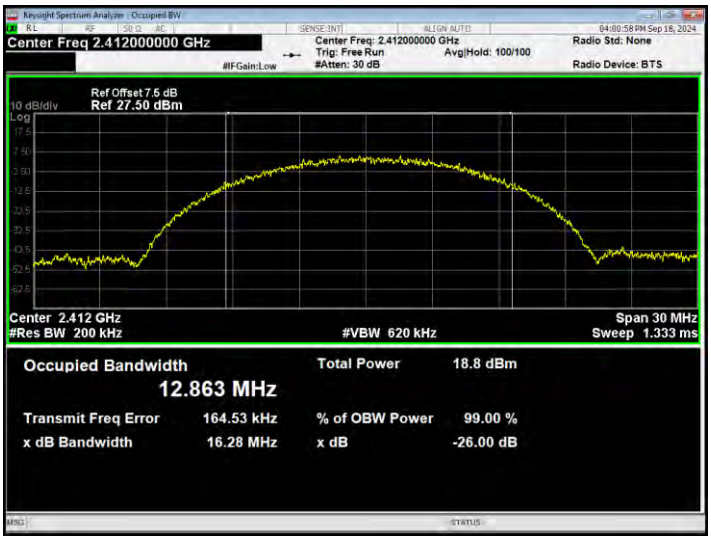
**Occupied Channel Bandwidth**

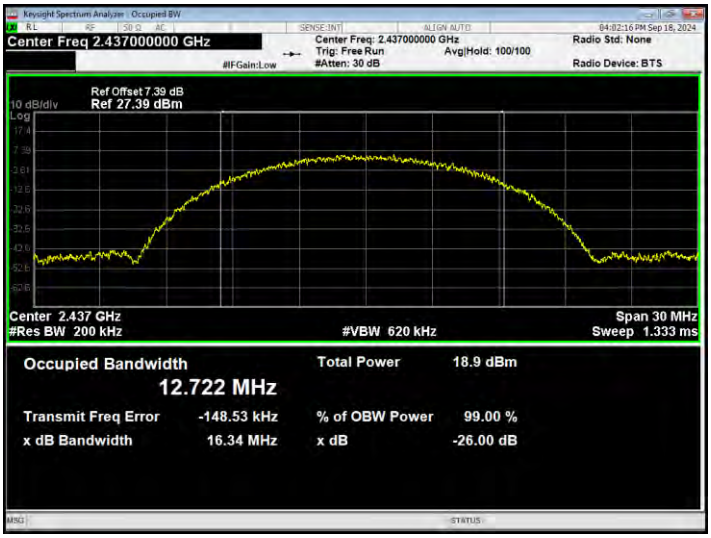
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|---|---|---|---|---|
| NVNT | b | 2412 | Ant1 | 12.86349165 |
| NVNT | b | 2437 | Ant1 | 12.7224632 |
| NVNT | b | 2462 | Ant1 | 12.14847764 |
| NVNT | g | 2412 | Ant1 | 16.42259876 |
| NVNT | g | 2437 | Ant1 | 16.39995101 |
| NVNT | g | 2462 | Ant1 | 16.27673349 |
| NVNT | n20 | 2412 | Ant1 | 17.61898322 |
| NVNT | n20 | 2437 | Ant1 | 17.56840883 |
| NVNT | n20 | 2462 | Ant1 | 17.42890659 |
| NVNT | n40 | 2422 | Ant1 | 35.72701461 |
| NVNT | n40 | 2437 | Ant1 | 36.02577963 |
| NVNT | n40 | 2452 | Ant1 | 35.87597112 |

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|---|---|---|---|---|
| NVNT | b | 2412 | Ant2 | 12.66508915 |
| NVNT | b | 2437 | Ant2 | 12.7548483 |
| NVNT | b | 2462 | Ant2 | 12.13837887 |
| NVNT | g | 2412 | Ant2 | 16.40243328 |
| NVNT | g | 2437 | Ant2 | 16.35830095 |
| NVNT | g | 2462 | Ant2 | 16.29231461 |
| NVNT | n20 | 2412 | Ant2 | 17.61914472 |
| NVNT | n20 | 2437 | Ant2 | 17.61368611 |
| NVNT | n20 | 2462 | Ant2 | 17.39748134 |
| NVNT | n40 | 2422 | Ant2 | 35.72160497 |
| NVNT | n40 | 2437 | Ant2 | 36.04705035 |
| NVNT | n40 | 2452 | Ant2 | 35.89722608 |

