

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

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

| Band: 2 / Bandwidth: 1.4MHz / NTV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1850.7          | 1             | 0      | 23.19                 | -3.00      | 20.19      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.15                 | -3.00      | 20.15      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 23.17                 | -3.00      | 20.17      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 23.27                 | -3.00      | 20.27      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.09                 | -3.00      | 20.09      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 23.21                 | -3.00      | 20.21      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 22.18                 | -3.00      | 19.18      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.23                 | -3.00      | 20.23      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 23.17                 | -3.00      | 20.17      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 23.23                 | -3.00      | 20.23      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.23                 | -3.00      | 20.23      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 23.21                 | -3.00      | 20.21      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 22.22                 | -3.00      | 19.22      | <=33.01 | Pass    |
|                                   | 1909.3          | 1             | 0      | 23.34                 | -3.00      | 20.34      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.07                 | -3.00      | 20.07      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 23.15                 | -3.00      | 20.15      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 23.12                 | -3.00      | 20.12      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 23.10                 | -3.00      | 20.10      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 22.18                 | -3.00      | 19.18      | <=33.01 | Pass    |
| 16QAM                             | 1850.7          | 1             | 0      | 22.60                 | -3.00      | 19.60      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.44                 | -3.00      | 19.44      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 22.39                 | -3.00      | 19.39      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 22.38                 | -3.00      | 19.38      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.30                 | -3.00      | 19.30      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 22.28                 | -3.00      | 19.28      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 21.24                 | -3.00      | 18.24      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 22.56                 | -3.00      | 19.56      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.39                 | -3.00      | 19.39      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 22.58                 | -3.00      | 19.58      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 22.33                 | -3.00      | 19.33      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.27                 | -3.00      | 19.27      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 22.38                 | -3.00      | 19.38      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 21.31                 | -3.00      | 18.31      | <=33.01 | Pass    |
|                                   | 1909.3          | 1             | 0      | 22.41                 | -3.00      | 19.41      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.44                 | -3.00      | 19.44      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 22.33                 | -3.00      | 19.33      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 22.21                 | -3.00      | 19.21      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 22.27                 | -3.00      | 19.27      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 22.31                 | -3.00      | 19.31      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 21.11                 | -3.00      | 18.11      | <=33.01 | Pass    |
| 64QAM                             | 1850.7          | 1             | 0      | 21.20                 | -3.00      | 18.20      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 21.35                 | -3.00      | 18.35      | <=33.01 | Pass    |
|                                   |                 |               | 5      | 21.11                 | -3.00      | 18.11      | <=33.01 | Pass    |
|                                   |                 | 3             | 0      | 21.27                 | -3.00      | 18.27      | <=33.01 | Pass    |
|                                   |                 |               | 2      | 21.18                 | -3.00      | 18.18      | <=33.01 | Pass    |
|                                   |                 |               | 3      | 21.25                 | -3.00      | 18.25      | <=33.01 | Pass    |
|                                   |                 | 6             | 0      | 20.18                 | -3.00      | 17.18      | <=33.01 | Pass    |

|  |                                          |   |   |       |       |       |         |      |
|--|------------------------------------------|---|---|-------|-------|-------|---------|------|
|  | 1880                                     | 1 | 0 | 21.37 | -3.00 | 18.37 | <=33.01 | Pass |
|  |                                          |   | 2 | 21.36 | -3.00 | 18.36 | <=33.01 | Pass |
|  |                                          |   | 5 | 21.40 | -3.00 | 18.40 | <=33.01 | Pass |
|  |                                          | 3 | 0 | 21.41 | -3.00 | 18.41 | <=33.01 | Pass |
|  |                                          |   | 2 | 21.36 | -3.00 | 18.36 | <=33.01 | Pass |
|  |                                          |   | 3 | 21.28 | -3.00 | 18.28 | <=33.01 | Pass |
|  |                                          | 6 | 0 | 20.19 | -3.00 | 17.19 | <=33.01 | Pass |
|  | 1909.3                                   | 1 | 0 | 21.34 | -3.00 | 18.34 | <=33.01 | Pass |
|  |                                          |   | 2 | 21.37 | -3.00 | 18.37 | <=33.01 | Pass |
|  |                                          |   | 5 | 21.38 | -3.00 | 18.38 | <=33.01 | Pass |
|  |                                          | 3 | 0 | 21.20 | -3.00 | 18.20 | <=33.01 | Pass |
|  |                                          |   | 2 | 21.28 | -3.00 | 18.28 | <=33.01 | Pass |
|  |                                          |   | 3 | 21.26 | -3.00 | 18.26 | <=33.01 | Pass |
|  |                                          | 6 | 0 | 20.29 | -3.00 | 17.29 | <=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      | 23.09                 | -3.00      | 20.09      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 23.14                 | -3.00      | 20.14      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 22.20                 | -3.00      | 19.20      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 22.27                 | -3.00      | 19.27      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.20                 | -3.00      | 19.20      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 22.26                 | -3.00      | 19.26      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 23.26                 | -3.00      | 20.26      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 23.40                 | -3.00      | 20.40      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 23.10                 | -3.00      | 20.10      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 22.23                 | -3.00      | 19.23      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 22.29                 | -3.00      | 19.29      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.24                 | -3.00      | 19.24      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 22.29                 | -3.00      | 19.29      | <=33.01 | Pass    |
|                                  | 1908.5          | 1             | 0      | 23.06                 | -3.00      | 20.06      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 23.24                 | -3.00      | 20.24      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 23.11                 | -3.00      | 20.11      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 22.11                 | -3.00      | 19.11      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.14                 | -3.00      | 19.14      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
| 16QAM                            | 1851.5          | 1             | 0      | 22.72                 | -3.00      | 19.72      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.56                 | -3.00      | 19.56      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.25                 | -3.00      | 19.25      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 21.31                 | -3.00      | 18.31      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 21.40                 | -3.00      | 18.40      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 21.31                 | -3.00      | 18.31      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 21.26                 | -3.00      | 18.26      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.53                 | -3.00      | 19.53      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.54                 | -3.00      | 19.54      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.63                 | -3.00      | 19.63      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 21.29                 | -3.00      | 18.29      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 21.38                 | -3.00      | 18.38      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 21.29                 | -3.00      | 18.29      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 21.22                 | -3.00      | 18.22      | <=33.01 | Pass    |
|                                  | 1908.5          | 1             | 0      | 22.48                 | -3.00      | 19.48      | <=33.01 | Pass    |

|       |        |                                          |       |       |       |         |         |      |  |
|-------|--------|------------------------------------------|-------|-------|-------|---------|---------|------|--|
|       |        |                                          | 7     | 22.34 | -3.00 | 19.34   | <=33.01 | Pass |  |
|       |        |                                          | 14    | 22.56 | -3.00 | 19.56   | <=33.01 | Pass |  |
|       |        | 8                                        | 0     | 21.24 | -3.00 | 18.24   | <=33.01 | Pass |  |
|       |        |                                          | 4     | 21.27 | -3.00 | 18.27   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 21.27 | -3.00 | 18.27   | <=33.01 | Pass |  |
|       |        | 15                                       | 0     | 21.17 | -3.00 | 18.17   | <=33.01 | Pass |  |
| 64QAM | 1851.5 | 1                                        | 0     | 21.33 | -3.00 | 18.33   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 21.23 | -3.00 | 18.23   | <=33.01 | Pass |  |
|       |        |                                          | 14    | 21.40 | -3.00 | 18.40   | <=33.01 | Pass |  |
|       |        | 8                                        | 0     | 20.34 | -3.00 | 17.34   | <=33.01 | Pass |  |
|       |        |                                          | 4     | 20.31 | -3.00 | 17.31   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 20.21 | -3.00 | 17.21   | <=33.01 | Pass |  |
|       | 15     | 0                                        | 20.29 | -3.00 | 17.29 | <=33.01 | Pass    |      |  |
|       | 1880   | 1                                        | 0     | 21.36 | -3.00 | 18.36   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 21.67 | -3.00 | 18.67   | <=33.01 | Pass |  |
|       |        |                                          | 14    | 21.41 | -3.00 | 18.41   | <=33.01 | Pass |  |
|       |        | 8                                        | 0     | 20.25 | -3.00 | 17.25   | <=33.01 | Pass |  |
|       |        |                                          | 4     | 20.33 | -3.00 | 17.33   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 20.35 | -3.00 | 17.35   | <=33.01 | Pass |  |
|       | 15     | 0                                        | 20.29 | -3.00 | 17.29 | <=33.01 | Pass    |      |  |
|       | 1908.5 | 1                                        | 0     | 21.12 | -3.00 | 18.12   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 21.26 | -3.00 | 18.26   | <=33.01 | Pass |  |
|       |        |                                          | 14    | 21.20 | -3.00 | 18.20   | <=33.01 | Pass |  |
|       |        | 8                                        | 0     | 20.27 | -3.00 | 17.27   | <=33.01 | Pass |  |
|       |        |                                          | 4     | 20.23 | -3.00 | 17.23   | <=33.01 | Pass |  |
|       |        |                                          | 7     | 20.28 | -3.00 | 17.28   | <=33.01 | Pass |  |
|       |        | 15                                       | 0     | 20.24 | -3.00 | 17.24   | <=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      | 23.10                 | -3.00      | 20.10      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.12                 | -3.00      | 20.12      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.28                 | -3.00      | 19.28      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.25                 | -3.00      | 19.25      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.24                 | -3.00      | 19.24      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.26                 | -3.00      | 19.26      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 23.13                 | -3.00      | 20.13      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.26                 | -3.00      | 20.26      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.10                 | -3.00      | 20.10      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.19                 | -3.00      | 19.19      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.32                 | -3.00      | 19.32      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.23                 | -3.00      | 19.23      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.24                 | -3.00      | 19.24      | <=33.01 | Pass    |
|                                  | 1907.5          | 1             | 0      | 23.01                 | -3.00      | 20.01      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 23.37                 | -3.00      | 20.37      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 23.14                 | -3.00      | 20.14      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 22.22                 | -3.00      | 19.22      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 22.19                 | -3.00      | 19.19      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
|                                  |                 | 25            | 0      | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
| 16QAM                            | 1852.5          | 1             | 0      | 22.58                 | -3.00      | 19.58      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.66                 | -3.00      | 19.66      | <=33.01 | Pass    |

|                                          |        |        |    |       |       |       |         |         |      |
|------------------------------------------|--------|--------|----|-------|-------|-------|---------|---------|------|
|                                          |        |        | 24 | 22.59 | -3.00 | 19.59 | <=33.01 | Pass    |      |
|                                          |        | 12     | 0  | 21.27 | -3.00 | 18.27 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 21.29 | -3.00 | 18.29 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 21.22 | -3.00 | 18.22 | <=33.01 | Pass    |      |
|                                          |        | 25     | 0  | 21.24 | -3.00 | 18.24 | <=33.01 | Pass    |      |
|                                          | 1880   | 1      | 0  | 22.58 | -3.00 | 19.58 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 22.51 | -3.00 | 19.51 | <=33.01 | Pass    |      |
|                                          |        |        | 24 | 22.53 | -3.00 | 19.53 | <=33.01 | Pass    |      |
|                                          |        | 12     | 0  | 21.17 | -3.00 | 18.17 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 21.30 | -3.00 | 18.30 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 21.34 | -3.00 | 18.34 | <=33.01 | Pass    |      |
|                                          |        | 25     | 0  | 21.20 | -3.00 | 18.20 | <=33.01 | Pass    |      |
|                                          | 1907.5 | 1      | 0  | 22.62 | -3.00 | 19.62 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 22.64 | -3.00 | 19.64 | <=33.01 | Pass    |      |
|                                          |        |        | 24 | 22.54 | -3.00 | 19.54 | <=33.01 | Pass    |      |
|                                          |        | 12     | 0  | 21.28 | -3.00 | 18.28 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 21.23 | -3.00 | 18.23 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 21.15 | -3.00 | 18.15 | <=33.01 | Pass    |      |
|                                          |        | 25     | 0  | 21.24 | -3.00 | 18.24 | <=33.01 | Pass    |      |
|                                          | 64QAM  | 1852.5 | 1  | 0     | 21.29 | -3.00 | 18.29   | <=33.01 | Pass |
|                                          |        |        |    | 13    | 21.29 | -3.00 | 18.29   | <=33.01 | Pass |
| 24                                       |        |        |    | 21.43 | -3.00 | 18.43 | <=33.01 | Pass    |      |
| 12                                       |        |        | 0  | 20.40 | -3.00 | 17.40 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 20.36 | -3.00 | 17.36 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 20.36 | -3.00 | 17.36 | <=33.01 | Pass    |      |
| 25                                       |        |        | 0  | 20.36 | -3.00 | 17.36 | <=33.01 | Pass    |      |
| 1880                                     |        | 1      | 0  | 21.44 | -3.00 | 18.44 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 21.23 | -3.00 | 18.23 | <=33.01 | Pass    |      |
|                                          |        |        | 24 | 21.47 | -3.00 | 18.47 | <=33.01 | Pass    |      |
|                                          |        | 12     | 0  | 20.28 | -3.00 | 17.28 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 20.32 | -3.00 | 17.32 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 20.28 | -3.00 | 17.28 | <=33.01 | Pass    |      |
|                                          |        | 25     | 0  | 20.11 | -3.00 | 17.11 | <=33.01 | Pass    |      |
| 1907.5                                   |        | 1      | 0  | 21.38 | -3.00 | 18.38 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 21.51 | -3.00 | 18.51 | <=33.01 | Pass    |      |
|                                          |        |        | 24 | 21.29 | -3.00 | 18.29 | <=33.01 | Pass    |      |
|                                          |        | 12     | 0  | 20.34 | -3.00 | 17.34 | <=33.01 | Pass    |      |
|                                          |        |        | 6  | 20.19 | -3.00 | 17.19 | <=33.01 | Pass    |      |
|                                          |        |        | 13 | 20.30 | -3.00 | 17.30 | <=33.01 | Pass    |      |
|                                          |        | 25     | 0  | 20.24 | -3.00 | 17.24 | <=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      | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.15                 | -3.00      | 20.15      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.17                 | -3.00      | 20.17      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.27                 | -3.00      | 19.27      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.30                 | -3.00      | 19.30      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.24                 | -3.00      | 19.24      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 22.25                 | -3.00      | 19.25      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 23.10                 | -3.00      | 20.10      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.19                 | -3.00      | 20.19      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 23.16                 | -3.00      | 20.16      | <=33.01 | Pass    |

|                                          |      |    |    |       |       |       |         |      |
|------------------------------------------|------|----|----|-------|-------|-------|---------|------|
|                                          |      | 25 | 0  | 22.25 | -3.00 | 19.25 | <=33.01 | Pass |
|                                          |      |    | 13 | 22.25 | -3.00 | 19.25 | <=33.01 | Pass |
|                                          |      |    | 25 | 22.26 | -3.00 | 19.26 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 22.21 | -3.00 | 19.21 | <=33.01 | Pass |
|                                          | 1905 | 1  | 0  | 23.17 | -3.00 | 20.17 | <=33.01 | Pass |
|                                          |      |    | 25 | 23.13 | -3.00 | 20.13 | <=33.01 | Pass |
|                                          |      |    | 49 | 23.23 | -3.00 | 20.23 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 22.20 | -3.00 | 19.20 | <=33.01 | Pass |
|                                          |      |    | 13 | 22.22 | -3.00 | 19.22 | <=33.01 | Pass |
|                                          |      |    | 25 | 22.24 | -3.00 | 19.24 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 22.19 | -3.00 | 19.19 | <=33.01 | Pass |
|                                          |      |    |    |       |       |       |         |      |
| 16QAM                                    | 1855 | 1  | 0  | 22.55 | -3.00 | 19.55 | <=33.01 | Pass |
|                                          |      |    | 25 | 22.68 | -3.00 | 19.68 | <=33.01 | Pass |
|                                          |      |    | 49 | 22.58 | -3.00 | 19.58 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 21.33 | -3.00 | 18.33 | <=33.01 | Pass |
|                                          |      |    | 13 | 21.35 | -3.00 | 18.35 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.33 | -3.00 | 18.33 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 21.25 | -3.00 | 18.25 | <=33.01 | Pass |
|                                          | 1880 | 1  | 0  | 22.54 | -3.00 | 19.54 | <=33.01 | Pass |
|                                          |      |    | 25 | 22.59 | -3.00 | 19.59 | <=33.01 | Pass |
|                                          |      |    | 49 | 22.61 | -3.00 | 19.61 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 21.22 | -3.00 | 18.22 | <=33.01 | Pass |
|                                          |      |    | 13 | 21.34 | -3.00 | 18.34 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.23 | -3.00 | 18.23 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 21.17 | -3.00 | 18.17 | <=33.01 | Pass |
|                                          | 1905 | 1  | 0  | 22.48 | -3.00 | 19.48 | <=33.01 | Pass |
|                                          |      |    | 25 | 22.26 | -3.00 | 19.26 | <=33.01 | Pass |
|                                          |      |    | 49 | 22.21 | -3.00 | 19.21 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 21.22 | -3.00 | 18.22 | <=33.01 | Pass |
|                                          |      |    | 13 | 21.22 | -3.00 | 18.22 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.20 | -3.00 | 18.20 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 21.16 | -3.00 | 18.16 | <=33.01 | Pass |
|                                          |      |    |    |       |       |       |         |      |
| 64QAM                                    | 1855 | 1  | 0  | 21.49 | -3.00 | 18.49 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.43 | -3.00 | 18.43 | <=33.01 | Pass |
|                                          |      |    | 49 | 21.04 | -3.00 | 18.04 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 20.35 | -3.00 | 17.35 | <=33.01 | Pass |
|                                          |      |    | 13 | 20.30 | -3.00 | 17.30 | <=33.01 | Pass |
|                                          |      |    | 25 | 20.39 | -3.00 | 17.39 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 20.18 | -3.00 | 17.18 | <=33.01 | Pass |
|                                          | 1880 | 1  | 0  | 21.31 | -3.00 | 18.31 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.68 | -3.00 | 18.68 | <=33.01 | Pass |
|                                          |      |    | 49 | 21.38 | -3.00 | 18.38 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 20.26 | -3.00 | 17.26 | <=33.01 | Pass |
|                                          |      |    | 13 | 20.43 | -3.00 | 17.43 | <=33.01 | Pass |
|                                          |      |    | 25 | 20.26 | -3.00 | 17.26 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 20.23 | -3.00 | 17.23 | <=33.01 | Pass |
|                                          | 1905 | 1  | 0  | 21.48 | -3.00 | 18.48 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.33 | -3.00 | 18.33 | <=33.01 | Pass |
|                                          |      |    | 49 | 21.10 | -3.00 | 18.10 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 20.34 | -3.00 | 17.34 | <=33.01 | Pass |
|                                          |      |    | 13 | 20.30 | -3.00 | 17.30 | <=33.01 | Pass |
|                                          |      |    | 25 | 20.28 | -3.00 | 17.28 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 20.20 | -3.00 | 17.20 | <=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      | 23.00                 | -3.00      | 20.00      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.96                 | -3.00      | 19.96      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 23.13                 | -3.00      | 20.13      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 22.18                 | -3.00      | 19.18      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 22.10                 | -3.00      | 19.10      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 22.09                 | -3.00      | 19.09      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 22.08                 | -3.00      | 19.08      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 22.94                 | -3.00      | 19.94      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.96                 | -3.00      | 19.96      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.89                 | -3.00      | 19.89      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 22.12                 | -3.00      | 19.12      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 22.09                 | -3.00      | 19.09      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 22.10                 | -3.00      | 19.10      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 22.06                 | -3.00      | 19.06      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 22.96                 | -3.00      | 19.96      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.97                 | -3.00      | 19.97      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 23.15                 | -3.00      | 20.15      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 22.15                 | -3.00      | 19.15      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 22.07                 | -3.00      | 19.07      | <=33.01 | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | 22.22                 | -3.00      | 19.22      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.33                 | -3.00      | 19.33      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.20                 | -3.00      | 19.20      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.00                 | -3.00      | 18.00      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.11                 | -3.00      | 18.11      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.15                 | -3.00      | 18.15      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.16                 | -3.00      | 18.16      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 22.12                 | -3.00      | 19.12      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.21                 | -3.00      | 19.21      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.33                 | -3.00      | 19.33      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.17                 | -3.00      | 18.17      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.11                 | -3.00      | 18.11      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.15                 | -3.00      | 18.15      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.09                 | -3.00      | 18.09      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 22.36                 | -3.00      | 19.36      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.32                 | -3.00      | 19.32      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 22.10                 | -3.00      | 19.10      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.18                 | -3.00      | 18.18      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.06                 | -3.00      | 18.06      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.14                 | -3.00      | 18.14      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.13                 | -3.00      | 18.13      | <=33.01 | Pass    |
| 64QAM                             | 1857.5          | 1             | 0      | 21.21                 | -3.00      | 18.21      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.23                 | -3.00      | 18.23      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 20.82                 | -3.00      | 17.82      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.15                 | -3.00      | 17.15      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.23                 | -3.00      | 17.23      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.29                 | -3.00      | 17.29      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.18                 | -3.00      | 17.18      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.36                 | -3.00      | 18.36      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.16                 | -3.00      | 18.16      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.14                 | -3.00      | 18.14      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.15                 | -3.00      | 17.15      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.08                 | -3.00      | 17.08      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.28                 | -3.00      | 17.28      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.14                 | -3.00      | 17.14      | <=33.01 | Pass    |

|  |        |                                          |    |       |       |       |         |      |
|--|--------|------------------------------------------|----|-------|-------|-------|---------|------|
|  | 1902.5 | 1                                        | 0  | 20.85 | -3.00 | 17.85 | <=33.01 | Pass |
|  |        |                                          | 38 | 21.33 | -3.00 | 18.33 | <=33.01 | Pass |
|  |        |                                          | 74 | 21.19 | -3.00 | 18.19 | <=33.01 | Pass |
|  |        | 36                                       | 0  | 20.24 | -3.00 | 17.24 | <=33.01 | Pass |
|  |        |                                          | 18 | 20.26 | -3.00 | 17.26 | <=33.01 | Pass |
|  |        |                                          | 39 | 20.21 | -3.00 | 17.21 | <=33.01 | Pass |
|  |        | 75                                       | 0  | 20.22 | -3.00 | 17.22 | <=33.01 | Pass |
|  |        | Note1: EIRP=Conducted Power+Antenna Gain |    |       |       |       |         |      |

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1860            | 1             | 0      | 23.04                 | -3.00      | 20.04      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 23.03                 | -3.00      | 20.03      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 23.05                 | -3.00      | 20.05      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 22.09                 | -3.00      | 19.09      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 22.12                 | -3.00      | 19.12      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.13                 | -3.00      | 19.13      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.12                 | -3.00      | 19.12      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 23.02                 | -3.00      | 20.02      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.89                 | -3.00      | 19.89      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 23.26                 | -3.00      | 20.26      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 22.11                 | -3.00      | 19.11      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 22.09                 | -3.00      | 19.09      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.07                 | -3.00      | 19.07      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.16                 | -3.00      | 19.16      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 23.44                 | -3.00      | 20.44      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 23.23                 | -3.00      | 20.23      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 23.19                 | -3.00      | 20.19      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 22.16                 | -3.00      | 19.16      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 22.23                 | -3.00      | 19.23      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.10                 | -3.00      | 19.10      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.14                 | -3.00      | 19.14      | <=33.01 | Pass    |
| 16QAM                            | 1860            | 1             | 0      | 22.45                 | -3.00      | 19.45      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.13                 | -3.00      | 19.13      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.20                 | -3.00      | 19.20      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.21                 | -3.00      | 18.21      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 21.13                 | -3.00      | 18.13      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.15                 | -3.00      | 18.15      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 21.15                 | -3.00      | 18.15      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.18                 | -3.00      | 19.18      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.39                 | -3.00      | 19.39      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.14                 | -3.00      | 19.14      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.07                 | -3.00      | 18.07      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 21.07                 | -3.00      | 18.07      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.12                 | -3.00      | 18.12      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 21.01                 | -3.00      | 18.01      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 22.35                 | -3.00      | 19.35      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 22.38                 | -3.00      | 19.38      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.11                 | -3.00      | 19.11      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 21.11                 | -3.00      | 18.11      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 21.18                 | -3.00      | 18.18      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.06                 | -3.00      | 18.06      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 21.16                 | -3.00      | 18.16      | <=33.01 | Pass    |
| 64QAM                            | 1860            | 1             | 0      | 21.22                 | -3.00      | 18.22      | <=33.01 | Pass    |

|                                          |      |     |       |       |       |         |         |      |
|------------------------------------------|------|-----|-------|-------|-------|---------|---------|------|
|                                          |      |     | 50    | 21.17 | -3.00 | 18.17   | <=33.01 | Pass |
|                                          |      |     | 99    | 21.10 | -3.00 | 18.10   | <=33.01 | Pass |
|                                          |      | 50  | 0     | 20.16 | -3.00 | 17.16   | <=33.01 | Pass |
|                                          |      |     | 25    | 20.21 | -3.00 | 17.21   | <=33.01 | Pass |
|                                          |      |     | 50    | 20.13 | -3.00 | 17.13   | <=33.01 | Pass |
|                                          |      | 100 | 0     | 20.22 | -3.00 | 17.22   | <=33.01 | Pass |
|                                          | 1880 | 1   | 0     | 20.70 | -3.00 | 17.70   | <=33.01 | Pass |
|                                          |      |     | 50    | 21.21 | -3.00 | 18.21   | <=33.01 | Pass |
|                                          |      |     | 99    | 21.27 | -3.00 | 18.27   | <=33.01 | Pass |
|                                          |      | 50  | 0     | 20.06 | -3.00 | 17.06   | <=33.01 | Pass |
|                                          |      |     | 25    | 20.12 | -3.00 | 17.12   | <=33.01 | Pass |
|                                          |      |     | 50    | 20.13 | -3.00 | 17.13   | <=33.01 | Pass |
|                                          | 100  | 0   | 20.10 | -3.00 | 17.10 | <=33.01 | Pass    |      |
|                                          | 1900 | 1   | 0     | 21.45 | -3.00 | 18.45   | <=33.01 | Pass |
|                                          |      |     | 50    | 21.18 | -3.00 | 18.18   | <=33.01 | Pass |
|                                          |      |     | 99    | 21.12 | -3.00 | 18.12   | <=33.01 | Pass |
|                                          |      | 50  | 0     | 20.22 | -3.00 | 17.22   | <=33.01 | Pass |
|                                          |      |     | 25    | 20.20 | -3.00 | 17.20   | <=33.01 | Pass |
|                                          |      |     | 50    | 20.17 | -3.00 | 17.17   | <=33.01 | Pass |
|                                          | 100  | 0   | 20.27 | -3.00 | 17.27 | <=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         | 3.4           | -3.200           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -4.500           | -0.0024               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -11.000          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -11.400          | -0.0062               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -14.800          | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -21.000          | -0.0113               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -14.100          | -0.0076               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -30.900          | -0.0167               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -23.500          | -0.0127               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -18.200          | -0.0098               | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.4           | 9.800            | 0.0052                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 16.000           | 0.0085                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | 8.100            | 0.0043                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | 0.600            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 5.100            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 12.200           | 0.0065                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | 6.100            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 5.400            | 0.0029                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 17.900           | 0.0095                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | 12.600           | 0.0067                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 15.500           | 0.0082                | -2.5 to 2.5 | Pass    |
|                             | 1909.3          | 6             | 0      | 20         | 3.4           | 16.200           | 0.0085                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 8.300            | 0.0043                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | 12.900           | 0.0068                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | 15.500           | 0.0081                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 14.900           | 0.0078                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 12.000           | 0.0063                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | 11.000           | 0.0058                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 9.400            | 0.0049                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 9.100            | 0.0048                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | 12.600           | 0.0066                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 8.600            | 0.0045                | -2.5 to 2.5 | Pass    |
| 16QAM                       | 1850.7          | 6             | 0      | 20         | 3.4           | -19.500          | -0.0105               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | -15.600          | -0.0084               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -25.200          | -0.0136               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -15.600          | -0.0084               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -23.200          | -0.0125               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | -26.300          | -0.0142               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -17.000          | -0.0092               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -25.100          | -0.0136               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -16.800          | -0.0091               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -16.400          | -0.0089               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | -15.000          | -0.0081               | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.4           | 22.200           | 0.0118                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 10.000           | 0.0053                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | 20.000           | 0.0106                | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
|       |        |   |   | -30 | 3.92 | 15.700  | 0.0084  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 8.700   | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 8.000   | 0.0043  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 10.800  | 0.0057  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 7.900   | 0.0042  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 17.100  | 0.0091  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 14.000  | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 20.300  | 0.0108  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.4  | 9.900   | 0.0052  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 7.600   | 0.0040  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 8.600   | 0.0045  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 8.300   | 0.0043  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 6.900   | 0.0036  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 7.700   | 0.0040  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 6.000   | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 8.500   | 0.0045  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 8.700   | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 4.000   | 0.0021  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 7.200   | 0.0038  | -2.5 to 2.5 | Pass |
| 64QAM | 1850.7 | 6 | 0 | 20  | 3.4  | -2.300  | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 6.900   | 0.0037  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 6.400   | 0.0035  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 5.200   | 0.0028  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 6.400   | 0.0035  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 8.000   | 0.0043  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 4.800   | 0.0026  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 7.000   | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 4.800   | 0.0026  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 2.900   | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 5.200   | 0.0028  | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.4  | -21.700 | -0.0115 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | -8.900  | -0.0047 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | -18.100 | -0.0096 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | -19.600 | -0.0104 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | -16.800 | -0.0089 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | -19.600 | -0.0104 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | -14.500 | -0.0077 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | -26.400 | -0.0140 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | -8.600  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | -20.000 | -0.0106 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | -23.800 | -0.0127 | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.4  | 5.600   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.92 | 12.000  | 0.0063  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.53 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.92 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.92 | 11.000  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.92 | 13.100  | 0.0069  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.92 | 12.400  | 0.0065  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.92 | 15.900  | 0.0083  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.92 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.92 | 11.100  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.92 | 10.900  | 0.0057  | -2.5 to 2.5 | Pass |

