

1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

| Band: 25 / Bandwidth: 1.4MHz / NTN | | | | | | | | | | |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 1850.7 | 1 | 0 | 23.18 | 3.62 | 26.80 | <=33.01 | Pass | | |
| | | | 2 | 23.52 | 3.62 | 27.14 | <=33.01 | Pass | | |
| | | | 5 | 23.32 | 3.62 | 26.94 | <=33.01 | Pass | | |
| | | 3 | 0 | 23.25 | 3.62 | 26.87 | <=33.01 | Pass | | |
| | | | 2 | 23.38 | 3.62 | 27.00 | <=33.01 | Pass | | |
| | | | 3 | 23.42 | 3.62 | 27.04 | <=33.01 | Pass | | |
| | | 6 | 0 | 22.34 | 3.62 | 25.96 | <=33.01 | Pass | | |
| | | 1882.5 | 1 | 0 | 23.59 | 3.62 | 27.21 | <=33.01 | Pass | |
| | | | | 2 | 23.72 | 3.62 | 27.34 | <=33.01 | Pass | |
| | 5 | | | 23.54 | 3.62 | 27.16 | <=33.01 | Pass | | |
| | 3 | | 0 | 23.46 | 3.62 | 27.08 | <=33.01 | Pass | | |
| | | | 2 | 23.64 | 3.62 | 27.26 | <=33.01 | Pass | | |
| | | | 3 | 23.51 | 3.62 | 27.13 | <=33.01 | Pass | | |
| | 6 | | 0 | 22.49 | 3.62 | 26.11 | <=33.01 | Pass | | |
| | 1914.3 | | 1 | 0 | 23.17 | 3.62 | 26.79 | <=33.01 | Pass | |
| | | | | 2 | 23.19 | 3.62 | 26.81 | <=33.01 | Pass | |
| | | 5 | | 23.10 | 3.62 | 26.72 | <=33.01 | Pass | | |
| | | 3 | 0 | 23.32 | 3.62 | 26.94 | <=33.01 | Pass | | |
| | | | 2 | 23.27 | 3.62 | 26.89 | <=33.01 | Pass | | |
| | | | 3 | 23.21 | 3.62 | 26.83 | <=33.01 | Pass | | |
| | | 6 | 0 | 22.31 | 3.62 | 25.93 | <=33.01 | Pass | | |
| | | 16QAM | 1850.7 | 1 | 0 | 22.79 | 3.62 | 26.41 | <=33.01 | Pass |
| | | | | | 2 | 22.97 | 3.62 | 26.59 | <=33.01 | Pass |
| | 5 | | | | 23.01 | 3.62 | 26.63 | <=33.01 | Pass | |
| 3 | 0 | | | 22.63 | 3.62 | 26.25 | <=33.01 | Pass | | |
| | 2 | | | 22.38 | 3.62 | 26.00 | <=33.01 | Pass | | |
| | 3 | | | 22.21 | 3.62 | 25.83 | <=33.01 | Pass | | |
| 6 | 0 | | | 21.13 | 3.62 | 24.75 | <=33.01 | Pass | | |
| 1882.5 | 1 | | | 0 | 22.31 | 3.62 | 25.93 | <=33.01 | Pass | |
| | | | | 2 | 22.70 | 3.62 | 26.32 | <=33.01 | Pass | |
| | | | 5 | 22.60 | 3.62 | 26.22 | <=33.01 | Pass | | |
| | 3 | | 0 | 22.59 | 3.62 | 26.21 | <=33.01 | Pass | | |
| | | | 2 | 22.61 | 3.62 | 26.23 | <=33.01 | Pass | | |
| | | | 3 | 22.53 | 3.62 | 26.15 | <=33.01 | Pass | | |
| | 6 | | 0 | 21.31 | 3.62 | 24.93 | <=33.01 | Pass | | |
| | 1914.3 | | 1 | 0 | 22.33 | 3.62 | 25.95 | <=33.01 | Pass | |
| | | | | 2 | 22.52 | 3.62 | 26.14 | <=33.01 | Pass | |
| 5 | | | | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| 3 | | | 0 | 22.42 | 3.62 | 26.04 | <=33.01 | Pass | | |
| | | | 2 | 22.39 | 3.62 | 26.01 | <=33.01 | Pass | | |
| | | | 3 | 22.48 | 3.62 | 26.10 | <=33.01 | Pass | | |
| 6 | | | 0 | 21.33 | 3.62 | 24.95 | <=33.01 | Pass | | |
| 64QAM | | | 1850.7 | 1 | 0 | 21.36 | 3.62 | 24.98 | <=33.01 | Pass |
| | | | | | 2 | 21.47 | 3.62 | 25.09 | <=33.01 | Pass |
| | 5 | | | | 21.33 | 3.62 | 24.95 | <=33.01 | Pass | |
| | 3 | 0 | | 21.37 | 3.62 | 24.99 | <=33.01 | Pass | | |
| | | 2 | | 21.65 | 3.62 | 25.27 | <=33.01 | Pass | | |

| | | | | | | | | | |
|--|--------|---|-------|-------|-------|---------|---------|---------|------|
| | 1882.5 | 6 | 3 | 21.47 | 3.62 | 25.09 | <=33.01 | Pass | |
| | | | 0 | 20.45 | 3.62 | 24.07 | <=33.01 | Pass | |
| | | 1 | 1 | 0 | 21.44 | 3.62 | 25.06 | <=33.01 | Pass |
| | | | | 2 | 21.49 | 3.62 | 25.11 | <=33.01 | Pass |
| | | | | 5 | 21.51 | 3.62 | 25.13 | <=33.01 | Pass |
| | | 3 | 3 | 0 | 21.45 | 3.62 | 25.07 | <=33.01 | Pass |
| | 2 | | | 21.73 | 3.62 | 25.35 | <=33.01 | Pass | |
| | 3 | | | 21.75 | 3.62 | 25.37 | <=33.01 | Pass | |
| | 6 | 0 | 20.66 | 3.62 | 24.28 | <=33.01 | Pass | | |
| | 1914.3 | 1 | 1 | 0 | 21.59 | 3.62 | 25.21 | <=33.01 | Pass |
| | | | | 2 | 21.75 | 3.62 | 25.37 | <=33.01 | Pass |
| | | | | 5 | 21.63 | 3.62 | 25.25 | <=33.01 | Pass |
| | | 3 | 3 | 0 | 21.55 | 3.62 | 25.17 | <=33.01 | Pass |
| | | | | 2 | 21.40 | 3.62 | 25.02 | <=33.01 | Pass |
| | | | | 3 | 21.44 | 3.62 | 25.06 | <=33.01 | Pass |
| | | 6 | 0 | 20.51 | 3.62 | 24.13 | <=33.01 | Pass | |

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTN | | | | | | | | | | |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 1851.5 | 1 | 0 | 23.39 | 3.62 | 27.01 | <=33.01 | Pass | | |
| | | | 7 | 23.55 | 3.62 | 27.17 | <=33.01 | Pass | | |
| | | | 14 | 23.27 | 3.62 | 26.89 | <=33.01 | Pass | | |
| | | 8 | 8 | 0 | 22.33 | 3.62 | 25.95 | <=33.01 | Pass | |
| | | | | 4 | 22.36 | 3.62 | 25.98 | <=33.01 | Pass | |
| | | | | 7 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | |
| | | 15 | 0 | 22.29 | 3.62 | 25.91 | <=33.01 | Pass | | |
| | | 1882.5 | 1 | 1 | 0 | 23.49 | 3.62 | 27.11 | <=33.01 | Pass |
| | | | | | 7 | 23.71 | 3.62 | 27.33 | <=33.01 | Pass |
| | 14 | | | | 23.50 | 3.62 | 27.12 | <=33.01 | Pass | |
| | 8 | | 8 | 0 | 22.52 | 3.62 | 26.14 | <=33.01 | Pass | |
| | | | | 4 | 22.61 | 3.62 | 26.23 | <=33.01 | Pass | |
| | | | | 7 | 22.56 | 3.62 | 26.18 | <=33.01 | Pass | |
| | 15 | | 0 | 22.53 | 3.62 | 26.15 | <=33.01 | Pass | | |
| | 1913.5 | | 1 | 1 | 0 | 23.40 | 3.62 | 27.02 | <=33.01 | Pass |
| | | | | | 7 | 23.84 | 3.62 | 27.46 | <=33.01 | Pass |
| | | 14 | | | 23.40 | 3.62 | 27.02 | <=33.01 | Pass | |
| | | 8 | 8 | 0 | 22.48 | 3.62 | 26.10 | <=33.01 | Pass | |
| | | | | 4 | 22.48 | 3.62 | 26.10 | <=33.01 | Pass | |
| | | | | 7 | 22.46 | 3.62 | 26.08 | <=33.01 | Pass | |
| | | 15 | 0 | 22.45 | 3.62 | 26.07 | <=33.01 | Pass | | |
| | | 16QAM | 1851.5 | 1 | 0 | 22.78 | 3.62 | 26.40 | <=33.01 | Pass |
| | | | | | 7 | 22.89 | 3.62 | 26.51 | <=33.01 | Pass |
| | 14 | | | | 22.79 | 3.62 | 26.41 | <=33.01 | Pass | |
| 8 | 8 | | | 0 | 21.36 | 3.62 | 24.98 | <=33.01 | Pass | |
| | | | | 4 | 21.56 | 3.62 | 25.18 | <=33.01 | Pass | |
| | | | | 7 | 21.54 | 3.62 | 25.16 | <=33.01 | Pass | |
| 15 | 0 | | 21.31 | 3.62 | 24.93 | <=33.01 | Pass | | | |
| 1882.5 | 1 | | 1 | 0 | 22.99 | 3.62 | 26.61 | <=33.01 | Pass | |
| | | | | 7 | 23.26 | 3.62 | 26.88 | <=33.01 | Pass | |

| | | | | | | | | | |
|--------|--------|----|-------|-------|---------|---------|---------|---------|------|
| 64QAM | 1913.5 | 8 | 14 | 22.96 | 3.62 | 26.58 | <=33.01 | Pass | |
| | | | 0 | 21.81 | 3.62 | 25.43 | <=33.01 | Pass | |
| | | | | 4 | 21.57 | 3.62 | 25.19 | <=33.01 | Pass |
| | | 7 | 21.49 | 3.62 | 25.11 | <=33.01 | Pass | | |
| | | | 15 | 0 | 21.47 | 3.62 | 25.09 | <=33.01 | Pass |
| | | | | 0 | 22.28 | 3.62 | 25.90 | <=33.01 | Pass |
| | | 1 | 7 | 22.23 | 3.62 | 25.85 | <=33.01 | Pass | |
| | | | 14 | 22.20 | 3.62 | 25.82 | <=33.01 | Pass | |
| | | | 0 | 21.39 | 3.62 | 25.01 | <=33.01 | Pass | |
| | 8 | 4 | 21.34 | 3.62 | 24.96 | <=33.01 | Pass | | |
| | | 7 | 21.33 | 3.62 | 24.95 | <=33.01 | Pass | | |
| | | 15 | 0 | 21.57 | 3.62 | 25.19 | <=33.01 | Pass | |
| | 1851.5 | 1 | 0 | 21.87 | 3.62 | 25.49 | <=33.01 | Pass | |
| | | | 7 | 22.16 | 3.62 | 25.78 | <=33.01 | Pass | |
| | | | 14 | 21.71 | 3.62 | 25.33 | <=33.01 | Pass | |
| | | 8 | 0 | 20.60 | 3.62 | 24.22 | <=33.01 | Pass | |
| | | | 4 | 20.50 | 3.62 | 24.12 | <=33.01 | Pass | |
| | | | 7 | 20.34 | 3.62 | 23.96 | <=33.01 | Pass | |
| | | 15 | 0 | 20.33 | 3.62 | 23.95 | <=33.01 | Pass | |
| | | | 1 | 0 | 21.32 | 3.62 | 24.94 | <=33.01 | Pass |
| | | | | 7 | 21.55 | 3.62 | 25.17 | <=33.01 | Pass |
| | | 14 | | 21.39 | 3.62 | 25.01 | <=33.01 | Pass | |
| | | 8 | 0 | 20.39 | 3.62 | 24.01 | <=33.01 | Pass | |
| | | | 4 | 20.43 | 3.62 | 24.05 | <=33.01 | Pass | |
| 7 | | | 20.37 | 3.62 | 23.99 | <=33.01 | Pass | | |
| 15 | | 0 | 20.68 | 3.62 | 24.30 | <=33.01 | Pass | | |
| | | 1 | 0 | 21.13 | 3.62 | 24.75 | <=33.01 | Pass | |
| | 7 | | 21.42 | 3.62 | 25.04 | <=33.01 | Pass | | |
| 14 | 21.09 | | 3.62 | 24.71 | <=33.01 | Pass | | | |
| 1913.5 | 8 | 0 | 20.60 | 3.62 | 24.22 | <=33.01 | Pass | | |
| | | 4 | 20.47 | 3.62 | 24.09 | <=33.01 | Pass | | |
| | | 7 | 20.47 | 3.62 | 24.09 | <=33.01 | Pass | | |
| | 15 | 0 | 20.48 | 3.62 | 24.10 | <=33.01 | Pass | | |

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

| Band: 25 / 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 | 23.22 | 3.62 | 26.84 | <=33.01 | Pass | |
| | | | 13 | 23.35 | 3.62 | 26.97 | <=33.01 | Pass | |
| | | | 24 | 23.02 | 3.62 | 26.64 | <=33.01 | Pass | |
| | | 12 | 0 | 22.28 | 3.62 | 25.90 | <=33.01 | Pass | |
| | | | 6 | 22.35 | 3.62 | 25.97 | <=33.01 | Pass | |
| | | | 13 | 22.34 | 3.62 | 25.96 | <=33.01 | Pass | |
| | | 25 | 0 | 22.37 | 3.62 | 25.99 | <=33.01 | Pass | |
| | | | 1 | 0 | 23.22 | 3.62 | 26.84 | <=33.01 | Pass |
| | | | | 13 | 23.48 | 3.62 | 27.10 | <=33.01 | Pass |
| | 24 | 23.25 | | 3.62 | 26.87 | <=33.01 | Pass | | |
| | 1882.5 | 12 | 0 | 22.59 | 3.62 | 26.21 | <=33.01 | Pass | |
| | | | 6 | 22.62 | 3.62 | 26.24 | <=33.01 | Pass | |
| | | | 13 | 22.55 | 3.62 | 26.17 | <=33.01 | Pass | |

| | | | | | | | | | | | |
|--------|--|--------|--------|-------|-------|-------|---------|---------|---------|------|--|
| | 1912.5 | 1 | 25 | 0 | 22.59 | 3.62 | 26.21 | <=33.01 | Pass | | |
| | | | 13 | 0 | 23.24 | 3.62 | 26.86 | <=33.01 | Pass | | |
| | | | | 24 | 23.46 | 3.62 | 27.08 | <=33.01 | Pass | | |
| | | 12 | 0 | 22.35 | 3.62 | 25.97 | <=33.01 | Pass | | | |
| | | | 6 | 22.35 | 3.62 | 25.97 | <=33.01 | Pass | | | |
| | | | 13 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | | | |
| | | 25 | 0 | 22.32 | 3.62 | 25.94 | <=33.01 | Pass | | | |
| | | 16QAM | 1852.5 | 1 | 0 | 21.93 | 3.62 | 25.55 | <=33.01 | Pass | |
| | | | | | 13 | 22.03 | 3.62 | 25.65 | <=33.01 | Pass | |
| | | | | | 24 | 21.91 | 3.62 | 25.53 | <=33.01 | Pass | |
| 12 | 0 | | | 21.21 | 3.62 | 24.83 | <=33.01 | Pass | | | |
| | 6 | | | 21.32 | 3.62 | 24.94 | <=33.01 | Pass | | | |
| | 13 | | | 21.30 | 3.62 | 24.92 | <=33.01 | Pass | | | |
| 25 | 0 | | | 21.46 | 3.62 | 25.08 | <=33.01 | Pass | | | |
| 1882.5 | 1 | | | 0 | 22.44 | 3.62 | 26.06 | <=33.01 | Pass | | |
| | | | | 13 | 23.32 | 3.62 | 26.94 | <=33.01 | Pass | | |
| | | | 24 | 22.83 | 3.62 | 26.45 | <=33.01 | Pass | | | |
| | 12 | | 0 | 21.50 | 3.62 | 25.12 | <=33.01 | Pass | | | |
| | | | 6 | 21.60 | 3.62 | 25.22 | <=33.01 | Pass | | | |
| | | | 13 | 21.65 | 3.62 | 25.27 | <=33.01 | Pass | | | |
| | 25 | | 0 | 21.67 | 3.62 | 25.29 | <=33.01 | Pass | | | |
| | 1912.5 | | 1 | 0 | 22.09 | 3.62 | 25.71 | <=33.01 | Pass | | |
| | | | | 13 | 22.51 | 3.62 | 26.13 | <=33.01 | Pass | | |
| 24 | | | | 22.19 | 3.62 | 25.81 | <=33.01 | Pass | | | |
| 12 | | | 0 | 21.36 | 3.62 | 24.98 | <=33.01 | Pass | | | |
| | | | 6 | 21.48 | 3.62 | 25.10 | <=33.01 | Pass | | | |
| | | | 13 | 21.51 | 3.62 | 25.13 | <=33.01 | Pass | | | |
| 25 | | | 0 | 21.30 | 3.62 | 24.92 | <=33.01 | Pass | | | |
| 64QAM | | | 1852.5 | 1 | 0 | 21.24 | 3.62 | 24.86 | <=33.01 | Pass | |
| | | | | | 13 | 21.37 | 3.62 | 24.99 | <=33.01 | Pass | |
| | 24 | | | | 20.93 | 3.62 | 24.55 | <=33.01 | Pass | | |
| | 12 | | | 0 | 20.20 | 3.62 | 23.82 | <=33.01 | Pass | | |
| | | | | 6 | 20.43 | 3.62 | 24.05 | <=33.01 | Pass | | |
| | | | | 13 | 20.38 | 3.62 | 24.00 | <=33.01 | Pass | | |
| | 25 | | | 0 | 20.53 | 3.62 | 24.15 | <=33.01 | Pass | | |
| | 1882.5 | | | 1 | 0 | 21.85 | 3.62 | 25.47 | <=33.01 | Pass | |
| | | | | | 13 | 21.93 | 3.62 | 25.55 | <=33.01 | Pass | |
| | | 24 | 21.52 | | 3.62 | 25.14 | <=33.01 | Pass | | | |
| | | 12 | 0 | 20.68 | 3.62 | 24.30 | <=33.01 | Pass | | | |
| | | | 6 | 20.70 | 3.62 | 24.32 | <=33.01 | Pass | | | |
| | | | 13 | 20.65 | 3.62 | 24.27 | <=33.01 | Pass | | | |
| | | 25 | 0 | 20.67 | 3.62 | 24.29 | <=33.01 | Pass | | | |
| | | 1912.5 | 1 | 0 | 20.92 | 3.62 | 24.54 | <=33.01 | Pass | | |
| | | | | 13 | 21.64 | 3.62 | 25.26 | <=33.01 | Pass | | |
| | 24 | | | 20.87 | 3.62 | 24.49 | <=33.01 | Pass | | | |
| | 12 | | 0 | 20.40 | 3.62 | 24.02 | <=33.01 | Pass | | | |
| | | | 6 | 20.54 | 3.62 | 24.16 | <=33.01 | Pass | | | |
| | | | 13 | 20.55 | 3.62 | 24.17 | <=33.01 | Pass | | | |
| | 25 | | 0 | 20.14 | 3.62 | 23.76 | <=33.01 | Pass | | | |
| | Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

1.4 B25_10MHz_EIRP

1.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTNV | | | | | | | | | | |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 1855 | 1 | 0 | 23.52 | 3.62 | 27.14 | <=33.01 | Pass | | |
| | | | 25 | 23.57 | 3.62 | 27.19 | <=33.01 | Pass | | |
| | | | 49 | 23.28 | 3.62 | 26.90 | <=33.01 | Pass | | |
| | | 25 | 0 | 22.37 | 3.62 | 25.99 | <=33.01 | Pass | | |
| | | | 13 | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| | | | 25 | 22.33 | 3.62 | 25.95 | <=33.01 | Pass | | |
| | | 50 | 0 | 22.32 | 3.62 | 25.94 | <=33.01 | Pass | | |
| | | 1882.5 | 1 | 0 | 23.55 | 3.62 | 27.17 | <=33.01 | Pass | |
| | | | | 25 | 24.00 | 3.62 | 27.62 | <=33.01 | Pass | |
| | 49 | | | 23.41 | 3.62 | 27.03 | <=33.01 | Pass | | |
| | 25 | | 0 | 22.60 | 3.62 | 26.22 | <=33.01 | Pass | | |
| | | | 13 | 22.62 | 3.62 | 26.24 | <=33.01 | Pass | | |
| | | | 25 | 22.58 | 3.62 | 26.20 | <=33.01 | Pass | | |
| | 50 | | 0 | 22.56 | 3.62 | 26.18 | <=33.01 | Pass | | |
| | 1910 | | 1 | 0 | 23.38 | 3.62 | 27.00 | <=33.01 | Pass | |
| | | | | 25 | 23.78 | 3.62 | 27.40 | <=33.01 | Pass | |
| | | 49 | | 23.31 | 3.62 | 26.93 | <=33.01 | Pass | | |
| | | 25 | 0 | 22.30 | 3.62 | 25.92 | <=33.01 | Pass | | |
| | | | 13 | 22.51 | 3.62 | 26.13 | <=33.01 | Pass | | |
| | | | 25 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | | |
| | | 50 | 0 | 22.47 | 3.62 | 26.09 | <=33.01 | Pass | | |
| | | 16QAM | 1855 | 1 | 0 | 22.98 | 3.62 | 26.60 | <=33.01 | Pass |
| | | | | | 25 | 23.06 | 3.62 | 26.68 | <=33.01 | Pass |
| | 49 | | | | 22.62 | 3.62 | 26.24 | <=33.01 | Pass | |
| 25 | 0 | | | 21.47 | 3.62 | 25.09 | <=33.01 | Pass | | |
| | 13 | | | 21.49 | 3.62 | 25.11 | <=33.01 | Pass | | |
| | 25 | | | 21.31 | 3.62 | 24.93 | <=33.01 | Pass | | |
| 50 | 0 | | | 21.38 | 3.62 | 25.00 | <=33.01 | Pass | | |
| 1882.5 | 1 | | | 0 | 23.18 | 3.62 | 26.80 | <=33.01 | Pass | |
| | | | | 25 | 23.82 | 3.62 | 27.44 | <=33.01 | Pass | |
| | | | 49 | 23.11 | 3.62 | 26.73 | <=33.01 | Pass | | |
| | 25 | | 0 | 21.79 | 3.62 | 25.41 | <=33.01 | Pass | | |
| | | | 13 | 21.72 | 3.62 | 25.34 | <=33.01 | Pass | | |
| | | | 25 | 21.57 | 3.62 | 25.19 | <=33.01 | Pass | | |
| | 50 | | 0 | 21.53 | 3.62 | 25.15 | <=33.01 | Pass | | |
| | 1910 | | 1 | 0 | 22.54 | 3.62 | 26.16 | <=33.01 | Pass | |
| | | | | 25 | 23.23 | 3.62 | 26.85 | <=33.01 | Pass | |
| 49 | | | | 22.12 | 3.62 | 25.74 | <=33.01 | Pass | | |
| 25 | | | 0 | 21.58 | 3.62 | 25.20 | <=33.01 | Pass | | |
| | | | 13 | 21.61 | 3.62 | 25.23 | <=33.01 | Pass | | |
| | | | 25 | 21.43 | 3.62 | 25.05 | <=33.01 | Pass | | |
| 50 | | | 0 | 21.35 | 3.62 | 24.97 | <=33.01 | Pass | | |
| 64QAM | | | 1855 | 1 | 0 | 21.58 | 3.62 | 25.20 | <=33.01 | Pass |
| | | | | | 25 | 22.14 | 3.62 | 25.76 | <=33.01 | Pass |
| | 49 | | | | 21.91 | 3.62 | 25.53 | <=33.01 | Pass | |
| | 25 | 0 | | 20.80 | 3.62 | 24.42 | <=33.01 | Pass | | |
| | | 13 | | 20.81 | 3.62 | 24.43 | <=33.01 | Pass | | |
| | | 25 | | 20.57 | 3.62 | 24.19 | <=33.01 | Pass | | |
| | 50 | 0 | | 20.34 | 3.62 | 23.96 | <=33.01 | Pass | | |
| | 1882.5 | 1 | | 0 | 21.99 | 3.62 | 25.61 | <=33.01 | Pass | |
| | | | | 25 | 21.65 | 3.62 | 25.27 | <=33.01 | Pass | |
| | | | 49 | 21.43 | 3.62 | 25.05 | <=33.01 | Pass | | |
| | | 25 | 0 | 20.76 | 3.62 | 24.38 | <=33.01 | Pass | | |
| | | | 13 | 20.79 | 3.62 | 24.41 | <=33.01 | Pass | | |
| | | | 25 | 20.68 | 3.62 | 24.30 | <=33.01 | Pass | | |

| | | | | | | | | |
|--|------|----|----|-------|-------|-------|---------|---------|
| | 1910 | 50 | 0 | 20.69 | 3.62 | 24.31 | <=33.01 | Pass |
| | | 1 | 0 | 21.20 | 3.62 | 24.82 | <=33.01 | Pass |
| | | | 25 | 21.54 | 3.62 | 25.16 | <=33.01 | Pass |
| | | | 49 | 21.14 | 3.62 | 24.76 | <=33.01 | Pass |
| | | | 0 | 20.46 | 3.62 | 24.08 | <=33.01 | Pass |
| | | 25 | 13 | 20.68 | 3.62 | 24.30 | <=33.01 | Pass |
| | | | 25 | 20.59 | 3.62 | 24.21 | <=33.01 | Pass |
| | | | 50 | 0 | 20.49 | 3.62 | 24.11 | <=33.01 |

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B25_15MHz_EIRP

1.5.1 Test Result

| Band: 25 / Bandwidth: 15MHz / NTN | | | | | | | | | | |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 1857.5 | 1 | 0 | 23.48 | 3.62 | 27.10 | <=33.01 | Pass | | |
| | | | 38 | 23.47 | 3.62 | 27.09 | <=33.01 | Pass | | |
| | | | 74 | 23.28 | 3.62 | 26.90 | <=33.01 | Pass | | |
| | | 36 | 0 | 22.34 | 3.62 | 25.96 | <=33.01 | Pass | | |
| | | | 18 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | | |
| | | | 39 | 22.31 | 3.62 | 25.93 | <=33.01 | Pass | | |
| | | 75 | 0 | 22.37 | 3.62 | 25.99 | <=33.01 | Pass | | |
| | | 1882.5 | 1 | 0 | 23.50 | 3.62 | 27.12 | <=33.01 | Pass | |
| | | | | 38 | 23.66 | 3.62 | 27.28 | <=33.01 | Pass | |
| | 74 | | | 23.41 | 3.62 | 27.03 | <=33.01 | Pass | | |
| | 36 | | 0 | 22.62 | 3.62 | 26.24 | <=33.01 | Pass | | |
| | | | 18 | 22.61 | 3.62 | 26.23 | <=33.01 | Pass | | |
| | | | 39 | 22.51 | 3.62 | 26.13 | <=33.01 | Pass | | |
| | 75 | 0 | 22.57 | 3.62 | 26.19 | <=33.01 | Pass | | | |
| | 1907.5 | 1 | 0 | 23.43 | 3.62 | 27.05 | <=33.01 | Pass | | |
| | | | 38 | 23.36 | 3.62 | 26.98 | <=33.01 | Pass | | |
| | | | 74 | 23.24 | 3.62 | 26.86 | <=33.01 | Pass | | |
| | | 36 | 0 | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| | | | 18 | 22.39 | 3.62 | 26.01 | <=33.01 | Pass | | |
| | | | 39 | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| | | 75 | 0 | 22.39 | 3.62 | 26.01 | <=33.01 | Pass | | |
| | | 16QAM | 1857.5 | 1 | 0 | 22.94 | 3.62 | 26.56 | <=33.01 | Pass |
| | | | | | 38 | 22.95 | 3.62 | 26.57 | <=33.01 | Pass |
| | 74 | | | | 22.69 | 3.62 | 26.31 | <=33.01 | Pass | |
| 36 | 0 | | | 21.32 | 3.62 | 24.94 | <=33.01 | Pass | | |
| | 18 | | | 21.45 | 3.62 | 25.07 | <=33.01 | Pass | | |
| | 39 | | | 21.38 | 3.62 | 25.00 | <=33.01 | Pass | | |
| 75 | 0 | | 21.32 | 3.62 | 24.94 | <=33.01 | Pass | | | |
| 1882.5 | 1 | | 0 | 23.26 | 3.62 | 26.88 | <=33.01 | Pass | | |
| | | | 38 | 23.29 | 3.62 | 26.91 | <=33.01 | Pass | | |
| | | | 74 | 23.06 | 3.62 | 26.68 | <=33.01 | Pass | | |
| | 36 | | 0 | 21.85 | 3.62 | 25.47 | <=33.01 | Pass | | |
| | | | 18 | 21.69 | 3.62 | 25.31 | <=33.01 | Pass | | |
| | | | 39 | 21.59 | 3.62 | 25.21 | <=33.01 | Pass | | |
| 75 | 0 | | 21.57 | 3.62 | 25.19 | <=33.01 | Pass | | | |
| 1907.5 | 1 | | 0 | 22.53 | 3.62 | 26.15 | <=33.01 | Pass | | |
| | | | 38 | 22.39 | 3.62 | 26.01 | <=33.01 | Pass | | |
| | | | 74 | 22.05 | 3.62 | 25.67 | <=33.01 | Pass | | |

| | | | | | | | | | |
|-------|--------|--------|-------|-------|-------|---------|---------|---------|------|
| 64QAM | 1857.5 | 36 | 0 | 21.30 | 3.62 | 24.92 | <=33.01 | Pass | |
| | | | 18 | 21.36 | 3.62 | 24.98 | <=33.01 | Pass | |
| | | | 39 | 21.52 | 3.62 | 25.14 | <=33.01 | Pass | |
| | | 75 | 0 | 21.33 | 3.62 | 24.95 | <=33.01 | Pass | |
| | | | 1 | 0 | 22.01 | 3.62 | 25.63 | <=33.01 | Pass |
| | | | | 38 | 22.10 | 3.62 | 25.72 | <=33.01 | Pass |
| | | 74 | | 21.94 | 3.62 | 25.56 | <=33.01 | Pass | |
| | | 36 | 0 | 20.54 | 3.62 | 24.16 | <=33.01 | Pass | |
| | | | 18 | 20.57 | 3.62 | 24.19 | <=33.01 | Pass | |
| | 39 | | 20.51 | 3.62 | 24.13 | <=33.01 | Pass | | |
| | 75 | 0 | 20.45 | 3.62 | 24.07 | <=33.01 | Pass | | |
| | | 1882.5 | 1 | 0 | 21.09 | 3.62 | 24.71 | <=33.01 | Pass |
| | | | | 38 | 21.67 | 3.62 | 25.29 | <=33.01 | Pass |
| | 74 | | | 21.20 | 3.62 | 24.82 | <=33.01 | Pass | |
| | 36 | 0 | 20.92 | 3.62 | 24.54 | <=33.01 | Pass | | |
| | | 18 | 20.90 | 3.62 | 24.52 | <=33.01 | Pass | | |
| | | 39 | 20.80 | 3.62 | 24.42 | <=33.01 | Pass | | |
| | 75 | 0 | 20.65 | 3.62 | 24.27 | <=33.01 | Pass | | |
| | | 1907.5 | 1 | 0 | 21.87 | 3.62 | 25.49 | <=33.01 | Pass |
| | | | | 38 | 21.69 | 3.62 | 25.31 | <=33.01 | Pass |
| | 74 | | | 21.42 | 3.62 | 25.04 | <=33.01 | Pass | |
| | 36 | 0 | 20.46 | 3.62 | 24.08 | <=33.01 | Pass | | |
| | | 18 | 20.60 | 3.62 | 24.22 | <=33.01 | Pass | | |
| | | 39 | 20.60 | 3.62 | 24.22 | <=33.01 | Pass | | |
| | 75 | 0 | 20.37 | 3.62 | 23.99 | <=33.01 | Pass | | |

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTNV | | | | | | | | | | |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 1860 | 1 | 0 | 23.18 | 3.62 | 26.80 | <=33.01 | Pass | | |
| | | | 50 | 23.60 | 3.62 | 27.22 | <=33.01 | Pass | | |
| | | | 99 | 23.13 | 3.62 | 26.75 | <=33.01 | Pass | | |
| | | 50 | 0 | 22.36 | 3.62 | 25.98 | <=33.01 | Pass | | |
| | | | 25 | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| | | | 50 | 22.41 | 3.62 | 26.03 | <=33.01 | Pass | | |
| | | 100 | 0 | 22.42 | 3.62 | 26.04 | <=33.01 | Pass | | |
| | | | 1882.5 | 1 | 0 | 23.74 | 3.62 | 27.36 | <=33.01 | Pass |
| | | | | | 50 | 23.95 | 3.62 | 27.57 | <=33.01 | Pass |
| | 99 | 23.44 | | | 3.62 | 27.06 | <=33.01 | Pass | | |
| | 50 | 0 | 22.63 | 3.62 | 26.25 | <=33.01 | Pass | | | |
| | | 25 | 22.59 | 3.62 | 26.21 | <=33.01 | Pass | | | |
| | | 50 | 22.57 | 3.62 | 26.19 | <=33.01 | Pass | | | |
| | 100 | 0 | 22.59 | 3.62 | 26.21 | <=33.01 | Pass | | | |
| | | 1905 | 1 | 0 | 23.46 | 3.62 | 27.08 | <=33.01 | Pass | |
| | | | | 50 | 23.60 | 3.62 | 27.22 | <=33.01 | Pass | |
| | 99 | | | 23.28 | 3.62 | 26.90 | <=33.01 | Pass | | |
| | 50 | 0 | 22.51 | 3.62 | 26.13 | <=33.01 | Pass | | | |
| | | 25 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | | | |
| | | 50 | 22.43 | 3.62 | 26.05 | <=33.01 | Pass | | | |
| | 100 | 0 | 22.40 | 3.62 | 26.02 | <=33.01 | Pass | | | |

| | | | | | | | | |
|-------|--------|-------|-------|-------|---------|---------|---------|------|
| 16QAM | 1860 | 1 | 0 | 22.75 | 3.62 | 26.37 | <=33.01 | Pass |
| | | | 50 | 23.15 | 3.62 | 26.77 | <=33.01 | Pass |
| | | | 99 | 22.80 | 3.62 | 26.42 | <=33.01 | Pass |
| | | 50 | 0 | 21.37 | 3.62 | 24.99 | <=33.01 | Pass |
| | | | 25 | 21.50 | 3.62 | 25.12 | <=33.01 | Pass |
| | | | 50 | 21.37 | 3.62 | 24.99 | <=33.01 | Pass |
| | 100 | 0 | 21.37 | 3.62 | 24.99 | <=33.01 | Pass | |
| | 1882.5 | 1 | 0 | 22.67 | 3.62 | 26.29 | <=33.01 | Pass |
| | | | 50 | 22.73 | 3.62 | 26.35 | <=33.01 | Pass |
| | | | 99 | 22.58 | 3.62 | 26.20 | <=33.01 | Pass |
| | | 50 | 0 | 21.67 | 3.62 | 25.29 | <=33.01 | Pass |
| | | | 25 | 21.66 | 3.62 | 25.28 | <=33.01 | Pass |
| | | | 50 | 21.55 | 3.62 | 25.17 | <=33.01 | Pass |
| | 100 | 0 | 21.66 | 3.62 | 25.28 | <=33.01 | Pass | |
| | 1905 | 1 | 0 | 23.35 | 3.62 | 26.97 | <=33.01 | Pass |
| | | | 50 | 23.90 | 3.62 | 27.52 | <=33.01 | Pass |
| | | | 99 | 23.28 | 3.62 | 26.90 | <=33.01 | Pass |
| | | 50 | 0 | 21.54 | 3.62 | 25.16 | <=33.01 | Pass |
| 25 | | | 21.43 | 3.62 | 25.05 | <=33.01 | Pass | |
| 50 | | | 21.45 | 3.62 | 25.07 | <=33.01 | Pass | |
| 100 | 0 | 21.39 | 3.62 | 25.01 | <=33.01 | Pass | | |
| 64QAM | 1860 | 1 | 0 | 21.79 | 3.62 | 25.41 | <=33.01 | Pass |
| | | | 50 | 21.98 | 3.62 | 25.60 | <=33.01 | Pass |
| | | | 99 | 21.47 | 3.62 | 25.09 | <=33.01 | Pass |
| | | 50 | 0 | 20.45 | 3.62 | 24.07 | <=33.01 | Pass |
| | | | 25 | 20.53 | 3.62 | 24.15 | <=33.01 | Pass |
| | | | 50 | 20.54 | 3.62 | 24.16 | <=33.01 | Pass |
| | 100 | 0 | 20.38 | 3.62 | 24.00 | <=33.01 | Pass | |
| | 1882.5 | 1 | 0 | 22.09 | 3.62 | 25.71 | <=33.01 | Pass |
| | | | 50 | 22.30 | 3.62 | 25.92 | <=33.01 | Pass |
| | | | 99 | 21.80 | 3.62 | 25.42 | <=33.01 | Pass |
| | | 50 | 0 | 20.70 | 3.62 | 24.32 | <=33.01 | Pass |
| | | | 25 | 20.69 | 3.62 | 24.31 | <=33.01 | Pass |
| | | | 50 | 20.61 | 3.62 | 24.23 | <=33.01 | Pass |
| | 100 | 0 | 20.77 | 3.62 | 24.39 | <=33.01 | Pass | |
| | 1905 | 1 | 0 | 21.63 | 3.62 | 25.25 | <=33.01 | Pass |
| | | | 50 | 22.09 | 3.62 | 25.71 | <=33.01 | Pass |
| | | | 99 | 21.49 | 3.62 | 25.11 | <=33.01 | Pass |
| | | 50 | 0 | 20.60 | 3.62 | 24.22 | <=33.01 | Pass |
| 25 | | | 20.48 | 3.62 | 24.10 | <=33.01 | Pass | |
| 50 | | | 20.50 | 3.62 | 24.12 | <=33.01 | Pass | |
| 100 | 0 | 20.45 | 3.62 | 24.07 | <=33.01 | Pass | | |

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

| Band: 25 / 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 | 6.12 | 5.364 | 0.0029 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 6.695 | 0.0036 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|--------|--------|---|-----|------|--------|---------|-------------|-------------|------|
| 16QAM | 1882.5 | 6 | 0 | | 8.28 | 7.510 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 8.011 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 9.871 | 0.0053 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 10.986 | 0.0059 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 13.089 | 0.0071 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 11.673 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 13.933 | 0.0075 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 16.365 | 0.0088 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 14.634 | 0.0079 | -2.5 to 2.5 | Pass |
| | 1882.5 | 6 | 0 | 20 | 6.12 | -6.766 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -5.679 | -0.0030 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -5.493 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -3.548 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -4.349 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -4.048 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -4.449 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -3.562 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -2.933 | -0.0016 | -2.5 to 2.5 | Pass |
| | 1882.5 | 6 | 0 | 20 | 6.12 | -3.891 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -2.375 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -3.047 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -1.917 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -3.619 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -2.418 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -1.745 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -2.317 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -2.689 | -0.0014 | -2.5 to 2.5 | Pass |
| | 1850.7 | 6 | 0 | 20 | 6.12 | 15.650 | 0.0085 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 14.348 | 0.0078 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 14.105 | 0.0076 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 12.059 | 0.0065 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 10.057 | 0.0054 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 9.198 | 0.0050 | -2.5 to 2.5 | Pass |
| 0 | | | | 7.20 | 7.367 | 0.0040 | -2.5 to 2.5 | Pass | |
| 10 | | | | 7.20 | 6.137 | 0.0033 | -2.5 to 2.5 | Pass | |
| 30 | | | | 7.20 | 5.264 | 0.0028 | -2.5 to 2.5 | Pass | |
| 1882.5 | 6 | 0 | 20 | 6.12 | -1.974 | -0.0010 | -2.5 to 2.5 | Pass | |
| | | | | 7.20 | -1.674 | -0.0009 | -2.5 to 2.5 | Pass | |
| | | | | 8.28 | -0.072 | 0.0000 | -2.5 to 2.5 | Pass | |
| | | | -30 | 7.20 | -0.501 | -0.0003 | -2.5 to 2.5 | Pass | |
| | | | -20 | 7.20 | -2.146 | -0.0011 | -2.5 to 2.5 | Pass | |
| | | | -10 | 7.20 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass | |
| | | | 0 | 7.20 | -0.486 | -0.0003 | -2.5 to 2.5 | Pass | |
| | | | 10 | 7.20 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass | |
| | | | 30 | 7.20 | -1.359 | -0.0007 | -2.5 to 2.5 | Pass | |
| 1914.3 | 6 | 0 | 20 | 6.12 | -0.300 | -0.0002 | -2.5 to 2.5 | Pass | |
| | | | | 7.20 | -0.930 | -0.0005 | -2.5 to 2.5 | Pass | |
| | | | | 8.28 | -1.960 | -0.0010 | -2.5 to 2.5 | Pass | |
| | | | -30 | 7.20 | -1.431 | -0.0007 | -2.5 to 2.5 | Pass | |
| | | | -20 | 7.20 | -2.532 | -0.0013 | -2.5 to 2.5 | Pass | |

| | | | | | | | | | | |
|--------|--------|--------|-----|------|--------|---------|-------------|-------------|-------------|------|
| 64QAM | 1850.7 | 6 | 0 | -10 | 7.20 | -1.502 | -0.0008 | -2.5 to 2.5 | Pass | |
| | | | | 0 | 7.20 | -1.931 | -0.0010 | -2.5 to 2.5 | Pass | |
| | | | | 10 | 7.20 | -0.858 | -0.0004 | -2.5 to 2.5 | Pass | |
| | | | | 30 | 7.20 | -1.159 | -0.0006 | -2.5 to 2.5 | Pass | |
| | | | | 40 | 7.20 | -1.774 | -0.0009 | -2.5 to 2.5 | Pass | |
| | | | | 50 | 7.20 | -0.801 | -0.0004 | -2.5 to 2.5 | Pass | |
| | 1882.5 | 6 | 0 | 20 | 6.12 | 0.129 | 0.0001 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | 0.458 | 0.0002 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | 0.415 | 0.0002 | -2.5 to 2.5 | Pass | |
| | | | | -20 | 7.20 | -1.087 | -0.0006 | -2.5 to 2.5 | Pass | |
| | | | | -10 | 7.20 | -0.772 | -0.0004 | -2.5 to 2.5 | Pass | |
| | | 1914.3 | 6 | 0 | 20 | 6.12 | -1.345 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | | | 7.20 | -0.486 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | | 8.28 | -1.731 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | | -30 | 7.20 | -0.558 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | -20 | 7.20 | -1.802 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | -10 | 7.20 | -1.416 | -0.0008 | -2.5 to 2.5 | Pass |
| 1882.5 | 6 | 0 | 20 | 6.12 | -1.230 | -0.0006 | -2.5 to 2.5 | Pass | | |
| | | | | 7.20 | -1.745 | -0.0009 | -2.5 to 2.5 | Pass | | |
| | | | | 8.28 | -0.801 | -0.0004 | -2.5 to 2.5 | Pass | | |
| | | | -30 | 7.20 | -0.558 | -0.0003 | -2.5 to 2.5 | Pass | | |
| | | | -20 | 7.20 | -0.901 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | -10 | 7.20 | -1.287 | -0.0007 | -2.5 to 2.5 | Pass | | |
| | 1914.3 | 6 | 0 | 20 | 6.12 | 0.343 | 0.0002 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | -2.060 | -0.0011 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | 0.229 | 0.0001 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | 0.229 | 0.0001 | -2.5 to 2.5 | Pass | |
| | | | | -20 | 7.20 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass | |
| | | | | -10 | 7.20 | -0.787 | -0.0004 | -2.5 to 2.5 | Pass | |
| 1850.7 | 6 | 0 | 20 | 6.12 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | | 7.20 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | | 8.28 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | -30 | 7.20 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | -20 | 7.20 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |
| | | | -10 | 7.20 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | | |

2.2 B25_3MHz

2.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz | | | | | | | | | |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1851.5 | 15 | 0 | 20 | 6.12 | -1.817 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -2.389 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -0.787 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -2.289 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -2.160 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -0.744 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -1.445 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -0.787 | -0.0004 | -2.5 to 2.5 | Pass |

| | | | | | | | | | | | | |
|--------|--------|-------|--------|-------------|-------------|---------|-------------|-------------|--------|---------|-------------|------|
| | 1882.5 | 15 | 0 | 30 | 7.20 | -2.160 | -0.0012 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | -1.760 | -0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | -1.559 | -0.0008 | -2.5 to 2.5 | Pass | | | |
| | | | | 20 | 6.12 | 2.446 | 0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | 2.747 | 0.0015 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | 1.345 | 0.0007 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | 1.974 | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | 3.119 | 0.0017 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | 2.732 | 0.0015 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | 2.532 | 0.0013 | -2.5 to 2.5 | Pass | | | | | | |
| | 10 | 7.20 | 2.303 | 0.0012 | -2.5 to 2.5 | Pass | | | | | | |
| | 30 | 7.20 | 2.131 | 0.0011 | -2.5 to 2.5 | Pass | | | | | | |
| | 40 | 7.20 | 2.589 | 0.0014 | -2.5 to 2.5 | Pass | | | | | | |
| | 50 | 7.20 | 1.602 | 0.0009 | -2.5 to 2.5 | Pass | | | | | | |
| | 1913.5 | 15 | 0 | 20 | 6.12 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | -1.302 | -0.0007 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | -0.615 | -0.0003 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | -0.257 | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | 0.658 | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | -0.930 | -0.0005 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | -0.815 | -0.0004 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | -1.059 | -0.0006 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | -1.087 | -0.0006 | -2.5 to 2.5 | Pass | | | |
| 50 | | | | 7.20 | -0.257 | -0.0001 | -2.5 to 2.5 | Pass | | | | |
| 16QAM | | | | 1851.5 | 15 | 0 | 20 | 6.12 | -0.229 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | 0.501 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | 1.273 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | | | -30 | 7.20 | -0.057 | 0.0000 | -2.5 to 2.5 | Pass |
| | -20 | 7.20 | -1.187 | | | | -0.0006 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | -1.087 | | | | -0.0006 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | -0.215 | | | | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | -0.672 | | | | -0.0004 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | -0.944 | | | | -0.0005 | -2.5 to 2.5 | Pass | | | |
| | 40 | 7.20 | 0.558 | 0.0003 | -2.5 to 2.5 | Pass | | | | | | |
| | 50 | 7.20 | -0.801 | -0.0004 | -2.5 to 2.5 | Pass | | | | | | |
| | 1882.5 | 15 | 0 | 20 | 6.12 | 2.074 | 0.0011 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | 1.945 | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | 2.217 | 0.0012 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | 1.631 | 0.0009 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | 2.518 | 0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | 2.403 | 0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | 4.606 | 0.0024 | -2.5 to 2.5 | Pass | | | |
| 10 | | | | 7.20 | 2.460 | 0.0013 | -2.5 to 2.5 | Pass | | | | |
| 30 | | | | 7.20 | 1.559 | 0.0008 | -2.5 to 2.5 | Pass | | | | |
| 40 | 7.20 | 2.732 | 0.0015 | -2.5 to 2.5 | Pass | | | | | | | |
| 50 | 7.20 | 3.934 | 0.0021 | -2.5 to 2.5 | Pass | | | | | | | |
| 1913.5 | 15 | 0 | 20 | 6.12 | -0.014 | 0.0000 | -2.5 to 2.5 | Pass | | | | |
| | | | | 7.20 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass | | | | |
| | | | | 8.28 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass | | | | |
| | | | -30 | 7.20 | 1.087 | 0.0006 | -2.5 to 2.5 | Pass | | | | |
| | | | -20 | 7.20 | 1.001 | 0.0005 | -2.5 to 2.5 | Pass | | | | |
| | | | -10 | 7.20 | 0.257 | 0.0001 | -2.5 to 2.5 | Pass | | | | |
| | | | 0 | 7.20 | 1.073 | 0.0006 | -2.5 to 2.5 | Pass | | | | |
| | | | 10 | 7.20 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass | | | | |
| | | | 30 | 7.20 | 0.257 | 0.0001 | -2.5 to 2.5 | Pass | | | | |
| | | | 40 | 7.20 | 1.259 | 0.0007 | -2.5 to 2.5 | Pass | | | | |
| 50 | 7.20 | 1.230 | 0.0006 | -2.5 to 2.5 | Pass | | | | | | | |

| | | | | | | | | | | |
|-------|--------|--------|---------|-------------|-------------|--------|-------------|-------------|-------------|-------------|
| 64QAM | 1851.5 | 15 | 0 | 20 | 6.12 | -1.917 | -0.0010 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | -1.860 | -0.0010 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | -1.373 | -0.0007 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | -0.558 | -0.0003 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 7.20 | -1.245 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | | | -10 | 7.20 | -1.545 | -0.0008 | -2.5 to 2.5 |
| | | | | 0 | 7.20 | -0.901 | -0.0005 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 7.20 | -0.973 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -0.830 | -0.0004 | -2.5 to 2.5 | Pass | |
| | | | | 40 | 7.20 | -2.432 | -0.0013 | -2.5 to 2.5 | Pass | |
| | 50 | 7.20 | -2.203 | -0.0012 | -2.5 to 2.5 | Pass | | | | |
| | 1882.5 | 15 | 0 | 20 | 6.12 | 2.360 | 0.0013 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | 2.289 | 0.0012 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | 2.432 | 0.0013 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | 2.789 | 0.0015 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 7.20 | 2.460 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | | -10 | 7.20 | 2.589 | 0.0014 | -2.5 to 2.5 |
| | | | | 0 | 7.20 | 2.518 | 0.0013 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 7.20 | 2.046 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 3.433 | 0.0018 | -2.5 to 2.5 | Pass | |
| | | | | 40 | 7.20 | 3.033 | 0.0016 | -2.5 to 2.5 | Pass | |
| | 50 | 7.20 | 1.831 | 0.0010 | -2.5 to 2.5 | Pass | | | | |
| | 1913.5 | 15 | 0 | 20 | 6.12 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | -0.687 | -0.0004 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | 0.057 | 0.0000 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 7.20 | 0.415 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | | -10 | 7.20 | -0.215 | -0.0001 | -2.5 to 2.5 |
| | | | | 0 | 7.20 | -1.044 | -0.0005 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 7.20 | -1.774 | -0.0009 | -2.5 to 2.5 | Pass |
| 30 | | | | 7.20 | 0.057 | 0.0000 | -2.5 to 2.5 | Pass | | |
| 40 | | | | 7.20 | 0.029 | 0.0000 | -2.5 to 2.5 | Pass | | |
| 50 | 7.20 | -0.987 | -0.0005 | -2.5 to 2.5 | Pass | | | | | |

2.3 B25_5MHz

2.3.1 Test Result

| Band: 25 / 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 | 6.12 | 1.216 | 0.0007 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | 0.429 | 0.0002 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | 1.202 | 0.0006 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 7.20 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 7.20 | 0.558 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | | | -10 | 7.20 | -0.358 | -0.0002 | -2.5 to 2.5 |
| | | | | 0 | 7.20 | -0.529 | -0.0003 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 7.20 | -0.358 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass | |
| | | | | 40 | 7.20 | 0.930 | 0.0005 | -2.5 to 2.5 | Pass | |
| | 50 | 7.20 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass | | | | |
| | 1882.5 | 25 | 0 | 20 | 6.12 | 3.161 | 0.0017 | -2.5 to 2.5 | Pass | |
| | | | | | 7.20 | 3.090 | 0.0016 | -2.5 to 2.5 | Pass | |
| | | | | | 8.28 | 4.106 | 0.0022 | -2.5 to 2.5 | Pass | |

| | | | | | | | | | |
|-------|--------|-------|--------|-------------|--------|---------|-------------|-------------|------|
| | | | | -30 | 7.20 | 3.705 | 0.0020 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 2.575 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 3.548 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 2.804 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 1.945 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 2.432 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 1.001 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 1.974 | 0.0010 | -2.5 to 2.5 | Pass |
| | 1912.5 | 25 | 0 | 20 | 6.12 | -4.020 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -3.018 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -4.735 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -3.204 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -3.090 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -2.446 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -3.090 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -3.090 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -3.676 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -3.963 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | -4.463 | -0.0023 | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20 | 6.12 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.717 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -0.372 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -0.744 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -1.230 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -1.559 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -0.615 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -0.758 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 0.200 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 0.429 | 0.0002 | -2.5 to 2.5 | Pass |
| | 1882.5 | 25 | 0 | 20 | 6.12 | 2.875 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 2.761 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 2.375 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 3.548 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 1.731 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 1.287 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 2.661 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 0.072 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 0.458 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 0.772 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 1.130 | 0.0006 | -2.5 to 2.5 | Pass |
| | 1912.5 | 25 | 0 | 20 | 6.12 | -1.917 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.974 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -2.661 | -0.0014 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -1.974 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -3.119 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -2.103 | -0.0011 | -2.5 to 2.5 | Pass |
| 0 | | | | 7.20 | -1.616 | -0.0008 | -2.5 to 2.5 | Pass | |
| 10 | | | | 7.20 | -2.518 | -0.0013 | -2.5 to 2.5 | Pass | |
| 30 | | | | 7.20 | -0.701 | -0.0004 | -2.5 to 2.5 | Pass | |
| 40 | | | | 7.20 | -3.047 | -0.0016 | -2.5 to 2.5 | Pass | |
| 50 | | | | 7.20 | -2.689 | -0.0014 | -2.5 to 2.5 | Pass | |
| 64QAM | 1852.5 | 25 | 0 | 20 | 6.12 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.287 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.172 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -0.372 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
| -10 | 7.20 | 0.343 | 0.0002 | -2.5 to 2.5 | Pass | | | | |

| | | | | | | | | | | | | |
|----|--------|--------|---------|-------------|------|--------|-------------|-------------|--------|---------|-------------|------|
| | | | | 0 | 7.20 | -0.658 | -0.0004 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | -0.286 | -0.0002 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | -0.029 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | -0.401 | -0.0002 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 25 | 0 | 20 | 6.12 | 1.903 | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | 2.933 | 0.0016 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | 0.887 | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | 1.130 | 0.0006 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | 1.817 | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | 0.858 | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | 1.917 | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | 1.574 | 0.0008 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | 0.758 | 0.0004 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | 2.875 | 0.0015 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | 2.117 | 0.0011 | -2.5 to 2.5 | Pass | | | |
| | | | | 1912.5 | 25 | 0 | 20 | 6.12 | -1.974 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | -1.717 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | | | -30 | 7.20 | -2.060 | -0.0011 | -2.5 to 2.5 | Pass |
| | -20 | 7.20 | -3.004 | | | | -0.0016 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | -1.488 | | | | -0.0008 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | -1.302 | | | | -0.0007 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | -1.960 | | | | -0.0010 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | -0.572 | | | | -0.0003 | -2.5 to 2.5 | Pass | | | |
| 40 | 7.20 | -1.473 | -0.0008 | | | | -2.5 to 2.5 | Pass | | | | |
| 50 | 7.20 | -1.101 | -0.0006 | -2.5 to 2.5 | Pass | | | | | | | |

2.4 B25_10MHz

2.4.1 Test Result

| Band: 25 / 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 | 6.12 | -2.217 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -2.475 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -2.160 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -0.844 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -1.388 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -1.459 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -2.060 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -2.589 | -0.0014 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -2.117 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -2.933 | -0.0016 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | -2.346 | -0.0013 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 50 | 0 | 20 | 6.12 | 2.546 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 2.174 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 2.847 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 2.174 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 1.688 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 2.890 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.888 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 2.275 | 0.0012 | -2.5 to 2.5 | Pass |
| 30 | | | | 7.20 | 1.230 | 0.0007 | -2.5 to 2.5 | Pass | |

| | | | | | | | | | |
|-------|--------|--------|---------|-------------|---------|-------------|-------------|-------------|--------|
| | 1910 | 50 | 0 | 40 | 7.20 | 1.202 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 1.531 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 20 | 6.12 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.287 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -2.160 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -2.818 | -0.0015 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -0.358 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -0.858 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -1.202 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -2.289 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -1.230 | -0.0006 | -2.5 to 2.5 | Pass |
| 50 | 7.20 | -0.772 | -0.0004 | -2.5 to 2.5 | Pass | | | | |
| 16QAM | 1855 | 50 | 0 | 20 | 6.12 | -1.059 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.559 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -3.004 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -2.489 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -3.233 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -1.745 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -2.060 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -2.904 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -1.903 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -1.917 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | -2.260 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 1882.5 | 50 | 0 | 20 | 6.12 | 0.172 |
| | 7.20 | 1.016 | 0.0005 | | | | | -2.5 to 2.5 | Pass |
| | 8.28 | 1.345 | 0.0007 | | | | | -2.5 to 2.5 | Pass |
| | -30 | 7.20 | 2.031 | | | | 0.0011 | -2.5 to 2.5 | Pass |
| | -20 | 7.20 | 1.917 | | | | 0.0010 | -2.5 to 2.5 | Pass |
| | -10 | 7.20 | 0.944 | | | | 0.0005 | -2.5 to 2.5 | Pass |
| | 0 | 7.20 | 1.917 | | | | 0.0010 | -2.5 to 2.5 | Pass |
| | 10 | 7.20 | 1.960 | | | | 0.0010 | -2.5 to 2.5 | Pass |
| | 30 | 7.20 | 1.359 | | | | 0.0007 | -2.5 to 2.5 | Pass |
| | 40 | 7.20 | 1.359 | | | | 0.0007 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | 1.416 | | | | 0.0008 | -2.5 to 2.5 | Pass |
| | 1910 | 50 | 0 | | | | 20 | 6.12 | -0.744 |
| | | | | 7.20 | -0.987 | -0.0005 | | -2.5 to 2.5 | Pass |
| 8.28 | | | | -0.415 | -0.0002 | -2.5 to 2.5 | | Pass | |
| -30 | | | | 7.20 | -1.645 | -0.0009 | -2.5 to 2.5 | Pass | |
| -20 | | | | 7.20 | -3.161 | -0.0017 | -2.5 to 2.5 | Pass | |
| -10 | | | | 7.20 | -1.745 | -0.0009 | -2.5 to 2.5 | Pass | |
| 0 | | | | 7.20 | -1.531 | -0.0008 | -2.5 to 2.5 | Pass | |
| 10 | | | | 7.20 | -1.016 | -0.0005 | -2.5 to 2.5 | Pass | |
| 30 | | | | 7.20 | -1.516 | -0.0008 | -2.5 to 2.5 | Pass | |
| 40 | | | | 7.20 | -2.246 | -0.0012 | -2.5 to 2.5 | Pass | |
| 50 | | | | 7.20 | -1.016 | -0.0005 | -2.5 to 2.5 | Pass | |
| 64QAM | | | | 1855 | 50 | 0 | 20 | 6.12 | -1.588 |
| | 7.20 | -2.260 | -0.0012 | | | | | -2.5 to 2.5 | Pass |
| | 8.28 | -0.930 | -0.0005 | | | | | -2.5 to 2.5 | Pass |
| | -30 | 7.20 | -2.074 | | | | -0.0011 | -2.5 to 2.5 | Pass |
| | -20 | 7.20 | -2.933 | | | | -0.0016 | -2.5 to 2.5 | Pass |
| | -10 | 7.20 | -1.001 | | | | -0.0005 | -2.5 to 2.5 | Pass |
| | 0 | 7.20 | -2.017 | | | | -0.0011 | -2.5 to 2.5 | Pass |
| | 10 | 7.20 | -3.119 | | | | -0.0017 | -2.5 to 2.5 | Pass |
| | 30 | 7.20 | -1.044 | | | | -0.0006 | -2.5 to 2.5 | Pass |
| | 40 | 7.20 | -1.559 | | | | -0.0008 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | -1.631 | | | | -0.0009 | -2.5 to 2.5 | Pass |
| | 1882.5 | 50 | 0 | | | | 20 | 6.12 | 1.302 |

| | | | | | | | | | |
|----|------|--------|---------|-------------|------|--------|---------|-------------|------|
| | | | | | 7.20 | 1.359 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.072 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.745 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.658 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -0.215 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -0.672 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 0.830 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 0.172 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 1.144 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 0.858 | 0.0005 | -2.5 to 2.5 | Pass |
| | 1910 | 50 | 0 | 20 | 6.12 | -1.488 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -2.260 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | -1.245 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | -1.917 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -2.146 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | -2.518 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -1.674 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -1.302 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -1.144 | -0.0006 | -2.5 to 2.5 | Pass |
| 50 | 7.20 | -1.316 | -0.0007 | -2.5 to 2.5 | Pass | | | | |

2.5 B25_15MHz

2.5.1 Test Result

| Band: 25 / 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 | 6.12 | -2.146 | -0.0012 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | -2.890 | -0.0016 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | -2.503 | -0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | -2.546 | -0.0014 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | -3.490 | -0.0019 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | -2.589 | -0.0014 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | -2.074 | -0.0011 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | -2.346 | -0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | -2.074 | -0.0011 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | -1.674 | -0.0009 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | -2.031 | -0.0011 | -2.5 to 2.5 | Pass | | | |
| | | | | 1882.5 | 75 | 0 | 20 | 6.12 | 1.745 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | 0.958 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | 0.973 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | | | -30 | 7.20 | 1.817 | 0.0010 | -2.5 to 2.5 | Pass |
| | -20 | 7.20 | 1.802 | | | | 0.0010 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | 2.017 | | | | 0.0011 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | 1.717 | | | | 0.0009 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | 1.788 | | | | 0.0009 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | 0.229 | | | | 0.0001 | -2.5 to 2.5 | Pass | | | |
| | 40 | 7.20 | 0.529 | | | | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | 50 | 7.20 | 0.572 | 0.0003 | -2.5 to 2.5 | Pass | | | | | | |
| | 1907.5 | 75 | 0 | 20 | 6.12 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | 0.801 | 0.0004 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | 0.730 | 0.0004 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | 0.358 | 0.0002 | -2.5 to 2.5 | Pass | | | |

| | | | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|---------|-------------|-------------|--------|---------|-------------|------|
| | | | | -20 | 7.20 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | 0.873 | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | -0.587 | -0.0003 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | 0.186 | 0.0001 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | 0.372 | 0.0002 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass | | | |
| 16QAM | 1857.5 | 75 | 0 | 20 | 6.12 | -4.749 | -0.0026 | -2.5 to 2.5 | Pass | | | |
| | | | | | 7.20 | -1.760 | -0.0009 | -2.5 to 2.5 | Pass | | | |
| | | | | | 8.28 | -2.275 | -0.0012 | -2.5 to 2.5 | Pass | | | |
| | | | | -30 | 7.20 | -1.459 | -0.0008 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | -2.389 | -0.0013 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | -3.676 | -0.0020 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | -4.549 | -0.0024 | -2.5 to 2.5 | Pass | | | |
| | | | | 10 | 7.20 | -2.847 | -0.0015 | -2.5 to 2.5 | Pass | | | |
| | | | | 30 | 7.20 | -1.945 | -0.0010 | -2.5 to 2.5 | Pass | | | |
| | | | | 40 | 7.20 | -3.004 | -0.0016 | -2.5 to 2.5 | Pass | | | |
| | | | | 50 | 7.20 | -3.591 | -0.0019 | -2.5 to 2.5 | Pass | | | |
| | | | | 1882.5 | 75 | 0 | 20 | 6.12 | 0.129 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | 1.073 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | 1.860 | 0.0010 | -2.5 to 2.5 | Pass |
| | -30 | 7.20 | 1.502 | | | | 0.0008 | -2.5 to 2.5 | Pass | | | |
| | -20 | 7.20 | 0.944 | | | | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | 0.744 | | | | 0.0004 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | 0.629 | | | | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | 0.944 | | | | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | 0.973 | | | | 0.0005 | -2.5 to 2.5 | Pass | | | |
| | 40 | 7.20 | 1.388 | | | | 0.0007 | -2.5 to 2.5 | Pass | | | |
| | 50 | 7.20 | 2.518 | | | | 0.0013 | -2.5 to 2.5 | Pass | | | |
| | 1907.5 | 75 | 0 | | | | 20 | 6.12 | 0.429 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | -0.501 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 0.014 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | -0.057 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | 0.358 | 0.0002 | -2.5 to 2.5 | Pass | | | |
| 0 | | | | 7.20 | 0.529 | 0.0003 | -2.5 to 2.5 | Pass | | | | |
| 10 | | | | 7.20 | 0.758 | 0.0004 | -2.5 to 2.5 | Pass | | | | |
| 30 | | | | 7.20 | 0.529 | 0.0003 | -2.5 to 2.5 | Pass | | | | |
| 40 | | | | 7.20 | -1.101 | -0.0006 | -2.5 to 2.5 | Pass | | | | |
| 50 | | | | 7.20 | 0.501 | 0.0003 | -2.5 to 2.5 | Pass | | | | |
| 64QAM | | | | 1857.5 | 75 | 0 | 20 | 6.12 | -3.691 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | -3.161 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | -2.174 | -0.0012 | -2.5 to 2.5 | Pass |
| | -30 | 7.20 | -3.963 | | | | -0.0021 | -2.5 to 2.5 | Pass | | | |
| | -20 | 7.20 | -4.506 | | | | -0.0024 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | -2.389 | | | | -0.0013 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | -3.304 | | | | -0.0018 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | -2.847 | | | | -0.0015 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | -3.533 | | | | -0.0019 | -2.5 to 2.5 | Pass | | | |
| | 40 | 7.20 | -2.518 | | | | -0.0014 | -2.5 to 2.5 | Pass | | | |
| | 50 | 7.20 | -4.091 | | | | -0.0022 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 75 | 0 | | | | 20 | 6.12 | 0.272 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | | | | 7.20 | 0.858 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | | | | 8.28 | 1.888 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 0.601 | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | | | | -20 | 7.20 | 0.458 | 0.0002 | -2.5 to 2.5 | Pass | | | |
| | | | | -10 | 7.20 | 0.386 | 0.0002 | -2.5 to 2.5 | Pass | | | |
| | | | | 0 | 7.20 | 1.030 | 0.0005 | -2.5 to 2.5 | Pass | | | |

| | | | | | | | | | |
|--|------|--------|---------|---------|-------------|-------|--------|-------------|------|
| | | | | 10 | 7.20 | 2.060 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 1.588 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 1.531 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 50 | 7.20 | 0.458 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 20 | 6.12 | 0.715 | 0.0004 | -2.5 to 2.5 | Pass |
| | 7.20 | 0.787 | 0.0004 | | -2.5 to 2.5 | Pass | | | |
| | 8.28 | -0.629 | -0.0003 | | -2.5 to 2.5 | Pass | | | |
| | -30 | 7.20 | 0.157 | 0.0001 | -2.5 to 2.5 | Pass | | | |
| | -20 | 7.20 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | -10 | 7.20 | -1.416 | -0.0007 | -2.5 to 2.5 | Pass | | | |
| | 0 | 7.20 | 0.029 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | 10 | 7.20 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass | | | |
| | 30 | 7.20 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass | | | |
| | 40 | 7.20 | -0.629 | -0.0003 | -2.5 to 2.5 | Pass | | | |
| | 50 | 7.20 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass | | | |

2.6 B25_20MHz

2.6.1 Test Result

| Band: 25 / 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 | 6.12 | 0.930 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 1.717 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.373 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.887 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.901 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.001 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 2.217 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 2.303 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 1.373 | 0.0007 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | 0.601 | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 100 | 0 | 20 | 6.12 | 1.373 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 1.945 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.772 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 0.615 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | -0.844 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.129 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 0.114 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | -0.815 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -0.043 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | 0.701 | 0.0004 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | 1.516 | 0.0008 | -2.5 to 2.5 | Pass | | | |
| | 1905 | 100 | 0 | 20 | 6.12 | 0.873 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 0.930 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 2.303 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.130 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.873 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.930 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.187 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 0.815 | 0.0004 | -2.5 to 2.5 | Pass |
| 30 | | | | 7.20 | 0.873 | 0.0005 | -2.5 to 2.5 | Pass | |
| 40 | | | | 7.20 | 1.502 | 0.0008 | -2.5 to 2.5 | Pass | |

| | | | | | | | | | |
|-------|--------|-------|--------|-------------|-------------|--------|-------------|-------------|------|
| 16QAM | 1860 | 100 | 0 | 50 | 7.20 | 0.501 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 20 | 6.12 | 1.545 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 1.874 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.101 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.629 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.129 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.488 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 2.675 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 0.844 | 0.0005 | -2.5 to 2.5 | Pass |
| | 40 | 7.20 | 0.801 | 0.0004 | -2.5 to 2.5 | Pass | | | |
| | 50 | 7.20 | 1.431 | 0.0008 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 100 | 0 | 20 | 6.12 | 1.516 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 0.730 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 1.359 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 0.501 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 1.388 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.016 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 1.230 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | -0.887 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -0.057 | 0.0000 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | 0.544 | 0.0003 | -2.5 to 2.5 | Pass | | | |
| | 1905 | 100 | 0 | 20 | 6.12 | 0.286 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 1.831 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.944 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.845 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.844 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 1.173 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.473 | 0.0008 | -2.5 to 2.5 | Pass |
| 10 | | | | 7.20 | 1.717 | 0.0009 | -2.5 to 2.5 | Pass | |
| 30 | | | | 7.20 | 1.273 | 0.0007 | -2.5 to 2.5 | Pass | |
| 40 | | | | 7.20 | 1.817 | 0.0010 | -2.5 to 2.5 | Pass | |
| 50 | 7.20 | 2.117 | 0.0011 | -2.5 to 2.5 | Pass | | | | |
| 64QAM | 1860 | 100 | 0 | 20 | 6.12 | 1.616 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 2.289 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.443 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 1.988 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.515 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.086 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 0.358 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 0.286 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 0.544 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | 1.473 | 0.0008 | -2.5 to 2.5 | Pass | | | |
| | 1882.5 | 100 | 0 | 20 | 6.12 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | -1.173 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 8.28 | 0.587 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -30 | 7.20 | 0.572 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 7.20 | 0.315 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 7.20 | 0.386 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 7.20 | 1.359 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 10 | 7.20 | 0.329 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 30 | 7.20 | 0.200 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 7.20 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
| | 50 | 7.20 | -0.072 | 0.0000 | -2.5 to 2.5 | Pass | | | |
| | 1905 | 100 | 0 | 20 | 6.12 | 2.561 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 7.20 | 1.516 | 0.0008 | -2.5 to 2.5 | Pass |

| | | | | | | | | |
|--|--|--|-----|------|--------|--------|-------------|------|
| | | | | 8.28 | 1.116 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | -30 | 7.20 | 2.332 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | -20 | 7.20 | 0.787 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | -10 | 7.20 | 1.001 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | 0 | 7.20 | 1.373 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | 10 | 7.20 | 1.645 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | 30 | 7.20 | -0.086 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | 40 | 7.20 | 1.674 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | 50 | 7.20 | 0.744 | 0.0004 | -2.5 to 2.5 | Pass |

