# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 CA_38C_NTNV_EIRP

| Band: CA_38C / NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW (MHz) | Modulation | Frequency (MHz) | RB Allocation | Conducted Power (dBm) | | | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | | | CC1 | CC2 | Sum | | Result | Limit | |
| CC1:15 CC2:15 | CC1: QPSK CC2: QPSK | CC1:2577.5 CC2:2592.5 | CC1: 1@0 CC2: 0@0 | 24.05 | -29.97 | 24.05 | 0.60 | 24.65 | <=33.01 | Pass |
| | | | CC1: 1@74 CC2: 1@0 | 21.00 | 20.89 | 23.95 | 0.60 | 24.55 | <=33.01 | Pass |
| | | | CC1: 36@0 CC2: 36@39 | 17.52 | 17.25 | 20.40 | 0.60 | 21.00 | <=33.01 | Pass |
| | | | CC1: 36@39 CC2: 36@0 | 20.22 | 19.63 | 22.95 | 0.60 | 23.55 | <=33.01 | Pass |
| | | | CC1: 75@0 CC2: 75@0 | 19.00 | 18.87 | 21.95 | 0.60 | 22.55 | <=33.01 | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 1@0 CC2: 0@0 | 23.95 | -29.67 | 23.95 | 0.60 | 24.55 | <=33.01 | Pass |
| | | | CC1: 1@74 CC2: 1@0 | 20.71 | 21.11 | 23.92 | 0.60 | 24.52 | <=33.01 | Pass |
| | | | CC1: 36@0 CC2: 36@39 | 17.44 | 17.15 | 20.31 | 0.60 | 20.91 | <=33.01 | Pass |
| | | | CC1: 36@39 CC2: 36@0 | 19.84 | 19.79 | 22.83 | 0.60 | 23.43 | <=33.01 | Pass |
| | | | CC1: 75@0 CC2: 75@0 | 18.93 | 18.77 | 21.87 | 0.60 | 22.47 | <=33.01 | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 1@0 CC2: 0@0 | 23.81 | -29.93 | 23.81 | 0.60 | 24.41 | <=33.01 | Pass |
| | | | CC1: 1@74 CC2: 1@0 | 20.53 | 21.12 | 23.85 | 0.60 | 24.45 | <=33.01 | Pass |
| | | | CC1: 36@0 CC2: 36@39 | 17.45 | 17.05 | 20.27 | 0.60 | 20.87 | <=33.01 | Pass |
| | | | CC1: 36@39 CC2: 36@0 | 19.87 | 19.76 | 22.83 | 0.60 | 23.43 | <=33.01 | Pass |
| | | | CC1: 75@0 CC2: 75@0 | 18.95 | 18.70 | 21.84 | 0.60 | 22.44 | <=33.01 | Pass |
| | CC1: 16QAM CC2: 16QAM | CC1:2577.5 CC2:2592.5 | CC1: 1@0 CC2: 0@0 | 22.75 | -30.62 | 22.75 | 0.60 | 23.35 | <=33.01 | Pass |
| | | | CC1: 1@74 CC2: 1@0 | 20.02 | 20.03 | 23.04 | 0.60 | 23.64 | <=33.01 | Pass |
| | | | CC1: 36@0 CC2: 36@39 | 17.51 | 17.24 | 20.39 | 0.60 | 20.99 | <=33.01 | Pass |
| | | | CC1: 36@39 CC2: 36@0 | 18.53 | 19.29 | 21.94 | 0.60 | 22.54 | <=33.01 | Pass |
| | | | CC1: 75@0 CC2: 75@0 | 18.32 | 17.62 | 21.00 | 0.60 | 21.60 | <=33.01 | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 1@0 CC2: 0@0 | 23.09 | -30.18 | 23.09 | 0.60 | 23.69 | <=33.01 | Pass |
| | | | CC1: 1@74 CC2: 1@0 | 19.98 | 19.99 | 22.99 | 0.60 | 23.59 | <=33.01 | Pass |
| | | | CC1: 36@0 CC2: 36@39 | 17.44 | 17.16 | 20.31 | 0.60 | 20.91 | <=33.01 | Pass |
| | | | CC1: 36@39 CC2: 36@0 | 18.86 | 18.81 | 21.85 | 0.60 | 22.45 | <=33.01 | Pass |
| | | | CC1: 75@0 CC2: 75@0 | 17.94 | 17.78 | 20.87 | 0.60 | 21.47 | <=33.01 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | CC1:2597.5<br>CC2:2612.5 | CC1: 1@0<br>CC2: 0@0 | 22.95 | -30.65 | 22.95 | 0.60 | 23.55 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 19.88 | 19.85 | 22.88 | 0.60 | 23.48 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 17.46 | 17.07 | 20.28 | 0.60 | 20.88 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 18.87 | 18.76 | 21.83 | 0.60 | 22.43 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 17.96 | 17.72 | 20.85 | 0.60 | 21.45 | <=33.01 | Pass |
| | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:2577.5<br>CC2:2592.5 | CC1: 1@0<br>CC2: 0@0 | 24.03 | -30.16 | 24.03 | 0.60 | 24.63 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 17.64 | 17.66 | 20.66 | 0.60 | 21.26 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 17.55 | 17.28 | 20.42 | 0.60 | 21.02 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 17.96 | 17.95 | 20.97 | 0.60 | 21.57 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 18.32 | 17.60 | 20.99 | 0.60 | 21.59 | <=33.01 | Pass |
| | | CC1:2587.5<br>CC2:2602.5 | CC1: 1@0<br>CC2: 0@0 | 21.70 | -31.63 | 21.70 | 0.60 | 22.30 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 17.49 | 17.66 | 20.59 | 0.60 | 21.19 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 17.48 | 17.19 | 20.35 | 0.60 | 20.95 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 17.87 | 17.83 | 20.86 | 0.60 | 21.46 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 17.94 | 17.79 | 20.88 | 0.60 | 21.48 | <=33.01 | Pass |
| | | CC1:2597.5<br>CC2:2612.5 | CC1: 1@0<br>CC2: 0@0 | 21.51 | -32.08 | 21.51 | 0.60 | 22.11 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 17.40 | 17.63 | 20.53 | 0.60 | 21.13 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 17.49 | 17.10 | 20.31 | 0.60 | 20.91 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 17.89 | 17.79 | 20.85 | 0.60 | 21.45 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 17.97 | 17.73 | 20.86 | 0.60 | 21.46 | <=33.01 | Pass |
| | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:2577.5<br>CC2:2592.5 | CC1: 1@0<br>CC2: 0@0 | 18.96 | -35.54 | 18.96 | 0.60 | 19.56 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 15.84 | 15.85 | 18.86 | 0.60 | 19.46 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 15.56 | 15.30 | 18.44 | 0.60 | 19.04 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 15.97 | 15.96 | 18.97 | 0.60 | 19.57 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 16.03 | 15.90 | 18.98 | 0.60 | 19.58 | <=33.01 | Pass |
| | | CC1:2587.5<br>CC2:2602.5 | CC1: 1@0<br>CC2: 0@0 | 18.86 | -34.96 | 18.86 | 0.60 | 19.46 | <=33.01 | Pass |
| | | | CC1: 1@74<br>CC2: 1@0 | 15.81 | 15.81 | 18.82 | 0.60 | 19.42 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 15.47 | 15.18 | 18.33 | 0.60 | 18.93 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 15.89 | 15.85 | 18.88 | 0.60 | 19.48 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 15.94 | 15.79 | 18.87 | 0.60 | 19.47 | <=33.01 | Pass |
| | | CC1:2597.5 | CC1: 1@0 | 18.72 | -35.16 | 18.72 | 0.60 | 19.32 | <=33.01 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | CC2:2612.5 | CC2: 0@0 | | | | | | | |
| | | | CC1: 1@74<br>CC2: 1@0 | 15.76 | 15.74 | 18.76 | 0.60 | 19.36 | <=33.01 | Pass |
| | | | CC1: 36@0<br>CC2: 36@39 | 15.50 | 15.11 | 18.32 | 0.60 | 18.92 | <=33.01 | Pass |
| | | | CC1: 36@39<br>CC2: 36@0 | 16.25 | 15.39 | 18.86 | 0.60 | 19.46 | <=33.01 | Pass |
| | | | CC1: 75@0<br>CC2: 75@0 | 15.54 | 16.11 | 18.84 | 0.60 | 19.44 | <=33.01 | Pass |
| CC1:20<br>CC2:20 | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:2580<br>CC2:2599.8 | CC1: 1@0<br>CC2: 0@0 | 24.04 | -30.89 | 24.04 | 0.60 | 24.64 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 21.54 | 19.83 | 23.78 | 0.60 | 24.38 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.60 | 17.09 | 20.37 | 0.60 | 20.97 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 19.56 | 20.25 | 22.93 | 0.60 | 23.53 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 17.95 | 19.59 | 21.85 | 0.60 | 22.45 | <=33.01 | Pass |
| | | CC1:2585.1<br>CC2:2604.9 | CC1: 1@0<br>CC2: 0@0 | 23.97 | -30.47 | 23.97 | 0.60 | 24.57 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 20.76 | 20.77 | 23.78 | 0.60 | 24.38 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.56 | 17.06 | 20.33 | 0.60 | 20.93 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 19.93 | 19.84 | 22.90 | 0.60 | 23.50 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 18.98 | 18.69 | 21.85 | 0.60 | 22.45 | <=33.01 | Pass |
| | | CC1:2590.2<br>CC2:2610 | CC1: 1@0<br>CC2: 0@0 | 23.94 | -30.15 | 23.94 | 0.60 | 24.54 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 19.75 | 21.63 | 23.80 | 0.60 | 24.40 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.57 | 17.03 | 20.32 | 0.60 | 20.92 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 19.01 | 20.57 | 22.87 | 0.60 | 23.47 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 19.00 | 18.66 | 21.85 | 0.60 | 22.45 | <=33.01 | Pass |
| | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:2580<br>CC2:2599.8 | CC1: 1@0<br>CC2: 0@0 | 23.16 | -31.54 | 23.16 | 0.60 | 23.76 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 19.94 | 19.94 | 22.95 | 0.60 | 23.55 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.65 | 17.13 | 20.41 | 0.60 | 21.01 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 18.05 | 19.71 | 21.97 | 0.60 | 22.57 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 18.06 | 17.78 | 20.94 | 0.60 | 21.54 | <=33.01 | Pass |
| | | CC1:2585.1<br>CC2:2604.9 | CC1: 1@0<br>CC2: 0@0 | 22.28 | -32.01 | 22.28 | 0.60 | 22.88 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 19.89 | 19.89 | 22.90 | 0.60 | 23.50 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.61 | 17.11 | 20.38 | 0.60 | 20.98 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 18.55 | 19.23 | 21.91 | 0.60 | 22.51 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 17.54 | 18.13 | 20.86 | 0.60 | 21.46 | <=33.01 | Pass |
| | | CC1:2590.2<br>CC2:2610 | CC1: 1@0<br>CC2: 0@0 | 23.07 | -29.96 | 23.07 | 0.60 | 23.67 | <=33.01 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | CC1: 1@99<br>CC2: 1@0 | 19.52 | 20.33 | 22.95 | 0.60 | 23.55 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.61 | 17.07 | 20.35 | 0.60 | 20.95 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 18.53 | 19.23 | 21.91 | 0.60 | 22.51 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 18.01 | 17.67 | 20.85 | 0.60 | 21.45 | <=33.01 | Pass |
| | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:2580<br>CC2:2599.8 | CC1: 1@0<br>CC2: 0@0 | 22.88 | -31.32 | 22.88 | 0.60 | 23.48 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 17.65 | 17.54 | 20.60 | 0.60 | 21.20 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 16.93 | 17.63 | 20.31 | 0.60 | 20.91 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 17.89 | 17.88 | 20.89 | 0.60 | 21.49 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 18.08 | 17.76 | 20.93 | 0.60 | 21.53 | <=33.01 | Pass |
| | | CC1:2585.1<br>CC2:2604.9 | CC1: 1@0<br>CC2: 0@0 | 21.68 | -32.17 | 21.68 | 0.60 | 22.28 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 17.53 | 17.53 | 20.54 | 0.60 | 21.14 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.68 | 16.99 | 20.36 | 0.60 | 20.96 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 17.93 | 17.84 | 20.90 | 0.60 | 21.50 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 17.99 | 17.71 | 20.86 | 0.60 | 21.46 | <=33.01 | Pass |
| | | CC1:2590.2<br>CC2:2610 | CC1: 1@0<br>CC2: 0@0 | 21.63 | -33.23 | 21.63 | 0.60 | 22.23 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 17.56 | 17.54 | 20.56 | 0.60 | 21.16 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 17.52 | 17.15 | 20.35 | 0.60 | 20.95 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 18.29 | 17.44 | 20.90 | 0.60 | 21.50 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 18.01 | 17.67 | 20.86 | 0.60 | 21.46 | <=33.01 | Pass |
| | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:2580<br>CC2:2599.8 | CC1: 1@0<br>CC2: 0@0 | 18.93 | -37.71 | 18.93 | 0.60 | 19.53 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 15.77 | 15.77 | 18.78 | 0.60 | 19.38 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 15.69 | 15.18 | 18.45 | 0.60 | 19.05 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 15.53 | 16.38 | 18.98 | 0.60 | 19.58 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 16.04 | 15.76 | 18.91 | 0.60 | 19.51 | <=33.01 | Pass |
| | | CC1:2585.1<br>CC2:2604.9 | CC1: 1@0<br>CC2: 0@0 | 18.85 | -37.25 | 18.85 | 0.60 | 19.45 | <=33.01 | Pass |
| | | | CC1: 1@99<br>CC2: 1@0 | 15.75 | 15.74 | 18.75 | 0.60 | 19.35 | <=33.01 | Pass |
| | | | CC1: 50@0<br>CC2: 50@50 | 15.64 | 15.15 | 18.41 | 0.60 | 19.01 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 15.97 | 15.88 | 18.93 | 0.60 | 19.53 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 15.99 | 15.71 | 18.86 | 0.60 | 19.46 | <=33.01 | Pass |
| | | CC1:2590.2<br>CC2:2610 | CC1: 1@0<br>CC2: 0@0 | 18.83 | -37.25 | 18.83 | 0.60 | 19.43 | <=33.01 | Pass |
| | | | CC1: 1@99 | 15.80 | 15.78 | 18.80 | 0.60 | 19.40 | <=33.01 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | CC2: 1@0 | | | | | | | |
| | | | CC1: 50@0<br>CC2: 50@50 | 15.65 | 15.11 | 18.40 | 0.60 | 19.00 | <=33.01 | Pass |
| | | | CC1: 50@50<br>CC2: 50@0 | 16.00 | 15.85 | 18.93 | 0.60 | 19.53 | <=33.01 | Pass |
| | | | CC1: 100@0<br>CC2: 100@0 | 16.01 | 15.68 | 18.86 | 0.60 | 19.46 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

# 2. 99% & 26dB Bandwidth

## 2.1 Test Result

### 2.1.1 CA_38C_NTNV_OBW

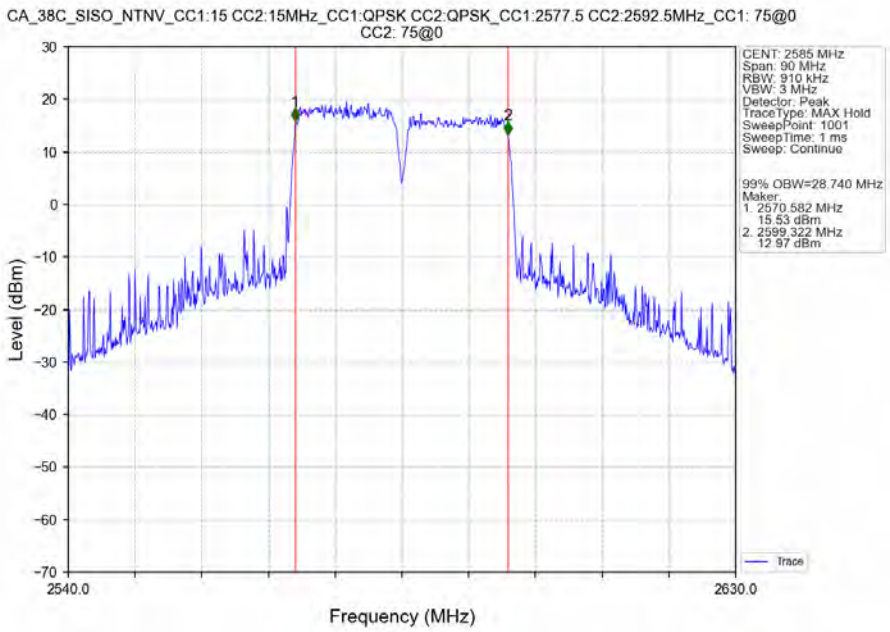
| Band: CA_38C / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| BW (MHz) | Modulation | Frequency (MHz) | RB Allocation | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | | Sum | Limit | |
| CC1:15 CC2:15 | CC1: QPSK CC2: QPSK | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 28.74 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 28.75 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 28.74 | / | Pass |
| | CC1: 16QAM CC2: 16QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 28.65 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 28.60 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 28.60 | / | Pass |
| | CC1: 64QAM CC2: 64QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 28.62 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 28.66 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 28.58 | / | Pass |
| | CC1: 256QAM CC2: 256QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 28.68 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 28.72 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 28.63 | / | Pass |
| CC1:20 CC2:20 | CC1: QPSK CC2: QPSK | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 38.10 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 37.95 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 37.96 | / | Pass |
| | CC1: 16QAM CC2: 16QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 38.10 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 37.92 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 38.01 | / | Pass |
| | CC1: 64QAM CC2: 64QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 37.90 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 37.95 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 37.78 | / | Pass |
| | CC1: 256QAM CC2: 256QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 38.00 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 37.88 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 38.05 | / | Pass |

## 2.1.2 CA_38C_NTNV_XDB

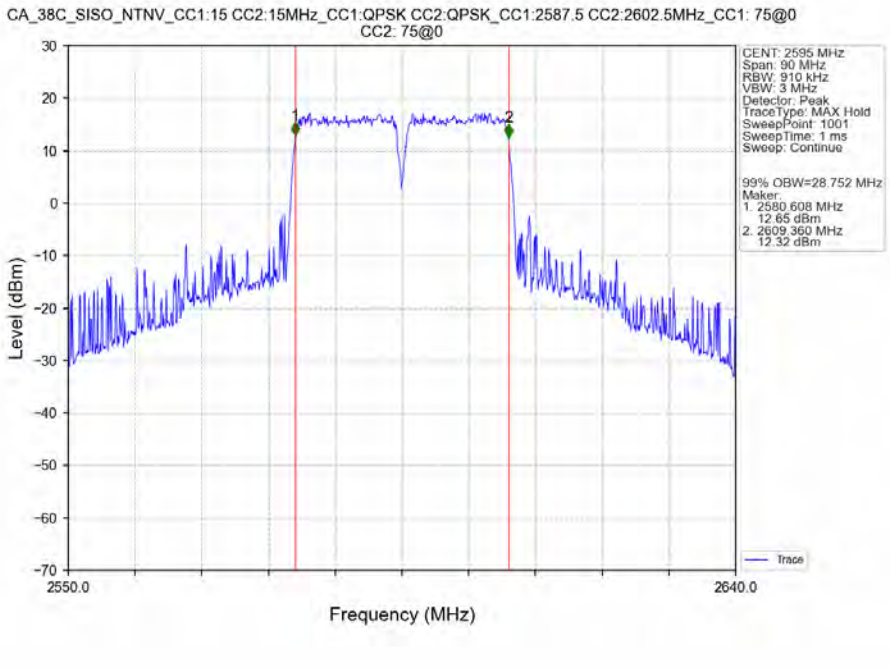
| Band: CA_38C / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| BW (MHz) | Modulation | Frequency (MHz) | RB Allocation | 26dB Bandwidth (MHz) | | Verdict |
| | | | | Sum | Limit | |
| CC1:15 CC2:15 | CC1: QPSK CC2: QPSK | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 37.58 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 48.99 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 43.94 | / | Pass |
| | CC1: 16QAM CC2: 16QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 30.47 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 32.98 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 30.54 | / | Pass |
| | CC1: 64QAM CC2: 64QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 33.68 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 52.40 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 50.41 | / | Pass |
| | CC1: 256QAM CC2: 256QAM | CC1:2577.5 CC2:2592.5 | CC1: 75@0 CC2: 75@0 | 39.10 | / | Pass |
| | | CC1:2587.5 CC2:2602.5 | CC1: 75@0 CC2: 75@0 | 39.55 | / | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 75@0 CC2: 75@0 | 32.64 | / | Pass |
| CC1:20 CC2:20 | CC1: QPSK CC2: QPSK | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 47.71 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 45.82 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 58.28 | / | Pass |
| | CC1: 16QAM CC2: 16QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 45.25 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 44.82 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 51.13 | / | Pass |
| | CC1: 64QAM CC2: 64QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 40.37 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 45.30 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 41.47 | / | Pass |
| | CC1: 256QAM CC2: 256QAM | CC1:2580 CC2:2599.8 | CC1: 100@0 CC2: 100@0 | 48.66 | / | Pass |
| | | CC1:2585.1 CC2:2604.9 | CC1: 100@0 CC2: 100@0 | 58.33 | / | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 100@0 CC2: 100@0 | 50.64 | / | Pass |