## 2.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz |           |               |       |         |             |                       |         |
|---------------------------|-----------|---------------|-------|---------|-------------|-----------------------|---------|
| Modulation                | Frequency | RB Allocation | Temp. | Voltage | Freq. Error | Freq. vs. Rated (ppm) | Verdict |

|       | (MHz)  | Size | Offset | (°C) | (VDC) | (Hz)   | Result  | Limit       |      |
|-------|--------|------|--------|------|-------|--------|---------|-------------|------|
| QPSK  | 1851.5 | 15   | 0      | 20   | 3.4   | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -0.900 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -2.000 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       | 1880   | 15   | 0      | 20   | 3.4   | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | 2.100  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | 2.200  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -1.400 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15   | 0      | 20   | 3.4   | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | -0.800 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 2.200  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | 1.500  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | 1.400  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
| 16QAM | 1851.5 | 15   | 0      | 20   | 3.4   | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -1.400 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | -2.800 | -0.0015 | -2.5 to 2.5 | Pass |
|       | 1880   | 15   | 0      | 20   | 3.4   | 1.600  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | -30  | 3.92  | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | -20  | 3.92  | 1.300  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |      |        | -10  | 3.92  | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        | 0    | 3.92  | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |      |        | 10   | 3.92  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |      |        | 30   | 3.92  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 40   | 3.92  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |      |        | 50   | 3.92  | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15   | 0      | 20   | 3.4   | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 3.92  | -2.600 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |      |        |      | 4.53  | 1.200  | 0.0006  | -2.5 to 2.5 | Pass |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | -30 | 3.92 | 0.800  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 2.100  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
| 64QAM | 1851.5 | 15 | 0 | 50  | 3.92 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.4  | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.800 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 1.400  | 0.0008  | -2.5 to 2.5 | Pass |
|       | 1880   | 15 | 0 | 40  | 3.92 | 1.400  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.4  | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 30  | 3.92 | 1.500  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 1.800  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.4  | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 1.200  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -2.000 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -2.900 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -1.800 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.300 | -0.0002 | -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         | 3.4           | 0.600            | 0.0003                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.92          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.53          | 0.400            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.92          | -0.600           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.92          | 2.100            | 0.0011                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.92          | 2.300            | 0.0012                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.92          | -0.800           | -0.0004               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.92          | 1.800            | 0.0010                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.92          | -1.500           | -0.0008               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       | 1880   | 25 | 0 | 50  | 3.92 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.4  | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -4.800 | -0.0026 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -2.800 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.4  | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 2.200  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.900 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.4  | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 1.400  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 1.200  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 1.600  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.600  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.900  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.4  | 1.800  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -3.300 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -3.200 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.500 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -2.500 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.600 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -4.700 | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -3.400 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -3.500 | -0.0019 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.4  | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 1.100  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 1.700  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.900 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 1.900  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| 64QAM | 1852.5 | 25 | 0 | 20  | 3.4  | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 1.300  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 3.200  | 0.0017  | -2.5 to 2.5 | Pass |

|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   | -30 | 3.92 | 1.300  | 0.0007  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | 0.600  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 1.700  | 0.0009  | -2.5 to 2.5 | Pass |
|  | 1880   | 25 | 0 | 20  | 3.4  | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | 1.300  | 0.0007  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -0.800 | -0.0004 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | -2.900 | -0.0015 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|  | 1907.5 | 25 | 0 | 20  | 3.4  | 0.600  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -1.400 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -1.600 | -0.0008 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | 1.600  | 0.0008  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | 0.900  | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 1.200  | 0.0006  | -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         | 3.4           | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -1.600           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | 0.600            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -1.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -2.200           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -0.100           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | 0.600            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | 0.400            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.4           | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -3.000           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.100           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -1.000           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -1.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -3.000           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |

|       |      |      |        |         |             |        |         |             |             |
|-------|------|------|--------|---------|-------------|--------|---------|-------------|-------------|
|       |      |      |        | 50      | 3.92        | -4.200 | -0.0022 | -2.5 to 2.5 | Pass        |
|       | 1905 | 50   | 0      | 20      | 3.4         | -2.900 | -0.0015 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -2.300 | -0.0012 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | 0.700  | 0.0004  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | -30         | 3.92   | -1.300  | -0.0007     | -2.5 to 2.5 |
|       |      |      |        | -20     | 3.92        | -3.100 | -0.0016 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -1.400 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -4.000 | -0.0021 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | 0.300  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -2.600 | -0.0014 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -1.600 | -0.0008 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass   |         |             |             |
| 16QAM | 1855 | 50   | 0      | 20      | 3.4         | -1.600 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -0.200 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -0.300 | -0.0002 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -30     | 3.92        | -1.000 | -0.0005 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -20     | 3.92        | -0.700 | -0.0004 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -2.400 | -0.0013 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | 2.200  | 0.0012  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | 0.100  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | 0.100  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | 0.100  | 0.0001  | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -3.000 | -0.0016 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1880 | 50   | 0      | 20      | 3.4         | 0.400  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -4.000 | -0.0021 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -0.200 | -0.0001 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -30     | 3.92        | -2.600 | -0.0014 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -20     | 3.92        | -1.200 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -1.700 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | -2.200 | -0.0012 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -1.200 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -1.300 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | 0.300  | 0.0002  | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1905 | 50   | 0      | 20      | 3.4         | 0.300  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | -3.000 | -0.0016 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -2.000 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -30     | 3.92        | -1.800 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -20     | 3.92        | -1.700 | -0.0009 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -1.100 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | 0.100  | 0.0001  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -2.000 | -0.0010 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | -1.400 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | -3.300 | -0.0017 | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | 0.700  | 0.0004  | -2.5 to 2.5 | Pass   |         |             |             |
| 64QAM | 1855 | 50   | 0      | 20      | 3.4         | -2.800 | -0.0015 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | 2.100  | 0.0011  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -1.100 | -0.0006 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -30     | 3.92        | -1.300 | -0.0007 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -20     | 3.92        | -2.500 | -0.0013 | -2.5 to 2.5 | Pass        |
|       |      |      |        | -10     | 3.92        | -0.300 | -0.0002 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 0       | 3.92        | 1.700  | 0.0009  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 10      | 3.92        | -0.300 | -0.0002 | -2.5 to 2.5 | Pass        |
|       |      |      |        | 30      | 3.92        | 0.900  | 0.0005  | -2.5 to 2.5 | Pass        |
|       |      |      |        | 40      | 3.92        | 1.600  | 0.0009  | -2.5 to 2.5 | Pass        |
|       | 50   | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass   |         |             |             |
|       | 1880 | 50   | 0      | 20      | 3.4         | -0.500 | -0.0003 | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 3.92        | 0.300  | 0.0002  | -2.5 to 2.5 | Pass        |
|       |      |      |        |         | 4.53        | -2.000 | -0.0011 | -2.5 to 2.5 | Pass        |

|  |      |    |   |     |      |        |         |             |      |
|--|------|----|---|-----|------|--------|---------|-------------|------|
|  |      |    |   | -30 | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.92 | 1.400  | 0.0007  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.92 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.92 | 2.000  | 0.0011  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.92 | 0.900  | 0.0005  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|  | 1905 | 50 | 0 | 20  | 3.4  | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.92 | 0.500  | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.53 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.92 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.92 | -2.500 | -0.0013 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.92 | -3.600 | -0.0019 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.92 | 0.500  | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.92 | -1.600 | -0.0008 | -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         | 3.4           | -3.400           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -3.700           | -0.0020               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | 1.000            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -2.500           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -1.400           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.4           | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -3.100           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -1.300           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -1.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.500           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | 0.600            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -1.700           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -2.600           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.4           | -2.700           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -2.500           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -1.100           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -2.100           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -0.800           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -3.400           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -2.700           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -4.200           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1857.5 | 75 | 0 | 50  | 3.92 | -2.300 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.4  | -3.700 | -0.0020 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.500  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -2.600 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -1.400 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -3.900 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -2.600 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -2.600 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -3.000 | -0.0016 | -2.5 to 2.5 | Pass |
|       | 1880   | 75 | 0 | 20  | 3.4  | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -4.300 | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -2.900 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -1.400 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       | 1902.5 | 75 | 0 | 20  | 3.4  | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -2.500 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -1.400 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -5.300 | -0.0028 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -3.200 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -3.900 | -0.0020 | -2.5 to 2.5 | Pass |
| 64QAM | 1857.5 | 75 | 0 | 20  | 3.4  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.500 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -2.000 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -3.600 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 1.500  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -3.300 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 1880   | 75 | 0 | 20  | 3.4  | -2.800 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.600 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -3.200 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -2.000 | -0.0011 | -2.5 to 2.5 | Pass |
|       | 1902.5 | 75 | 0 | 20  | 3.4  | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |

|  |  |  |  |     |      |        |         |             |      |
|--|--|--|--|-----|------|--------|---------|-------------|------|
|  |  |  |  | -30 | 3.92 | -2.000 | -0.0011 | -2.5 to 2.5 | Pass |
|  |  |  |  | -20 | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 3.92 | 1.200  | 0.0006  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 3.92 | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 3.92 | -3.500 | -0.0018 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 3.92 | -1.200 | -0.0006 | -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         | 3.4           | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -1.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -4.000           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -2.700           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -0.600           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -0.800           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | -3.400           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 20         | 3.4           | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -2.800           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -2.500           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -1.700           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -1.100           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -4.100           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -2.700           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -1.400           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            | 1900            | 100           | 0      | 20         | 3.4           | -0.400           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -2.600           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -0.600           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.900           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -1.900           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -0.500           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -3.100           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -3.400           | -0.0018               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1860            | 100           | 0      | 20         | 3.4           | 0.800            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -1.300           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -2.800           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -3.600           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -3.500           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -0.500           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -1.300           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -2.000           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -2.400           | -0.0013               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
|       | 1880 | 100 | 0 | 50  | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.4  | -4.000 | -0.0021 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -3.200 | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -2.800 | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -1.400 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -1.900 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.4  | -0.800 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -1.800 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -1.100 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -2.000 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -3.400 | -0.0018 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -0.500 | -0.0003 | -2.5 to 2.5 | Pass |
| 64QAM | 1860 | 100 | 0 | 20  | 3.4  | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -0.700 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -2.600 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -3.800 | -0.0020 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -3.500 | -0.0019 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -1.700 | -0.0009 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.4  | -3.000 | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -1.000 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | 0.800  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -2.100 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -0.600 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -2.300 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -2.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -1.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -2.200 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -1.200 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.4  | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -1.500 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -2.700 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -1.300 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -3.800 | -0.0020 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | 0.700  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | 0.500  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -1.600 | -0.0008 | -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      | 1.118                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.125                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.123                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.127                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.138                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.140                        | /     | Pass    |
|                 | 64QAM      | 1850.7          | 6             | 0      | 1.123                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.118                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.126                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.741                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.738                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.743                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.733                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.738                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.754                        | /     | Pass    |
|                 | 64QAM      | 1851.5          | 15            | 0      | 2.749                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.745                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.736                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.568                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.565                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.560                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.580                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.562                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.571                        | /     | Pass    |
|                 | 64QAM      | 1852.5          | 25            | 0      | 4.542                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.555                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.558                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.064                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.086                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.119                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.141                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.089                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.096                        | /     | Pass    |
|                 | 64QAM      | 1855            | 50            | 0      | 9.080                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.082                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.049                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.645                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.655                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.576                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.557                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.634                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.581                       | /     | Pass    |
|                 | 64QAM      | 1857.5          | 75            | 0      | 13.663                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.610                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.594                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.126                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.105                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.084                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.124                       | /     | Pass    |

|  |       |      |     |   |        |   |      |
|--|-------|------|-----|---|--------|---|------|
|  |       | 1880 | 100 | 0 | 18.139 | / | Pass |
|  |       | 1900 | 100 | 0 | 18.043 | / | Pass |
|  | 64QAM | 1860 | 100 | 0 | 18.123 | / | Pass |
|  |       | 1880 | 100 | 0 | 18.101 | / | Pass |
|  |       | 1900 | 100 | 0 | 18.106 | / | Pass |

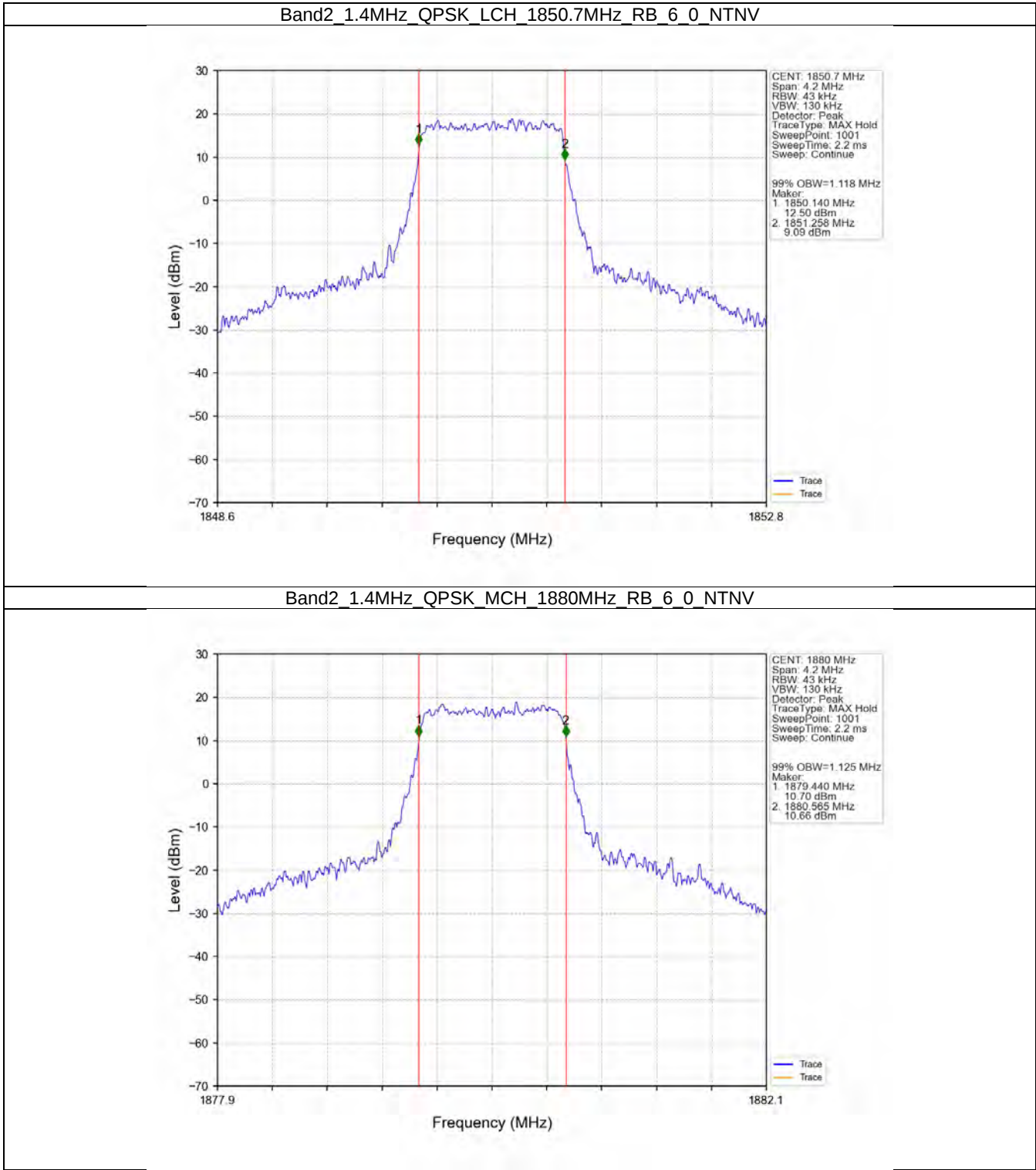
### 3.1.2 Band2\_XDB

| Band: 2 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.391                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.383                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.383                | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.400                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.367                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.419                | /     | Pass    |
|                 | 64QAM      | 1850.7          | 6             | 0      | 1.409                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.398                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.373                | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 3.122                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.133                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.139                | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 3.106                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.137                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.117                | /     | Pass    |
|                 | 64QAM      | 1851.5          | 15            | 0      | 3.143                | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 3.113                | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.132                | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 5.198                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.269                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.219                | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 5.235                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.178                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.252                | /     | Pass    |
|                 | 64QAM      | 1852.5          | 25            | 0      | 5.238                | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 5.191                | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.247                | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 10.163               | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 10.217               | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 10.190               | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 10.216               | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 10.224               | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 10.336               | /     | Pass    |
|                 | 64QAM      | 1855            | 50            | 0      | 10.226               | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 10.184               | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 10.149               | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 14.992               | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 15.210               | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 15.101               | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 15.177               | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 15.257               | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 15.147               | /     | Pass    |
|                 | 64QAM      | 1857.5          | 75            | 0      | 15.153               | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 15.227               | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 15.099               | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 20.159               | /     | Pass    |

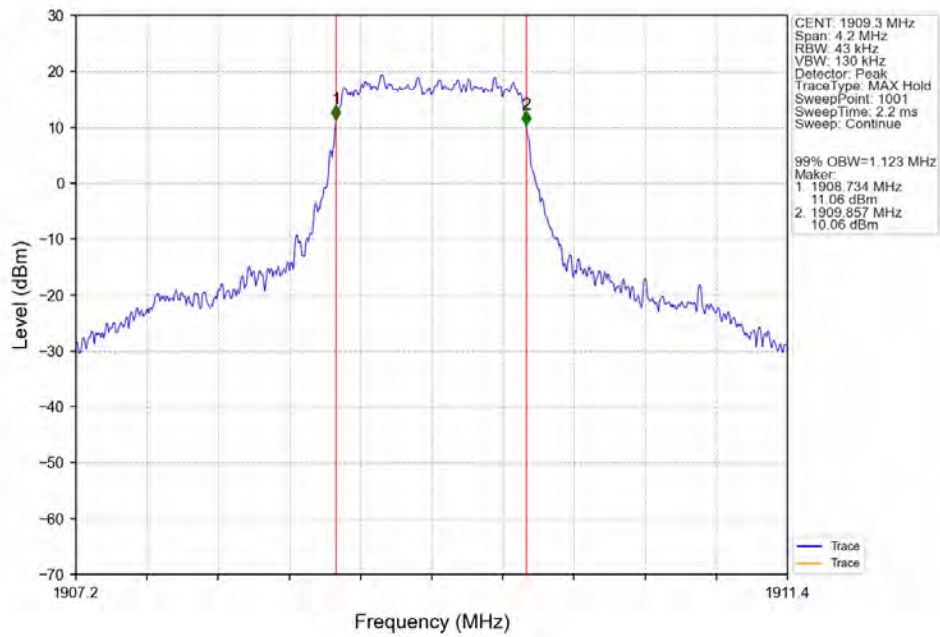
|  |       |      |     |   |        |   |      |
|--|-------|------|-----|---|--------|---|------|
|  |       | 1880 | 100 | 0 | 19.996 | / | Pass |
|  |       | 1900 | 100 | 0 | 20.072 | / | Pass |
|  | 16QAM | 1860 | 100 | 0 | 20.185 | / | Pass |
|  |       | 1880 | 100 | 0 | 19.924 | / | Pass |
|  |       | 1900 | 100 | 0 | 19.971 | / | Pass |
|  | 64QAM | 1860 | 100 | 0 | 19.997 | / | Pass |
|  |       | 1880 | 100 | 0 | 20.173 | / | Pass |
|  |       | 1900 | 100 | 0 | 20.049 | / | Pass |

3.2 Test Graph

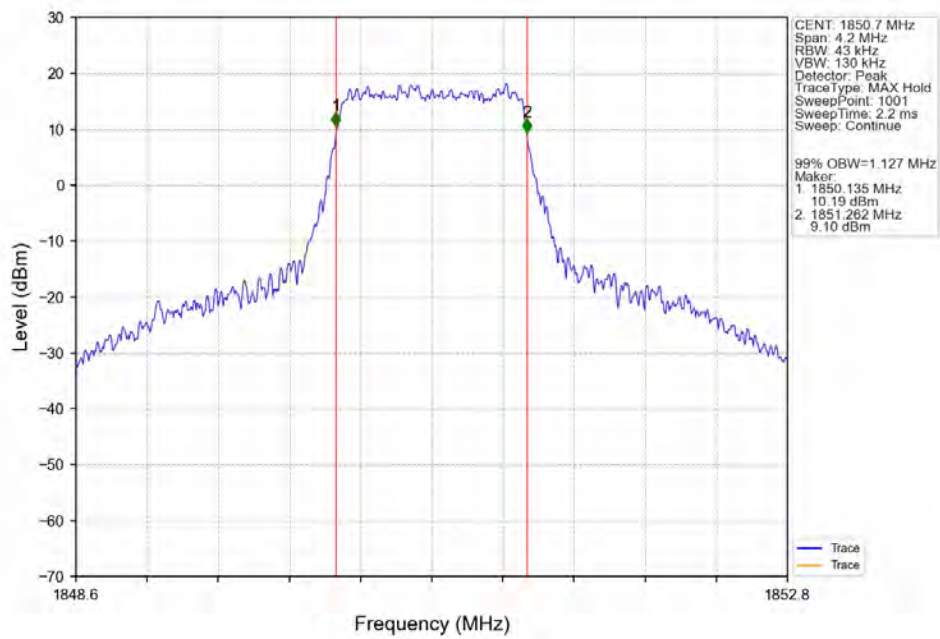
3.2.1 Band2\_OBW



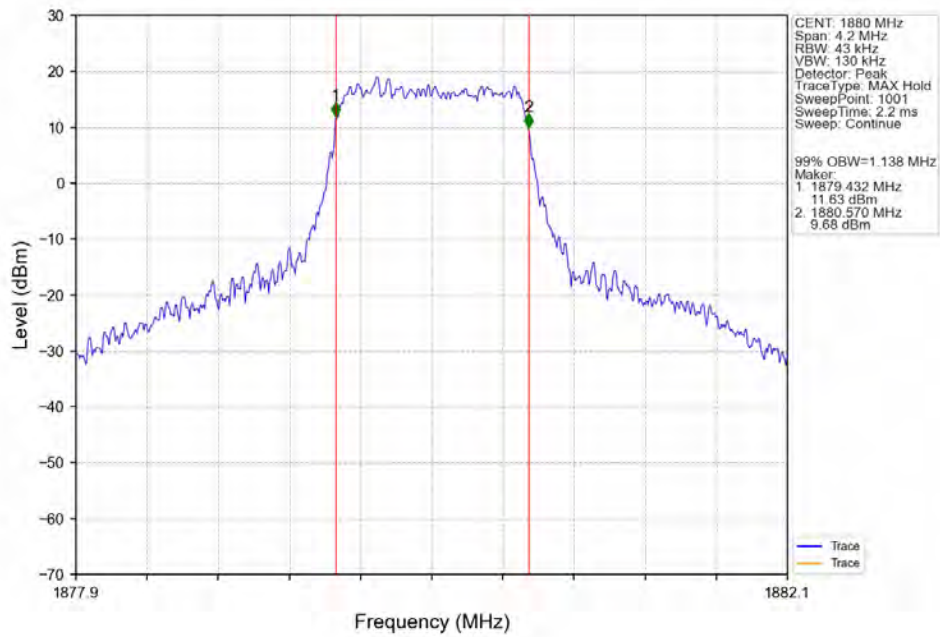
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



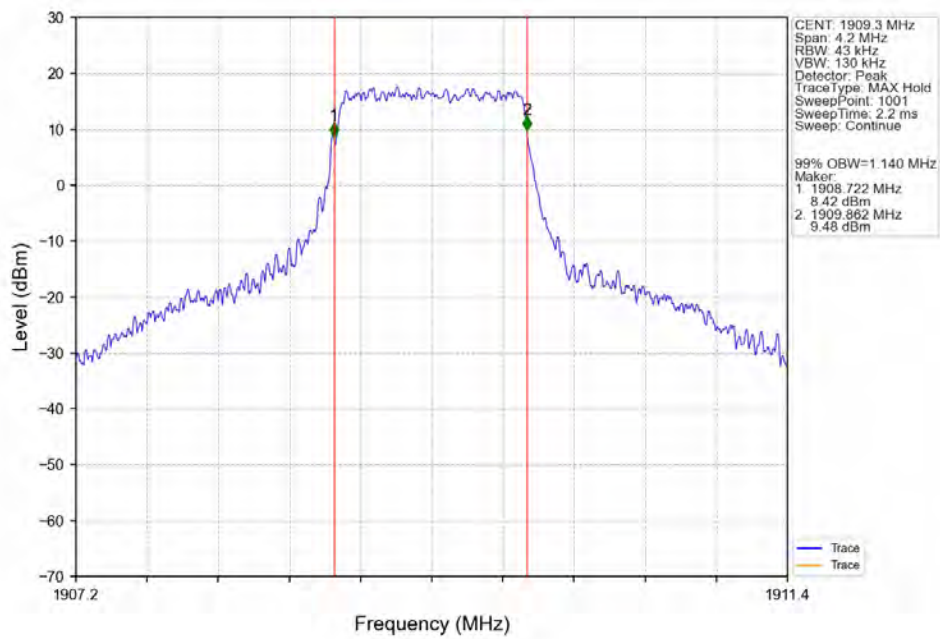
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



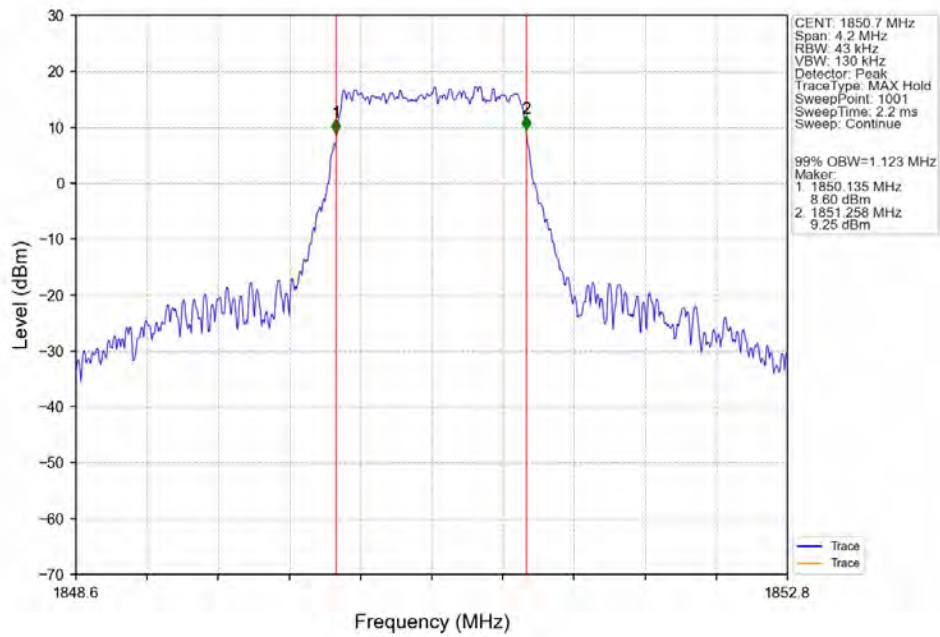
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



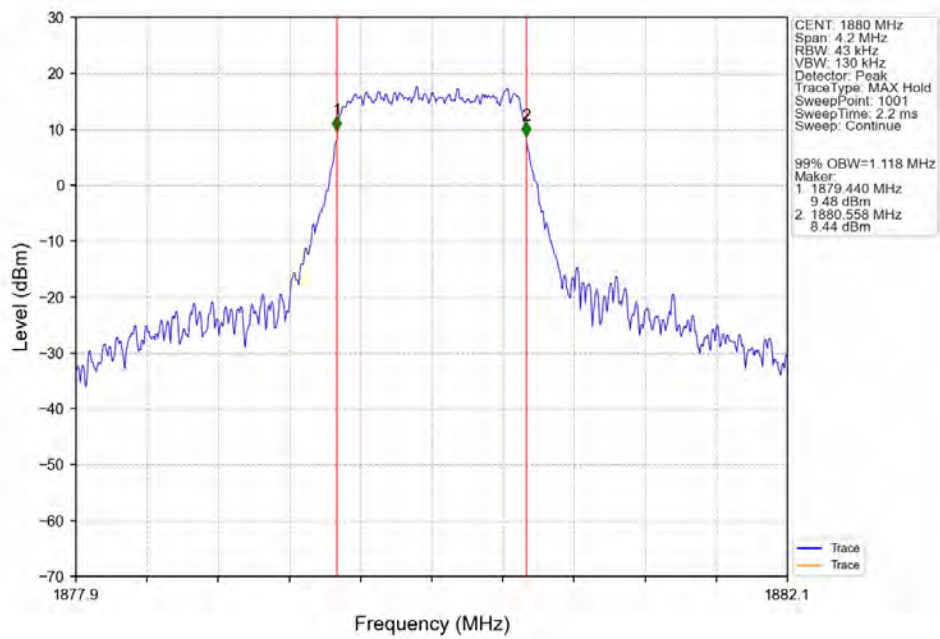
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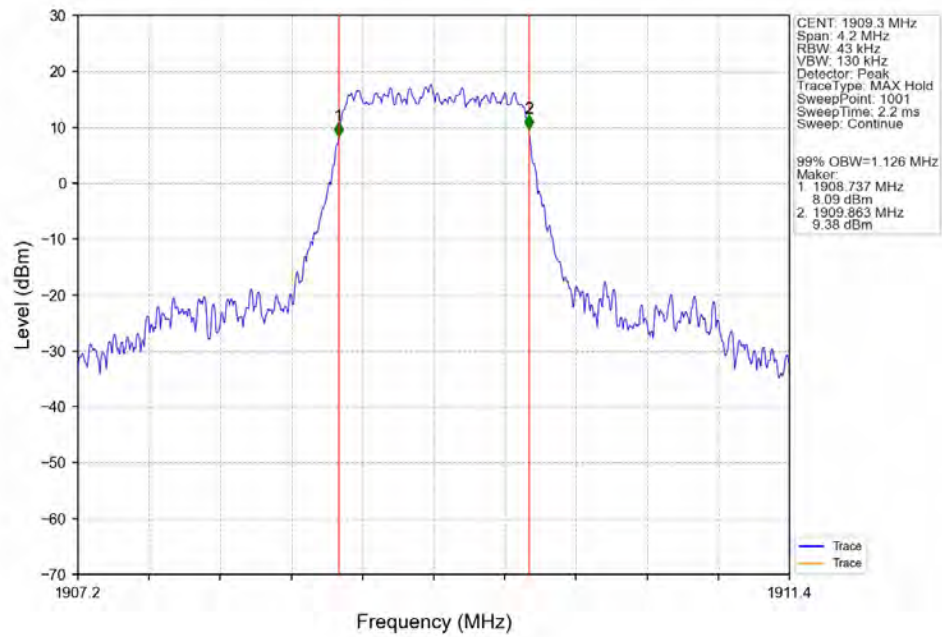
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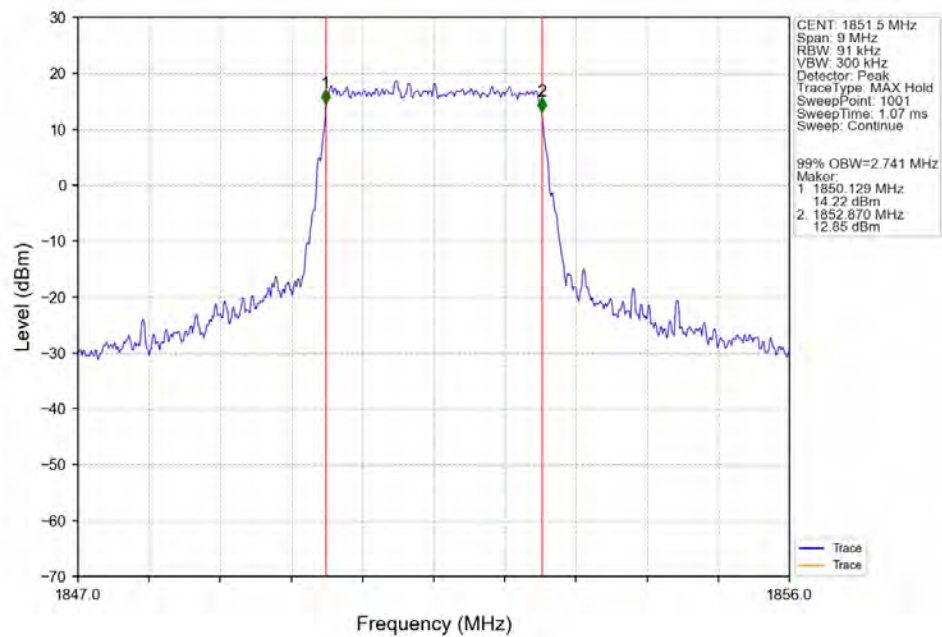
Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTNV



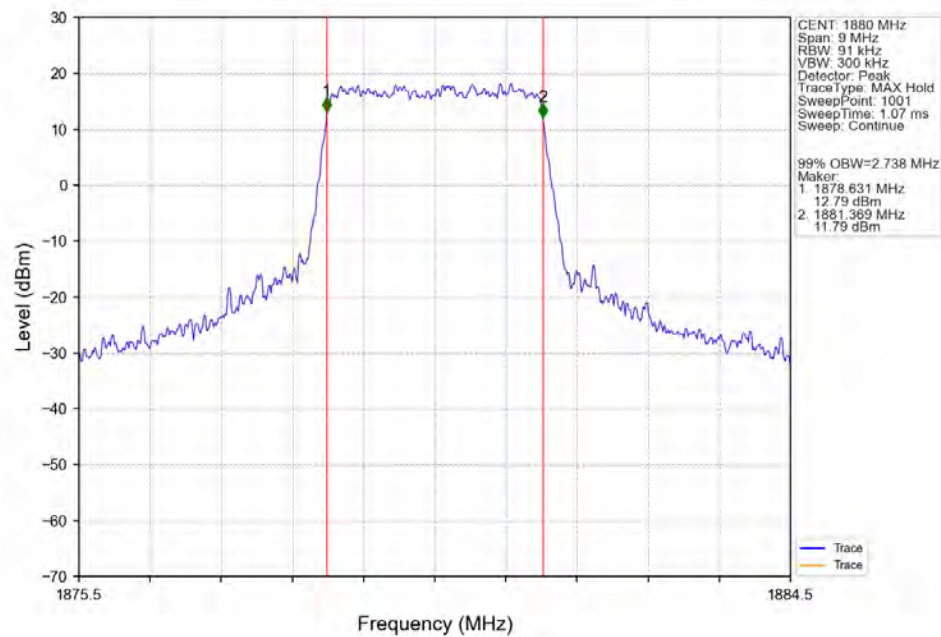
Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTNV



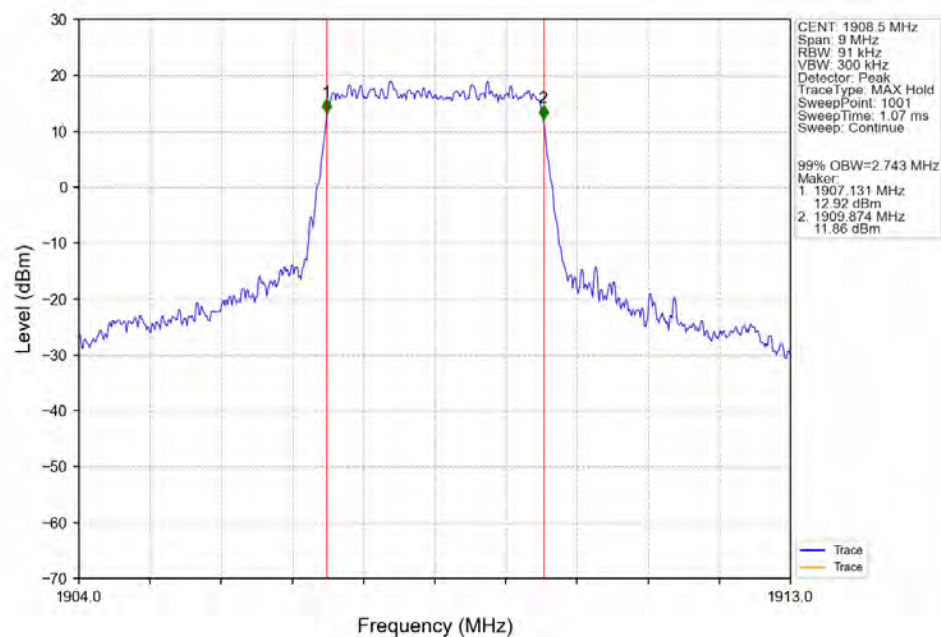
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



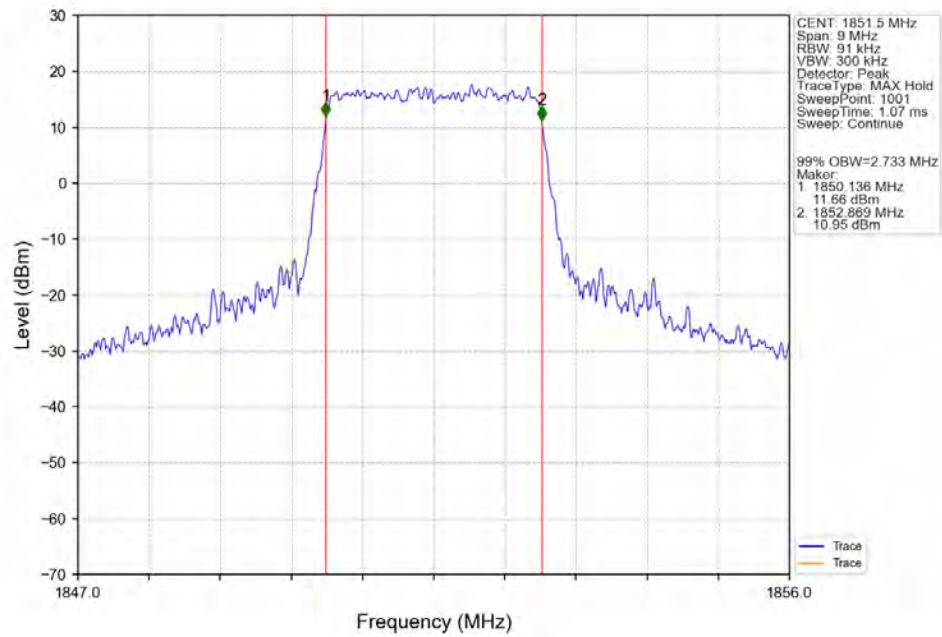
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



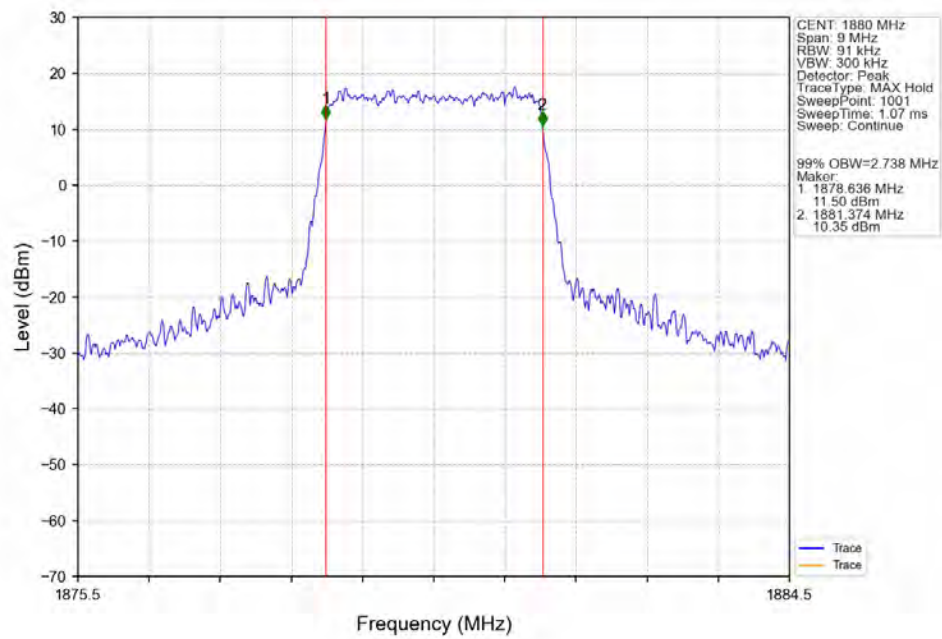
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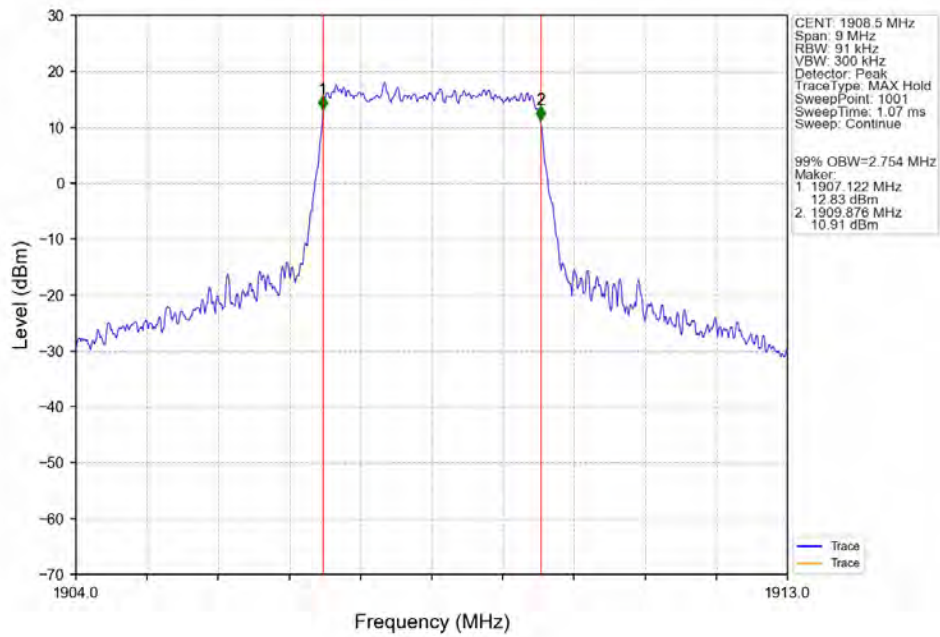
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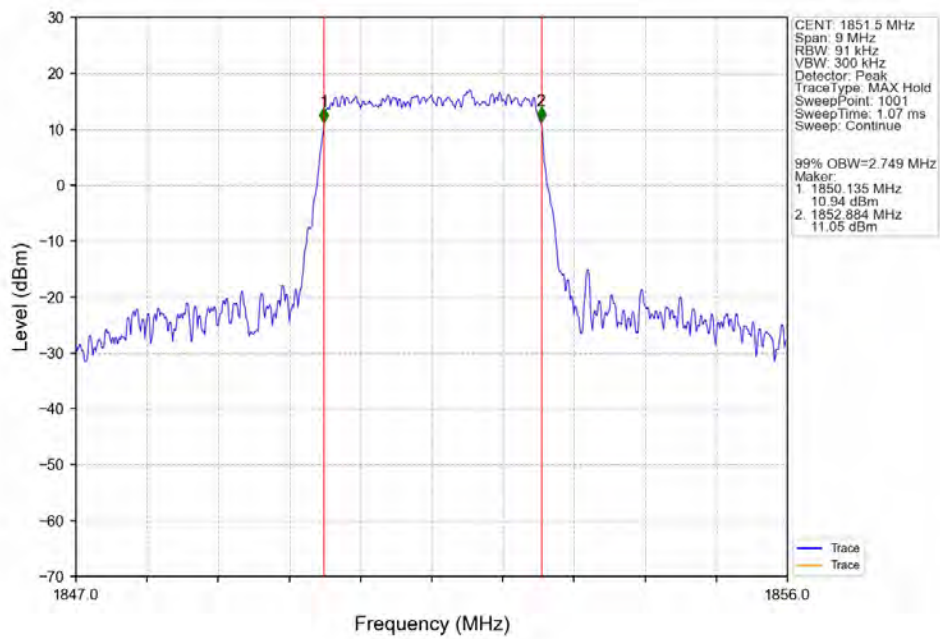
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



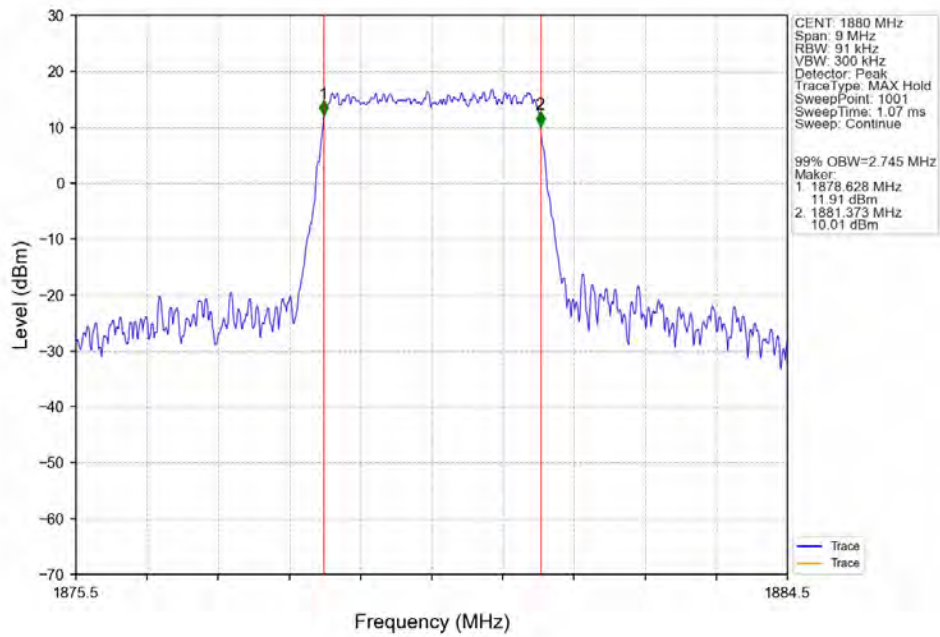
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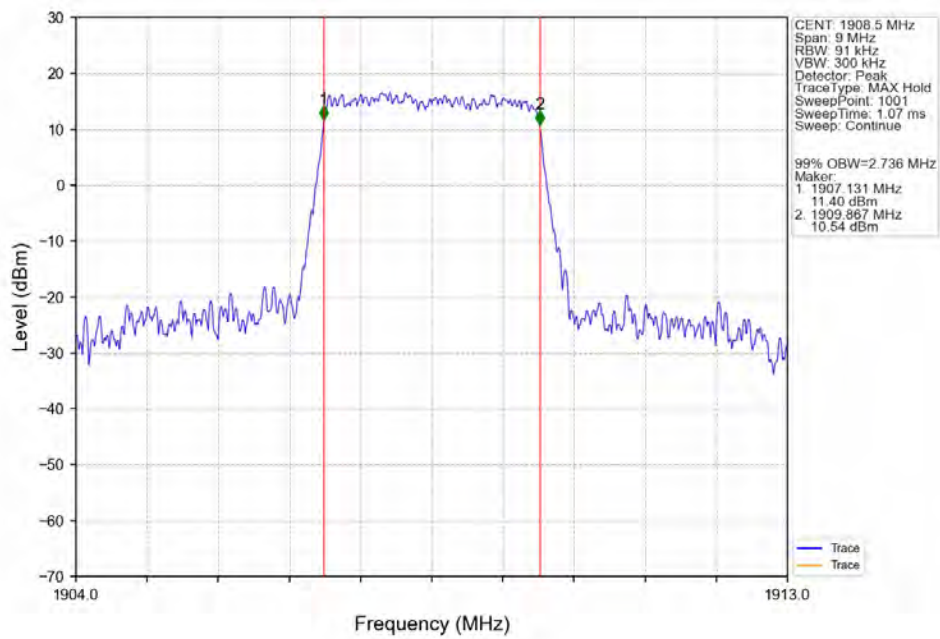
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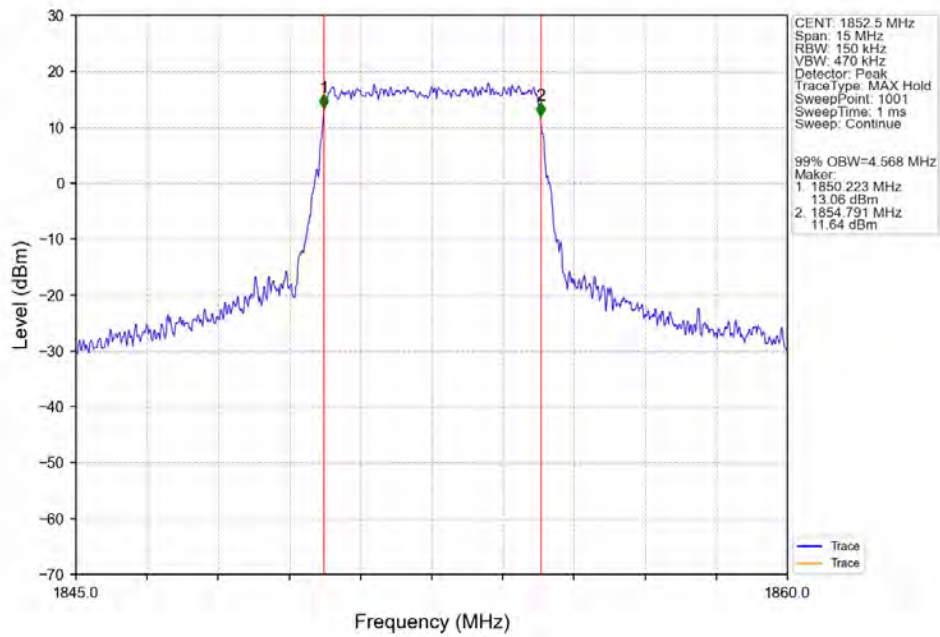
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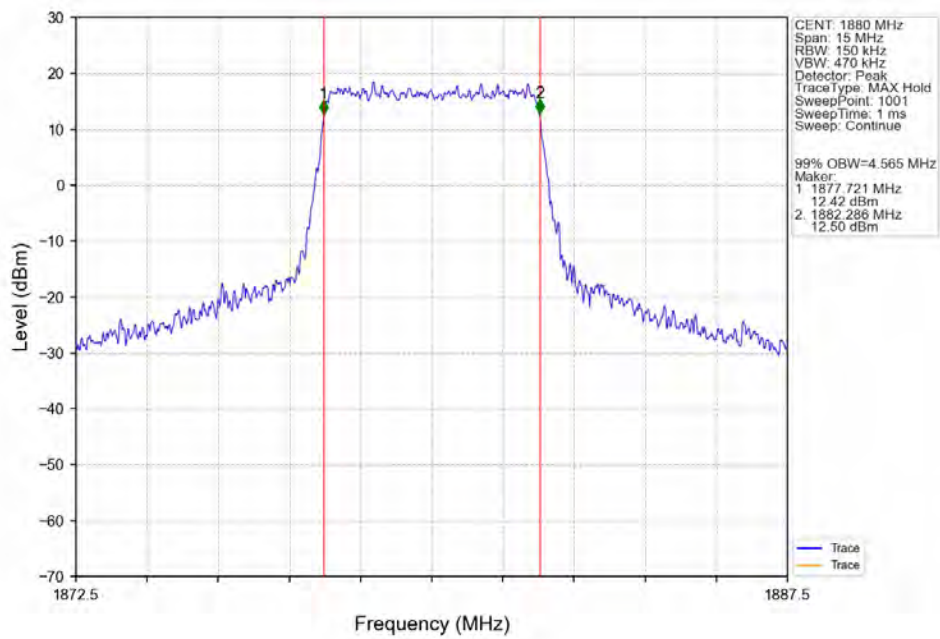
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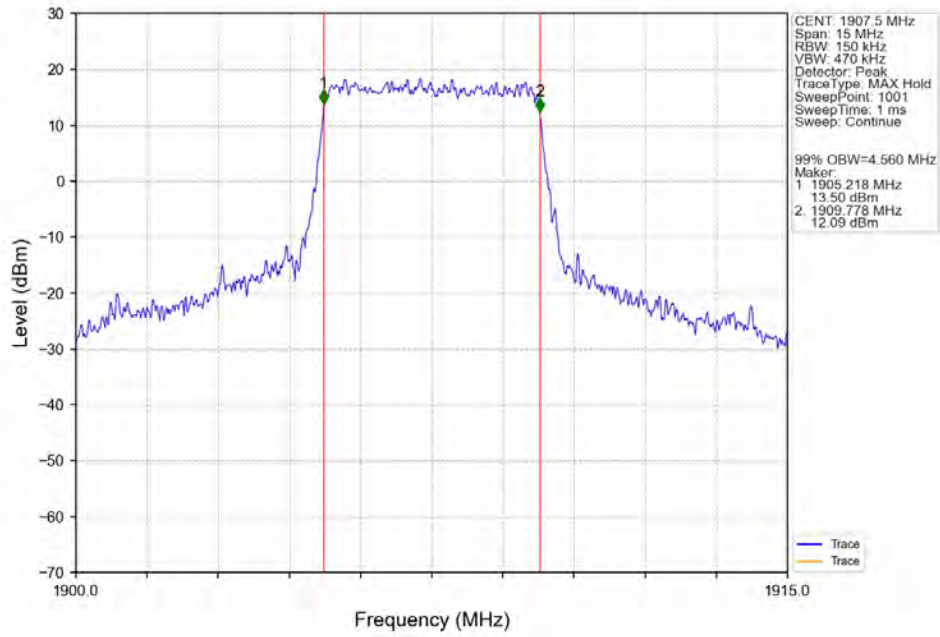
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



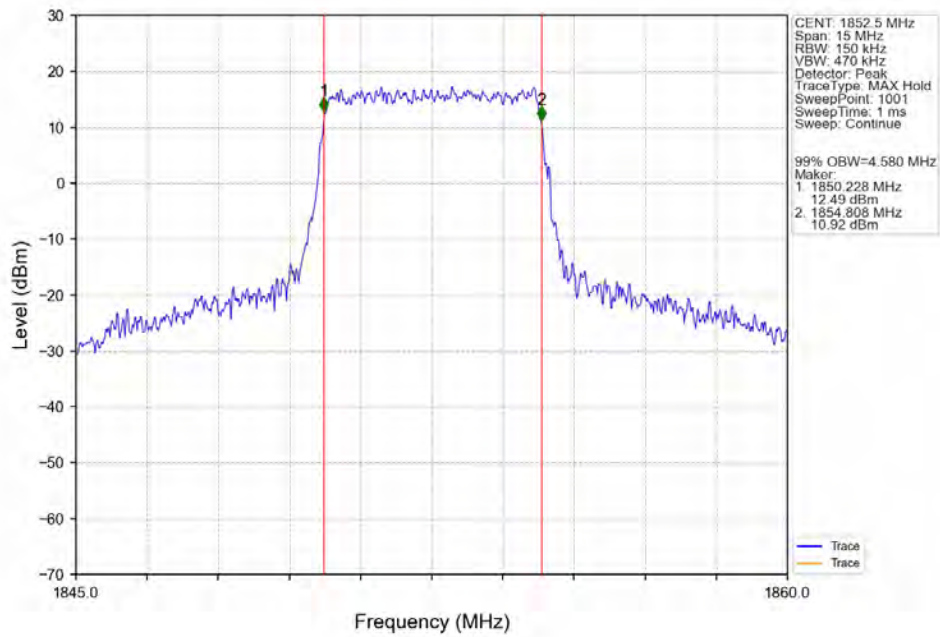
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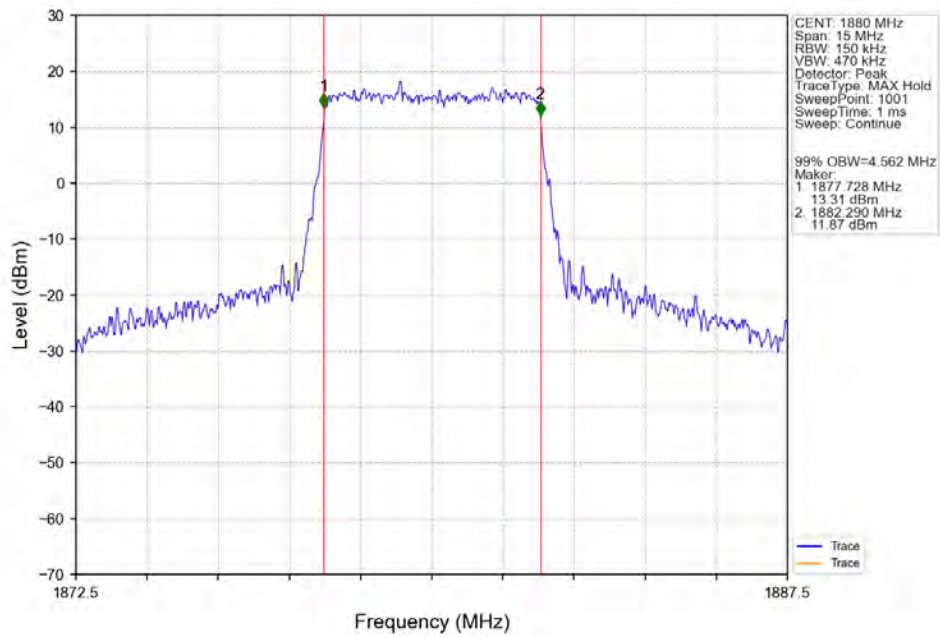
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTV



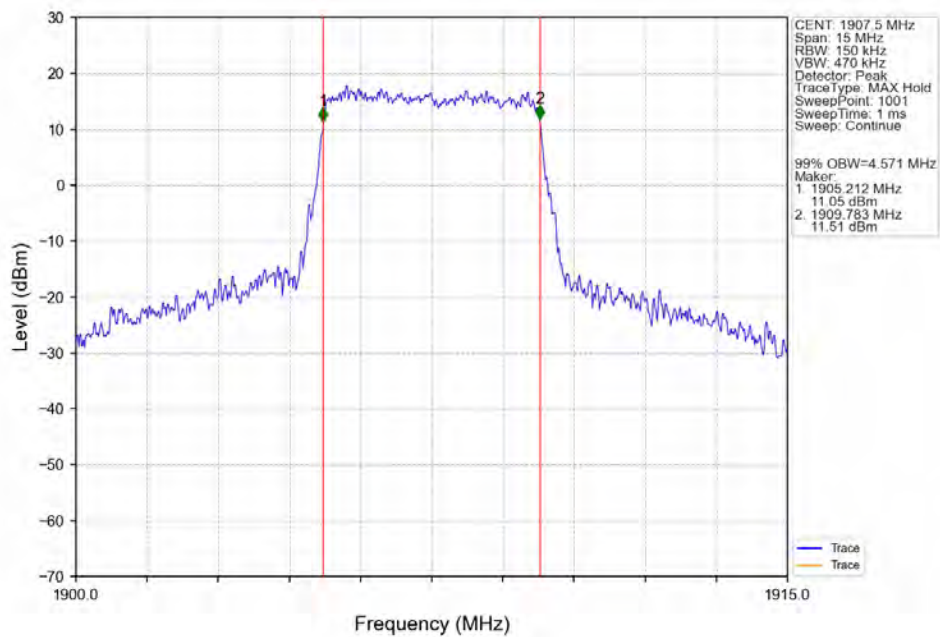
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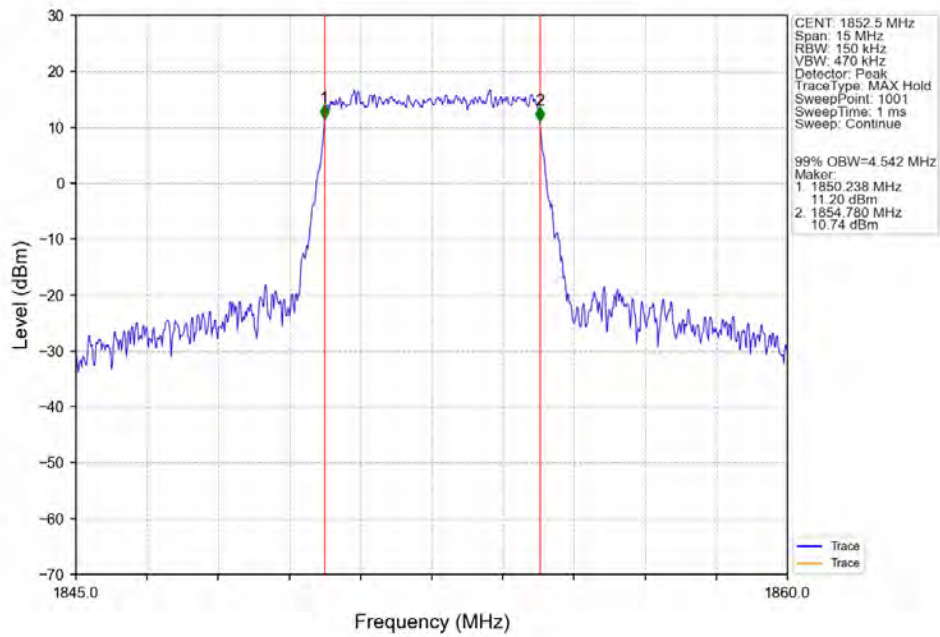
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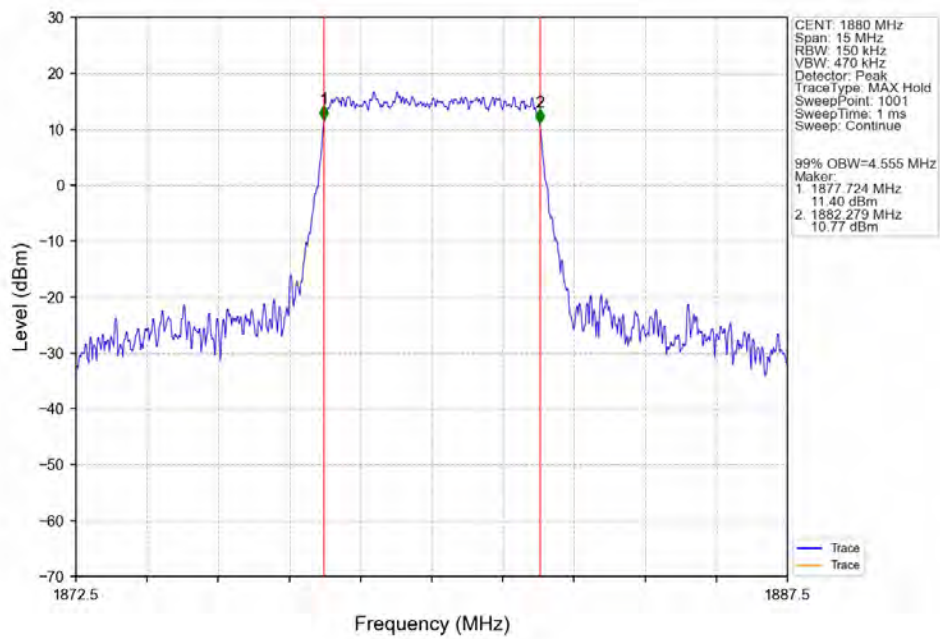
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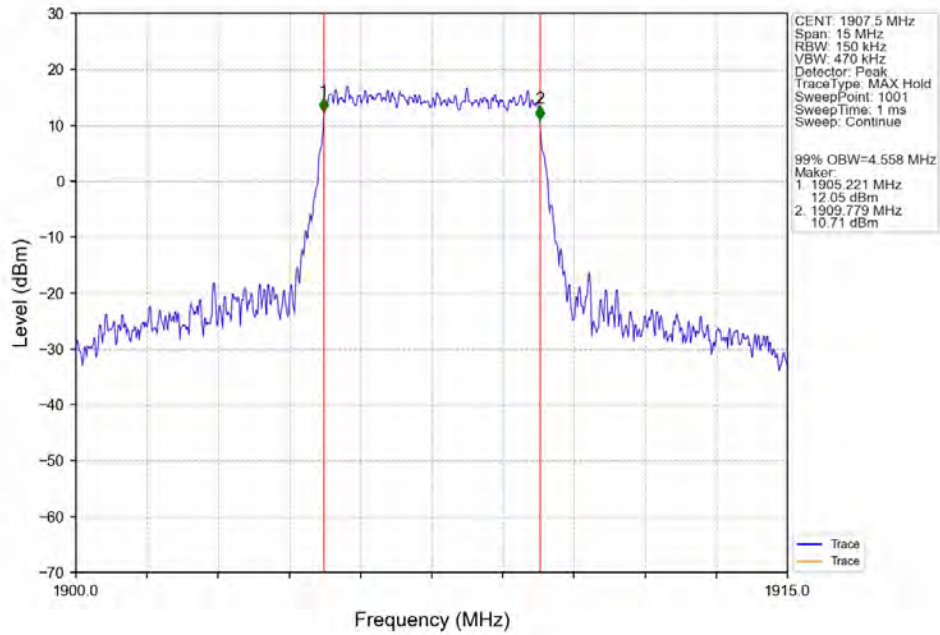
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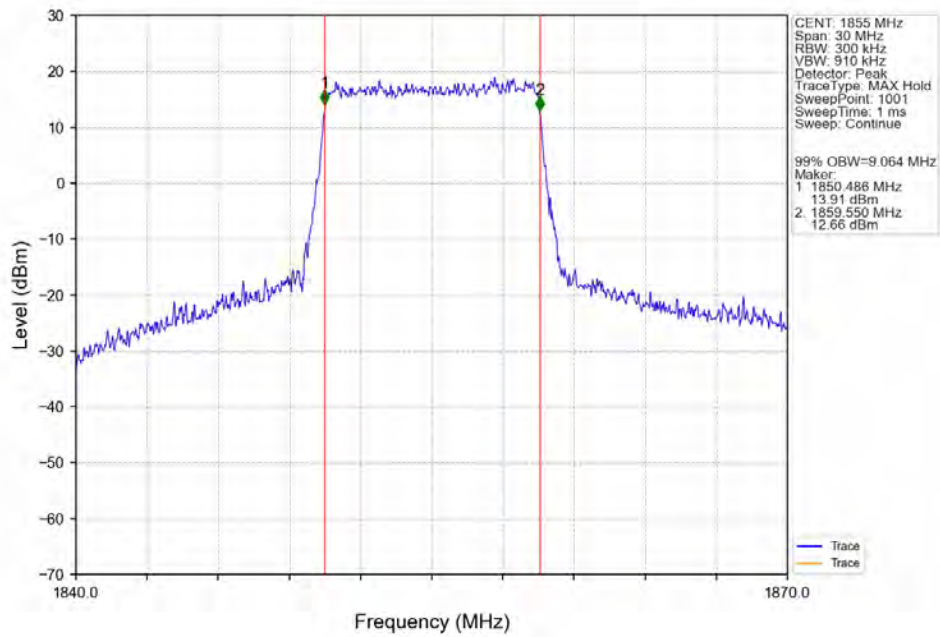
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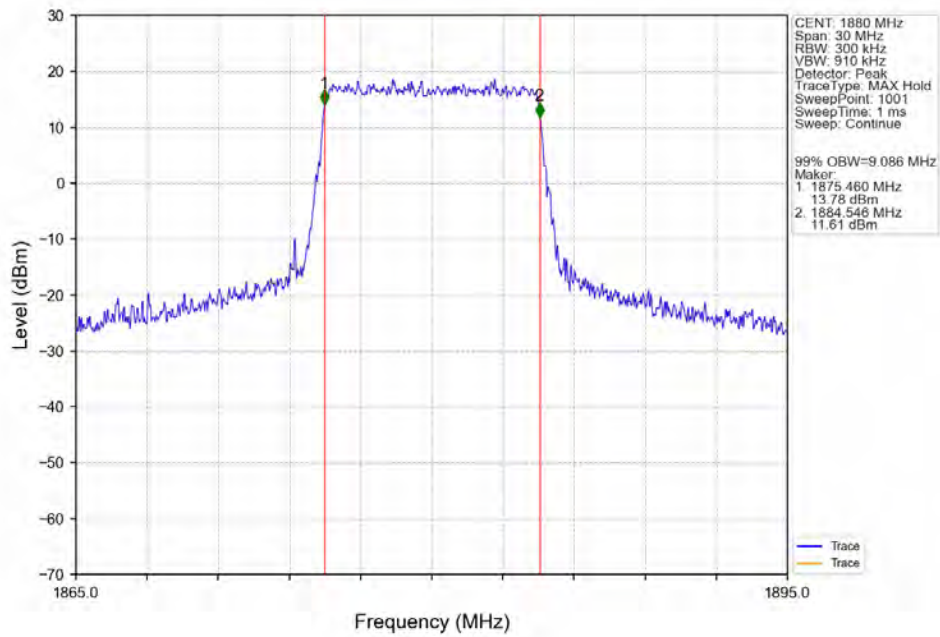
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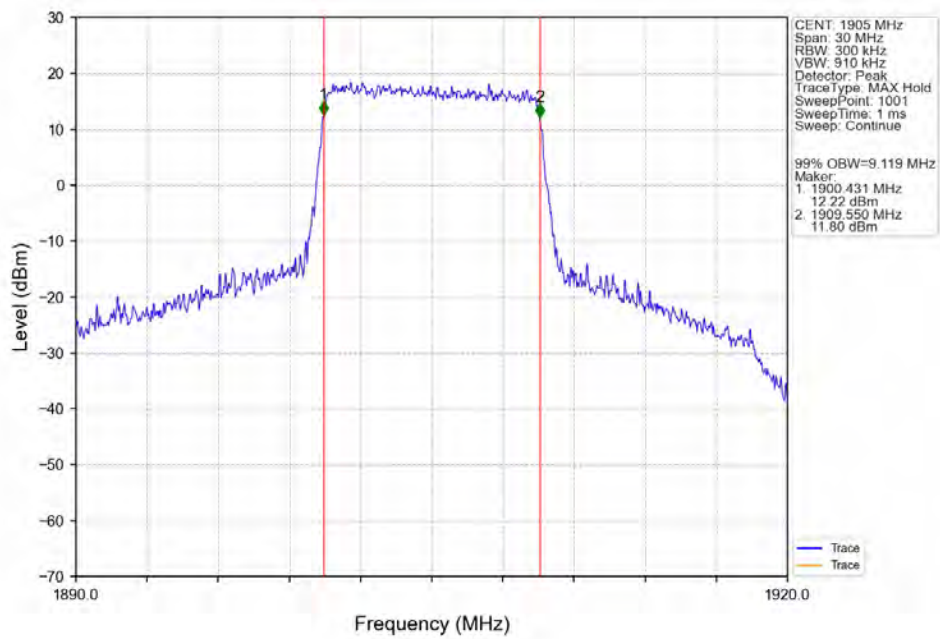
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



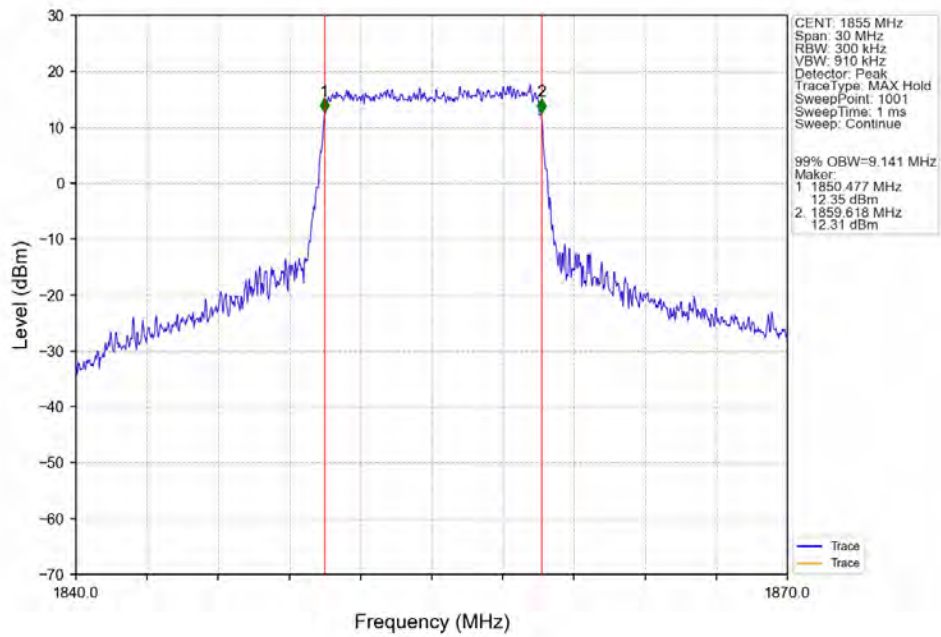
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



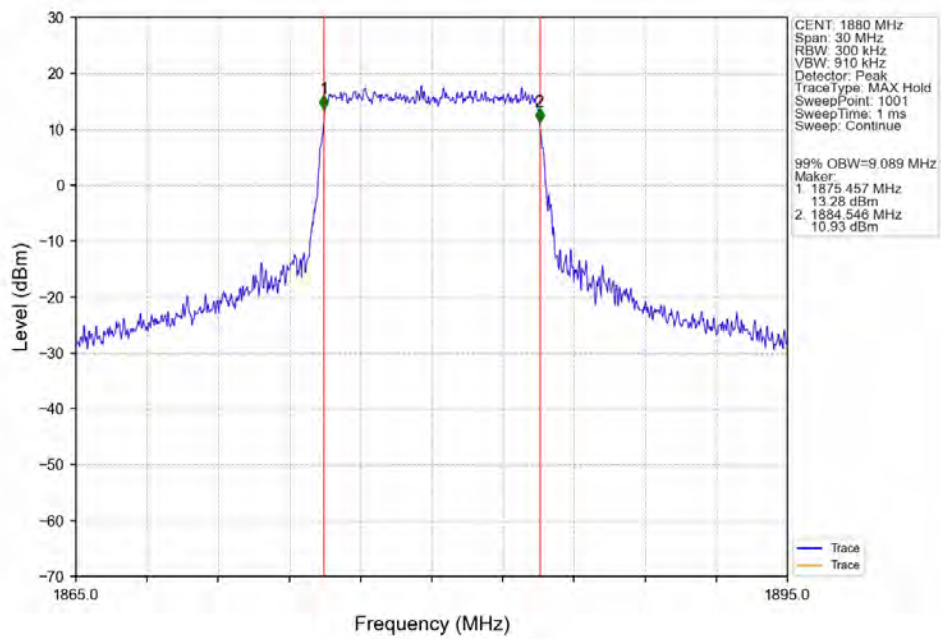
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



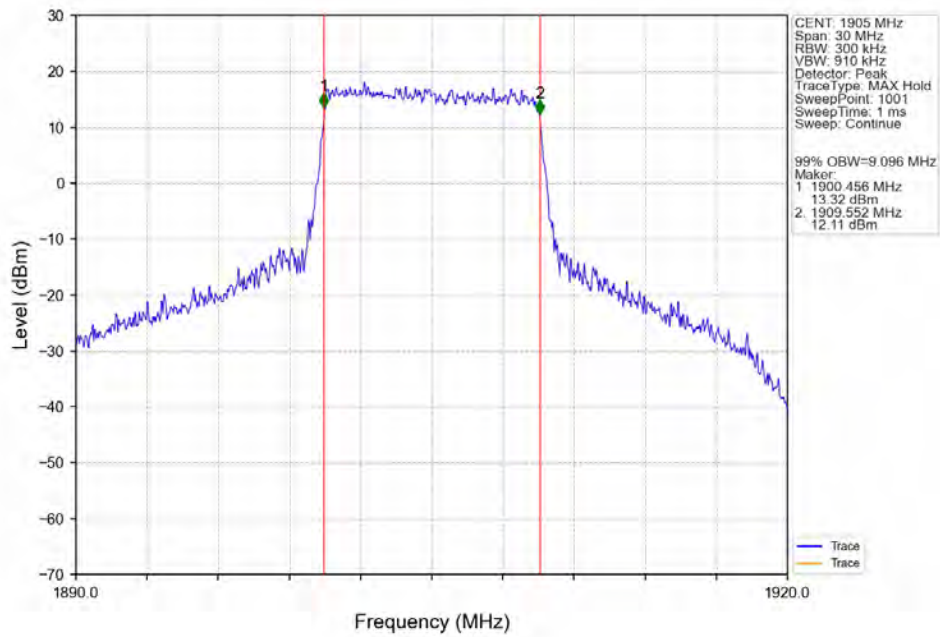
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



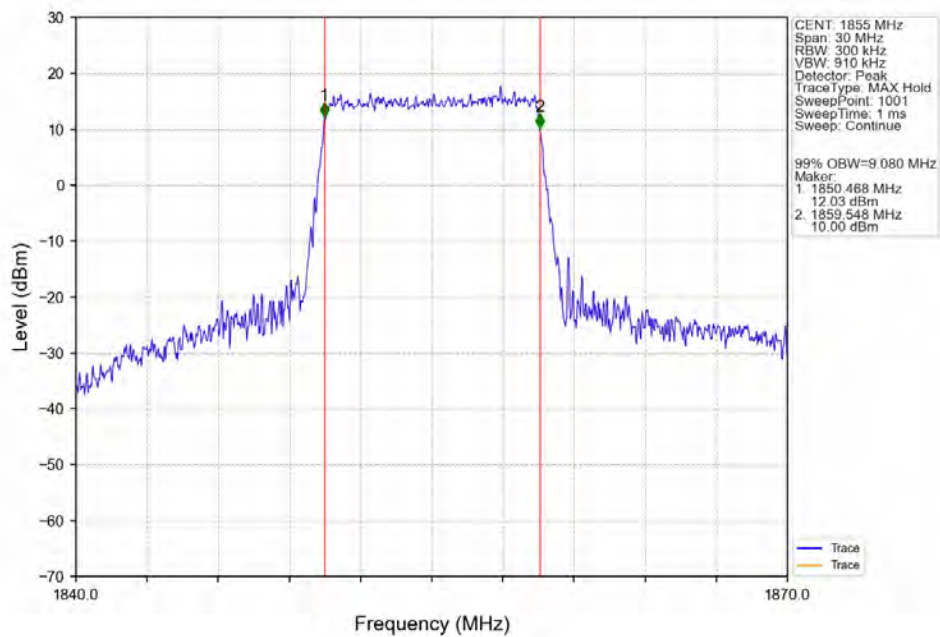
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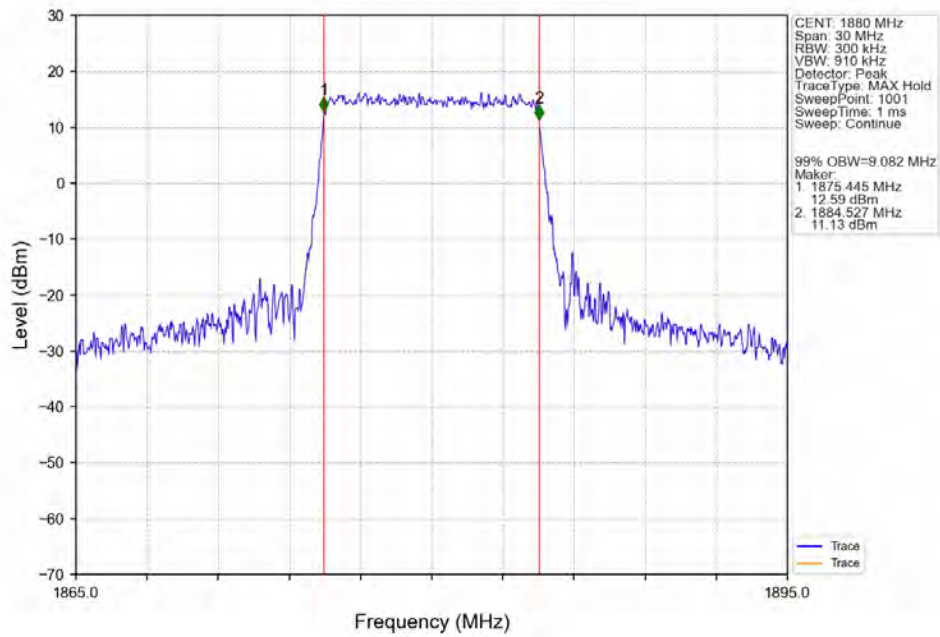
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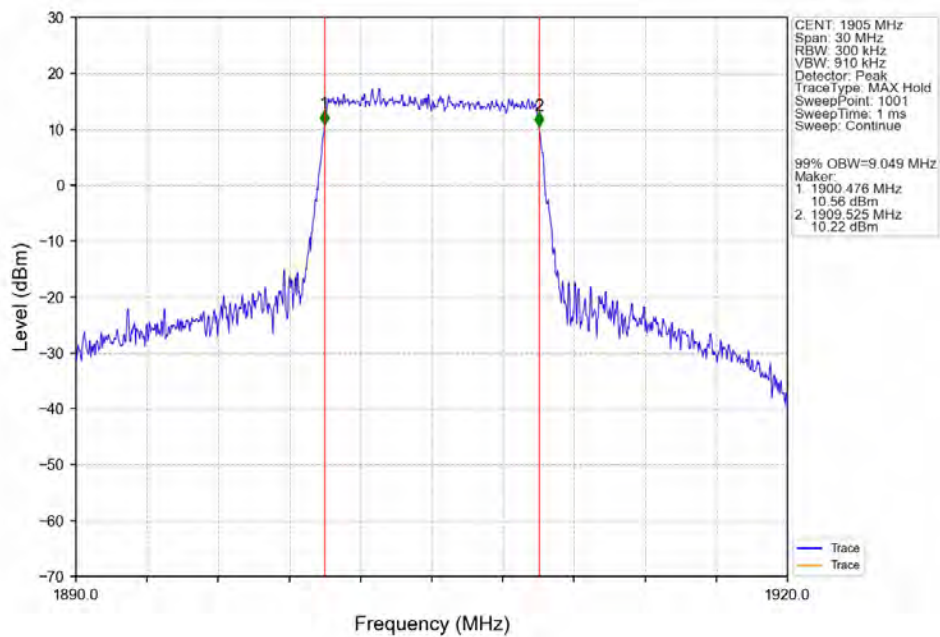
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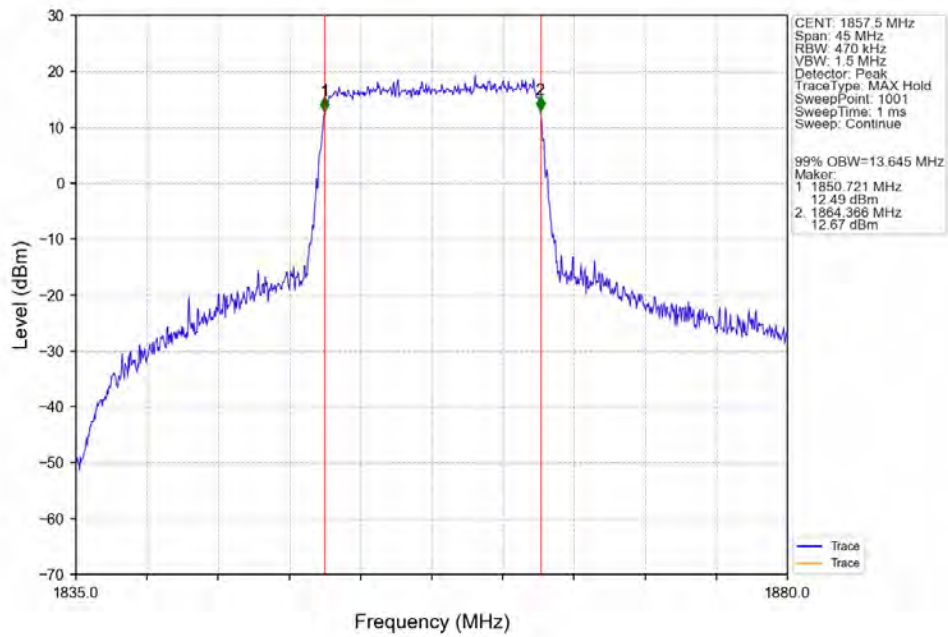
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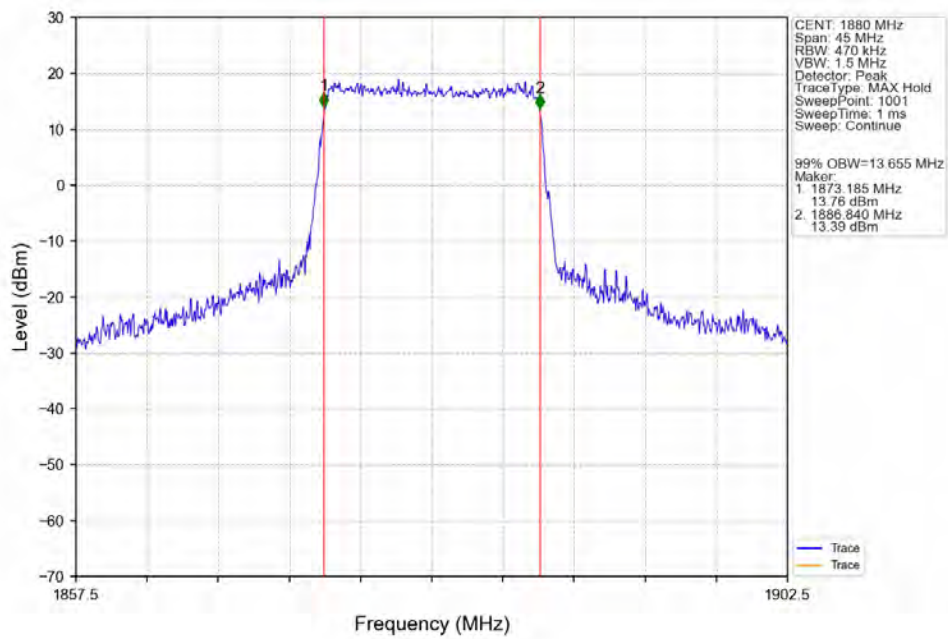
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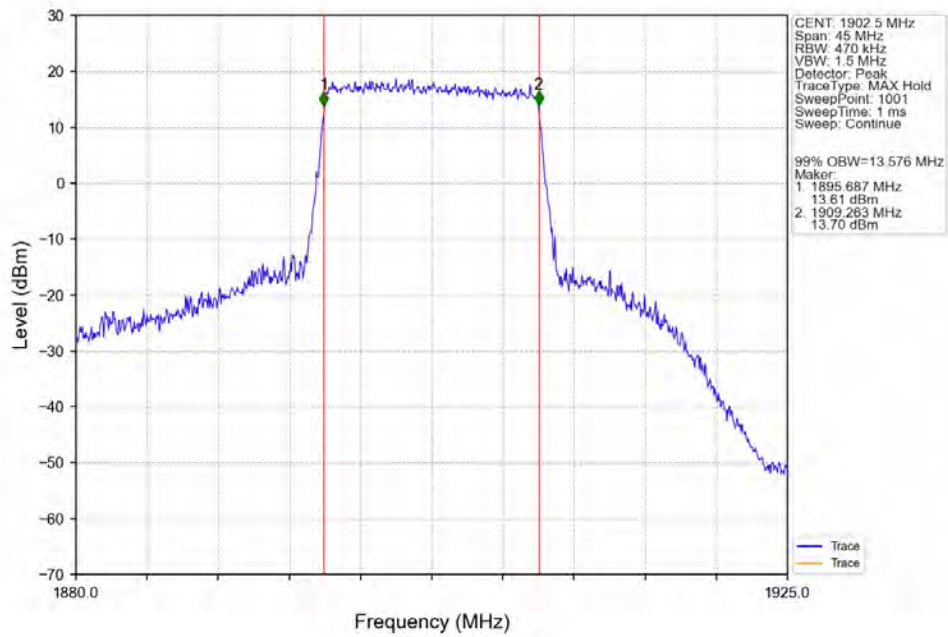
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



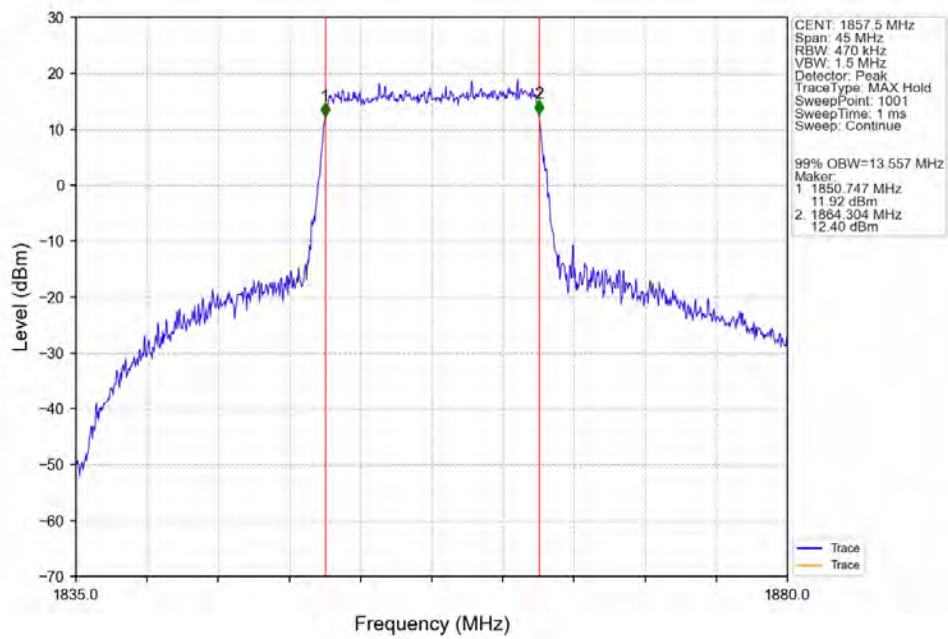
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