OBW NVNT b 2412MHz Ant1

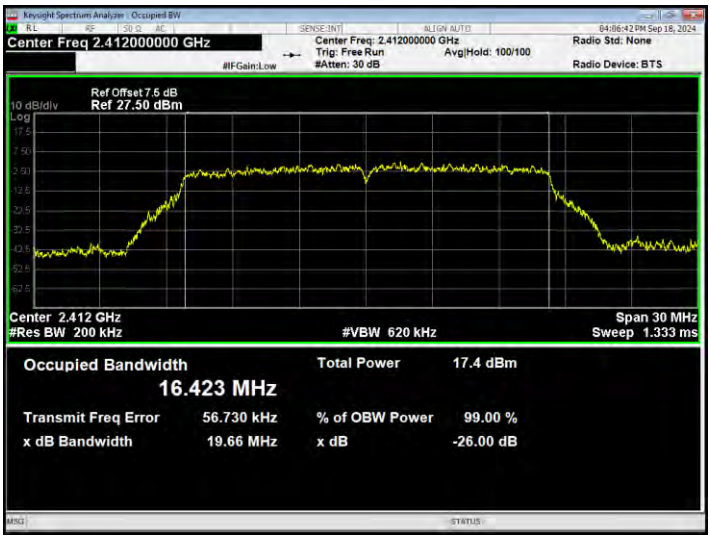



OBW NVNT b 2437MHz Ant1

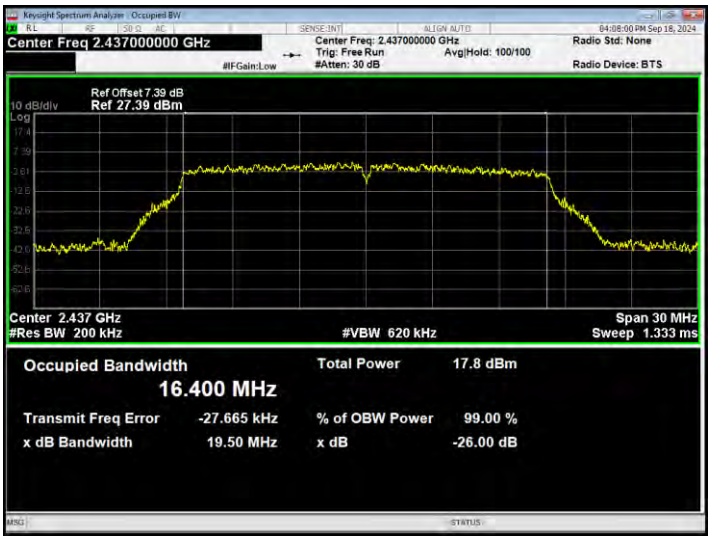



OBW NVNT b 2462MHz Ant1

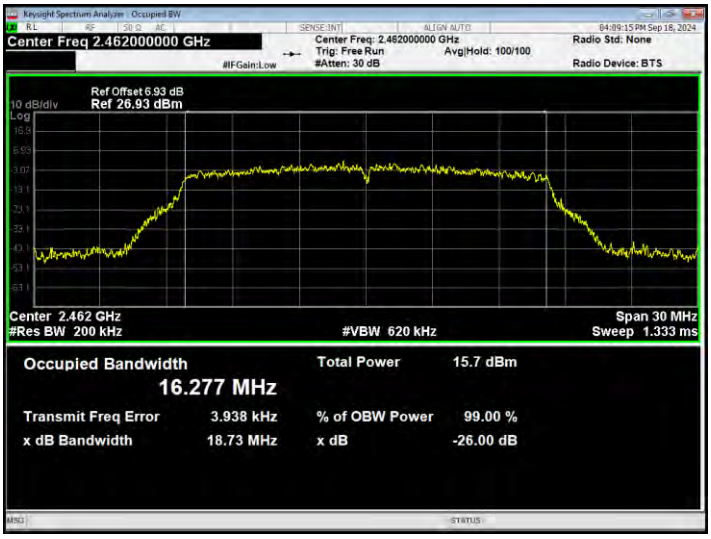
OBW NVNT g 2412MHz Ant1



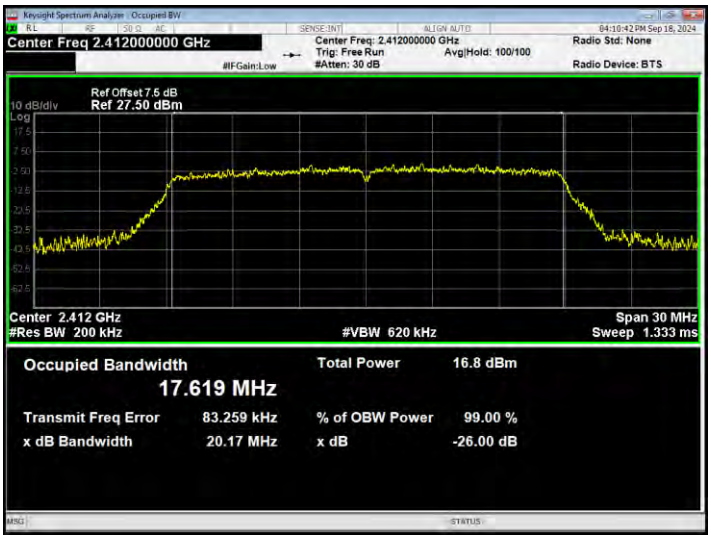

OBW NVNT g 2437MHz Ant1



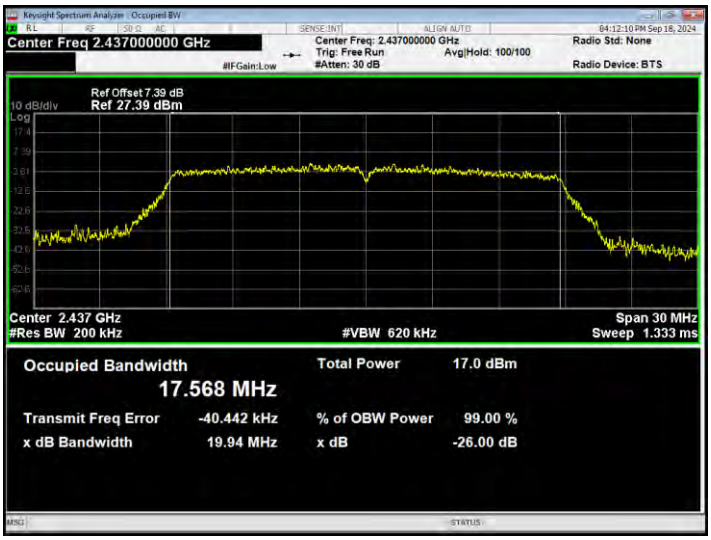

OBW NVNT g 2462MHz Ant1



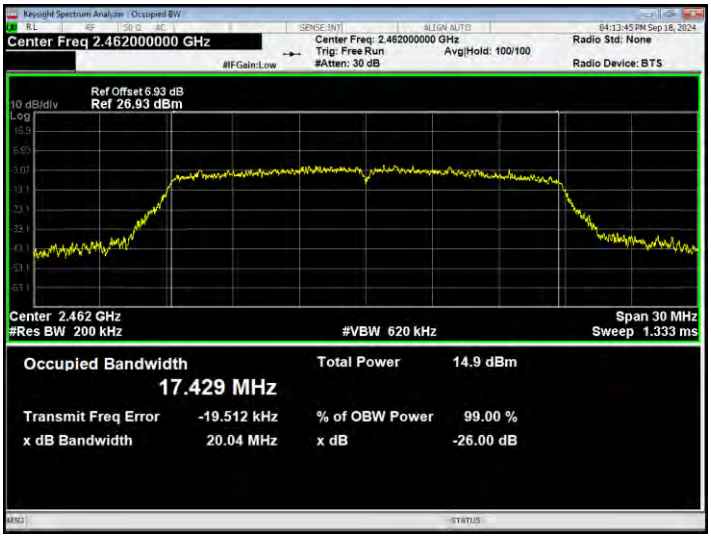

OBW NVNT n20 2412MHz Ant1



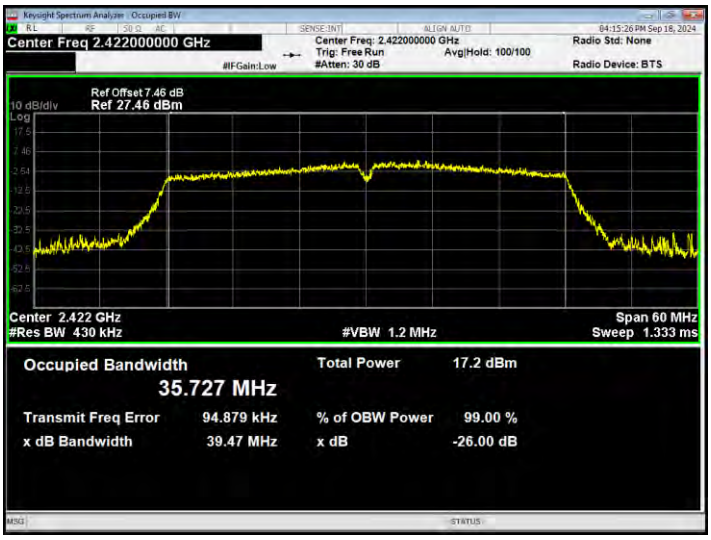

OBW NVNT n20 2437MHz Ant1



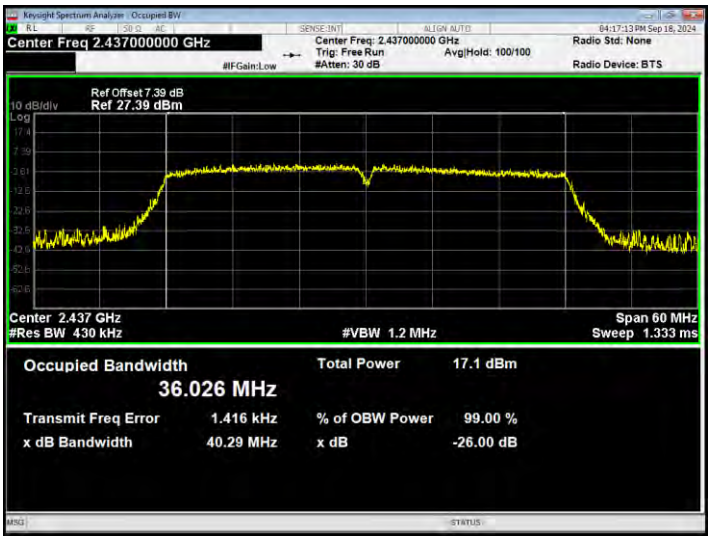

