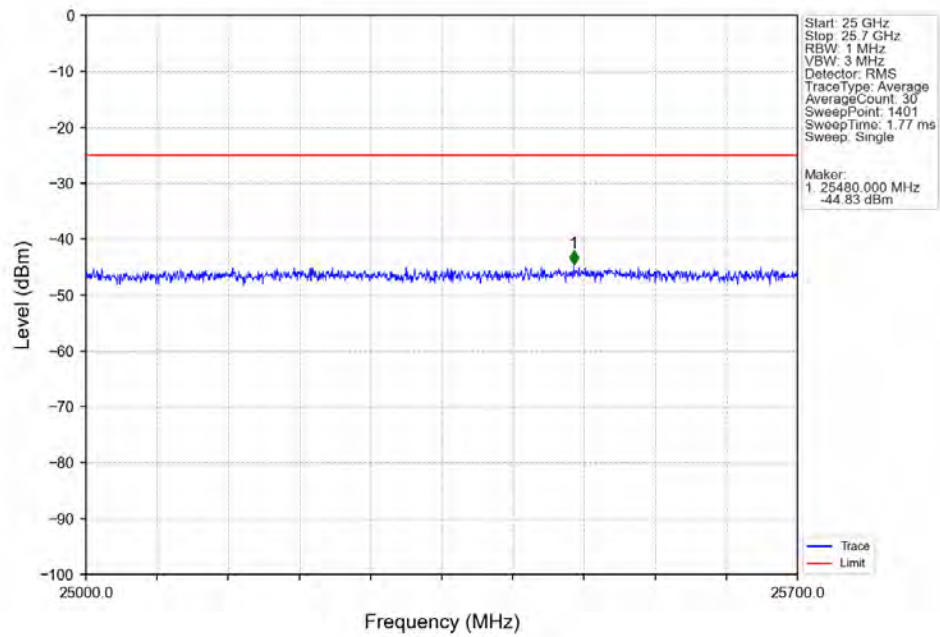
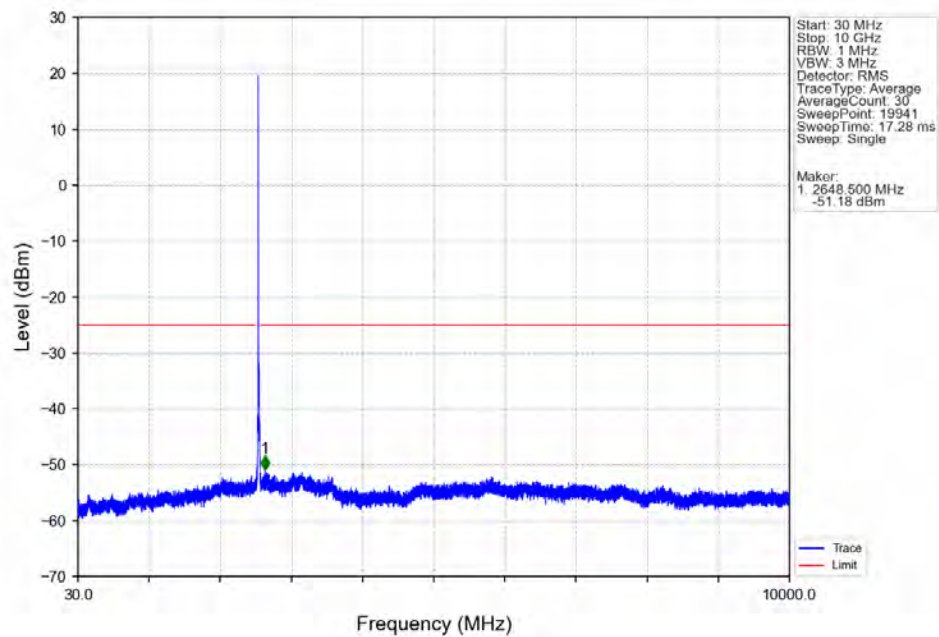


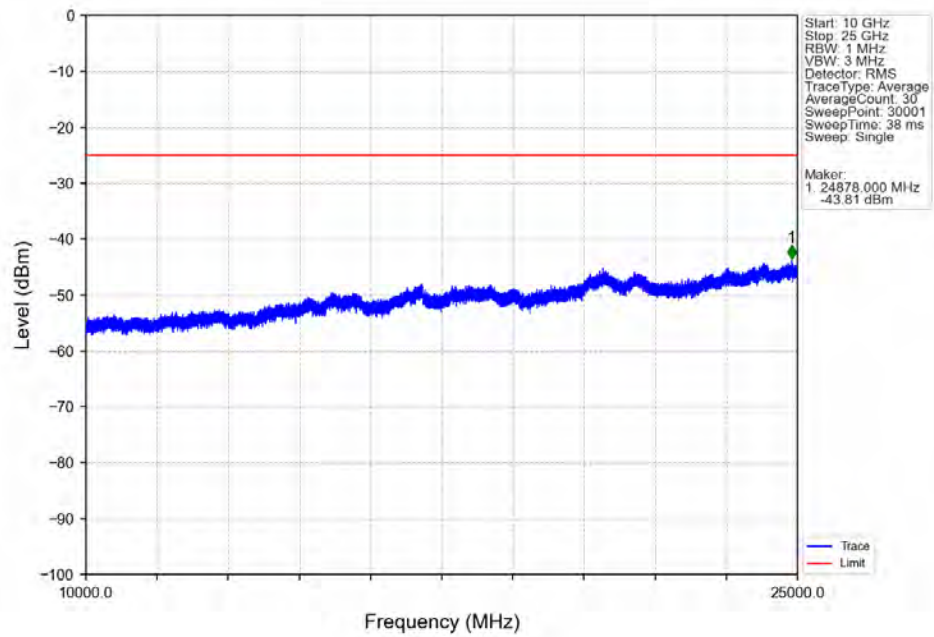
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



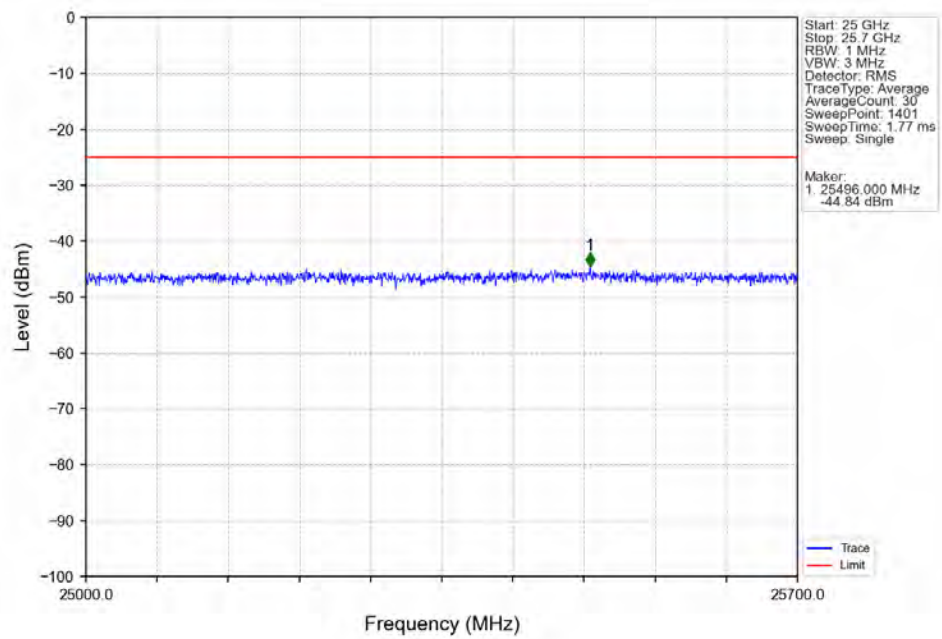
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



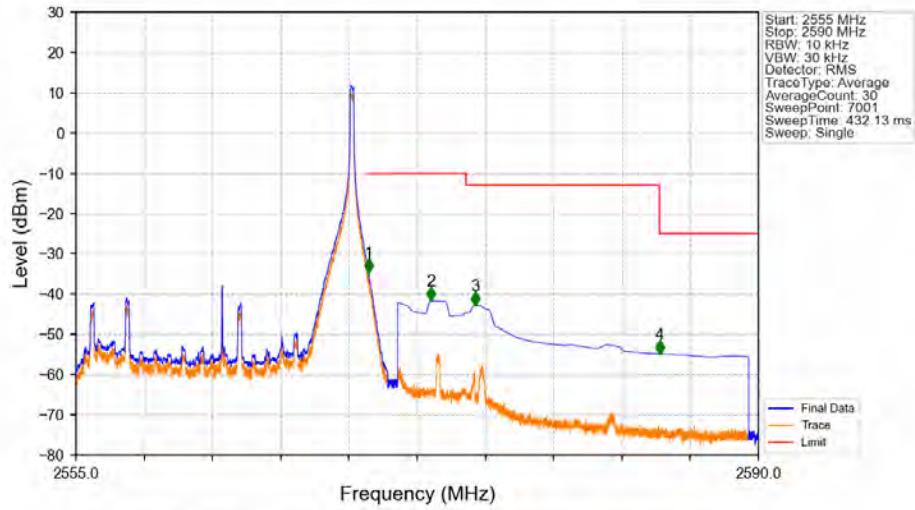
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV

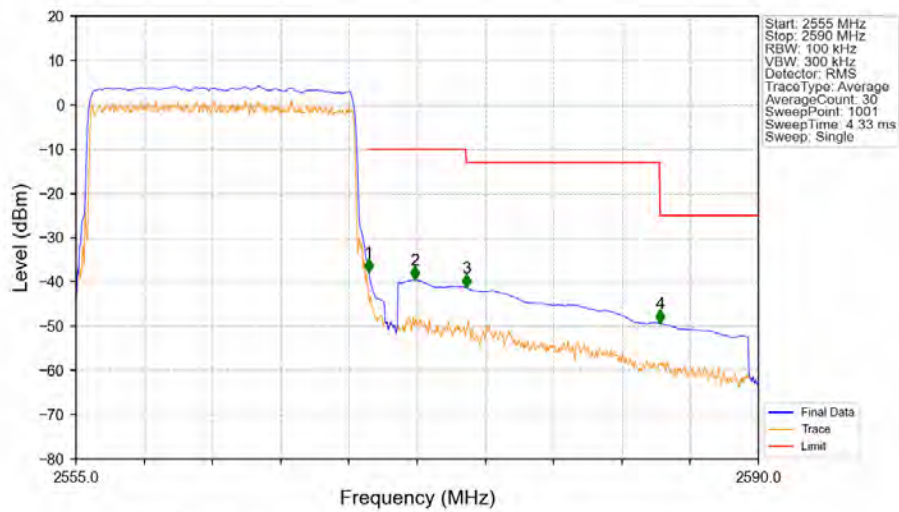


Band7 15MHz 16QAM HCH 2562.5MHz RB 1 74 NTNV



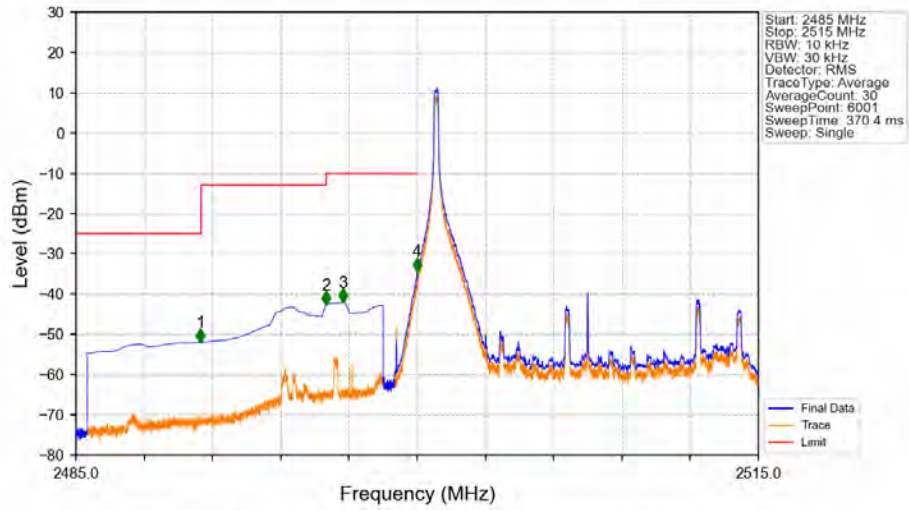
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.020   | -34.63      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2573.205   | -41.69      | -10         | Pass   |
| 2575        | 2584.93    | 1         | CHP    | 3          | 2575.470   | -42.79      | -13         | Pass   |
| 2584.93     | 2590       | 1         | CHP    | 4          | 2584.935   | -54.92      | -25         | Pass   |

Band7 15MHz 16QAM HCH 2562.5MHz RB 75\_0 NTNV

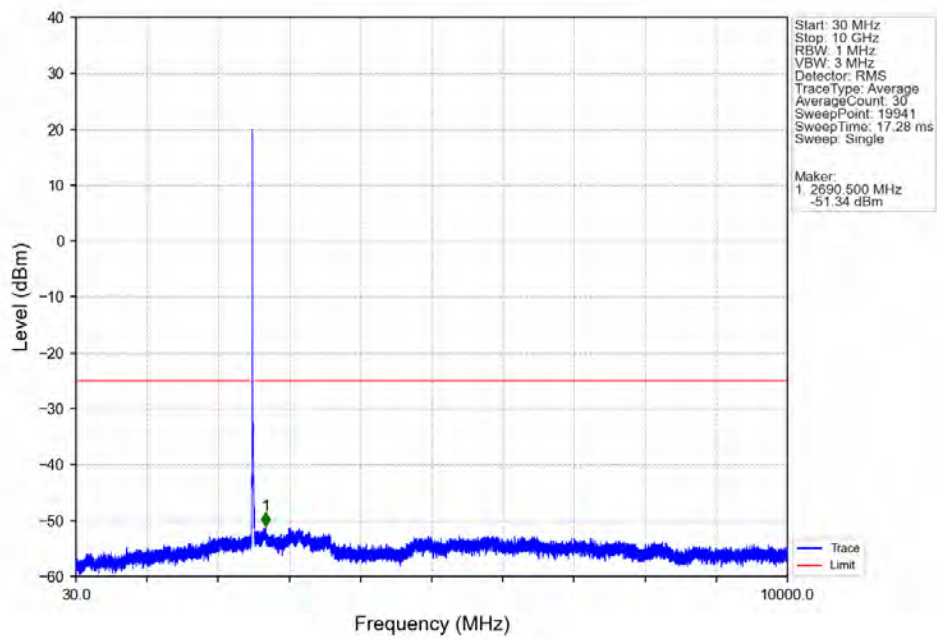


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.299     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.299     | CHP    | 1          | 2570.015   | -37.83      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2572.395   | -39.49      | -10         | Pass   |
| 2575        | 2584.93    | 1         | CHP    | 3          | 2575.020   | -41.33      | -13         | Pass   |
| 2584.93     | 2590       | 1         | CHP    | 4          | 2584.960   | -49.31      | -25         | Pass   |