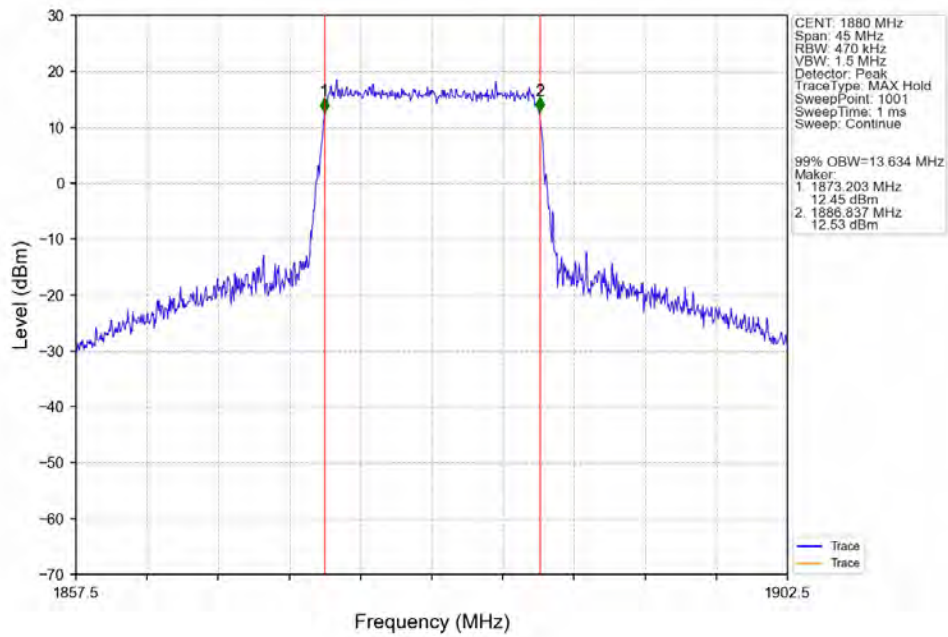
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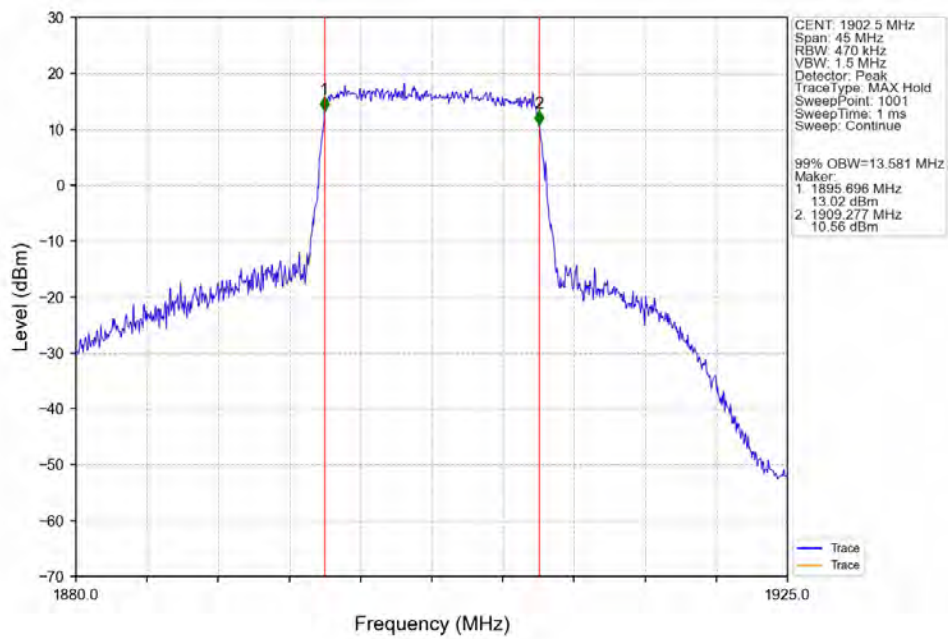
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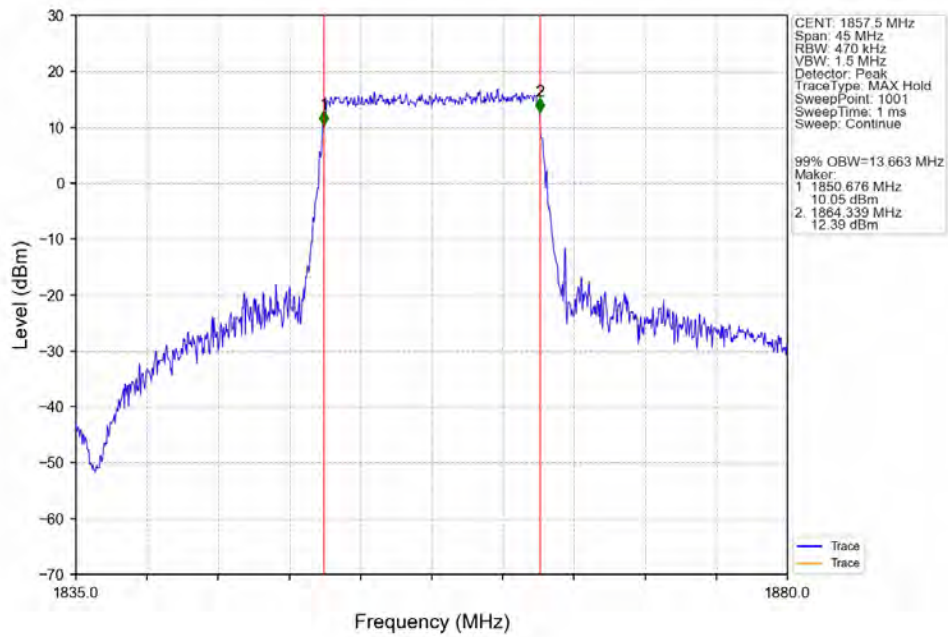
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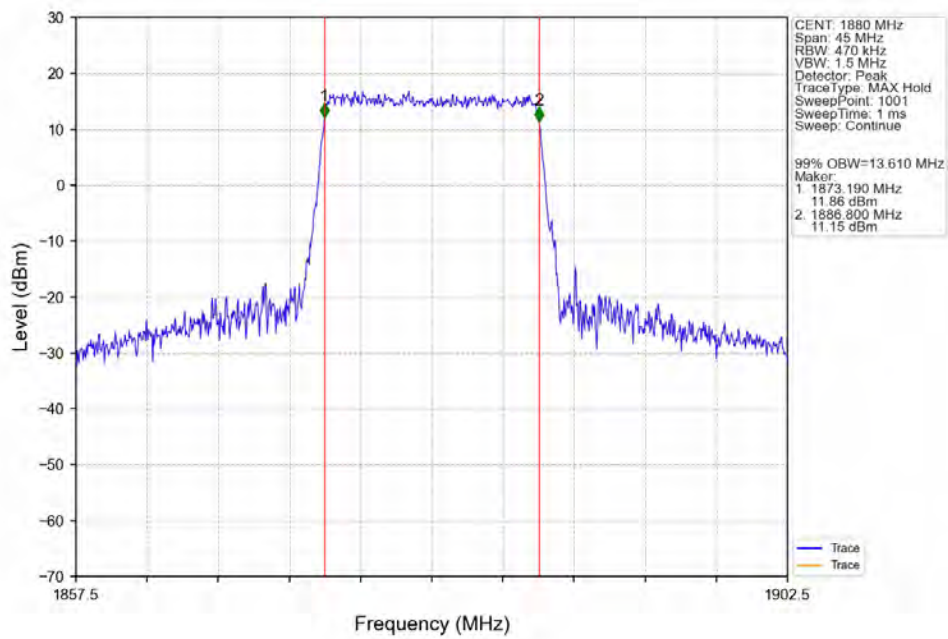
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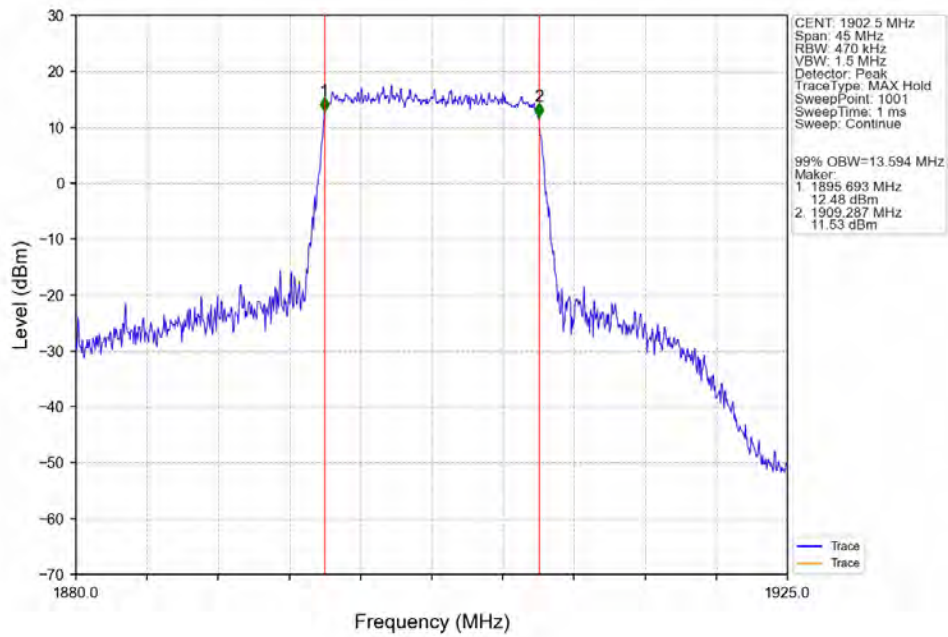
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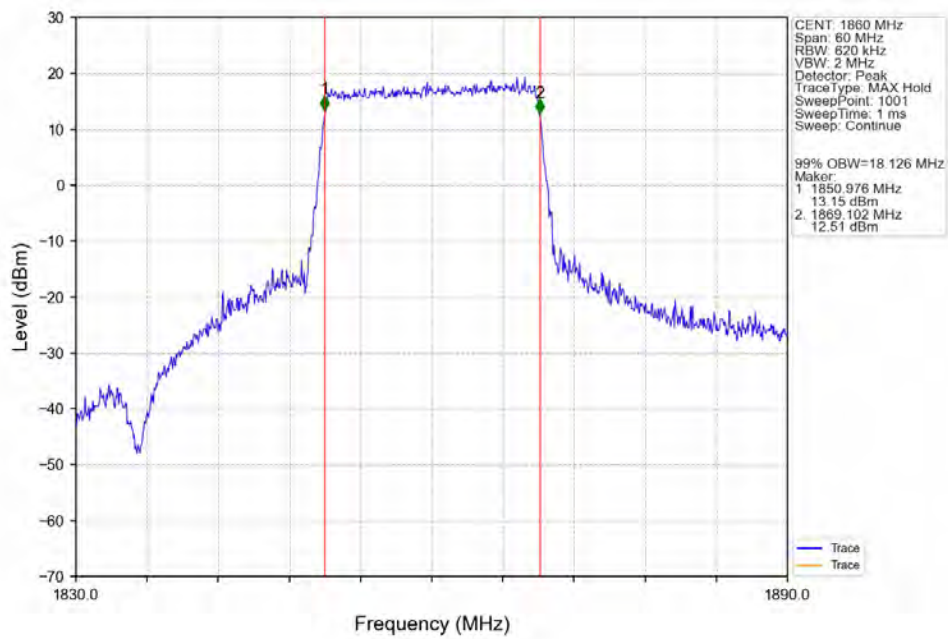
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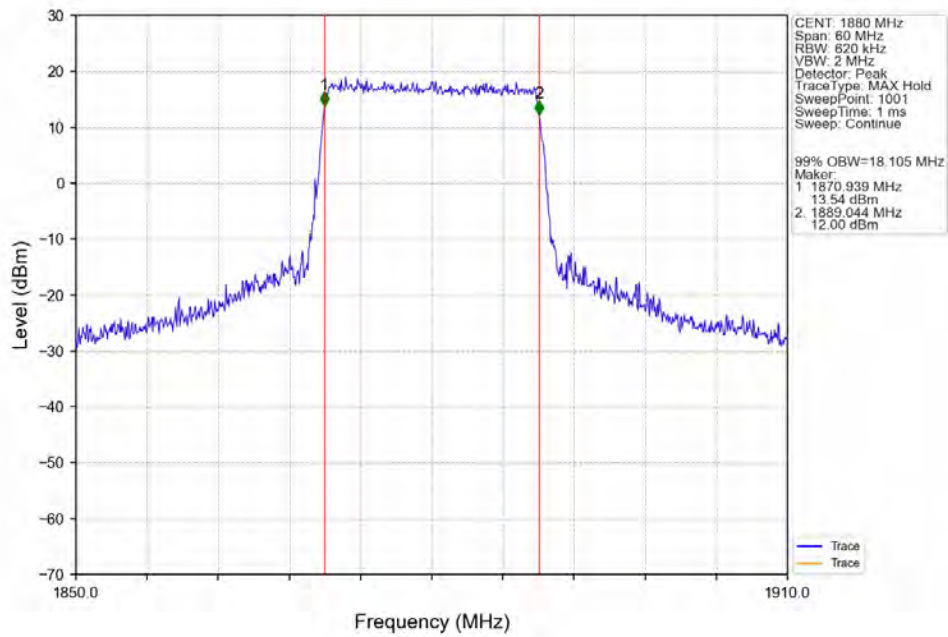
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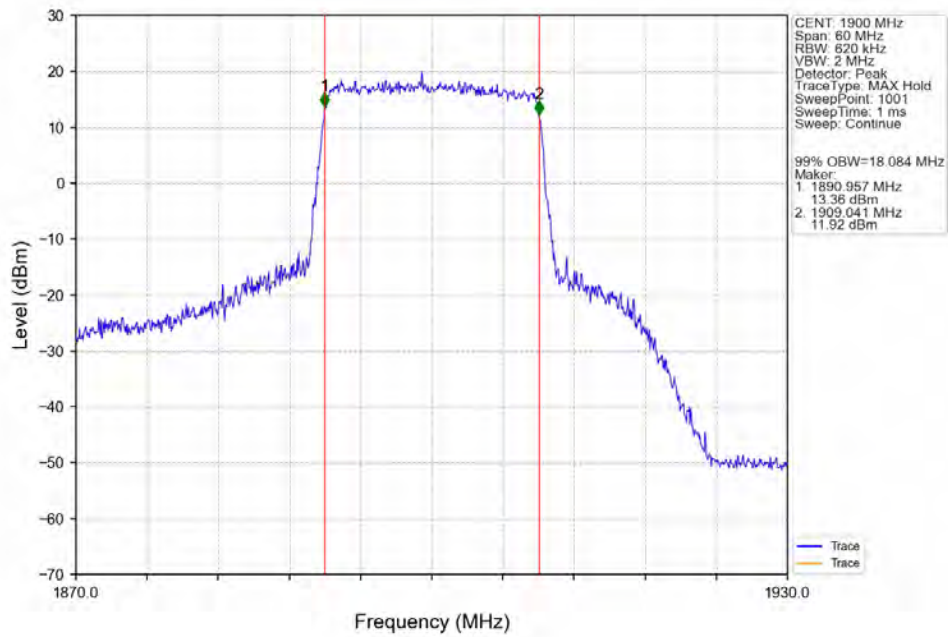
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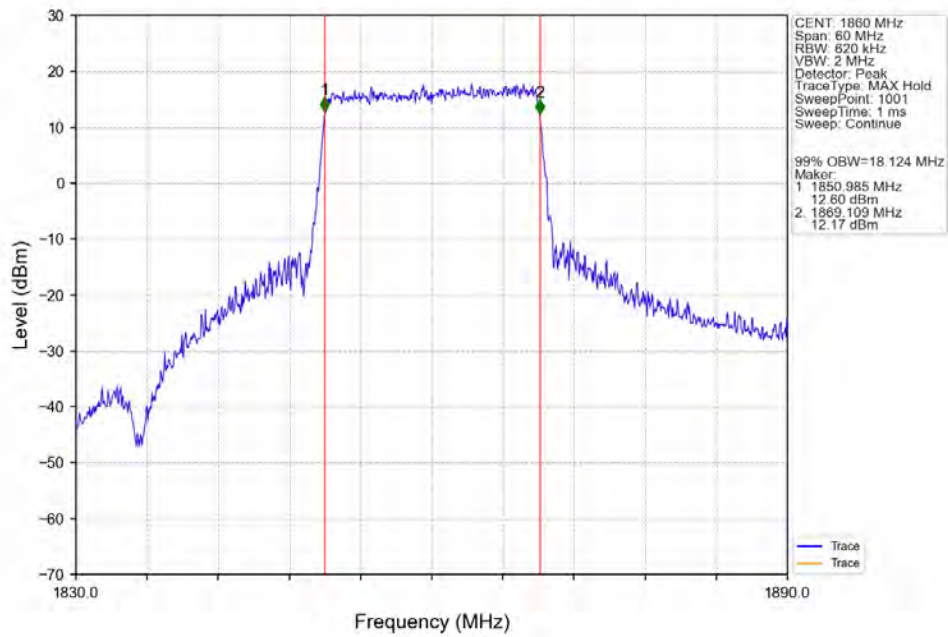
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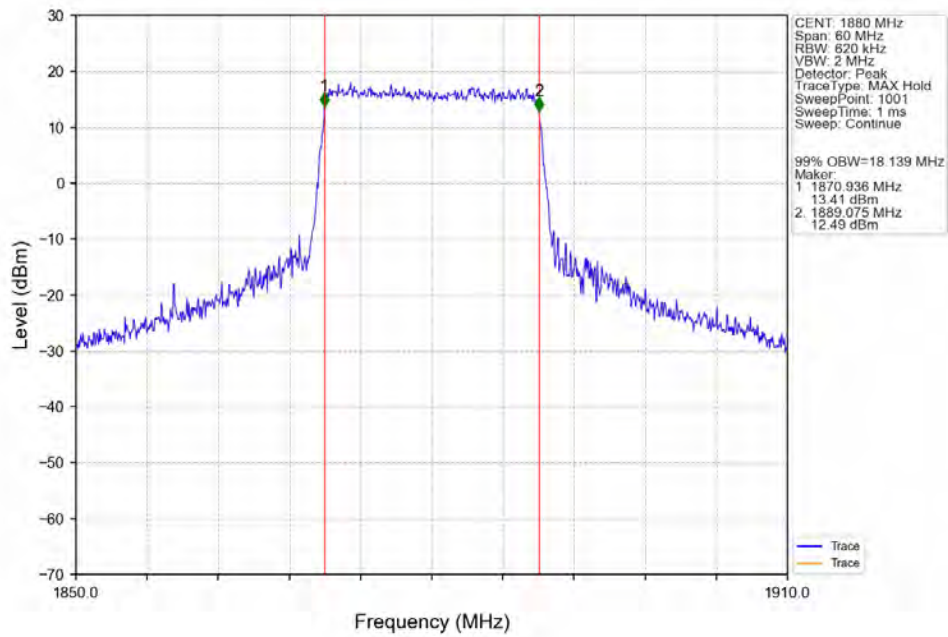
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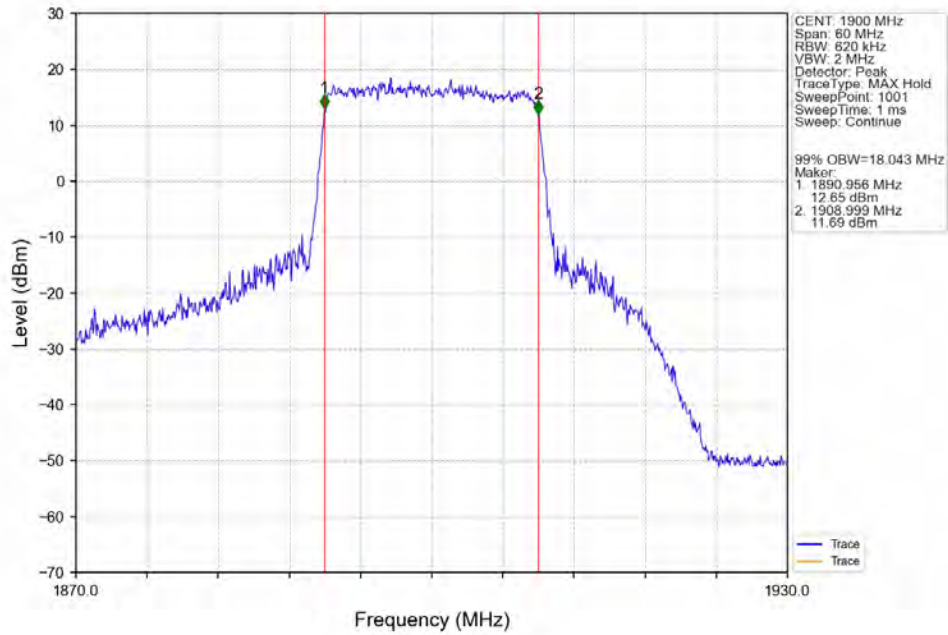
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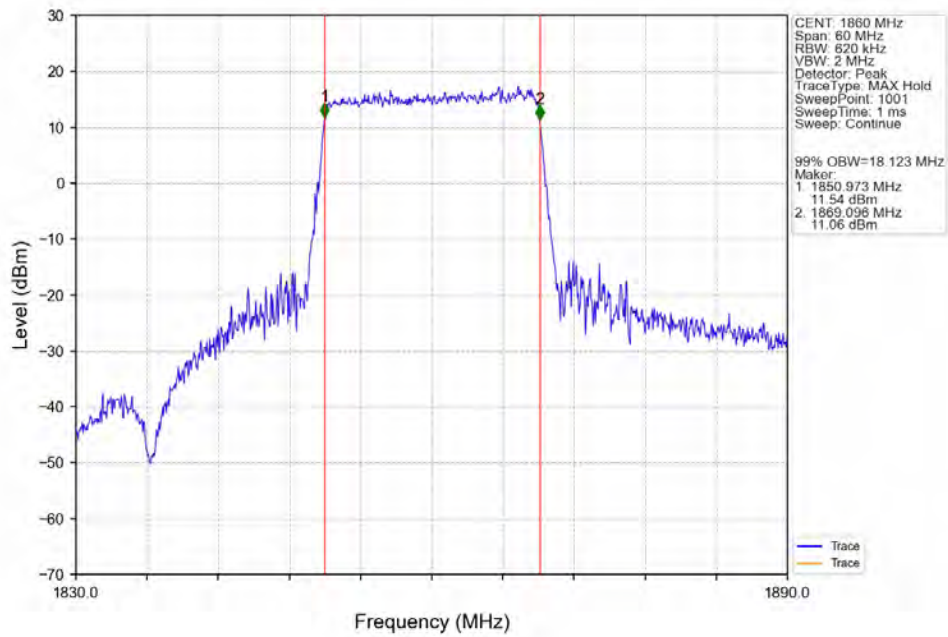
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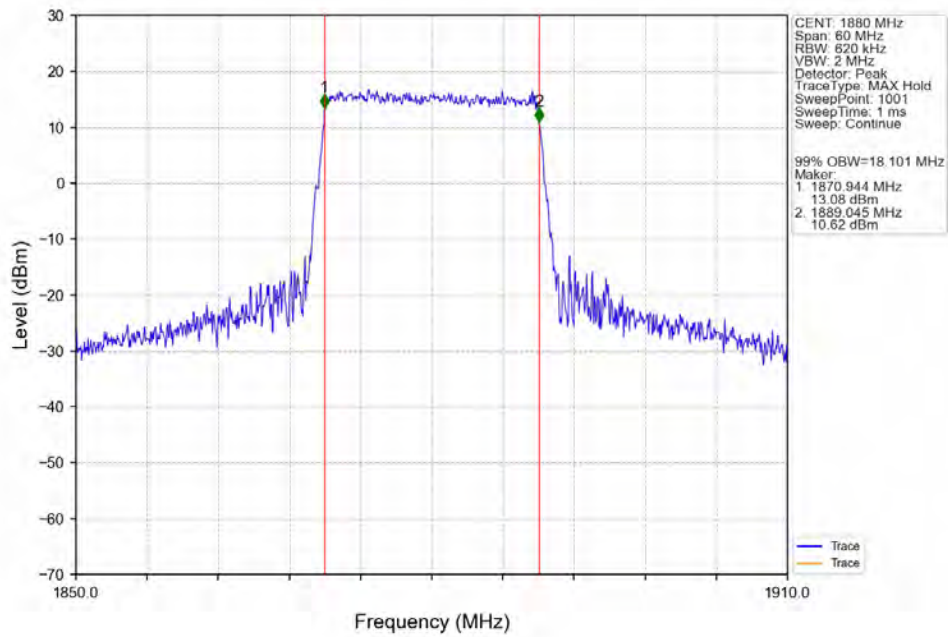
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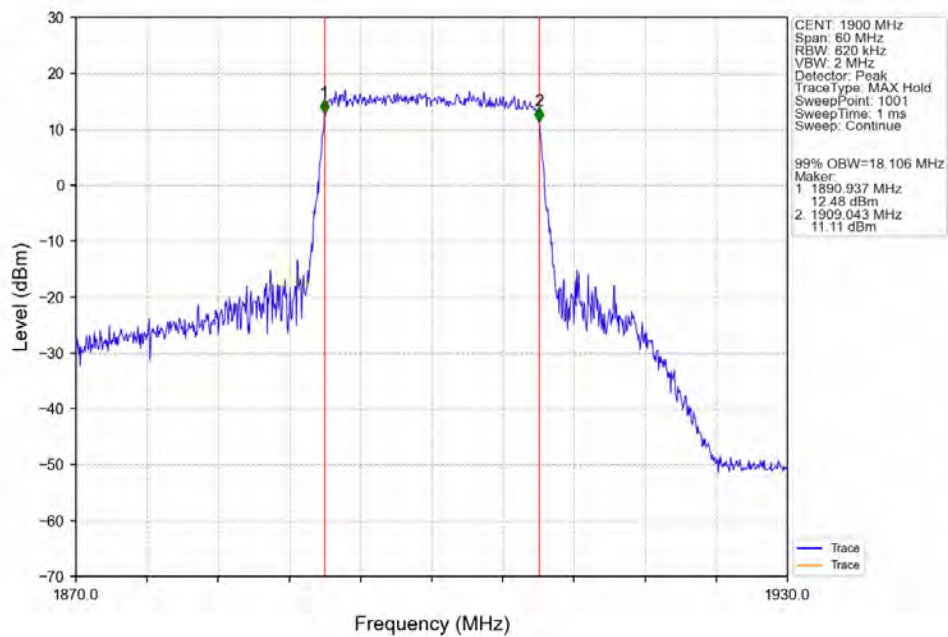
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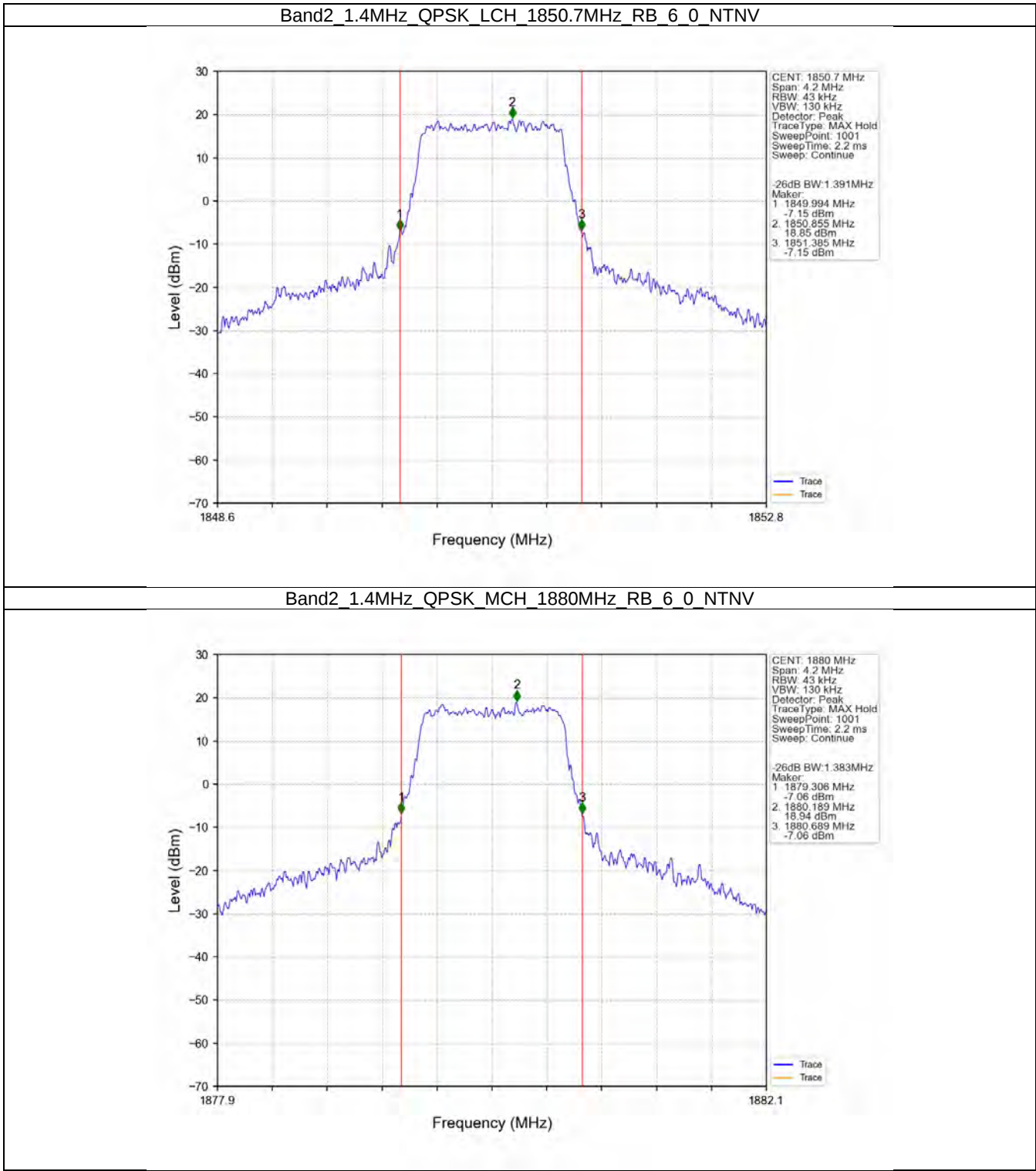
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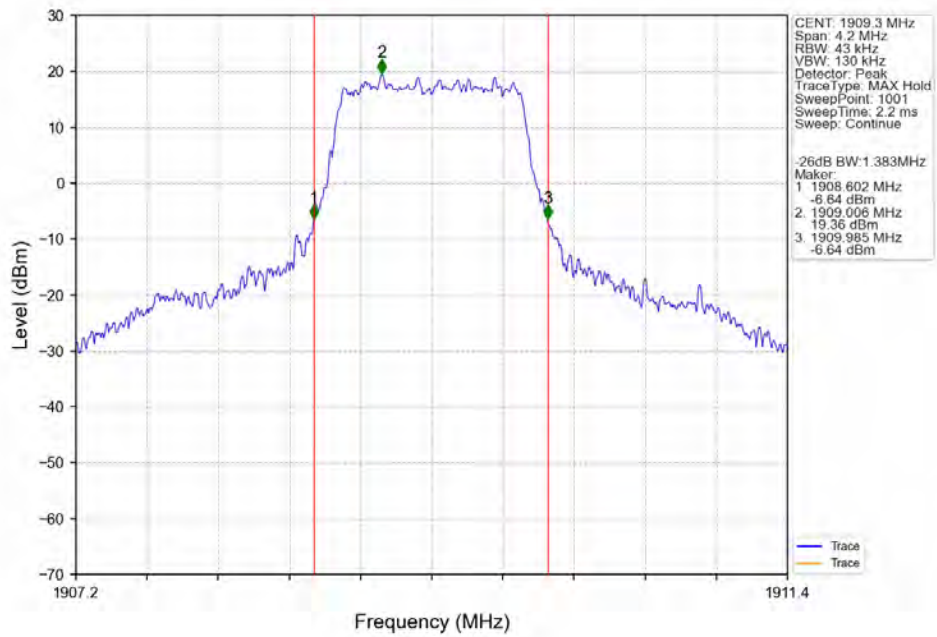
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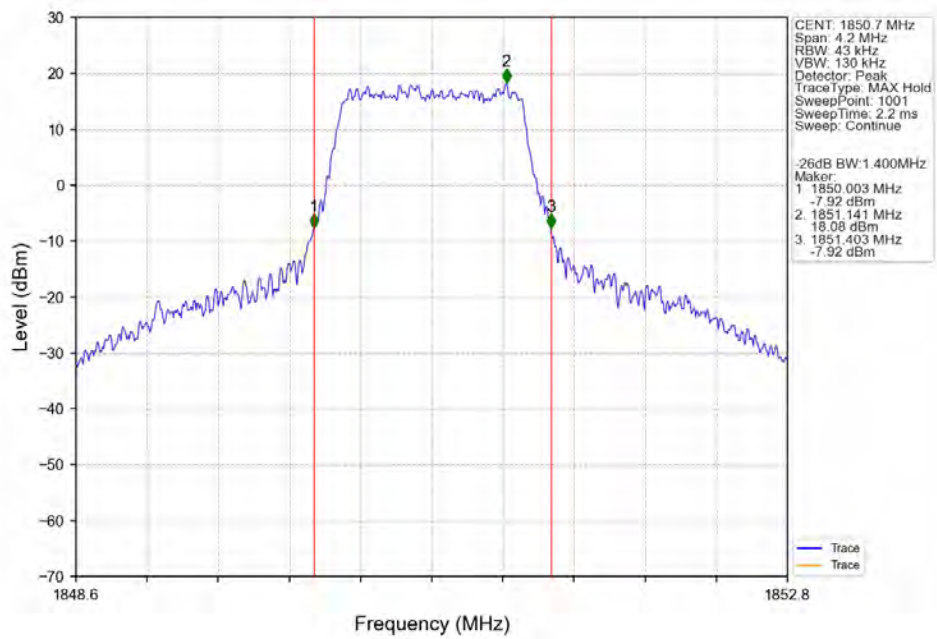