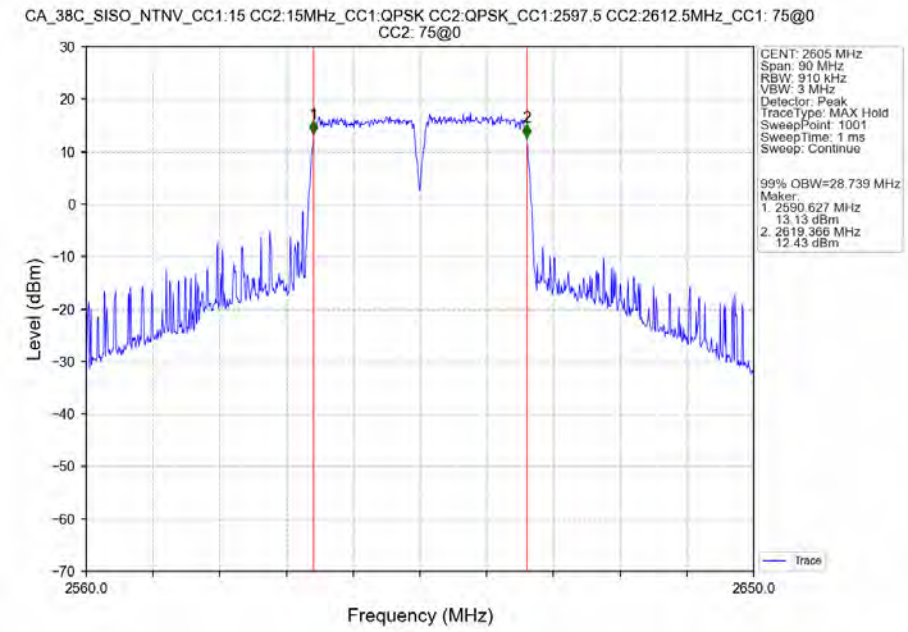
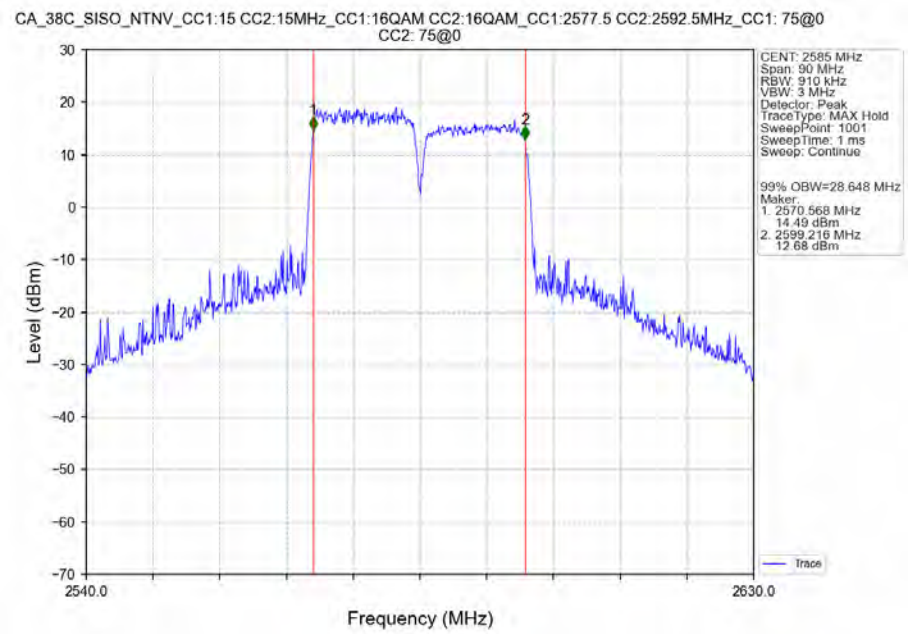
## 2.2 Test Graph

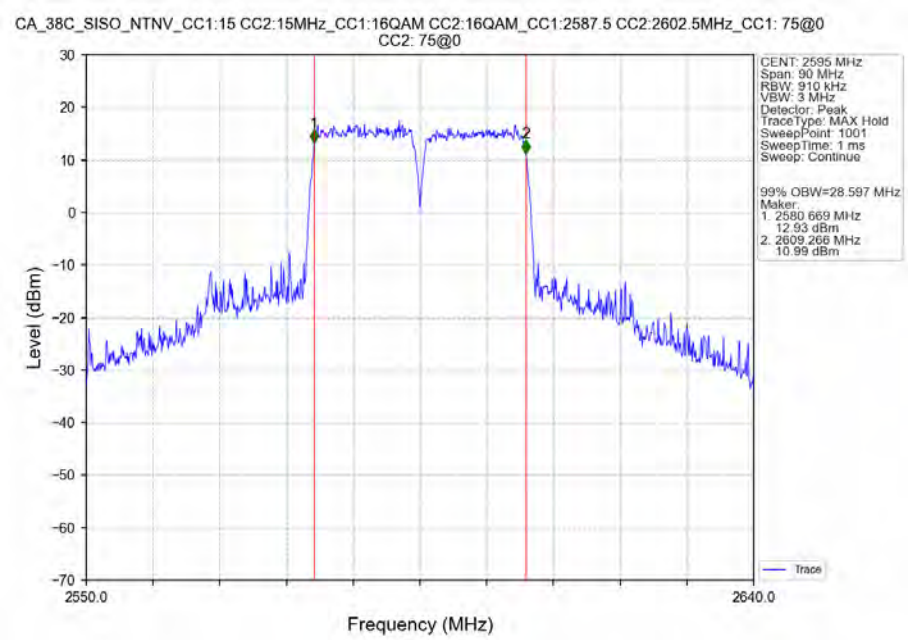
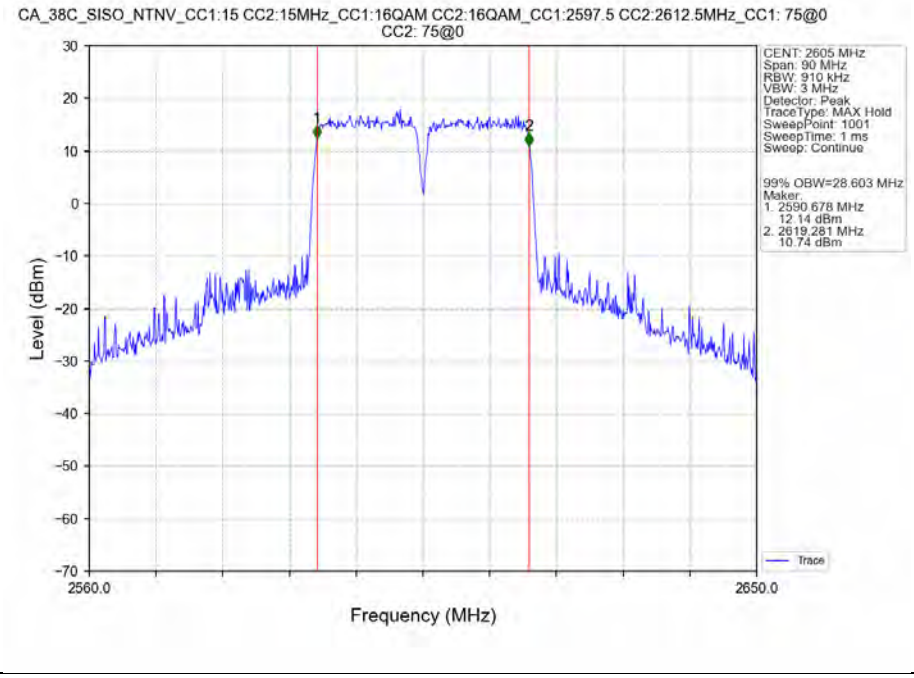
### 2.2.1 CA_38C_NTNV_OBW

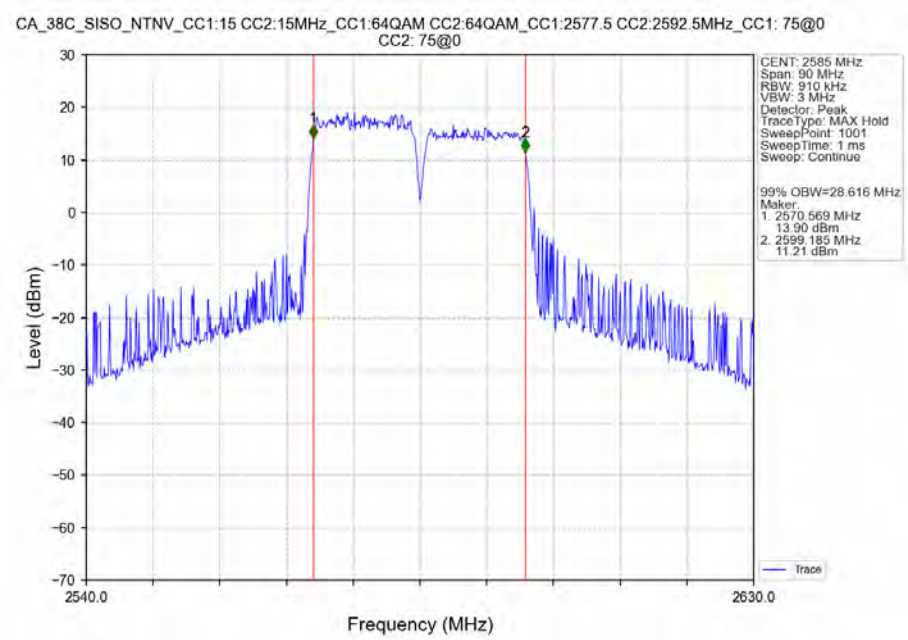
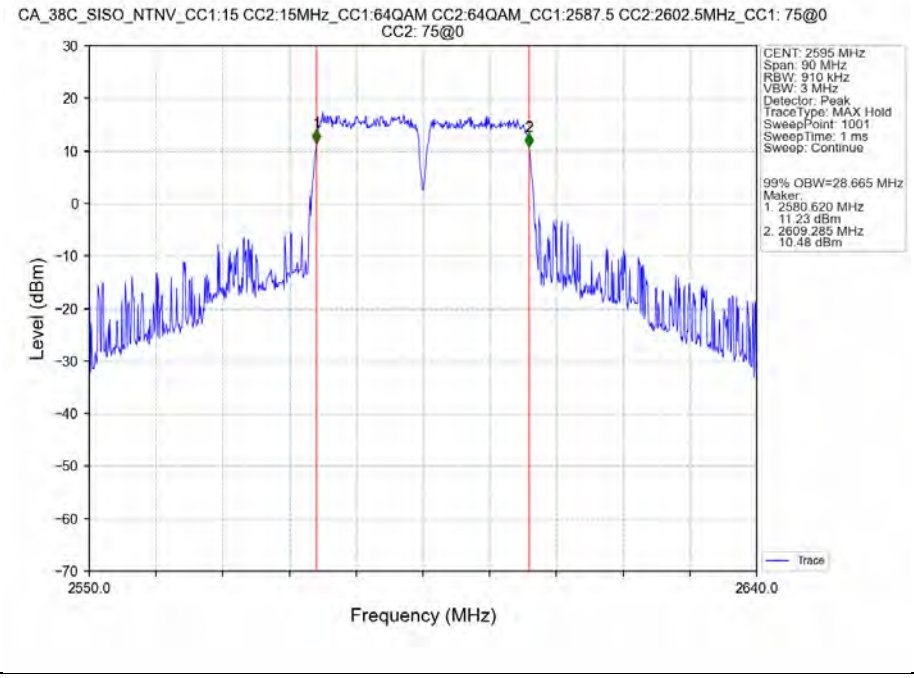
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
|---|
|  |

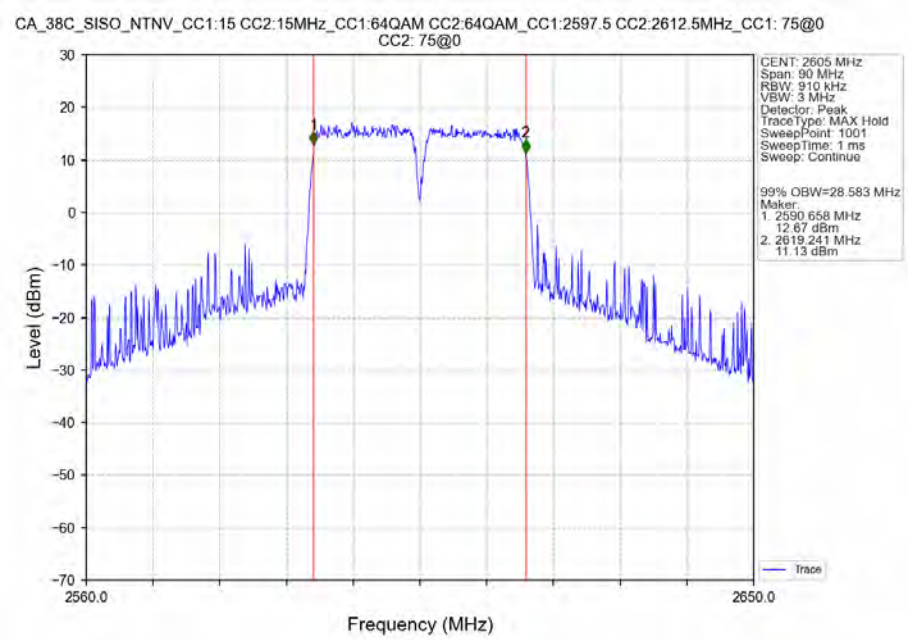


| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
|---|
|  |

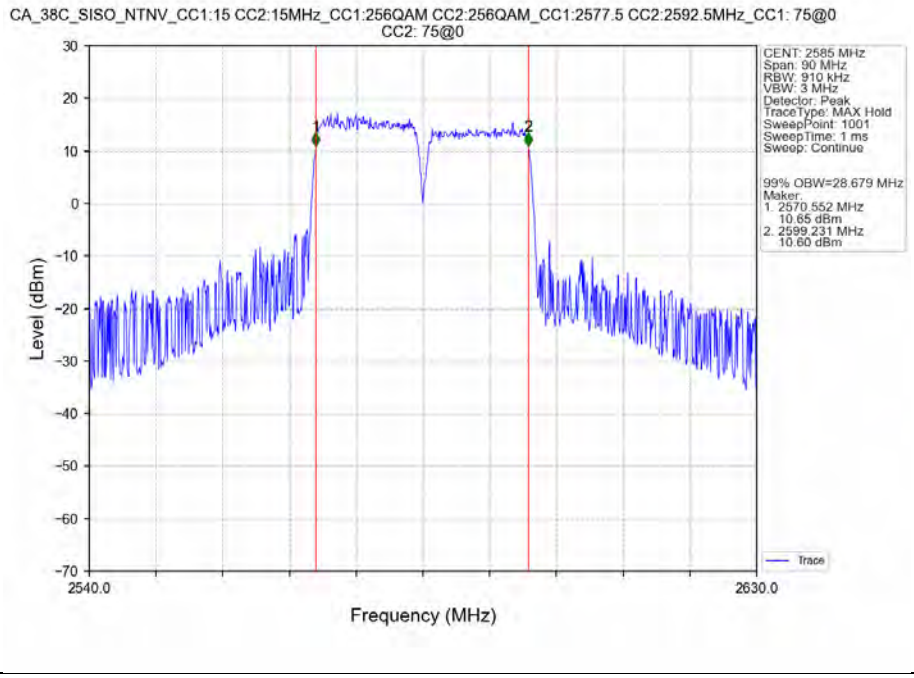
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

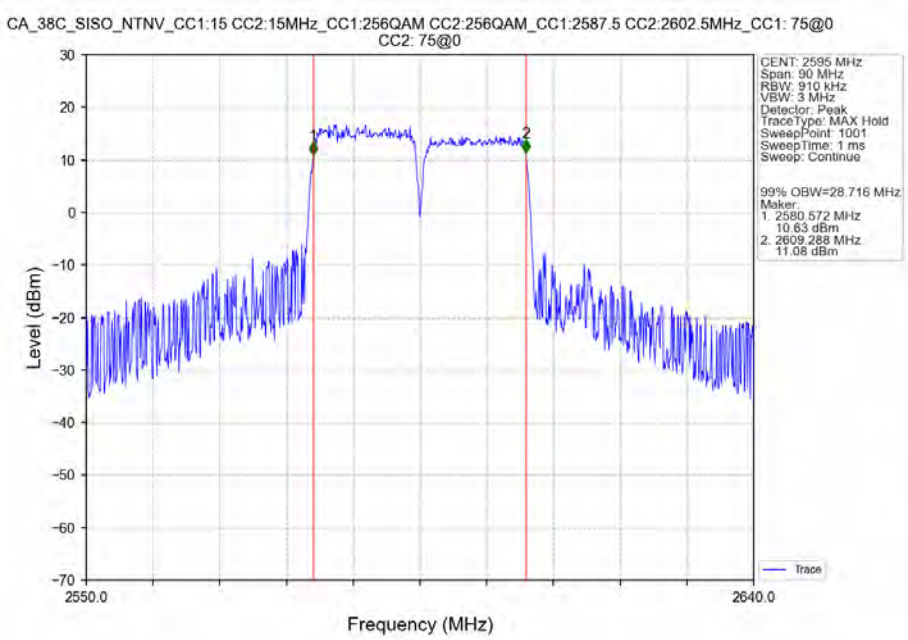
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
|---|
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |

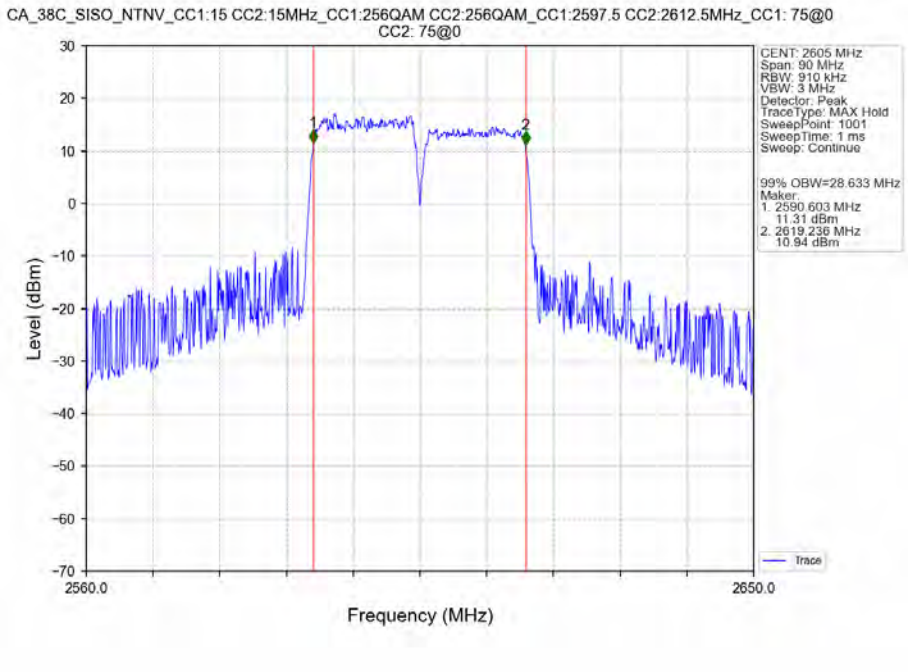


| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |

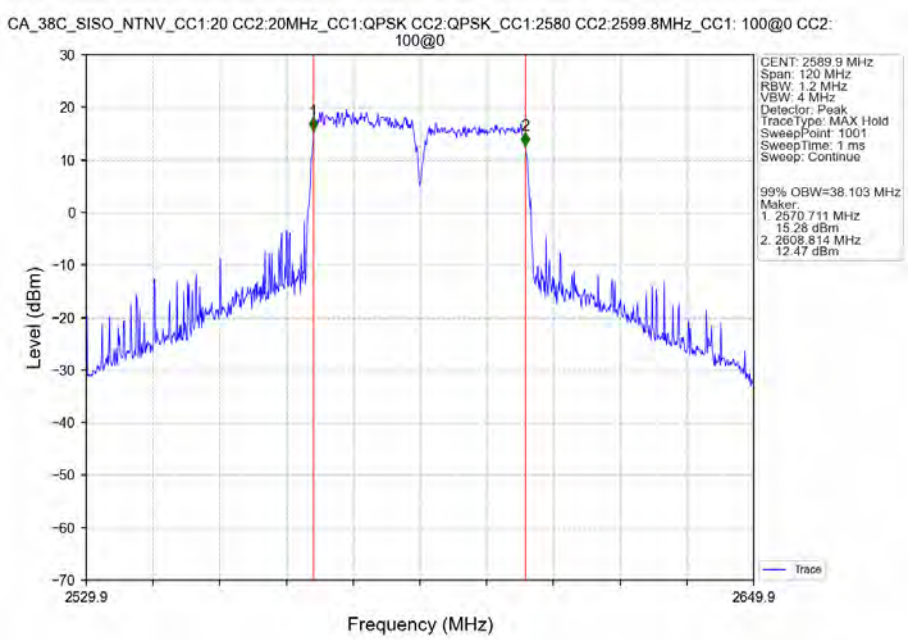
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