OBW NVNT n20 2462MHz Ant1




OBW NVNT n40 2422MHz Ant1

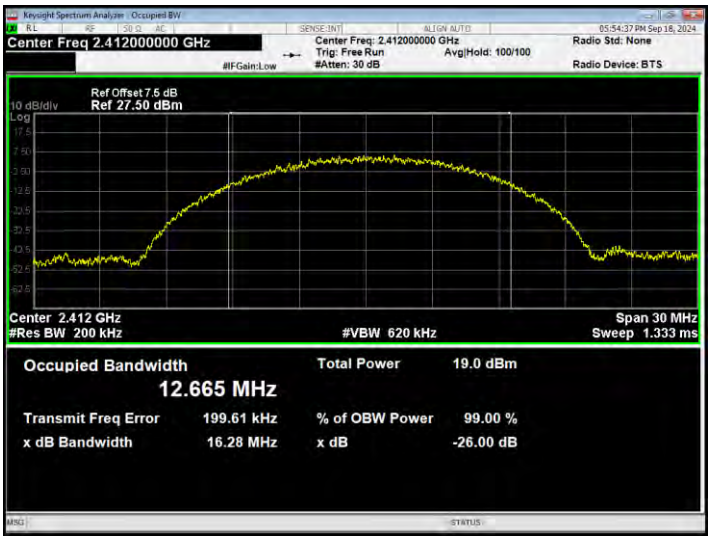



OBW NVNT n40 2437MHz Ant1

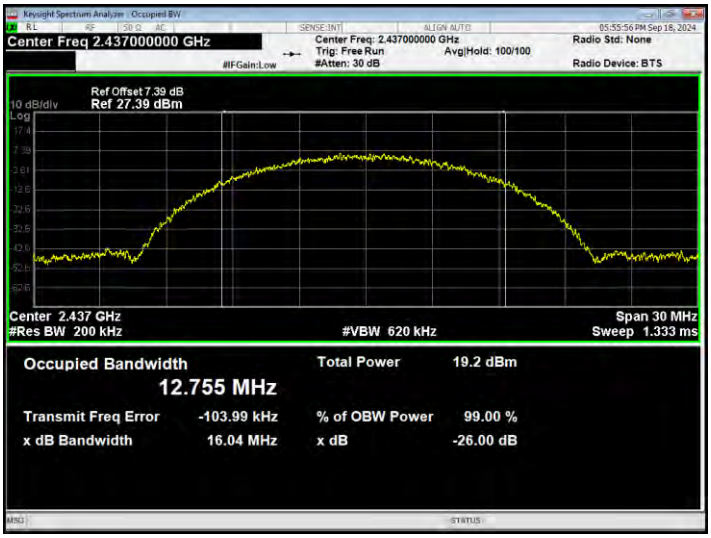



OBW NVNT n40 2452MHz Ant1

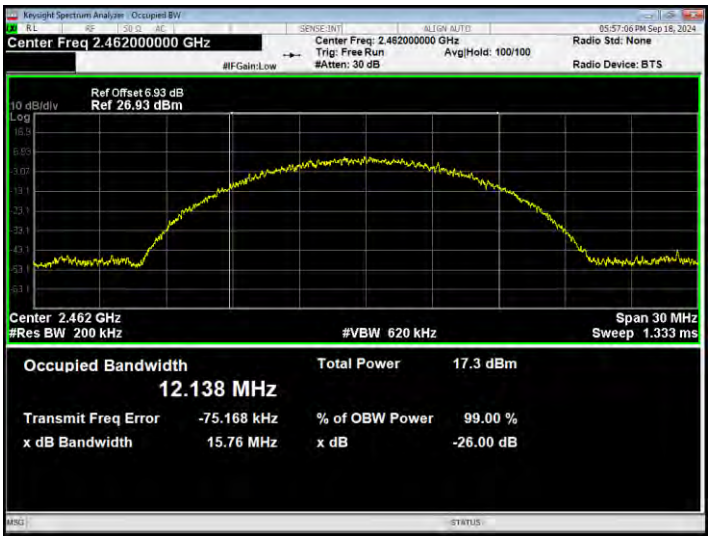
OBW NVNT b 2412MHz Ant2



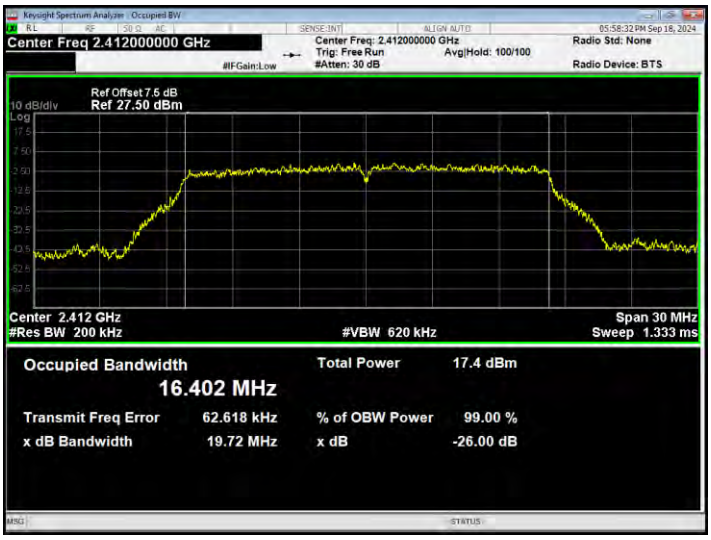

OBW NVNT b 2437MHz Ant2




OBW NVNT b 2462MHz Ant2




OBW NVNT g 2412MHz Ant2

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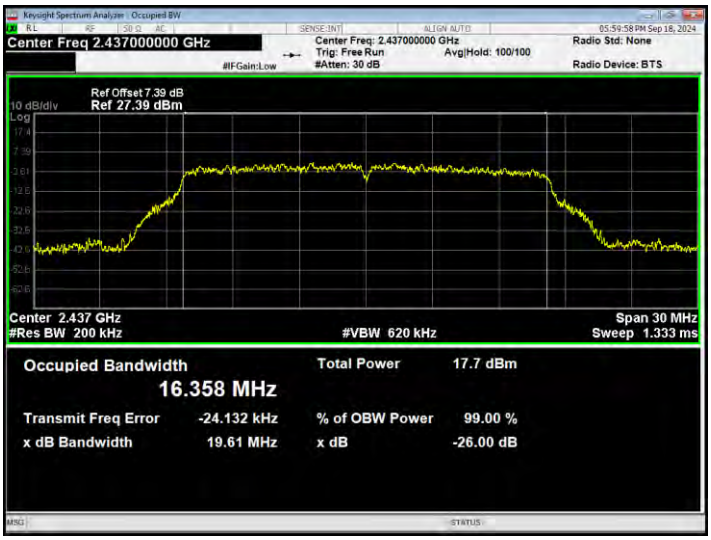
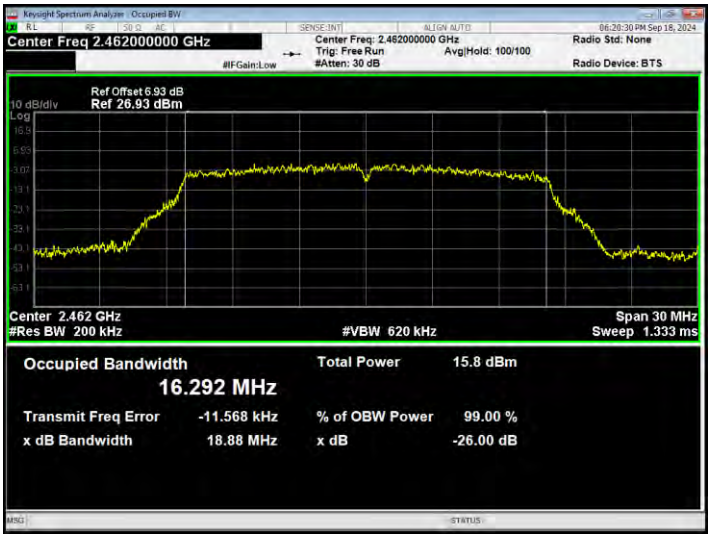
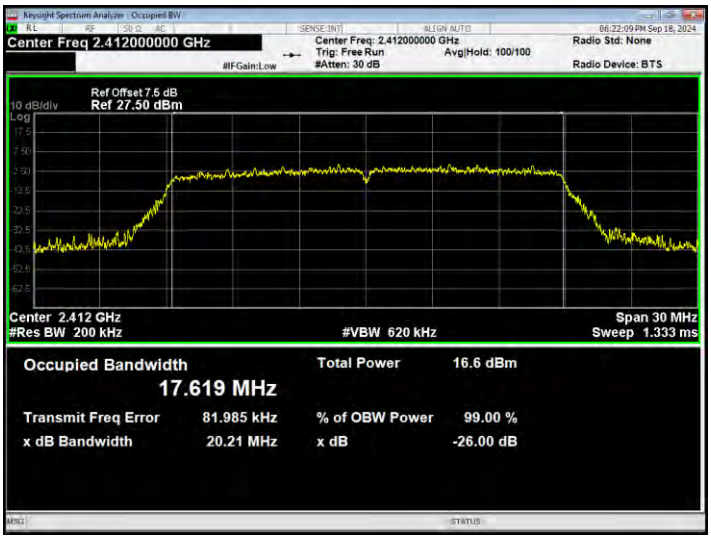