3. 99% & 26dB Bandwidth

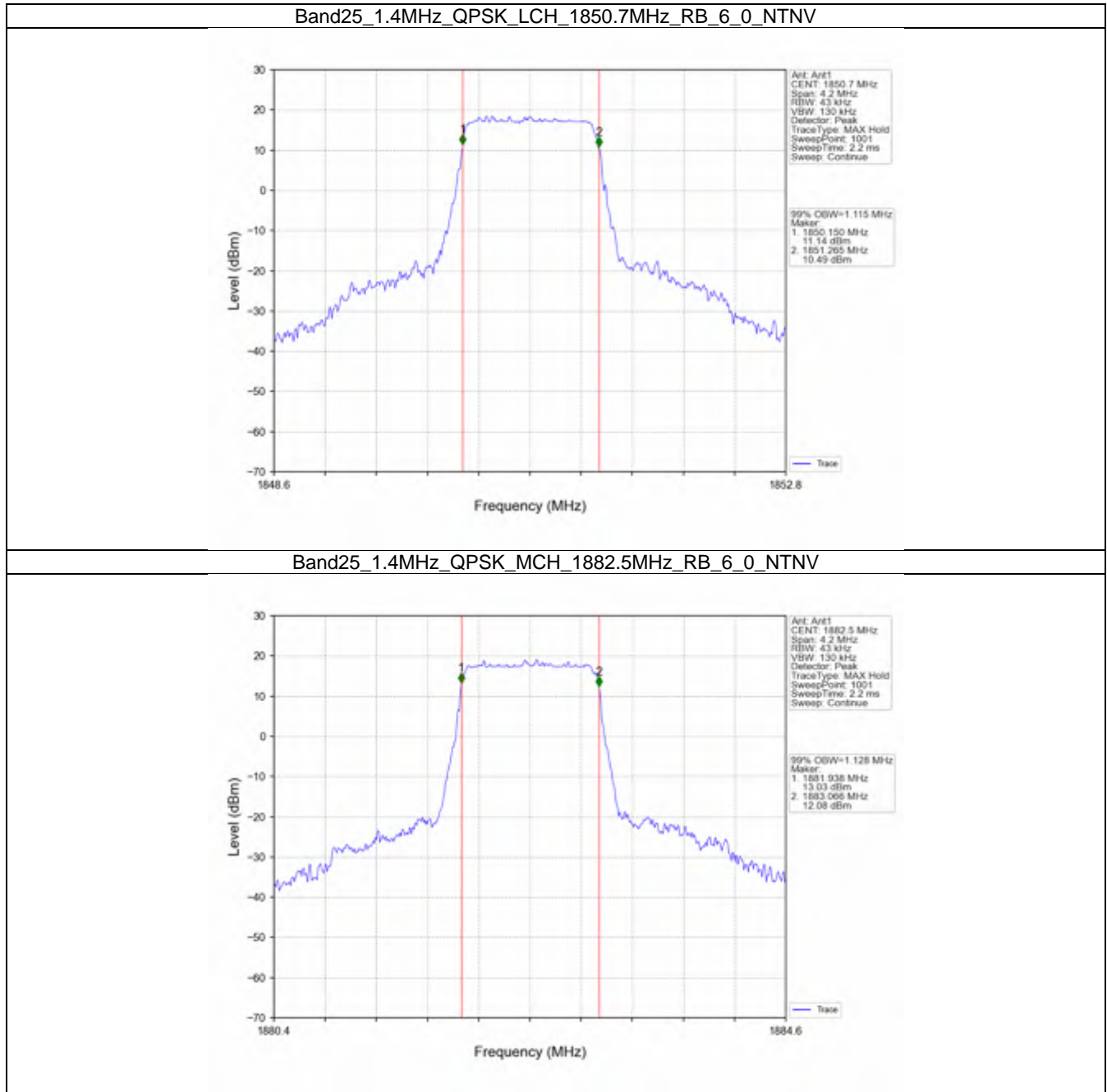
3.1 Band25_OBW

3.1.1 Test Result

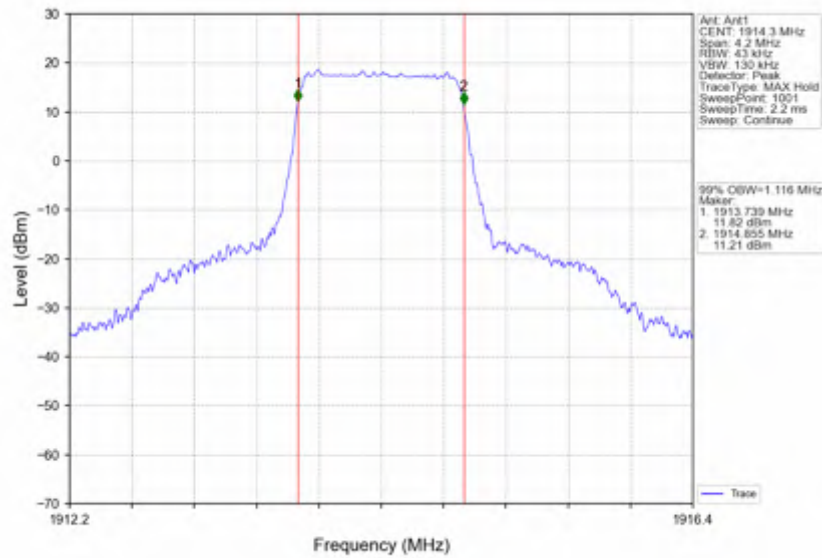
| Band: 25 / NTN | | | | | | | |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 1850.7 | 6 | 0 | 1.115 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.128 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.116 | / | Pass |
| | 16QAM | 1850.7 | 6 | 0 | 1.105 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.110 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.117 | / | Pass |
| | 64QAM | 1850.7 | 6 | 0 | 1.116 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.113 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.109 | / | Pass |
| 3 | QPSK | 1851.5 | 15 | 0 | 2.737 | / | Pass |
| | | 1882.5 | 15 | 0 | 2.731 | / | Pass |
| | | 1913.5 | 15 | 0 | 2.743 | / | Pass |
| | 16QAM | 1851.5 | 15 | 0 | 2.754 | / | Pass |
| | | 1882.5 | 15 | 0 | 2.730 | / | Pass |
| | | 1913.5 | 15 | 0 | 2.735 | / | Pass |
| | 64QAM | 1851.5 | 15 | 0 | 2.751 | / | Pass |
| | | 1882.5 | 15 | 0 | 2.721 | / | Pass |
| | | 1913.5 | 15 | 0 | 2.730 | / | Pass |
| 5 | QPSK | 1852.5 | 25 | 0 | 4.551 | / | Pass |
| | | 1882.5 | 25 | 0 | 4.539 | / | Pass |
| | | 1912.5 | 25 | 0 | 4.537 | / | Pass |
| | 16QAM | 1852.5 | 25 | 0 | 4.543 | / | Pass |
| | | 1882.5 | 25 | 0 | 4.553 | / | Pass |
| | | 1912.5 | 25 | 0 | 4.555 | / | Pass |
| | 64QAM | 1852.5 | 25 | 0 | 4.532 | / | Pass |
| | | 1882.5 | 25 | 0 | 4.560 | / | Pass |
| | | 1912.5 | 25 | 0 | 4.543 | / | Pass |
| 10 | QPSK | 1855 | 50 | 0 | 9.037 | / | Pass |
| | | 1882.5 | 50 | 0 | 9.015 | / | Pass |
| | | 1910 | 50 | 0 | 8.995 | / | Pass |
| | 16QAM | 1855 | 50 | 0 | 9.058 | / | Pass |
| | | 1882.5 | 50 | 0 | 9.028 | / | Pass |
| | | 1910 | 50 | 0 | 9.023 | / | Pass |
| | 64QAM | 1855 | 50 | 0 | 9.037 | / | Pass |
| | | 1882.5 | 50 | 0 | 9.019 | / | Pass |
| | | 1910 | 50 | 0 | 9.008 | / | Pass |

| | | | | | | | |
|----|-------|--------|-----|---|--------|---|------|
| 15 | QPSK | 1857.5 | 75 | 0 | 13.538 | / | Pass |
| | | 1882.5 | 75 | 0 | 13.497 | / | Pass |
| | | 1907.5 | 75 | 0 | 13.543 | / | Pass |
| | 16QAM | 1857.5 | 75 | 0 | 13.533 | / | Pass |
| | | 1882.5 | 75 | 0 | 13.537 | / | Pass |
| | | 1907.5 | 75 | 0 | 13.537 | / | Pass |
| | 64QAM | 1857.5 | 75 | 0 | 13.530 | / | Pass |
| | | 1882.5 | 75 | 0 | 13.546 | / | Pass |
| | | 1907.5 | 75 | 0 | 13.516 | / | Pass |
| 20 | QPSK | 1860 | 100 | 0 | 18.072 | / | Pass |
| | | 1882.5 | 100 | 0 | 18.004 | / | Pass |
| | | 1905 | 100 | 0 | 18.045 | / | Pass |
| | 16QAM | 1860 | 100 | 0 | 18.041 | / | Pass |
| | | 1882.5 | 100 | 0 | 18.005 | / | Pass |
| | | 1905 | 100 | 0 | 18.072 | / | Pass |
| | 64QAM | 1860 | 100 | 0 | 17.966 | / | Pass |
| | | 1882.5 | 100 | 0 | 18.045 | / | Pass |
| | | 1905 | 100 | 0 | 18.035 | / | Pass |

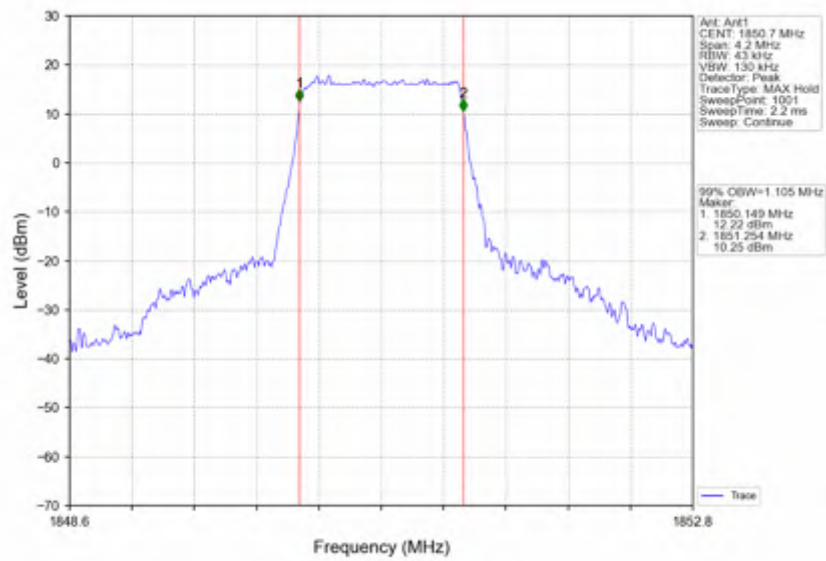
3.1.2 Test Graph



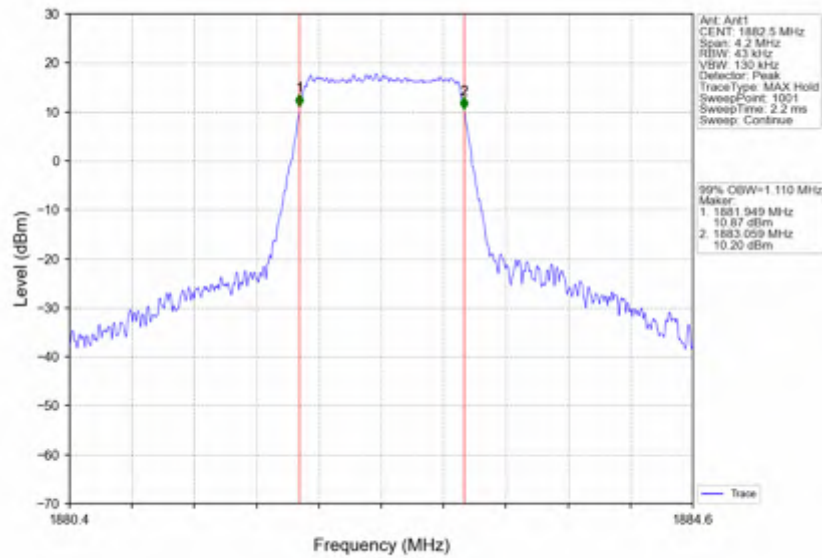
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



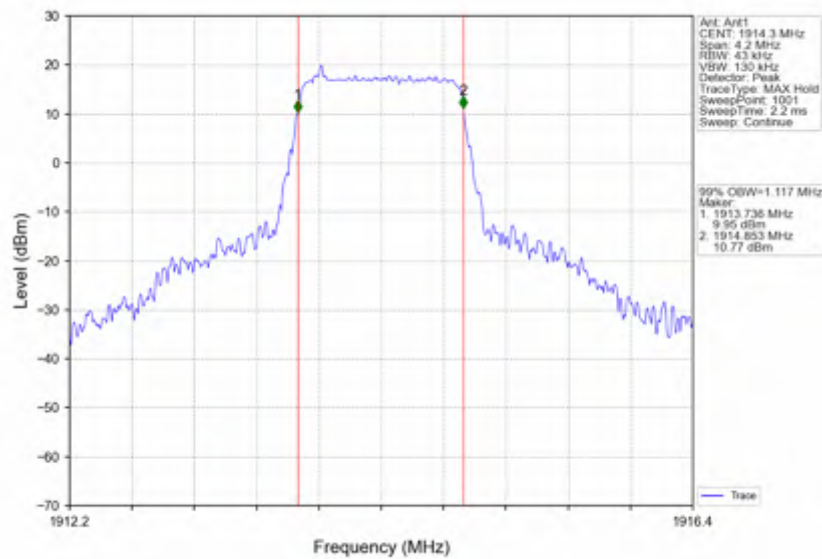
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



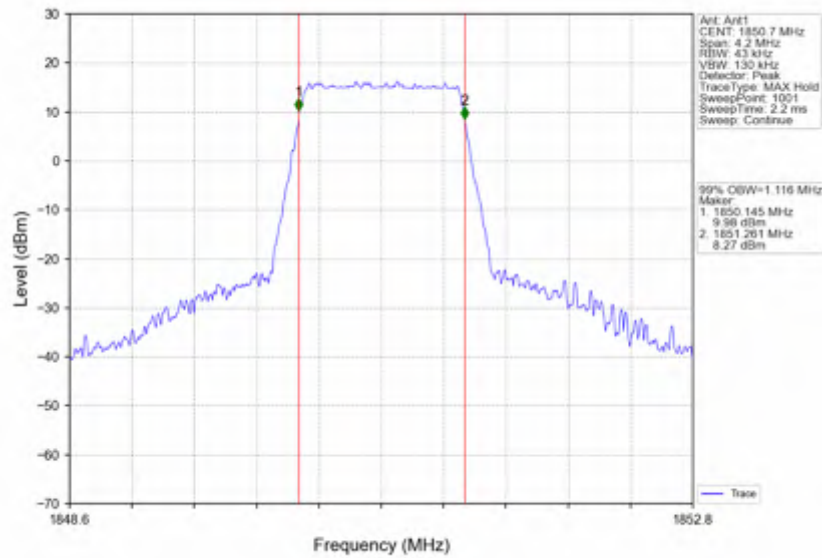
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



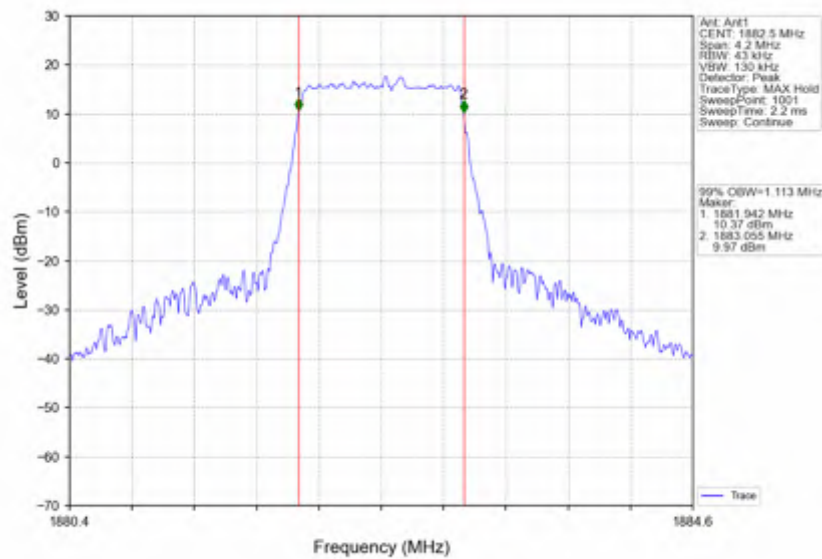
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



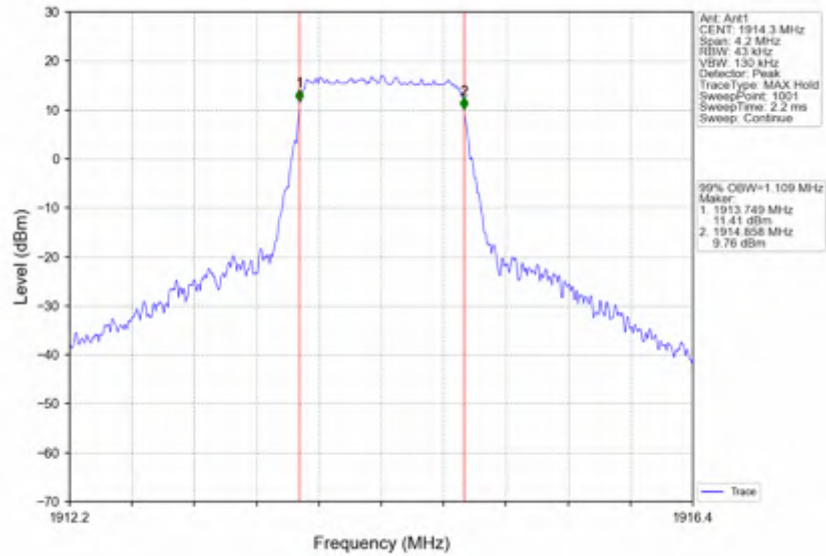
Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



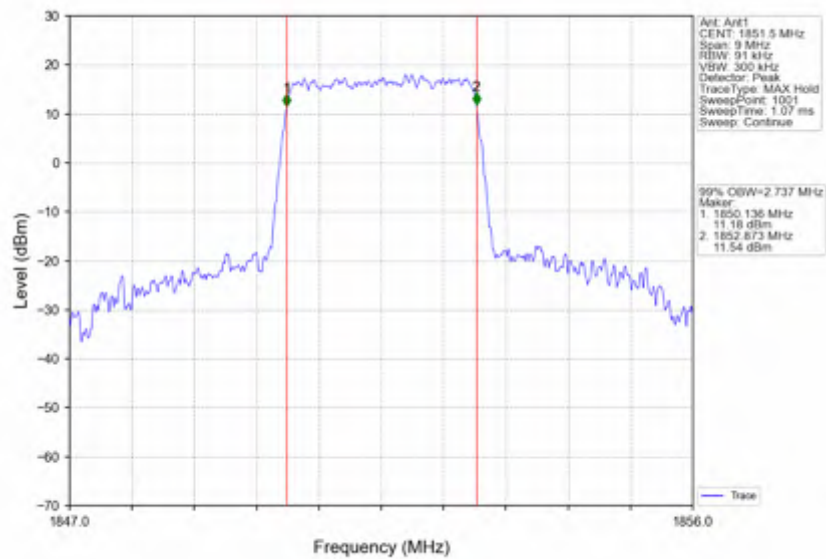
Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



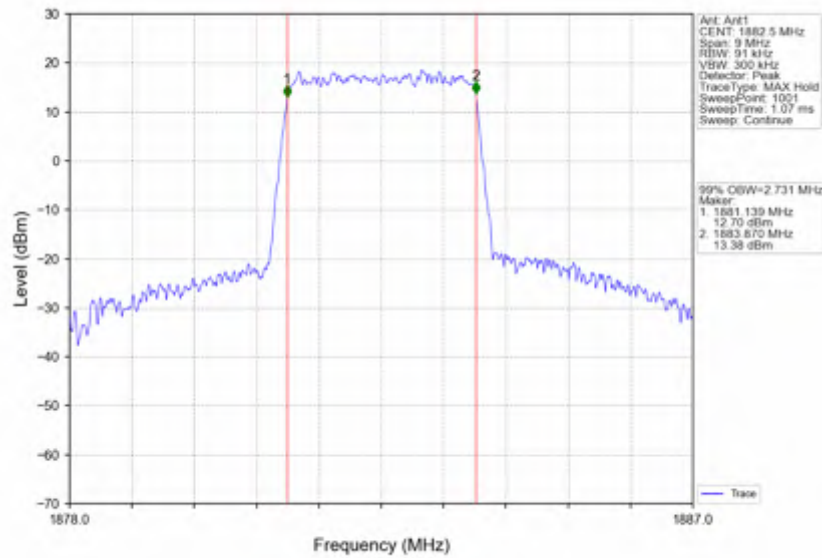
Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



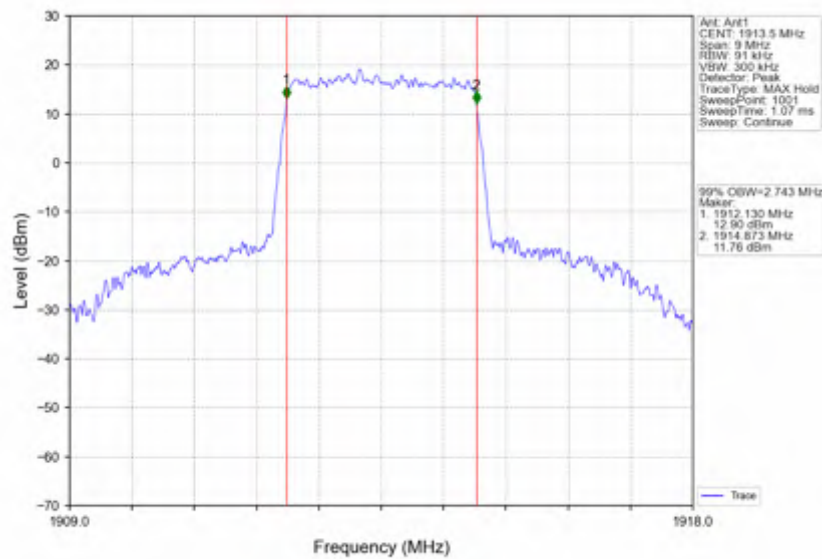
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



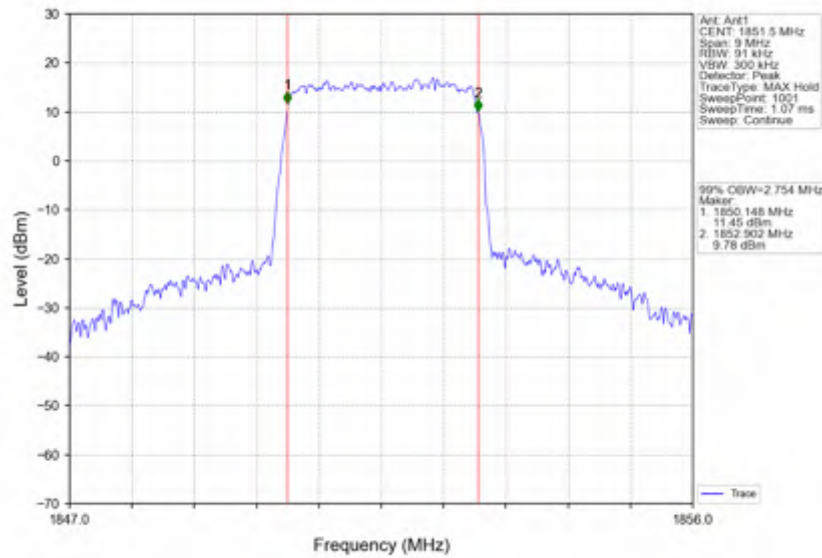
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



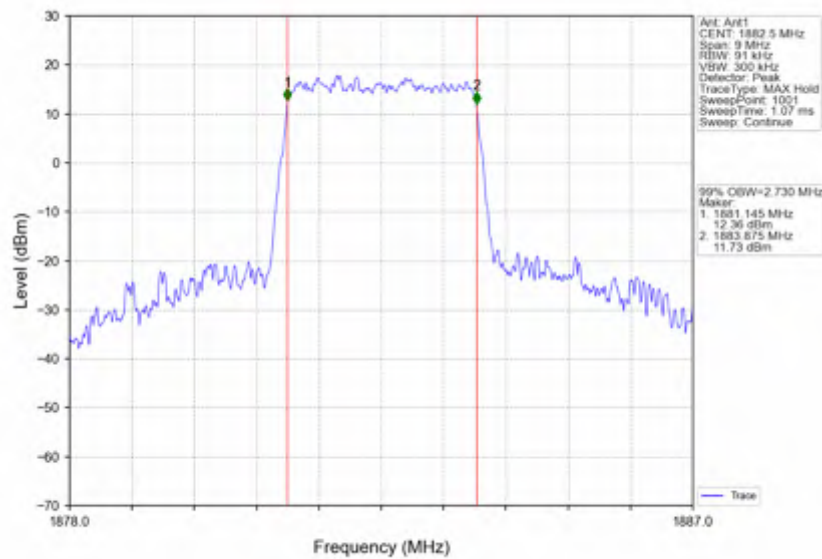
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



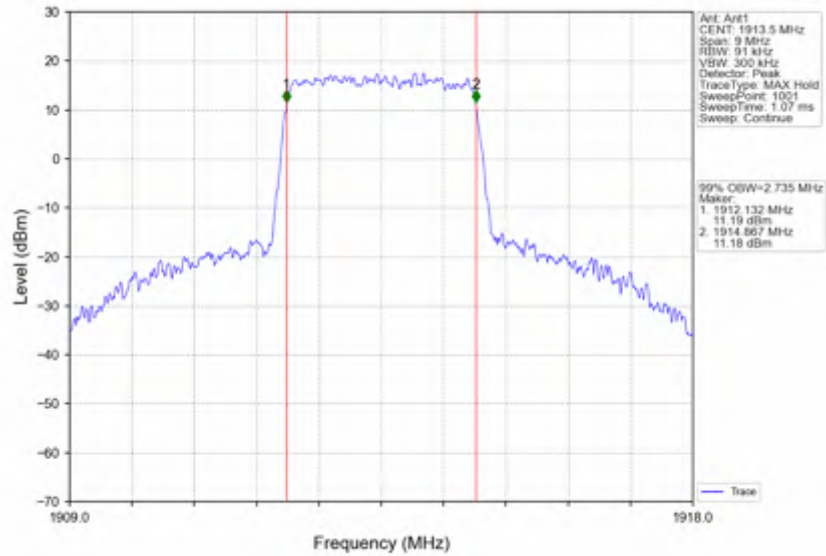
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



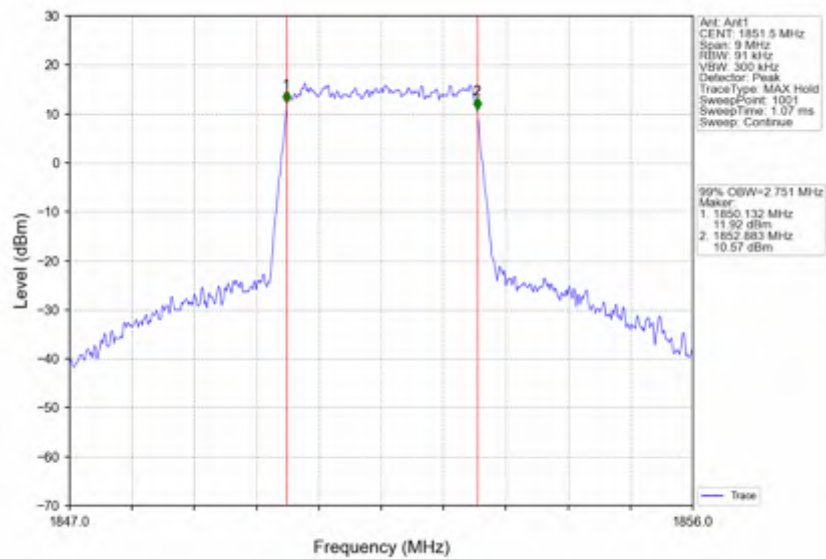
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



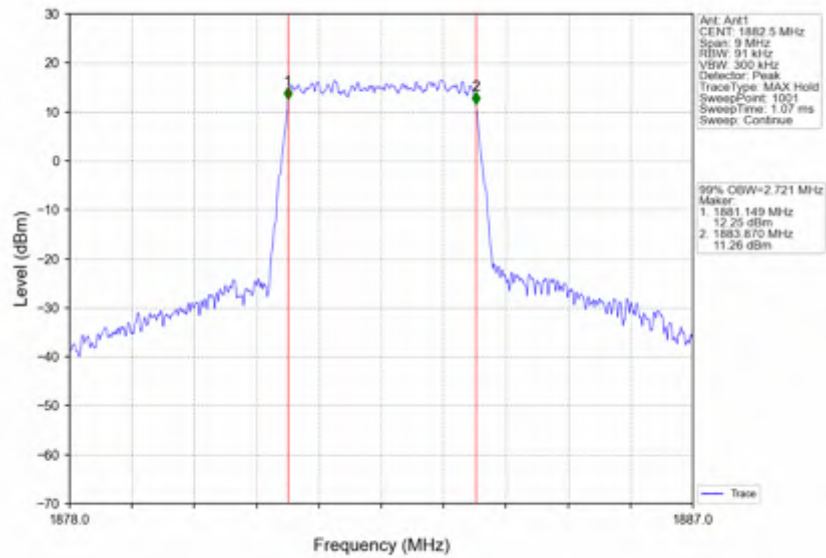
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



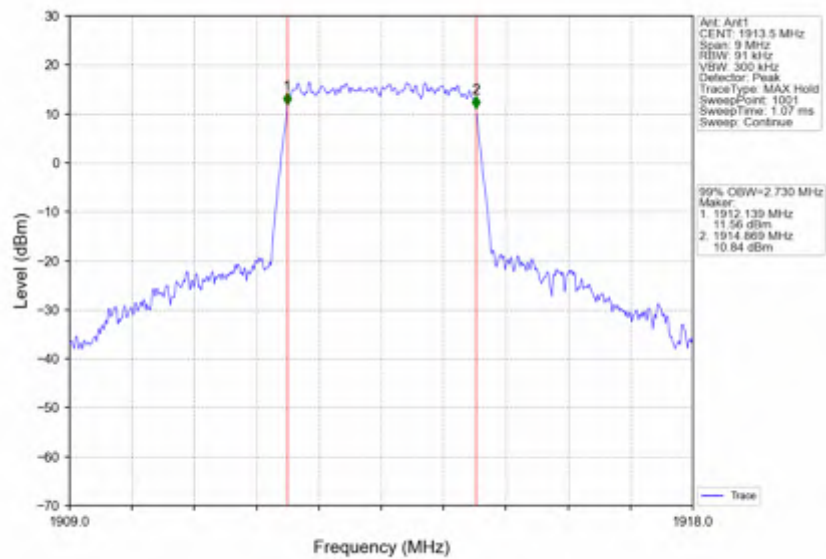
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



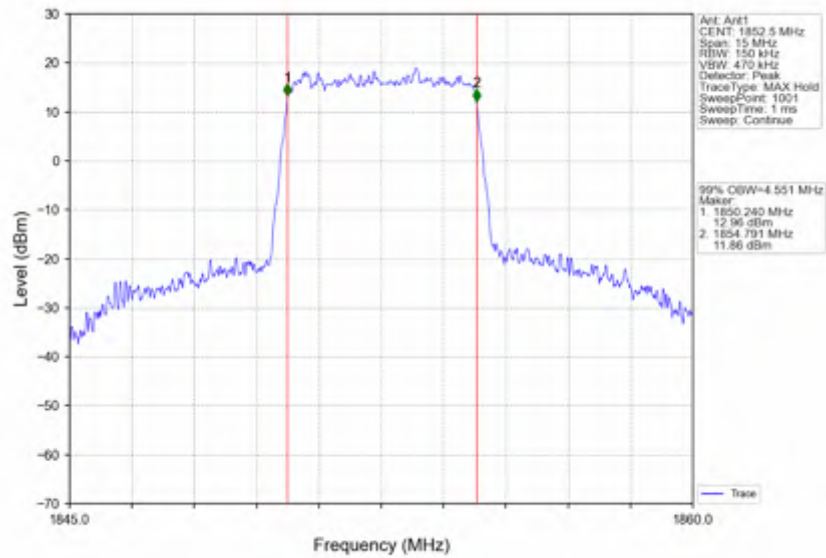
Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



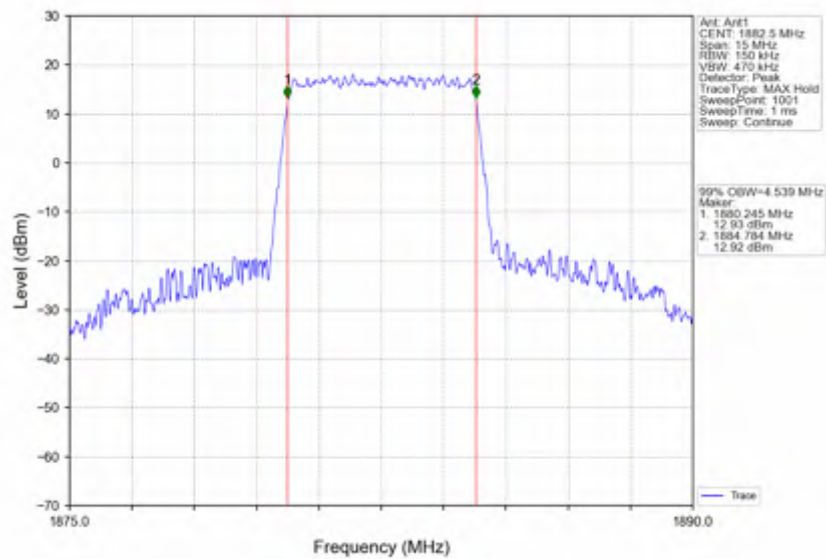
Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



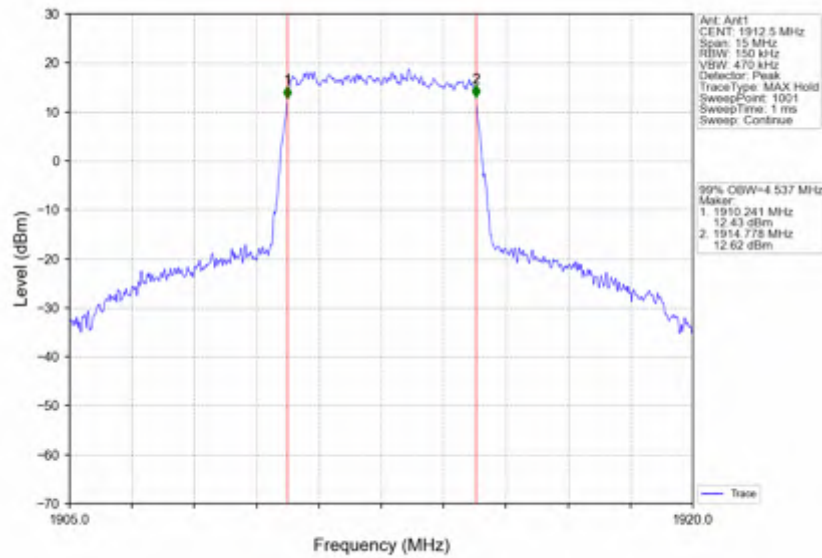
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



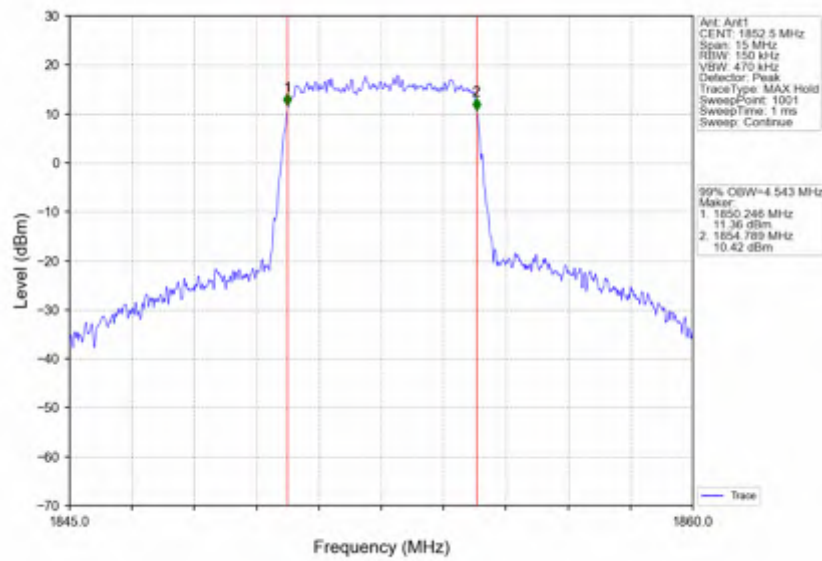
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



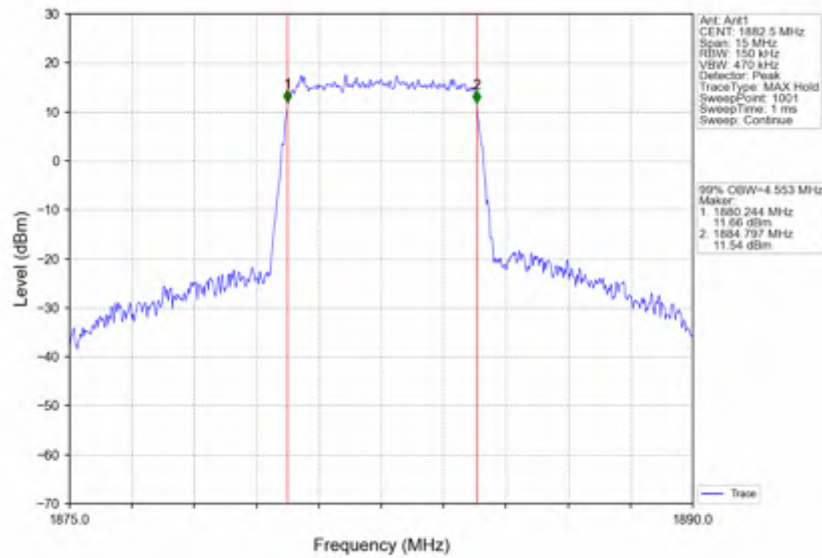
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



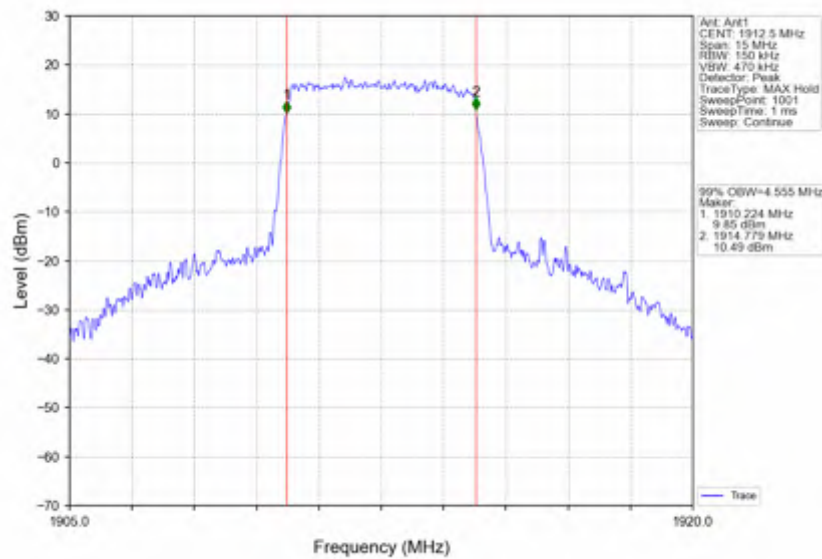
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



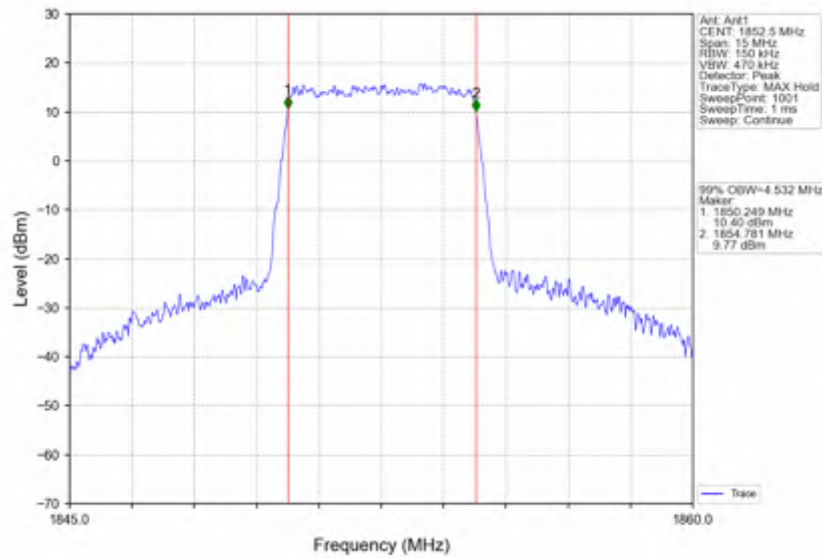
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



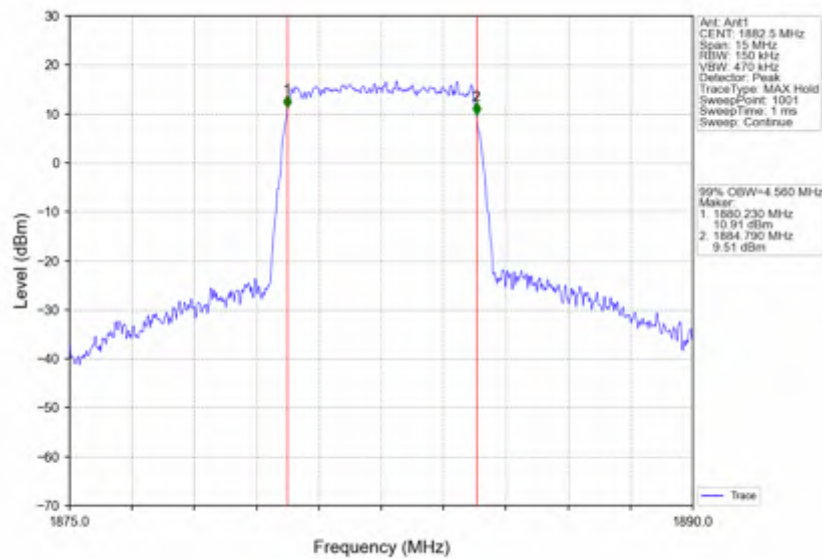
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



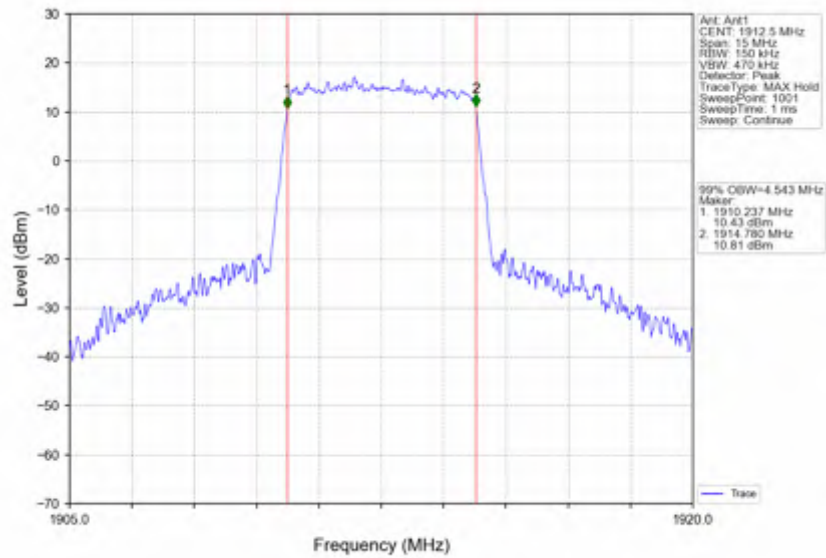
Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



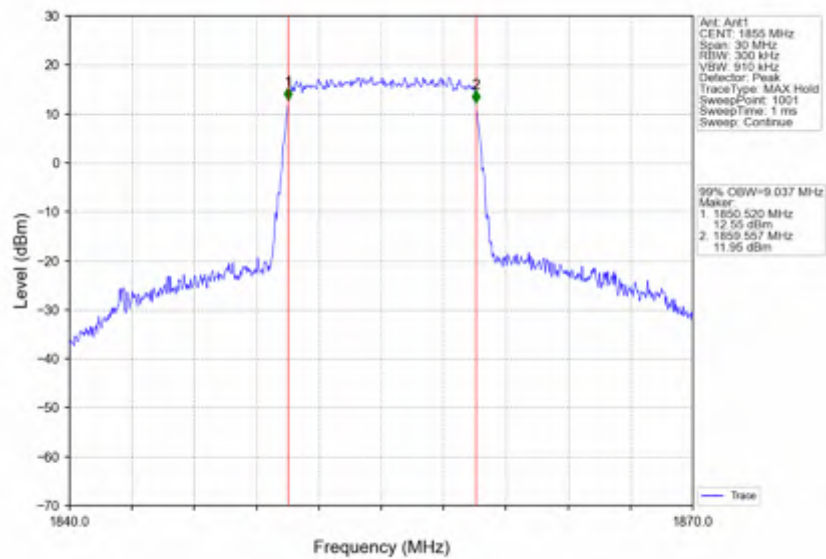
Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



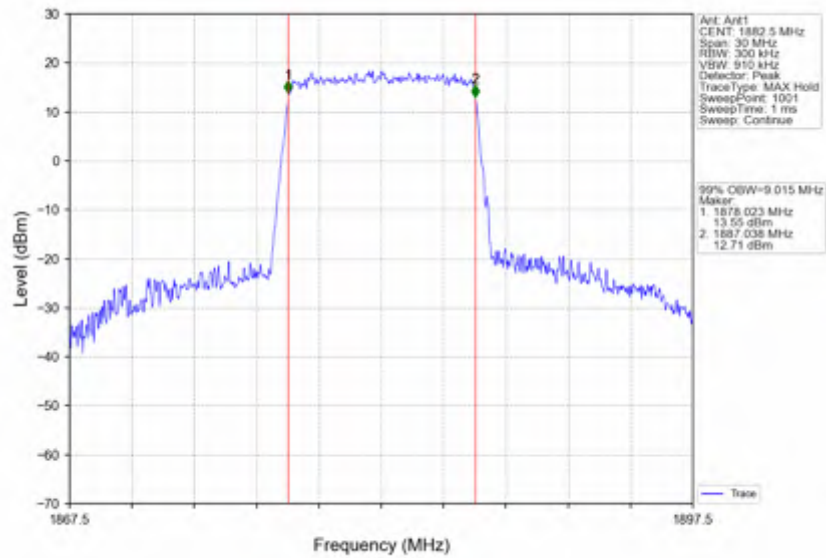
Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV



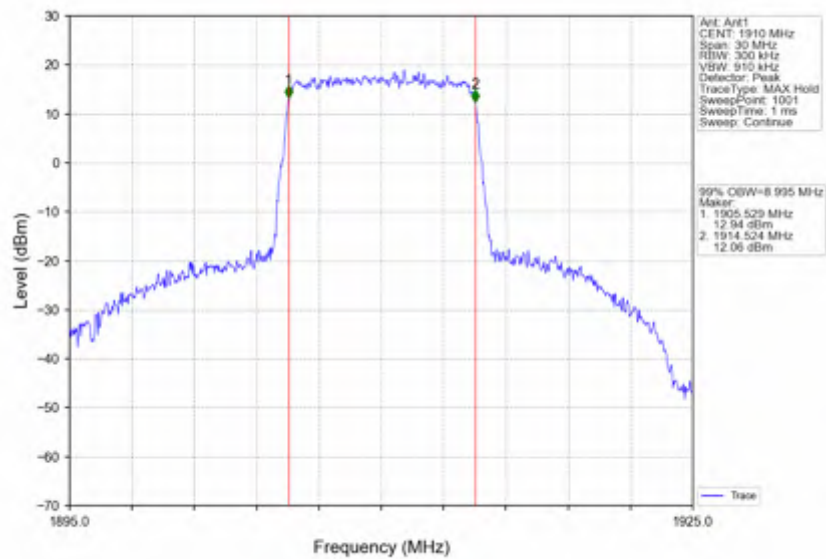
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



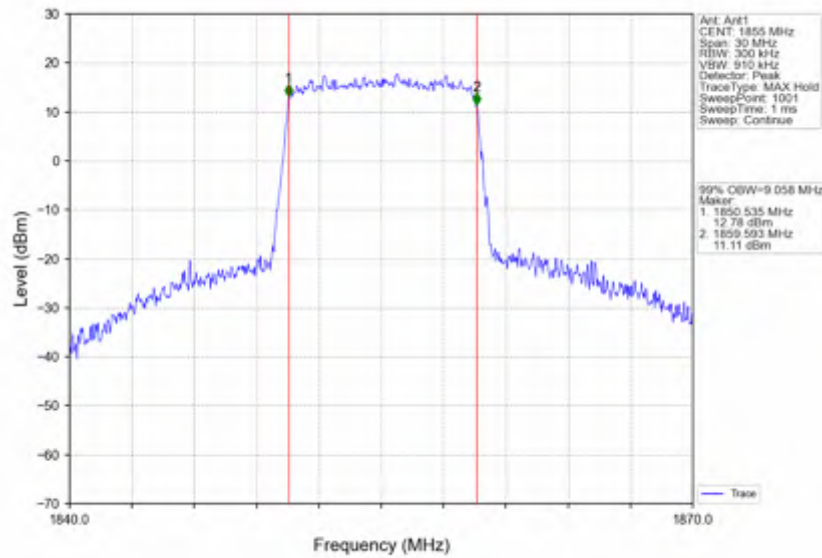
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



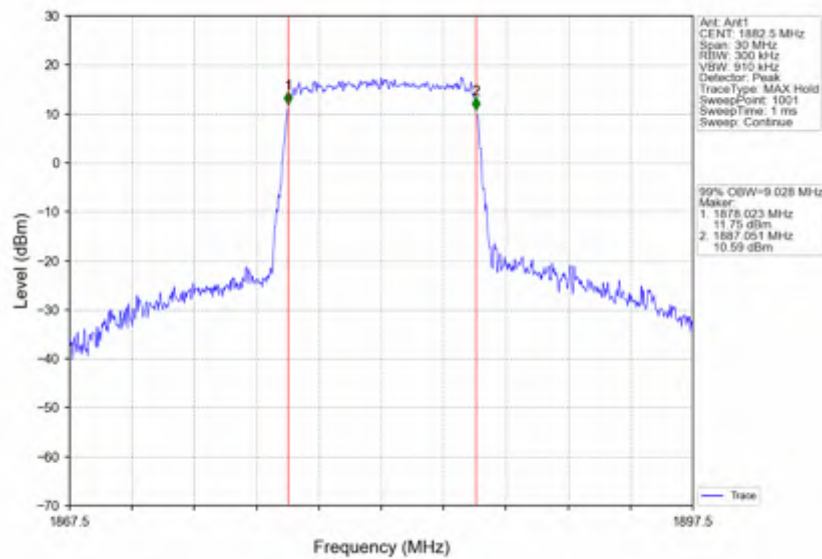
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



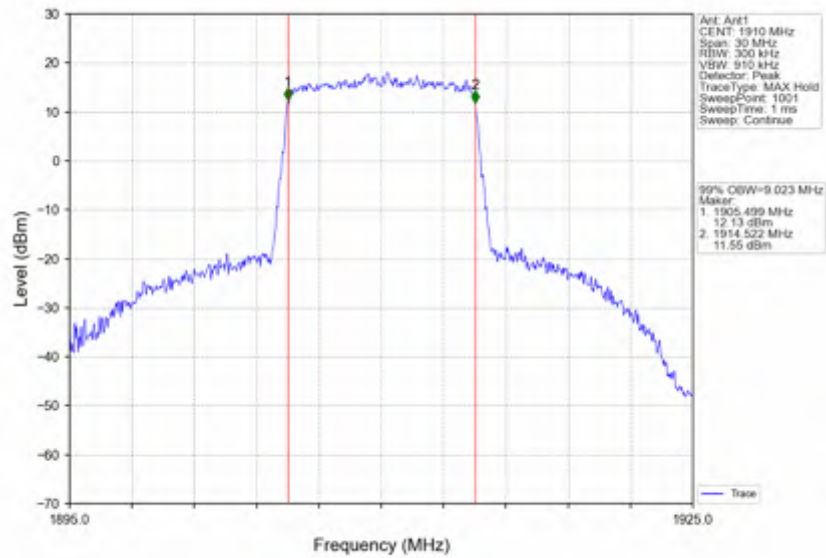
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



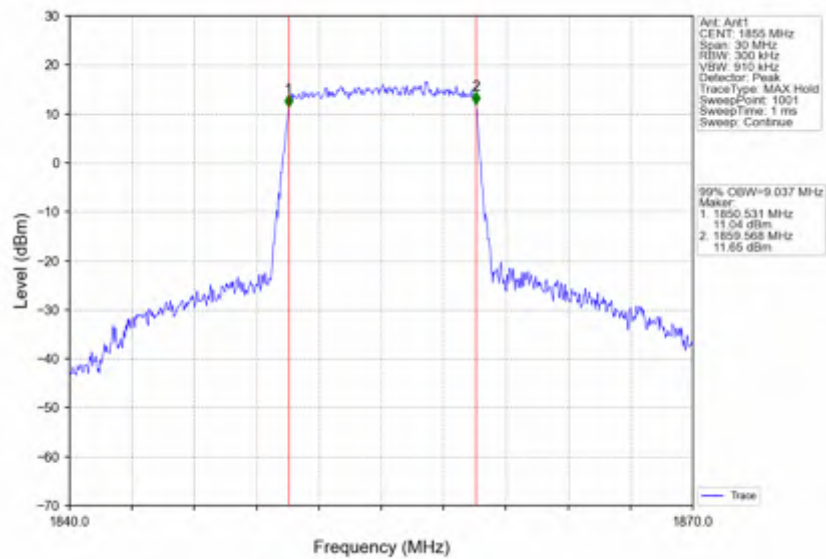
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



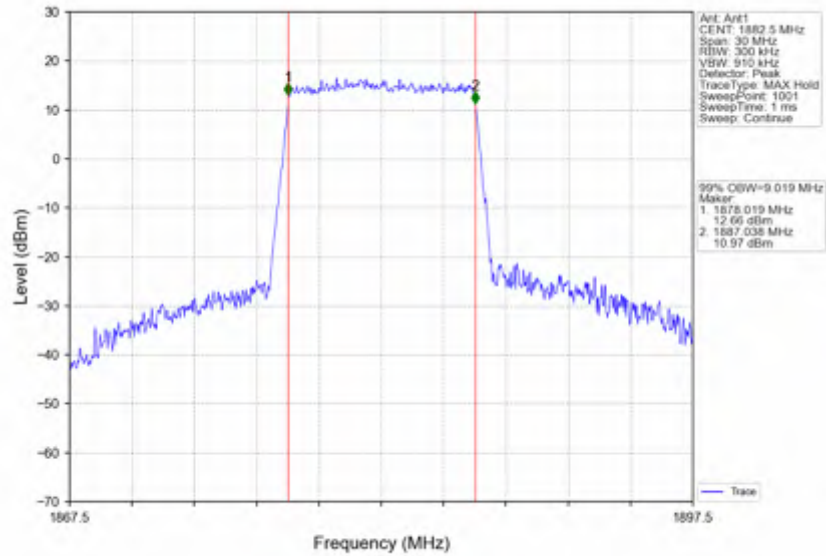
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



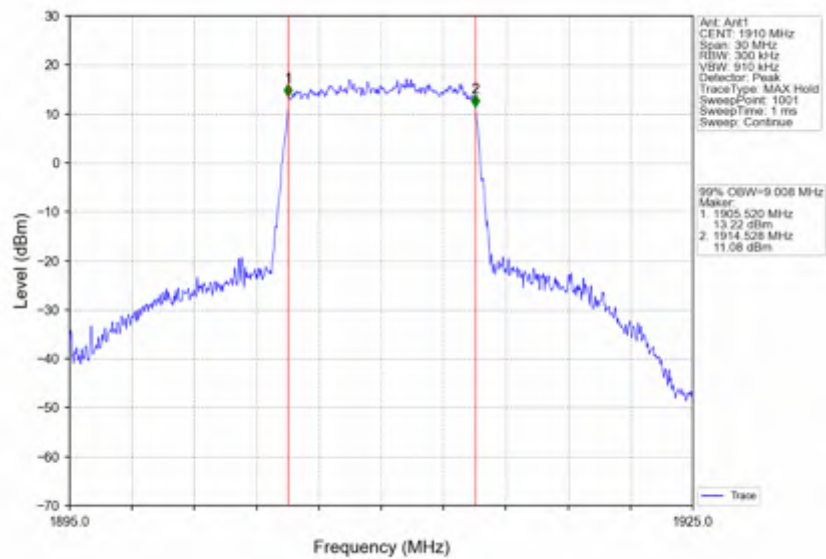
Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



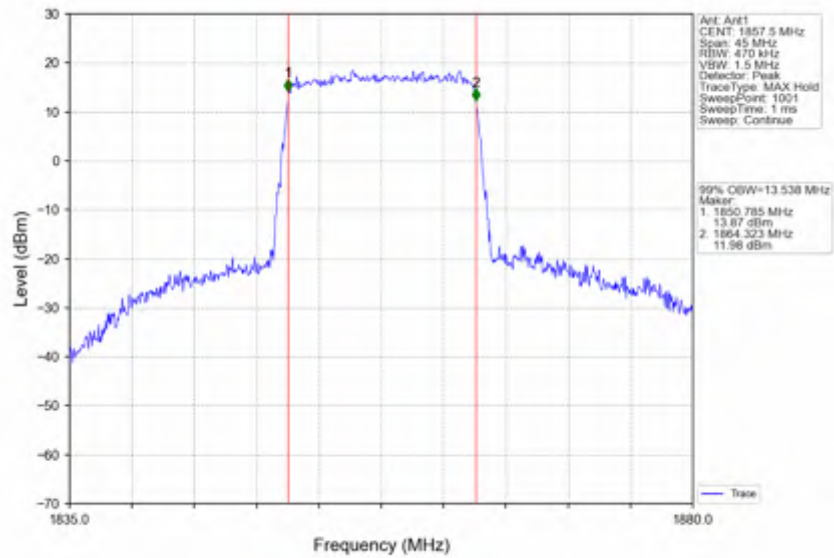
Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



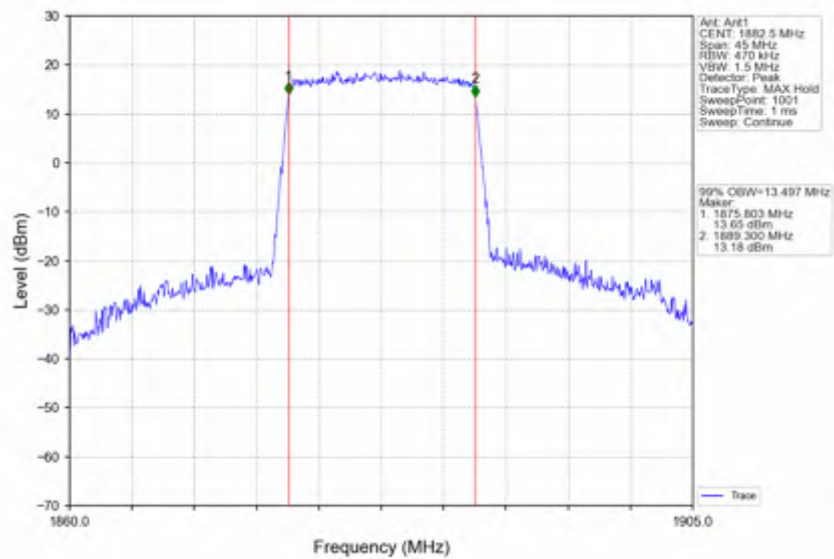
Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



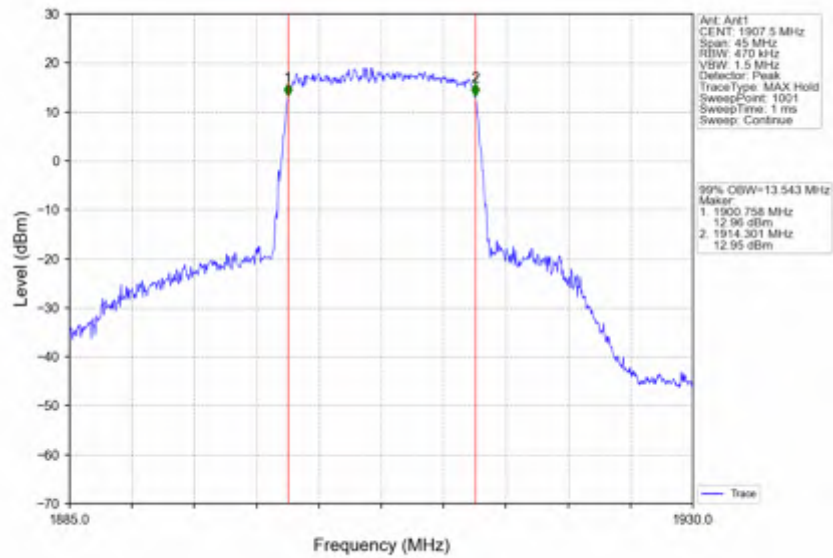
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



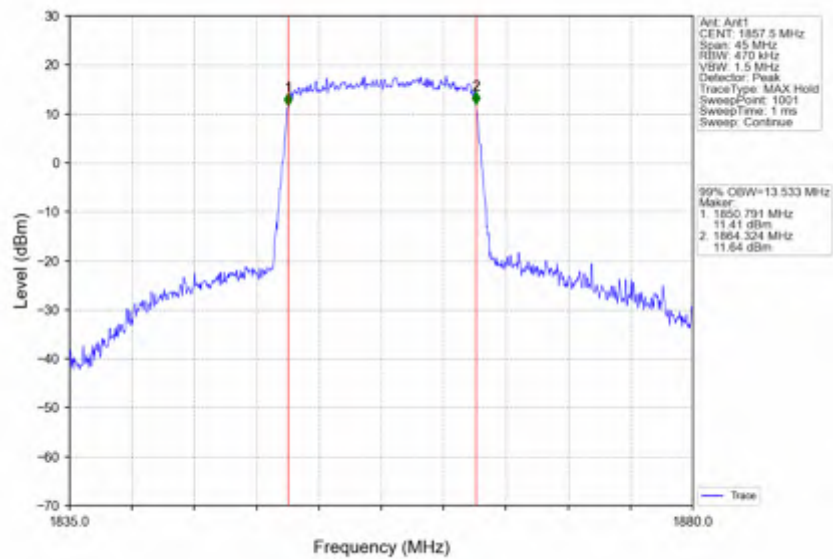
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



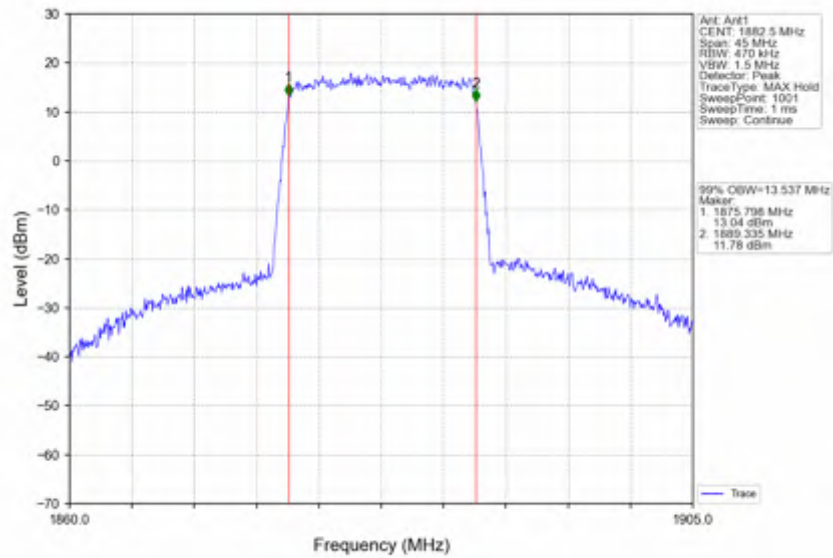
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



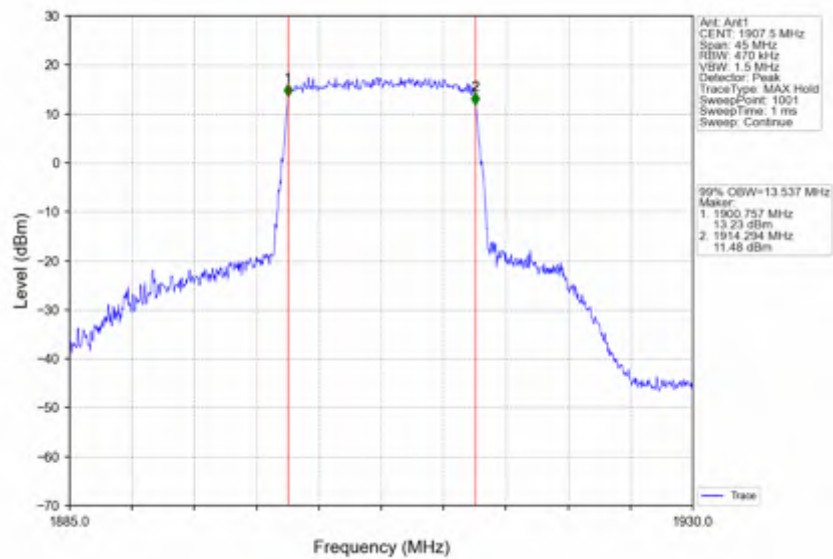
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



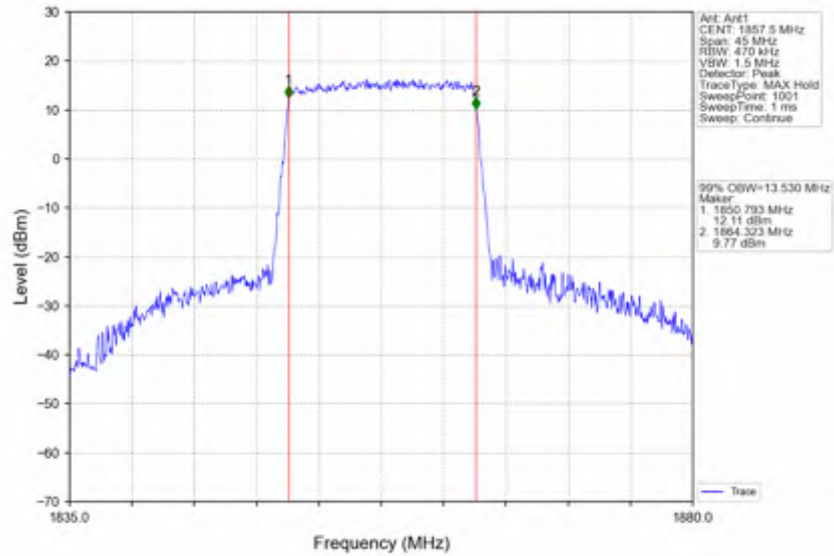
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



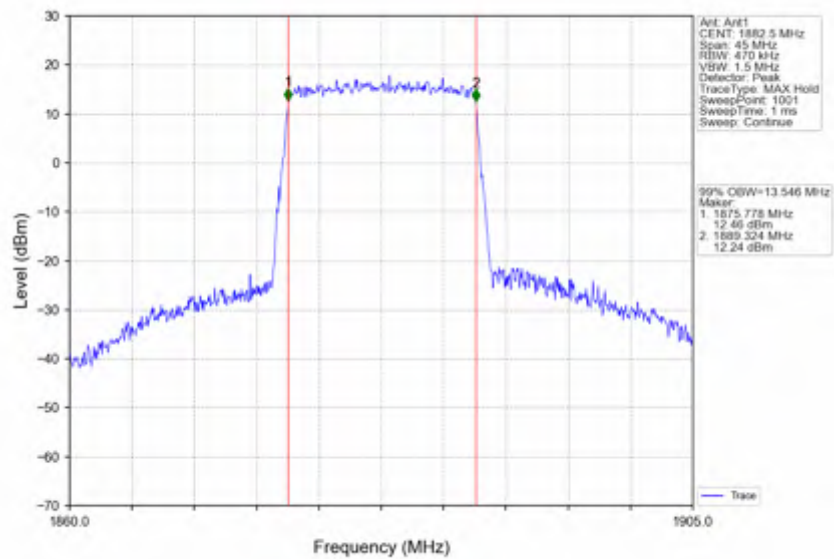
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



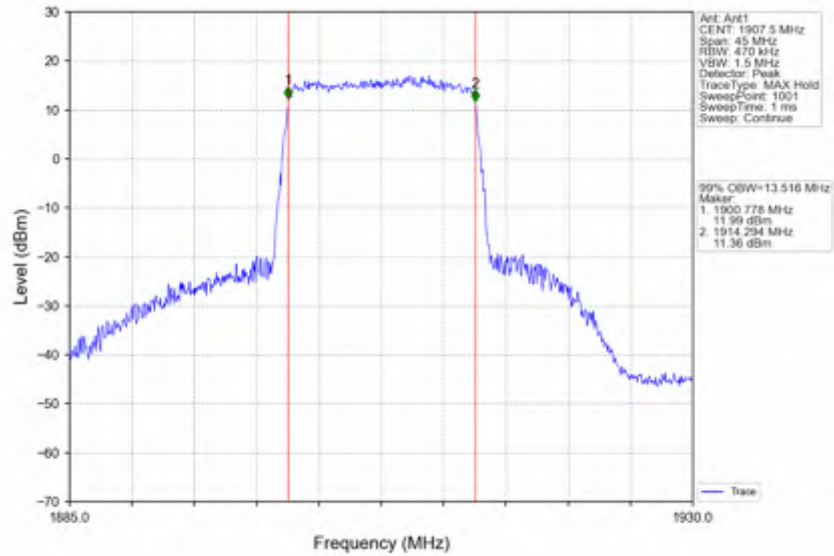
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



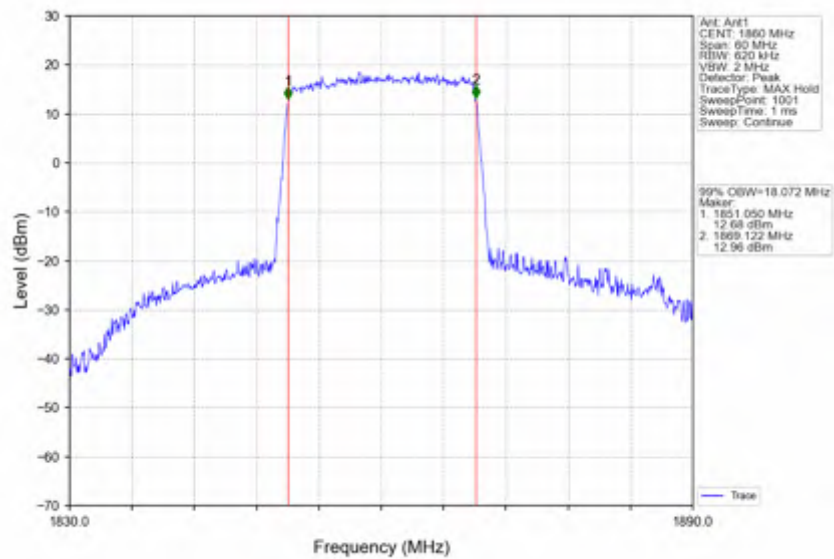
Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



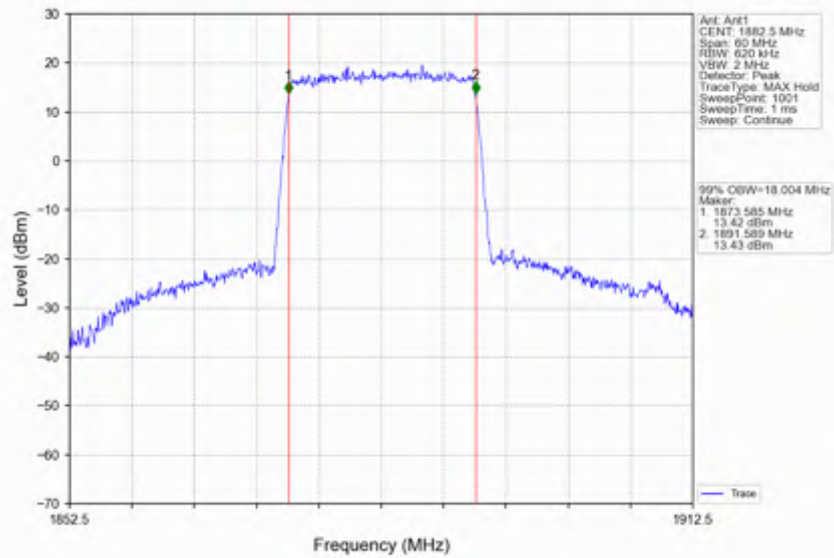
Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



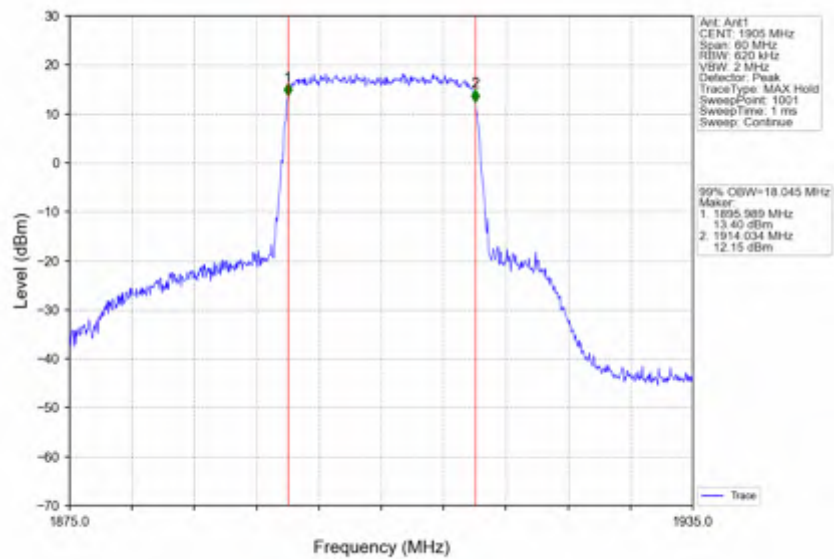
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



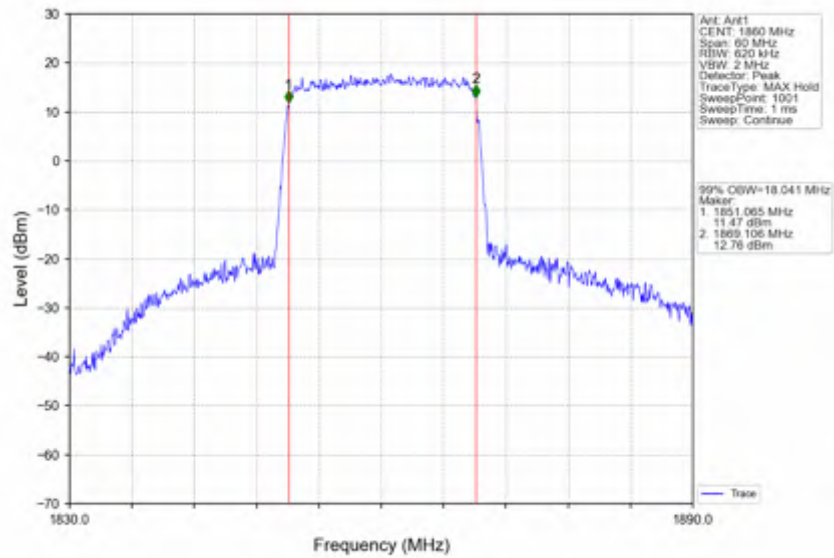
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



