# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B42c_5MHz_EIRP

| Band: 42c / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3552.5 | 1 | 0 | 24.75 | -6.12 | 18.63 | / | Pass |
| | | | 13 | 24.63 | -6.12 | 18.51 | / | Pass |
| | | | 24 | 24.55 | -6.12 | 18.43 | / | Pass |
| | | 12 | 0 | 24.00 | -6.12 | 17.88 | / | Pass |
| | | | 6 | 23.99 | -6.12 | 17.87 | / | Pass |
| | | | 13 | 24.08 | -6.12 | 17.96 | / | Pass |
| | | 25 | 0 | 24.12 | -6.12 | 18.00 | / | Pass |
| | 3575 | 1 | 0 | 24.64 | -6.12 | 18.52 | / | Pass |
| | | | 13 | 24.60 | -6.12 | 18.48 | / | Pass |
| | | | 24 | 24.62 | -6.12 | 18.50 | / | Pass |
| | | 12 | 0 | 23.82 | -6.12 | 17.70 | / | Pass |
| | | | 6 | 23.97 | -6.12 | 17.85 | / | Pass |
| | | | 13 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | 25 | 0 | 23.96 | -6.12 | 17.84 | / | Pass |
| | 3597.5 | 1 | 0 | 24.27 | -6.12 | 18.15 | / | Pass |
| | | | 13 | 24.35 | -6.12 | 18.23 | / | Pass |
| | | | 24 | 24.14 | -6.12 | 18.02 | / | Pass |
| | | 12 | 0 | 23.55 | -6.12 | 17.43 | / | Pass |
| | | | 6 | 23.67 | -6.12 | 17.55 | / | Pass |
| | | | 13 | 23.47 | -6.12 | 17.35 | / | Pass |
| | | 25 | 0 | 23.65 | -6.12 | 17.53 | / | Pass |
| 16QAM | 3552.5 | 1 | 0 | 24.42 | -6.12 | 18.30 | / | Pass |
| | | | 13 | 24.27 | -6.12 | 18.15 | / | Pass |
| | | | 24 | 24.04 | -6.12 | 17.92 | / | Pass |
| | | 12 | 0 | 23.18 | -6.12 | 17.06 | / | Pass |
| | | | 6 | 23.15 | -6.12 | 17.03 | / | Pass |
| | | | 13 | 22.94 | -6.12 | 16.82 | / | Pass |
| | | 25 | 0 | 23.16 | -6.12 | 17.04 | / | Pass |
| | 3575 | 1 | 0 | 23.87 | -6.12 | 17.75 | / | Pass |
| | | | 13 | 23.90 | -6.12 | 17.78 | / | Pass |
| | | | 24 | 23.82 | -6.12 | 17.70 | / | Pass |
| | | 12 | 0 | 22.83 | -6.12 | 16.71 | / | Pass |
| | | | 6 | 22.85 | -6.12 | 16.73 | / | Pass |
| | | | 13 | 22.98 | -6.12 | 16.86 | / | Pass |
| | | 25 | 0 | 22.82 | -6.12 | 16.70 | / | Pass |
| | 3597.5 | 1 | 0 | 23.69 | -6.12 | 17.57 | / | Pass |
| | | | 13 | 23.72 | -6.12 | 17.60 | / | Pass |
| | | | 24 | 23.65 | -6.12 | 17.53 | / | Pass |
| | | 12 | 0 | 22.56 | -6.12 | 16.44 | / | Pass |
| | | | 6 | 22.56 | -6.12 | 16.44 | / | Pass |
| | | | 13 | 22.49 | -6.12 | 16.37 | / | Pass |
| | | 25 | 0 | 22.50 | -6.12 | 16.38 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.2 B42c_5MHz_EIRP/10MHz

| Band: 42c / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3552.5 | 1 | 0 | 25.39 | -6.12 | 19.27 | <=23 | Pass |
| | | | 13 | 25.58 | -6.12 | 19.46 | <=23 | Pass |
| | | | 24 | 25.45 | -6.12 | 19.33 | <=23 | Pass |
| | | 12 | 0 | 24.99 | -6.12 | 18.87 | <=23 | Pass |
| | | | 6 | 24.55 | -6.12 | 18.43 | <=23 | Pass |
| | | | 13 | 24.81 | -6.12 | 18.69 | <=23 | Pass |
| | | 25 | 0 | 24.85 | -6.12 | 18.73 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.50 | -6.12 | 18.38 | <=23 | Pass |
| | | | 13 | 24.33 | -6.12 | 18.21 | <=23 | Pass |
| | | | 24 | 23.98 | -6.12 | 17.86 | <=23 | Pass |
| | | 12 | 0 | 23.93 | -6.12 | 17.81 | <=23 | Pass |
| | | | 6 | 24.10 | -6.12 | 17.98 | <=23 | Pass |
| | | | 13 | 23.86 | -6.12 | 17.74 | <=23 | Pass |
| | | 25 | 0 | 23.64 | -6.12 | 17.52 | <=23 | Pass |
| | 3597.5 | 1 | 0 | 25.51 | -6.12 | 19.39 | <=23 | Pass |
| | | | 13 | 26.27 | -6.12 | 20.15 | <=23 | Pass |
| | | | 24 | 26.04 | -6.12 | 19.92 | <=23 | Pass |
| | | 12 | 0 | 24.75 | -6.12 | 18.63 | <=23 | Pass |
| | | | 6 | 25.38 | -6.12 | 19.26 | <=23 | Pass |
| | | | 13 | 25.27 | -6.12 | 19.15 | <=23 | Pass |
| | | 25 | 0 | 24.57 | -6.12 | 18.45 | <=23 | Pass |
| 16QAM | 3552.5 | 1 | 0 | 24.61 | -6.12 | 18.49 | <=23 | Pass |
| | | | 13 | 24.71 | -6.12 | 18.59 | <=23 | Pass |
| | | | 24 | 25.11 | -6.12 | 18.99 | <=23 | Pass |
| | | 12 | 0 | 24.11 | -6.12 | 17.99 | <=23 | Pass |
| | | | 6 | 24.05 | -6.12 | 17.93 | <=23 | Pass |
| | | | 13 | 23.71 | -6.12 | 17.59 | <=23 | Pass |
| | | 25 | 0 | 23.51 | -6.12 | 17.39 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.10 | -6.12 | 17.98 | <=23 | Pass |
| | | | 13 | 23.92 | -6.12 | 17.80 | <=23 | Pass |
| | | | 24 | 24.04 | -6.12 | 17.92 | <=23 | Pass |
| | | 12 | 0 | 23.08 | -6.12 | 16.96 | <=23 | Pass |
| | | | 6 | 22.99 | -6.12 | 16.87 | <=23 | Pass |
| | | | 13 | 22.55 | -6.12 | 16.43 | <=23 | Pass |
| | | 25 | 0 | 23.06 | -6.12 | 16.94 | <=23 | Pass |
| | 3597.5 | 1 | 0 | 24.94 | -6.12 | 18.82 | <=23 | Pass |
| | | | 13 | 24.90 | -6.12 | 18.78 | <=23 | Pass |
| | | | 24 | 25.15 | -6.12 | 19.03 | <=23 | Pass |
| | | 12 | 0 | 24.23 | -6.12 | 18.11 | <=23 | Pass |
| | | | 6 | 23.63 | -6.12 | 17.51 | <=23 | Pass |
| | | | 13 | 23.44 | -6.12 | 17.32 | <=23 | Pass |
| | | 25 | 0 | 24.07 | -6.12 | 17.95 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.3 B42c_10MHz_EIRP