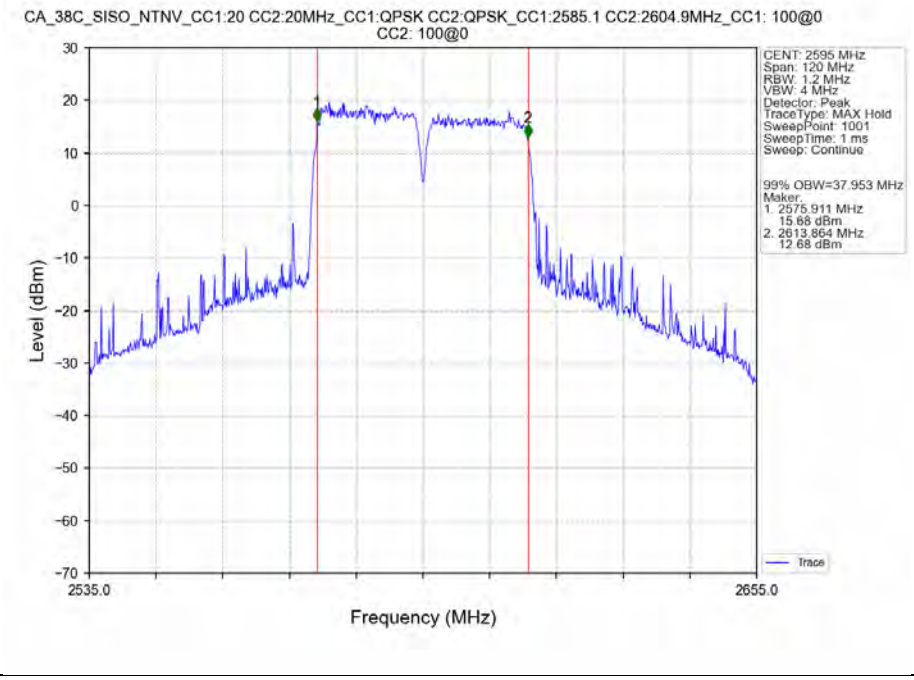

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



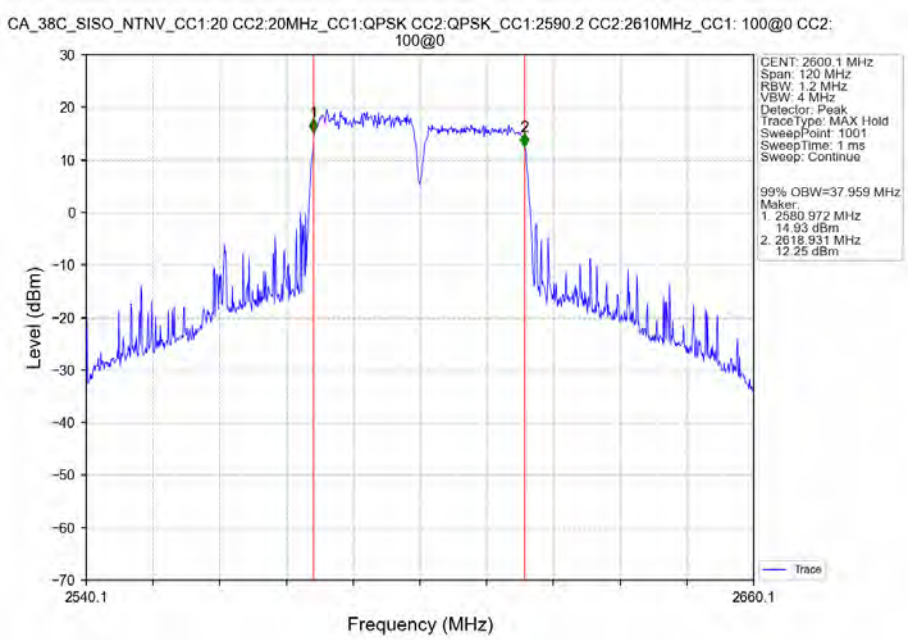
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



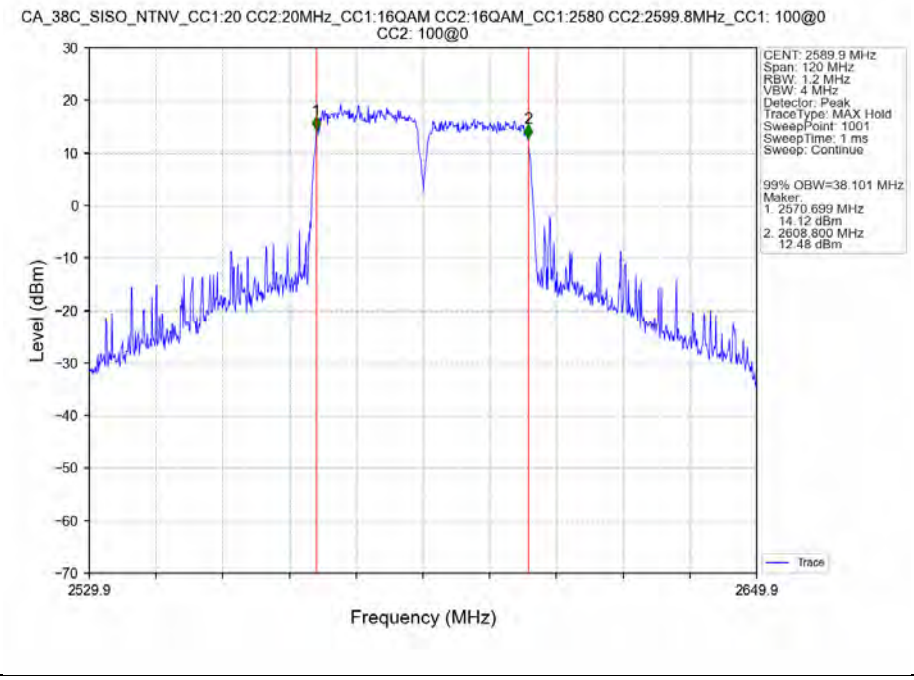

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0

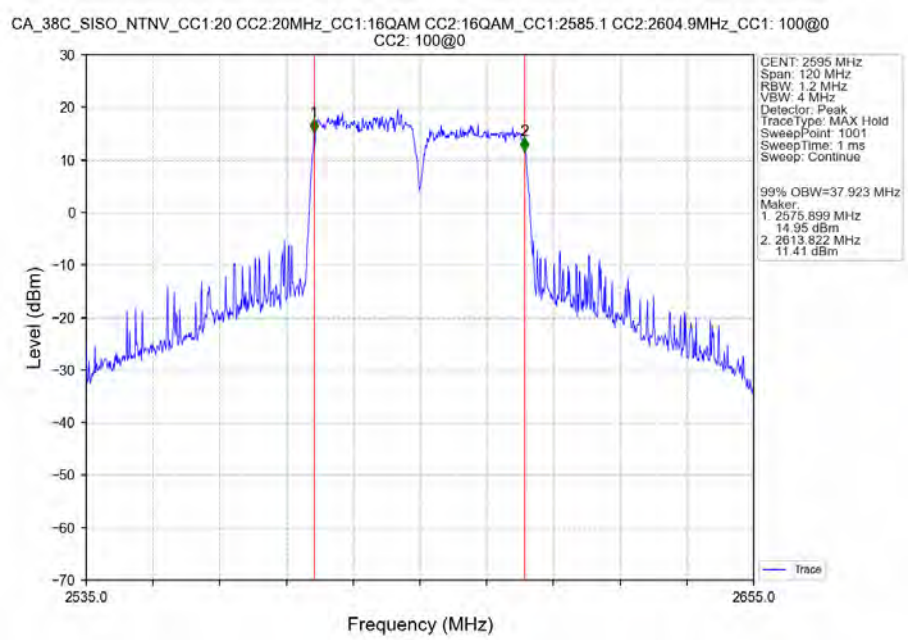


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0

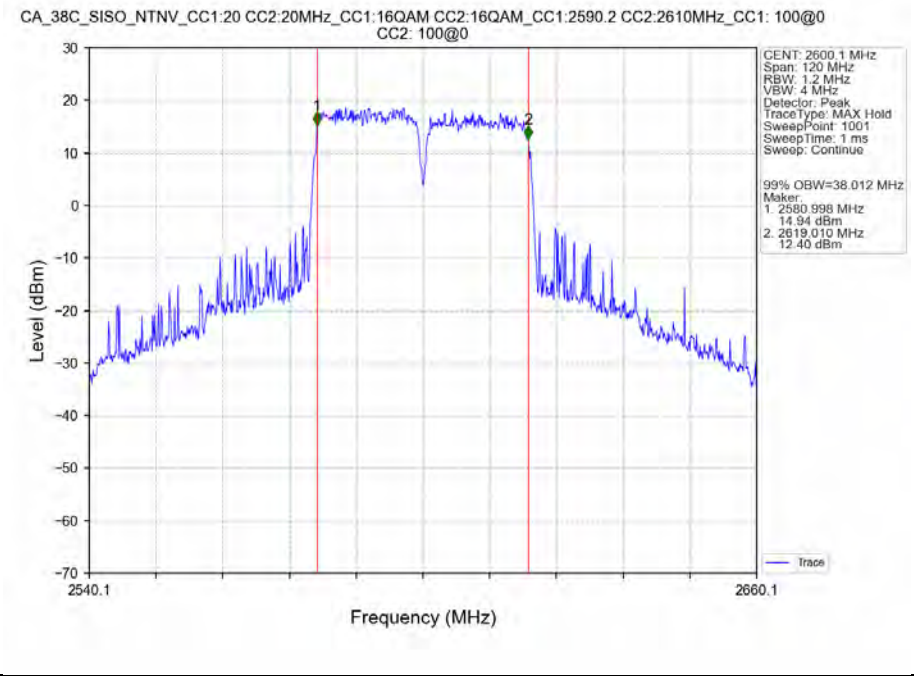



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0

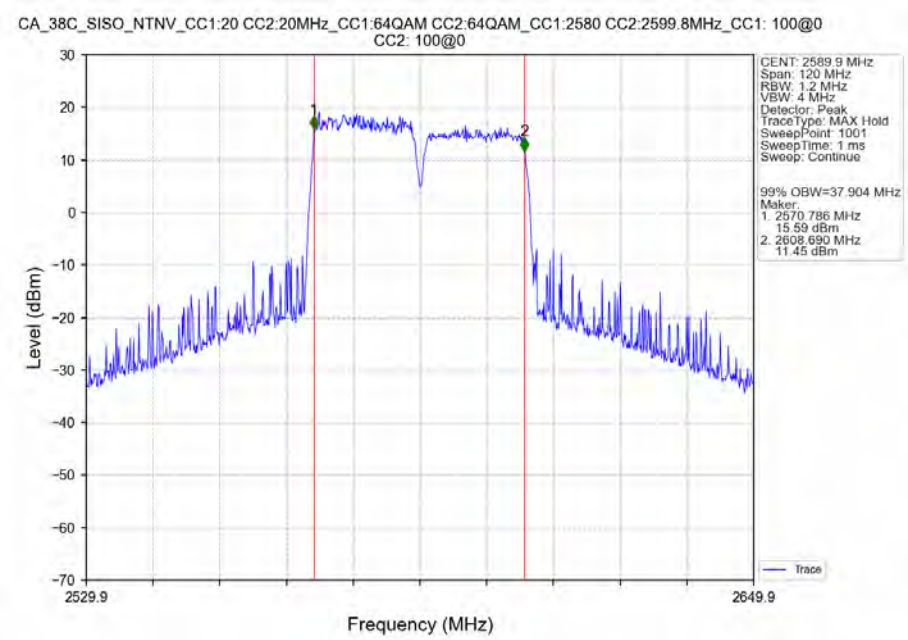


| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |

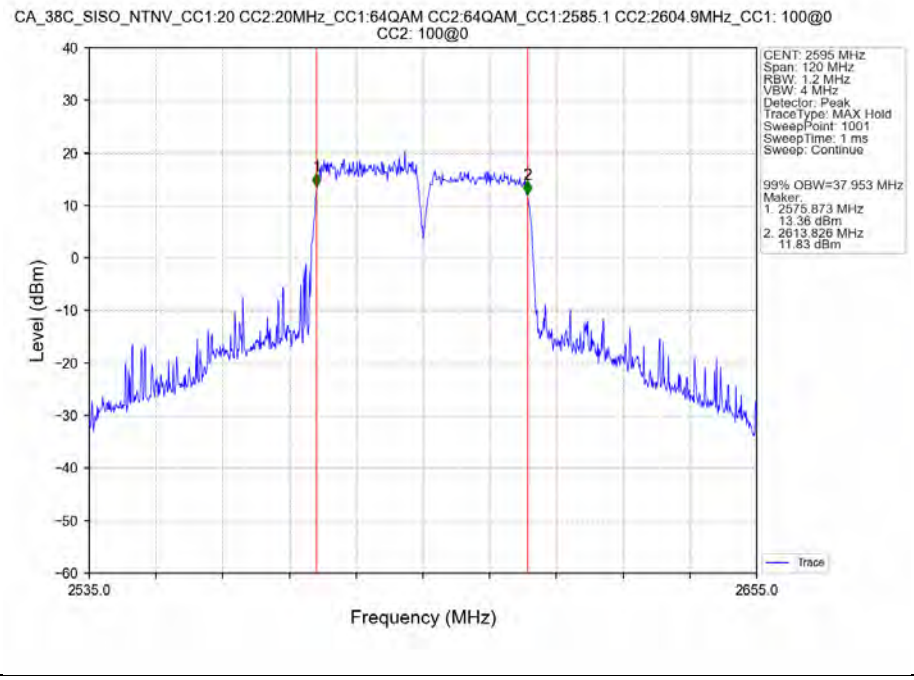


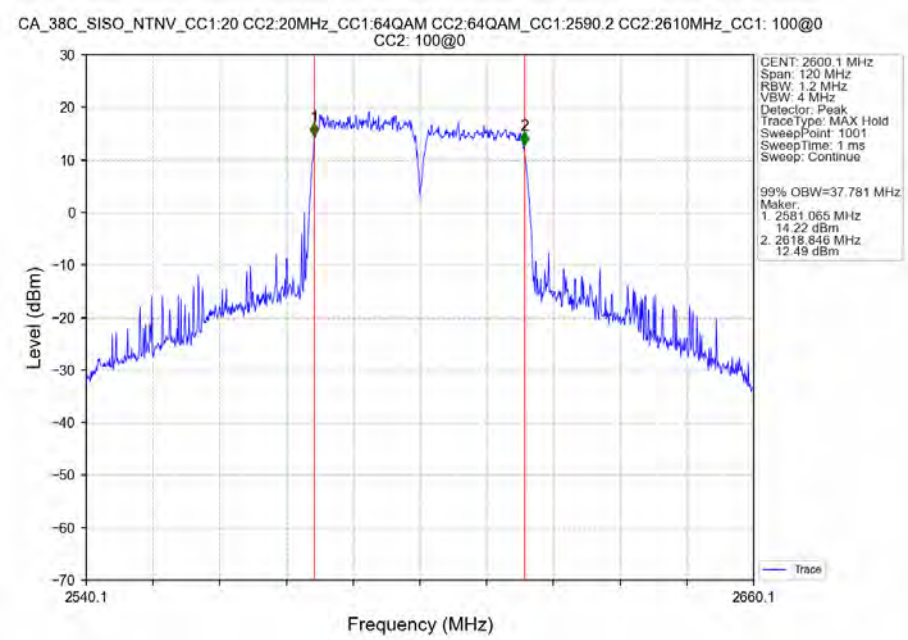
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0

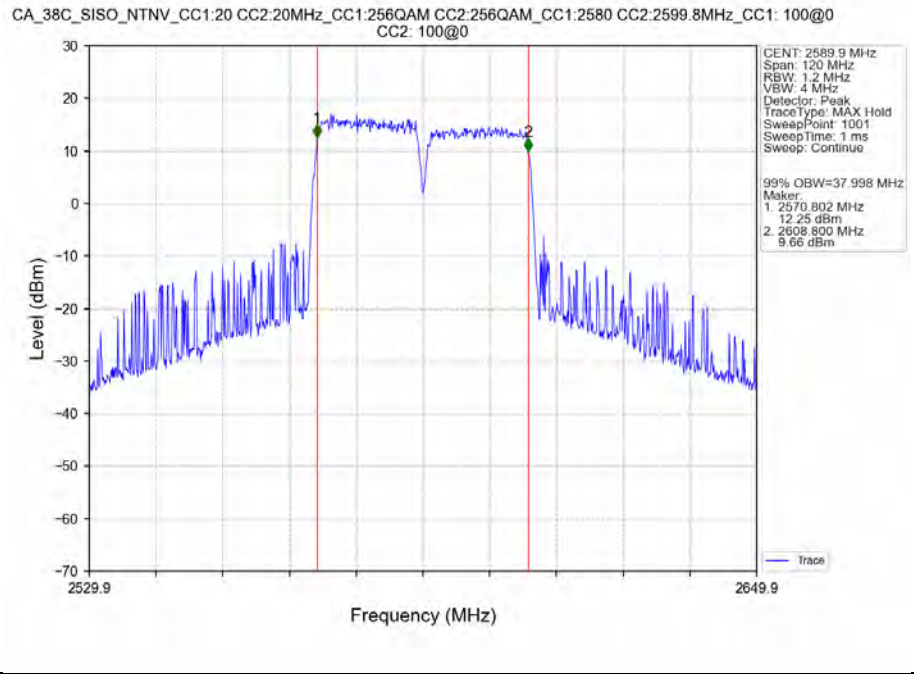


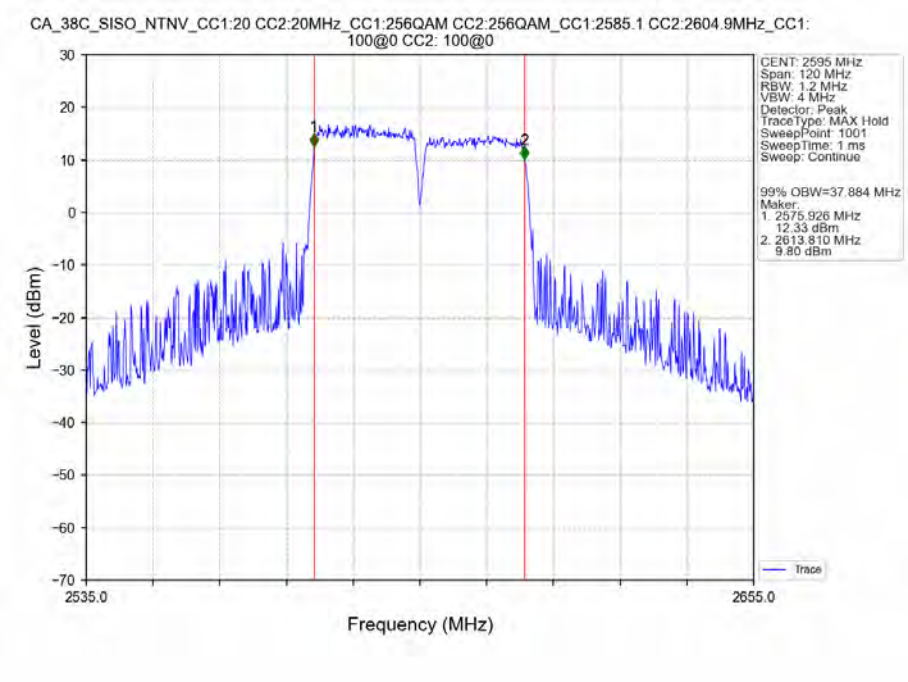

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



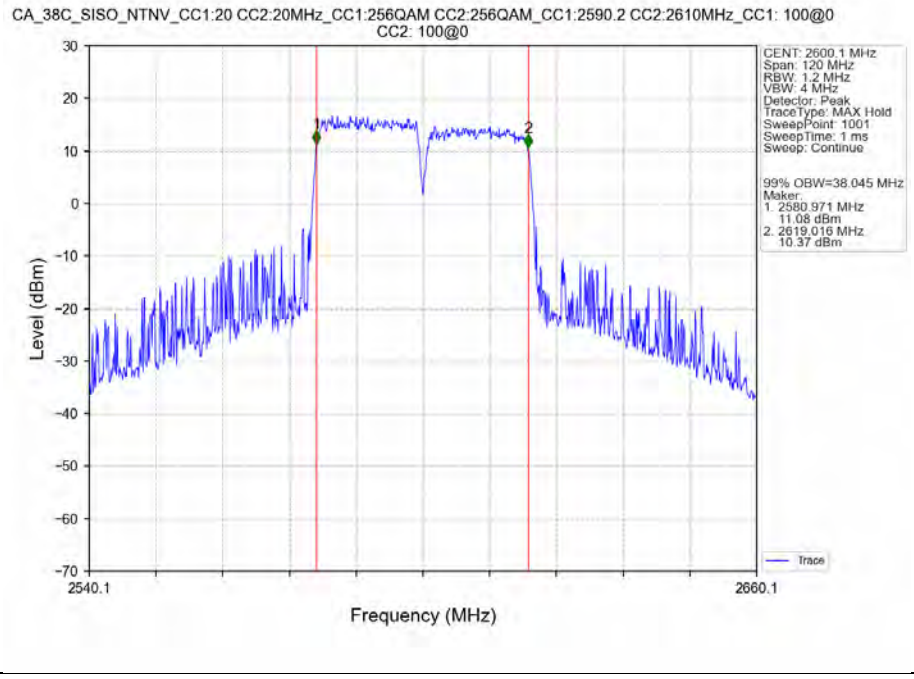
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
|---|
|  |