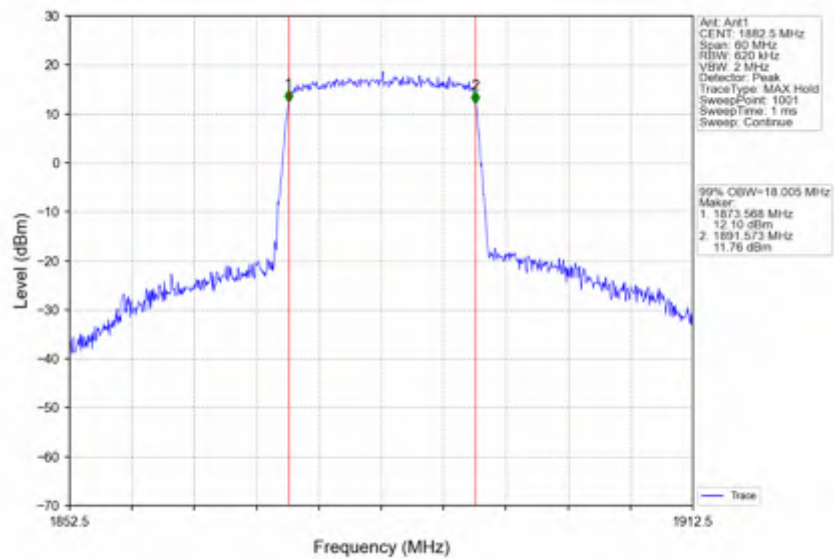
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



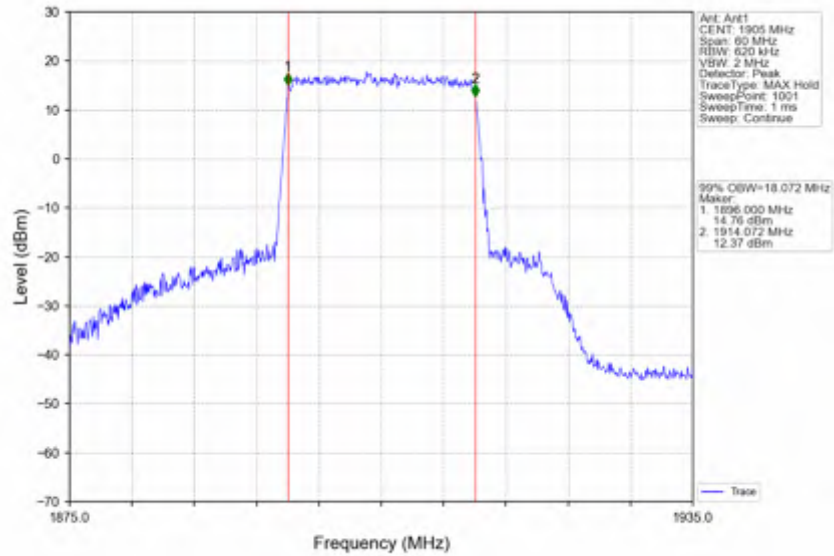
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



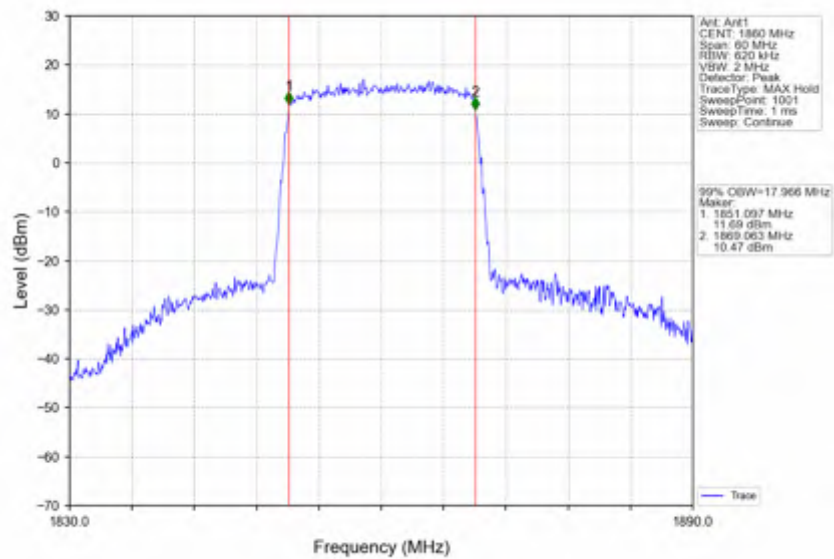
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



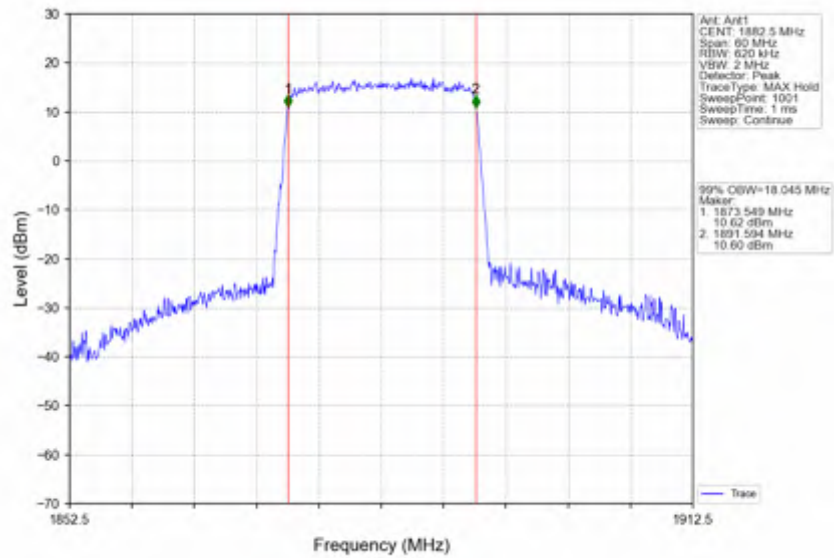
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



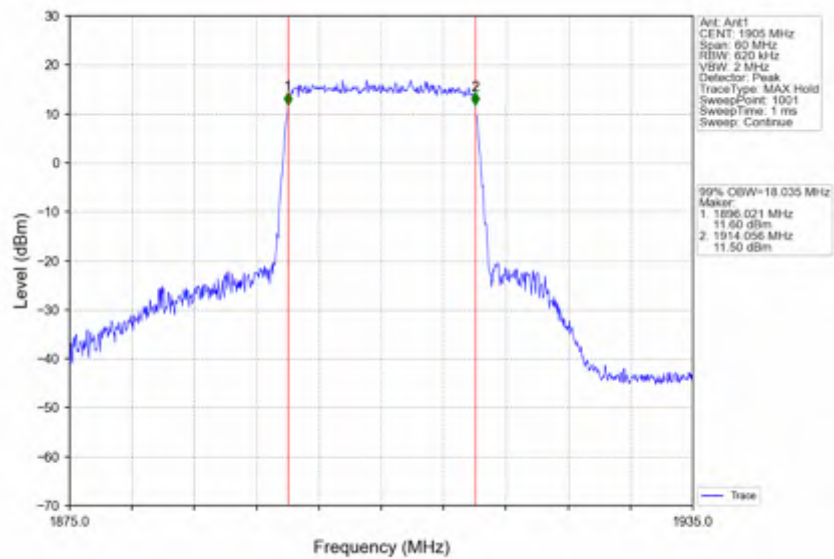
Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



4. Band25_XDB

4.1.1 Test Result

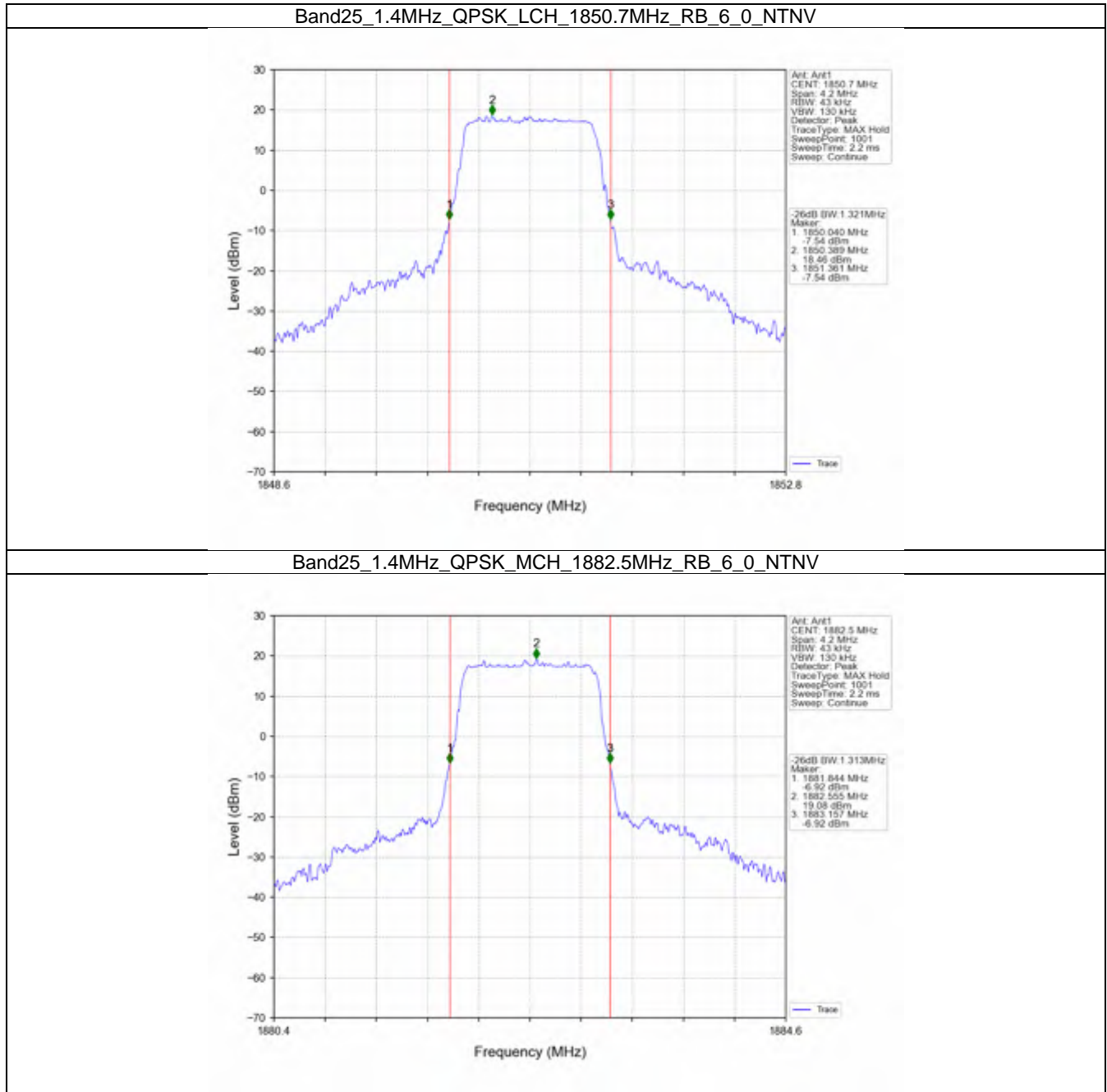
| Band: 25 / NTV | | | | | | | |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 1850.7 | 6 | 0 | 1.321 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.313 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.313 | / | Pass |
| | 16QAM | 1850.7 | 6 | 0 | 1.311 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.328 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.330 | / | Pass |
| | 64QAM | 1850.7 | 6 | 0 | 1.339 | / | Pass |
| | | 1882.5 | 6 | 0 | 1.311 | / | Pass |
| | | 1914.3 | 6 | 0 | 1.330 | / | Pass |
| 3 | QPSK | 1851.5 | 15 | 0 | 3.056 | / | Pass |
| | | 1882.5 | 15 | 0 | 3.045 | / | Pass |
| | | 1913.5 | 15 | 0 | 3.048 | / | Pass |
| | 16QAM | 1851.5 | 15 | 0 | 3.029 | / | Pass |
| | | 1882.5 | 15 | 0 | 3.035 | / | Pass |
| | | 1913.5 | 15 | 0 | 3.065 | / | Pass |
| | 64QAM | 1851.5 | 15 | 0 | 3.050 | / | Pass |
| | | 1882.5 | 15 | 0 | 3.043 | / | Pass |
| | | 1913.5 | 15 | 0 | 3.059 | / | Pass |
| 5 | QPSK | 1852.5 | 25 | 0 | 5.056 | / | Pass |
| | | 1882.5 | 25 | 0 | 5.088 | / | Pass |
| | | 1912.5 | 25 | 0 | 5.049 | / | Pass |
| | 16QAM | 1852.5 | 25 | 0 | 5.018 | / | Pass |
| | | 1882.5 | 25 | 0 | 5.085 | / | Pass |
| | | 1912.5 | 25 | 0 | 5.067 | / | Pass |
| | 64QAM | 1852.5 | 25 | 0 | 5.103 | / | Pass |
| | | 1882.5 | 25 | 0 | 5.072 | / | Pass |
| | | 1912.5 | 25 | 0 | 5.069 | / | Pass |
| 10 | QPSK | 1855 | 50 | 0 | 10.026 | / | Pass |
| | | 1882.5 | 50 | 0 | 10.104 | / | Pass |
| | | 1910 | 50 | 0 | 9.971 | / | Pass |
| | 16QAM | 1855 | 50 | 0 | 10.066 | / | Pass |
| | | 1882.5 | 50 | 0 | 10.020 | / | Pass |
| | | 1910 | 50 | 0 | 9.972 | / | Pass |
| | 64QAM | 1855 | 50 | 0 | 9.923 | / | Pass |
| | | 1882.5 | 50 | 0 | 10.047 | / | Pass |
| | | 1910 | 50 | 0 | 9.965 | / | Pass |
| 15 | QPSK | 1857.5 | 75 | 0 | 15.135 | / | Pass |
| | | 1882.5 | 75 | 0 | 14.919 | / | Pass |
| | | 1907.5 | 75 | 0 | 14.918 | / | Pass |
| | 16QAM | 1857.5 | 75 | 0 | 14.912 | / | Pass |
| | | 1882.5 | 75 | 0 | 14.959 | / | Pass |
| | | 1907.5 | 75 | 0 | 14.986 | / | Pass |
| | 64QAM | 1857.5 | 75 | 0 | 14.915 | / | Pass |
| | | 1882.5 | 75 | 0 | 14.920 | / | Pass |
| | | 1907.5 | 75 | 0 | 15.012 | / | Pass |
| 20 | QPSK | 1860 | 100 | 0 | 19.749 | / | Pass |
| | | 1882.5 | 100 | 0 | 19.655 | / | Pass |



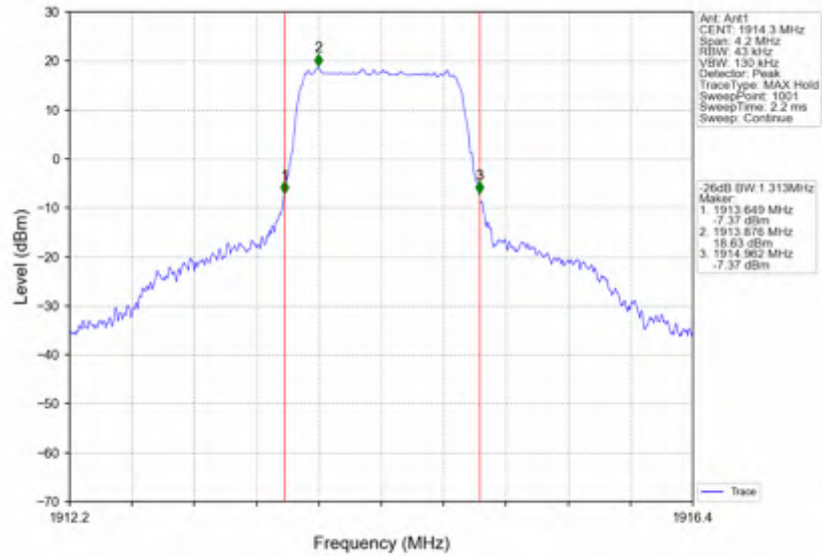
| | | | | | | | |
|--|-------|--------|-----|---|--------|---|------|
| | | 1905 | 100 | 0 | 19.830 | / | Pass |
| | 16QAM | 1860 | 100 | 0 | 19.680 | / | Pass |
| | | 1882.5 | 100 | 0 | 19.775 | / | Pass |
| | | 1905 | 100 | 0 | 19.720 | / | Pass |
| | | 1860 | 100 | 0 | 19.803 | / | Pass |
| | 64QAM | 1882.5 | 100 | 0 | 19.804 | / | Pass |
| | | 1905 | 100 | 0 | 19.717 | / | Pass |



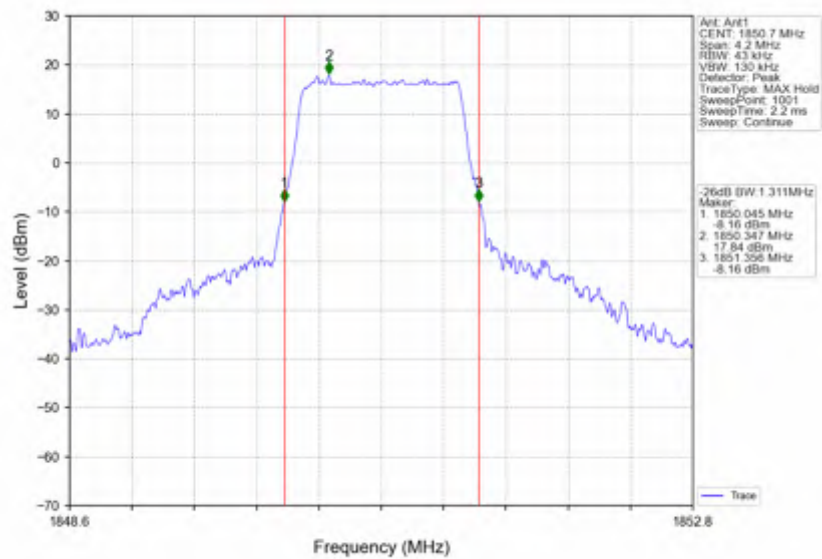
4.1.2 Test Graph



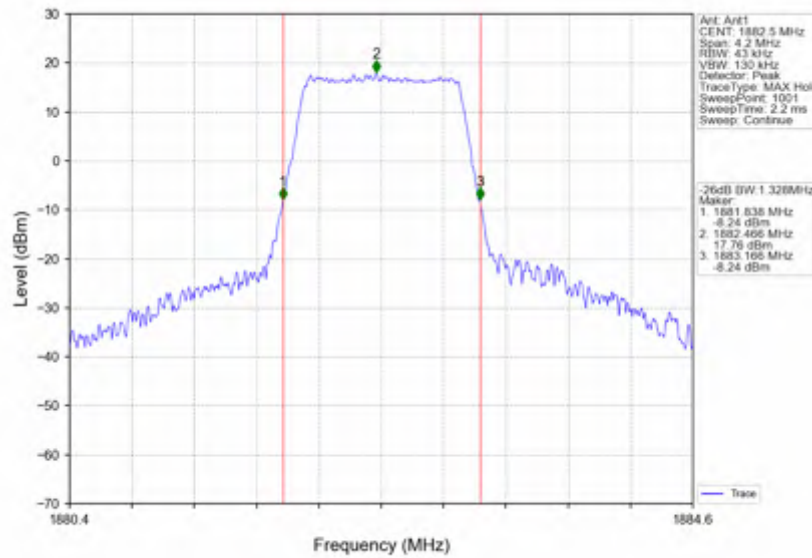
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



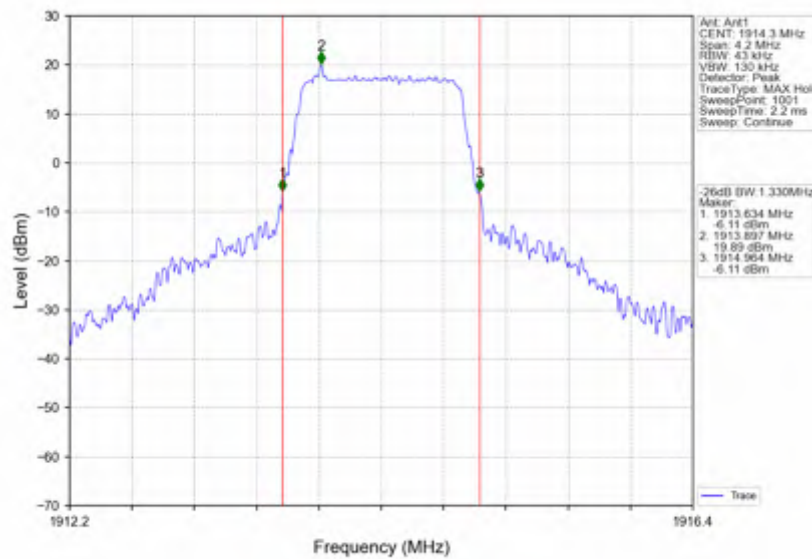
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



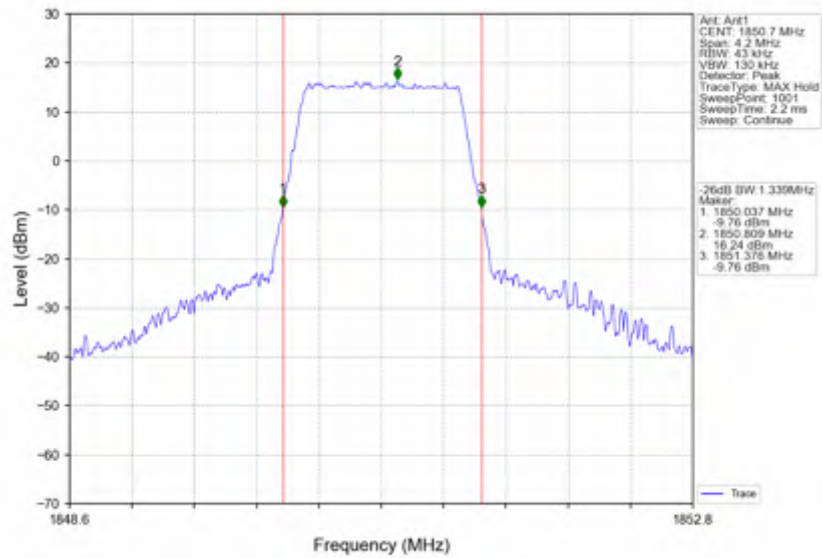
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



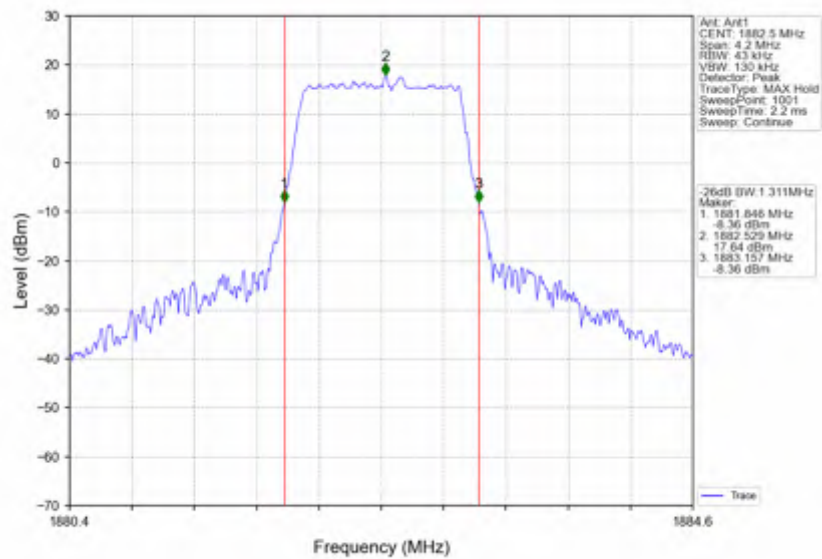
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



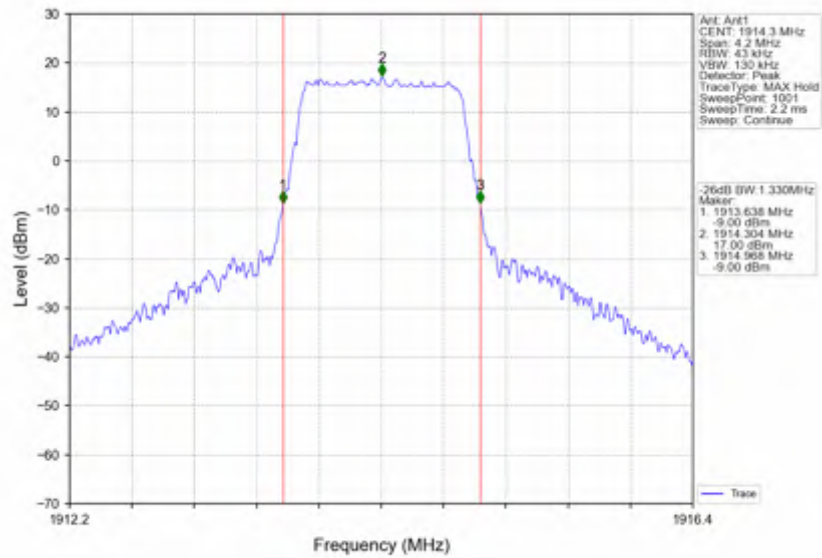
Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



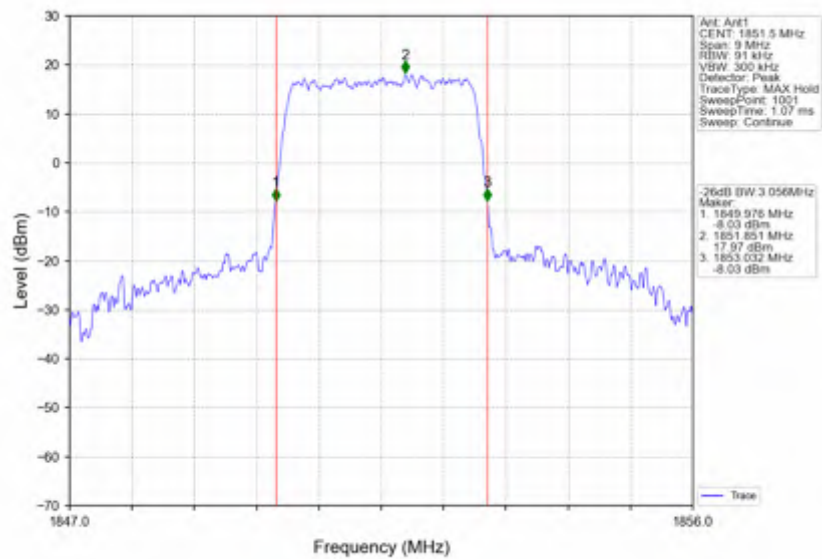
Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



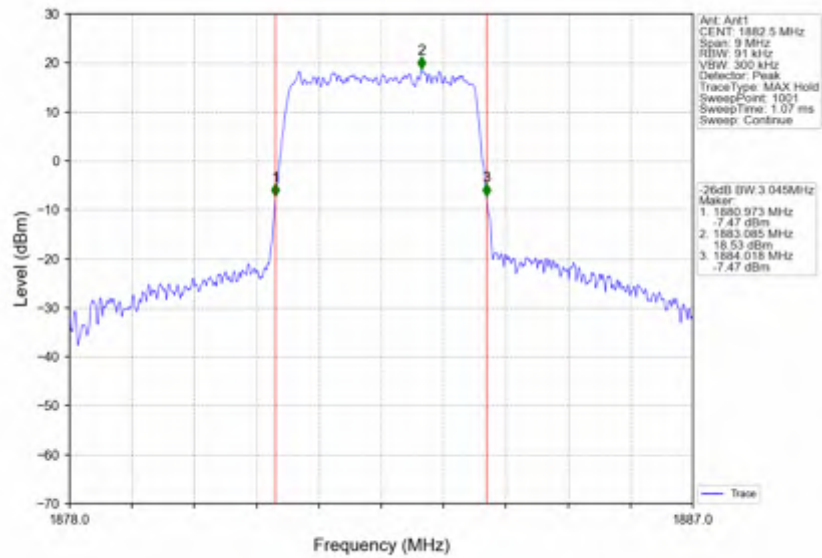
Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



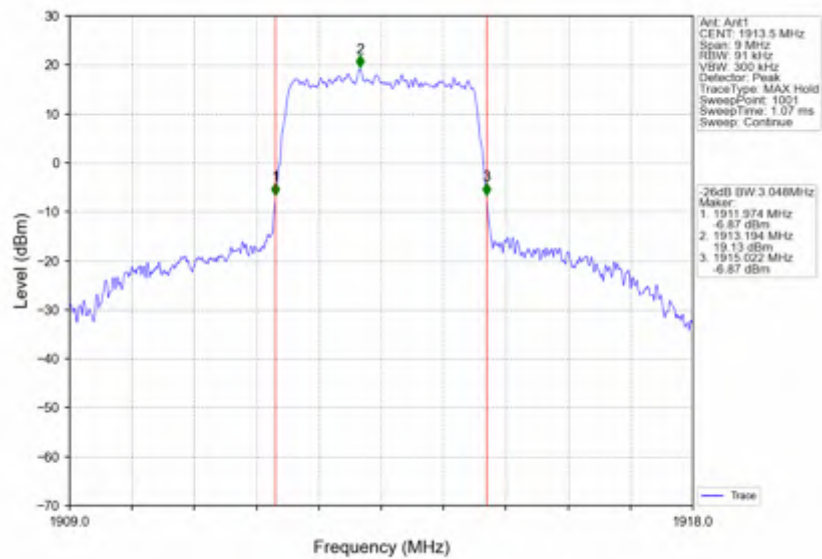
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



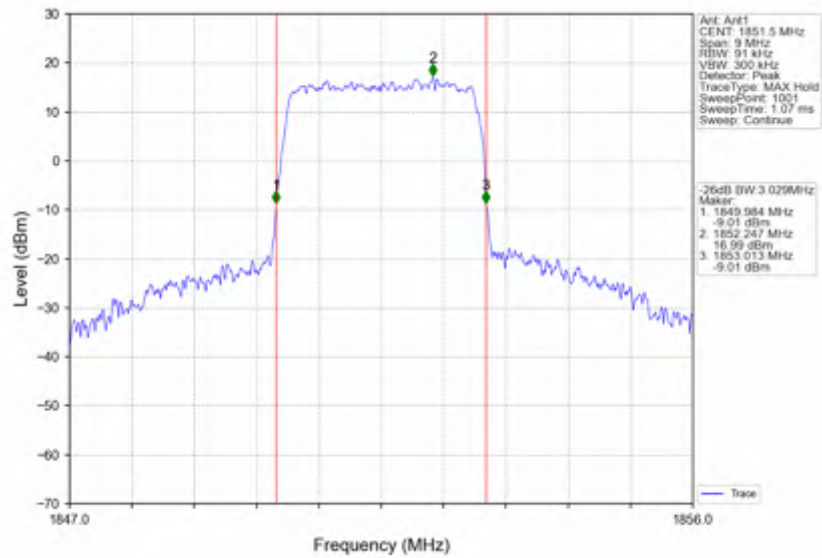
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



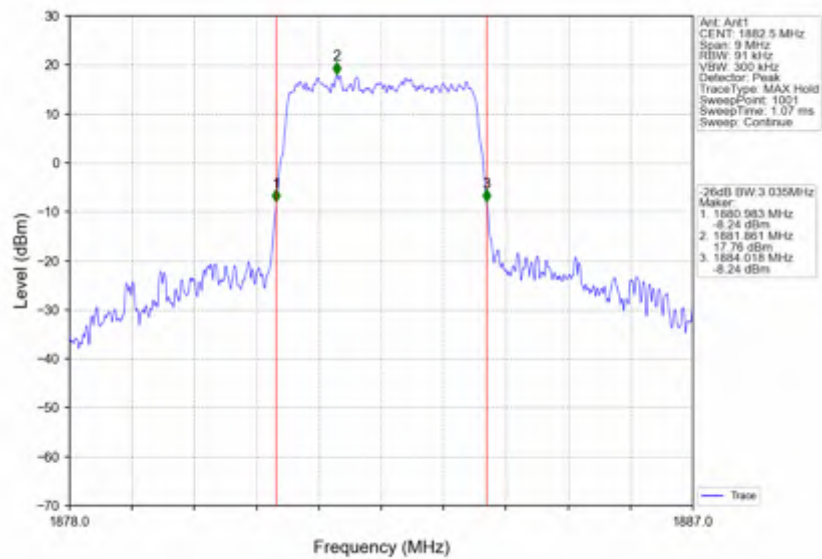
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



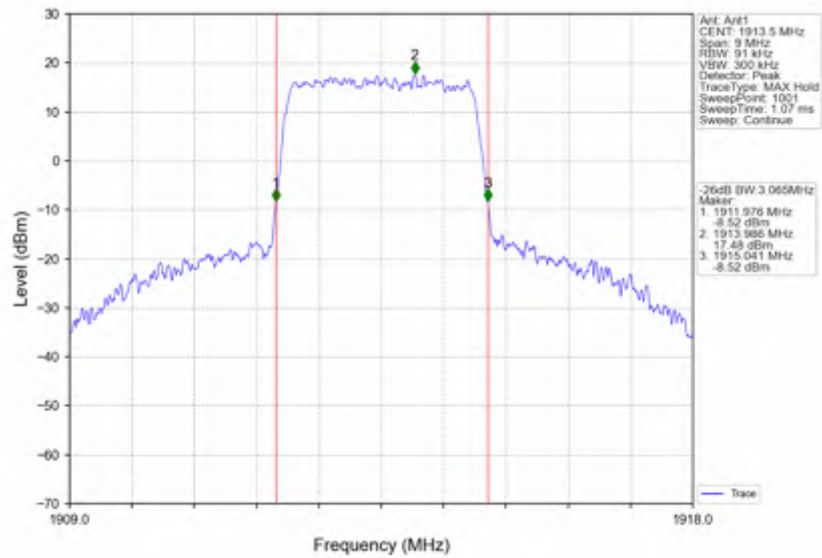
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



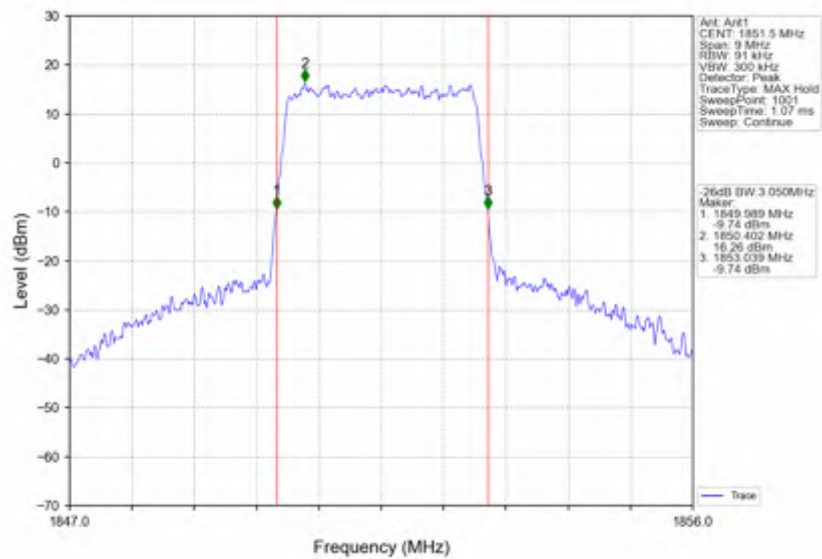
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



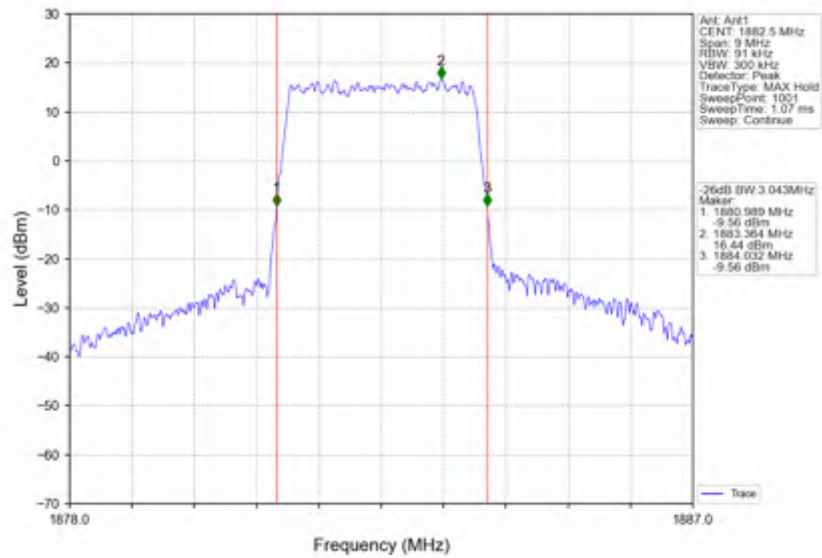
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



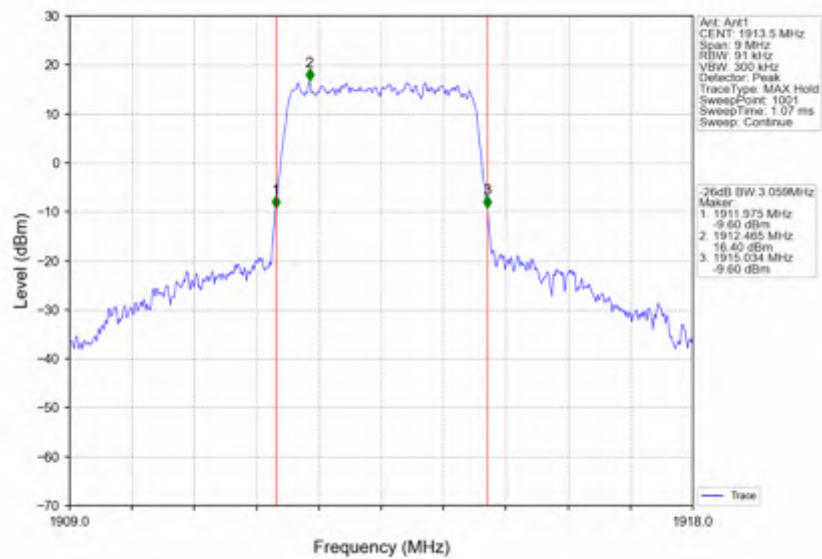
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



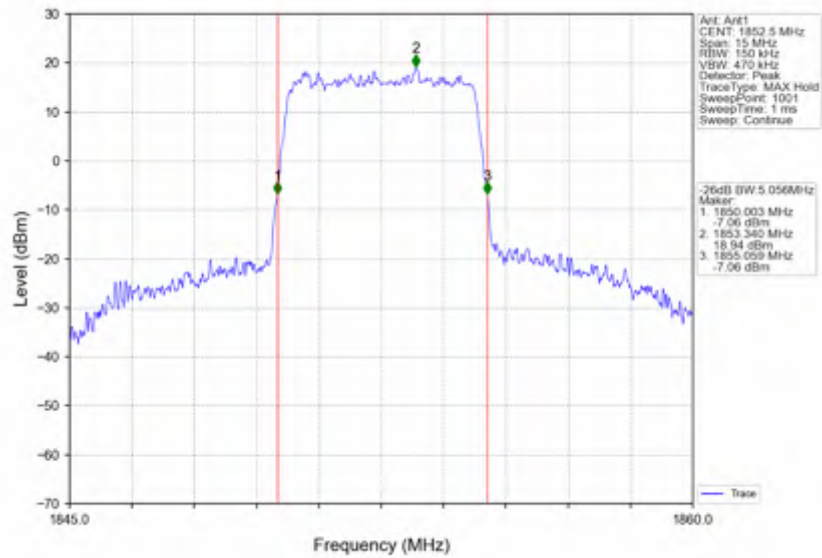
Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



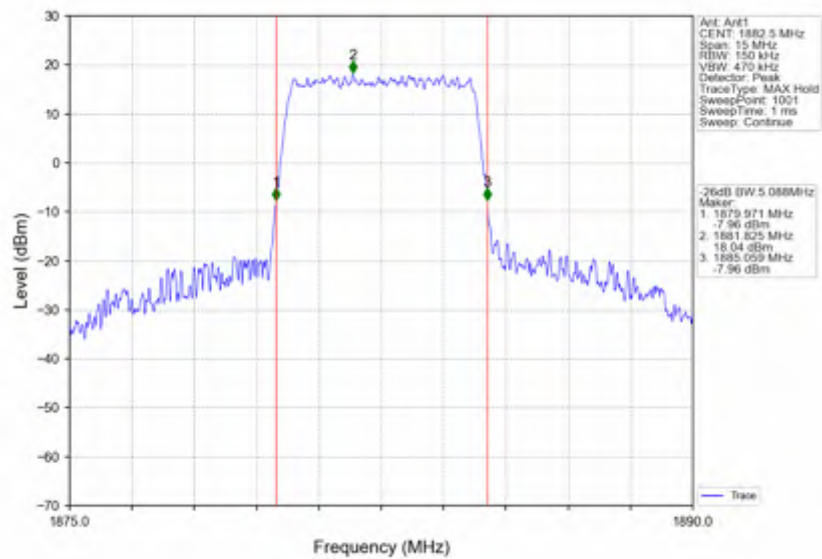
Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



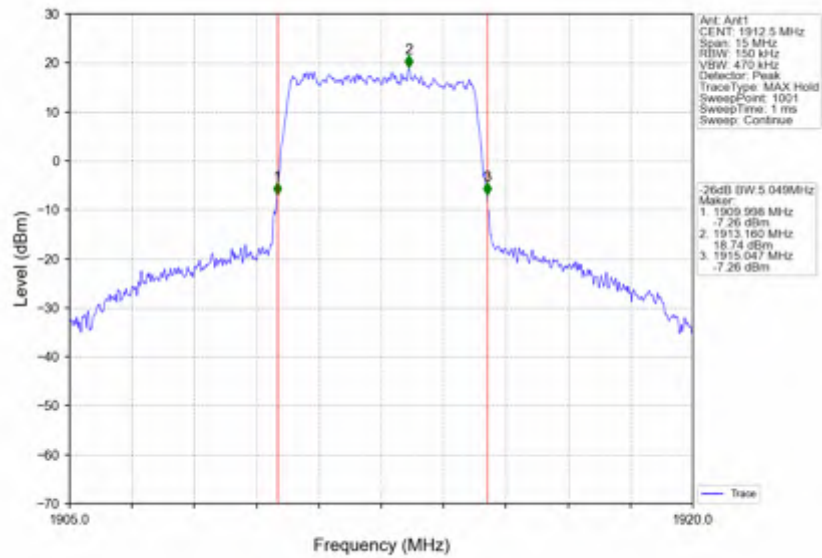
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



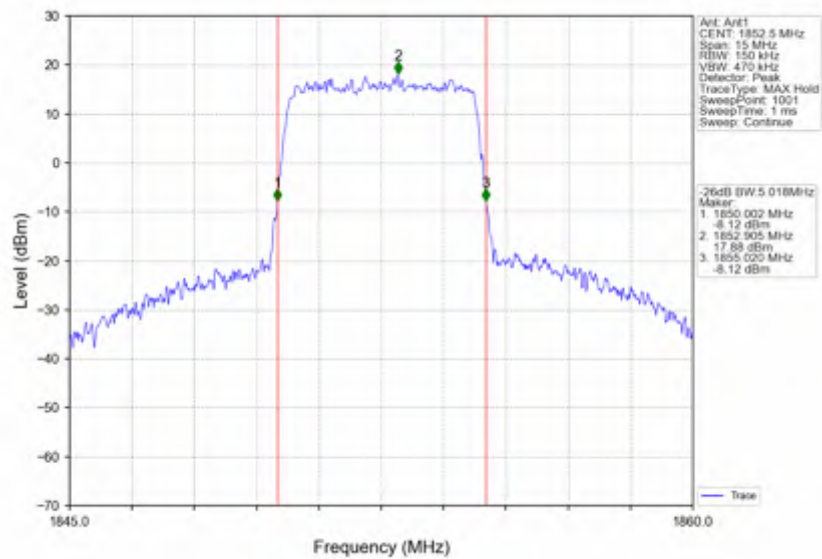
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



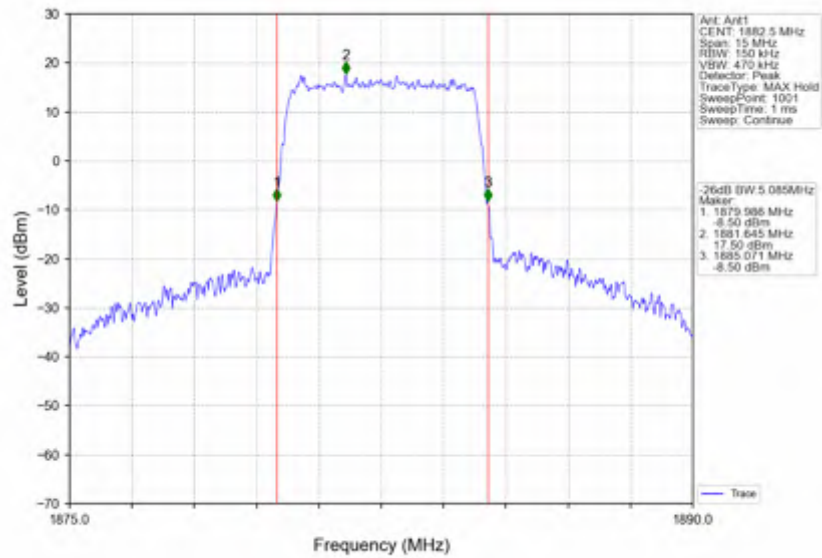
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



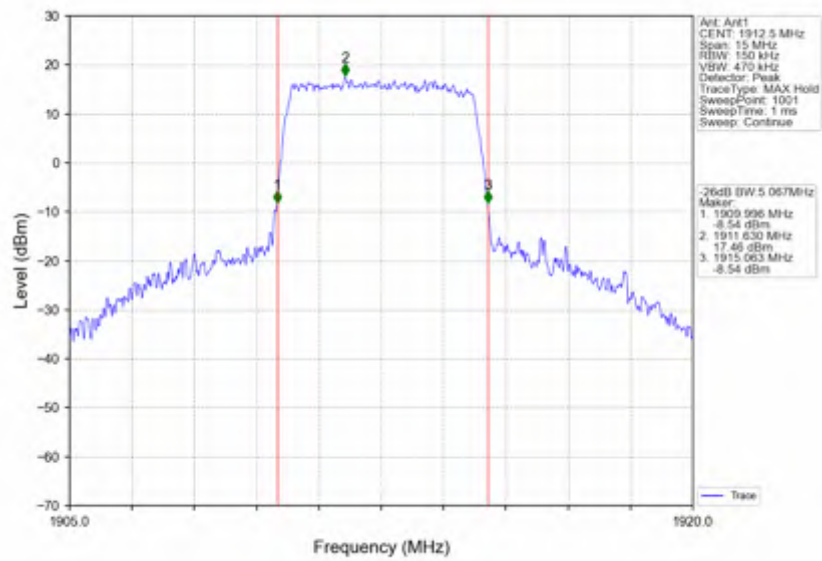
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



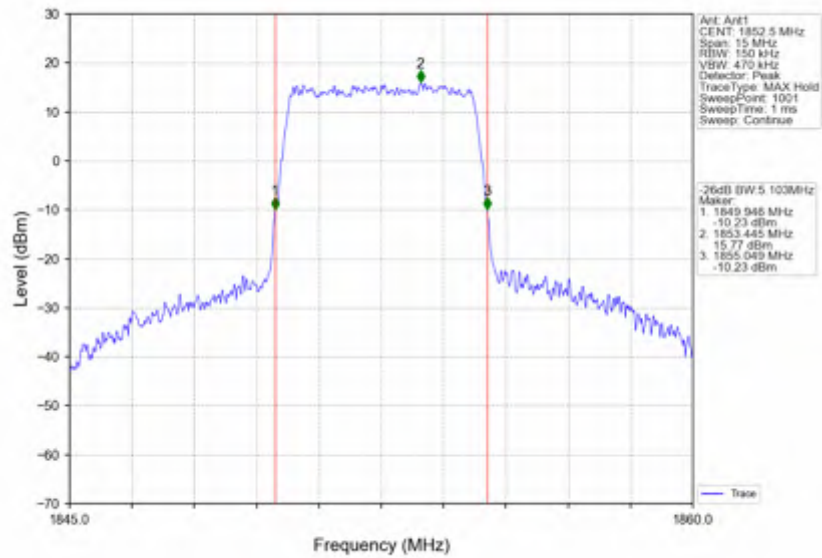
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



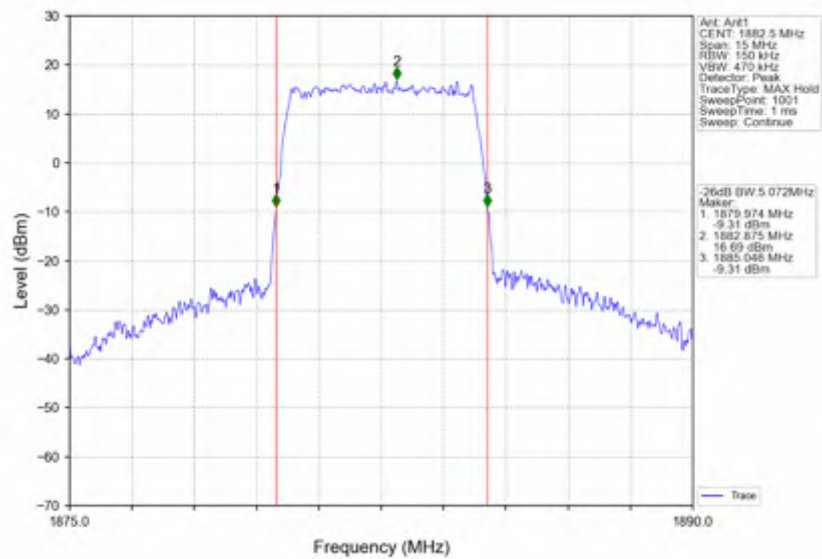
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



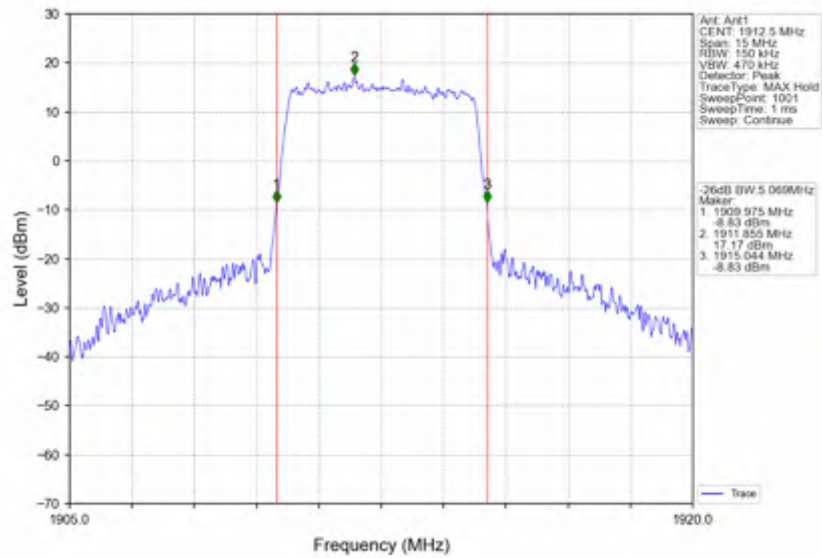
Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



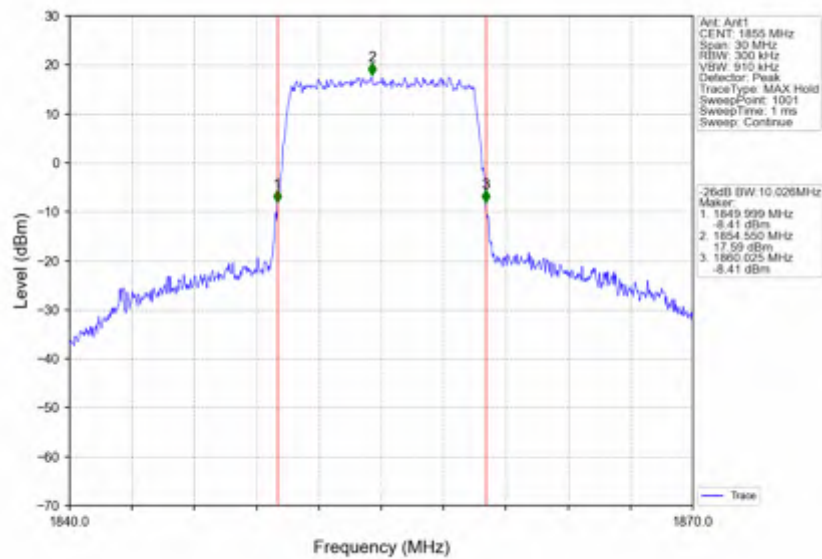
Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



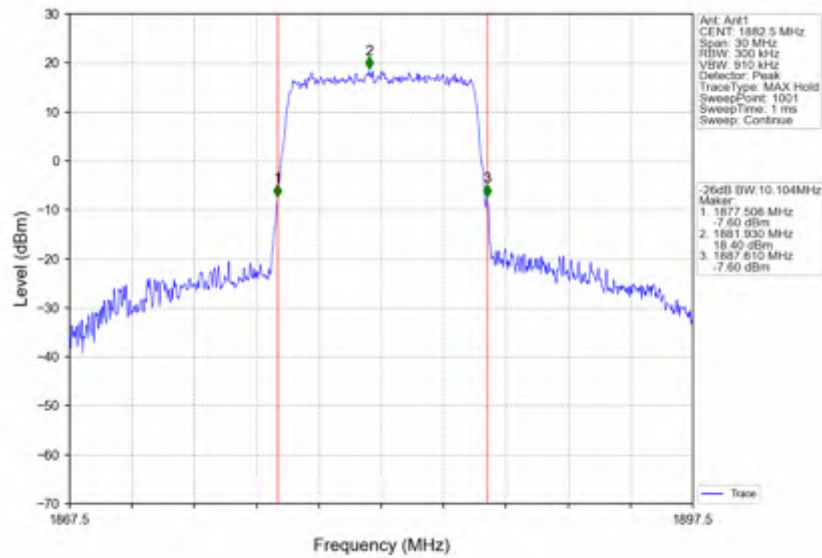
Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV



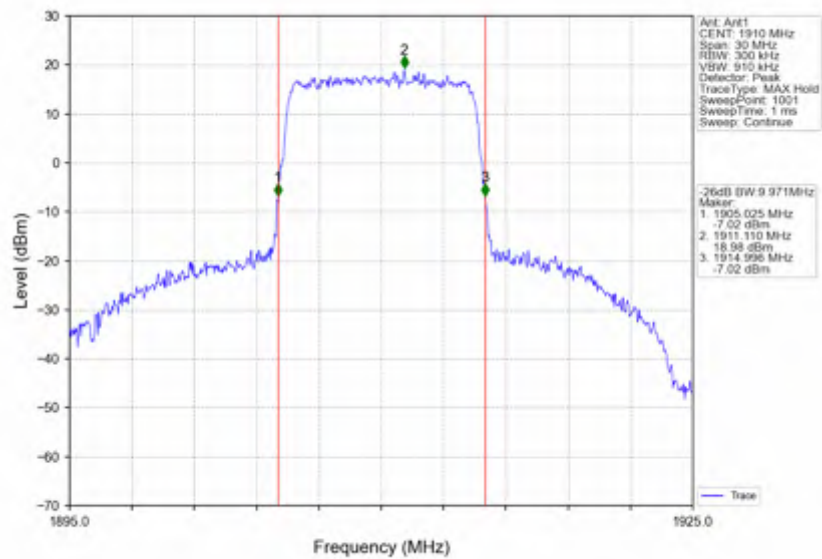
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



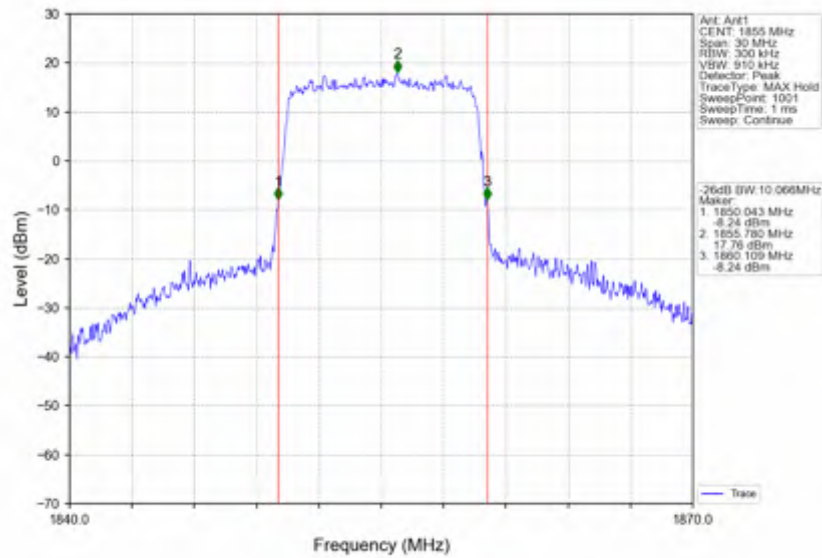
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



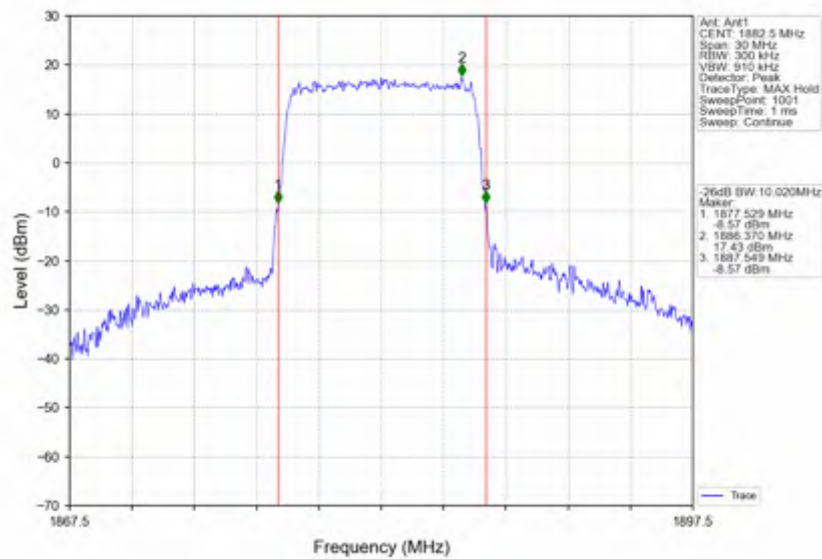
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



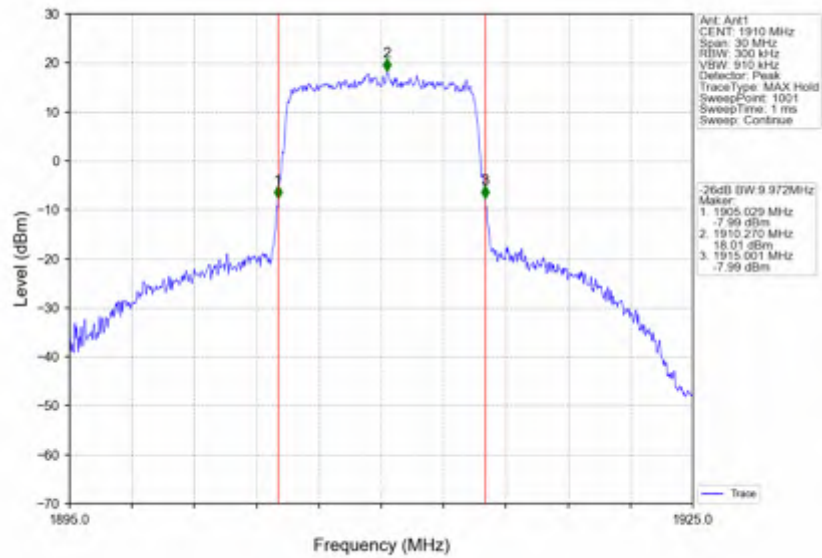
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



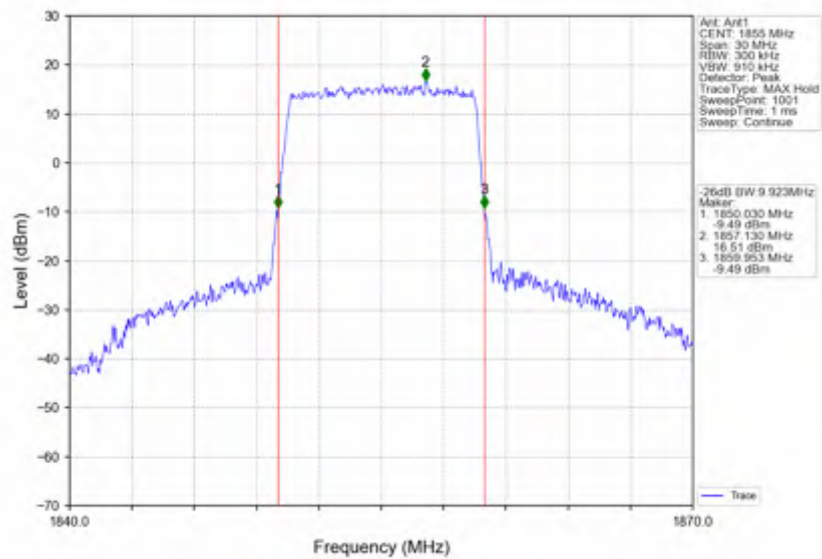
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



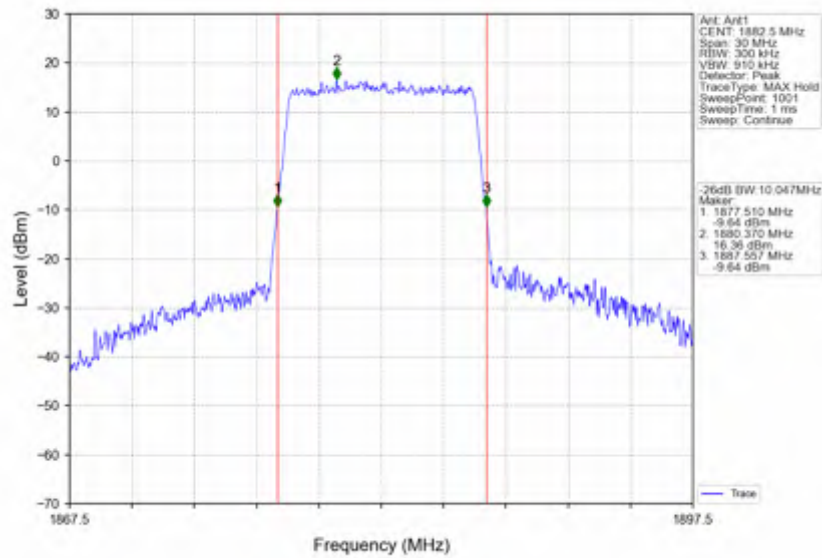
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



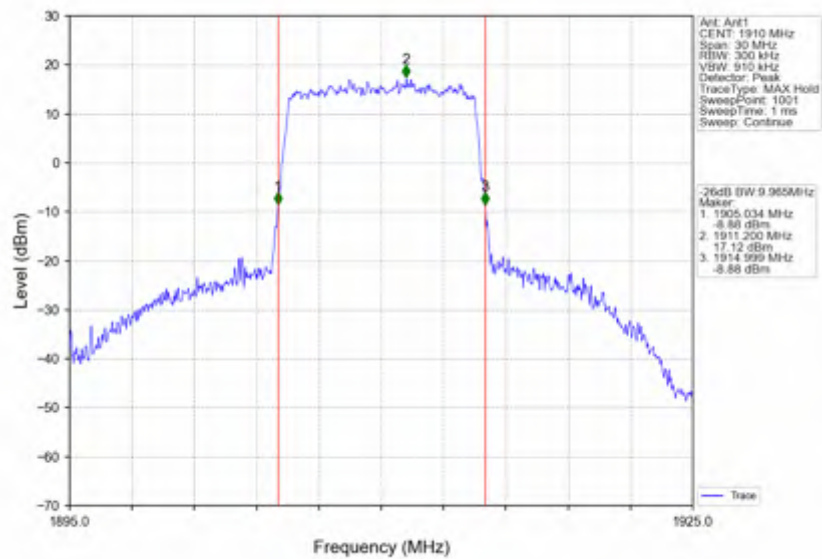
Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



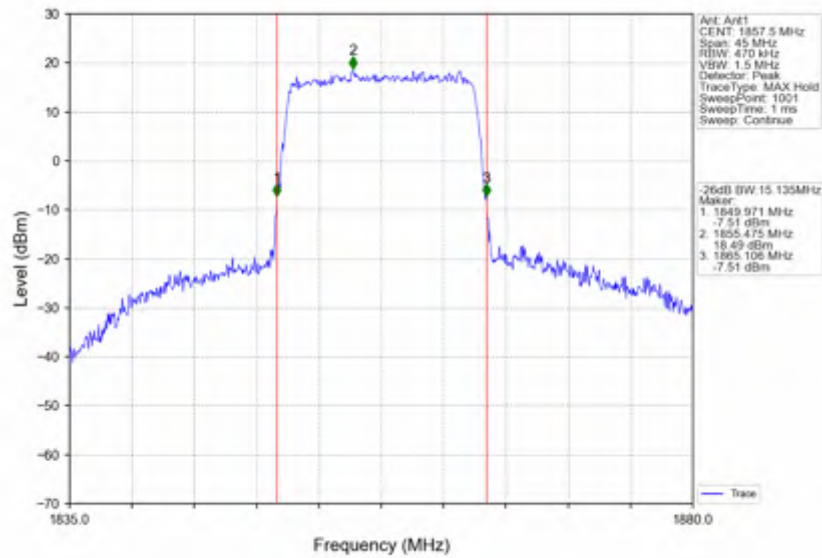
Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



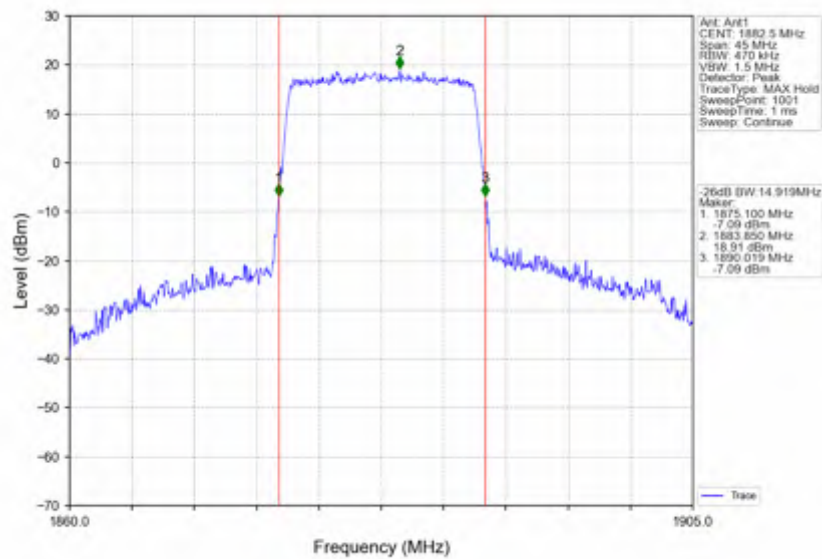
Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



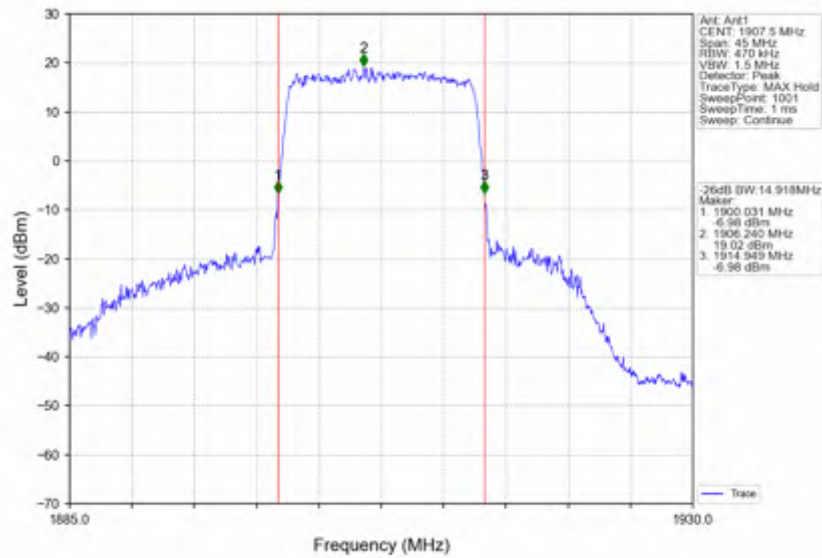
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



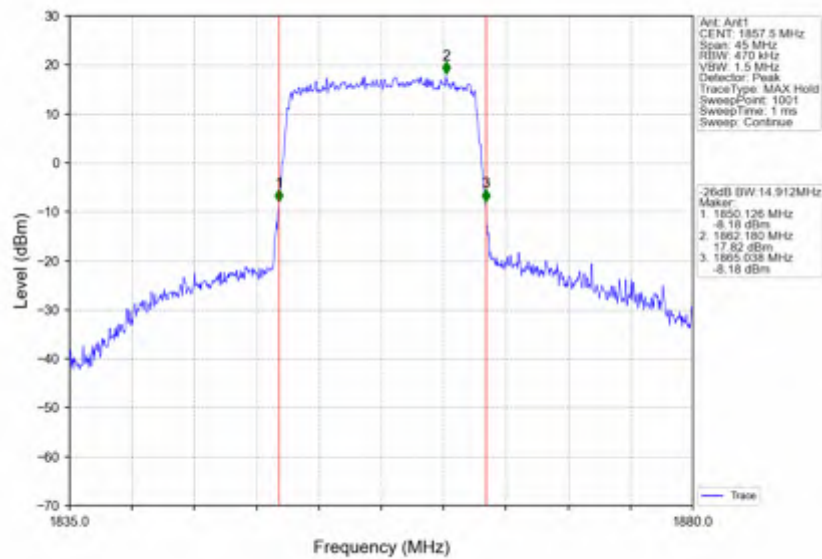
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



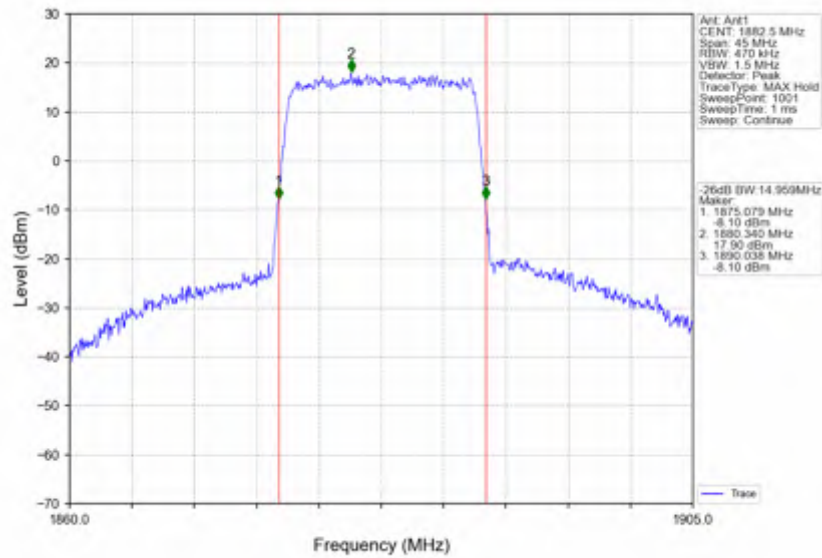
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



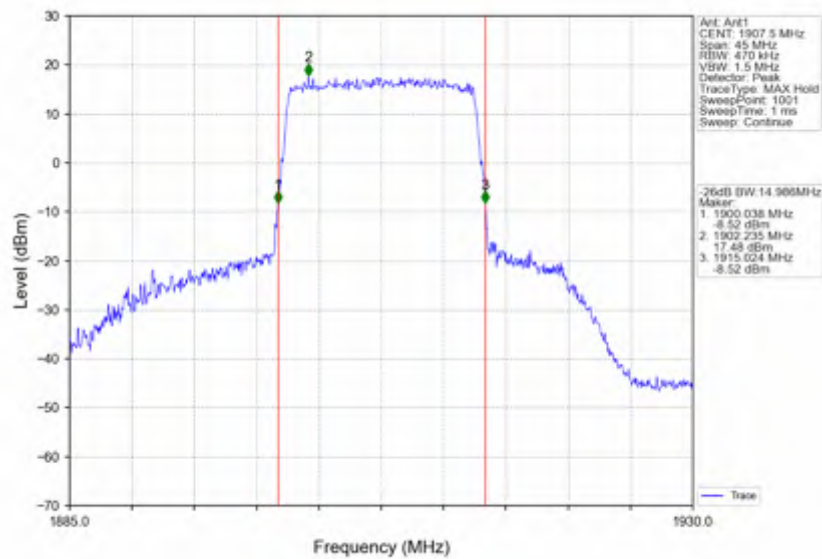
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