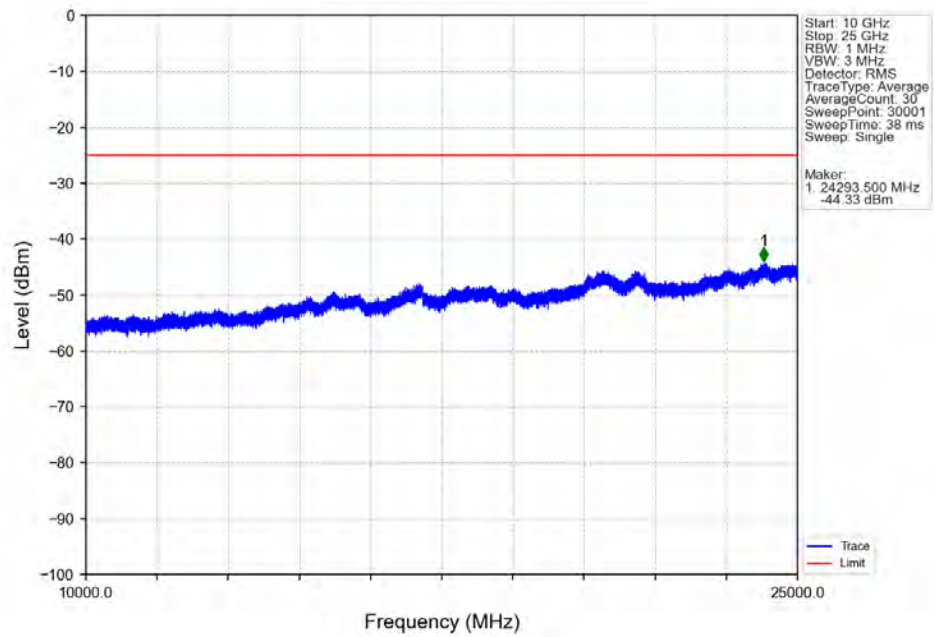
Band7 15MHz 64QAM LCH 2507.5MHz RB 1 0 NTV



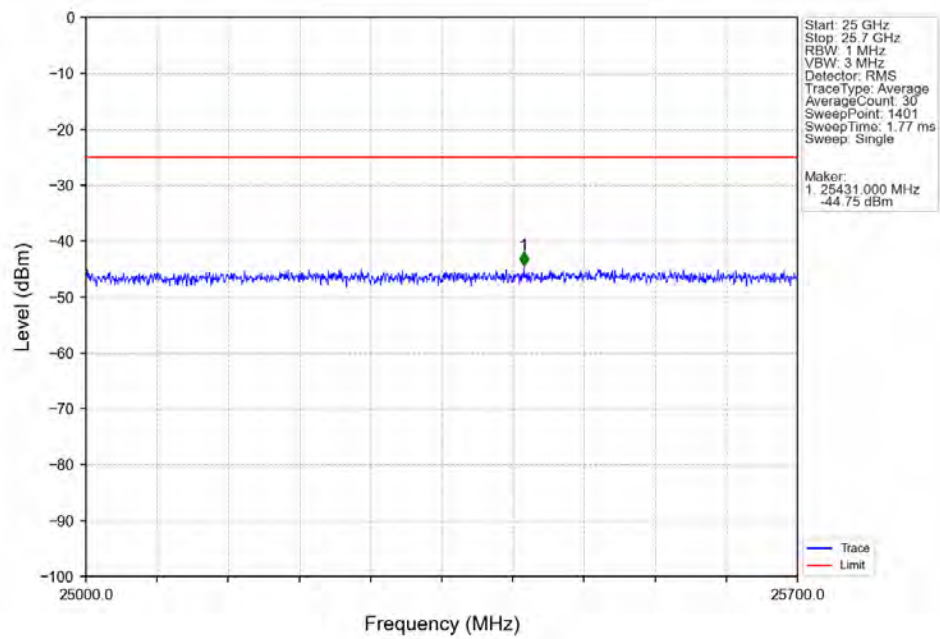
Band7 15MHz 64QAM LCH 2507.5MHz RB 1 0 NTV



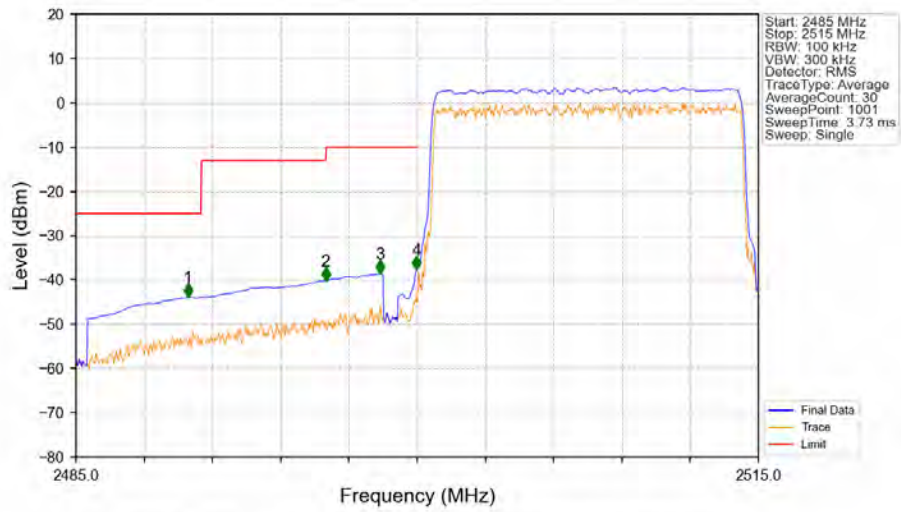
Band7 15MHz 64QAM LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz 64QAM LCH 2507.5MHz RB 1 0 NTNV

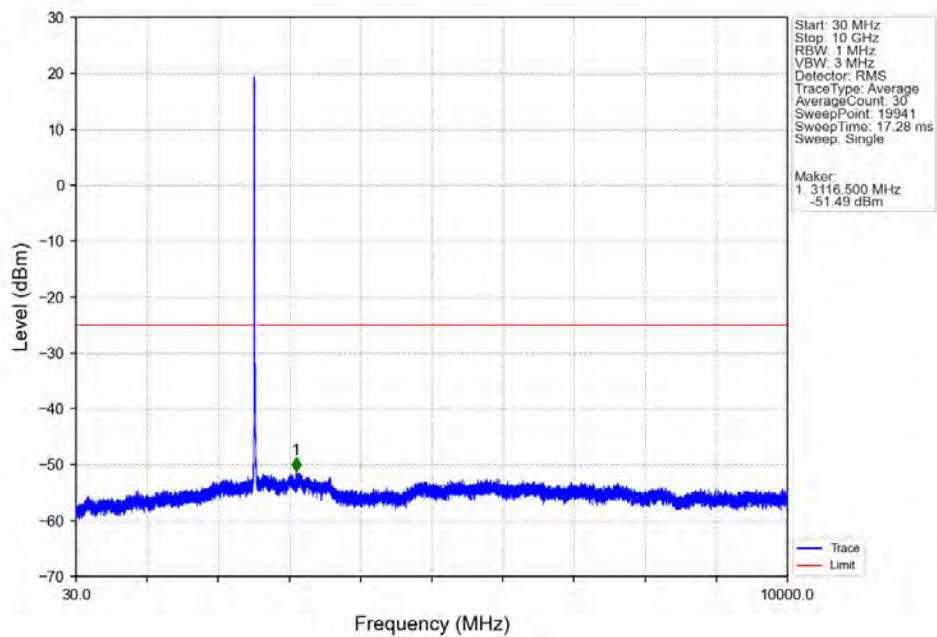


Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV

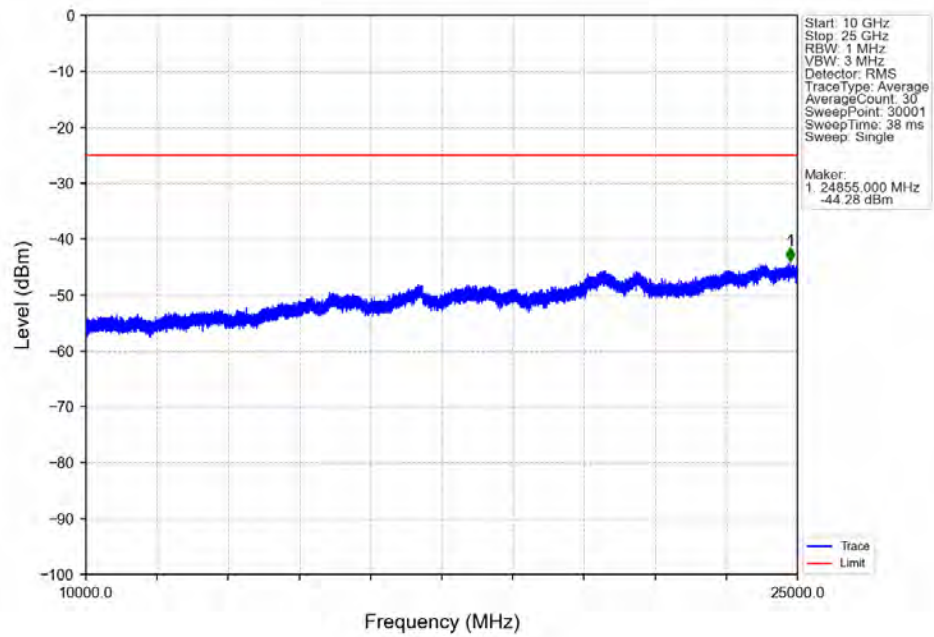


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.920   | -43.93      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.980   | -40.19      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.380   | -38.66      | -10         | Pass   |
| 2499        | 2500       | 0.298     | CHP    | 4          | 2499.970   | -37.77      | -10         | Pass   |
| 2500        | 2515       | 0.298     | CHP    | /          | /          | /           | /           | /      |

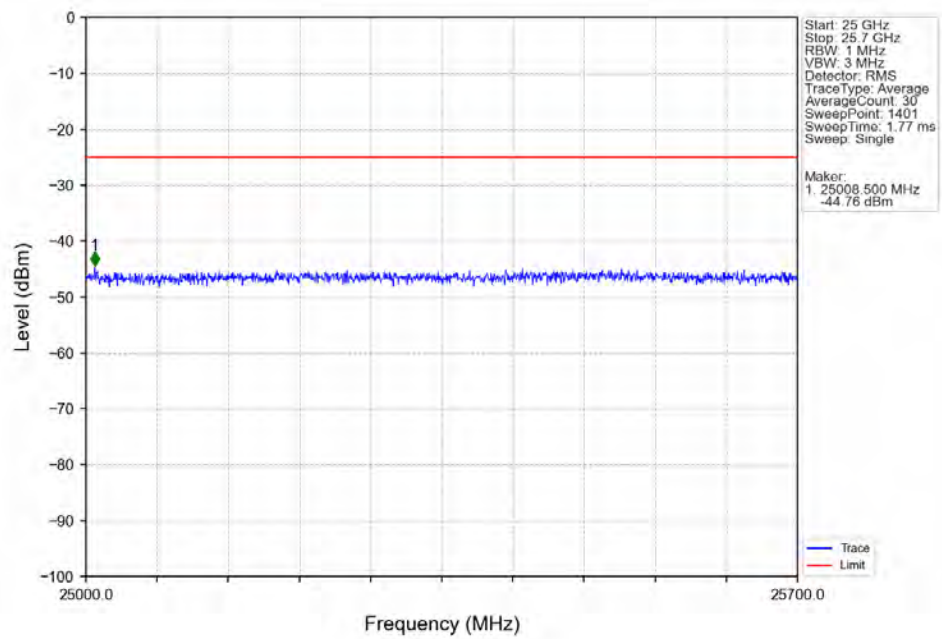
Band7 15MHz 64QAM MCH 2535MHz RB 1 0 NTNV



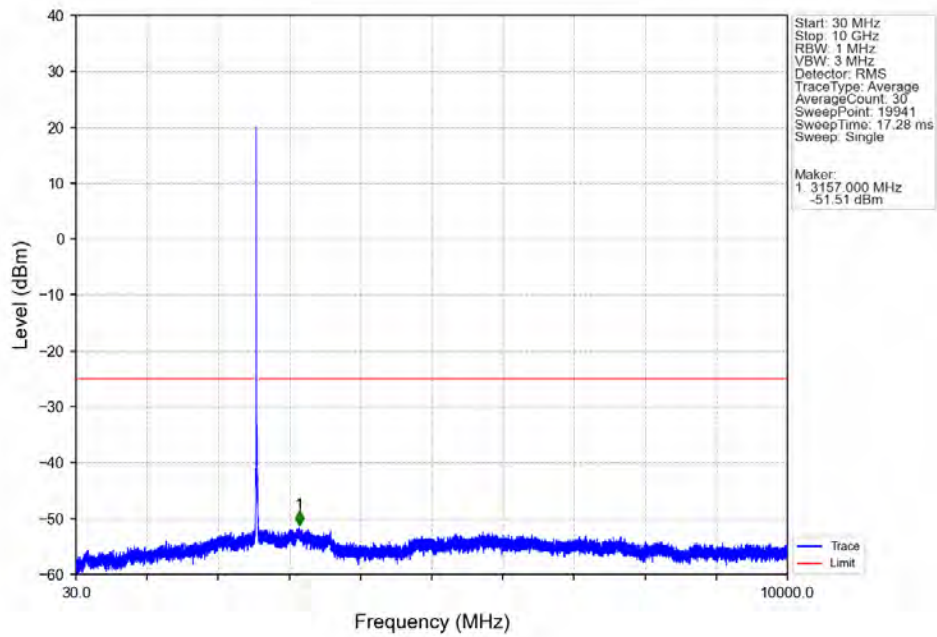
Band7 15MHz 64QAM MCH 2535MHz RB 1 0 NTV