| Band: 42c / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3555 | 1 | 0 | 24.77 | -6.12 | 18.65 | / | Pass |
| | | | 25 | 24.64 | -6.12 | 18.52 | / | Pass |
| | | | 49 | 24.60 | -6.12 | 18.48 | / | Pass |
| | | 25 | 0 | 23.99 | -6.12 | 17.87 | / | Pass |
| | | | 13 | 23.94 | -6.12 | 17.82 | / | Pass |
| | | | 25 | 24.01 | -6.12 | 17.89 | / | Pass |
| | | 50 | 0 | 23.95 | -6.12 | 17.83 | / | Pass |
| | 3575 | 1 | 0 | 24.45 | -6.12 | 18.33 | / | Pass |
| | | | 25 | 24.47 | -6.12 | 18.35 | / | Pass |
| | | | 49 | 24.58 | -6.12 | 18.46 | / | Pass |
| | | 25 | 0 | 23.94 | -6.12 | 17.82 | / | Pass |
| | | | 13 | 23.96 | -6.12 | 17.84 | / | Pass |
| | | | 25 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | 50 | 0 | 23.81 | -6.12 | 17.69 | / | Pass |
| | 3595 | 1 | 0 | 24.45 | -6.12 | 18.33 | / | Pass |
| | | | 25 | 24.25 | -6.12 | 18.13 | / | Pass |
| | | | 49 | 24.10 | -6.12 | 17.98 | / | Pass |
| | | 25 | 0 | 23.75 | -6.12 | 17.63 | / | Pass |
| | | | 13 | 23.56 | -6.12 | 17.44 | / | Pass |
| | | | 25 | 23.64 | -6.12 | 17.52 | / | Pass |
| | | 50 | 0 | 23.72 | -6.12 | 17.60 | / | Pass |
| 16QAM | 3555 | 1 | 0 | 24.20 | -6.12 | 18.08 | / | Pass |
| | | | 25 | 24.06 | -6.12 | 17.94 | / | Pass |
| | | | 49 | 24.01 | -6.12 | 17.89 | / | Pass |
| | | 25 | 0 | 23.02 | -6.12 | 16.90 | / | Pass |
| | | | 13 | 23.10 | -6.12 | 16.98 | / | Pass |
| | | | 25 | 23.01 | -6.12 | 16.89 | / | Pass |
| | | 50 | 0 | 22.91 | -6.12 | 16.79 | / | Pass |
| | 3575 | 1 | 0 | 23.97 | -6.12 | 17.85 | / | Pass |
| | | | 25 | 24.03 | -6.12 | 17.91 | / | Pass |
| | | | 49 | 23.93 | -6.12 | 17.81 | / | Pass |
| | | 25 | 0 | 22.85 | -6.12 | 16.73 | / | Pass |
| | | | 13 | 22.94 | -6.12 | 16.82 | / | Pass |
| | | | 25 | 22.95 | -6.12 | 16.83 | / | Pass |
| | | 50 | 0 | 22.85 | -6.12 | 16.73 | / | Pass |
| | 3595 | 1 | 0 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | | 25 | 23.77 | -6.12 | 17.65 | / | Pass |
| | | | 49 | 23.48 | -6.12 | 17.36 | / | Pass |
| | | 25 | 0 | 22.64 | -6.12 | 16.52 | / | Pass |
| | | | 13 | 22.76 | -6.12 | 16.64 | / | Pass |
| | | | 25 | 22.54 | -6.12 | 16.42 | / | Pass |
| | | 50 | 0 | 22.62 | -6.12 | 16.50 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.4 B42c_10MHz_EIRP/10MHz

| Band: 42c / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3555 | 1 | 0 | 25.32 | -6.12 | 19.20 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 25.44 | -6.12 | 19.32 | <=23 | Pass |
| | | | 49 | 24.89 | -6.12 | 18.77 | <=23 | Pass |
| | | 25 | 0 | 24.66 | -6.12 | 18.54 | <=23 | Pass |
| | | | 13 | 24.75 | -6.12 | 18.63 | <=23 | Pass |
| | | | 25 | 24.55 | -6.12 | 18.43 | <=23 | Pass |
| | | 50 | 0 | 24.58 | -6.12 | 18.46 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.57 | -6.12 | 18.45 | <=23 | Pass |
| | | | 25 | 24.60 | -6.12 | 18.48 | <=23 | Pass |
| | | | 49 | 24.41 | -6.12 | 18.29 | <=23 | Pass |
| | | 25 | 0 | 23.79 | -6.12 | 17.67 | <=23 | Pass |
| | | | 13 | 23.75 | -6.12 | 17.63 | <=23 | Pass |
| | | | 25 | 23.75 | -6.12 | 17.63 | <=23 | Pass |
| | | 50 | 0 | 23.71 | -6.12 | 17.59 | <=23 | Pass |
| | 3595 | 1 | 0 | 25.84 | -6.12 | 19.72 | <=23 | Pass |
| | | | 25 | 26.53 | -6.12 | 20.41 | <=23 | Pass |
| | | | 49 | 25.60 | -6.12 | 19.48 | <=23 | Pass |
| | | 25 | 0 | 25.02 | -6.12 | 18.90 | <=23 | Pass |
| | | | 13 | 25.28 | -6.12 | 19.16 | <=23 | Pass |
| | | | 25 | 25.13 | -6.12 | 19.01 | <=23 | Pass |
| | | 50 | 0 | 25.35 | -6.12 | 19.23 | <=23 | Pass |
| 16QAM | 3555 | 1 | 0 | 25.15 | -6.12 | 19.03 | <=23 | Pass |
| | | | 25 | 24.73 | -6.12 | 18.61 | <=23 | Pass |
| | | | 49 | 24.36 | -6.12 | 18.24 | <=23 | Pass |
| | | 25 | 0 | 23.88 | -6.12 | 17.76 | <=23 | Pass |
| | | | 13 | 23.78 | -6.12 | 17.66 | <=23 | Pass |
| | | | 25 | 23.46 | -6.12 | 17.34 | <=23 | Pass |
| | | 50 | 0 | 23.43 | -6.12 | 17.31 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.08 | -6.12 | 17.96 | <=23 | Pass |
| | | | 25 | 23.73 | -6.12 | 17.61 | <=23 | Pass |
| | | | 49 | 23.88 | -6.12 | 17.76 | <=23 | Pass |
| | | 25 | 0 | 22.65 | -6.12 | 16.53 | <=23 | Pass |
| | | | 13 | 22.72 | -6.12 | 16.60 | <=23 | Pass |
| | | | 25 | 22.92 | -6.12 | 16.80 | <=23 | Pass |
| | | 50 | 0 | 22.50 | -6.12 | 16.38 | <=23 | Pass |
| | 3595 | 1 | 0 | 24.85 | -6.12 | 18.73 | <=23 | Pass |
| | | | 25 | 25.19 | -6.12 | 19.07 | <=23 | Pass |
| | | | 49 | 24.90 | -6.12 | 18.78 | <=23 | Pass |
| | | 25 | 0 | 24.16 | -6.12 | 18.04 | <=23 | Pass |
| | | | 13 | 24.34 | -6.12 | 18.22 | <=23 | Pass |
| | | | 25 | 23.24 | -6.12 | 17.12 | <=23 | Pass |
| | | 50 | 0 | 24.11 | -6.12 | 17.99 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.5 B42c_15MHz_EIRP