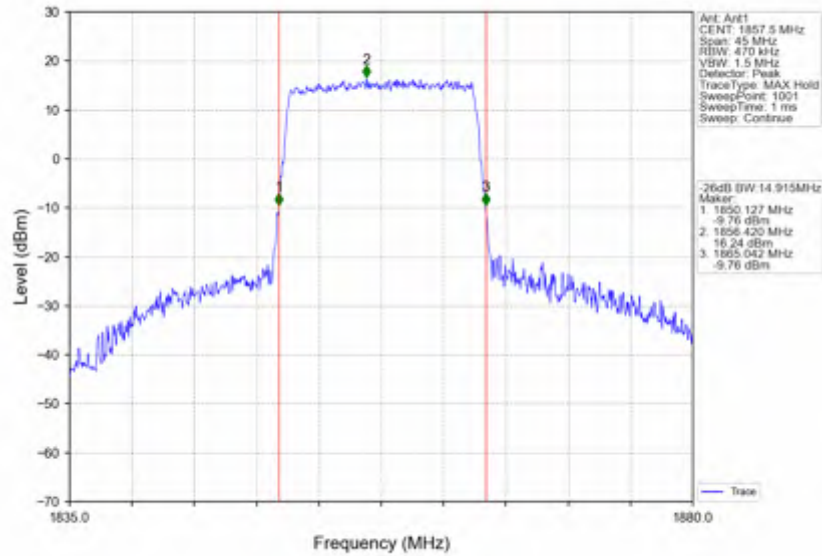
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



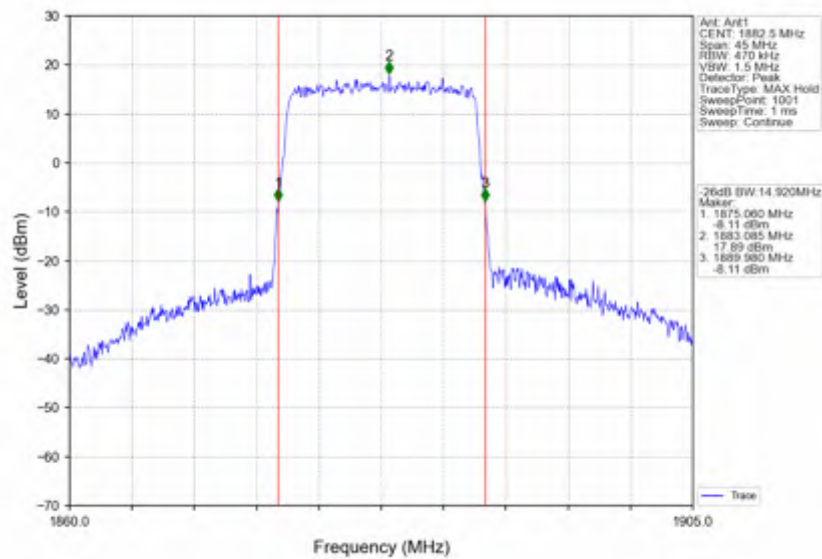
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



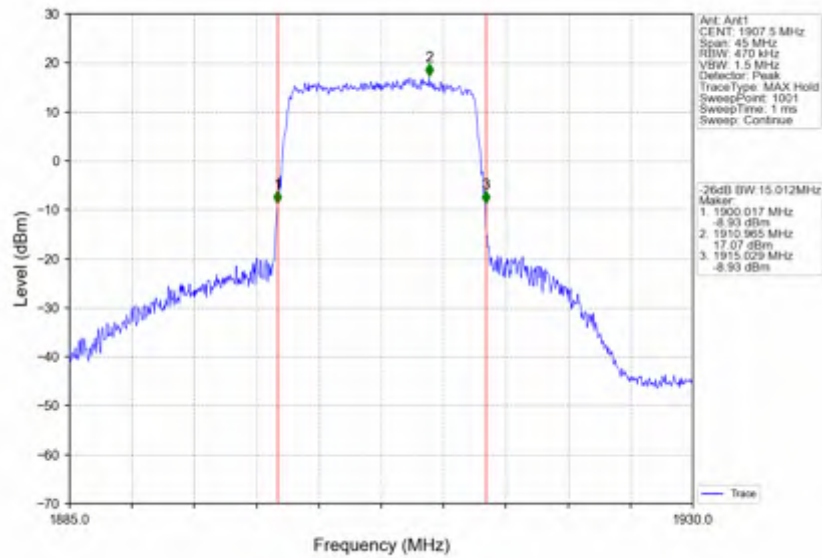
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



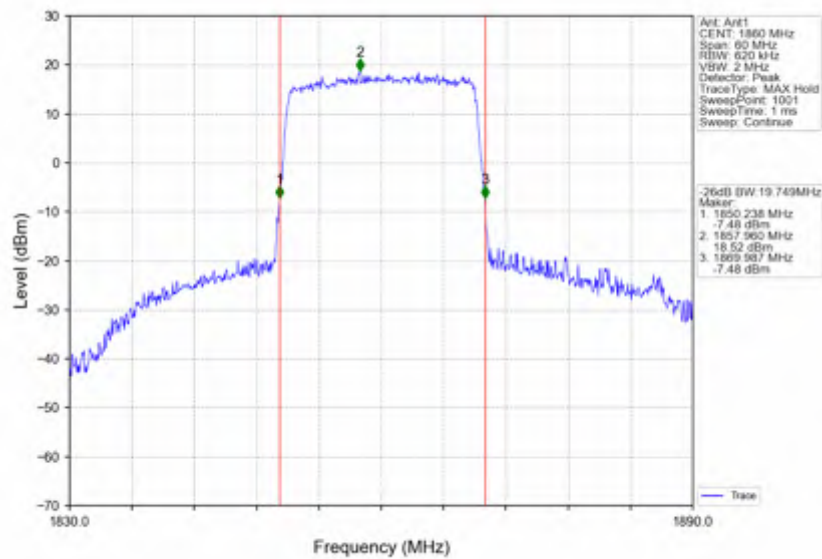
Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



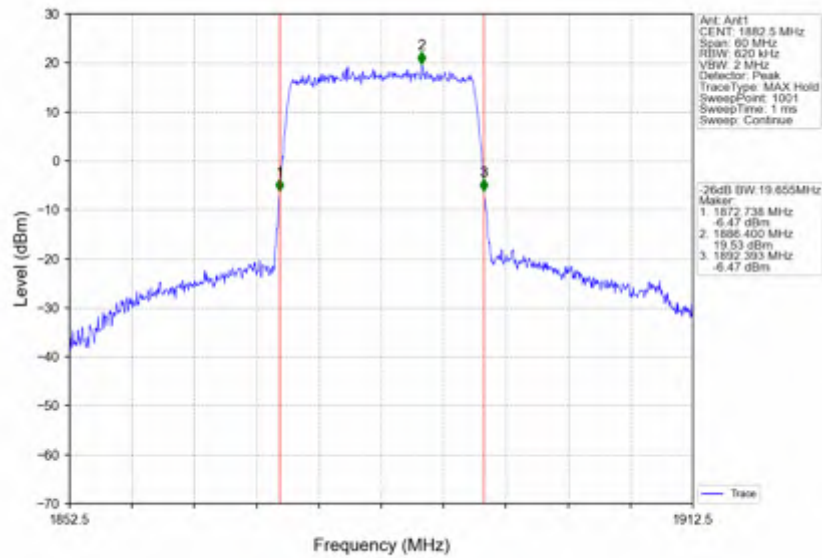
Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



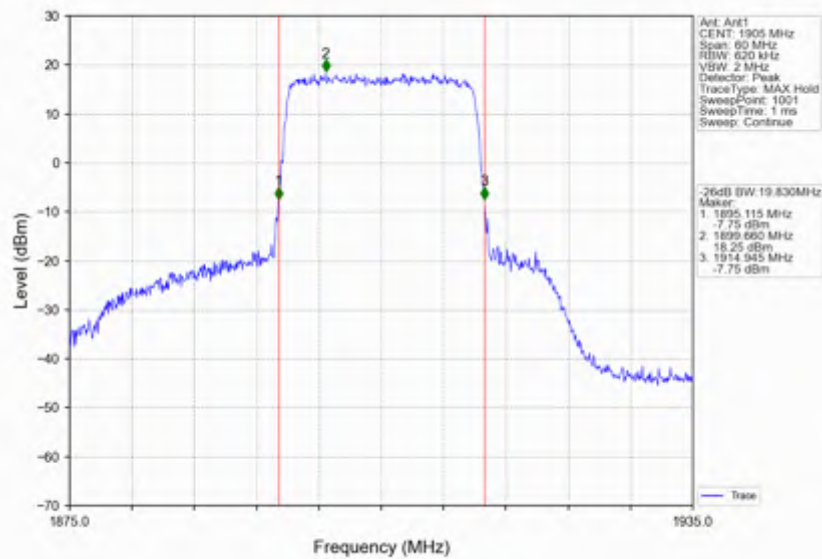
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



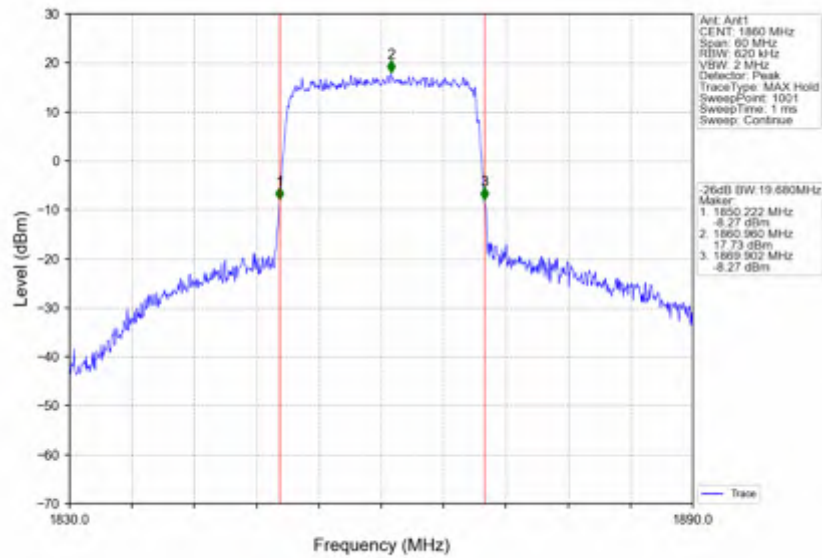
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



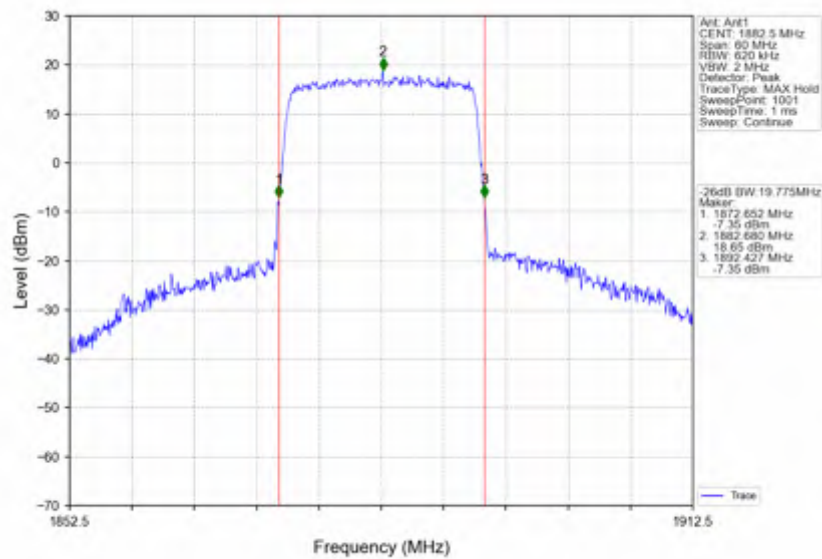
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



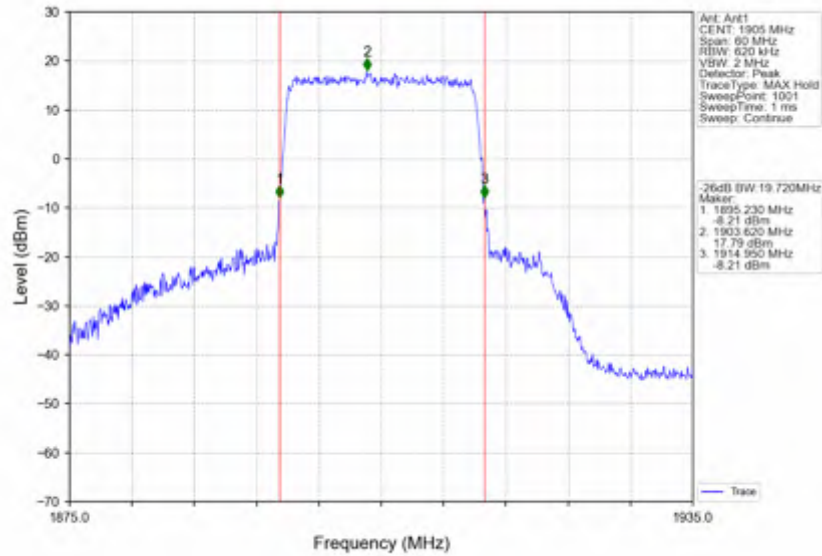
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



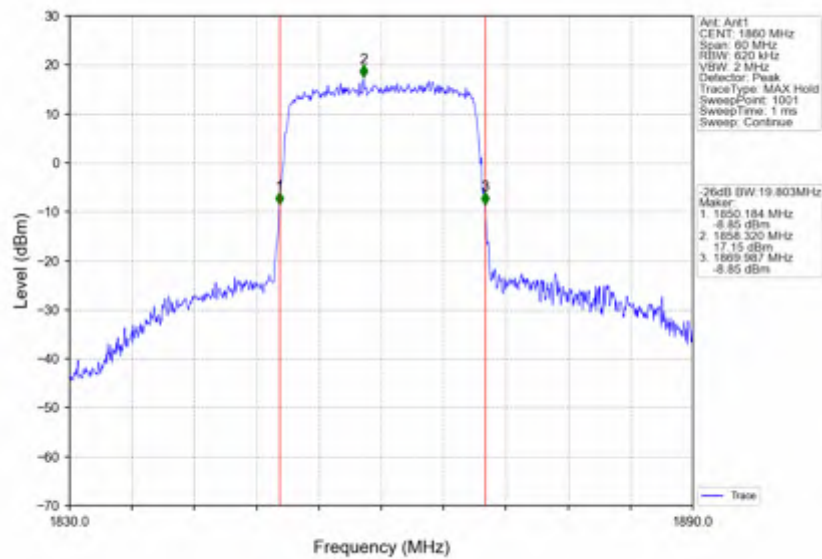
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



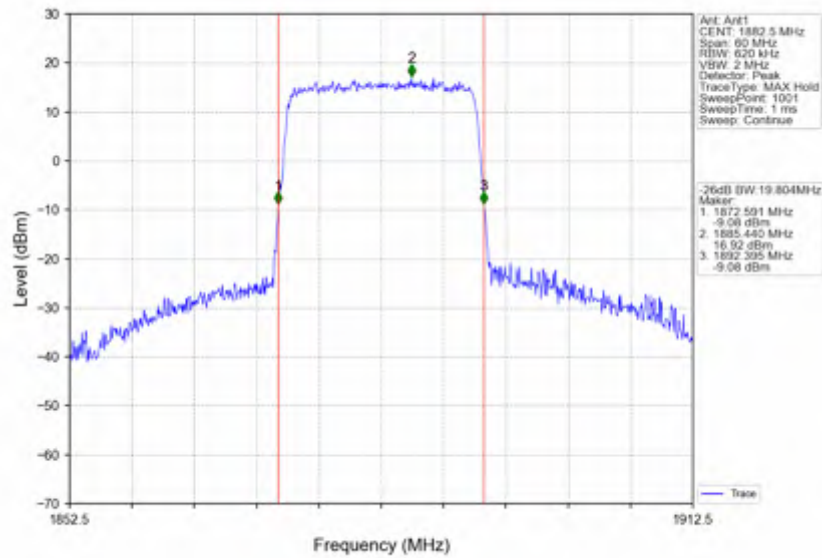
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



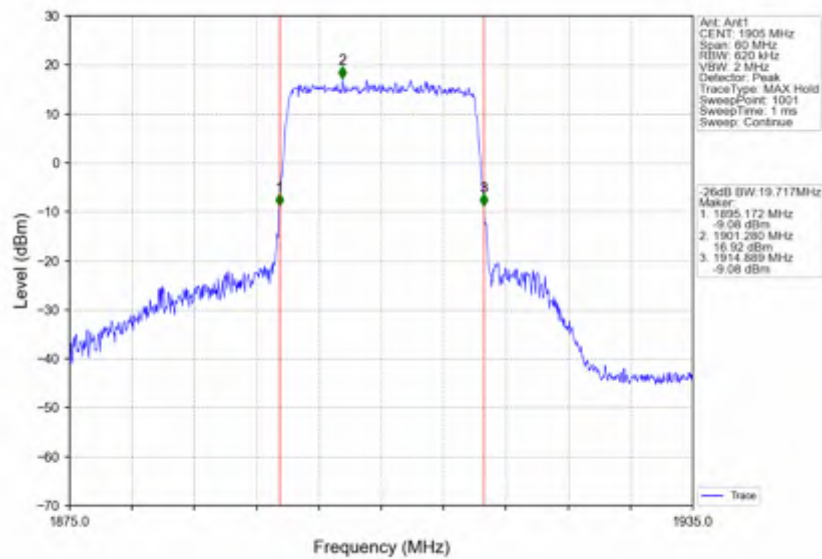
Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV





5. Peak-Average Ratio

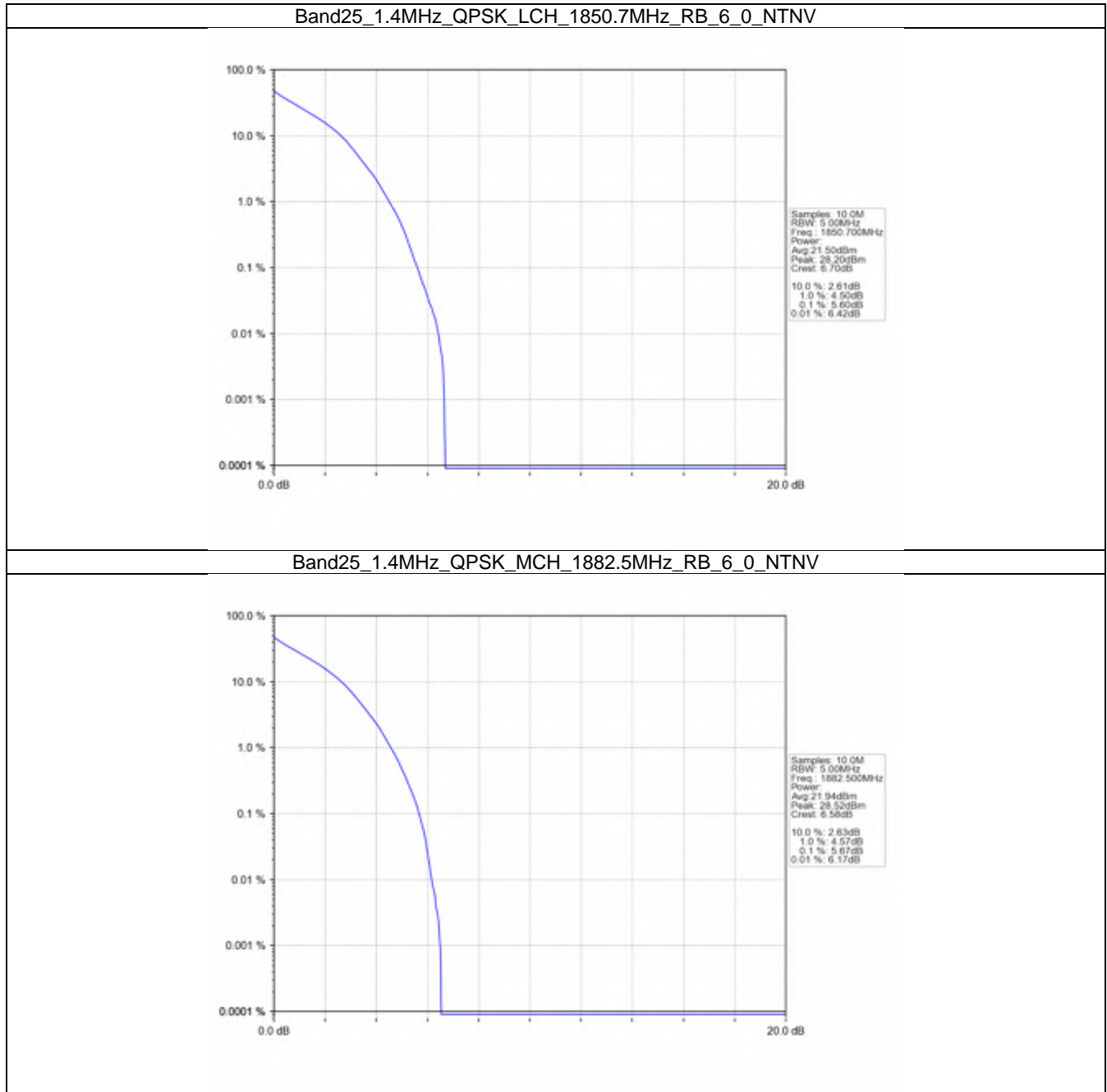
5.1 B25_1.4MHz

5.1.1 Test Result

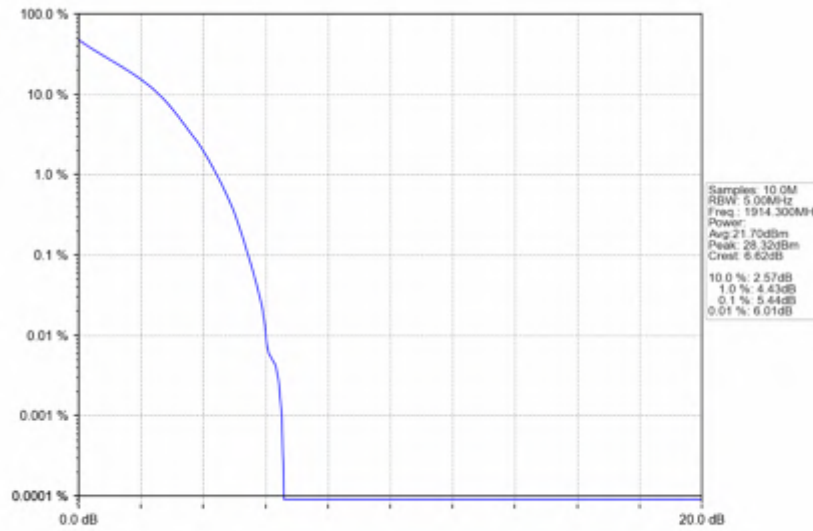
| Band: 25 / Bandwidth: 1.4MHz / NTN | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1850.7 | 6 | 0 | 5.60 | <=13 | Pass |
| | 1882.5 | 6 | 0 | 5.67 | <=13 | Pass |
| | 1914.3 | 6 | 0 | 5.44 | <=13 | Pass |
| 16QAM | 1850.7 | 6 | 0 | 6.34 | <=13 | Pass |
| | 1882.5 | 6 | 0 | 6.41 | <=13 | Pass |
| | 1914.3 | 6 | 0 | 6.19 | <=13 | Pass |
| 64QAM | 1850.7 | 6 | 0 | 6.39 | <=13 | Pass |
| | 1882.5 | 6 | 0 | 6.75 | <=13 | Pass |
| | 1914.3 | 6 | 0 | 6.54 | <=13 | Pass |



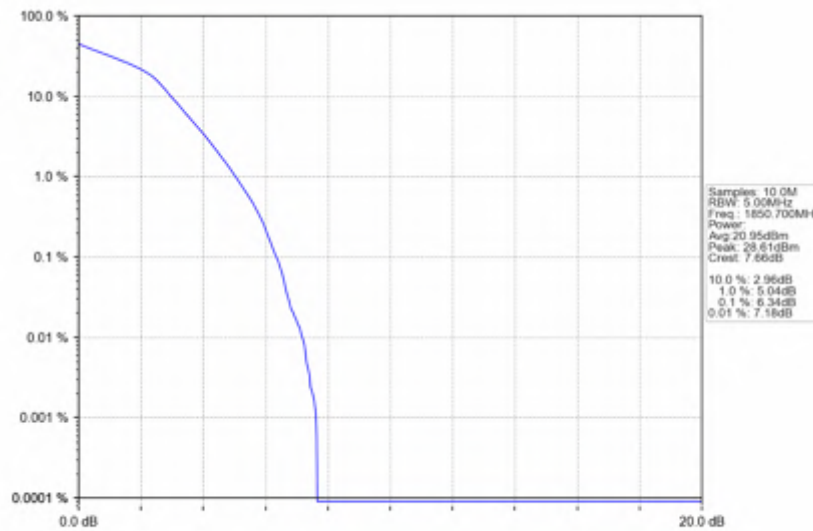
5.1.2 Test Graph



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

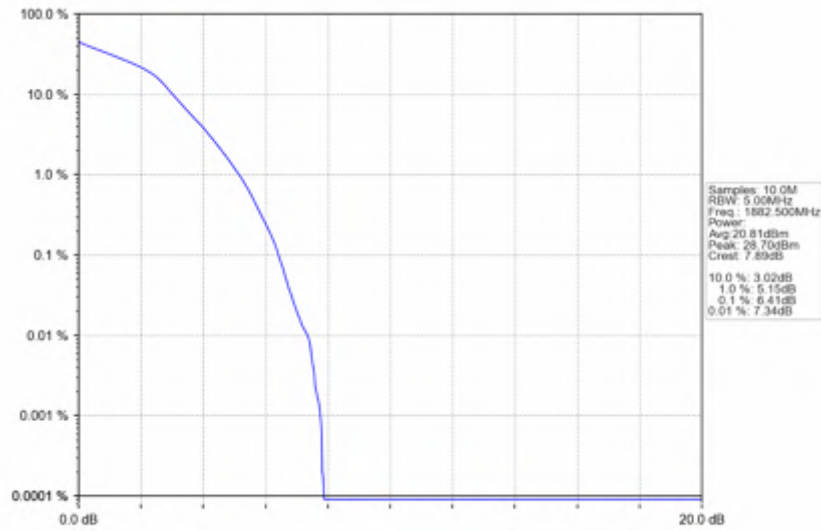


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

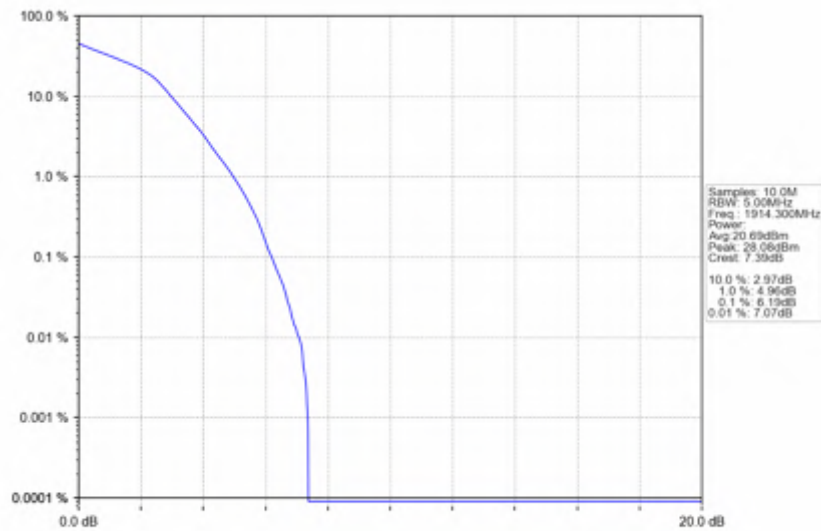




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

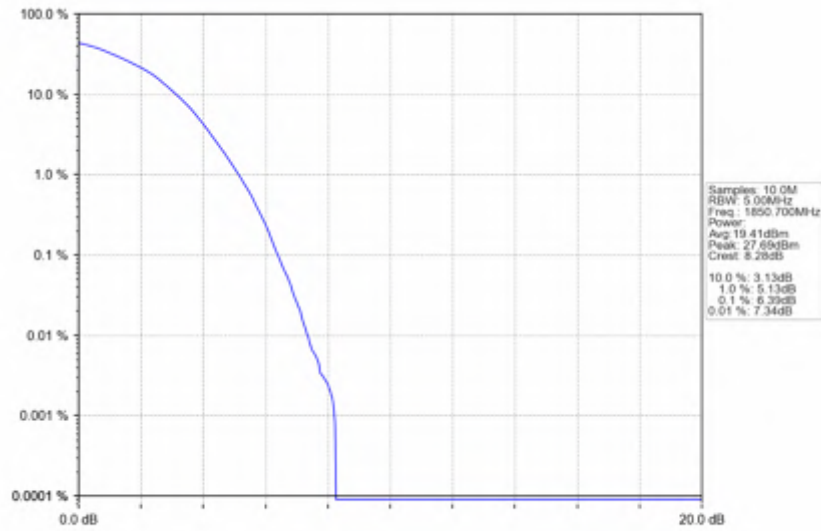


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

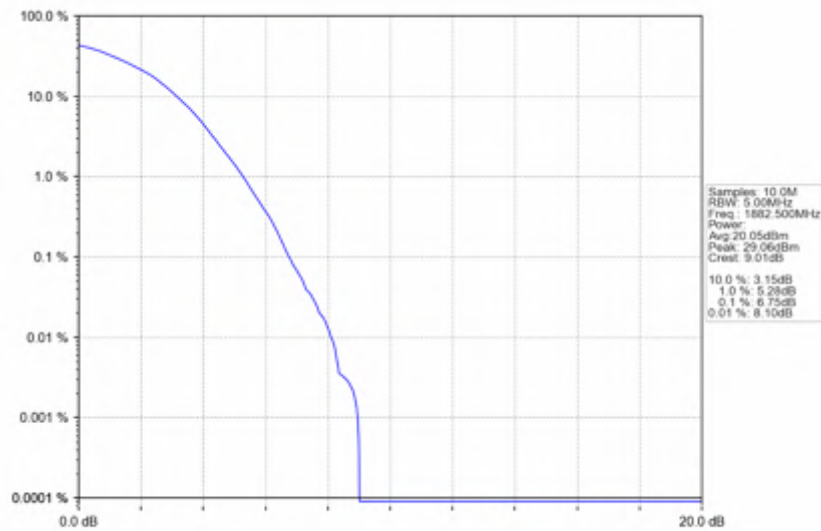




Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV

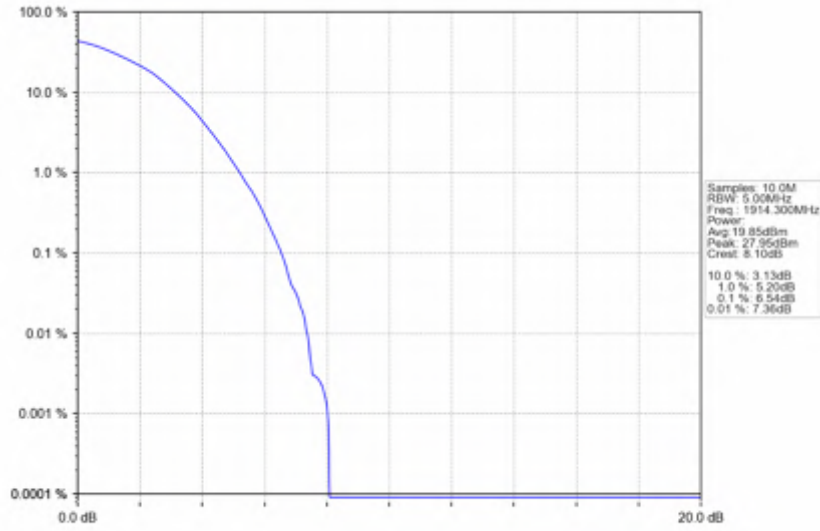


Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV





Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV





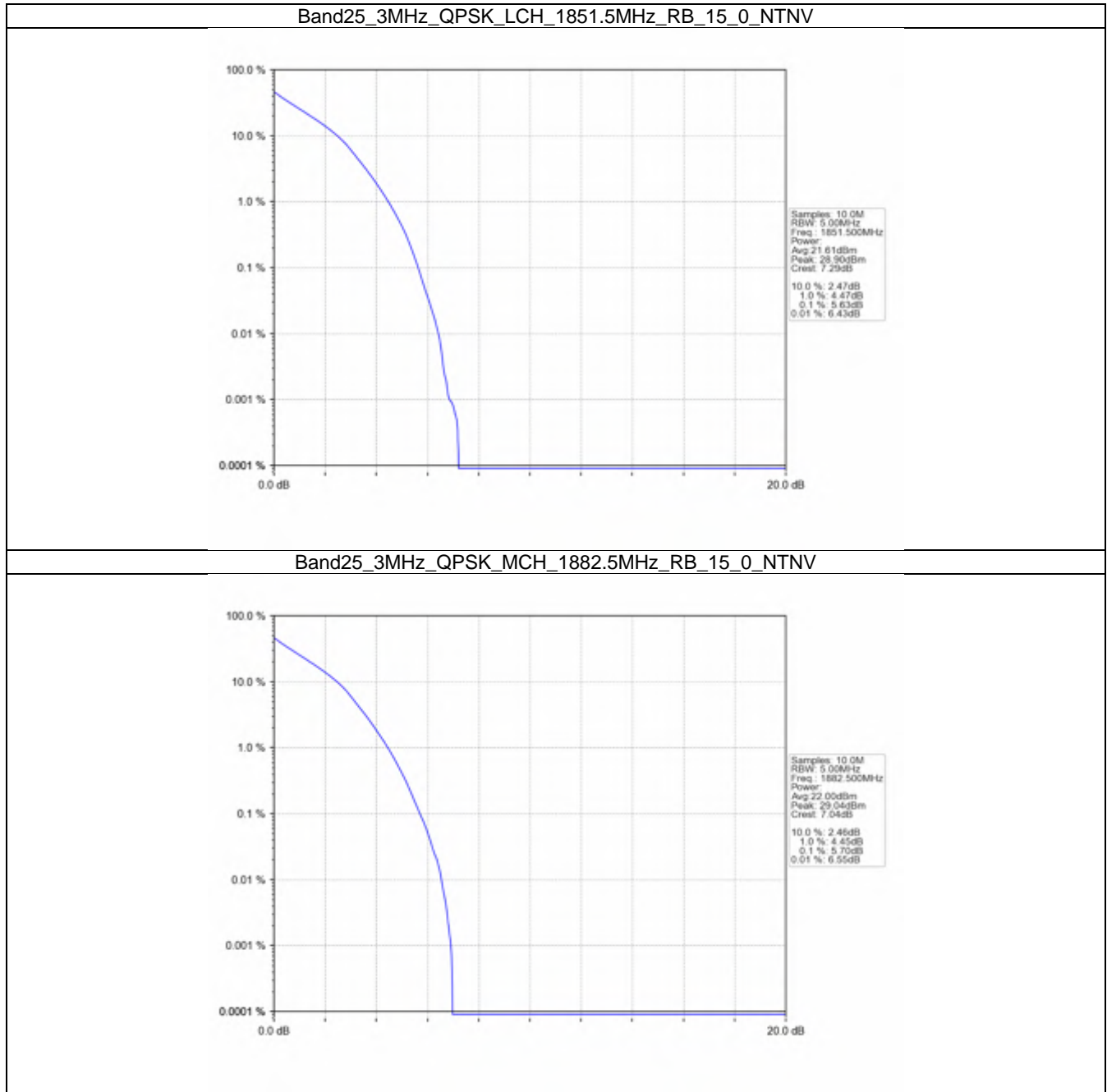
5.2 B25_3MHz

5.2.1 Test Result

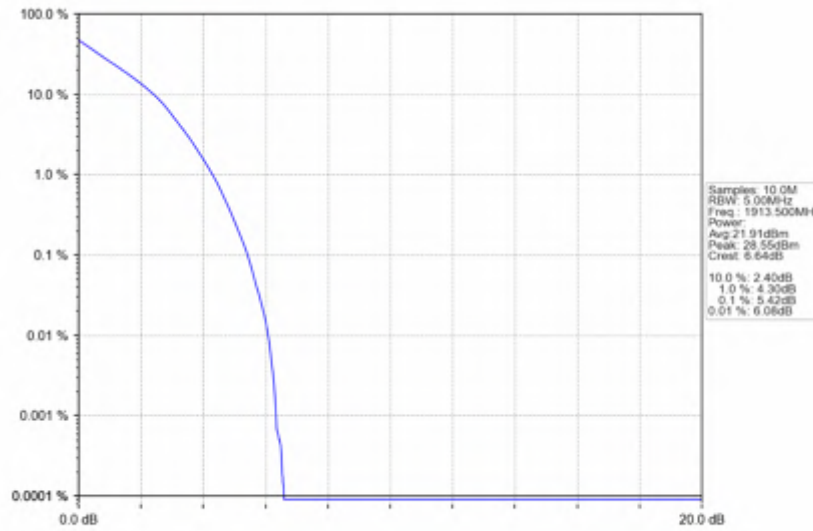
| Band: 25 / Bandwidth: 3MHz / NTV | | | | | | |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1851.5 | 15 | 0 | 5.63 | <=13 | Pass |
| | 1882.5 | 15 | 0 | 5.70 | <=13 | Pass |
| | 1913.5 | 15 | 0 | 5.42 | <=13 | Pass |
| 16QAM | 1851.5 | 15 | 0 | 6.40 | <=13 | Pass |
| | 1882.5 | 15 | 0 | 6.45 | <=13 | Pass |
| | 1913.5 | 15 | 0 | 6.25 | <=13 | Pass |
| 64QAM | 1851.5 | 15 | 0 | 6.69 | <=13 | Pass |
| | 1882.5 | 15 | 0 | 6.60 | <=13 | Pass |
| | 1913.5 | 15 | 0 | 6.42 | <=13 | Pass |



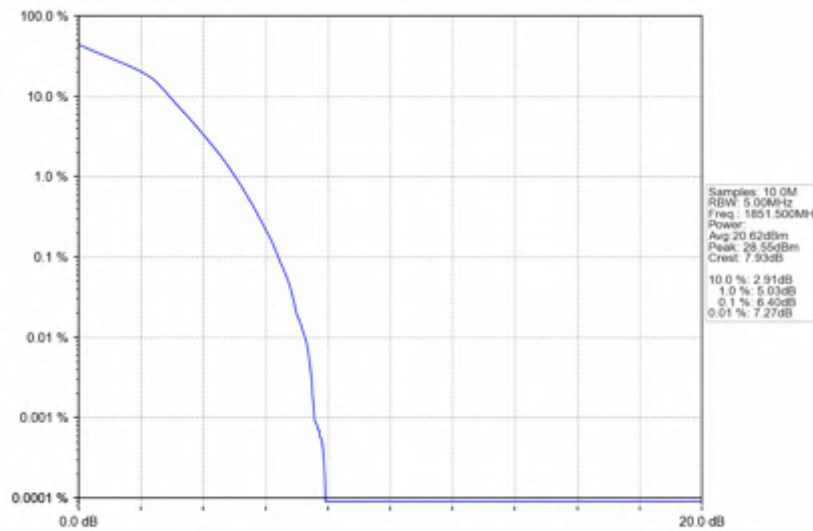
5.2.2 Test Graph



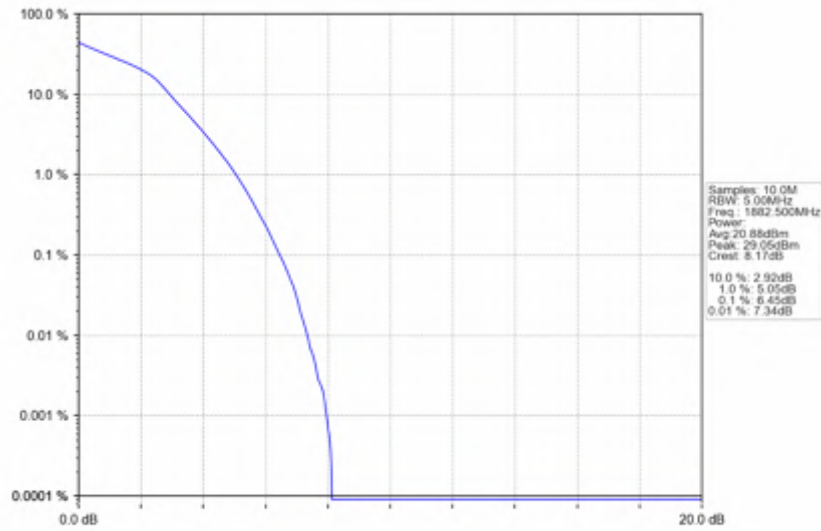
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



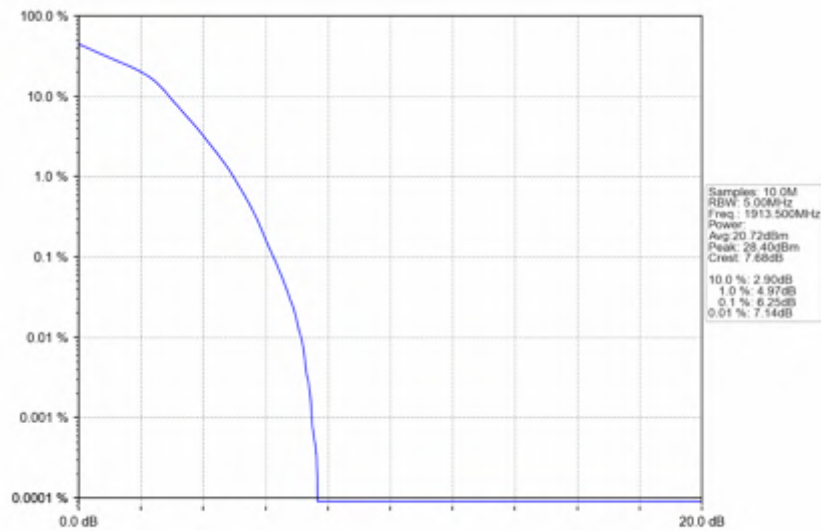
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



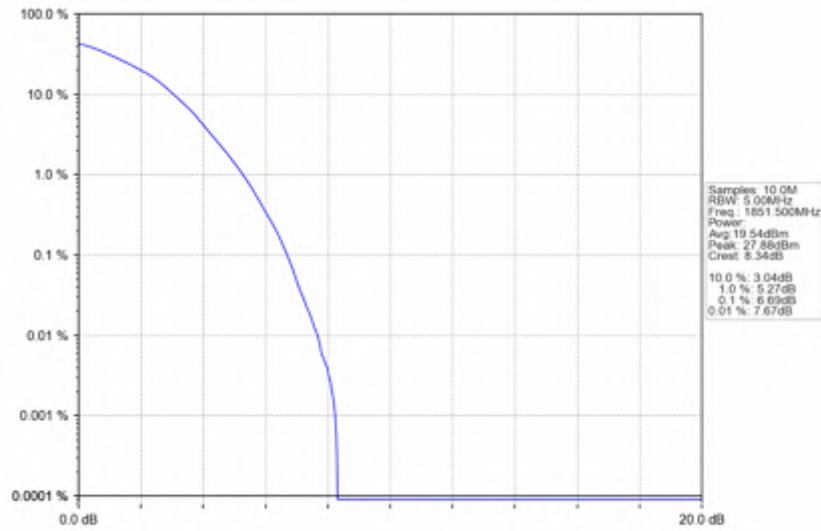
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



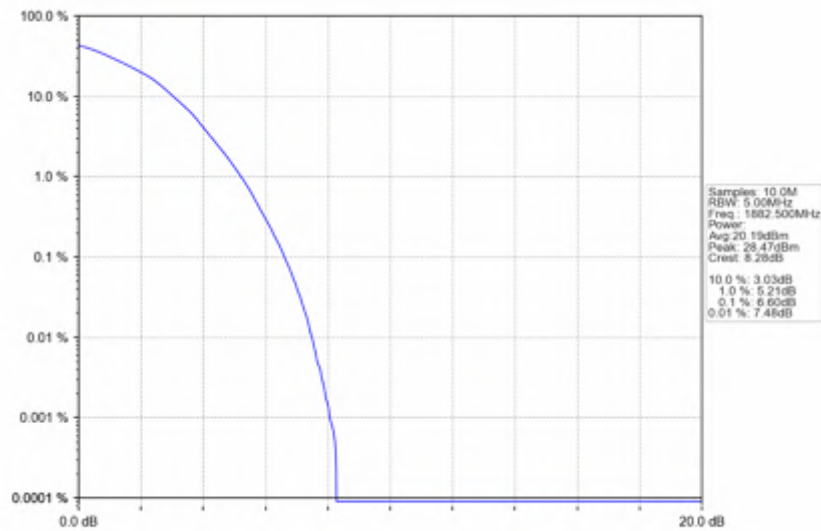
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



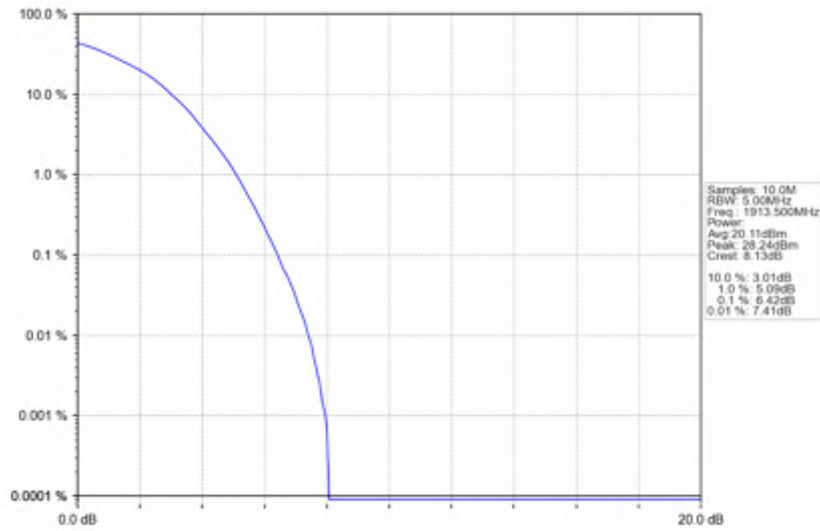
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



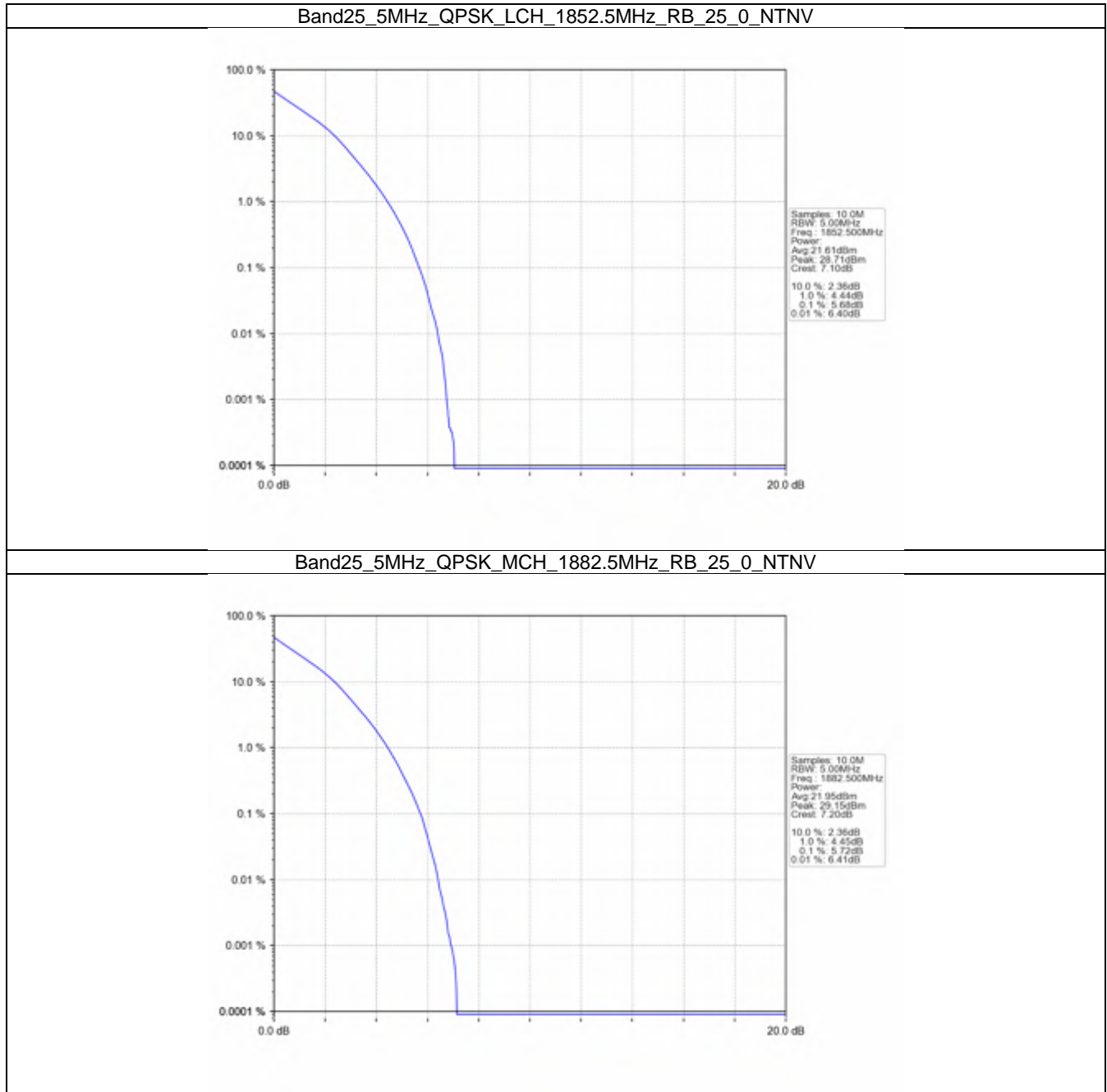


5.3 B25_5MHz

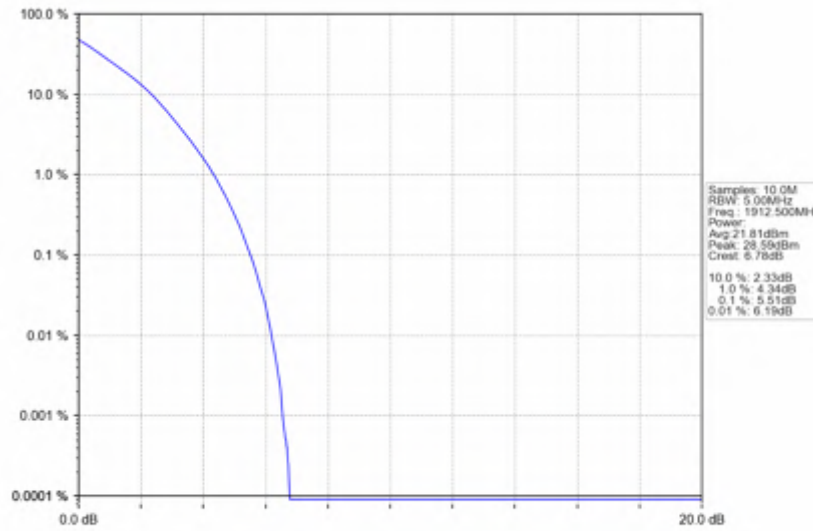
5.3.1 Test Result

| Band: 25 / Bandwidth: 5MHz / NTV | | | | | | |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1852.5 | 25 | 0 | 5.68 | <=13 | Pass |
| | 1882.5 | 25 | 0 | 5.72 | <=13 | Pass |
| | 1912.5 | 25 | 0 | 5.51 | <=13 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 6.35 | <=13 | Pass |
| | 1882.5 | 25 | 0 | 6.40 | <=13 | Pass |
| | 1912.5 | 25 | 0 | 6.24 | <=13 | Pass |
| 64QAM | 1852.5 | 25 | 0 | 6.55 | <=13 | Pass |
| | 1882.5 | 25 | 0 | 6.57 | <=13 | Pass |
| | 1912.5 | 25 | 0 | 6.49 | <=13 | Pass |

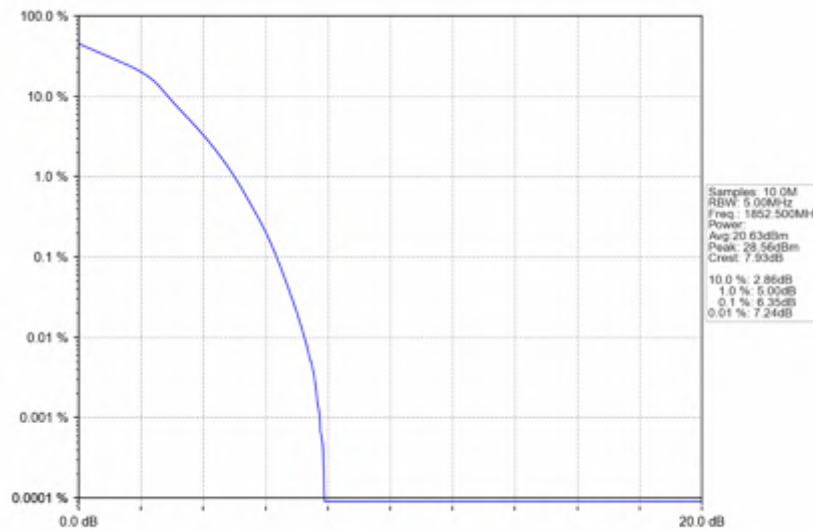
5.3.2 Test Graph



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

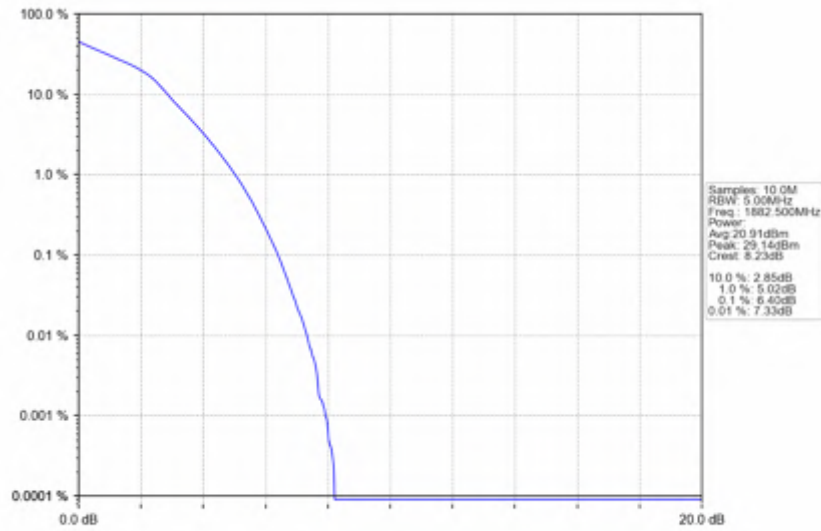


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

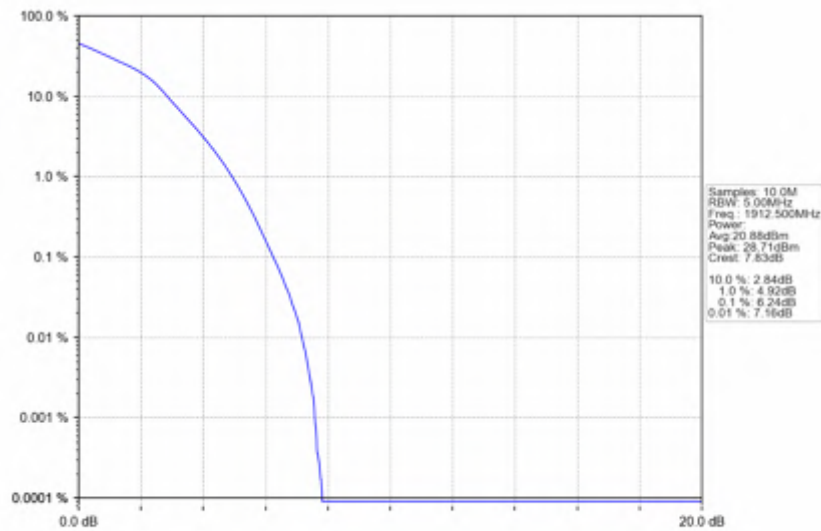




Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

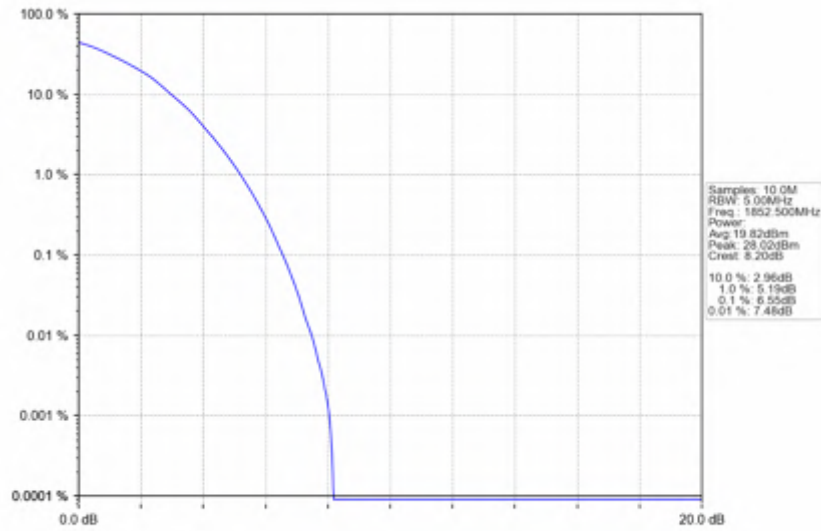


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

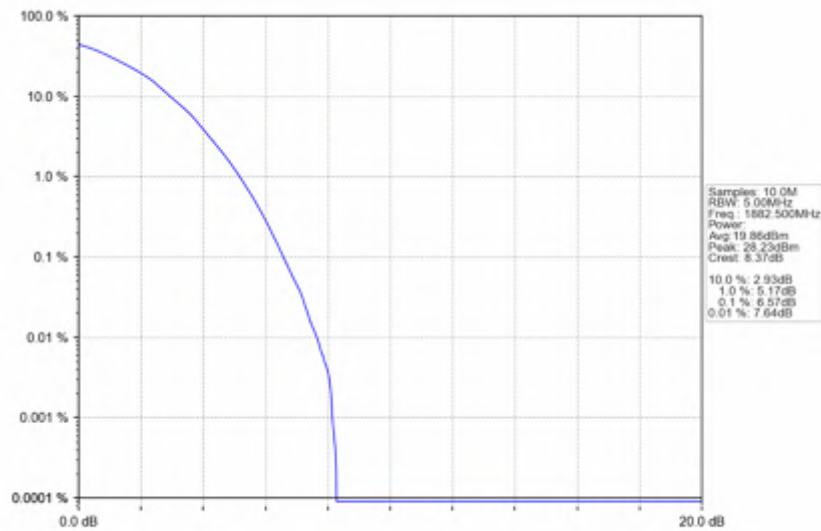




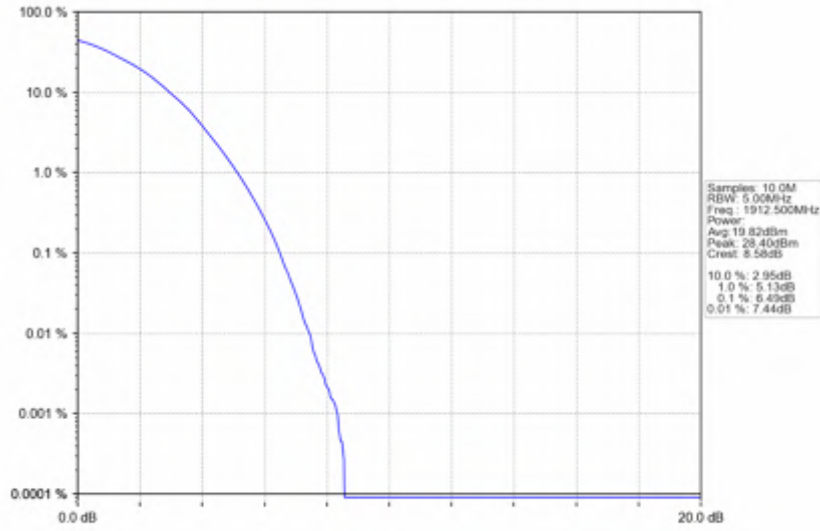
Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV





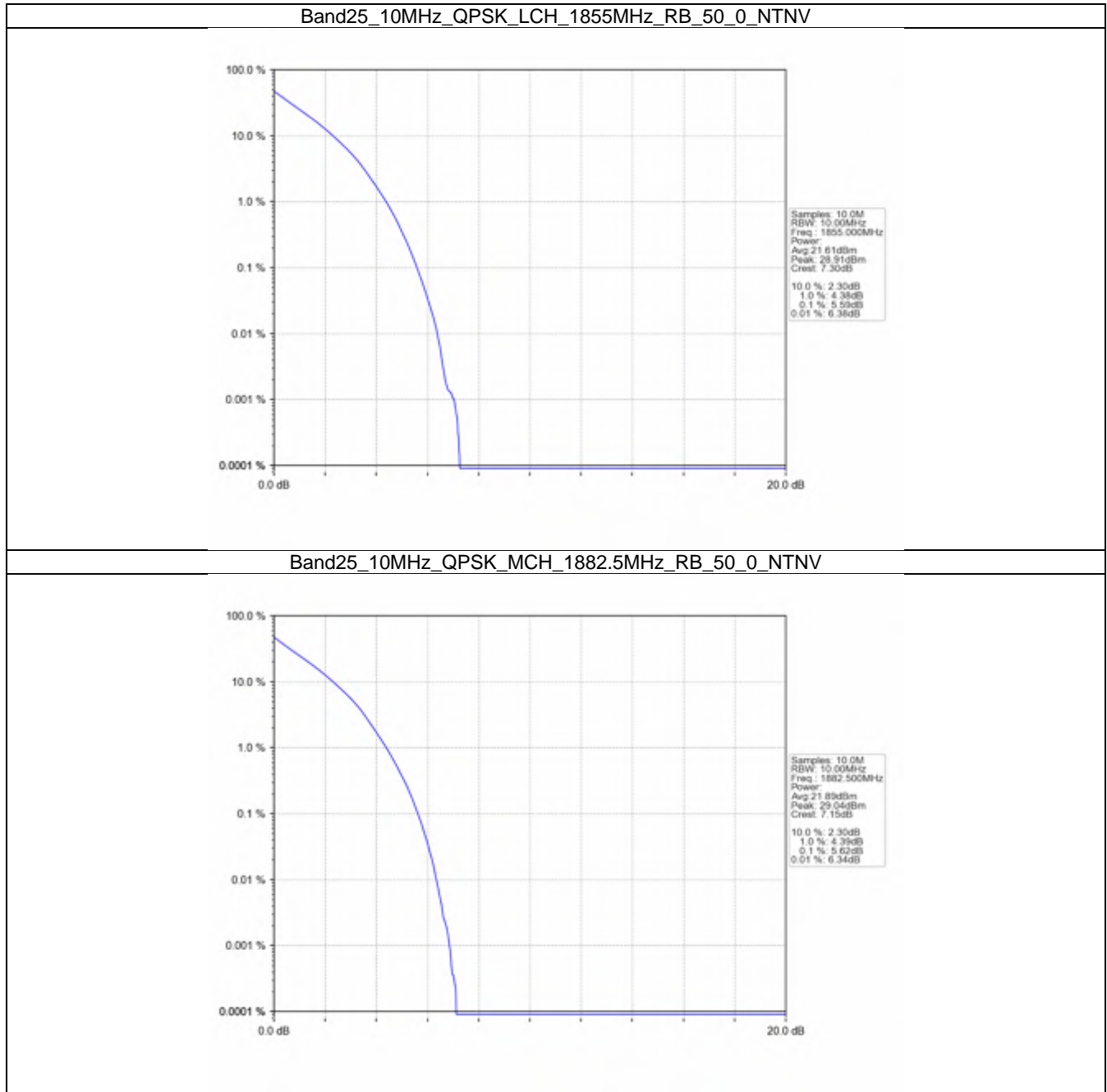
5.4 B25_10MHz

5.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTNV | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1855 | 50 | 0 | 5.59 | <=13 | Pass |
| | 1882.5 | 50 | 0 | 5.62 | <=13 | Pass |
| | 1910 | 50 | 0 | 5.47 | <=13 | Pass |
| 16QAM | 1855 | 50 | 0 | 6.35 | <=13 | Pass |
| | 1882.5 | 50 | 0 | 6.39 | <=13 | Pass |
| | 1910 | 50 | 0 | 6.26 | <=13 | Pass |
| 64QAM | 1855 | 50 | 0 | 6.53 | <=13 | Pass |
| | 1882.5 | 50 | 0 | 6.60 | <=13 | Pass |
| | 1910 | 50 | 0 | 6.47 | <=13 | Pass |

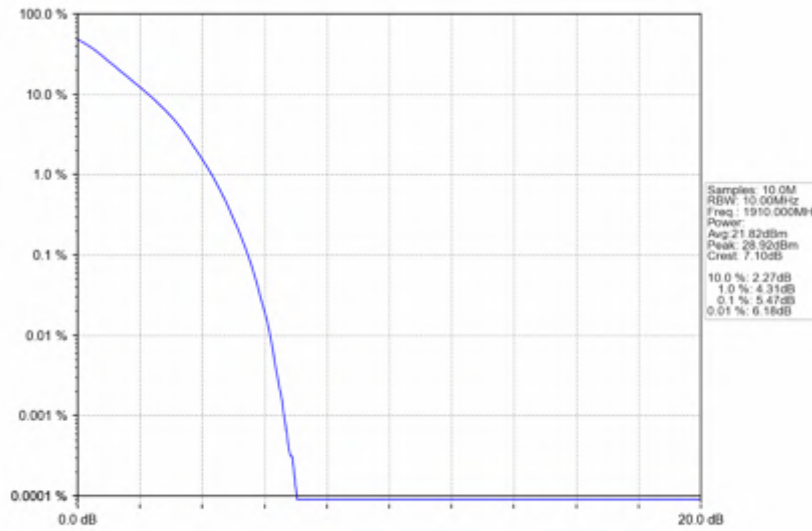


5.4.2 Test Graph

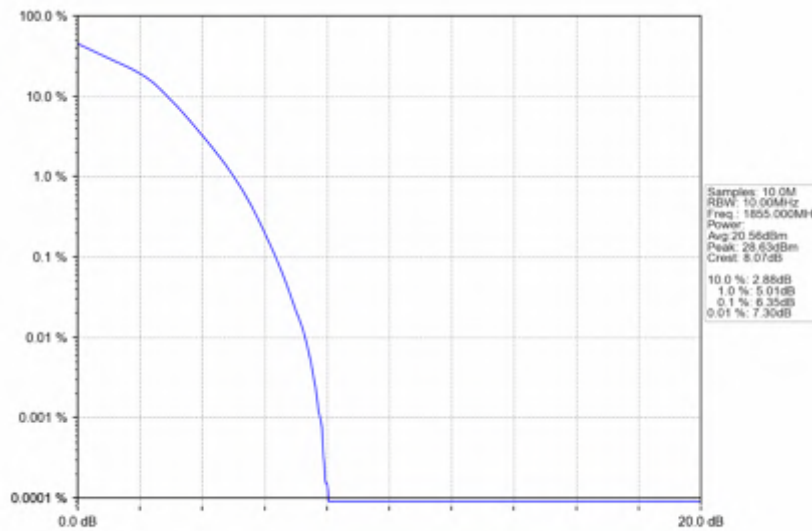




Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

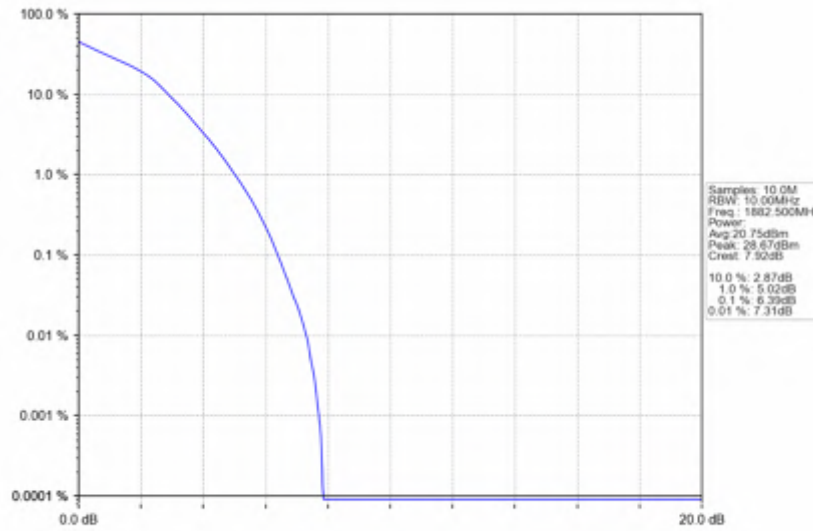


Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

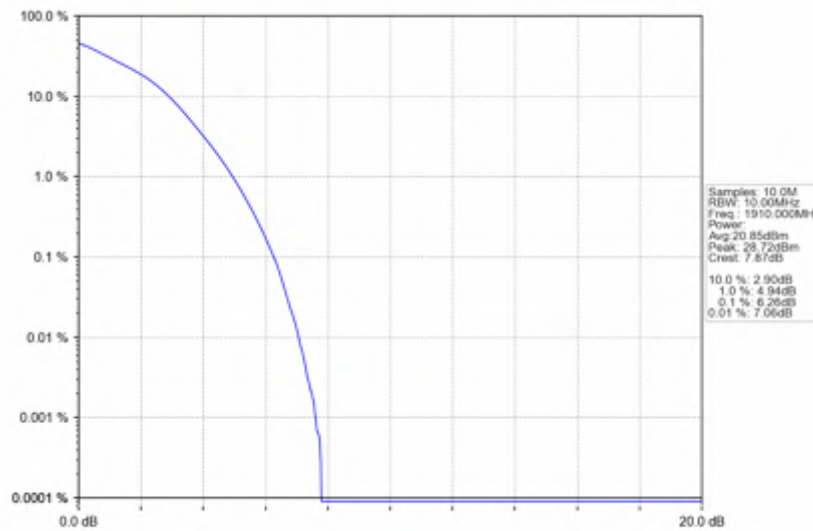




Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

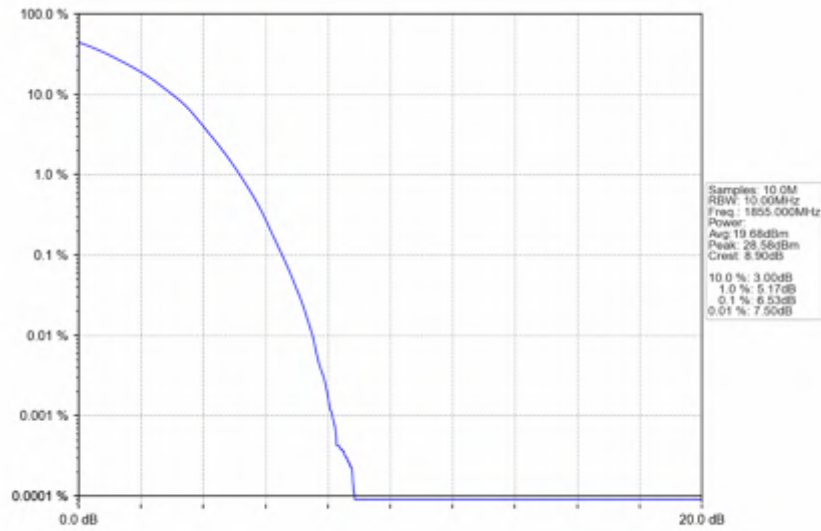


Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

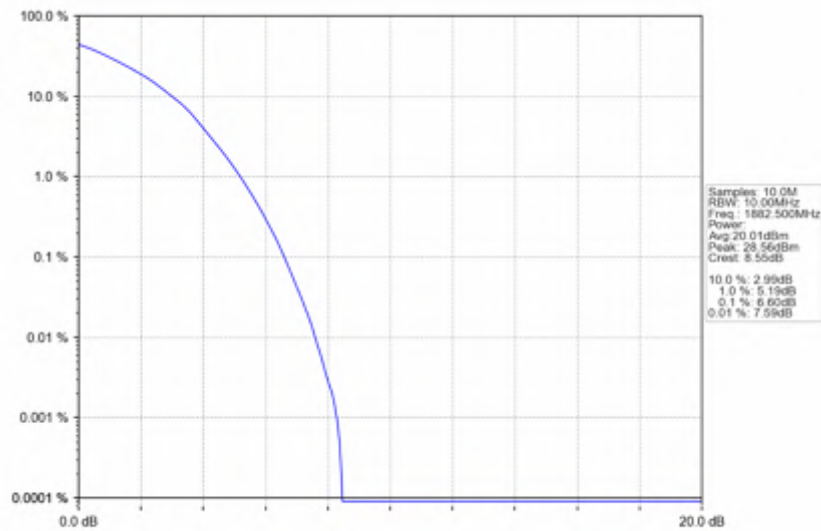




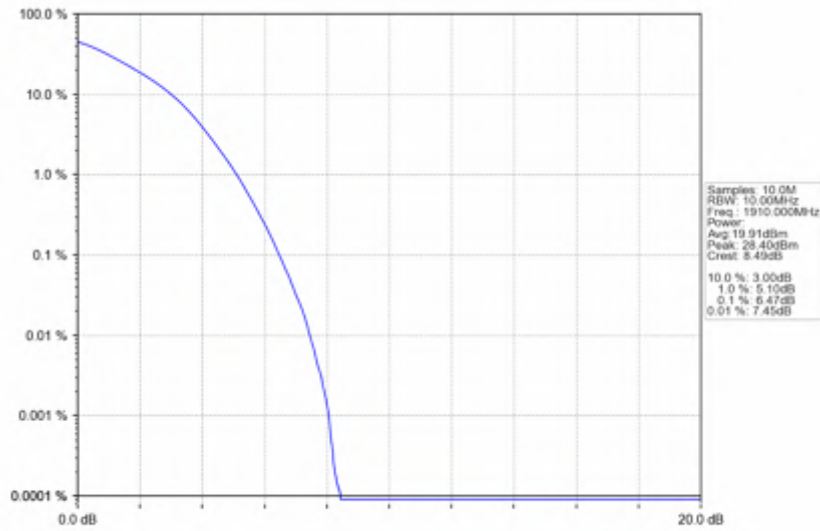
Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV





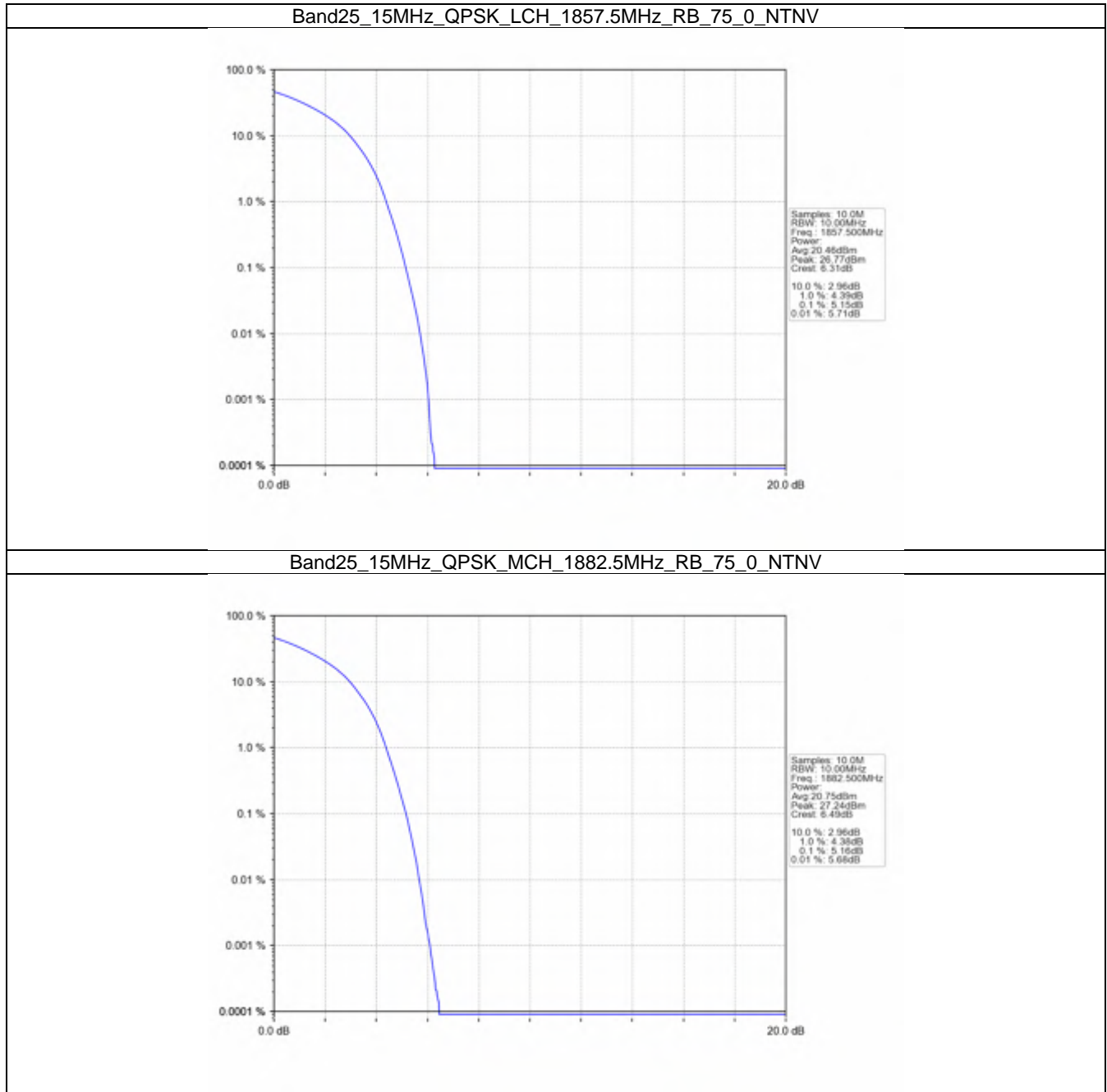
5.5 B25_15MHz

5.5.1 Test Result

| Band: 25 / Bandwidth: 15MHz / NTNV | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1857.5 | 75 | 0 | 5.15 | <=13 | Pass |
| | 1882.5 | 75 | 0 | 5.16 | <=13 | Pass |
| | 1907.5 | 75 | 0 | 5.19 | <=13 | Pass |
| 16QAM | 1857.5 | 75 | 0 | 6.33 | <=13 | Pass |
| | 1882.5 | 75 | 0 | 6.31 | <=13 | Pass |
| | 1907.5 | 75 | 0 | 6.37 | <=13 | Pass |
| 64QAM | 1857.5 | 75 | 0 | 6.56 | <=13 | Pass |
| | 1882.5 | 75 | 0 | 6.57 | <=13 | Pass |
| | 1907.5 | 75 | 0 | 6.59 | <=13 | Pass |

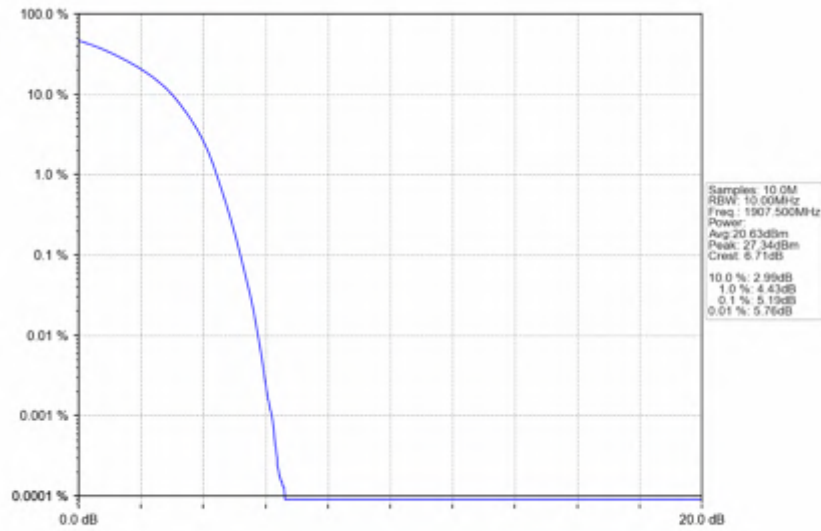


5.5.2 Test Graph

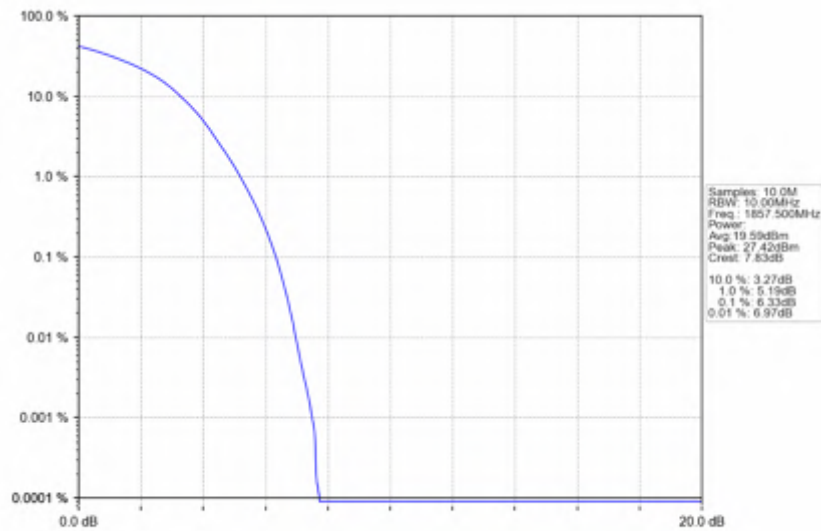




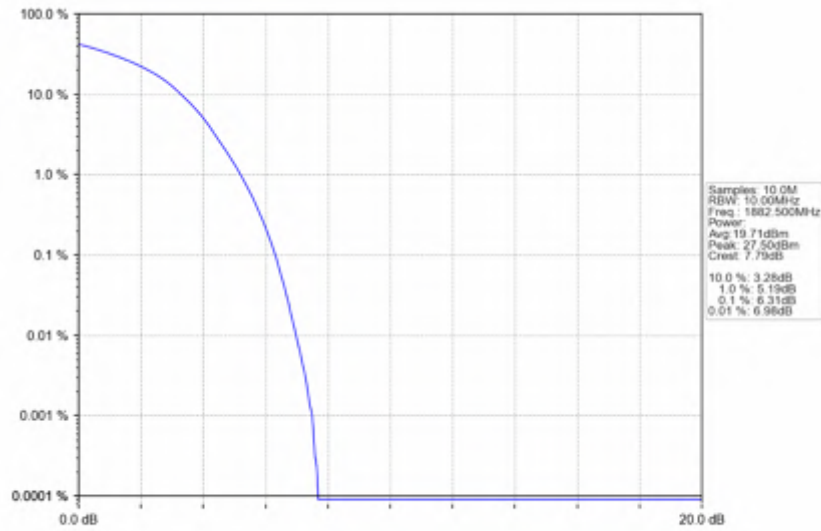
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



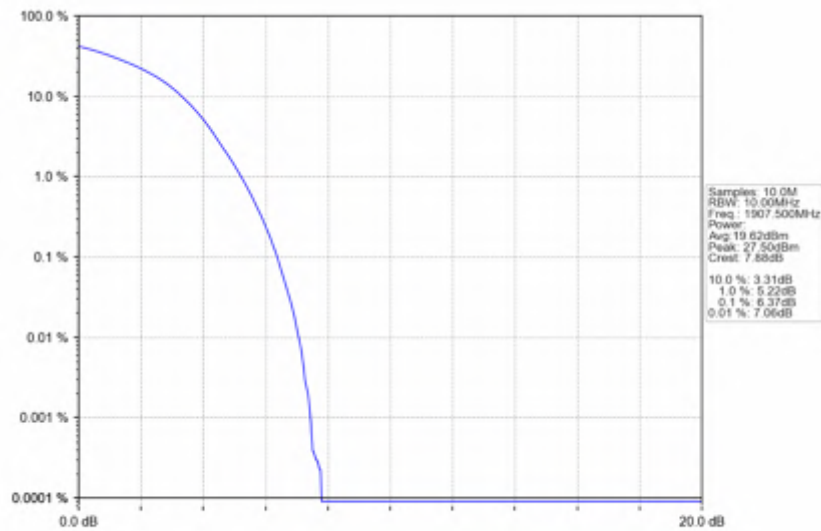
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

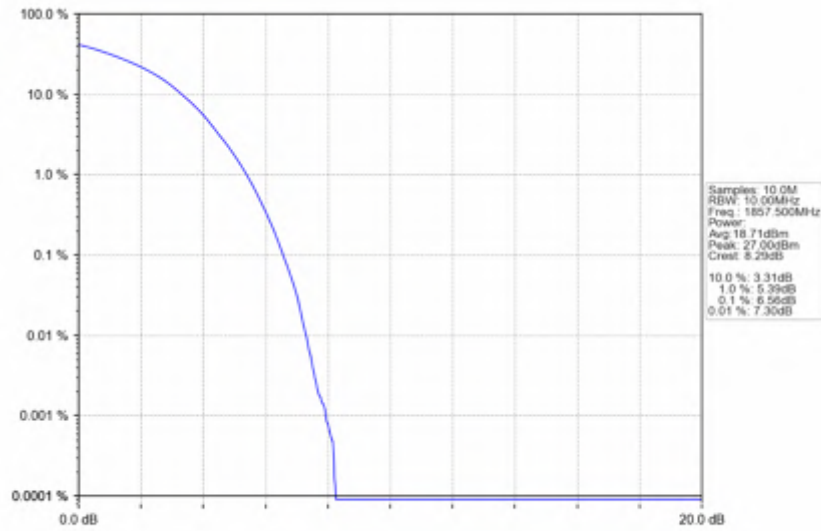


Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

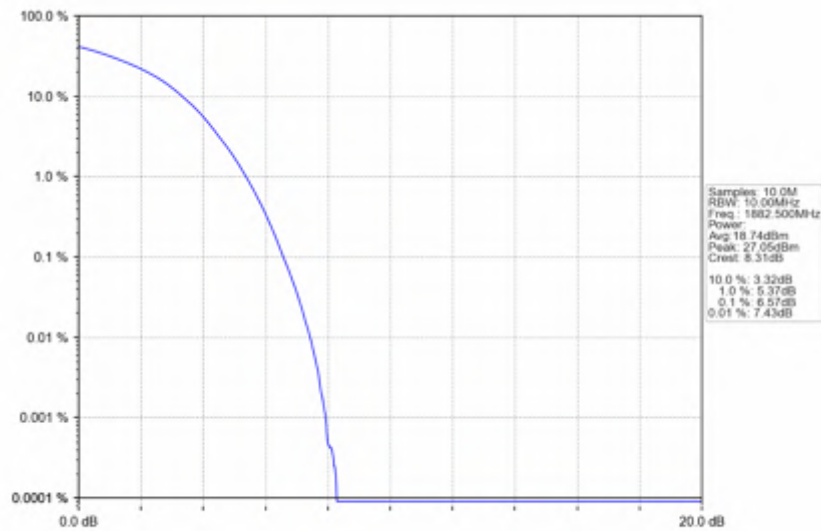




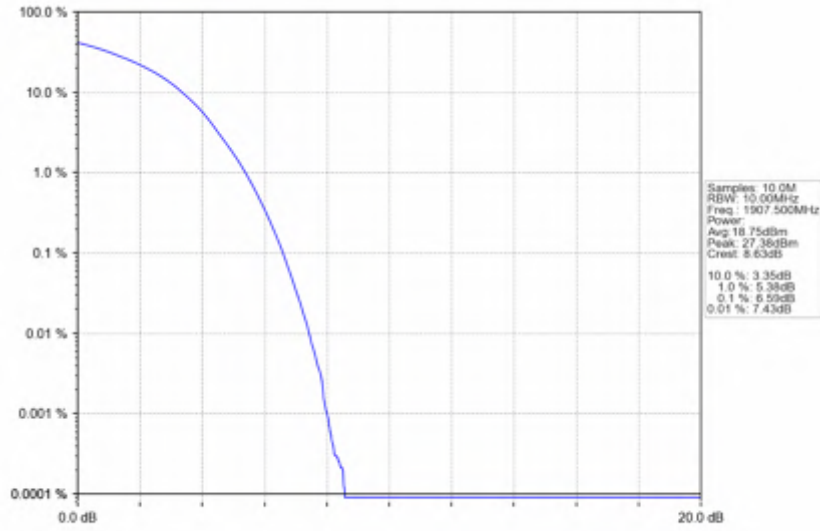
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV





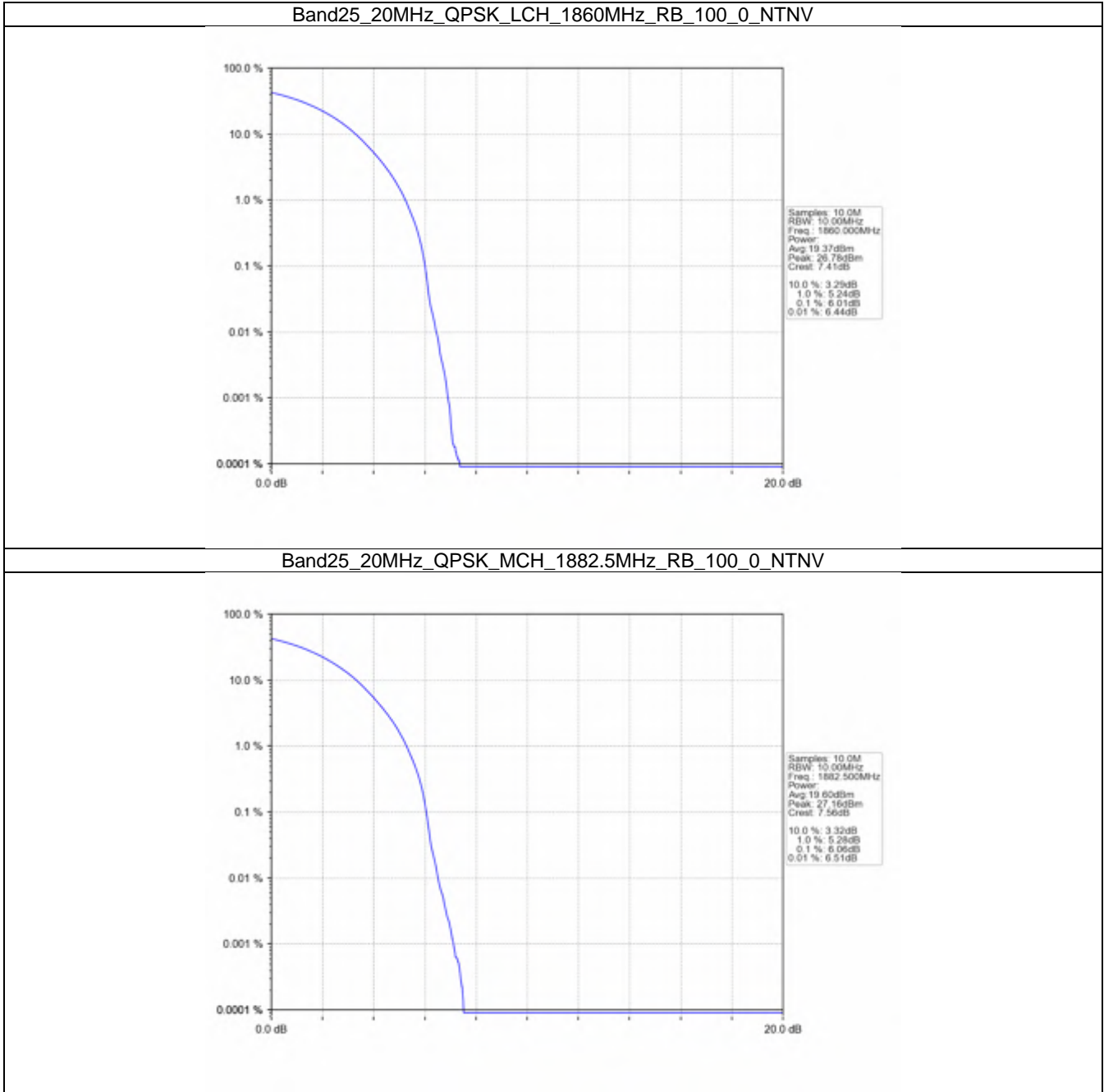
5.6 B25_20MHz

5.6.1 Test Result

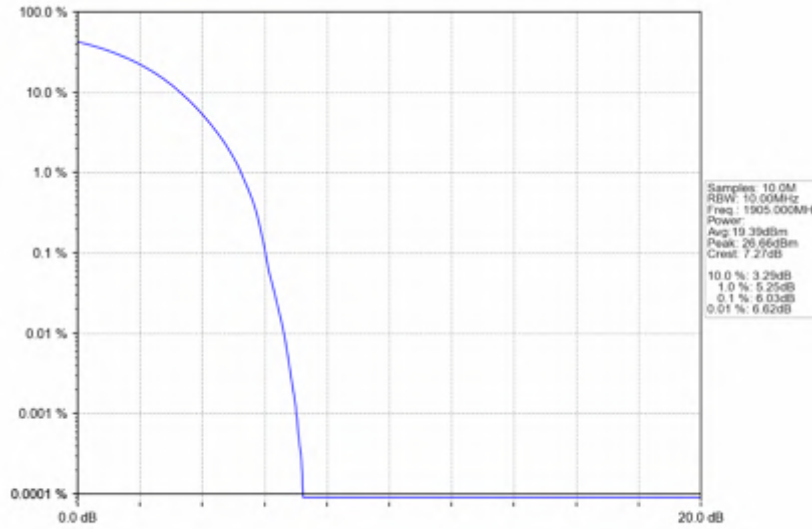
| Band: 25 / Bandwidth: 20MHz / NTNV | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1860 | 100 | 0 | 6.01 | <=13 | Pass |
| | 1882.5 | 100 | 0 | 6.06 | <=13 | Pass |
| | 1905 | 100 | 0 | 6.03 | <=13 | Pass |
| 16QAM | 1860 | 100 | 0 | 6.82 | <=13 | Pass |
| | 1882.5 | 100 | 0 | 6.79 | <=13 | Pass |
| | 1905 | 100 | 0 | 6.83 | <=13 | Pass |
| 64QAM | 1860 | 100 | 0 | 6.96 | <=13 | Pass |
| | 1882.5 | 100 | 0 | 7.04 | <=13 | Pass |
| | 1905 | 100 | 0 | 7.02 | <=13 | Pass |



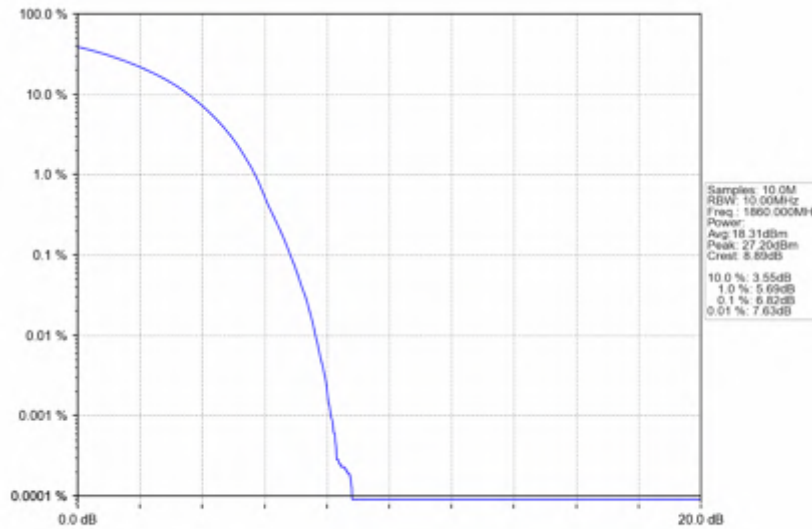
5.6.2 Test Graph



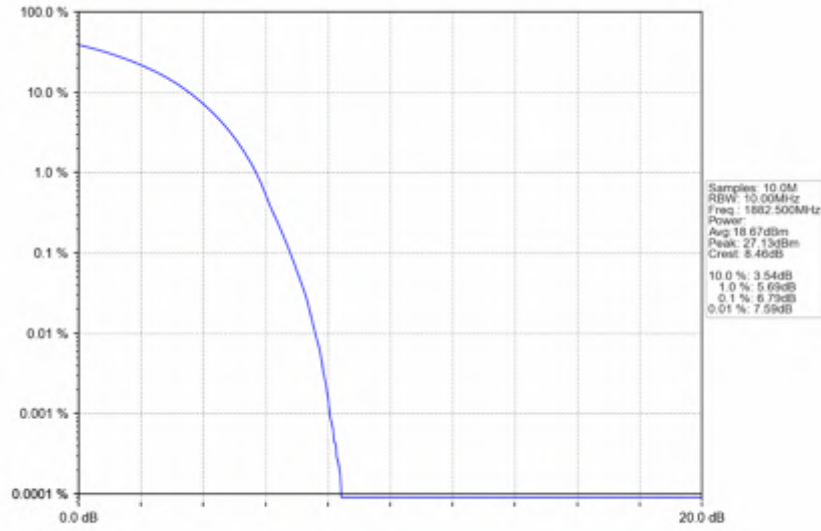
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



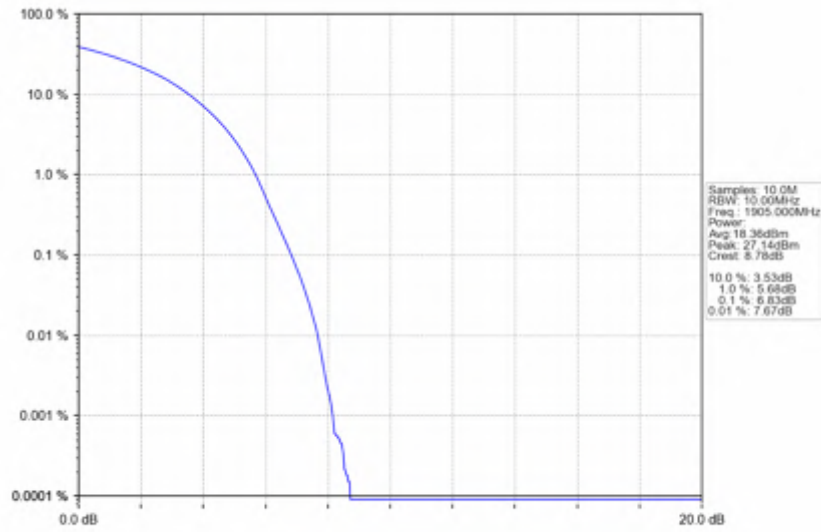
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

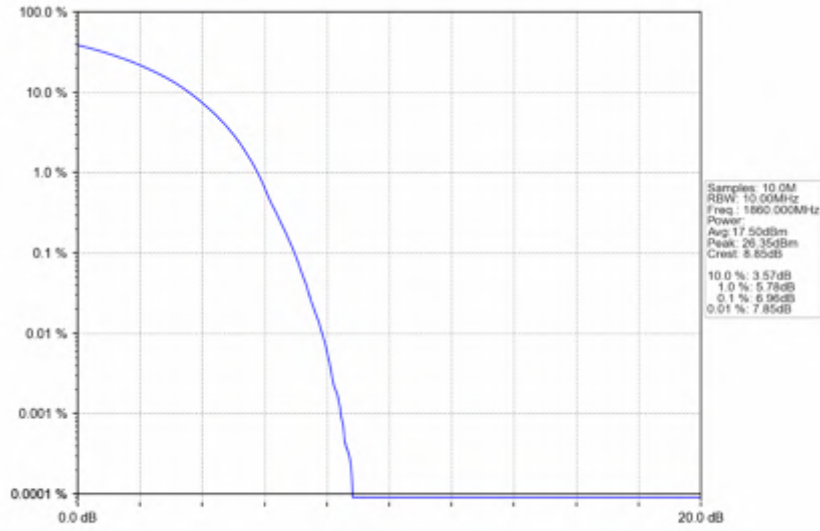


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

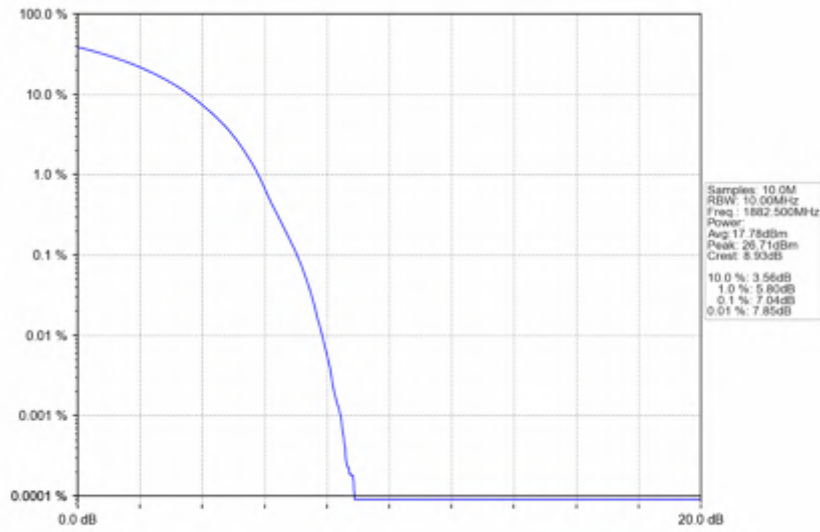




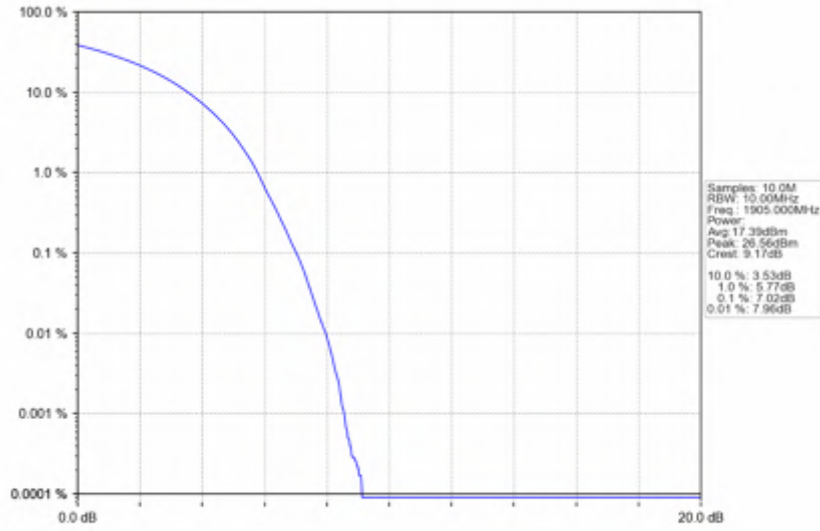
Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV





6. Spurious Emission

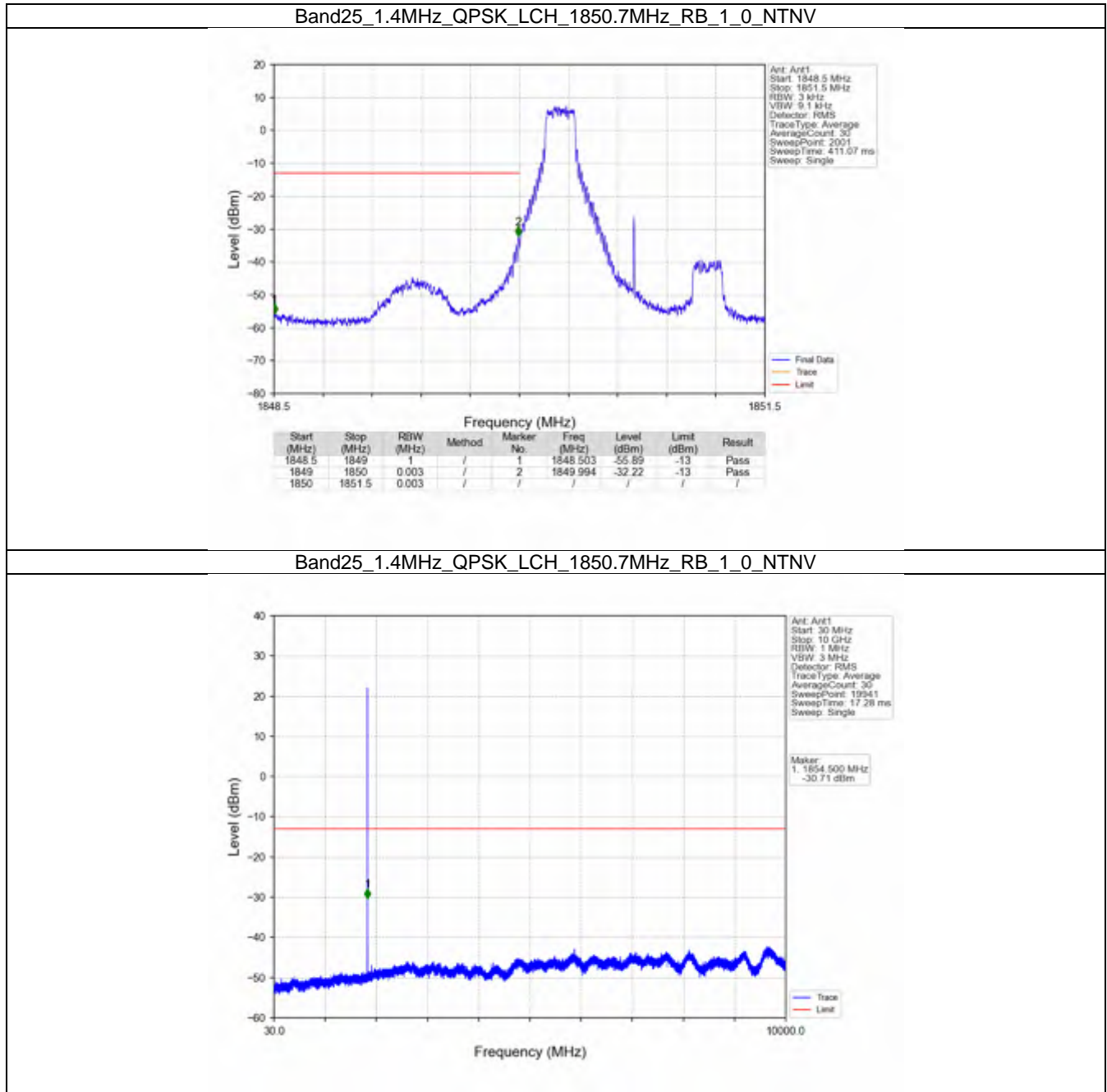
6.1 B25_1.4MHz

6.1.1 Test Result

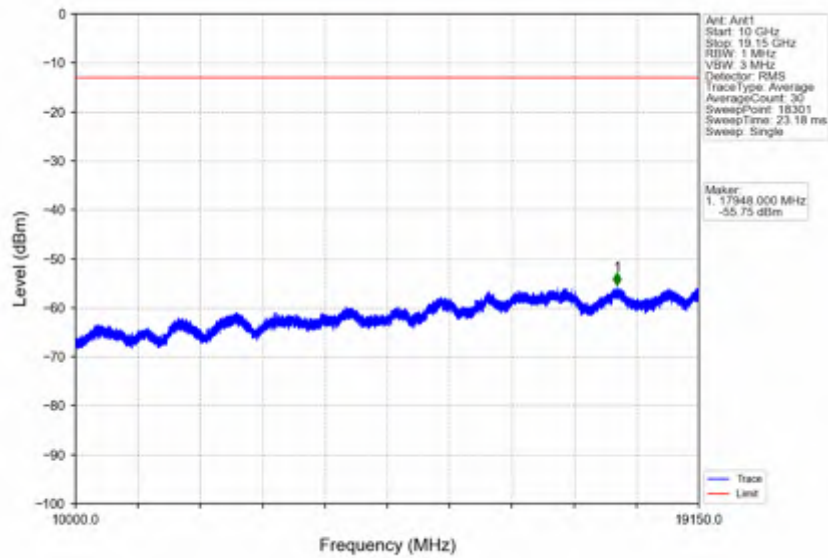
| Band: 25 / Bandwidth: 1.4MHz / NTN | | | | | | | |
|------------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict | |
| | | Size | Offset | Result | Limit | | |
| QPSK | 1850.7 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 6 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1914.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass | |
| 16QAM | 1850.7 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 6 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1914.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass | |
| 64QAM | 1850.7 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 6 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1914.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass | |



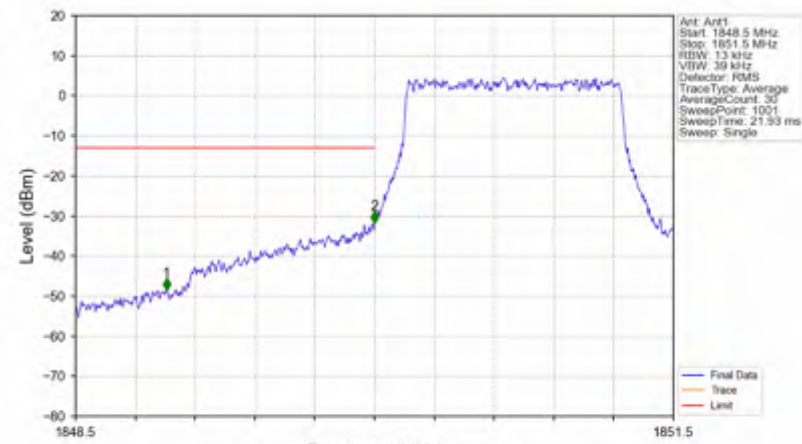
6.1.2 Test Graph



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

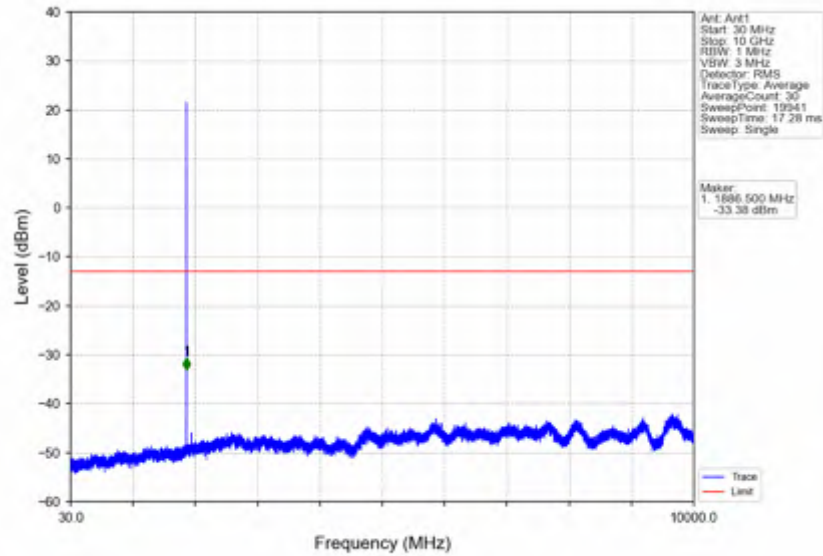


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

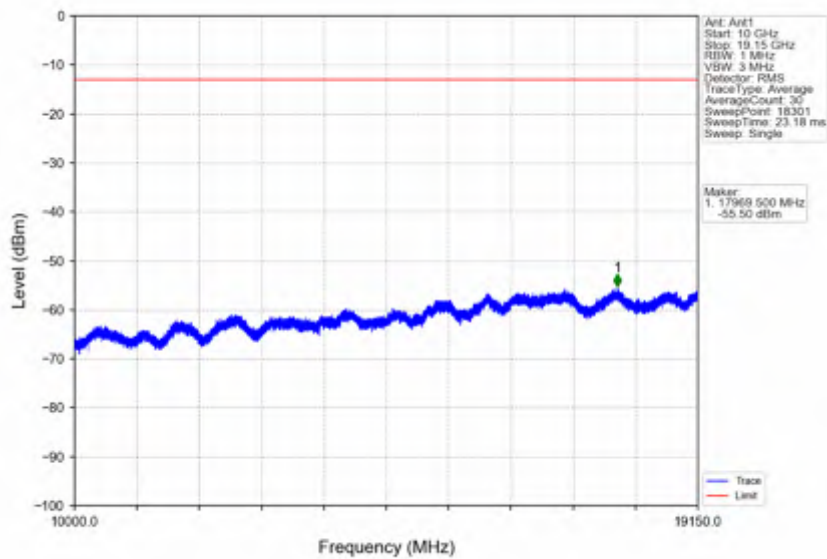


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5 | 1849 | 1 | / | 1 | 1848.566 | -48.56 | -13 | Pass |
| 1849 | 1850 | 0.013 | / | 2 | 1850.000 | -31.80 | -13 | Pass |
| 1850 | 1851.5 | 0.013 | / | / | / | / | / | / |

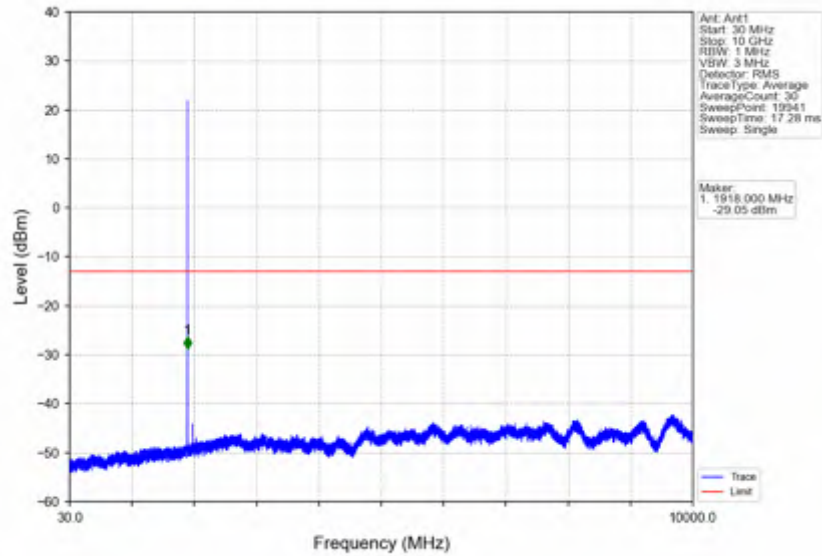
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



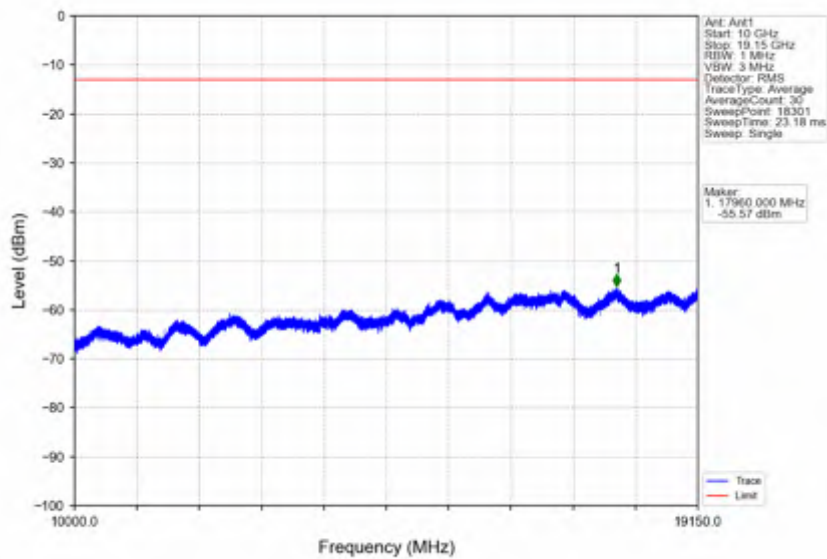
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



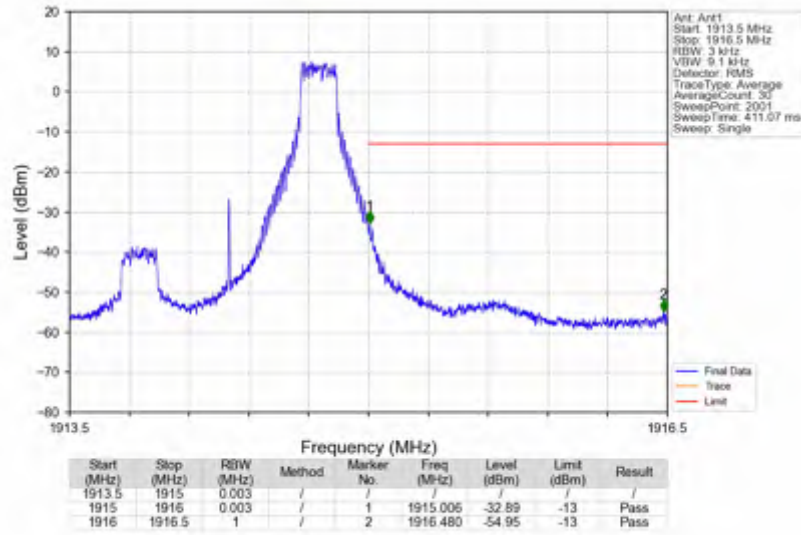
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



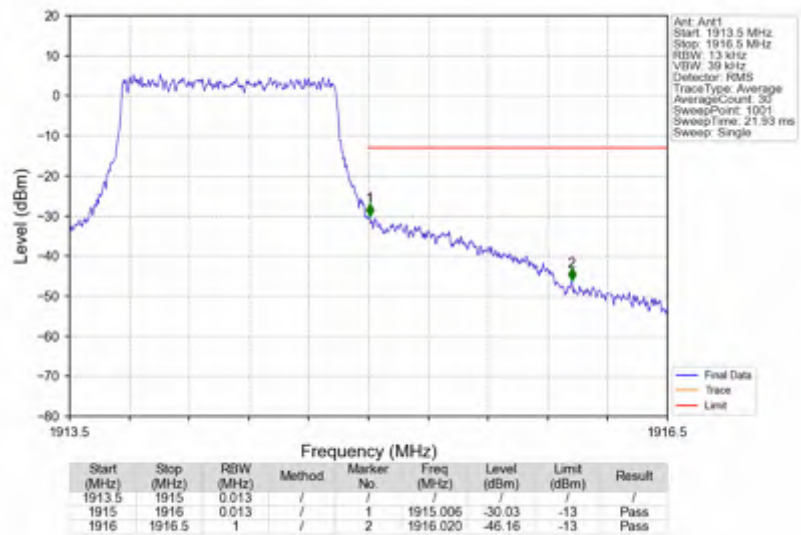
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



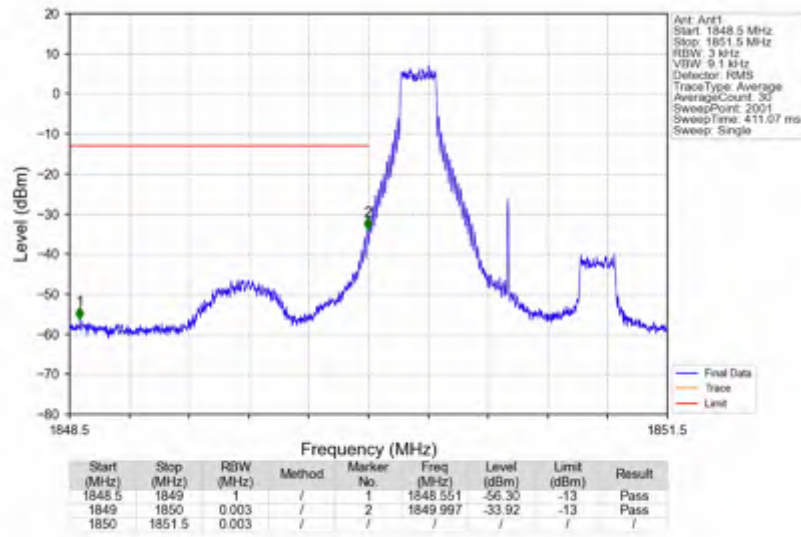
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



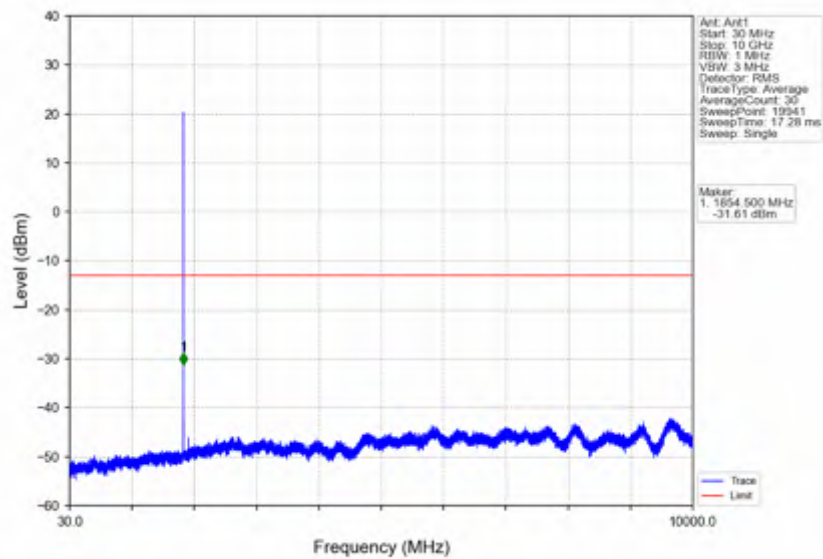
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



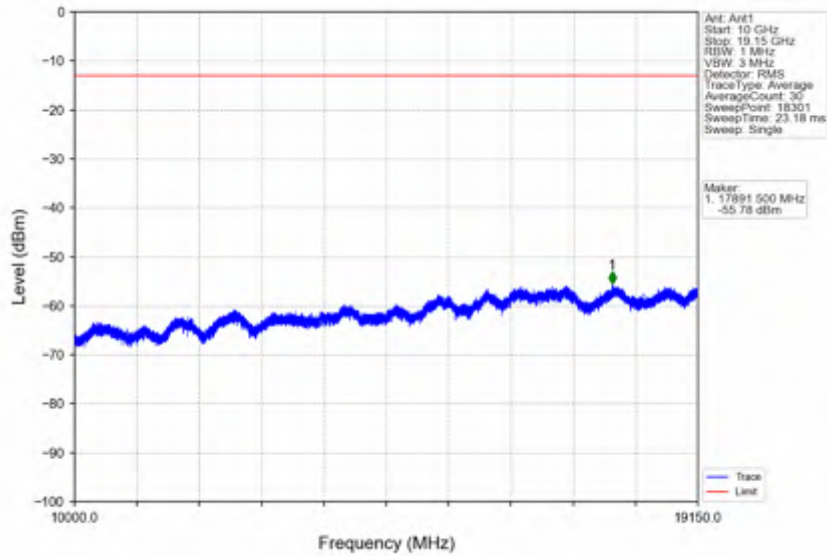
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



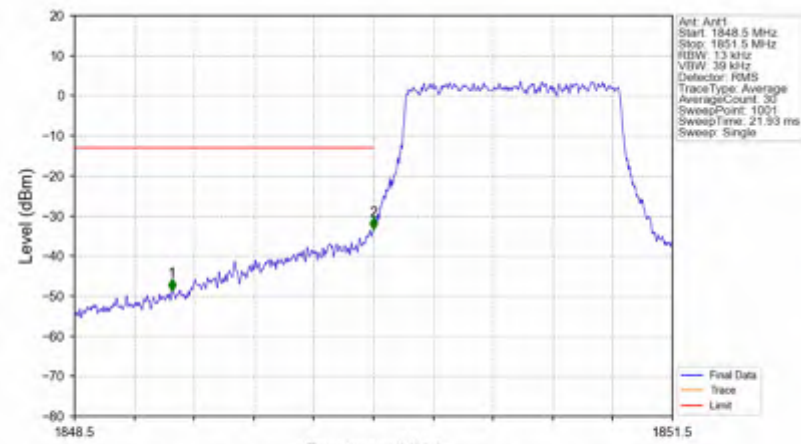
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

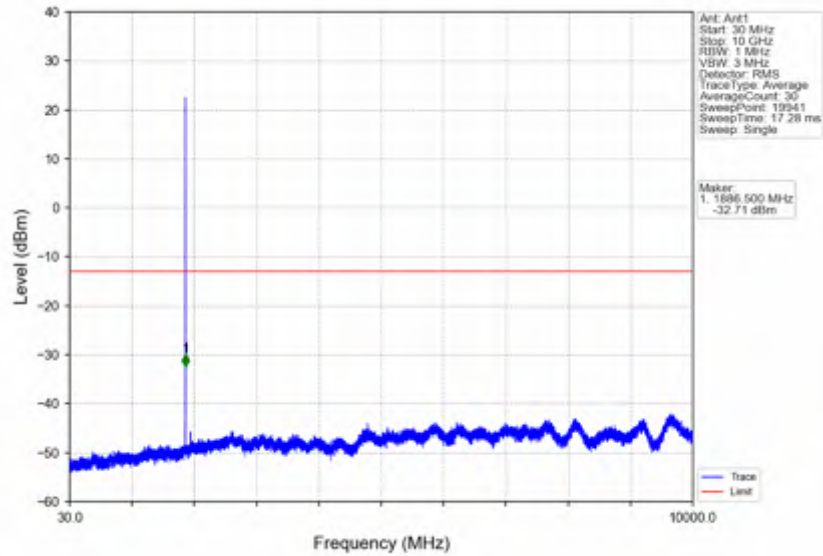


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

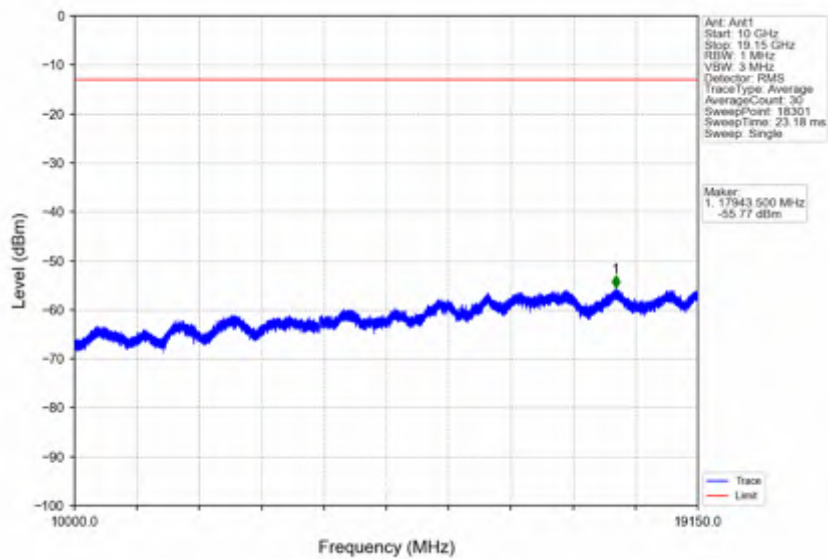


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5 | 1849 | 1 | / | 1 | 1848.589 | -48.70 | -13 | Pass |
| 1849 | 1850 | 0.013 | / | 2 | 1850.000 | -33.50 | -13 | Pass |
| 1850 | 1851.5 | 0.013 | / | / | / | / | / | / |

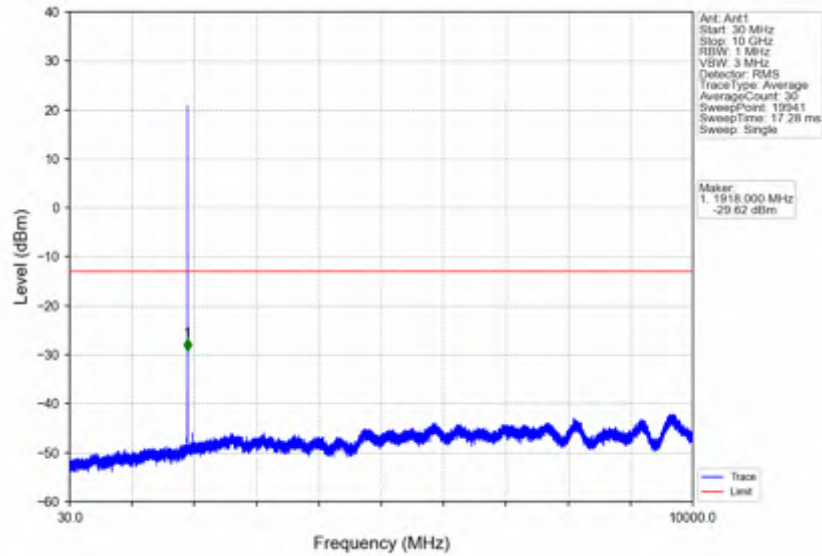
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



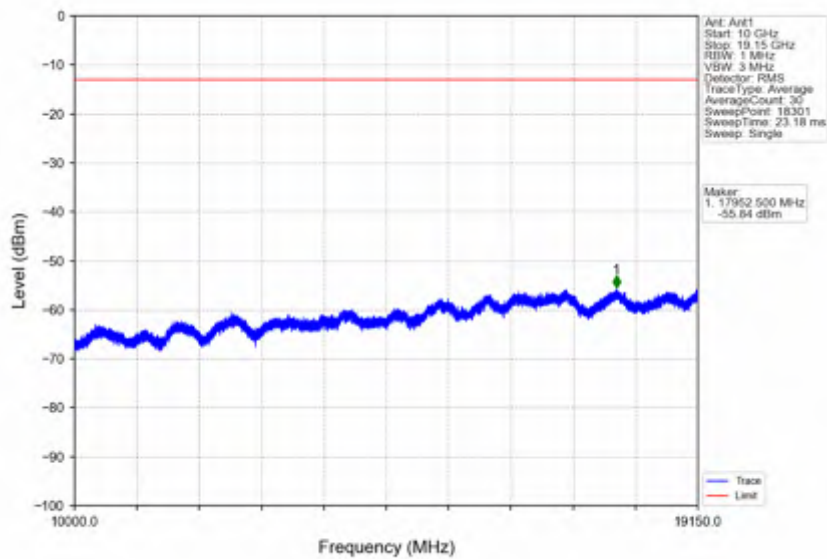
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



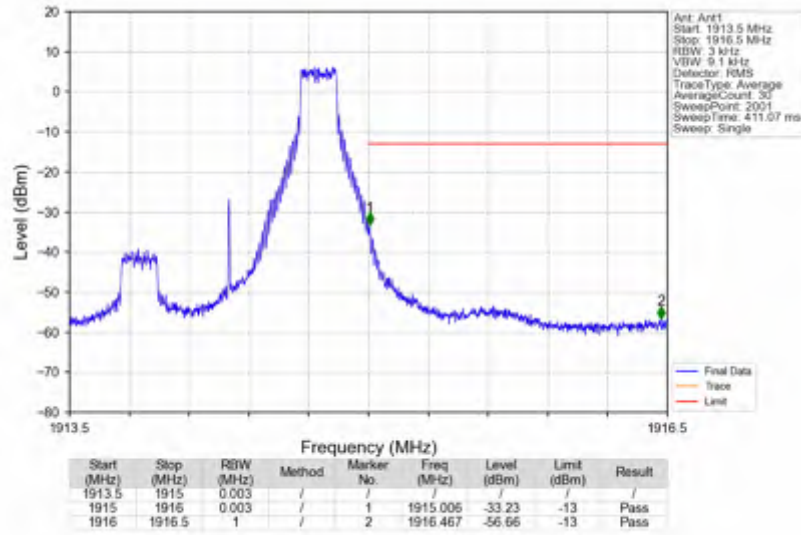
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



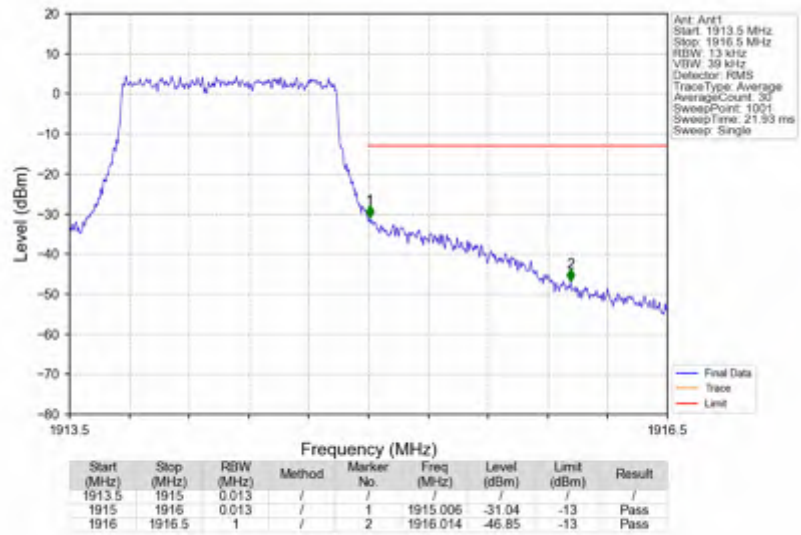
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



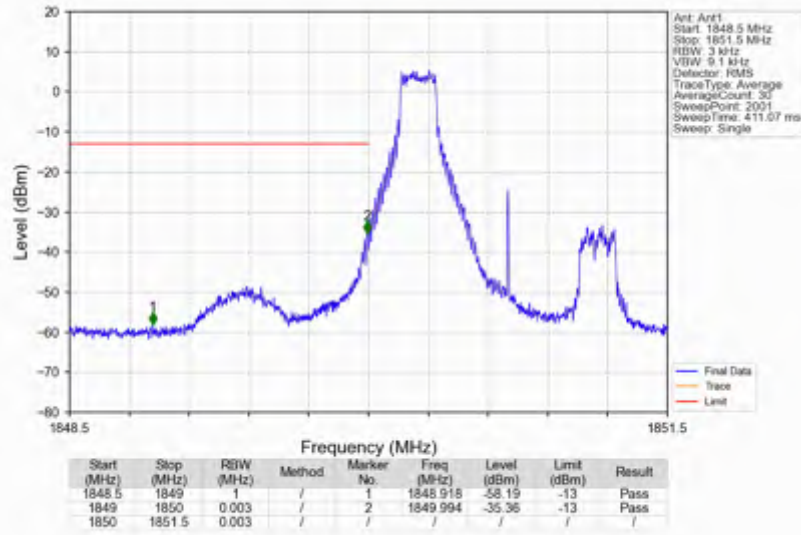
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



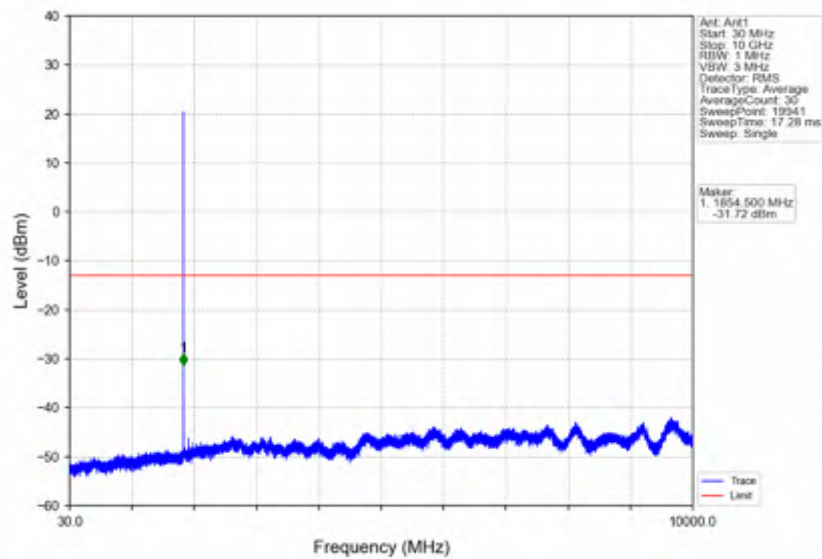
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



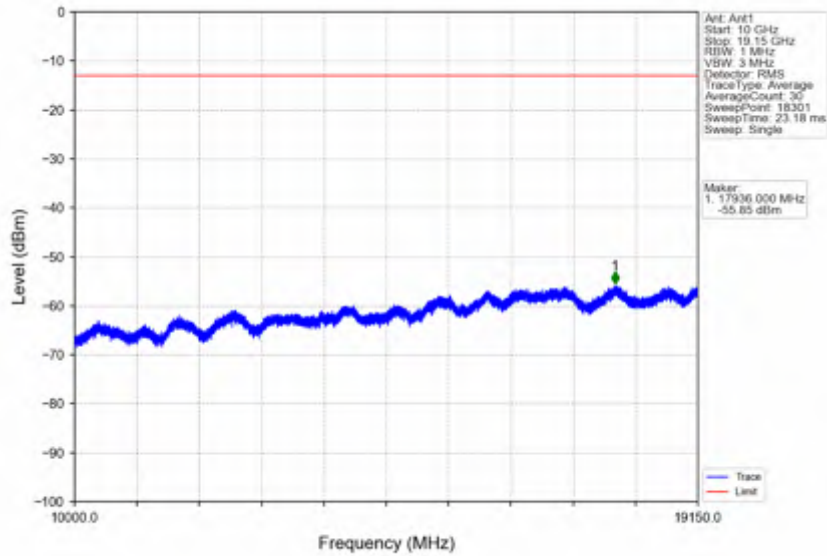
Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



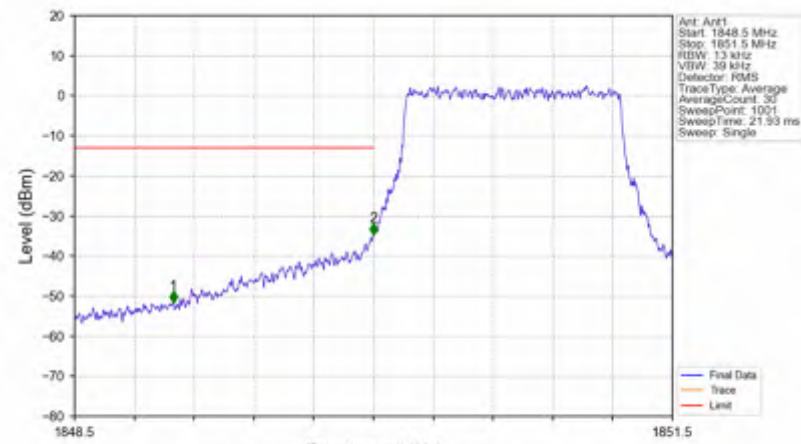
Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV

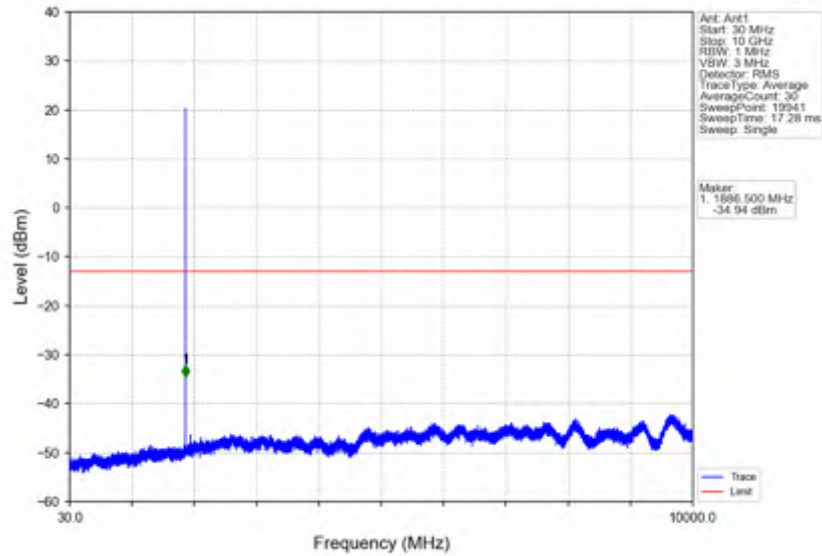


Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV

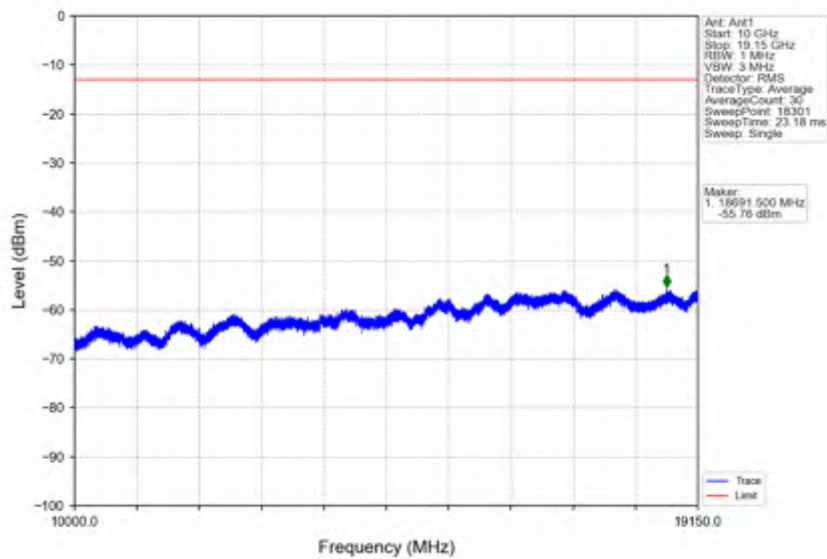


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5 | 1849 | 1 | / | 1 | 1848.995 | -51.78 | -13 | Pass |
| 1849 | 1850 | 0.013 | / | 2 | 1850.000 | -34.83 | -13 | Pass |
| 1850 | 1851.5 | 0.013 | / | / | / | / | / | / |

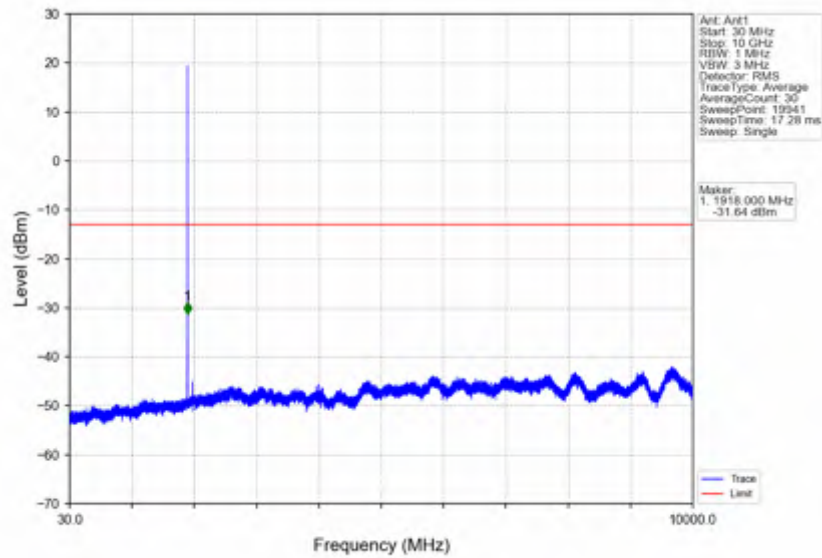
Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



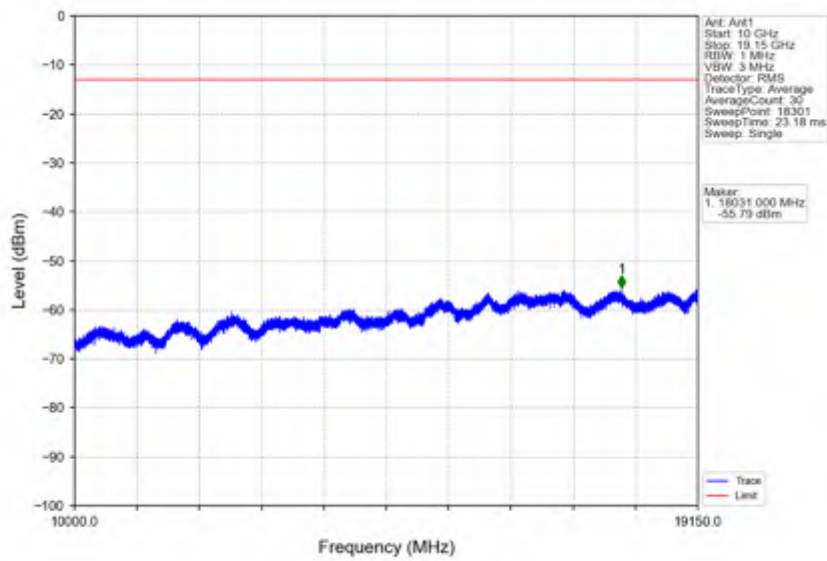
Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



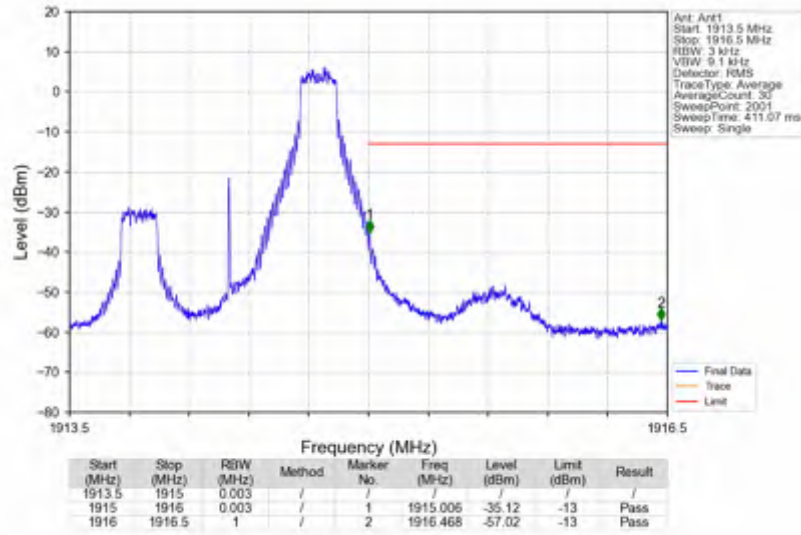
Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_1_0_NTNV



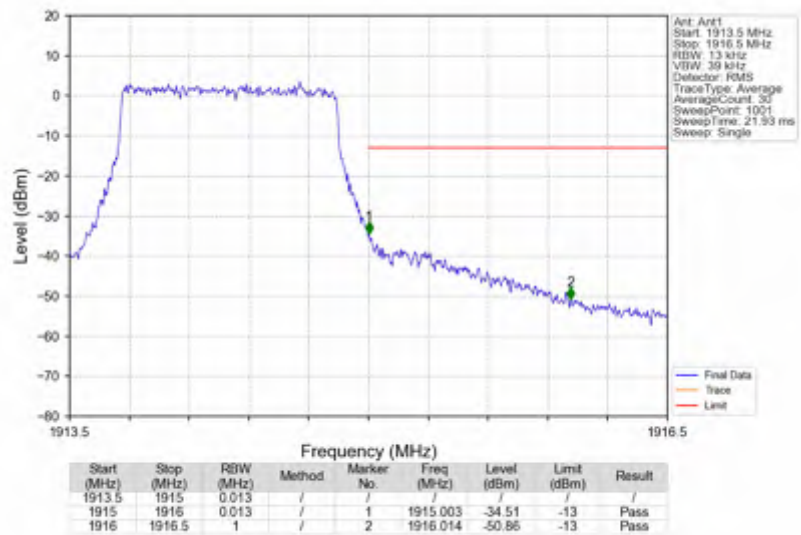
Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_1_5_NTNV



Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



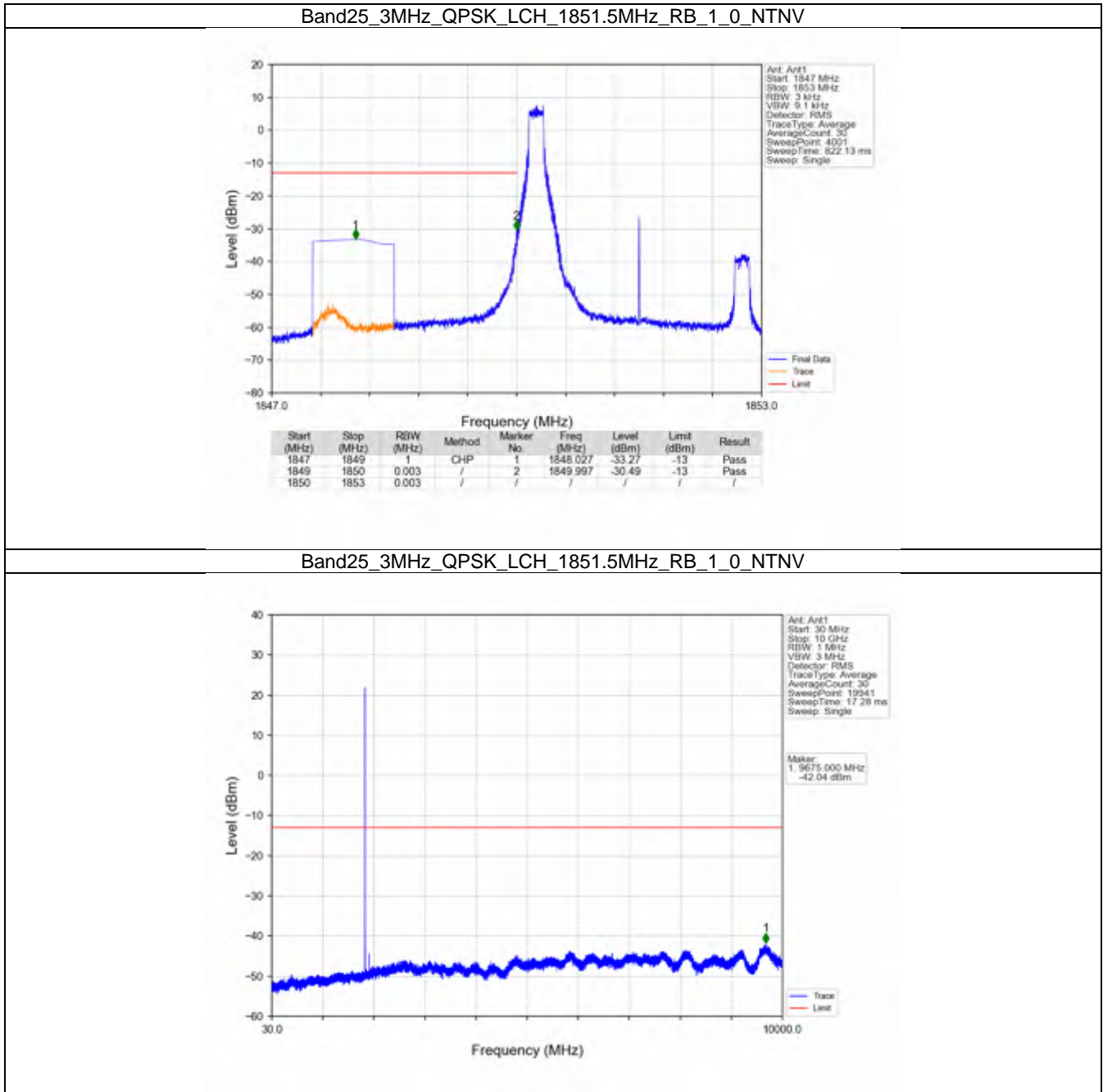


6.2 B25_3MHz

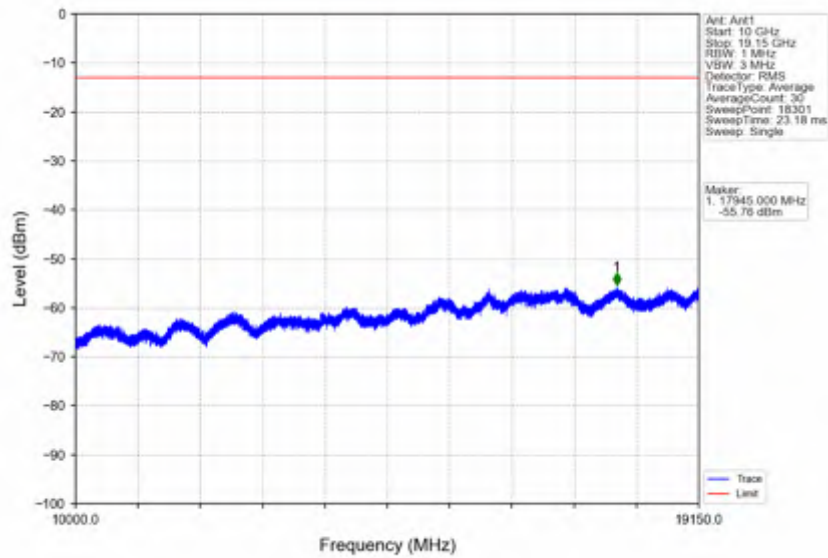
6.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTV | | | | | | |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1851.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 1913.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1851.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 1913.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 64QAM | 1851.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 1913.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |

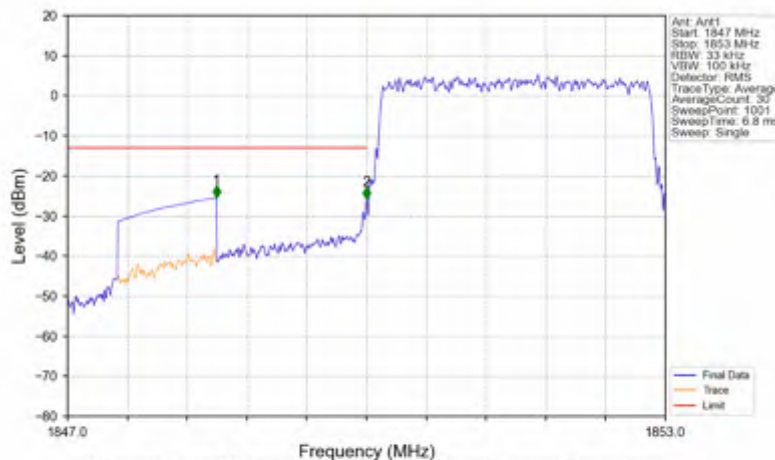
6.2.2 Test Graph



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

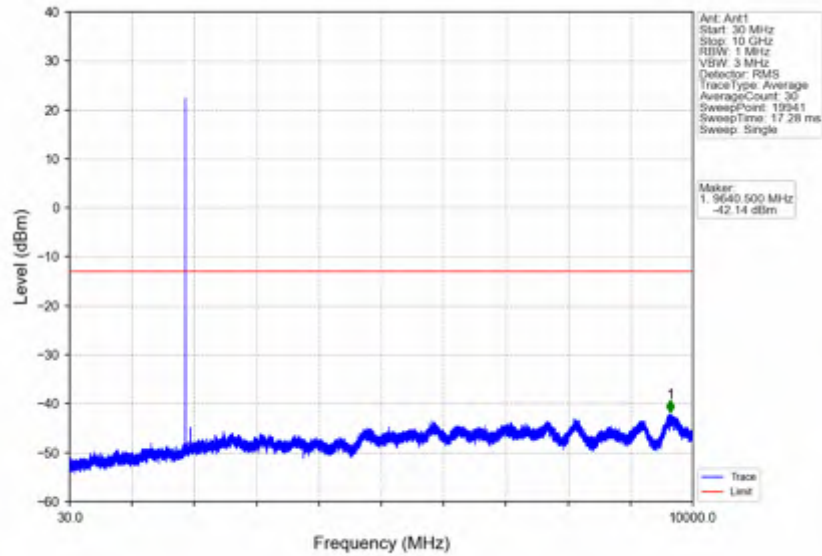


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

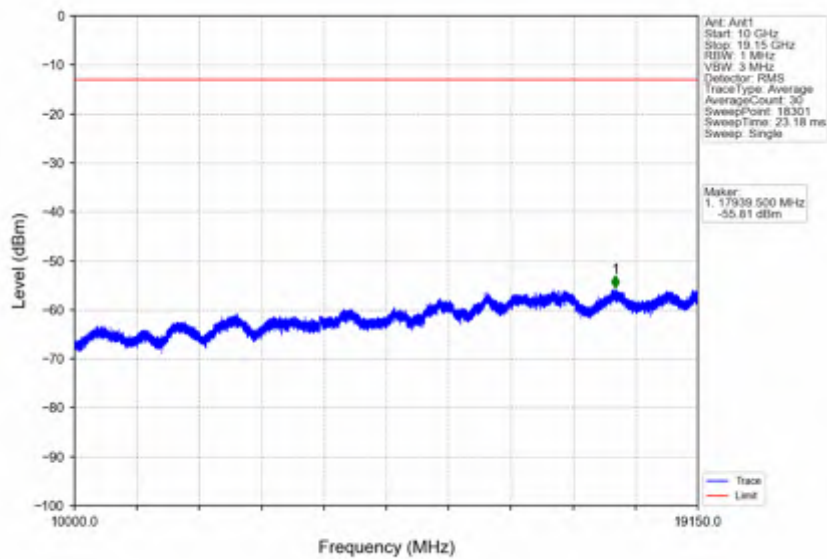


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847 | 1849 | 1 | CHP | 1 | 1848.494 | -25.51 | -13 | Pass |
| 1849 | 1850 | 0.033 | / | 2 | 1850.000 | -25.89 | -13 | Pass |
| 1850 | 1853 | 0.033 | / | / | / | / | / | / |

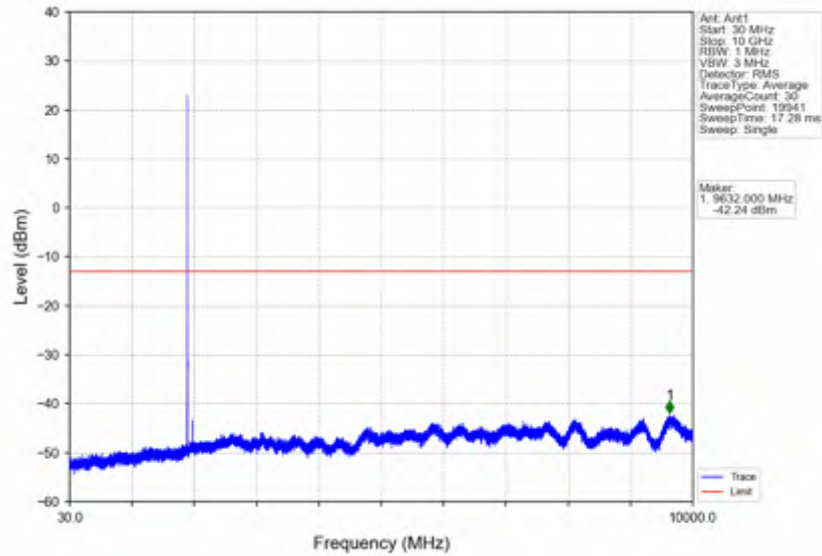
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



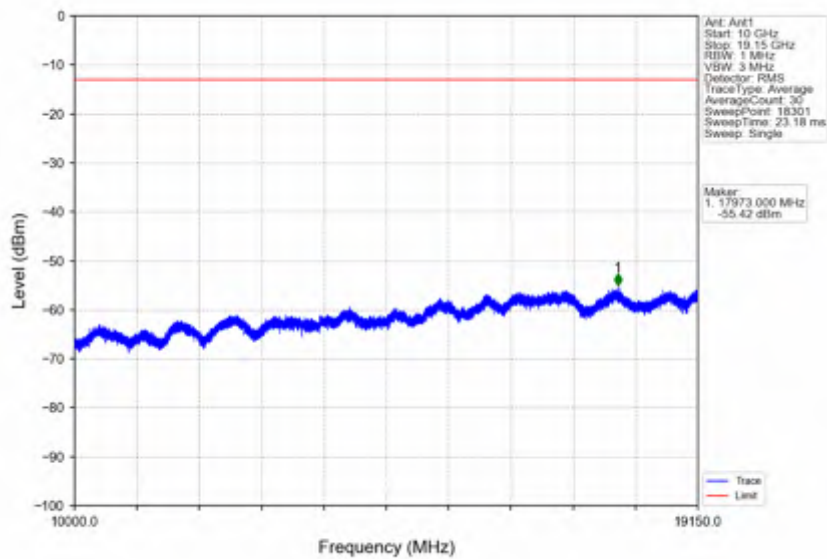
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



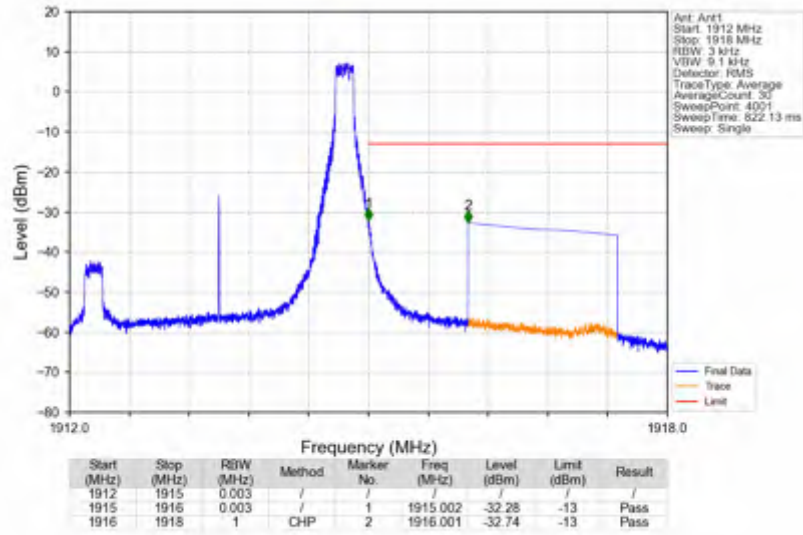
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



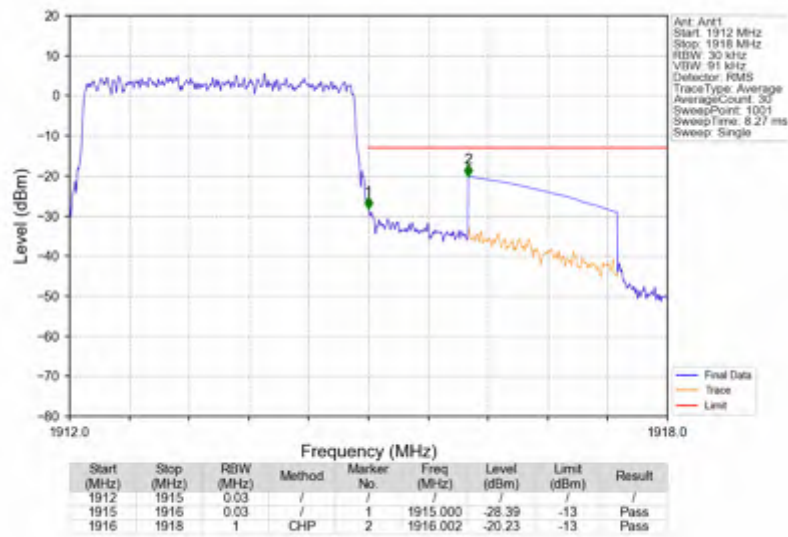
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



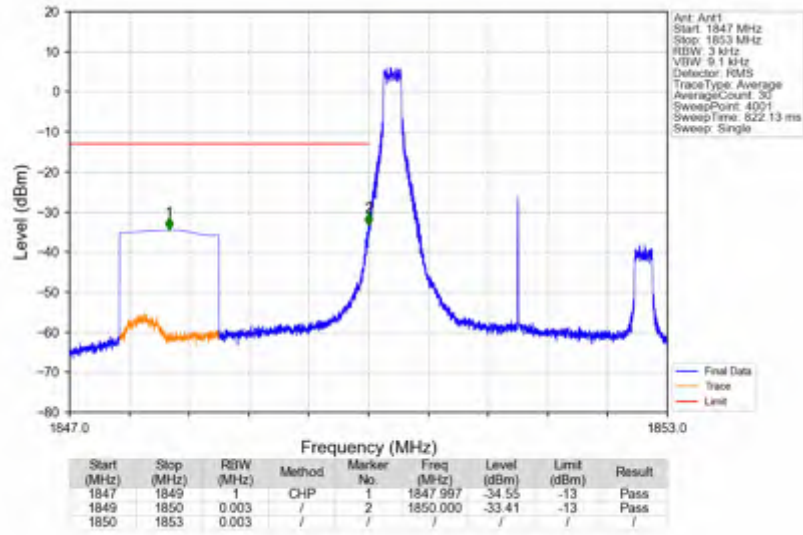
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



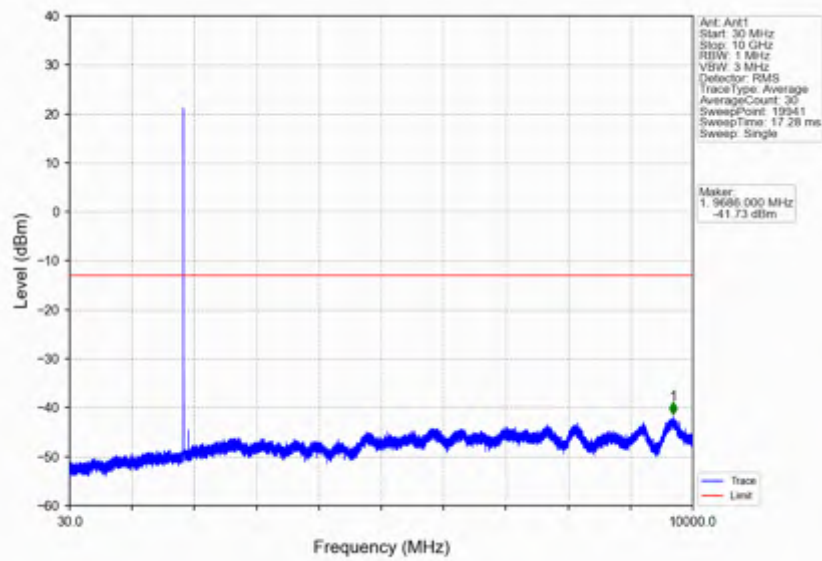
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



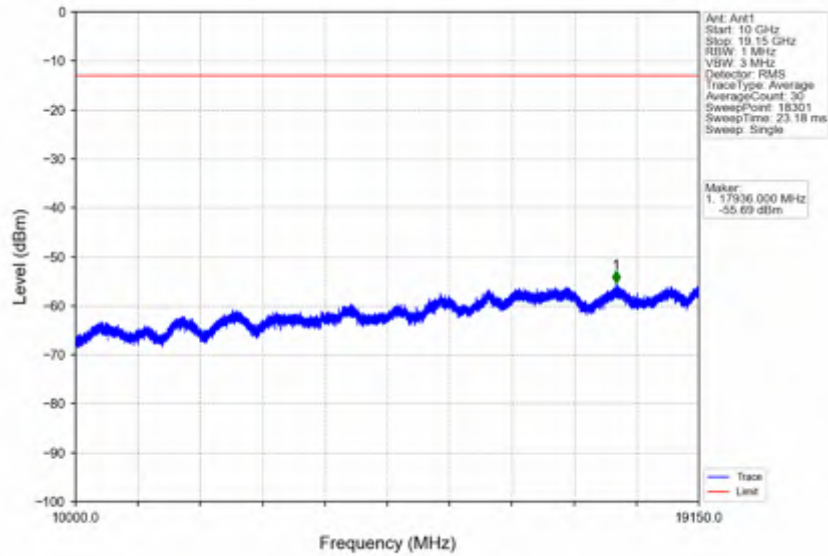
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



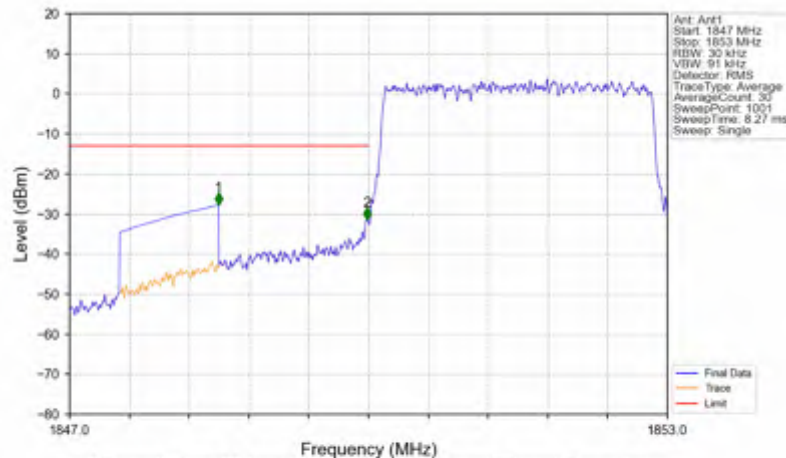
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

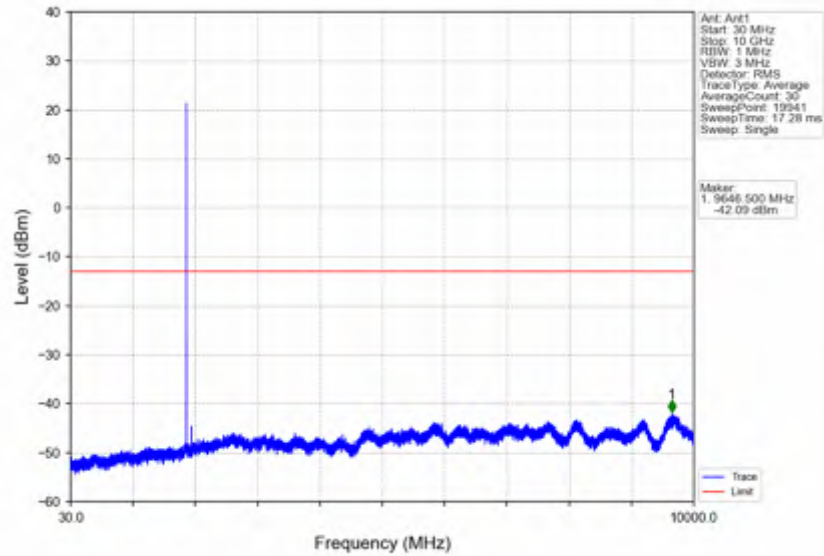


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

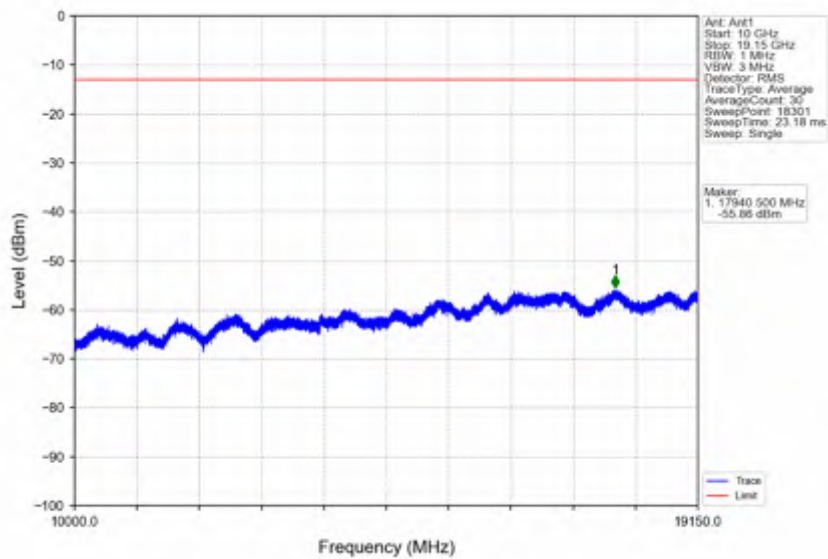


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847 | 1849 | 1 | CHP | 1 | 1848.494 | -27.79 | -13 | Pass |
| 1849 | 1850 | 0.03 | / | 2 | 1849.988 | -31.48 | -13 | Pass |
| 1850 | 1853 | 0.03 | / | / | / | / | / | / |

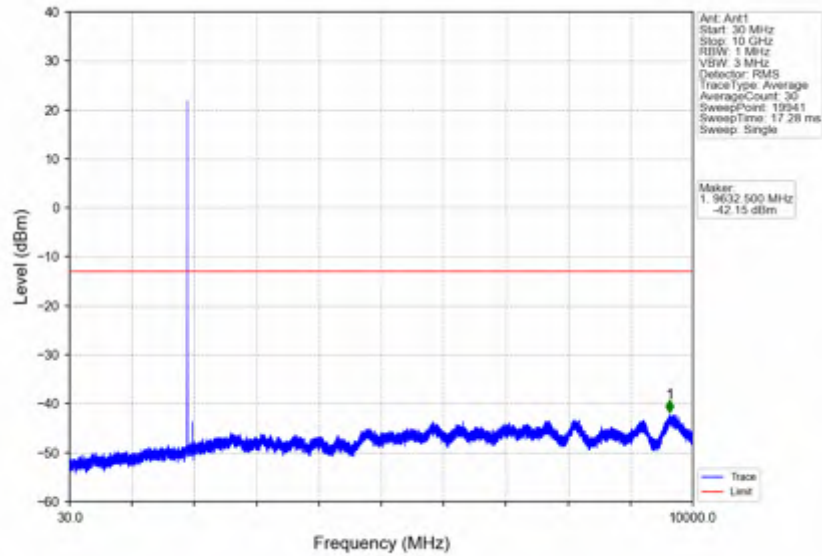
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



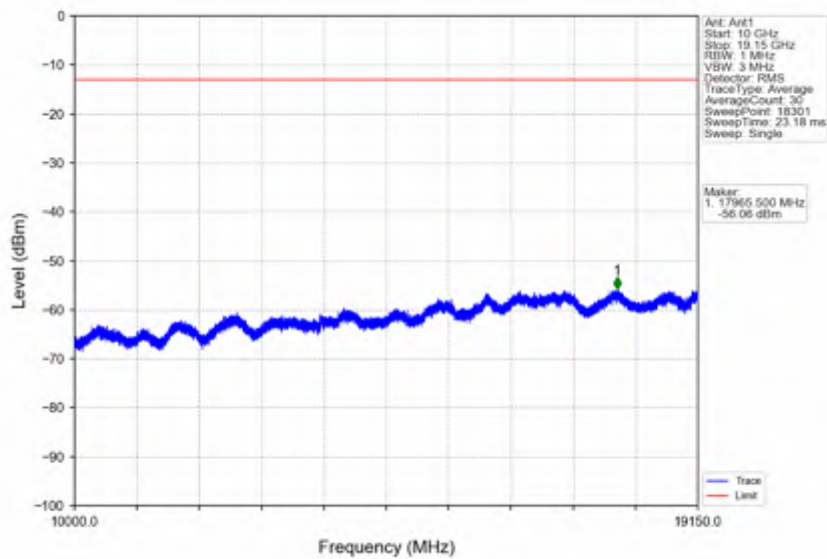
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



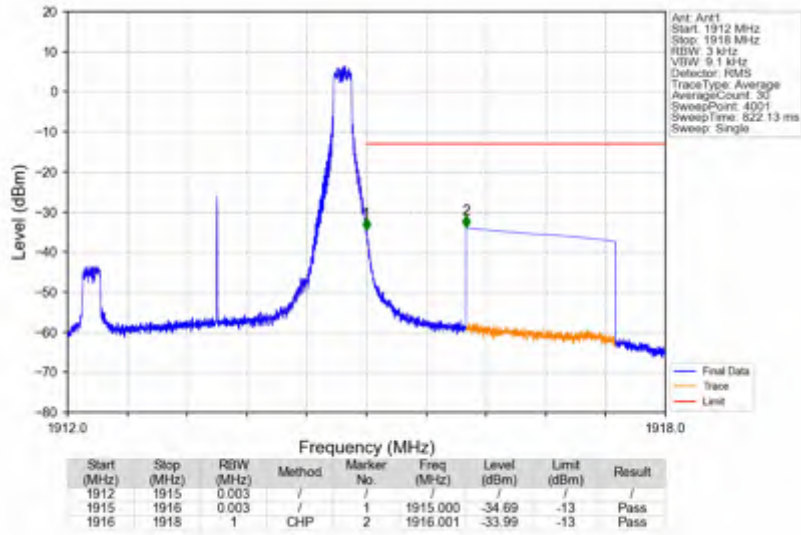
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



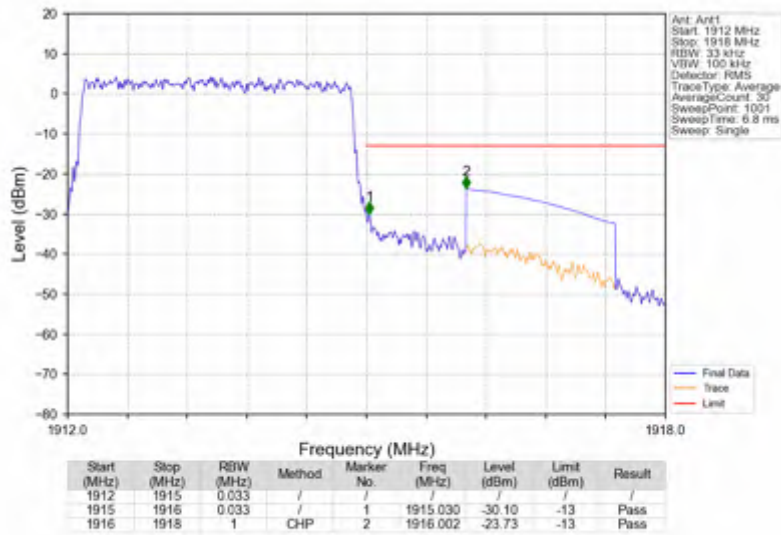
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



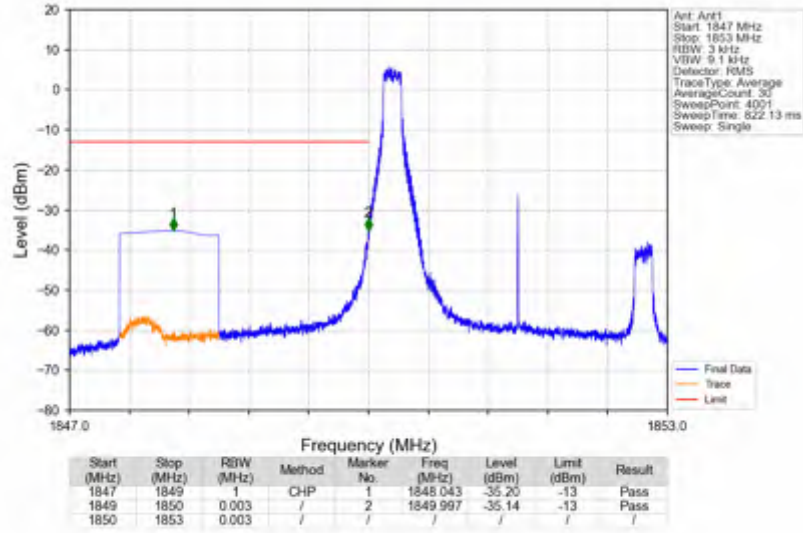
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



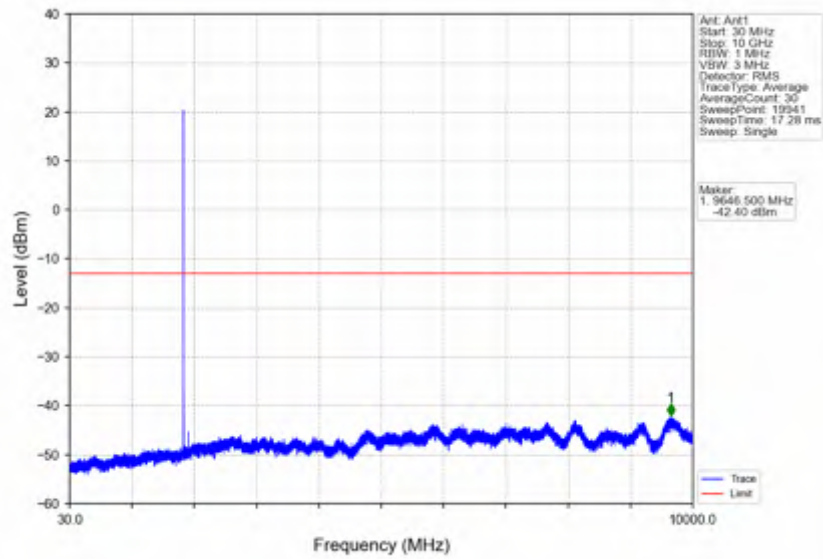
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



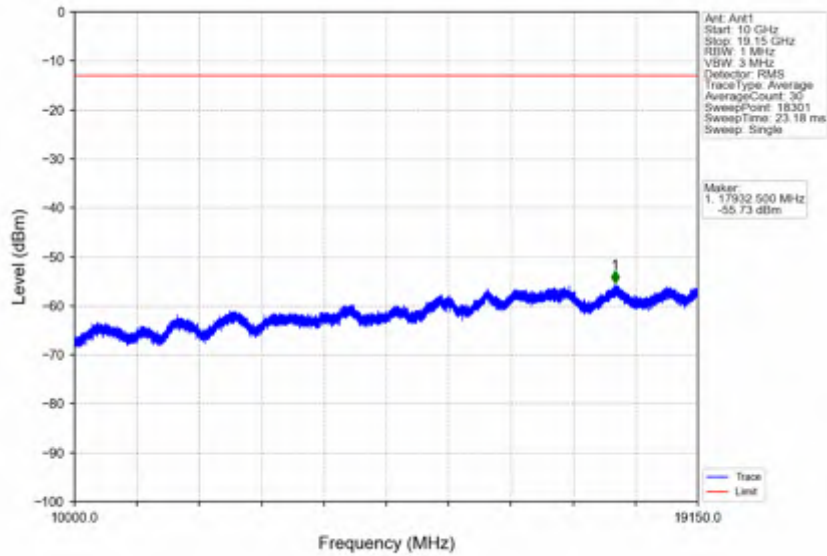
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



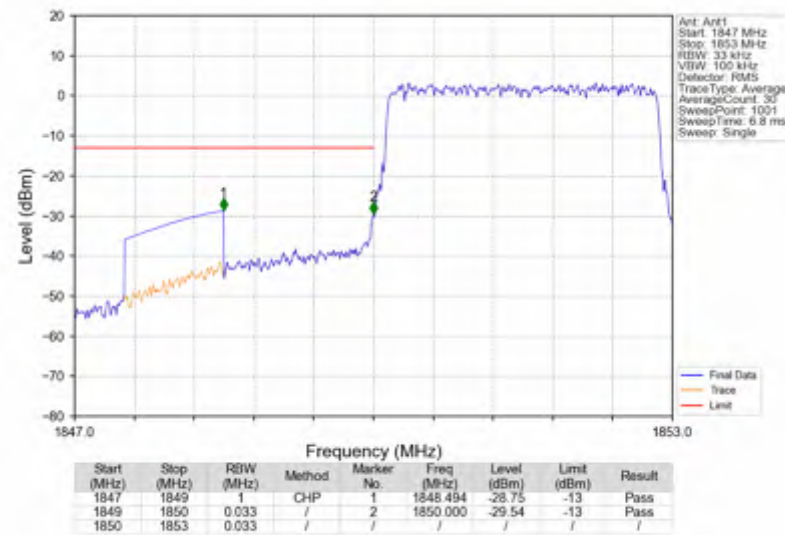
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



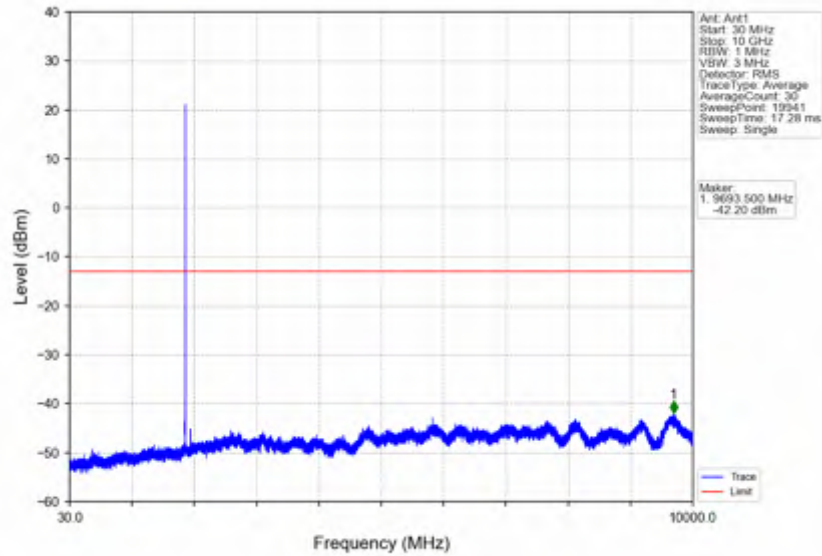
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



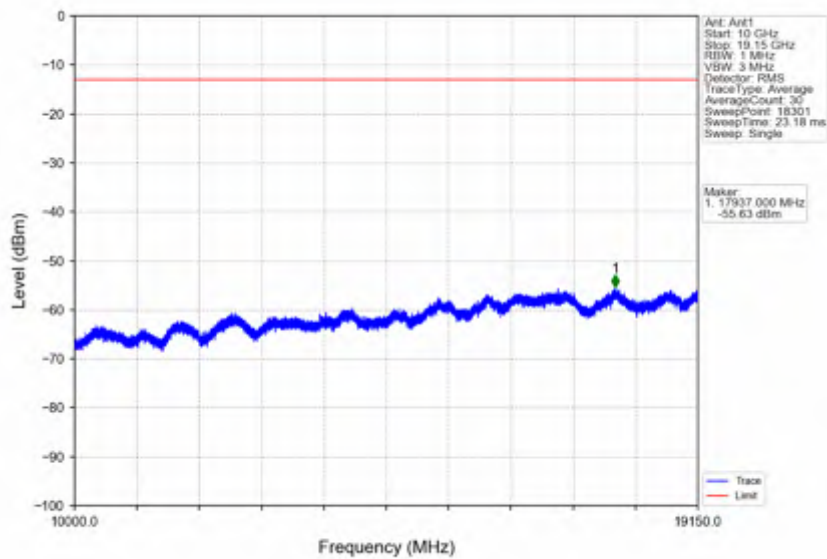
Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



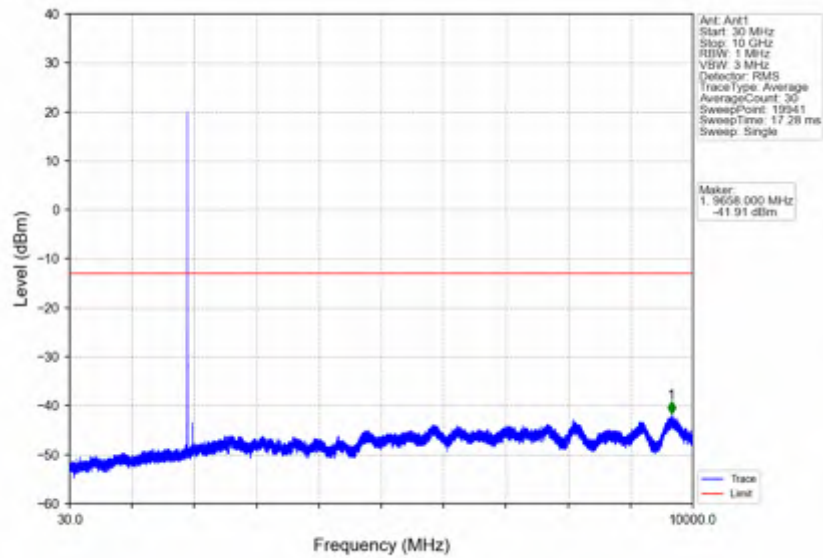
Band25_3MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



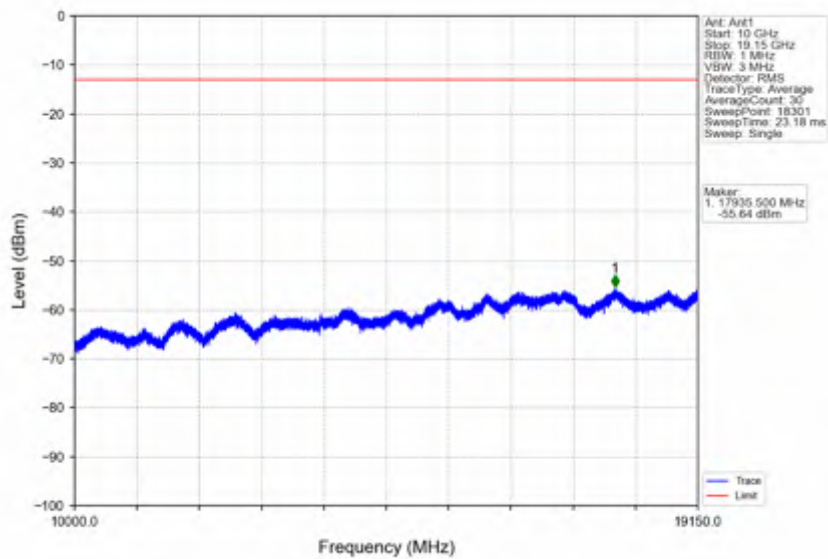
Band25_3MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



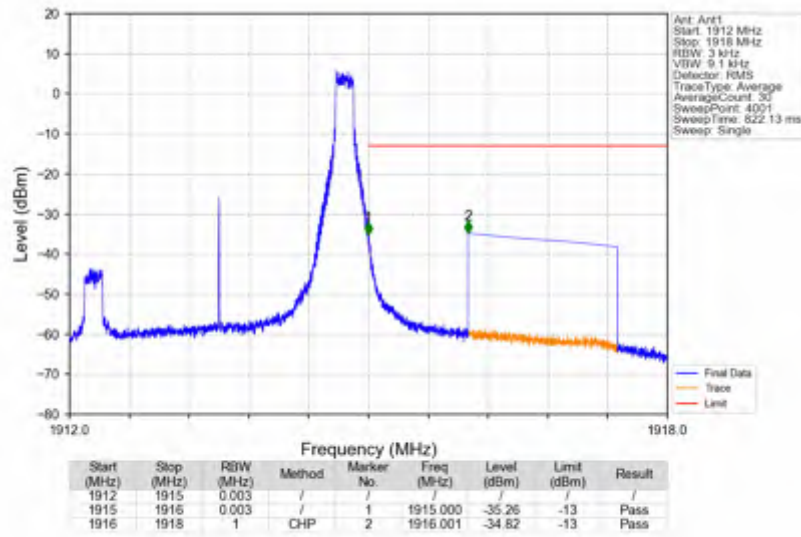
Band25_3MHz_64QAM_HCH_1913.5MHz_RB_1_0_NTNV



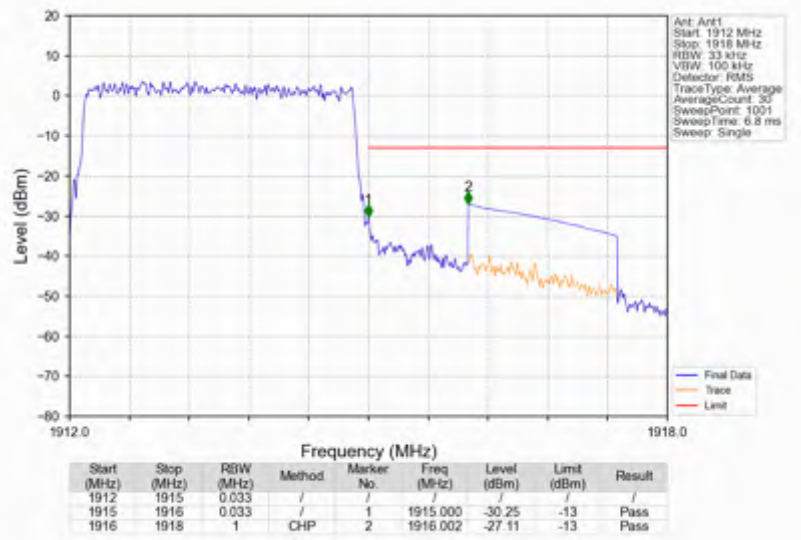
Band25_3MHz_64QAM_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_64QAM_HCH_1913.5MHz_RB_1_14_NTNV



Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



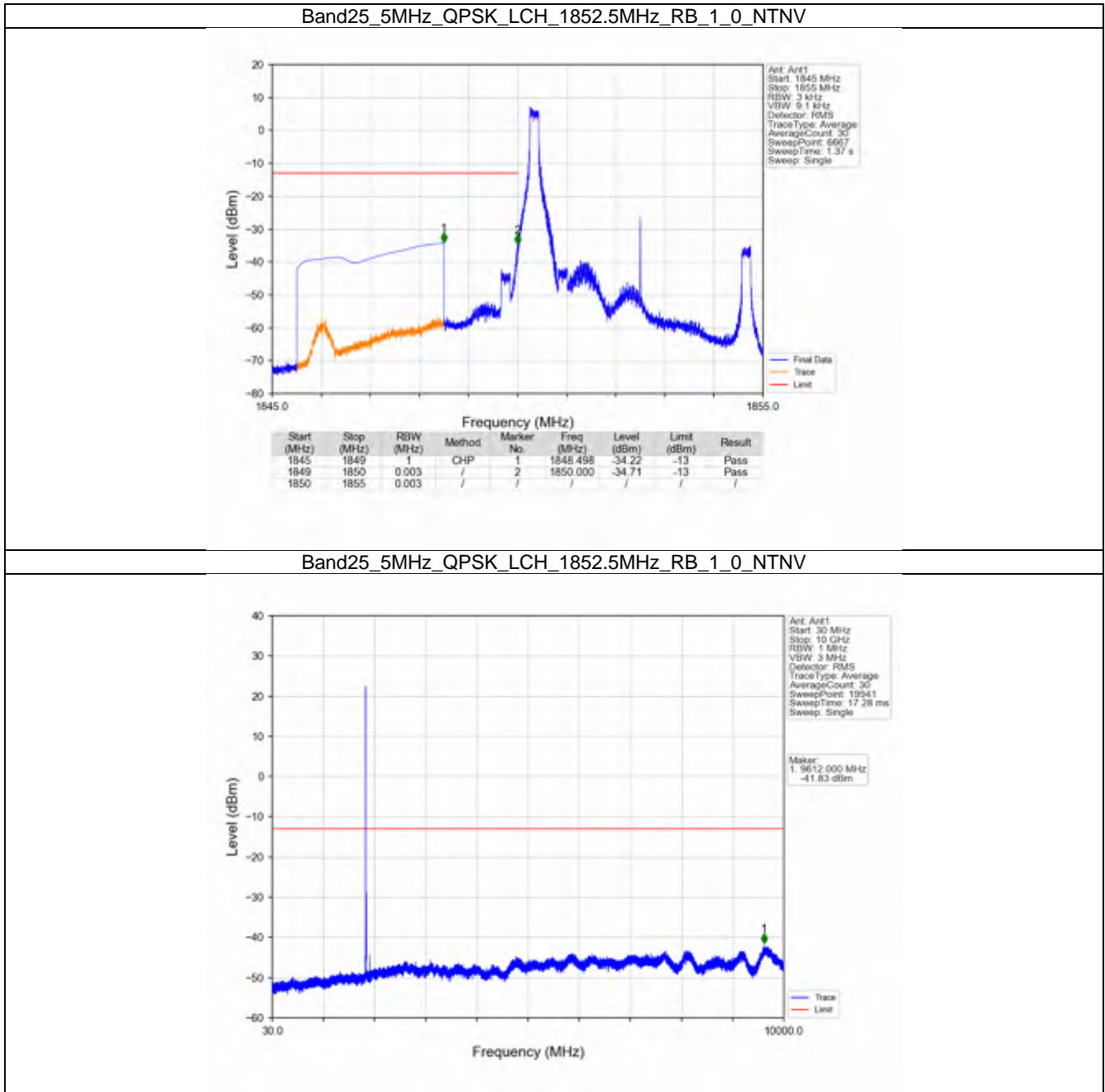


6.3 B25_5MHz

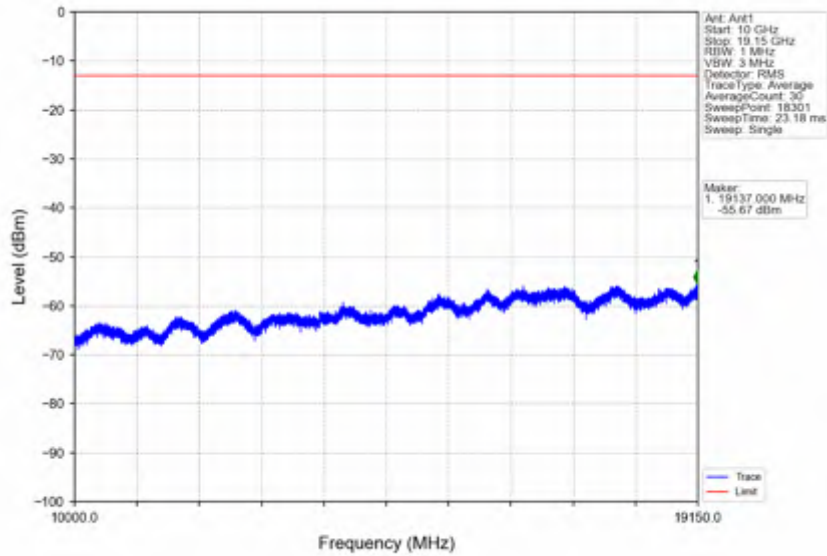
6.3.1 Test Result

| Band: 25 / Bandwidth: 5MHz / NTV | | | | | | |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1852.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 1912.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1852.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 1912.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 64QAM | 1852.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 1912.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |

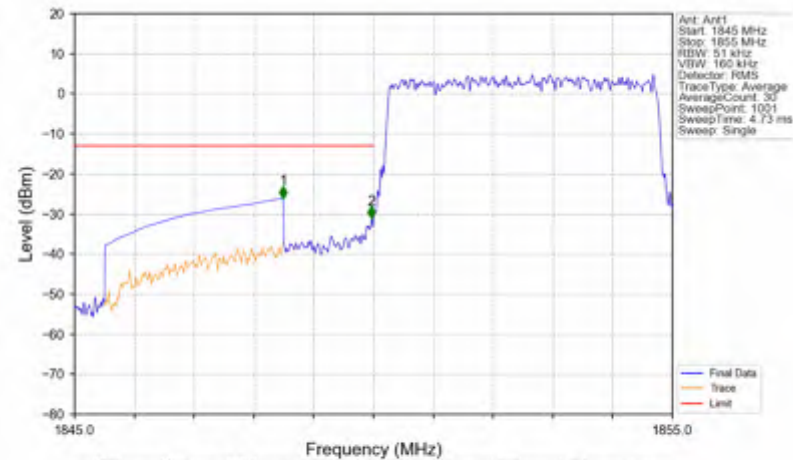
6.3.2 Test Graph



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

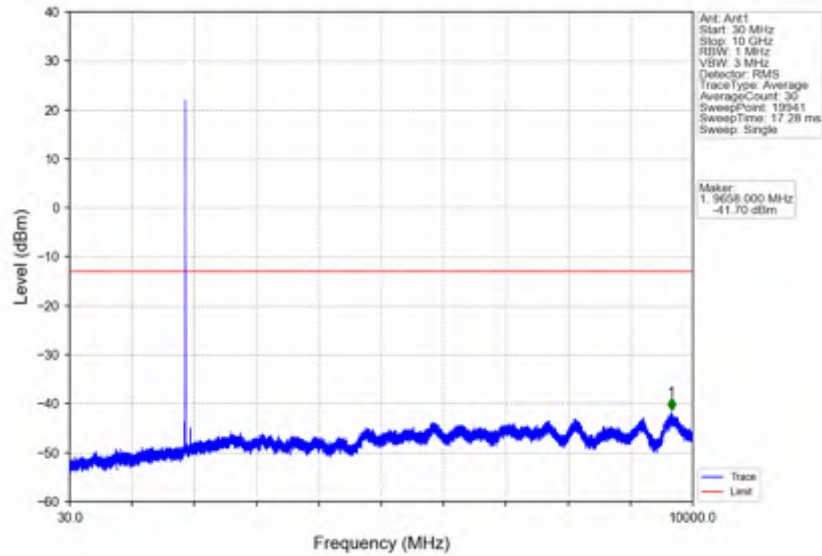


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

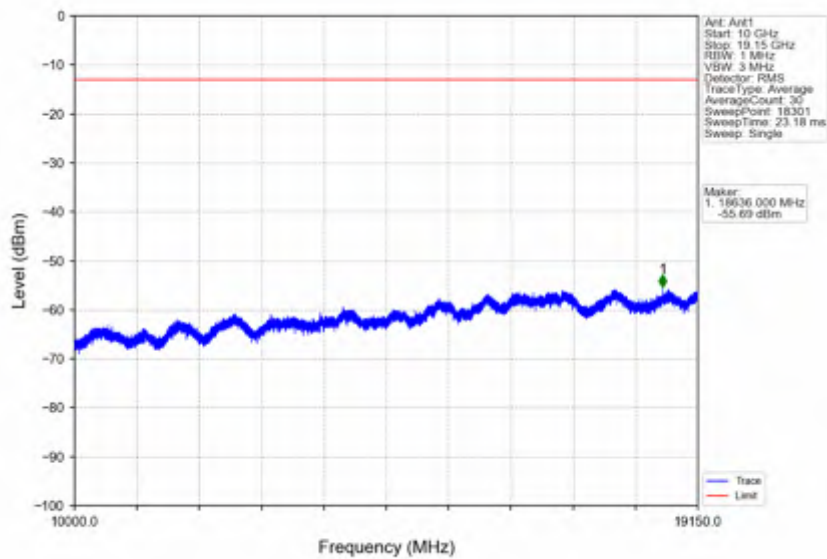


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845 | 1849 | 1 | CHP | 1 | 1848.490 | -26.12 | -13 | Pass |
| 1849 | 1850 | 0.051 | / | 2 | 1849.970 | -31.20 | -13 | Pass |
| 1850 | 1855 | 0.051 | / | / | / | / | / | / |

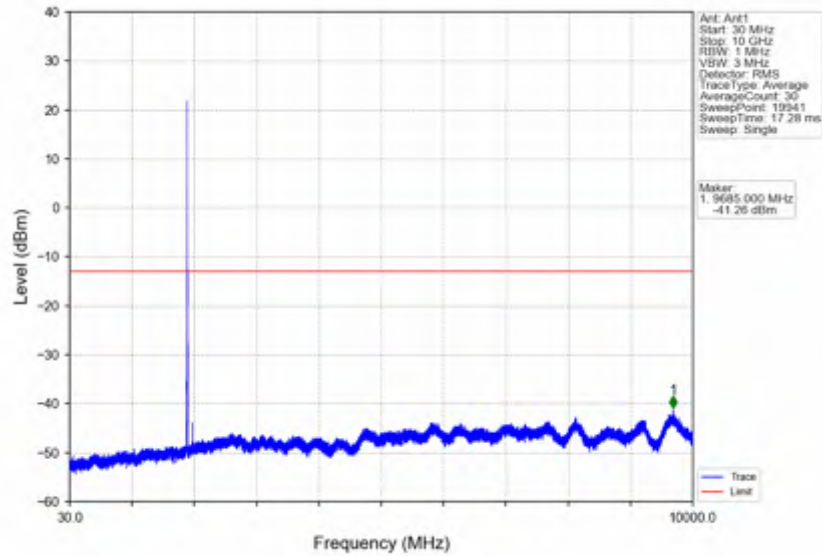
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



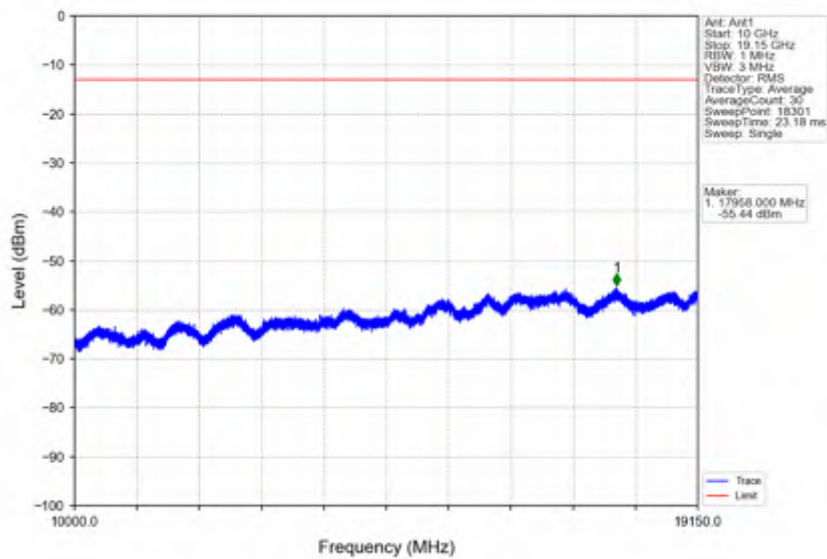
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



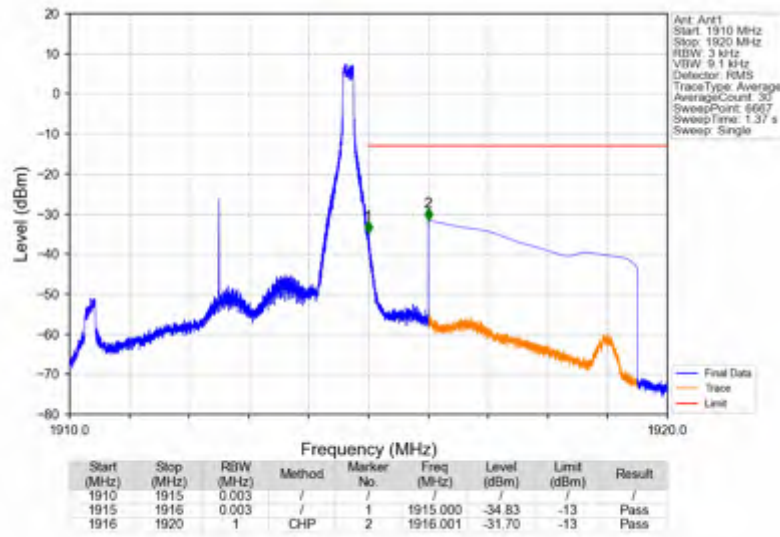
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



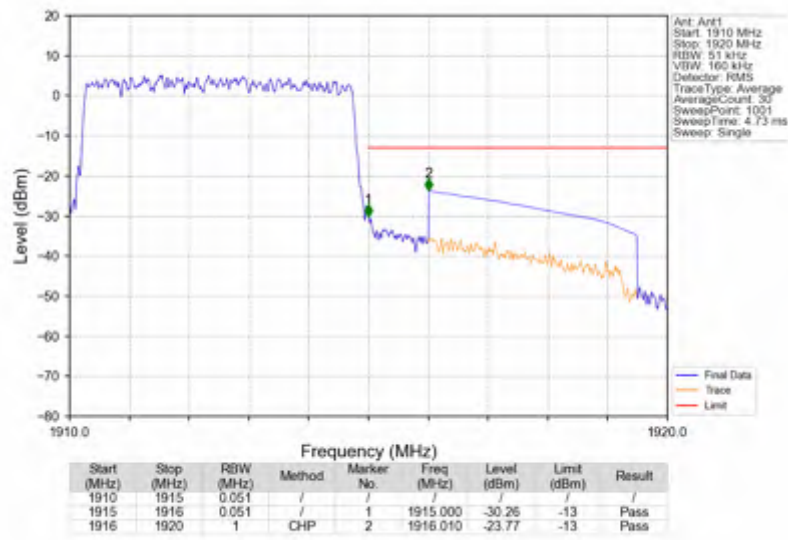
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



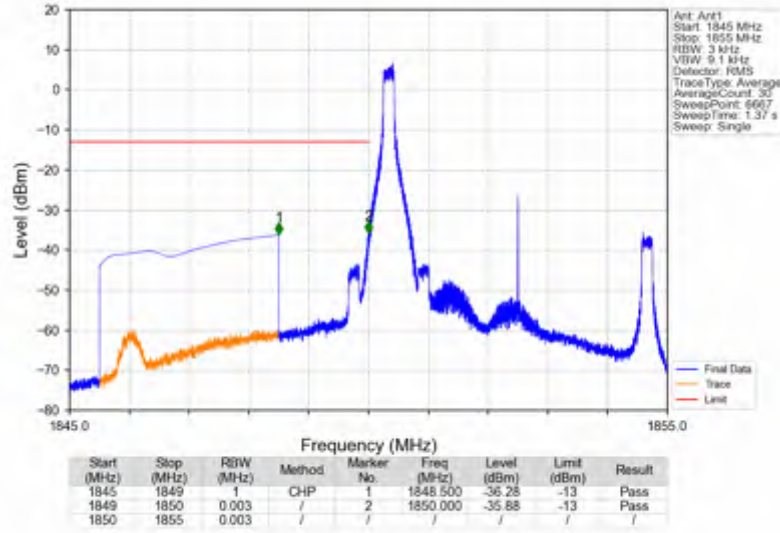
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



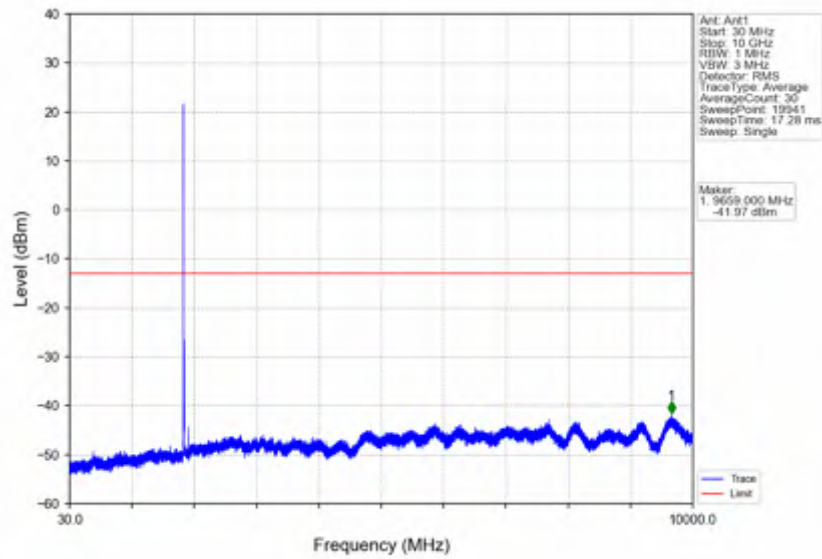
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



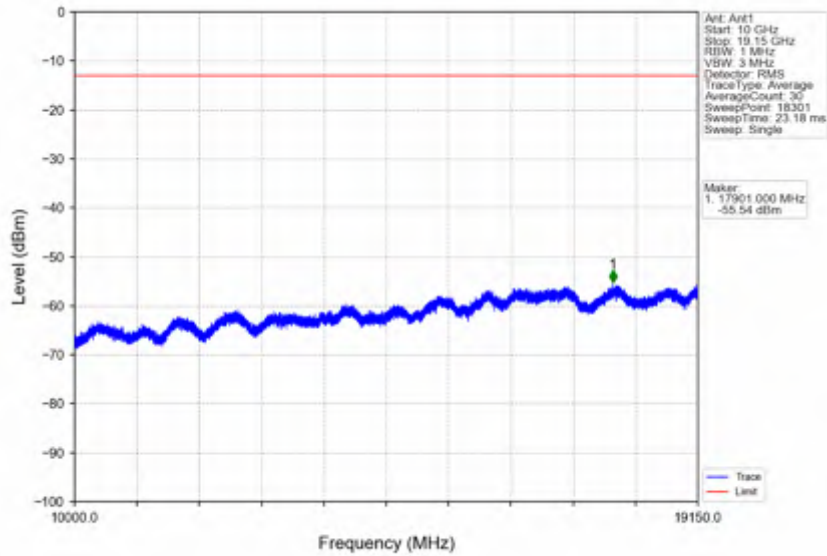
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



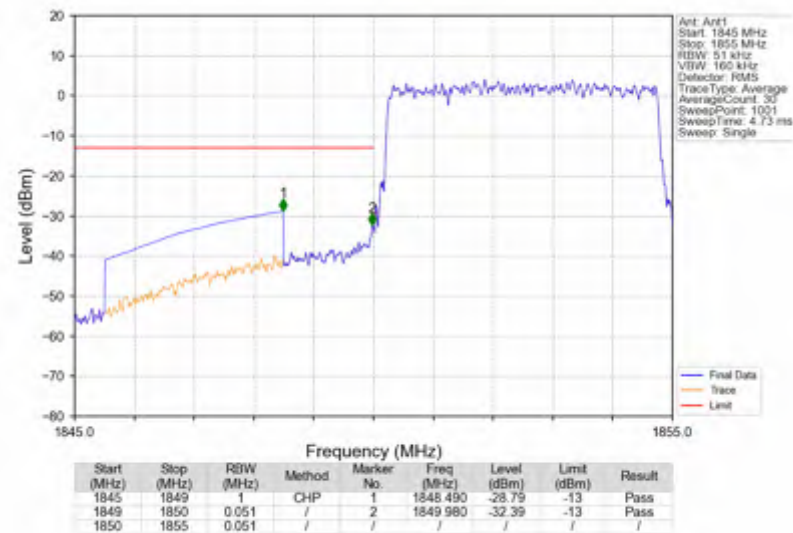
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



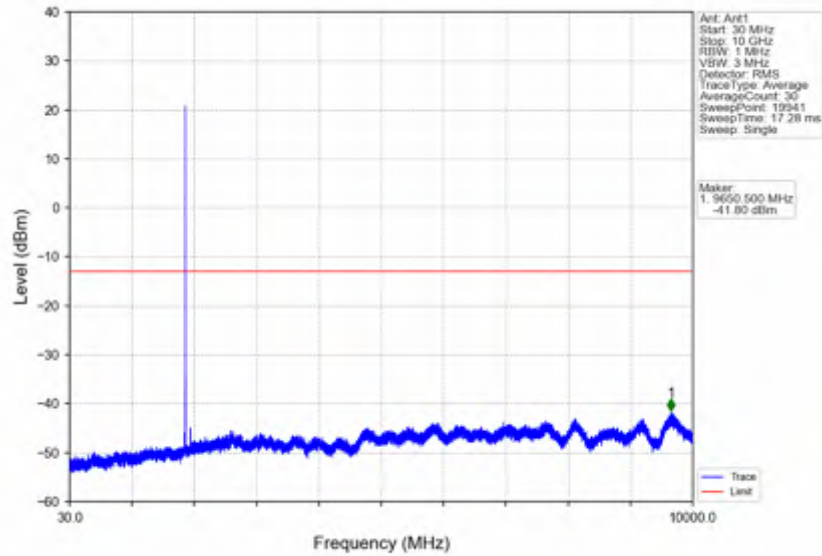
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



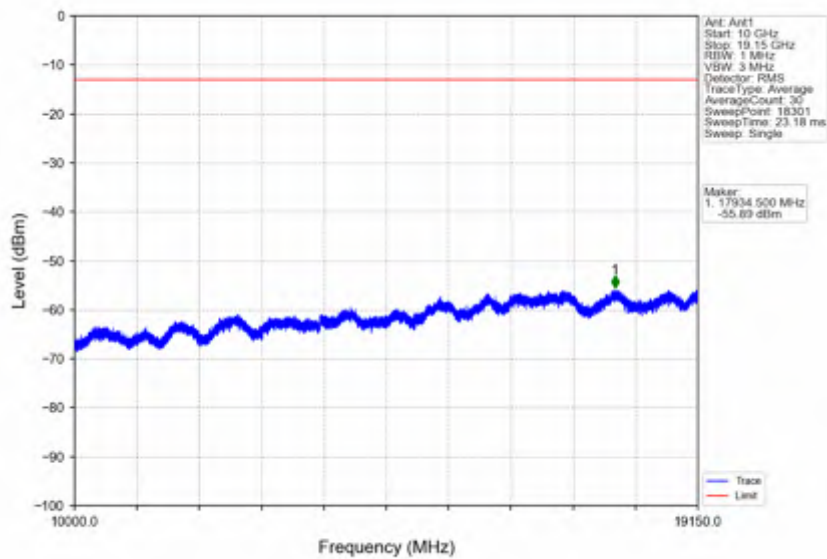
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



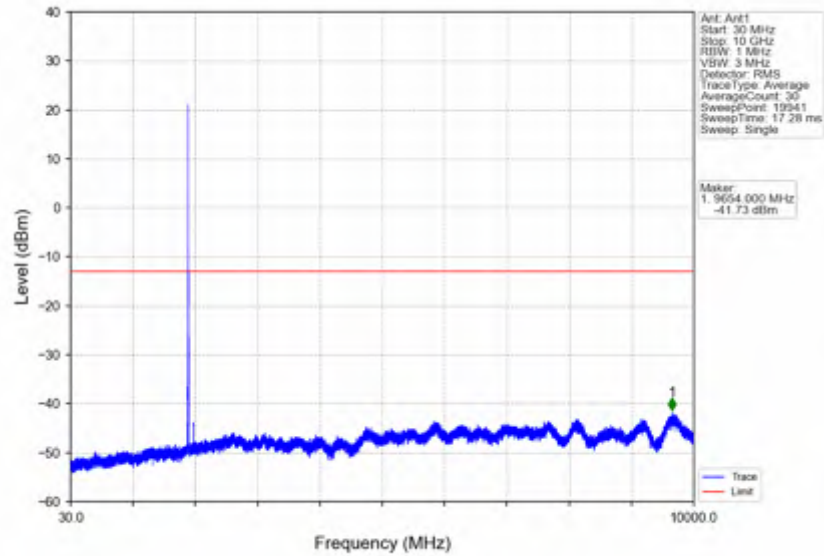
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



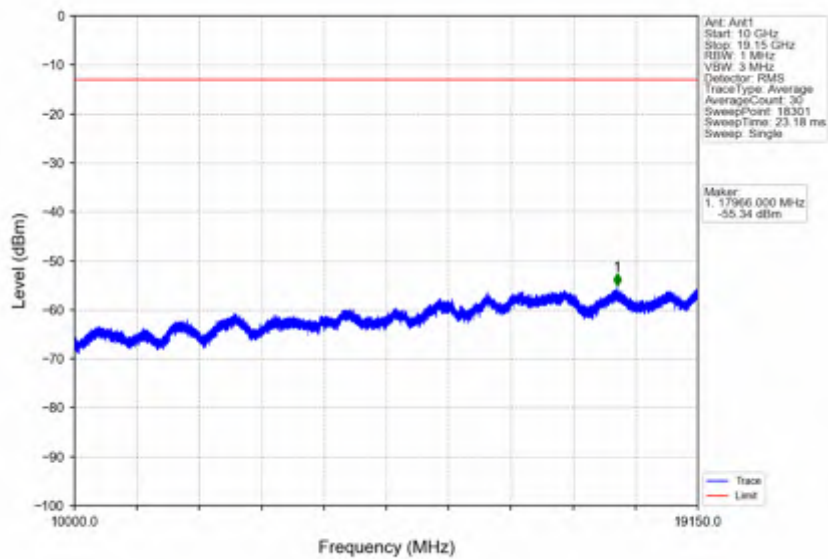
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



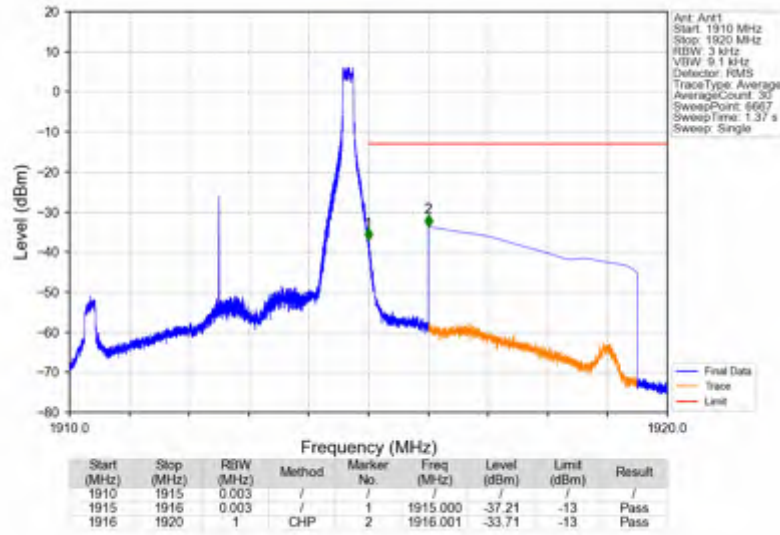
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