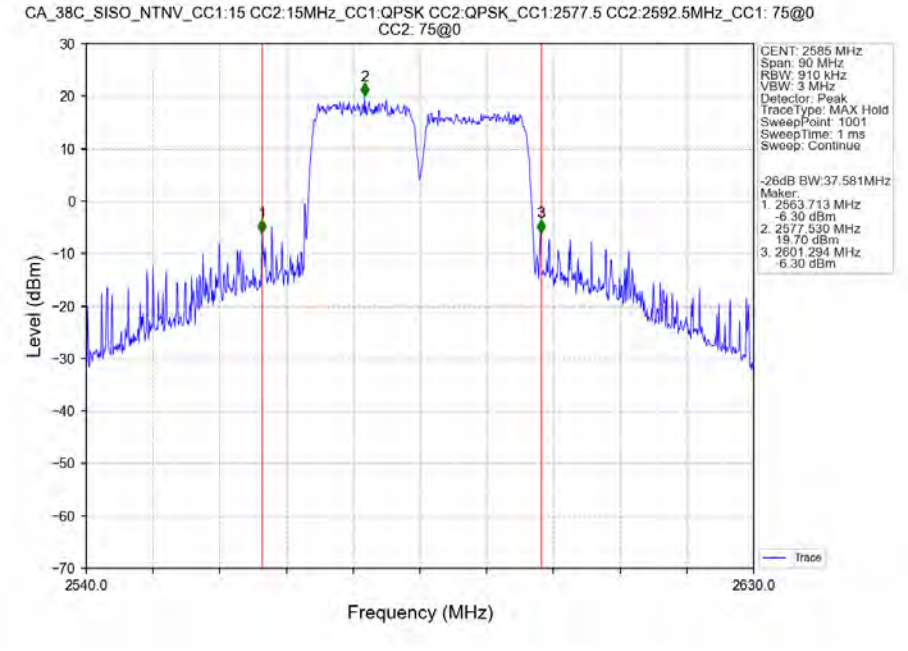
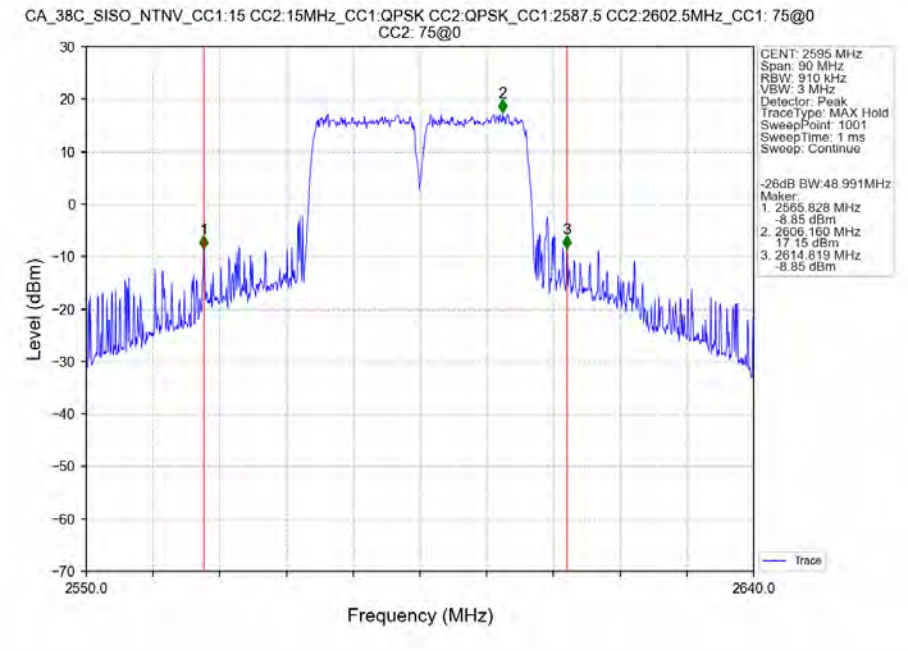
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0 |
|---|
|  |

| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |

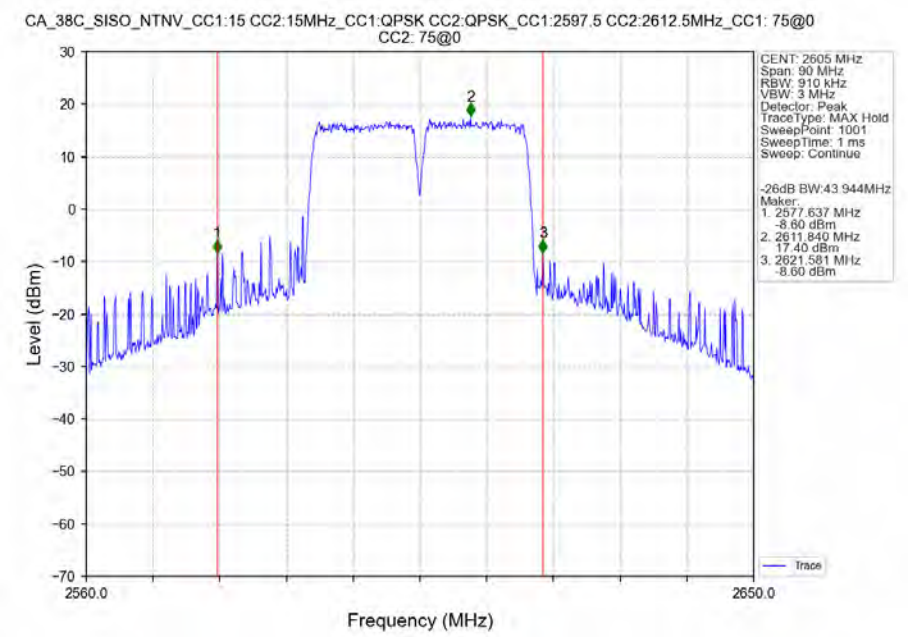


| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |

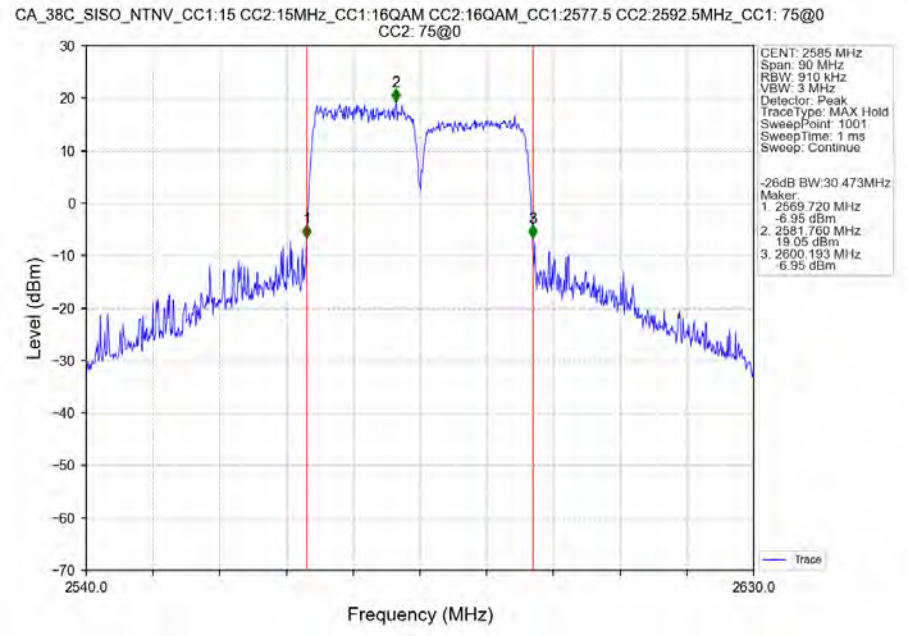
## 2.2.2 CA_38C_NTNV_XDB

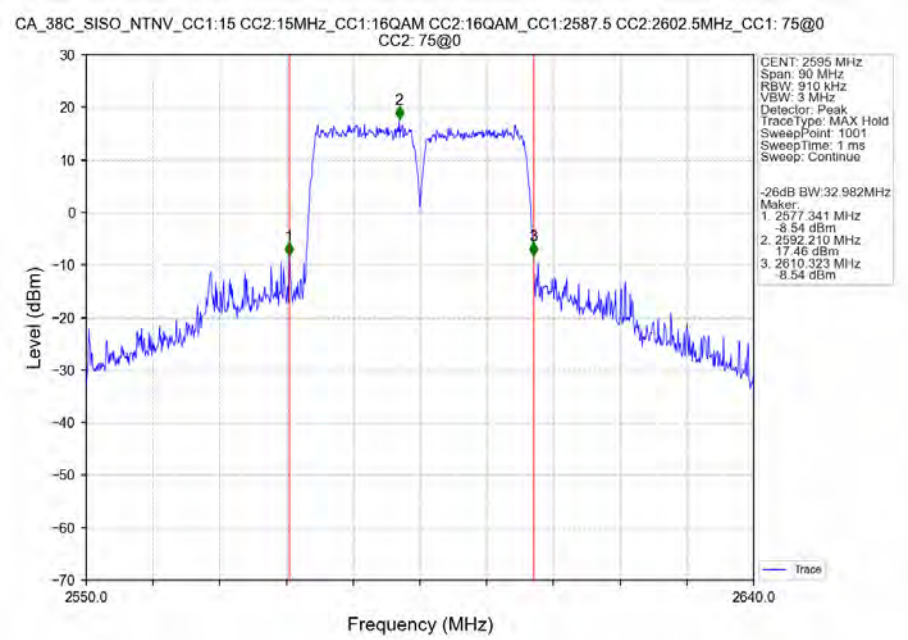
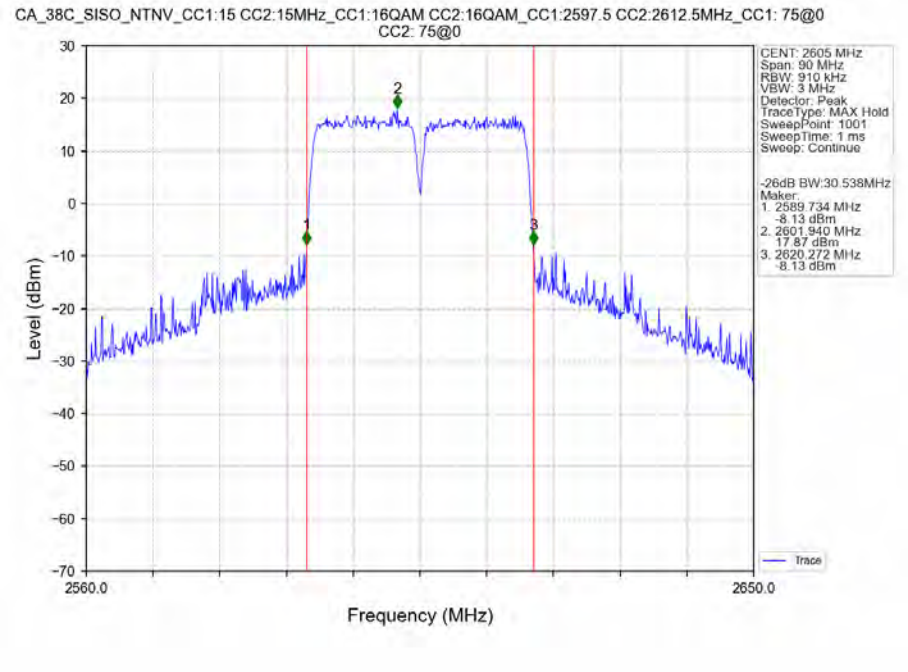
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
|---|
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

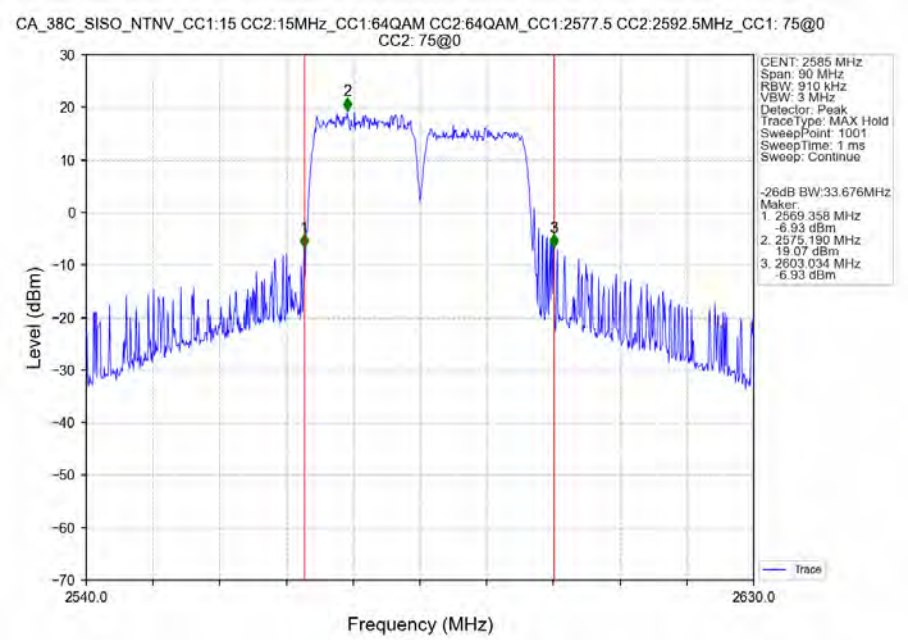
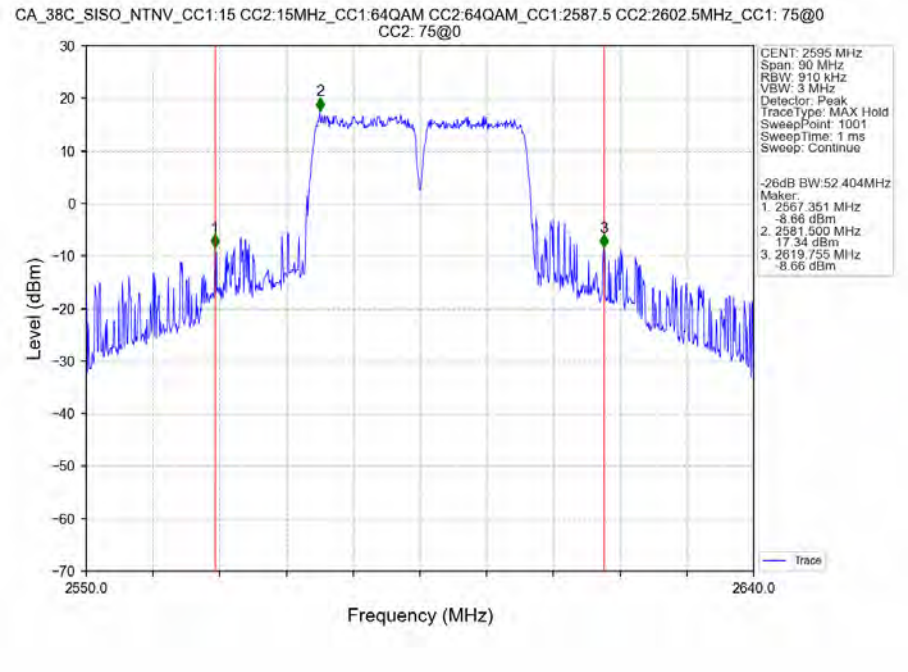
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0

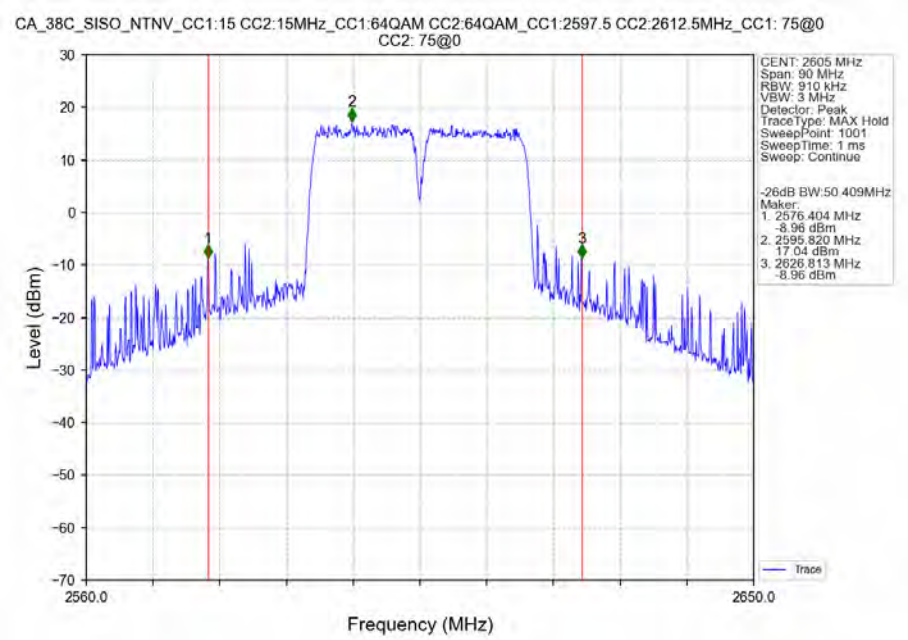
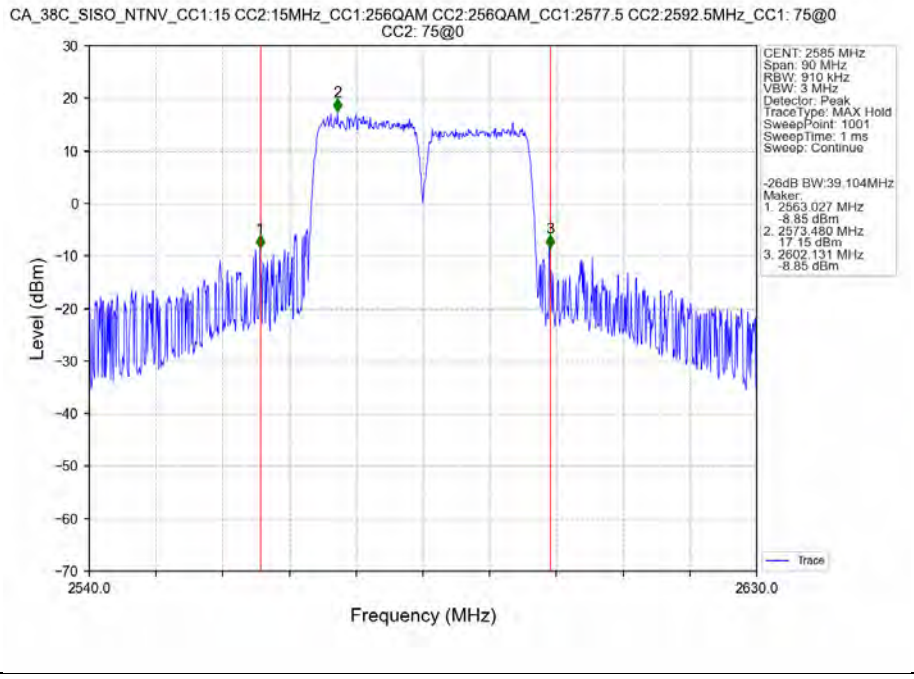


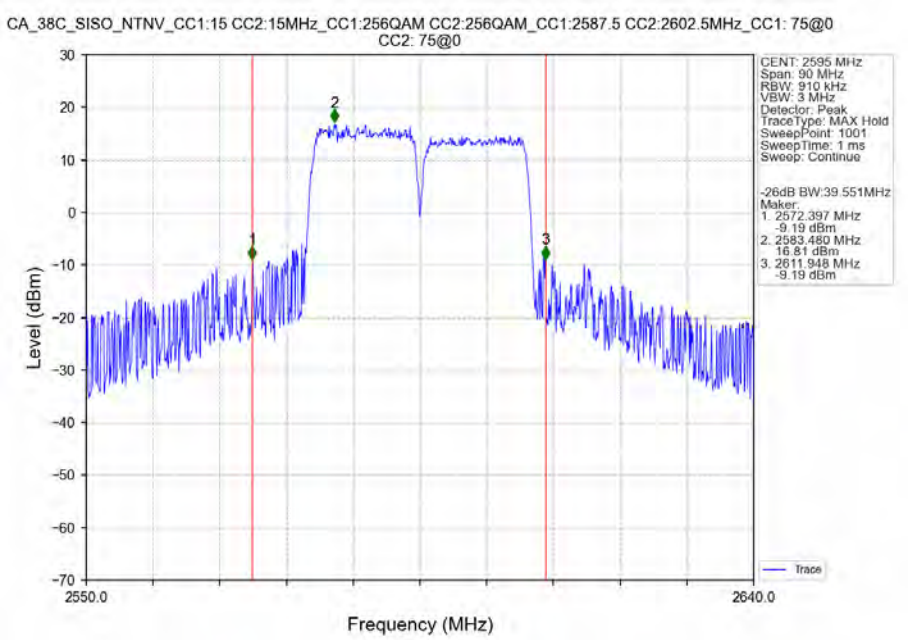

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



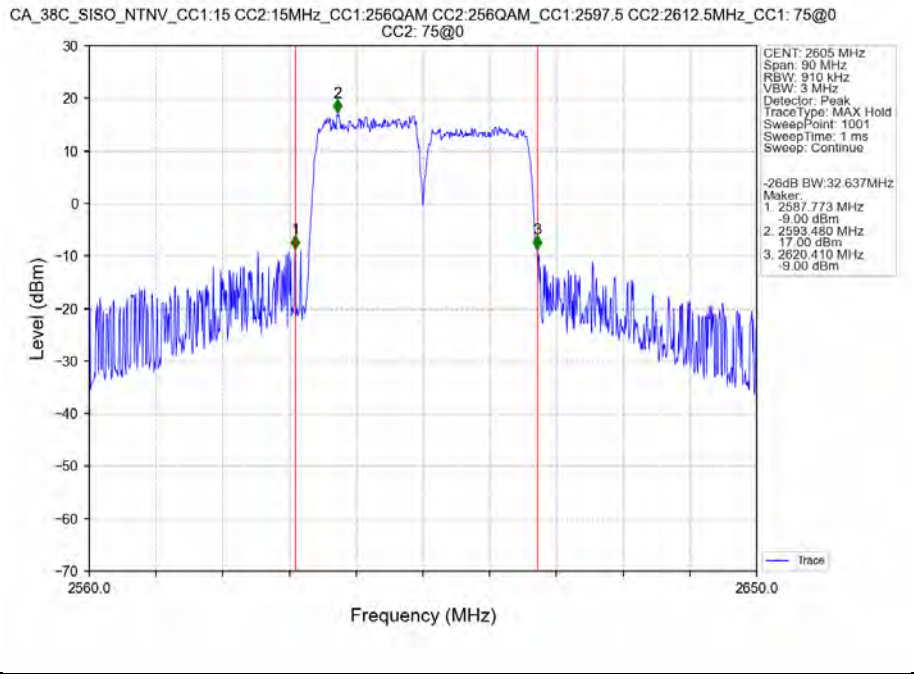
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

