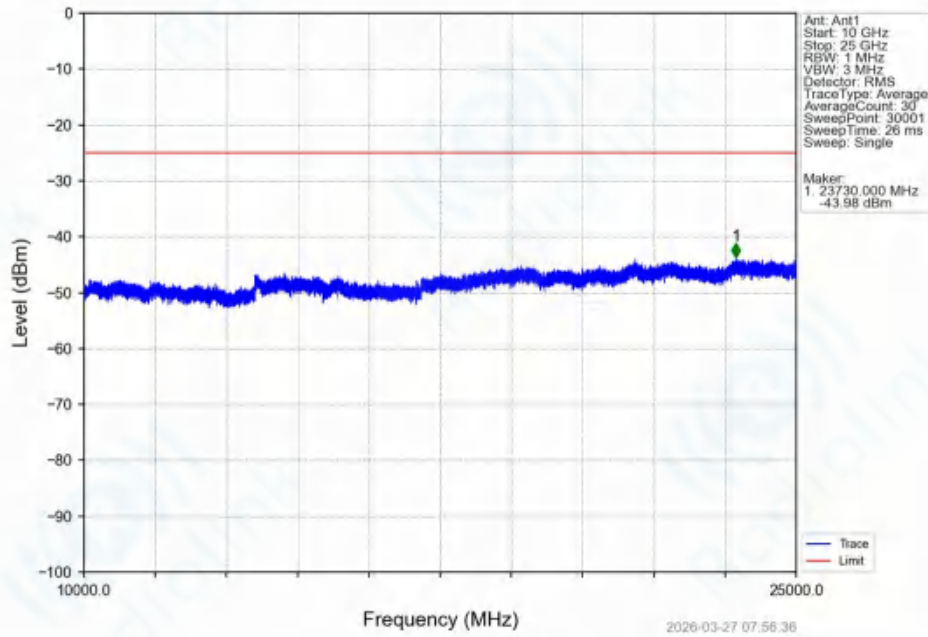
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



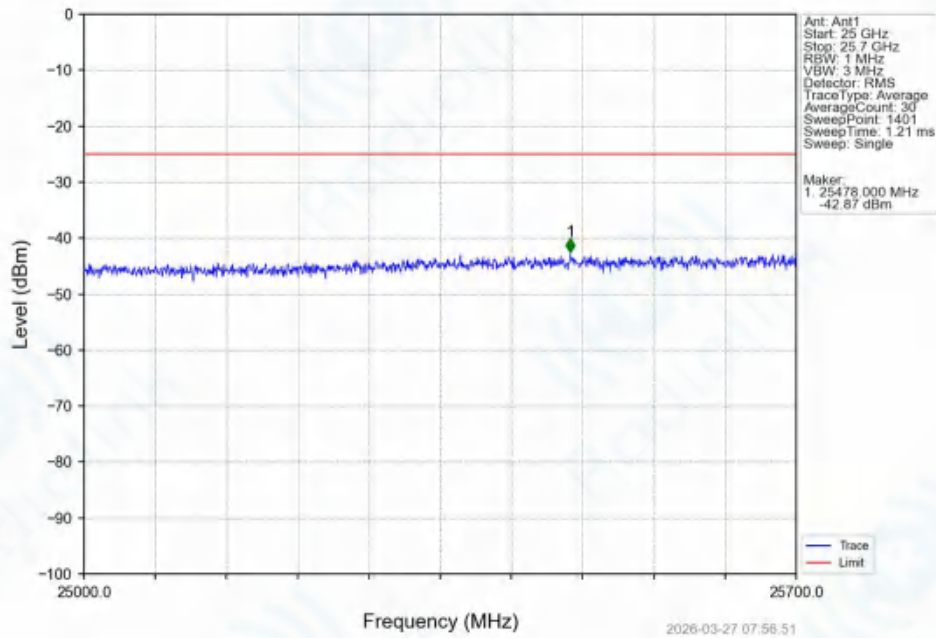
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV

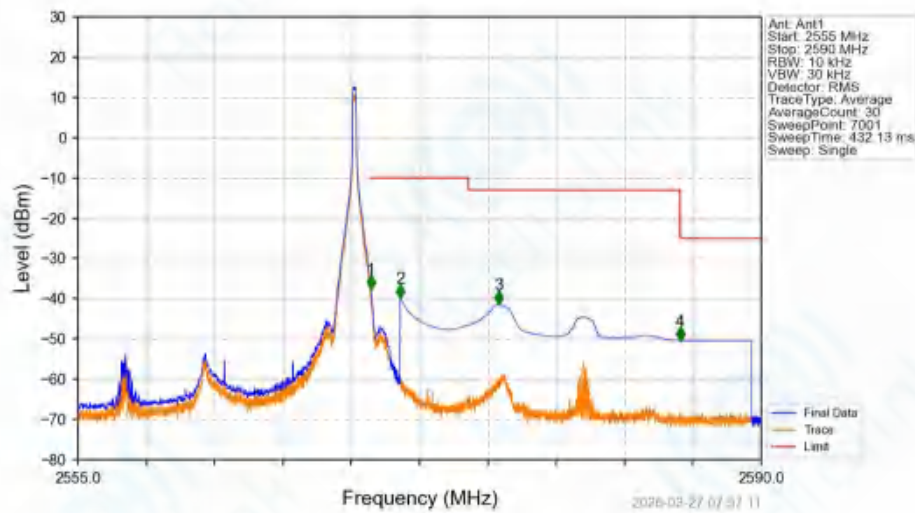


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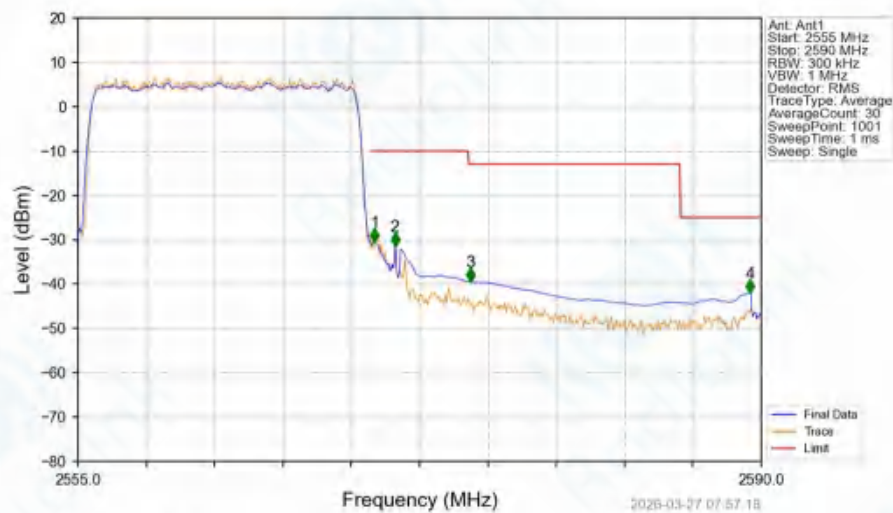
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## Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_74\_NTNV



| 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          | 2570.010   | -37.73      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -39.89      | -10         | Pass   |
| 2575        | 2585.847   | 1         | CHP    | 3          | 2576.545   | -41.52      | -13         | Pass   |
| 2585.847    | 2590       | 1         | CHP    | 4          | 2585.850   | -50.41      | -25         | Pass   |

## Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



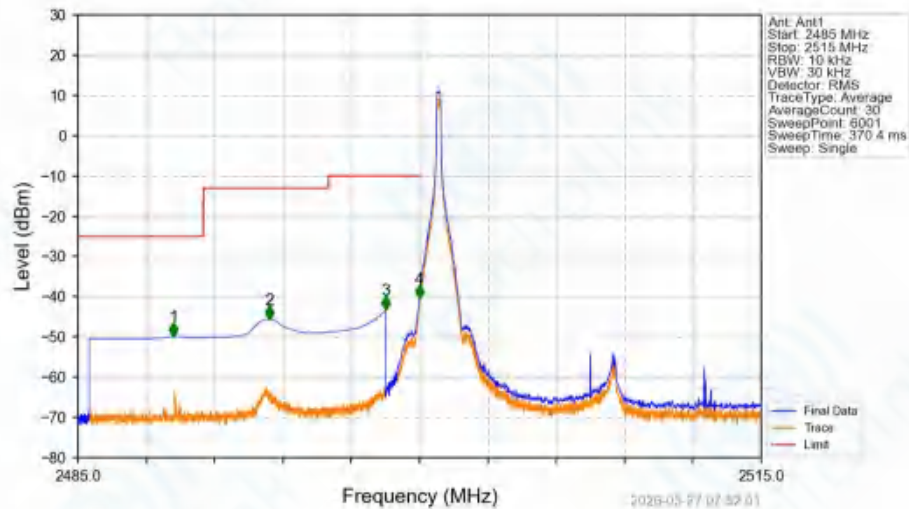
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.317     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.317     | CHP    | 1          | 2570.190   | -30.56      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.240   | -31.52      | -10         | Pass   |
| 2575        | 2585.847   | 1         | CHP    | 3          | 2575.090   | -39.50      | -13         | Pass   |
| 2585.847    | 2590       | 1         | CHP    | 4          | 2589.440   | -42.01      | -25         | Pass   |

Radiolink Testing (Shenzhen) Co., Ltd.

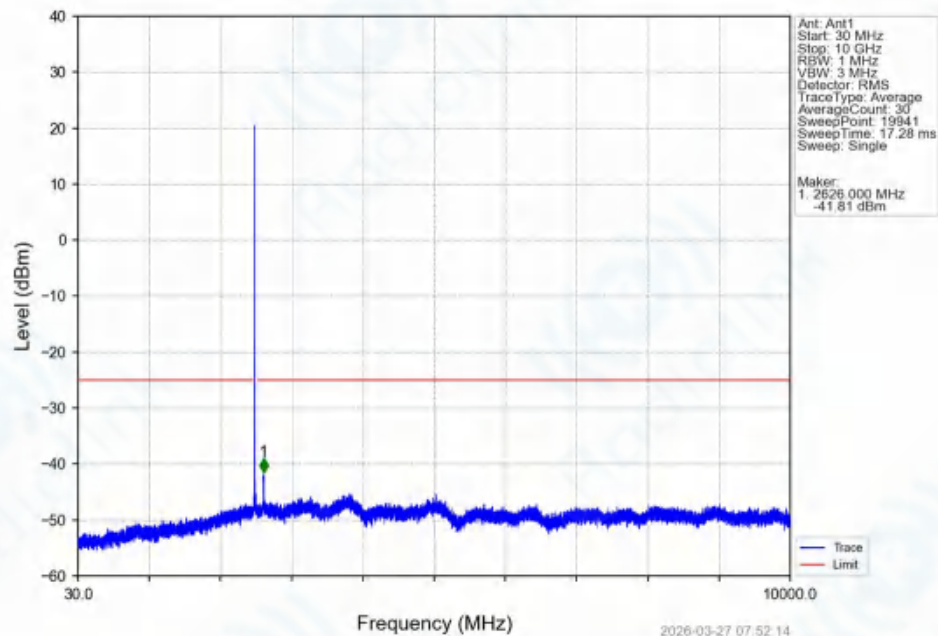
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## Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



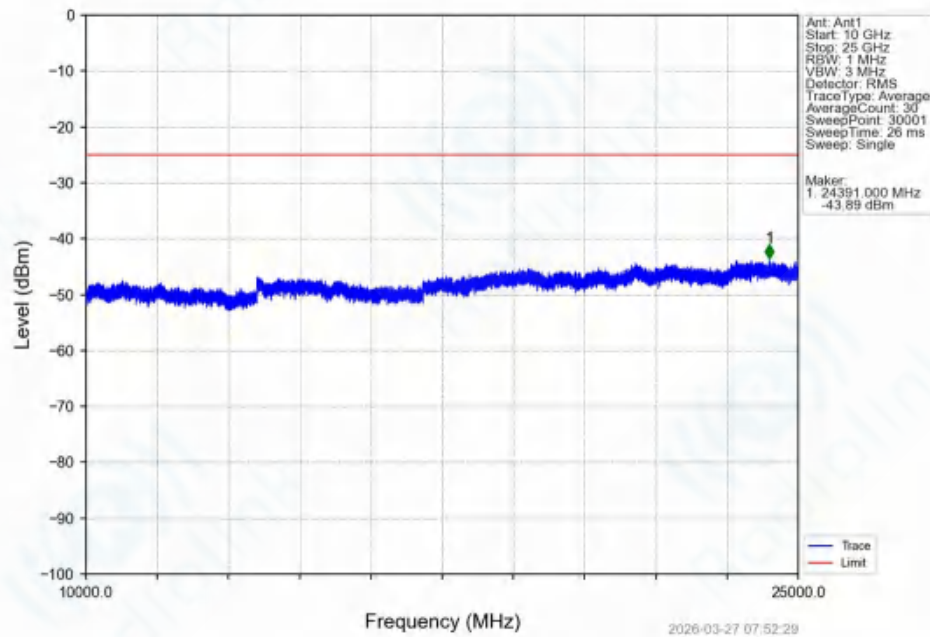
## Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



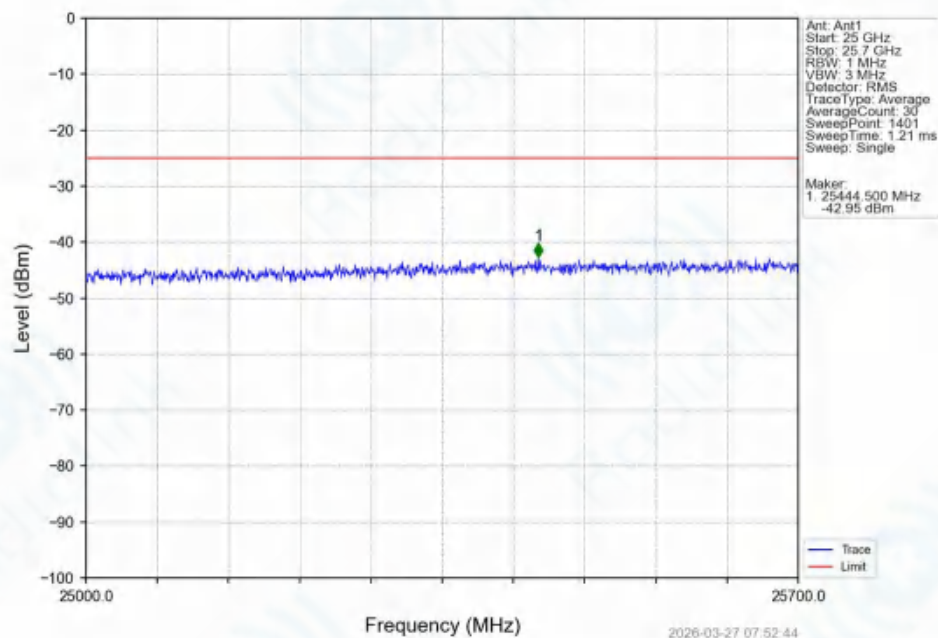
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Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



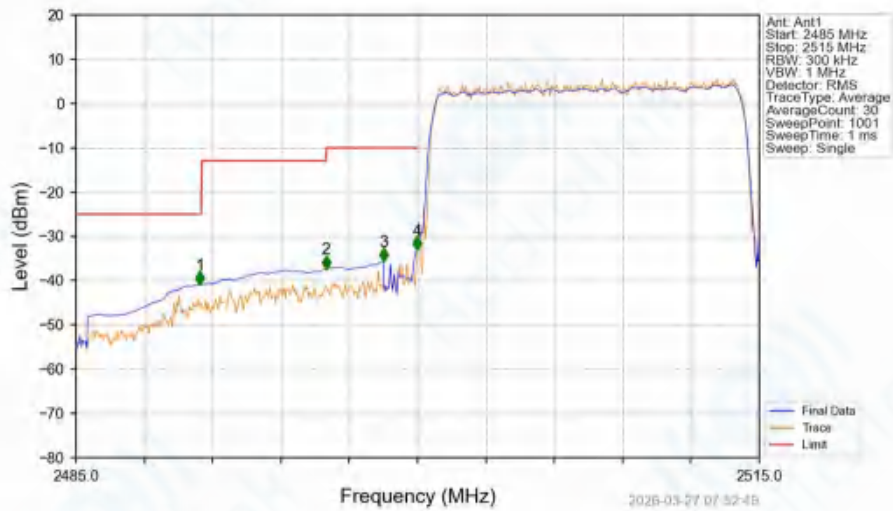
Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



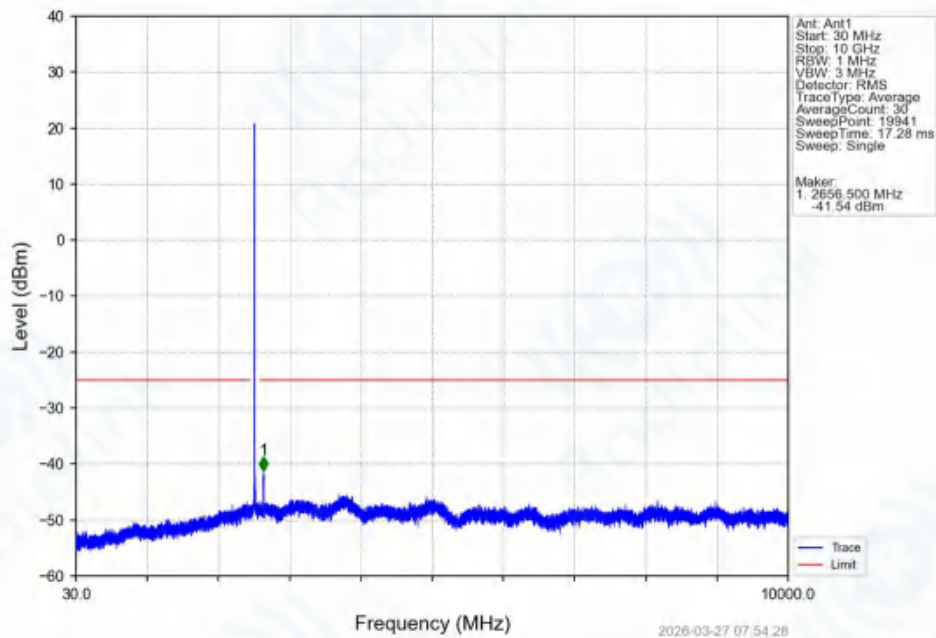
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## Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



## Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

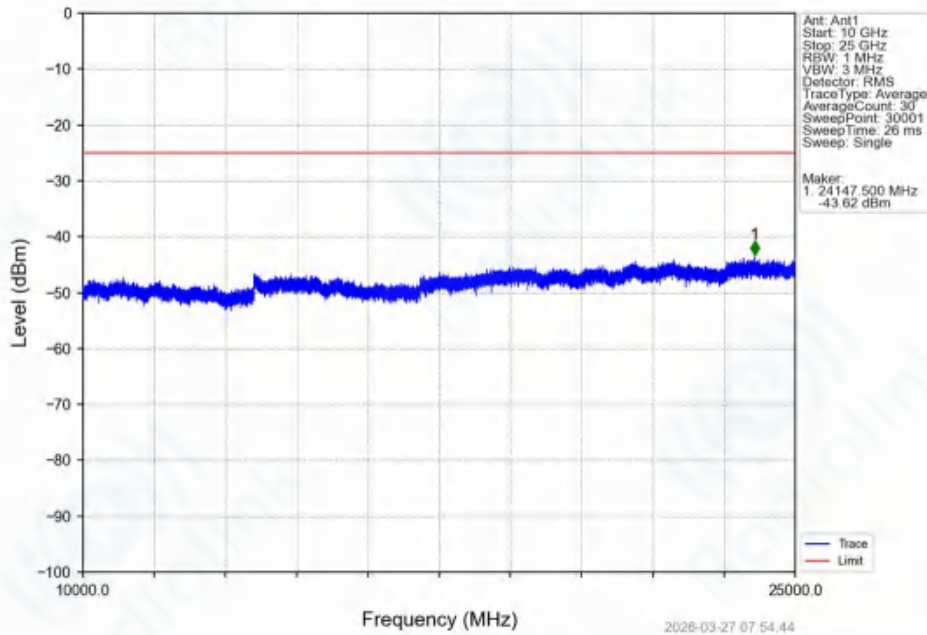


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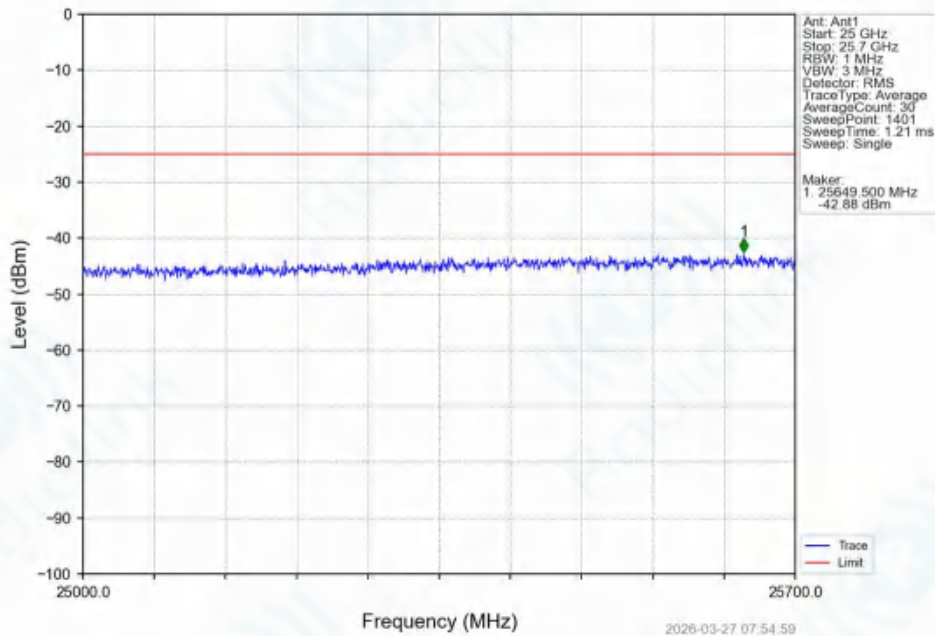
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

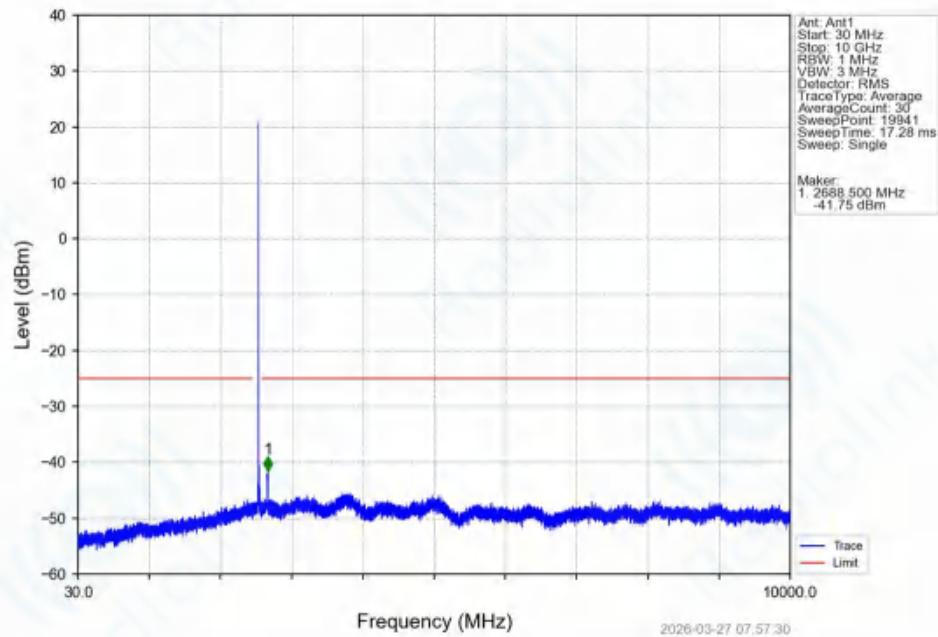
Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



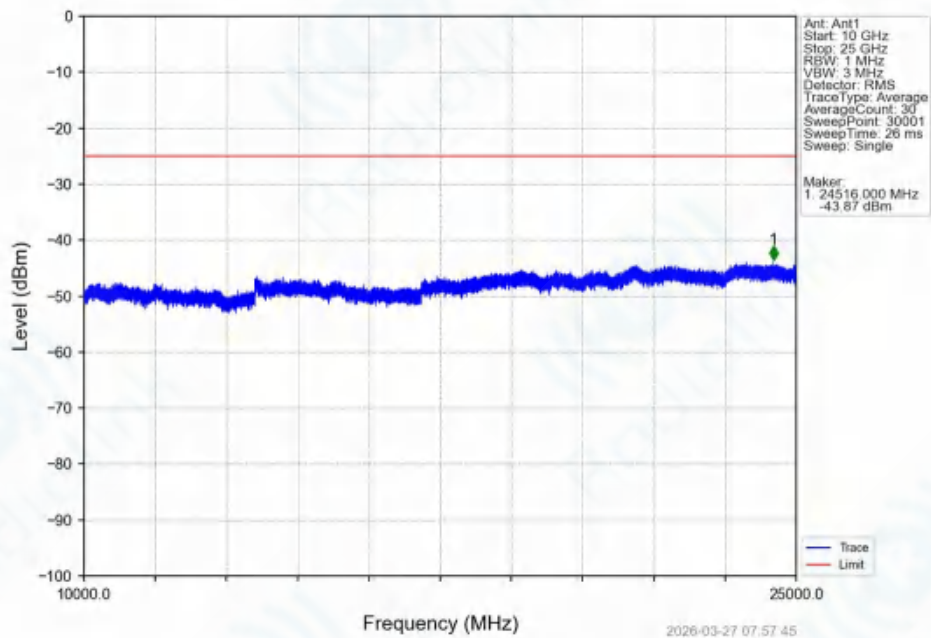
Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7 15MHz 64QAM HCH 2562.5MHz RB\_1\_0 NTNv

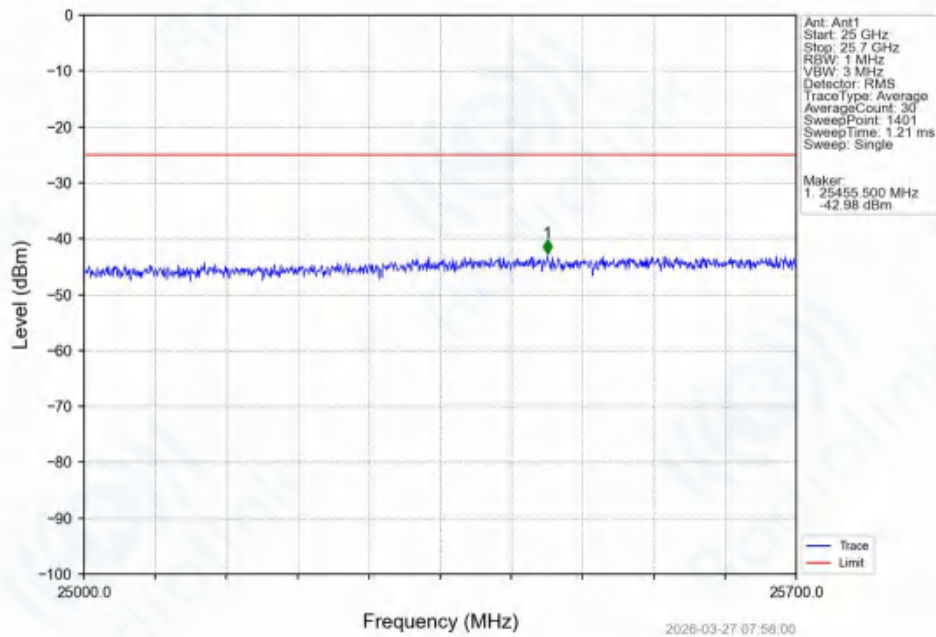


Band7 15MHz 64QAM HCH 2562.5MHz RB\_1\_0 NTNv

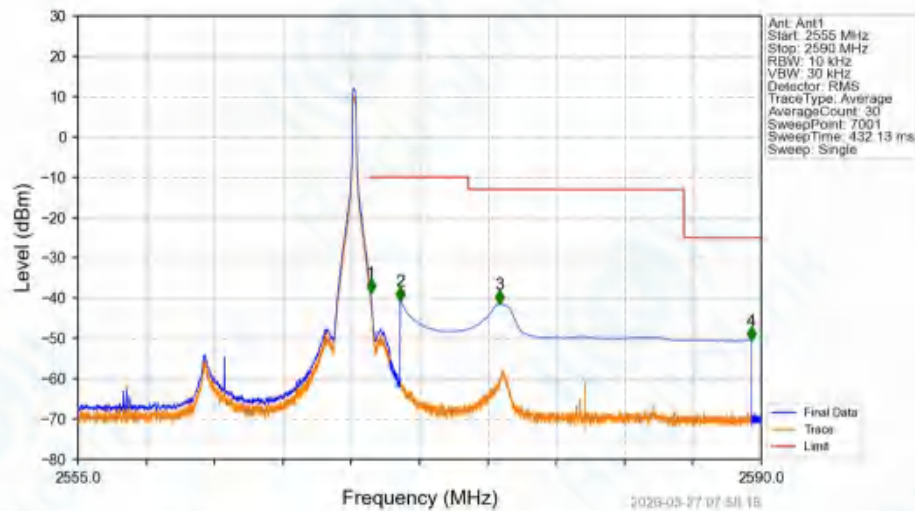

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Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_1\_74\_NTNV

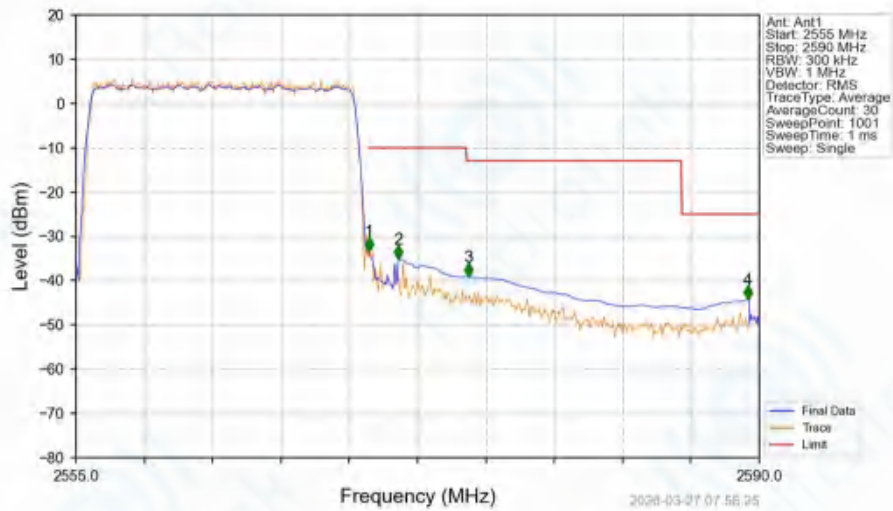


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -38.60      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -40.64      | -10         | Pass   |
| 2575        | 2586.04    | 1         | CHP    | 3          | 2576.600   | -41.54      | -13         | Pass   |
| 2586.04     | 2590       | 1         | CHP    | 4          | 2589.490   | -50.42      | -25         | Pass   |

Radiolink Testing (Shenzhen) Co., Ltd.

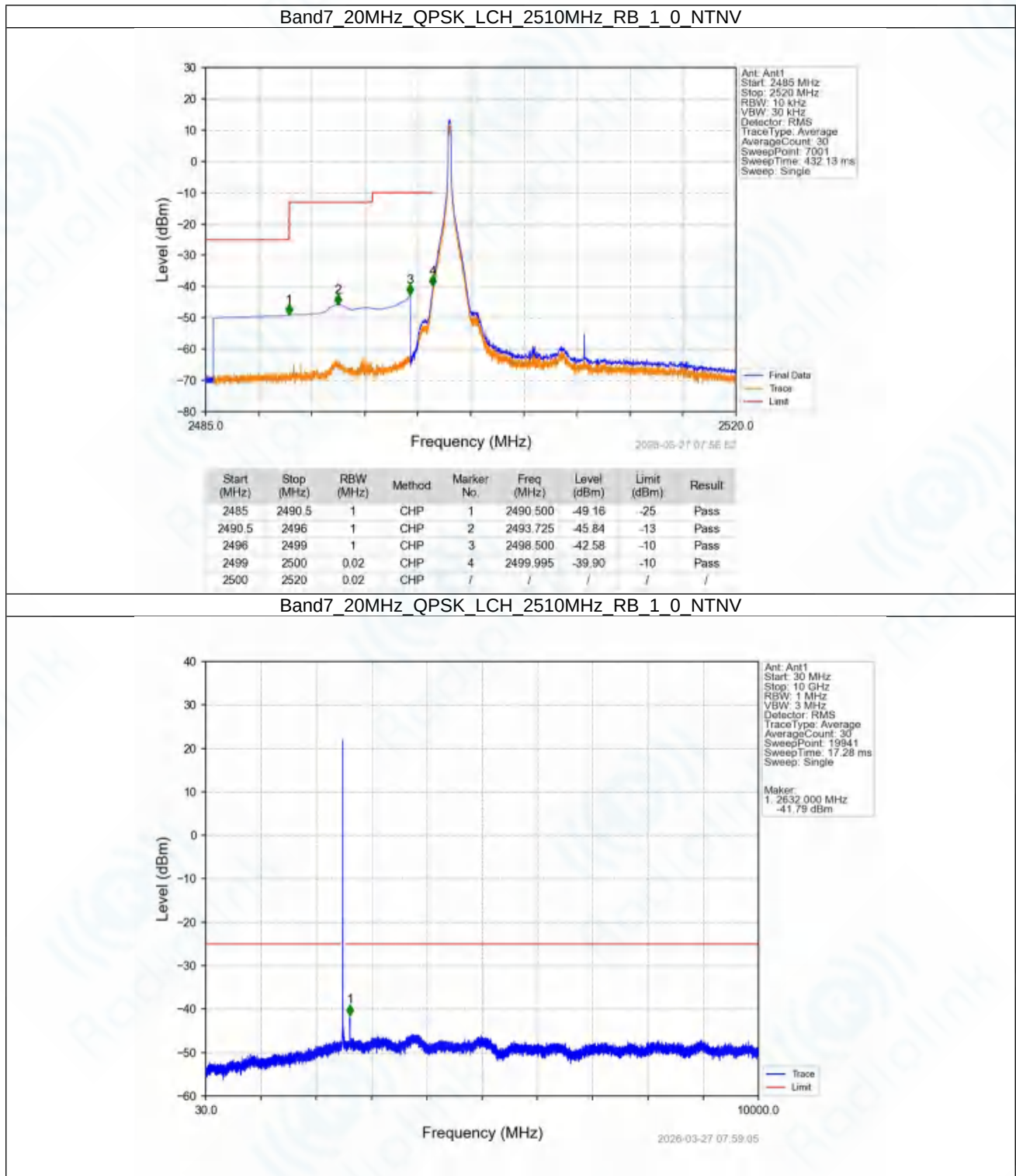
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

Band7\_15MHz\_64QAM\_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       | 0.321     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.321     | CHP    | 1          | 2570.015   | -33.35      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.520   | -35.14      | -10         | Pass   |
| 2575        | 2586.04    | 1         | CHP    | 3          | 2575.090   | -39.20      | -13         | Pass   |
| 2586.04     | 2590       | 1         | CHP    | 4          | 2589.405   | -44.27      | -25         | Pass   |

