

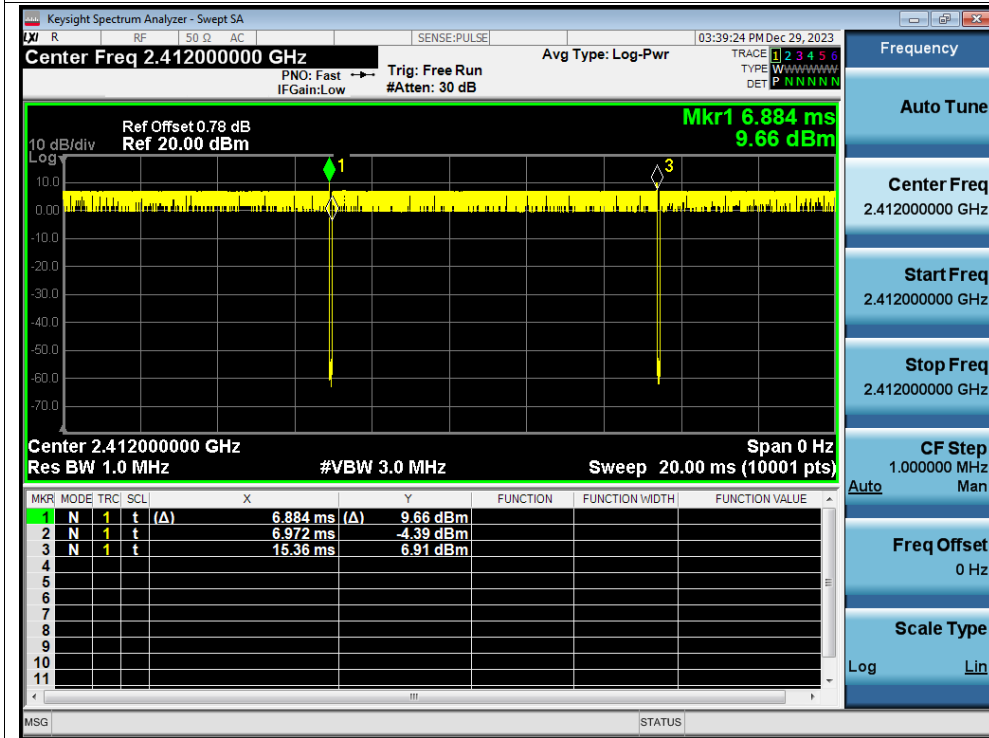
Appendix A

Duty Cycle

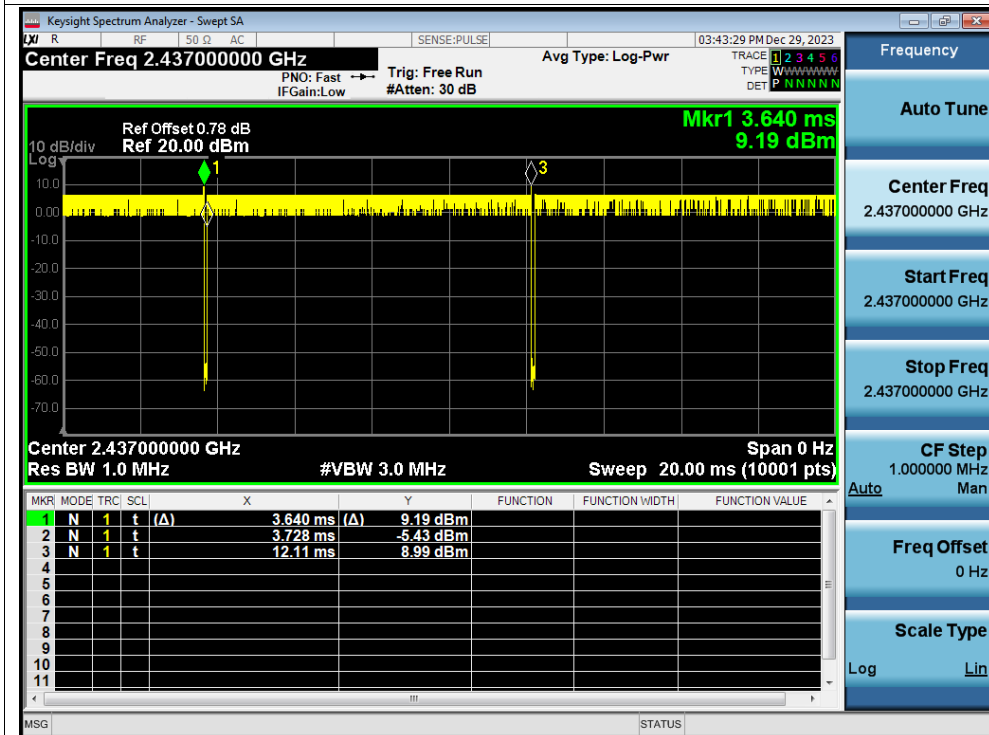
| Condition | Mode | Frequency (MHz) | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) | Final settingFor VBW (kHz) |
|-----------|------|-----------------|---------|--------------|-------------|----------------|------------------------|-----------|----------------------------|
| NVNT | b | 2412 | Ant1 | 8.39 | 8.47 | 99.06 | 0 | 0.12 | 1 |
| NVNT | b | 2437 | Ant1 | 8.39 | 8.47 | 99.06 | 0 | 0.12 | 1 |
| NVNT | b | 2462 | Ant1 | 8.39 | 8.47 | 99.06 | 0 | 0.12 | 1 |
| NVNT | g | 2412 | Ant1 | 1.4 | 1.41 | 99.29 | 0 | 0.72 | 1 |
| NVNT | g | 2437 | Ant1 | 1.39 | 1.41 | 98.58 | 0 | 0.72 | 1 |
| NVNT | g | 2462 | Ant1 | 1.39 | 1.41 | 98.58 | 0 | 0.72 | 1 |
| NVNT | n20 | 2412 | Ant1 | 1.3 | 1.32 | 98.48 | 0 | 0.77 | 1 |
| NVNT | n20 | 2437 | Ant1 | 1.3 | 1.32 | 98.48 | 0 | 0.77 | 1 |
| NVNT | n20 | 2462 | Ant1 | 1.3 | 1.32 | 98.48 | 0 | 0.77 | 1 |

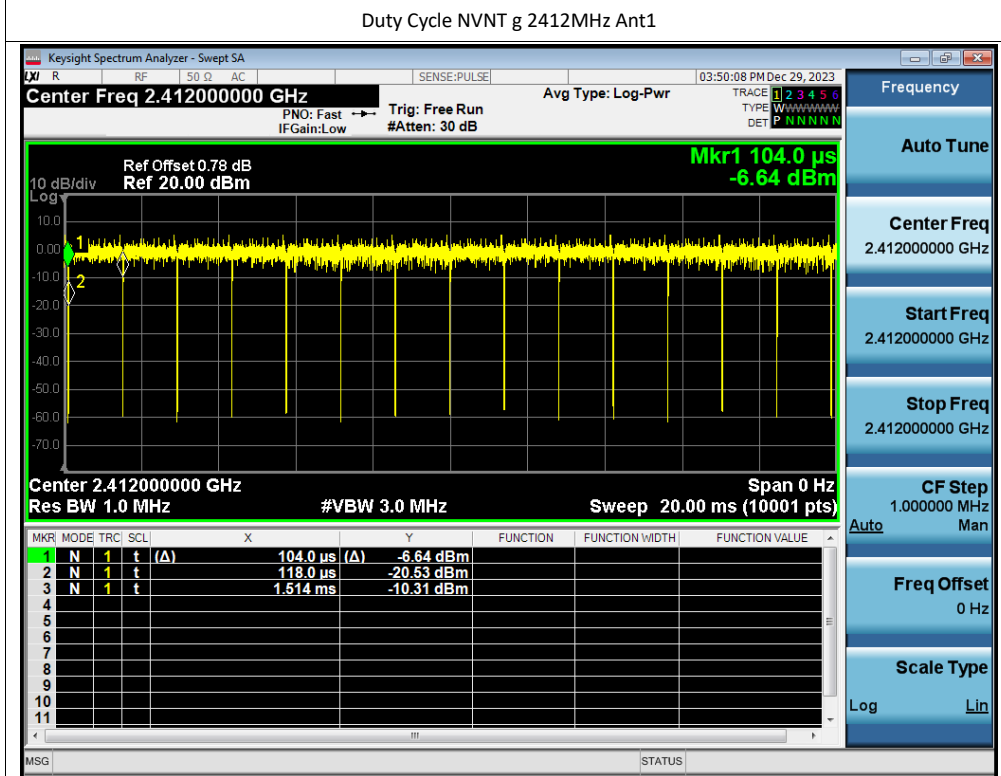
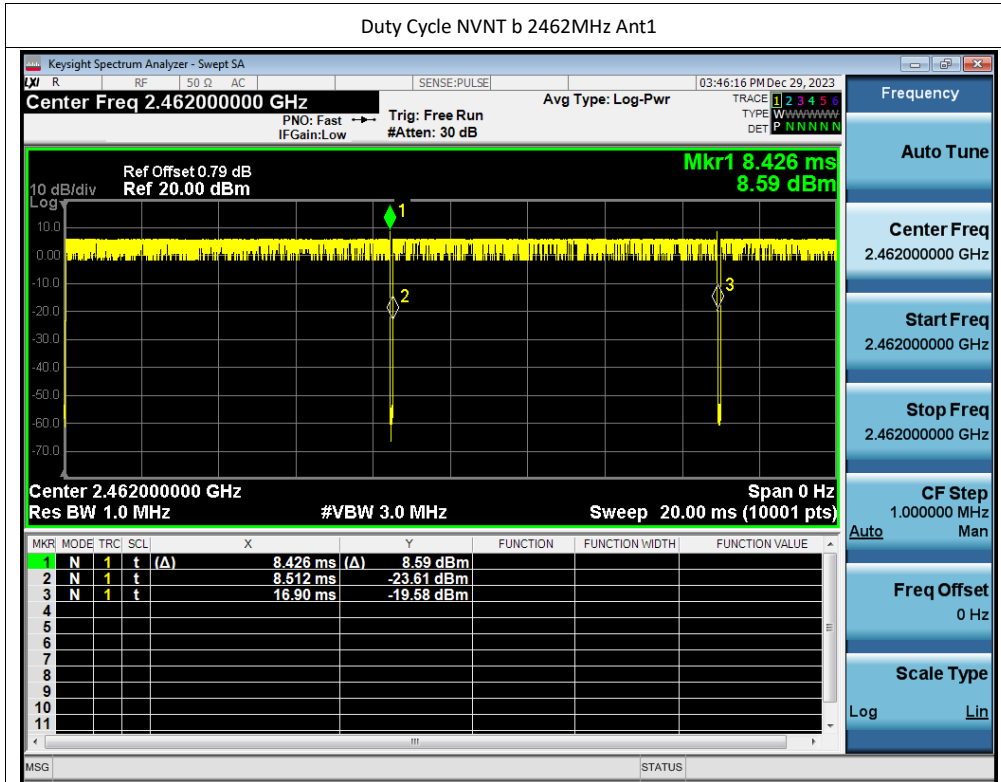
Test Graphs

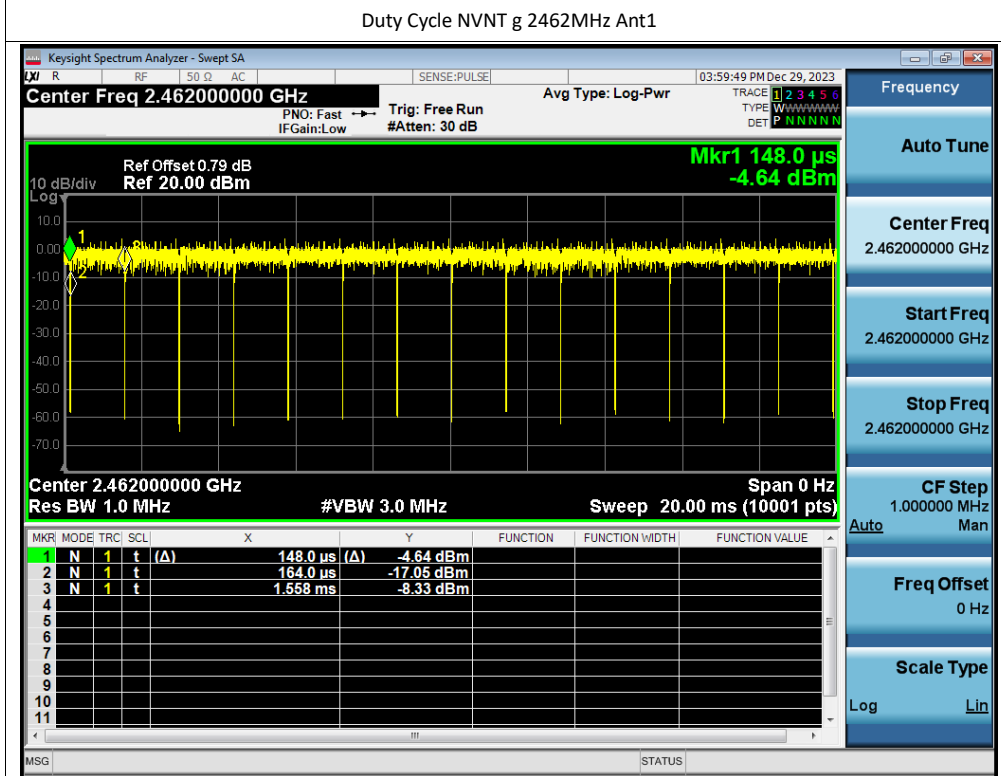
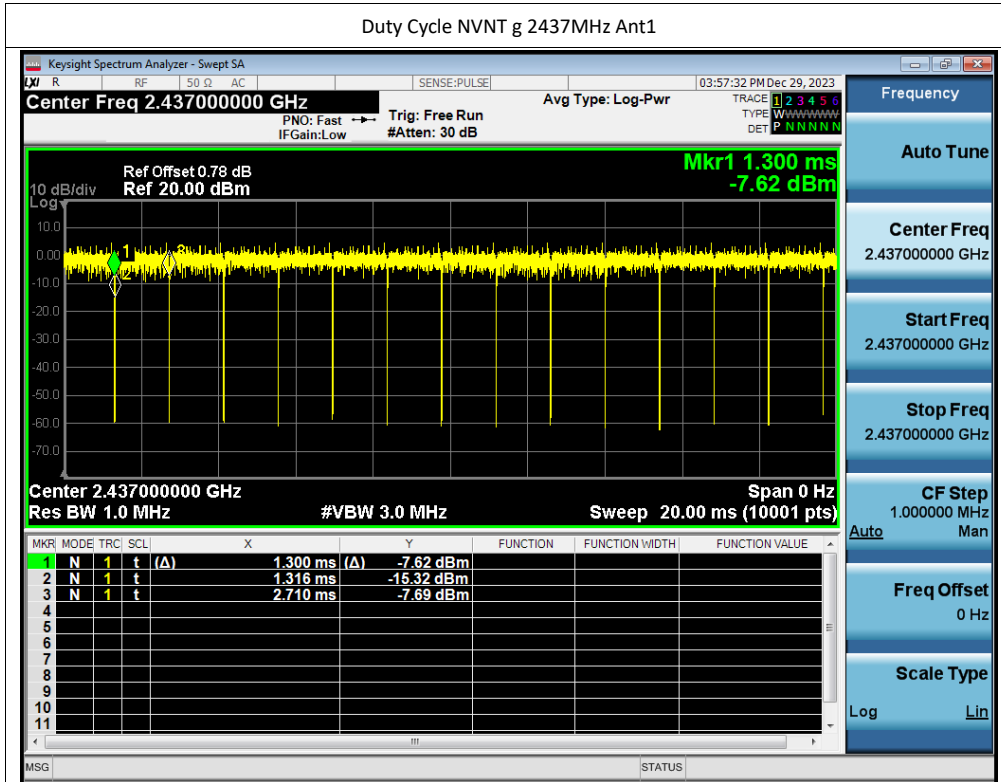
Duty Cycle NVNT b 2412MHz Ant1

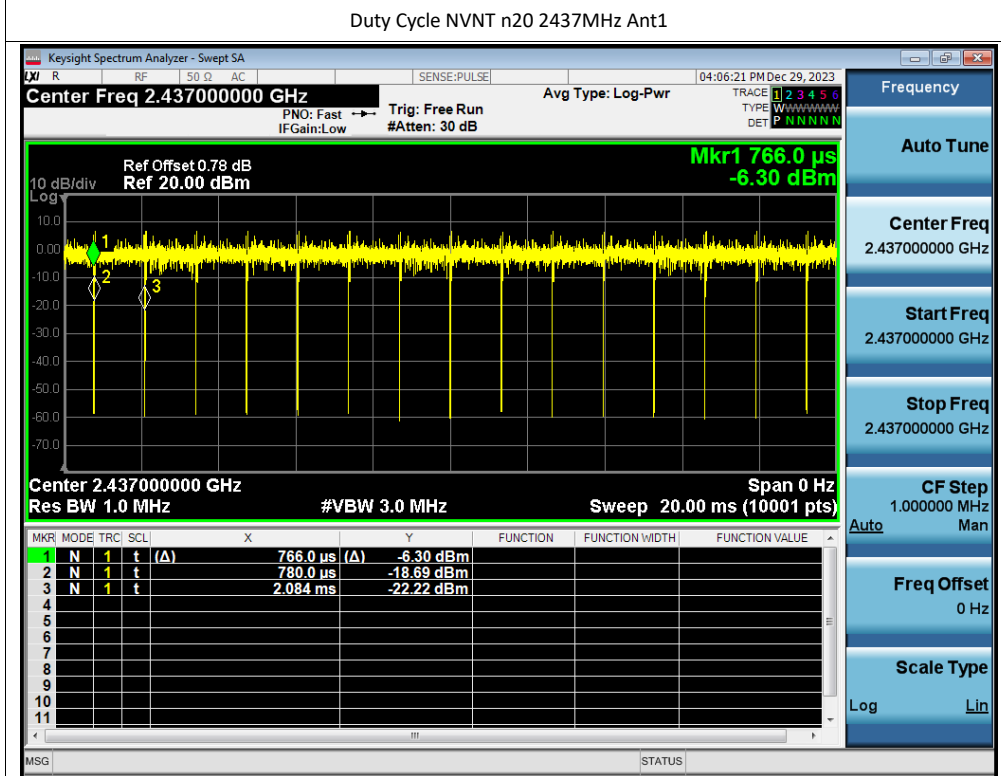
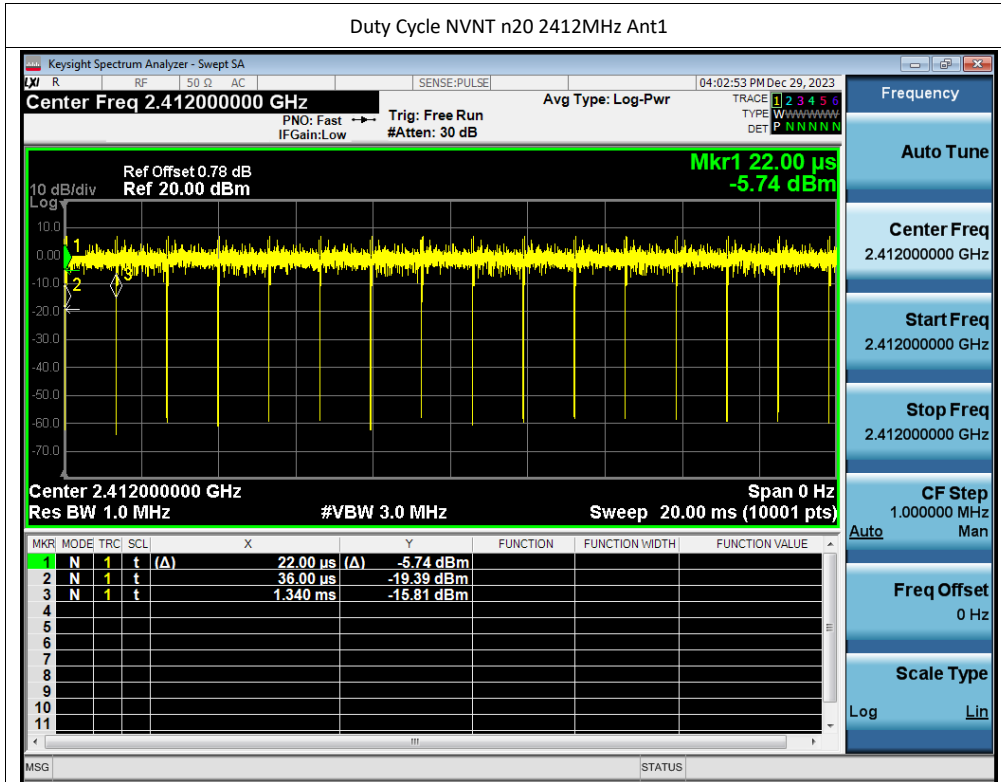