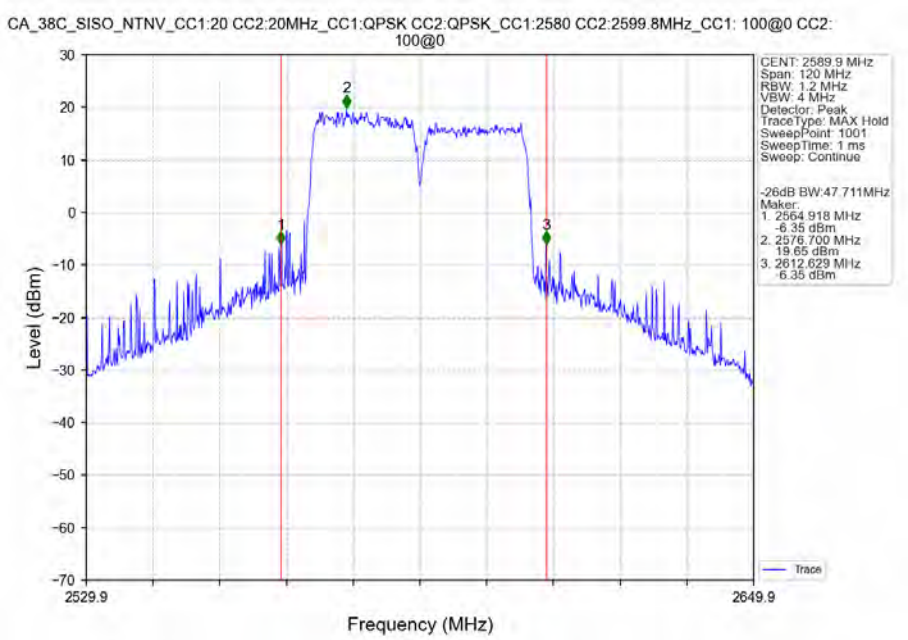
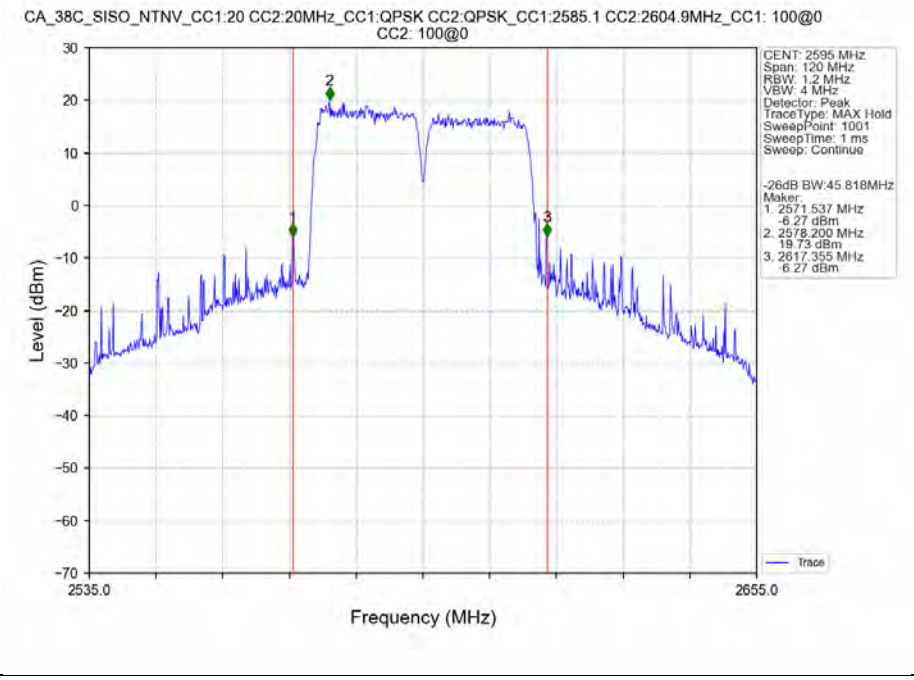
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

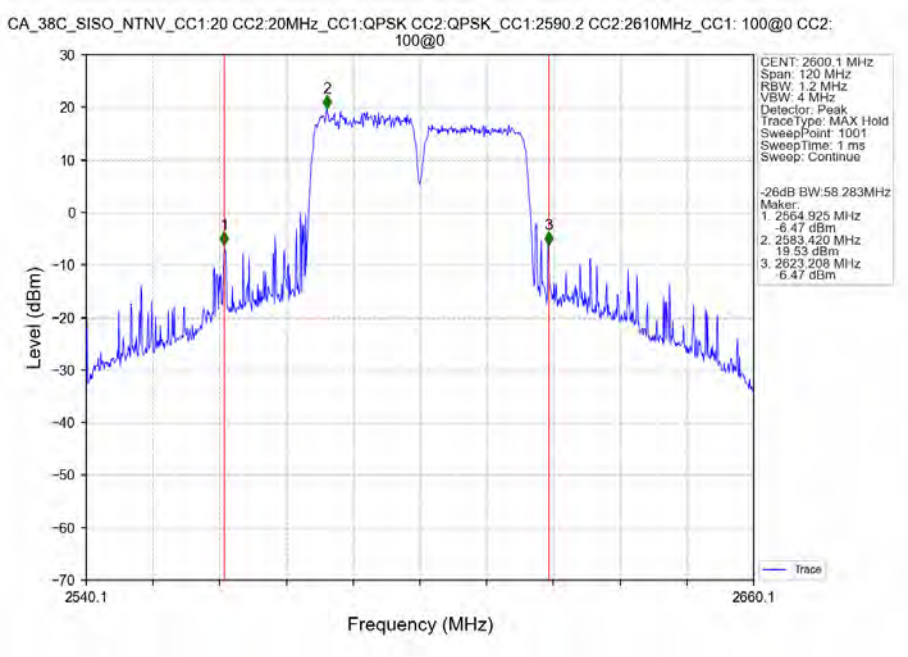
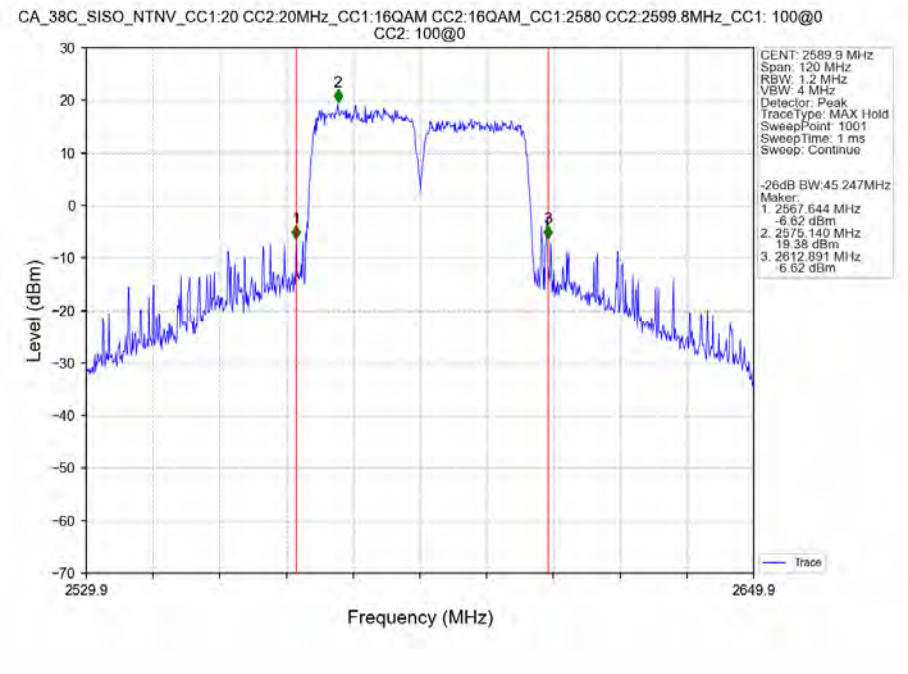
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
|---|
|  |
| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0 |
|  |

| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |

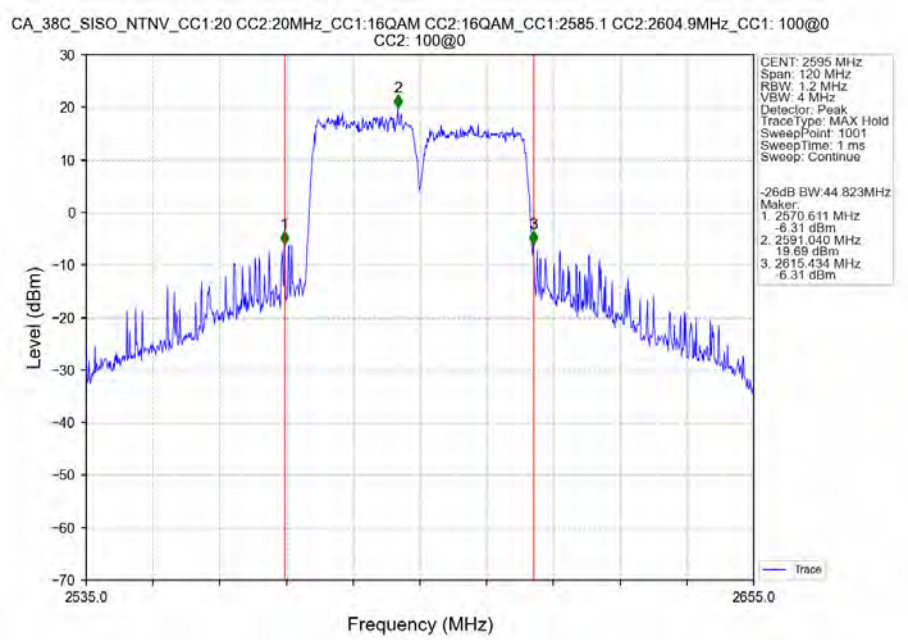


| CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0 |
| --- |
|  |

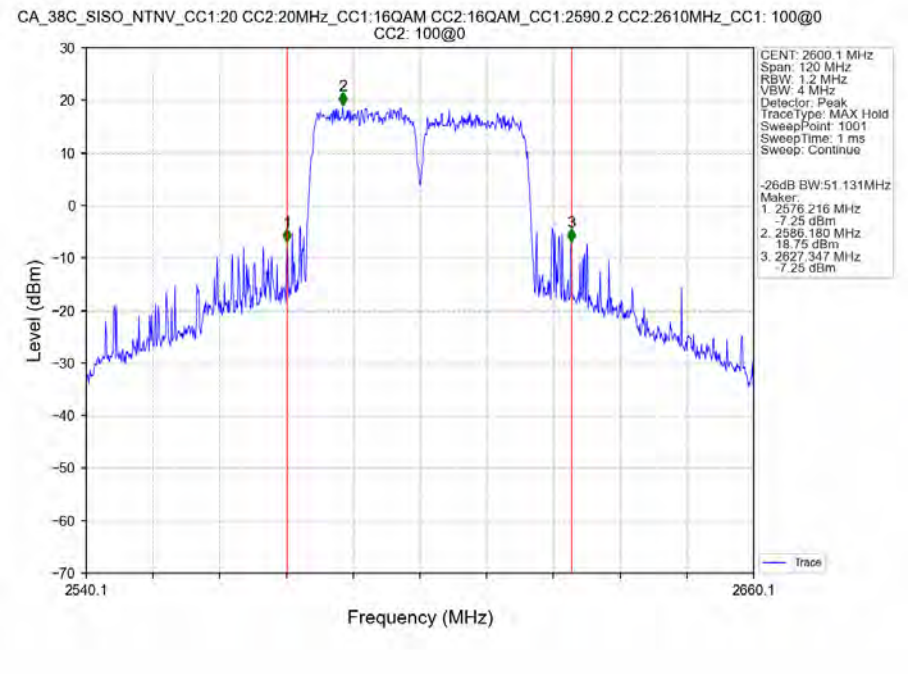
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0 |
|  |

| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0 |
|  |

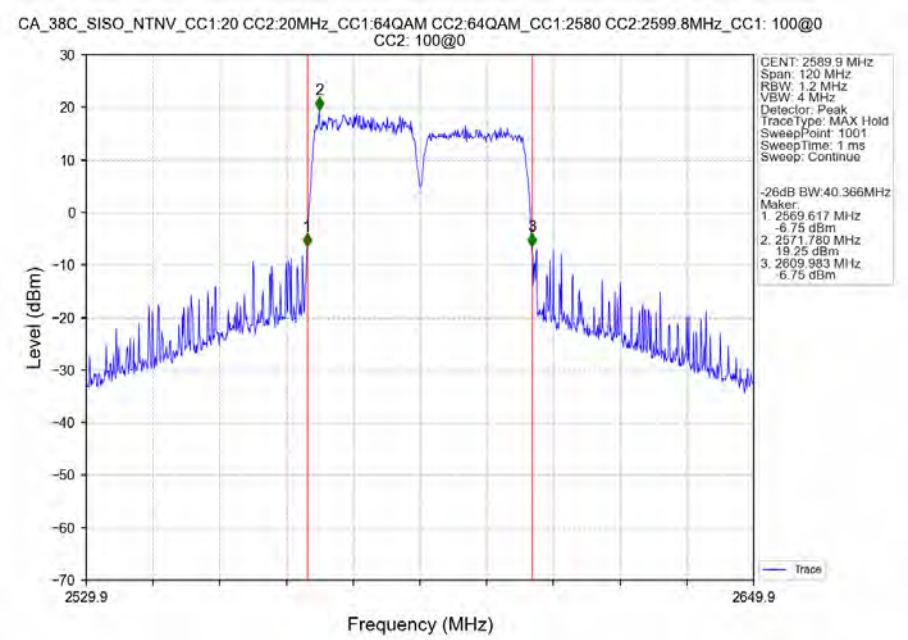
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



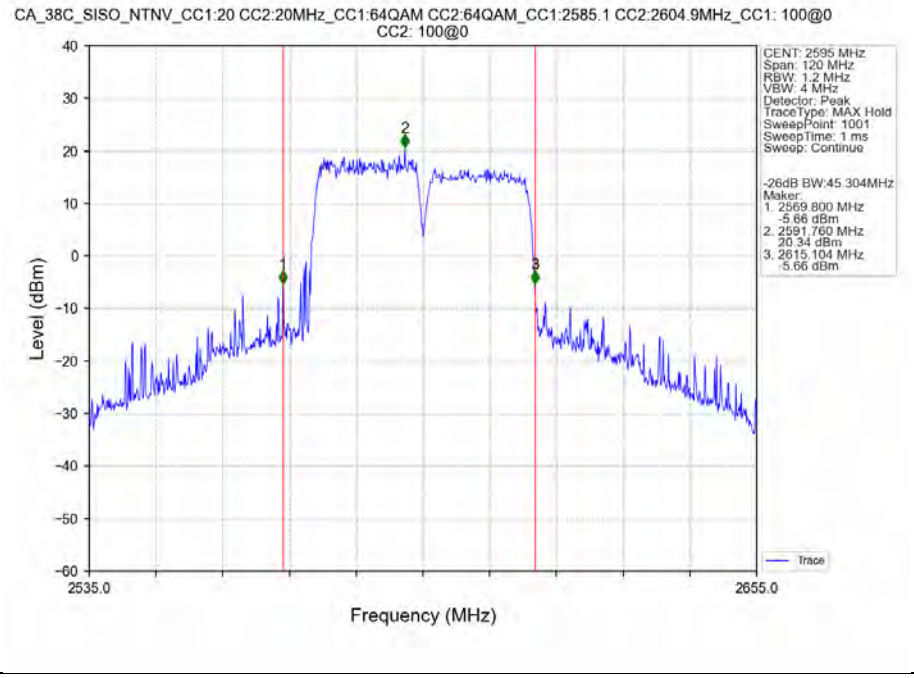

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



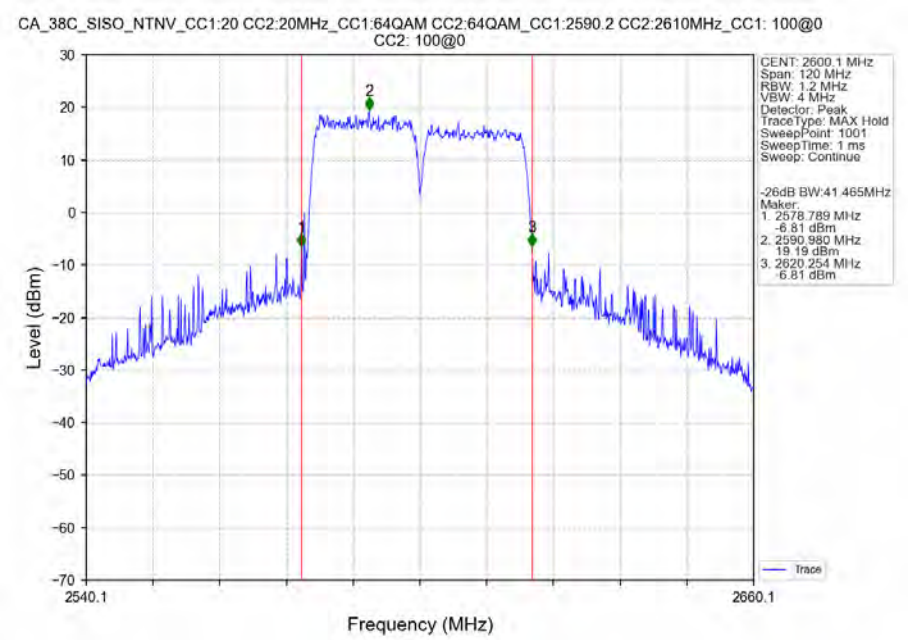
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



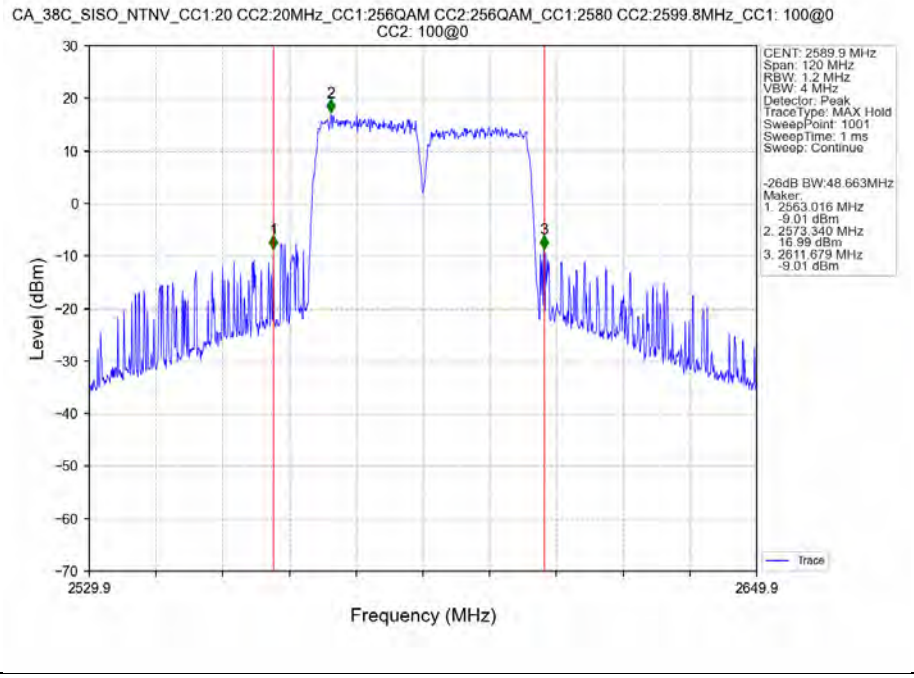

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



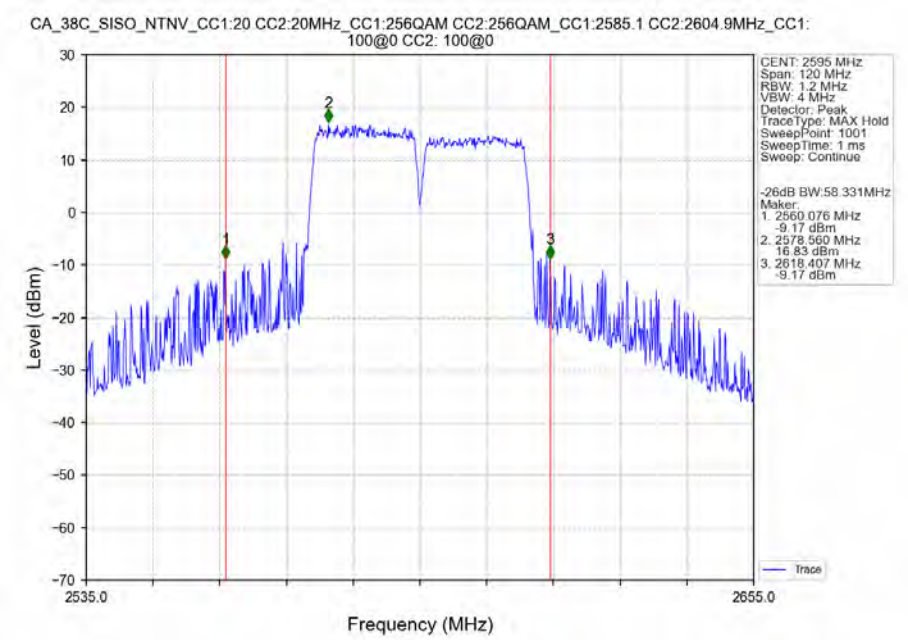
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