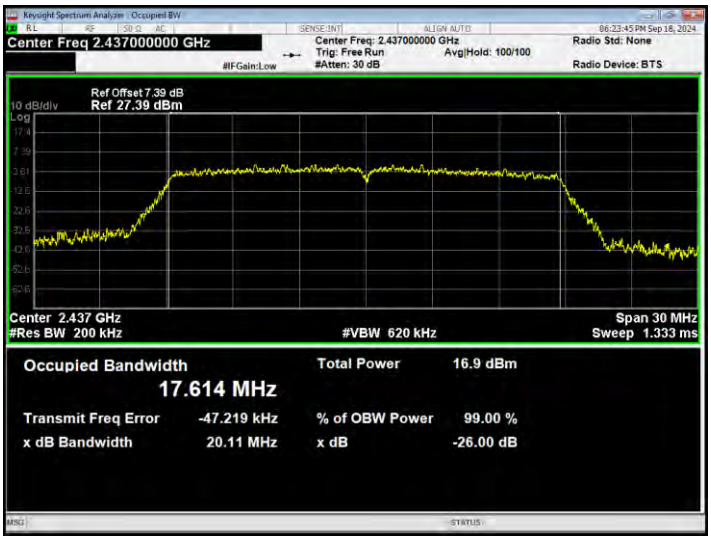

OBW NVNT g 2462MHz Ant2



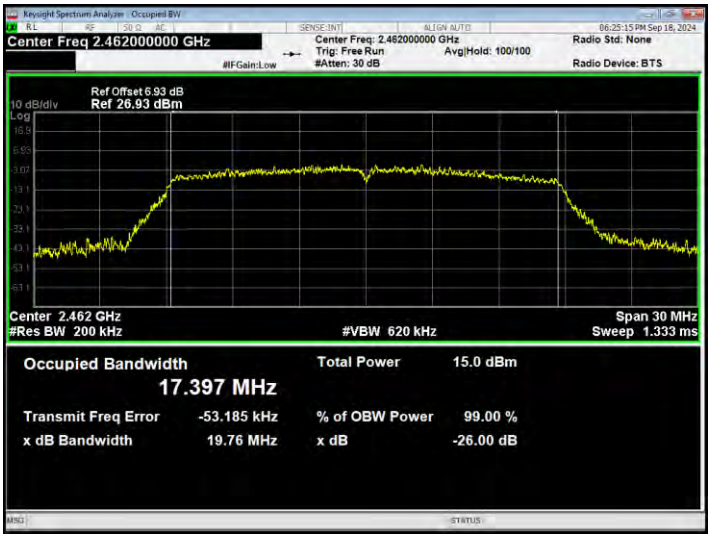

OBW NVNT n20 2412MHz Ant2



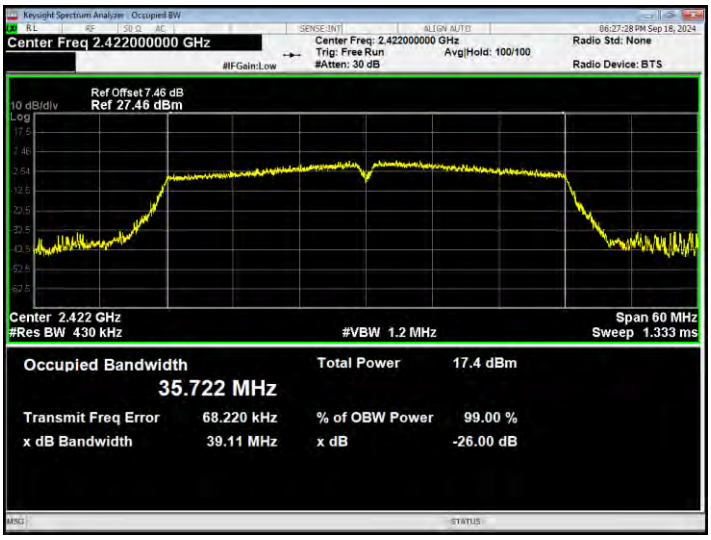

OBW NVNT n20 2437MHz Ant2




OBW NVNT n20 2462MHz Ant2




OBW NVNT n40 2422MHz Ant2




OBW NVNT n40 2437MHz Ant2

OBW NVNT n40 2452MHz Ant2

**Maximum Power Spectral Density Level**

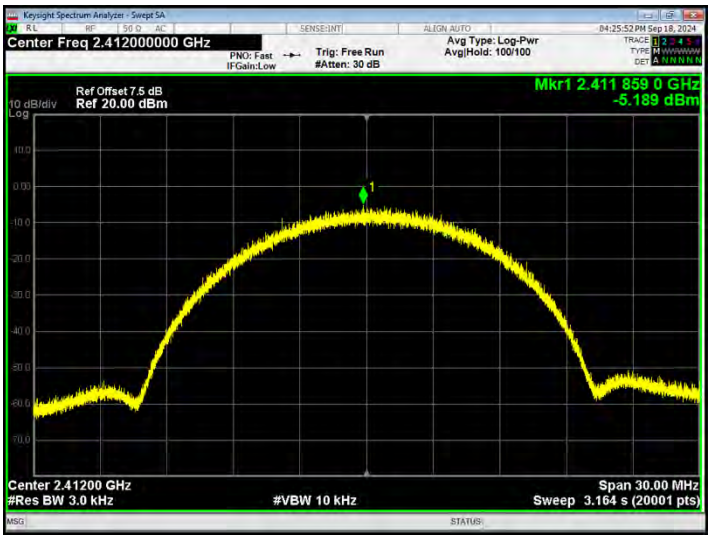
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant1 | -5.189 | 0.14 | -5.05 | 8 | Pass |
| NVNT | b | 2437 | Ant1 | -5.092 | 0.18 | -4.91 | 8 | Pass |
| NVNT | b | 2462 | Ant1 | -5.475 | 0.18 | -5.30 | 8 | Pass |
| NVNT | g | 2412 | Ant1 | -10.117 | 0.87 | -9.25 | 8 | Pass |
| NVNT | g | 2437 | Ant1 | -9.853 | 1.06 | -8.79 | 8 | Pass |
| NVNT | g | 2462 | Ant1 | -10.908 | 0.87 | -10.04 | 8 | Pass |
| NVNT | n20 | 2412 | Ant1 | -9.631 | 0.16 | -9.47 | 8 | Pass |
| NVNT | n20 | 2437 | Ant1 | -8.756 | 0.13 | -8.63 | 8 | Pass |
| NVNT | n20 | 2462 | Ant1 | -11.104 | 0.13 | -10.97 | 8 | Pass |
| NVNT | n40 | 2422 | Ant1 | -11.693 | 0.32 | -11.37 | 8 | Pass |
| NVNT | n40 | 2437 | Ant1 | -12.918 | 0.26 | -12.66 | 8 | Pass |
| NVNT | n40 | 2452 | Ant1 | -13.772 | 0.26 | -13.51 | 8 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant2 | -4.287 | 0.18 | -4.11 | 8 | Pass |
| NVNT | b | 2437 | Ant2 | -5.517 | 0.18 | -5.34 | 8 | Pass |
| NVNT | b | 2462 | Ant2 | -5.626 | 0.18 | -5.45 | 8 | Pass |
| NVNT | g | 2412 | Ant2 | -9.97 | 0.87 | -9.10 | 8 | Pass |
| NVNT | g | 2437 | Ant2 | -10.097 | 0.87 | -9.23 | 8 | Pass |
| NVNT | g | 2462 | Ant2 | -11.614 | 1.12 | -10.49 | 8 | Pass |
| NVNT | n20 | 2412 | Ant2 | -8.902 | 0.13 | -8.77 | 8 | Pass |
| NVNT | n20 | 2437 | Ant2 | -9.799 | 0.16 | -9.64 | 8 | Pass |
| NVNT | n20 | 2462 | Ant2 | -11.293 | 0.13 | -11.16 | 8 | Pass |
| NVNT | n40 | 2422 | Ant2 | -11.576 | 0.26 | -11.32 | 8 | Pass |
| NVNT | n40 | 2437 | Ant2 | -13.474 | 0.26 | -13.21 | 8 | Pass |
| NVNT | n40 | 2452 | Ant2 | -13.508 | 0.26 | -13.25 | 8 | Pass |

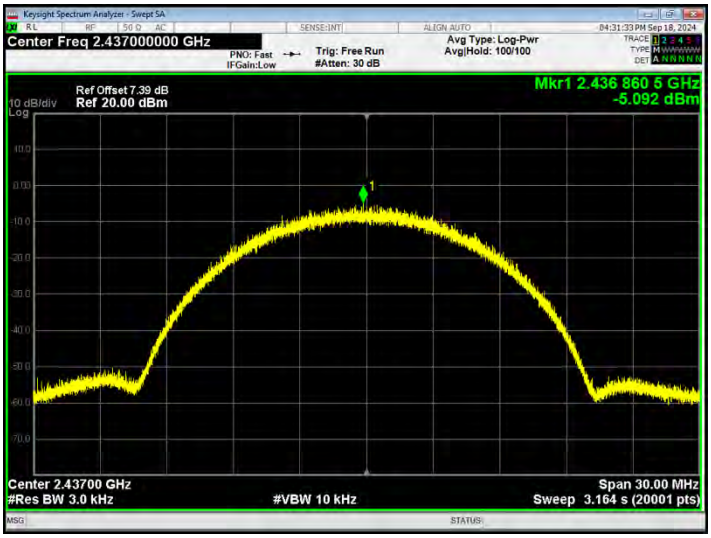
MIMO Mode

| Mode | Frequency (MHz) | Antenna | Total PSD (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|
| n20 | 2412 | Ant1+2 | -6.10 | 8 | Pass |
| n20 | 2437 | Ant1+2 | -6.10 | 8 | Pass |
| n20 | 2462 | Ant1+2 | -8.05 | 8 | Pass |
| n40 | 2422 | Ant1+2 | -8.33 | 8 | Pass |
| n40 | 2437 | Ant1+2 | -9.92 | 8 | Pass |
| n40 | 2452 | Ant1+2 | -10.37 | 8 | Pass |