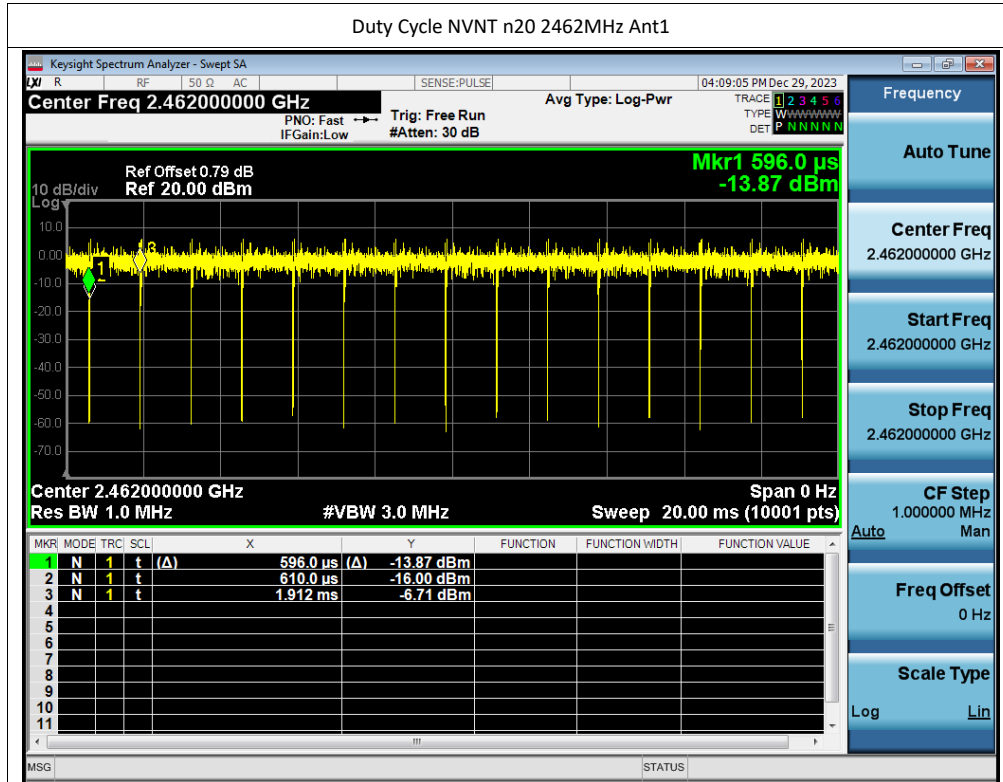
Duty Cycle NVNT b 2437MHz Ant1











Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | b | 2412 | Ant1 | 15.96 | 0 | 15.96 | 30 | Pass |
| NVNT | b | 2437 | Ant1 | 15.57 | 0 | 15.57 | 30 | Pass |
| NVNT | b | 2462 | Ant1 | 15.05 | 0 | 15.05 | 30 | Pass |
| NVNT | g | 2412 | Ant1 | 14.43 | 0 | 14.43 | 30 | Pass |
| NVNT | g | 2437 | Ant1 | 13.78 | 0 | 13.78 | 30 | Pass |
| NVNT | g | 2462 | Ant1 | 13.12 | 0 | 13.12 | 30 | Pass |
| NVNT | n20 | 2412 | Ant1 | 14.22 | 0 | 14.22 | 30 | Pass |
| NVNT | n20 | 2437 | Ant1 | 13.69 | 0 | 13.69 | 30 | Pass |
| NVNT | n20 | 2462 | Ant1 | 13.12 | 0 | 13.12 | 30 | Pass |

-6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT | b | 2412 | Ant1 | 12.024 | 0.5 | Pass |
| NVNT | b | 2437 | Ant1 | 12.03 | 0.5 | Pass |
| NVNT | b | 2462 | Ant1 | 10.1 | 0.5 | Pass |
| NVNT | g | 2412 | Ant1 | 15.03 | 0.5 | Pass |
| NVNT | g | 2437 | Ant1 | 15.13 | 0.5 | Pass |
| NVNT | g | 2462 | Ant1 | 15.04 | 0.5 | Pass |
| NVNT | n20 | 2412 | Ant1 | 16.59 | 0.5 | Pass |
| NVNT | n20 | 2437 | Ant1 | 15.05 | 0.5 | Pass |
| NVNT | n20 | 2462 | Ant1 | 13.82 | 0.5 | Pass |

Test Graphs

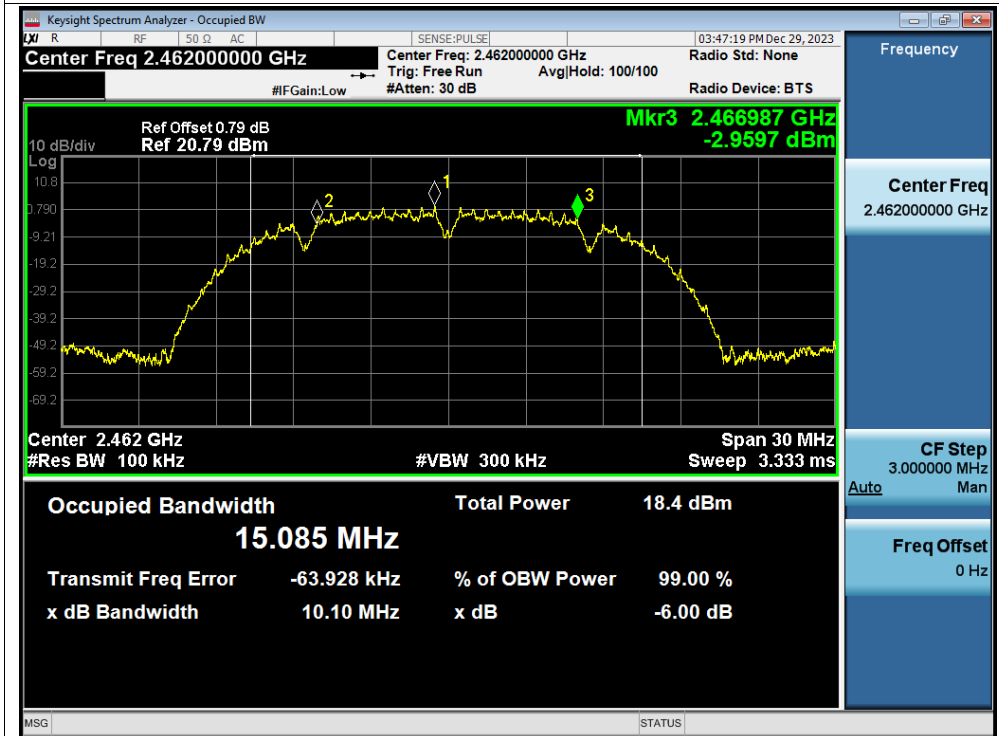
-6dB Bandwidth NVNT b 2412MHz Ant1



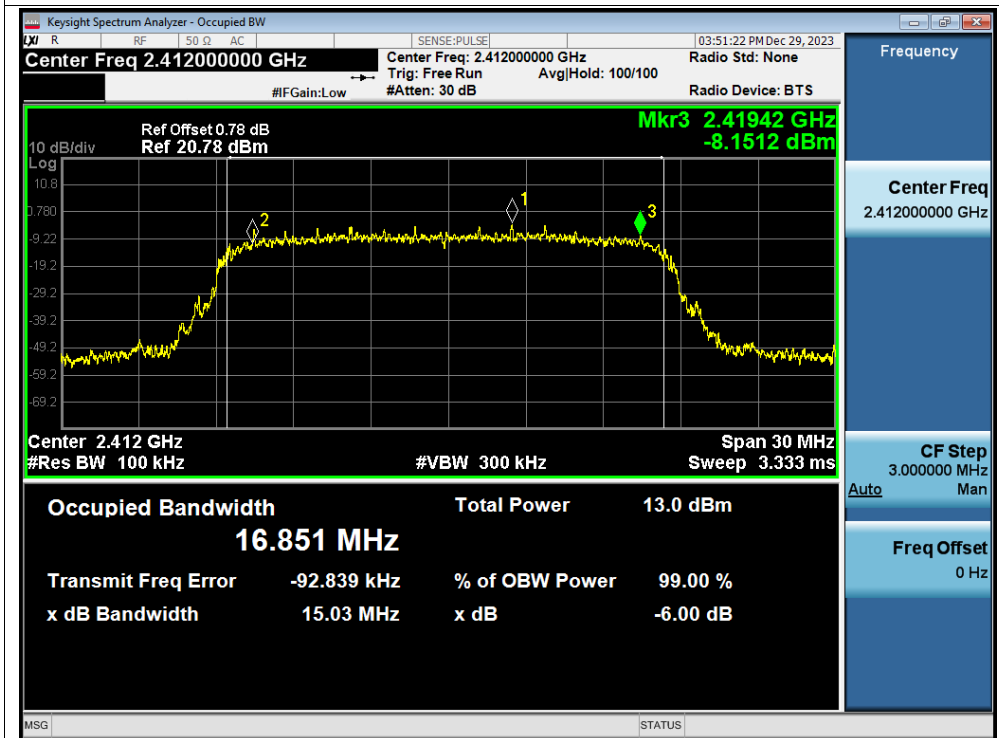
-6dB Bandwidth NVNT b 2437MHz Ant1



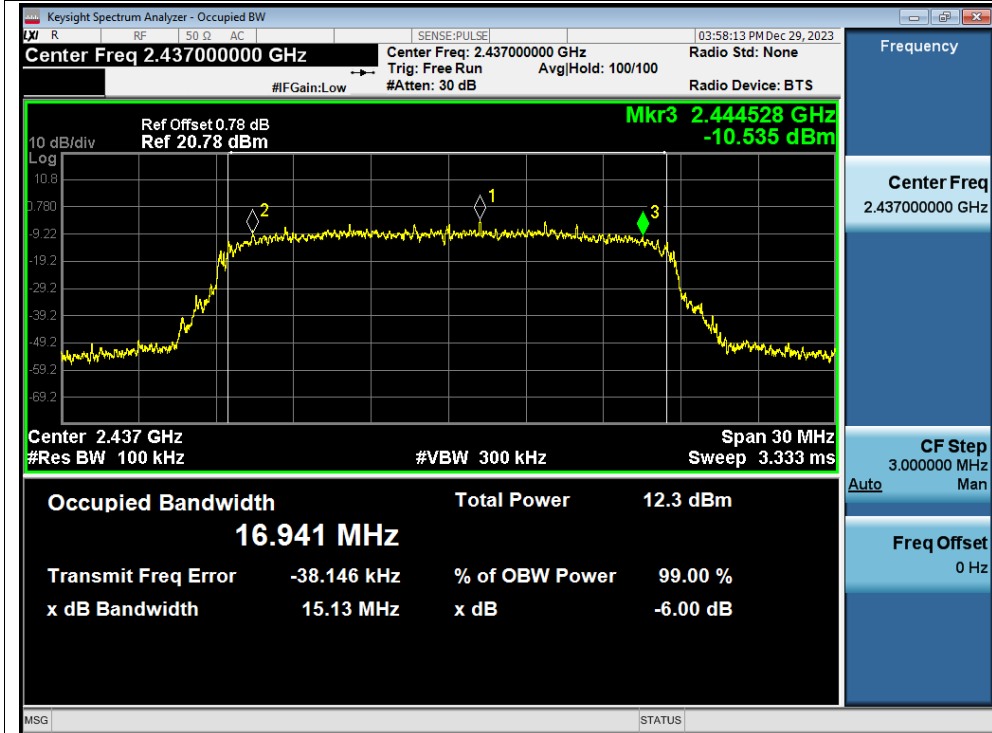
-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1

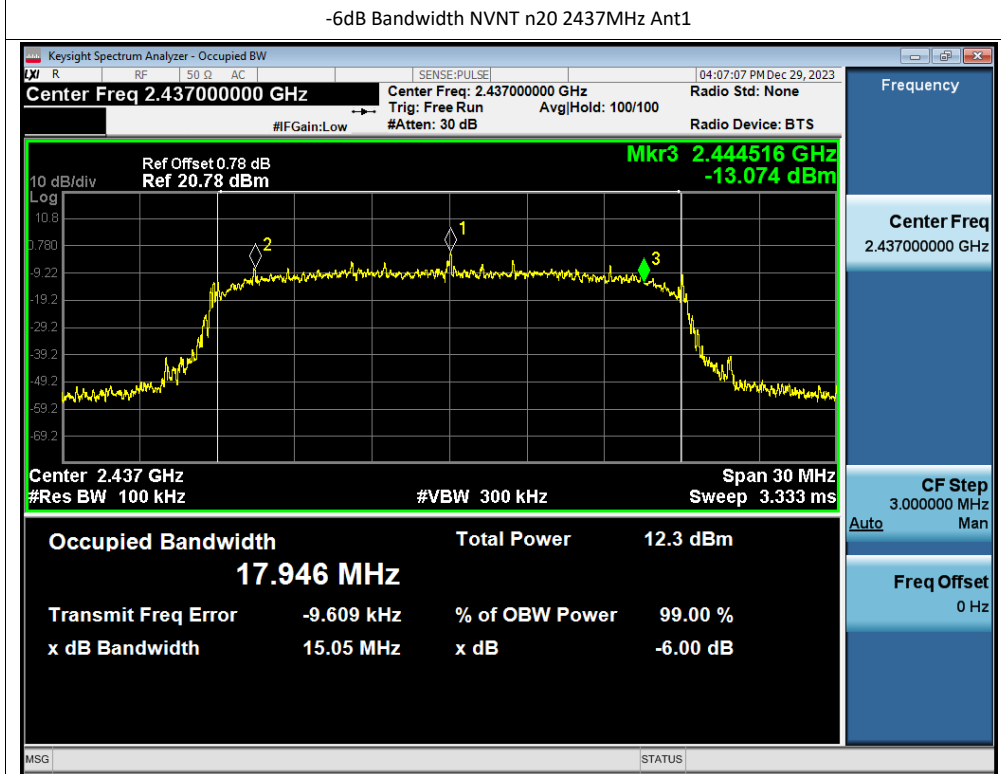
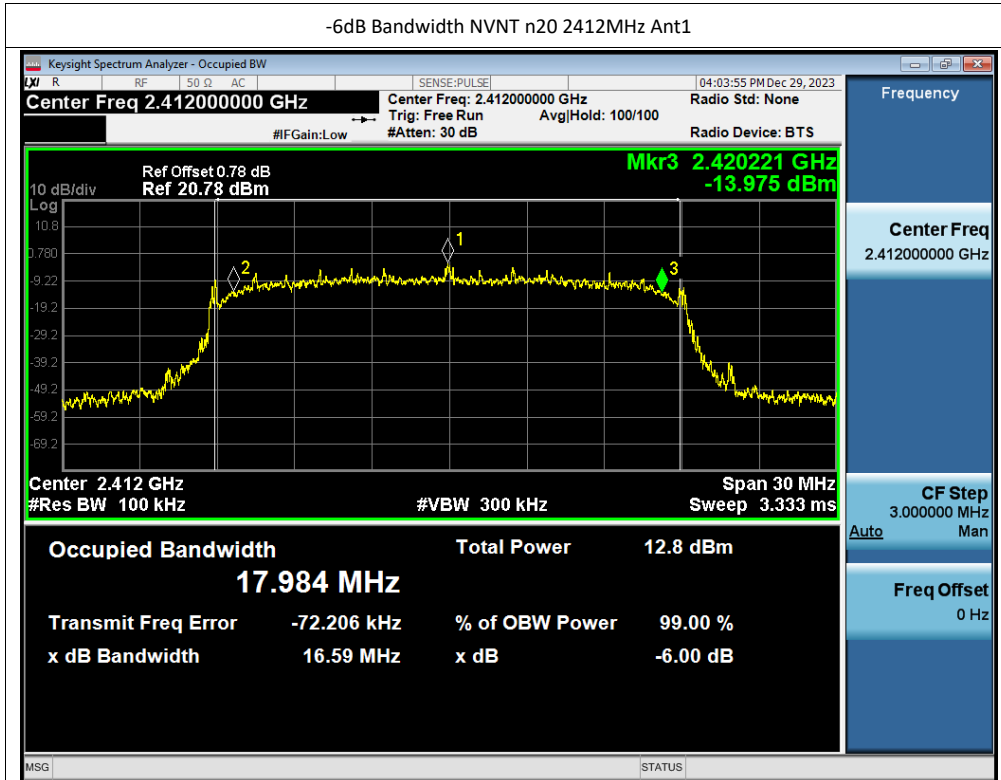


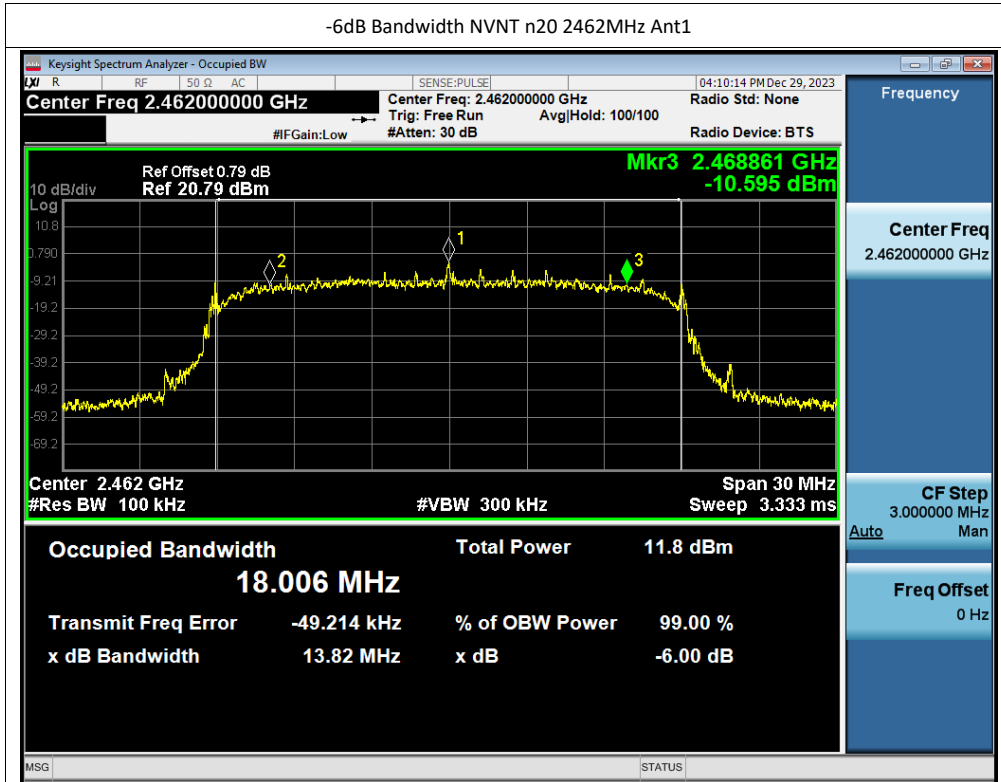
-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1







Occupied Channel Bandwidth

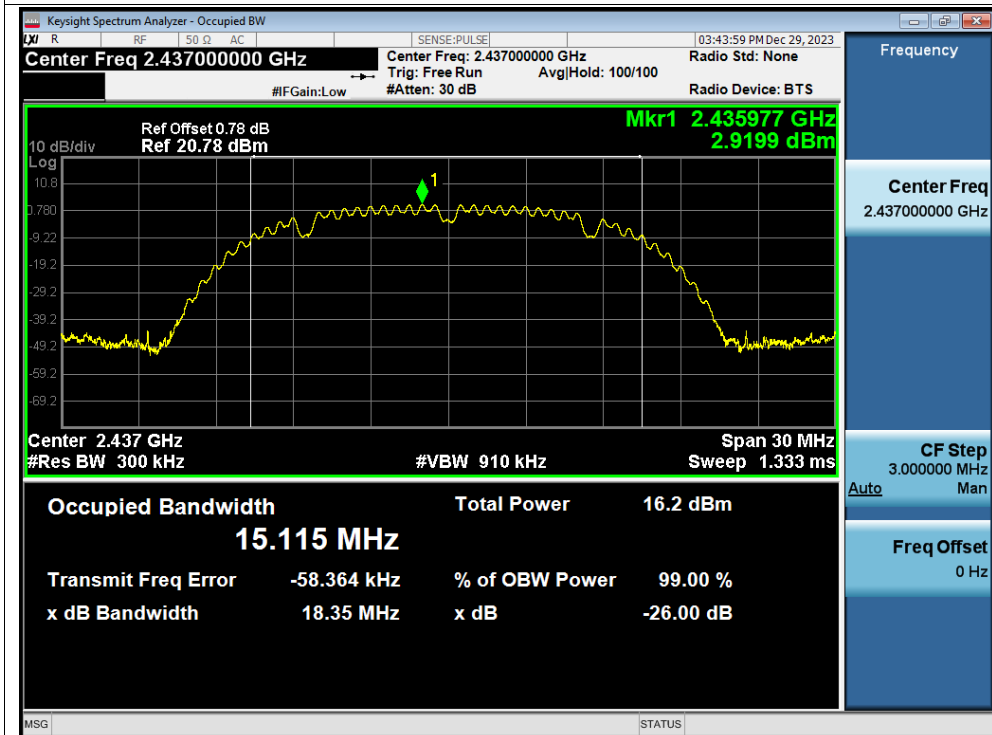
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT | b | 2412 | Ant1 | 15.117 |
| NVNT | b | 2437 | Ant1 | 15.115 |
| NVNT | b | 2462 | Ant1 | 15.112 |
| NVNT | g | 2412 | Ant1 | 17.095 |
| NVNT | g | 2437 | Ant1 | 17.032 |
| NVNT | g | 2462 | Ant1 | 17.117 |
| NVNT | n20 | 2412 | Ant1 | 17.962 |
| NVNT | n20 | 2437 | Ant1 | 18.001 |
| NVNT | n20 | 2462 | Ant1 | 18.01 |