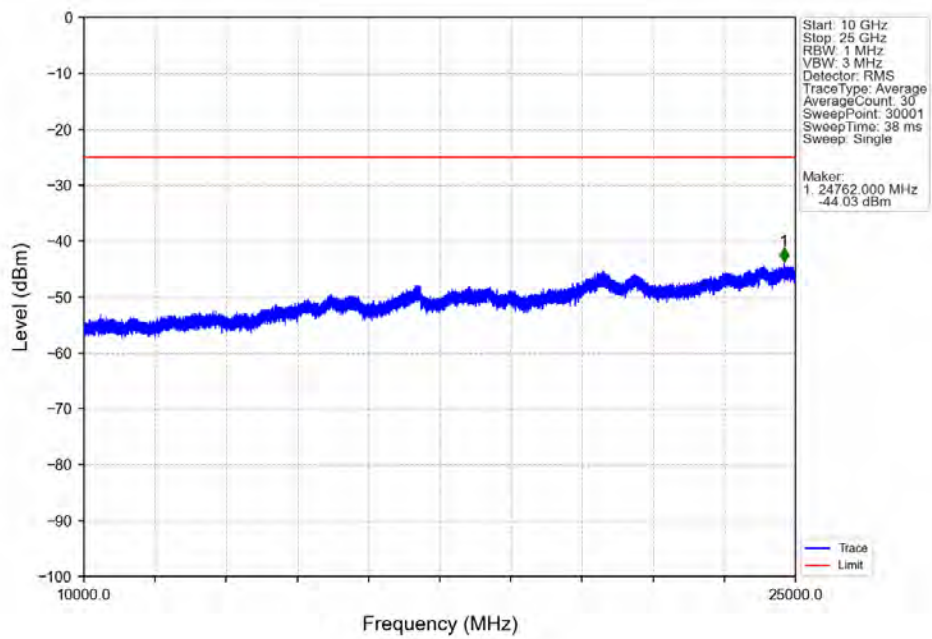
Band7 15MHz 64QAM MCH 2535MHz RB 1 0 NTV



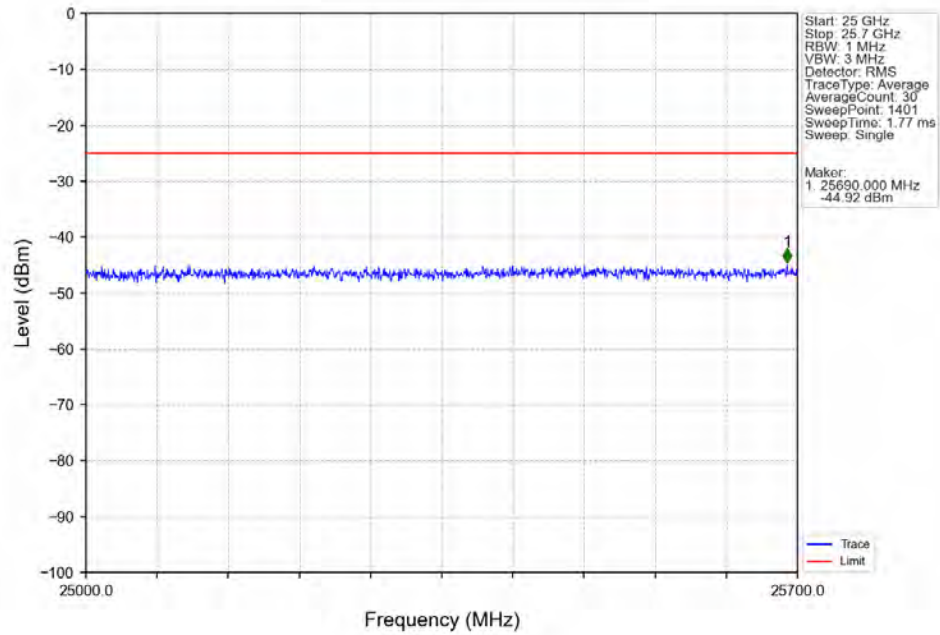
Band7 15MHz 64QAM HCH 2562.5MHz RB 1 0 NTNV



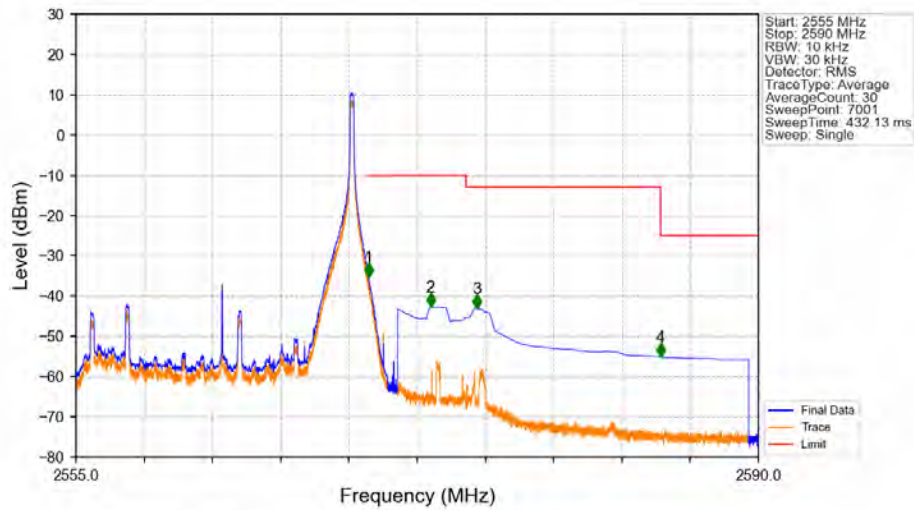
Band7 15MHz 64QAM HCH 2562.5MHz RB 1 0 NTNV



Band7 15MHz 64QAM HCH 2562.5MHz RB 1 0 NTNV

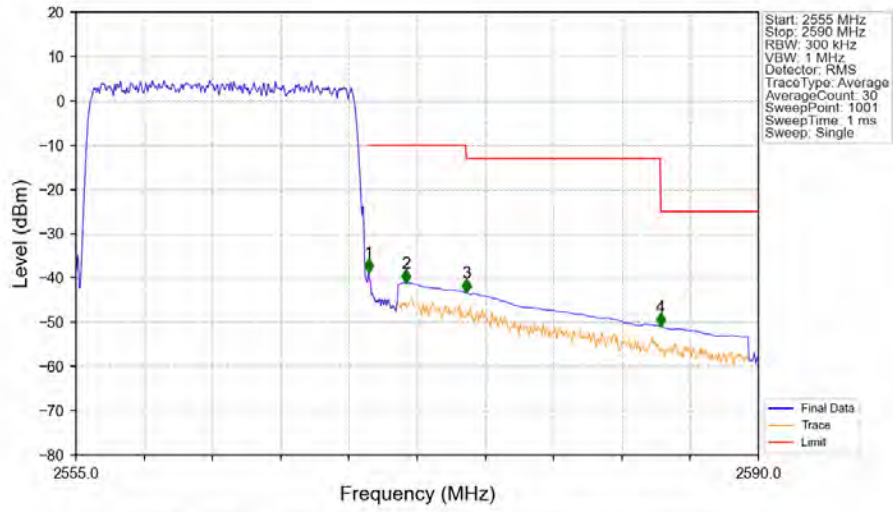


Band7 15MHz 64QAM HCH 2562.5MHz RB 1 74 NTNV



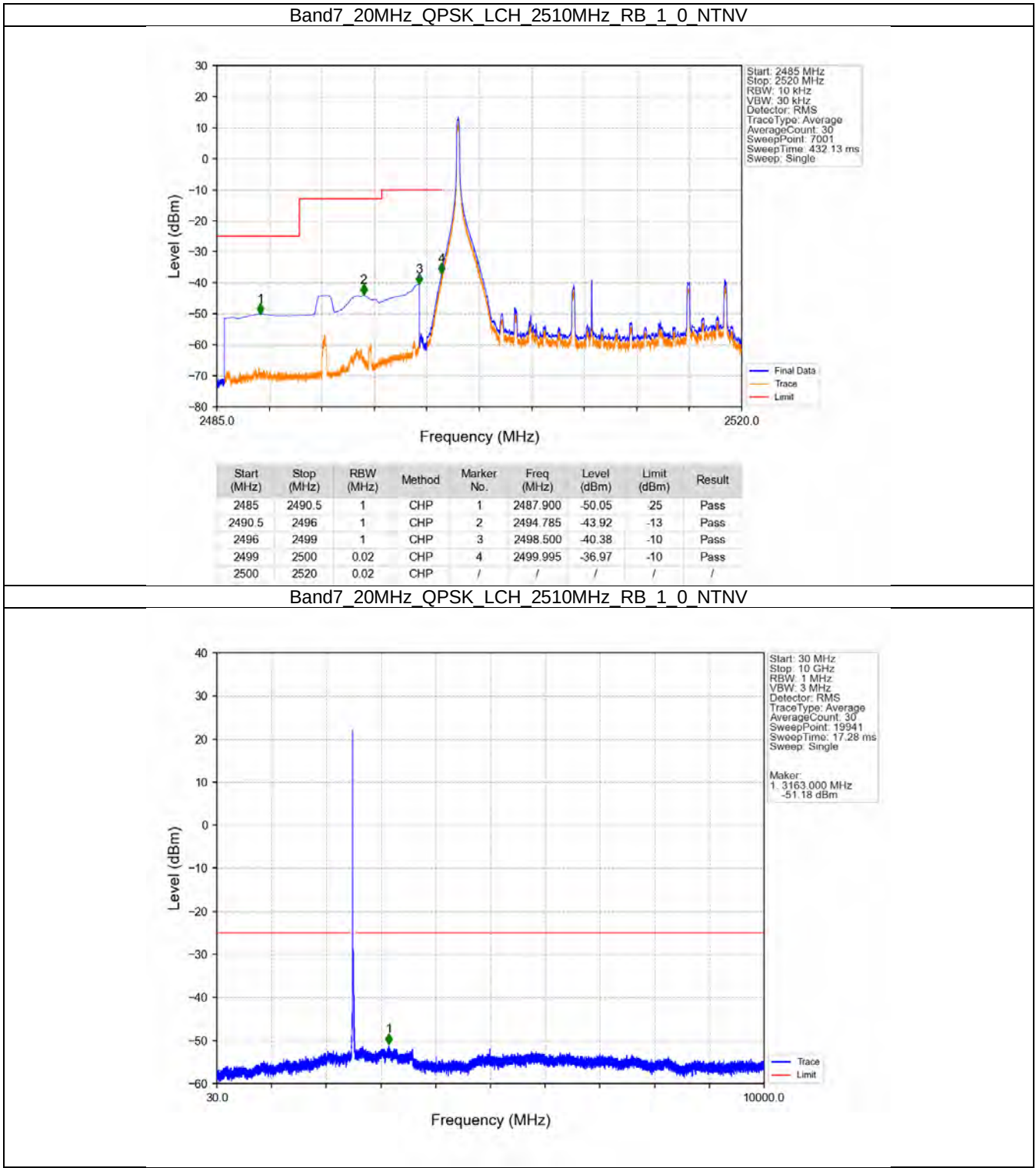
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -35.19      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2573.190   | -42.69      | -10         | Pass   |
| 2575        | 2584.983   | 1         | CHP    | 3          | 2575.545   | -43.13      | -13         | Pass   |
| 2584.983    | 2590       | 1         | CHP    | 4          | 2584.985   | -55.10      | -25         | Pass   |

Band7 15MHz 64QAM HCH 2562.5MHz RB 75 0 NTNV

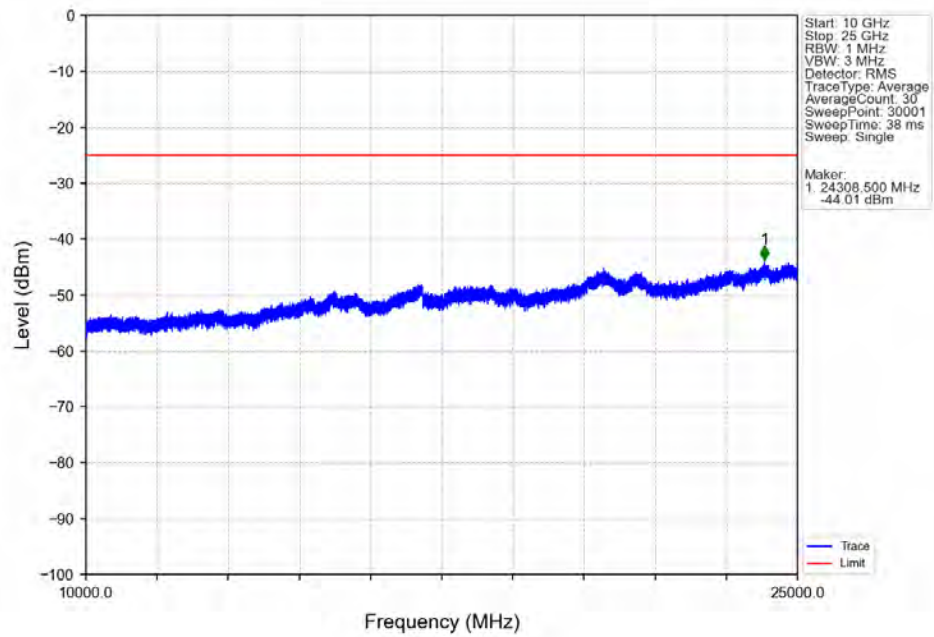


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2555        | 2570       | 0.3       | /      | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.3       | /      | 1          | 2570.015   | -38.76      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.940   | -41.13      | -10         | Pass   |
| 2575        | 2584.983   | 1         | CHP    | 3          | 2575.020   | -43.35      | -13         | Pass   |
| 2584.983    | 2590       | 1         | CHP    | 4          | 2584.995   | -50.91      | -25         | Pass   |