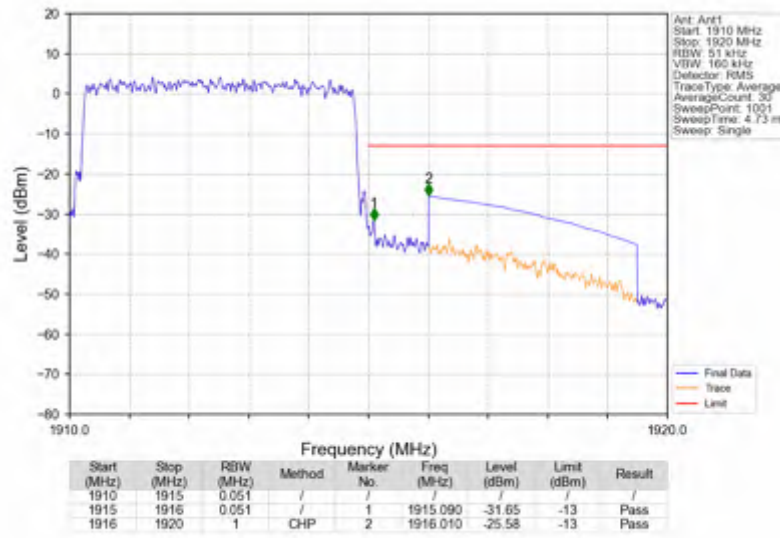
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



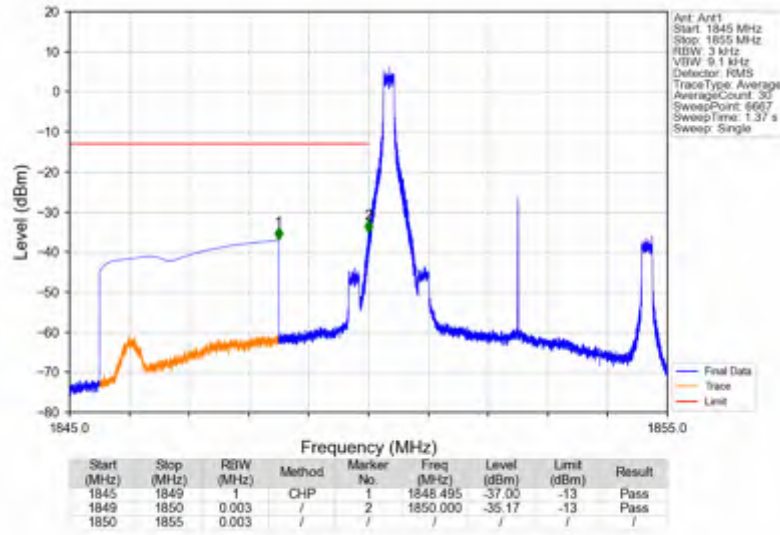
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_24_NTNV



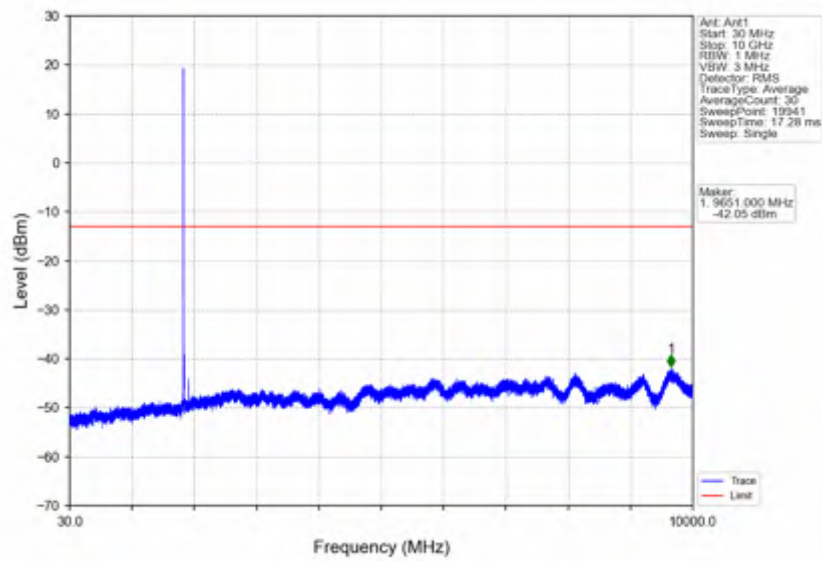
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



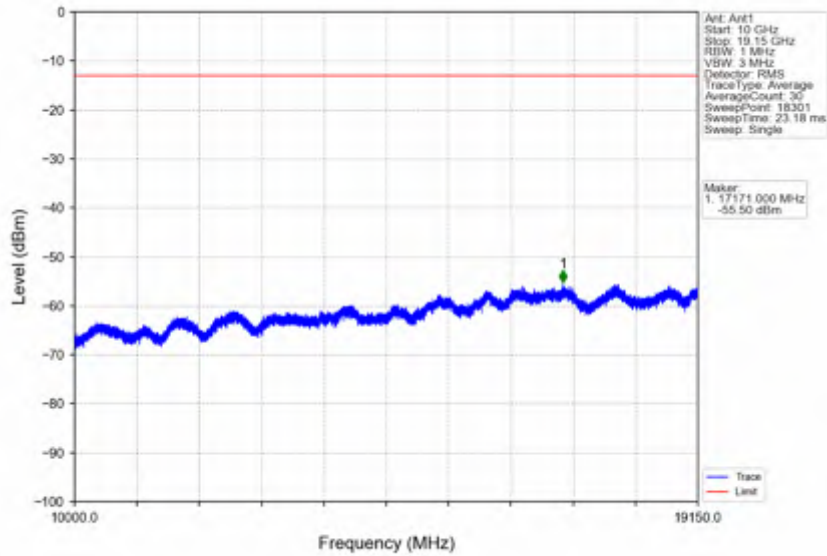
Band25_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



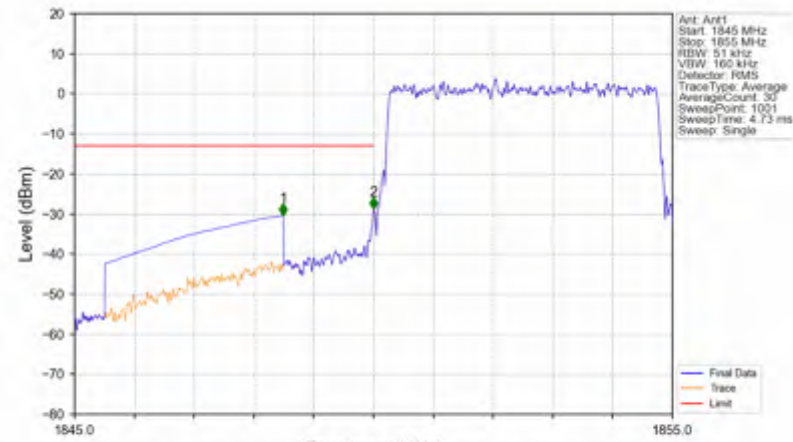
Band25_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV

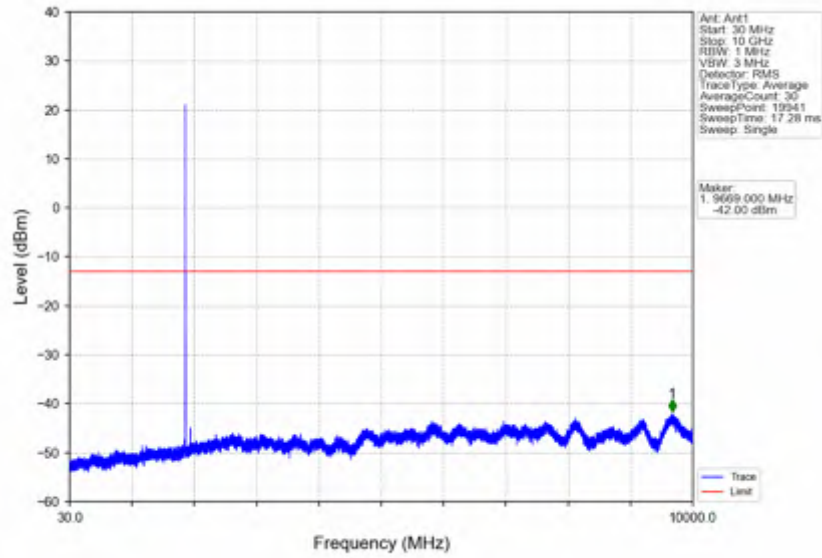


Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV

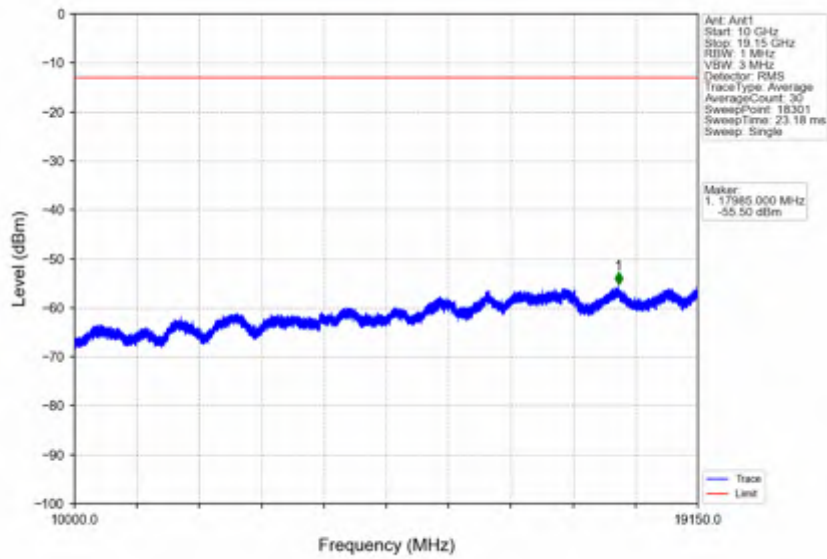


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845 | 1849 | 1 | CHP | 1 | 1848.490 | -30.47 | -13 | Pass |
| 1849 | 1850 | 0.051 | / | 2 | 1850.000 | -28.92 | -13 | Pass |
| 1850 | 1855 | 0.051 | / | / | / | / | / | / |

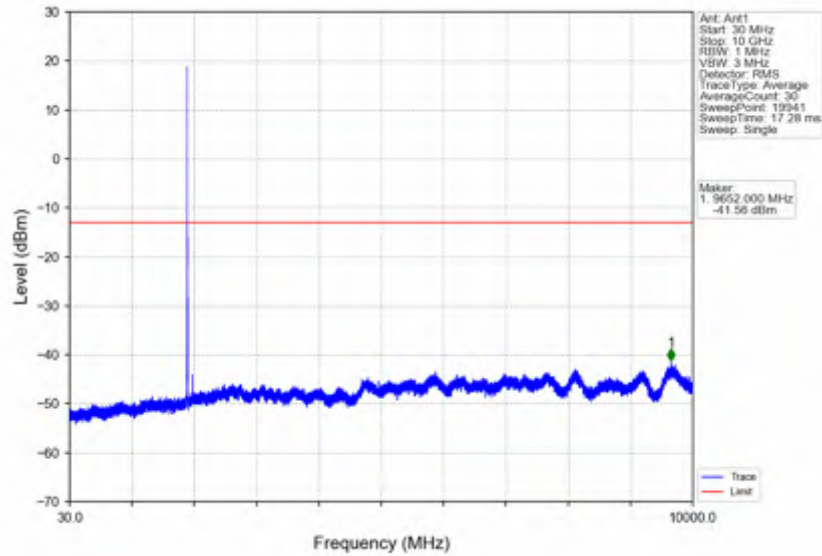
Band25_5MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



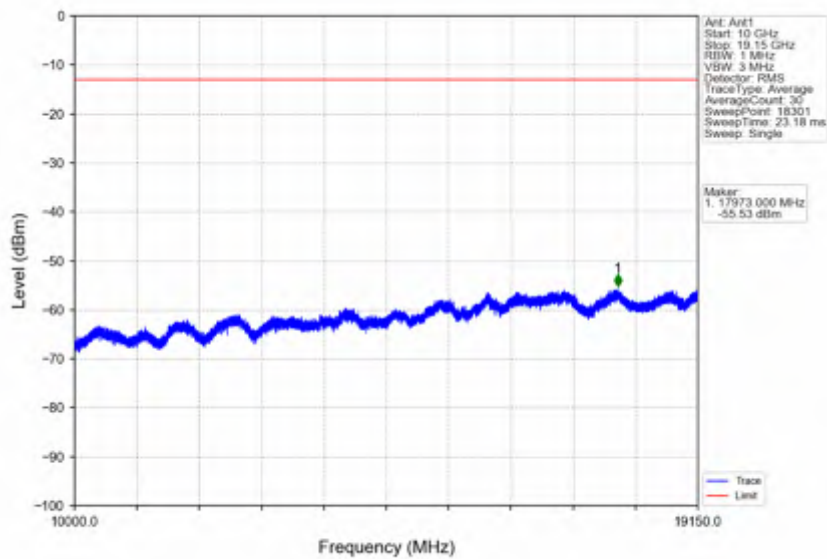
Band25_5MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



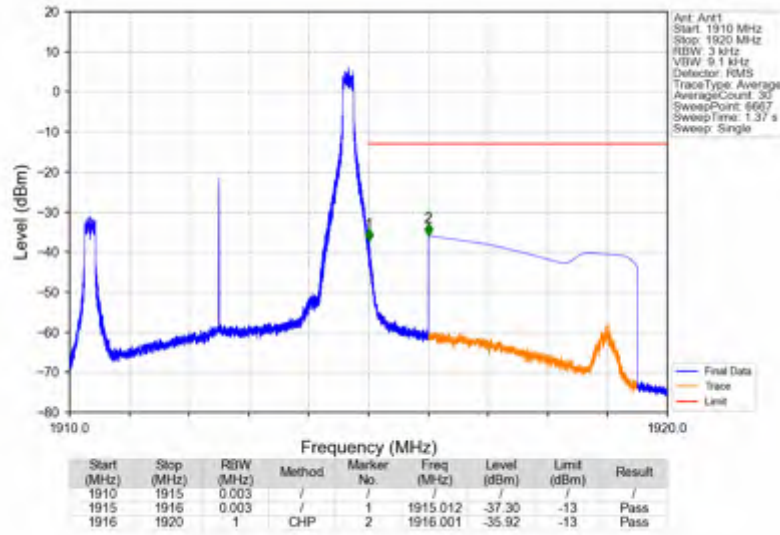
Band25_5MHz_64QAM_HCH_1912.5MHz_RB_1_0_NTNV



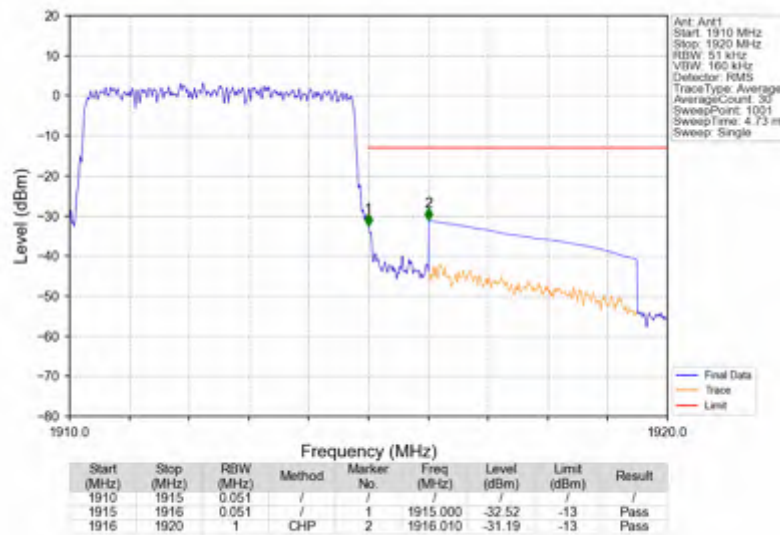
Band25_5MHz_64QAM_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_64QAM_HCH_1912.5MHz_RB_1_24_NTNV



Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV



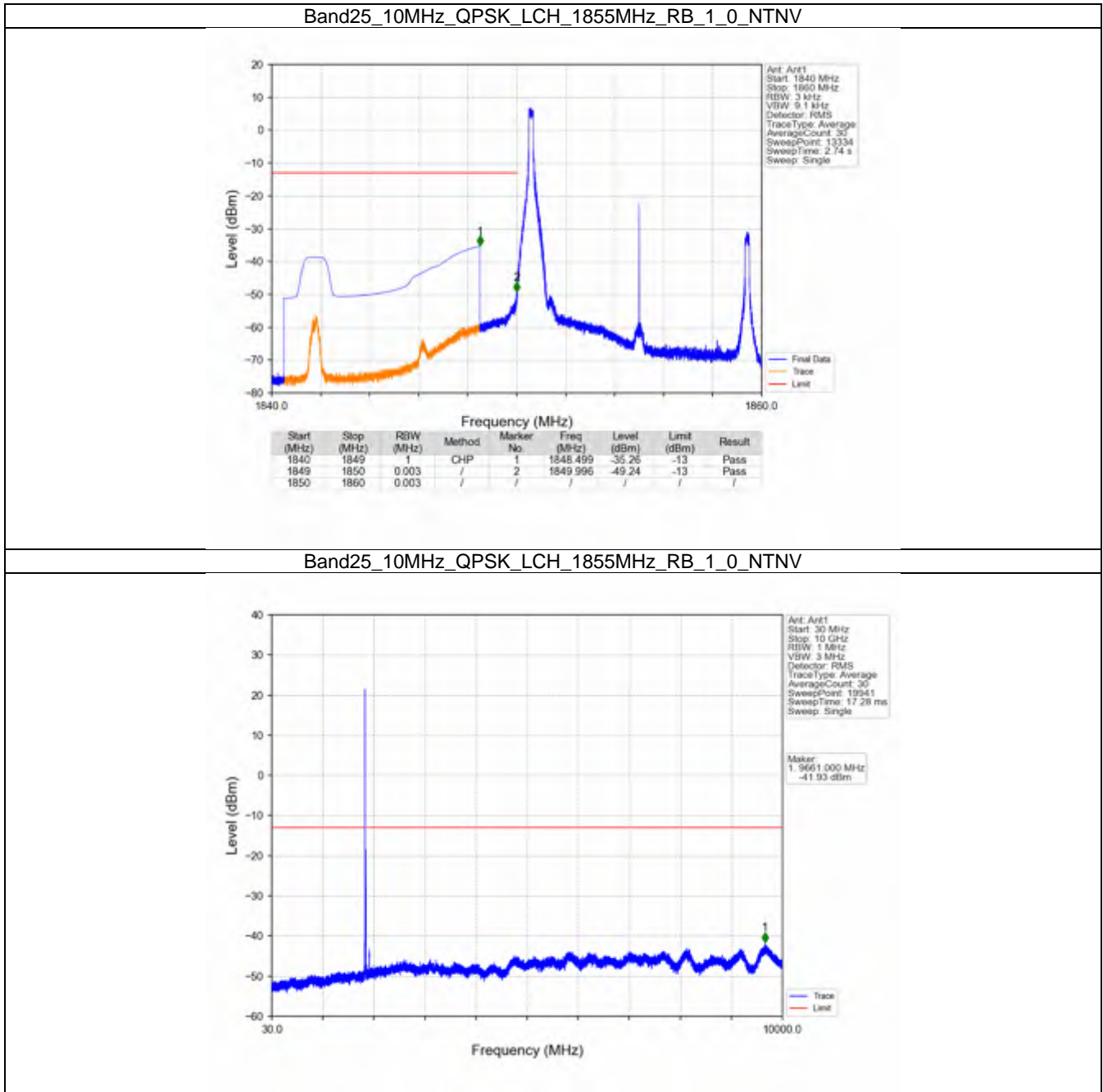


6.4 B25_10MHz

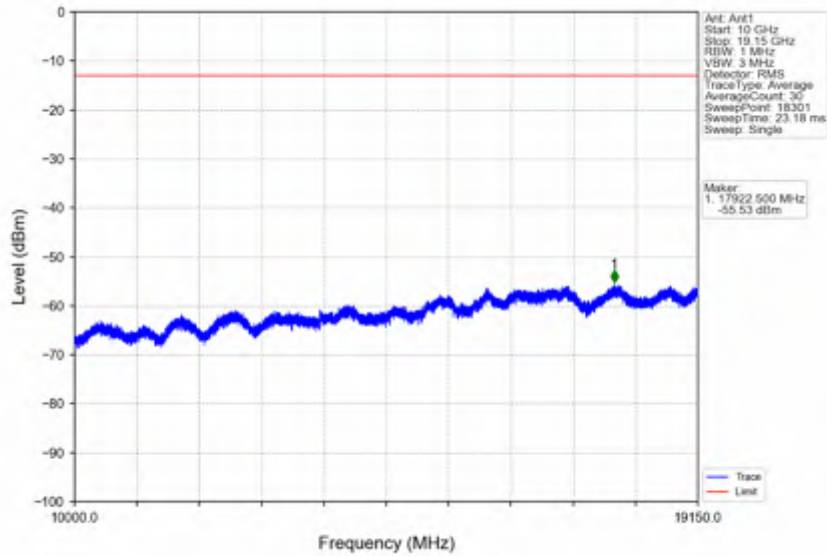
6.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTV | | | | | | | |
|-----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict | |
| | | Size | Offset | Result | Limit | | |
| QPSK | 1855 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 50 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1910 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass | |
| 16QAM | 1855 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 50 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1910 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass | |
| 64QAM | 1855 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 50 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1910 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass | |

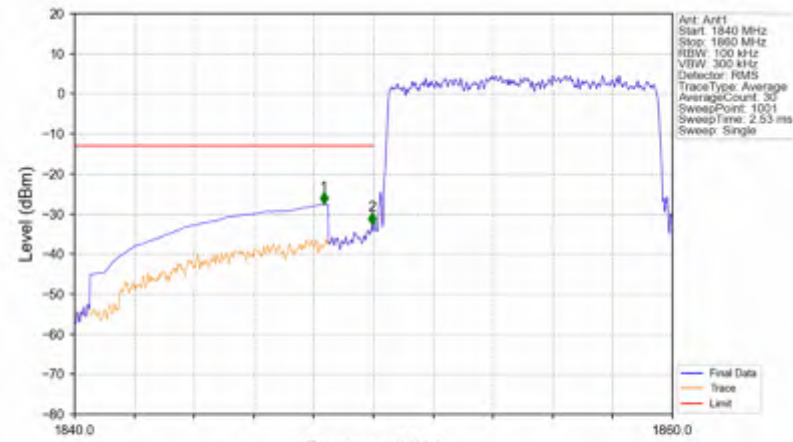
6.4.2 Test Graph



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

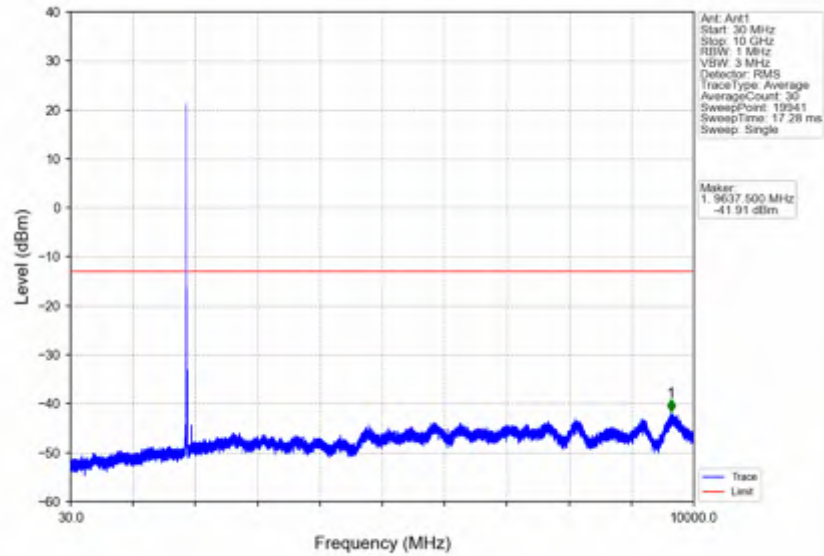


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

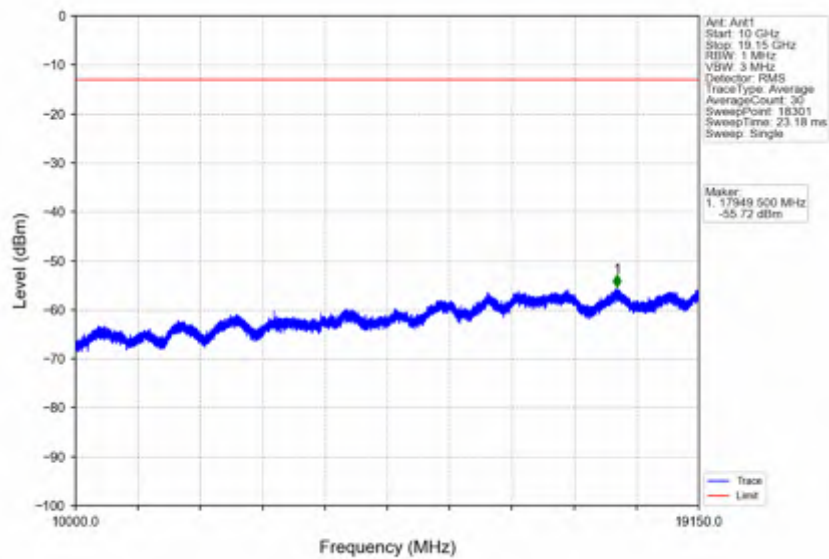


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840 | 1849 | 1 | CHP | 1 | 1848.340 | -27.68 | -13 | Pass |
| 1849 | 1850 | 0.1 | / | 2 | 1849.960 | -32.68 | -13 | Pass |
| 1850 | 1860 | 0.1 | / | / | / | / | / | / |

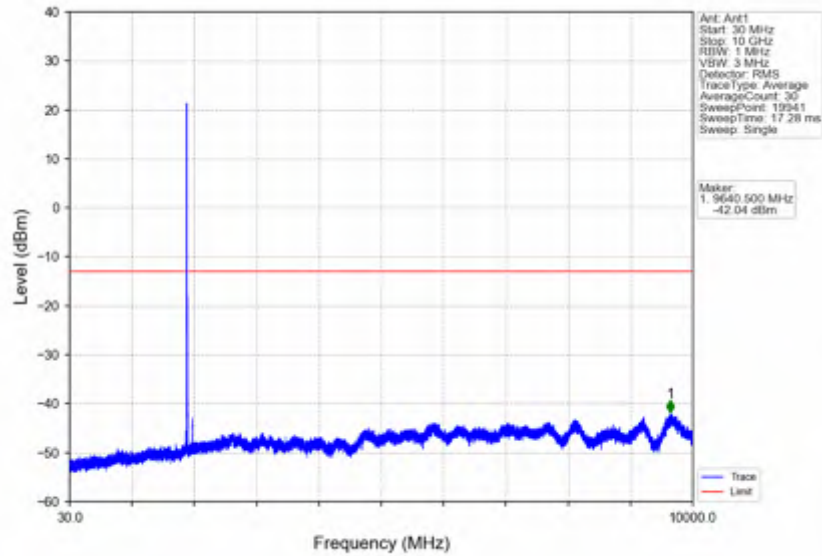
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



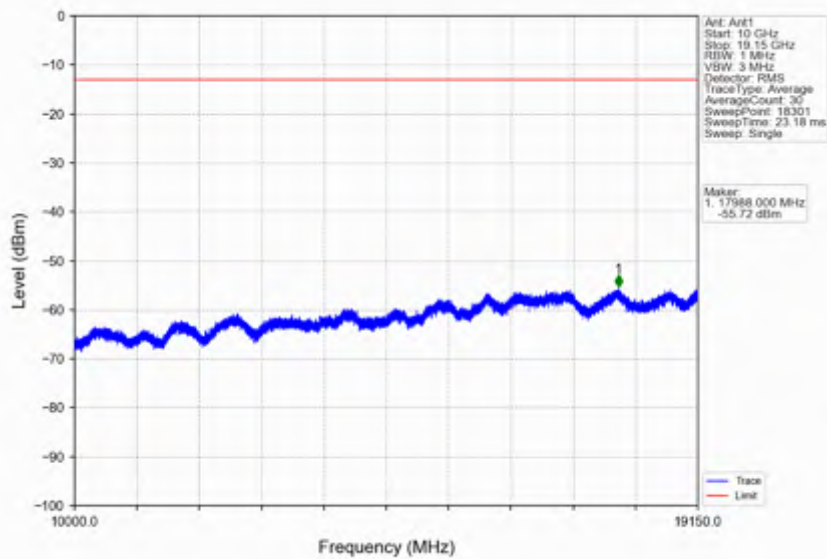
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



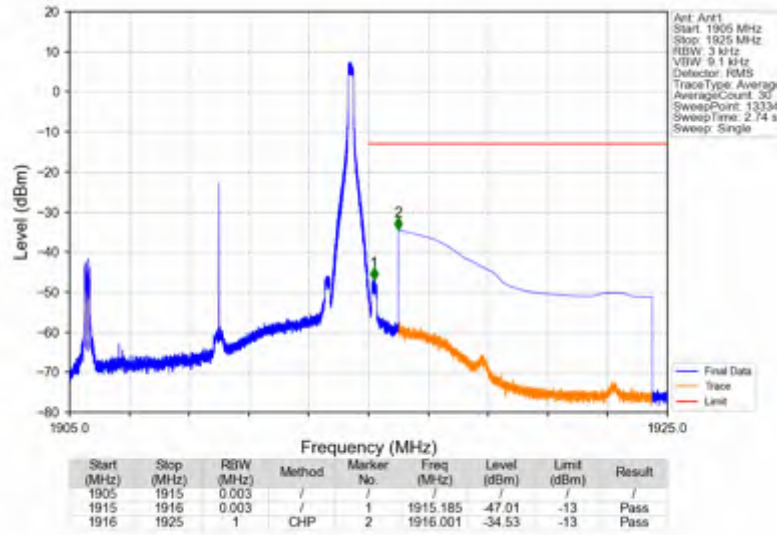
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



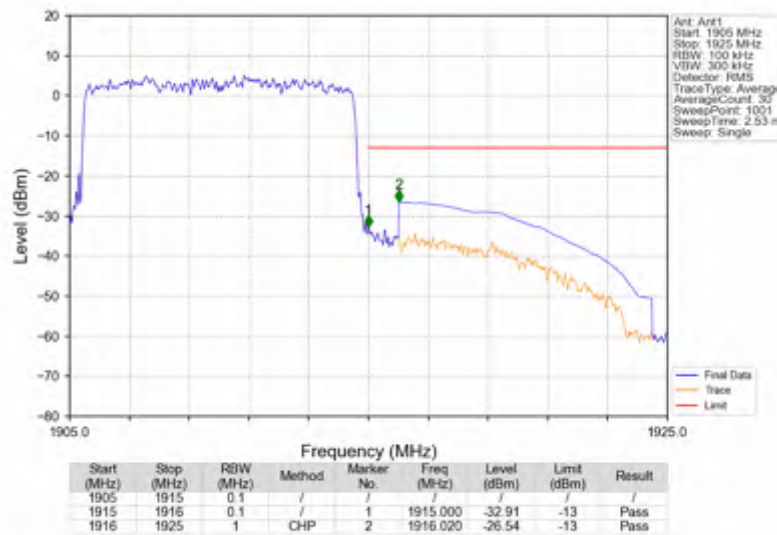
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



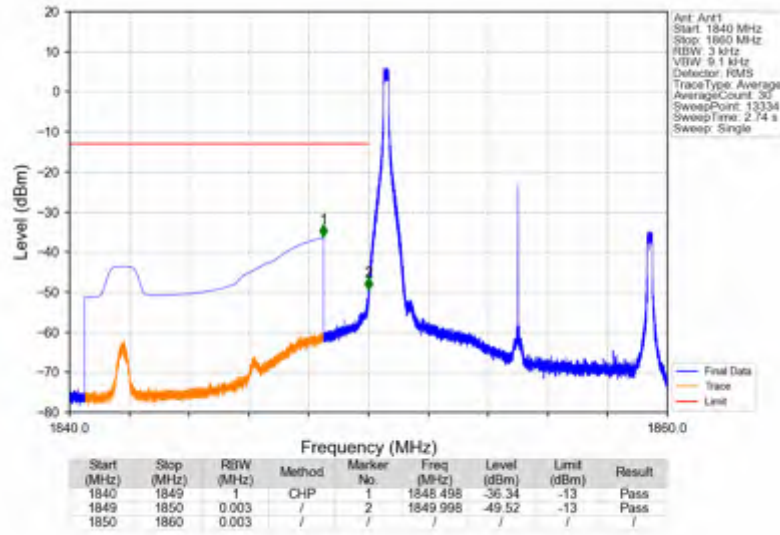
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



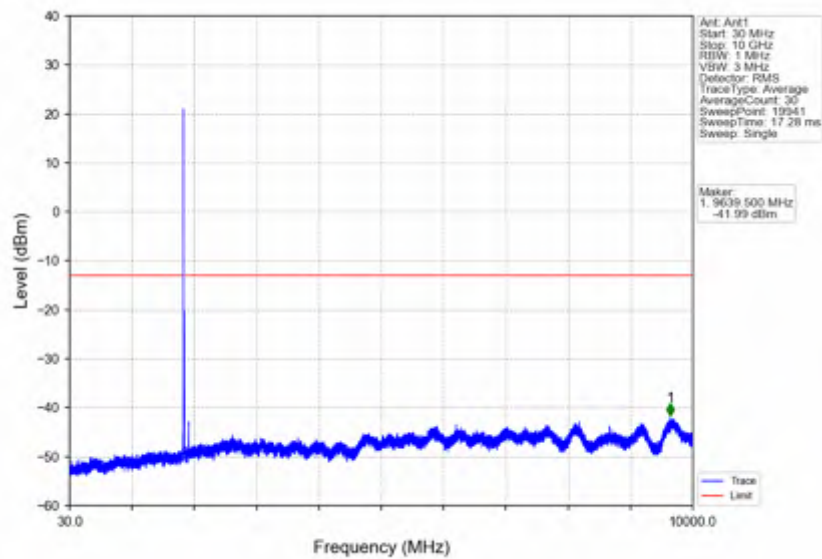
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



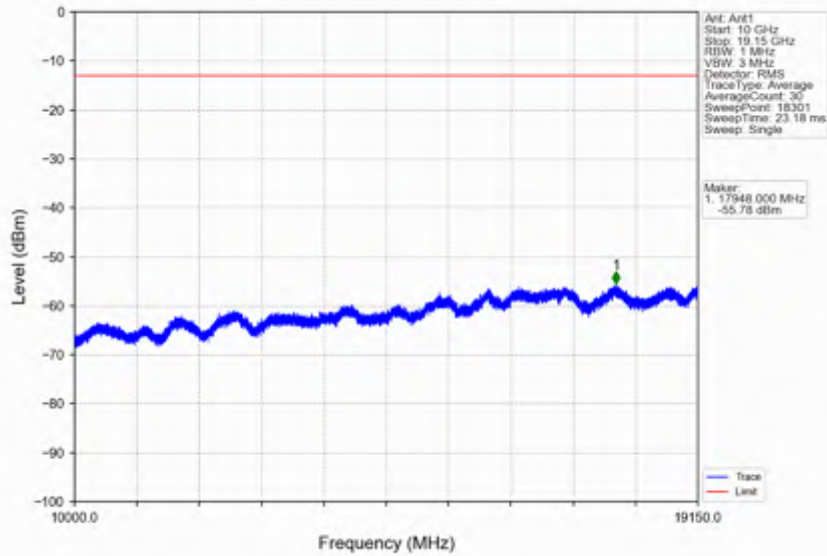
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



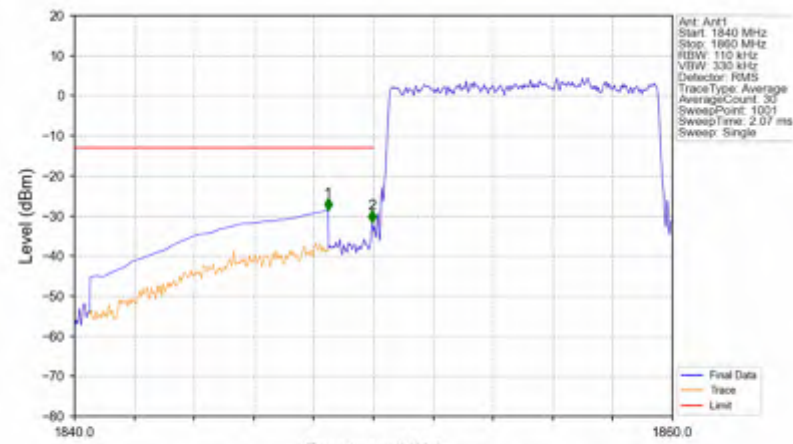
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

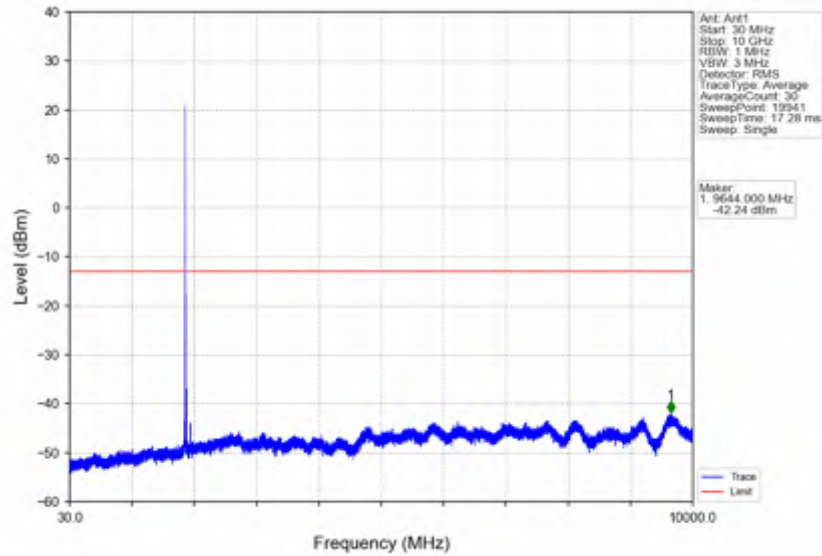


Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

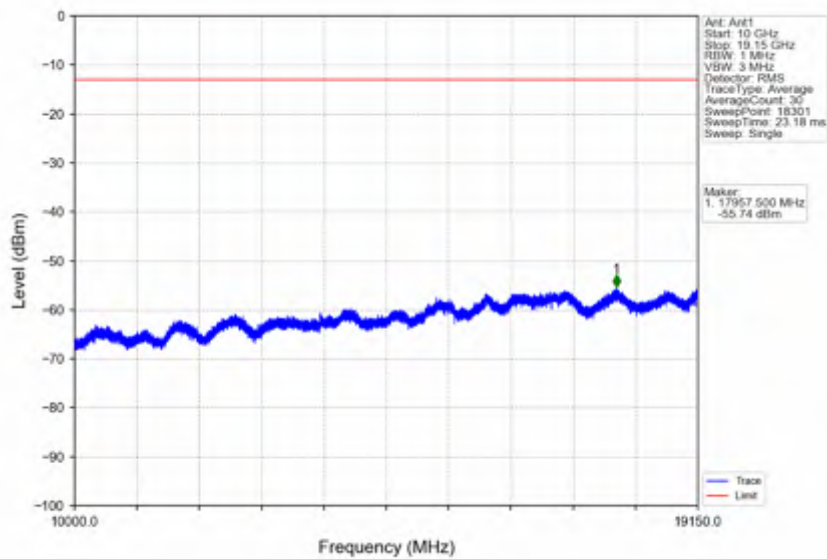


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840 | 1849 | 1 | CHP | 1 | 1848.480 | -28.56 | -13 | Pass |
| 1849 | 1850 | 0.11 | / | 2 | 1849.960 | -31.74 | -13 | Pass |
| 1850 | 1860 | 0.11 | / | / | / | / | / | / |

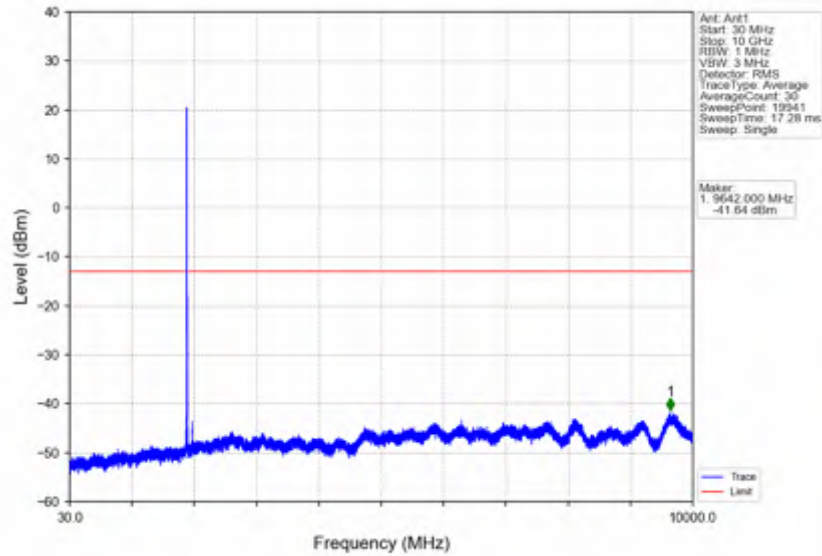
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



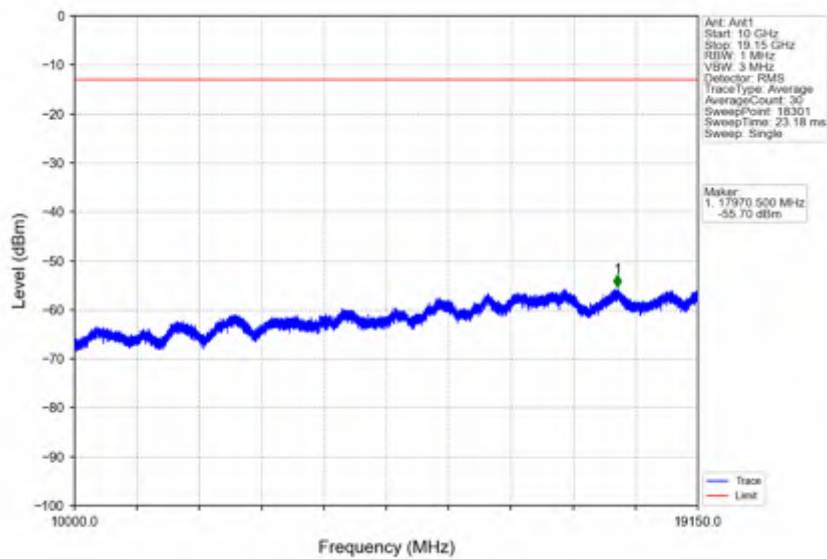
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



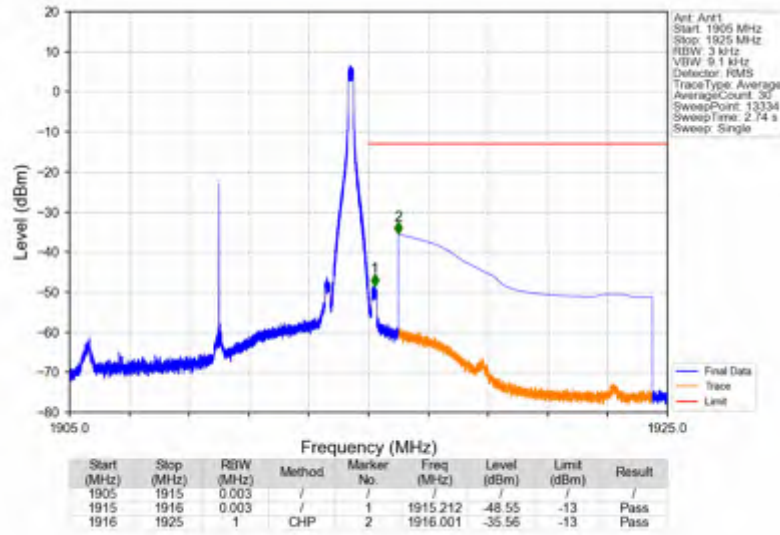
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



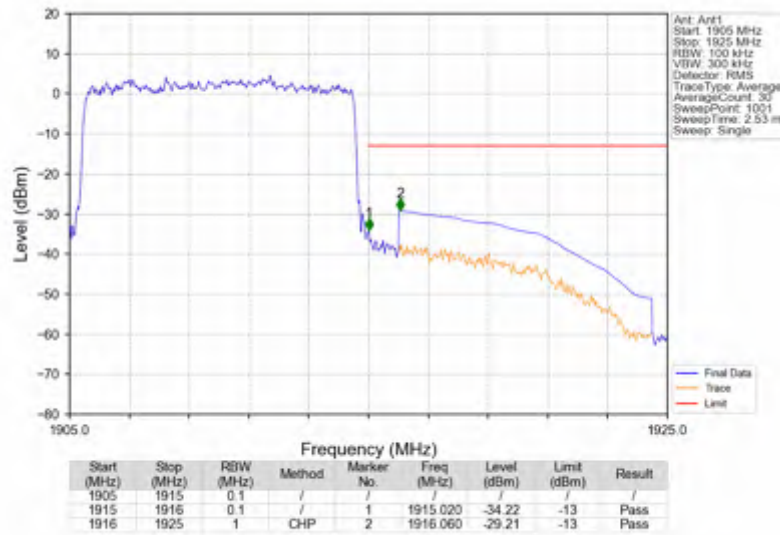
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



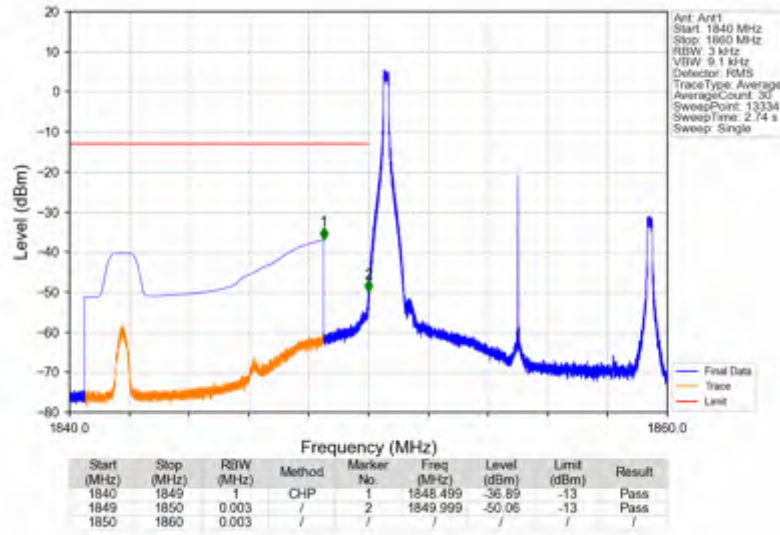
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_49_NTNV



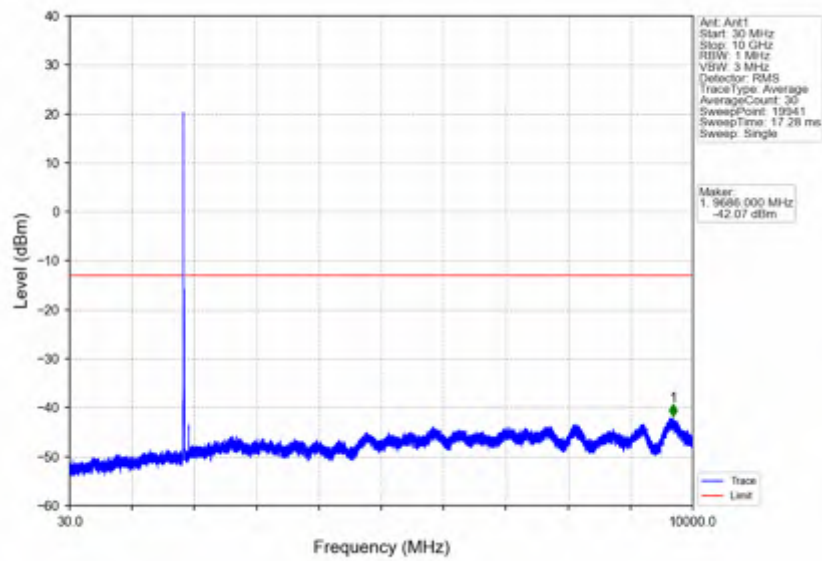
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



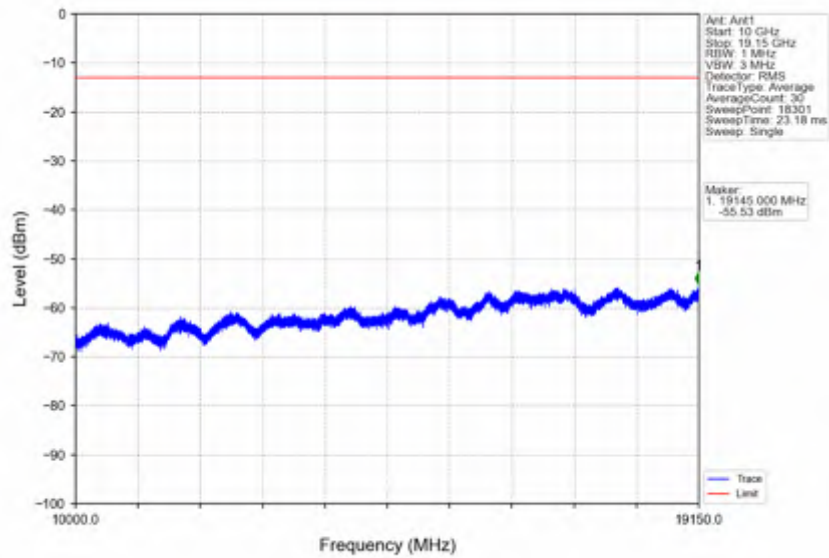
Band25_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



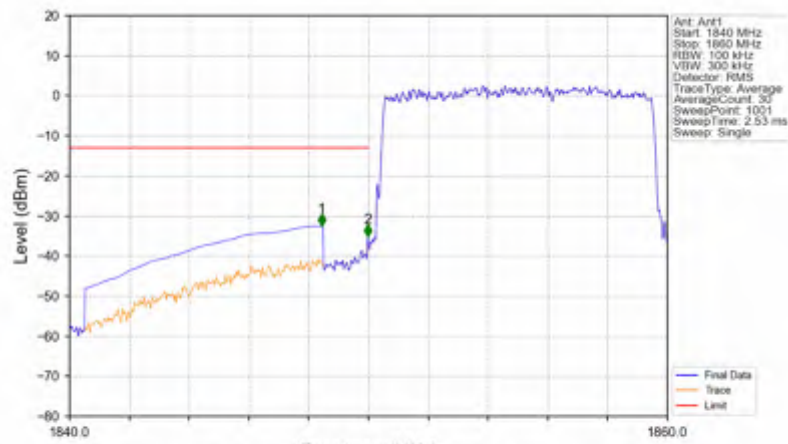
Band25_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV

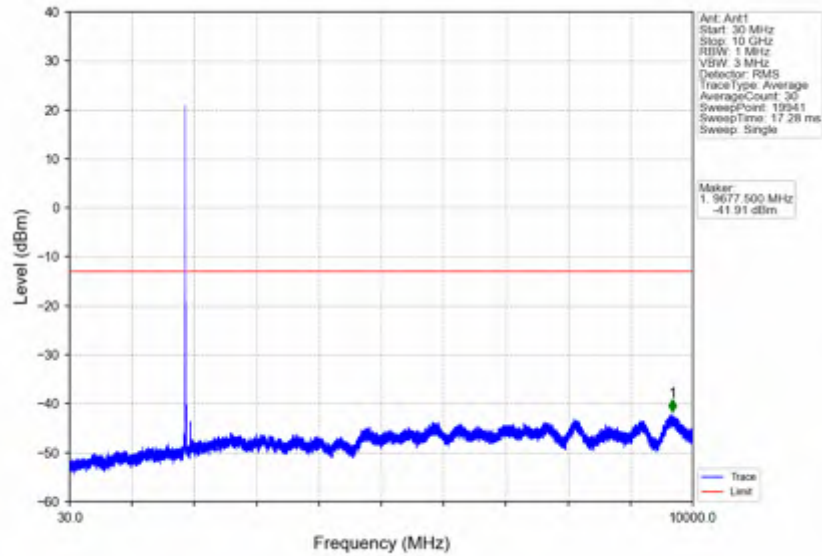


Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

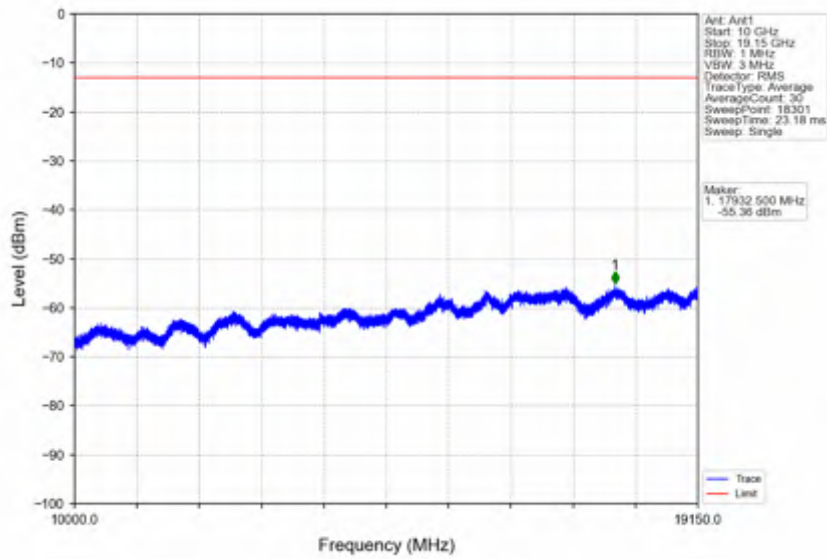


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840 | 1849 | 1 | CHP | 1 | 1845.440 | -32.52 | -13 | Pass |
| 1849 | 1850 | 0.1 | / | 2 | 1849.980 | -35.26 | -13 | Pass |
| 1850 | 1860 | 0.1 | / | / | / | / | / | / |

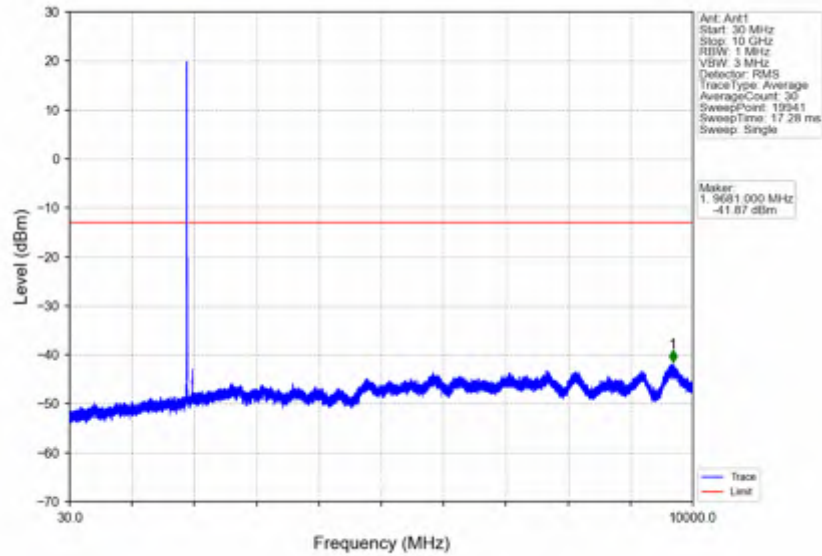
Band25_10MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



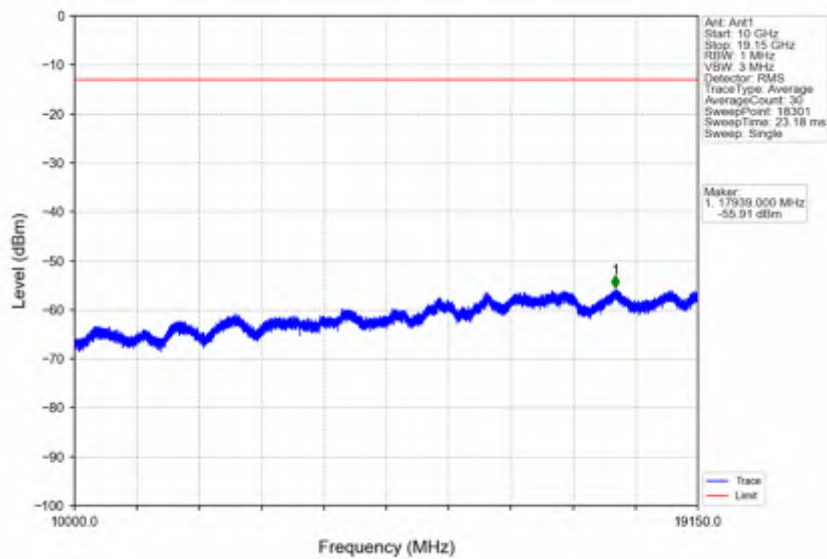
Band25_10MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



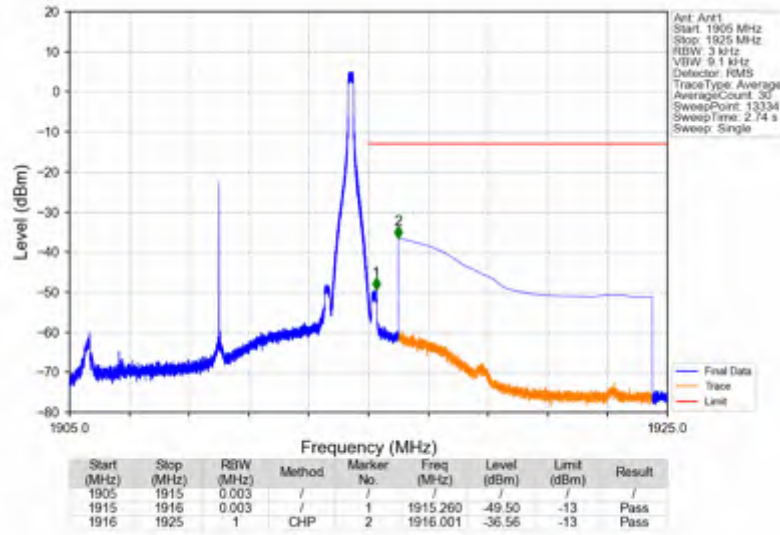
Band25_10MHz_64QAM_HCH_1910MHz_RB_1_0_NTNV



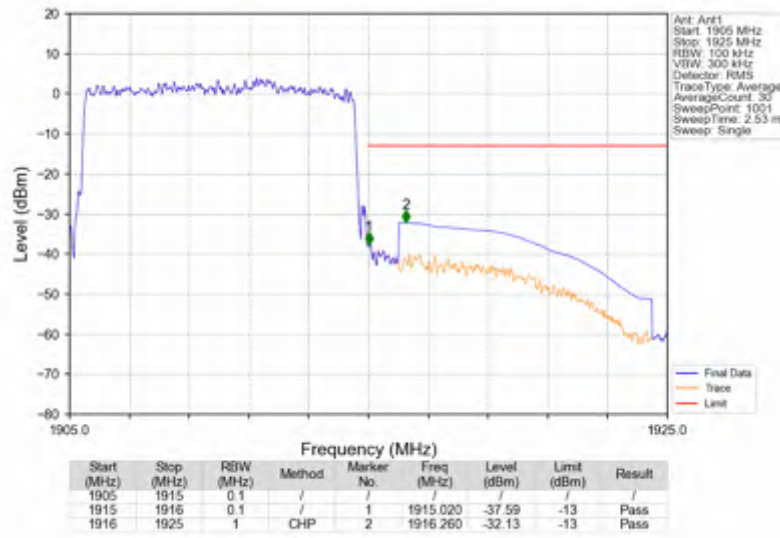
Band25_10MHz_64QAM_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_64QAM_HCH_1910MHz_RB_1_49_NTNV



Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



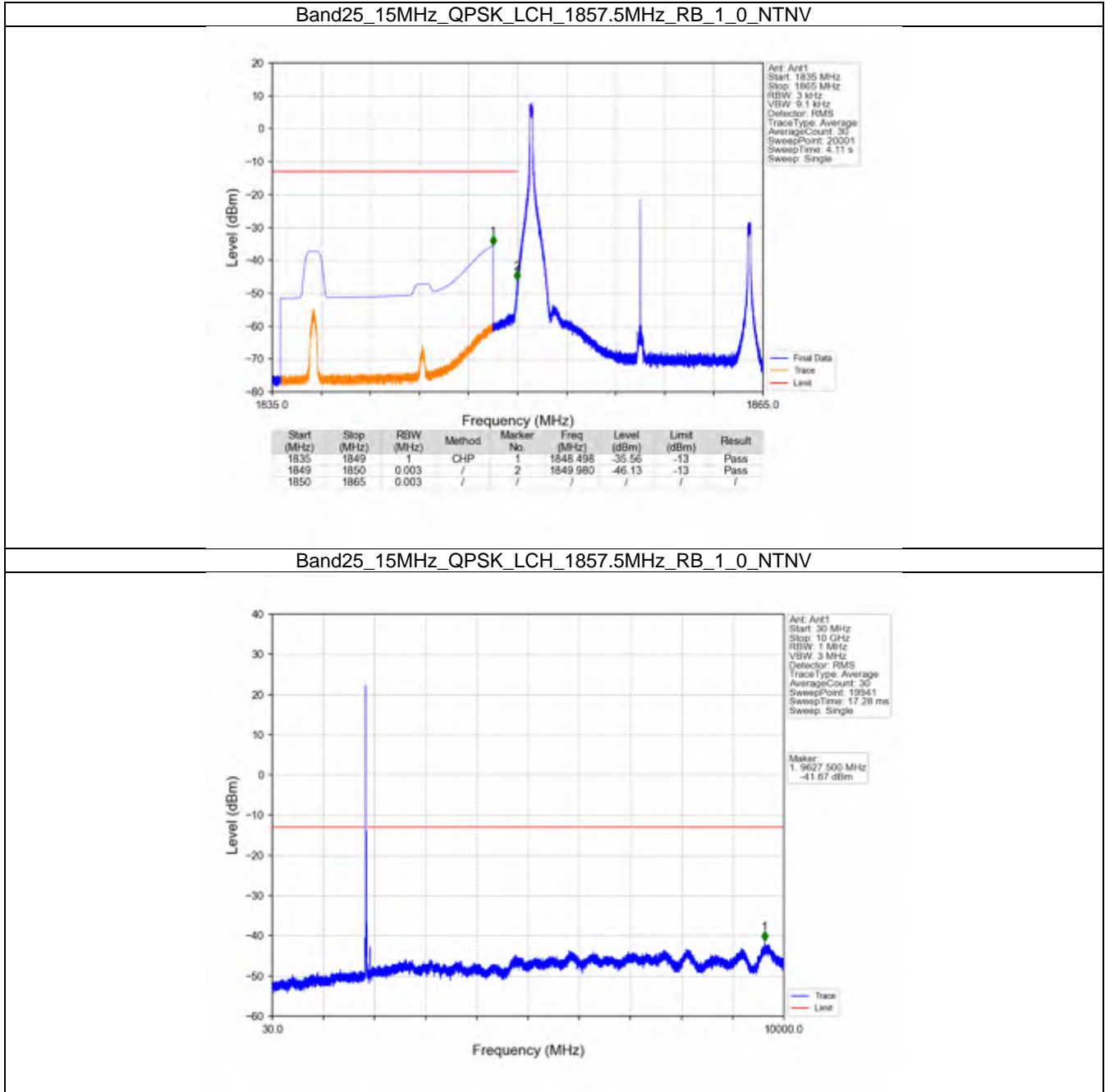


6.5 B25_15MHz

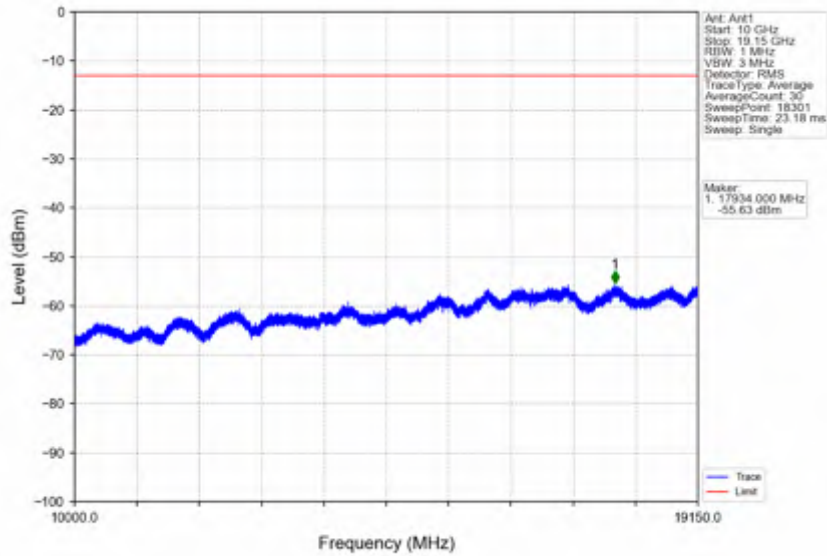
6.5.1 Test Result

| Band: 25 / Bandwidth: 15MHz / NTV | | | | | | |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1857.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 1907.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1857.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 1907.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |
| 64QAM | 1857.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 1907.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | | | 0 | Refer To Test Graph | | Pass |

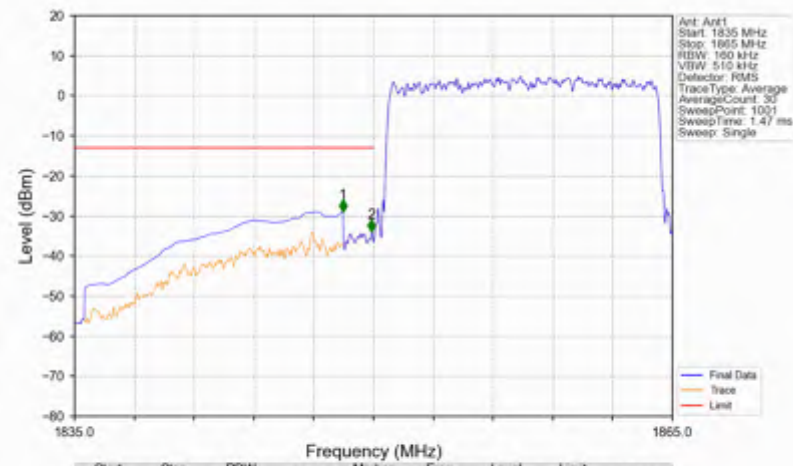
6.5.2 Test Graph



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

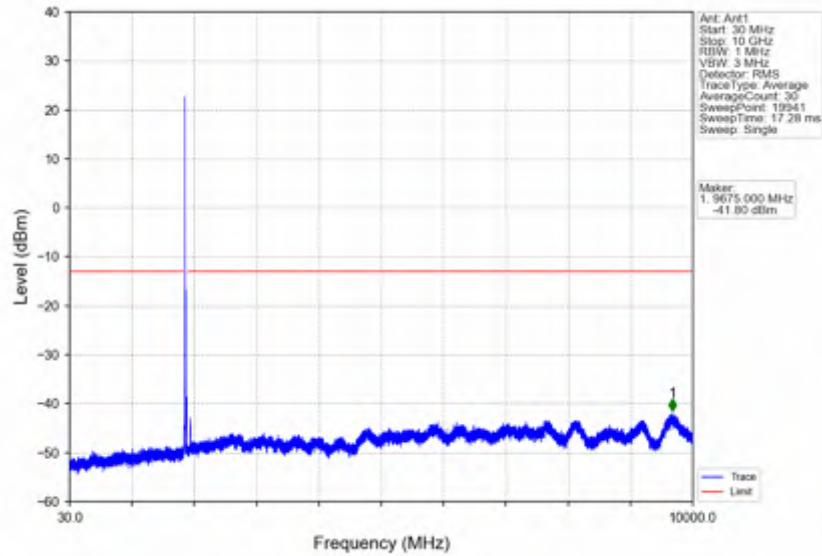


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

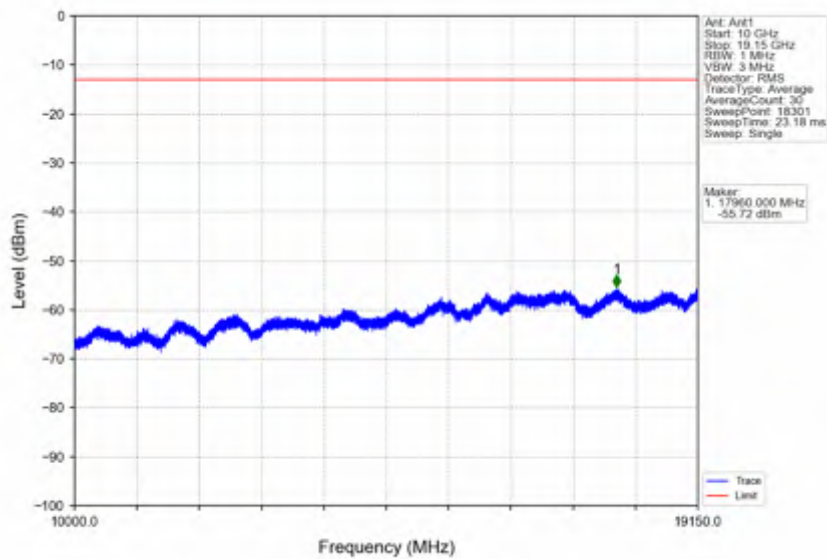


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835 | 1849 | 1 | CHP | 1 | 1848.470 | -29.00 | -13 | Pass |
| 1849 | 1850 | 0.16 | / | 2 | 1849.910 | -33.95 | -13 | Pass |
| 1850 | 1865 | 0.16 | / | / | / | / | / | / |

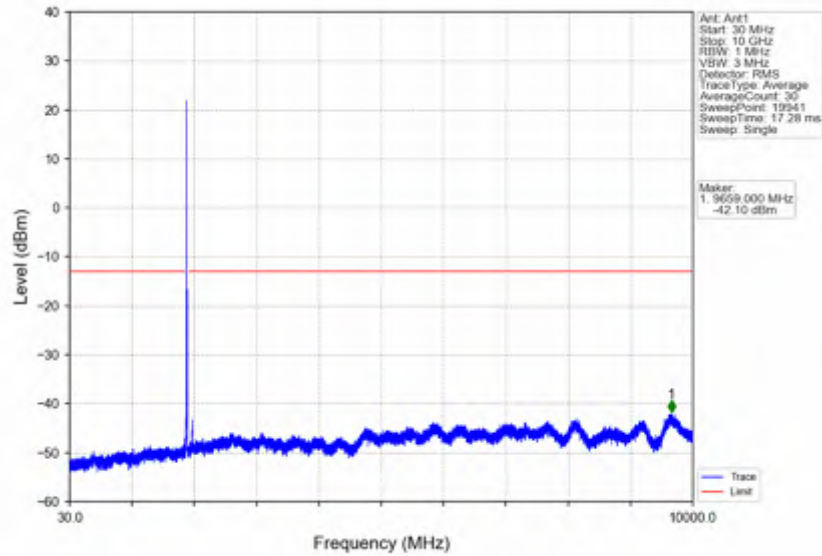
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



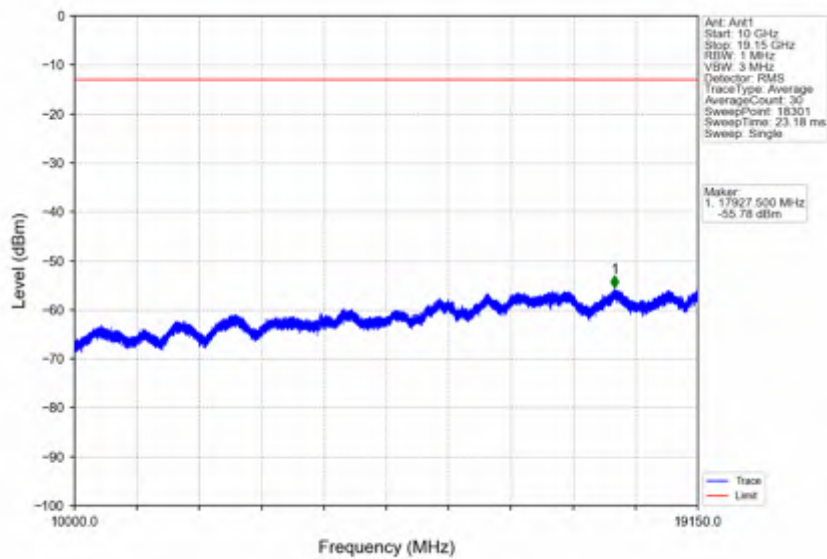
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



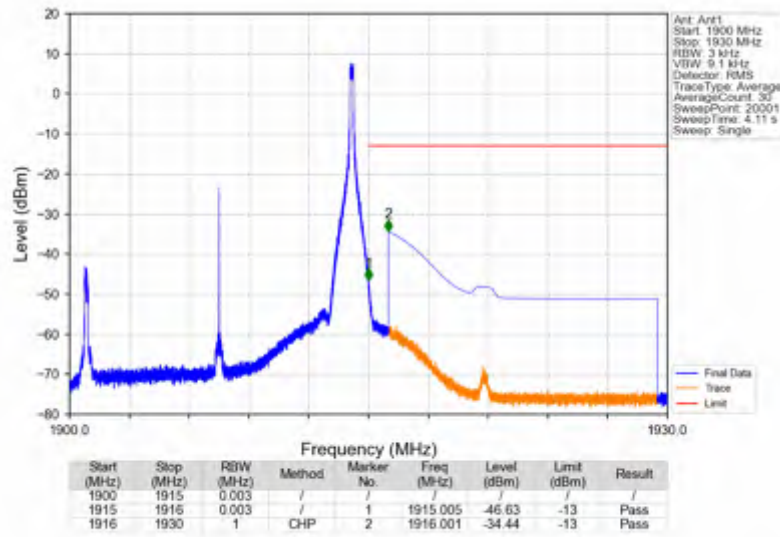
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