| Band: 42c / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | 24.83 | -6.12 | 18.71 | / | Pass |
| | | | 38 | 24.59 | -6.12 | 18.47 | / | Pass |
| | | | 74 | 24.51 | -6.12 | 18.39 | / | Pass |
| | | 36 | 0 | 24.09 | -6.12 | 17.97 | / | Pass |
| | | | 18 | 24.03 | -6.12 | 17.91 | / | Pass |
| | | | 39 | 23.82 | -6.12 | 17.70 | / | Pass |
| | | 75 | 0 | 24.05 | -6.12 | 17.93 | / | Pass |
| | 3575 | 1 | 0 | 24.61 | -6.12 | 18.49 | / | Pass |
| | | | 38 | 24.64 | -6.12 | 18.52 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 74 | 24.59 | -6.12 | 18.47 | / | Pass |
| | | 36 | 0 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | | 18 | 23.96 | -6.12 | 17.84 | / | Pass |
| | | | 39 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | 75 | 0 | 23.81 | -6.12 | 17.69 | / | Pass |
| | 3592.5 | 1 | 0 | 24.39 | -6.12 | 18.27 | / | Pass |
| | | | 38 | 24.25 | -6.12 | 18.13 | / | Pass |
| | | | 74 | 24.12 | -6.12 | 18.00 | / | Pass |
| | | 36 | 0 | 23.82 | -6.12 | 17.70 | / | Pass |
| | | | 18 | 23.62 | -6.12 | 17.50 | / | Pass |
| | | | 39 | 23.51 | -6.12 | 17.39 | / | Pass |
| | | 75 | 0 | 23.61 | -6.12 | 17.49 | / | Pass |
| 16QAM | 3557.5 | 1 | 0 | 24.09 | -6.12 | 17.97 | / | Pass |
| | | | 38 | 24.00 | -6.12 | 17.88 | / | Pass |
| | | | 74 | 23.88 | -6.12 | 17.76 | / | Pass |
| | | 36 | 0 | 22.97 | -6.12 | 16.85 | / | Pass |
| | | | 18 | 23.05 | -6.12 | 16.93 | / | Pass |
| | | | 39 | 23.00 | -6.12 | 16.88 | / | Pass |
| | | 75 | 0 | 23.09 | -6.12 | 16.97 | / | Pass |
| | 3575 | 1 | 0 | 23.92 | -6.12 | 17.80 | / | Pass |
| | | | 38 | 23.90 | -6.12 | 17.78 | / | Pass |
| | | | 74 | 23.83 | -6.12 | 17.71 | / | Pass |
| | | 36 | 0 | 22.79 | -6.12 | 16.67 | / | Pass |
| | | | 18 | 22.81 | -6.12 | 16.69 | / | Pass |
| | | | 39 | 22.79 | -6.12 | 16.67 | / | Pass |
| | | 75 | 0 | 22.95 | -6.12 | 16.83 | / | Pass |
| | 3592.5 | 1 | 0 | 23.94 | -6.12 | 17.82 | / | Pass |
| | | | 38 | 23.81 | -6.12 | 17.69 | / | Pass |
| | | | 74 | 23.64 | -6.12 | 17.52 | / | Pass |
| | | 36 | 0 | 22.67 | -6.12 | 16.55 | / | Pass |
| | | | 18 | 22.62 | -6.12 | 16.50 | / | Pass |
| | | | 39 | 22.51 | -6.12 | 16.39 | / | Pass |
| | | 75 | 0 | 22.58 | -6.12 | 16.46 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.6 B42c_15MHz_EIRP/10MHz