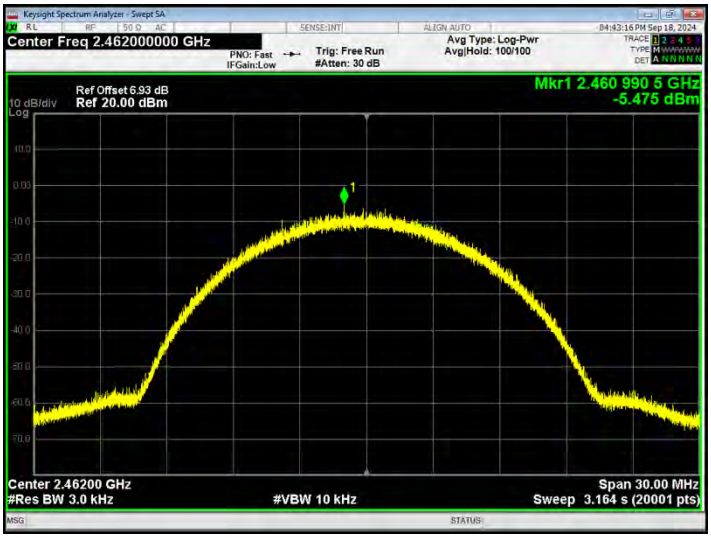
PSD NVNT b 2412MHz Ant1



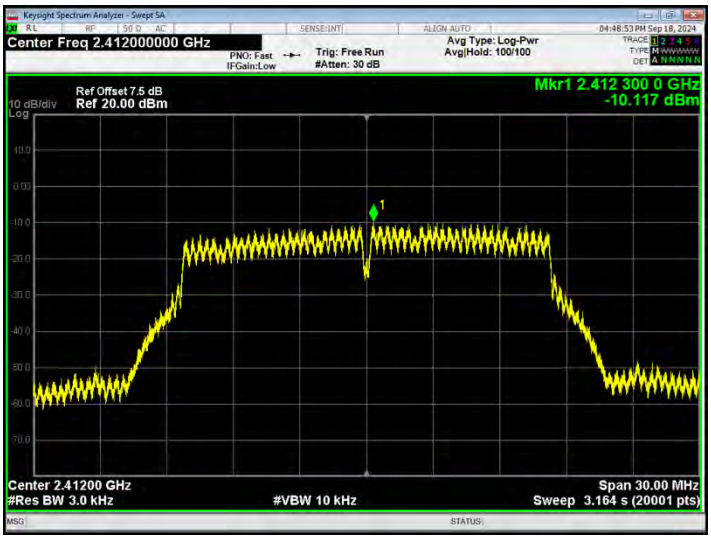

PSD NVNT b 2437MHz Ant1



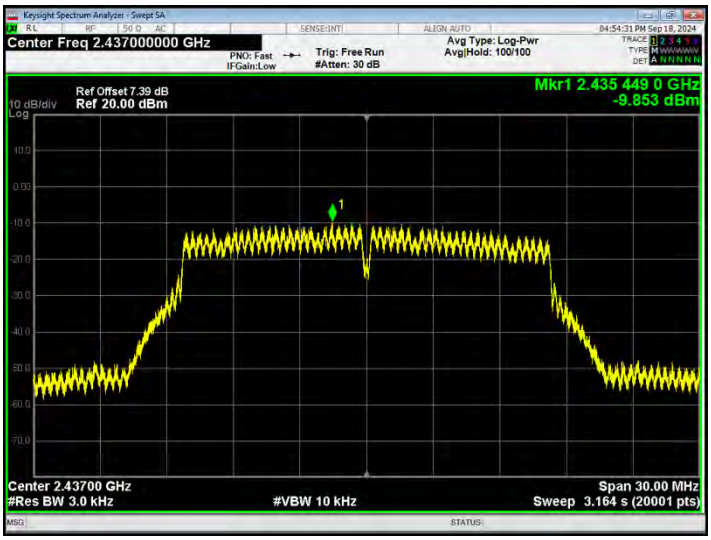

PSD NVNT b 2462MHz Ant1



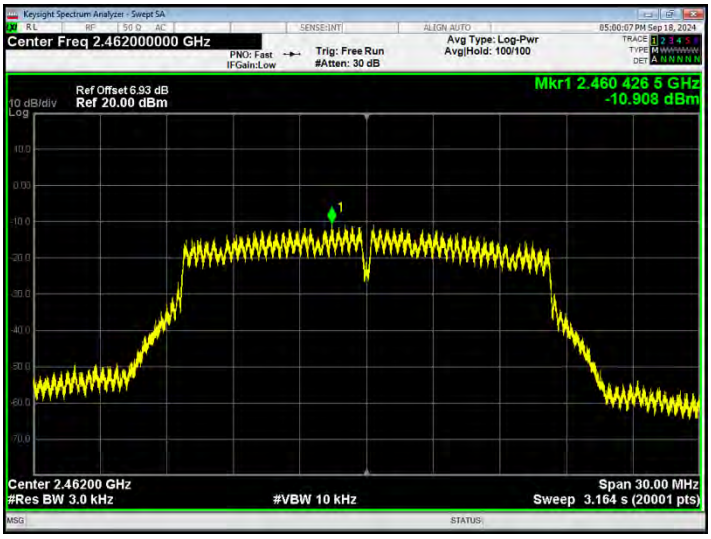

PSD NVNT g 2412MHz Ant1



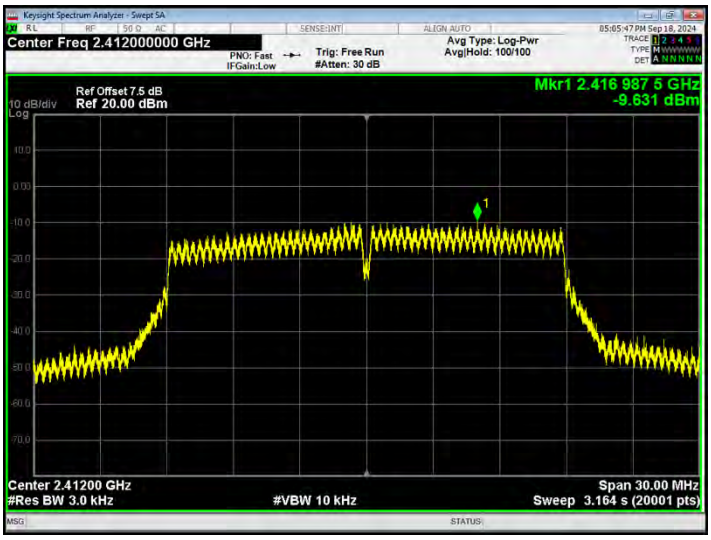

PSD NVNT g 2437MHz Ant1



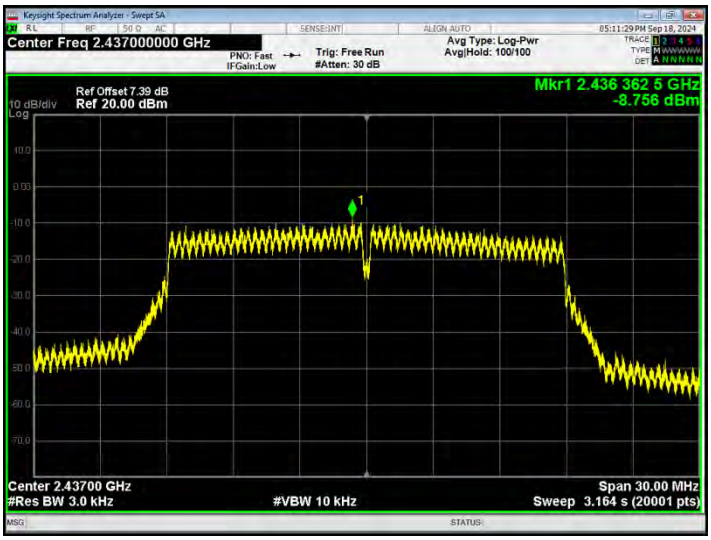

PSD NVNT g 2462MHz Ant1



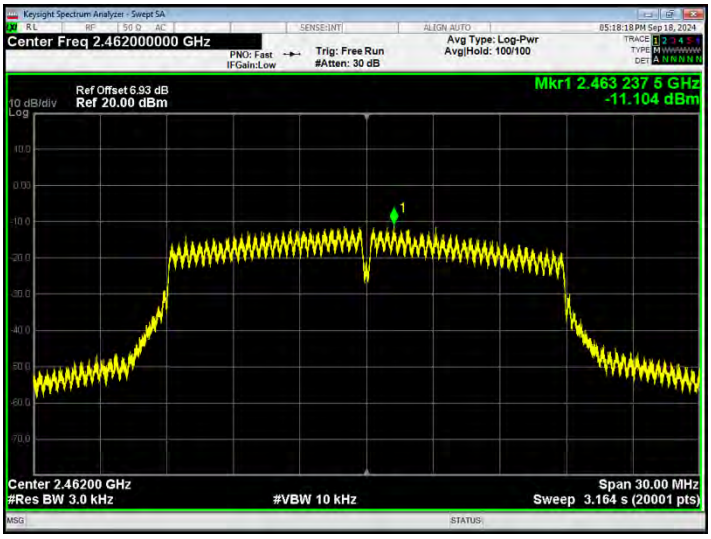

PSD NVNT n20 2412MHz Ant1



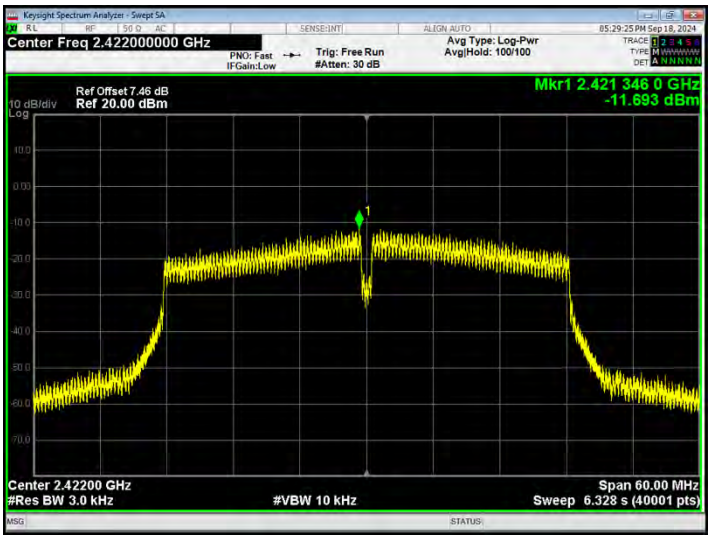

PSD NVNT n20 2437MHz Ant1



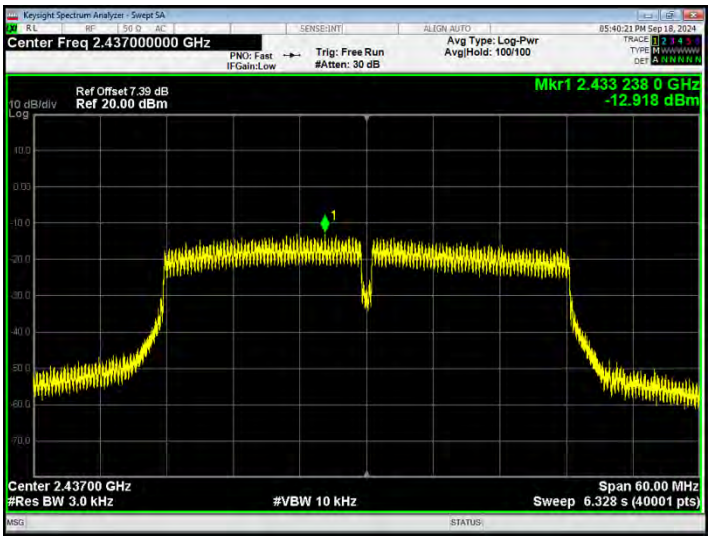

PSD NVNT n20 2462MHz Ant1



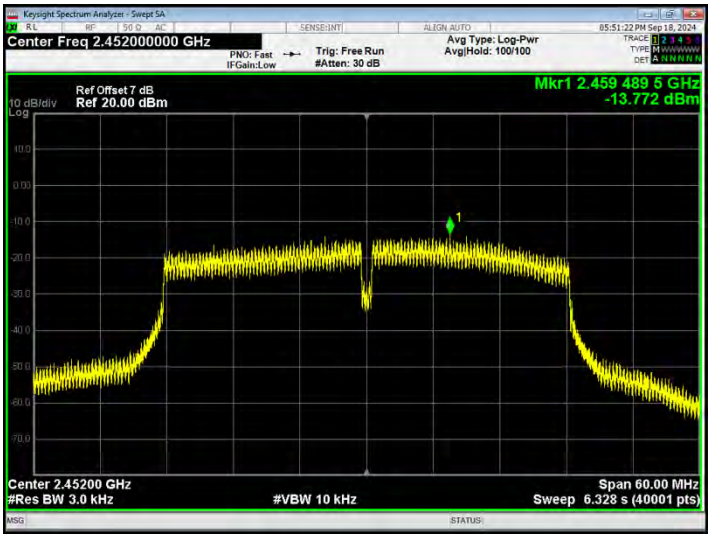

PSD NVNT n40 2422MHz Ant1



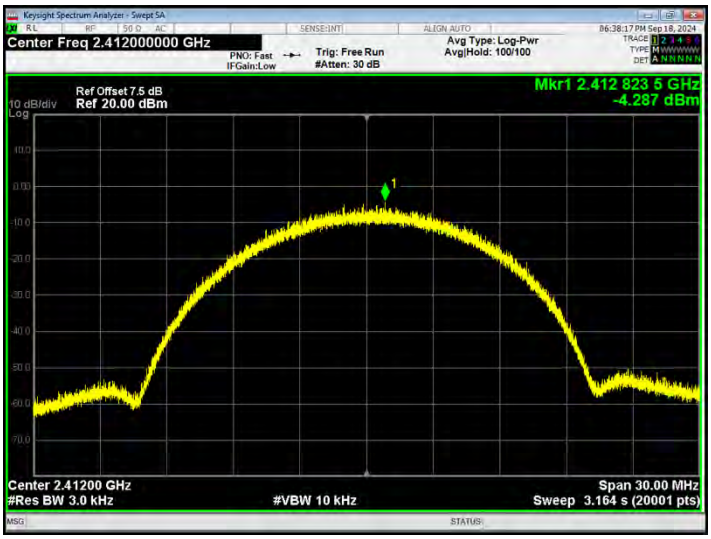

PSD NVNT n40 2437MHz Ant1




PSD NVNT n40 2452MHz Ant1

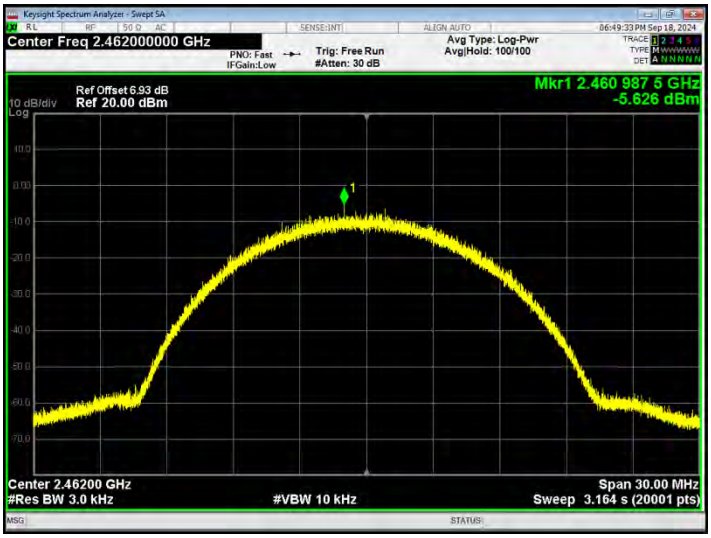


PSD NVNT b 2412MHz Ant2

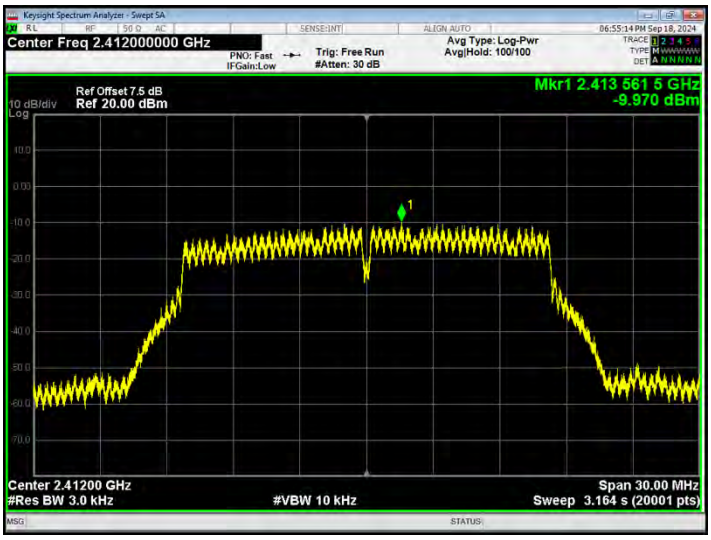



PSD NVNT b 2437MHz Ant2

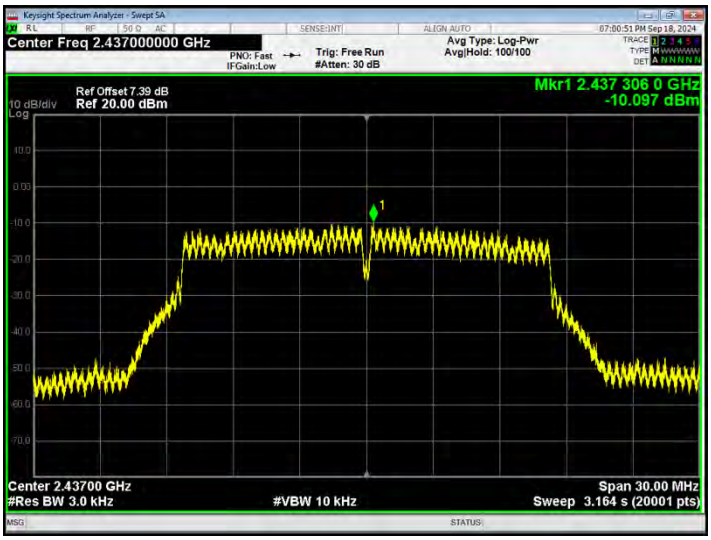
PSD NVNT b 2462MHz Ant2



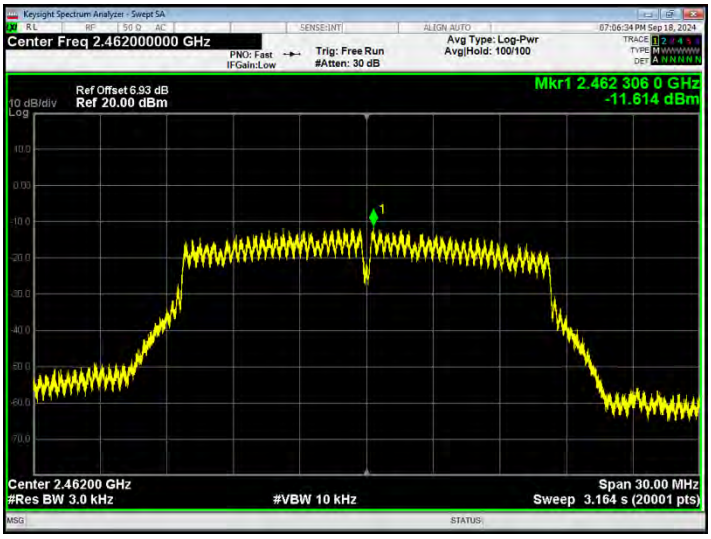

PSD NVNT g 2412MHz Ant2



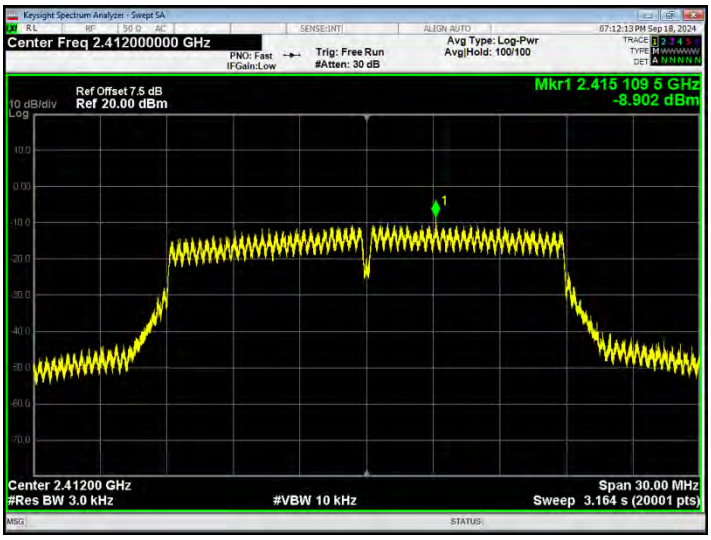

PSD NVNT g 2437MHz Ant2



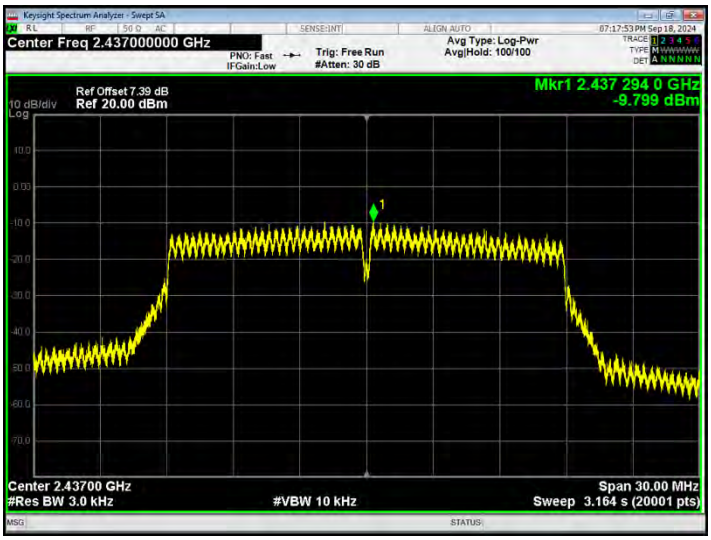

PSD NVNT g 2462MHz Ant2



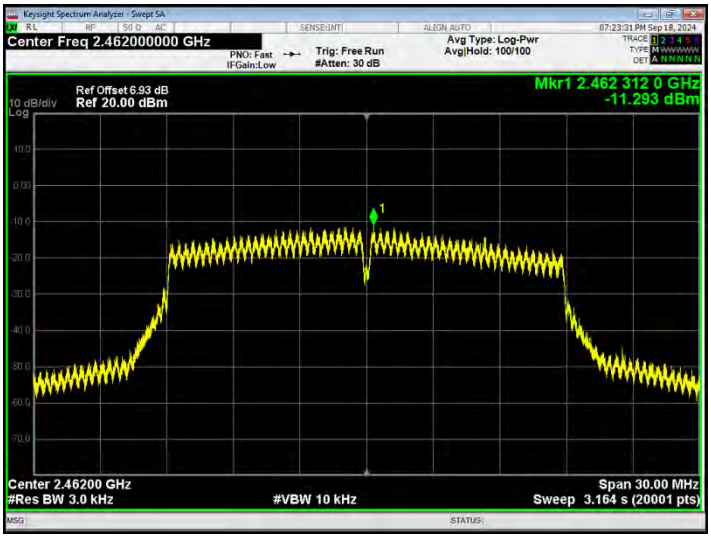