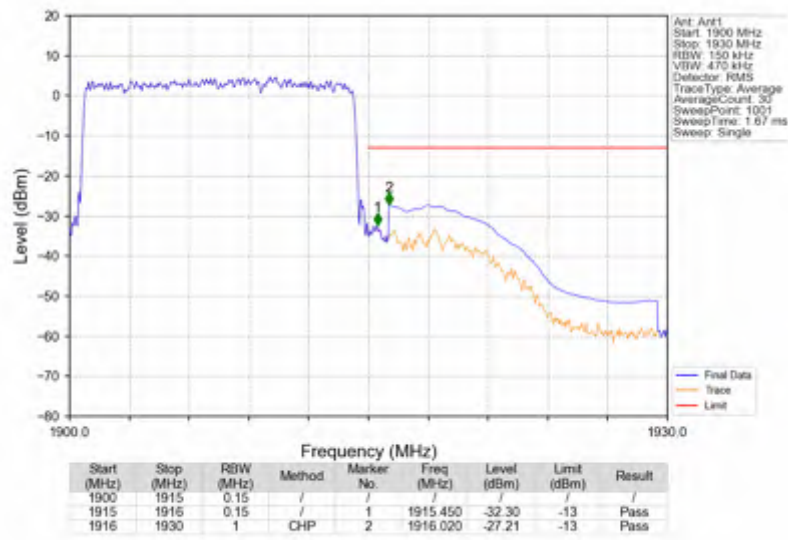
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



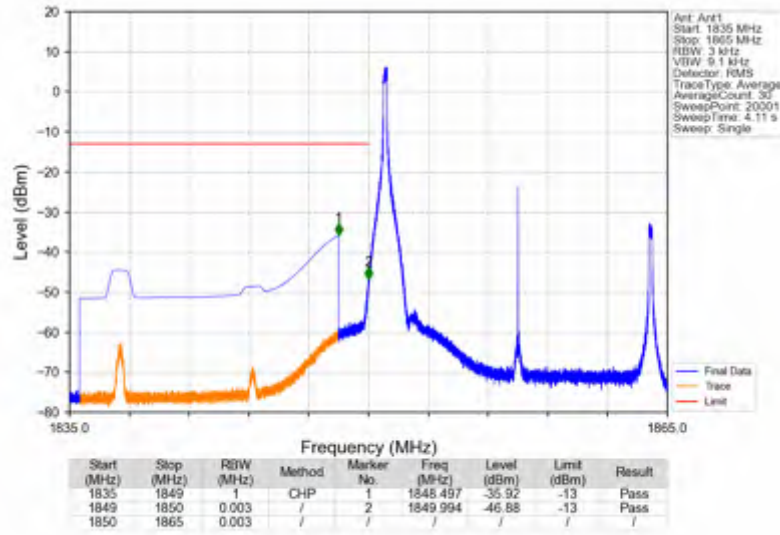
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



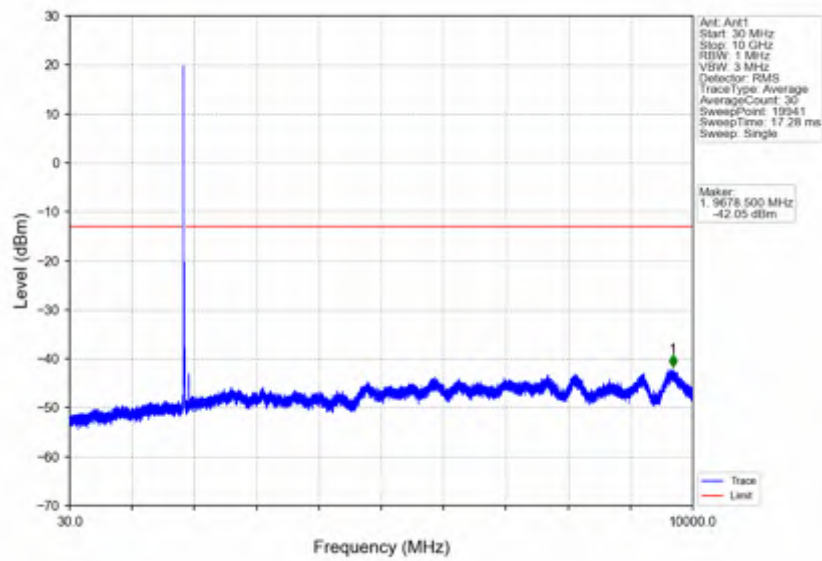
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



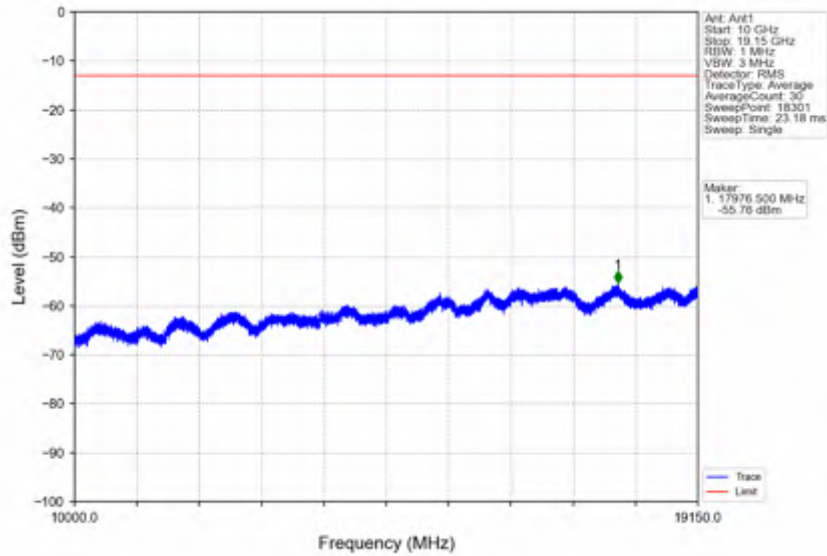
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



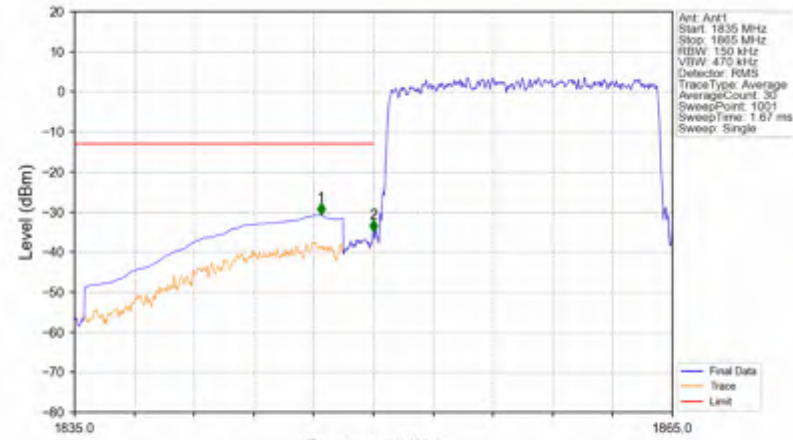
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

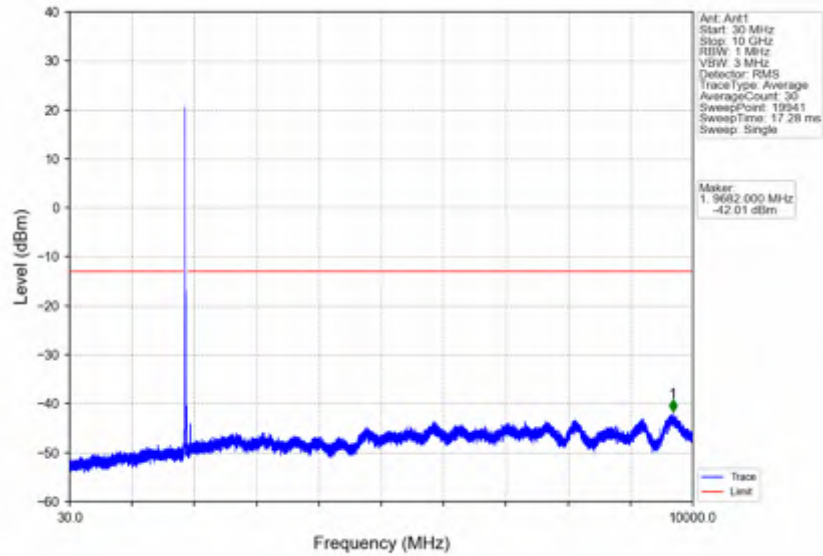


Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

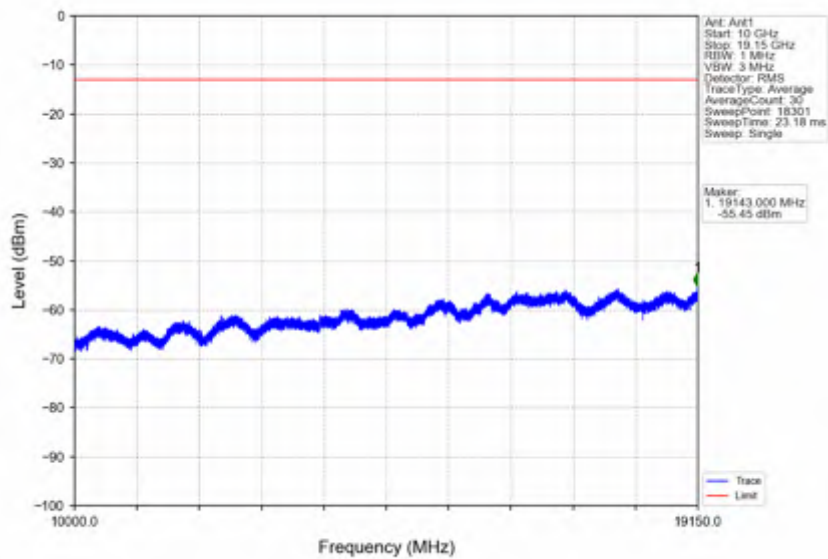


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835 | 1849 | 1 | CHP | 1 | 1847.360 | -30.79 | -13 | Pass |
| 1849 | 1850 | 0.15 | / | 2 | 1850.000 | -34.98 | -13 | Pass |
| 1850 | 1865 | 0.15 | / | / | / | / | / | / |

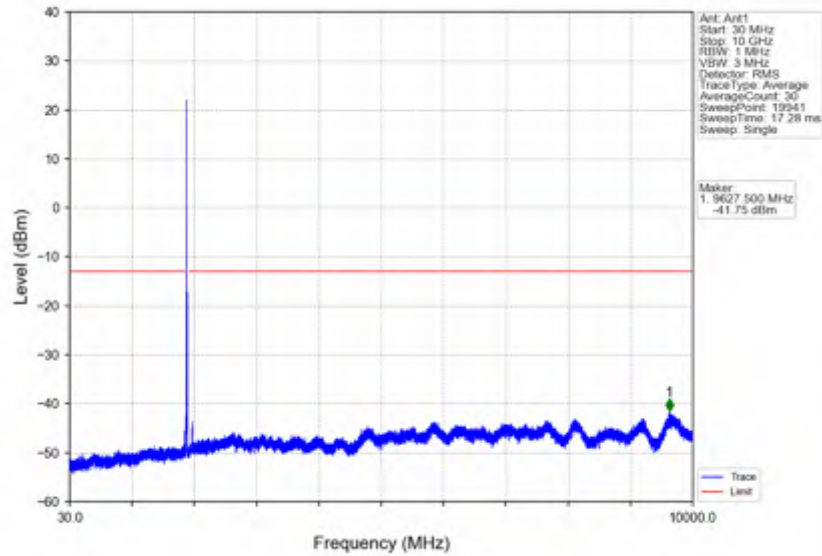
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



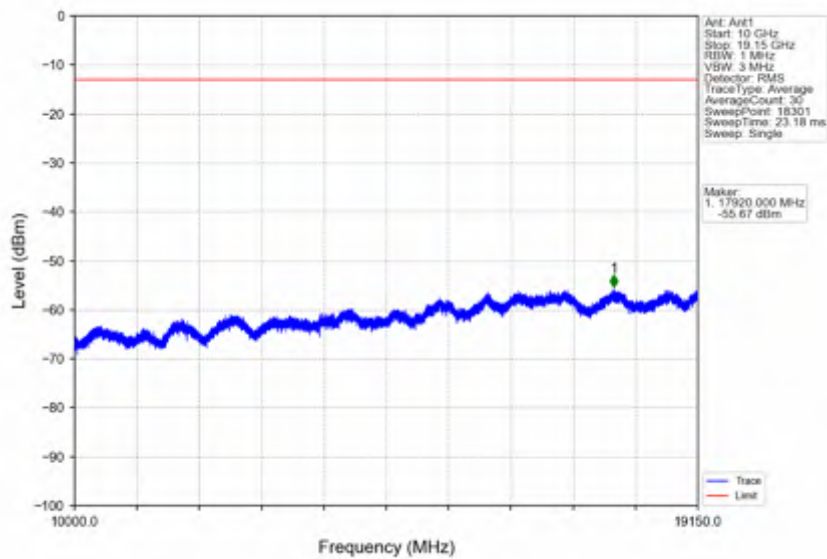
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



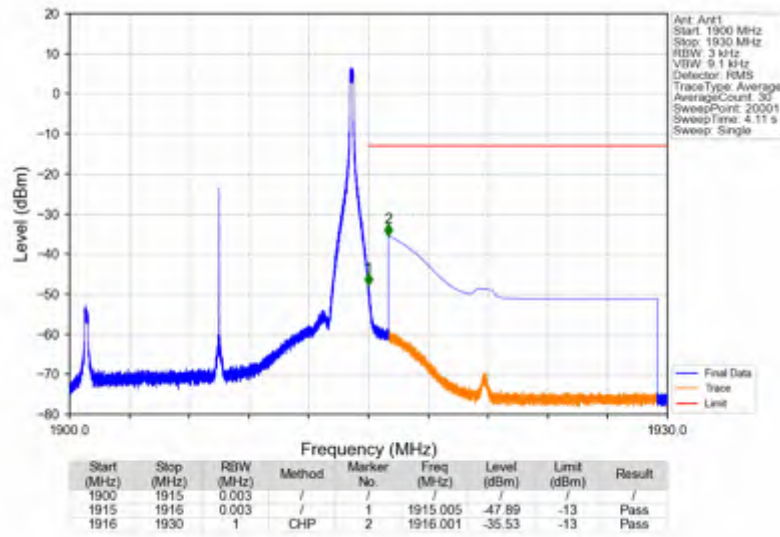
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



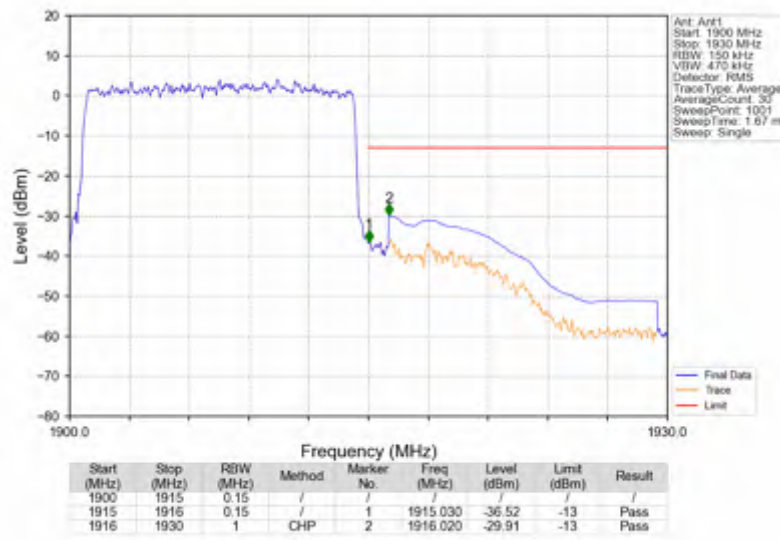
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



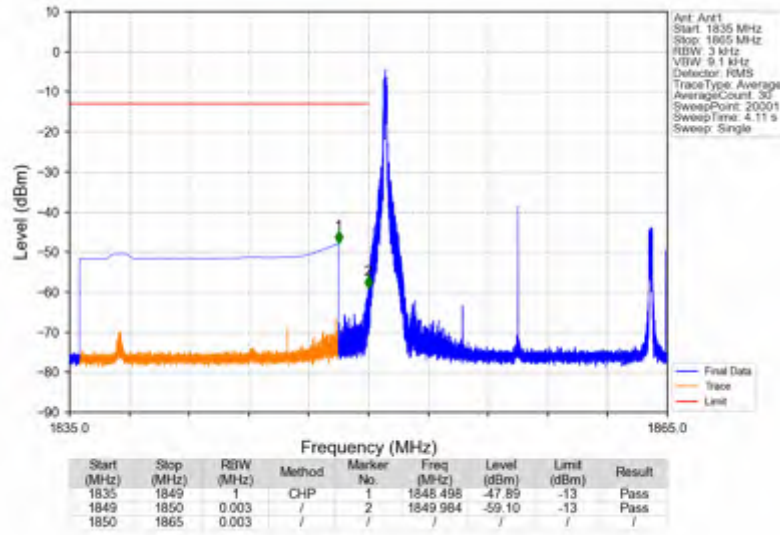
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_74_NTNV



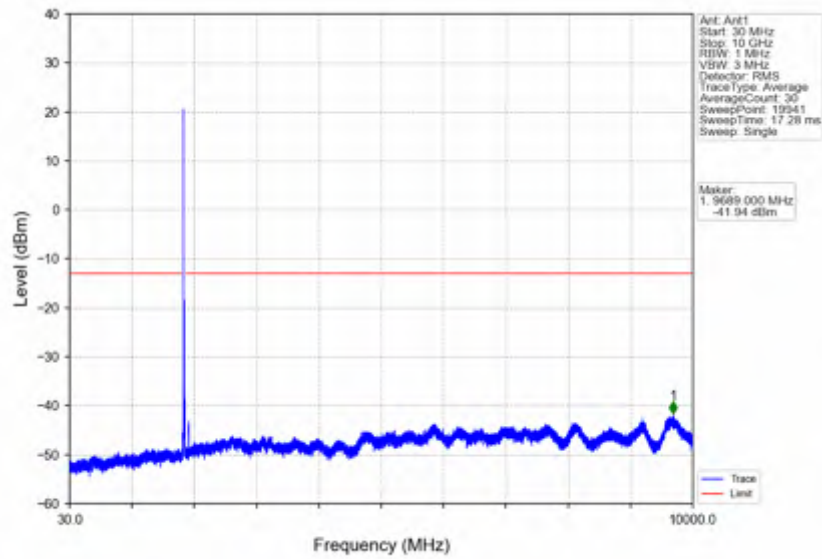
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



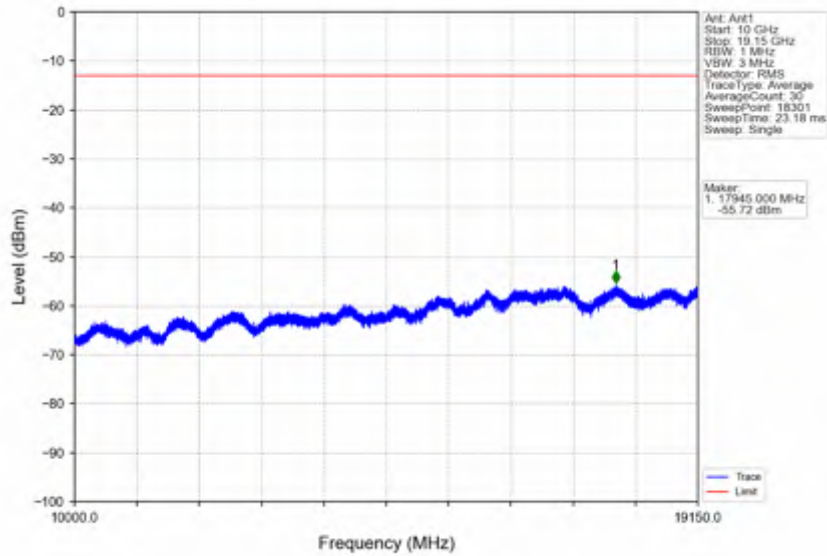
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



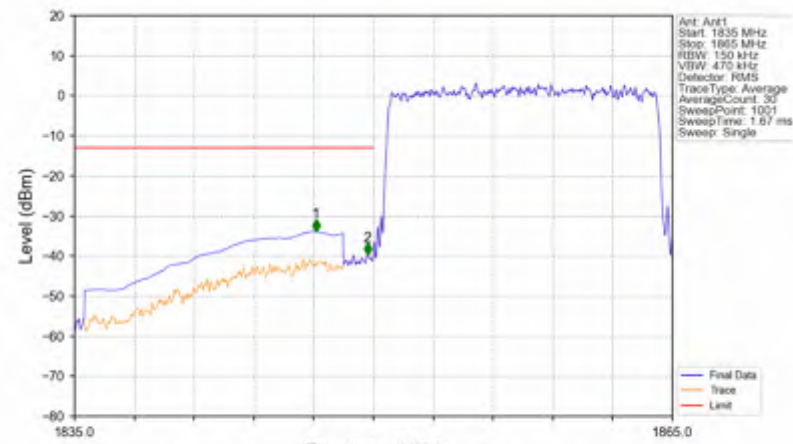
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV

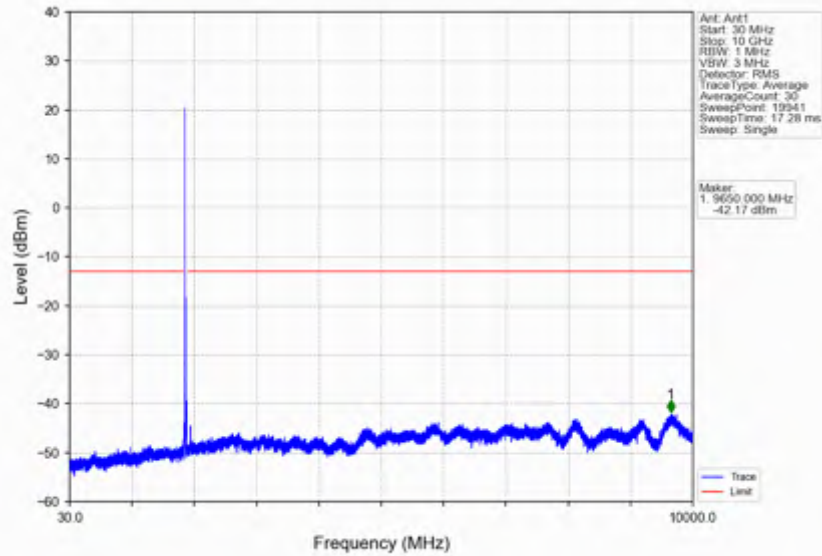


Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV

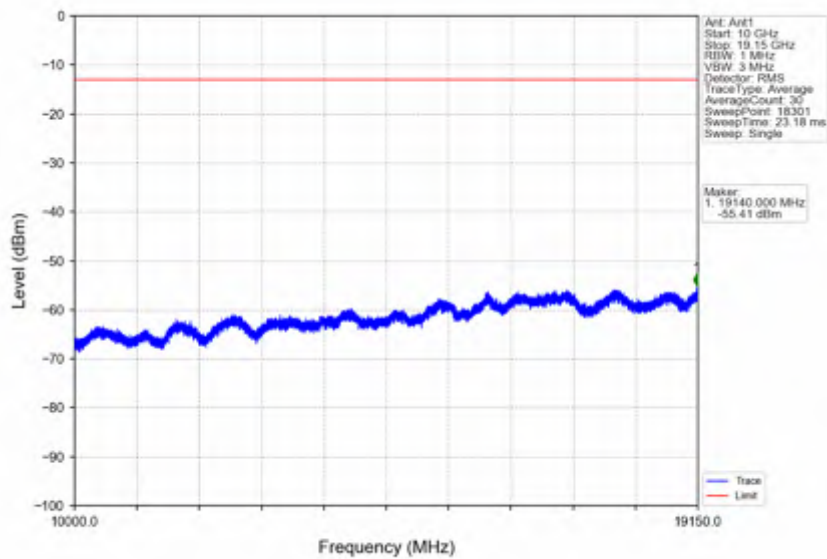


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835 | 1849 | 1 | CHP | 1 | 1847.120 | -33.90 | -13 | Pass |
| 1849 | 1850 | 0.15 | / | 2 | 1849.700 | -39.77 | -13 | Pass |
| 1850 | 1865 | 0.15 | / | / | / | / | / | / |

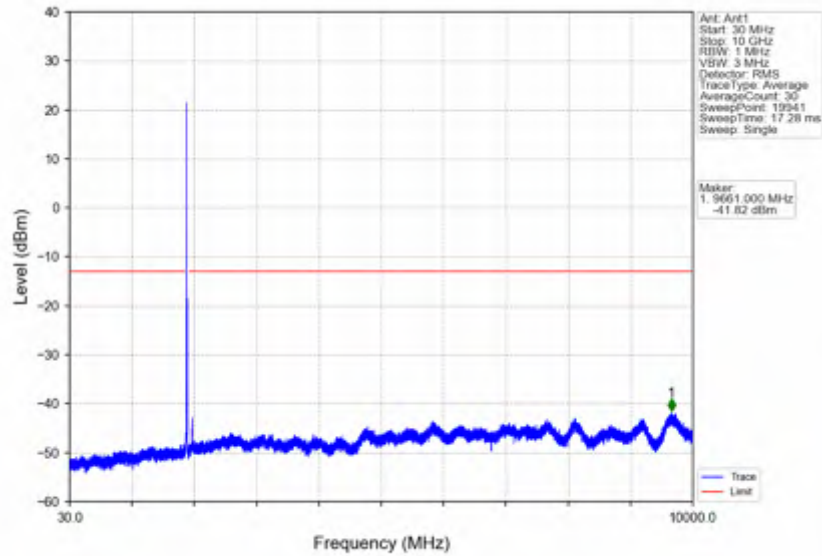
Band25_15MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



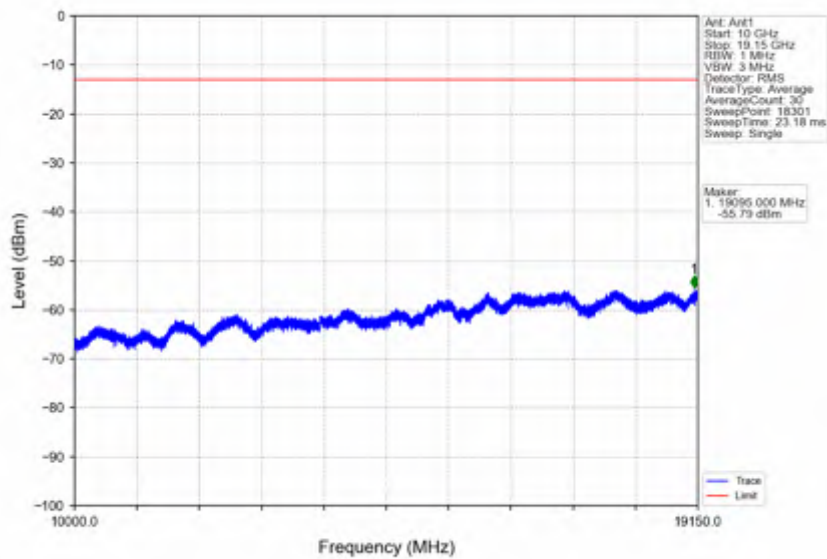
Band25_15MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



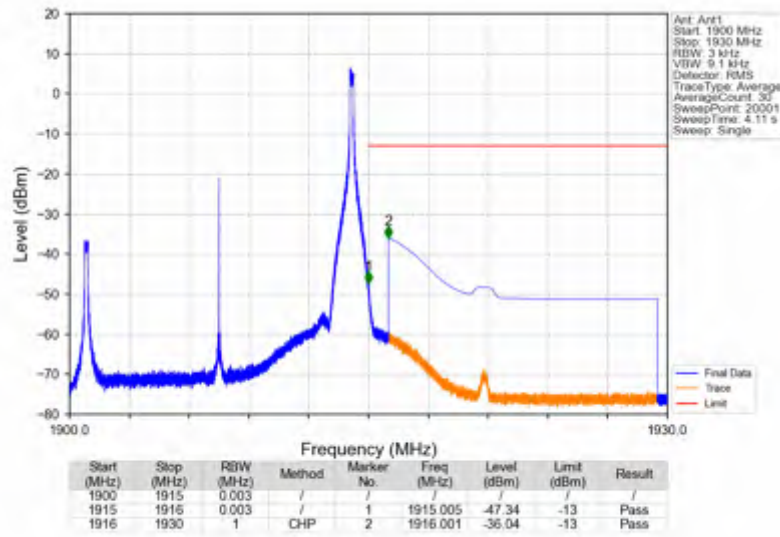
Band25_15MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



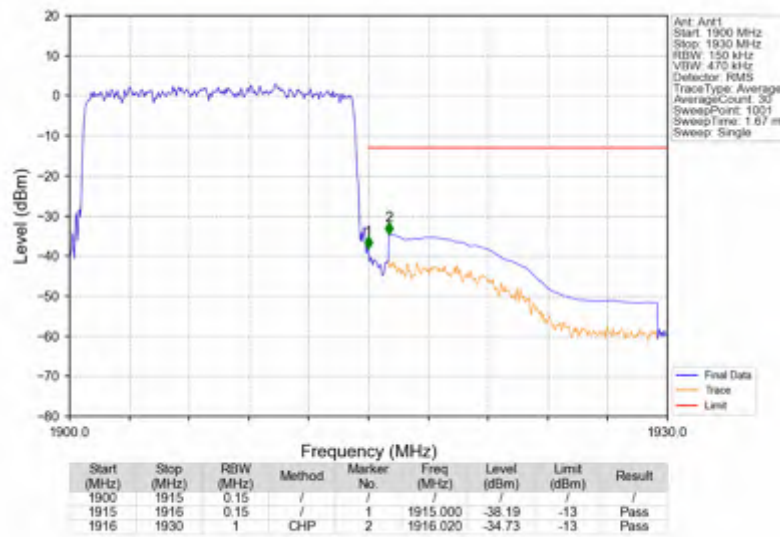
Band25_15MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_64QAM_HCH_1907.5MHz_RB_1_74_NTNV



Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



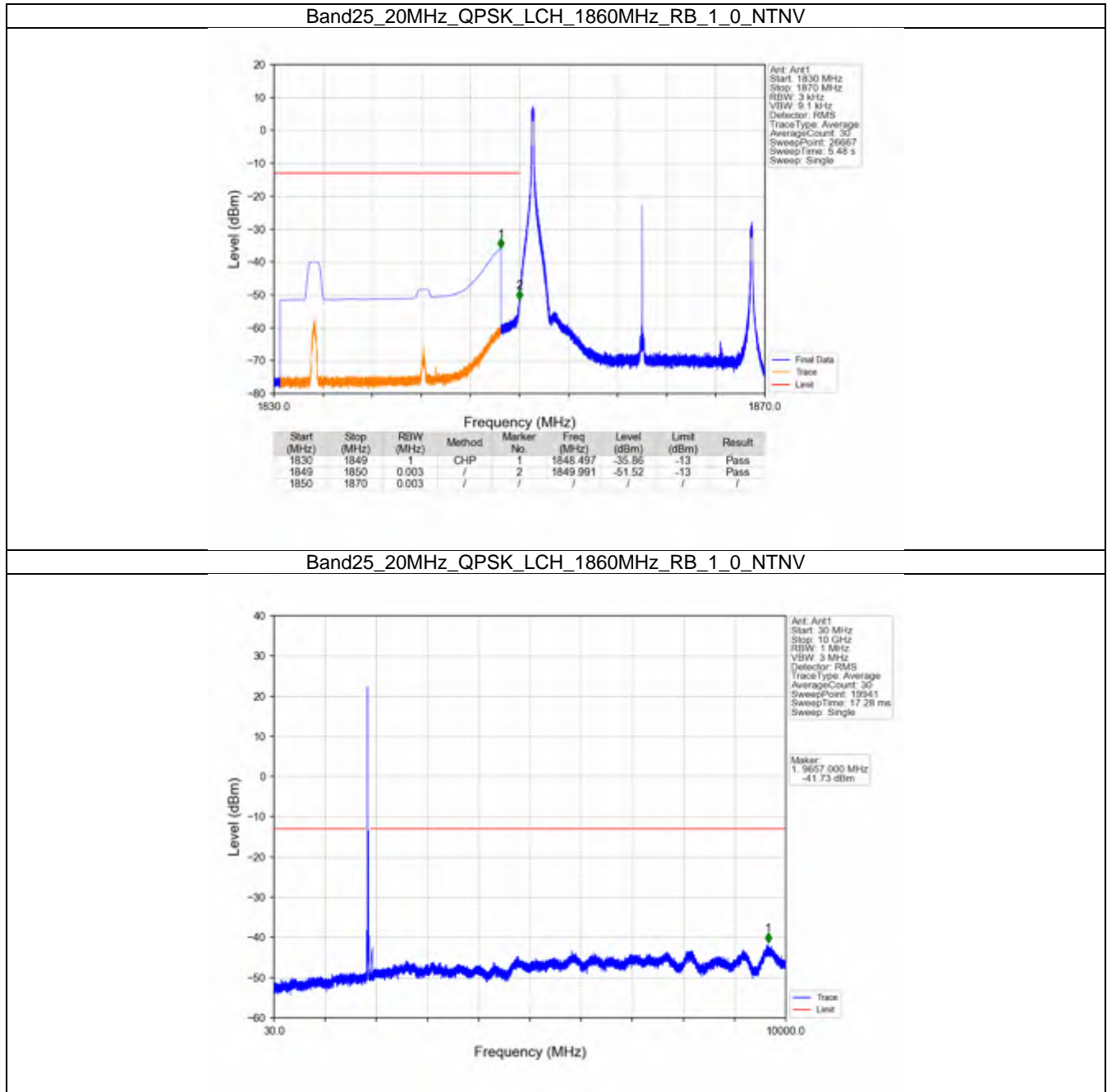


6.6 B25_20MHz

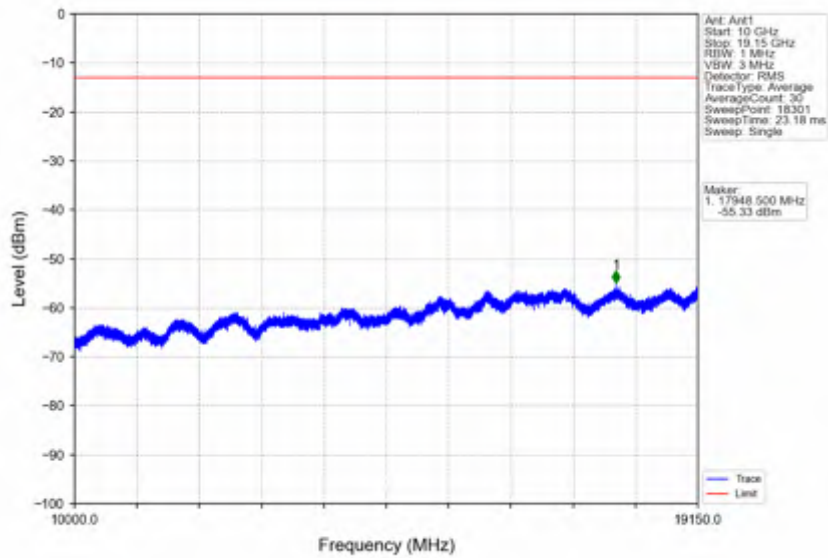
6.6.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTV | | | | | | | |
|-----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict | |
| | | Size | Offset | Result | Limit | | |
| QPSK | 1860 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 100 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1905 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass | |
| 16QAM | 1860 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 100 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1905 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass | |
| 64QAM | 1860 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 100 | 0 | Refer To Test Graph | | Pass | |
| | 1882.5 | 1 | 0 | Refer To Test Graph | | Pass | |
| | | 1905 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass | |

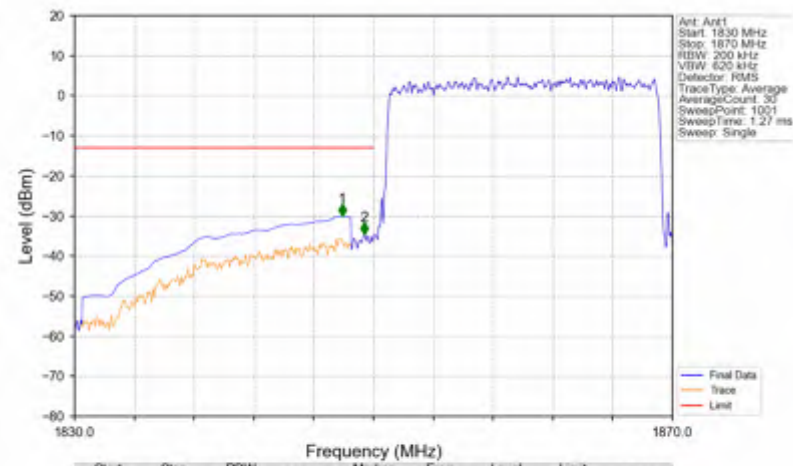
6.6.2 Test Graph



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

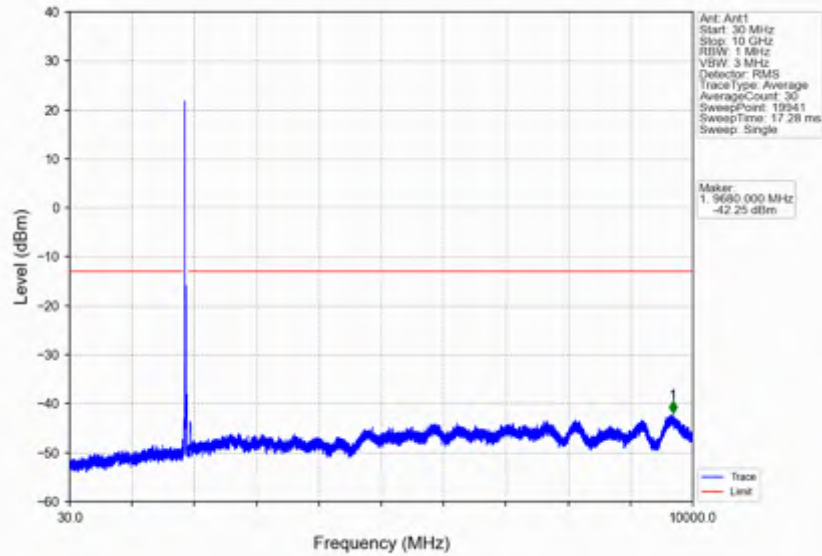


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

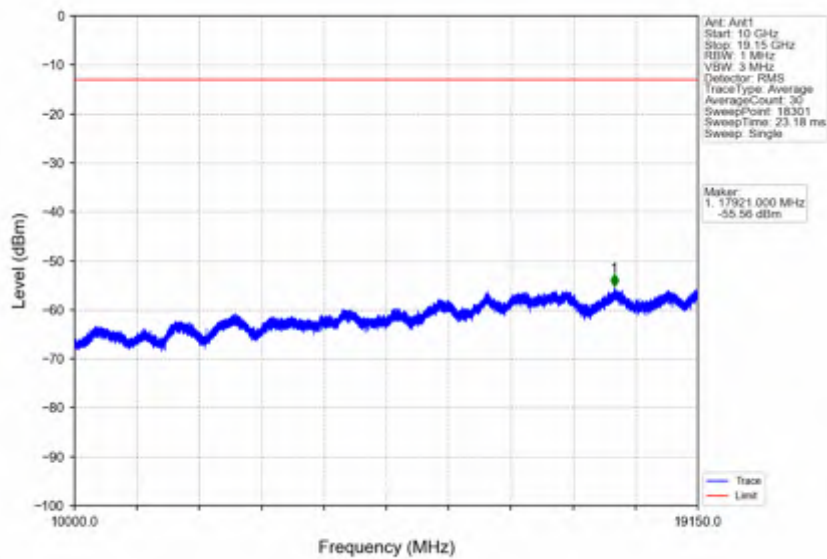


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830 | 1849 | 1 | CHP | 1 | 1847.520 | -30.05 | -13 | Pass |
| 1849 | 1850 | 0.2 | / | 2 | 1849.400 | -34.74 | -13 | Pass |
| 1850 | 1870 | 0.2 | / | / | / | / | / | / |

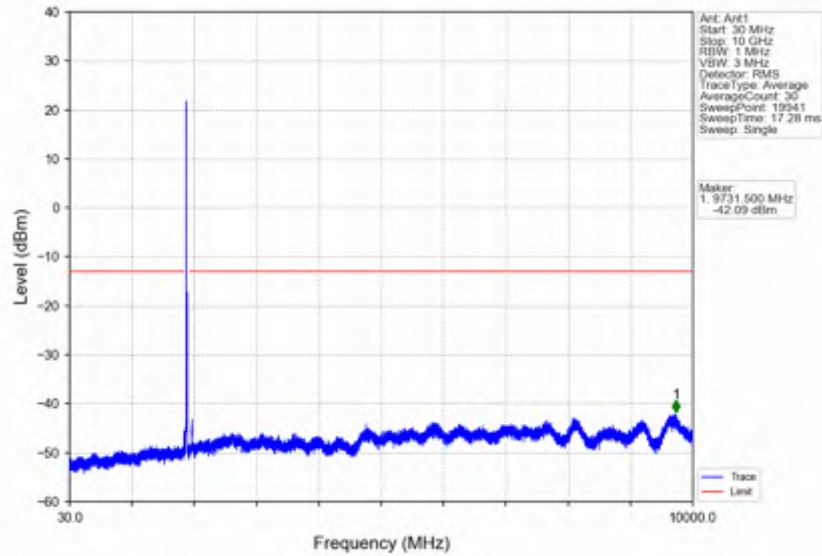
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



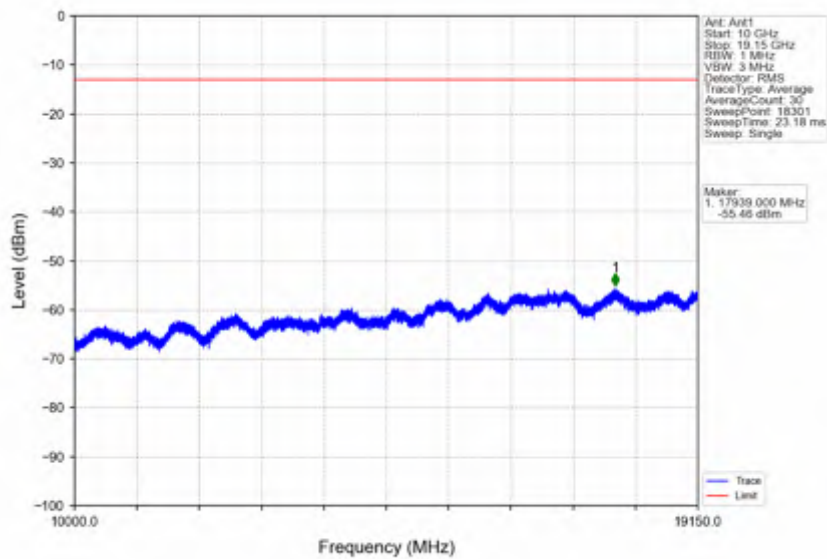
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



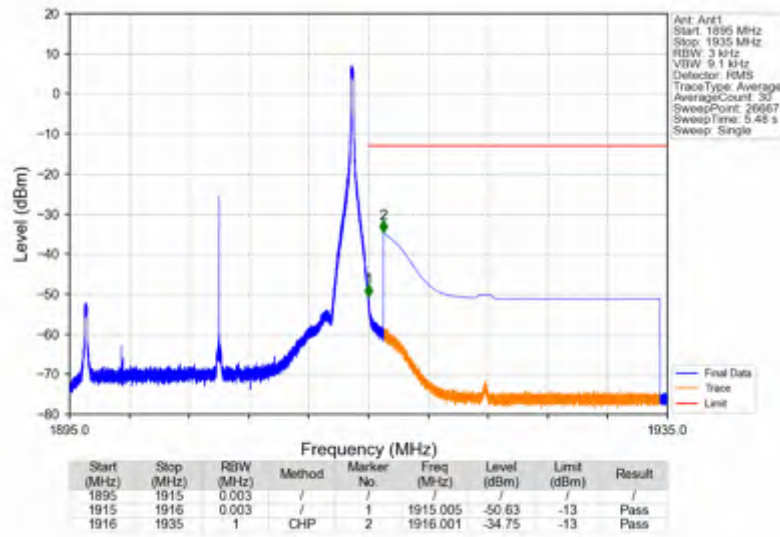
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



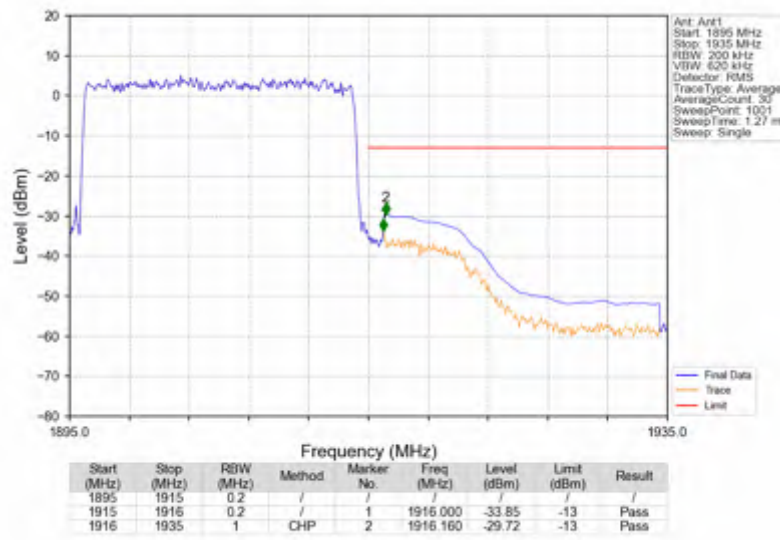
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



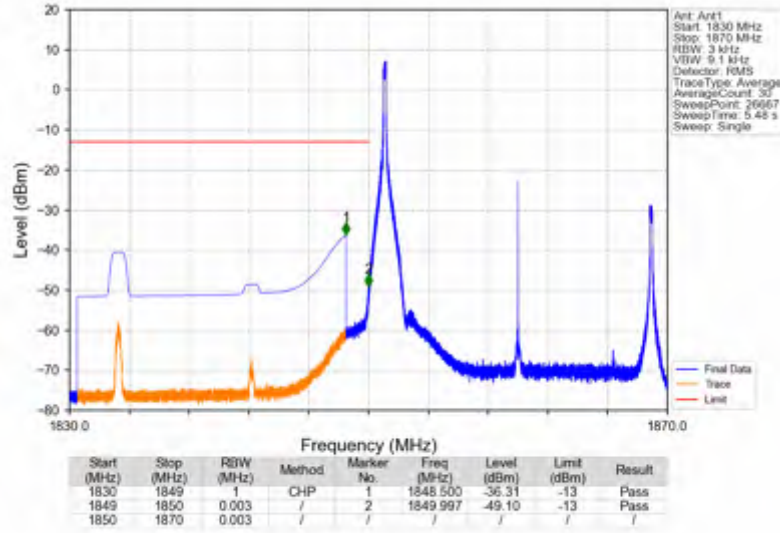
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



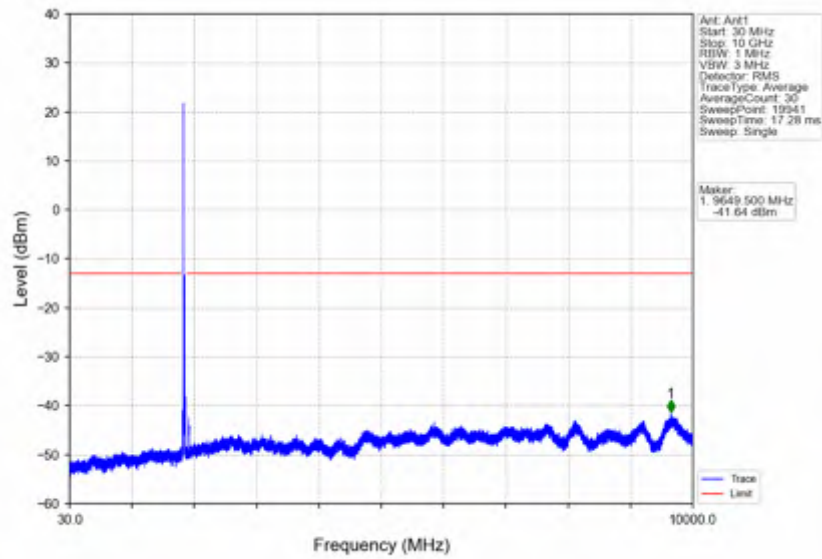
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



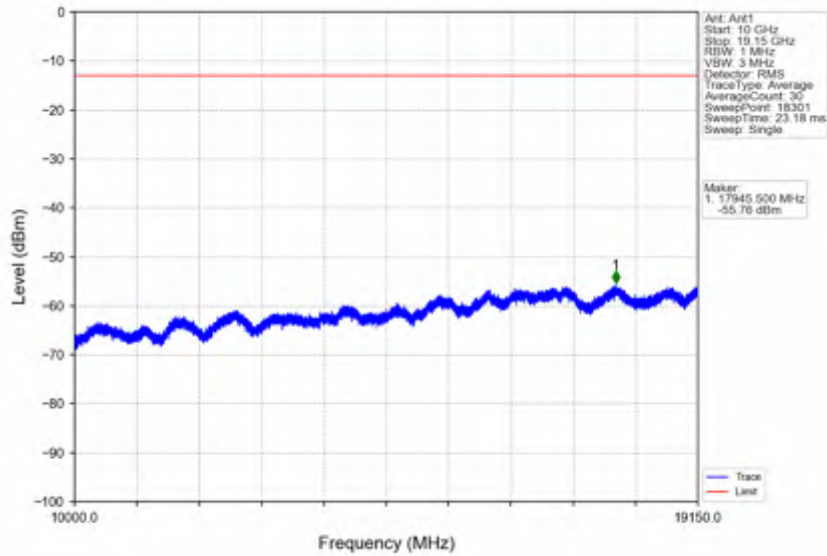
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



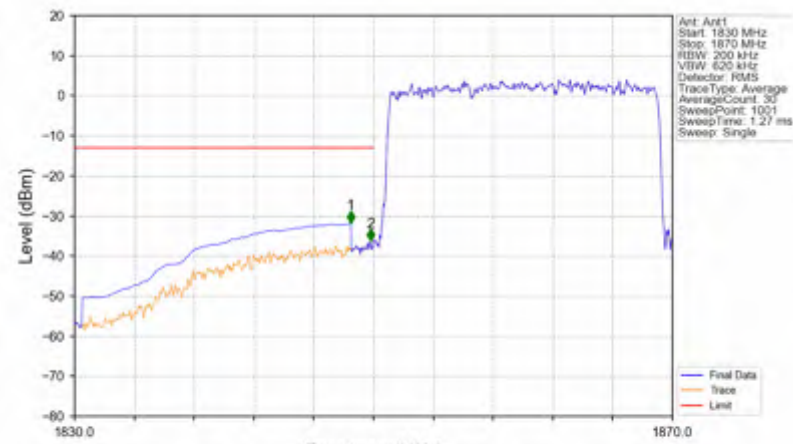
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

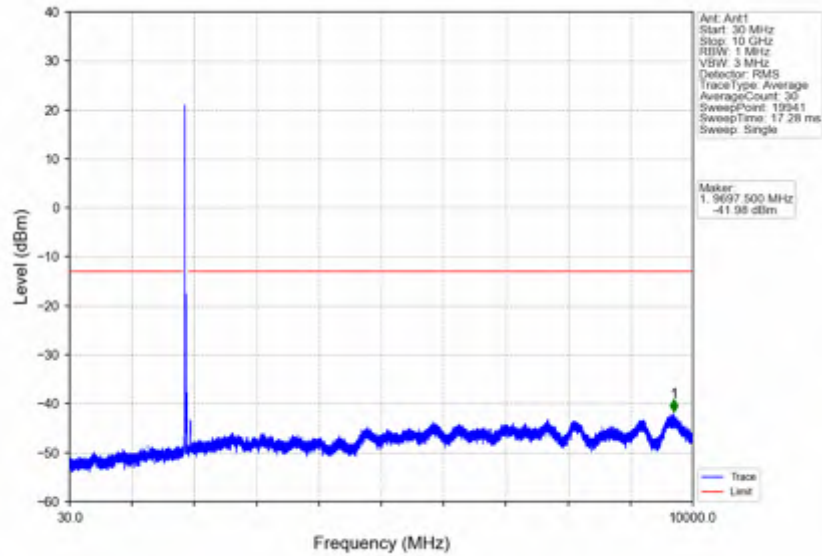


Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

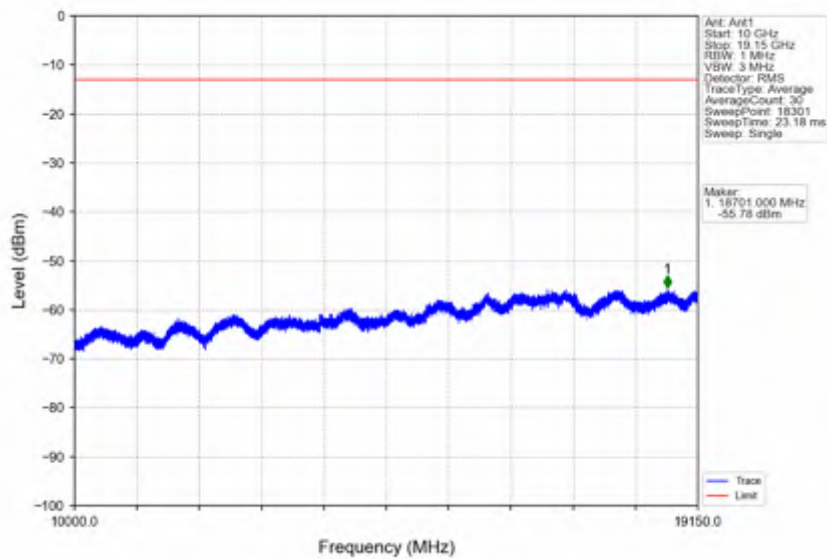


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830 | 1849 | 1 | CHP | 1 | 1845.480 | -31.77 | -13 | Pass |
| 1849 | 1850 | 0.2 | / | 2 | 1849.800 | -36.28 | -13 | Pass |
| 1850 | 1870 | 0.2 | / | / | / | / | / | / |

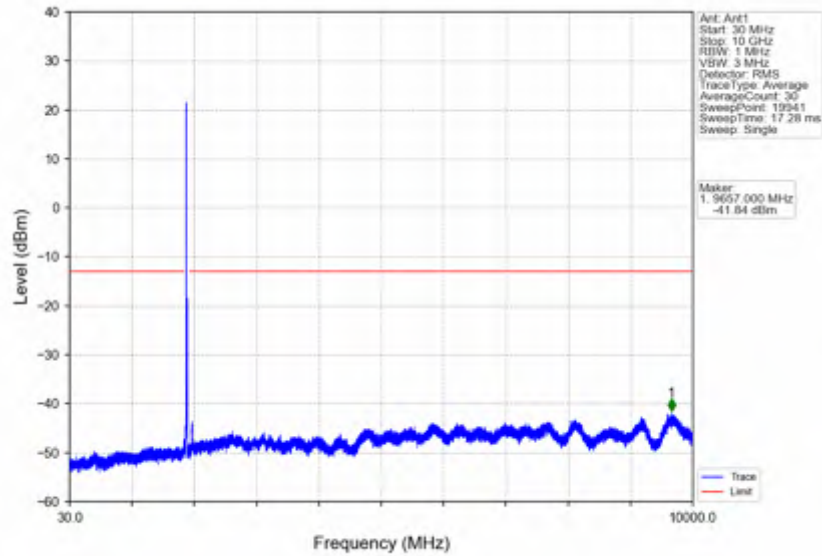
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



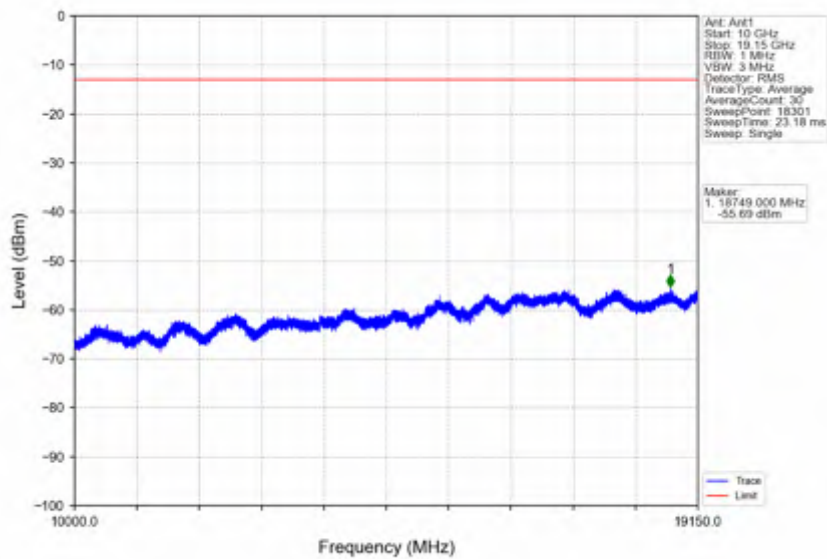
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



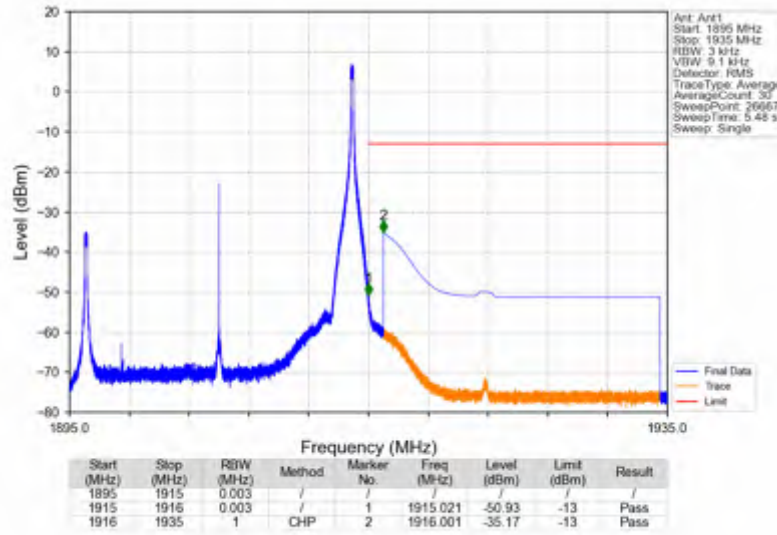
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



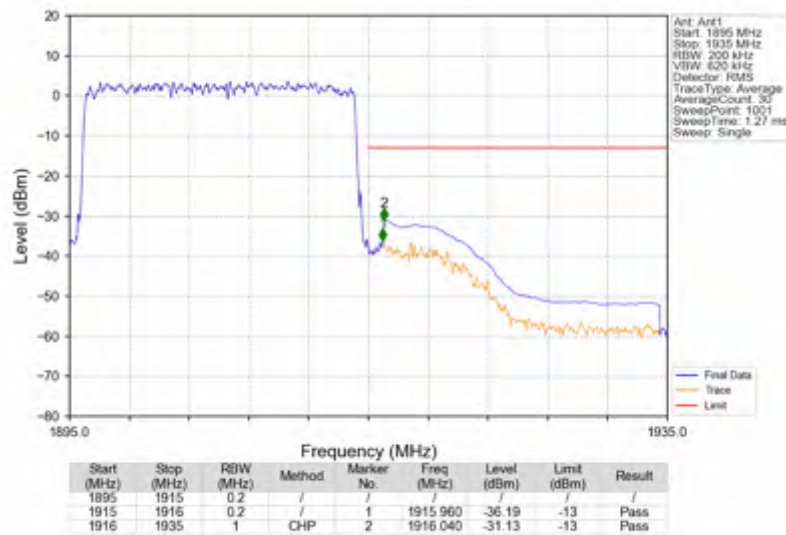
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



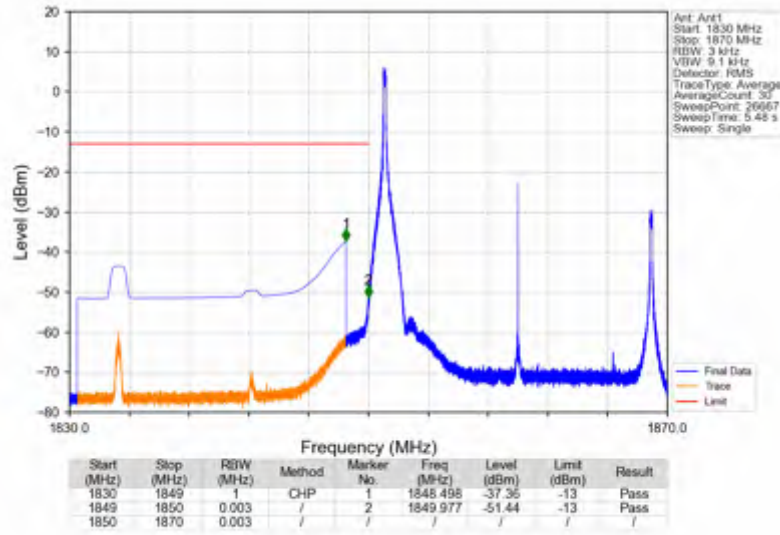
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_99_NTNV



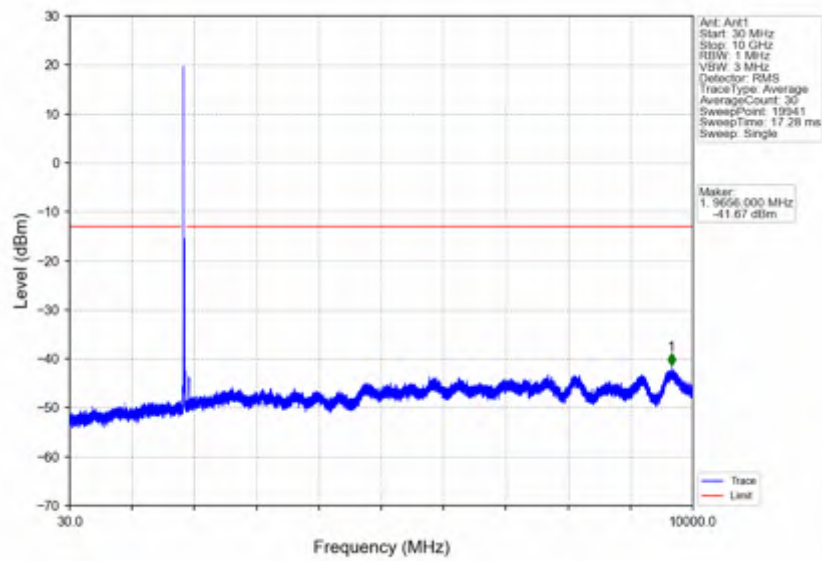
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



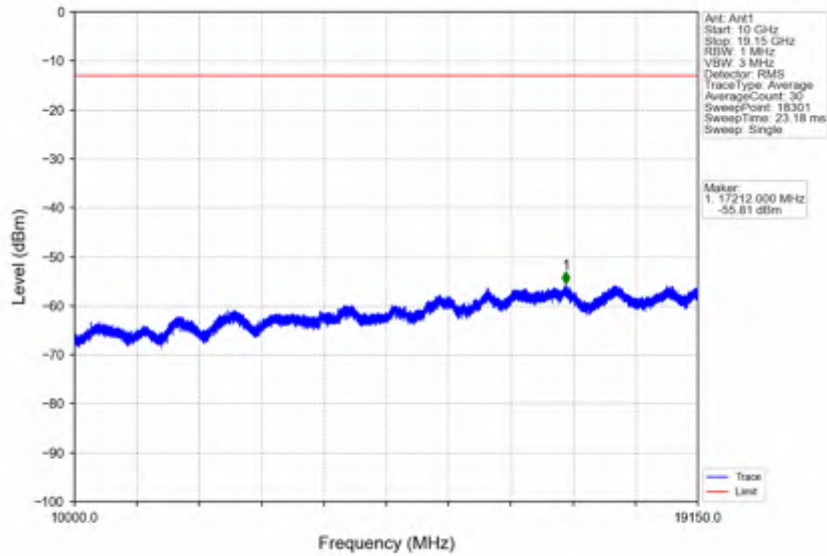
Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



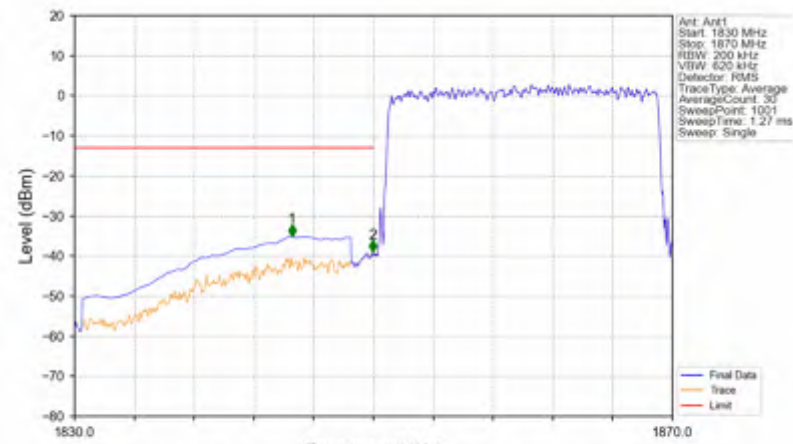
Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV

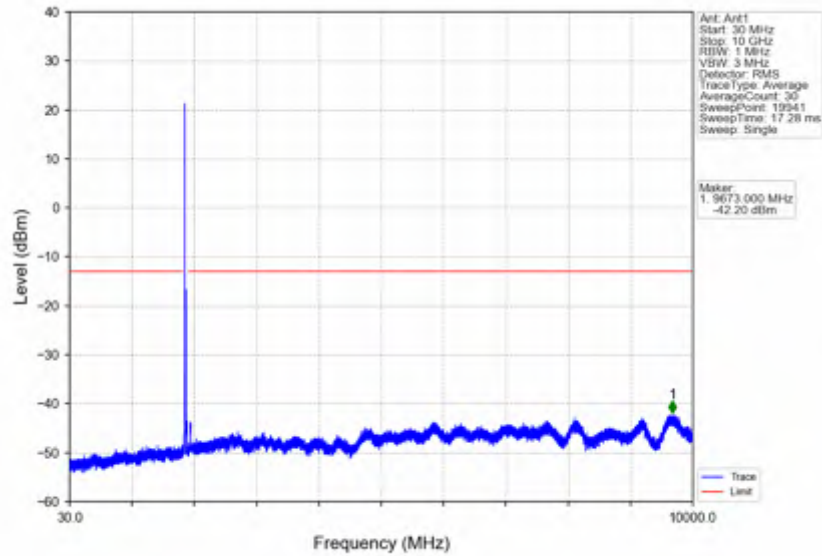


Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

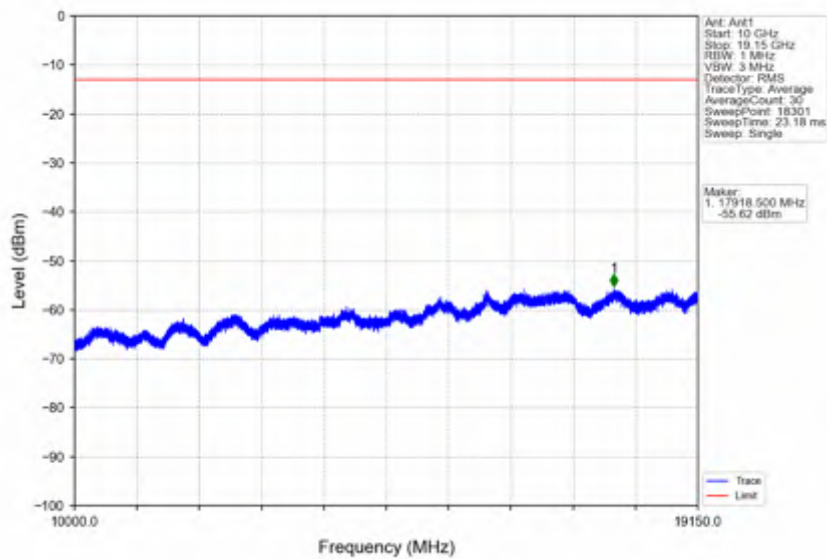


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830 | 1849 | 1 | CHP | 1 | 1844.560 | -35.14 | -13 | Pass |
| 1849 | 1850 | 0.2 | / | 2 | 1849.960 | -39.15 | -13 | Pass |
| 1850 | 1870 | 0.2 | / | / | / | / | / | / |

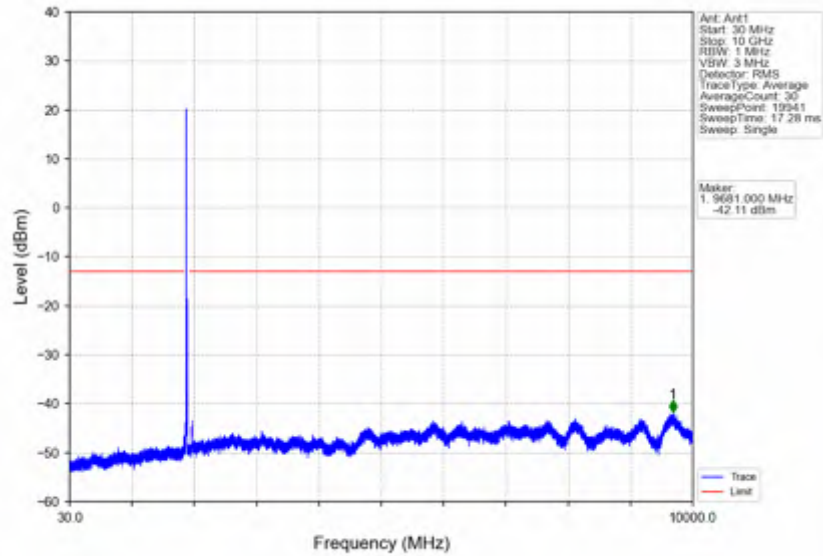
Band25_20MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



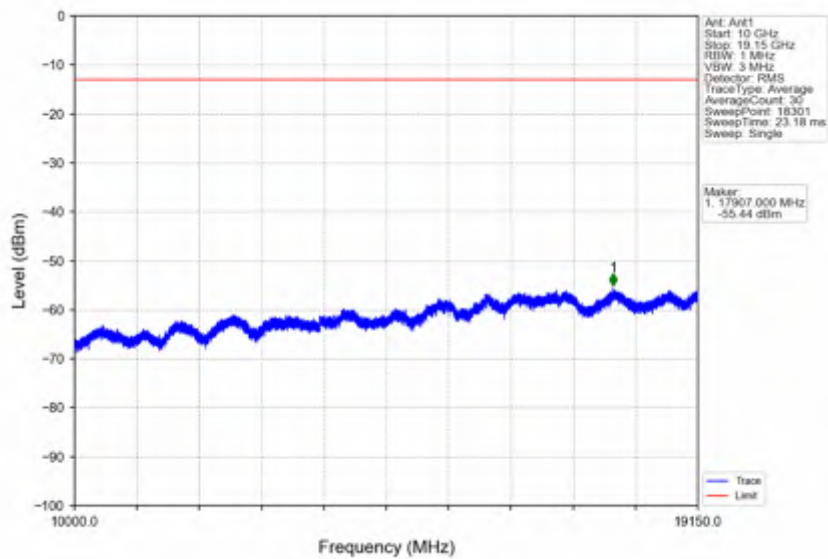
Band25_20MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



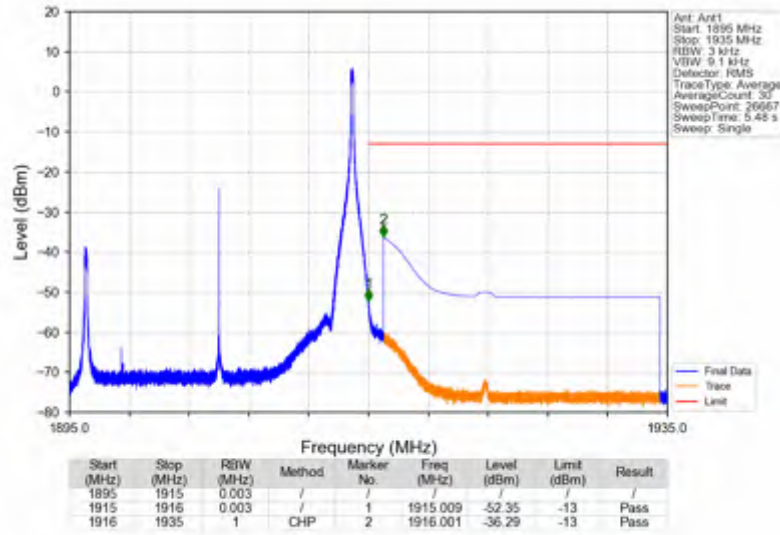
Band25_20MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_1_99_NTNV



Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV