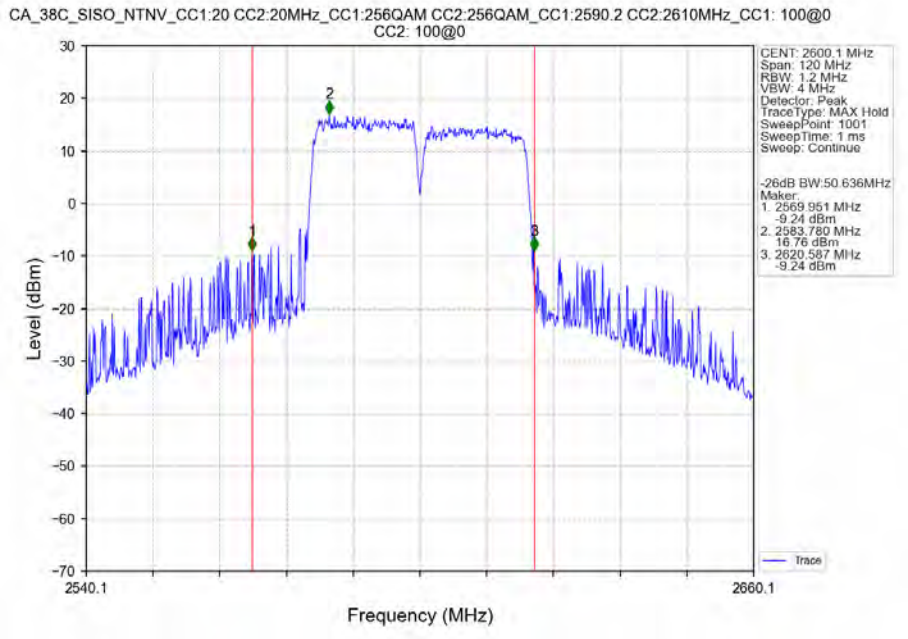

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0




CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



# 3. Spurious Emission

## 3.1 Test Result

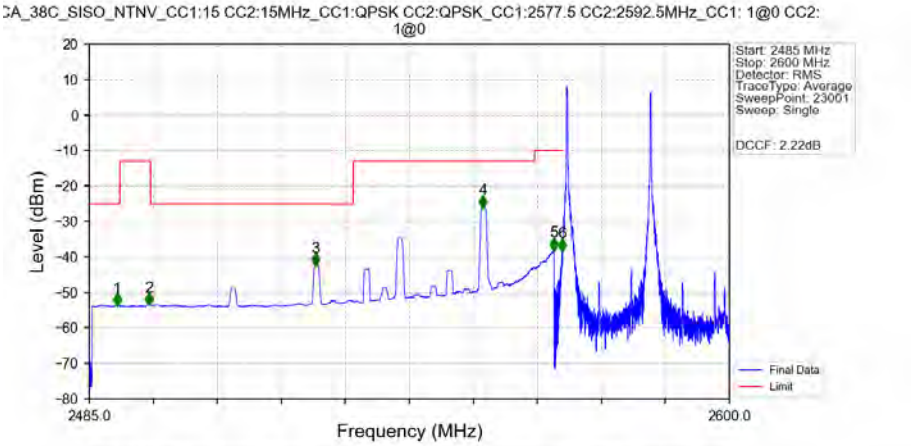
### 3.1.1 CA_38C_NTNV

| Band: CA_38C / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW (MHz) | Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | | CC1 | CC2 | Sum | Limit | |
| CC1:15 CC2:15 | CC1: QPSK CC2: QPSK | CC1:2577.5 CC2:2592.5 | CC1: 1@0 CC2: 1@0 | Refer To Test Graph | | | | Pass |
| | | | CC1: 75@0 CC2: 75@0 | Refer To Test Graph | | | | Pass |
| | | CC1:2597.5 CC2:2612.5 | CC1: 1@0 CC2: 1@0 | Refer To Test Graph | | | | Pass |
| | | | CC1: 1@74 CC2: 1@74 | Refer To Test Graph | | | | Pass |
| | | | CC1: 75@0 CC2: 75@0 | Refer To Test Graph | | | | Pass |
| CC1:20 CC2:20 | CC1: QPSK CC2: QPSK | CC1:2580 CC2:2599.8 | CC1: 1@0 CC2: 1@0 | Refer To Test Graph | | | | Pass |
| | | | CC1: 100@0 CC2: 100@0 | Refer To Test Graph | | | | Pass |
| | | CC1:2590.2 CC2:2610 | CC1: 1@0 CC2: 1@0 | Refer To Test Graph | | | | Pass |
| | | | CC1: 1@99 CC2: 1@99 | Refer To Test Graph | | | | Pass |
| | | | CC1: 100@0 CC2: 100@0 | Refer To Test Graph | | | | Pass |

## 3.2 Test Graph

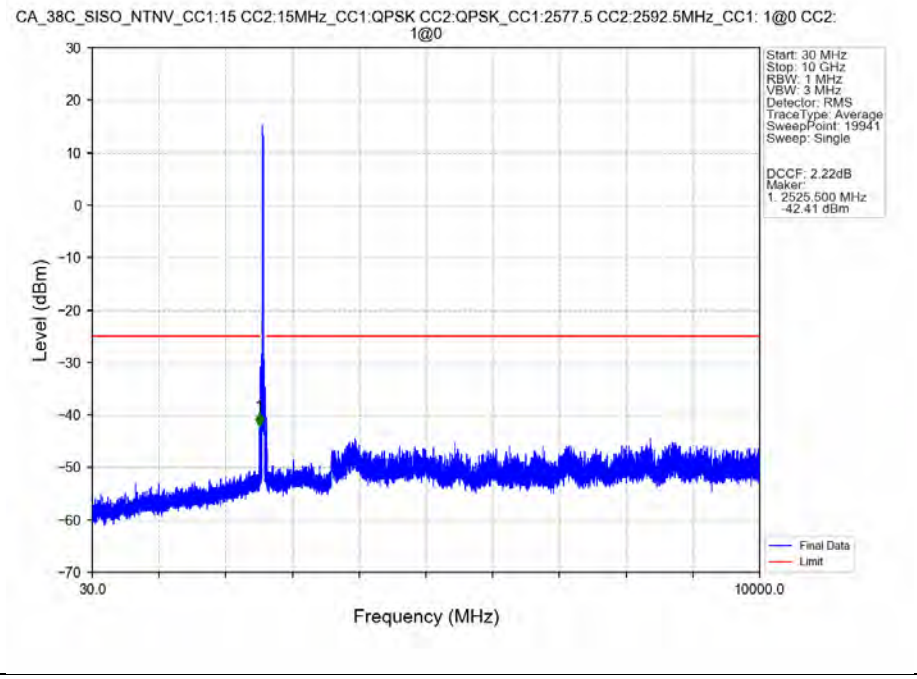
### 3.2.1 CA_38C_NTNV

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

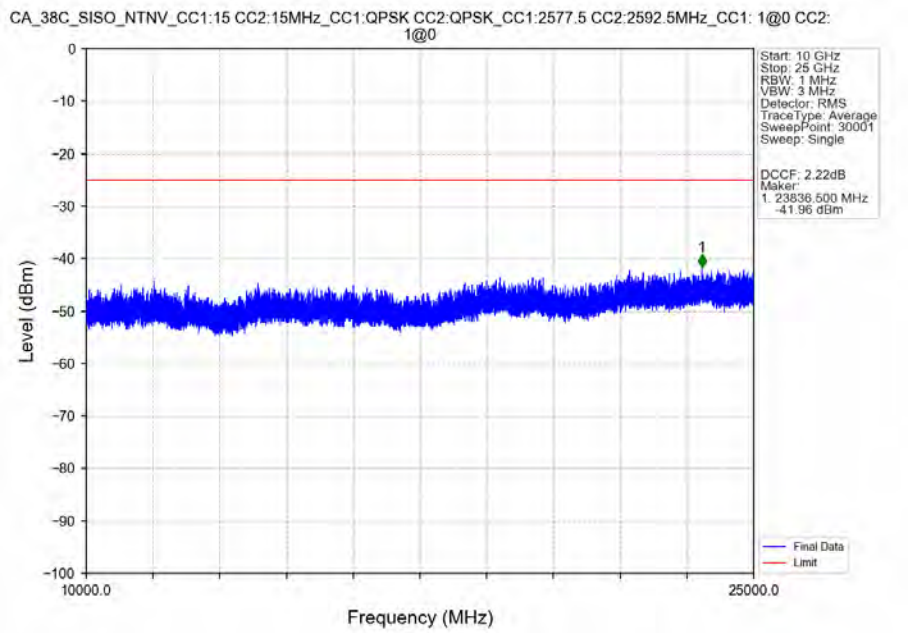



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.010 | -53.58 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.705 | -53.38 | -13 | Pass |
| 2496 | 2532.419 | 1 | CHP | 3 | 2525.685 | -42.28 | -25 | Pass |
| 2532.419 | 2565 | 1 | CHP | 4 | 2555.725 | -25.96 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.485 | -37.89 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.965 | -38.11 | -10 | Pass |
| 2570 | 2600 | 0.02 | CHP | / | / | / | / | / |

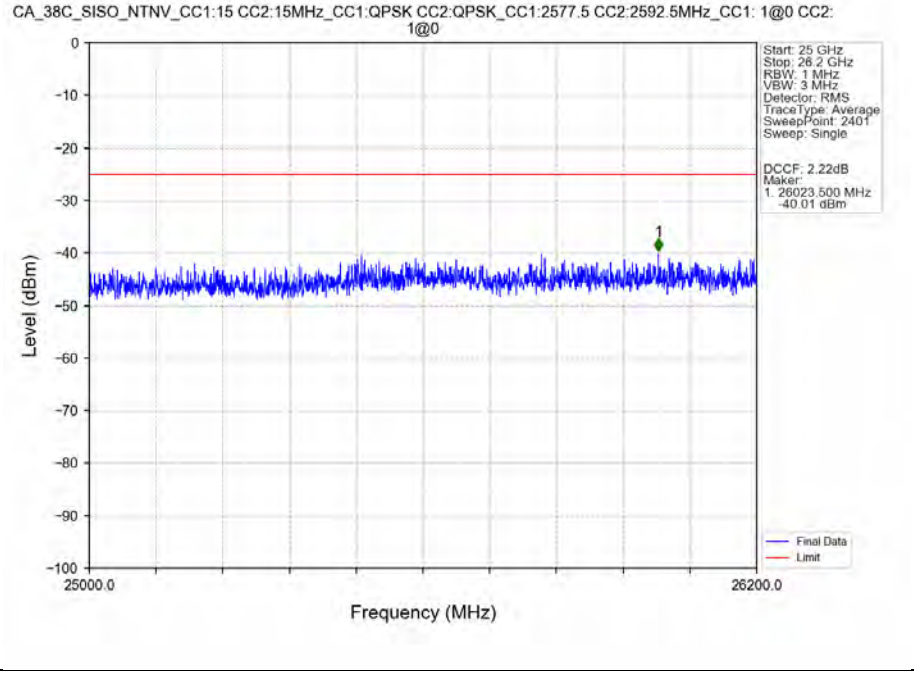
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0



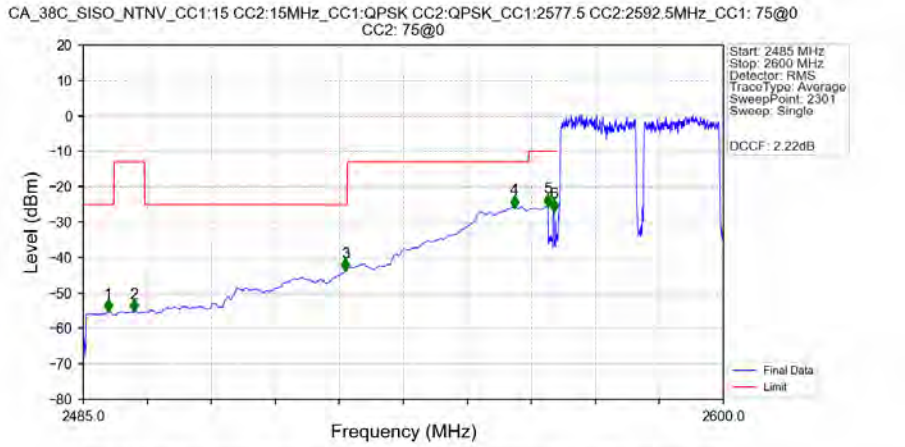
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0




CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

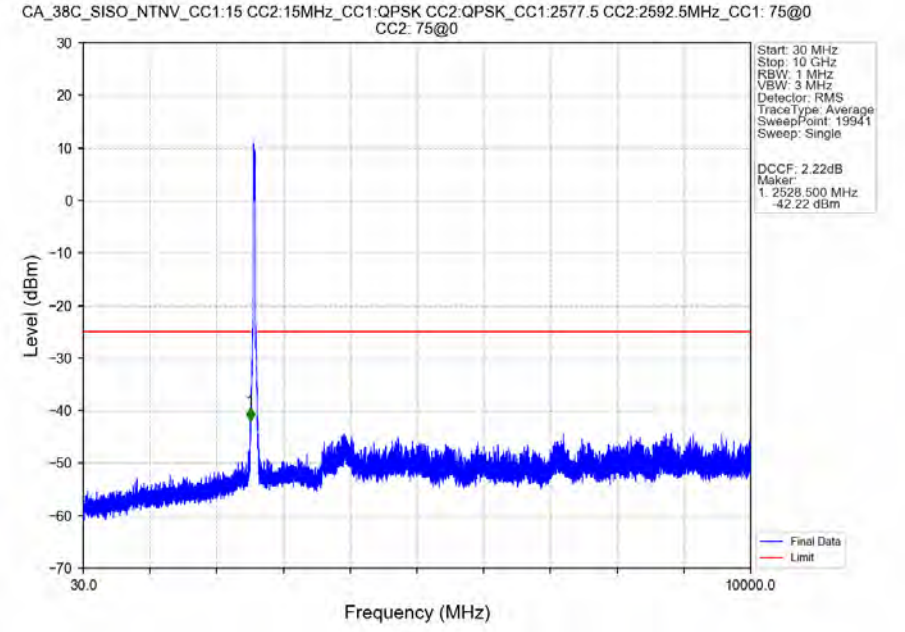


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0

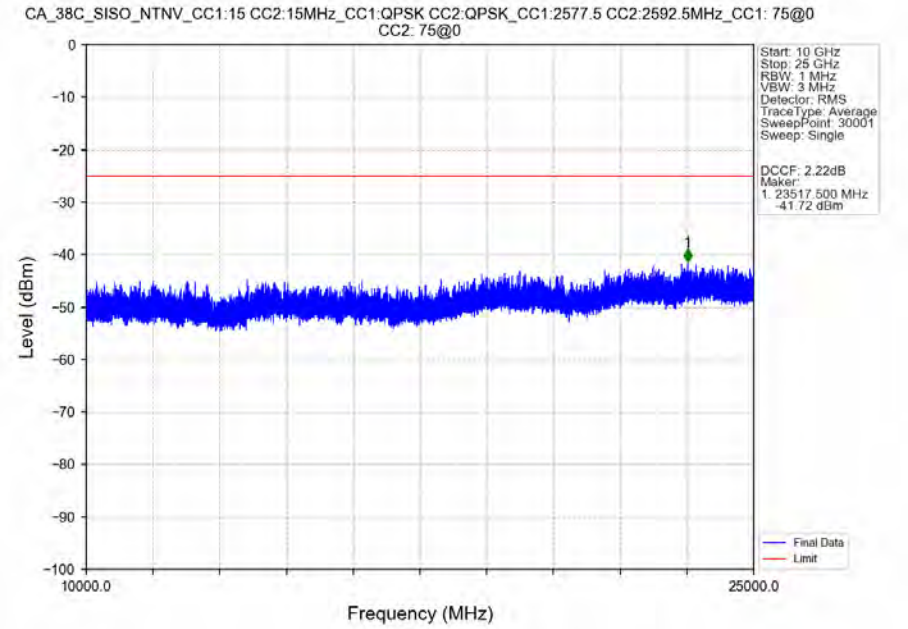



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.450 | -55.10 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2494.150 | -55.11 | -13 | Pass |
| 2496 | 2532.419 | 1 | CHP | 3 | 2532.100 | -43.65 | -25 | Pass |
| 2532.419 | 2565 | 1 | CHP | 4 | 2562.450 | -25.72 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -25.31 | -10 | Pass |
| 2569 | 2570 | 0.752 | CHP | 6 | 2569.600 | -26.83 | -10 | Pass |
| 2570 | 2600 | 0.1 | / | / | / | / | / | / |

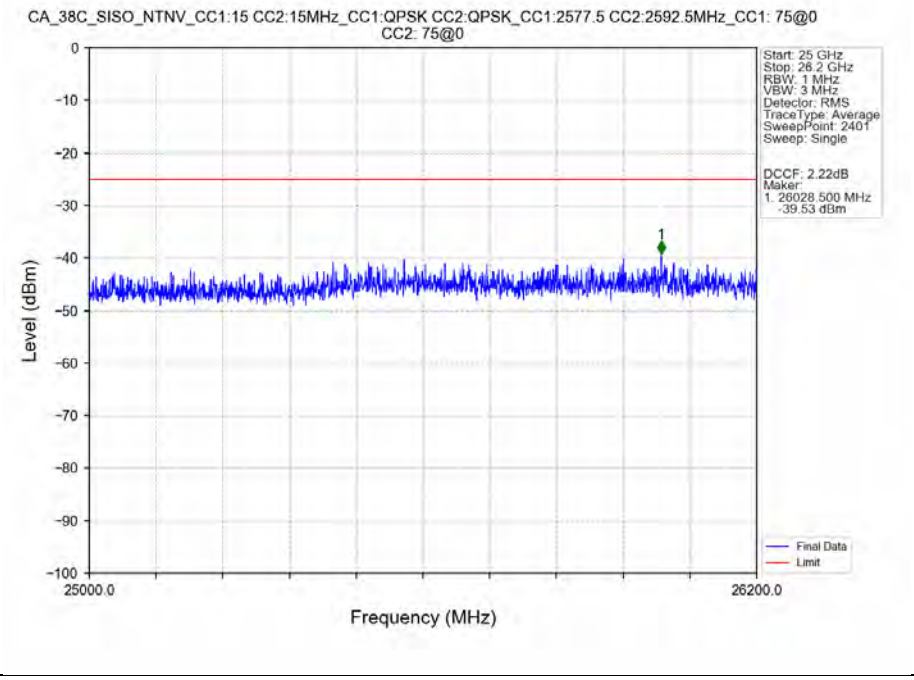
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



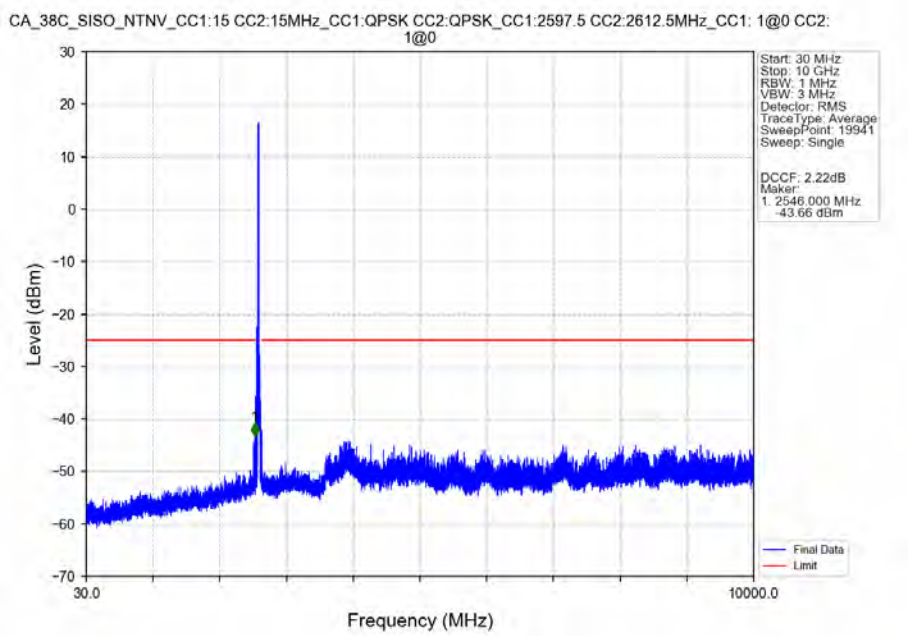
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



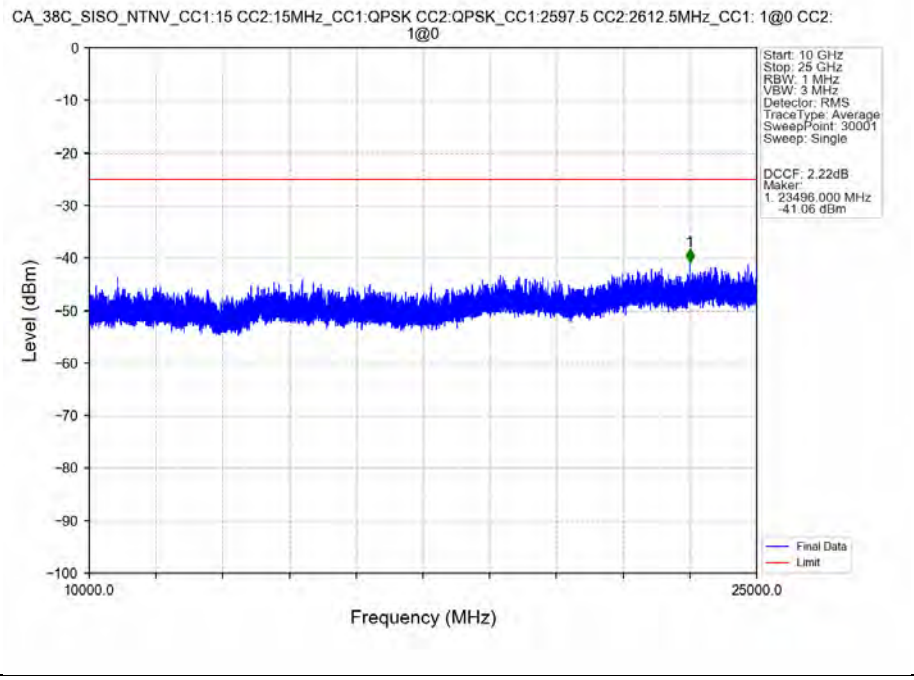

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



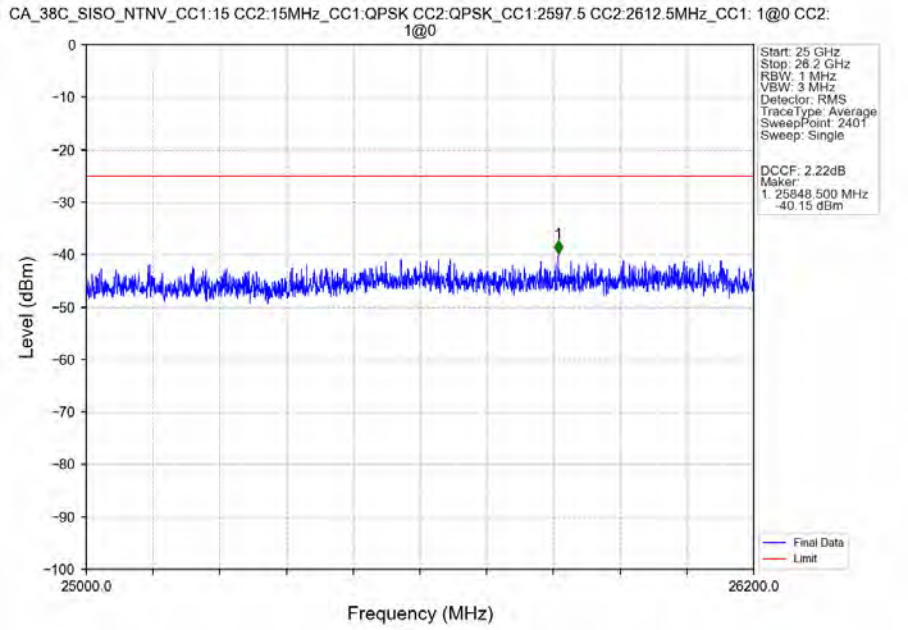
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