| Band: 42c / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | 25.59 | -6.12 | 19.47 | <=23 | Pass |
| | | | 38 | 24.90 | -6.12 | 18.78 | <=23 | Pass |
| | | | 74 | 24.93 | -6.12 | 18.81 | <=23 | Pass |
| | | 36 | 0 | 24.57 | -6.12 | 18.45 | <=23 | Pass |
| | | | 18 | 24.65 | -6.12 | 18.53 | <=23 | Pass |
| | | | 39 | 24.49 | -6.12 | 18.37 | <=23 | Pass |
| | | 75 | 0 | 23.13 | -6.12 | 17.01 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.54 | -6.12 | 18.42 | <=23 | Pass |
| | | | 38 | 24.54 | -6.12 | 18.42 | <=23 | Pass |
| | | | 74 | 25.44 | -6.12 | 19.32 | <=23 | Pass |
| | | 36 | 0 | 23.96 | -6.12 | 17.84 | <=23 | Pass |
| | | | 18 | 23.70 | -6.12 | 17.58 | <=23 | Pass |
| | | | 39 | 23.59 | -6.12 | 17.47 | <=23 | Pass |
| | | 75 | 0 | 22.11 | -6.12 | 15.99 | <=23 | Pass |
| | 3592.5 | 1 | 0 | 25.73 | -6.12 | 19.61 | <=23 | Pass |
| | | | 38 | 25.26 | -6.12 | 19.14 | <=23 | Pass |
| | | | 74 | 25.34 | -6.12 | 19.22 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 36 | 0 | 25.43 | -6.12 | 19.31 | <=23 | Pass |
| | | | 18 | 24.80 | -6.12 | 18.68 | <=23 | Pass |
| | | | 39 | 25.29 | -6.12 | 19.17 | <=23 | Pass |
| | | 75 | 0 | 24.54 | -6.12 | 18.42 | <=23 | Pass |
| 16QAM | 3557.5 | 1 | 0 | 25.07 | -6.12 | 18.95 | <=23 | Pass |
| | | | 38 | 24.77 | -6.12 | 18.65 | <=23 | Pass |
| | | | 74 | 24.06 | -6.12 | 17.94 | <=23 | Pass |
| | | 36 | 0 | 23.62 | -6.12 | 17.50 | <=23 | Pass |
| | | | 18 | 23.74 | -6.12 | 17.62 | <=23 | Pass |
| | | | 39 | 23.53 | -6.12 | 17.41 | <=23 | Pass |
| | | 75 | 0 | 22.10 | -6.12 | 15.98 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.26 | -6.12 | 18.14 | <=23 | Pass |
| | | | 38 | 23.41 | -6.12 | 17.29 | <=23 | Pass |
| | | | 74 | 24.53 | -6.12 | 18.41 | <=23 | Pass |
| | | 36 | 0 | 22.82 | -6.12 | 16.70 | <=23 | Pass |
| | | | 18 | 22.81 | -6.12 | 16.69 | <=23 | Pass |
| | | | 39 | 22.74 | -6.12 | 16.62 | <=23 | Pass |
| | | 75 | 0 | 21.64 | -6.12 | 15.52 | <=23 | Pass |
| | 3592.5 | 1 | 0 | 25.08 | -6.12 | 18.96 | <=23 | Pass |
| | | | 38 | 25.36 | -6.12 | 19.24 | <=23 | Pass |
| | | | 74 | 25.15 | -6.12 | 19.03 | <=23 | Pass |
| | | 36 | 0 | 23.92 | -6.12 | 17.80 | <=23 | Pass |
| | | | 18 | 24.23 | -6.12 | 18.11 | <=23 | Pass |
| | | | 39 | 24.03 | -6.12 | 17.91 | <=23 | Pass |
| | | 75 | 0 | 23.01 | -6.12 | 16.89 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.7 B42c_20MHz_EIRP

| Band: 42c / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3560 | 1 | 0 | 24.93 | -6.12 | 18.81 | / | Pass |
| | | | 50 | 24.68 | -6.12 | 18.56 | / | Pass |
| | | | 99 | 24.50 | -6.12 | 18.38 | / | Pass |
| | | 50 | 0 | 23.96 | -6.12 | 17.84 | / | Pass |
| | | | 25 | 24.04 | -6.12 | 17.92 | / | Pass |
| | | | 50 | 23.84 | -6.12 | 17.72 | / | Pass |
| | | 100 | 0 | 23.90 | -6.12 | 17.78 | / | Pass |
| | 3575 | 1 | 0 | 24.67 | -6.12 | 18.55 | / | Pass |
| | | | 50 | 24.66 | -6.12 | 18.54 | / | Pass |
| | | | 99 | 24.51 | -6.12 | 18.39 | / | Pass |
| | | 50 | 0 | 23.97 | -6.12 | 17.85 | / | Pass |
| | | | 25 | 23.99 | -6.12 | 17.87 | / | Pass |
| | | | 50 | 23.82 | -6.12 | 17.70 | / | Pass |
| | | 100 | 0 | 23.80 | -6.12 | 17.68 | / | Pass |
| | 3590 | 1 | 0 | 24.46 | -6.12 | 18.34 | / | Pass |
| | | | 50 | 24.44 | -6.12 | 18.32 | / | Pass |
| | | | 99 | 24.24 | -6.12 | 18.12 | / | Pass |
| | | 50 | 0 | 23.73 | -6.12 | 17.61 | / | Pass |
| | | | 25 | 23.80 | -6.12 | 17.68 | / | Pass |
| | | | 50 | 23.68 | -6.12 | 17.56 | / | Pass |
| | | 100 | 0 | 23.75 | -6.12 | 17.63 | / | Pass |
| 16QAM | 3560 | 1 | 0 | 24.32 | -6.12 | 18.20 | / | Pass |
| | | | 50 | 23.88 | -6.12 | 17.76 | / | Pass |
| | | | 99 | 24.04 | -6.12 | 17.92 | / | Pass |
| | | 50 | 0 | 23.10 | -6.12 | 16.98 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 22.88 | -6.12 | 16.76 | / | Pass |
| | | | 50 | 22.88 | -6.12 | 16.76 | / | Pass |
| | | 100 | 0 | 23.04 | -6.12 | 16.92 | / | Pass |
| | 3575 | 1 | 0 | 24.14 | -6.12 | 18.02 | / | Pass |
| | | | 50 | 24.23 | -6.12 | 18.11 | / | Pass |
| | | | 99 | 24.02 | -6.12 | 17.90 | / | Pass |
| | | 50 | 0 | 22.94 | -6.12 | 16.82 | / | Pass |
| | | | 25 | 22.85 | -6.12 | 16.73 | / | Pass |
| | | | 50 | 22.82 | -6.12 | 16.70 | / | Pass |
| | | 100 | 0 | 22.78 | -6.12 | 16.66 | / | Pass |
| | 3590 | 1 | 0 | 23.79 | -6.12 | 17.67 | / | Pass |
| | | | 50 | 23.69 | -6.12 | 17.57 | / | Pass |
| | | | 99 | 23.50 | -6.12 | 17.38 | / | Pass |
| | | 50 | 0 | 22.70 | -6.12 | 16.58 | / | Pass |
| | | | 25 | 22.65 | -6.12 | 16.53 | / | Pass |
| | | | 50 | 22.54 | -6.12 | 16.42 | / | Pass |
| | | 100 | 0 | 22.60 | -6.12 | 16.48 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.8 B42c_20MHz_EIRP/10MHz