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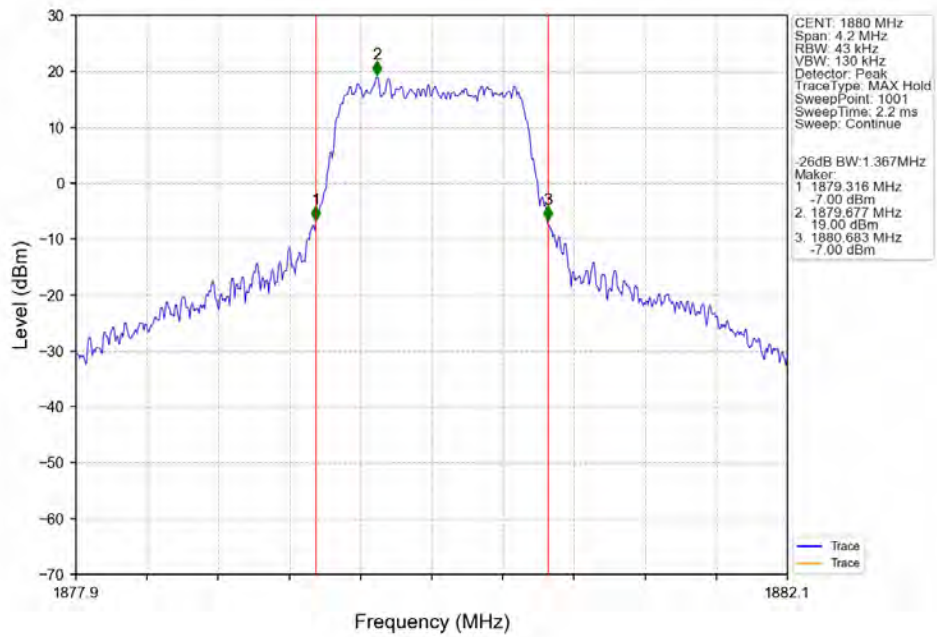
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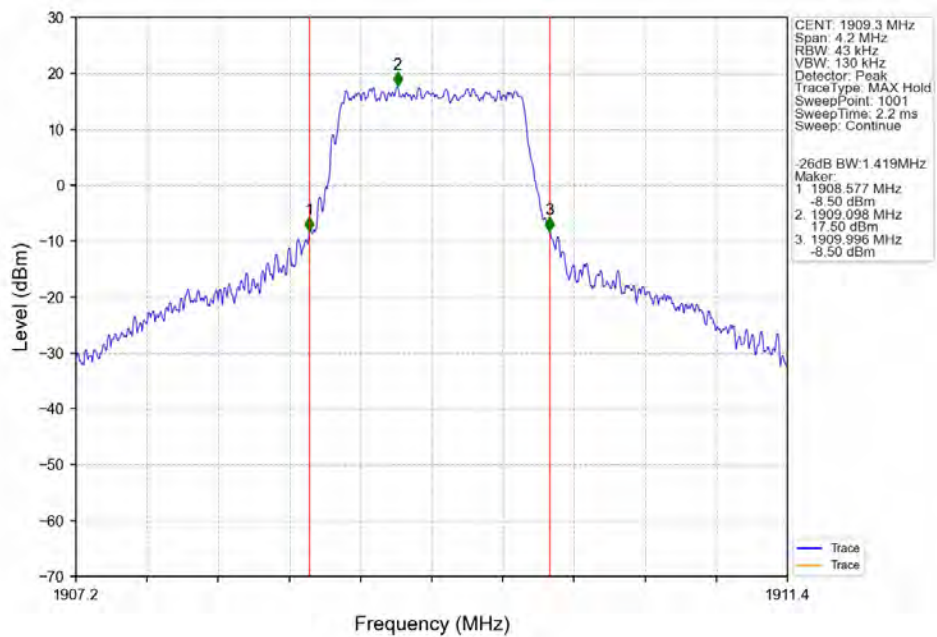
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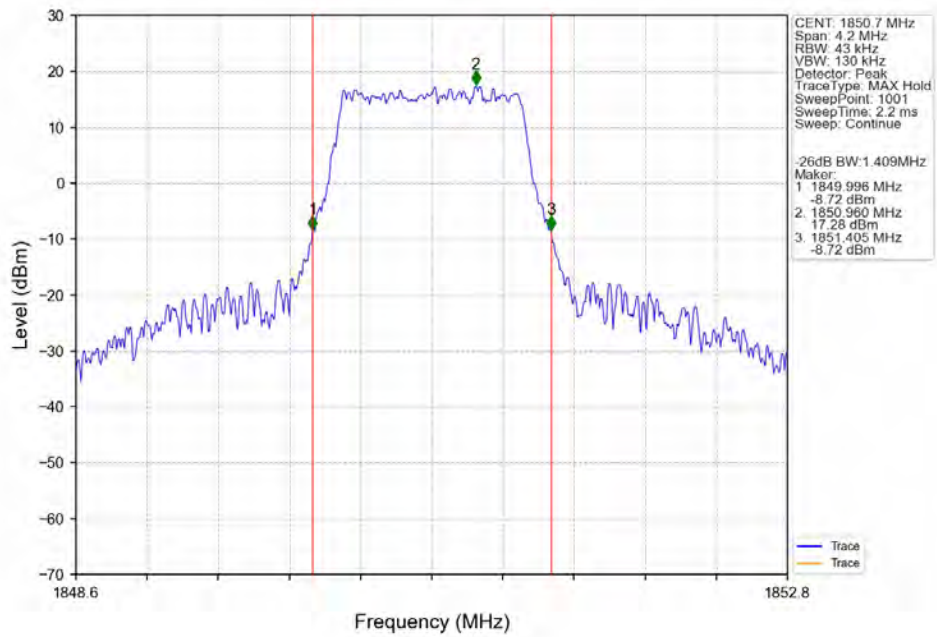
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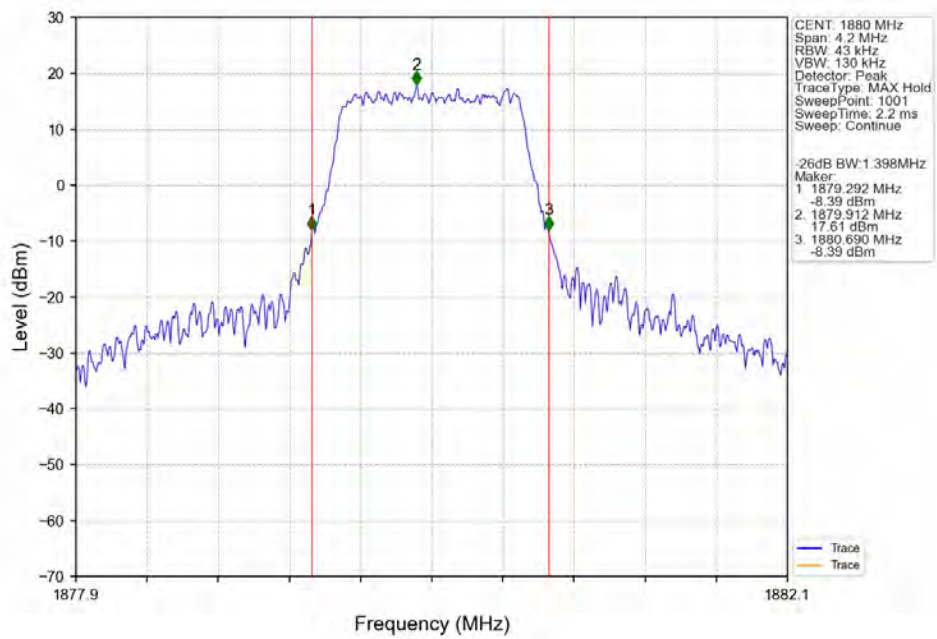
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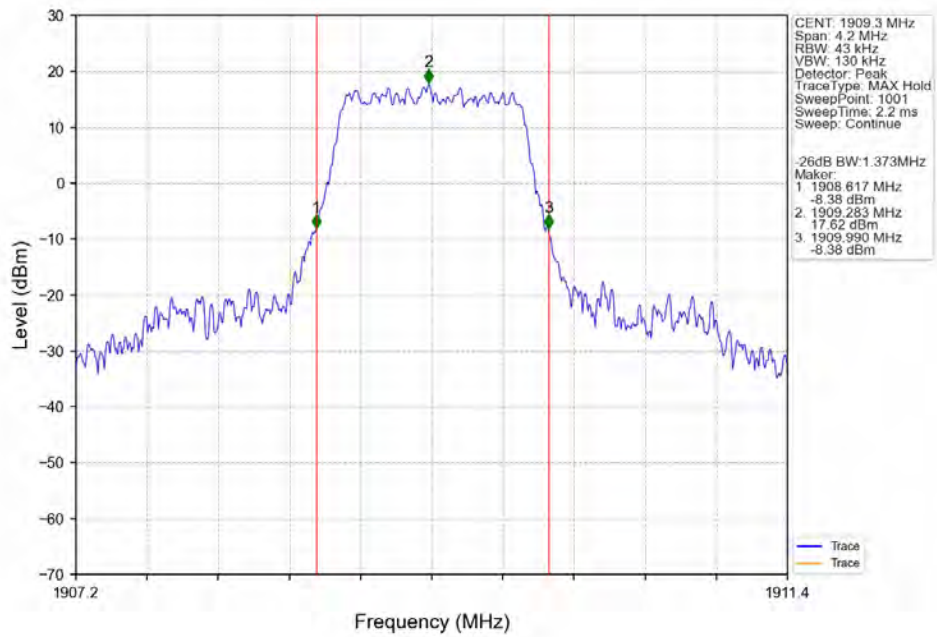
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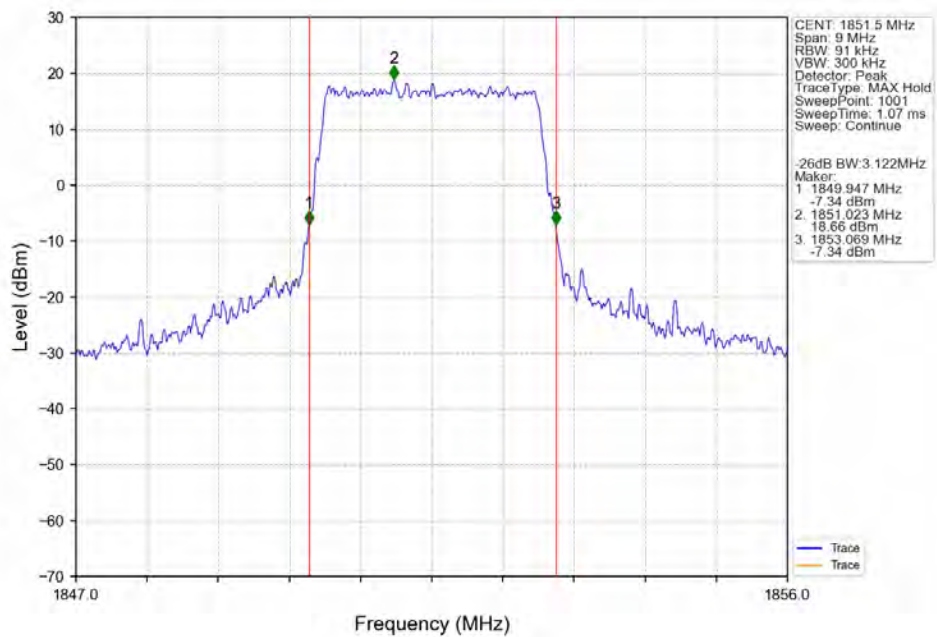
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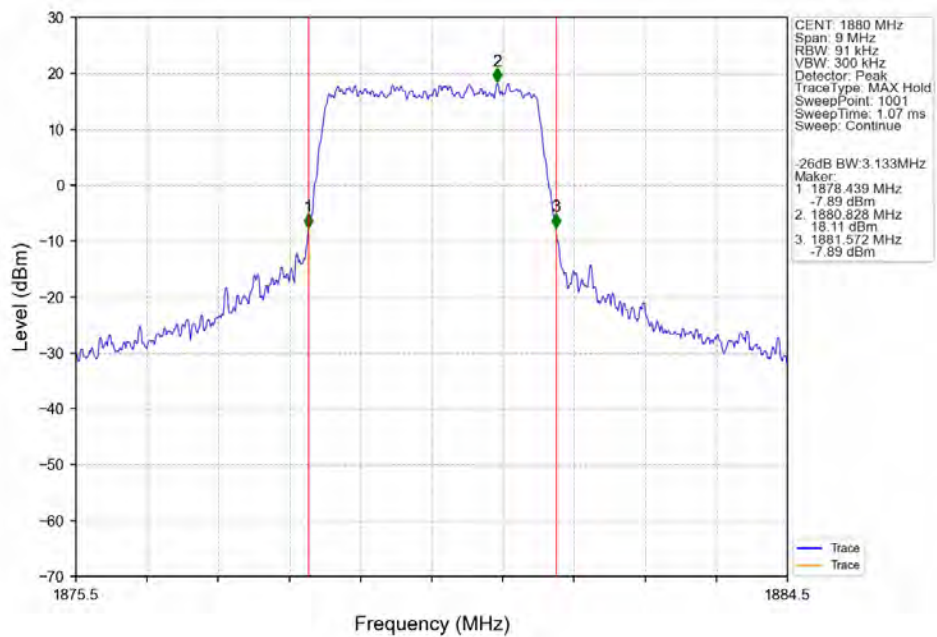
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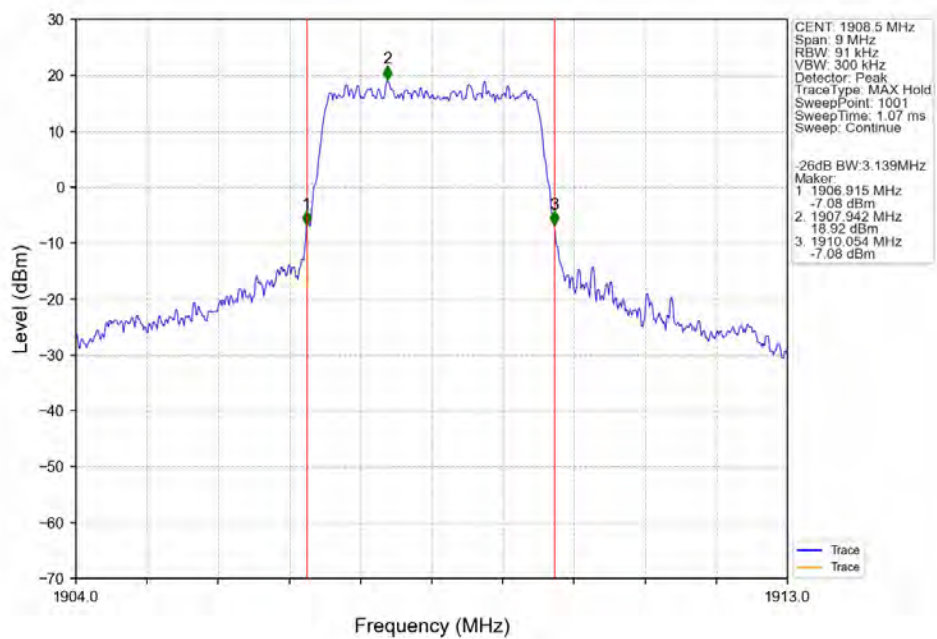
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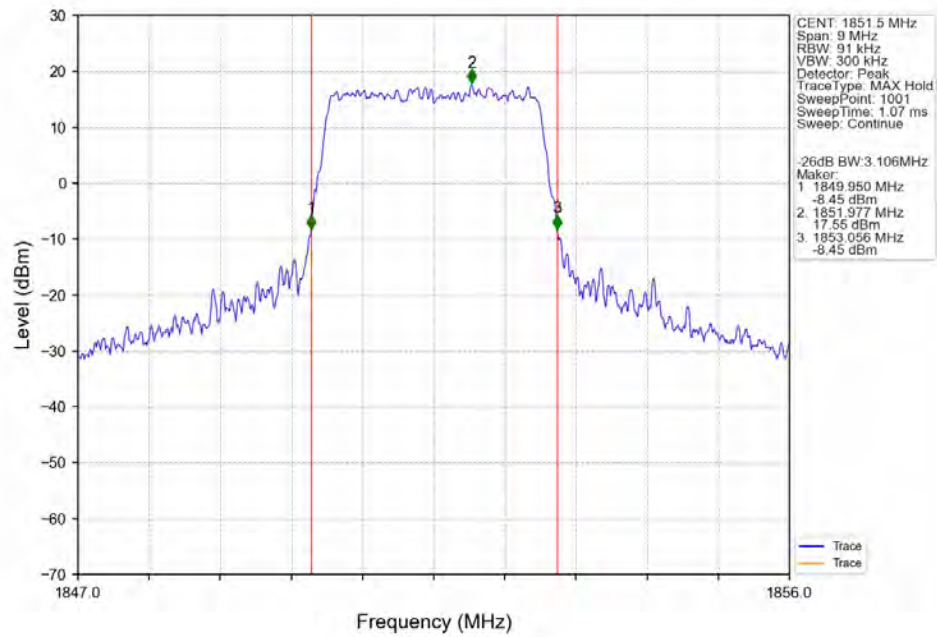
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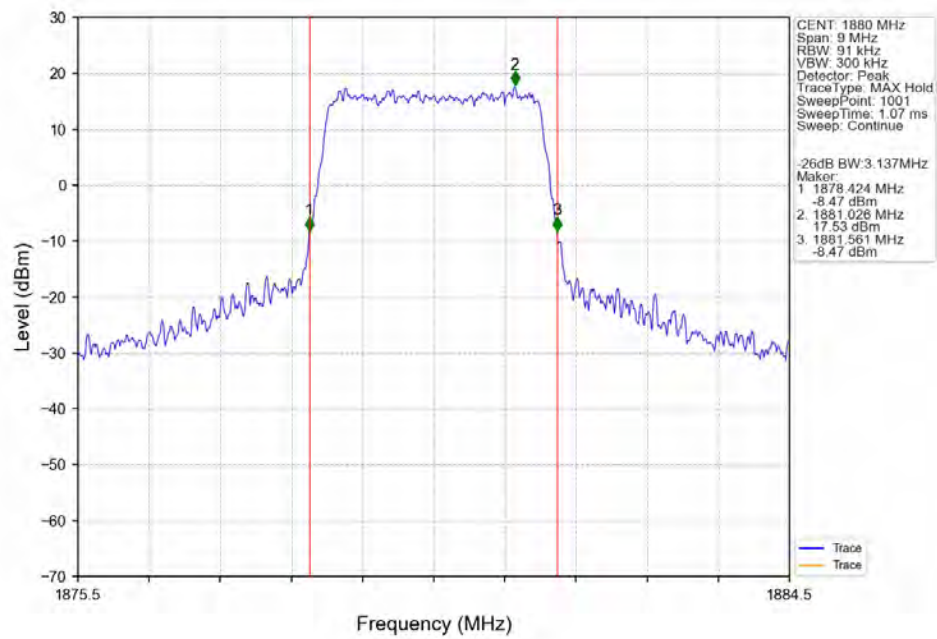
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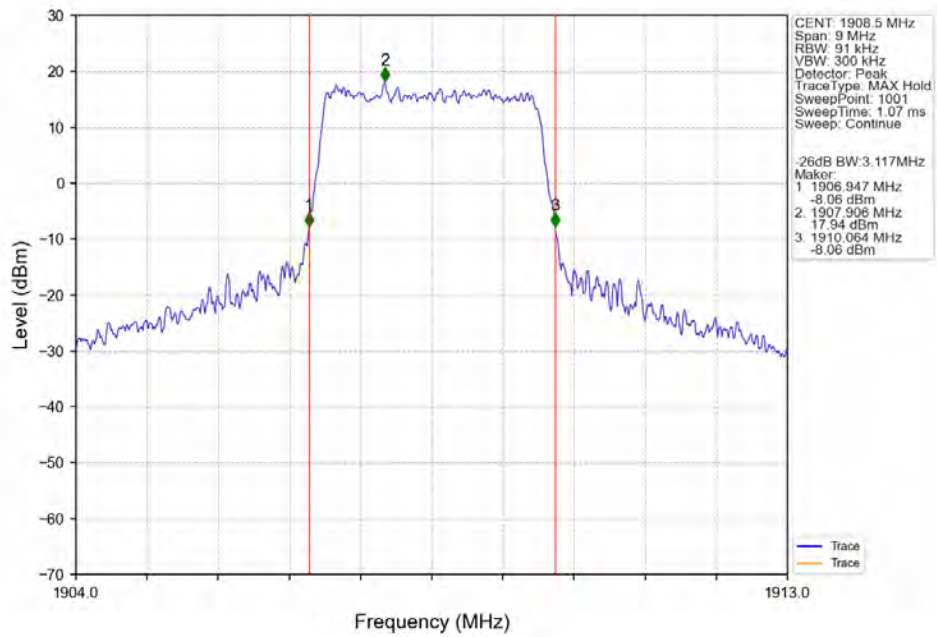
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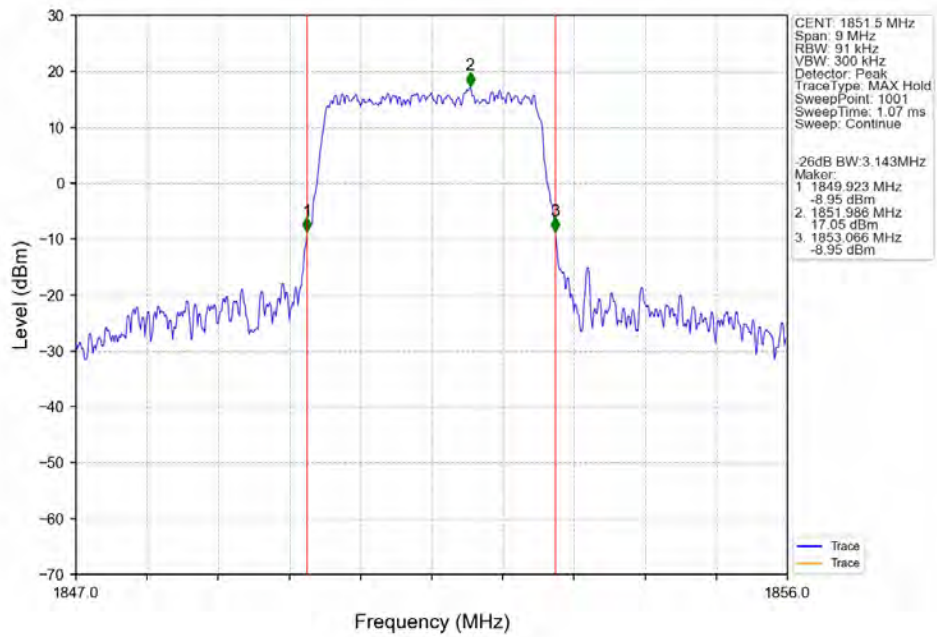
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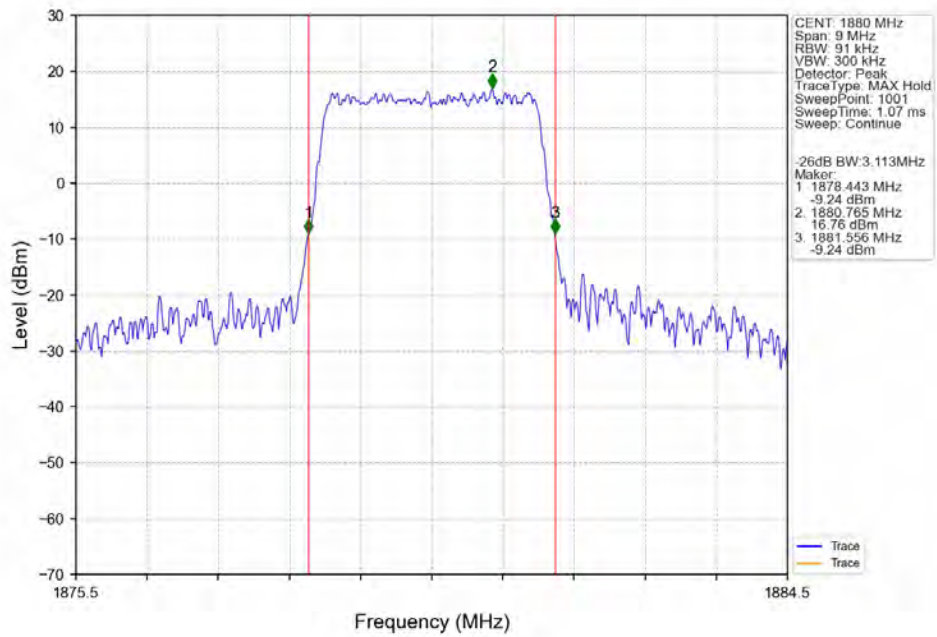
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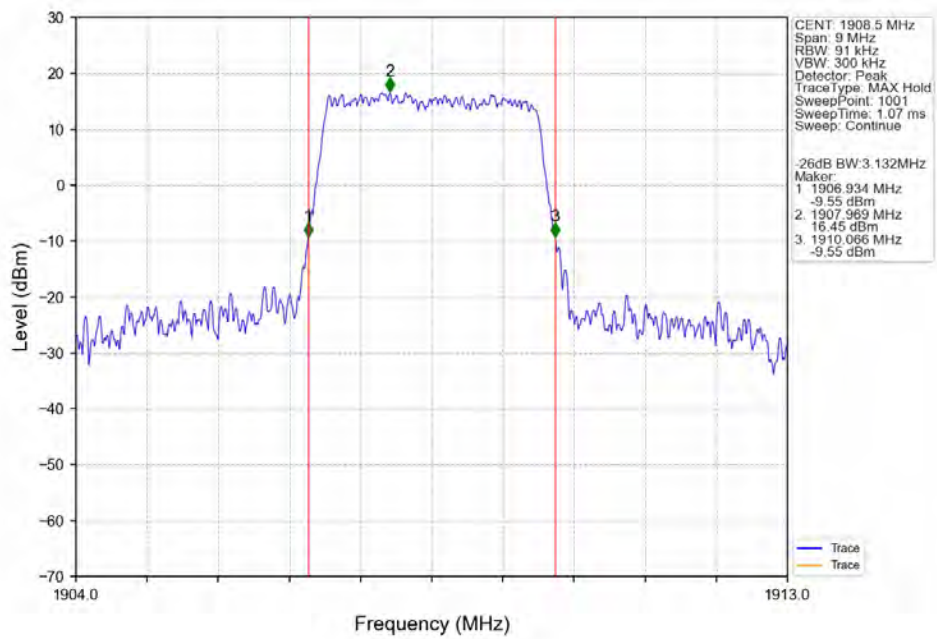
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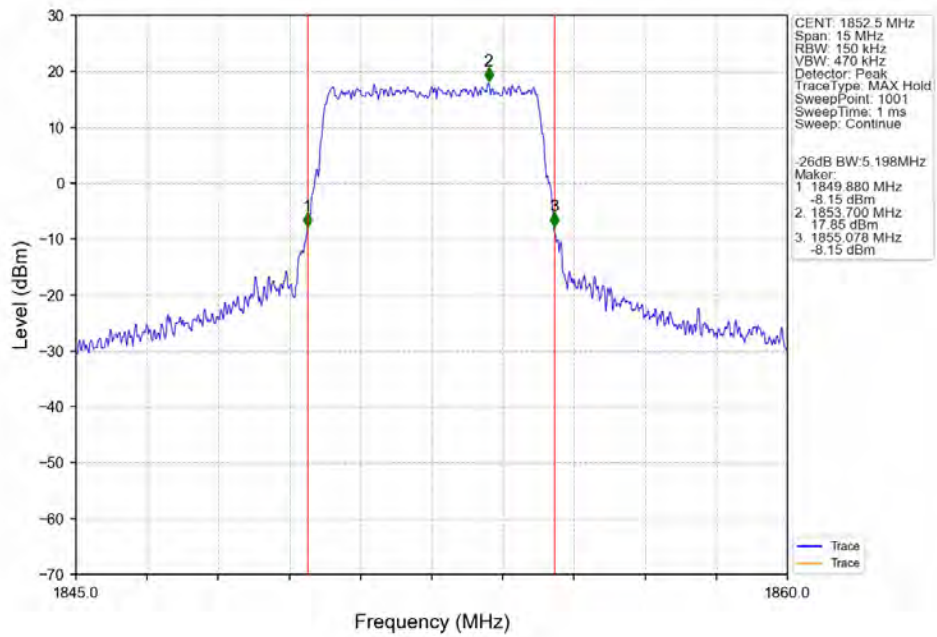
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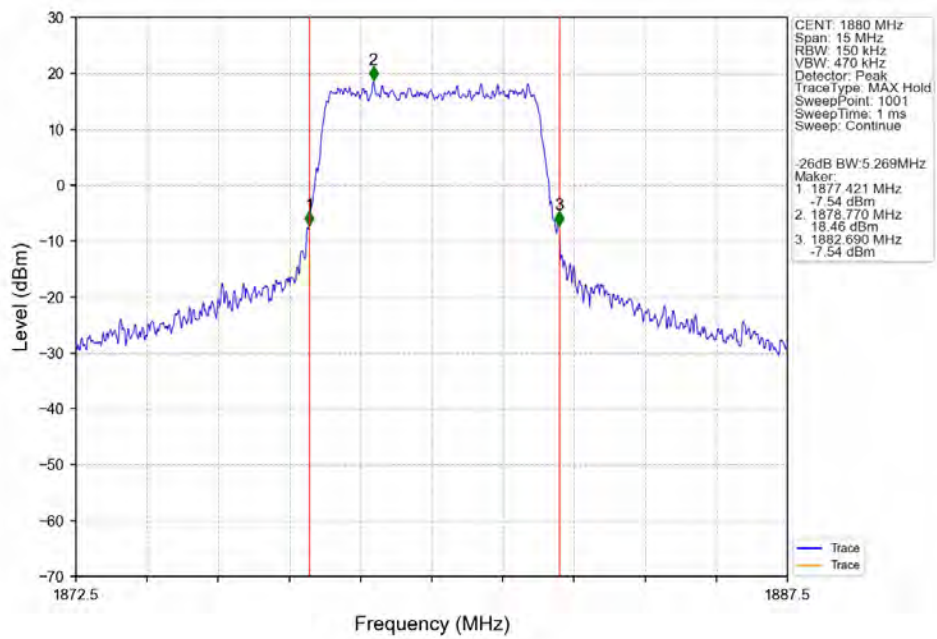