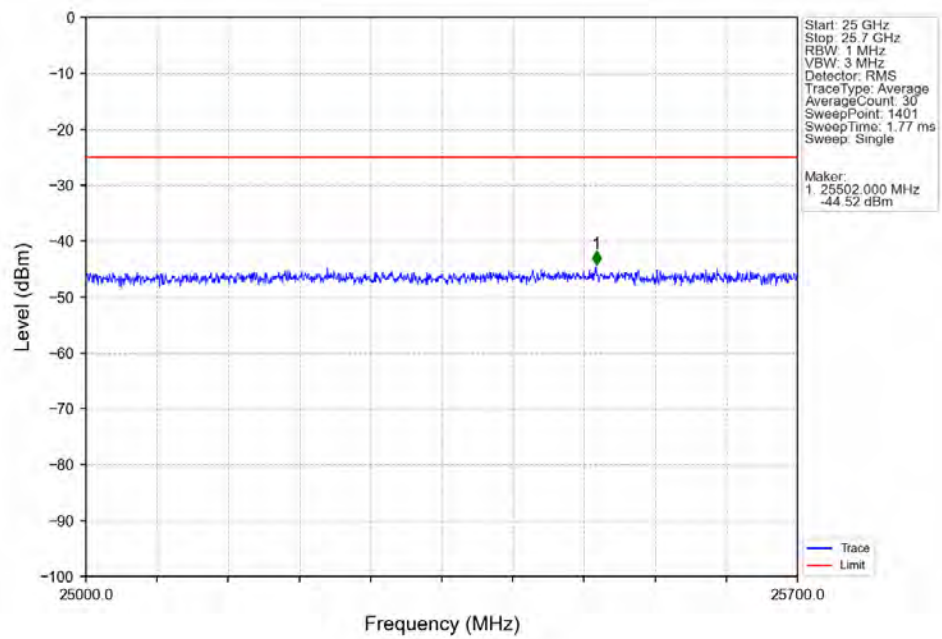
5.2.4 B7\_20MHz



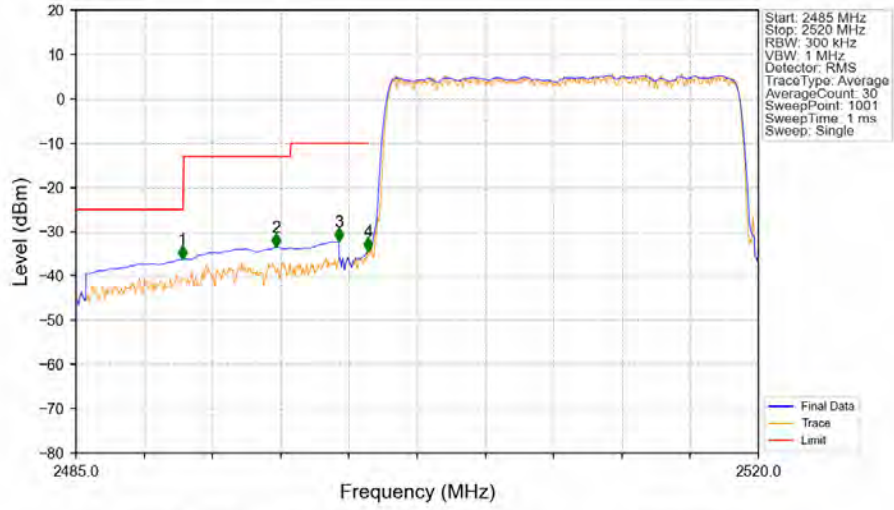
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



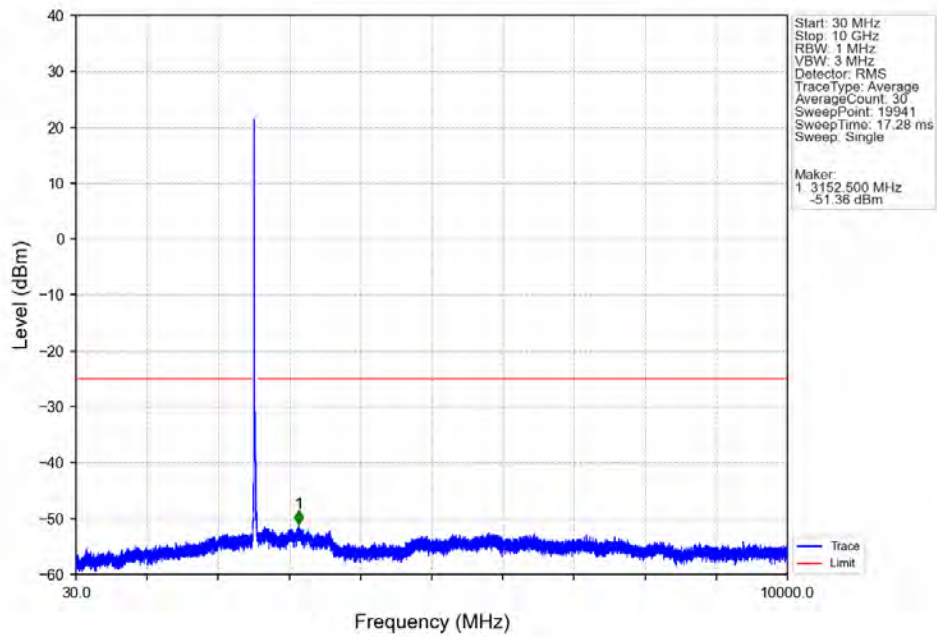
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



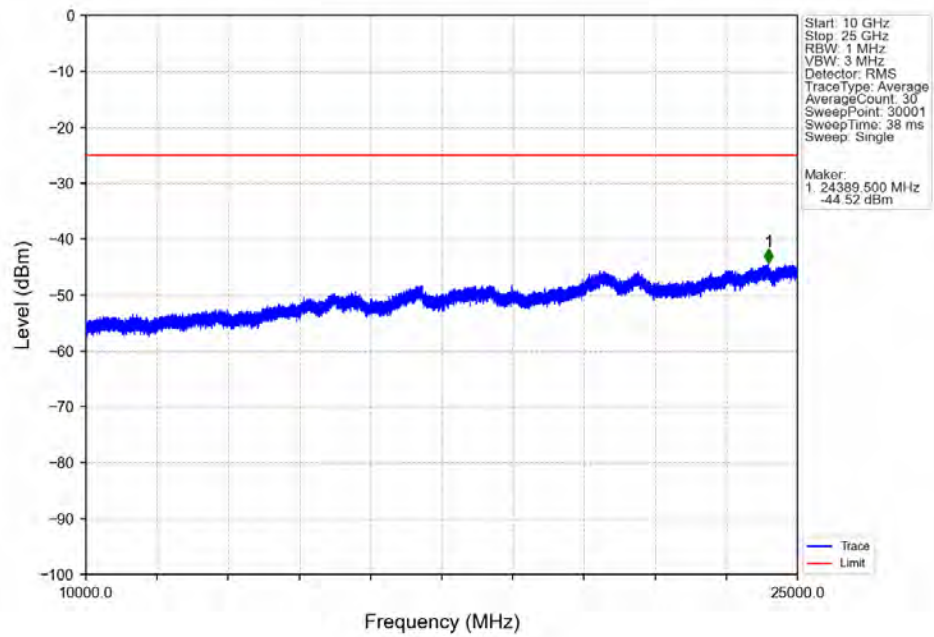
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



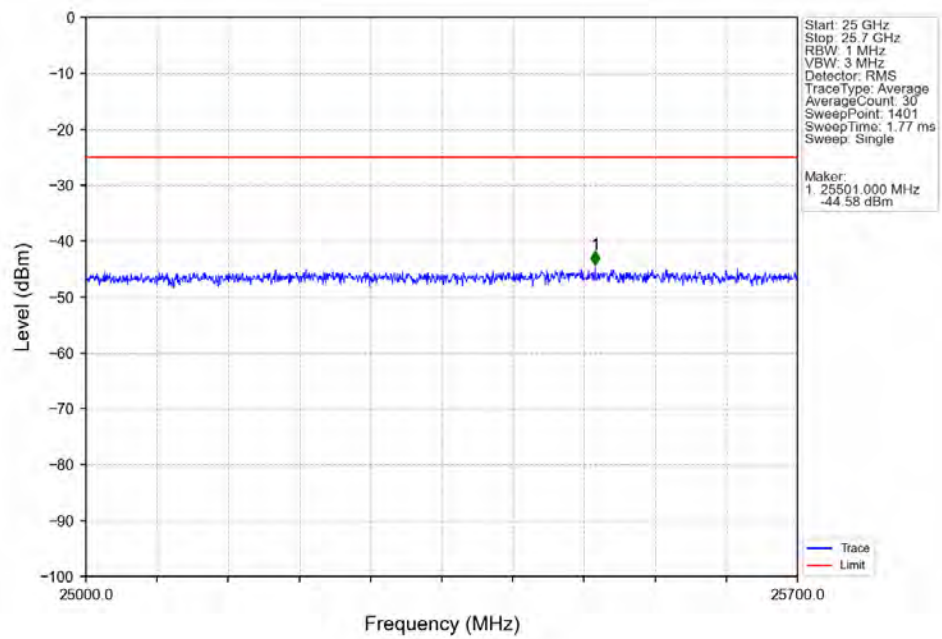
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



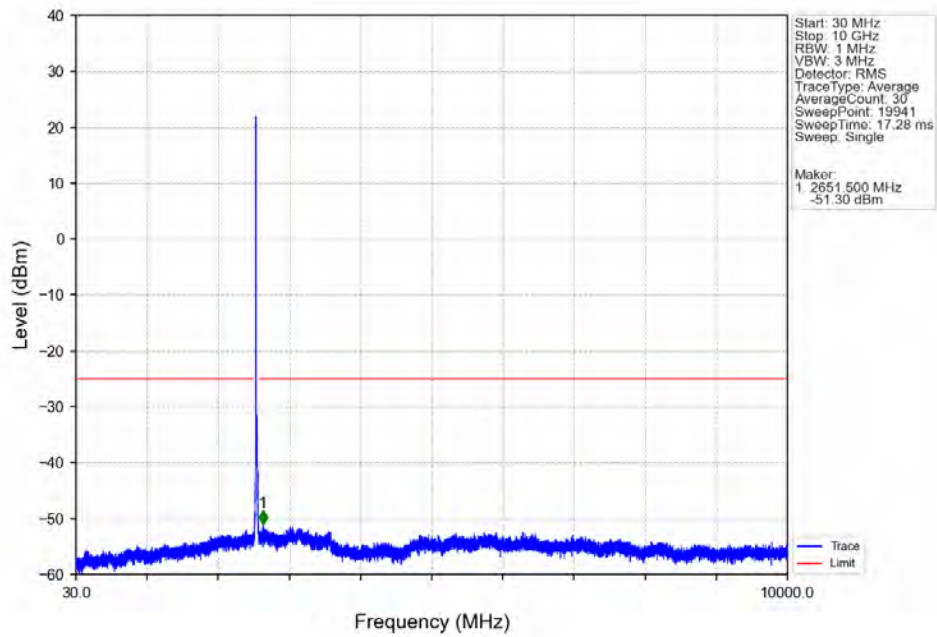
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



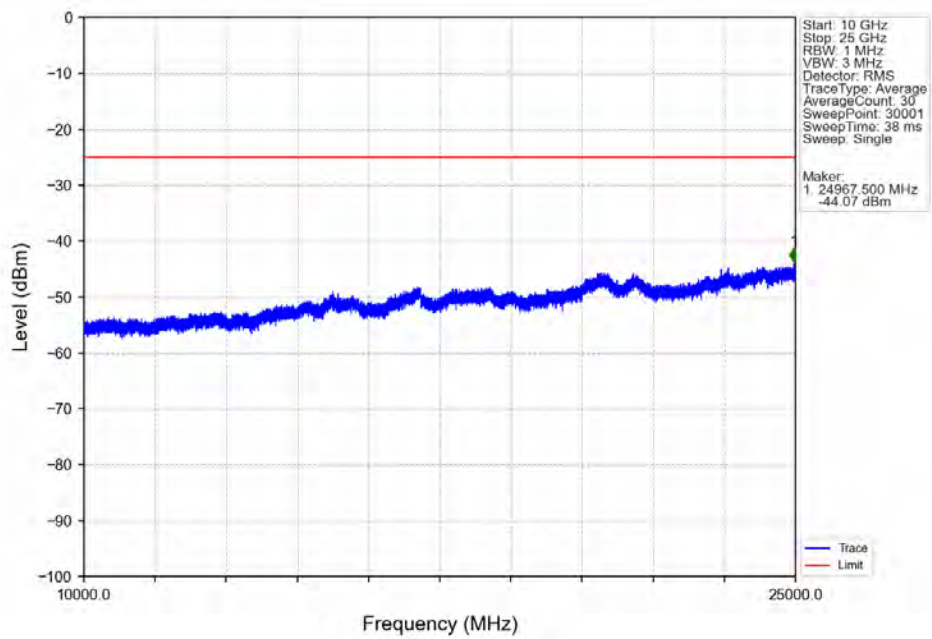
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



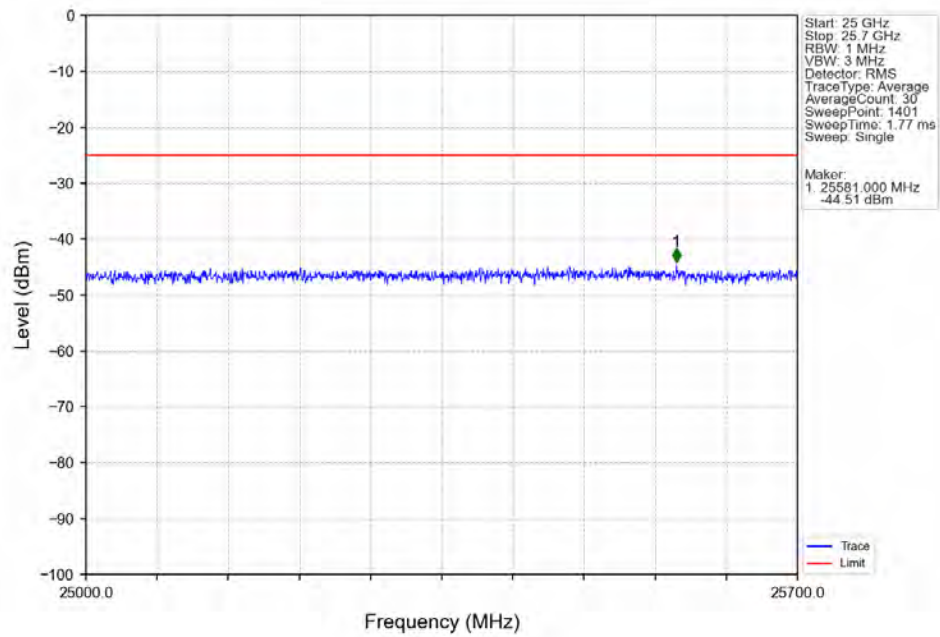
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