| Band: 42c / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3560 | 1 | 0 | 25.57 | -6.12 | 19.45 | <=23 | Pass |
| | | | 50 | 25.13 | -6.12 | 19.01 | <=23 | Pass |
| | | | 99 | 24.91 | -6.12 | 18.79 | <=23 | Pass |
| | | 50 | 0 | 24.58 | -6.12 | 18.46 | <=23 | Pass |
| | | | 25 | 24.27 | -6.12 | 18.15 | <=23 | Pass |
| | | | 50 | 24.36 | -6.12 | 18.24 | <=23 | Pass |
| | | 100 | 0 | 21.84 | -6.12 | 15.72 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.58 | -6.12 | 18.46 | <=23 | Pass |
| | | | 50 | 25.78 | -6.12 | 19.66 | <=23 | Pass |
| | | | 99 | 25.48 | -6.12 | 19.36 | <=23 | Pass |
| | | 50 | 0 | 23.81 | -6.12 | 17.69 | <=23 | Pass |
| | | | 25 | 23.79 | -6.12 | 17.67 | <=23 | Pass |
| | | | 50 | 24.49 | -6.12 | 18.37 | <=23 | Pass |
| | | 100 | 0 | 21.37 | -6.12 | 15.25 | <=23 | Pass |
| | 3590 | 1 | 0 | 24.94 | -6.12 | 18.82 | <=23 | Pass |
| | | | 50 | 25.90 | -6.12 | 19.78 | <=23 | Pass |
| | | | 99 | 25.79 | -6.12 | 19.67 | <=23 | Pass |
| | | 50 | 0 | 24.63 | -6.12 | 18.51 | <=23 | Pass |
| | | | 25 | 24.94 | -6.12 | 18.82 | <=23 | Pass |
| | | | 50 | 24.98 | -6.12 | 18.86 | <=23 | Pass |
| | | 100 | 0 | 22.49 | -6.12 | 16.37 | <=23 | Pass |
| 16QAM | 3560 | 1 | 0 | 24.91 | -6.12 | 18.79 | <=23 | Pass |
| | | | 50 | 24.48 | -6.12 | 18.36 | <=23 | Pass |
| | | | 99 | 23.95 | -6.12 | 17.83 | <=23 | Pass |
| | | 50 | 0 | 23.77 | -6.12 | 17.65 | <=23 | Pass |
| | | | 25 | 23.46 | -6.12 | 17.34 | <=23 | Pass |
| | | | 50 | 23.48 | -6.12 | 17.36 | <=23 | Pass |
| | | 100 | 0 | 20.84 | -6.12 | 14.72 | <=23 | Pass |
| | 3575 | 1 | 0 | 24.01 | -6.12 | 17.89 | <=23 | Pass |
| | | | 50 | 24.91 | -6.12 | 18.79 | <=23 | Pass |
| | | | 99 | 25.41 | -6.12 | 19.29 | <=23 | Pass |
| | | 50 | 0 | 22.92 | -6.12 | 16.80 | <=23 | Pass |
| | | | 25 | 22.68 | -6.12 | 16.56 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 50 | 24.06 | -6.12 | 17.94 | <=23 | Pass |
| | | 100 | 0 | 20.11 | -6.12 | 13.99 | <=23 | Pass |
| | 3590 | 1 | 0 | 25.14 | -6.12 | 19.02 | <=23 | Pass |
| | | | 50 | 24.38 | -6.12 | 18.26 | <=23 | Pass |
| | | | 99 | 25.96 | -6.12 | 19.84 | <=23 | Pass |
| | | 50 | 0 | 24.01 | -6.12 | 17.89 | <=23 | Pass |
| | | | 25 | 23.92 | -6.12 | 17.80 | <=23 | Pass |
| | | | 50 | 23.61 | -6.12 | 17.49 | <=23 | Pass |
| | | 100 | 0 | 21.34 | -6.12 | 15.22 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B42c_5MHz

| Band: 42c / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 3552.5 | 25 | 0 | 20 | 3.27 | 6.065 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.277 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.578 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 5.107 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 4.663 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.764 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.448 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 5.422 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 4.578 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.977 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 5.236 | 0.0015 | -2.5 to 2.5 | Pass |
| | 3575 | 25 | 0 | 20 | 3.27 | 3.204 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.591 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 6.366 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 5.436 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 4.106 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 6.652 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.905 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 4.392 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 5.879 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 5.064 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.592 | 0.0013 | -2.5 to 2.5 | Pass |
| | 3597.5 | 25 | 0 | 20 | 3.27 | 3.734 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.446 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.319 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 5.279 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.176 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.761 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.104 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.433 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 5.393 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 4.835 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 5.879 | 0.0016 | -2.5 to 2.5 | Pass |
| 16QAM | 3552.5 | 25 | 0 | 20 | 3.27 | 4.606 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.520 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 5.093 | 0.0014 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -30 | 3.85 | 3.591 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.276 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.775 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.476 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.818 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.018 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.505 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.702 | 0.0005 | -2.5 to 2.5 | Pass |
| | 3575 | 25 | 0 | 20 | 3.27 | 4.306 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.520 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.890 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 4.292 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 6.495 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.106 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.562 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.076 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 4.134 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.832 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.206 | 0.0012 | -2.5 to 2.5 | Pass |
| | 3597.5 | 25 | 0 | 20 | 3.27 | 4.106 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 5.422 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 5.879 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 4.606 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 5.279 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.619 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.907 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.290 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.533 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 4.749 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.063 | 0.0011 | -2.5 to 2.5 | Pass |

## 2.1.2 B42c_10MHz

| Band: 42c / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 3555 | 50 | 0 | 20 | 3.27 | 1.788 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.702 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.831 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.031 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.629 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.731 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.675 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.618 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.931 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.918 | 0.0008 | -2.5 to 2.5 | Pass |
| | 3575 | 50 | 0 | 20 | 3.27 | 2.732 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.204 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.632 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.388 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.390 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.432 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.904 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.804 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 4.091 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.904 | 0.0008 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 50 | 3.85 | 3.619 | 0.0010 | -2.5 to 2.5 | Pass |
| | 3595 | 50 | 0 | 20 | 3.27 | 1.888 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.788 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.917 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.373 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.287 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.157 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.988 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.516 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.588 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.247 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.574 | 0.0004 | -2.5 to 2.5 | Pass |
| 16QAM | 3555 | 50 | 0 | 20 | 3.27 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.259 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.103 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.575 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.230 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.004 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.815 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.858 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.203 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.130 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.918 | 0.0008 | -2.5 to 2.5 | Pass |
| | 3575 | 50 | 0 | 20 | 3.27 | 2.632 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.890 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.748 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.033 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 5.293 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.649 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.263 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 4.520 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.961 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 4.106 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.492 | 0.0013 | -2.5 to 2.5 | Pass |
| | 3595 | 50 | 0 | 20 | 3.27 | 3.033 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.702 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.230 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.159 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.059 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.330 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.861 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.131 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.832 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.104 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.788 | 0.0005 | -2.5 to 2.5 | Pass |