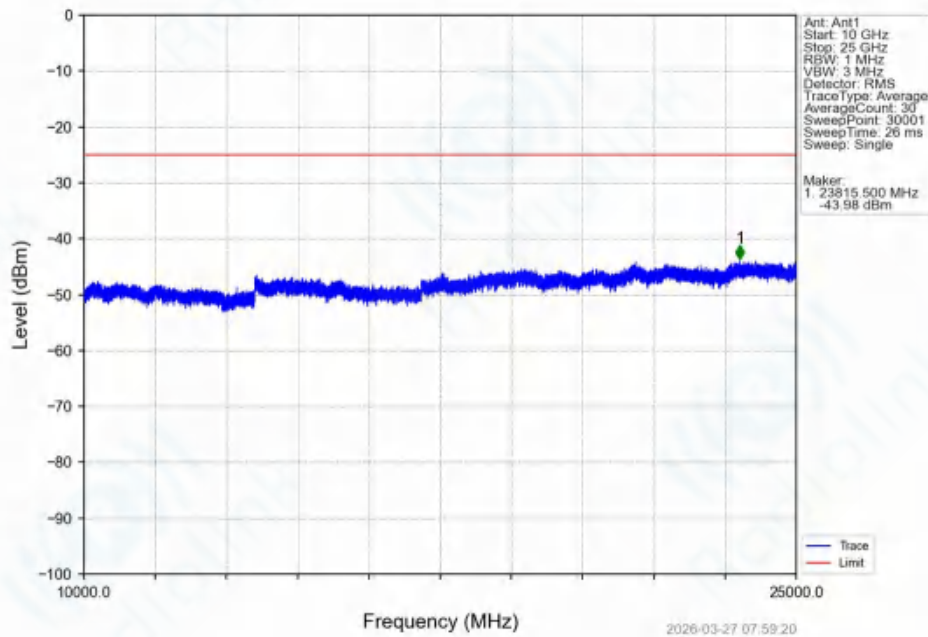
## 6.2.4 B7\_20MHz



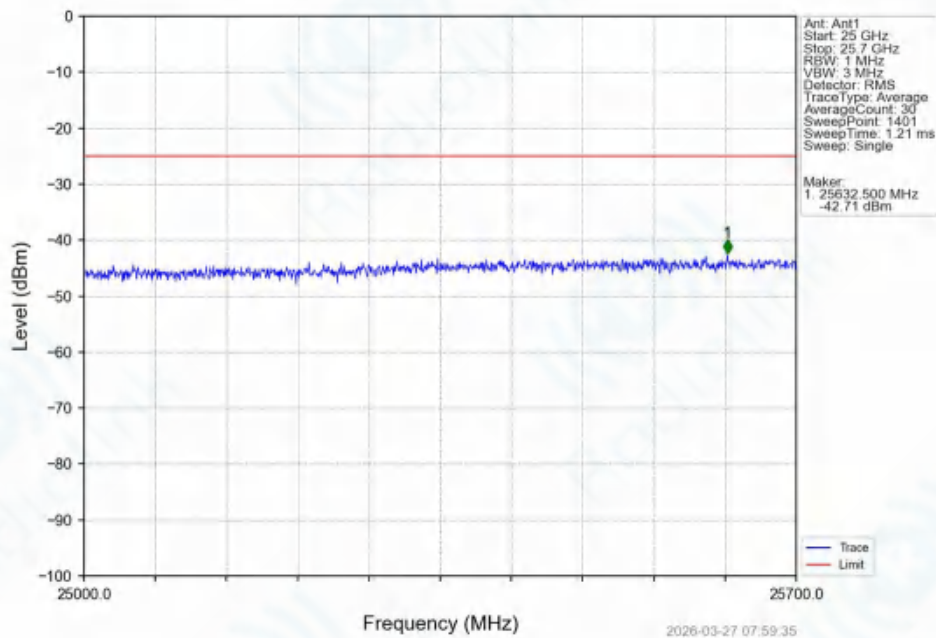
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Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV



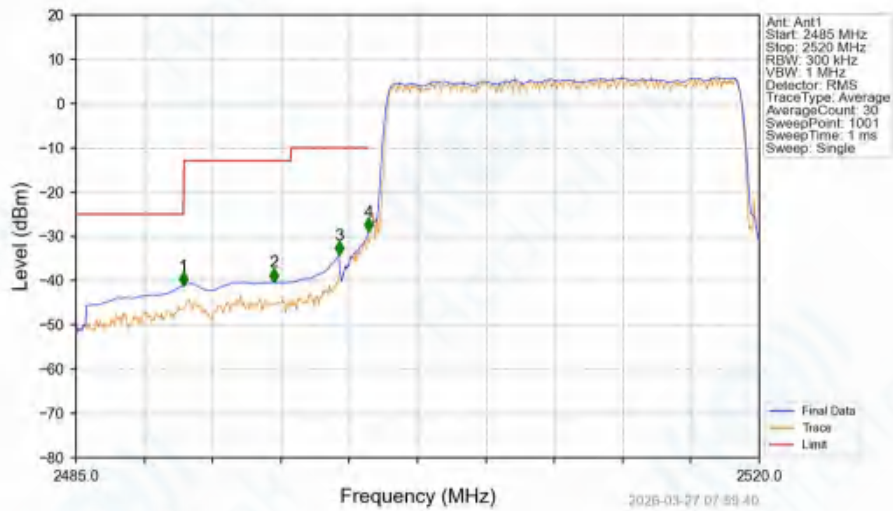
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV



Radiolink Testing (Shenzhen) Co., Ltd.

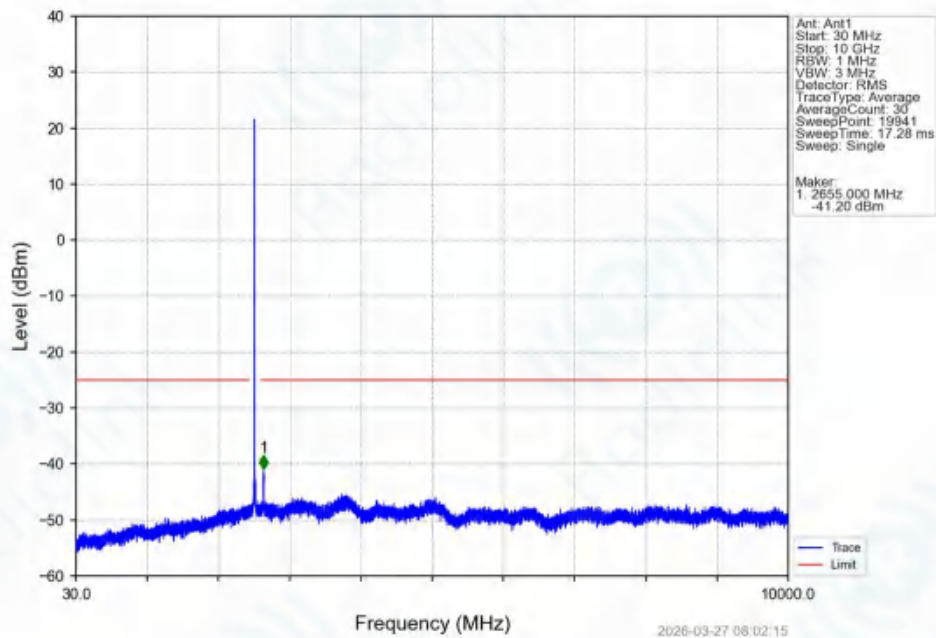
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

### 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   | -41.20      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.150   | -40.33      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.475   | -34.23      | -10         | Pass   |
| 2499        | 2500       | 0.413     | CHP    | 4          | 2499.980   | -28.97      | -10         | Pass   |
| 2500        | 2520       | 0.413     | CHP    | /          | /          | /           | /           | /      |

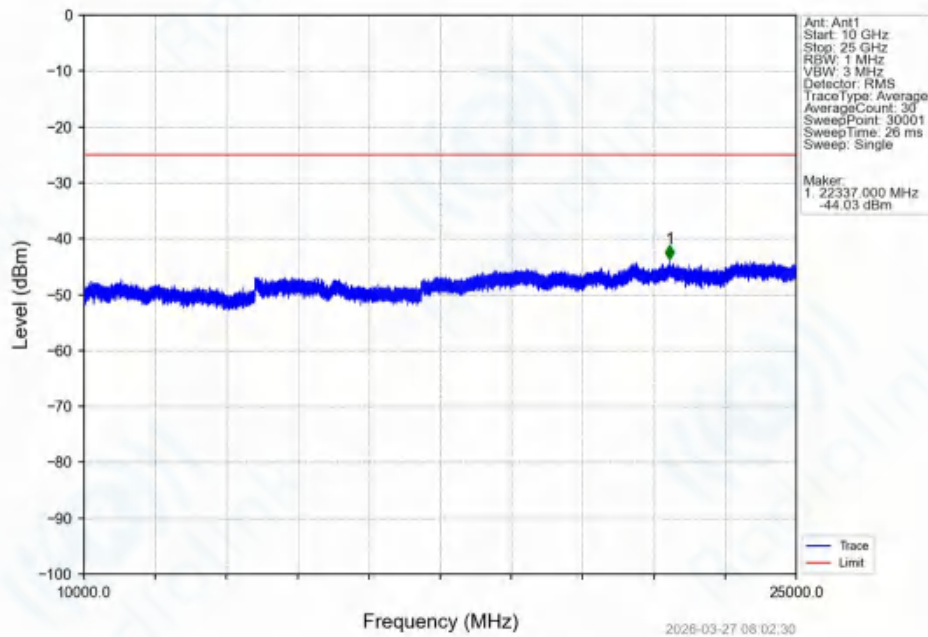
### Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



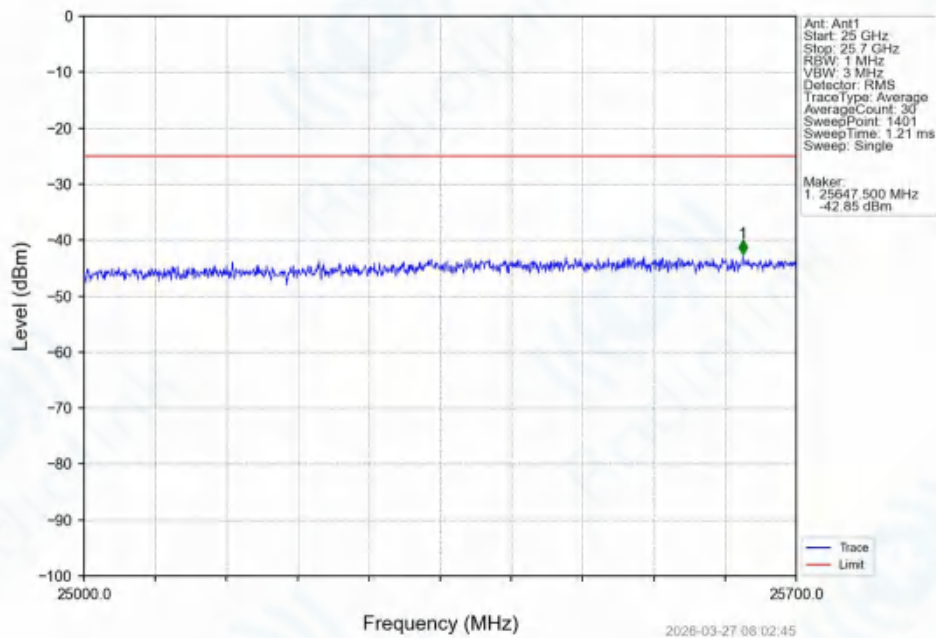
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Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



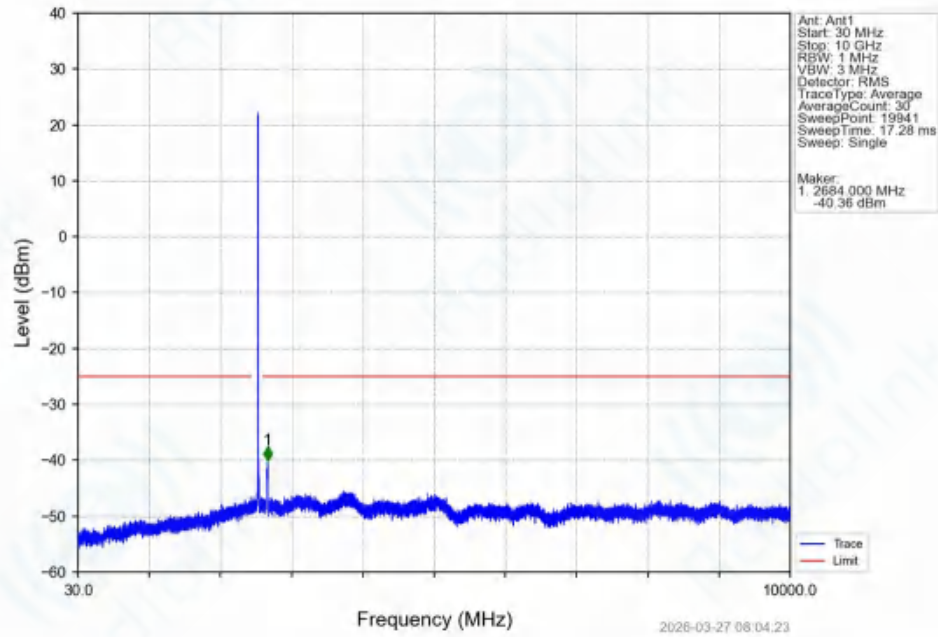
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



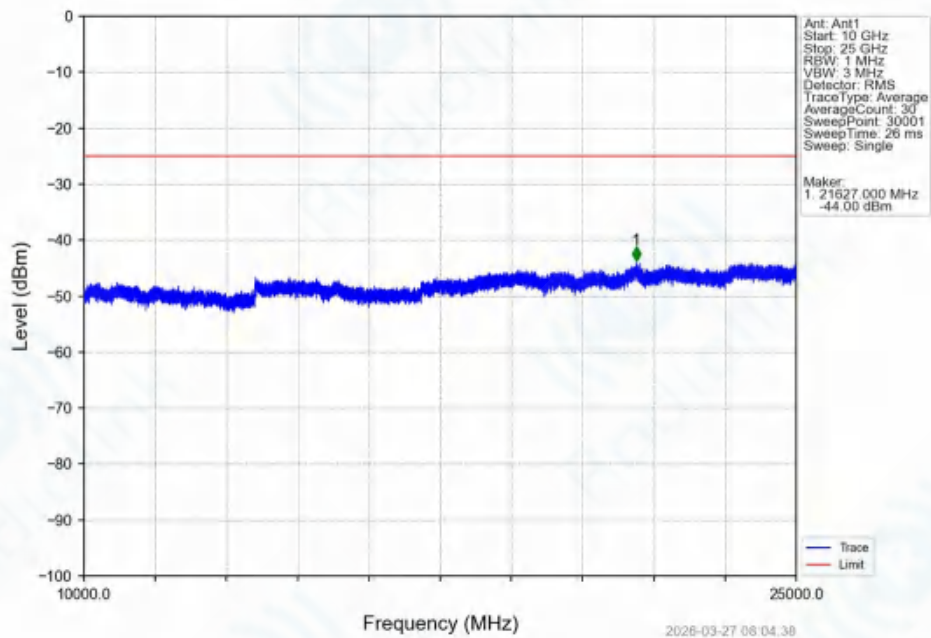
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Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



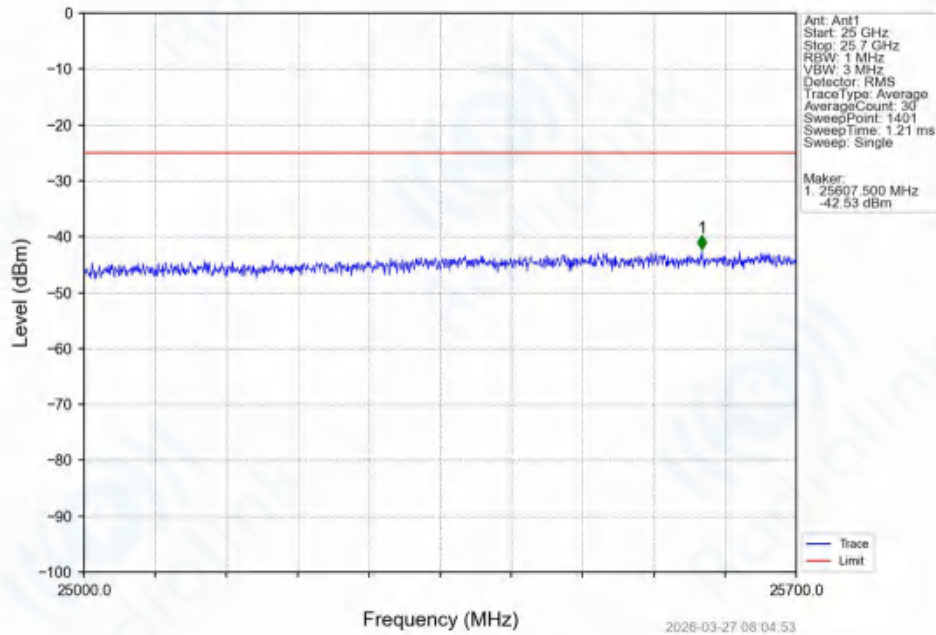
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



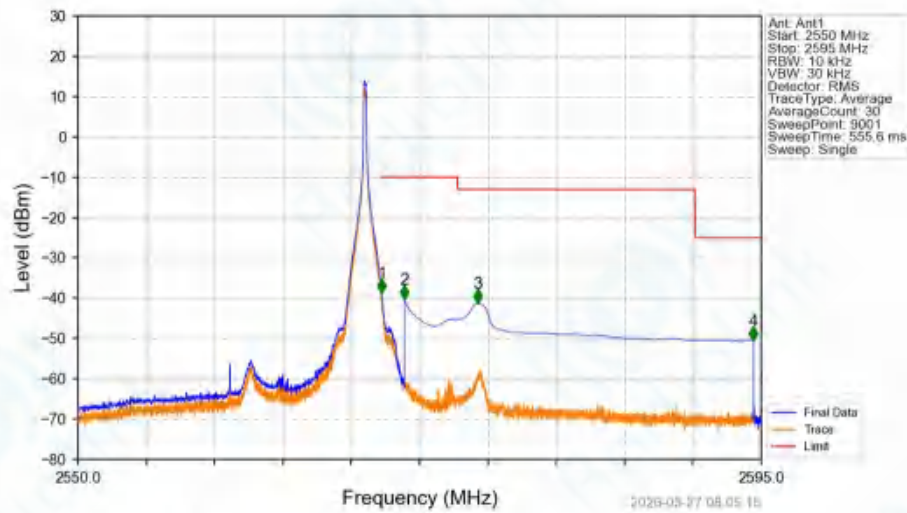
Radiolink Testing (Shenzhen) Co., Ltd.

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



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



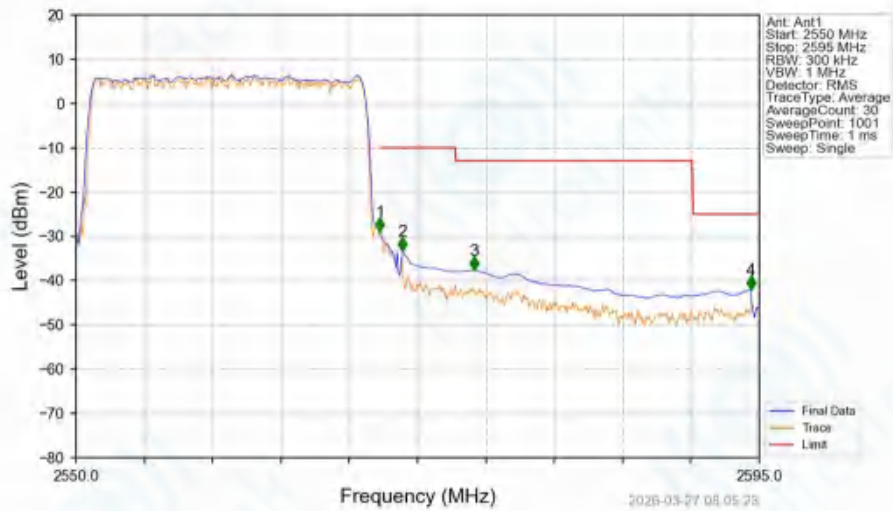
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | 1          | 2570.005   | -38.69      | -10         | Pass   |
| 2570        | 2571       | 0.02      | CHP    | 2          | 2571.500   | -40.29      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 3          | 2576.325   | -41.34      | -13         | Pass   |
| 2575        | 2590.626   | 1         | CHP    | 4          | 2594.490   | -50.40      | -25         | Pass   |

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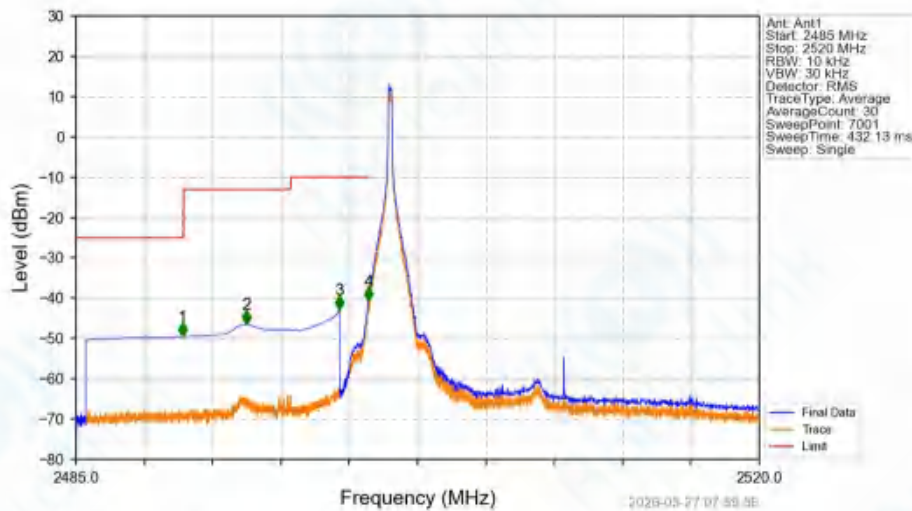
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### Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.413     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.413     | CHP    | 1          | 2570.025   | -29.02      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -33.24      | -10         | Pass   |
| 2575        | 2590.626   | 1         | CHP    | 3          | 2576.235   | -37.64      | -13         | Pass   |
| 2590.626    | 2595       | 1         | CHP    | 4          | 2594.460   | -42.00      | -25         | Pass   |

### Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV

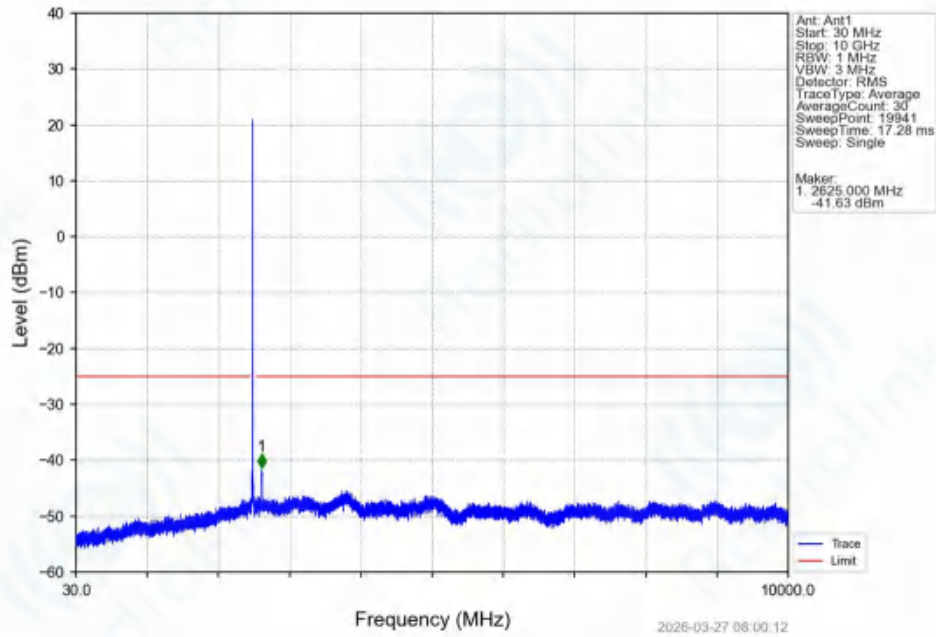


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.455   | -49.55      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.745   | -46.55      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -42.78      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -40.67      | -10         | Pass   |
| 2500        | 2520       | 0.02      | CHP    | /          | /          | /           | /           | /      |

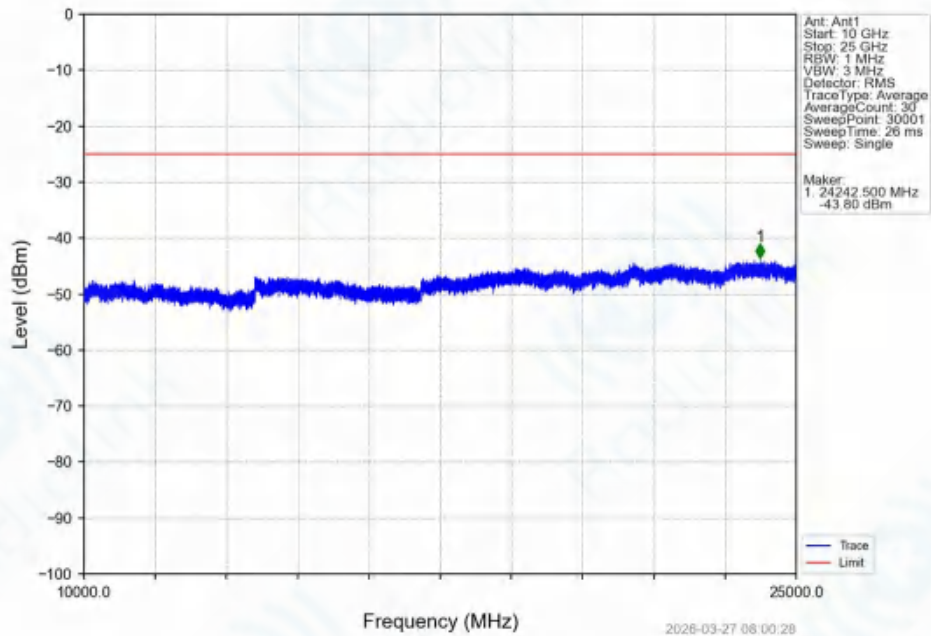
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Tel: +86 0755 23080694

Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV

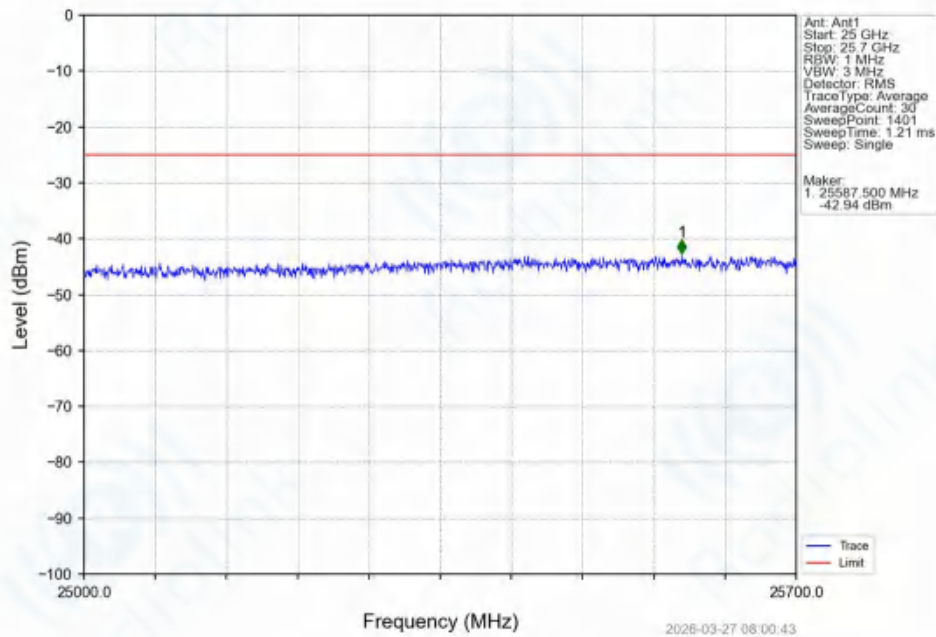


**Radiolink Testing (Shenzhen) Co., Ltd.**

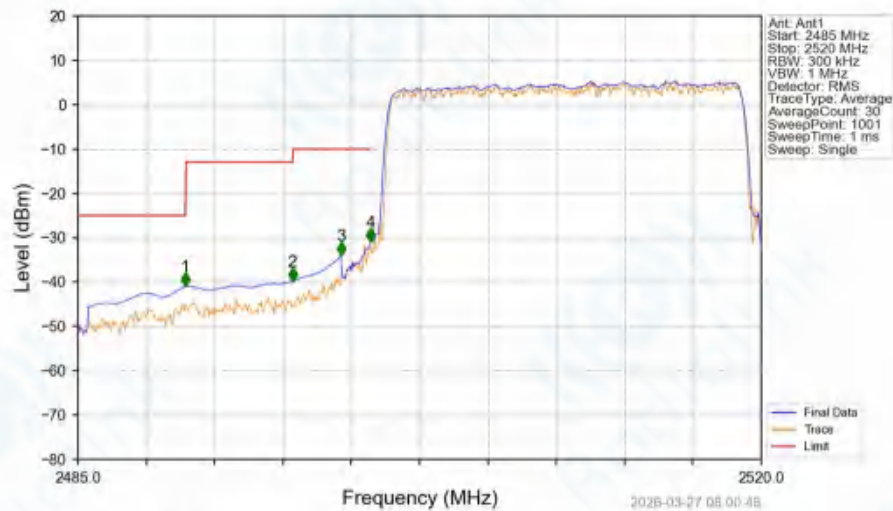
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## Band7 20MHz 16QAM LCH 2510MHz RB 1\_0 NTN



## Band7 20MHz 16QAM LCH 2510MHz RB 100\_0 NTN

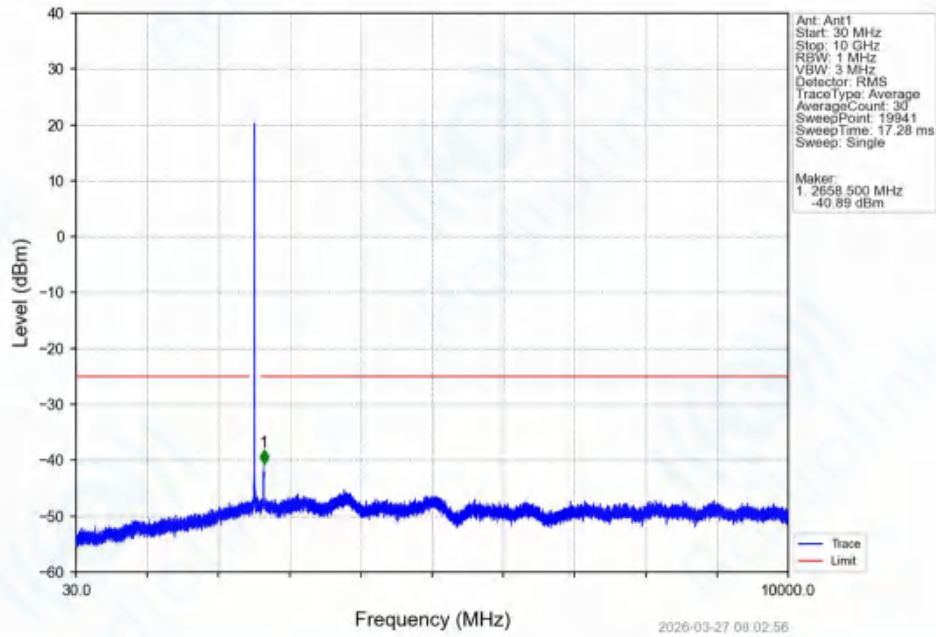


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.495   | -40.97      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.990   | -39.84      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.475   | -33.99      | -10         | Pass   |
| 2499        | 2500       | 0.416     | CHP    | 4          | 2499.980   | -30.91      | -10         | Pass   |
| 2500        | 2520       | 0.416     | CHP    | /          | /          | /           | /           | /      |

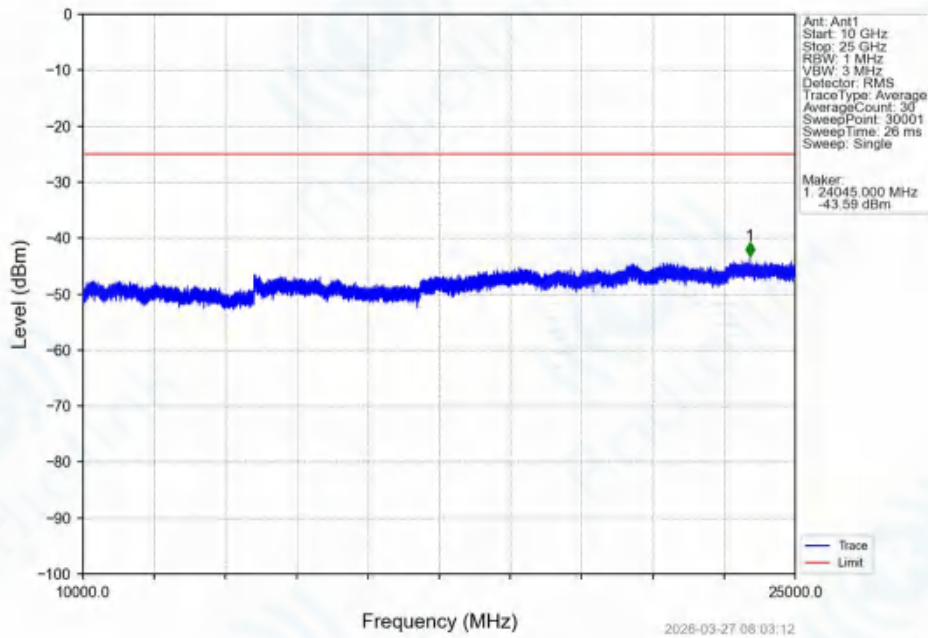
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Tel: +86 0755 23080694

Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



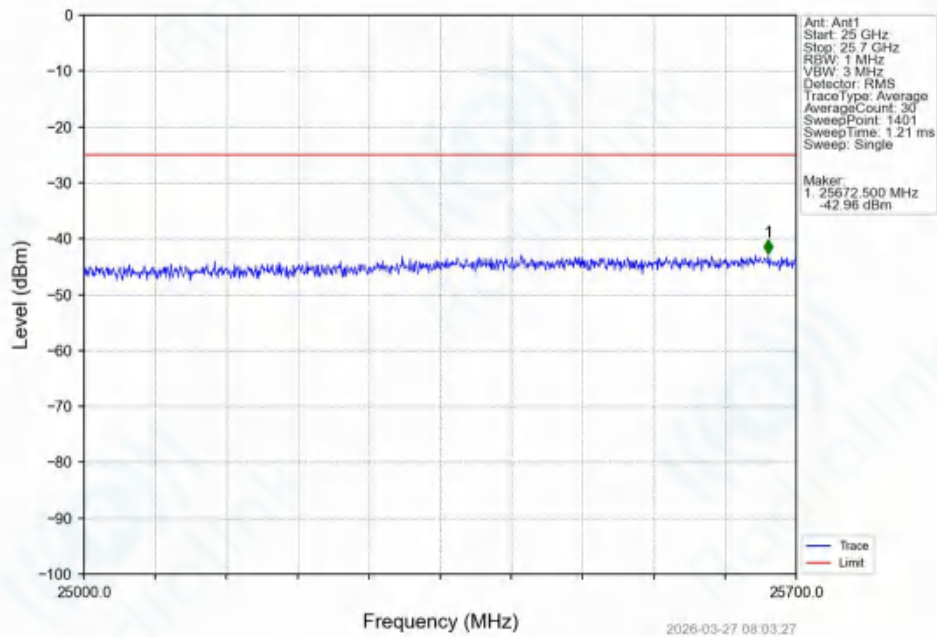
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV


**Radiolink Testing (Shenzhen) Co., Ltd.**

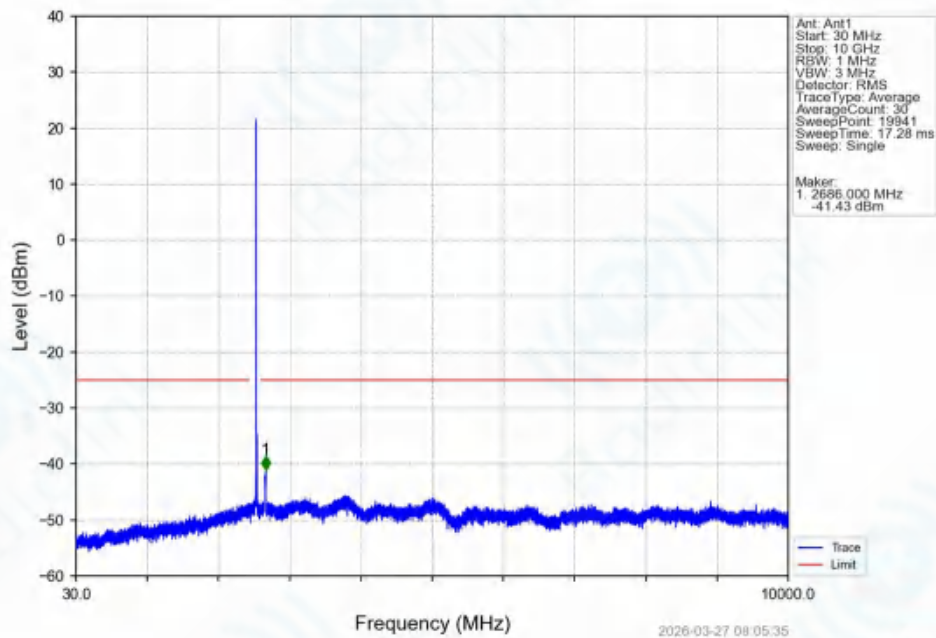
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
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Tel: +86 0755 23080694

Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



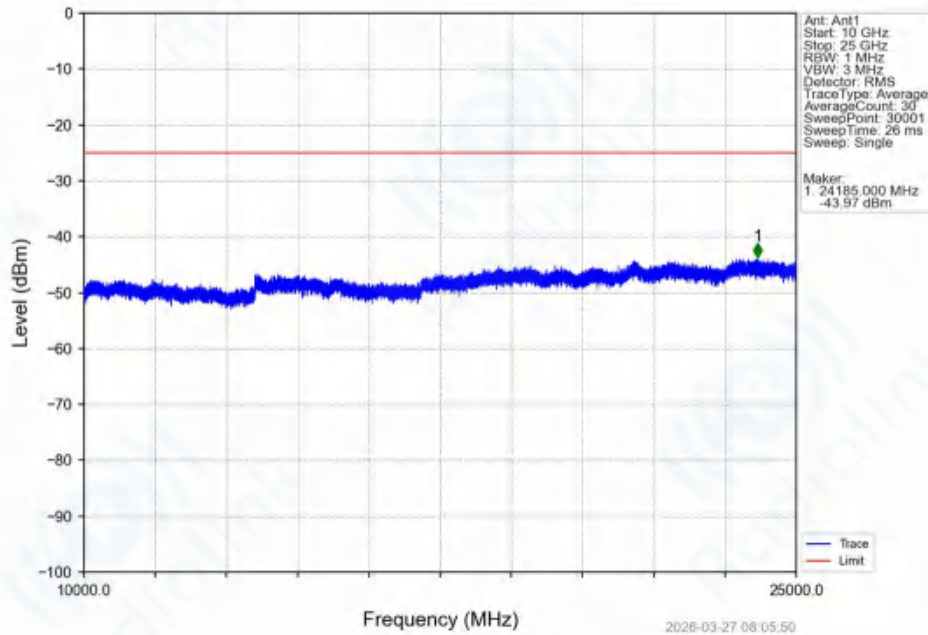
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



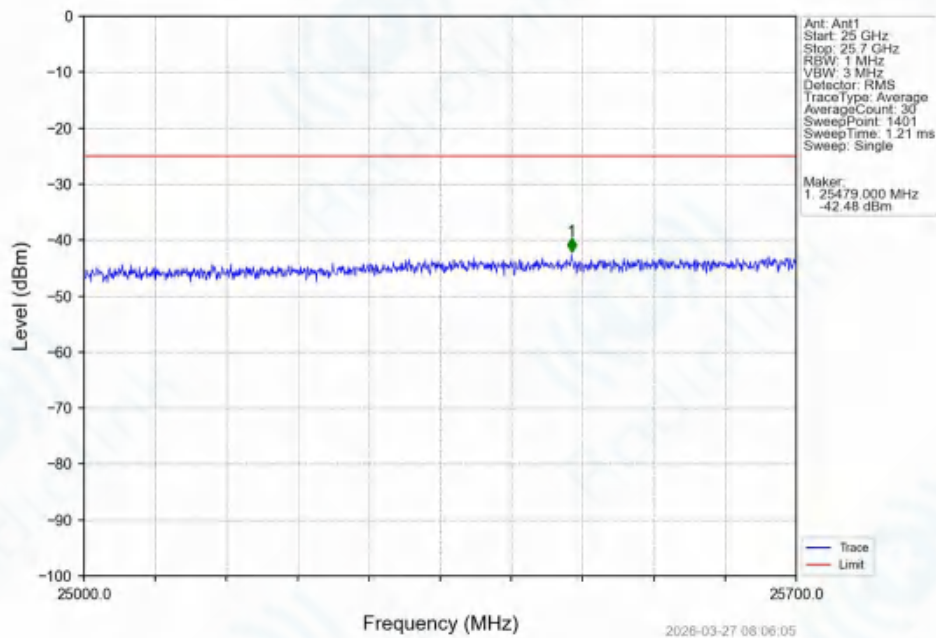
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Tel: +86 0755 23080694

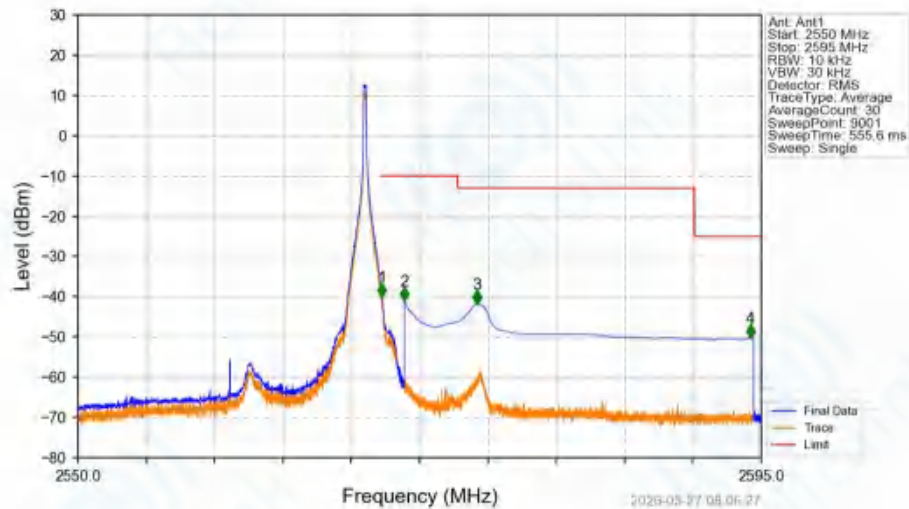
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



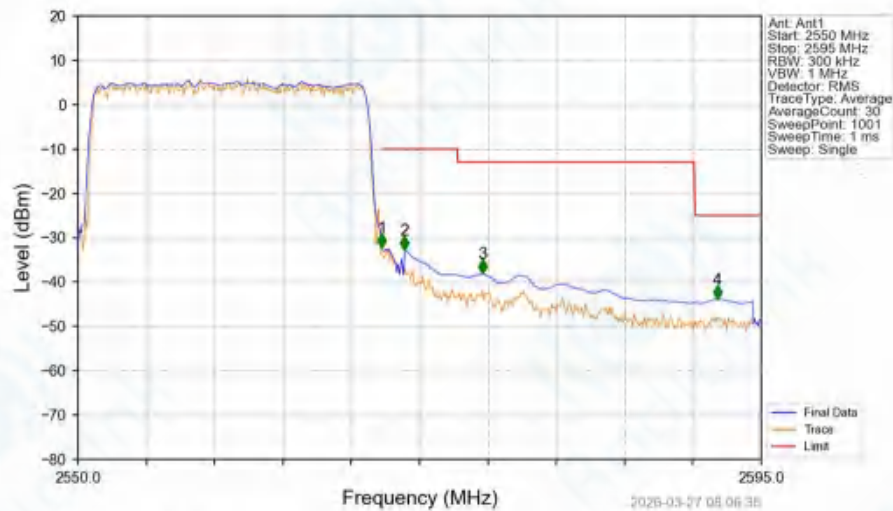
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



## Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_99\_NTNV



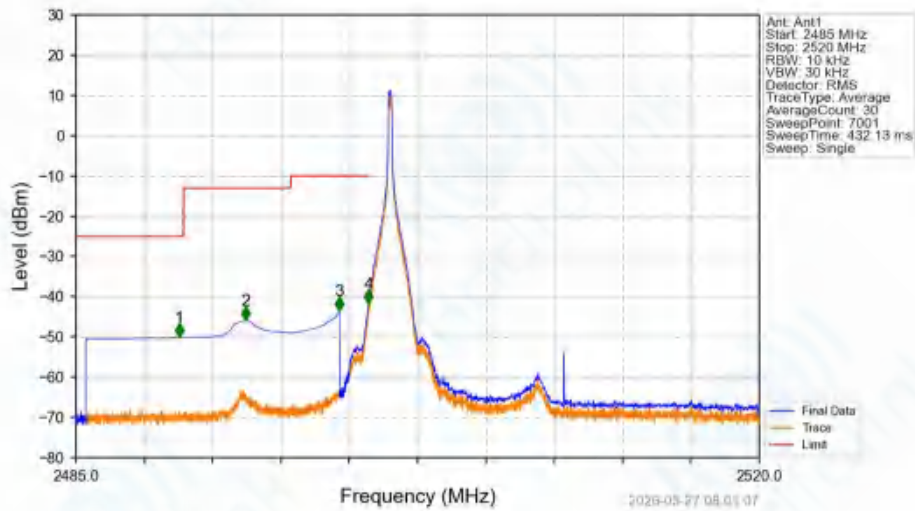
## Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



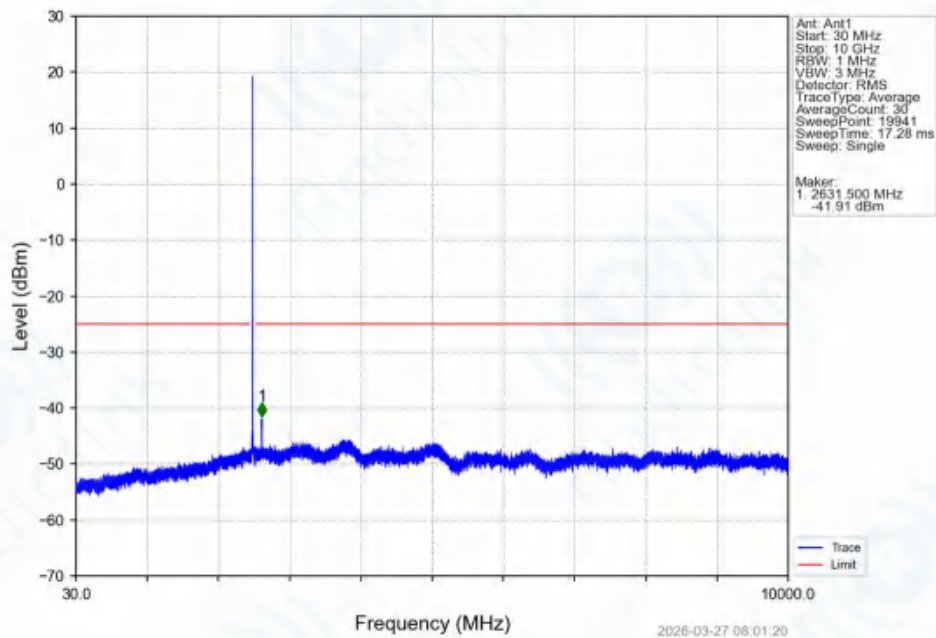
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## Band7 20MHz 64QAM LCH 2510MHz RB 1\_0 NTN



## Band7 20MHz 64QAM LCH 2510MHz RB 1\_0 NTN

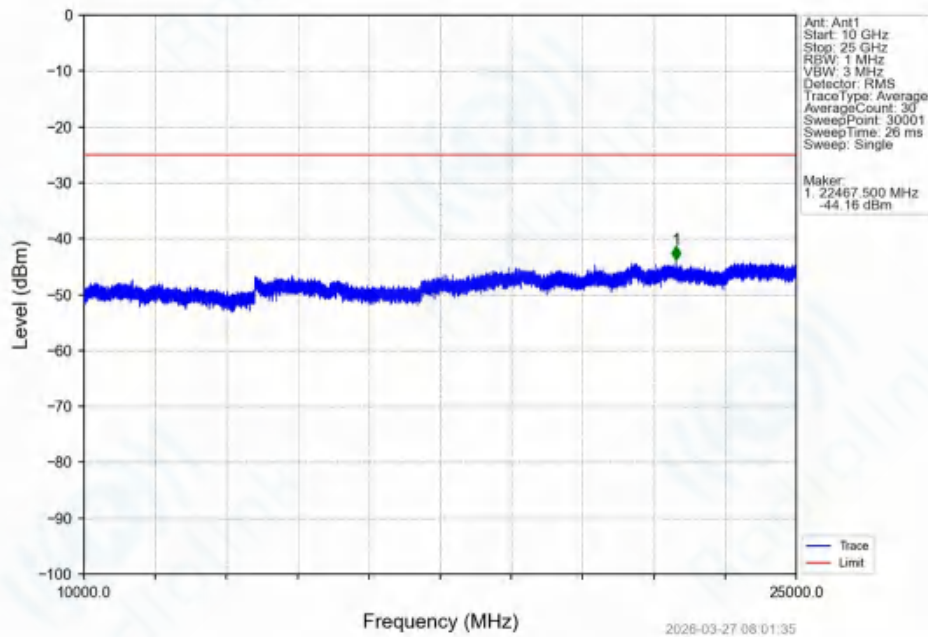


Radiolink Testing (Shenzhen) Co., Ltd.

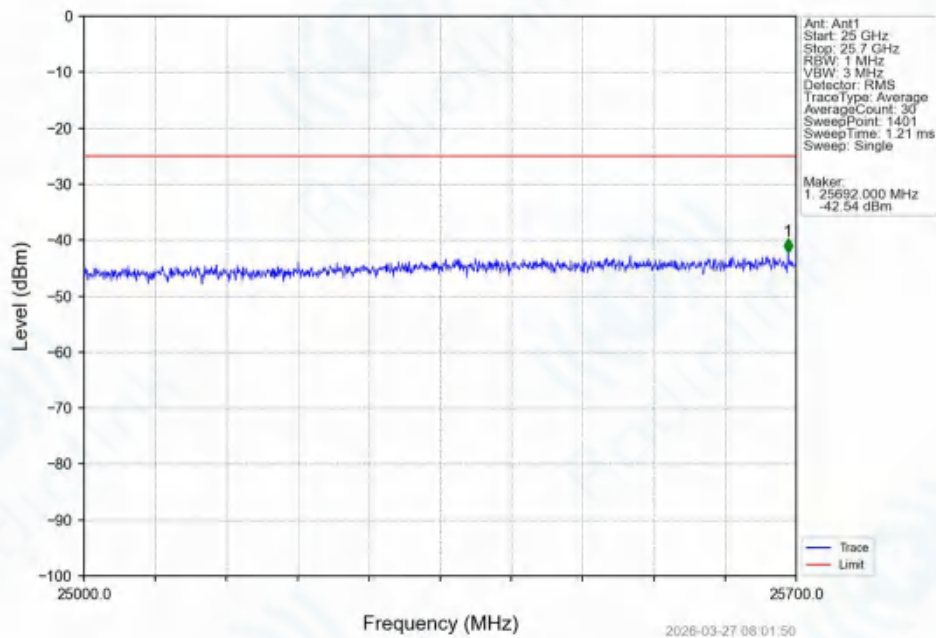
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

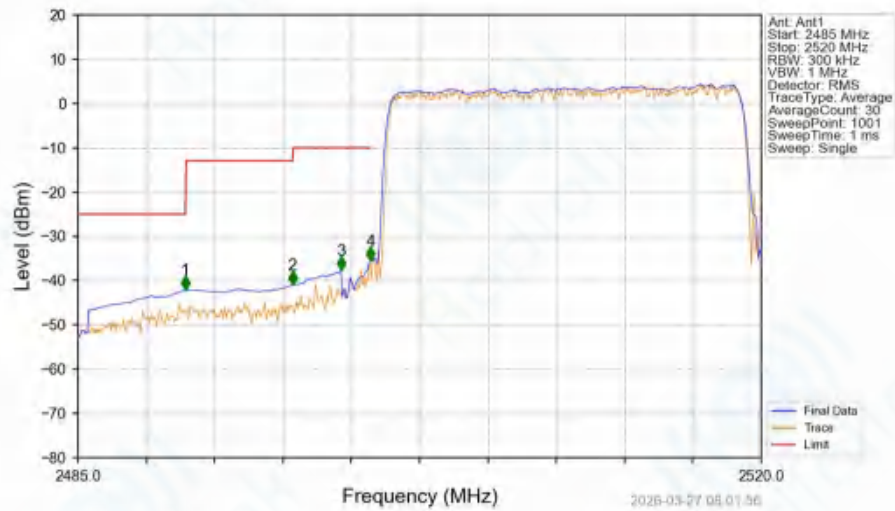
Band7\_20MHz\_64QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



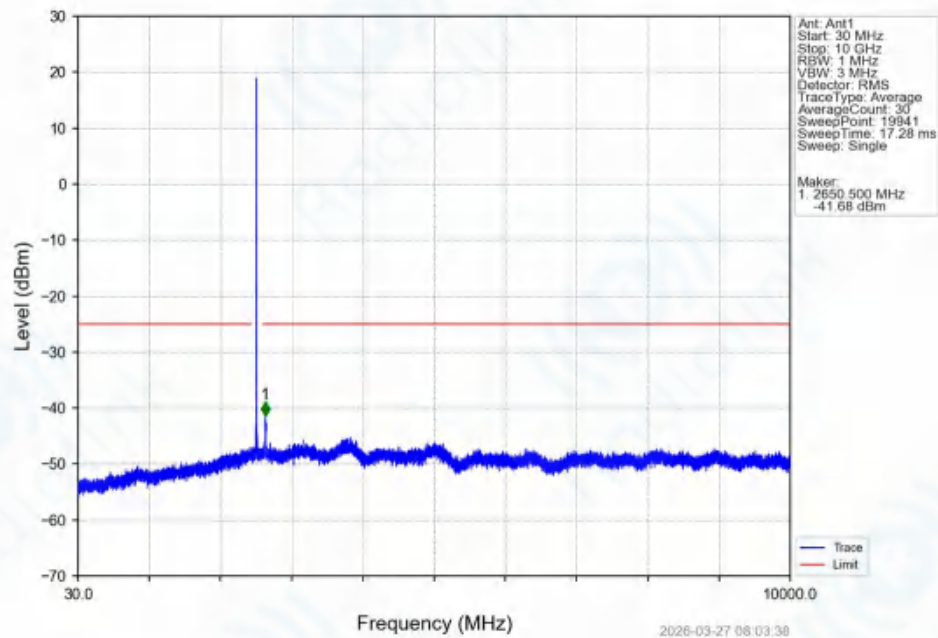
Band7\_20MHz\_64QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



## Band7\_20MHz\_64QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



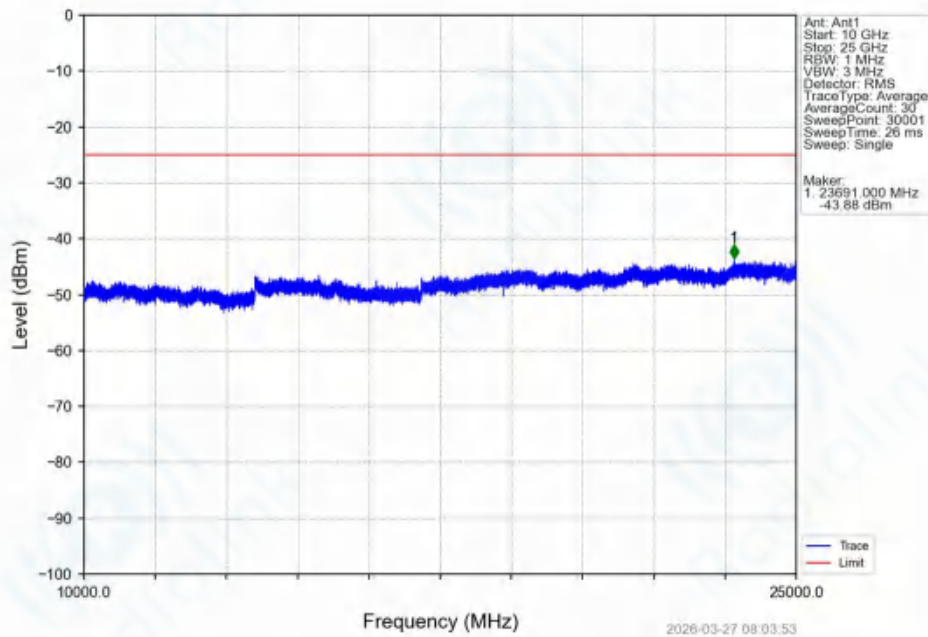
## Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



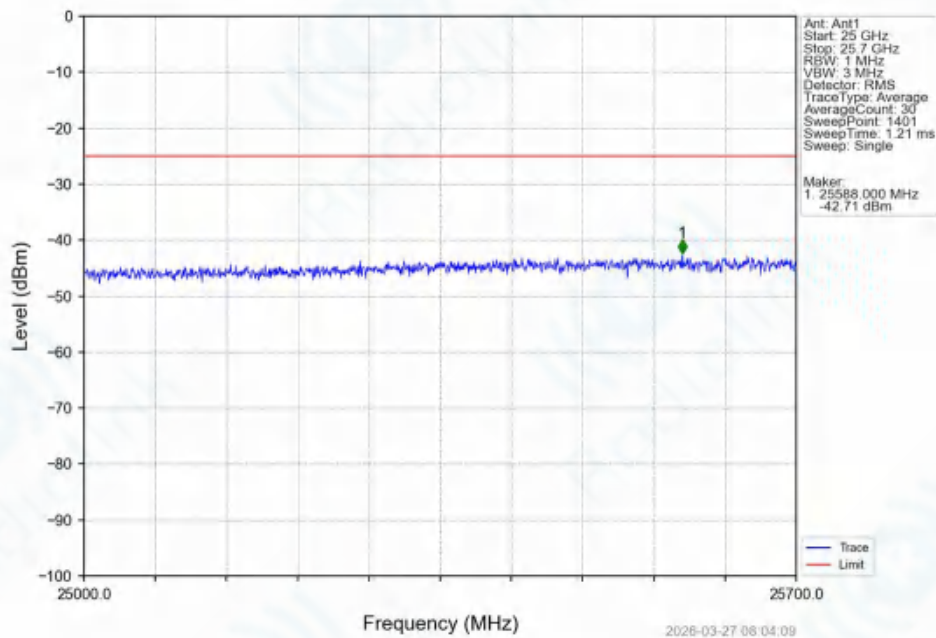
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Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



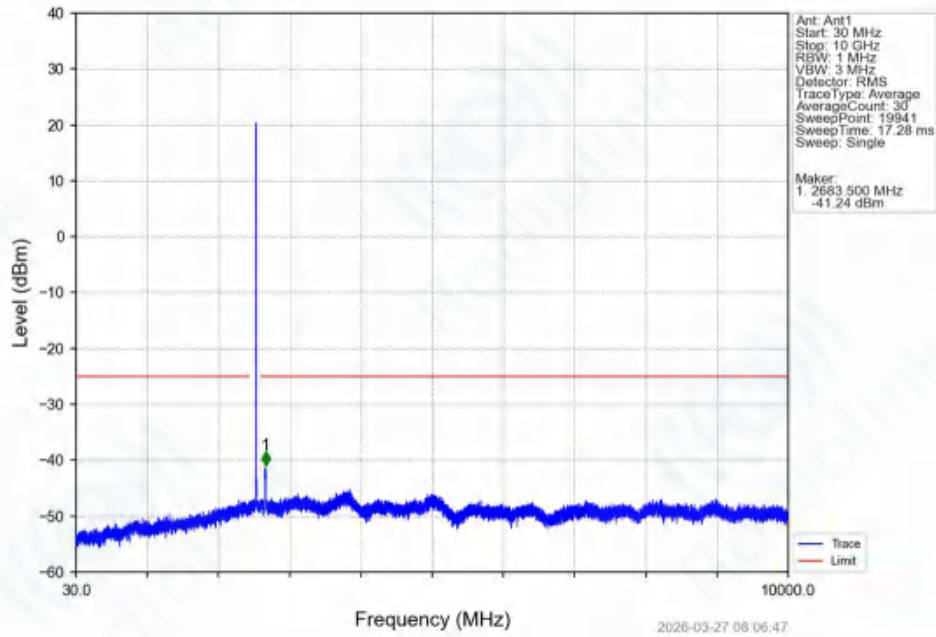
Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



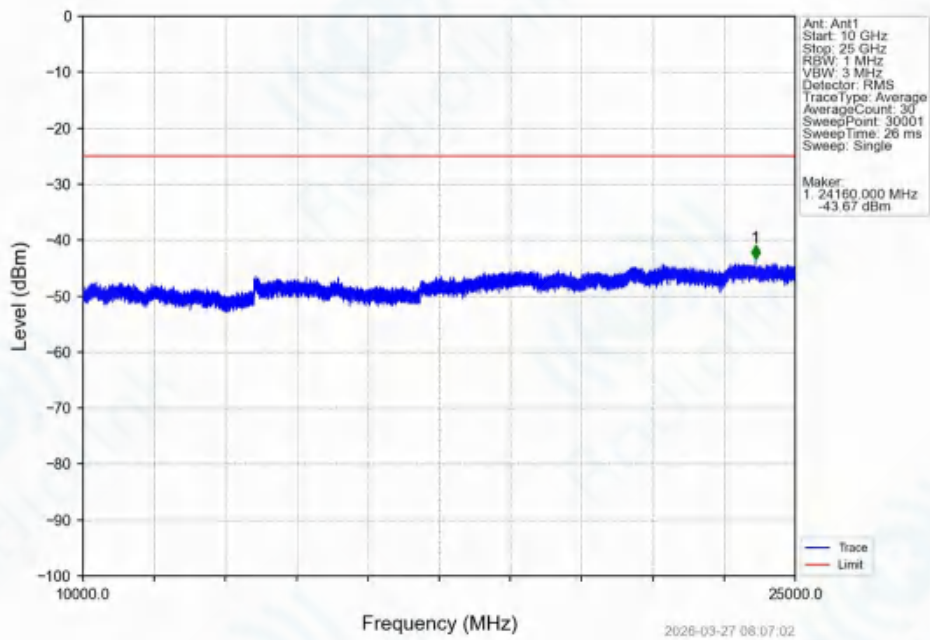
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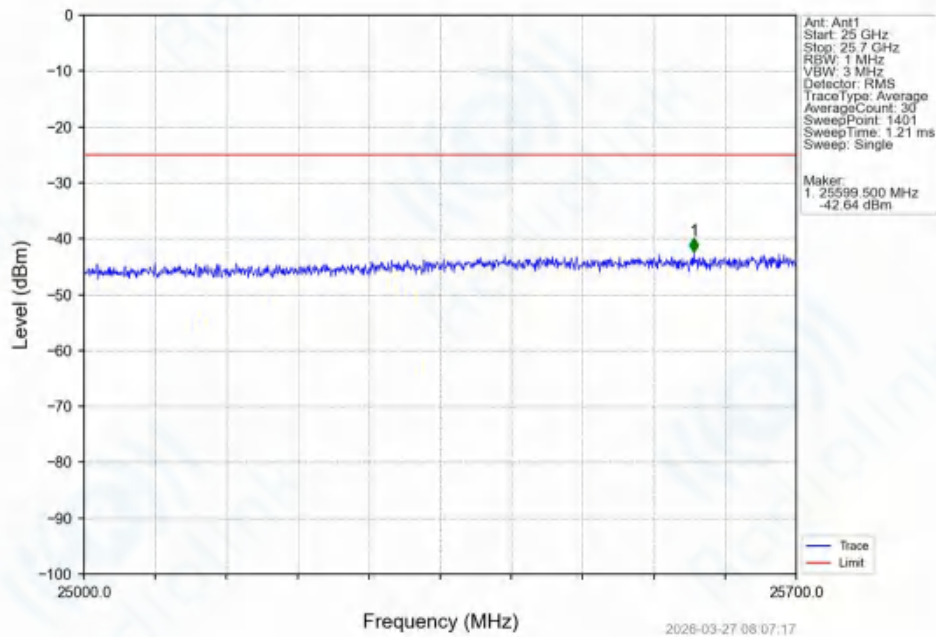
Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



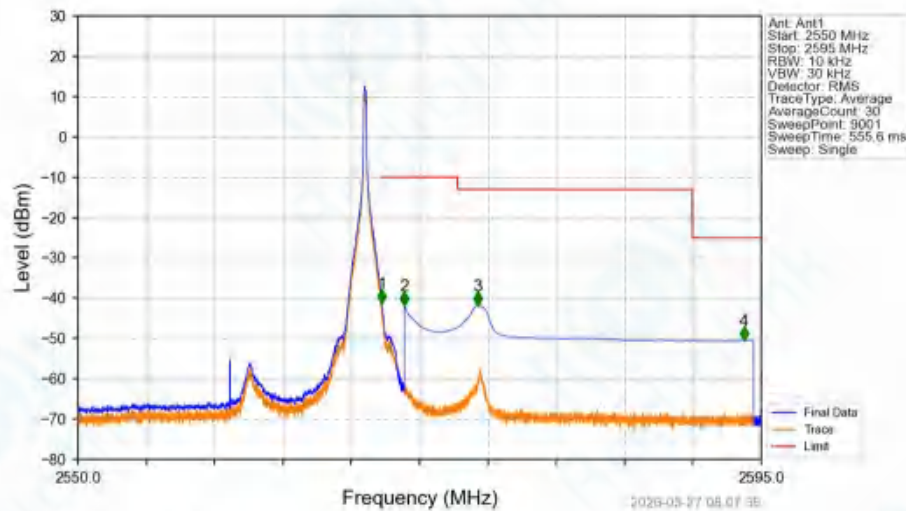
Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_1\_99\_NTNV

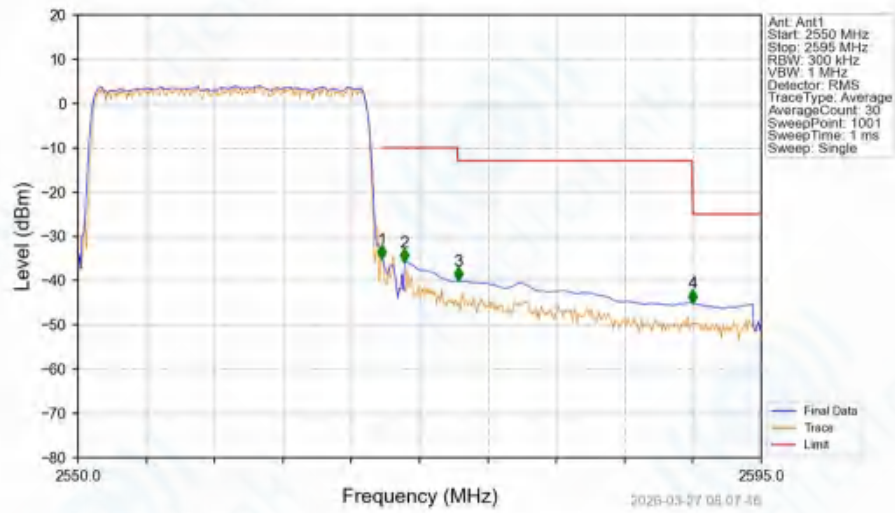


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.020   | -41.30      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -41.93      | -10         | Pass   |
| 2575        | 2590.473   | 1         | CHP    | 3          | 2576.335   | -41.83      | -13         | Pass   |
| 2590.473    | 2595       | 1         | CHP    | 4          | 2593.885   | -50.53      | -25         | Pass   |

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Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTN



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.409     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.409     | CHP    | 1          | 2570.025   | -35.16      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -35.80      | -10         | Pass   |
| 2575        | 2590.473   | 1         | CHP    | 3          | 2575.065   | -40.11      | -13         | Pass   |
| 2590.473    | 2595       | 1         | CHP    | 4          | 2590.500   | -45.06      | -25         | Pass   |

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## 7. Frequency Stability (IC)

### 7.1 Test Result

#### 7.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |            |               |                     |          |              |         |
|----------------------------------|-----------------|---------------|--------|------------|---------------|---------------------|----------|--------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | OBW (FL - FH) (MHz) |          | Limit        | Verdict |
|                                  |                 | Size          | Offset |            |               | FL                  | FH       |              |         |
| QPSK                             | 2502.5          | 25            | 0      | 20         | 3.27          | 2500.201            | 2504.804 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.210            | 2504.818 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.211            | 2504.797 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.218            | 2504.840 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.200            | 2504.803 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.206            | 2504.806 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.211            | 2504.808 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.202            | 2504.818 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2500.214            | 2504.806 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2500.198            | 2504.815 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2500.195            | 2504.807 | 2500 to 2510 | Pass    |
|                                  | 2535            | 25            | 0      | 20         | 3.27          | 2532.697            | 2537.322 | 2530 to 2540 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2532.701            | 2537.312 | 2530 to 2540 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2532.695            | 2537.296 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2532.711            | 2537.298 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2532.707            | 2537.325 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2532.704            | 2537.309 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2532.705            | 2537.299 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2532.691            | 2537.313 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2532.707            | 2537.292 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2532.699            | 2537.319 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2532.691            | 2537.293 | 2530 to 2540 | Pass    |
|                                  | 2567.5          | 25            | 0      | 20         | 3.27          | 2565.204            | 2569.808 | 2560 to 2570 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2565.199            | 2569.790 | 2560 to 2570 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2565.202            | 2569.807 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2565.214            | 2569.803 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2565.194            | 2569.798 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2565.194            | 2569.783 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2565.198            | 2569.796 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2565.205            | 2569.791 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2565.199            | 2569.810 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2565.200            | 2569.805 | 2560 to 2570 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2565.197            | 2569.803 | 2560 to 2570 | Pass    |
| 16QAM                            | 2502.5          | 25            | 0      | 20         | 3.27          | 2500.218            | 2504.798 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.217            | 2504.795 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.209            | 2504.807 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.219            | 2504.805 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.207            | 2504.811 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.216            | 2504.805 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.210            | 2504.798 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.208            | 2504.803 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2500.213            | 2504.813 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2500.204            | 2504.799 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2500.216            | 2504.791 | 2500 to 2510 | Pass    |
|                                  | 2535            | 25            | 0      | 20         | 3.27          | 2532.699            | 2537.303 | 2530 to 2540 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2532.702            | 2537.304 | 2530 to 2540 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2532.692            | 2537.307 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2532.698            | 2537.297 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2532.693            | 2537.309 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2532.698            | 2537.296 | 2530 to 2540 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2532.707            | 2537.293 | 2530 to 2540 | Pass    |

|       |        |    |   |     |      |          |          |              |      |
|-------|--------|----|---|-----|------|----------|----------|--------------|------|
| 64QAM | 2567.5 | 25 | 0 | 10  | 3.85 | 2532.690 | 2537.300 | 2530 to 2540 | Pass |
|       |        |    |   | 30  | 3.85 | 2532.713 | 2537.296 | 2530 to 2540 | Pass |
|       |        |    |   | 40  | 3.85 | 2532.708 | 2537.305 | 2530 to 2540 | Pass |
|       |        |    |   | 50  | 3.85 | 2532.705 | 2537.304 | 2530 to 2540 | Pass |
|       |        |    |   | 20  | 3.27 | 2565.204 | 2569.793 | 2560 to 2570 | Pass |
|       |        |    |   |     | 3.85 | 2565.206 | 2569.795 | 2560 to 2570 | Pass |
|       |        |    |   |     | 4.43 | 2565.194 | 2569.801 | 2560 to 2570 | Pass |
|       |        |    |   | -30 | 3.85 | 2565.197 | 2569.800 | 2560 to 2570 | Pass |
|       |        |    |   | -20 | 3.85 | 2565.198 | 2569.791 | 2560 to 2570 | Pass |
|       |        |    |   | -10 | 3.85 | 2565.192 | 2569.792 | 2560 to 2570 | Pass |
|       |        |    |   | 0   | 3.85 | 2565.194 | 2569.797 | 2560 to 2570 | Pass |
|       |        |    |   | 10  | 3.85 | 2565.207 | 2569.794 | 2560 to 2570 | Pass |
|       |        |    |   | 30  | 3.85 | 2565.212 | 2569.790 | 2560 to 2570 | Pass |
|       |        |    |   | 40  | 3.85 | 2565.209 | 2569.809 | 2560 to 2570 | Pass |
|       |        |    |   | 50  | 3.85 | 2565.191 | 2569.796 | 2560 to 2570 | Pass |
|       | 2502.5 | 25 | 0 | 20  | 3.27 | 2500.214 | 2504.798 | 2500 to 2510 | Pass |
|       |        |    |   |     | 3.85 | 2500.213 | 2504.811 | 2500 to 2510 | Pass |
|       |        |    |   |     | 4.43 | 2500.222 | 2504.798 | 2500 to 2510 | Pass |
|       |        |    |   | -30 | 3.85 | 2500.212 | 2504.797 | 2500 to 2510 | Pass |
|       |        |    |   | -20 | 3.85 | 2500.201 | 2504.812 | 2500 to 2510 | Pass |
|       |        |    |   | -10 | 3.85 | 2500.201 | 2504.812 | 2500 to 2510 | Pass |
|       |        |    |   | 0   | 3.85 | 2500.202 | 2504.807 | 2500 to 2510 | Pass |
|       |        |    |   | 10  | 3.85 | 2500.211 | 2504.795 | 2500 to 2510 | Pass |
|       |        |    |   | 30  | 3.85 | 2500.213 | 2504.815 | 2500 to 2510 | Pass |
|       |        |    |   | 40  | 3.85 | 2500.200 | 2504.800 | 2500 to 2510 | Pass |
|       |        |    |   | 50  | 3.85 | 2500.208 | 2504.803 | 2500 to 2510 | Pass |
|       | 2535   | 25 | 0 | 20  | 3.27 | 2532.692 | 2537.305 | 2530 to 2540 | Pass |
|       |        |    |   |     | 3.85 | 2532.708 | 2537.304 | 2530 to 2540 | Pass |
|       |        |    |   |     | 4.43 | 2532.704 | 2537.303 | 2530 to 2540 | Pass |
|       |        |    |   | -30 | 3.85 | 2532.701 | 2537.304 | 2530 to 2540 | Pass |
|       |        |    |   | -20 | 3.85 | 2532.692 | 2537.297 | 2530 to 2540 | Pass |
|       |        |    |   | -10 | 3.85 | 2532.698 | 2537.298 | 2530 to 2540 | Pass |
|       |        |    |   | 0   | 3.85 | 2532.701 | 2537.292 | 2530 to 2540 | Pass |
|       |        |    |   | 10  | 3.85 | 2532.706 | 2537.299 | 2530 to 2540 | Pass |
|       |        |    |   | 30  | 3.85 | 2532.706 | 2537.306 | 2530 to 2540 | Pass |
|       |        |    |   | 40  | 3.85 | 2532.693 | 2537.307 | 2530 to 2540 | Pass |
|       |        |    |   | 50  | 3.85 | 2532.698 | 2537.309 | 2530 to 2540 | Pass |
|       | 2567.5 | 25 | 0 | 20  | 3.27 | 2565.191 | 2569.798 | 2560 to 2570 | Pass |
|       |        |    |   |     | 3.85 | 2565.200 | 2569.793 | 2560 to 2570 | Pass |
|       |        |    |   |     | 4.43 | 2565.182 | 2569.796 | 2560 to 2570 | Pass |
|       |        |    |   | -30 | 3.85 | 2565.203 | 2569.794 | 2560 to 2570 | Pass |
|       |        |    |   | -20 | 3.85 | 2565.200 | 2569.796 | 2560 to 2570 | Pass |
|       |        |    |   | -10 | 3.85 | 2565.199 | 2569.810 | 2560 to 2570 | Pass |
|       |        |    |   | 0   | 3.85 | 2565.208 | 2569.794 | 2560 to 2570 | Pass |
|       |        |    |   | 10  | 3.85 | 2565.201 | 2569.811 | 2560 to 2570 | Pass |
|       |        |    |   | 30  | 3.85 | 2565.200 | 2569.789 | 2560 to 2570 | Pass |
|       |        |    |   | 40  | 3.85 | 2565.194 | 2569.798 | 2560 to 2570 | Pass |
|       |        |    |   | 50  | 3.85 | 2565.208 | 2569.796 | 2560 to 2570 | Pass |

## 7.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTV |                 |               |        |            |               |                     |          |              |         |
|----------------------------------|-----------------|---------------|--------|------------|---------------|---------------------|----------|--------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | OBW (FL - FH) (MHz) |          | Limit        | Verdict |
|                                  |                 | Size          | Offset |            |               | FL                  | FH       |              |         |
| QPSK                             | 2505            | 50            | 0      | 20         | 3.27          | 2500.491            | 2509.556 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.490            | 2509.569 | 2500 to 2510 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.481            | 2509.567 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.476            | 2509.556 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.501            | 2509.559 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.482            | 2509.554 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.482            | 2509.550 | 2500 to 2510 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.496            | 2509.551 | 2500 to 2510 | Pass    |

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|       |      |    |   |     |      |          |          |              |      |
|-------|------|----|---|-----|------|----------|----------|--------------|------|
|       |      |    |   | 30  | 3.85 | 2500.481 | 2509.551 | 2500 to 2510 | Pass |
|       |      |    |   | 40  | 3.85 | 2500.492 | 2509.570 | 2500 to 2510 | Pass |
|       |      |    |   | 50  | 3.85 | 2500.497 | 2509.560 | 2500 to 2510 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | 2530.481 | 2539.548 | 2530 to 2540 | Pass |
|       |      |    |   |     | 3.85 | 2530.478 | 2539.532 | 2530 to 2540 | Pass |
|       |      |    |   |     | 4.43 | 2530.481 | 2539.548 | 2530 to 2540 | Pass |
|       |      |    |   | -30 | 3.85 | 2530.480 | 2539.534 | 2530 to 2540 | Pass |
|       |      |    |   | -20 | 3.85 | 2530.487 | 2539.537 | 2530 to 2540 | Pass |
|       |      |    |   | -10 | 3.85 | 2530.481 | 2539.533 | 2530 to 2540 | Pass |
|       |      |    |   | 0   | 3.85 | 2530.499 | 2539.532 | 2530 to 2540 | Pass |
|       |      |    |   | 10  | 3.85 | 2530.486 | 2539.553 | 2530 to 2540 | Pass |
|       |      |    |   | 30  | 3.85 | 2530.501 | 2539.527 | 2530 to 2540 | Pass |
|       |      |    |   | 40  | 3.85 | 2530.475 | 2539.520 | 2530 to 2540 | Pass |
|       |      |    |   | 50  | 3.85 | 2530.484 | 2539.571 | 2530 to 2540 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | 2560.466 | 2569.527 | 2560 to 2570 | Pass |
|       |      |    |   |     | 3.85 | 2560.489 | 2569.538 | 2560 to 2570 | Pass |
|       |      |    |   |     | 4.43 | 2560.480 | 2569.533 | 2560 to 2570 | Pass |
|       |      |    |   | -30 | 3.85 | 2560.482 | 2569.526 | 2560 to 2570 | Pass |
|       |      |    |   | -20 | 3.85 | 2560.479 | 2569.520 | 2560 to 2570 | Pass |
|       |      |    |   | -10 | 3.85 | 2560.480 | 2569.533 | 2560 to 2570 | Pass |
|       |      |    |   | 0   | 3.85 | 2560.463 | 2569.530 | 2560 to 2570 | Pass |
|       |      |    |   | 10  | 3.85 | 2560.474 | 2569.556 | 2560 to 2570 | Pass |
|       |      |    |   | 30  | 3.85 | 2560.475 | 2569.544 | 2560 to 2570 | Pass |
|       |      |    |   | 40  | 3.85 | 2560.488 | 2569.522 | 2560 to 2570 | Pass |
|       |      |    |   | 50  | 3.85 | 2560.486 | 2569.536 | 2560 to 2570 | Pass |
| 16QAM | 2505 | 50 | 0 | 20  | 3.27 | 2500.475 | 2509.548 | 2500 to 2510 | Pass |
|       |      |    |   |     | 3.85 | 2500.483 | 2509.555 | 2500 to 2510 | Pass |
|       |      |    |   |     | 4.43 | 2500.483 | 2509.570 | 2500 to 2510 | Pass |
|       |      |    |   | -30 | 3.85 | 2500.487 | 2509.553 | 2500 to 2510 | Pass |
|       |      |    |   | -20 | 3.85 | 2500.483 | 2509.594 | 2500 to 2510 | Pass |
|       |      |    |   | -10 | 3.85 | 2500.481 | 2509.566 | 2500 to 2510 | Pass |
|       |      |    |   | 0   | 3.85 | 2500.494 | 2509.545 | 2500 to 2510 | Pass |
|       |      |    |   | 10  | 3.85 | 2500.487 | 2509.560 | 2500 to 2510 | Pass |
|       |      |    |   | 30  | 3.85 | 2500.482 | 2509.555 | 2500 to 2510 | Pass |
|       |      |    |   | 40  | 3.85 | 2500.514 | 2509.558 | 2500 to 2510 | Pass |
|       |      |    |   | 50  | 3.85 | 2500.480 | 2509.536 | 2500 to 2510 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | 2530.470 | 2539.525 | 2530 to 2540 | Pass |
|       |      |    |   |     | 3.85 | 2530.454 | 2539.561 | 2530 to 2540 | Pass |
|       |      |    |   |     | 4.43 | 2530.479 | 2539.529 | 2530 to 2540 | Pass |
|       |      |    |   | -30 | 3.85 | 2530.472 | 2539.553 | 2530 to 2540 | Pass |
|       |      |    |   | -20 | 3.85 | 2530.494 | 2539.548 | 2530 to 2540 | Pass |
|       |      |    |   | -10 | 3.85 | 2530.456 | 2539.541 | 2530 to 2540 | Pass |
|       |      |    |   | 0   | 3.85 | 2530.479 | 2539.541 | 2530 to 2540 | Pass |
|       |      |    |   | 10  | 3.85 | 2530.464 | 2539.535 | 2530 to 2540 | Pass |
|       |      |    |   | 30  | 3.85 | 2530.466 | 2539.550 | 2530 to 2540 | Pass |
|       |      |    |   | 40  | 3.85 | 2530.484 | 2539.538 | 2530 to 2540 | Pass |
|       |      |    |   | 50  | 3.85 | 2530.496 | 2539.560 | 2530 to 2540 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | 2560.472 | 2569.561 | 2560 to 2570 | Pass |
|       |      |    |   |     | 3.85 | 2560.474 | 2569.558 | 2560 to 2570 | Pass |
|       |      |    |   |     | 4.43 | 2560.478 | 2569.546 | 2560 to 2570 | Pass |
|       |      |    |   | -30 | 3.85 | 2560.479 | 2569.534 | 2560 to 2570 | Pass |
|       |      |    |   | -20 | 3.85 | 2560.439 | 2569.540 | 2560 to 2570 | Pass |
|       |      |    |   | -10 | 3.85 | 2560.477 | 2569.533 | 2560 to 2570 | Pass |
|       |      |    |   | 0   | 3.85 | 2560.466 | 2569.547 | 2560 to 2570 | Pass |
|       |      |    |   | 10  | 3.85 | 2560.473 | 2569.532 | 2560 to 2570 | Pass |
|       |      |    |   | 30  | 3.85 | 2560.474 | 2569.561 | 2560 to 2570 | Pass |
|       |      |    |   | 40  | 3.85 | 2560.483 | 2569.571 | 2560 to 2570 | Pass |
|       |      |    |   | 50  | 3.85 | 2560.466 | 2569.534 | 2560 to 2570 | Pass |
| 64QAM | 2505 | 50 | 0 | 20  | 3.27 | 2500.485 | 2509.538 | 2500 to 2510 | Pass |
|       |      |    |   |     | 3.85 | 2500.483 | 2509.560 | 2500 to 2510 | Pass |
|       |      |    |   |     | 4.43 | 2500.511 | 2509.551 | 2500 to 2510 | Pass |
|       |      |    |   | -30 | 3.85 | 2500.506 | 2509.552 | 2500 to 2510 | Pass |

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|  |      |    |   |     |      |          |          |              |      |
|--|------|----|---|-----|------|----------|----------|--------------|------|
|  |      |    |   | -20 | 3.85 | 2500.478 | 2509.581 | 2500 to 2510 | Pass |
|  |      |    |   | -10 | 3.85 | 2500.491 | 2509.559 | 2500 to 2510 | Pass |
|  |      |    |   | 0   | 3.85 | 2500.491 | 2509.570 | 2500 to 2510 | Pass |
|  |      |    |   | 10  | 3.85 | 2500.497 | 2509.559 | 2500 to 2510 | Pass |
|  |      |    |   | 30  | 3.85 | 2500.489 | 2509.560 | 2500 to 2510 | Pass |
|  |      |    |   | 40  | 3.85 | 2500.510 | 2509.560 | 2500 to 2510 | Pass |
|  |      |    |   | 50  | 3.85 | 2500.504 | 2509.563 | 2500 to 2510 | Pass |
|  | 2535 | 50 | 0 | 20  | 3.27 | 2530.458 | 2539.536 | 2530 to 2540 | Pass |
|  |      |    |   |     | 3.85 | 2530.481 | 2539.521 | 2530 to 2540 | Pass |
|  |      |    |   |     | 4.43 | 2530.468 | 2539.551 | 2530 to 2540 | Pass |
|  |      |    |   | -30 | 3.85 | 2530.488 | 2539.549 | 2530 to 2540 | Pass |
|  |      |    |   | -20 | 3.85 | 2530.469 | 2539.532 | 2530 to 2540 | Pass |
|  |      |    |   | -10 | 3.85 | 2530.496 | 2539.517 | 2530 to 2540 | Pass |
|  |      |    |   | 0   | 3.85 | 2530.463 | 2539.534 | 2530 to 2540 | Pass |
|  |      |    |   | 10  | 3.85 | 2530.465 | 2539.547 | 2530 to 2540 | Pass |
|  |      |    |   | 30  | 3.85 | 2530.458 | 2539.531 | 2530 to 2540 | Pass |
|  |      |    |   | 40  | 3.85 | 2530.460 | 2539.546 | 2530 to 2540 | Pass |
|  |      |    |   | 50  | 3.85 | 2530.478 | 2539.538 | 2530 to 2540 | Pass |
|  | 2565 | 50 | 0 | 20  | 3.27 | 2560.471 | 2569.535 | 2560 to 2570 | Pass |
|  |      |    |   |     | 3.85 | 2560.484 | 2569.536 | 2560 to 2570 | Pass |
|  |      |    |   |     | 4.43 | 2560.494 | 2569.526 | 2560 to 2570 | Pass |
|  |      |    |   | -30 | 3.85 | 2560.462 | 2569.545 | 2560 to 2570 | Pass |
|  |      |    |   | -20 | 3.85 | 2560.466 | 2569.533 | 2560 to 2570 | Pass |
|  |      |    |   | -10 | 3.85 | 2560.473 | 2569.558 | 2560 to 2570 | Pass |
|  |      |    |   | 0   | 3.85 | 2560.450 | 2569.549 | 2560 to 2570 | Pass |
|  |      |    |   | 10  | 3.85 | 2560.482 | 2569.565 | 2560 to 2570 | Pass |
|  |      |    |   | 30  | 3.85 | 2560.479 | 2569.535 | 2560 to 2570 | Pass |
|  |      |    |   | 40  | 3.85 | 2560.486 | 2569.545 | 2560 to 2570 | Pass |
|  |      |    |   | 50  | 3.85 | 2560.461 | 2569.523 | 2560 to 2570 | Pass |

### 7.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTV |                 |               |        |            |               |                     |          |              |         |
|----------------------------------|-----------------|---------------|--------|------------|---------------|---------------------|----------|--------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | OBW (FL - FH) (MHz) |          | Limit        | Verdict |
|                                  |                 | Size          | Offset |            |               | FL                  | FH       |              |         |
| QPSK                             | 2507.5          | 75            | 0      | 20         | 3.27          | 2500.489            | 2514.562 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.468            | 2514.595 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.482            | 2514.558 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.532            | 2514.570 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.485            | 2514.564 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.507            | 2514.588 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.480            | 2514.632 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.496            | 2514.562 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2500.499            | 2514.570 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2500.444            | 2514.590 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2500.503            | 2514.582 | 2500 to 2520 | Pass    |
|                                  | 2535            | 75            | 0      | 20         | 3.27          | 2527.956            | 2542.043 | 2520 to 2550 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2527.972            | 2542.039 | 2520 to 2550 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2527.967            | 2542.033 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2527.970            | 2542.050 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2527.962            | 2542.044 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2527.957            | 2542.013 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2527.975            | 2542.078 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2527.964            | 2542.050 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2527.972            | 2542.045 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2527.952            | 2542.088 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2527.898            | 2542.020 | 2520 to 2550 | Pass    |
|                                  | 2562.5          | 75            | 0      | 20         | 3.27          | 2555.450            | 2569.537 | 2550 to 2570 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2555.439            | 2569.554 | 2550 to 2570 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2555.479            | 2569.533 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2555.455            | 2569.576 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2555.417            | 2569.517 | 2550 to 2570 | Pass    |

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|       |        |    |   |     |      |          |          |              |      |
|-------|--------|----|---|-----|------|----------|----------|--------------|------|
|       |        |    |   | -10 | 3.85 | 2555.450 | 2569.518 | 2550 to 2570 | Pass |
|       |        |    |   | 0   | 3.85 | 2555.458 | 2569.528 | 2550 to 2570 | Pass |
|       |        |    |   | 10  | 3.85 | 2555.458 | 2569.551 | 2550 to 2570 | Pass |
|       |        |    |   | 30  | 3.85 | 2555.407 | 2569.543 | 2550 to 2570 | Pass |
|       |        |    |   | 40  | 3.85 | 2555.468 | 2569.527 | 2550 to 2570 | Pass |
|       |        |    |   | 50  | 3.85 | 2555.463 | 2569.542 | 2550 to 2570 | Pass |
| 16QAM | 2507.5 | 75 | 0 | 20  | 3.27 | 2500.506 | 2514.576 | 2500 to 2520 | Pass |
|       |        |    |   |     | 3.85 | 2500.483 | 2514.616 | 2500 to 2520 | Pass |
|       |        |    |   |     | 4.43 | 2500.498 | 2514.579 | 2500 to 2520 | Pass |
|       |        |    |   | -30 | 3.85 | 2500.541 | 2514.556 | 2500 to 2520 | Pass |
|       |        |    |   | -20 | 3.85 | 2500.513 | 2514.633 | 2500 to 2520 | Pass |
|       |        |    |   | -10 | 3.85 | 2500.547 | 2514.584 | 2500 to 2520 | Pass |
|       |        |    |   | 0   | 3.85 | 2500.511 | 2514.569 | 2500 to 2520 | Pass |
|       |        |    |   | 10  | 3.85 | 2500.526 | 2514.602 | 2500 to 2520 | Pass |
|       |        |    |   | 30  | 3.85 | 2500.518 | 2514.574 | 2500 to 2520 | Pass |
|       |        |    |   | 40  | 3.85 | 2500.531 | 2514.621 | 2500 to 2520 | Pass |
|       |        |    |   | 50  | 3.85 | 2500.524 | 2514.580 | 2500 to 2520 | Pass |
|       | 2535   | 75 | 0 | 20  | 3.27 | 2527.970 | 2542.014 | 2520 to 2550 | Pass |
|       |        |    |   |     | 3.85 | 2527.978 | 2542.047 | 2520 to 2550 | Pass |
|       |        |    |   |     | 4.43 | 2527.934 | 2542.049 | 2520 to 2550 | Pass |
|       |        |    |   | -30 | 3.85 | 2528.002 | 2542.024 | 2520 to 2550 | Pass |
|       |        |    |   | -20 | 3.85 | 2527.990 | 2542.023 | 2520 to 2550 | Pass |
|       |        |    |   | -10 | 3.85 | 2527.960 | 2542.072 | 2520 to 2550 | Pass |
|       |        |    |   | 0   | 3.85 | 2527.961 | 2542.021 | 2520 to 2550 | Pass |
|       |        |    |   | 10  | 3.85 | 2527.964 | 2542.027 | 2520 to 2550 | Pass |
|       |        |    |   | 30  | 3.85 | 2527.980 | 2542.052 | 2520 to 2550 | Pass |
|       |        |    |   | 40  | 3.85 | 2527.967 | 2542.031 | 2520 to 2550 | Pass |
|       |        |    |   | 50  | 3.85 | 2527.974 | 2542.025 | 2520 to 2550 | Pass |
|       | 2562.5 | 75 | 0 | 20  | 3.27 | 2555.471 | 2569.555 | 2550 to 2570 | Pass |
|       |        |    |   |     | 3.85 | 2555.467 | 2569.515 | 2550 to 2570 | Pass |
|       |        |    |   |     | 4.43 | 2555.454 | 2569.527 | 2550 to 2570 | Pass |
|       |        |    |   | -30 | 3.85 | 2555.496 | 2569.546 | 2550 to 2570 | Pass |
|       |        |    |   | -20 | 3.85 | 2555.444 | 2569.517 | 2550 to 2570 | Pass |
|       |        |    |   | -10 | 3.85 | 2555.461 | 2569.519 | 2550 to 2570 | Pass |
|       |        |    |   | 0   | 3.85 | 2555.464 | 2569.532 | 2550 to 2570 | Pass |
|       |        |    |   | 10  | 3.85 | 2555.429 | 2569.534 | 2550 to 2570 | Pass |
|       |        |    |   | 30  | 3.85 | 2555.464 | 2569.506 | 2550 to 2570 | Pass |
|       |        |    |   | 40  | 3.85 | 2555.446 | 2569.526 | 2550 to 2570 | Pass |
|       |        |    |   | 50  | 3.85 | 2555.472 | 2569.524 | 2550 to 2570 | Pass |
| 64QAM | 2507.5 | 75 | 0 | 20  | 3.27 | 2500.537 | 2514.568 | 2500 to 2520 | Pass |
|       |        |    |   |     | 3.85 | 2500.502 | 2514.561 | 2500 to 2520 | Pass |
|       |        |    |   |     | 4.43 | 2500.507 | 2514.567 | 2500 to 2520 | Pass |
|       |        |    |   | -30 | 3.85 | 2500.536 | 2514.551 | 2500 to 2520 | Pass |
|       |        |    |   | -20 | 3.85 | 2500.509 | 2514.559 | 2500 to 2520 | Pass |
|       |        |    |   | -10 | 3.85 | 2500.517 | 2514.571 | 2500 to 2520 | Pass |
|       |        |    |   | 0   | 3.85 | 2500.506 | 2514.568 | 2500 to 2520 | Pass |
|       |        |    |   | 10  | 3.85 | 2500.518 | 2514.588 | 2500 to 2520 | Pass |
|       |        |    |   | 30  | 3.85 | 2500.490 | 2514.543 | 2500 to 2520 | Pass |
|       |        |    |   | 40  | 3.85 | 2500.487 | 2514.572 | 2500 to 2520 | Pass |
|       |        |    |   | 50  | 3.85 | 2500.518 | 2514.555 | 2500 to 2520 | Pass |
|       | 2535   | 75 | 0 | 20  | 3.27 | 2527.955 | 2542.056 | 2520 to 2550 | Pass |
|       |        |    |   |     | 3.85 | 2527.964 | 2542.021 | 2520 to 2550 | Pass |
|       |        |    |   |     | 4.43 | 2527.976 | 2542.020 | 2520 to 2550 | Pass |
|       |        |    |   | -30 | 3.85 | 2527.962 | 2542.010 | 2520 to 2550 | Pass |
|       |        |    |   | -20 | 3.85 | 2527.926 | 2542.043 | 2520 to 2550 | Pass |
|       |        |    |   | -10 | 3.85 | 2527.962 | 2542.044 | 2520 to 2550 | Pass |
|       |        |    |   | 0   | 3.85 | 2527.966 | 2542.018 | 2520 to 2550 | Pass |
|       |        |    |   | 10  | 3.85 | 2527.941 | 2542.071 | 2520 to 2550 | Pass |
|       |        |    |   | 30  | 3.85 | 2527.970 | 2542.021 | 2520 to 2550 | Pass |
|       |        |    |   | 40  | 3.85 | 2527.974 | 2542.053 | 2520 to 2550 | Pass |
|       |        |    |   | 50  | 3.85 | 2527.955 | 2542.026 | 2520 to 2550 | Pass |
|       | 2562.5 | 75 | 0 | 20  | 3.27 | 2555.441 | 2569.530 | 2550 to 2570 | Pass |

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|  |  |  |     |      |          |          |              |      |
|--|--|--|-----|------|----------|----------|--------------|------|
|  |  |  |     | 3.85 | 2555.471 | 2569.522 | 2550 to 2570 | Pass |
|  |  |  |     | 4.43 | 2555.465 | 2569.504 | 2550 to 2570 | Pass |
|  |  |  | -30 | 3.85 | 2555.468 | 2569.519 | 2550 to 2570 | Pass |
|  |  |  | -20 | 3.85 | 2555.471 | 2569.529 | 2550 to 2570 | Pass |
|  |  |  | -10 | 3.85 | 2555.480 | 2569.524 | 2550 to 2570 | Pass |
|  |  |  | 0   | 3.85 | 2555.464 | 2569.528 | 2550 to 2570 | Pass |
|  |  |  | 10  | 3.85 | 2555.464 | 2569.538 | 2550 to 2570 | Pass |
|  |  |  | 30  | 3.85 | 2555.481 | 2569.502 | 2550 to 2570 | Pass |
|  |  |  | 40  | 3.85 | 2555.452 | 2569.517 | 2550 to 2570 | Pass |
|  |  |  | 50  | 3.85 | 2555.454 | 2569.533 | 2550 to 2570 | Pass |

#### 7.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTV |                 |               |        |            |               |                     |          |              |         |
|----------------------------------|-----------------|---------------|--------|------------|---------------|---------------------|----------|--------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | OBW (FL - FH) (MHz) |          | Limit        | Verdict |
|                                  |                 | Size          | Offset |            |               | FL                  | FH       |              |         |
| QPSK                             | 2510            | 100           | 0      | 20         | 3.27          | 2500.859            | 2519.244 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.862            | 2519.281 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.835            | 2519.239 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.831            | 2519.294 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.855            | 2519.270 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.844            | 2519.257 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.865            | 2519.280 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.841            | 2519.294 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2500.838            | 2519.273 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2500.874            | 2519.283 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2500.860            | 2519.296 | 2500 to 2520 | Pass    |
|                                  | 2535            | 100           | 0      | 20         | 3.27          | 2525.801            | 2544.190 | 2520 to 2550 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2525.787            | 2544.239 | 2520 to 2550 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2525.764            | 2544.256 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2525.768            | 2544.223 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2525.801            | 2544.192 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2525.818            | 2544.276 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2525.781            | 2544.222 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2525.791            | 2544.188 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2525.766            | 2544.221 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2525.773            | 2544.211 | 2520 to 2550 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2525.796            | 2544.197 | 2520 to 2550 | Pass    |
|                                  | 2560            | 100           | 0      | 20         | 3.27          | 2550.832            | 2569.213 | 2550 to 2570 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2550.806            | 2569.211 | 2550 to 2570 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2550.831            | 2569.182 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2550.793            | 2569.225 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2550.790            | 2569.214 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2550.818            | 2569.271 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2550.793            | 2569.216 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2550.821            | 2569.213 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2550.795            | 2569.227 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2550.777            | 2569.183 | 2550 to 2570 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2550.792            | 2569.199 | 2550 to 2570 | Pass    |
| 16QAM                            | 2510            | 100           | 0      | 20         | 3.27          | 2500.858            | 2519.241 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2500.864            | 2519.230 | 2500 to 2520 | Pass    |
|                                  |                 |               |        |            | 4.43          | 2500.866            | 2519.269 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -30        | 3.85          | 2500.876            | 2519.286 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -20        | 3.85          | 2500.886            | 2519.271 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | -10        | 3.85          | 2500.816            | 2519.248 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 0          | 3.85          | 2500.842            | 2519.257 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 10         | 3.85          | 2500.854            | 2519.250 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 30         | 3.85          | 2500.841            | 2519.251 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 40         | 3.85          | 2500.843            | 2519.230 | 2500 to 2520 | Pass    |
|                                  |                 |               |        | 50         | 3.85          | 2500.821            | 2519.299 | 2500 to 2520 | Pass    |
|                                  | 2535            | 100           | 0      | 20         | 3.27          | 2525.790            | 2544.218 | 2520 to 2550 | Pass    |
|                                  |                 |               |        |            | 3.85          | 2525.791            | 2544.222 | 2520 to 2550 | Pass    |

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|       |      |     |   |     |      |          |          |              |      |
|-------|------|-----|---|-----|------|----------|----------|--------------|------|
|       | 2560 | 100 | 0 |     | 4.43 | 2525.760 | 2544.212 | 2520 to 2550 | Pass |
|       |      |     |   | -30 | 3.85 | 2525.797 | 2544.217 | 2520 to 2550 | Pass |
|       |      |     |   | -20 | 3.85 | 2525.781 | 2544.224 | 2520 to 2550 | Pass |
|       |      |     |   | -10 | 3.85 | 2525.779 | 2544.215 | 2520 to 2550 | Pass |
|       |      |     |   | 0   | 3.85 | 2525.763 | 2544.222 | 2520 to 2550 | Pass |
|       |      |     |   | 10  | 3.85 | 2525.776 | 2544.218 | 2520 to 2550 | Pass |
|       |      |     |   | 30  | 3.85 | 2525.789 | 2544.271 | 2520 to 2550 | Pass |
|       |      |     |   | 40  | 3.85 | 2525.800 | 2544.228 | 2520 to 2550 | Pass |
|       |      |     |   | 50  | 3.85 | 2525.774 | 2544.203 | 2520 to 2550 | Pass |
|       |      |     |   | 20  | 3.27 | 2550.803 | 2569.225 | 2550 to 2570 | Pass |
|       |      |     |   |     | 3.85 | 2550.796 | 2569.186 | 2550 to 2570 | Pass |
|       |      |     |   |     | 4.43 | 2550.830 | 2569.157 | 2550 to 2570 | Pass |
|       |      |     |   | -30 | 3.85 | 2550.835 | 2569.235 | 2550 to 2570 | Pass |
|       |      |     |   | -20 | 3.85 | 2550.794 | 2569.235 | 2550 to 2570 | Pass |
|       |      |     |   | -10 | 3.85 | 2550.809 | 2569.224 | 2550 to 2570 | Pass |
|       |      |     |   | 0   | 3.85 | 2550.774 | 2569.199 | 2550 to 2570 | Pass |
|       |      |     |   | 10  | 3.85 | 2550.821 | 2569.211 | 2550 to 2570 | Pass |
|       |      |     |   | 30  | 3.85 | 2550.761 | 2569.238 | 2550 to 2570 | Pass |
|       |      |     |   | 40  | 3.85 | 2550.821 | 2569.220 | 2550 to 2570 | Pass |
|       |      |     |   | 50  | 3.85 | 2550.825 | 2569.242 | 2550 to 2570 | Pass |
| 64QAM | 2510 | 100 | 0 | 20  | 3.27 | 2500.875 | 2519.228 | 2500 to 2520 | Pass |
|       |      |     |   |     | 3.85 | 2500.853 | 2519.282 | 2500 to 2520 | Pass |
|       |      |     |   |     | 4.43 | 2500.851 | 2519.237 | 2500 to 2520 | Pass |
|       |      |     |   | -30 | 3.85 | 2500.860 | 2519.243 | 2500 to 2520 | Pass |
|       |      |     |   | -20 | 3.85 | 2500.863 | 2519.269 | 2500 to 2520 | Pass |
|       |      |     |   | -10 | 3.85 | 2500.850 | 2519.237 | 2500 to 2520 | Pass |
|       |      |     |   | 0   | 3.85 | 2500.872 | 2519.248 | 2500 to 2520 | Pass |
|       |      |     |   | 10  | 3.85 | 2500.867 | 2519.262 | 2500 to 2520 | Pass |
|       |      |     |   | 30  | 3.85 | 2500.856 | 2519.287 | 2500 to 2520 | Pass |
|       |      |     |   | 40  | 3.85 | 2500.843 | 2519.281 | 2500 to 2520 | Pass |
|       |      |     |   | 50  | 3.85 | 2500.891 | 2519.235 | 2500 to 2520 | Pass |
|       | 2535 | 100 | 0 | 20  | 3.27 | 2525.782 | 2544.233 | 2520 to 2550 | Pass |
|       |      |     |   |     | 3.85 | 2525.814 | 2544.232 | 2520 to 2550 | Pass |
|       |      |     |   |     | 4.43 | 2525.807 | 2544.228 | 2520 to 2550 | Pass |
|       |      |     |   | -30 | 3.85 | 2525.783 | 2544.197 | 2520 to 2550 | Pass |
|       |      |     |   | -20 | 3.85 | 2525.774 | 2544.203 | 2520 to 2550 | Pass |
|       |      |     |   | -10 | 3.85 | 2525.780 | 2544.186 | 2520 to 2550 | Pass |
|       |      |     |   | 0   | 3.85 | 2525.807 | 2544.218 | 2520 to 2550 | Pass |
|       |      |     |   | 10  | 3.85 | 2525.795 | 2544.232 | 2520 to 2550 | Pass |
|       |      |     |   | 30  | 3.85 | 2525.804 | 2544.218 | 2520 to 2550 | Pass |
|       |      |     |   | 40  | 3.85 | 2525.792 | 2544.248 | 2520 to 2550 | Pass |
|       |      |     |   | 50  | 3.85 | 2525.803 | 2544.227 | 2520 to 2550 | Pass |
|       | 2560 | 100 | 0 | 20  | 3.27 | 2550.797 | 2569.198 | 2550 to 2570 | Pass |
|       |      |     |   |     | 3.85 | 2550.793 | 2569.219 | 2550 to 2570 | Pass |
|       |      |     |   |     | 4.43 | 2550.840 | 2569.231 | 2550 to 2570 | Pass |
|       |      |     |   | -30 | 3.85 | 2550.858 | 2569.250 | 2550 to 2570 | Pass |
|       |      |     |   | -20 | 3.85 | 2550.831 | 2569.193 | 2550 to 2570 | Pass |
|       |      |     |   | -10 | 3.85 | 2550.837 | 2569.256 | 2550 to 2570 | Pass |
|       |      |     |   | 0   | 3.85 | 2550.797 | 2569.233 | 2550 to 2570 | Pass |
|       |      |     |   | 10  | 3.85 | 2550.853 | 2569.206 | 2550 to 2570 | Pass |
|       |      |     |   | 30  | 3.85 | 2550.816 | 2569.174 | 2550 to 2570 | Pass |
|       |      |     |   | 40  | 3.85 | 2550.780 | 2569.224 | 2550 to 2570 | Pass |
|       |      |     |   | 50  | 3.85 | 2550.788 | 2569.227 | 2550 to 2570 | Pass |



## 8. Form731

### 8.1 Test Result

#### 8.1.1 Form731\_Power

| Band | BW | Lower | High | MAX | Value | Hz/ppm | Emission | Rule | MAX |
|------|----|-------|------|-----|-------|--------|----------|------|-----|
|------|----|-------|------|-----|-------|--------|----------|------|-----|

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|   |    | Freq   | Freq   | Power (W) |         |     | Designator | Parts | Power (dBm) |
|---|----|--------|--------|-----------|---------|-----|------------|-------|-------------|
| 7 | 5  | 2502.5 | 2567.5 | 0.2323    | 99.0000 | ppm | 4M61G7D    | 27M   | 23.66       |
| 7 | 5  | 2502.5 | 2567.5 | 0.1928    | 99.0000 | ppm | 4M61W7D    | 27M   | 22.85       |
| 7 | 10 | 2505   | 2565   | 0.2265    | 99.0000 | ppm | 9M10G7D    | 27M   | 23.55       |
| 7 | 10 | 2505   | 2565   | 0.1879    | 99.0000 | ppm | 9M09W7D    | 27M   | 22.74       |
| 7 | 15 | 2507.5 | 2562.5 | 0.2249    | 99.0000 | ppm | 14M1G7D    | 27M   | 23.52       |
| 7 | 15 | 2507.5 | 2562.5 | 0.1884    | 99.0000 | ppm | 14M1W7D    | 27M   | 22.75       |
| 7 | 20 | 2510   | 2560   | 0.2270    | 99.0000 | ppm | 18M5G7D    | 27M   | 23.56       |
| 7 | 20 | 2510   | 2560   | 0.1901    | 99.0000 | ppm | 18M4W7D    | 27M   | 22.79       |

### 8.1.2 Form731\_EIRP

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value   | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|----|------------|-----------|---------------|---------|--------|---------------------|------------|-----------------|
| 7    | 5  | 2502.5     | 2567.5    | 0.1400        | 99.0000 | ppm    | 4M61G7D             | 27M        | 21.46           |
| 7    | 5  | 2502.5     | 2567.5    | 0.1161        | 99.0000 | ppm    | 4M61W7D             | 27M        | 20.65           |
| 7    | 10 | 2505       | 2565      | 0.1365        | 99.0000 | ppm    | 9M10G7D             | 27M        | 21.35           |
| 7    | 10 | 2505       | 2565      | 0.1132        | 99.0000 | ppm    | 9M09W7D             | 27M        | 20.54           |
| 7    | 15 | 2507.5     | 2562.5    | 0.1355        | 99.0000 | ppm    | 14M1G7D             | 27M        | 21.32           |
| 7    | 15 | 2507.5     | 2562.5    | 0.1135        | 99.0000 | ppm    | 14M1W7D             | 27M        | 20.55           |
| 7    | 20 | 2510       | 2560      | 0.1368        | 99.0000 | ppm    | 18M5G7D             | 27M        | 21.36           |
| 7    | 20 | 2510       | 2560      | 0.1146        | 99.0000 | ppm    | 18M4W7D             | 27M        | 20.59           |



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