PSD NVNT n20 2412MHz Ant2



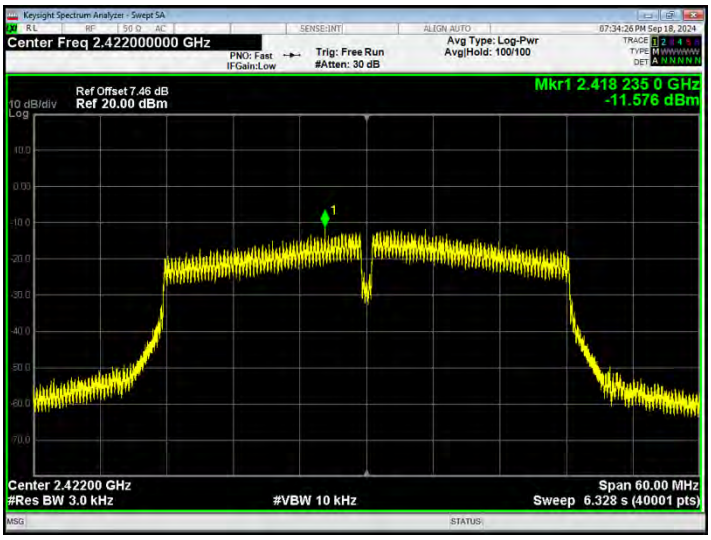

PSD NVNT n20 2437MHz Ant2



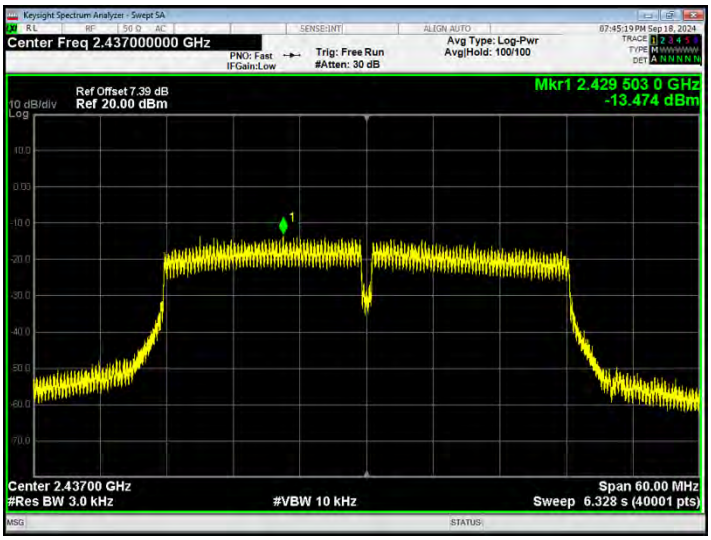

PSD NVNT n20 2462MHz Ant2



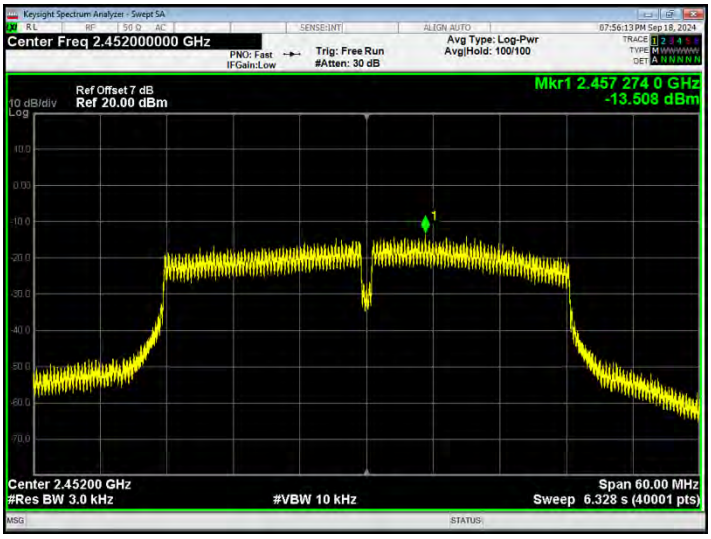

PSD NVNT n40 2422MHz Ant2




PSD NVNT n40 2437MHz Ant2




PSD NVNT n40 2452MHz Ant2



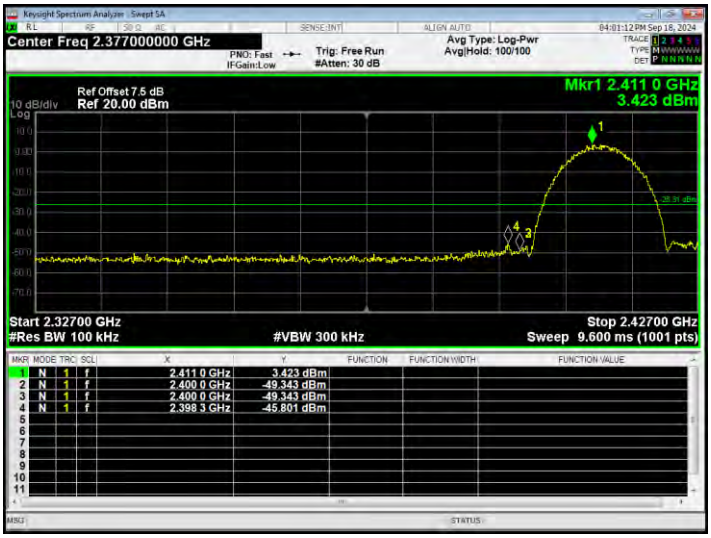
**Band Edge**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant1 | -49.49 | -30 | Pass |
| NVNT | b | 2462 | Ant1 | -53.23 | -30 | Pass |
| NVNT | g | 2412 | Ant1 | -41.79 | -30 | Pass |
| NVNT | g | 2462 | Ant1 | -49.82 | -30 | Pass |
| NVNT | n20 | 2412 | Ant1 | -38.55 | -30 | Pass |
| NVNT | n20 | 2462 | Ant1 | -47.68 | -30 | Pass |
| NVNT | n40 | 2422 | Ant1 | -38.03 | -30 | Pass |
| NVNT | n40 | 2452 | Ant1 | -39.39 | -30 | Pass |

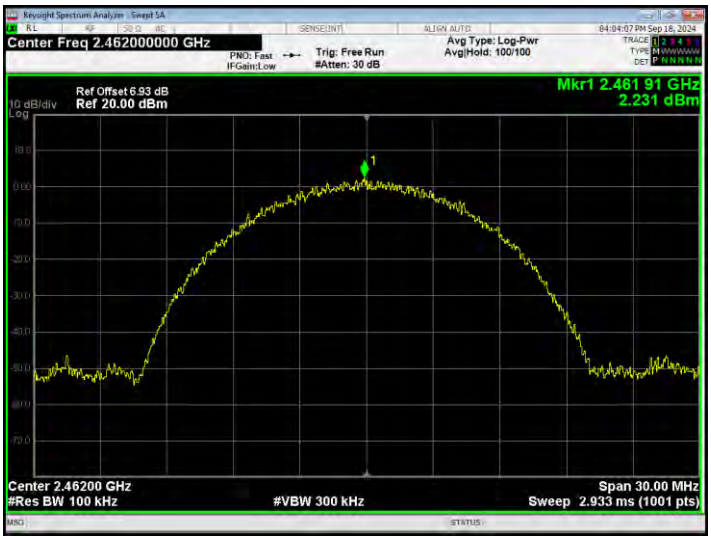
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant2 | -49.98 | -30 | Pass |
| NVNT | b | 2462 | Ant2 | -53.74 | -30 | Pass |
| NVNT | g | 2412 | Ant2 | -43.28 | -30 | Pass |
| NVNT | g | 2462 | Ant2 | -50.48 | -30 | Pass |
| NVNT | n20 | 2412 | Ant2 | -39.72 | -30 | Pass |
| NVNT | n20 | 2462 | Ant2 | -48.99 | -30 | Pass |
| NVNT | n40 | 2422 | Ant2 | -37.45 | -30 | Pass |
| NVNT | n40 | 2452 | Ant2 | -40.6 | -30 | Pass |