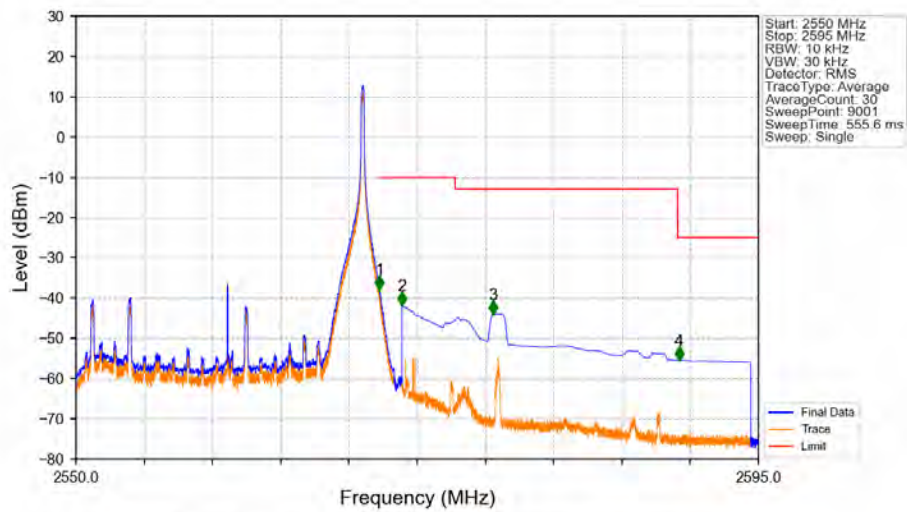
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



# Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

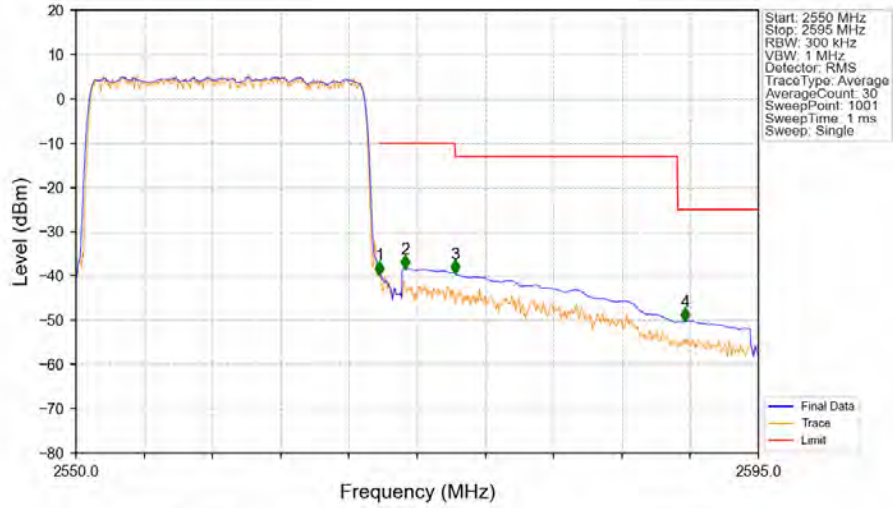


# Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTN



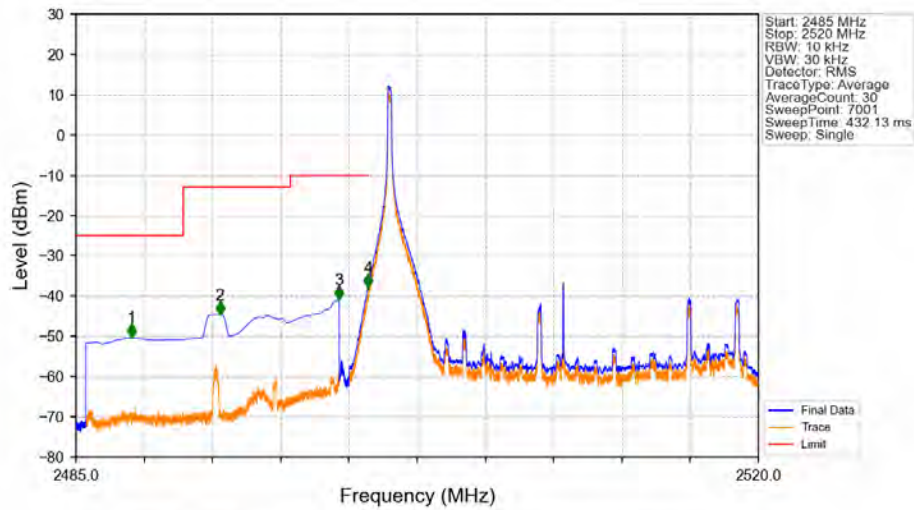
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -37.77      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -41.89      | -10         | Pass   |
| 2575        | 2589.673   | 1         | CHP    | 3          | 2577.510   | -43.99      | -13         | Pass   |
| 2589.673    | 2595       | 1         | CHP    | 4          | 2589.765   | -55.42      | -25         | Pass   |

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



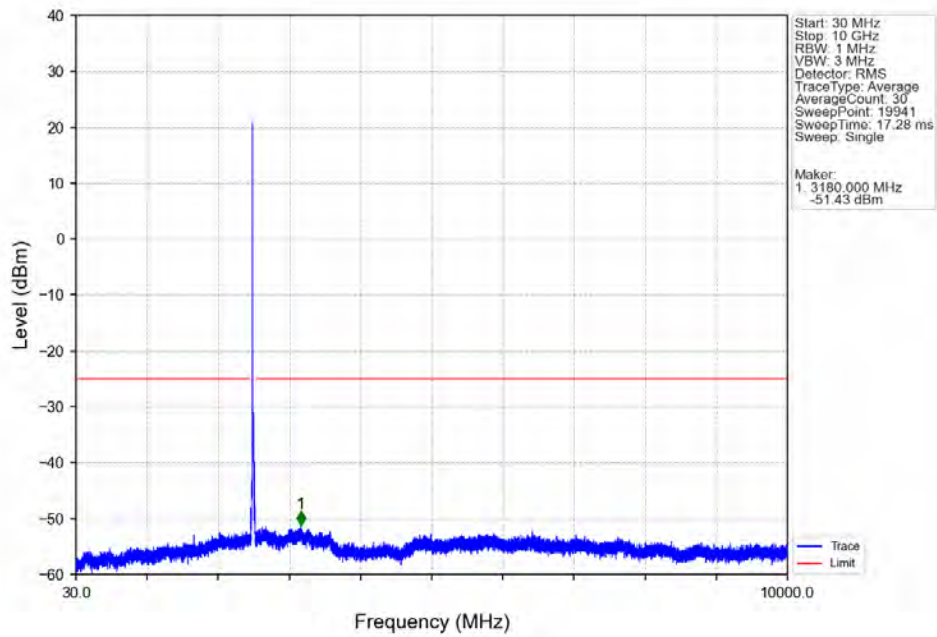
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.393     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.393     | CHP    | 1          | 2570.025   | -39.78      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.690   | -38.42      | -10         | Pass   |
| 2575        | 2589.673   | 1         | CHP    | 3          | 2575.020   | -39.51      | -13         | Pass   |
| 2589.673    | 2595       | 1         | CHP    | 4          | 2590.185   | -50.21      | -25         | Pass   |

Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV

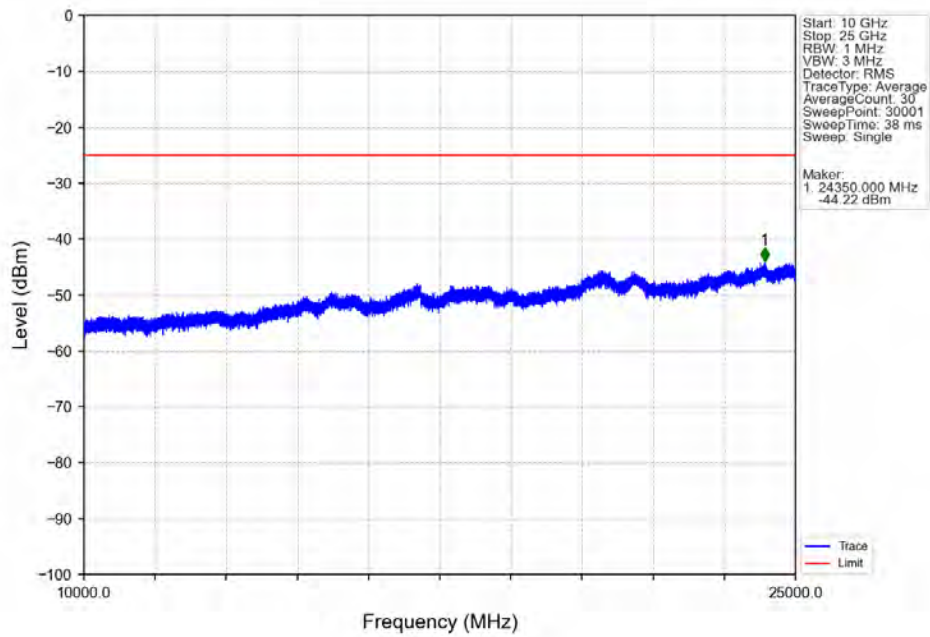


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.850   | -50.37      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.390   | -44.63      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -40.95      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -37.79      | -10         | Pass   |
| 2500        | 2520       | 0.02      | CHP    | /          | /          | /           | /           | /      |

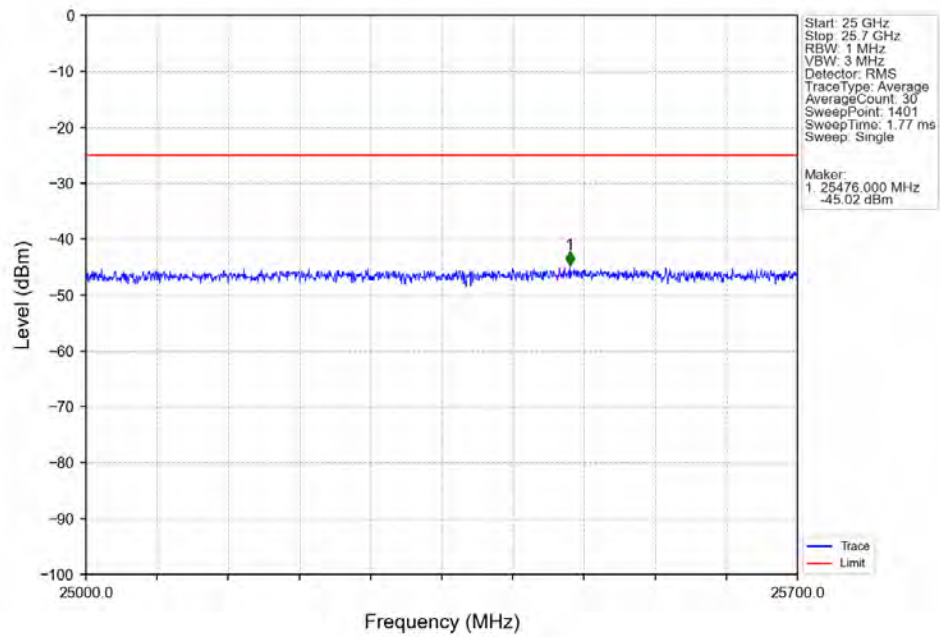
Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV



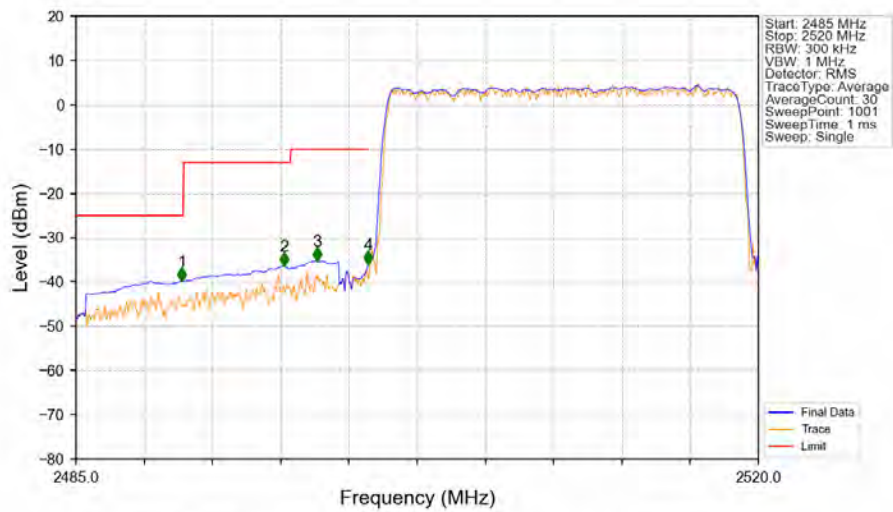
Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV



# Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV

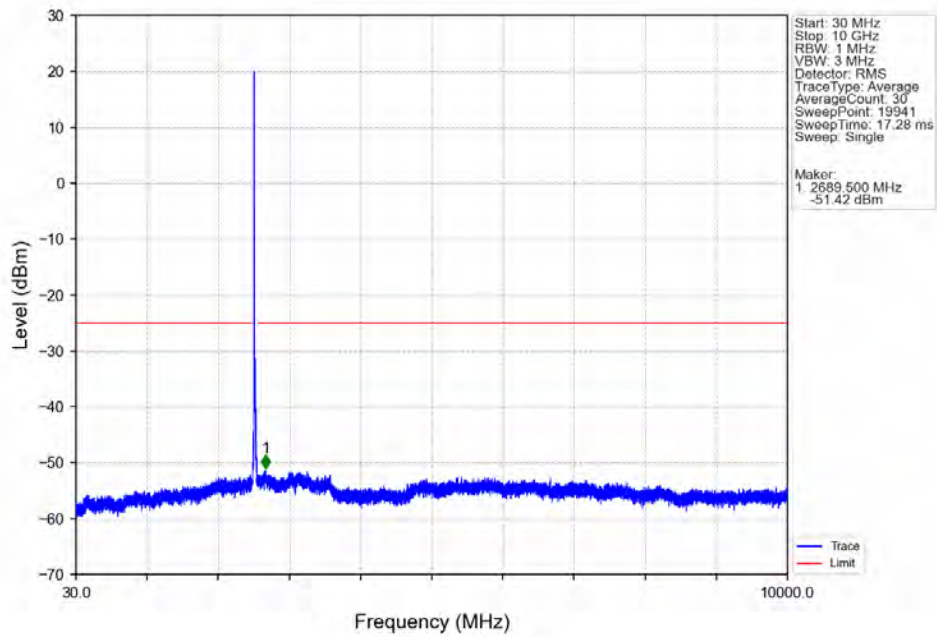


# Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV

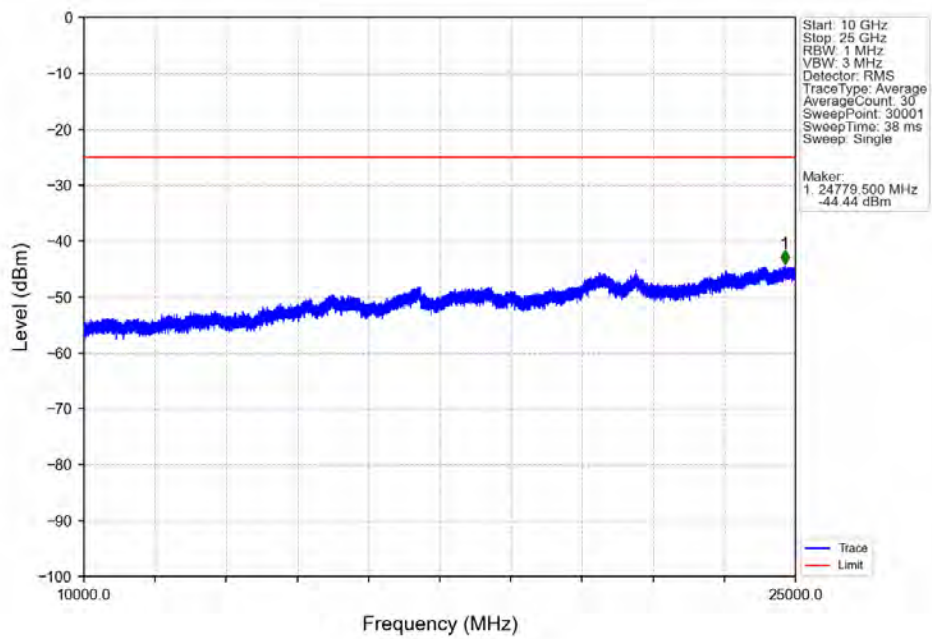


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.425   | -39.88      | 25          | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.675   | -36.42      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2497.355   | -35.26      | -10         | Pass   |
| 2499        | 2500       | 0.394     | CHP    | 4          | 2499.980   | -35.99      | -10         | Pass   |
| 2500        | 2520       | 0.394     | CHP    | /          | /          | /           | /           | /      |

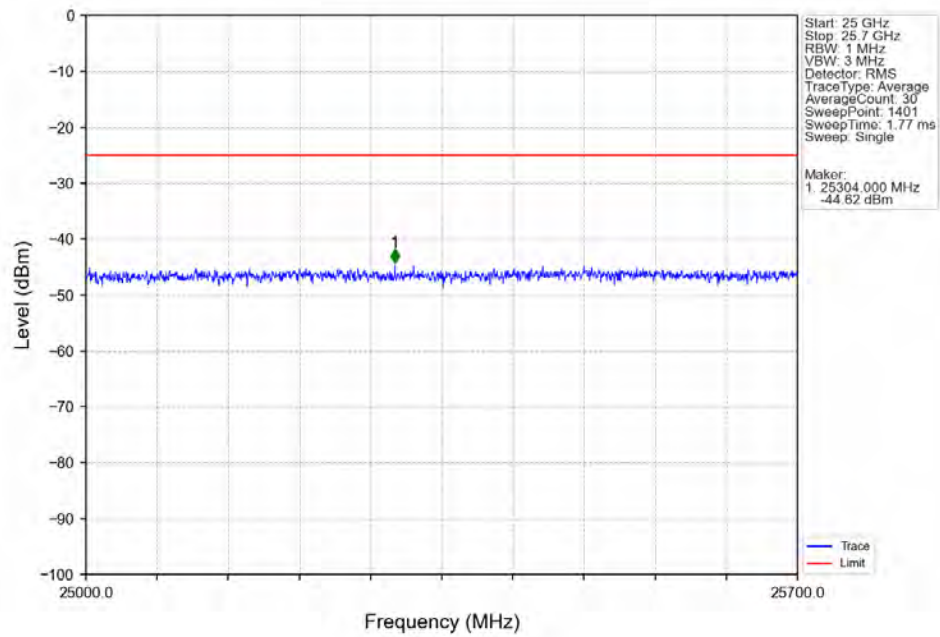
Band7 20MHz 16QAM MCH 2535MHz RB 1 0 NTV



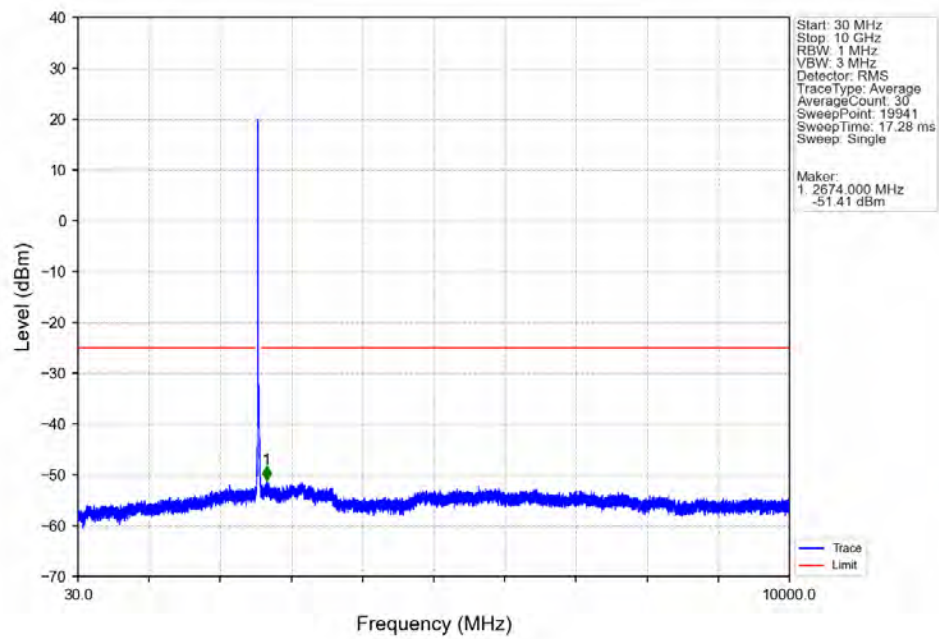
Band7 20MHz 16QAM MCH 2535MHz RB 1 0 NTV



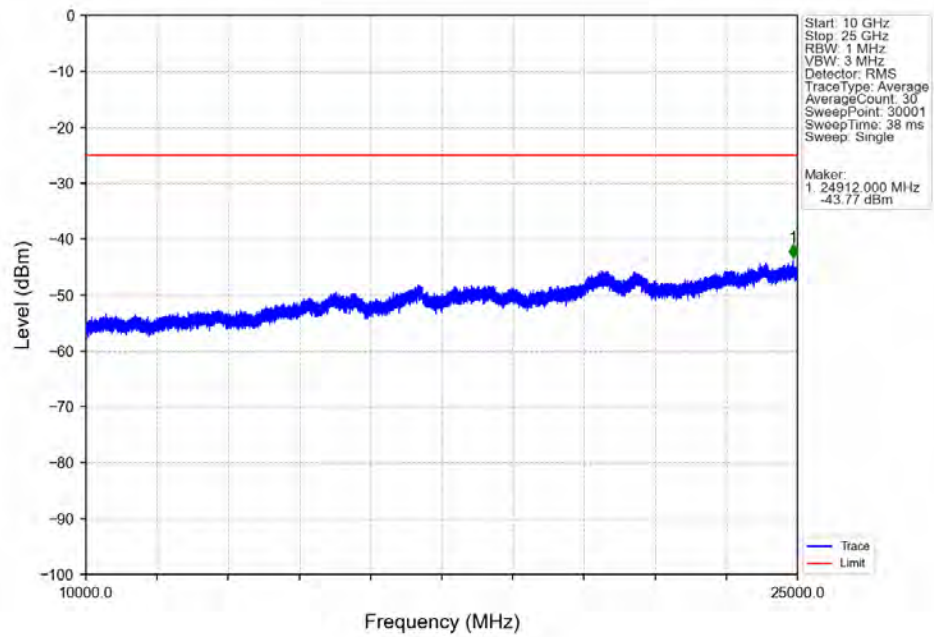
Band7 20MHz 16QAM MCH 2535MHz RB 1 0 NTNV



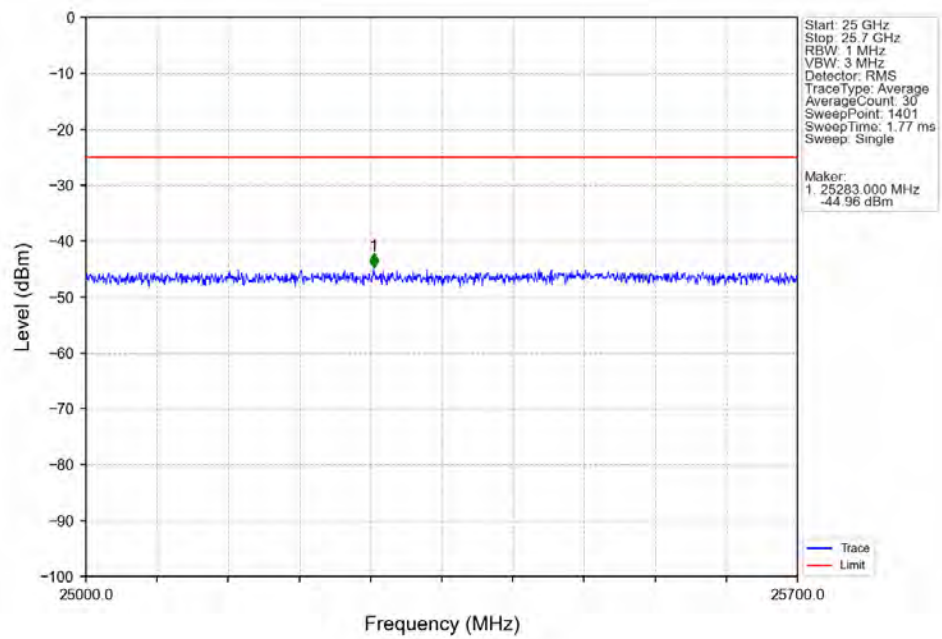
Band7 20MHz 16QAM HCH 2560MHz RB 1 0 NTNV



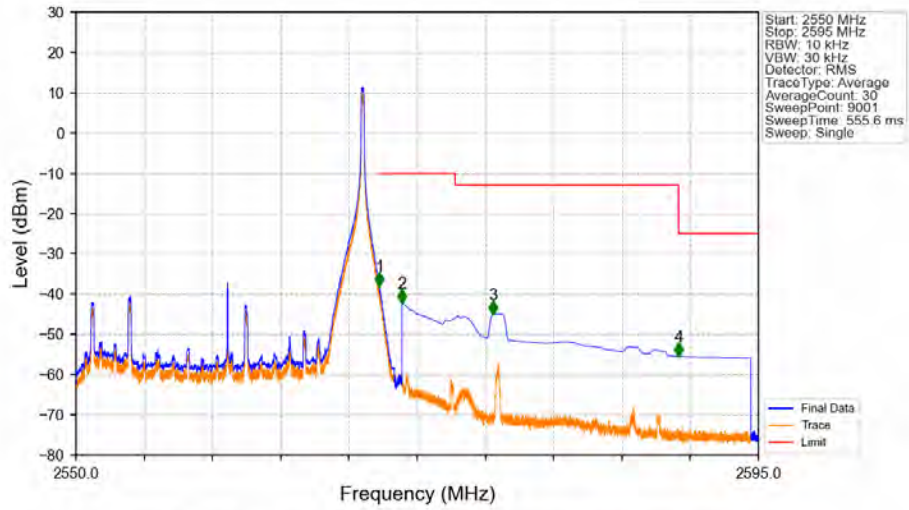
Band7 20MHz 16QAM HCH 2560MHz RB 1 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 1 0 NTNV