### 2.1.3 B42c_15MHz

| Band: 42c / Bandwidth: 15MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 3557.5 | 75 | 0 | 20 | 3.27 | -0.572 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.558 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.429 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.372 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.702 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.004 | 0.0008 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3.85 | 0.629 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.302 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.245 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.316 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.930 | 0.0003 | -2.5 to 2.5 | Pass |
| | 3575 | 75 | 0 | 20 | 3.27 | 2.546 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.891 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.960 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.802 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.462 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.805 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.918 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.875 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.917 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.446 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.704 | 0.0008 | -2.5 to 2.5 | Pass |
| | 3592.5 | 75 | 0 | 20 | 3.27 | 1.860 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.174 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.745 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.159 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.631 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.388 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.730 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.958 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.086 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.890 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.216 | 0.0003 | -2.5 to 2.5 | Pass |
| 16QAM | 3557.5 | 75 | 0 | 20 | 3.27 | 0.300 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.532 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.086 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.602 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.587 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.217 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.587 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.287 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.200 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.359 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.074 | 0.0006 | -2.5 to 2.5 | Pass |
| | 3575 | 75 | 0 | 20 | 3.27 | 2.346 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.077 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.345 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.860 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 2.604 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.747 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.146 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.203 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.903 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.359 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.561 | 0.0007 | -2.5 to 2.5 | Pass |
| | 3592.5 | 75 | 0 | 20 | 3.27 | 0.186 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.601 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.200 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.289 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.087 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.014 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.273 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.689 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.931 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.300 | 0.0001 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 50 | 3.85 | 2.060 | 0.0006 | -2.5 to 2.5 | Pass |

## 2.1.4 B42c_20MHz

| Band: 42c / Bandwidth: 20MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 3560 | 100 | 0 | 20 | 3.27 | 4.120 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.090 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.462 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.604 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 2.260 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.362 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.890 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.204 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.360 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.975 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.990 | 0.0008 | -2.5 to 2.5 | Pass |
| | 3575 | 100 | 0 | 20 | 3.27 | 2.890 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.975 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.659 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.460 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.319 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.360 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.945 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.705 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.059 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.645 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.004 | 0.0008 | -2.5 to 2.5 | Pass |
| | 3590 | 100 | 0 | 20 | 3.27 | 3.362 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.174 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.559 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.629 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.216 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.273 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.531 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.360 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.616 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.147 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.016 | 0.0003 | -2.5 to 2.5 | Pass |
| 16QAM | 3560 | 100 | 0 | 20 | 3.27 | 1.702 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.631 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.945 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.861 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.061 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.618 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.948 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.189 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.403 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.576 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.502 | 0.0004 | -2.5 to 2.5 | Pass |
| | 3575 | 100 | 0 | 20 | 3.27 | 3.548 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.605 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.217 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.645 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.760 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.432 | 0.0007 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3.85 | 0.272 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.119 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.147 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.130 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.988 | 0.0006 | -2.5 to 2.5 | Pass |
| | 3590 | 100 | 0 | 20 | 3.27 | 1.645 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.017 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.360 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.259 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.788 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.089 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.117 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.275 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.602 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.945 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.805 | 0.0011 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 Band42c_OBW

| Band: 42c / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 3552.5 | 25 | 0 | 4.593 | / | Pass |
| | | 3575 | 25 | 0 | 4.577 | / | Pass |
| | | 3597.5 | 25 | 0 | 4.554 | / | Pass |
| | 16QAM | 3552.5 | 25 | 0 | 4.569 | / | Pass |
| | | 3575 | 25 | 0 | 4.553 | / | Pass |
| | | 3597.5 | 25 | 0 | 4.570 | / | Pass |
| 10 | QPSK | 3555 | 50 | 0 | 9.107 | / | Pass |
| | | 3575 | 50 | 0 | 9.097 | / | Pass |
| | | 3595 | 50 | 0 | 9.067 | / | Pass |
| | 16QAM | 3555 | 50 | 0 | 9.094 | / | Pass |
| | | 3575 | 50 | 0 | 9.068 | / | Pass |
| | | 3595 | 50 | 0 | 9.070 | / | Pass |
| 15 | QPSK | 3557.5 | 75 | 0 | 13.580 | / | Pass |
| | | 3575 | 75 | 0 | 13.645 | / | Pass |
| | | 3592.5 | 75 | 0 | 13.550 | / | Pass |
| | 16QAM | 3557.5 | 75 | 0 | 13.631 | / | Pass |
| | | 3575 | 75 | 0 | 13.614 | / | Pass |
| | | 3592.5 | 75 | 0 | 13.586 | / | Pass |
| 20 | QPSK | 3560 | 100 | 0 | 18.142 | / | Pass |
| | | 3575 | 100 | 0 | 18.104 | / | Pass |
| | | 3590 | 100 | 0 | 18.088 | / | Pass |
| | 16QAM | 3560 | 100 | 0 | 18.109 | / | Pass |
| | | 3575 | 100 | 0 | 18.115 | / | Pass |
| | | 3590 | 100 | 0 | 18.018 | / | Pass |

### 4.1.2 Band42c_XDB

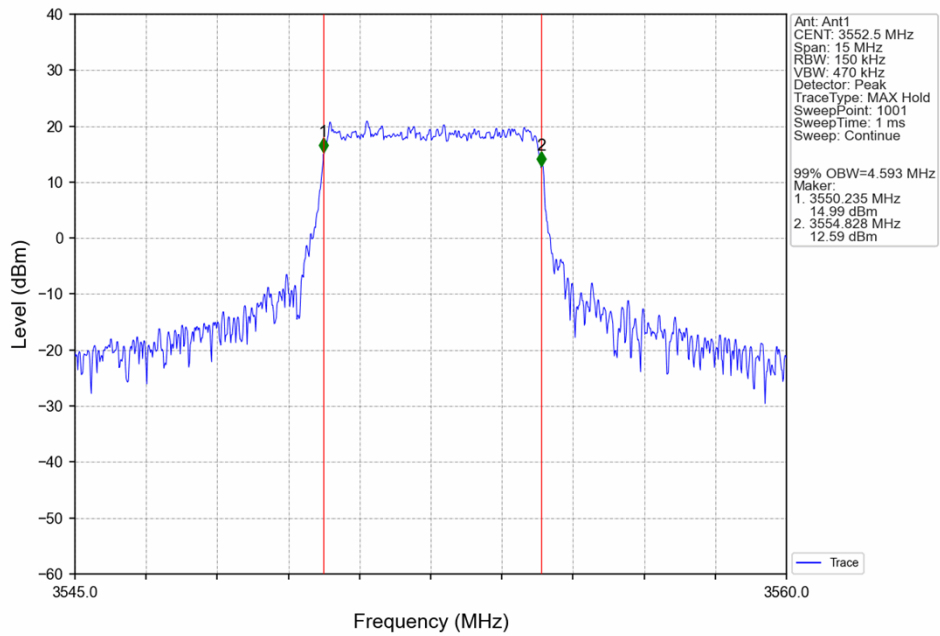
| Band: 42c / NTNV | | | | | |
|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency | RB Allocation | 26dB Bandwidth (MHz) | Verdict |