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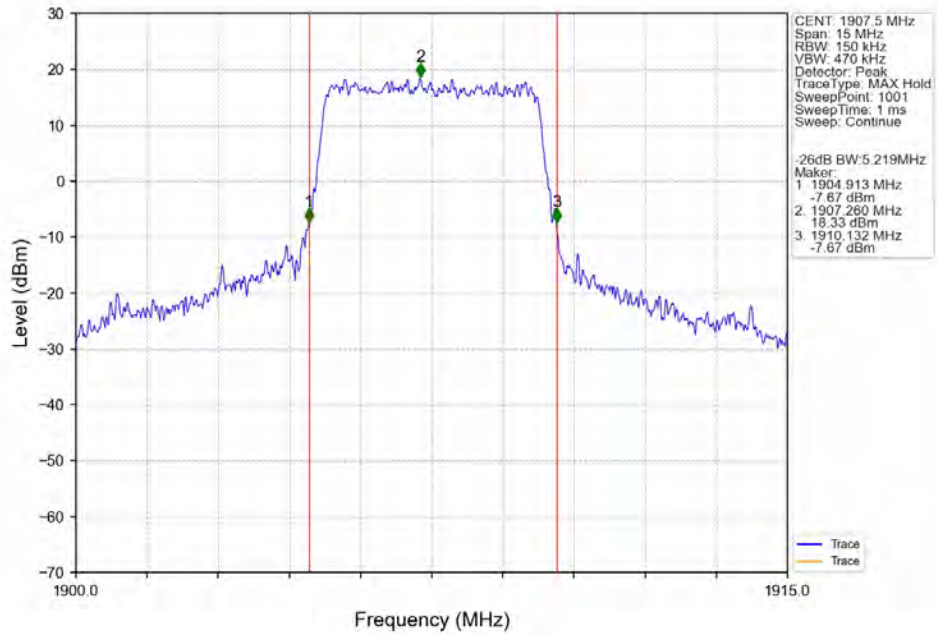
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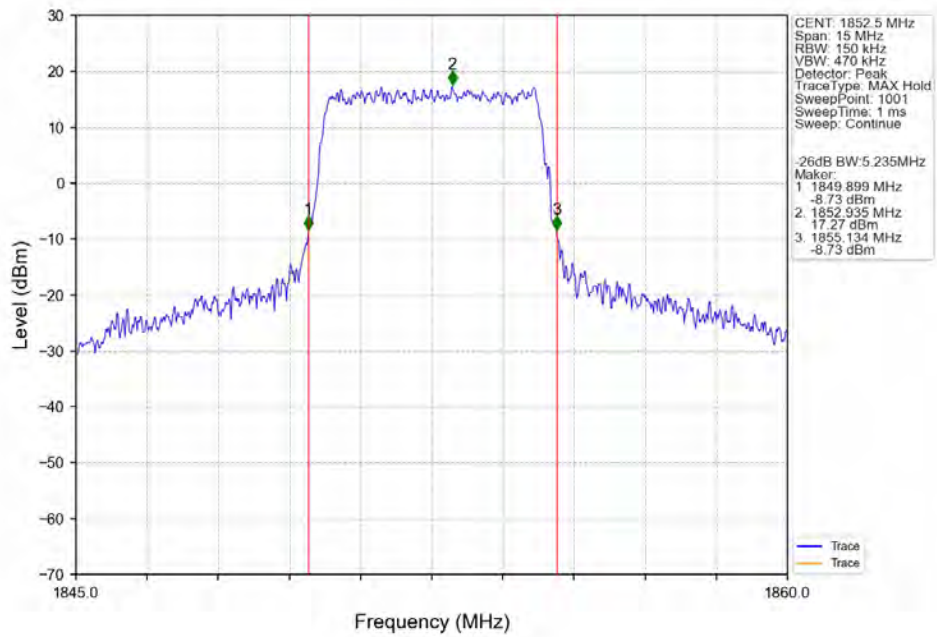
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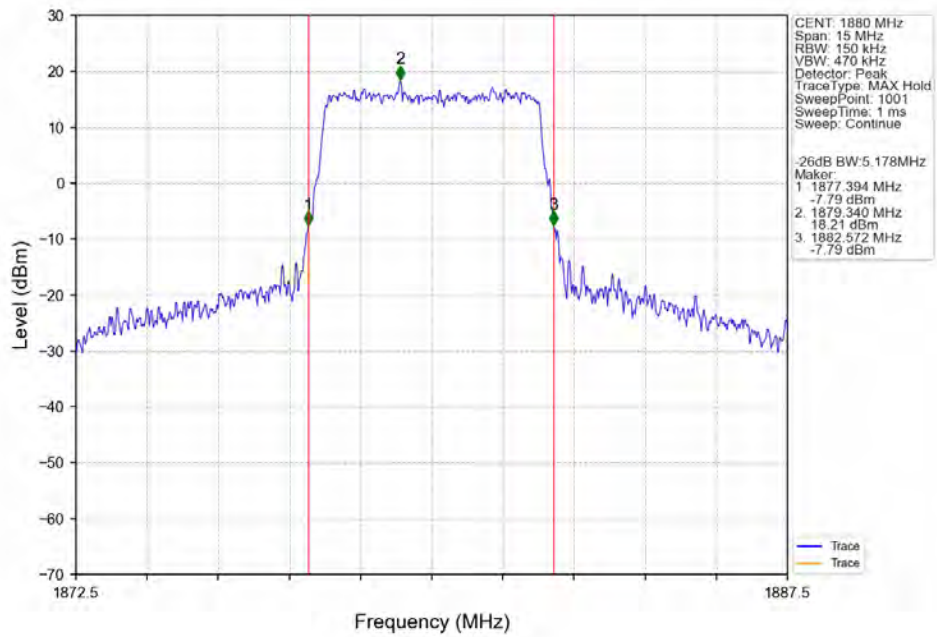
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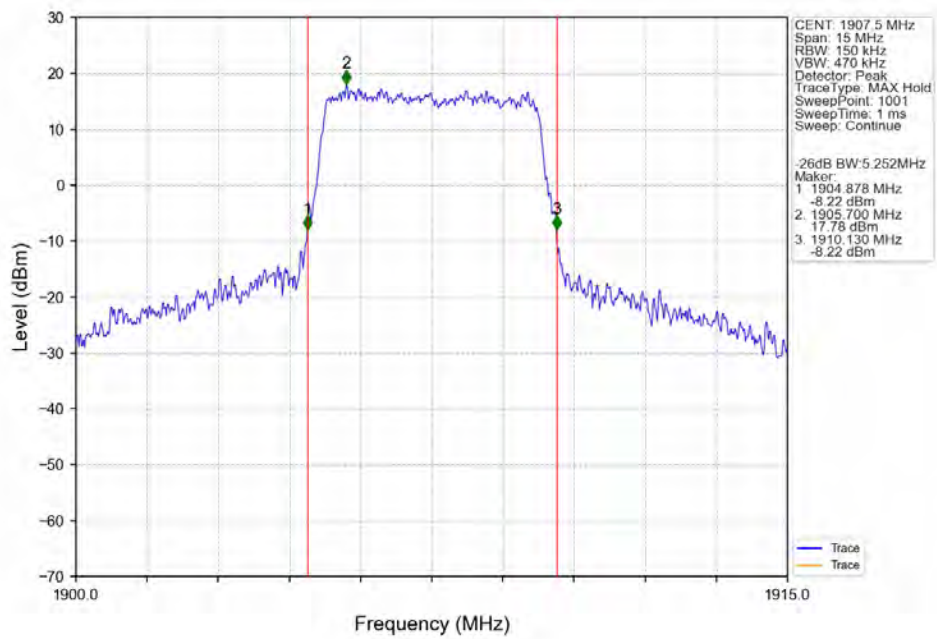
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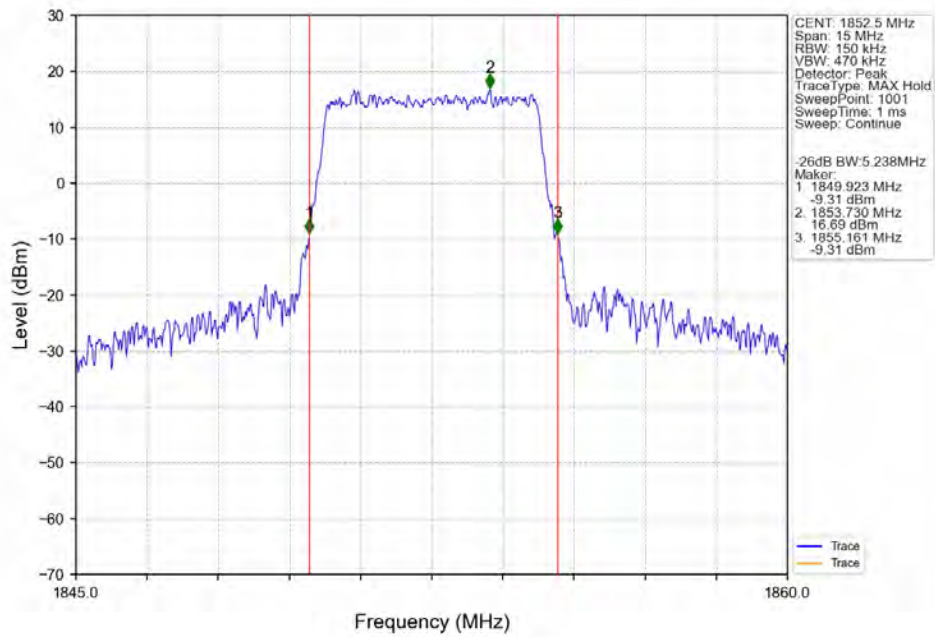
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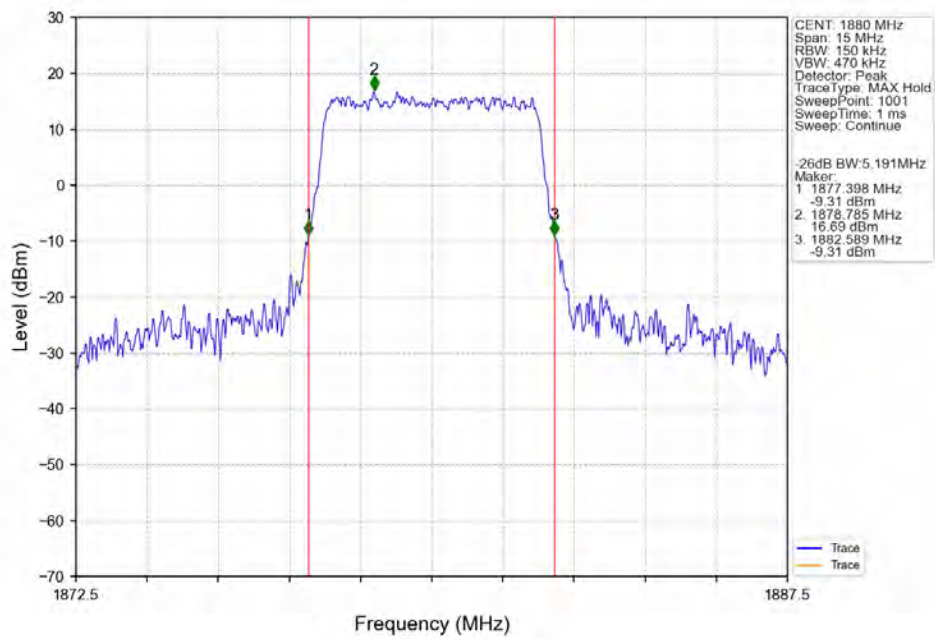
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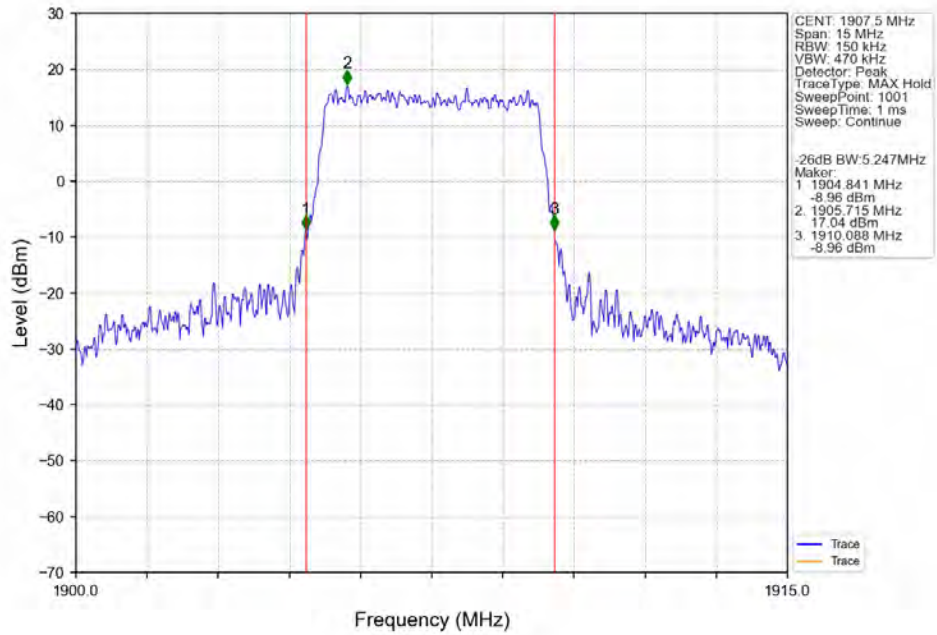
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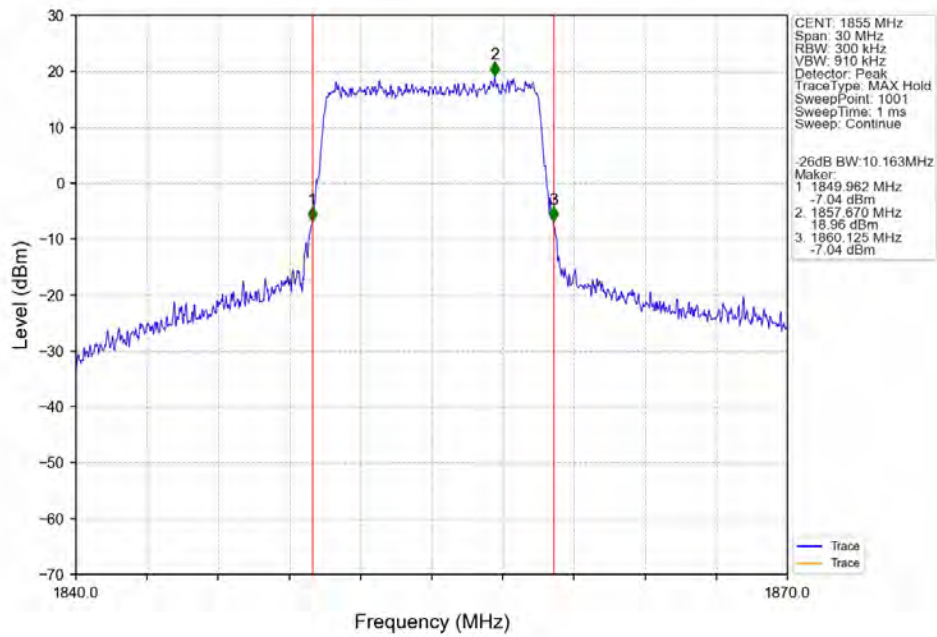
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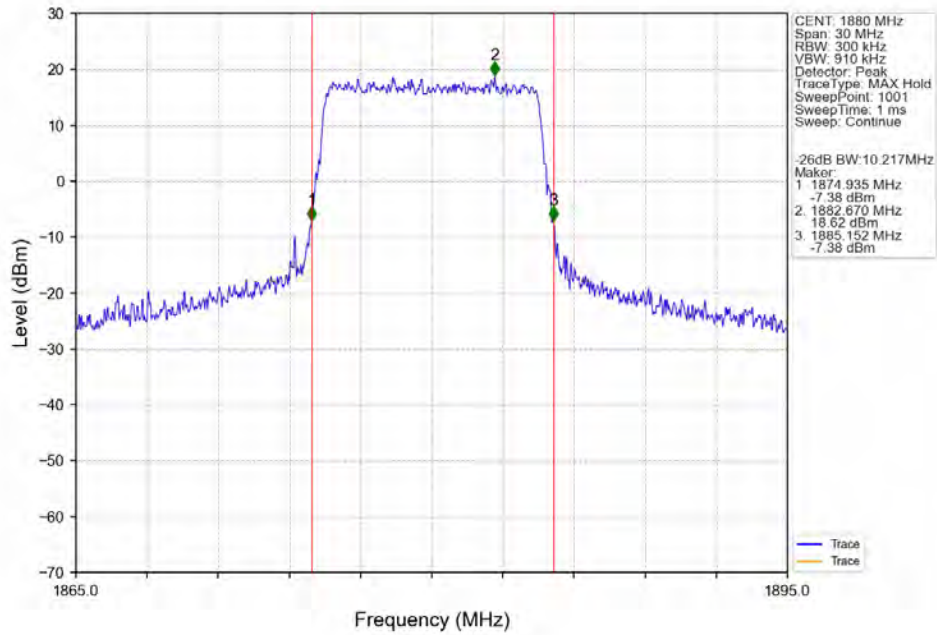
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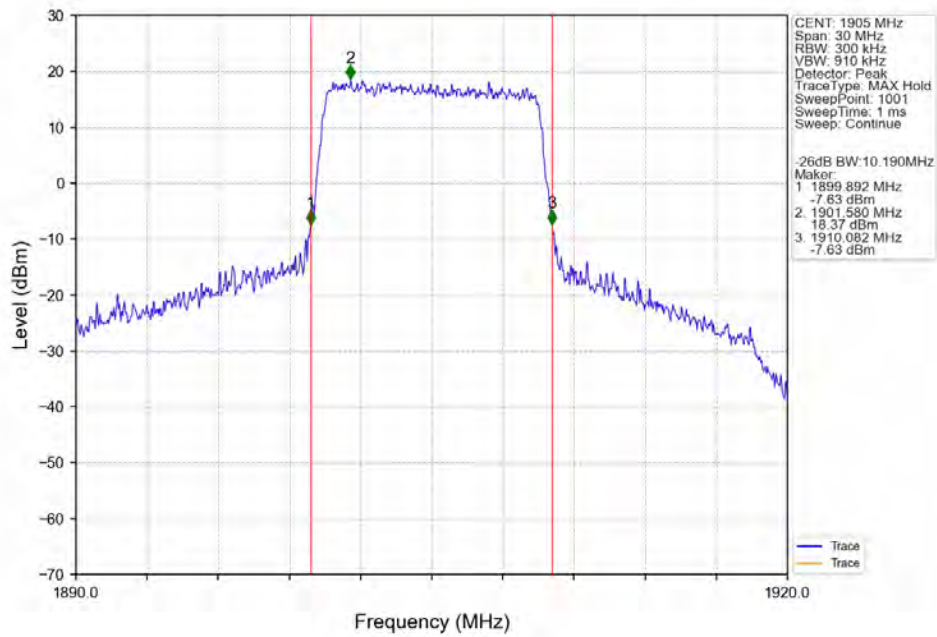
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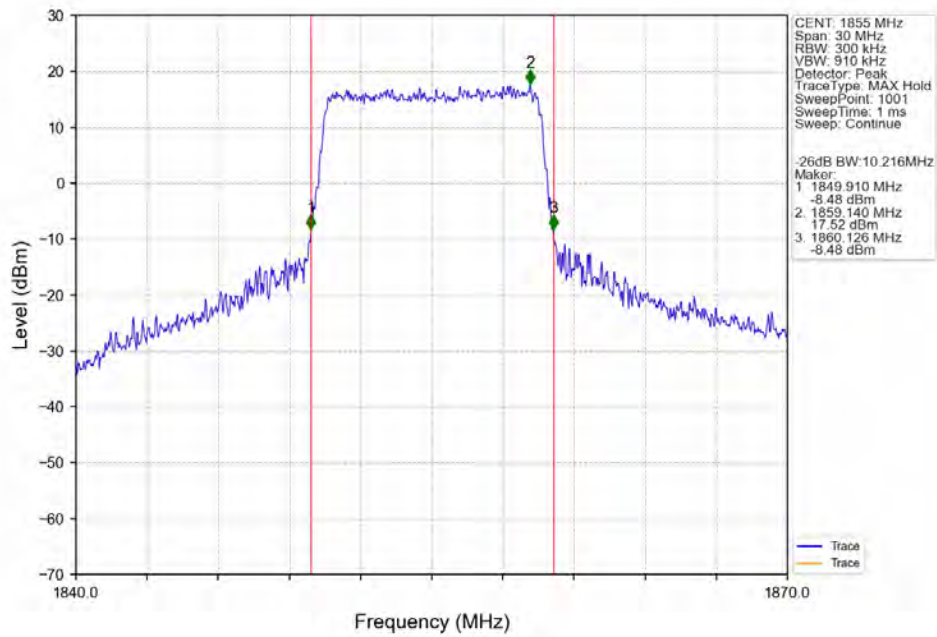
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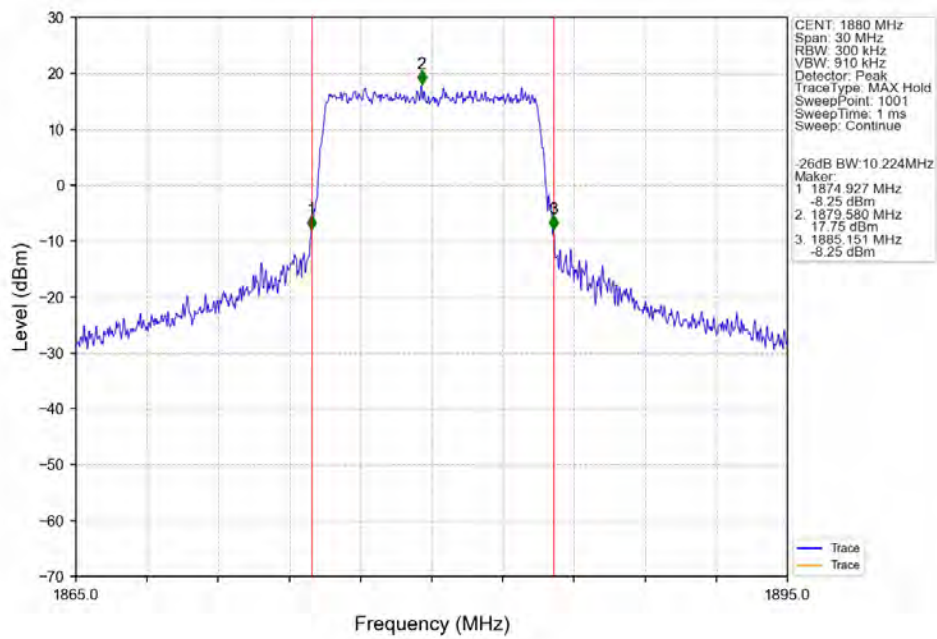
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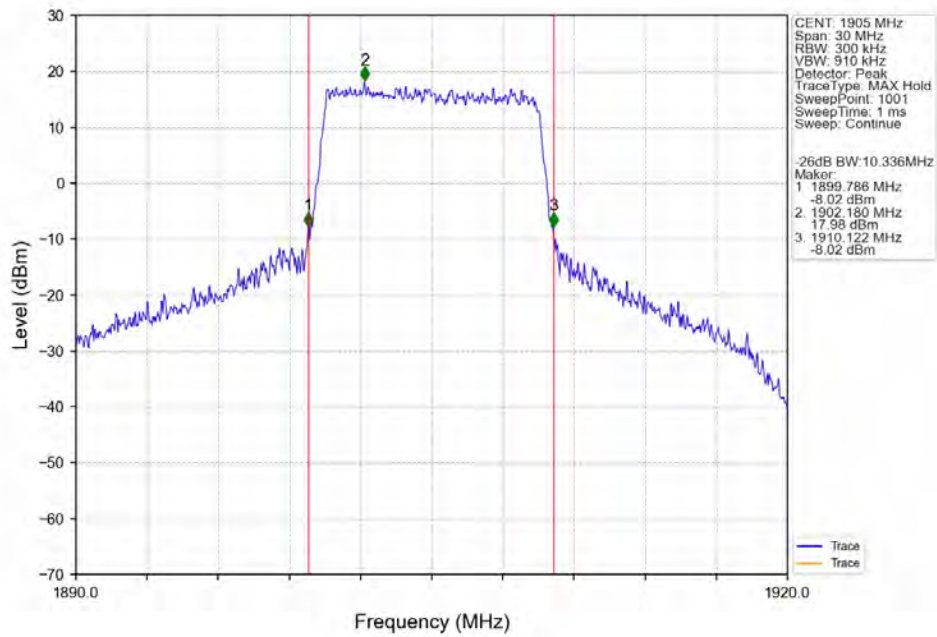
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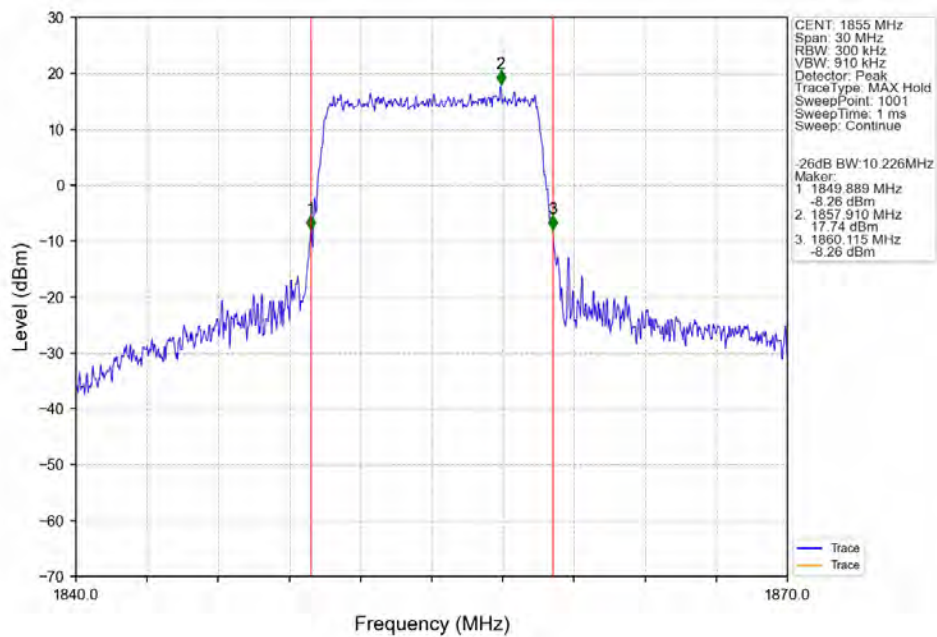
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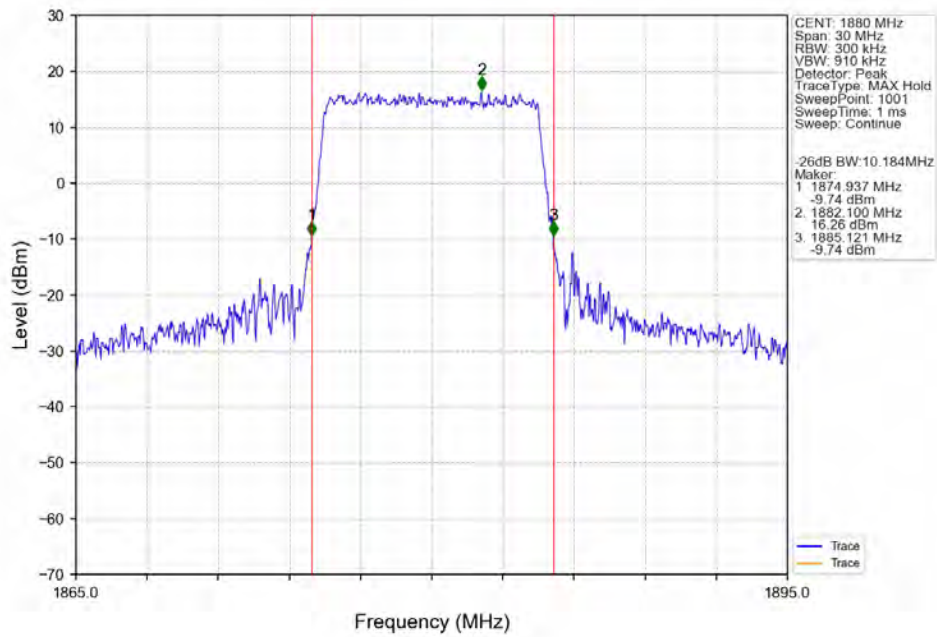
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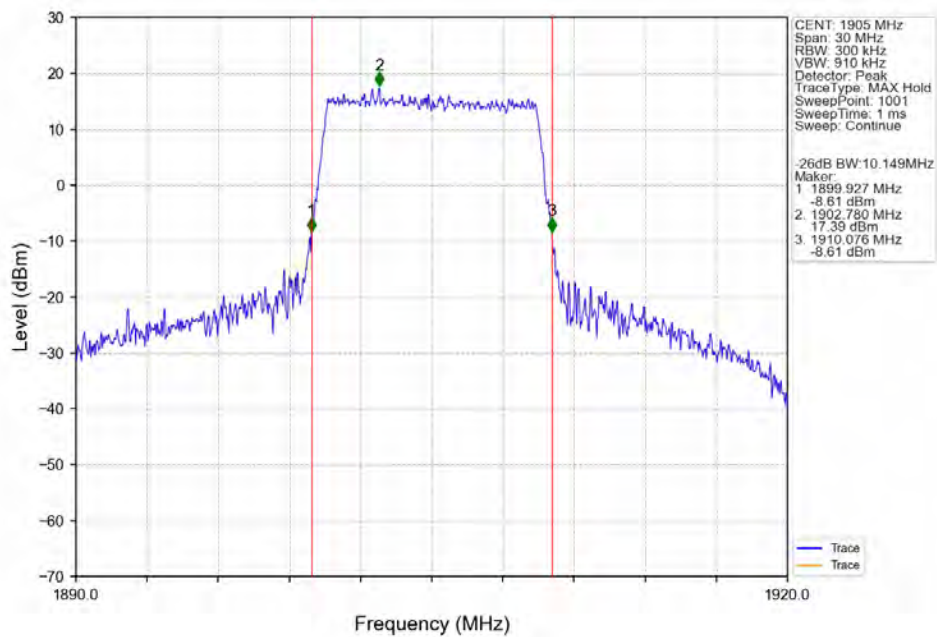