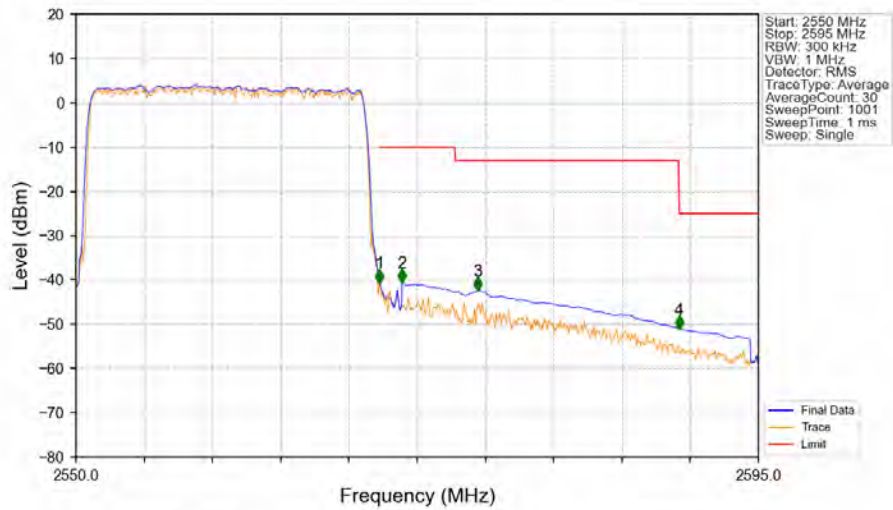


Band7 20MHz 16QAM HCH 2560MHz RB 1 99 NTNV



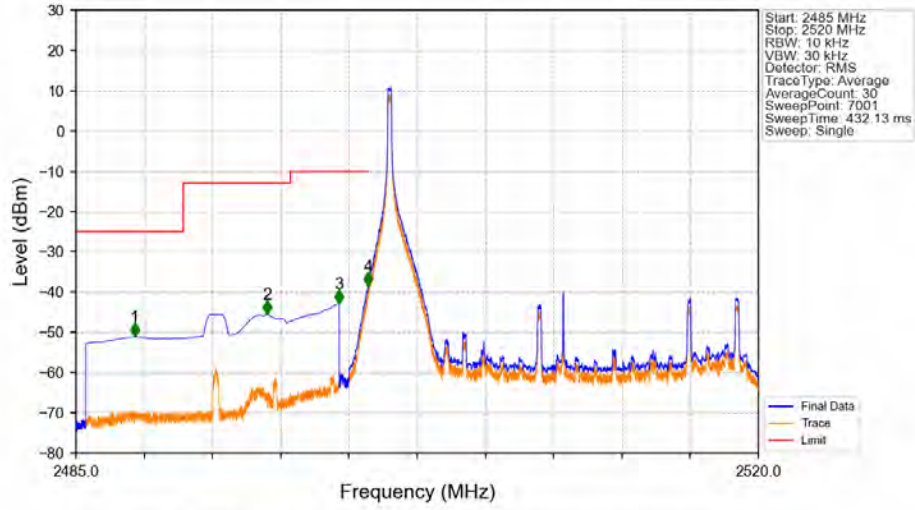
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -38.16      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -42.33      | -10         | Pass   |
| 2575        | 2589.735   | 1         | CHP    | 3          | 2577.485   | -44.99      | -13         | Pass   |
| 2589.735    | 2595       | 1         | CHP    | 4          | 2589.740   | -55.49      | -25         | Pass   |

Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



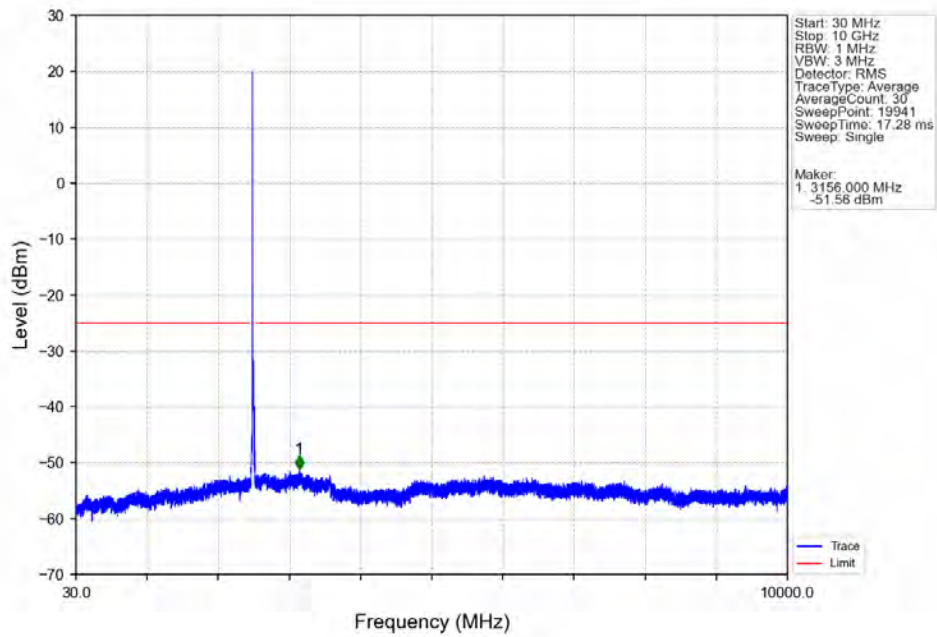
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.395     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.395     | CHP    | 1          | 2570.025   | -40.69      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -40.58      | -10         | Pass   |
| 2575        | 2589.735   | 1         | CHP    | 3          | 2576.505   | -42.46      | -13         | Pass   |
| 2589.735    | 2595       | 1         | CHP    | 4          | 2589.780   | -51.08      | -25         | Pass   |

Band7 20MHz 64QAM LCH 2510MHz RB 1 0 NTNV

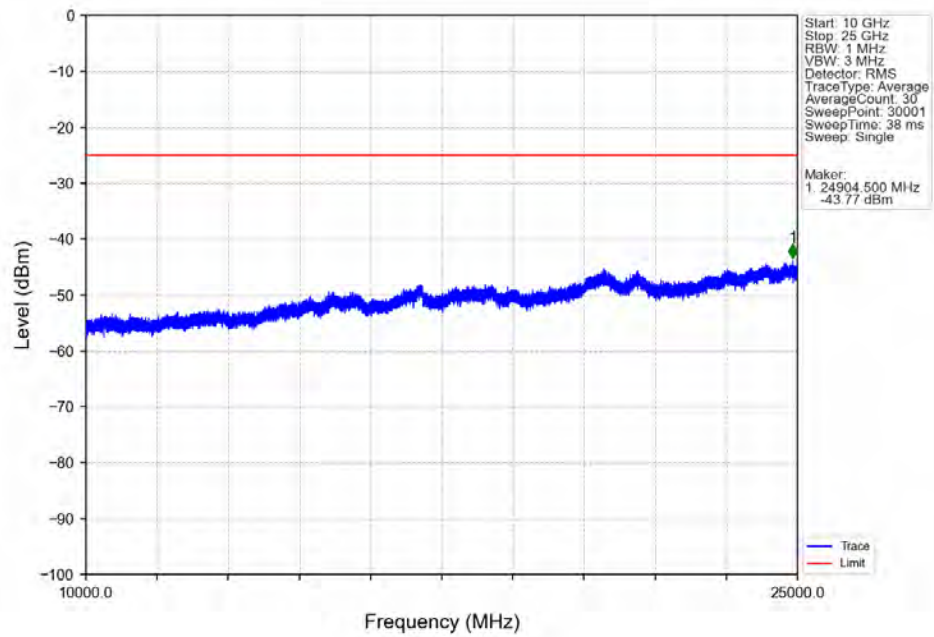


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.005   | -51.15      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.800   | -45.48      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -42.83      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -38.37      | -10         | Pass   |
| 2500        | 2520       | 0.02      | CHP    | /          | /          | /           | /           | /      |

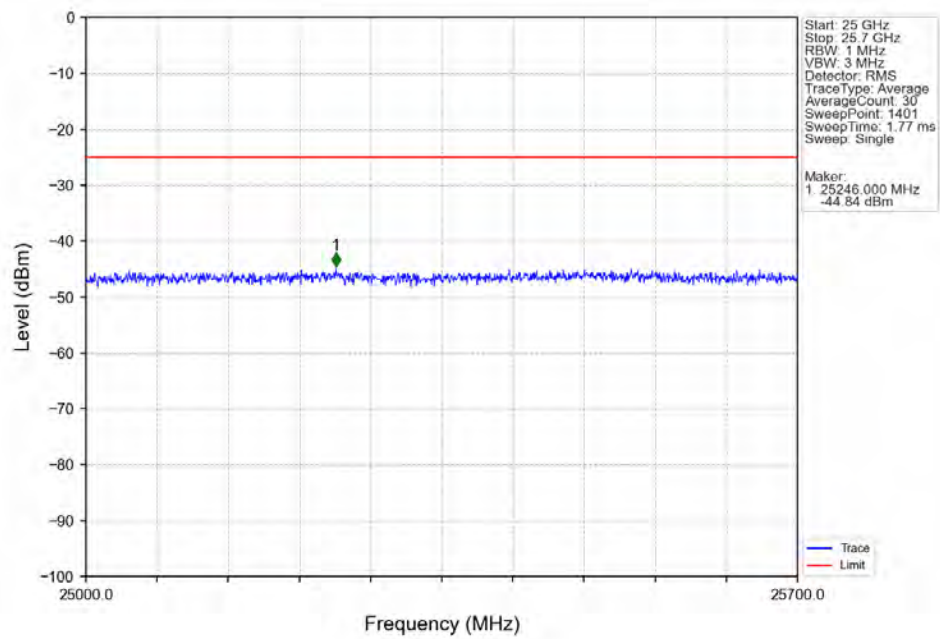
Band7 20MHz 64QAM LCH 2510MHz RB 1 0 NTNV



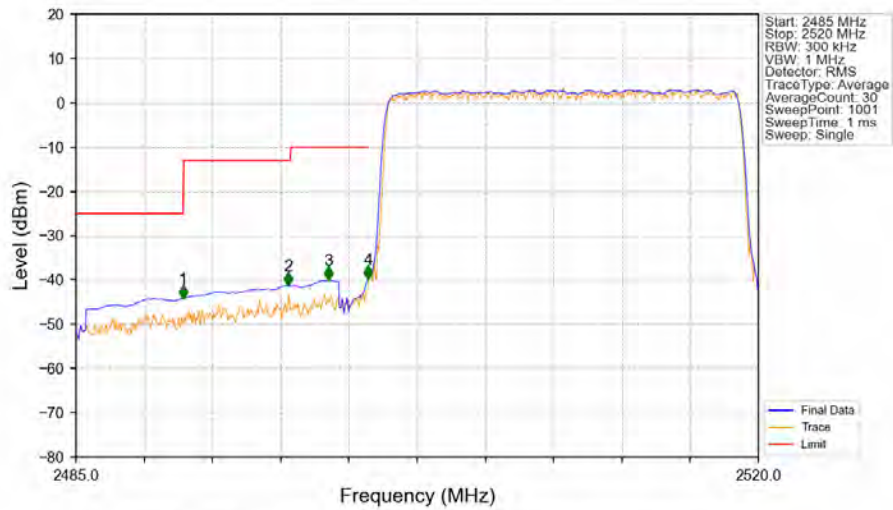
Band7 20MHz 64QAM LCH 2510MHz RB 1 0 NTNV



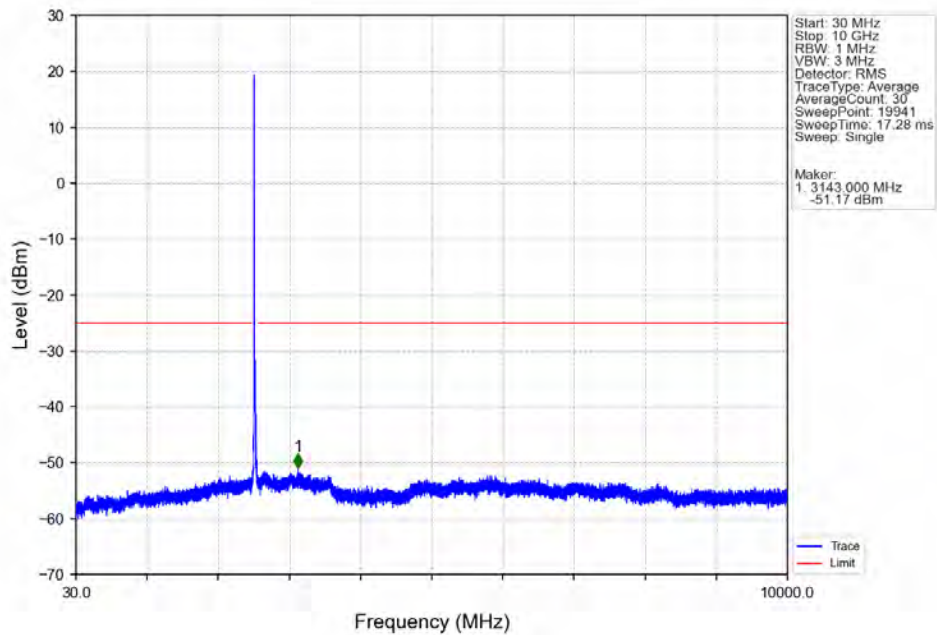
Band7 20MHz 64QAM LCH 2510MHz RB 1 0 NTNV



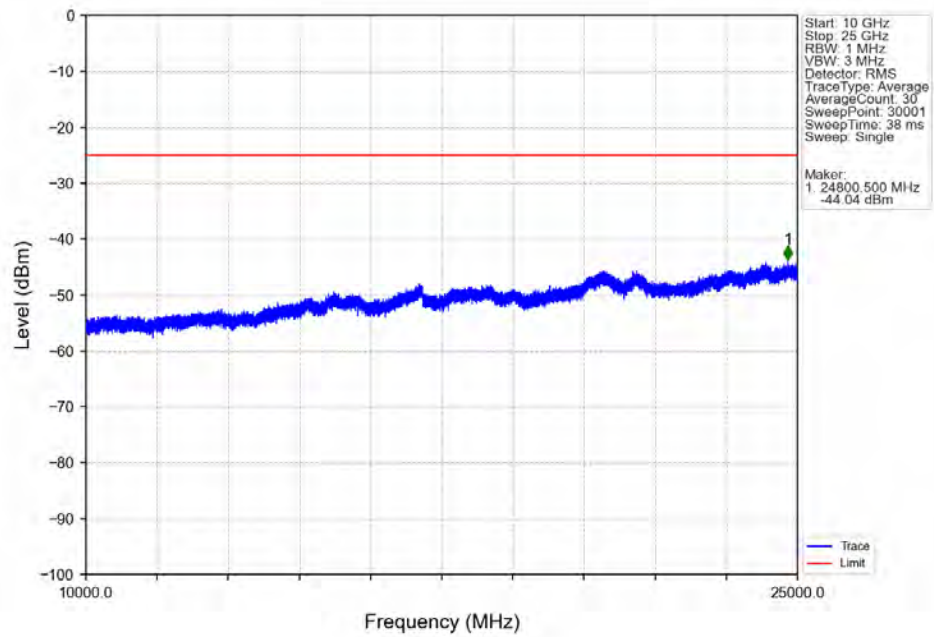
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTV



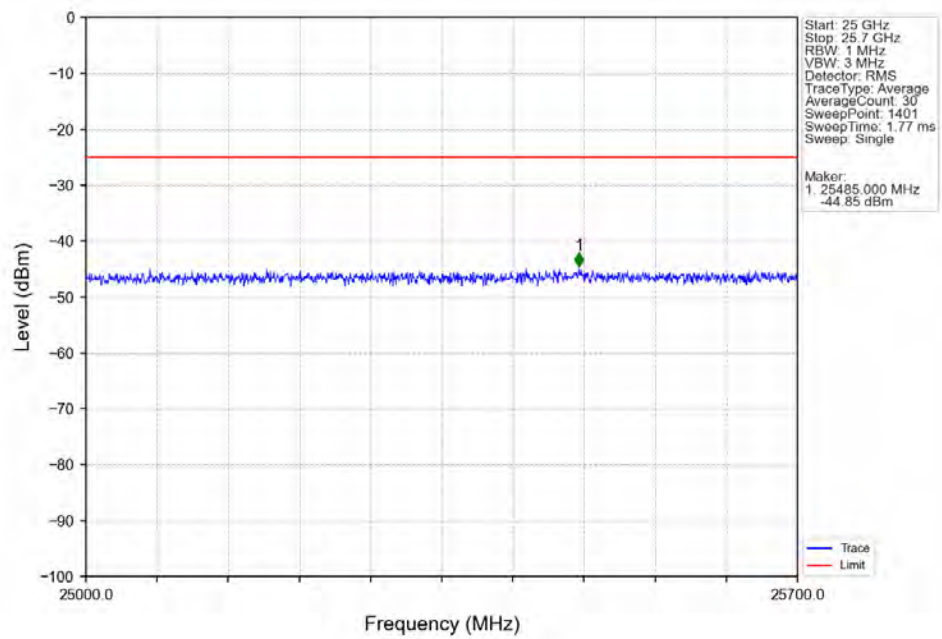
Band7 20MHz 64QAM MCH 2535MHz RB 1 0 NTV



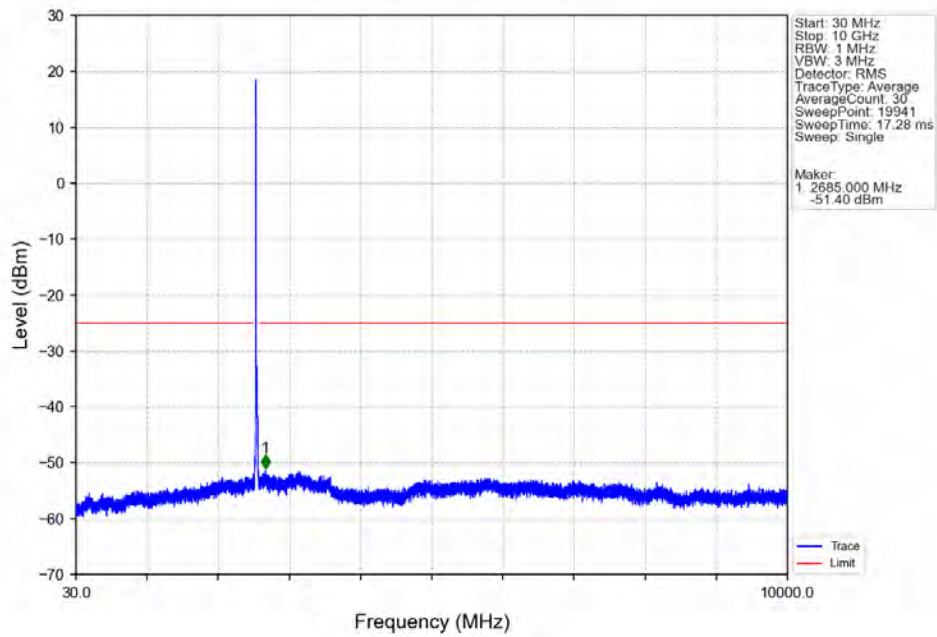
Band7 20MHz 64QAM MCH 2535MHz RB 1 0 NTV



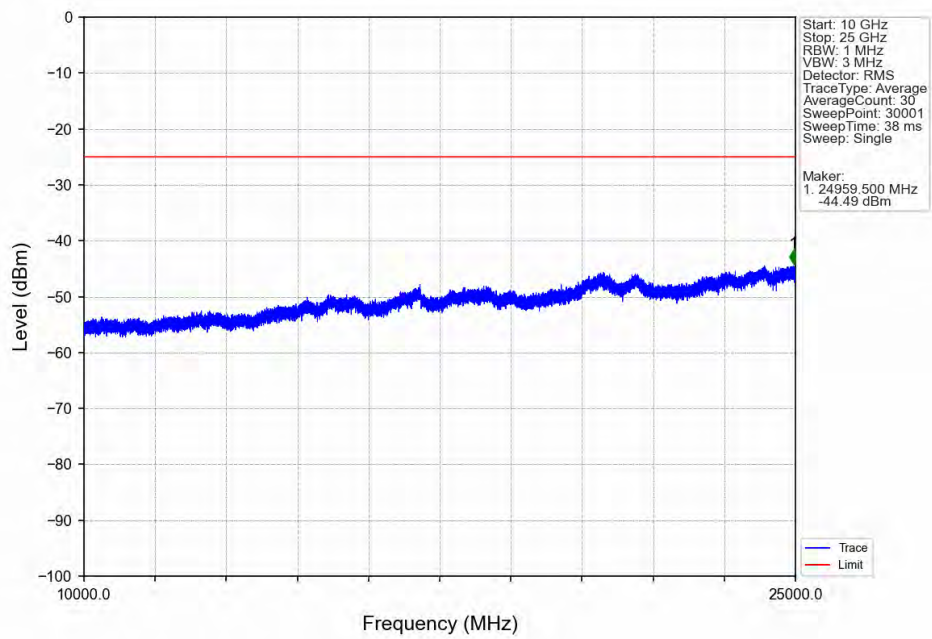
Band7 20MHz 64QAM MCH 2535MHz RB 1 0 NTV



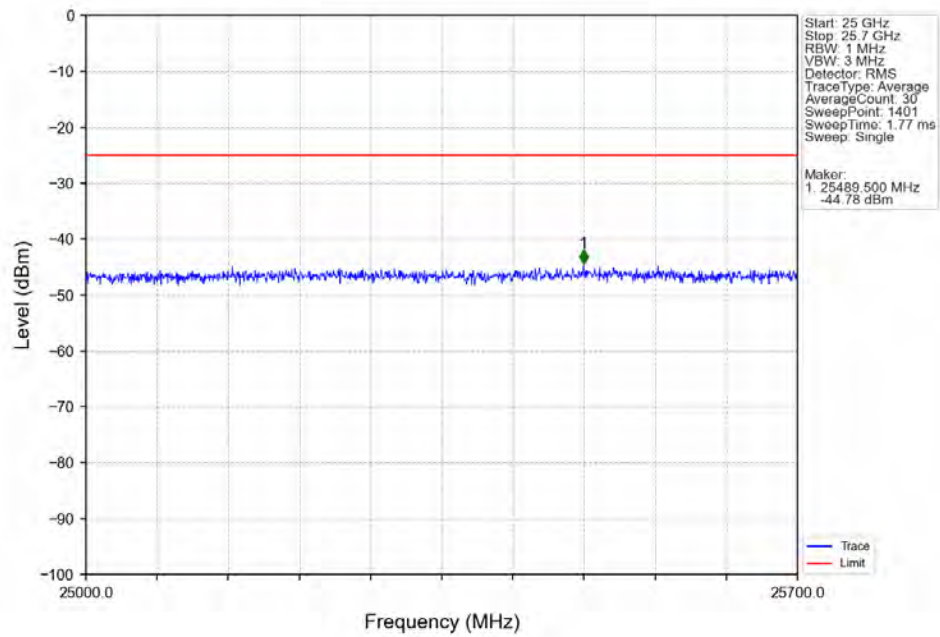
Band7 20MHz 64QAM HCH 2560MHz RB 1 0 NTNV



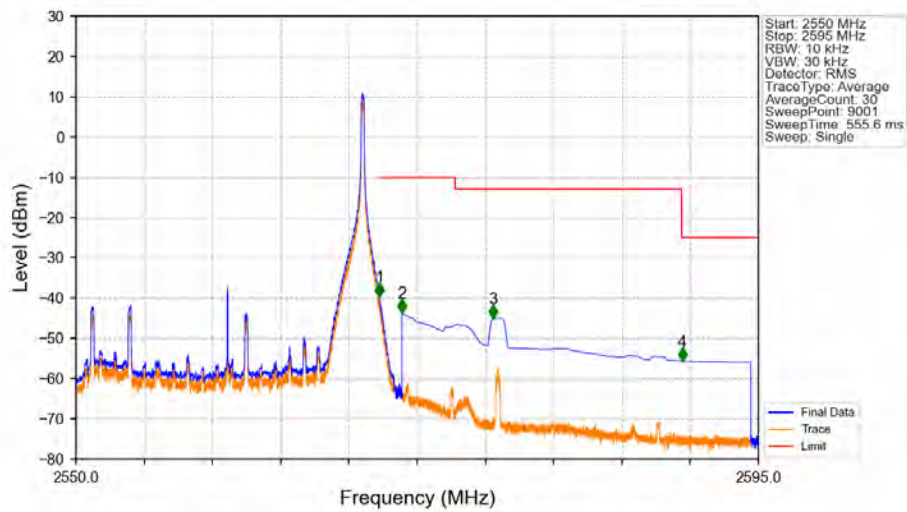
Band7 20MHz 64QAM HCH 2560MHz RB 1 0 NTNV



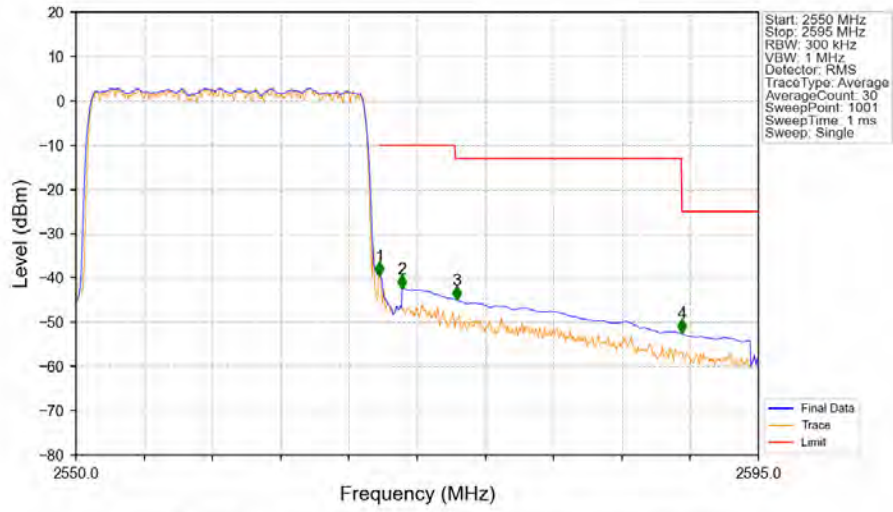
# Band7 20MHz 64QAM HCH 2560MHz RB 1 0 NTNV



# Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -39.67      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -43.76      | -10         | Pass   |
| 2575        | 2589.935   | 1         | CHP    | 3          | 2577.520   | -45.12      | -13         | Pass   |
| 2589.935    | 2595       | 1         | CHP    | 4          | 2589.975   | -55.62      | -25         | Pass   |



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2550        | 2570       | 0.399     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.399     | CHP    | 1          | 2570.025   | -39.49      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -42.37      | -10         | Pass   |
| 2575        | 2589.935   | 1         | CHP    | 3          | 2575.110   | -44.89      | -13         | Pass   |
| 2589.935    | 2595       | 1         | CHP    | 4          | 2589.960   | -52.50      | -25         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 7 ANT1-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5002.0                                                                | -61.64     | -25         | -36.64          | -67.21           | 4.57            | 10.14              | Horizontal         | Pass   |
| 7503.0                                                                | -56.51     | -25         | -31.51          | -63.31           | 4.94            | 11.74              | Horizontal         | Pass   |
| 10004.0                                                               | -52.54     | -25         | -27.54          | -60.11           | 5.46            | 13.03              | Horizontal         | Pass   |
| 5002.0                                                                | -59.68     | -25         | -34.68          | -65.25           | 4.57            | 10.14              | Vertical           | Pass   |
| 7503.0                                                                | -53.54     | -25         | -28.54          | -60.34           | 4.94            | 11.74              | Vertical           | Pass   |
| 10004.0                                                               | -46.03     | -25         | -21.03          | -53.6            | 5.46            | 13.03              | Vertical           | Pass   |

| LTE Band 7 ANT1-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5052.0                                                                   | -62.19     | -25         | -37.19          | -67.77           | 4.59            | 10.17              | Horizontal         | Pass   |
| 7578.0                                                                   | -57.76     | -25         | -32.76          | -64.64           | 4.95            | 11.83              | Horizontal         | Pass   |
| 10104.0                                                                  | -53.88     | -25         | -28.88          | -61.45           | 5.48            | 13.05              | Horizontal         | Pass   |
| 5052.0                                                                   | -61.67     | -25         | -36.67          | -67.25           | 4.59            | 10.17              | Vertical           | Pass   |
| 7578.0                                                                   | -55.96     | -25         | -30.96          | -62.84           | 4.95            | 11.83              | Vertical           | Pass   |
| 10104.0                                                                  | -50.42     | -25         | -25.42          | -57.99           | 5.48            | 13.05              | Vertical           | Pass   |

| LTE Band 7 ANT1-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5102.0                                                                 | -62.58     | -25         | -37.58          | -68.18           | 4.6             | 10.2               | Horizontal         | Pass   |
| 7653.0                                                                 | -59.87     | -25         | -34.87          | -66.84           | 4.95            | 11.92              | Horizontal         | Pass   |
| 10204.0                                                                | -54.19     | -25         | -29.19          | -61.77           | 5.49            | 13.07              | Horizontal         | Pass   |
| 5102.0                                                                 | -59.73     | -25         | -34.73          | -65.33           | 4.6             | 10.2               | Vertical           | Pass   |
| 7653.0                                                                 | -57.42     | -25         | -32.42          | -64.39           | 4.95            | 11.92              | Vertical           | Pass   |
| 10204.0                                                                | -52.26     | -25         | -27.26          | -59.84           | 5.49            | 13.07              | Vertical           | Pass   |