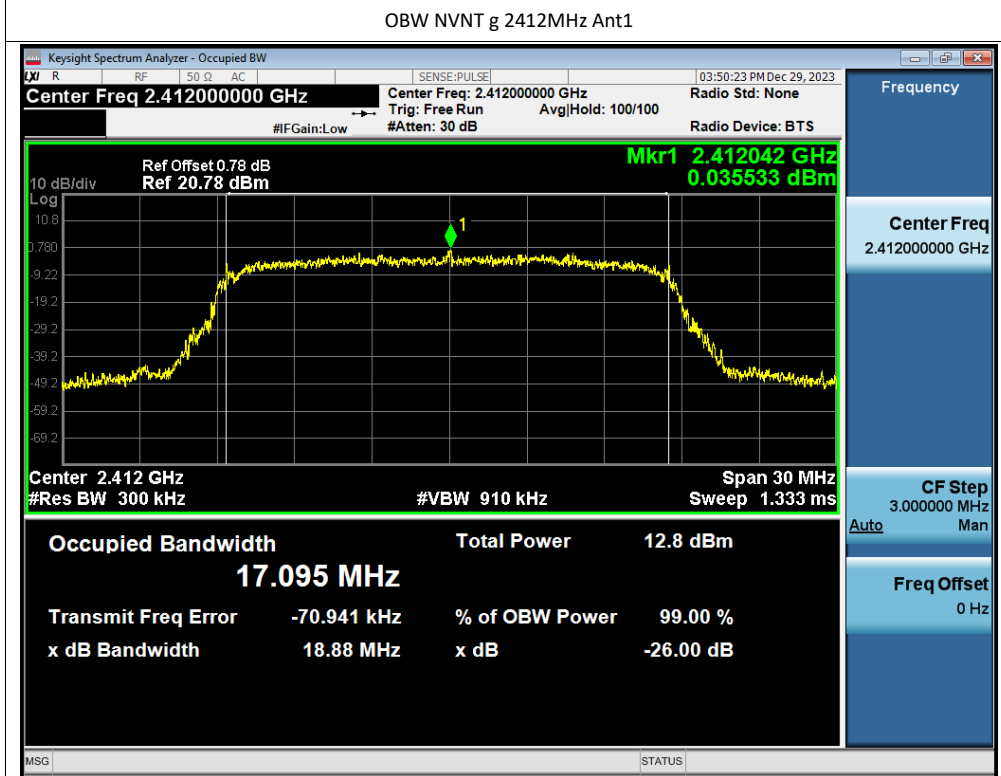
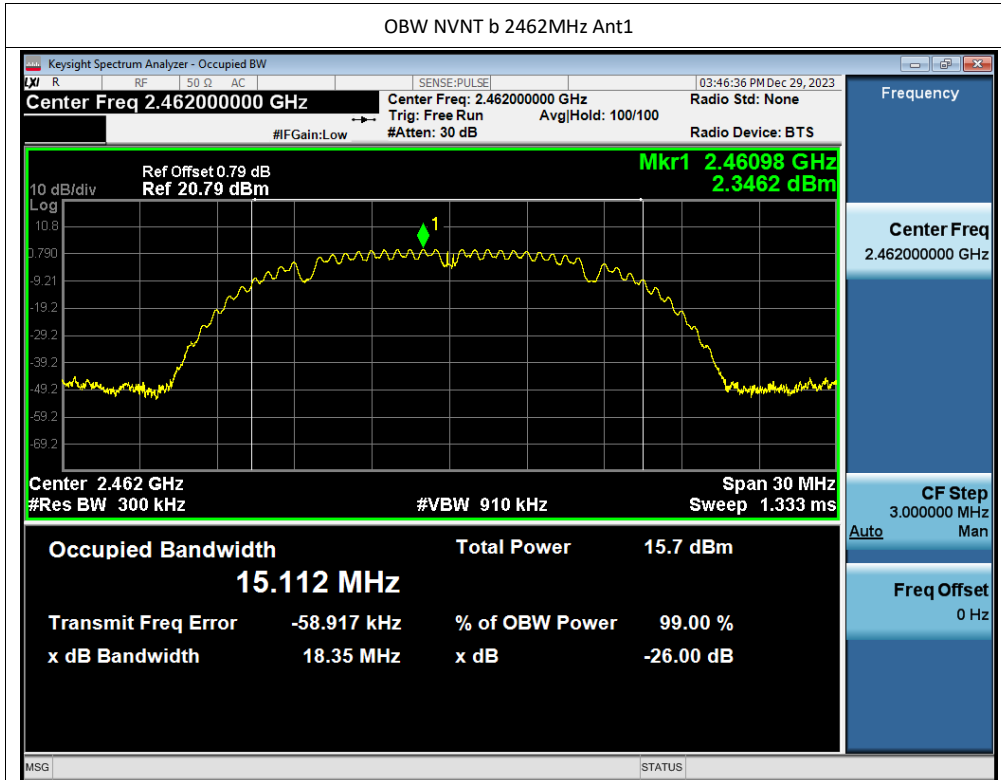
Test Graphs

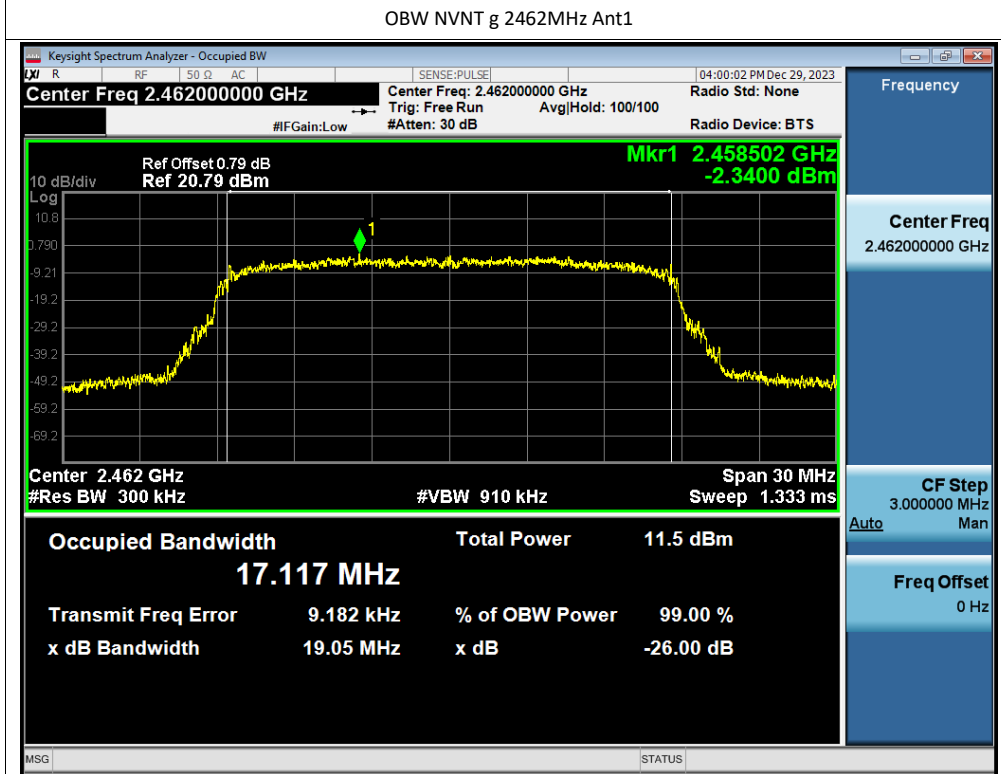
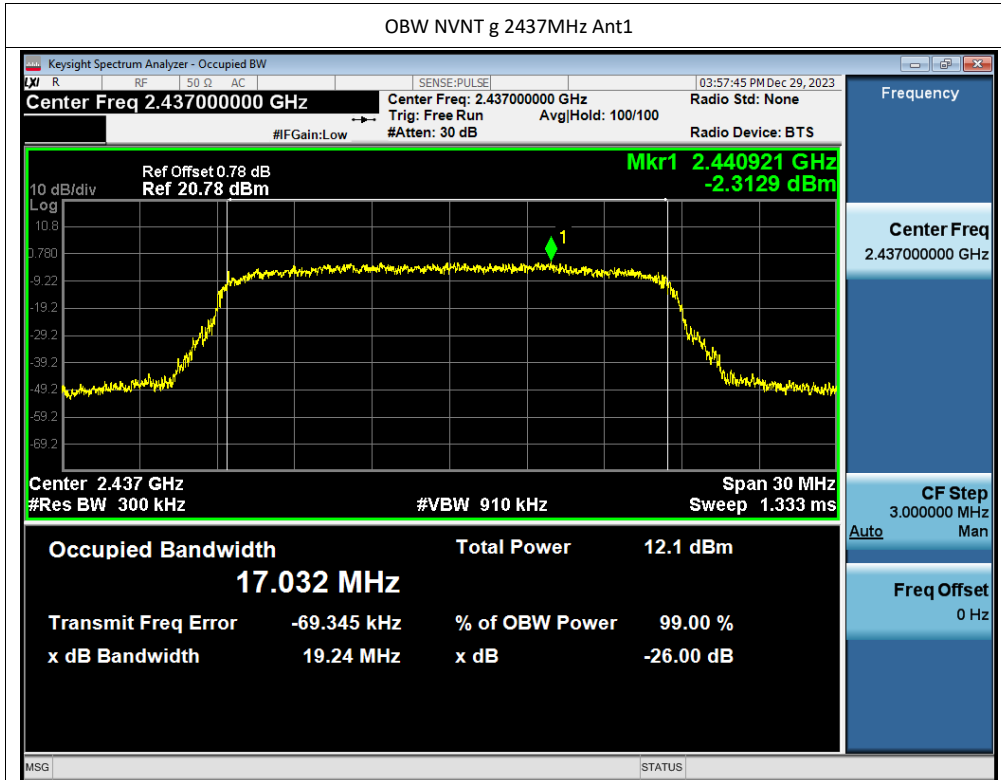
OBW NVNT b 2412MHz Ant1



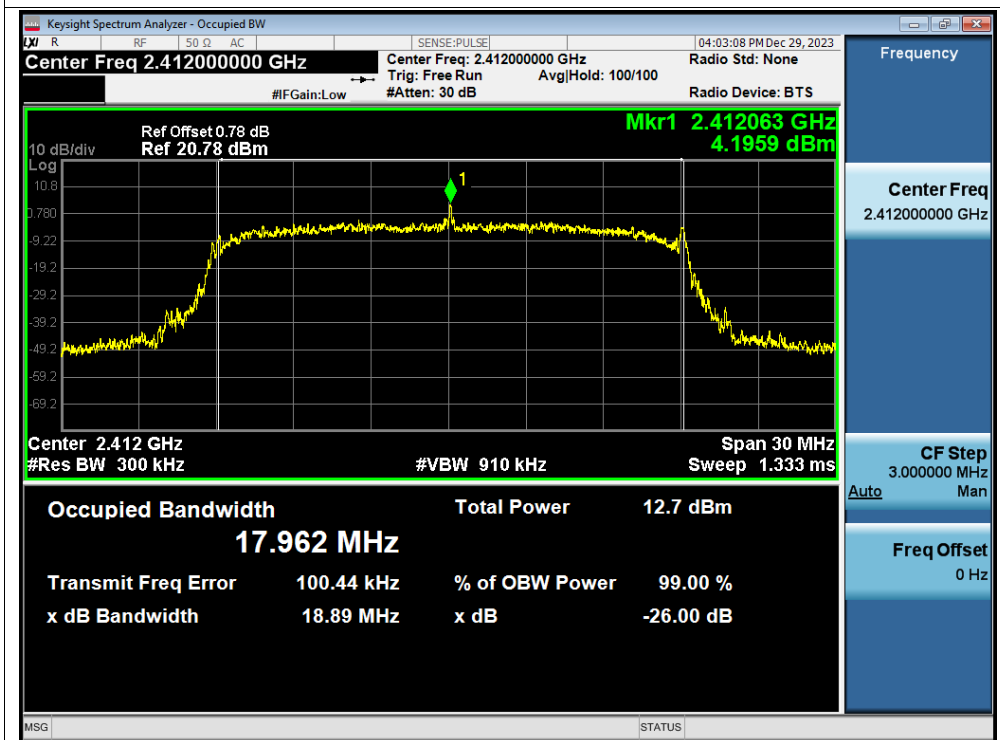
OBW NVNT b 2437MHz Ant1



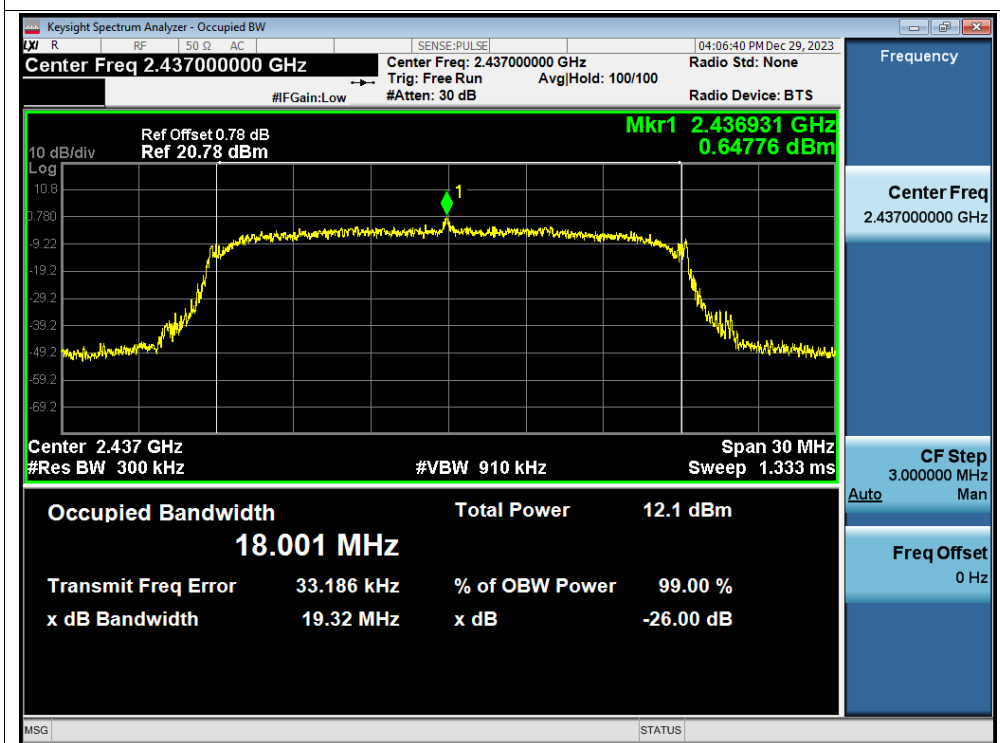


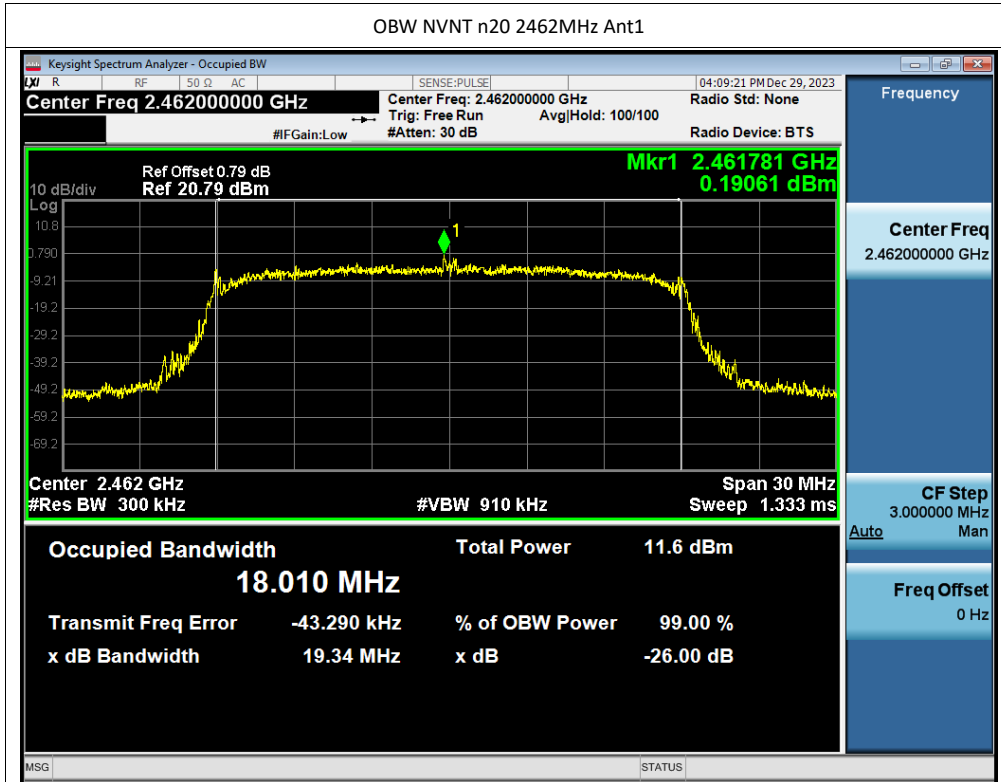


OBV NVNT n20 2412MHz Ant1



OBV NVNT n20 2437MHz Ant1





Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT | b | 2412 | Ant1 | -11.7 | 0 | -11.7 | 8 | Pass |
| NVNT | b | 2437 | Ant1 | -11.23 | 0 | -11.23 | 8 | Pass |
| NVNT | b | 2462 | Ant1 | -12.13 | 0 | -12.13 | 8 | Pass |
| NVNT | g | 2412 | Ant1 | -13.4 | 0 | -13.4 | 8 | Pass |
| NVNT | g | 2437 | Ant1 | -14.58 | 0 | -14.58 | 8 | Pass |
| NVNT | g | 2462 | Ant1 | -15.18 | 0 | -15.18 | 8 | Pass |
| NVNT | n20 | 2412 | Ant1 | -13.74 | 0 | -13.74 | 8 | Pass |
| NVNT | n20 | 2437 | Ant1 | -15.42 | 0 | -15.42 | 8 | Pass |
| NVNT | n20 | 2462 | Ant1 | -14.92 | 0 | -14.92 | 8 | Pass |

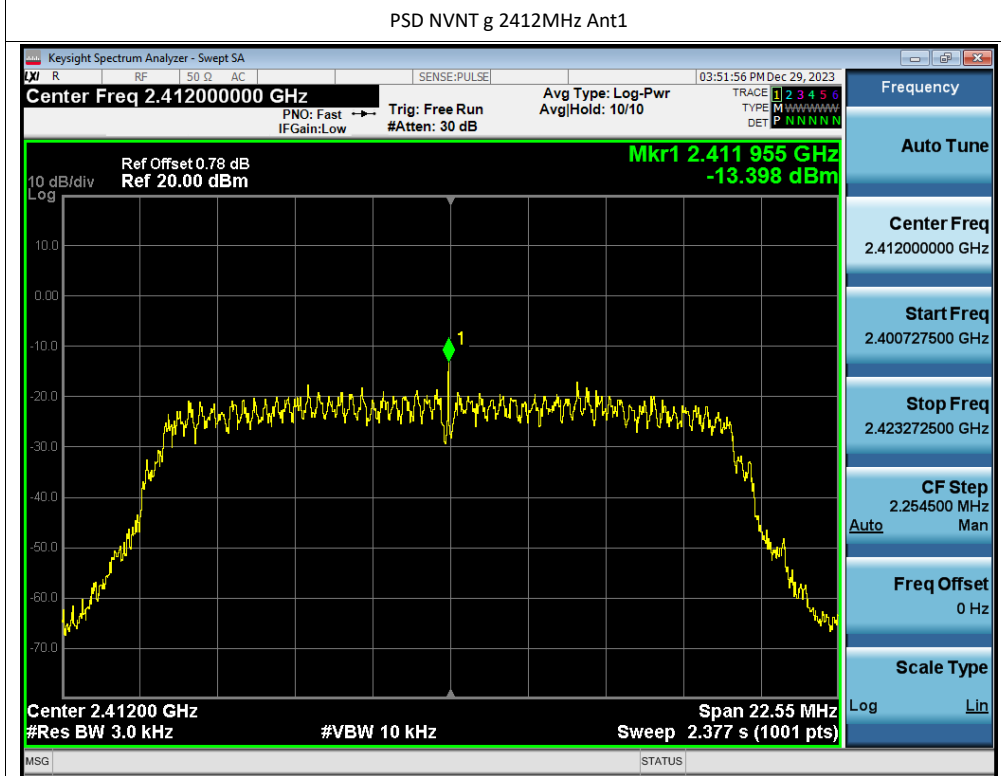
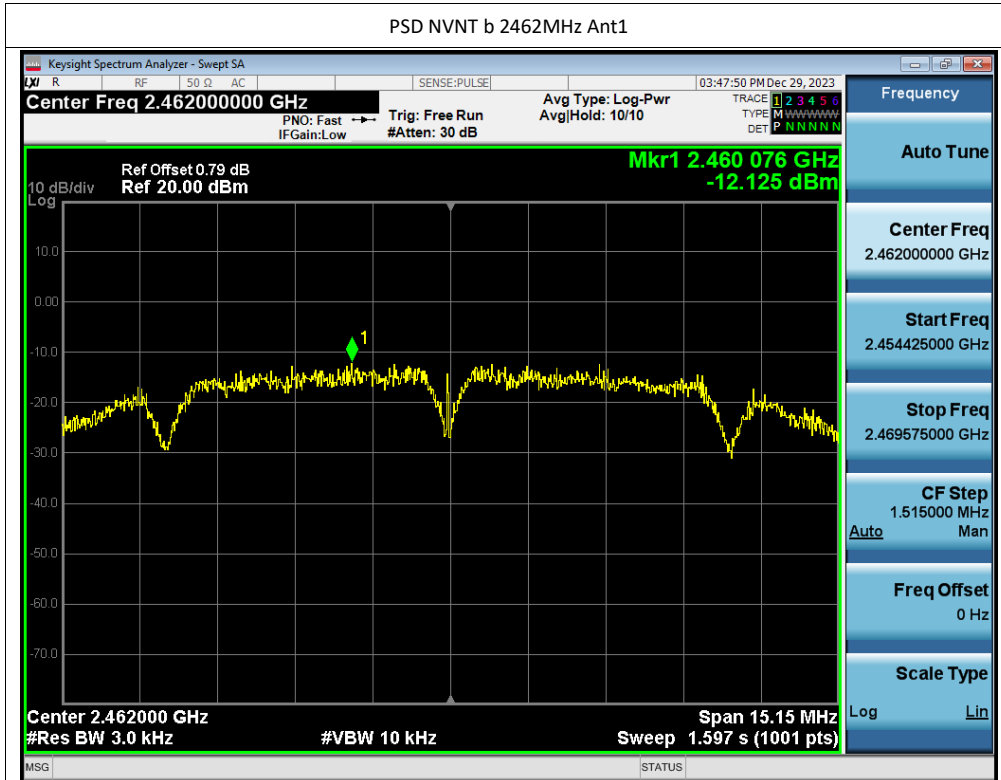
Test Graphs