| | | (MHz) | Size | Offset | Result | Limit | |
|---|---|---|---|---|---|---|---|
| 5 | QPSK | 3552.5 | 25 | 0 | 5.482 | / | Pass |
| | | 3575 | 25 | 0 | 5.507 | / | Pass |
| | | 3597.5 | 25 | 0 | 5.220 | / | Pass |
| | 16QAM | 3552.5 | 25 | 0 | 5.426 | / | Pass |
| | | 3575 | 25 | 0 | 5.477 | / | Pass |
| | | 3597.5 | 25 | 0 | 5.358 | / | Pass |
| 10 | QPSK | 3555 | 50 | 0 | 11.029 | / | Pass |
| | | 3575 | 50 | 0 | 10.785 | / | Pass |
| | | 3595 | 50 | 0 | 10.193 | / | Pass |
| | 16QAM | 3555 | 50 | 0 | 10.390 | / | Pass |
| | | 3575 | 50 | 0 | 11.597 | / | Pass |
| | | 3595 | 50 | 0 | 10.505 | / | Pass |
| 15 | QPSK | 3557.5 | 75 | 0 | 15.194 | / | Pass |
| | | 3575 | 75 | 0 | 16.080 | / | Pass |
| | | 3592.5 | 75 | 0 | 15.211 | / | Pass |
| | 16QAM | 3557.5 | 75 | 0 | 17.553 | / | Pass |
| | | 3575 | 75 | 0 | 15.163 | / | Pass |
| | | 3592.5 | 75 | 0 | 15.463 | / | Pass |
| 20 | QPSK | 3560 | 100 | 0 | 20.267 | / | Pass |
| | | 3575 | 100 | 0 | 19.893 | / | Pass |
| | | 3590 | 100 | 0 | 19.536 | / | Pass |
| | 16QAM | 3560 | 100 | 0 | 20.440 | / | Pass |
| | | 3575 | 100 | 0 | 20.251 | / | Pass |
| | | 3590 | 100 | 0 | 19.928 | / | Pass |

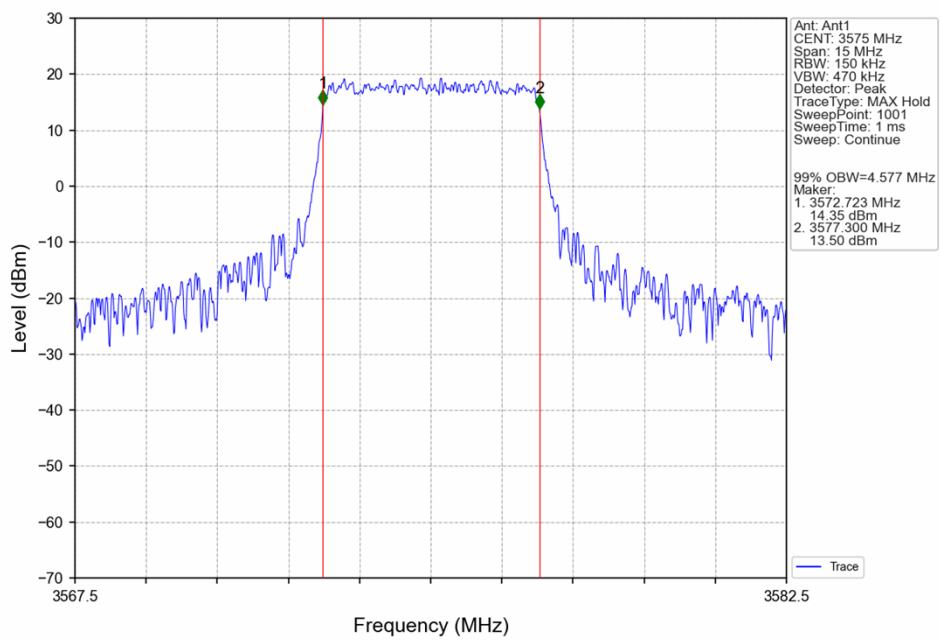
## 3.2 Test Graph

### 3.2.1 Band42c_OBW

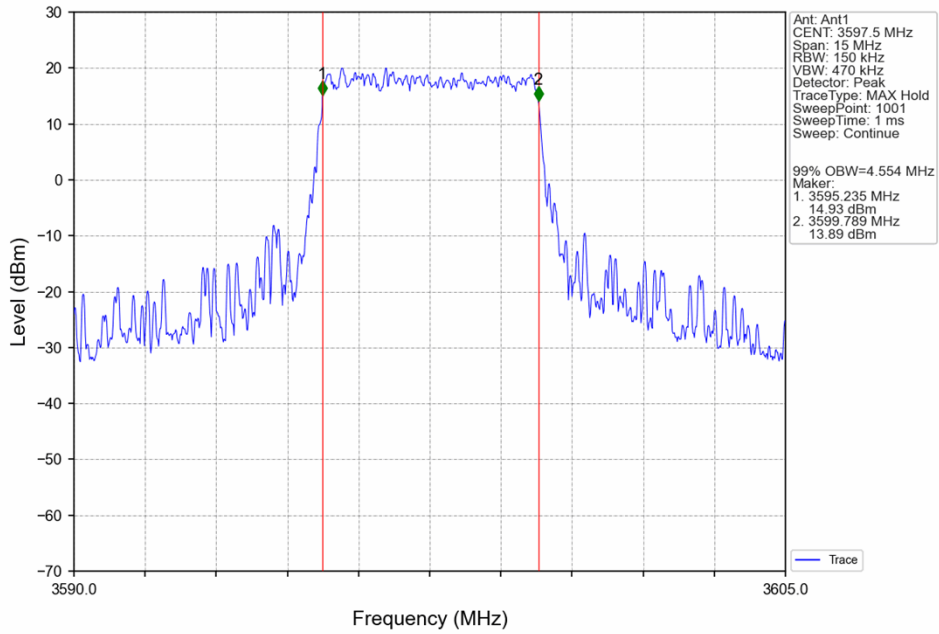
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