Band Edge NVNT b 2412MHz Ant1 Ref

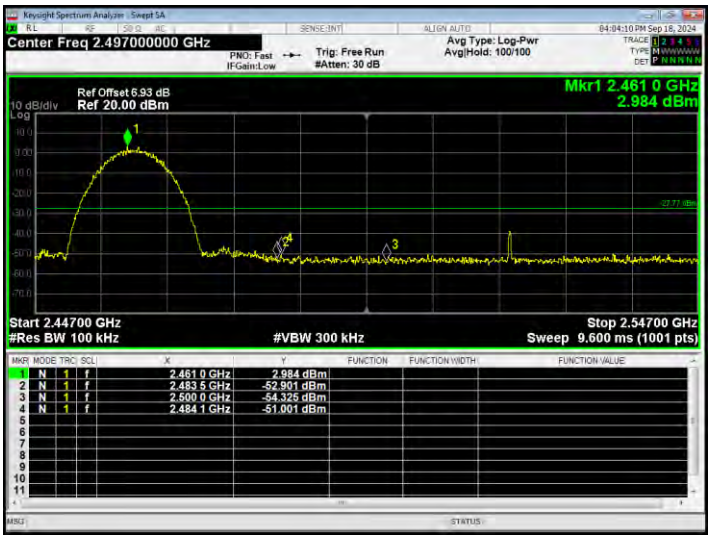
Band Edge NVNT b 2412MHz Ant1 Emission




Band Edge NVNT b 2462MHz Ant1 Ref

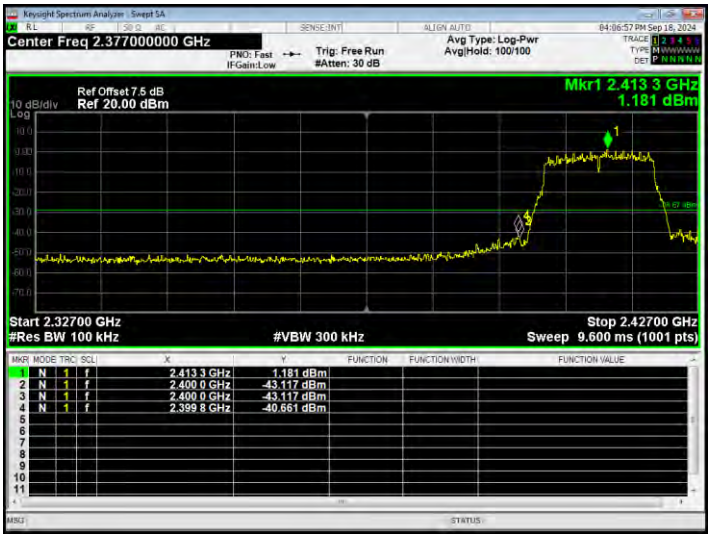



Band Edge NVNT b 2462MHz Ant1 Emission



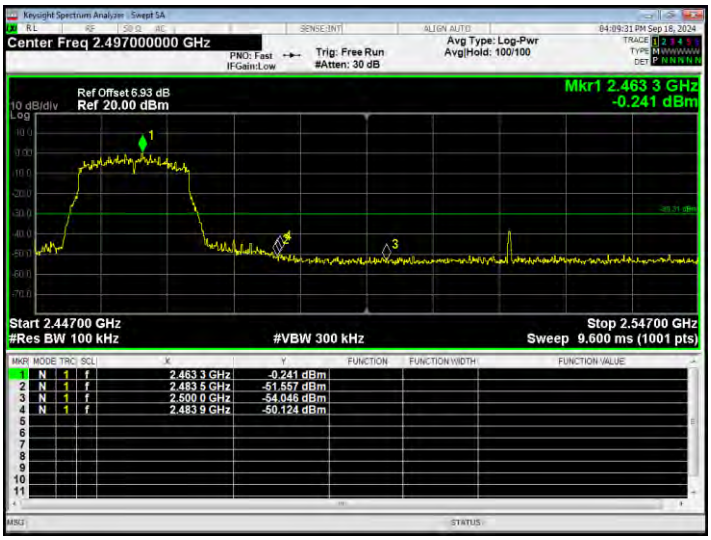

Band Edge NVNT g 2412MHz Ant1 Ref

Band Edge NVNT g 2412MHz Ant1 Emission

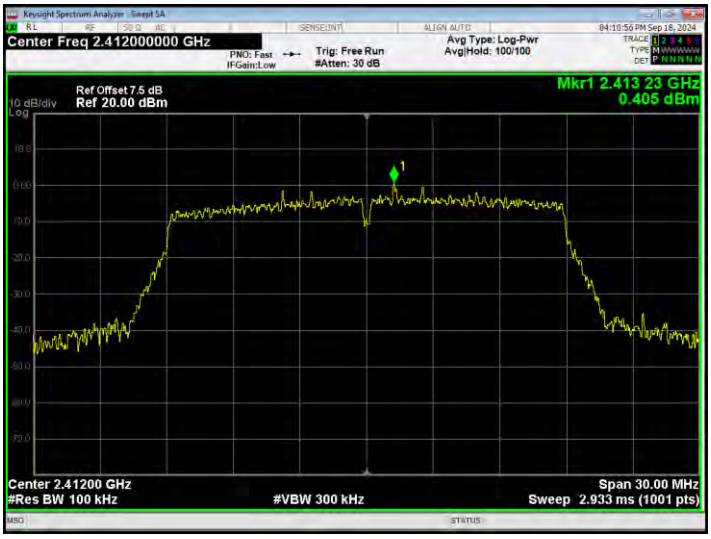



Band Edge NVNT g 2462MHz Ant1 Ref

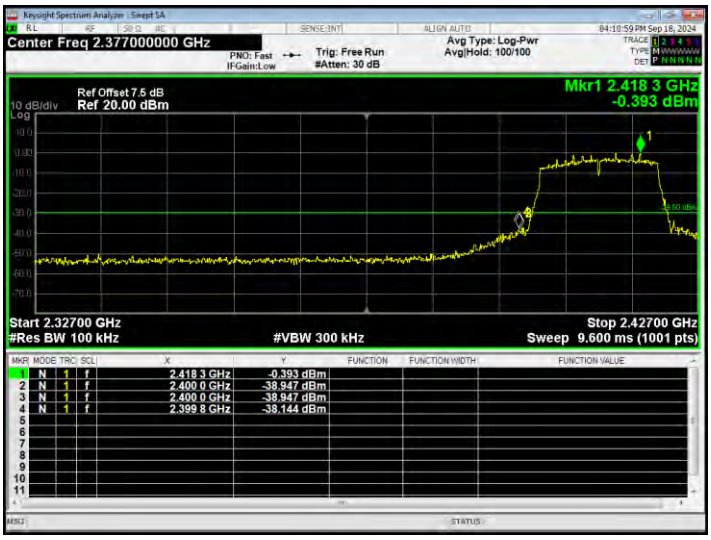
Band Edge NVNT g 2462MHz Ant1 Emission




Band Edge NVNT n20 2412MHz Ant1 Ref

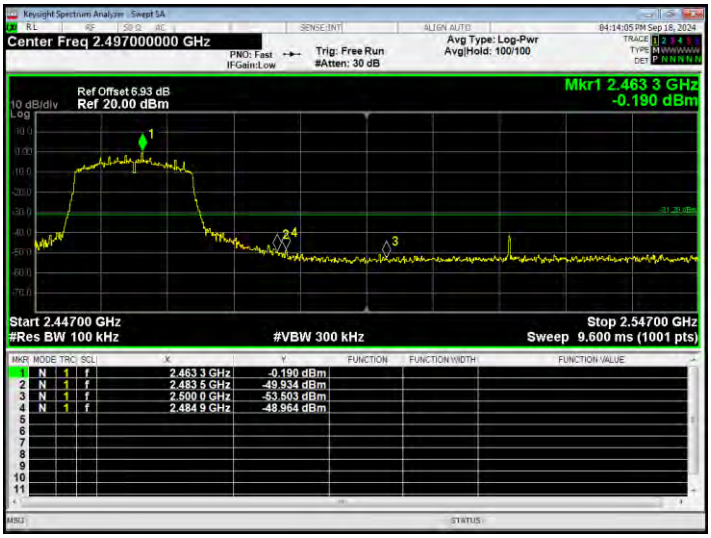



Band Edge NVNT n20 2412MHz Ant1 Emission

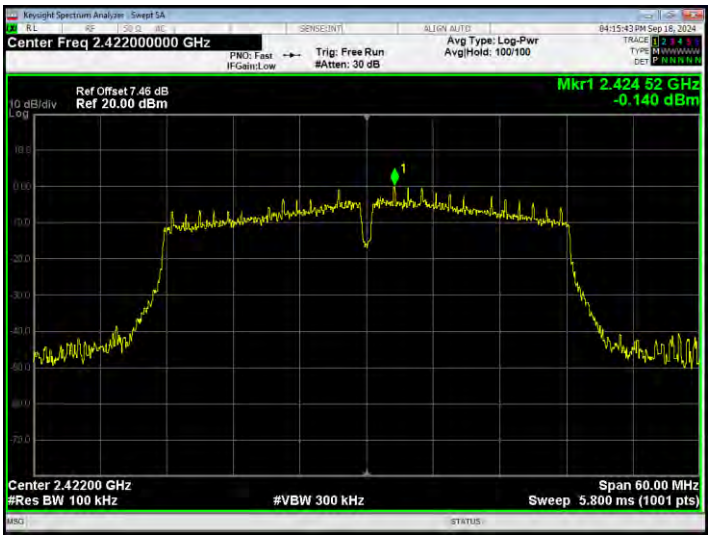



Band Edge NVNT n20 2462MHz Ant1 Ref

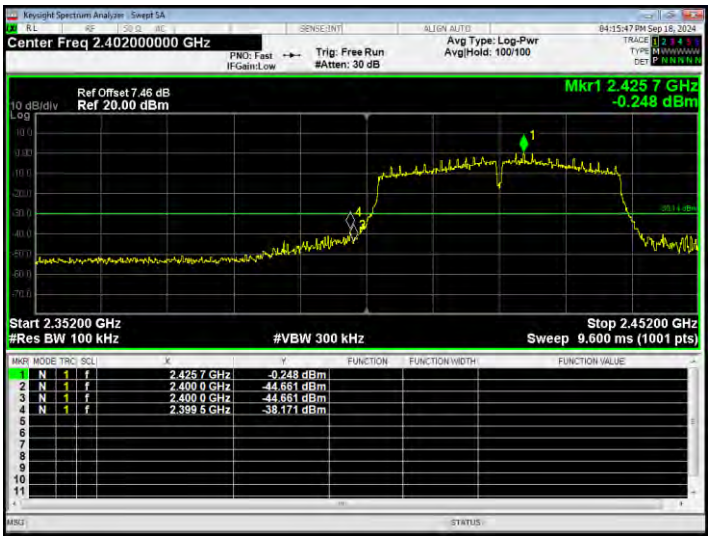
Band Edge NVNT n20 2462MHz Ant1 Emission