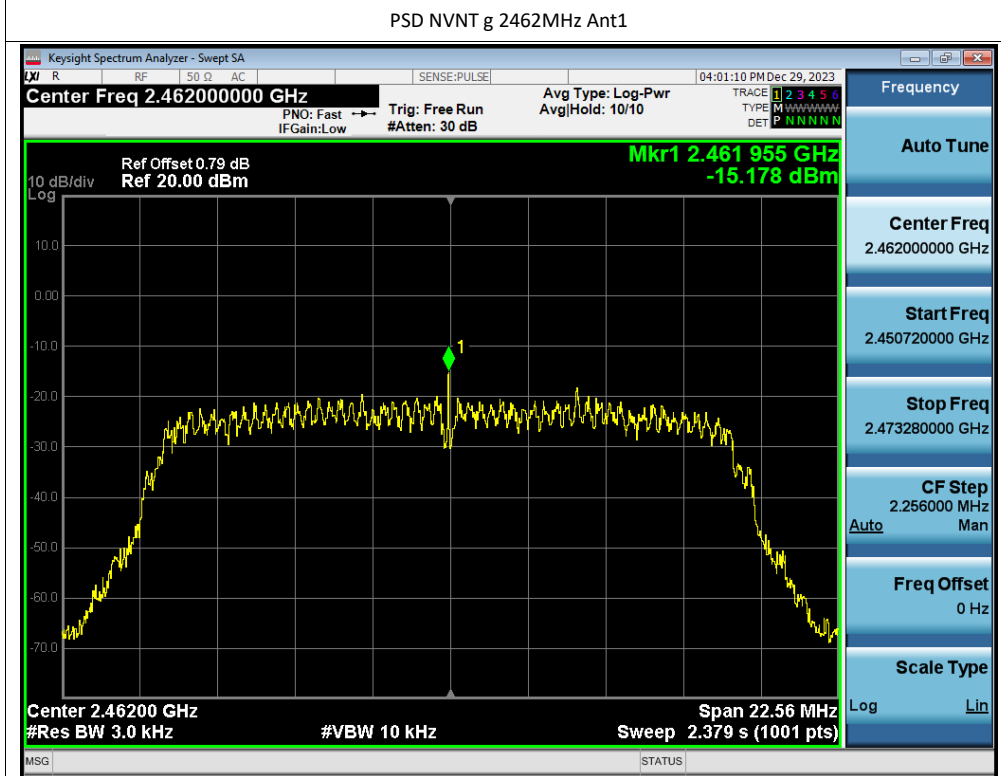
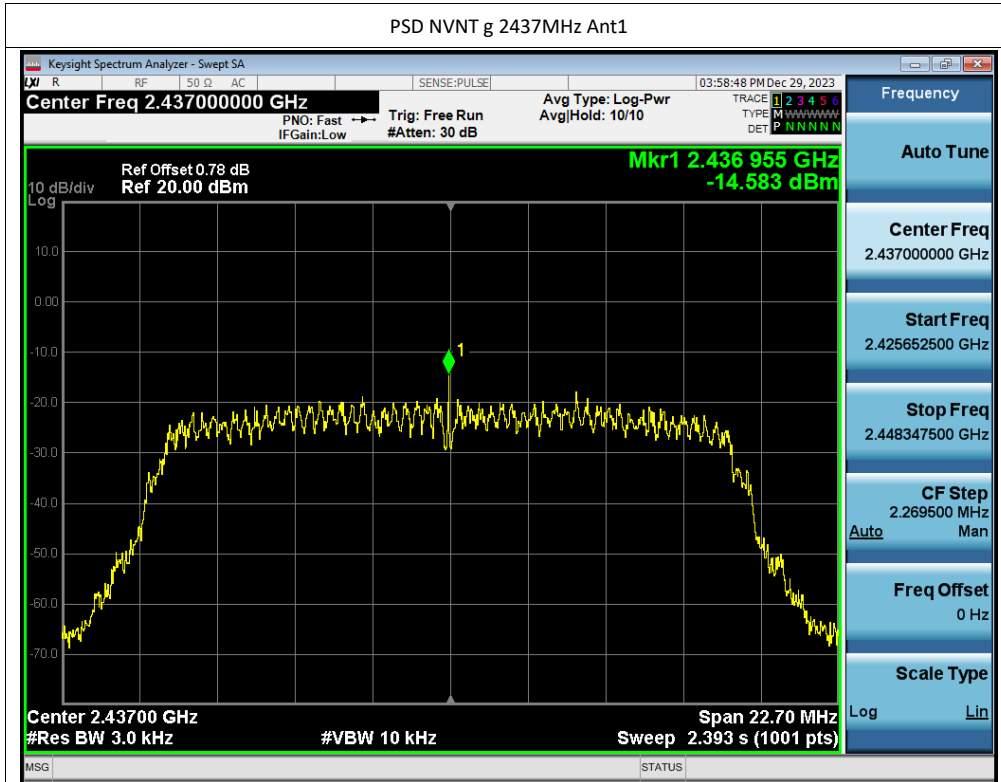
PSD NVNT b 2412MHz Ant1

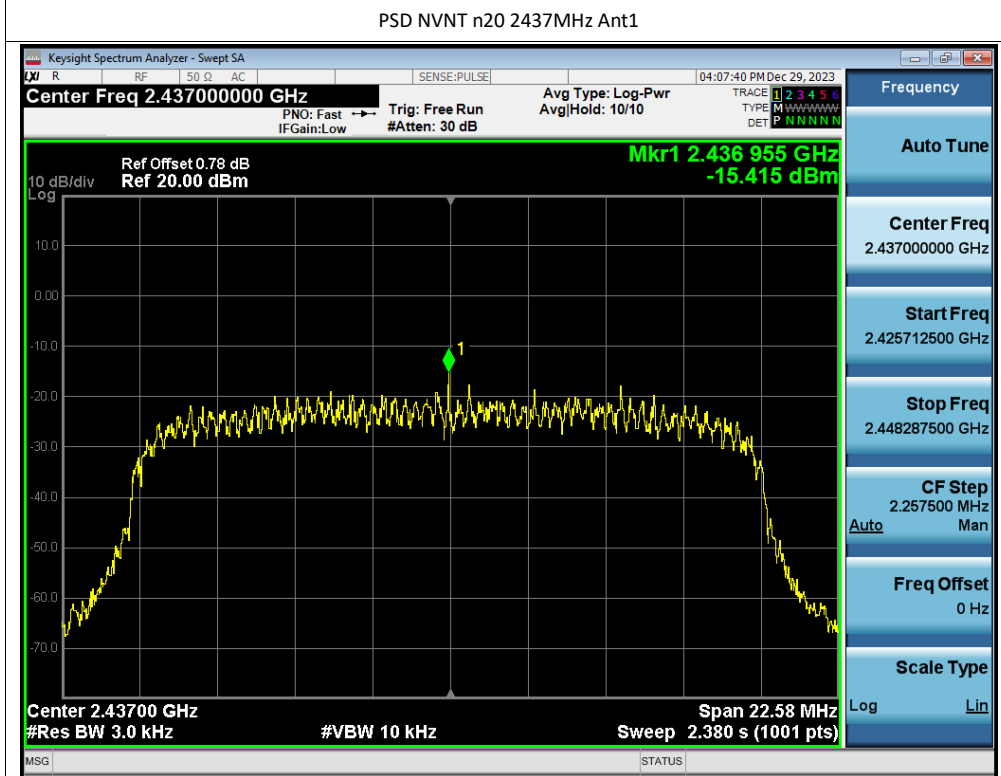
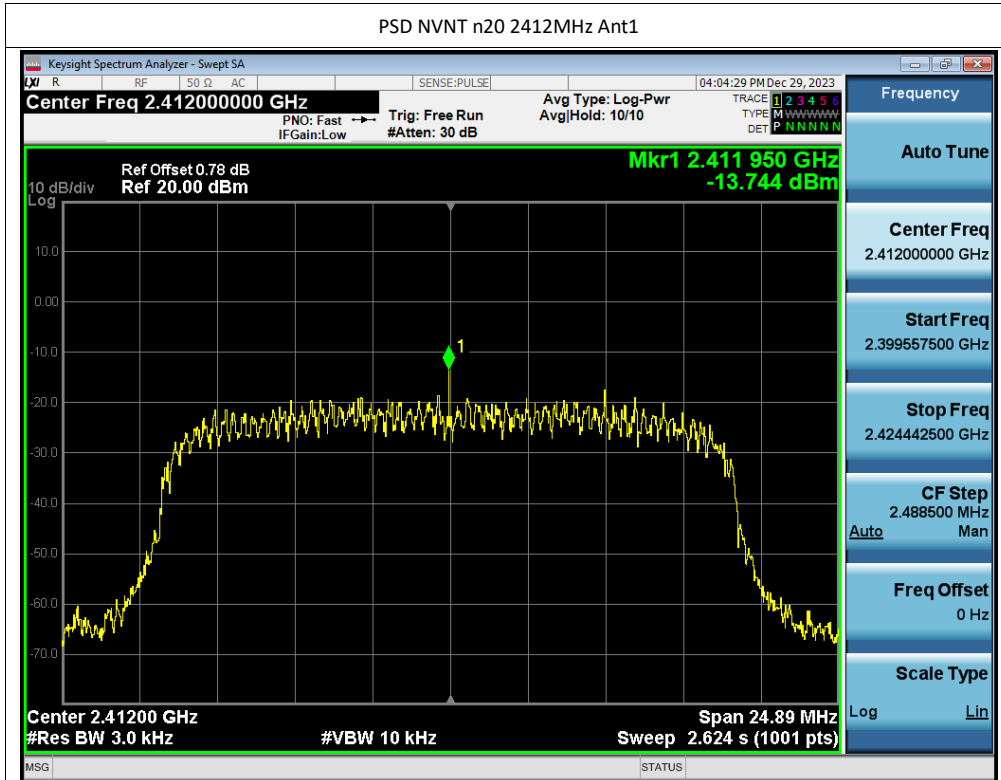


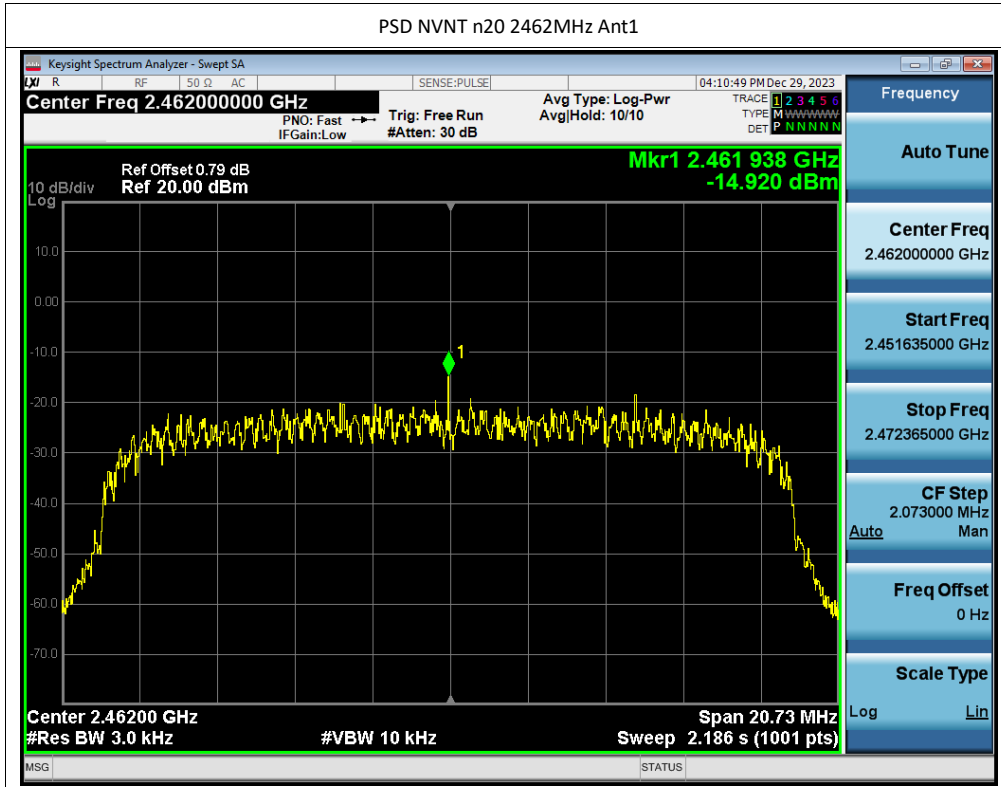
PSD NVNT b 2437MHz Ant1











Band Edge

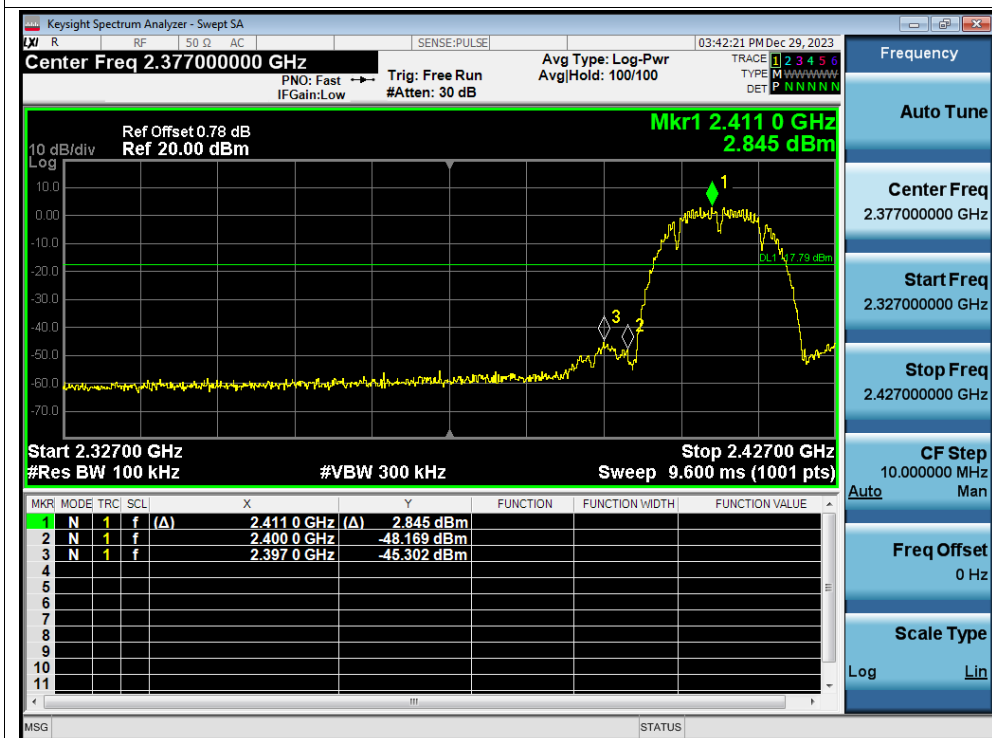
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT | b | 2412 | Ant1 | -47.52 | -20 | Pass |
| NVNT | b | 2462 | Ant1 | -57.41 | -20 | Pass |
| NVNT | g | 2412 | Ant1 | -45.8 | -20 | Pass |
| NVNT | g | 2462 | Ant1 | -50.17 | -20 | Pass |
| NVNT | n20 | 2412 | Ant1 | -46.63 | -20 | Pass |
| NVNT | n20 | 2462 | Ant1 | -53.65 | -20 | Pass |

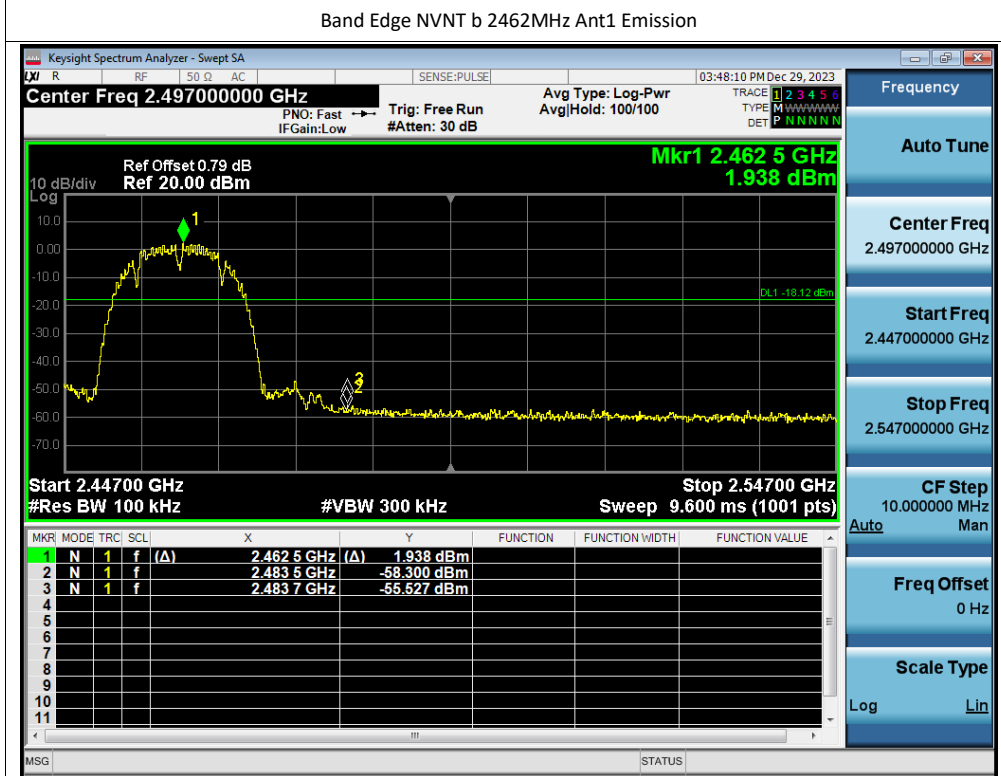
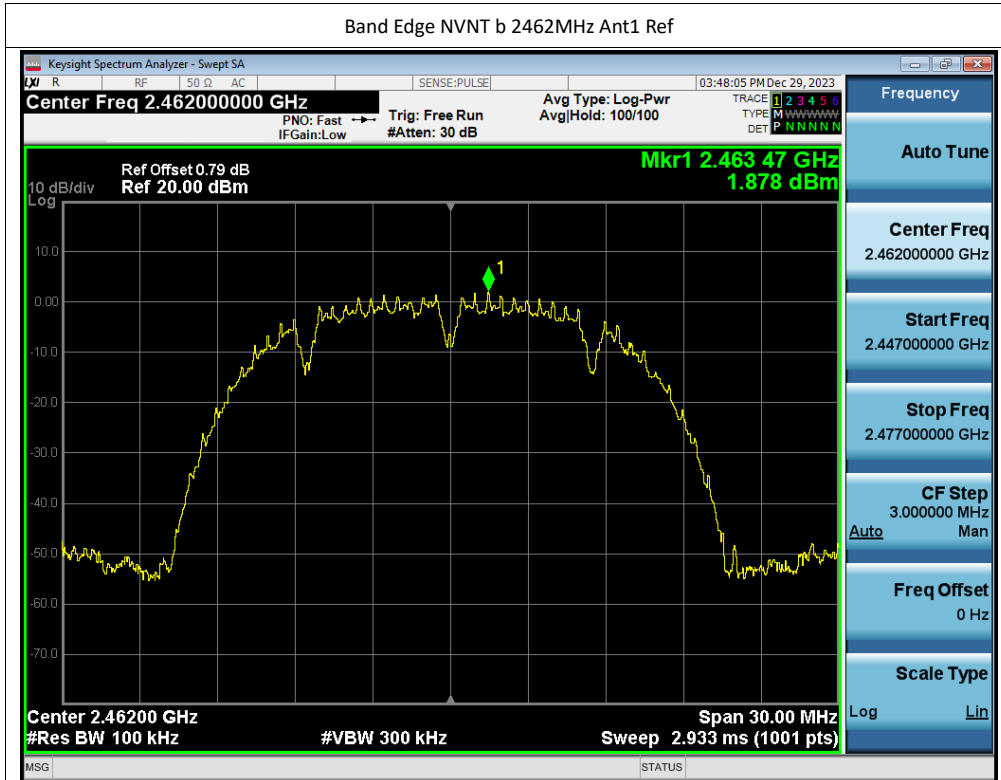
Test Graphs