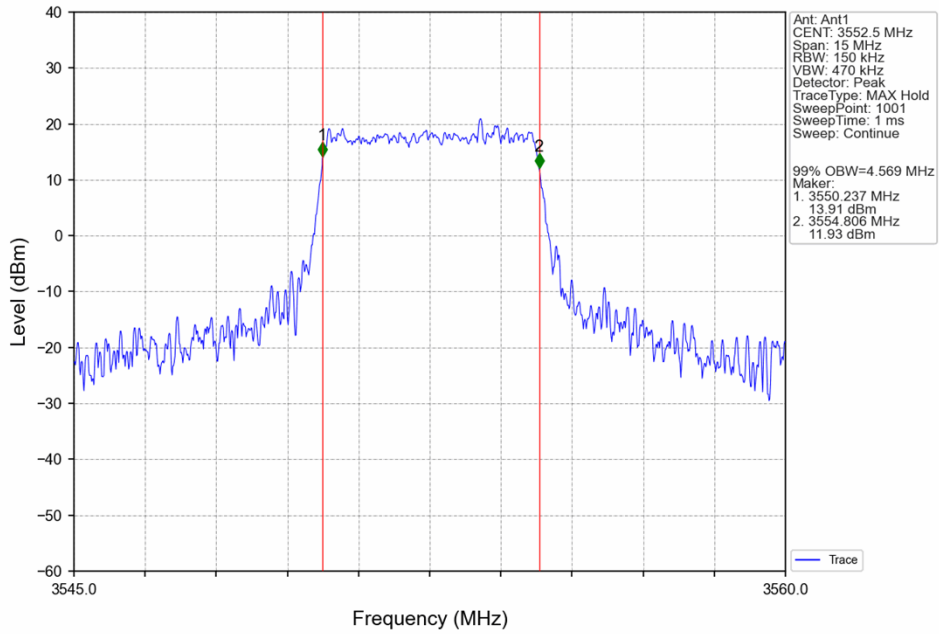

Band42c_5MHz_QPSK_MCH_3575MHz_RB_25_0_NTNV



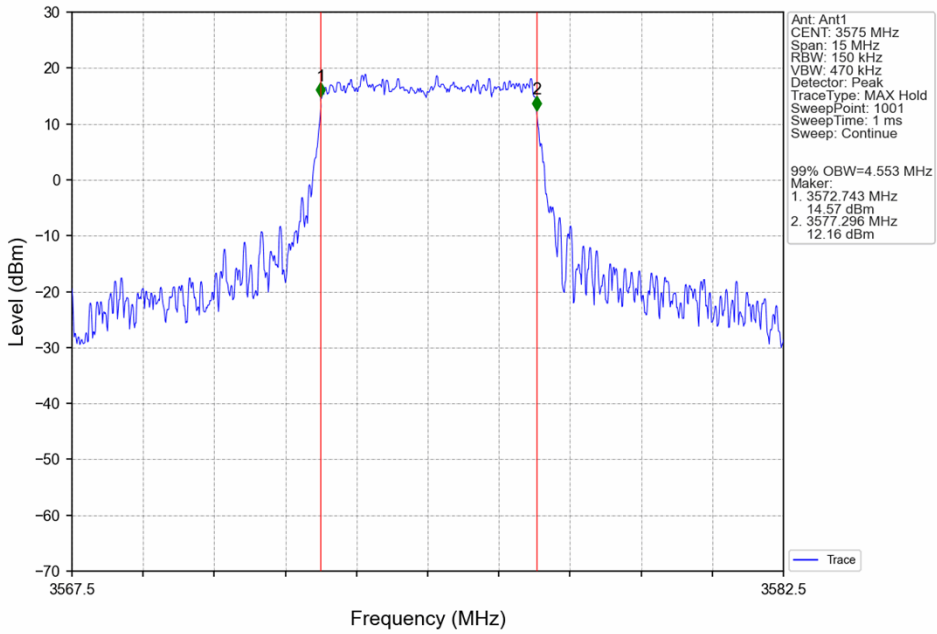
Band42c_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV

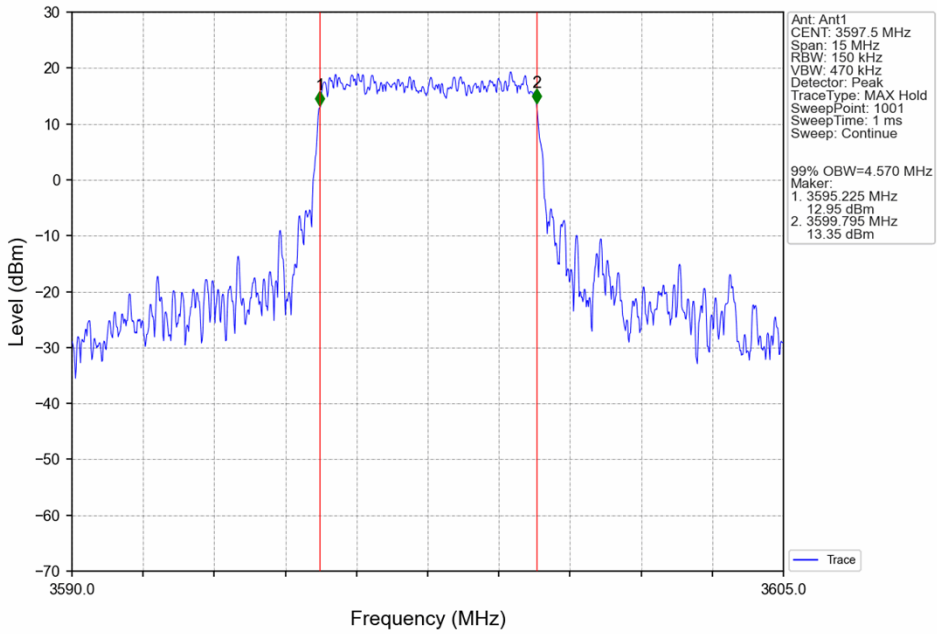



Band42c_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



Band42c_5MHz_16QAM_MCH_3575MHz_RB_25_0_NTNV




Band42c_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV