

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B2\_1.4MHz\_EIRP

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1850.7          | 1             | 0      | 22.20                 | -1.60      | 20.60      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.22                 | -1.60      | 20.62      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 22.20                 | -1.60      | 20.60      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 22.20                 | -1.60      | 20.60      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.27                 | -1.60      | 20.67      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 22.18                 | -1.60      | 20.58      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 21.27                 | -1.60      | 19.67      | <=33.01 | Pass    |
|                                    | 1880            | 1             | 0      | 22.53                 | -1.60      | 20.93      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.19                 | -1.60      | 20.59      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 22.46                 | -1.60      | 20.86      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 22.54                 | -1.60      | 20.94      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.27                 | -1.60      | 20.67      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 22.49                 | -1.60      | 20.89      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 21.36                 | -1.60      | 19.76      | <=33.01 | Pass    |
|                                    | 1909.3          | 1             | 0      | 22.35                 | -1.60      | 20.75      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.37                 | -1.60      | 20.77      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 22.40                 | -1.60      | 20.80      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 22.43                 | -1.60      | 20.83      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 22.27                 | -1.60      | 20.67      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 22.42                 | -1.60      | 20.82      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 21.26                 | -1.60      | 19.66      | <=33.01 | Pass    |
| 16QAM                              | 1850.7          | 1             | 0      | 21.57                 | -1.60      | 19.97      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.51                 | -1.60      | 19.91      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.54                 | -1.60      | 19.94      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.23                 | -1.60      | 19.63      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.33                 | -1.60      | 19.73      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.28                 | -1.60      | 19.68      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.47                 | -1.60      | 18.87      | <=33.01 | Pass    |
|                                    | 1880            | 1             | 0      | 21.86                 | -1.60      | 20.26      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.79                 | -1.60      | 20.19      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.69                 | -1.60      | 20.09      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.30                 | -1.60      | 19.70      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.51                 | -1.60      | 19.91      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.62                 | -1.60      | 19.02      | <=33.01 | Pass    |
|                                    | 1909.3          | 1             | 0      | 21.82                 | -1.60      | 20.22      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.64                 | -1.60      | 20.04      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.34                 | -1.60      | 19.74      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.66                 | -1.60      | 20.06      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.52                 | -1.60      | 19.92      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.60                 | -1.60      | 19.00      | <=33.01 | Pass    |
| 64QAM                              | 1850.7          | 1             | 0      | 20.56                 | -1.60      | 18.96      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.45                 | -1.60      | 18.85      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 20.41                 | -1.60      | 18.81      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 20.24                 | -1.60      | 18.64      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.41                 | -1.60      | 18.81      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 20.44                 | -1.60      | 18.84      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 19.37                 | -1.60      | 17.77      | <=33.01 | Pass    |

|                                          |        |   |   |       |       |       |         |      |
|------------------------------------------|--------|---|---|-------|-------|-------|---------|------|
|                                          | 1880   | 1 | 0 | 20.67 | -1.60 | 19.07 | <=33.01 | Pass |
|                                          |        |   | 2 | 20.67 | -1.60 | 19.07 | <=33.01 | Pass |
|                                          |        |   | 5 | 20.44 | -1.60 | 18.84 | <=33.01 | Pass |
|                                          |        | 3 | 0 | 20.70 | -1.60 | 19.10 | <=33.01 | Pass |
|                                          |        |   | 2 | 20.68 | -1.60 | 19.08 | <=33.01 | Pass |
|                                          |        |   | 3 | 20.66 | -1.60 | 19.06 | <=33.01 | Pass |
|                                          |        | 6 | 0 | 19.60 | -1.60 | 18.00 | <=33.01 | Pass |
|                                          | 1909.3 | 1 | 0 | 20.63 | -1.60 | 19.03 | <=33.01 | Pass |
|                                          |        |   | 2 | 20.38 | -1.60 | 18.78 | <=33.01 | Pass |
|                                          |        |   | 5 | 20.65 | -1.60 | 19.05 | <=33.01 | Pass |
|                                          |        | 3 | 0 | 20.58 | -1.60 | 18.98 | <=33.01 | Pass |
|                                          |        |   | 2 | 20.70 | -1.60 | 19.10 | <=33.01 | Pass |
|                                          |        |   | 3 | 20.64 | -1.60 | 19.04 | <=33.01 | Pass |
|                                          |        | 6 | 0 | 19.49 | -1.60 | 17.89 | <=33.01 | Pass |
| 256QAM                                   | 1850.7 | 1 | 0 | 17.62 | -1.60 | 16.02 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.40 | -1.60 | 15.80 | <=33.01 | Pass |
|                                          |        |   | 5 | 17.41 | -1.60 | 15.81 | <=33.01 | Pass |
|                                          |        | 3 | 0 | 17.54 | -1.60 | 15.94 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.45 | -1.60 | 15.85 | <=33.01 | Pass |
|                                          |        |   | 3 | 17.50 | -1.60 | 15.90 | <=33.01 | Pass |
|                                          |        | 6 | 0 | 17.35 | -1.60 | 15.75 | <=33.01 | Pass |
|                                          | 1880   | 1 | 0 | 17.78 | -1.60 | 16.18 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.77 | -1.60 | 16.17 | <=33.01 | Pass |
|                                          |        |   | 5 | 17.76 | -1.60 | 16.16 | <=33.01 | Pass |
|                                          |        | 3 | 0 | 17.68 | -1.60 | 16.08 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.67 | -1.60 | 16.07 | <=33.01 | Pass |
|                                          |        |   | 3 | 17.77 | -1.60 | 16.17 | <=33.01 | Pass |
|                                          |        | 6 | 0 | 17.59 | -1.60 | 15.99 | <=33.01 | Pass |
|                                          | 1909.3 | 1 | 0 | 17.65 | -1.60 | 16.05 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.51 | -1.60 | 15.91 | <=33.01 | Pass |
|                                          |        |   | 5 | 17.55 | -1.60 | 15.95 | <=33.01 | Pass |
|                                          |        | 3 | 0 | 17.57 | -1.60 | 15.97 | <=33.01 | Pass |
|                                          |        |   | 2 | 17.58 | -1.60 | 15.98 | <=33.01 | Pass |
|                                          |        |   | 3 | 17.63 | -1.60 | 16.03 | <=33.01 | Pass |
|                                          |        | 6 | 0 | 17.48 | -1.60 | 15.88 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |   |   |       |       |       |         |      |

### 1.1.2 B2\_3MHz\_EIRP

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1851.5          | 1             | 0      | 22.31                 | -1.60      | 20.71      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.31                 | -1.60      | 20.71      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.40                 | -1.60      | 20.80      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 21.42                 | -1.60      | 19.82      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 21.45                 | -1.60      | 19.85      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 21.43                 | -1.60      | 19.83      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 21.41                 | -1.60      | 19.81      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.63                 | -1.60      | 21.03      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.58                 | -1.60      | 20.98      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.53                 | -1.60      | 20.93      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 21.71                 | -1.60      | 20.11      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 21.63                 | -1.60      | 20.03      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 21.68                 | -1.60      | 20.08      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 21.67                 | -1.60      | 20.07      | <=33.01 | Pass    |
|                                  | 1908.5          | 1             | 0      | 22.43                 | -1.60      | 20.83      | <=33.01 | Pass    |

|        |        |    |    |       |       |       |         |      |
|--------|--------|----|----|-------|-------|-------|---------|------|
|        |        | 8  | 7  | 22.38 | -1.60 | 20.78 | <=33.01 | Pass |
|        |        |    | 14 | 22.47 | -1.60 | 20.87 | <=33.01 | Pass |
|        |        |    | 0  | 21.52 | -1.60 | 19.92 | <=33.01 | Pass |
|        |        |    | 4  | 21.43 | -1.60 | 19.83 | <=33.01 | Pass |
|        |        |    | 7  | 21.53 | -1.60 | 19.93 | <=33.01 | Pass |
|        |        | 15 | 0  | 21.55 | -1.60 | 19.95 | <=33.01 | Pass |
| 16QAM  | 1851.5 | 1  | 0  | 21.56 | -1.60 | 19.96 | <=33.01 | Pass |
|        |        |    | 7  | 21.23 | -1.60 | 19.63 | <=33.01 | Pass |
|        |        |    | 14 | 21.56 | -1.60 | 19.96 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.46 | -1.60 | 18.86 | <=33.01 | Pass |
|        |        |    | 4  | 20.48 | -1.60 | 18.88 | <=33.01 | Pass |
|        |        |    | 7  | 20.46 | -1.60 | 18.86 | <=33.01 | Pass |
|        |        | 15 | 0  | 20.42 | -1.60 | 18.82 | <=33.01 | Pass |
|        | 1880   | 1  | 0  | 21.85 | -1.60 | 20.25 | <=33.01 | Pass |
|        |        |    | 7  | 21.99 | -1.60 | 20.39 | <=33.01 | Pass |
|        |        |    | 14 | 21.85 | -1.60 | 20.25 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.74 | -1.60 | 19.14 | <=33.01 | Pass |
|        |        |    | 4  | 20.77 | -1.60 | 19.17 | <=33.01 | Pass |
|        |        |    | 7  | 20.72 | -1.60 | 19.12 | <=33.01 | Pass |
|        |        | 15 | 0  | 20.71 | -1.60 | 19.11 | <=33.01 | Pass |
|        | 1908.5 | 1  | 0  | 21.63 | -1.60 | 20.03 | <=33.01 | Pass |
|        |        |    | 7  | 21.71 | -1.60 | 20.11 | <=33.01 | Pass |
|        |        |    | 14 | 21.88 | -1.60 | 20.28 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.42 | -1.60 | 18.82 | <=33.01 | Pass |
|        |        |    | 4  | 20.48 | -1.60 | 18.88 | <=33.01 | Pass |
|        |        |    | 7  | 20.49 | -1.60 | 18.89 | <=33.01 | Pass |
|        |        | 15 | 0  | 20.53 | -1.60 | 18.93 | <=33.01 | Pass |
| 64QAM  | 1851.5 | 1  | 0  | 20.60 | -1.60 | 19.00 | <=33.01 | Pass |
|        |        |    | 7  | 20.47 | -1.60 | 18.87 | <=33.01 | Pass |
|        |        |    | 14 | 20.52 | -1.60 | 18.92 | <=33.01 | Pass |
|        |        | 8  | 0  | 19.43 | -1.60 | 17.83 | <=33.01 | Pass |
|        |        |    | 4  | 19.36 | -1.60 | 17.76 | <=33.01 | Pass |
|        |        |    | 7  | 19.49 | -1.60 | 17.89 | <=33.01 | Pass |
|        |        | 15 | 0  | 19.45 | -1.60 | 17.85 | <=33.01 | Pass |
|        | 1880   | 1  | 0  | 20.85 | -1.60 | 19.25 | <=33.01 | Pass |
|        |        |    | 7  | 20.41 | -1.60 | 18.81 | <=33.01 | Pass |
|        |        |    | 14 | 20.82 | -1.60 | 19.22 | <=33.01 | Pass |
|        |        | 8  | 0  | 19.74 | -1.60 | 18.14 | <=33.01 | Pass |
|        |        |    | 4  | 19.72 | -1.60 | 18.12 | <=33.01 | Pass |
|        |        |    | 7  | 19.74 | -1.60 | 18.14 | <=33.01 | Pass |
|        |        | 15 | 0  | 19.63 | -1.60 | 18.03 | <=33.01 | Pass |
|        | 1908.5 | 1  | 0  | 19.51 | -1.60 | 17.91 | <=33.01 | Pass |
|        |        |    | 7  | 19.56 | -1.60 | 17.96 | <=33.01 | Pass |
|        |        |    | 14 | 19.75 | -1.60 | 18.15 | <=33.01 | Pass |
|        |        | 8  | 0  | 19.62 | -1.60 | 18.02 | <=33.01 | Pass |
|        |        |    | 4  | 19.61 | -1.60 | 18.01 | <=33.01 | Pass |
|        |        |    | 7  | 19.57 | -1.60 | 17.97 | <=33.01 | Pass |
|        |        | 15 | 0  | 19.47 | -1.60 | 17.87 | <=33.01 | Pass |
| 256QAM | 1851.5 | 1  | 0  | 17.52 | -1.60 | 15.92 | <=33.01 | Pass |
|        |        |    | 7  | 17.49 | -1.60 | 15.89 | <=33.01 | Pass |
|        |        |    | 14 | 17.40 | -1.60 | 15.80 | <=33.01 | Pass |
|        |        | 8  | 0  | 17.43 | -1.60 | 15.83 | <=33.01 | Pass |
|        |        |    | 4  | 17.46 | -1.60 | 15.86 | <=33.01 | Pass |
|        |        |    | 7  | 17.43 | -1.60 | 15.83 | <=33.01 | Pass |
|        |        | 15 | 0  | 17.45 | -1.60 | 15.85 | <=33.01 | Pass |
|        | 1880   | 1  | 0  | 17.73 | -1.60 | 16.13 | <=33.01 | Pass |
|        |        |    | 7  | 17.92 | -1.60 | 16.32 | <=33.01 | Pass |
|        |        |    | 14 | 17.80 | -1.60 | 16.20 | <=33.01 | Pass |
|        |        | 8  | 0  | 17.70 | -1.60 | 16.10 | <=33.01 | Pass |

|                                          |        |    |    |       |       |       |         |      |
|------------------------------------------|--------|----|----|-------|-------|-------|---------|------|
|                                          |        |    | 4  | 17.68 | -1.60 | 16.08 | <=33.01 | Pass |
|                                          |        |    | 7  | 17.70 | -1.60 | 16.10 | <=33.01 | Pass |
|                                          |        | 15 | 0  | 17.63 | -1.60 | 16.03 | <=33.01 | Pass |
|                                          | 1908.5 | 1  | 0  | 17.53 | -1.60 | 15.93 | <=33.01 | Pass |
|                                          |        |    | 7  | 17.67 | -1.60 | 16.07 | <=33.01 | Pass |
|                                          |        |    | 14 | 17.54 | -1.60 | 15.94 | <=33.01 | Pass |
|                                          |        | 8  | 0  | 17.56 | -1.60 | 15.96 | <=33.01 | Pass |
|                                          |        |    | 4  | 17.53 | -1.60 | 15.93 | <=33.01 | Pass |
|                                          |        |    | 7  | 17.64 | -1.60 | 16.04 | <=33.01 | Pass |
|                                          |        | 15 | 0  | 17.48 | -1.60 | 15.88 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |         |      |

### 1.1.3 B2\_5MHz\_EIRP

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1852.5          | 1             | 0      | 22.56                 | -1.60      | 20.96      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.96                 | -1.60      | 20.36      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.51                 | -1.60      | 20.91      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.51                 | -1.60      | 19.91      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.49                 | -1.60      | 19.89      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.47                 | -1.60      | 19.87      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.57                 | -1.60      | 19.97      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.72                 | -1.60      | 21.12      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.69                 | -1.60      | 21.09      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.68                 | -1.60      | 21.08      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.80                 | -1.60      | 20.20      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.75                 | -1.60      | 20.15      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.75                 | -1.60      | 20.15      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.75                 | -1.60      | 20.15      | <=33.01 | Pass    |
|                                  | 1907.5          | 1             | 0      | 22.54                 | -1.60      | 20.94      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.45                 | -1.60      | 20.85      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 22.43                 | -1.60      | 20.83      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.56                 | -1.60      | 19.96      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.57                 | -1.60      | 19.97      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.60                 | -1.60      | 20.00      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 21.60                 | -1.60      | 20.00      | <=33.01 | Pass    |
| 16QAM                            | 1852.5          | 1             | 0      | 21.69                 | -1.60      | 20.09      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.73                 | -1.60      | 20.13      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.51                 | -1.60      | 18.91      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.47                 | -1.60      | 18.87      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.47                 | -1.60      | 18.87      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.40                 | -1.60      | 18.80      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 21.79                 | -1.60      | 20.19      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.99                 | -1.60      | 20.39      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.73                 | -1.60      | 20.13      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.81                 | -1.60      | 19.21      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.74                 | -1.60      | 19.14      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.75                 | -1.60      | 19.15      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 20.76                 | -1.60      | 19.16      | <=33.01 | Pass    |
|                                  | 1907.5          | 1             | 0      | 20.63                 | -1.60      | 19.03      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.59                 | -1.60      | 18.99      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 20.77                 | -1.60      | 19.17      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 19.61                 | -1.60      | 18.01      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 19.53                 | -1.60      | 17.93      | <=33.01 | Pass    |

|                                          |        |        |        |       |       |       |         |         |         |
|------------------------------------------|--------|--------|--------|-------|-------|-------|---------|---------|---------|
|                                          |        |        | 13     | 19.56 | -1.60 | 17.96 | <=33.01 | Pass    |         |
|                                          |        | 25     | 0      | 19.63 | -1.60 | 18.03 | <=33.01 | Pass    |         |
| 64QAM                                    | 1852.5 | 1      | 0      | 20.63 | -1.60 | 19.03 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 20.67 | -1.60 | 19.07 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 20.59 | -1.60 | 18.99 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 19.50 | -1.60 | 17.90 | <=33.01 | Pass    |         |
|                                          |        | 12     | 6      | 19.53 | -1.60 | 17.93 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 19.61 | -1.60 | 18.01 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 19.51 | -1.60 | 17.91   | <=33.01 | Pass    |
|                                          |        | 1880   | 1      | 0     | 20.67 | -1.60 | 19.07   | <=33.01 | Pass    |
|                                          |        |        |        | 13    | 20.76 | -1.60 | 19.16   | <=33.01 | Pass    |
|                                          |        |        |        | 24    | 20.61 | -1.60 | 19.01   | <=33.01 | Pass    |
|                                          | 0      |        |        | 19.83 | -1.60 | 18.23 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 19.82 | -1.60 | 18.22 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 19.76 | -1.60 | 18.16 | <=33.01 | Pass    |         |
|                                          | 25     |        | 0      | 19.78 | -1.60 | 18.18 | <=33.01 | Pass    |         |
|                                          | 1907.5 | 1      | 0      | 19.76 | -1.60 | 18.16 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 19.64 | -1.60 | 18.04 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 19.69 | -1.60 | 18.09 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 19.64 | -1.60 | 18.04 | <=33.01 | Pass    |         |
|                                          |        | 12     | 6      | 19.58 | -1.60 | 17.98 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 19.64 | -1.60 | 18.04 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 19.61 | -1.60 | 18.01   | <=33.01 | Pass    |
|                                          |        | 256QAM | 1852.5 | 1     | 0     | 17.52 | -1.60   | 15.92   | <=33.01 |
| 13                                       | 17.51  |        |        |       | -1.60 | 15.91 | <=33.01 | Pass    |         |
| 24                                       | 17.59  |        |        |       | -1.60 | 15.99 | <=33.01 | Pass    |         |
| 12                                       | 0      |        |        | 17.47 | -1.60 | 15.87 | <=33.01 | Pass    |         |
|                                          | 6      |        |        | 17.48 | -1.60 | 15.88 | <=33.01 | Pass    |         |
|                                          | 13     |        |        | 17.31 | -1.60 | 15.71 | <=33.01 | Pass    |         |
|                                          | 25     |        |        | 0     | 17.42 | -1.60 | 15.82   | <=33.01 | Pass    |
| 1880                                     | 1      |        | 0      | 17.88 | -1.60 | 16.28 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.79 | -1.60 | 16.19 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 17.90 | -1.60 | 16.30 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 17.78 | -1.60 | 16.18 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 17.73 | -1.60 | 16.13 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.66 | -1.60 | 16.06 | <=33.01 | Pass    |         |
|                                          | 25     |        | 0      | 17.76 | -1.60 | 16.16 | <=33.01 | Pass    |         |
| 1907.5                                   | 1      |        | 0      | 17.69 | -1.60 | 16.09 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.55 | -1.60 | 15.95 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 17.76 | -1.60 | 16.16 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 17.59 | -1.60 | 15.99 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 17.55 | -1.60 | 15.95 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.60 | -1.60 | 16.00 | <=33.01 | Pass    |         |
|                                          | 25     |        | 0      | 17.61 | -1.60 | 16.01 | <=33.01 | Pass    |         |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |         |         |         |

#### 1.1.4 B2\_10MHz\_EIRP

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1855            | 1             | 0      | 22.46                 | -1.60      | 20.86      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.48                 | -1.60      | 20.88      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.60                 | -1.60      | 21.00      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.55                 | -1.60      | 19.95      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.57                 | -1.60      | 19.97      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.60                 | -1.60      | 20.00      | <=33.01 | Pass    |

|        |      |      |       |       |       |         |         |         |
|--------|------|------|-------|-------|-------|---------|---------|---------|
|        |      | 50   | 0     | 21.56 | -1.60 | 19.96   | <=33.01 | Pass    |
|        | 1880 | 1    | 0     | 22.72 | -1.60 | 21.12   | <=33.01 | Pass    |
|        |      |      | 25    | 22.57 | -1.60 | 20.97   | <=33.01 | Pass    |
|        |      |      | 49    | 22.62 | -1.60 | 21.02   | <=33.01 | Pass    |
|        |      |      | 0     | 21.79 | -1.60 | 20.19   | <=33.01 | Pass    |
|        |      | 13   | 21.78 | -1.60 | 20.18 | <=33.01 | Pass    |         |
|        |      | 25   | 21.76 | -1.60 | 20.16 | <=33.01 | Pass    |         |
|        | 50   | 0    | 21.78 | -1.60 | 20.18 | <=33.01 | Pass    |         |
|        | 1905 | 1    | 0     | 22.41 | -1.60 | 20.81   | <=33.01 | Pass    |
|        |      |      | 25    | 22.40 | -1.60 | 20.80   | <=33.01 | Pass    |
|        |      |      | 49    | 22.59 | -1.60 | 20.99   | <=33.01 | Pass    |
|        |      | 25   | 0     | 21.57 | -1.60 | 19.97   | <=33.01 | Pass    |
|        |      |      | 13    | 21.59 | -1.60 | 19.99   | <=33.01 | Pass    |
|        |      |      | 25    | 21.61 | -1.60 | 20.01   | <=33.01 | Pass    |
|        |      | 50   | 0     | 20.60 | -1.60 | 19.00   | <=33.01 | Pass    |
| 16QAM  |      | 1855 | 1     | 0     | 21.61 | -1.60   | 20.01   | <=33.01 |
|        | 25   |      |       | 21.65 | -1.60 | 20.05   | <=33.01 | Pass    |
|        | 49   |      |       | 21.69 | -1.60 | 20.09   | <=33.01 | Pass    |
|        | 25   |      | 0     | 20.56 | -1.60 | 18.96   | <=33.01 | Pass    |
|        |      |      | 13    | 20.41 | -1.60 | 18.81   | <=33.01 | Pass    |
|        |      |      | 25    | 20.48 | -1.60 | 18.88   | <=33.01 | Pass    |
|        | 50   |      | 0     | 20.57 | -1.60 | 18.97   | <=33.01 | Pass    |
|        | 1880 | 1    | 0     | 21.94 | -1.60 | 20.34   | <=33.01 | Pass    |
|        |      |      | 25    | 22.00 | -1.60 | 20.40   | <=33.01 | Pass    |
|        |      |      | 49    | 21.72 | -1.60 | 20.12   | <=33.01 | Pass    |
|        |      | 25   | 0     | 20.79 | -1.60 | 19.19   | <=33.01 | Pass    |
|        |      |      | 13    | 20.74 | -1.60 | 19.14   | <=33.01 | Pass    |
|        |      |      | 25    | 20.79 | -1.60 | 19.19   | <=33.01 | Pass    |
|        |      | 50   | 0     | 20.78 | -1.60 | 19.18   | <=33.01 | Pass    |
|        | 1905 | 1    | 0     | 20.78 | -1.60 | 19.18   | <=33.01 | Pass    |
|        |      |      | 25    | 20.80 | -1.60 | 19.20   | <=33.01 | Pass    |
|        |      |      | 49    | 20.76 | -1.60 | 19.16   | <=33.01 | Pass    |
|        |      | 25   | 0     | 19.58 | -1.60 | 17.98   | <=33.01 | Pass    |
|        |      |      | 13    | 19.53 | -1.60 | 17.93   | <=33.01 | Pass    |
|        |      |      | 25    | 19.53 | -1.60 | 17.93   | <=33.01 | Pass    |
|        |      | 50   | 0     | 19.65 | -1.60 | 18.05   | <=33.01 | Pass    |
| 64QAM  | 1855 | 1    | 0     | 20.52 | -1.60 | 18.92   | <=33.01 | Pass    |
|        |      |      | 25    | 20.47 | -1.60 | 18.87   | <=33.01 | Pass    |
|        |      |      | 49    | 20.79 | -1.60 | 19.19   | <=33.01 | Pass    |
|        |      | 25   | 0     | 19.55 | -1.60 | 17.95   | <=33.01 | Pass    |
|        |      |      | 13    | 19.55 | -1.60 | 17.95   | <=33.01 | Pass    |
|        |      |      | 25    | 19.46 | -1.60 | 17.86   | <=33.01 | Pass    |
|        |      | 50   | 0     | 19.58 | -1.60 | 17.98   | <=33.01 | Pass    |
|        | 1880 | 1    | 0     | 20.51 | -1.60 | 18.91   | <=33.01 | Pass    |
|        |      |      | 25    | 20.72 | -1.60 | 19.12   | <=33.01 | Pass    |
|        |      |      | 49    | 20.63 | -1.60 | 19.03   | <=33.01 | Pass    |
|        |      | 25   | 0     | 19.80 | -1.60 | 18.20   | <=33.01 | Pass    |
|        |      |      | 13    | 19.76 | -1.60 | 18.16   | <=33.01 | Pass    |
|        |      |      | 25    | 19.76 | -1.60 | 18.16   | <=33.01 | Pass    |
|        |      | 50   | 0     | 19.76 | -1.60 | 18.16   | <=33.01 | Pass    |
|        | 1905 | 1    | 0     | 19.60 | -1.60 | 18.00   | <=33.01 | Pass    |
|        |      |      | 25    | 19.70 | -1.60 | 18.10   | <=33.01 | Pass    |
|        |      |      | 49    | 19.80 | -1.60 | 18.20   | <=33.01 | Pass    |
|        |      | 25   | 0     | 19.55 | -1.60 | 17.95   | <=33.01 | Pass    |
|        |      |      | 13    | 19.58 | -1.60 | 17.98   | <=33.01 | Pass    |
|        |      |      | 25    | 19.58 | -1.60 | 17.98   | <=33.01 | Pass    |
|        |      | 50   | 0     | 19.59 | -1.60 | 17.99   | <=33.01 | Pass    |
| 256QAM | 1855 | 1    | 0     | 17.60 | -1.60 | 16.00   | <=33.01 | Pass    |
|        |      |      | 25    | 17.41 | -1.60 | 15.81   | <=33.01 | Pass    |

|  |                                          |      |    |       |       |       |         |         |
|--|------------------------------------------|------|----|-------|-------|-------|---------|---------|
|  |                                          | 25   | 49 | 17.75 | -1.60 | 16.15 | <=33.01 | Pass    |
|  |                                          |      | 0  | 17.52 | -1.60 | 15.92 | <=33.01 | Pass    |
|  |                                          |      | 13 | 17.52 | -1.60 | 15.92 | <=33.01 | Pass    |
|  |                                          |      | 25 | 17.58 | -1.60 | 15.98 | <=33.01 | Pass    |
|  |                                          | 50   | 0  | 17.53 | -1.60 | 15.93 | <=33.01 | Pass    |
|  | 1880                                     | 1    | 0  | 17.82 | -1.60 | 16.22 | <=33.01 | Pass    |
|  |                                          |      | 25 | 17.79 | -1.60 | 16.19 | <=33.01 | Pass    |
|  |                                          |      | 49 | 17.77 | -1.60 | 16.17 | <=33.01 | Pass    |
|  |                                          | 25   | 0  | 17.73 | -1.60 | 16.13 | <=33.01 | Pass    |
|  |                                          |      | 13 | 17.77 | -1.60 | 16.17 | <=33.01 | Pass    |
|  |                                          |      | 25 | 17.75 | -1.60 | 16.15 | <=33.01 | Pass    |
|  |                                          | 50   | 0  | 17.76 | -1.60 | 16.16 | <=33.01 | Pass    |
|  |                                          | 1905 | 1  | 0     | 17.66 | -1.60 | 16.06   | <=33.01 |
|  | 25                                       |      |    | 17.71 | -1.60 | 16.11 | <=33.01 | Pass    |
|  | 49                                       |      |    | 17.82 | -1.60 | 16.22 | <=33.01 | Pass    |
|  | 25                                       |      | 0  | 17.48 | -1.60 | 15.88 | <=33.01 | Pass    |
|  |                                          |      | 13 | 17.57 | -1.60 | 15.97 | <=33.01 | Pass    |
|  |                                          |      | 25 | 17.51 | -1.60 | 15.91 | <=33.01 | Pass    |
|  | 50                                       |      | 0  | 17.62 | -1.60 | 16.02 | <=33.01 | Pass    |
|  | Note1: EIRP=Conducted Power+Antenna Gain |      |    |       |       |       |         |         |

### 1.1.5 B2\_15MHz\_EIRP

| Band: 2 / Bandwidth: 15MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1857.5          | 1             | 0      | 22.33                 | -1.60      | 20.73      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.51                 | -1.60      | 20.91      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.71                 | -1.60      | 21.11      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.48                 | -1.60      | 19.88      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.54                 | -1.60      | 19.94      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.63                 | -1.60      | 20.03      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.59                 | -1.60      | 19.99      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 22.59                 | -1.60      | 20.99      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.68                 | -1.60      | 21.08      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.58                 | -1.60      | 20.98      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.75                 | -1.60      | 20.15      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.70                 | -1.60      | 20.10      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 22.49                 | -1.60      | 20.89      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.36                 | -1.60      | 20.76      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.60                 | -1.60      | 21.00      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.52                 | -1.60      | 19.92      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.52                 | -1.60      | 19.92      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.50                 | -1.60      | 19.90      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.50                 | -1.60      | 19.90      | <=33.01 | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | 21.87                 | -1.60      | 20.27      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.78                 | -1.60      | 20.18      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.87                 | -1.60      | 20.27      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.53                 | -1.60      | 18.93      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.55                 | -1.60      | 18.95      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.63                 | -1.60      | 19.03      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.62                 | -1.60      | 19.02      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.97                 | -1.60      | 20.37      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.99                 | -1.60      | 20.39      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.67                 | -1.60      | 20.07      | <=33.01 | Pass    |

|        |        |                                          |        |        |       |         |         |         |         |         |
|--------|--------|------------------------------------------|--------|--------|-------|---------|---------|---------|---------|---------|
|        |        | 36                                       | 0      | 20.78  | -1.60 | 19.18   | <=33.01 | Pass    |         |         |
|        |        |                                          | 18     | 20.74  | -1.60 | 19.14   | <=33.01 | Pass    |         |         |
|        |        |                                          | 39     | 20.62  | -1.60 | 19.02   | <=33.01 | Pass    |         |         |
|        |        | 75                                       | 0      | 20.76  | -1.60 | 19.16   | <=33.01 | Pass    |         |         |
|        | 1902.5 | 1                                        | 0      | 20.72  | -1.60 | 19.12   | <=33.01 | Pass    |         |         |
|        |        |                                          | 38     | 20.71  | -1.60 | 19.11   | <=33.01 | Pass    |         |         |
|        |        |                                          | 74     | 20.82  | -1.60 | 19.22   | <=33.01 | Pass    |         |         |
|        |        | 36                                       | 0      | 19.52  | -1.60 | 17.92   | <=33.01 | Pass    |         |         |
|        |        |                                          | 18     | 19.48  | -1.60 | 17.88   | <=33.01 | Pass    |         |         |
|        |        |                                          | 39     | 19.41  | -1.60 | 17.81   | <=33.01 | Pass    |         |         |
|        |        | 75                                       | 0      | 19.61  | -1.60 | 18.01   | <=33.01 | Pass    |         |         |
|        |        |                                          |        |        |       |         |         |         |         |         |
| 64QAM  | 1857.5 | 1                                        | 0      | 20.45  | -1.60 | 18.85   | <=33.01 | Pass    |         |         |
|        |        |                                          | 38     | 20.66  | -1.60 | 19.06   | <=33.01 | Pass    |         |         |
|        |        |                                          | 74     | 20.69  | -1.60 | 19.09   | <=33.01 | Pass    |         |         |
|        |        | 36                                       | 0      | 19.55  | -1.60 | 17.95   | <=33.01 | Pass    |         |         |
|        |        |                                          | 18     | 19.57  | -1.60 | 17.97   | <=33.01 | Pass    |         |         |
|        |        |                                          | 39     | 19.62  | -1.60 | 18.02   | <=33.01 | Pass    |         |         |
|        |        |                                          | 75     | 0      | 19.60 | -1.60   | 18.00   | <=33.01 | Pass    |         |
|        |        |                                          | 1880   | 1      | 0     | 20.77   | -1.60   | 19.17   | <=33.01 | Pass    |
|        |        |                                          |        |        | 38    | 20.75   | -1.60   | 19.15   | <=33.01 | Pass    |
|        | 74     | 20.67                                    |        |        | -1.60 | 19.07   | <=33.01 | Pass    |         |         |
|        | 36     | 0                                        |        | 19.79  | -1.60 | 18.19   | <=33.01 | Pass    |         |         |
|        |        | 18                                       |        | 19.73  | -1.60 | 18.13   | <=33.01 | Pass    |         |         |
|        |        | 39                                       |        | 19.73  | -1.60 | 18.13   | <=33.01 | Pass    |         |         |
|        | 75     | 0                                        | 19.74  | -1.60  | 18.14 | <=33.01 | Pass    |         |         |         |
|        | 1902.5 | 1                                        | 0      | 19.66  | -1.60 | 18.06   | <=33.01 | Pass    |         |         |
|        |        |                                          | 38     | 19.73  | -1.60 | 18.13   | <=33.01 | Pass    |         |         |
|        |        |                                          | 74     | 19.73  | -1.60 | 18.13   | <=33.01 | Pass    |         |         |
|        |        | 36                                       | 0      | 19.36  | -1.60 | 17.76   | <=33.01 | Pass    |         |         |
|        |        |                                          | 18     | 19.52  | -1.60 | 17.92   | <=33.01 | Pass    |         |         |
|        |        |                                          | 39     | 19.58  | -1.60 | 17.98   | <=33.01 | Pass    |         |         |
|        |        |                                          | 75     | 0      | 19.57 | -1.60   | 17.97   | <=33.01 | Pass    |         |
|        |        |                                          |        |        |       |         |         |         |         |         |
|        |        |                                          | 256QAM | 1857.5 | 1     | 0       | 17.65   | -1.60   | 16.05   | <=33.01 |
|        | 38     | 17.56                                    |        |        |       | -1.60   | 15.96   | <=33.01 | Pass    |         |
| 74     | 17.80  | -1.60                                    |        |        |       | 16.20   | <=33.01 | Pass    |         |         |
| 36     | 0      | 17.53                                    |        |        | -1.60 | 15.93   | <=33.01 | Pass    |         |         |
|        | 18     | 17.55                                    |        |        | -1.60 | 15.95   | <=33.01 | Pass    |         |         |
|        | 39     | 17.63                                    |        |        | -1.60 | 16.03   | <=33.01 | Pass    |         |         |
|        | 75     | 0                                        |        |        | 17.64 | -1.60   | 16.04   | <=33.01 | Pass    |         |
|        | 1880   | 1                                        |        |        | 0     | 17.80   | -1.60   | 16.20   | <=33.01 | Pass    |
|        |        |                                          |        |        | 38    | 17.80   | -1.60   | 16.20   | <=33.01 | Pass    |
| 74     |        |                                          |        | 17.79  | -1.60 | 16.19   | <=33.01 | Pass    |         |         |
| 36     |        | 0                                        |        | 17.58  | -1.60 | 15.98   | <=33.01 | Pass    |         |         |
|        |        | 18                                       |        | 17.71  | -1.60 | 16.11   | <=33.01 | Pass    |         |         |
|        |        | 39                                       |        | 17.69  | -1.60 | 16.09   | <=33.01 | Pass    |         |         |
| 75     | 0      | 17.74                                    |        | -1.60  | 16.14 | <=33.01 | Pass    |         |         |         |
| 1902.5 | 1      | 0                                        |        | 17.68  | -1.60 | 16.08   | <=33.01 | Pass    |         |         |
|        |        | 38                                       |        | 17.56  | -1.60 | 15.96   | <=33.01 | Pass    |         |         |
|        |        | 74                                       |        | 17.72  | -1.60 | 16.12   | <=33.01 | Pass    |         |         |
|        | 36     | 0                                        |        | 17.57  | -1.60 | 15.97   | <=33.01 | Pass    |         |         |
|        |        | 18                                       |        | 17.51  | -1.60 | 15.91   | <=33.01 | Pass    |         |         |
|        |        | 39                                       |        | 17.55  | -1.60 | 15.95   | <=33.01 | Pass    |         |         |
|        |        | 75                                       |        | 0      | 17.54 | -1.60   | 15.94   | <=33.01 | Pass    |         |
|        |        | Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |         |         |         |         |         |

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1860            | 1             | 0      | 22.71                 | -1.60      | 21.11      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.64                 | -1.60      | 21.04      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.85                 | -1.60      | 21.25      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.41                 | -1.60      | 19.81      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 21.64                 | -1.60      | 20.04      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.73                 | -1.60      | 20.13      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 21.67                 | -1.60      | 20.07      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.77                 | -1.60      | 21.17      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.68                 | -1.60      | 21.08      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.54                 | -1.60      | 20.94      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.81                 | -1.60      | 20.21      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 21.79                 | -1.60      | 20.19      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.72                 | -1.60      | 20.12      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 21.75                 | -1.60      | 20.15      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 19.64                 | -1.60      | 18.04      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.52                 | -1.60      | 17.92      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 19.65                 | -1.60      | 18.05      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 19.64                 | -1.60      | 18.04      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 19.53                 | -1.60      | 17.93      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.56                 | -1.60      | 17.96      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 19.59                 | -1.60      | 17.99      | <=33.01 | Pass    |
| 16QAM                            | 1860            | 1             | 0      | 21.57                 | -1.60      | 19.97      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.74                 | -1.60      | 20.14      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 21.07                 | -1.60      | 19.47      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 20.64                 | -1.60      | 19.04      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 20.65                 | -1.60      | 19.05      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.71                 | -1.60      | 19.11      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 20.68                 | -1.60      | 19.08      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.06                 | -1.60      | 20.46      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.82                 | -1.60      | 20.22      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 20.79                 | -1.60      | 19.19      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 20.83                 | -1.60      | 19.23      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 20.79                 | -1.60      | 19.19      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.71                 | -1.60      | 18.11      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 19.74                 | -1.60      | 18.14      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 19.79                 | -1.60      | 18.19      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.65                 | -1.60      | 18.05      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 19.92                 | -1.60      | 18.32      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 19.59                 | -1.60      | 17.99      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 19.59                 | -1.60      | 17.99      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.55                 | -1.60      | 17.95      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 19.47                 | -1.60      | 17.87      | <=33.01 | Pass    |
| 64QAM                            | 1860            | 1             | 0      | 20.66                 | -1.60      | 19.06      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.47                 | -1.60      | 18.87      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 20.91                 | -1.60      | 19.31      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 19.62                 | -1.60      | 18.02      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 19.65                 | -1.60      | 18.05      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.71                 | -1.60      | 18.11      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 19.66                 | -1.60      | 18.06      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 19.83                 | -1.60      | 18.23      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.85                 | -1.60      | 18.25      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 19.54                 | -1.60      | 17.94      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 19.83                 | -1.60      | 18.23      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 19.77                 | -1.60      | 18.17      | <=33.01 | Pass    |

|                                          |        |      |       |       |       |         |         |         |
|------------------------------------------|--------|------|-------|-------|-------|---------|---------|---------|
|                                          |        |      | 50    | 19.71 | -1.60 | 18.11   | <=33.01 | Pass    |
|                                          |        | 100  | 0     | 19.73 | -1.60 | 18.13   | <=33.01 | Pass    |
|                                          | 1900   | 1    | 0     | 19.77 | -1.60 | 18.17   | <=33.01 | Pass    |
|                                          |        |      | 50    | 19.27 | -1.60 | 17.67   | <=33.01 | Pass    |
|                                          |        |      | 99    | 19.81 | -1.60 | 18.21   | <=33.01 | Pass    |
|                                          |        | 50   | 0     | 19.60 | -1.60 | 18.00   | <=33.01 | Pass    |
|                                          |        |      | 25    | 19.59 | -1.60 | 17.99   | <=33.01 | Pass    |
|                                          |        |      | 50    | 19.54 | -1.60 | 17.94   | <=33.01 | Pass    |
|                                          | 100    | 0    | 19.53 | -1.60 | 17.93 | <=33.01 | Pass    |         |
|                                          | 256QAM | 1860 | 1     | 0     | 17.52 | -1.60   | 15.92   | <=33.01 |
| 50                                       |        |      |       | 17.71 | -1.60 | 16.11   | <=33.01 | Pass    |
| 99                                       |        |      |       | 17.98 | -1.60 | 16.38   | <=33.01 | Pass    |
| 50                                       |        |      | 0     | 17.55 | -1.60 | 15.95   | <=33.01 | Pass    |
|                                          |        |      | 25    | 17.61 | -1.60 | 16.01   | <=33.01 | Pass    |
|                                          |        |      | 50    | 17.70 | -1.60 | 16.10   | <=33.01 | Pass    |
| 100                                      |        |      | 0     | 17.65 | -1.60 | 16.05   | <=33.01 | Pass    |
| 1880                                     |        | 1    | 0     | 17.49 | -1.60 | 15.89   | <=33.01 | Pass    |
|                                          |        |      | 50    | 17.83 | -1.60 | 16.23   | <=33.01 | Pass    |
|                                          |        |      | 99    | 17.75 | -1.60 | 16.15   | <=33.01 | Pass    |
|                                          |        | 50   | 0     | 17.74 | -1.60 | 16.14   | <=33.01 | Pass    |
|                                          |        |      | 25    | 17.73 | -1.60 | 16.13   | <=33.01 | Pass    |
|                                          |        |      | 50    | 17.69 | -1.60 | 16.09   | <=33.01 | Pass    |
|                                          |        | 100  | 0     | 17.68 | -1.60 | 16.08   | <=33.01 | Pass    |
| 1900                                     |        | 1    | 0     | 17.67 | -1.60 | 16.07   | <=33.01 | Pass    |
|                                          |        |      | 50    | 17.65 | -1.60 | 16.05   | <=33.01 | Pass    |
|                                          |        |      | 99    | 17.80 | -1.60 | 16.20   | <=33.01 | Pass    |
|                                          |        | 50   | 0     | 17.20 | -1.60 | 15.60   | <=33.01 | Pass    |
|                                          |        |      | 25    | 17.53 | -1.60 | 15.93   | <=33.01 | Pass    |
|                                          |        |      | 50    | 17.48 | -1.60 | 15.88   | <=33.01 | Pass    |
|                                          |        | 100  | 0     | 17.55 | -1.60 | 15.95   | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |        |      |       |       |       |         |         |         |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1850.7          | 6             | 0      | 20         | 3.60          | 3.600            | 0.0019                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.91          | 7.100            | 0.0038                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.50          | 4.400            | 0.0024                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.91          | -5.200           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.91          | -10.300          | -0.0056               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.91          | 4.500            | 0.0024                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.91          | -9.000           | -0.0049               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.91          | -1.100           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.91          | -13.100          | -0.0071               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.91          | 4.300            | 0.0023                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.91          | 3.700            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.60          | 8.800            | 0.0047                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.91          | 4.500            | 0.0024                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.50          | -4.800           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.91          | -7.300           | -0.0039               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
|       |        |   |   | -20 | 3.91 | 12.200  | 0.0065  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | -4.200  | -0.0022 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | 10.100  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | 8.700   | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.91 | -2.600  | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.91 | 8.200   | 0.0044  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.91 | -8.900  | -0.0047 | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.60 | -1.100  | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.91 | -3.600  | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.50 | 26.300  | 0.0138  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.91 | 4.200   | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.91 | -2.700  | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | 9.600   | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | -5.600  | -0.0029 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | -11.400 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.91 | -8.800  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.91 | -10.600 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.91 | -16.400 | -0.0086 | -2.5 to 2.5 | Pass |
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.60 | 9.500   | 0.0051  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.91 | -4.800  | -0.0026 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.50 | 9.600   | 0.0052  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.91 | -3.300  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.91 | -0.800  | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | -4.700  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | 6.300   | 0.0034  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | -6.400  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.91 | 3.700   | 0.0020  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.91 | 4.300   | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.91 | 2.800   | 0.0015  | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.60 | 8.600   | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.91 | 10.100  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.50 | 7.800   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.91 | -11.500 | -0.0061 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.91 | -13.000 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | 5.700   | 0.0030  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | -1.700  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | 8.300   | 0.0044  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.91 | 5.900   | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.91 | -7.400  | -0.0039 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.91 | 4.000   | 0.0021  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.60 | -18.800 | -0.0098 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.91 | -3.100  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.50 | -3.800  | -0.0020 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.91 | -18.400 | -0.0096 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.91 | -14.000 | -0.0073 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | -1.800  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | -15.300 | -0.0080 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | -1.200  | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.91 | 1.900   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.91 | -0.200  | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.91 | -3.000  | -0.0016 | -2.5 to 2.5 | Pass |
| 64QAM | 1850.7 | 6 | 0 | 20  | 3.60 | -3.200  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.91 | 6.100   | 0.0033  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.50 | -4.500  | -0.0024 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.91 | 7.400   | 0.0040  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.91 | -6.800  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.91 | 7.600   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.91 | 8.500   | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.91 | -4.300  | -0.0023 | -2.5 to 2.5 | Pass |

|        |        |   |   |     |      |         |         |             |      |
|--------|--------|---|---|-----|------|---------|---------|-------------|------|
|        |        |   |   | 30  | 3.91 | -5.700  | -0.0031 | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | -7.700  | -0.0042 | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | 7.400   | 0.0040  | -2.5 to 2.5 | Pass |
|        | 1880   | 6 | 0 | 20  | 3.60 | -10.400 | -0.0055 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 3.91 | -10.700 | -0.0057 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 4.50 | 8.400   | 0.0045  | -2.5 to 2.5 | Pass |
|        |        |   |   | -30 | 3.91 | 6.200   | 0.0033  | -2.5 to 2.5 | Pass |
|        |        |   |   | -20 | 3.91 | 7.900   | 0.0042  | -2.5 to 2.5 | Pass |
|        |        |   |   | -10 | 3.91 | 8.500   | 0.0045  | -2.5 to 2.5 | Pass |
|        |        |   |   | 0   | 3.91 | 9.500   | 0.0051  | -2.5 to 2.5 | Pass |
|        |        |   |   | 10  | 3.91 | 8.600   | 0.0046  | -2.5 to 2.5 | Pass |
|        |        |   |   | 30  | 3.91 | -1.200  | -0.0006 | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | -7.000  | -0.0037 | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | 7.100   | 0.0038  | -2.5 to 2.5 | Pass |
|        | 1909.3 | 6 | 0 | 20  | 3.60 | -3.600  | -0.0019 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 3.91 | 8.200   | 0.0043  | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 4.50 | -5.600  | -0.0029 | -2.5 to 2.5 | Pass |
|        |        |   |   | -30 | 3.91 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|        |        |   |   | -20 | 3.91 | -5.000  | -0.0026 | -2.5 to 2.5 | Pass |
|        |        |   |   | -10 | 3.91 | 4.800   | 0.0025  | -2.5 to 2.5 | Pass |
|        |        |   |   | 0   | 3.91 | 11.600  | 0.0061  | -2.5 to 2.5 | Pass |
|        |        |   |   | 10  | 3.91 | -3.300  | -0.0017 | -2.5 to 2.5 | Pass |
|        |        |   |   | 30  | 3.91 | 10.300  | 0.0054  | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | -7.900  | -0.0041 | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | 8.100   | 0.0042  | -2.5 to 2.5 | Pass |
| 256QAM | 1850.7 | 6 | 0 | 20  | 3.60 | -11.500 | -0.0062 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 3.91 | -11.700 | -0.0063 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 4.50 | -8.000  | -0.0043 | -2.5 to 2.5 | Pass |
|        |        |   |   | -30 | 3.91 | -13.100 | -0.0071 | -2.5 to 2.5 | Pass |
|        |        |   |   | -20 | 3.91 | -5.300  | -0.0029 | -2.5 to 2.5 | Pass |
|        |        |   |   | -10 | 3.91 | 1.000   | 0.0005  | -2.5 to 2.5 | Pass |
|        |        |   |   | 0   | 3.91 | 11.600  | 0.0063  | -2.5 to 2.5 | Pass |
|        |        |   |   | 10  | 3.91 | -5.200  | -0.0028 | -2.5 to 2.5 | Pass |
|        |        |   |   | 30  | 3.91 | 4.900   | 0.0026  | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | 6.300   | 0.0034  | -2.5 to 2.5 | Pass |
|        | 1880   | 6 | 0 | 20  | 3.60 | 6.600   | 0.0035  | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 3.91 | -7.900  | -0.0042 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 4.50 | 6.400   | 0.0034  | -2.5 to 2.5 | Pass |
|        |        |   |   | -30 | 3.91 | 6.300   | 0.0034  | -2.5 to 2.5 | Pass |
|        |        |   |   | -20 | 3.91 | -3.600  | -0.0019 | -2.5 to 2.5 | Pass |
|        |        |   |   | -10 | 3.91 | 8.300   | 0.0044  | -2.5 to 2.5 | Pass |
|        |        |   |   | 0   | 3.91 | -1.500  | -0.0008 | -2.5 to 2.5 | Pass |
|        |        |   |   | 10  | 3.91 | -8.200  | -0.0044 | -2.5 to 2.5 | Pass |
|        |        |   |   | 30  | 3.91 | -7.000  | -0.0037 | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | 6.800   | 0.0036  | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | 0.400   | 0.0002  | -2.5 to 2.5 | Pass |
|        | 1909.3 | 6 | 0 | 20  | 3.60 | -1.600  | -0.0008 | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 3.91 | 7.800   | 0.0041  | -2.5 to 2.5 | Pass |
|        |        |   |   |     | 4.50 | -4.000  | -0.0021 | -2.5 to 2.5 | Pass |
|        |        |   |   | -30 | 3.91 | -4.000  | -0.0021 | -2.5 to 2.5 | Pass |
|        |        |   |   | -20 | 3.91 | -8.700  | -0.0046 | -2.5 to 2.5 | Pass |
|        |        |   |   | -10 | 3.91 | 4.200   | 0.0022  | -2.5 to 2.5 | Pass |
|        |        |   |   | 0   | 3.91 | 2.600   | 0.0014  | -2.5 to 2.5 | Pass |
|        |        |   |   | 10  | 3.91 | -9.000  | -0.0047 | -2.5 to 2.5 | Pass |
|        |        |   |   | 30  | 3.91 | -16.200 | -0.0085 | -2.5 to 2.5 | Pass |
|        |        |   |   | 40  | 3.91 | -15.900 | -0.0083 | -2.5 to 2.5 | Pass |
|        |        |   |   | 50  | 3.91 | -14.300 | -0.0075 | -2.5 to 2.5 | Pass |

## 2.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1851.5          | 15            | 0      | 20         | 3.60          | 49.900           | 0.0270                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | 31.000           | 0.0167                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 24.500           | 0.0132                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | 17.000           | 0.0092                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | 30.000           | 0.0162                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | 22.600           | 0.0122                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 22.100           | 0.0119                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 6.000            | 0.0032                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | 14.400           | 0.0078                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.60          | 0.300            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | -18.600          | -0.0099               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | -16.600          | -0.0088               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | -15.100          | -0.0080               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | -13.000          | -0.0069               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | -13.500          | -0.0072               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | -15.700          | -0.0084               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -13.400          | -0.0071               | -2.5 to 2.5 | Pass    |
|                           | 1908.5          | 15            | 0      | 20         | 3.60          | -16.200          | -0.0085               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | -13.600          | -0.0071               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 1.700            | 0.0009                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | 5.000            | 0.0026                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | 7.300            | 0.0038                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | 15.900           | 0.0083                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 17.900           | 0.0094                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 2.000            | 0.0010                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | 15.300           | 0.0080                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | 1.400            | 0.0007                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -2.600           | -0.0014               | -2.5 to 2.5 | Pass    |
| 16QAM                     | 1851.5          | 15            | 0      | 20         | 3.60          | -13.200          | -0.0071               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | 7.300            | 0.0039                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 9.800            | 0.0053                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | -1.700           | -0.0009               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | -2.800           | -0.0015               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | -4.600           | -0.0025               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 8.100            | 0.0044                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 3.200            | 0.0017                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | -10.100          | -0.0055               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | -2.100           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -16.700          | -0.0090               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.60          | -10.300          | -0.0055               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | 2.400            | 0.0013                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 1.000            | 0.0005                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | -11.600          | -0.0062               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | -16.300          | -0.0087               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | 6.000            | 0.0032                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | -13.000          | -0.0069               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 0.800            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | 3.400            | 0.0018                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | -6.400           | -0.0034               | -2.5 to 2.5 | Pass    |

|        |        |    |   |     |      |         |         |             |      |
|--------|--------|----|---|-----|------|---------|---------|-------------|------|
|        | 1908.5 | 15 | 0 | 50  | 3.91 | -10.300 | -0.0055 | -2.5 to 2.5 | Pass |
|        |        |    |   | 20  | 3.60 | -4.400  | -0.0023 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -1.700  | -0.0009 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 8.800   | 0.0046  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 7.100   | 0.0037  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -8.200  | -0.0043 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 4.400   | 0.0023  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -11.500 | -0.0060 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 8.500   | 0.0045  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | 2.800   | 0.0015  | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -13.700 | -0.0072 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -12.800 | -0.0067 | -2.5 to 2.5 | Pass |
| 64QAM  | 1851.5 | 15 | 0 | 20  | 3.60 | -7.900  | -0.0043 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 3.400   | 0.0018  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | -8.300  | -0.0045 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 19.200  | 0.0104  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 19.100  | 0.0103  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 7.700   | 0.0042  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 6.800   | 0.0037  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -5.100  | -0.0028 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -6.700  | -0.0036 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -1.500  | -0.0008 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -1.500  | -0.0008 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | 5.000   | 0.0027  | -2.5 to 2.5 | Pass |
|        | 1880   | 15 | 0 | 20  | 3.91 | 15.300  | 0.0081  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 15.000  | 0.0080  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 16.400  | 0.0087  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 7.000   | 0.0037  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 21.100  | 0.0112  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 3.400   | 0.0018  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 10.900  | 0.0058  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -1.400  | -0.0007 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -6.800  | -0.0036 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | 12.000  | 0.0064  | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | 7.800   | 0.0041  | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | 9.100   | 0.0048  | -2.5 to 2.5 | Pass |
|        | 1908.5 | 15 | 0 | 20  | 4.50 | 10.400  | 0.0054  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -11.900 | -0.0062 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -7.500  | -0.0039 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 7.200   | 0.0038  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -1.300  | -0.0007 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -6.000  | -0.0031 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 10.300  | 0.0054  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -8.400  | -0.0044 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 1.700   | 0.0009  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -7.400  | -0.0040 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -44.400 | -0.0240 | -2.5 to 2.5 | Pass |
| 256QAM | 1851.5 | 15 | 0 | 20  | 3.91 | -9.300  | -0.0050 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -22.900 | -0.0124 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -27.300 | -0.0147 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -5.900  | -0.0032 | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -2.800  | -0.0015 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -6.900  | -0.0037 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -17.400 | -0.0094 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -0.900  | -0.0005 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 11.600  | 0.0062  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -7.400  | -0.0039 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -6.200  | -0.0033 | -2.5 to 2.5 | Pass |
|        | 1880   | 15 | 0 | 20  | 3.60 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -7.400  | -0.0040 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | -6.200  | -0.0033 | -2.5 to 2.5 | Pass |
|        |        |    |   | 20  | 3.60 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -7.400  | -0.0040 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | -6.200  | -0.0033 | -2.5 to 2.5 | Pass |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | -30 | 3.91 | -27.800 | -0.0148 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.91 | 35.600  | 0.0189  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.91 | -8.300  | -0.0044 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.91 | 0.600   | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.91 | 2.500   | 0.0013  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.91 | 22.300  | 0.0119  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.91 | -12.800 | -0.0068 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.91 | -22.200 | -0.0118 | -2.5 to 2.5 | Pass |
|  | 1908.5 | 15 | 0 | 20  | 3.60 | 11.400  | 0.0060  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.91 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.50 | 14.800  | 0.0078  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.91 | -6.000  | -0.0031 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.91 | 13.000  | 0.0068  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.91 | 7.600   | 0.0040  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.91 | -27.400 | -0.0144 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.91 | -5.200  | -0.0027 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.91 | -39.500 | -0.0207 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.91 | -6.800  | -0.0036 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.91 | 6.800   | 0.0036  | -2.5 to 2.5 | Pass |

### 2.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1852.5          | 25            | 0      | 20         | 3.60          | 4.800            | 0.0026                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | 7.500            | 0.0040                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | 0.400            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | -1.500           | -0.0008               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | -8.700           | -0.0047               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 5.600            | 0.0030                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 3.000            | 0.0016                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | -9.700           | -0.0052               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | 6.300            | 0.0034                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -12.600          | -0.0068               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 25            | 0      | 20         | 3.60          | -16.800          | -0.0089               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | 7.300            | 0.0039                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 2.700            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | 7.900            | 0.0042                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | -8.900           | -0.0047               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | -10.700          | -0.0057               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 10.800           | 0.0057                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | -8.200           | -0.0044               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | 7.500            | 0.0040                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | -8.000           | -0.0043               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.91          | -8.600           | -0.0046               | -2.5 to 2.5 | Pass    |
|                           | 1907.5          | 25            | 0      | 20         | 3.60          | 10.300           | 0.0054                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.91          | -2.900           | -0.0015               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.50          | 2.600            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.91          | 10.100           | 0.0053                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.91          | 11.300           | 0.0059                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.91          | 14.400           | 0.0075                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.91          | 14.300           | 0.0075                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.91          | 5.100            | 0.0027                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.91          | 7.500            | 0.0039                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.91          | 5.100            | 0.0027                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |             |
|-------|--------|----|---|-----|------|---------|---------|-------------|-------------|
|       |        |    |   | 50  | 3.91 | 6.100   | 0.0032  | -2.5 to 2.5 | Pass        |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.60 | 2.800   | 0.0015  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | 5.500   | 0.0030  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | -6.100  | -0.0033 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | -30  | 3.91    | 9.000   | 0.0049      | -2.5 to 2.5 |
|       |        |    |   | -20 | 3.91 | -5.700  | -0.0031 | -2.5 to 2.5 | Pass        |
|       |        |    |   | -10 | 3.91 | 8.100   | 0.0044  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 0   | 3.91 | -1.000  | -0.0005 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 10  | 3.91 | -2.200  | -0.0012 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 30  | 3.91 | -1.500  | -0.0008 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 40  | 3.91 | -3.600  | -0.0019 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 50  | 3.91 | -1.400  | -0.0008 | -2.5 to 2.5 | Pass        |
|       | 1880   | 25 | 0 | 20  | 3.60 | 3.200   | 0.0017  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | 6.300   | 0.0034  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | 10.300  | 0.0055  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | -30  | 3.91    | 9.500   | 0.0051      | -2.5 to 2.5 |
|       |        |    |   | -20 | 3.91 | 5.700   | 0.0030  | -2.5 to 2.5 | Pass        |
|       |        |    |   | -10 | 3.91 | -1.000  | -0.0005 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 0   | 3.91 | -0.900  | -0.0005 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 10  | 3.91 | 2.700   | 0.0014  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 30  | 3.91 | 7.300   | 0.0039  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 40  | 3.91 | 2.700   | 0.0014  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 50  | 3.91 | -12.500 | -0.0066 | -2.5 to 2.5 | Pass        |
|       | 1907.5 | 25 | 0 | 20  | 3.60 | -10.800 | -0.0057 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | 7.700   | 0.0040  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | -5.900  | -0.0031 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | -30  | 3.91    | 5.700   | 0.0030      | -2.5 to 2.5 |
|       |        |    |   | -20 | 3.91 | -11.200 | -0.0059 | -2.5 to 2.5 | Pass        |
|       |        |    |   | -10 | 3.91 | -6.200  | -0.0033 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 0   | 3.91 | 8.000   | 0.0042  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 10  | 3.91 | 6.600   | 0.0035  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 30  | 3.91 | -7.900  | -0.0041 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 40  | 3.91 | 9.800   | 0.0051  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 50  | 3.91 | 3.300   | 0.0017  | -2.5 to 2.5 | Pass        |
| 64QAM | 1852.5 | 25 | 0 | 20  | 3.60 | 4.500   | 0.0024  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | -2.700  | -0.0015 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | -10.800 | -0.0058 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | -30  | 3.91    | -8.700  | -0.0047     | -2.5 to 2.5 |
|       |        |    |   | -20 | 3.91 | 5.900   | 0.0032  | -2.5 to 2.5 | Pass        |
|       |        |    |   | -10 | 3.91 | -10.500 | -0.0057 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 0   | 3.91 | 2.300   | 0.0012  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 10  | 3.91 | -9.000  | -0.0049 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 30  | 3.91 | 7.500   | 0.0040  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 40  | 3.91 | 5.900   | 0.0032  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 50  | 3.91 | -8.200  | -0.0044 | -2.5 to 2.5 | Pass        |
|       | 1880   | 25 | 0 | 20  | 3.60 | -3.900  | -0.0021 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | -4.300  | -0.0023 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | 9.000   | 0.0048  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | -30  | 3.91    | 3.700   | 0.0020      | -2.5 to 2.5 |
|       |        |    |   | -20 | 3.91 | 0.100   | 0.0001  | -2.5 to 2.5 | Pass        |
|       |        |    |   | -10 | 3.91 | -9.000  | -0.0048 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 0   | 3.91 | 1.900   | 0.0010  | -2.5 to 2.5 | Pass        |
|       |        |    |   | 10  | 3.91 | -7.100  | -0.0038 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 30  | 3.91 | -8.500  | -0.0045 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 40  | 3.91 | -4.200  | -0.0022 | -2.5 to 2.5 | Pass        |
|       |        |    |   | 50  | 3.91 | -6.900  | -0.0037 | -2.5 to 2.5 | Pass        |
|       | 1907.5 | 25 | 0 | 20  | 3.60 | -0.700  | -0.0004 | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 3.91 | 2.900   | 0.0015  | -2.5 to 2.5 | Pass        |
|       |        |    |   |     | 4.50 | 12.600  | 0.0066  | -2.5 to 2.5 | Pass        |

|        |        |    |   |     |      |         |         |             |      |
|--------|--------|----|---|-----|------|---------|---------|-------------|------|
|        |        |    |   | -30 | 3.91 | 10.400  | 0.0055  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -7.900  | -0.0041 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -4.600  | -0.0024 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | 5.100   | 0.0027  | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -5.400  | -0.0028 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | 13.300  | 0.0070  | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -7.100  | -0.0037 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -7.100  | -0.0037 | -2.5 to 2.5 | Pass |
| 256QAM | 1852.5 | 25 | 0 | 20  | 3.60 | -2.600  | -0.0014 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -1.600  | -0.0009 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 6.900   | 0.0037  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -8.800  | -0.0048 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 3.300   | 0.0018  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -15.400 | -0.0083 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -12.900 | -0.0070 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 6.500   | 0.0035  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -7.500  | -0.0040 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -7.000  | -0.0038 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -6.300  | -0.0034 | -2.5 to 2.5 | Pass |
|        | 1880   | 25 | 0 | 20  | 3.60 | 0.100   | 0.0001  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -7.900  | -0.0042 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 5.900   | 0.0031  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -7.100  | -0.0038 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -12.700 | -0.0068 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 1.400   | 0.0007  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -0.600  | -0.0003 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -19.600 | -0.0104 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -1.300  | -0.0007 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -12.700 | -0.0068 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -13.400 | -0.0071 | -2.5 to 2.5 | Pass |
|        | 1907.5 | 25 | 0 | 20  | 3.60 | -8.800  | -0.0046 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 12.900  | 0.0068  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 6.500   | 0.0034  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -11.500 | -0.0060 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -6.300  | -0.0033 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -5.800  | -0.0030 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | 8.500   | 0.0045  | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 6.900   | 0.0036  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -8.800  | -0.0046 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | 2.300   | 0.0012  | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -15.300 | -0.0080 | -2.5 to 2.5 | Pass |

## 2.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1855            | 50            | 0      | 20         | 3.60          | -5.600           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 8.100            | 0.0044                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | -14.900          | -0.0080               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | -8.300           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | 6.500            | 0.0035                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | -10.600          | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | -8.600           | -0.0046               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | 8.700            | 0.0047                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -13.800          | -0.0074               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | 0.200            | 0.0001                | -2.5 to 2.5 | Pass    |

|       |      |        |         |             |             |         |             |             |             |
|-------|------|--------|---------|-------------|-------------|---------|-------------|-------------|-------------|
|       |      |        |         | 50          | 3.91        | -2.400  | -0.0013     | -2.5 to 2.5 | Pass        |
|       | 1880 | 50     | 0       | 20          | 3.60        | 8.100   | 0.0043      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | -1.300  | -0.0007     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | -7.500  | -0.0040     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | -30         | 3.91    | -5.300      | -0.0028     | -2.5 to 2.5 |
|       |      |        |         | -20         | 3.91        | 11.600  | 0.0062      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -10         | 3.91        | -4.600  | -0.0024     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 0           | 3.91        | 0.700   | 0.0004      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 10          | 3.91        | -7.300  | -0.0039     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 30          | 3.91        | 5.000   | 0.0027      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 40          | 3.91        | 9.400   | 0.0050      | -2.5 to 2.5 | Pass        |
|       | 50   | 3.91   | 4.500   | 0.0024      | -2.5 to 2.5 | Pass    |             |             |             |
|       | 1905 | 50     | 0       | 20          | 3.60        | 11.500  | 0.0060      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | -4.400  | -0.0023     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | 10.100  | 0.0053      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -30         | 3.91        | -2.300  | -0.0012     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -20         | 3.91        | 7.400   | 0.0039      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -10         | 3.91        | -7.400  | -0.0039     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 0           | 3.91        | 10.300  | 0.0054      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 10          | 3.91        | 1.900   | 0.0010      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 30          | 3.91        | 1.900   | 0.0010      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 40          | 3.91        | 7.100   | 0.0037      | -2.5 to 2.5 | Pass        |
| 50    | 3.91 | -7.000 | -0.0037 | -2.5 to 2.5 | Pass        |         |             |             |             |
| 16QAM | 1855 | 50     | 0       | 20          | 3.60        | 3.100   | 0.0017      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | 2.300   | 0.0012      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | -12.300 | -0.0066     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -30         | 3.91        | 5.300   | 0.0029      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -20         | 3.91        | -6.100  | -0.0033     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -10         | 3.91        | -10.900 | -0.0059     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 0           | 3.91        | -2.300  | -0.0012     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 10          | 3.91        | -10.000 | -0.0054     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 30          | 3.91        | 5.200   | 0.0028      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 40          | 3.91        | 8.100   | 0.0044      | -2.5 to 2.5 | Pass        |
|       | 50   | 3.91   | -5.800  | -0.0031     | -2.5 to 2.5 | Pass    |             |             |             |
|       | 1880 | 50     | 0       | 20          | 3.60        | 15.000  | 0.0080      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | 9.600   | 0.0051      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | -1.700  | -0.0009     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -30         | 3.91        | 13.200  | 0.0070      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -20         | 3.91        | 7.100   | 0.0038      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -10         | 3.91        | 8.500   | 0.0045      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 0           | 3.91        | -4.600  | -0.0024     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 10          | 3.91        | -3.900  | -0.0021     | -2.5 to 2.5 | Pass        |
|       |      |        |         | 30          | 3.91        | 10.800  | 0.0057      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 40          | 3.91        | -7.000  | -0.0037     | -2.5 to 2.5 | Pass        |
|       | 50   | 3.91   | 1.000   | 0.0005      | -2.5 to 2.5 | Pass    |             |             |             |
|       | 1905 | 50     | 0       | 20          | 3.60        | -4.400  | -0.0023     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | 4.200   | 0.0022      | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | -0.900  | -0.0005     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -30         | 3.91        | -1.700  | -0.0009     | -2.5 to 2.5 | Pass        |
|       |      |        |         | -20         | 3.91        | 1.900   | 0.0010      | -2.5 to 2.5 | Pass        |
|       |      |        |         | -10         | 3.91        | 11.000  | 0.0058      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 0           | 3.91        | 4.100   | 0.0022      | -2.5 to 2.5 | Pass        |
|       |      |        |         | 10          | 3.91        | -12.800 | -0.0067     | -2.5 to 2.5 | Pass        |
| 30    |      |        |         | 3.91        | -5.700      | -0.0030 | -2.5 to 2.5 | Pass        |             |
| 40    |      |        |         | 3.91        | -6.500      | -0.0034 | -2.5 to 2.5 | Pass        |             |
| 50    | 3.91 | 5.700  | 0.0030  | -2.5 to 2.5 | Pass        |         |             |             |             |
| 64QAM | 1855 | 50     | 0       | 20          | 3.60        | -5.000  | -0.0027     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 3.91        | -3.500  | -0.0019     | -2.5 to 2.5 | Pass        |
|       |      |        |         |             | 4.50        | -19.100 | -0.0103     | -2.5 to 2.5 | Pass        |

|        |      |    |   |     |      |         |         |             |      |
|--------|------|----|---|-----|------|---------|---------|-------------|------|
|        |      |    |   | -30 | 3.91 | -13.200 | -0.0071 | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | -12.900 | -0.0070 | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | -17.800 | -0.0096 | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | -11.100 | -0.0060 | -2.5 to 2.5 | Pass |
|        |      |    |   | 10  | 3.91 | 6.900   | 0.0037  | -2.5 to 2.5 | Pass |
|        |      |    |   | 30  | 3.91 | -12.800 | -0.0069 | -2.5 to 2.5 | Pass |
|        |      |    |   | 40  | 3.91 | 2.800   | 0.0015  | -2.5 to 2.5 | Pass |
|        |      |    |   | 50  | 3.91 | -2.700  | -0.0015 | -2.5 to 2.5 | Pass |
|        | 1880 | 50 | 0 | 20  | 3.60 | 4.000   | 0.0021  | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 3.91 | 6.200   | 0.0033  | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 4.50 | 12.300  | 0.0065  | -2.5 to 2.5 | Pass |
|        |      |    |   | -30 | 3.91 | 8.000   | 0.0043  | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | 0.800   | 0.0004  | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | 7.600   | 0.0040  | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | -2.300  | -0.0012 | -2.5 to 2.5 | Pass |
|        |      |    |   | 10  | 3.91 | -3.500  | -0.0019 | -2.5 to 2.5 | Pass |
|        |      |    |   | 30  | 3.91 | -11.100 | -0.0059 | -2.5 to 2.5 | Pass |
|        |      |    |   | 40  | 3.91 | -10.100 | -0.0054 | -2.5 to 2.5 | Pass |
|        |      |    |   | 50  | 3.91 | -7.200  | -0.0038 | -2.5 to 2.5 | Pass |
|        | 1905 | 50 | 0 | 20  | 3.60 | -12.000 | -0.0063 | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 3.91 | 9.700   | 0.0051  | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 4.50 | 12.400  | 0.0065  | -2.5 to 2.5 | Pass |
|        |      |    |   | -30 | 3.91 | -1.100  | -0.0006 | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | 14.000  | 0.0073  | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | 8.700   | 0.0046  | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | -23.600 | -0.0124 | -2.5 to 2.5 | Pass |
|        |      |    |   | 10  | 3.91 | 6.500   | 0.0034  | -2.5 to 2.5 | Pass |
|        |      |    |   | 30  | 3.91 | -8.200  | -0.0043 | -2.5 to 2.5 | Pass |
|        |      |    |   | 40  | 3.91 | 8.100   | 0.0043  | -2.5 to 2.5 | Pass |
|        |      |    |   | 50  | 3.91 | -6.500  | -0.0034 | -2.5 to 2.5 | Pass |
| 256QAM | 1855 | 50 | 0 | 20  | 3.60 | 1.300   | 0.0007  | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 3.91 | -4.700  | -0.0025 | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 4.50 | -8.100  | -0.0044 | -2.5 to 2.5 | Pass |
|        |      |    |   | -30 | 3.91 | -5.900  | -0.0032 | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | -7.400  | -0.0040 | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | -5.100  | -0.0027 | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | -5.600  | -0.0030 | -2.5 to 2.5 | Pass |
|        |      |    |   | 10  | 3.91 | -6.300  | -0.0034 | -2.5 to 2.5 | Pass |
|        |      |    |   | 30  | 3.91 | -2.100  | -0.0011 | -2.5 to 2.5 | Pass |
|        |      |    |   | 40  | 3.91 | 3.900   | 0.0021  | -2.5 to 2.5 | Pass |
|        |      |    |   | 50  | 3.91 | 12.700  | 0.0068  | -2.5 to 2.5 | Pass |
|        | 1880 | 50 | 0 | 20  | 3.60 | -10.000 | -0.0053 | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 3.91 | 5.500   | 0.0029  | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 4.50 | 7.900   | 0.0042  | -2.5 to 2.5 | Pass |
|        |      |    |   | -30 | 3.91 | 3.700   | 0.0020  | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | -14.400 | -0.0077 | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | 7.500   | 0.0040  | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | 3.700   | 0.0020  | -2.5 to 2.5 | Pass |
|        |      |    |   | 10  | 3.91 | -7.700  | -0.0041 | -2.5 to 2.5 | Pass |
|        |      |    |   | 30  | 3.91 | -10.300 | -0.0055 | -2.5 to 2.5 | Pass |
|        |      |    |   | 40  | 3.91 | 9.400   | 0.0050  | -2.5 to 2.5 | Pass |
|        |      |    |   | 50  | 3.91 | 7.700   | 0.0041  | -2.5 to 2.5 | Pass |
|        | 1905 | 50 | 0 | 20  | 3.60 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 3.91 | -1.700  | -0.0009 | -2.5 to 2.5 | Pass |
|        |      |    |   |     | 4.50 | 3.000   | 0.0016  | -2.5 to 2.5 | Pass |
|        |      |    |   | -30 | 3.91 | 19.200  | 0.0101  | -2.5 to 2.5 | Pass |
|        |      |    |   | -20 | 3.91 | 10.800  | 0.0057  | -2.5 to 2.5 | Pass |
|        |      |    |   | -10 | 3.91 | 6.400   | 0.0034  | -2.5 to 2.5 | Pass |
|        |      |    |   | 0   | 3.91 | -5.800  | -0.0030 | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |        |         |             |      |
|--|--|--|--|----|------|--------|---------|-------------|------|
|  |  |  |  | 10 | 3.91 | -5.900 | -0.0031 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.91 | 7.000  | 0.0037  | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.91 | 13.200 | 0.0069  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.91 | 0.800  | 0.0004  | -2.5 to 2.5 | Pass |

## 2.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1857.5          | 75            | 0      | 20         | 3.60          | -14.100          | -0.0076               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 2.500            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 7.300            | 0.0039                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | -11.600          | -0.0062               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | -7.600           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | 10.200           | 0.0055                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | 8.600            | 0.0046                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | -11.800          | -0.0064               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | 2.900            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | 4.800            | 0.0026                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | -1.500           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.60          | 5.600            | 0.0030                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 6.600            | 0.0035                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 4.200            | 0.0022                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | 7.900            | 0.0042                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | -9.500           | -0.0051               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | 11.300           | 0.0060                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | 9.300            | 0.0049                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | -5.600           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -5.600           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | -10.800          | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | 11.600           | 0.0062                | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.60          | 9.700            | 0.0051                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 15.400           | 0.0081                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | -8.100           | -0.0043               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | 15.300           | 0.0080                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | 13.100           | 0.0069                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | 12.000           | 0.0063                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | -15.200          | -0.0080               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | 10.200           | 0.0054                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -7.600           | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | -10.700          | -0.0056               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1857.5          | 75            | 0      | 20         | 3.60          | 6.900            | 0.0037                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | -0.100           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 3.900            | 0.0021                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | 5.500            | 0.0030                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | 2.400            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | 5.100            | 0.0027                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | -14.100          | -0.0076               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | -13.300          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -6.400           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | -9.700           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | 3.900            | 0.0021                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.60          | 11.200           | 0.0060                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | -1.500           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | -4.800           | -0.0026               | -2.5 to 2.5 | Pass    |

|        |        |    |   |     |      |         |         |             |      |
|--------|--------|----|---|-----|------|---------|---------|-------------|------|
|        |        |    |   | -30 | 3.91 | -7.100  | -0.0038 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 8.000   | 0.0043  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 11.800  | 0.0063  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -2.200  | -0.0012 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 9.800   | 0.0052  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -10.500 | -0.0056 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -6.700  | -0.0036 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | 9.600   | 0.0051  | -2.5 to 2.5 | Pass |
|        | 1902.5 | 75 | 0 | 20  | 3.60 | 5.100   | 0.0027  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -10.700 | -0.0056 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 4.400   | 0.0023  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 10.000  | 0.0053  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -7.300  | -0.0038 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -14.900 | -0.0078 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -9.800  | -0.0052 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -11.100 | -0.0058 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | 7.500   | 0.0039  | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -12.200 | -0.0064 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -1.800  | -0.0009 | -2.5 to 2.5 | Pass |
| 64QAM  | 1857.5 | 75 | 0 | 20  | 3.60 | -13.500 | -0.0073 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | -16.800 | -0.0090 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 2.100   | 0.0011  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -14.400 | -0.0078 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 4.400   | 0.0024  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -15.000 | -0.0081 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -12.900 | -0.0069 | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 3.100   | 0.0017  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -11.600 | -0.0062 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | 6.400   | 0.0034  | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | -12.500 | -0.0067 | -2.5 to 2.5 | Pass |
|        | 1880   | 75 | 0 | 20  | 3.60 | 11.400  | 0.0061  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 8.100   | 0.0043  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 5.900   | 0.0031  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | -7.600  | -0.0040 | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | 13.400  | 0.0071  | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -9.000  | -0.0048 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | 7.500   | 0.0040  | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | -10.500 | -0.0056 | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -10.300 | -0.0055 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | 1.100   | 0.0006  | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | 5.500   | 0.0029  | -2.5 to 2.5 | Pass |
|        | 1902.5 | 75 | 0 | 20  | 3.60 | -5.700  | -0.0030 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 10.700  | 0.0056  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 12.800  | 0.0067  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 10.600  | 0.0056  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -11.900 | -0.0063 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | -10.200 | -0.0054 | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | 12.300  | 0.0065  | -2.5 to 2.5 | Pass |
|        |        |    |   | 10  | 3.91 | 8.300   | 0.0044  | -2.5 to 2.5 | Pass |
|        |        |    |   | 30  | 3.91 | -6.900  | -0.0036 | -2.5 to 2.5 | Pass |
|        |        |    |   | 40  | 3.91 | -7.400  | -0.0039 | -2.5 to 2.5 | Pass |
|        |        |    |   | 50  | 3.91 | 15.100  | 0.0079  | -2.5 to 2.5 | Pass |
| 256QAM | 1857.5 | 75 | 0 | 20  | 3.60 | -4.500  | -0.0024 | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 3.91 | 1.800   | 0.0010  | -2.5 to 2.5 | Pass |
|        |        |    |   |     | 4.50 | 4.400   | 0.0024  | -2.5 to 2.5 | Pass |
|        |        |    |   | -30 | 3.91 | 6.900   | 0.0037  | -2.5 to 2.5 | Pass |
|        |        |    |   | -20 | 3.91 | -11.600 | -0.0062 | -2.5 to 2.5 | Pass |
|        |        |    |   | -10 | 3.91 | 6.700   | 0.0036  | -2.5 to 2.5 | Pass |
|        |        |    |   | 0   | 3.91 | -15.000 | -0.0081 | -2.5 to 2.5 | Pass |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | 10  | 3.91 | 4.200   | 0.0023  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.91 | -14.500 | -0.0078 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.91 | 5.100   | 0.0027  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.91 | -13.600 | -0.0073 | -2.5 to 2.5 | Pass |
|  | 1880   | 75 | 0 | 20  | 3.60 | -17.200 | -0.0091 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.91 | -12.300 | -0.0065 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.50 | -3.900  | -0.0021 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.91 | -13.700 | -0.0073 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.91 | -10.200 | -0.0054 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.91 | 5.900   | 0.0031  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.91 | -6.300  | -0.0034 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.91 | 7.800   | 0.0041  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.91 | -6.200  | -0.0033 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.91 | -9.300  | -0.0049 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.91 | -13.600 | -0.0072 | -2.5 to 2.5 | Pass |
|  | 1902.5 | 75 | 0 | 20  | 3.60 | -11.200 | -0.0059 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.91 | 8.200   | 0.0043  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.50 | 8.200   | 0.0043  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.91 | -3.800  | -0.0020 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.91 | 9.400   | 0.0049  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.91 | -13.500 | -0.0071 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.91 | -6.400  | -0.0034 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.91 | 14.300  | 0.0075  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.91 | 7.000   | 0.0037  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.91 | -8.800  | -0.0046 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.91 | -11.300 | -0.0059 | -2.5 to 2.5 | Pass |

## 2.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1860            | 100           | 0      | 20         | 3.60          | -6.700           | -0.0036               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | -15.700          | -0.0084               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 7.000            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | 4.100            | 0.0022                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | -8.900           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | -4.400           | -0.0024               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | -19.700          | -0.0106               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | 4.700            | 0.0025                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -17.600          | -0.0095               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | -17.100          | -0.0092               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 20         | 3.60          | -11.300          | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 7.100            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 11.200           | 0.0060                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | 9.800            | 0.0052                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | -8.200           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | 13.600           | 0.0072                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | 8.200            | 0.0044                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | -8.500           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -1.000           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | 5.000            | 0.0027                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            | 1900            | 100           | 0      | 20         | 3.60          | 10.100           | 0.0053                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | 9.100            | 0.0048                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.50          | 0.300            | 0.0002                | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   | -30 | 3.91 | 5.700   | 0.0030  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | -11.400 | -0.0060 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | -6.300  | -0.0033 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | -1.900  | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.91 | 6.900   | 0.0036  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.91 | 10.400  | 0.0055  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.91 | -9.200  | -0.0048 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.91 | 11.400  | 0.0060  | -2.5 to 2.5 | Pass |
| 16QAM | 1860 | 100 | 0 | 20  | 3.60 | -5.900  | -0.0032 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.91 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.50 | -3.800  | -0.0020 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.91 | 2.300   | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | -4.700  | -0.0025 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | -1.600  | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | -12.800 | -0.0069 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.91 | 0.800   | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.91 | -22.700 | -0.0122 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.91 | -11.800 | -0.0063 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.91 | -9.300  | -0.0050 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.60 | -7.900  | -0.0042 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.91 | 14.300  | 0.0076  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.50 | -6.400  | -0.0034 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.91 | 8.900   | 0.0047  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | -10.200 | -0.0054 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | 11.200  | 0.0060  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | 6.900   | 0.0037  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.91 | -10.800 | -0.0057 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.91 | -10.300 | -0.0055 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.91 | -7.700  | -0.0041 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.91 | 5.600   | 0.0030  | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.60 | -0.800  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.91 | -5.300  | -0.0028 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.50 | 11.500  | 0.0061  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.91 | 8.300   | 0.0044  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | -7.800  | -0.0041 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | -3.900  | -0.0021 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | 11.400  | 0.0060  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.91 | 11.500  | 0.0061  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.91 | 8.800   | 0.0046  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.91 | 8.900   | 0.0047  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.91 | -3.500  | -0.0018 | -2.5 to 2.5 | Pass |
| 64QAM | 1860 | 100 | 0 | 20  | 3.60 | 8.400   | 0.0045  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.91 | 1.900   | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.50 | -14.600 | -0.0078 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.91 | -10.200 | -0.0055 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | 5.200   | 0.0028  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | -15.000 | -0.0081 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | -14.900 | -0.0080 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.91 | -11.500 | -0.0062 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.91 | -5.400  | -0.0029 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.91 | -8.000  | -0.0043 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.91 | -10.900 | -0.0059 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.60 | -7.300  | -0.0039 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.91 | 15.200  | 0.0081  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.50 | -14.700 | -0.0078 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.91 | 3.900   | 0.0021  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.91 | -10.700 | -0.0057 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.91 | -13.500 | -0.0072 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.91 | 6.000   | 0.0032  | -2.5 to 2.5 | Pass |

|        |      |     |   |     |      |         |         |             |      |
|--------|------|-----|---|-----|------|---------|---------|-------------|------|
|        |      |     |   | 10  | 3.91 | -10.200 | -0.0054 | -2.5 to 2.5 | Pass |
|        |      |     |   | 30  | 3.91 | -5.800  | -0.0031 | -2.5 to 2.5 | Pass |
|        |      |     |   | 40  | 3.91 | 8.400   | 0.0045  | -2.5 to 2.5 | Pass |
|        |      |     |   | 50  | 3.91 | -9.200  | -0.0049 | -2.5 to 2.5 | Pass |
|        | 1900 | 100 | 0 | 20  | 3.60 | -11.700 | -0.0062 | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 3.91 | 9.400   | 0.0049  | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 4.50 | -6.400  | -0.0034 | -2.5 to 2.5 | Pass |
|        |      |     |   | -30 | 3.91 | 5.700   | 0.0030  | -2.5 to 2.5 | Pass |
|        |      |     |   | -20 | 3.91 | -9.400  | -0.0049 | -2.5 to 2.5 | Pass |
|        |      |     |   | -10 | 3.91 | 5.500   | 0.0029  | -2.5 to 2.5 | Pass |
|        |      |     |   | 0   | 3.91 | 4.500   | 0.0024  | -2.5 to 2.5 | Pass |
|        |      |     |   | 10  | 3.91 | -11.100 | -0.0058 | -2.5 to 2.5 | Pass |
|        |      |     |   | 30  | 3.91 | -13.000 | -0.0068 | -2.5 to 2.5 | Pass |
|        |      |     |   | 40  | 3.91 | 12.100  | 0.0064  | -2.5 to 2.5 | Pass |
|        |      |     |   | 50  | 3.91 | 4.400   | 0.0023  | -2.5 to 2.5 | Pass |
| 256QAM | 1860 | 100 | 0 | 20  | 3.60 | -2.400  | -0.0013 | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 3.91 | 7.600   | 0.0041  | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 4.50 | -8.500  | -0.0046 | -2.5 to 2.5 | Pass |
|        |      |     |   | -30 | 3.91 | 7.400   | 0.0040  | -2.5 to 2.5 | Pass |
|        |      |     |   | -20 | 3.91 | 2.400   | 0.0013  | -2.5 to 2.5 | Pass |
|        |      |     |   | -10 | 3.91 | -13.900 | -0.0075 | -2.5 to 2.5 | Pass |
|        |      |     |   | 0   | 3.91 | -10.500 | -0.0056 | -2.5 to 2.5 | Pass |
|        |      |     |   | 10  | 3.91 | 2.200   | 0.0012  | -2.5 to 2.5 | Pass |
|        |      |     |   | 30  | 3.91 | -11.400 | -0.0061 | -2.5 to 2.5 | Pass |
|        |      |     |   | 40  | 3.91 | 4.500   | 0.0024  | -2.5 to 2.5 | Pass |
|        |      |     |   | 50  | 3.91 | -13.200 | -0.0071 | -2.5 to 2.5 | Pass |
|        | 1880 | 100 | 0 | 20  | 3.60 | -1.000  | -0.0005 | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 3.91 | -6.600  | -0.0035 | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 4.50 | 7.100   | 0.0038  | -2.5 to 2.5 | Pass |
|        |      |     |   | -30 | 3.91 | -10.900 | -0.0058 | -2.5 to 2.5 | Pass |
|        |      |     |   | -20 | 3.91 | -11.200 | -0.0060 | -2.5 to 2.5 | Pass |
|        |      |     |   | -10 | 3.91 | 8.000   | 0.0043  | -2.5 to 2.5 | Pass |
|        |      |     |   | 0   | 3.91 | -1.700  | -0.0009 | -2.5 to 2.5 | Pass |
|        |      |     |   | 10  | 3.91 | 13.600  | 0.0072  | -2.5 to 2.5 | Pass |
|        |      |     |   | 30  | 3.91 | -3.400  | -0.0018 | -2.5 to 2.5 | Pass |
|        |      |     |   | 40  | 3.91 | -4.400  | -0.0023 | -2.5 to 2.5 | Pass |
|        |      |     |   | 50  | 3.91 | -7.100  | -0.0038 | -2.5 to 2.5 | Pass |
|        | 1900 | 100 | 0 | 20  | 3.60 | 9.600   | 0.0051  | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 3.91 | -4.200  | -0.0022 | -2.5 to 2.5 | Pass |
|        |      |     |   |     | 4.50 | -5.500  | -0.0029 | -2.5 to 2.5 | Pass |
|        |      |     |   | -30 | 3.91 | 3.400   | 0.0018  | -2.5 to 2.5 | Pass |
|        |      |     |   | -20 | 3.91 | -12.800 | -0.0067 | -2.5 to 2.5 | Pass |
|        |      |     |   | -10 | 3.91 | 2.200   | 0.0012  | -2.5 to 2.5 | Pass |
|        |      |     |   | 0   | 3.91 | 6.200   | 0.0033  | -2.5 to 2.5 | Pass |
|        |      |     |   | 10  | 3.91 | 6.100   | 0.0032  | -2.5 to 2.5 | Pass |
|        |      |     |   | 30  | 3.91 | -2.500  | -0.0013 | -2.5 to 2.5 | Pass |
|        |      |     |   | 40  | 3.91 | 10.800  | 0.0057  | -2.5 to 2.5 | Pass |
|        |      |     |   | 50  | 3.91 | -10.300 | -0.0054 | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band2\_OBW

|                |
|----------------|
| Band: 2 / NTNV |
|----------------|

| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.109                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.112                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.114                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.108                        | /     | Pass    |
|                 | 64QAM      | 1850.7          | 6             | 0      | 1.118                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.118                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.111                        | /     | Pass    |
|                 | 256QAM     | 1850.7          | 6             | 0      | 1.106                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.105                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.103                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.733                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.718                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.724                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.730                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.725                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.717                        | /     | Pass    |
|                 | 64QAM      | 1851.5          | 15            | 0      | 2.724                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.716                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.722                        | /     | Pass    |
|                 | 256QAM     | 1851.5          | 15            | 0      | 2.736                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.726                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.733                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.553                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.538                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.525                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.529                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.537                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.534                        | /     | Pass    |
|                 | 64QAM      | 1852.5          | 25            | 0      | 4.535                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.538                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.537                        | /     | Pass    |
|                 | 256QAM     | 1852.5          | 25            | 0      | 4.514                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.528                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.528                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.042                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.077                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.071                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.009                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.022                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.033                        | /     | Pass    |
|                 | 64QAM      | 1855            | 50            | 0      | 9.037                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.027                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.052                        | /     | Pass    |
|                 | 256QAM     | 1855            | 50            | 0      | 9.000                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.013                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.041                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.575                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.585                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.557                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.535                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.529                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.553                       | /     | Pass    |
|                 | 64QAM      | 1857.5          | 75            | 0      | 13.541                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.544                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.544                       | /     | Pass    |

|    |        |        |     |   |        |   |      |
|----|--------|--------|-----|---|--------|---|------|
|    | 256QAM | 1857.5 | 75  | 0 | 13.531 | / | Pass |
|    |        | 1880   | 75  | 0 | 13.570 | / | Pass |
|    |        | 1902.5 | 75  | 0 | 13.548 | / | Pass |
| 20 | QPSK   | 1860   | 100 | 0 | 18.054 | / | Pass |
|    |        | 1880   | 100 | 0 | 18.044 | / | Pass |
|    |        | 1900   | 100 | 0 | 18.048 | / | Pass |
|    | 16QAM  | 1860   | 100 | 0 | 18.057 | / | Pass |
|    |        | 1880   | 100 | 0 | 18.068 | / | Pass |
|    |        | 1900   | 100 | 0 | 18.076 | / | Pass |
|    | 64QAM  | 1860   | 100 | 0 | 18.017 | / | Pass |
|    |        | 1880   | 100 | 0 | 18.068 | / | Pass |
|    |        | 1900   | 100 | 0 | 18.044 | / | Pass |
|    | 256QAM | 1860   | 100 | 0 | 18.045 | / | Pass |
|    |        | 1880   | 100 | 0 | 18.027 | / | Pass |
|    |        | 1900   | 100 | 0 | 18.044 | / | Pass |

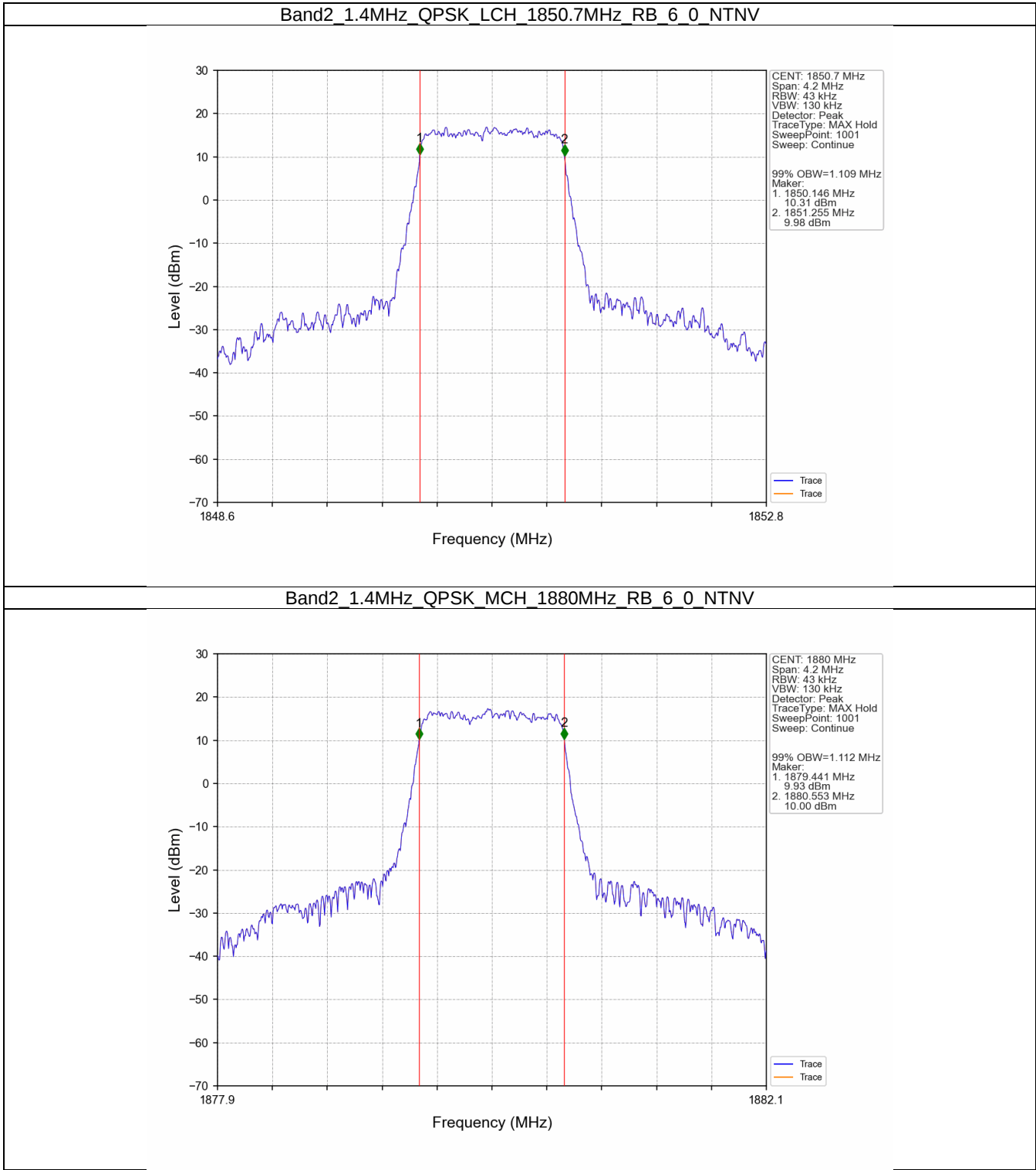
### 3.1.2 Band2\_XDB

| Band: 2 / NTV   |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.311                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.307                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.304                | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.317                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.309                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.322                | /     | Pass    |
|                 | 64QAM      | 1850.7          | 6             | 0      | 1.307                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.324                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.312                | /     | Pass    |
|                 | 256QAM     | 1850.7          | 6             | 0      | 1.299                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.301                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.291                | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 3.001                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.025                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.000                | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 3.024                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.033                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.013                | /     | Pass    |
|                 | 64QAM      | 1851.5          | 15            | 0      | 3.019                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.006                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.014                | /     | Pass    |
|                 | 256QAM     | 1851.5          | 15            | 0      | 3.020                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.030                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.005                | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 5.030                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.042                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.056                | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 5.016                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.008                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.030                | /     | Pass    |
|                 | 64QAM      | 1852.5          | 25            | 0      | 5.000                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.063                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.040                | /     | Pass    |
|                 | 256QAM     | 1852.5          | 25            | 0      | 5.003                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.997                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.025                | /     | Pass    |

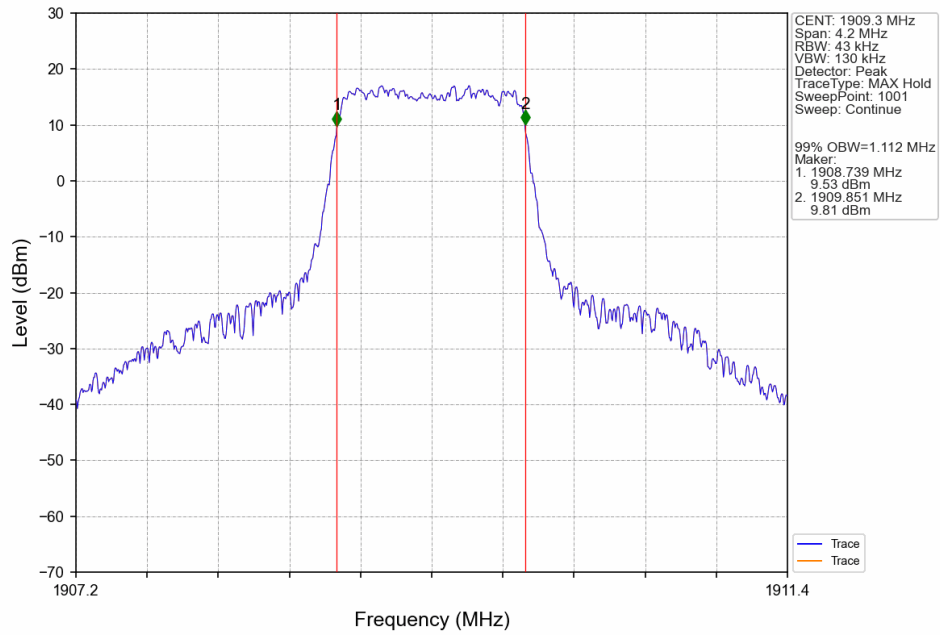
|    |        |        |     |   |        |   |      |
|----|--------|--------|-----|---|--------|---|------|
| 10 | QPSK   | 1855   | 50  | 0 | 9.902  | / | Pass |
|    |        | 1880   | 50  | 0 | 9.951  | / | Pass |
|    |        | 1905   | 50  | 0 | 9.965  | / | Pass |
|    | 16QAM  | 1855   | 50  | 0 | 9.877  | / | Pass |
|    |        | 1880   | 50  | 0 | 9.944  | / | Pass |
|    |        | 1905   | 50  | 0 | 9.849  | / | Pass |
|    | 64QAM  | 1855   | 50  | 0 | 9.851  | / | Pass |
|    |        | 1880   | 50  | 0 | 9.933  | / | Pass |
|    |        | 1905   | 50  | 0 | 10.021 | / | Pass |
|    | 256QAM | 1855   | 50  | 0 | 9.921  | / | Pass |
|    |        | 1880   | 50  | 0 | 9.942  | / | Pass |
|    |        | 1905   | 50  | 0 | 9.914  | / | Pass |
| 15 | QPSK   | 1857.5 | 75  | 0 | 14.954 | / | Pass |
|    |        | 1880   | 75  | 0 | 14.898 | / | Pass |
|    |        | 1902.5 | 75  | 0 | 14.871 | / | Pass |
|    | 16QAM  | 1857.5 | 75  | 0 | 14.815 | / | Pass |
|    |        | 1880   | 75  | 0 | 14.967 | / | Pass |
|    |        | 1902.5 | 75  | 0 | 14.974 | / | Pass |
|    | 64QAM  | 1857.5 | 75  | 0 | 14.922 | / | Pass |
|    |        | 1880   | 75  | 0 | 14.906 | / | Pass |
|    |        | 1902.5 | 75  | 0 | 14.938 | / | Pass |
|    | 256QAM | 1857.5 | 75  | 0 | 14.839 | / | Pass |
|    |        | 1880   | 75  | 0 | 14.924 | / | Pass |
|    |        | 1902.5 | 75  | 0 | 14.888 | / | Pass |
| 20 | QPSK   | 1860   | 100 | 0 | 19.709 | / | Pass |
|    |        | 1880   | 100 | 0 | 19.647 | / | Pass |
|    |        | 1900   | 100 | 0 | 19.759 | / | Pass |
|    | 16QAM  | 1860   | 100 | 0 | 19.705 | / | Pass |
|    |        | 1880   | 100 | 0 | 19.732 | / | Pass |
|    |        | 1900   | 100 | 0 | 20.783 | / | Pass |
|    | 64QAM  | 1860   | 100 | 0 | 19.902 | / | Pass |
|    |        | 1880   | 100 | 0 | 19.862 | / | Pass |
|    |        | 1900   | 100 | 0 | 19.667 | / | Pass |
|    | 256QAM | 1860   | 100 | 0 | 19.715 | / | Pass |
|    |        | 1880   | 100 | 0 | 19.566 | / | Pass |
|    |        | 1900   | 100 | 0 | 19.715 | / | Pass |

### 3.2 Test Graph

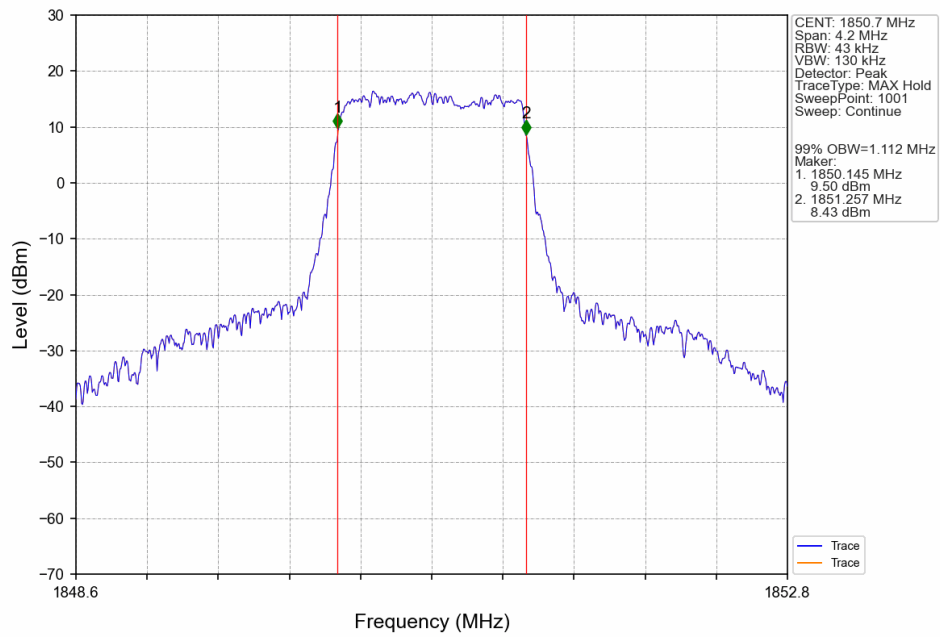
#### 3.2.1 Band2\_OBW



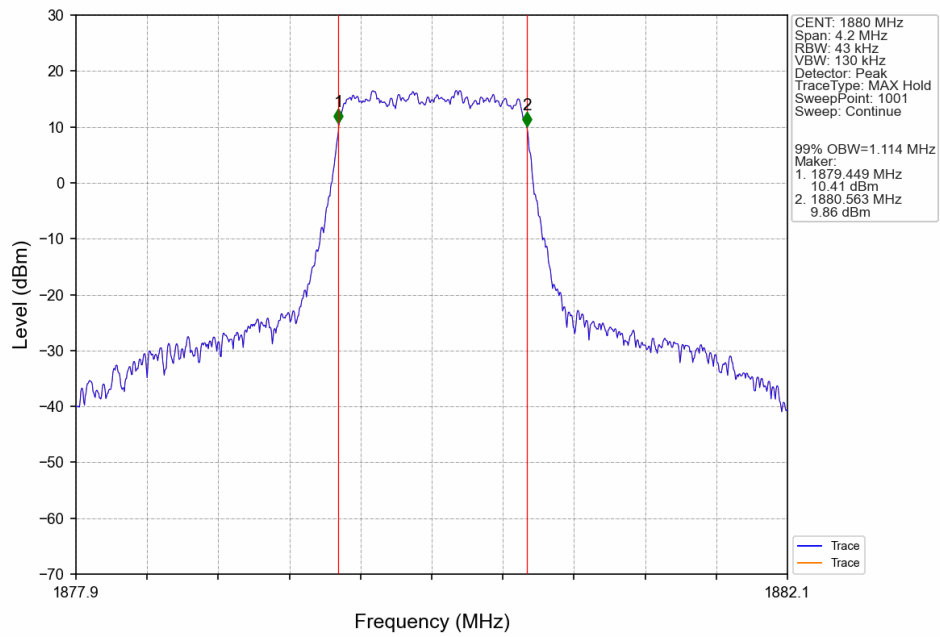
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



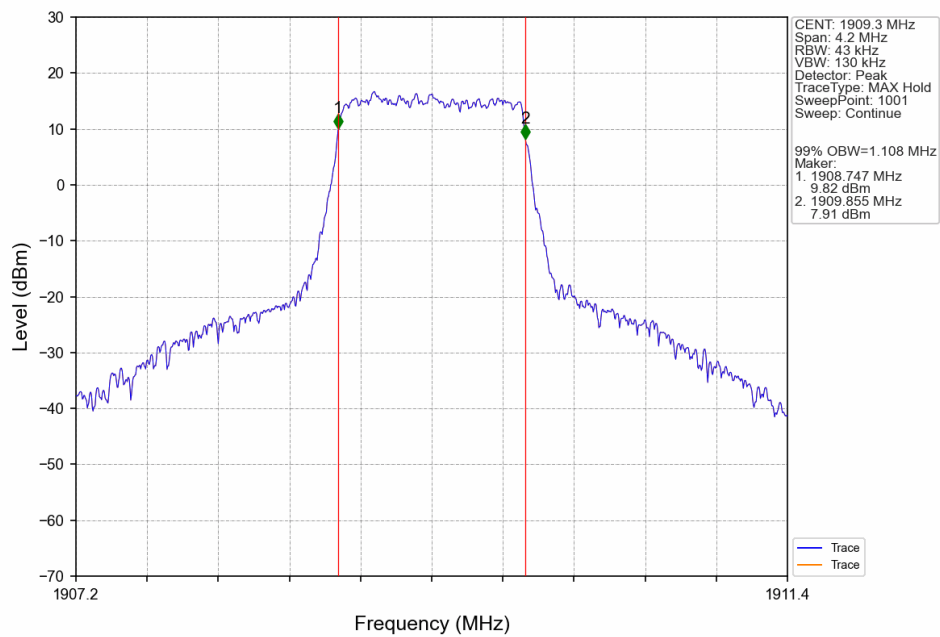
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



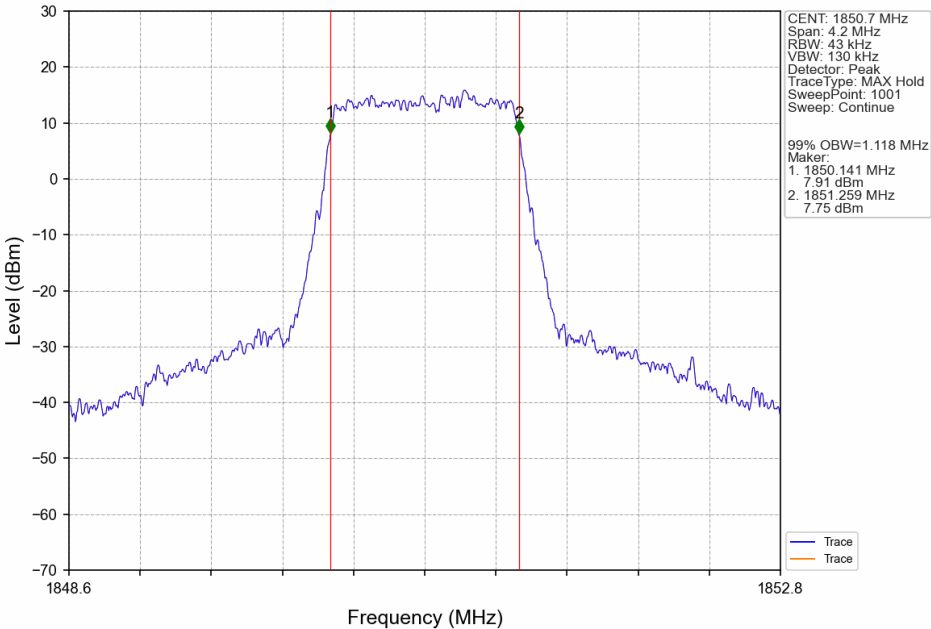
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



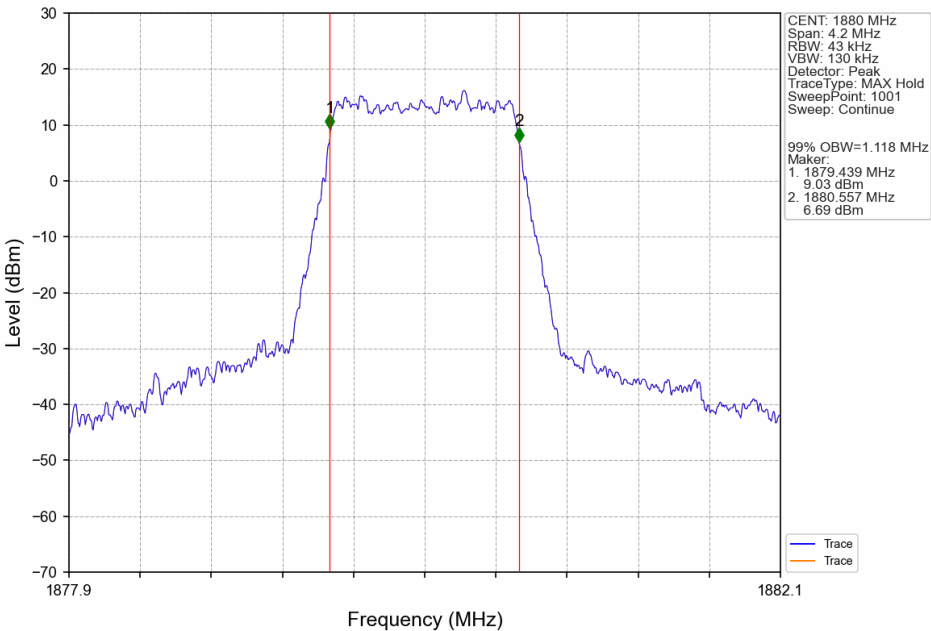
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



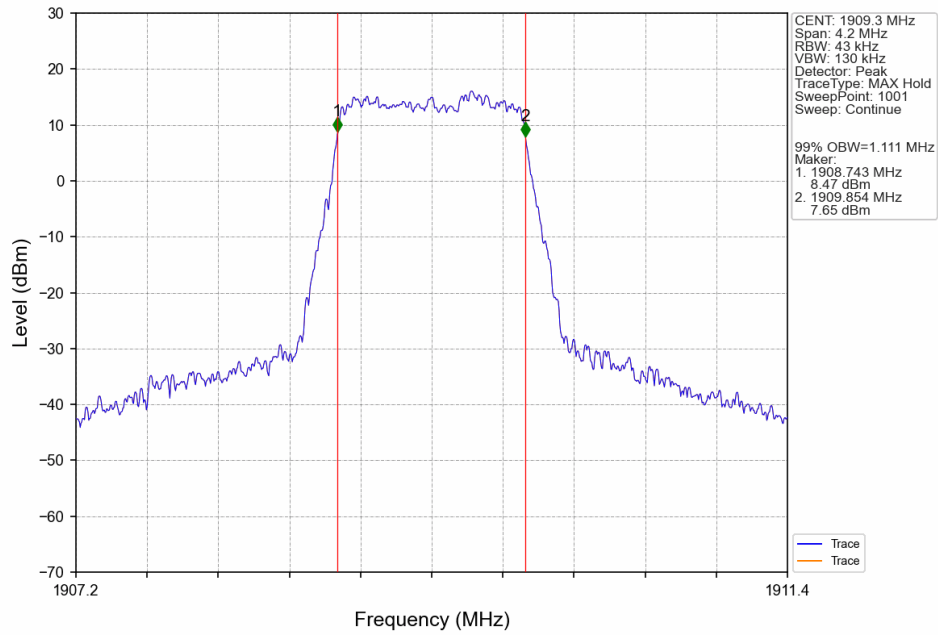
Band2 1.4MHz 64QAM LCH 1850.7MHz RB 6 0 NTN



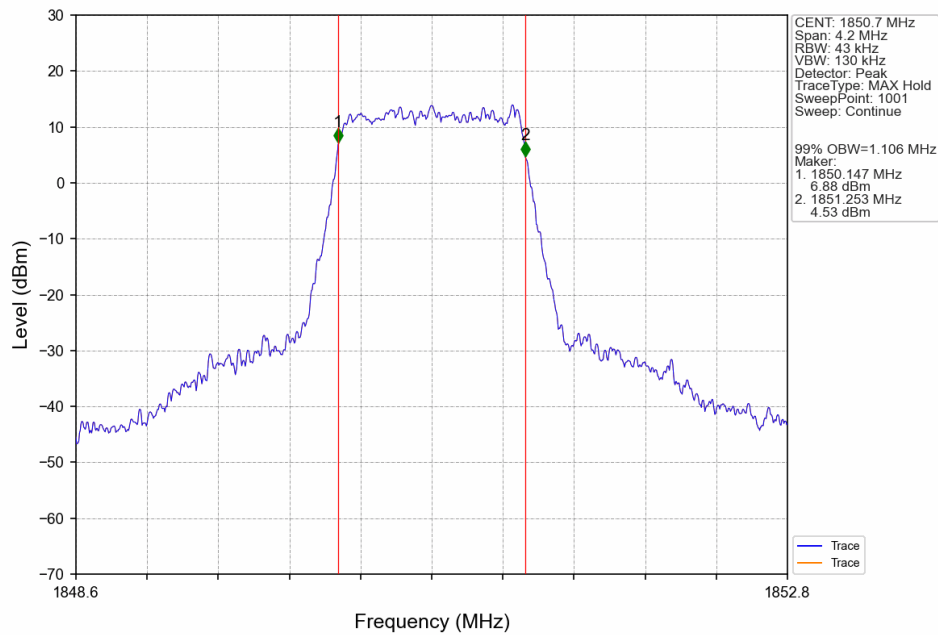
Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTN



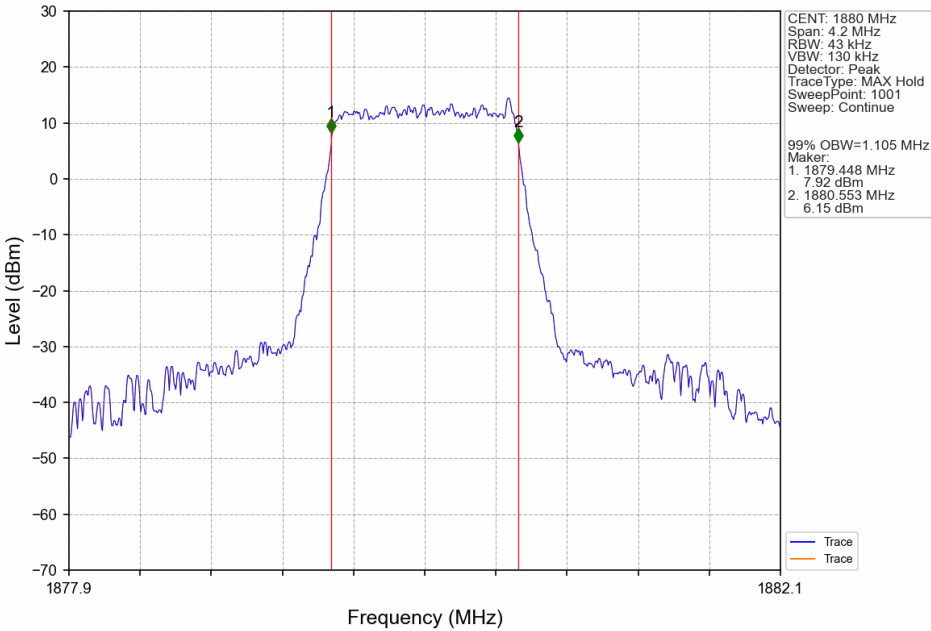
Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTNV



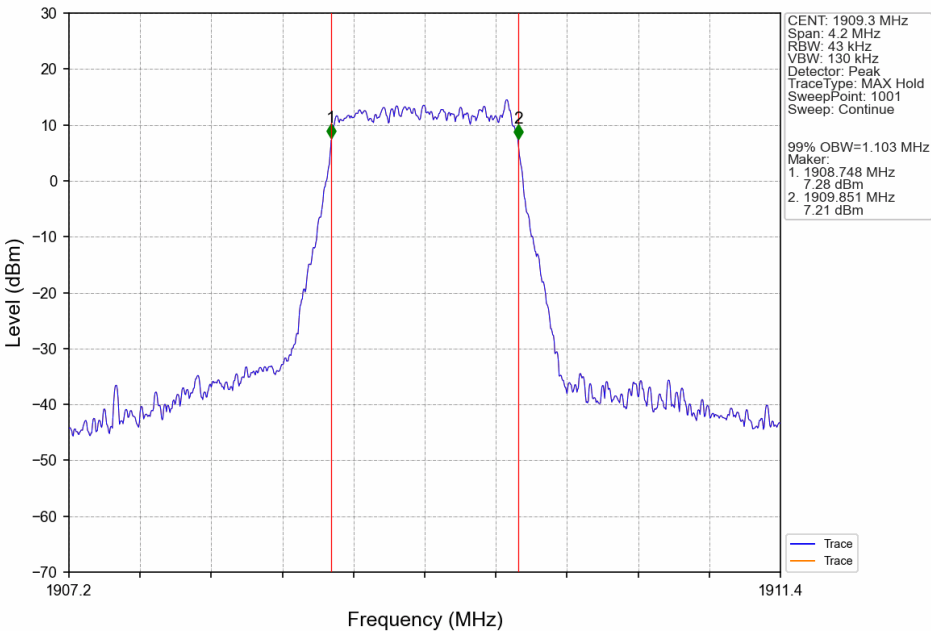
Band2 1.4MHz 256QAM LCH 1850.7MHz RB 6 0 NTNV