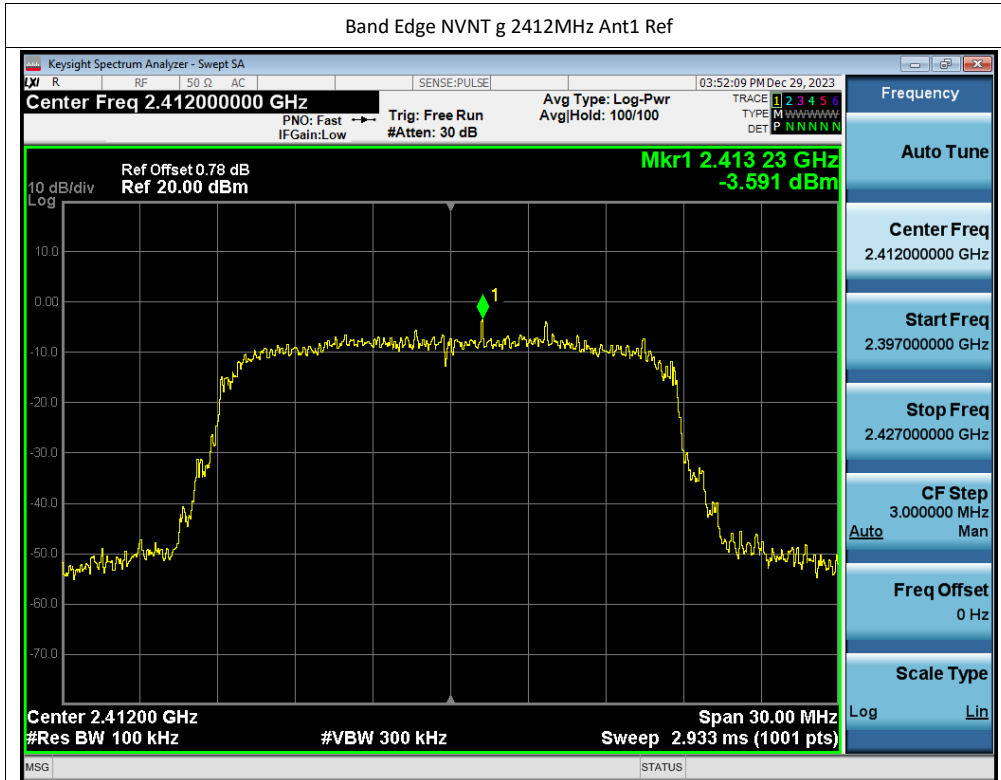
Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



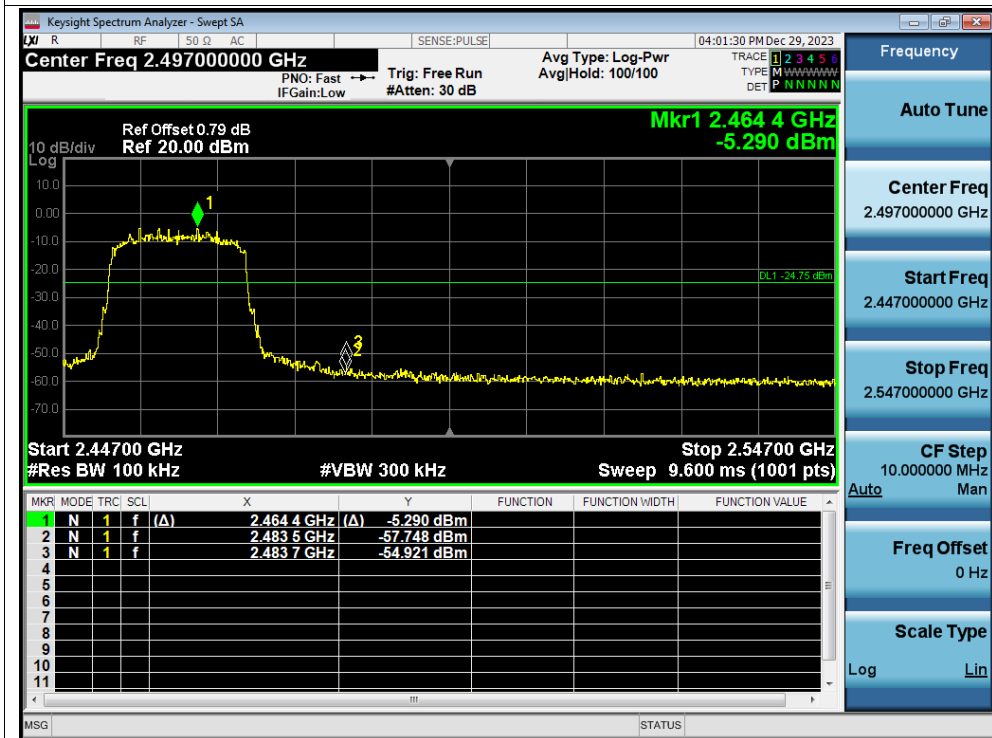


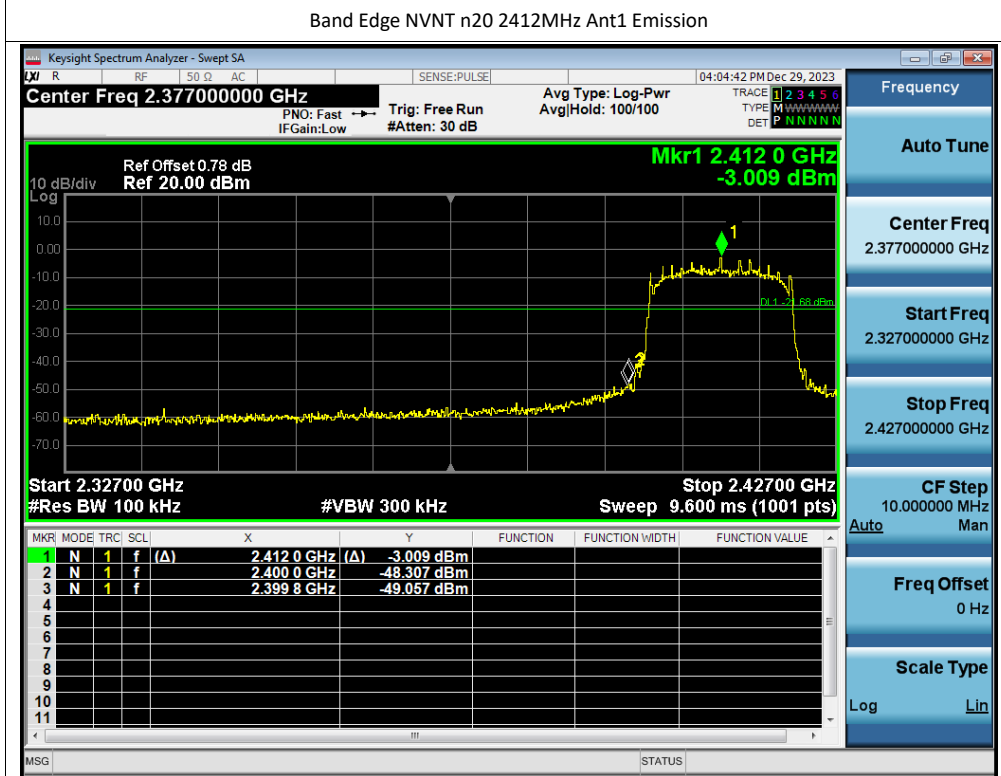


Band Edge NVNT g 2462MHz Ant1 Ref

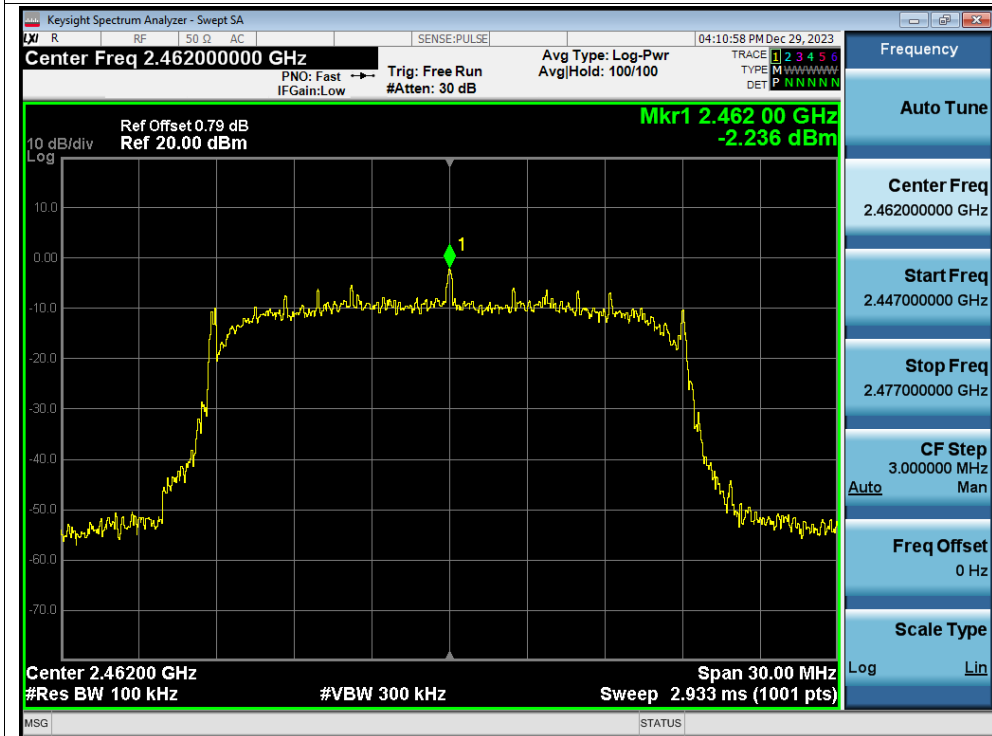


Band Edge NVNT g 2462MHz Ant1 Emission

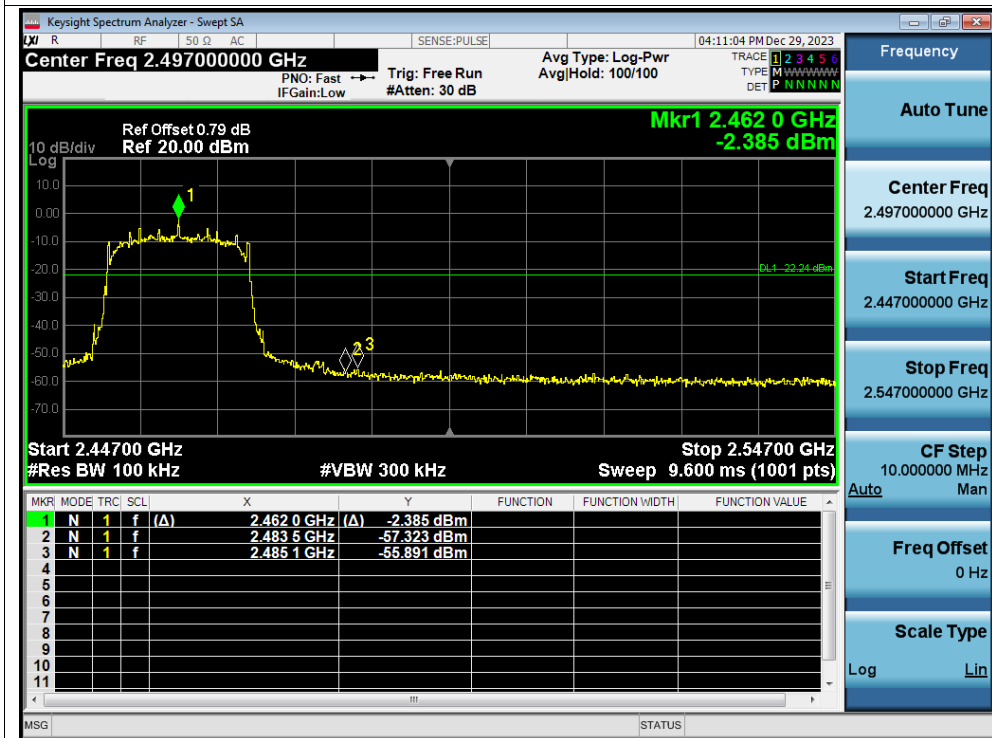




Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



Conducted RF Spurious Emission

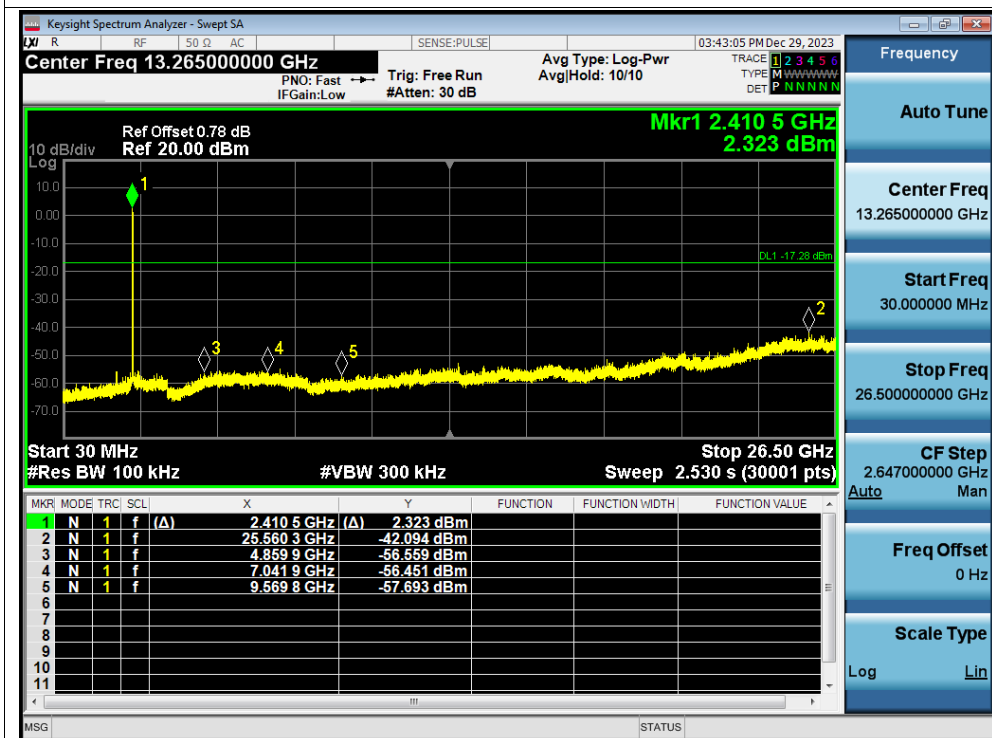
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT | b | 2412 | Ant1 | -44.81 | -20 | Pass |
| NVNT | b | 2437 | Ant1 | -45.79 | -20 | Pass |
| NVNT | b | 2462 | Ant1 | -43.78 | -20 | Pass |
| NVNT | g | 2412 | Ant1 | -38.45 | -20 | Pass |
| NVNT | g | 2437 | Ant1 | -37.62 | -20 | Pass |
| NVNT | g | 2462 | Ant1 | -37.95 | -20 | Pass |
| NVNT | n20 | 2412 | Ant1 | -38.92 | -20 | Pass |
| NVNT | n20 | 2437 | Ant1 | -38.47 | -20 | Pass |
| NVNT | n20 | 2462 | Ant1 | -40.92 | -20 | Pass |

Test Graphs

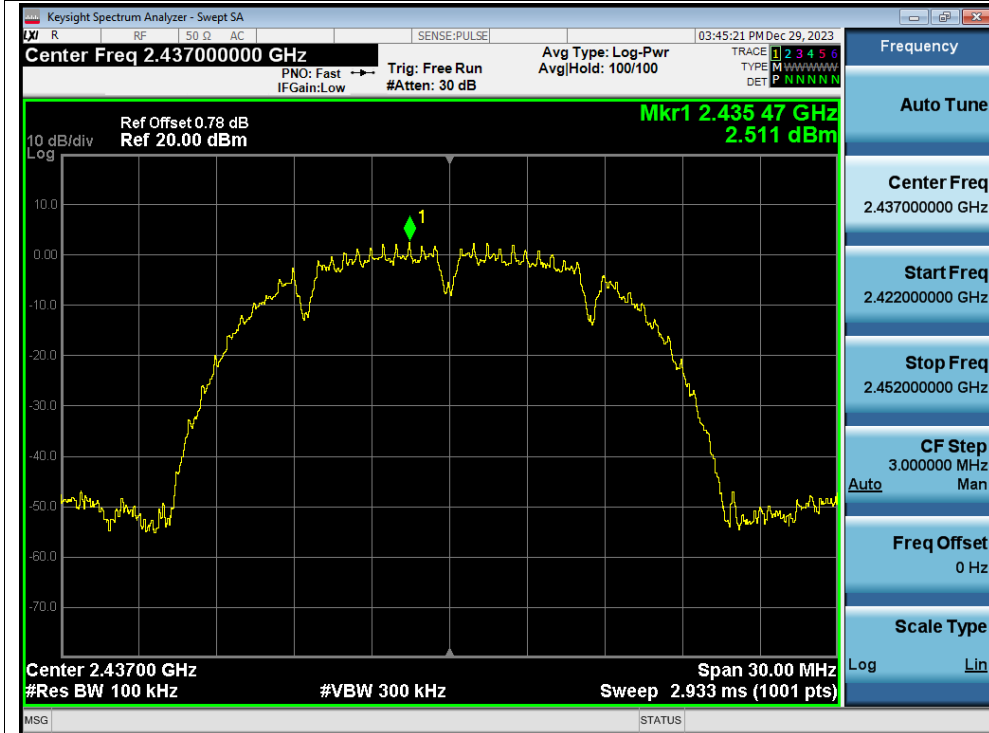
Tx. Spurious NVNT b 2412MHz Ant1 Ref



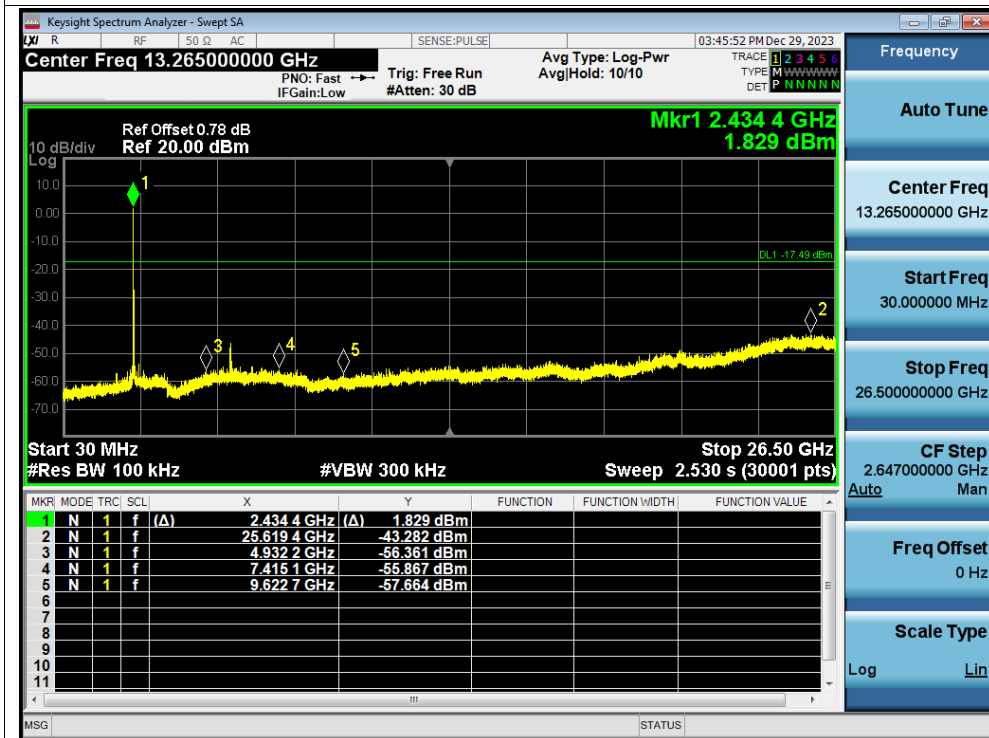
Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref



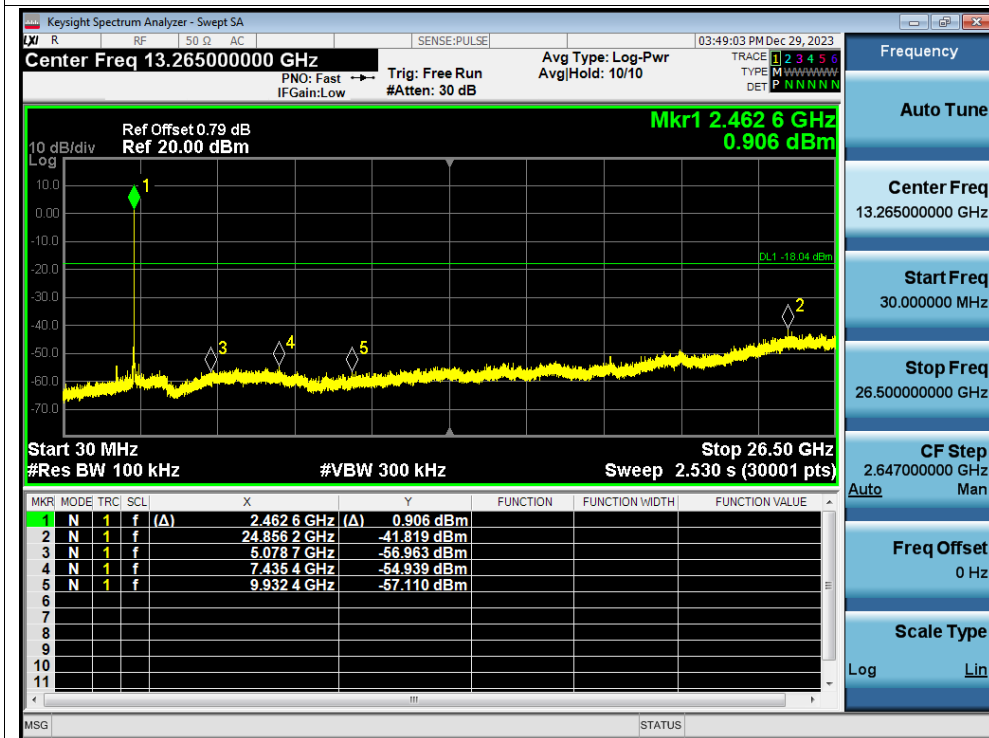
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



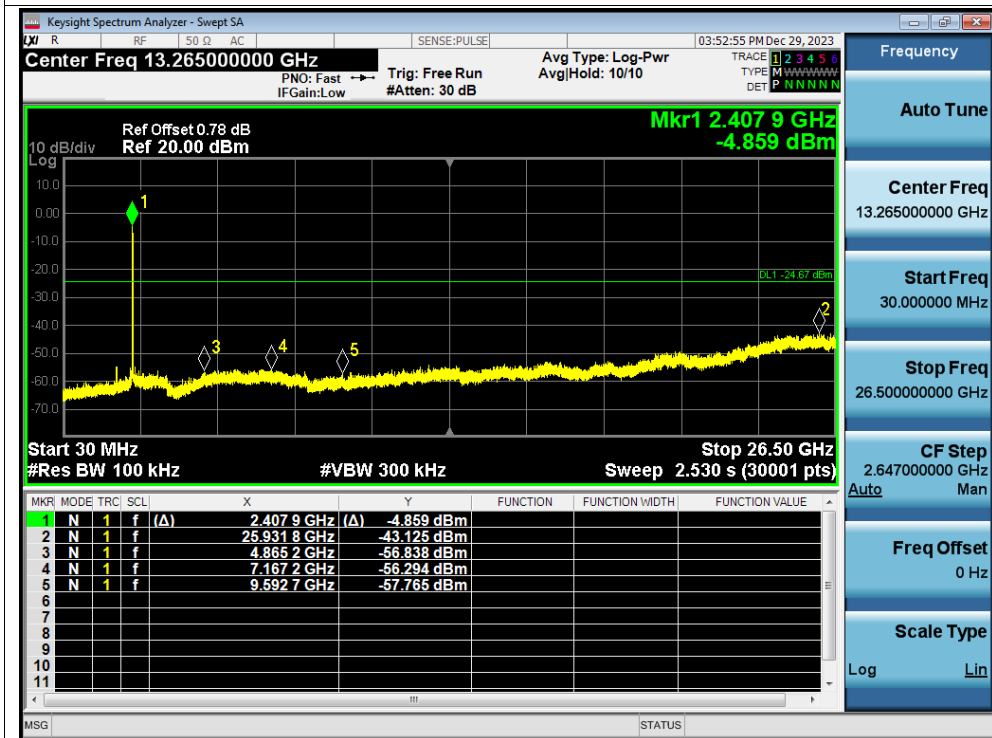
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



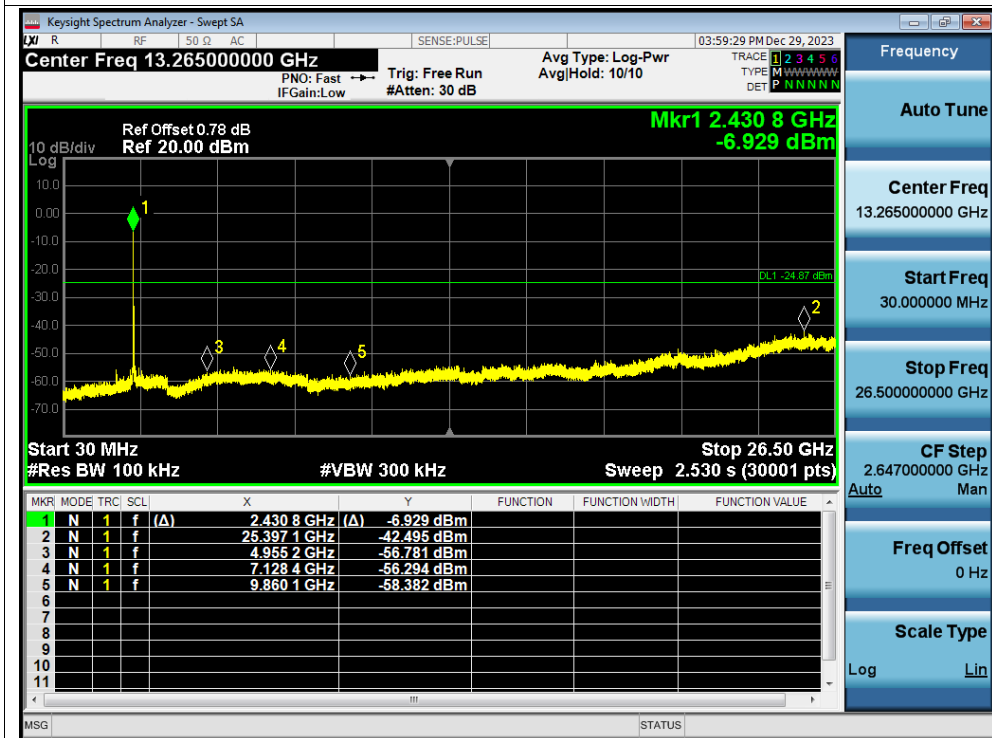
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Ref



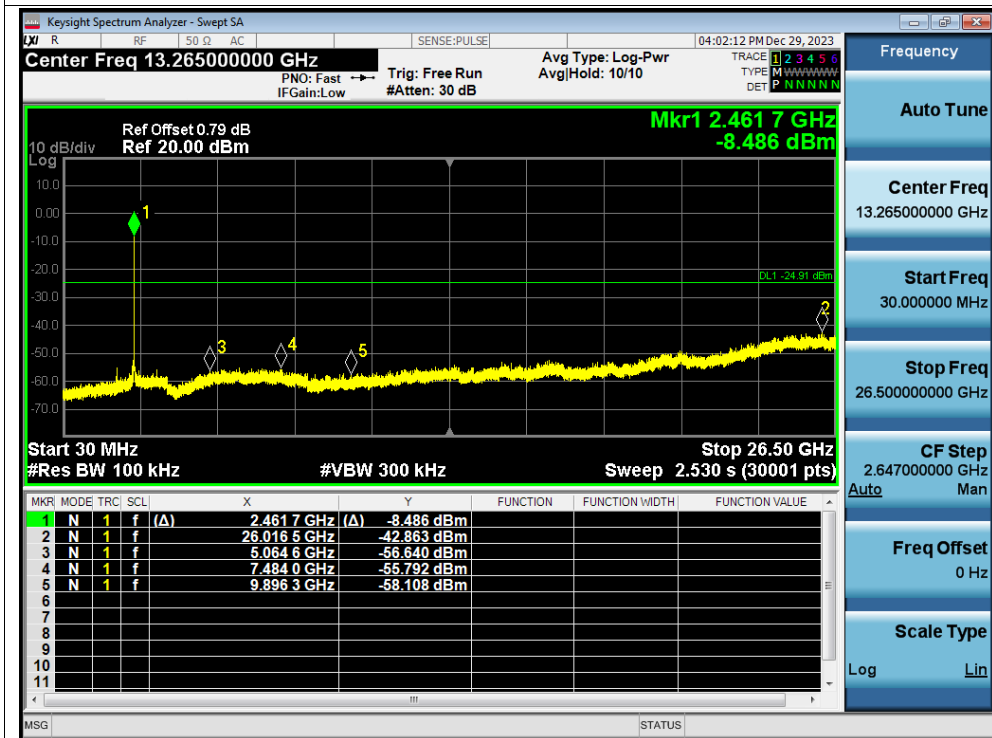
Tx. Spurious NVNT g 2437MHz Ant1 Emission



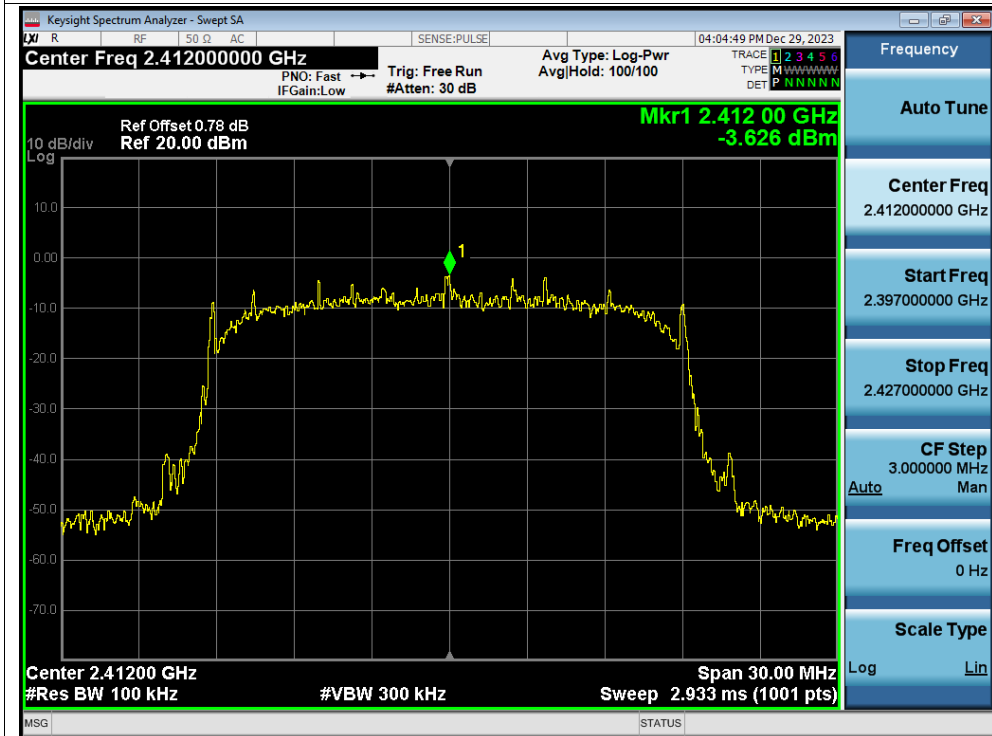
Tx. Spurious NVNT g 2462MHz Ant1 Ref



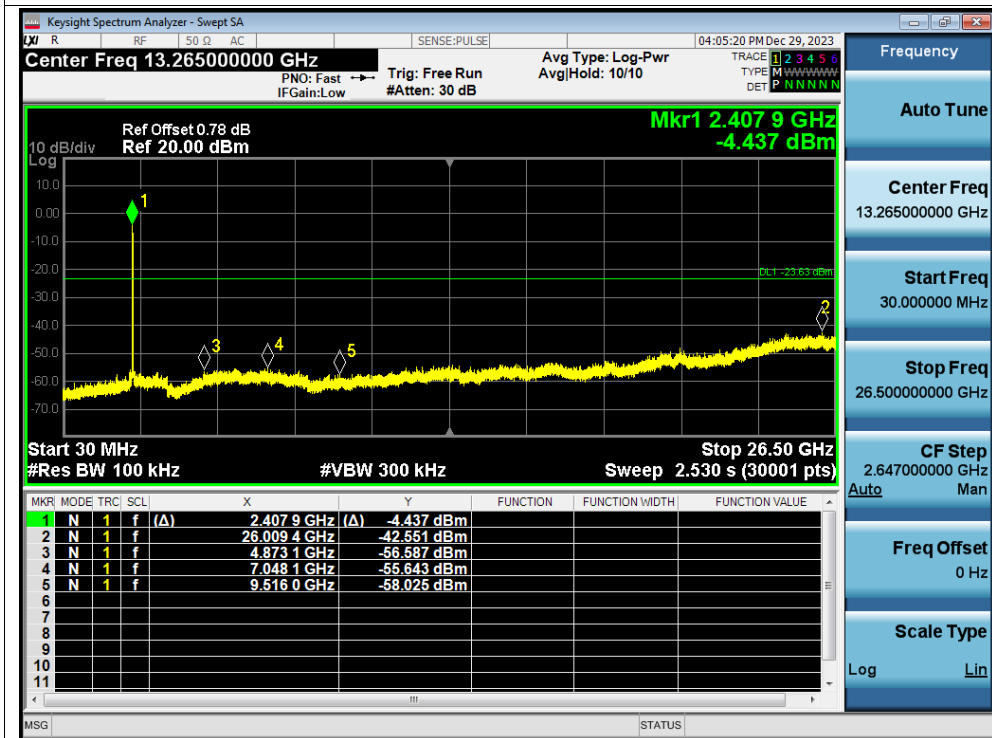
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



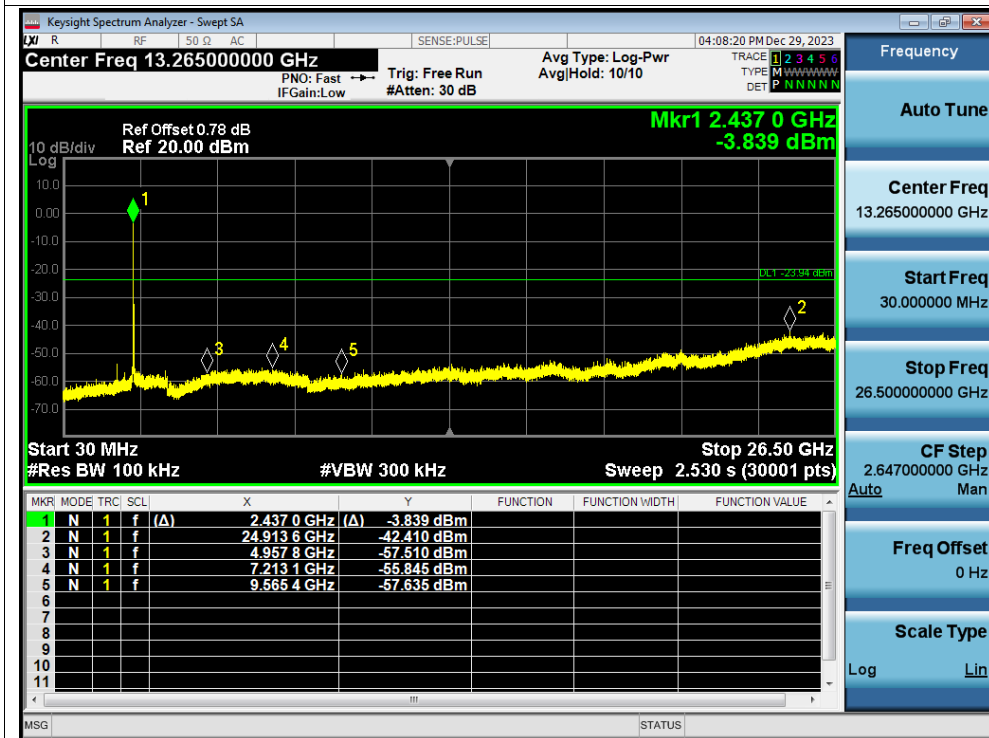
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref



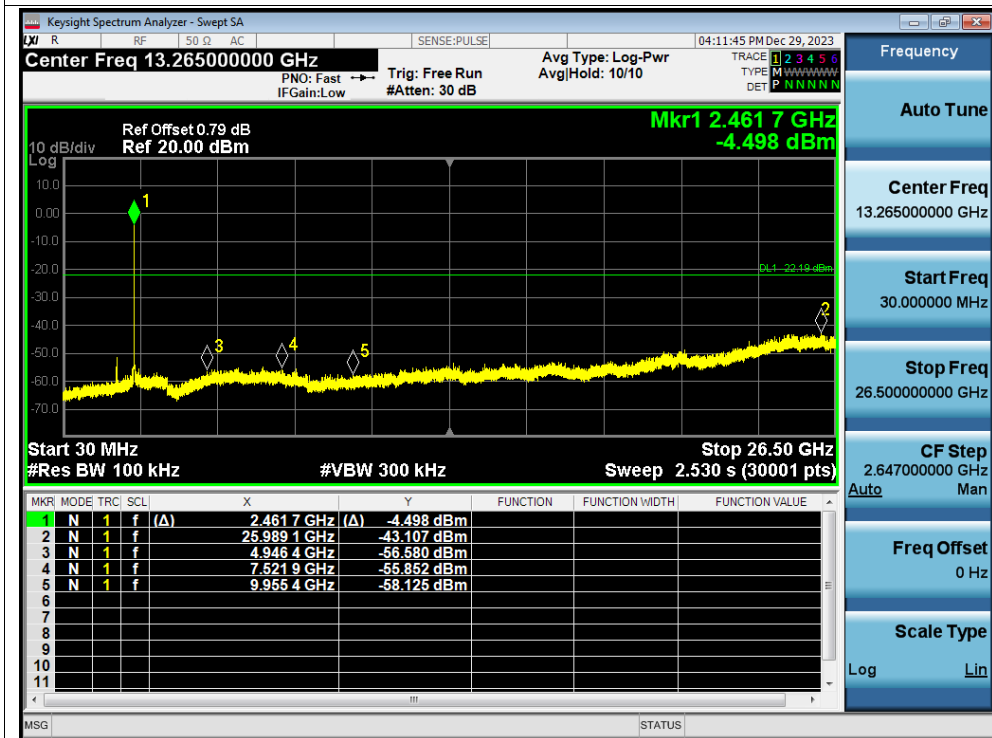
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref

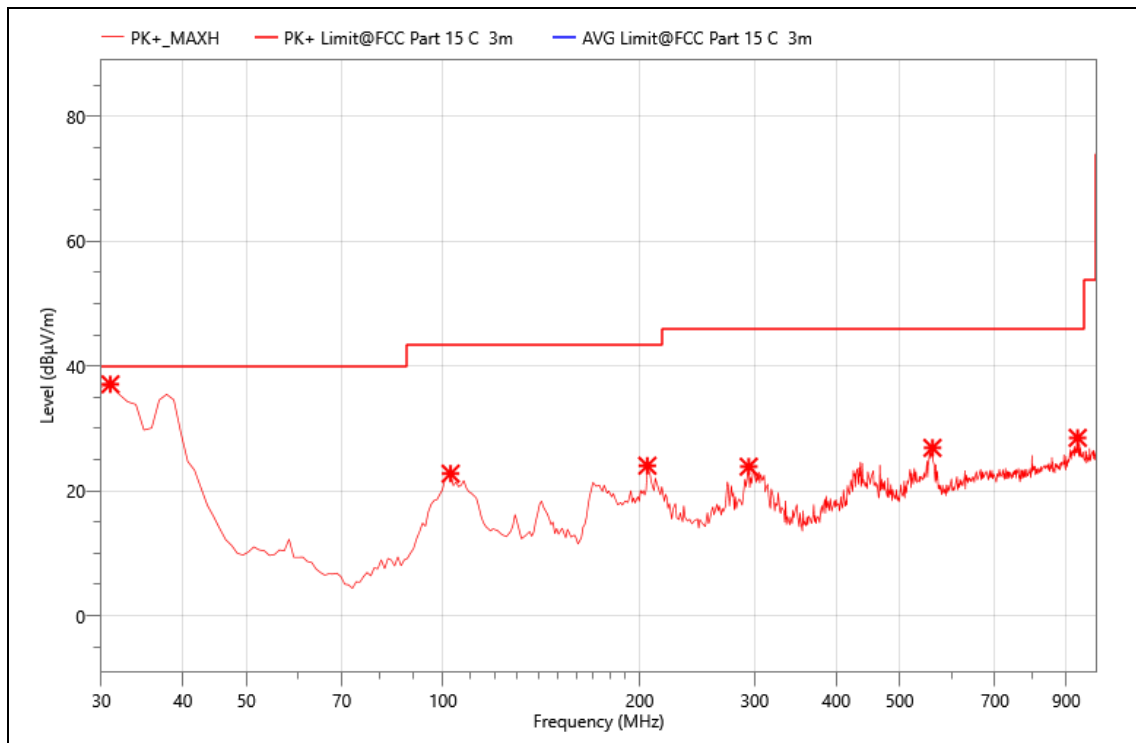


Tx. Spurious NVNT n20 2462MHz Ant1 Emission



- Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)
The worst result as bellow:

| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |

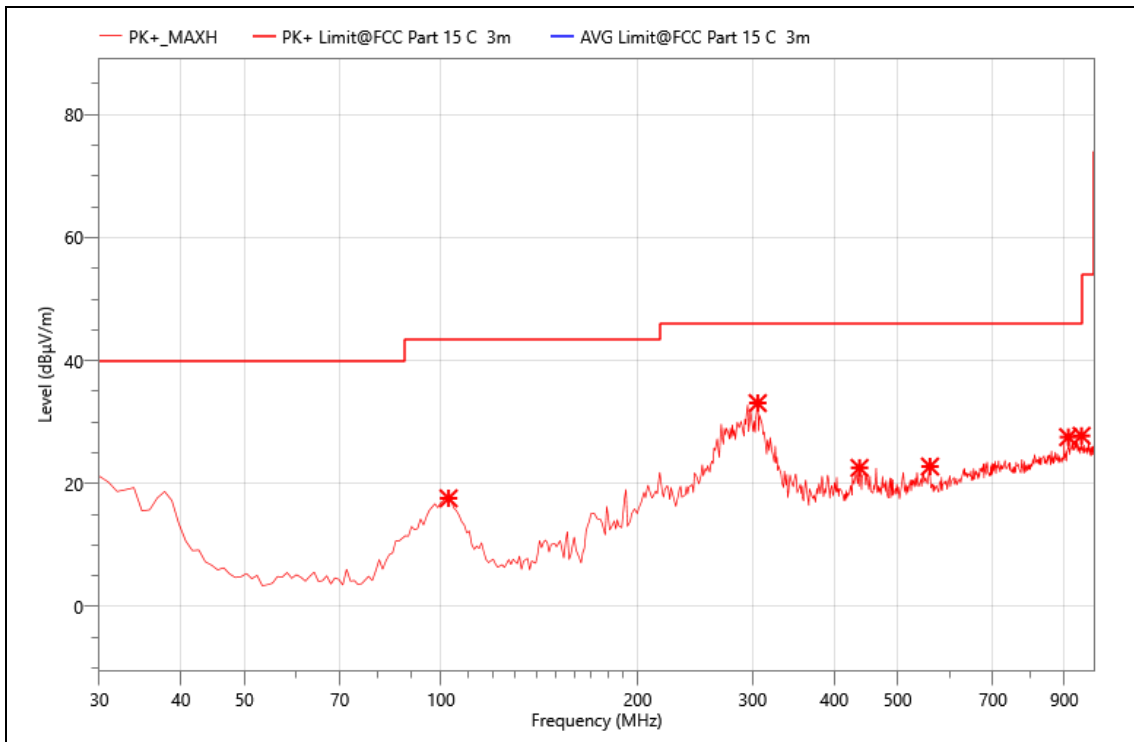


Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 30.970 | 51.88 | -14.8 | 37.08 | 40.00 | 2.92 | PK+ | V |
| 2 | 102.750 | 46.51 | -23.76 | 22.75 | 43.50 | 20.75 | PK+ | V |
| 3 | 205.570 | 45.71 | -21.69 | 24.02 | 43.50 | 19.48 | PK+ | V |
| 4 | 293.840 | 42.98 | -19.1 | 23.88 | 46.00 | 22.12 | PK+ | V |
| 5 | 561.560 | 37.32 | -10.43 | 26.89 | 46.00 | 19.11 | PK+ | V |
| 6 | 936.950 | 31.66 | -3.17 | 28.49 | 46.00 | 17.51 | PK+ | V |