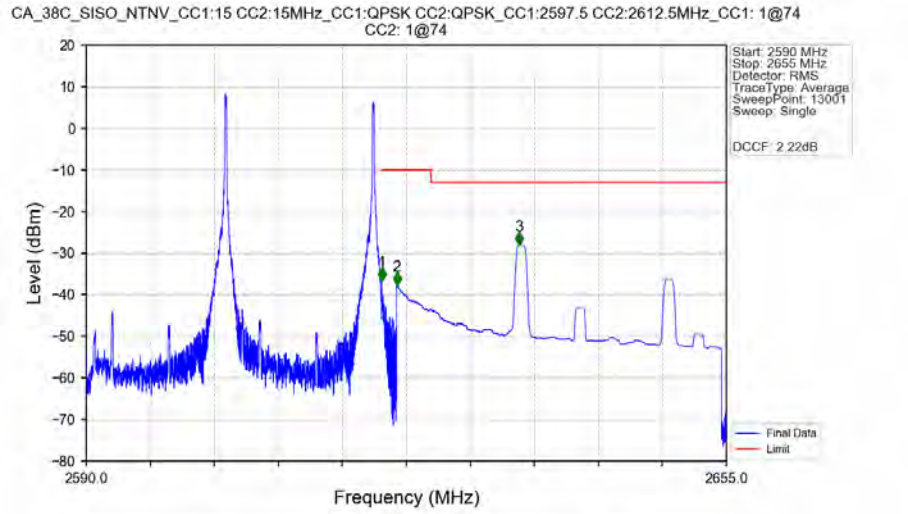

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0

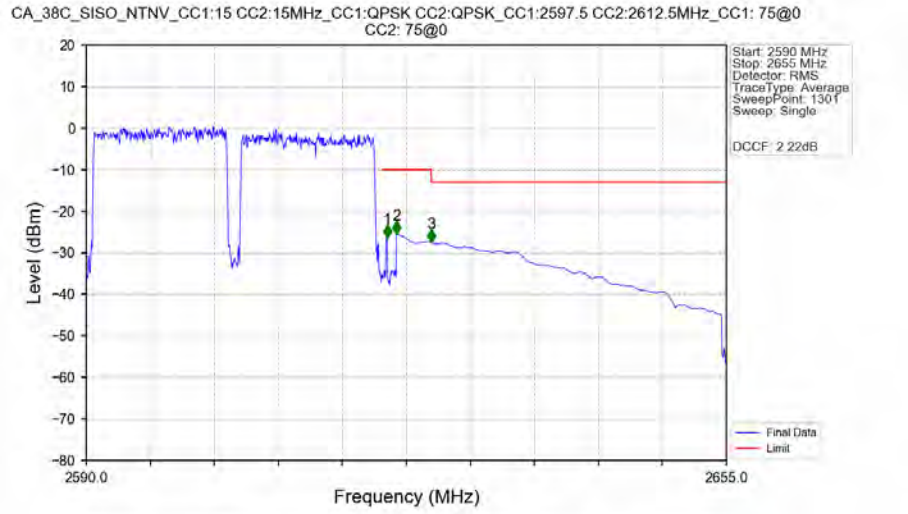



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@74 CC2: 1@74



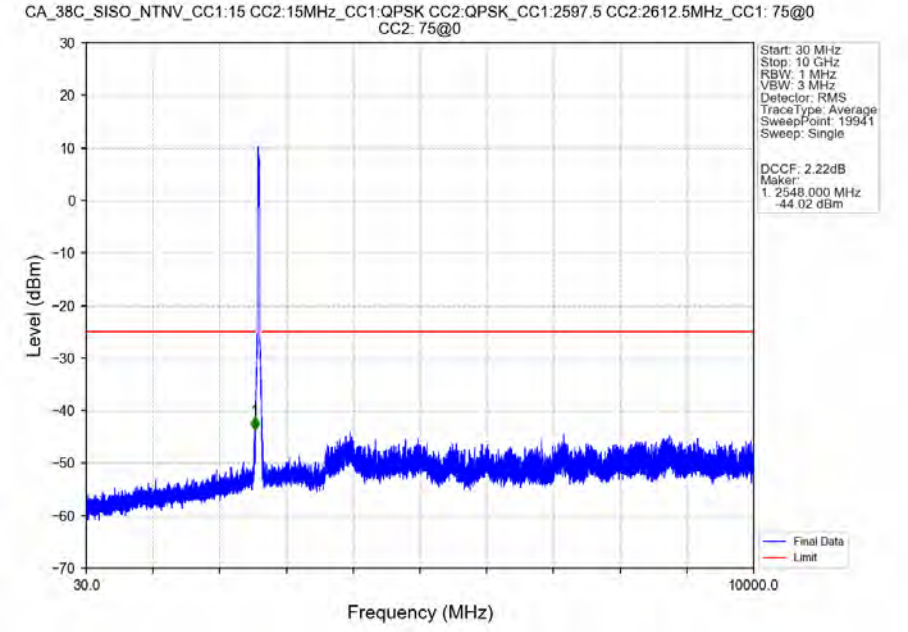

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.005 | -36.64 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.550 | -37.71 | -10 | Pass |
| 2625 | 2655 | 1 | CHP | 3 | 2633.985 | -28.04 | -13 | Pass |

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0

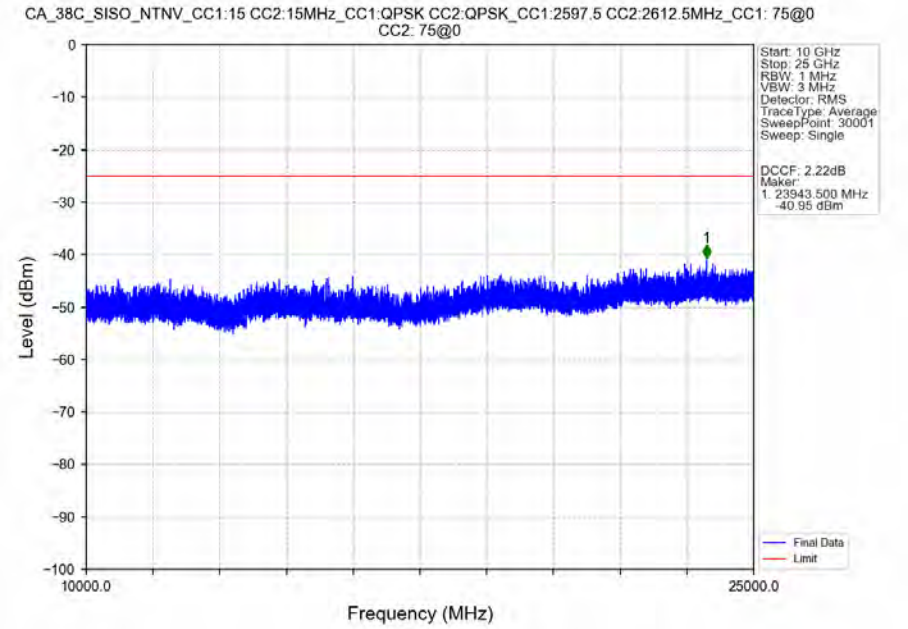



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.1 | / | / | / | / | / | / |
| 2620 | 2621 | 0.879 | CHP | 1 | 2620.550 | -26.39 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -25.52 | -10 | Pass |
| 2625 | 2655 | 1 | CHP | 3 | 2625.050 | -27.52 | -13 | Pass |

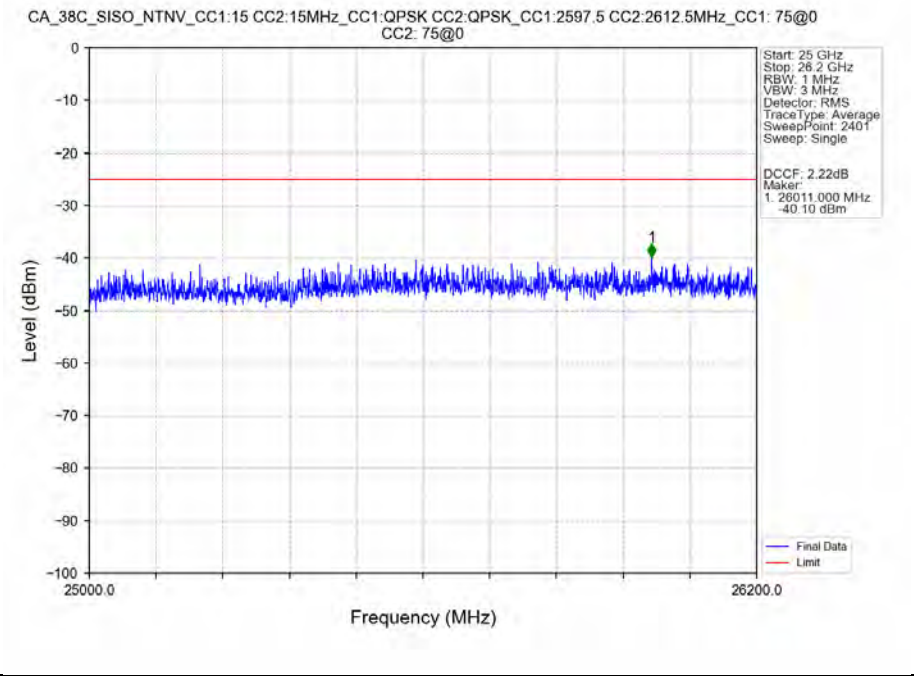
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



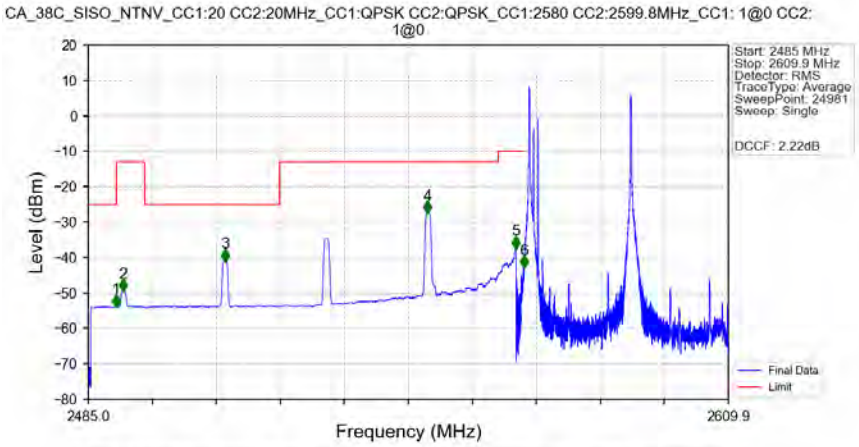
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0




CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0

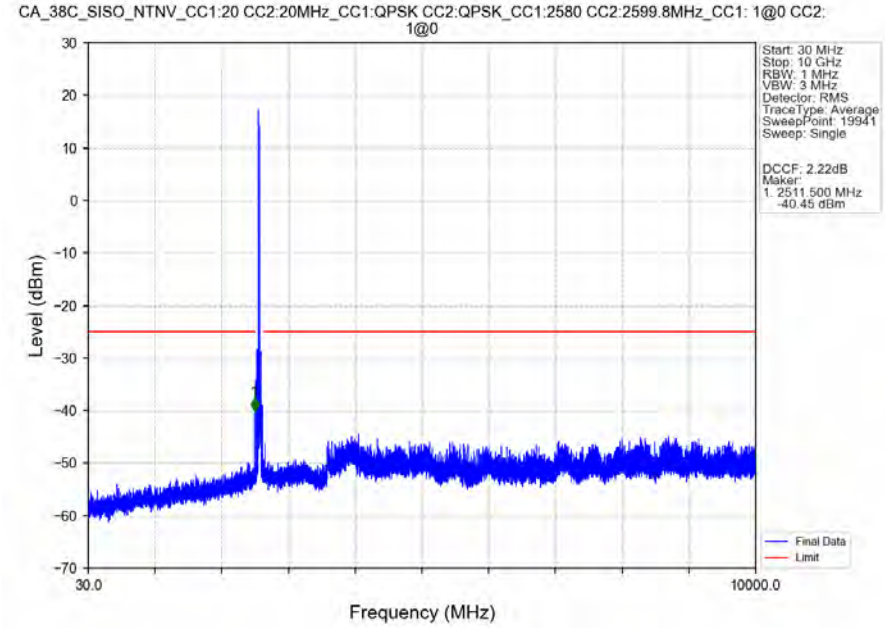


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0

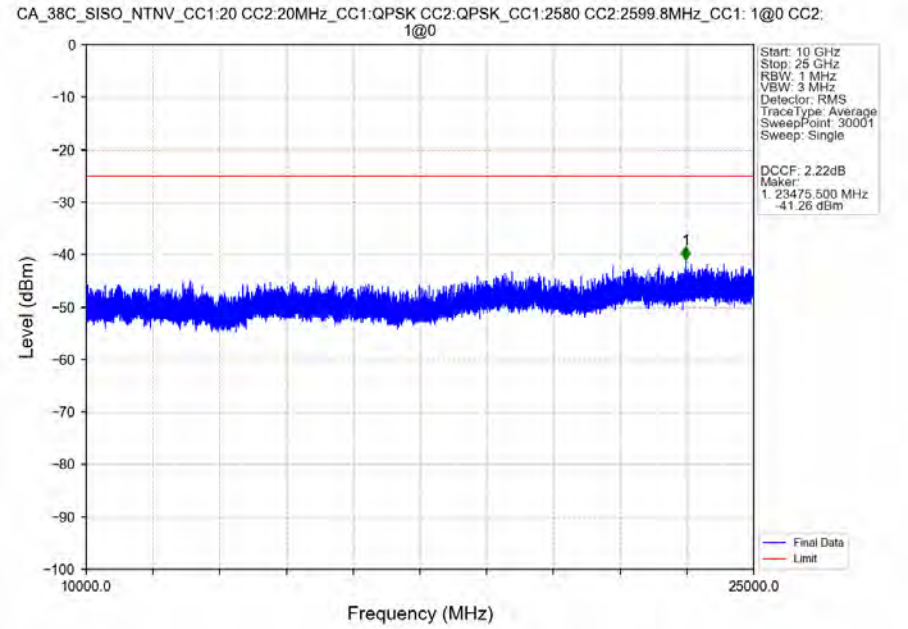



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.460 | -53.70 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2491.840 | -49.29 | -13 | Pass |
| 2496 | 2522.289 | 1 | CHP | 3 | 2511.705 | -40.94 | -25 | Pass |
| 2522.289 | 2565 | 1 | CHP | 4 | 2551.175 | -27.32 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.460 | -37.27 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.985 | -42.67 | -10 | Pass |
| 2570 | 2609.9 | 0.02 | CHP | / | / | / | / | / |

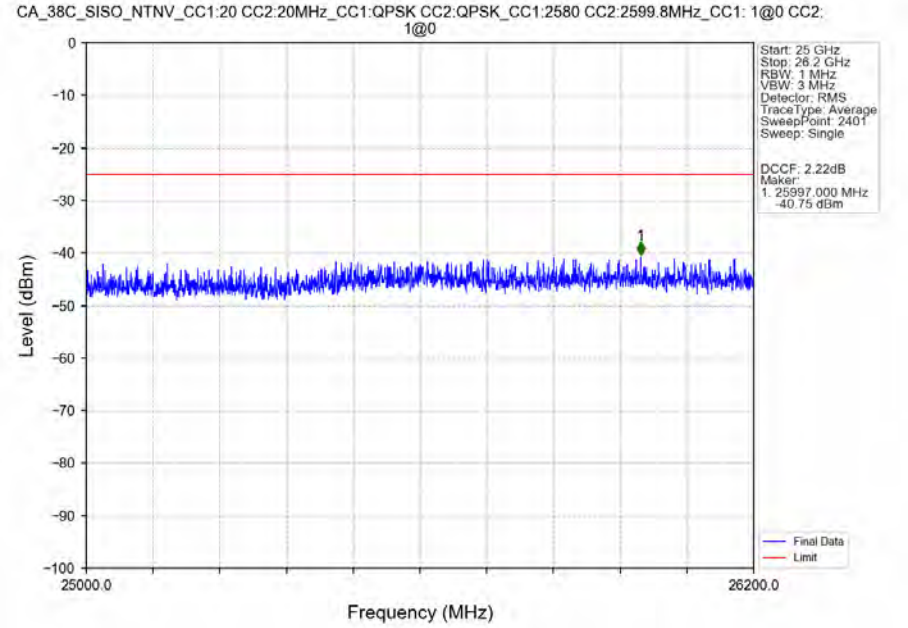
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



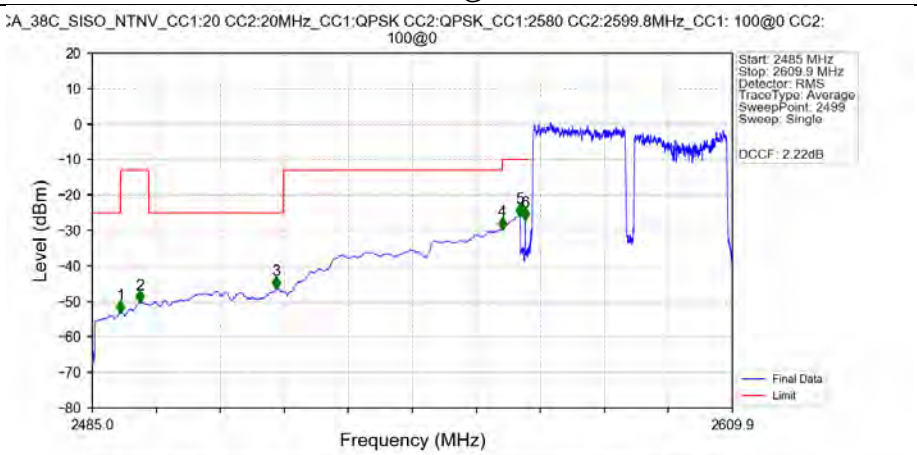
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0




CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0

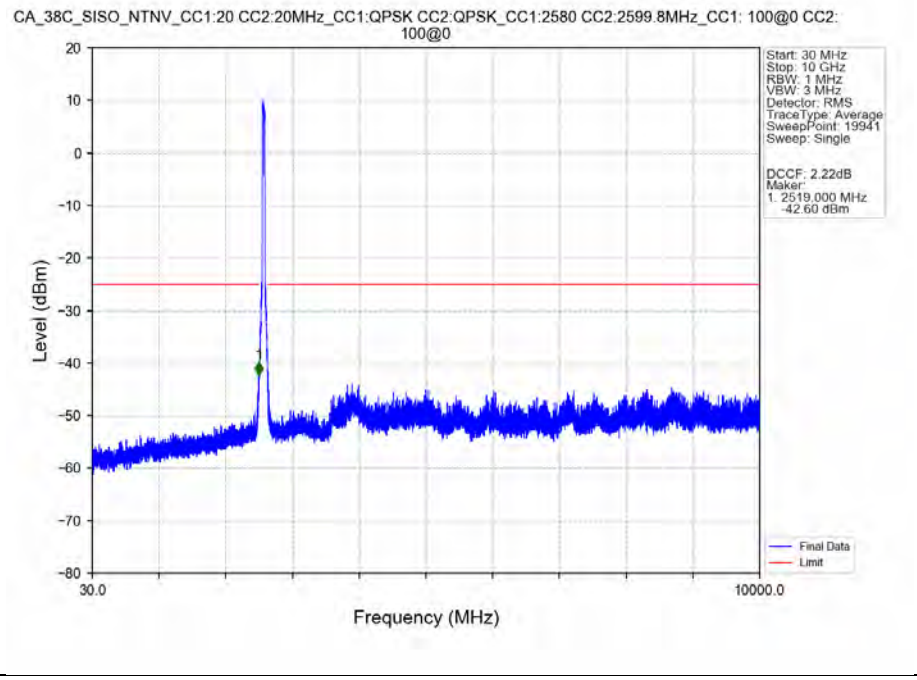


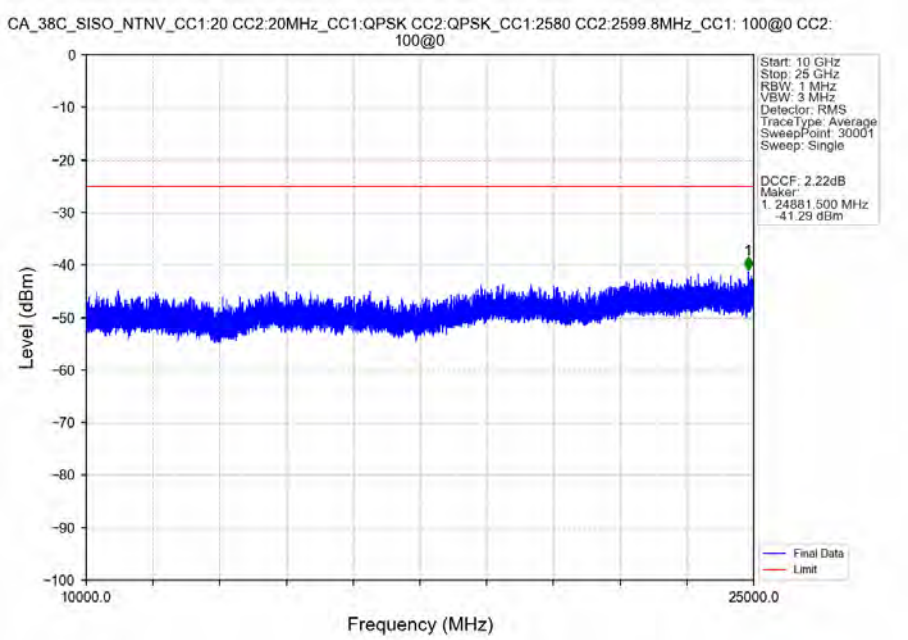
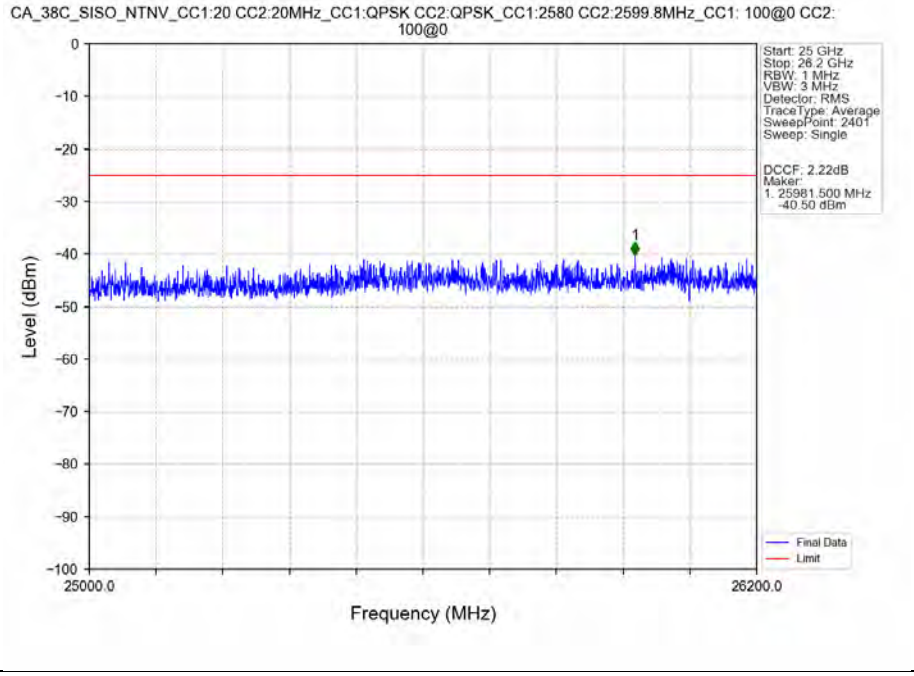
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



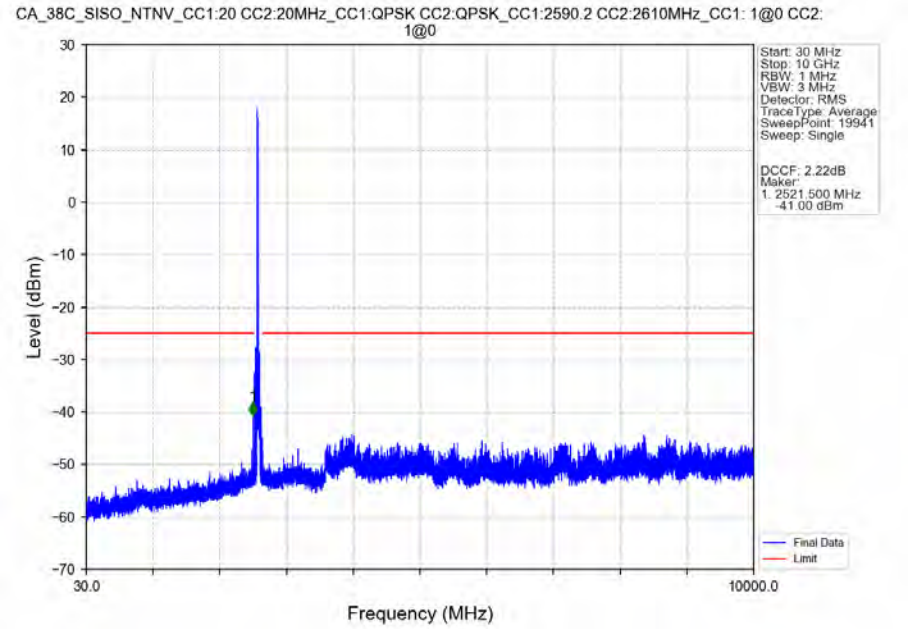

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.500 | -53.08 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2494.300 | -50.27 | -13 | Pass |
| 2496 | 2522.289 | 1 | CHP | 3 | 2520.850 | -46.28 | -25 | Pass |
| 2522.289 | 2565 | 1 | CHP | 4 | 2565.000 | -29.57 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.450 | -25.86 | -10 | Pass |
| 2569 | 2570 | 0.954 | CHP | 6 | 2569.500 | -26.89 | -10 | Pass |
| 2570 | 2609.9 | 0.1 | / | / | / | / | / | / |

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0

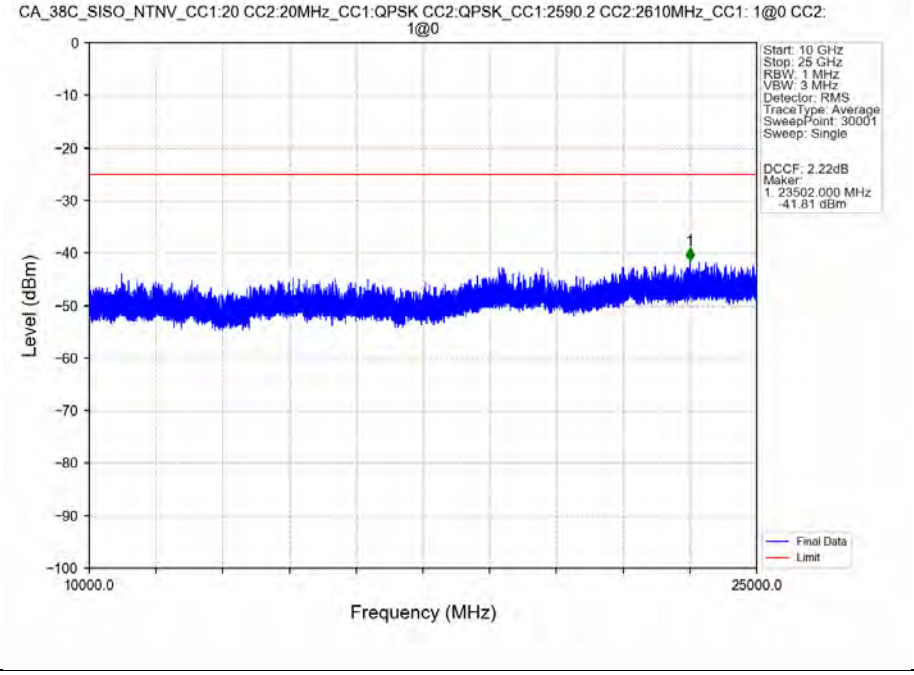


| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0 |
|  |

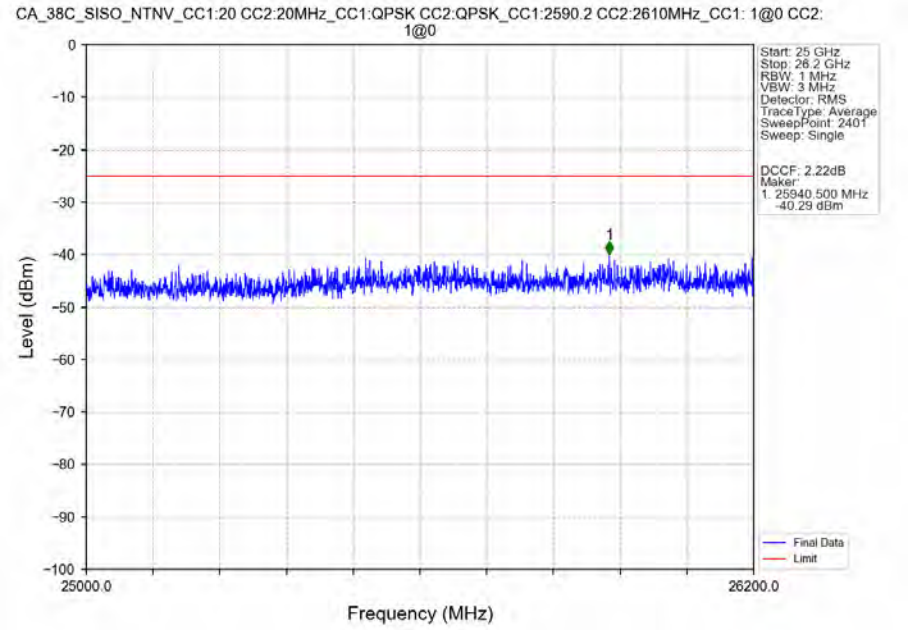
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0



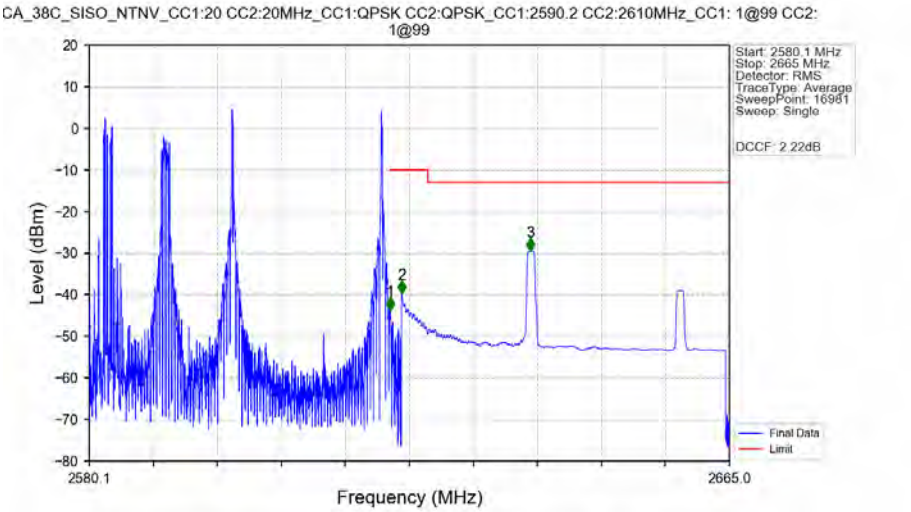

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0

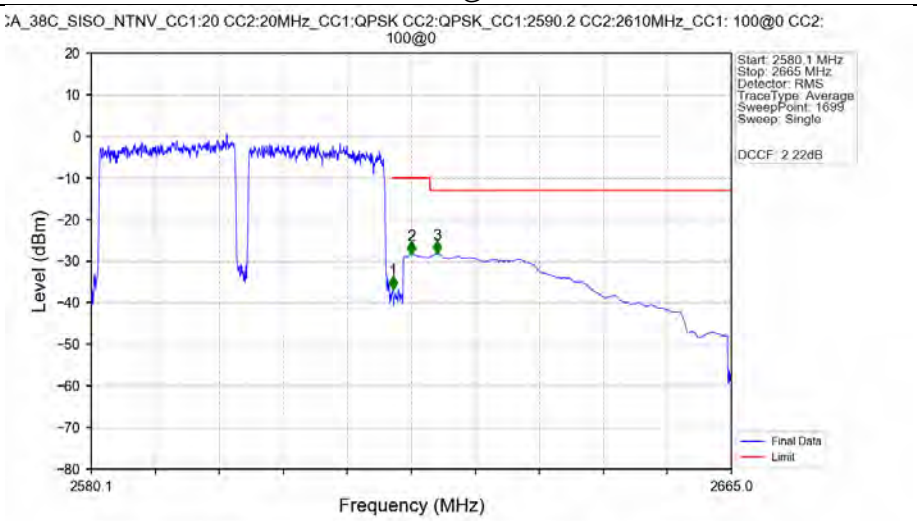



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@99 CC2: 1@99



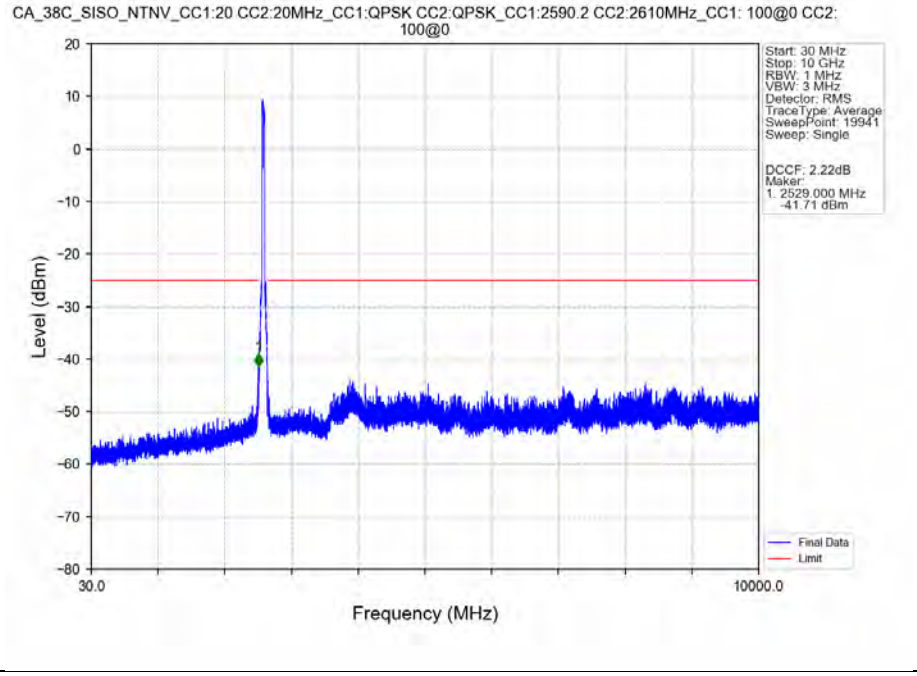

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2580.1 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.010 | -43.73 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.540 | -39.76 | -10 | Pass |
| 2625 | 2665 | 1 | CHP | 3 | 2638.580 | -29.53 | -13 | Pass |

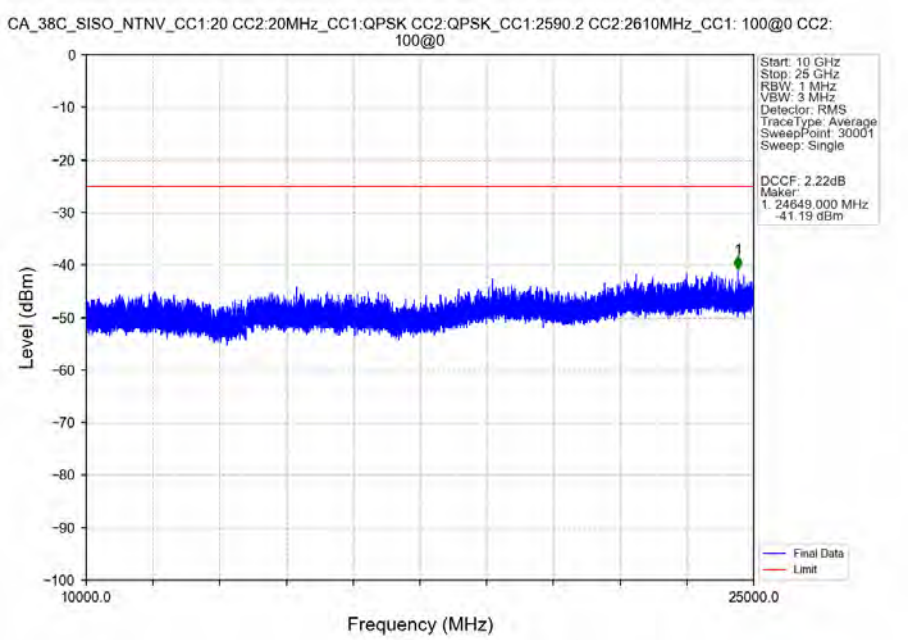
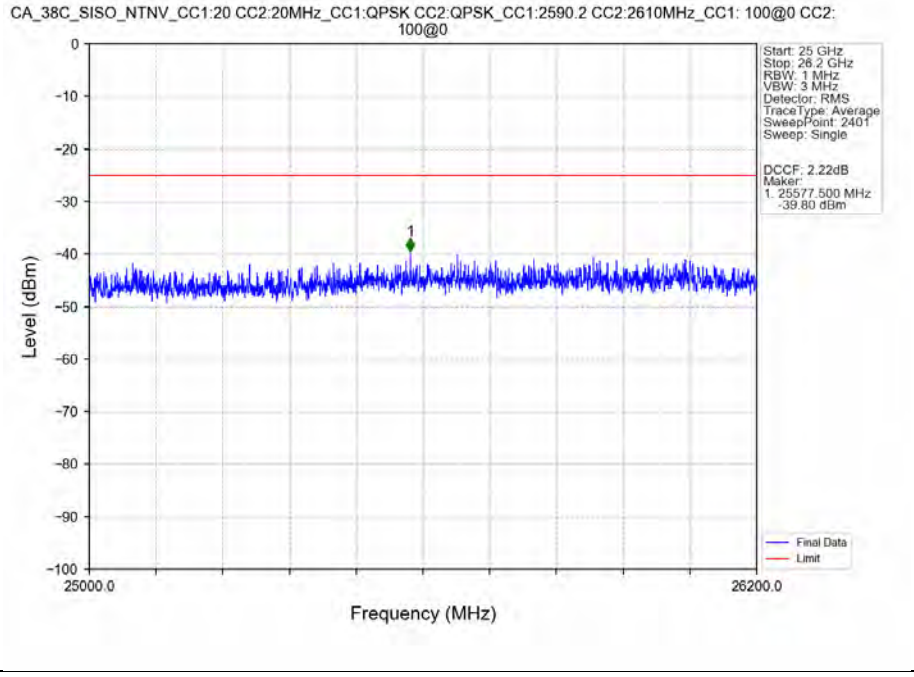
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2580.1 | 2620 | 0.1 | / | / | / | / | / | / |
| 2620 | 2621 | 1.166 | / | 1 | 2620.100 | -36.68 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2622.600 | -28.41 | -10 | Pass |
| 2625 | 2665 | 1 | CHP | 3 | 2625.950 | -28.13 | -13 | Pass |

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
| --- |
|  |
| CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0 |
|  |

## 4. Field Strength of Spurious Radiation

| CA_38C-Low channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 5142.0 | -62.56 | -25 | -37.56 | -68.17 | 4.62 | 10.23 | Horizontal | Pass |
| 7713.0 | -59.03 | -25 | -34.03 | -66.06 | 4.96 | 11.99 | Horizontal | Pass |
| 10284.0 | -56.34 | -25 | -31.34 | -63.91 | 5.51 | 13.08 | Horizontal | Pass |
| 5142.0 | -63.25 | -25 | -38.25 | -68.86 | 4.62 | 10.23 | Vertical | Pass |
| 7713.0 | -59.24 | -25 | -34.24 | -66.27 | 4.96 | 11.99 | Vertical | Pass |
| 10284.0 | -56.11 | -25 | -31.11 | -63.68 | 5.51 | 13.08 | Vertical | Pass |

| CA_38C-Middle channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 5152.2 | -62.93 | -25 | -37.93 | -68.54 | 4.62 | 10.23 | Horizontal | Pass |
| 7728.3 | -58.69 | -25 | -33.69 | -65.74 | 4.96 | 12.01 | Horizontal | Pass |
| 10304.4 | -55.92 | -25 | -30.92 | -63.49 | 5.51 | 13.08 | Horizontal | Pass |
| 5152.2 | -62.67 | -25 | -37.67 | -68.28 | 4.62 | 10.23 | Vertical | Pass |
| 7728.3 | -58.8 | -25 | -33.8 | -65.85 | 4.96 | 12.01 | Vertical | Pass |
| 10304.4 | -55.89 | -25 | -30.89 | -63.46 | 5.51 | 13.08 | Vertical | Pass |

| CA_38C-High channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 5162.2 | -62.96 | -25 | -37.96 | -68.58 | 4.62 | 10.24 | Horizontal | Pass |
| 7743.3 | -58.59 | -25 | -33.59 | -65.66 | 4.96 | 12.03 | Horizontal | Pass |
| 10324.4 | -55.82 | -25 | -30.82 | -63.4 | 5.51 | 13.09 | Horizontal | Pass |
| 5162.2 | -62.88 | -25 | -37.88 | -68.5 | 4.62 | 10.24 | Vertical | Pass |
| 7743.3 | -58.69 | -25 | -33.69 | -65.76 | 4.96 | 12.03 | Vertical | Pass |
| 10324.4 | -56.18 | -25 | -31.18 | -63.76 | 5.51 | 13.09 | Vertical | Pass |