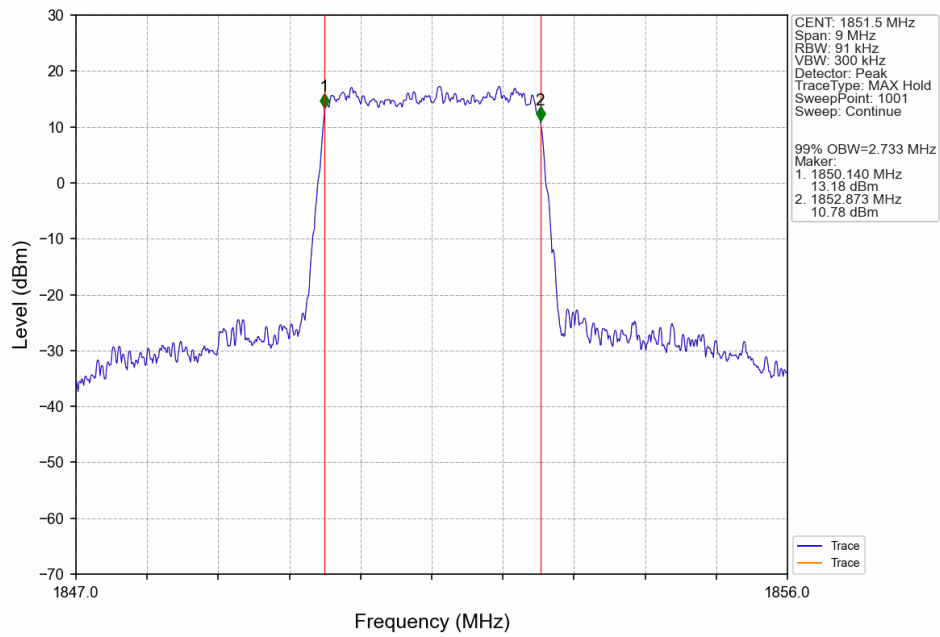
Band2 1.4MHz 256QAM MCH 1880MHz RB 6 0 NTNV



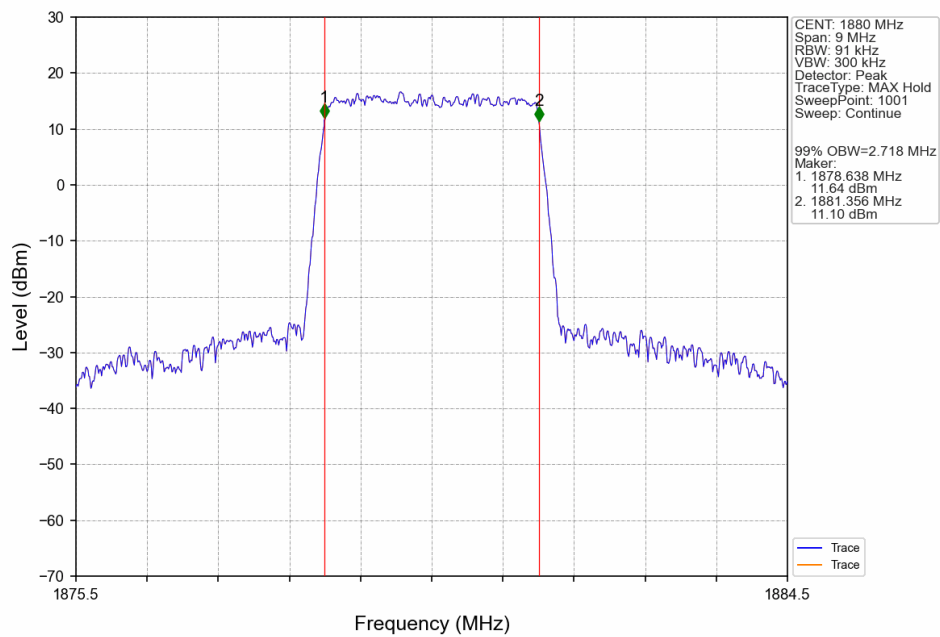
Band2 1.4MHz 256QAM HCH 1909.3MHz RB 6 0 NTNV



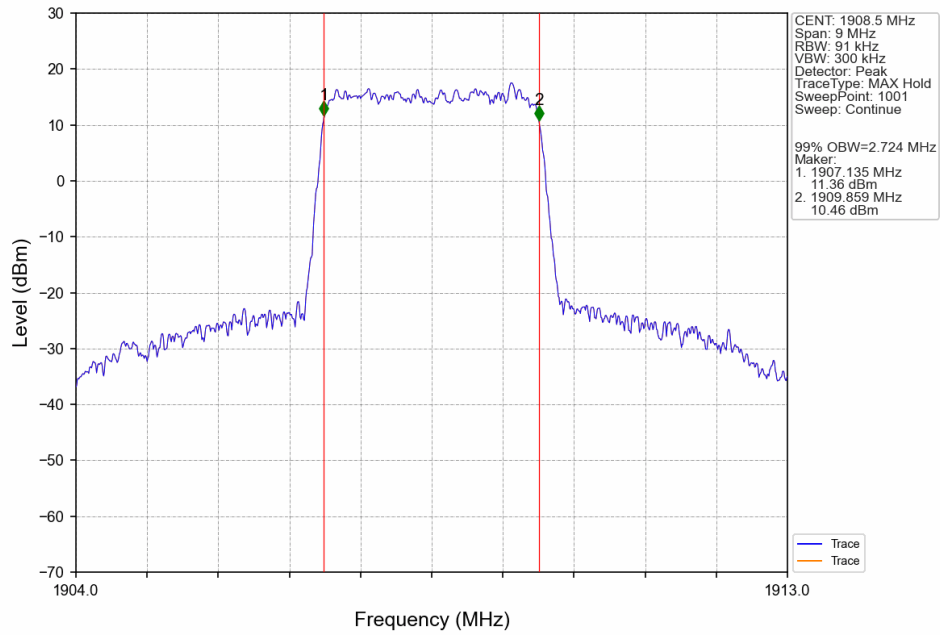
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



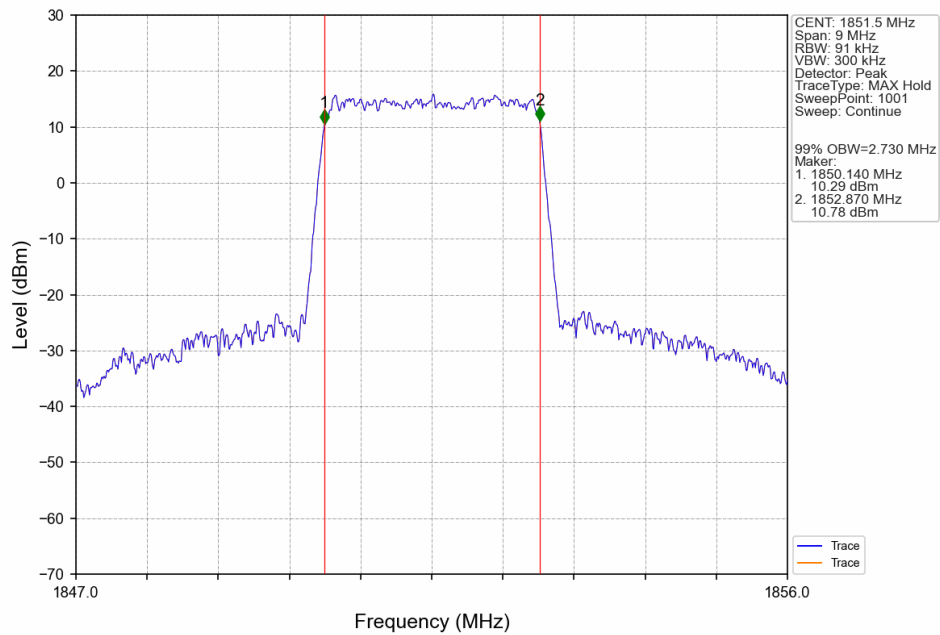
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



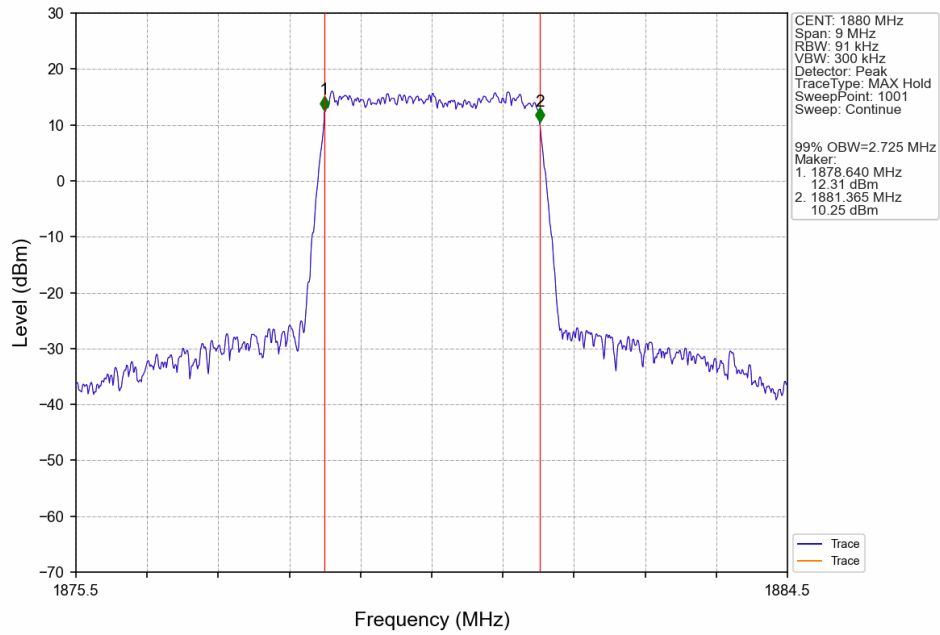
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



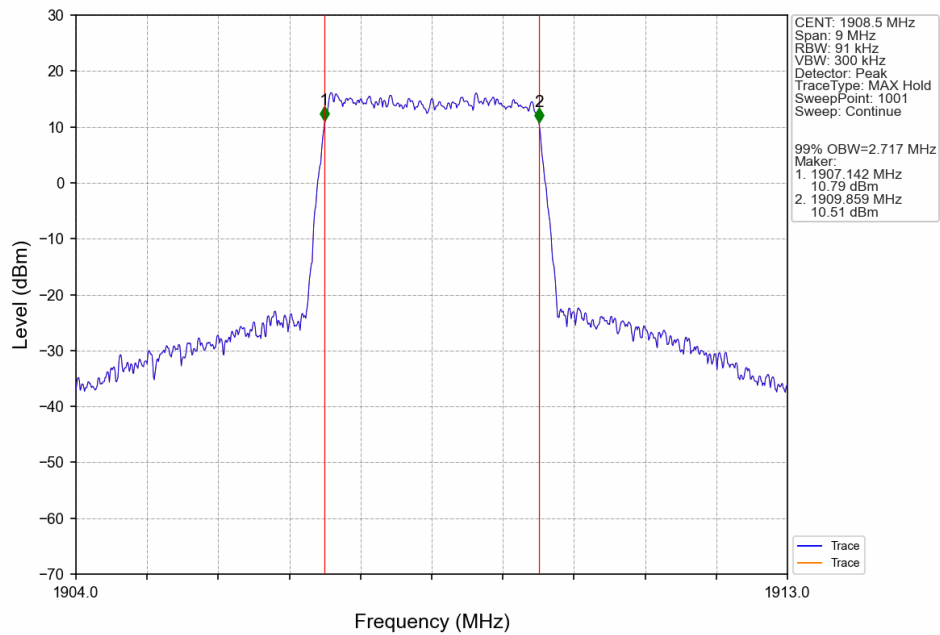
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



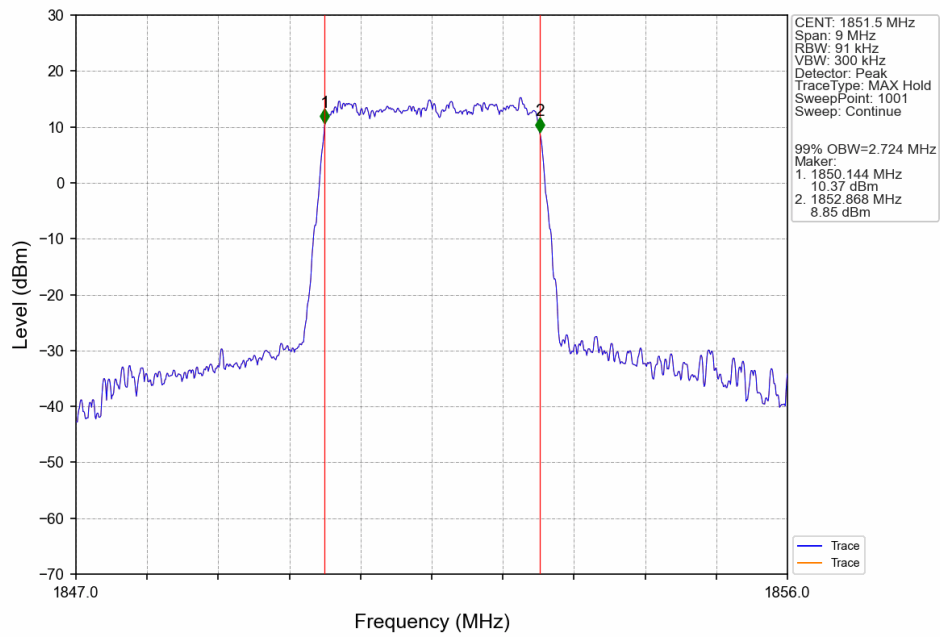
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



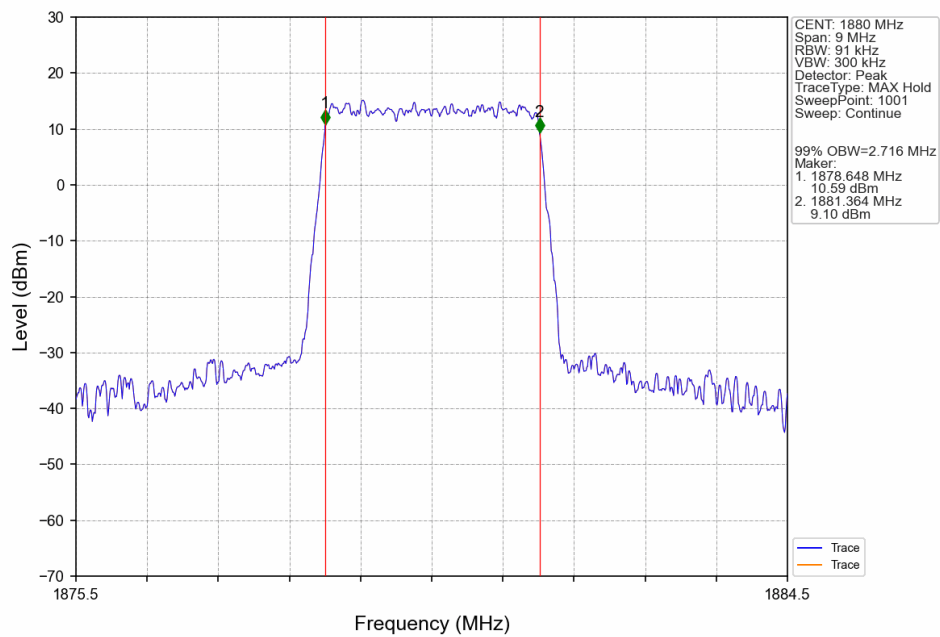
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



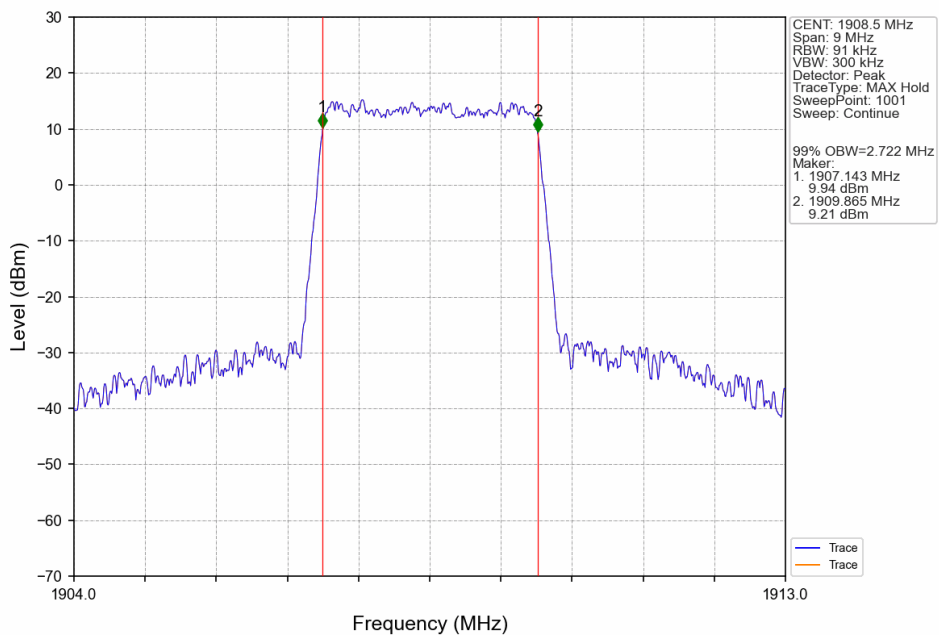
Band2 3MHz 64QAM LCH 1851.5MHz RB 15 0 NTNV



Band2 3MHz 64QAM MCH 1880MHz RB 15 0 NTNV



Band2 3MHz 64QAM HCH 1908.5MHz RB 15 0 NTNV



Band2 3MHz 256QAM LCH 1851.5MHz RB 15 0 NTNV