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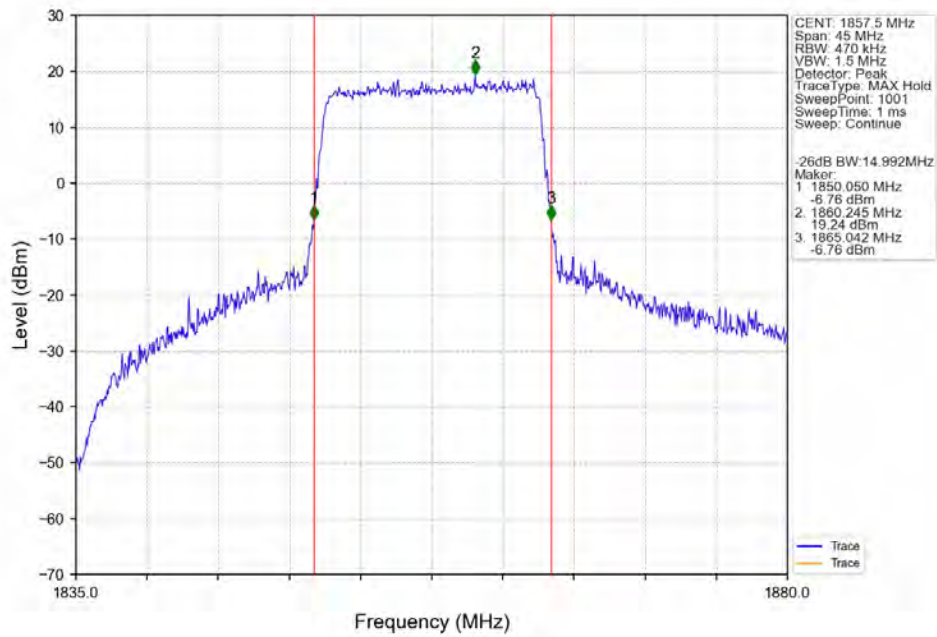
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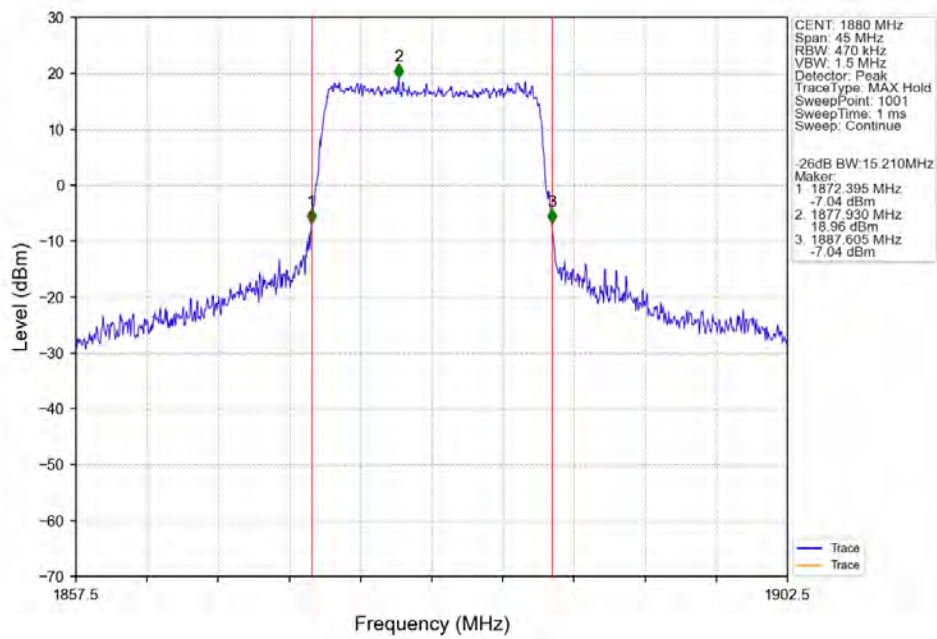
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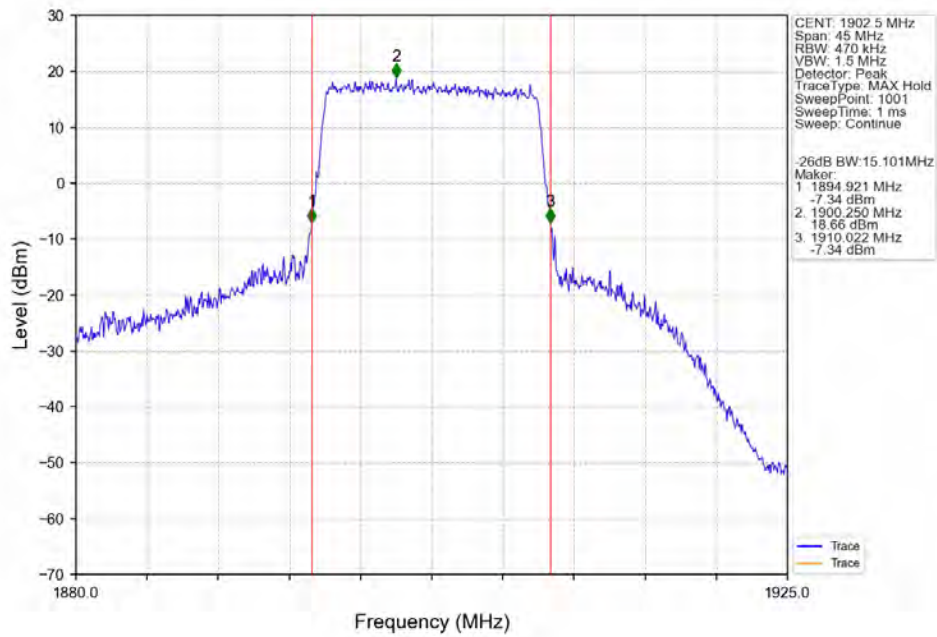
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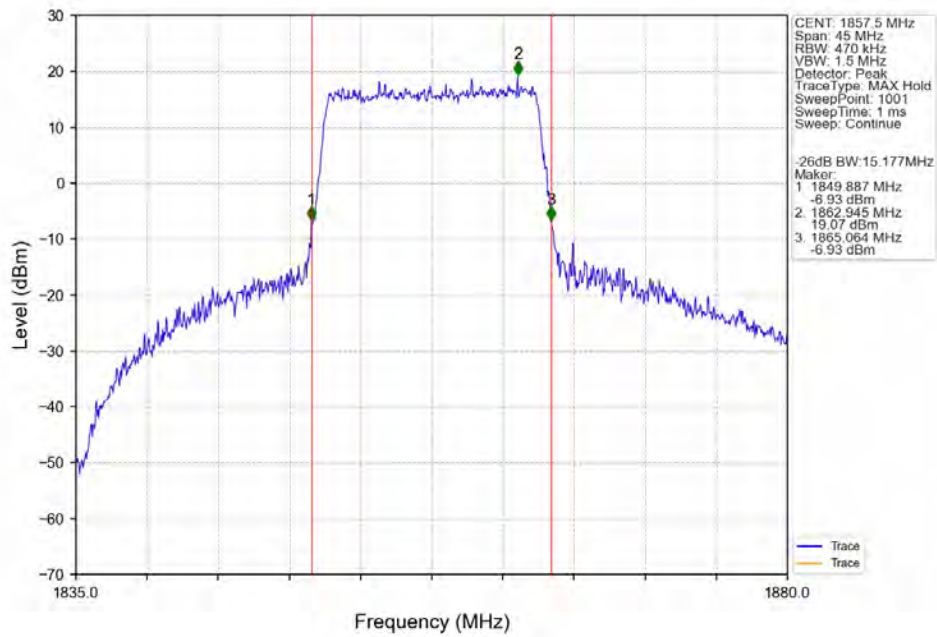
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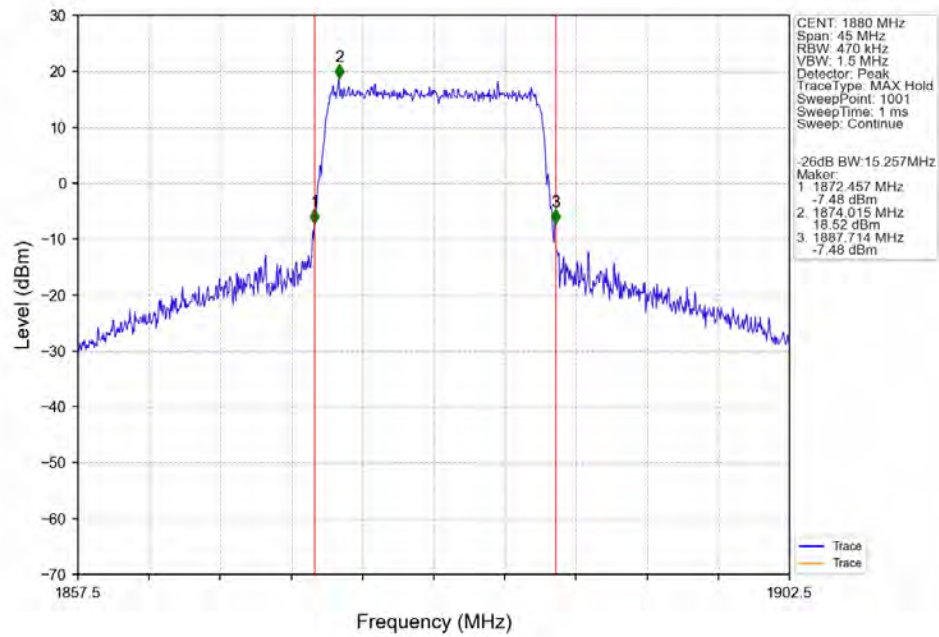
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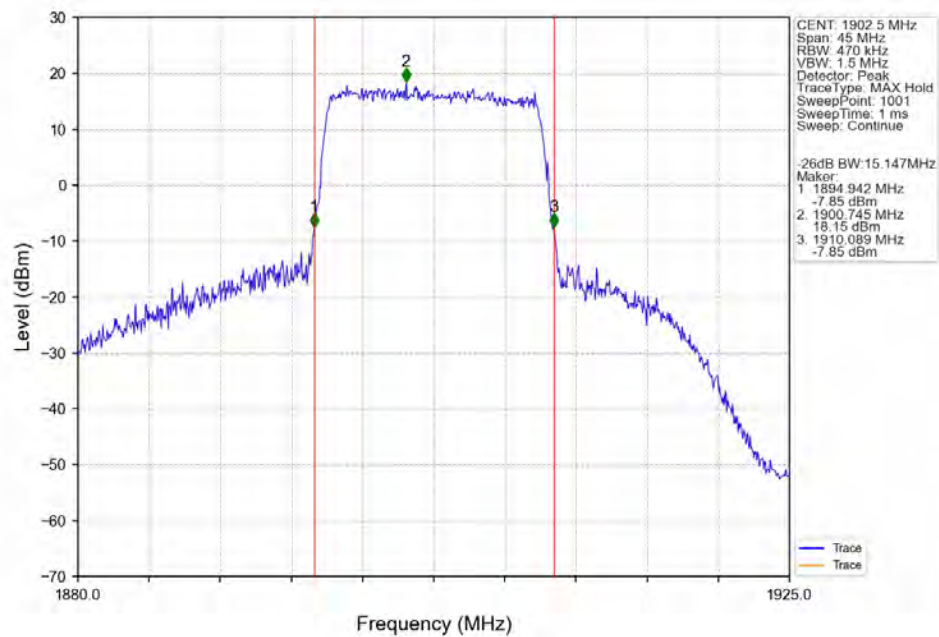
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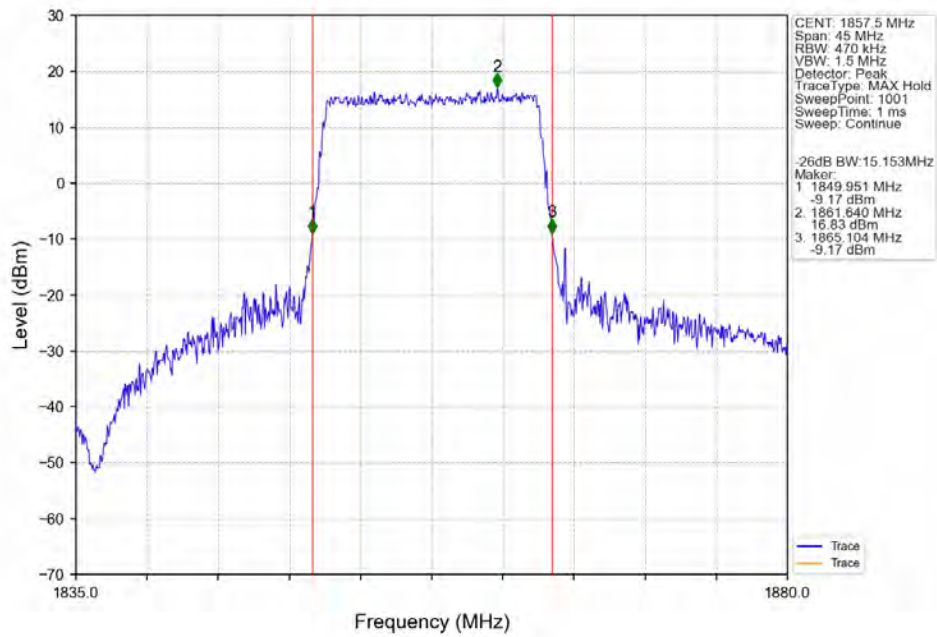
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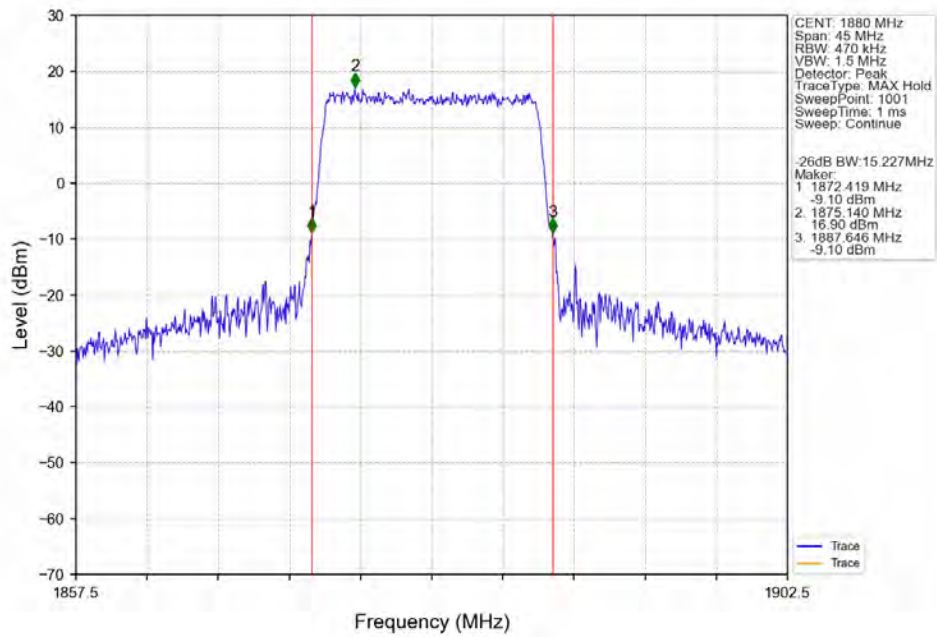
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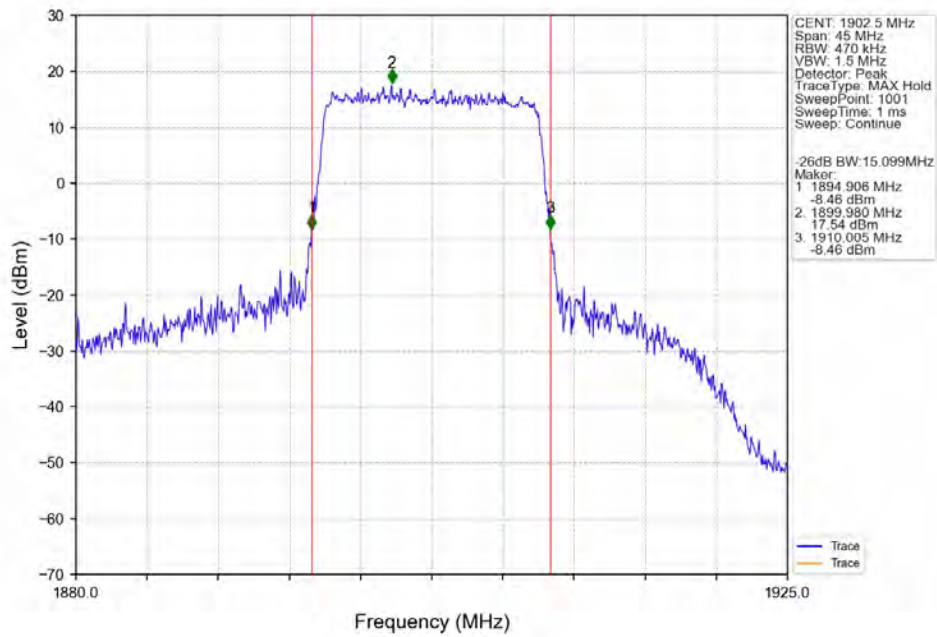
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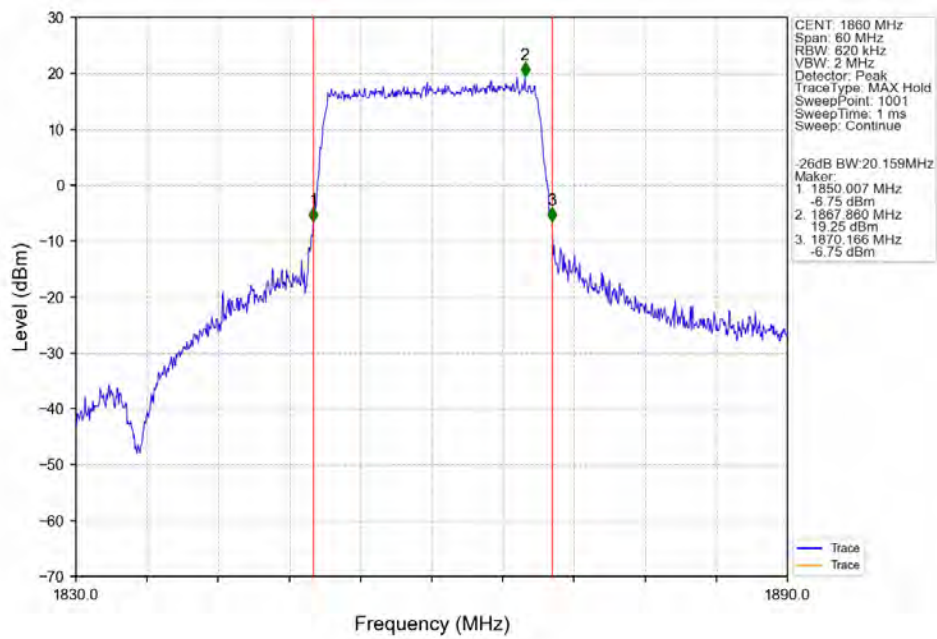
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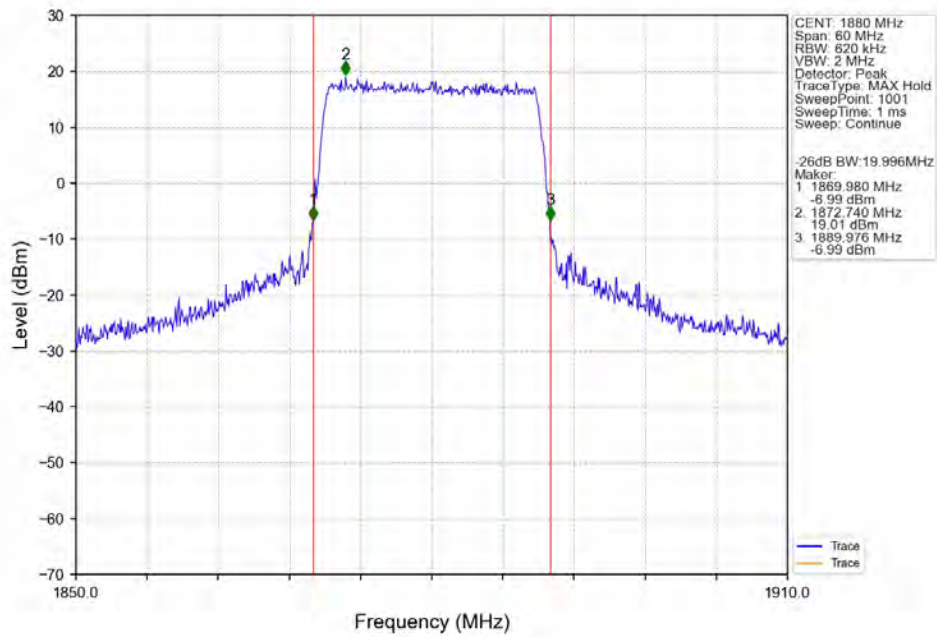
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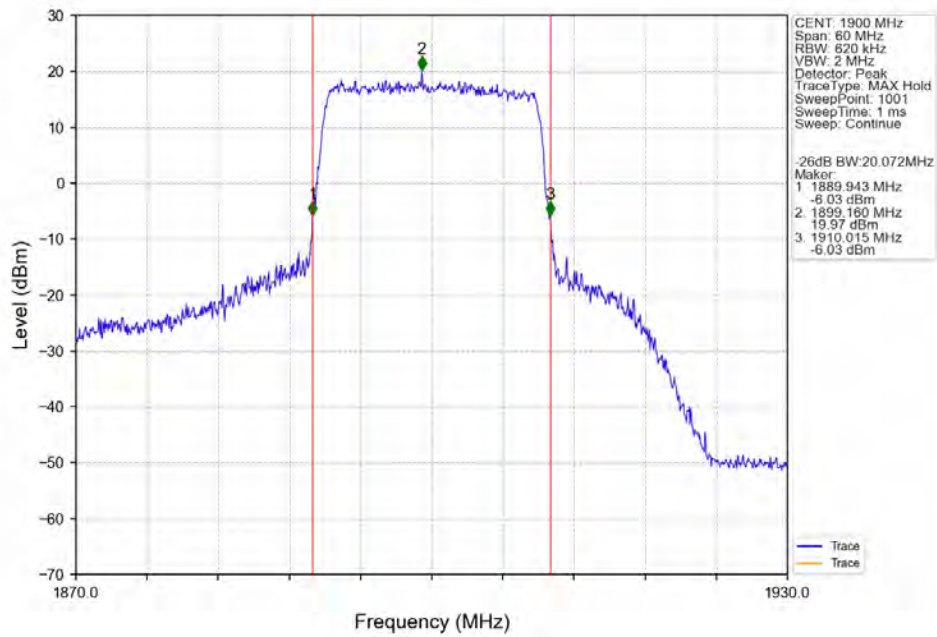
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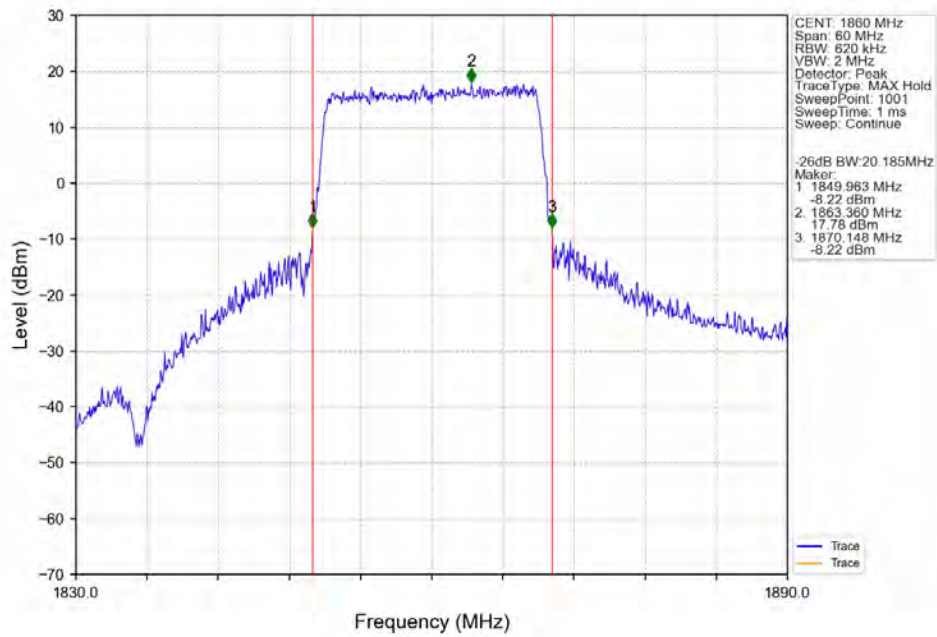
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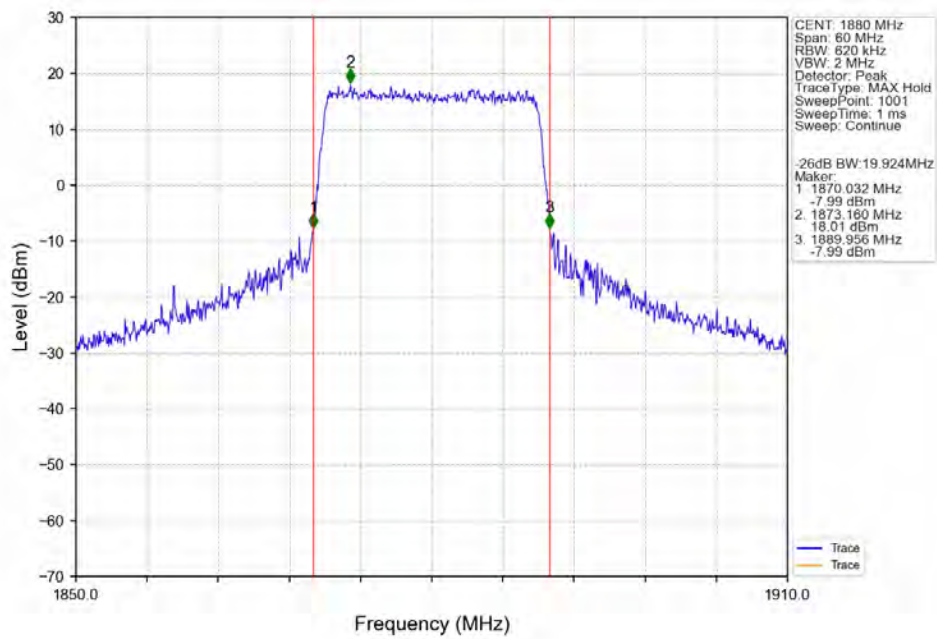
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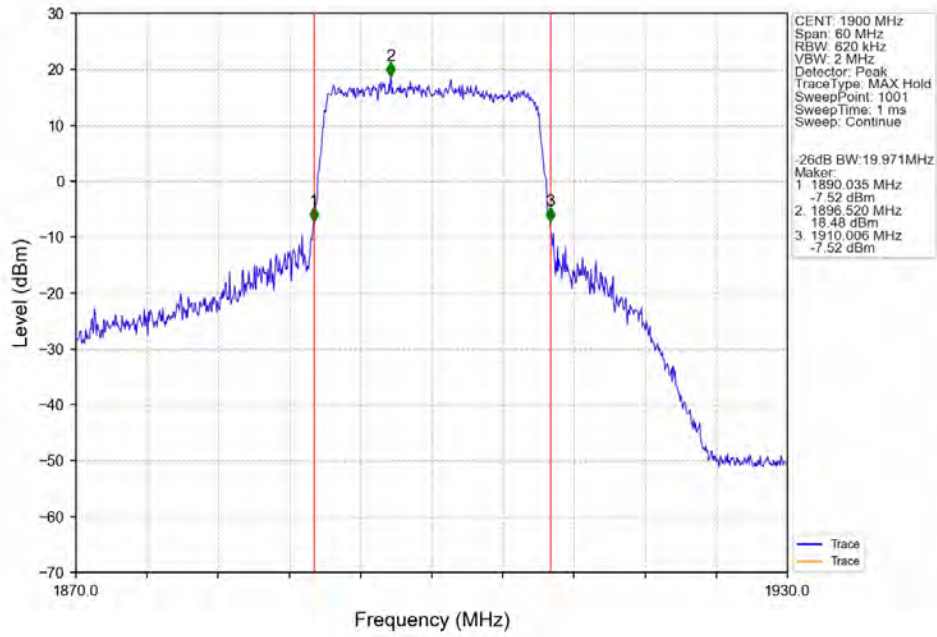
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