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



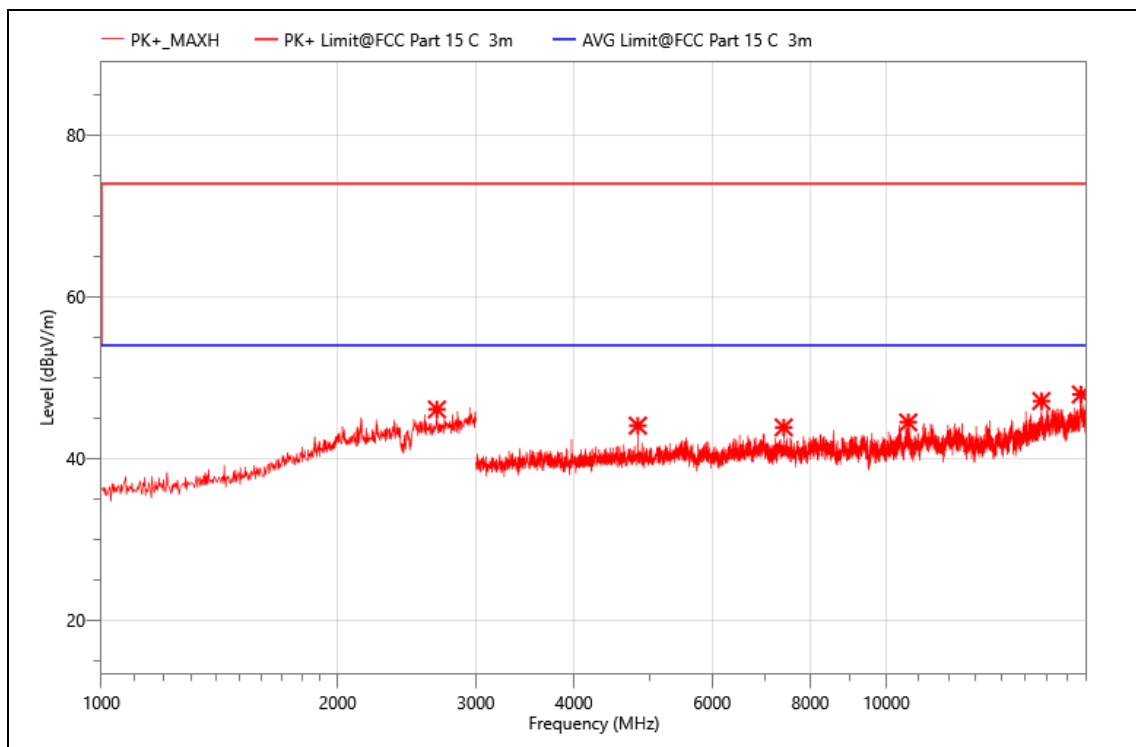
Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 102.750 | 41.37 | -23.76 | 17.61 | 43.50 | 25.89 | PK+ | H |
| 2 | 305.480 | 51.72 | -18.62 | 33.10 | 46.00 | 12.90 | PK+ | H |
| 3 | 437.400 | 36.83 | -14.26 | 22.57 | 46.00 | 23.43 | PK+ | H |
| 4 | 560.590 | 33.14 | -10.36 | 22.78 | 46.00 | 23.22 | PK+ | H |
| 5 | 912.700 | 31.74 | -4.17 | 27.57 | 46.00 | 18.43 | PK+ | H |
| 6 | 956.350 | 31.49 | -3.71 | 27.78 | 46.00 | 18.22 | PK+ | H |

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

- Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)
The worst result as bellow:

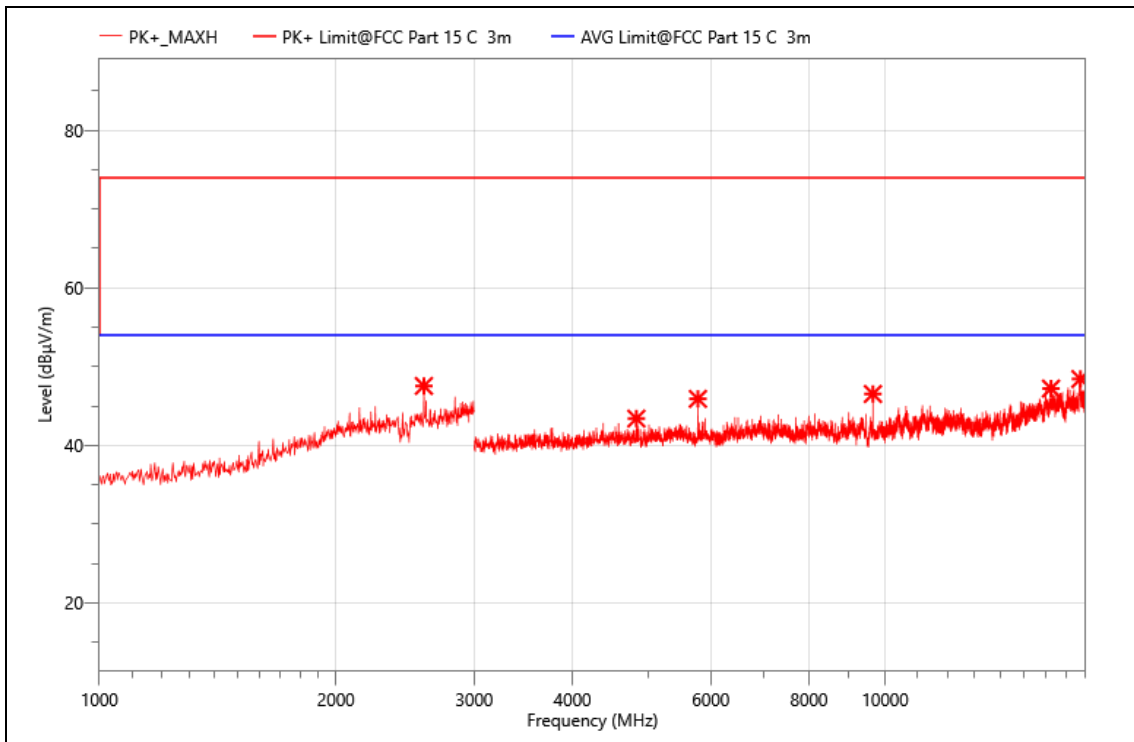
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2676.000 | 54.48 | -8.42 | 46.06 | 74.00 | 27.94 | PK+ | V |
| 2 | 4824.000 | 55.52 | -11.47 | 44.05 | 74.00 | 29.95 | PK+ | V |
| 3 | 7401.000 | 51.99 | -8.16 | 43.83 | 74.00 | 30.17 | PK+ | V |
| 4 | 10665.000 | 49.66 | -5.2 | 44.46 | 74.00 | 29.54 | PK+ | V |
| 5 | 15760.500 | 49.38 | -2.29 | 47.09 | 74.00 | 26.91 | PK+ | V |
| 6 | 17695.500 | 47.70 | 0.21 | 47.91 | 74.00 | 26.09 | PK+ | V |

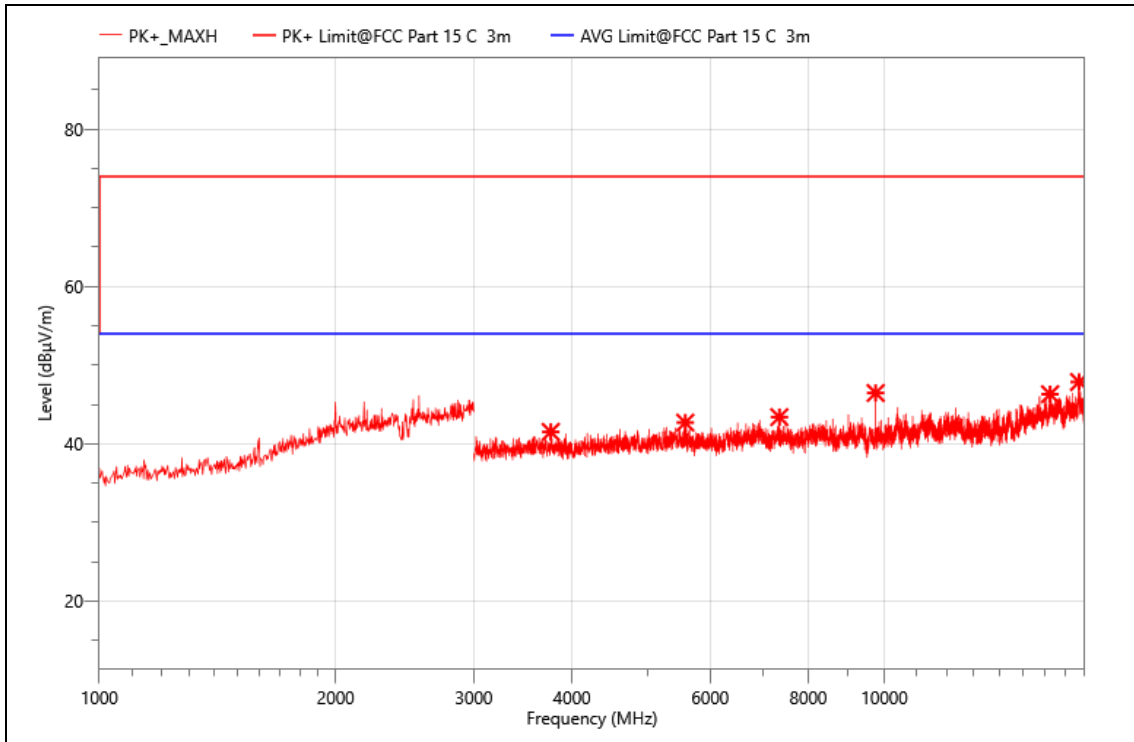
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2588.000 | 55.63 | -8.09 | 47.54 | 74.00 | 26.46 | PK+ | H |
| 2 | 4824.000 | 54.87 | -11.47 | 43.40 | 74.00 | 30.60 | PK+ | H |
| 3 | 5776.500 | 55.03 | -9.13 | 45.90 | 74.00 | 28.10 | PK+ | H |
| 4 | 9648.000 | 53.30 | -6.78 | 46.52 | 74.00 | 27.48 | PK+ | H |
| 5 | 16261.500 | 48.10 | -0.89 | 47.21 | 74.00 | 26.79 | PK+ | H |
| 6 | 17722.500 | 48.72 | -0.3 | 48.42 | 74.00 | 25.58 | PK+ | H |

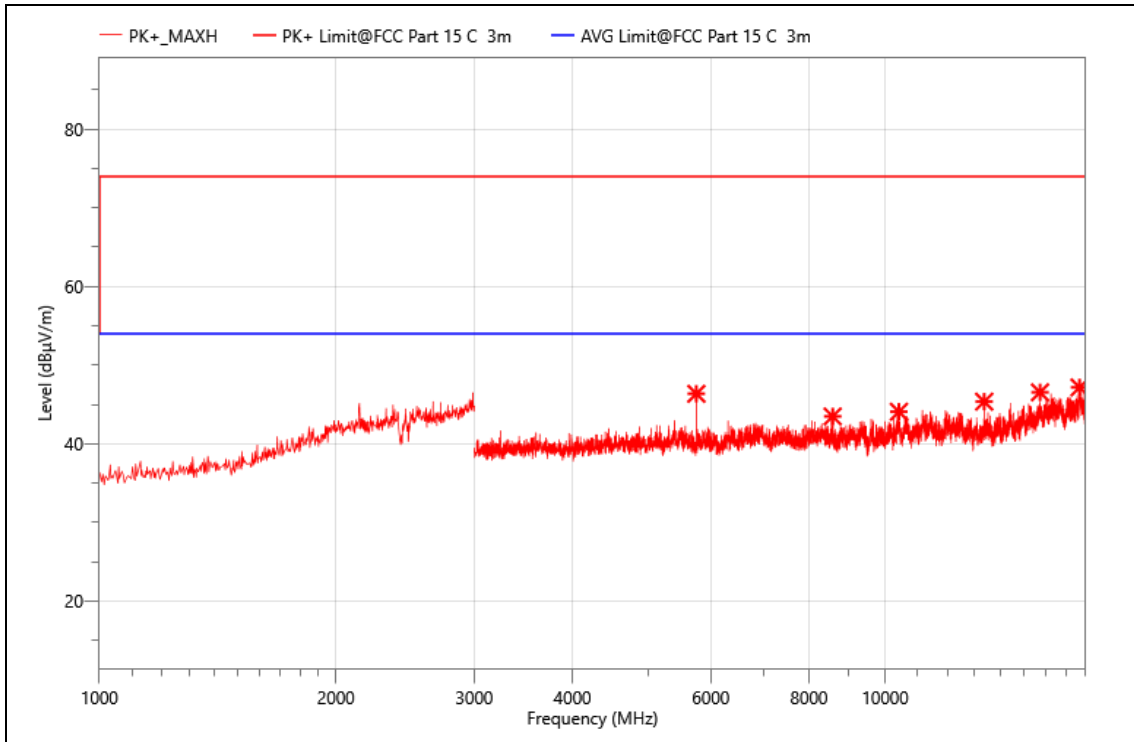
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2437 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 3759.000 | 54.97 | -13.46 | 41.51 | 74.00 | 32.49 | PK+ | H |
| 2 | 5577.000 | 51.91 | -9.22 | 42.69 | 74.00 | 31.31 | PK+ | H |
| 3 | 7350.000 | 51.58 | -8.19 | 43.39 | 74.00 | 30.61 | PK+ | H |
| 4 | 9748.500 | 53.04 | -6.59 | 46.45 | 74.00 | 27.55 | PK+ | H |
| 5 | 16260.000 | 47.15 | -0.85 | 46.30 | 74.00 | 27.70 | PK+ | H |
| 6 | 17704.500 | 47.77 | 0.08 | 47.85 | 74.00 | 26.15 | PK+ | H |

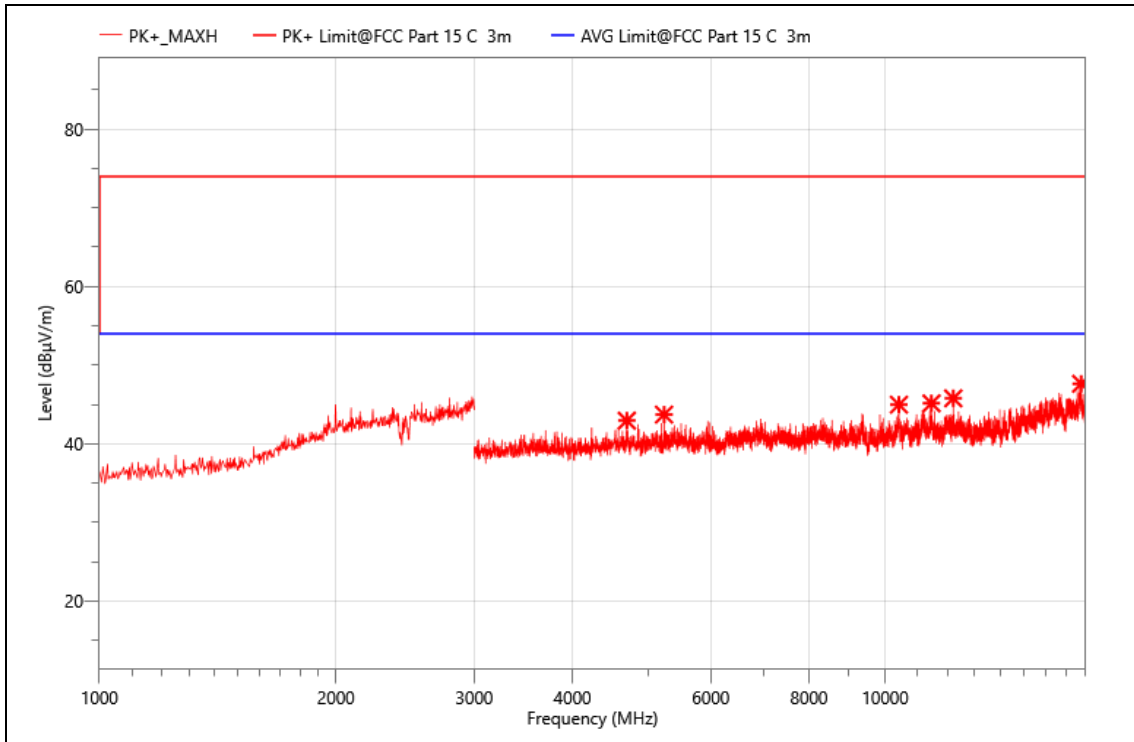
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2437 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 5751.000 | 55.75 | -9.4 | 46.35 | 74.00 | 27.65 | PK+ | V |
| 2 | 8575.500 | 51.38 | -7.9 | 43.48 | 74.00 | 30.52 | PK+ | V |
| 3 | 10411.500 | 49.58 | -5.51 | 44.07 | 74.00 | 29.93 | PK+ | V |
| 4 | 13369.500 | 49.40 | -4.05 | 45.35 | 74.00 | 28.65 | PK+ | V |
| 5 | 15742.500 | 48.89 | -2.35 | 46.54 | 74.00 | 27.46 | PK+ | V |
| 6 | 17679.000 | 46.87 | 0.29 | 47.16 | 74.00 | 26.84 | PK+ | V |

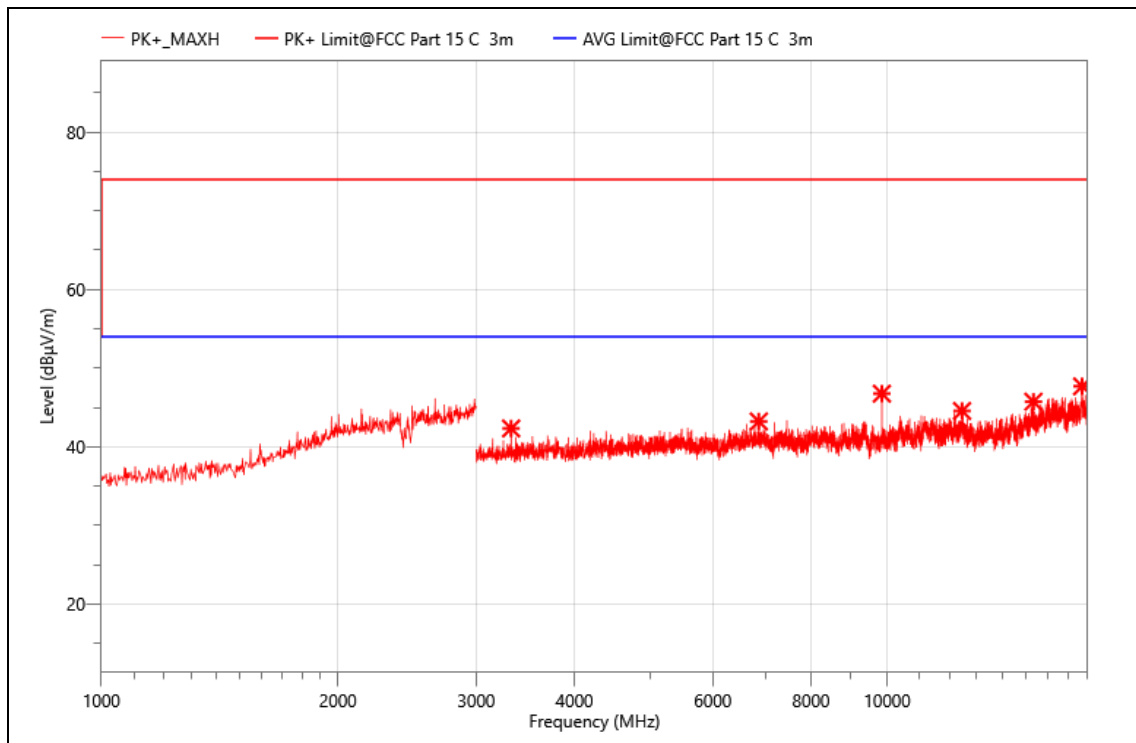
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2462 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 4690.500 | 54.49 | -11.55 | 42.94 | 74.00 | 31.06 | PK+ | V |
| 2 | 5232.000 | 53.89 | -10.18 | 43.71 | 74.00 | 30.29 | PK+ | V |
| 3 | 10413.000 | 50.48 | -5.51 | 44.97 | 74.00 | 29.03 | PK+ | V |
| 4 | 11454.000 | 49.57 | -4.43 | 45.14 | 74.00 | 28.86 | PK+ | V |
| 5 | 12211.500 | 50.28 | -4.5 | 45.78 | 74.00 | 28.22 | PK+ | V |
| 6 | 17763.000 | 48.10 | -0.48 | 47.62 | 74.00 | 26.38 | PK+ | V |

| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2462 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 3322.500 | 56.75 | -14.42 | 42.33 | 74.00 | 31.67 | PK+ | H |
| 2 | 6865.500 | 51.40 | -8.18 | 43.22 | 74.00 | 30.78 | PK+ | H |
| 3 | 9847.500 | 53.65 | -6.9 | 46.75 | 74.00 | 27.25 | PK+ | H |
| 4 | 12456.000 | 49.40 | -4.85 | 44.55 | 74.00 | 29.45 | PK+ | H |
| 5 | 15354.000 | 48.73 | -3 | 45.73 | 74.00 | 28.27 | PK+ | H |
| 6 | 17709.000 | 47.70 | -0.02 | 47.68 | 74.00 | 26.32 | PK+ | H |

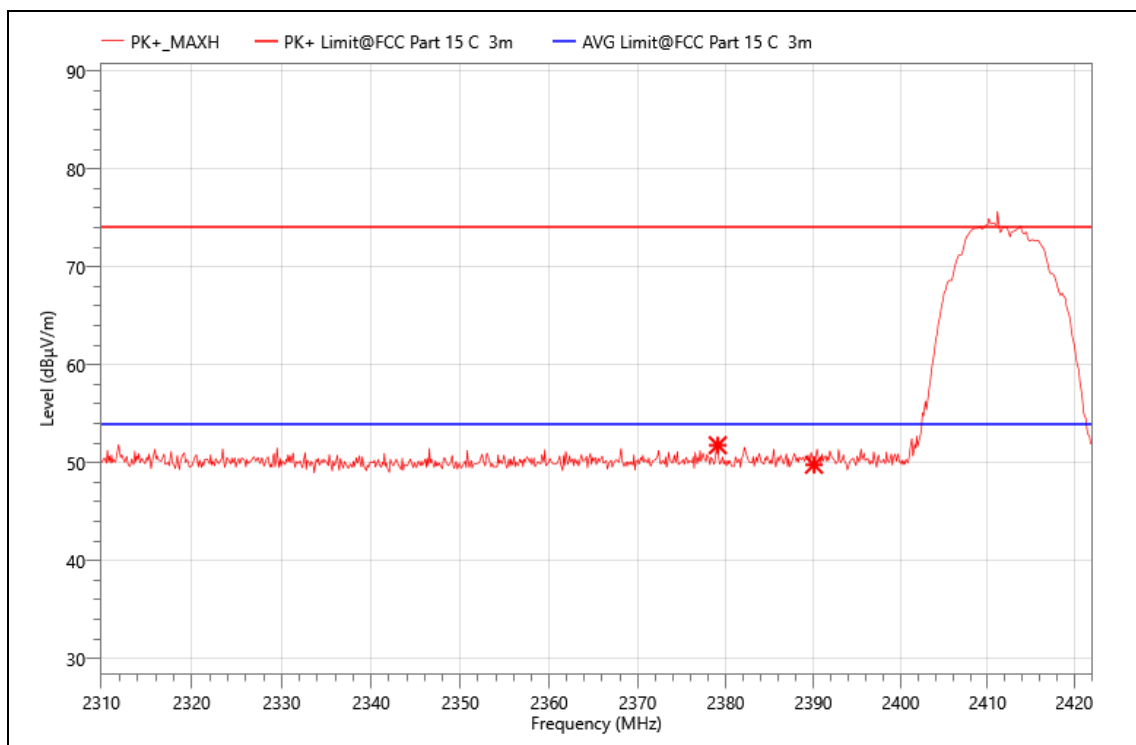
No others harmonics emissions are higher than 20 dB below the limits of 47 CFR Part 15.247.

Note:

1. [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
5. Measuring frequencies from 1GHz to 25GHz.

- Band Edge

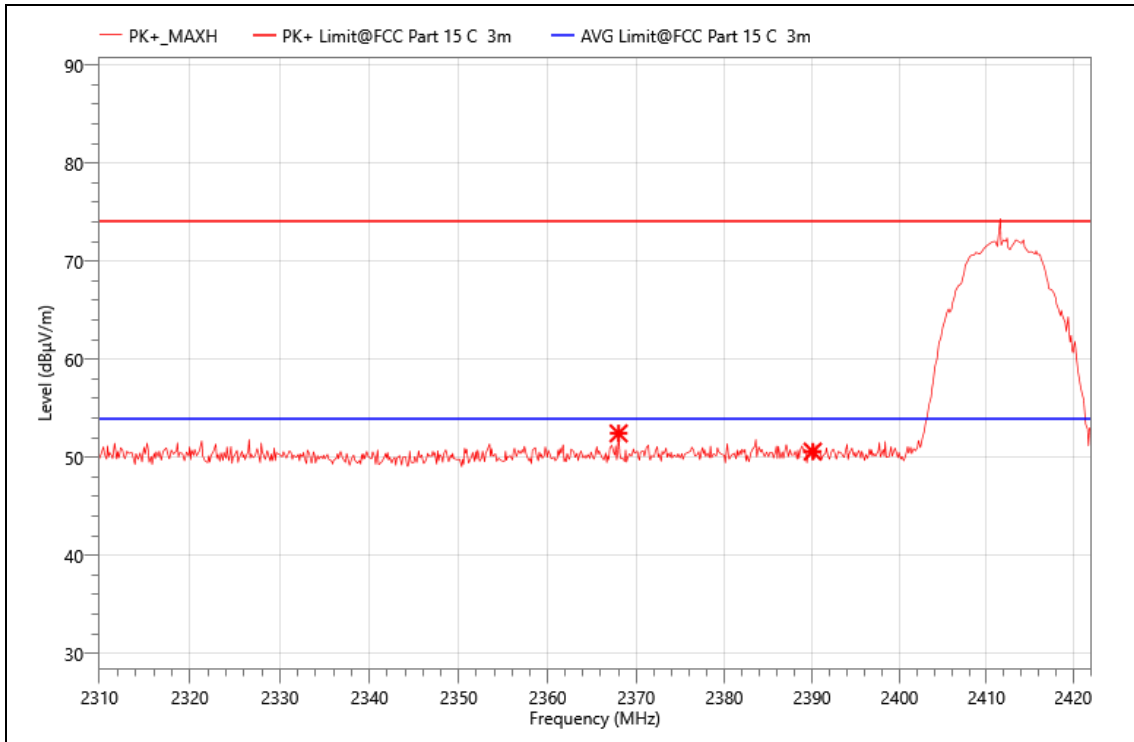
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2379.104 | 25.87 | 25.92 | 51.79 | 74.00 | 22.21 | PK+ | H |
| 2 | 2390.080 | 23.83 | 25.96 | 49.79 | 74.00 | 24.21 | PK+ | H |

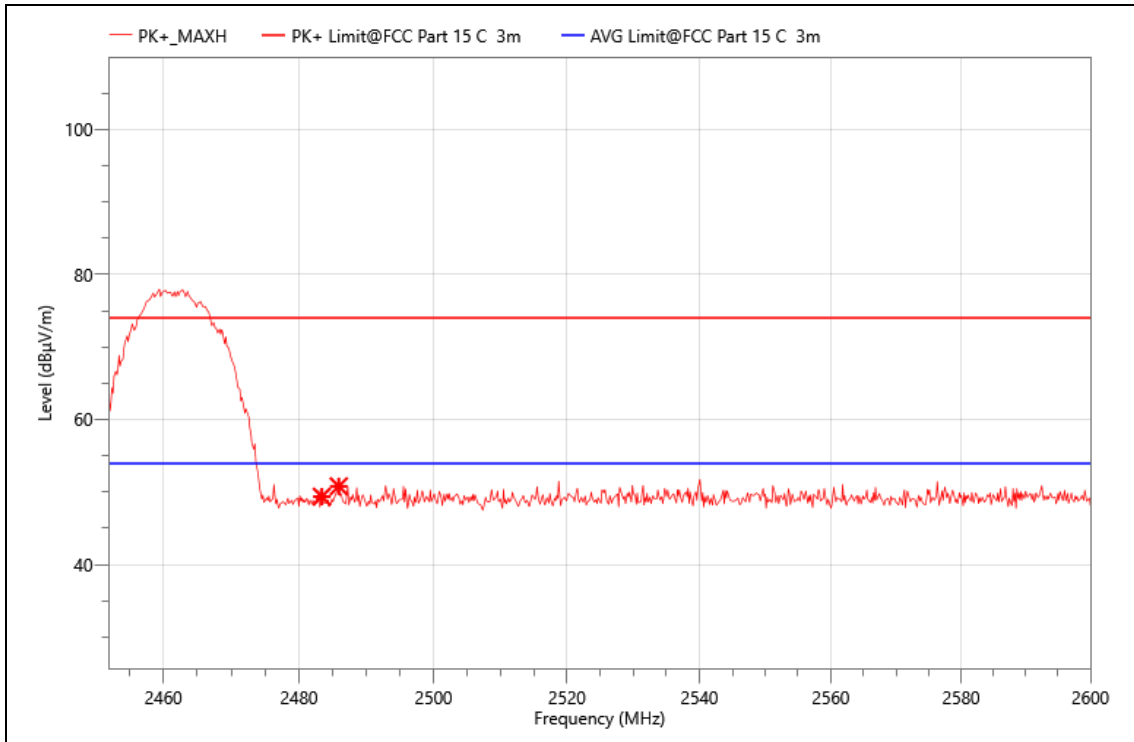
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2368.016 | 26.62 | 25.83 | 52.45 | 74.00 | 21.55 | PK+ | V |
| 2 | 2390.080 | 24.63 | 25.96 | 50.59 | 74.00 | 23.41 | PK+ | V |

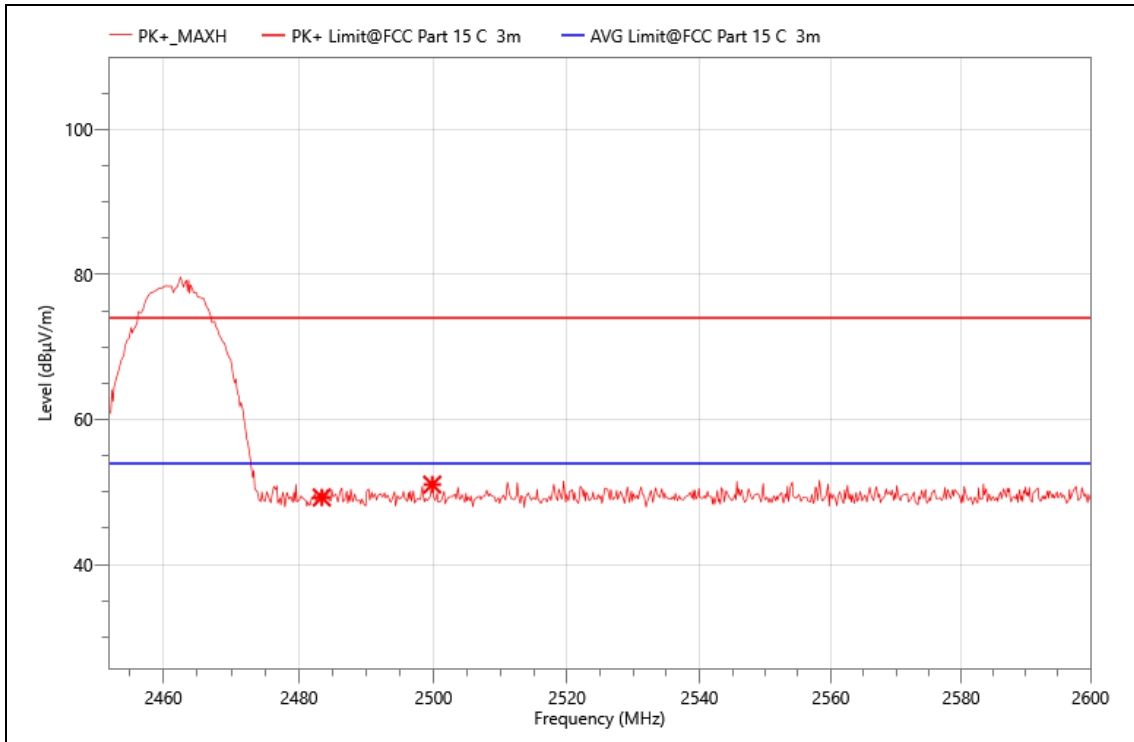
| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2412 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2483.376 | 23.66 | 25.71 | 49.37 | 74.00 | 24.63 | PK+ | H |
| 2 | 2485.892 | 25.08 | 25.72 | 50.80 | 74.00 | 23.20 | PK+ | H |

| | |
|--------|------------------|
| EUT : | Macy FM RGB+Wifi |
| MN: | FM-MAWT-BL |
| Mode: | 2.4G WIFI b 2462 |
| Power: | AC 120V/60Hz |
| TE: | Vier |
| Date | 2024/01/02 |
| T/A/P | 24°C/49%/101Kpa |



Critical_Freqs

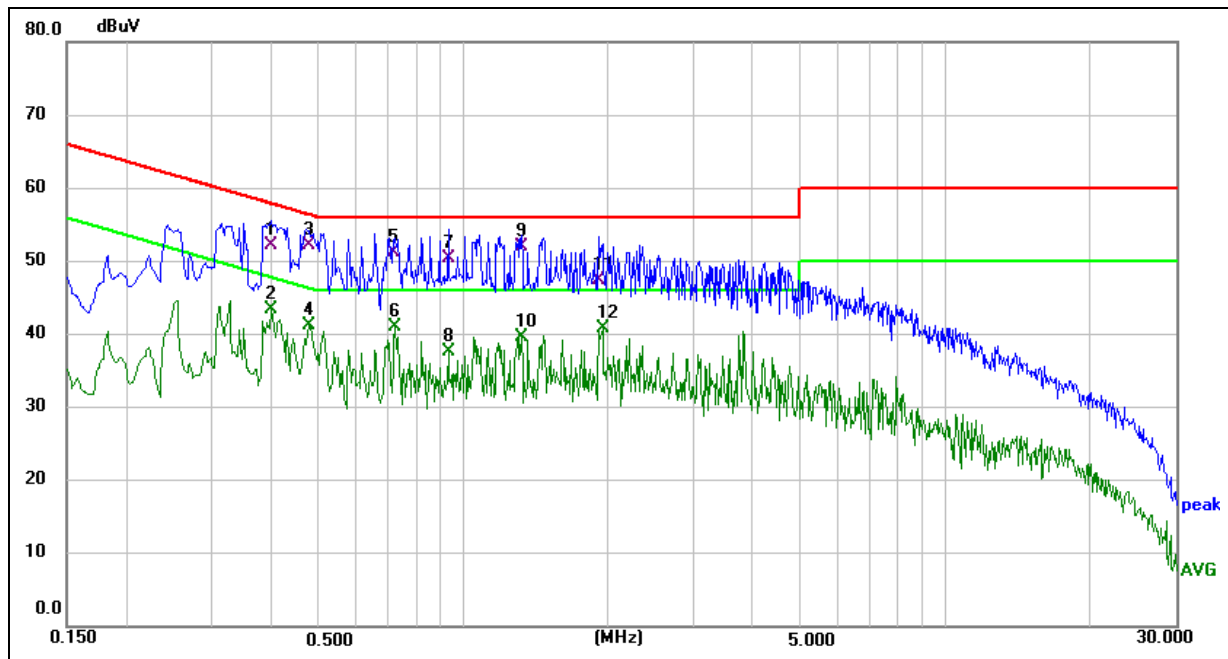
| No. | Freq. (MHz) | Reading (dBµV) | Corr. (dB) | Meas. (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Det. | Pol. |
|-----|-------------|----------------|------------|----------------|----------------|-------------|------|------|
| 1 | 2483.376 | 23.55 | 25.71 | 49.26 | 74.00 | 24.74 | PK+ | V |
| 2 | 2499.804 | 25.27 | 25.77 | 51.04 | 74.00 | 22.96 | PK+ | V |

Note:

1. [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

● AC POWER LINE CONDUCTED EMISSIONS

LINE L1 RESULTS (2.4G WIFI b 2412)

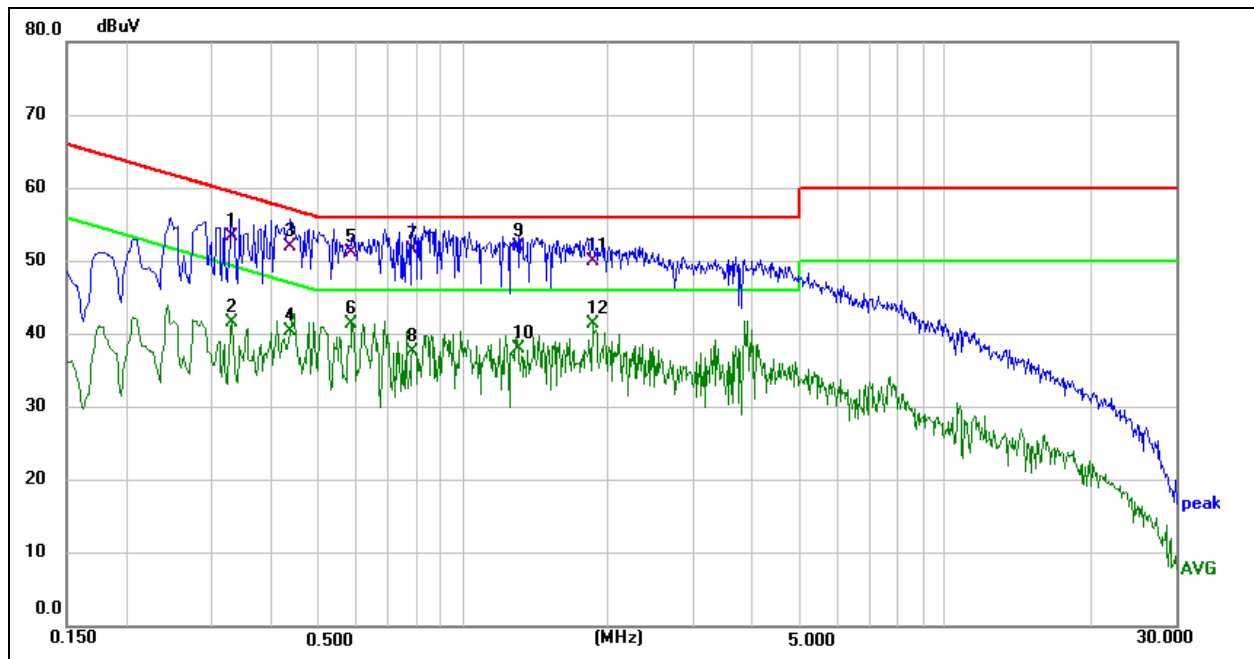


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------|---------------|--------------|-------------|--------|
| 1 | 0.3980 | 40.89 | 11.21 | 52.10 | 57.90 | -5.80 | QP |
| 2 | 0.3980 | 32.16 | 11.21 | 43.37 | 47.90 | -4.53 | AVG |
| 3 | 0.4780 | 40.74 | 11.36 | 52.10 | 56.37 | -4.27 | QP |
| 4 | 0.4780 | 29.74 | 11.36 | 41.10 | 46.37 | -5.27 | AVG |
| 5 | 0.7180 | 39.25 | 11.85 | 51.10 | 56.00 | -4.90 | QP |
| 6 | 0.7220 | 29.08 | 11.85 | 40.93 | 46.00 | -5.07 | AVG |
| 7 | 0.9300 | 39.98 | 10.42 | 50.40 | 56.00 | -5.60 | QP |
| 8 | 0.9300 | 27.25 | 10.42 | 37.67 | 46.00 | -8.33 | AVG |
| 9 * | 1.3220 | 41.48 | 10.42 | 51.90 | 56.00 | -4.10 | QP |
| 10 | 1.3220 | 29.16 | 10.42 | 39.58 | 46.00 | -6.42 | AVG |
| 11 | 1.9100 | 36.97 | 10.43 | 47.40 | 56.00 | -8.60 | QP |
| 12 | 1.9460 | 30.35 | 10.43 | 40.78 | 46.00 | -5.22 | AVG |

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

LINE N RESULTS (2.4G WIFI b 2412)



Phase: N

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------|---------------|--------------|-------------|--------|
| 1 | 0.3300 | 42.25 | 11.05 | 53.30 | 59.45 | -6.15 | QP |
| 2 | 0.3300 | 30.46 | 11.05 | 41.51 | 49.45 | -7.94 | AVG |
| 3 | 0.4380 | 40.71 | 11.29 | 52.00 | 57.10 | -5.10 | QP |
| 4 | 0.4380 | 29.07 | 11.29 | 40.36 | 47.10 | -6.74 | AVG |
| 5 | 0.5899 | 39.52 | 11.58 | 51.10 | 56.00 | -4.90 | QP |
| 6 | 0.5899 | 29.85 | 11.58 | 41.43 | 46.00 | -4.57 | AVG |
| 7 | 0.7860 | 39.61 | 11.99 | 51.60 | 56.00 | -4.40 | QP |
| 8 | 0.7860 | 25.61 | 11.99 | 37.60 | 46.00 | -8.40 | AVG |
| 9 * | 1.2980 | 41.48 | 10.42 | 51.90 | 56.00 | -4.10 | QP |
| 10 | 1.2980 | 27.56 | 10.42 | 37.98 | 46.00 | -8.02 | AVG |
| 11 | 1.8580 | 39.47 | 10.43 | 49.90 | 56.00 | -6.10 | QP |
| 12 | 1.8580 | 30.91 | 10.43 | 41.34 | 46.00 | -4.66 | AVG |

Note: 1. Result = Reading +Correct.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. All test modes had been tested, only the worst data record in the report.