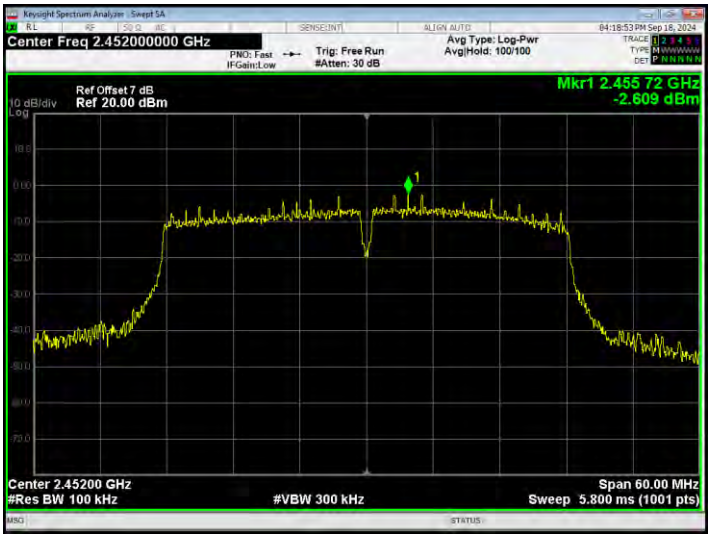

Band Edge NVNT n40 2422MHz Ant1 Ref




Band Edge NVNT n40 2422MHz Ant1 Emission

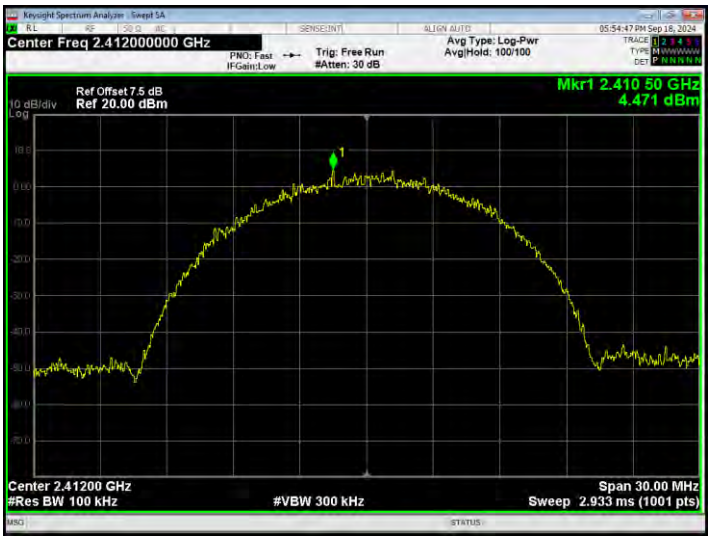



Band Edge NVNT n40 2452MHz Ant1 Ref

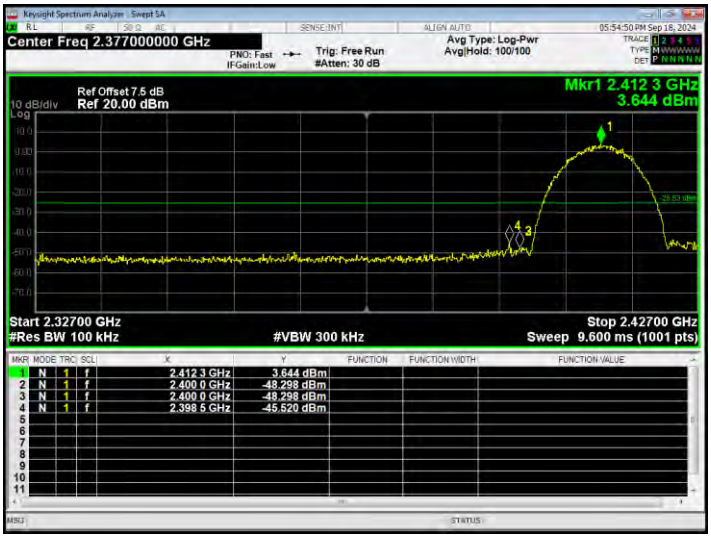



Band Edge NVNT n40 2452MHz Ant1 Emission

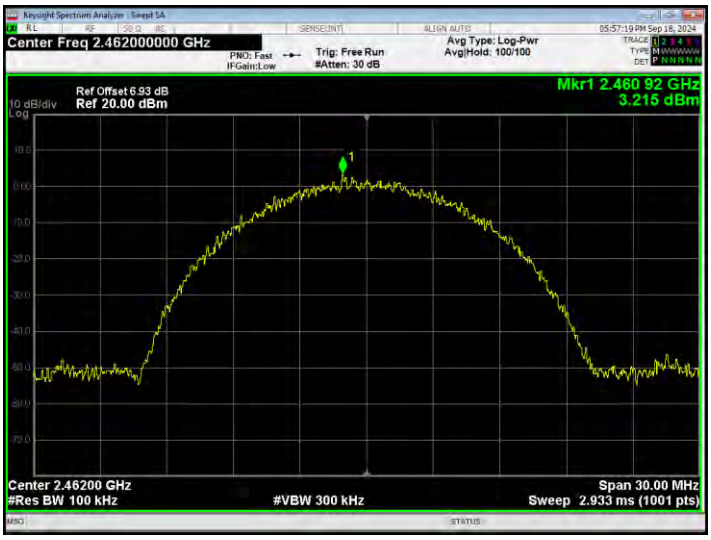
Band Edge NVNT b 2412MHz Ant2 Ref



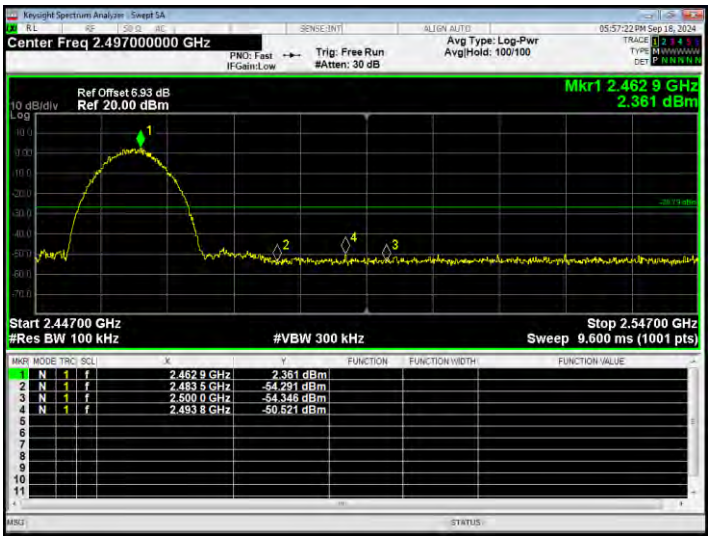

Band Edge NVNT b 2412MHz Ant2 Emission



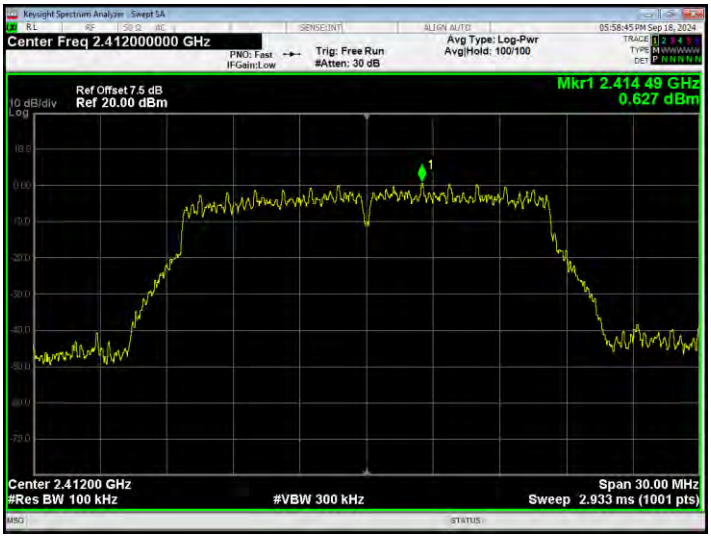

Band Edge NVNT b 2462MHz Ant2 Ref



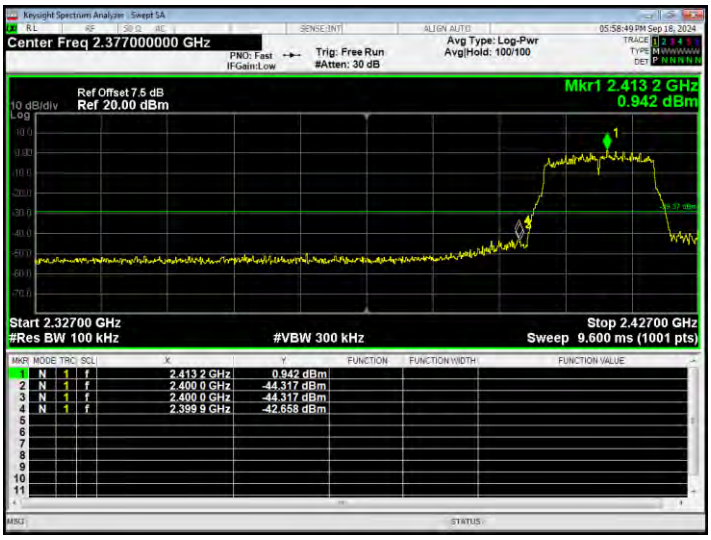

Band Edge NVNT b 2462MHz Ant2 Emission




Band Edge NVNT g 2412MHz Ant2 Ref

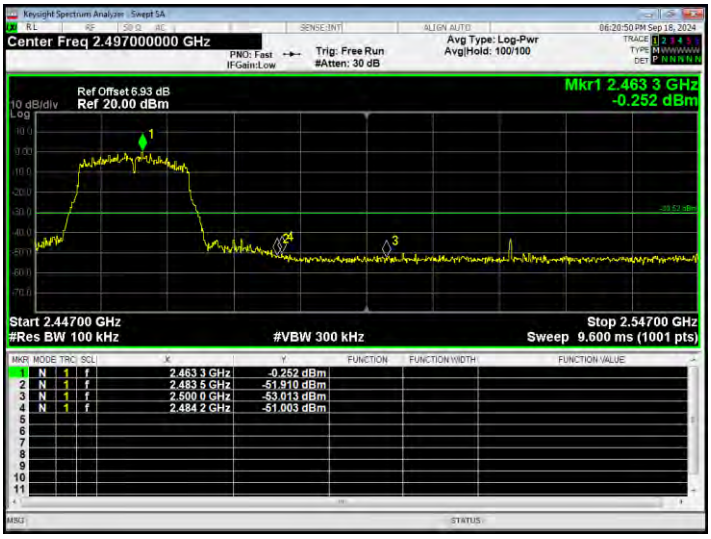



Band Edge NVNT g 2412MHz Ant2 Emission

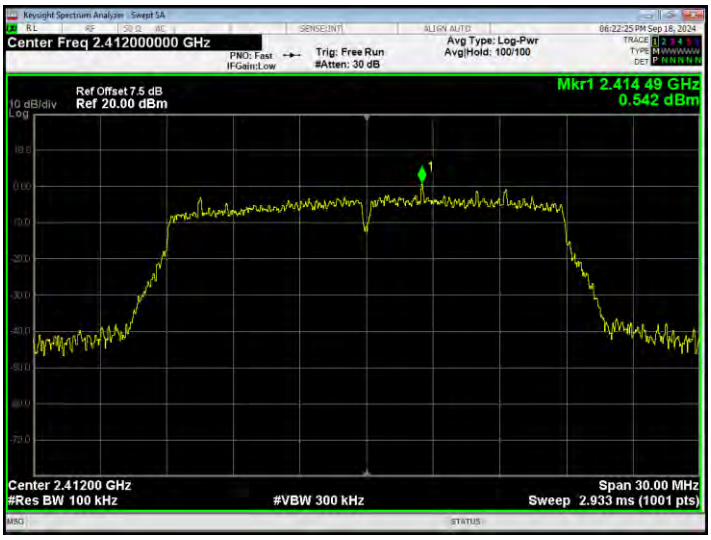



Band Edge NVNT g 2462MHz Ant2 Ref

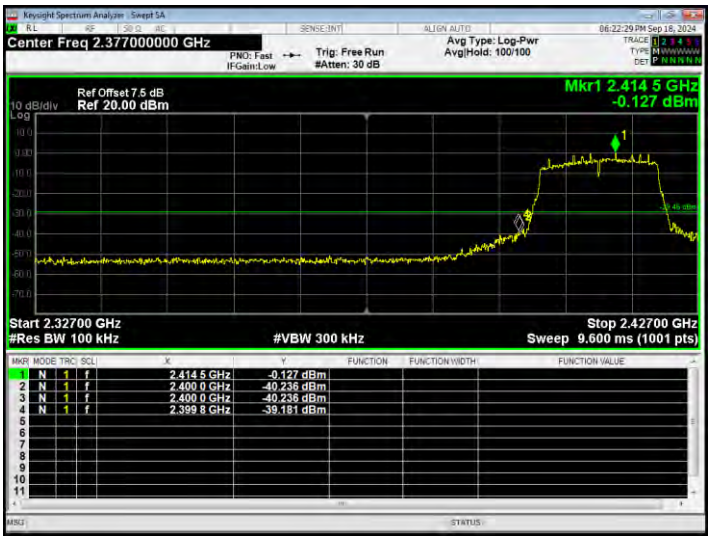
Band Edge NVNT g 2462MHz Ant2 Emission




Band Edge NVNT n20 2412MHz Ant2 Ref

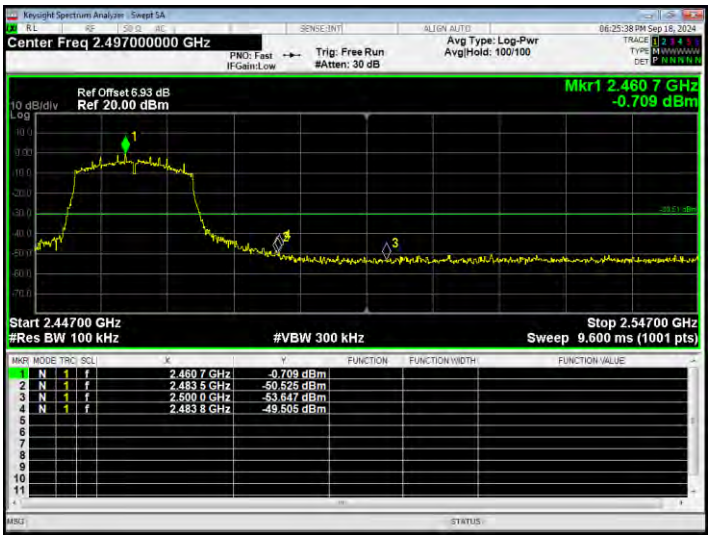



Band Edge NVNT n20 2412MHz Ant2 Emission

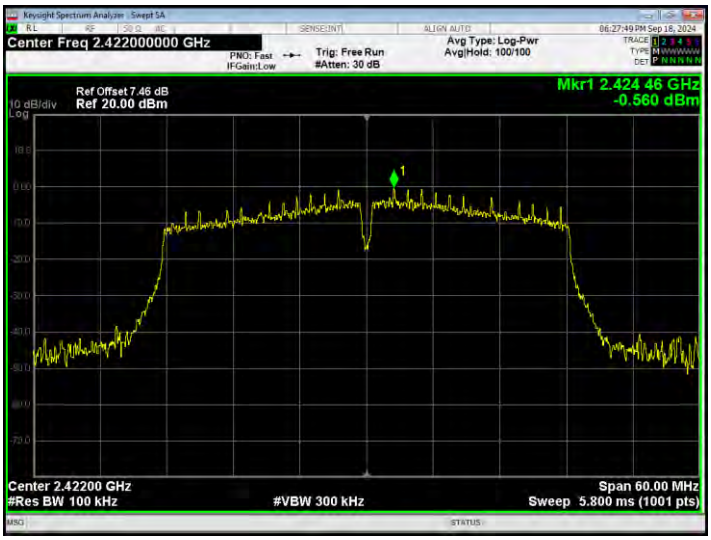



Band Edge NVNT n20 2462MHz Ant2 Ref

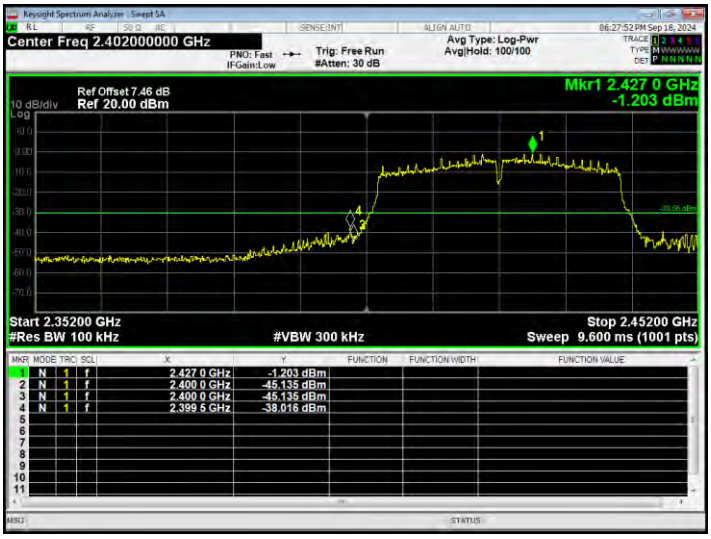
Band Edge NVNT n20 2462MHz Ant2 Emission



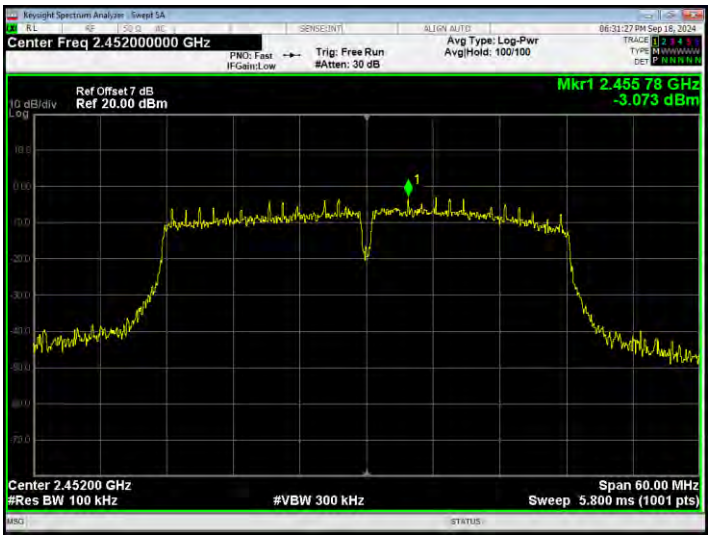

Band Edge NVNT n40 2422MHz Ant2 Ref



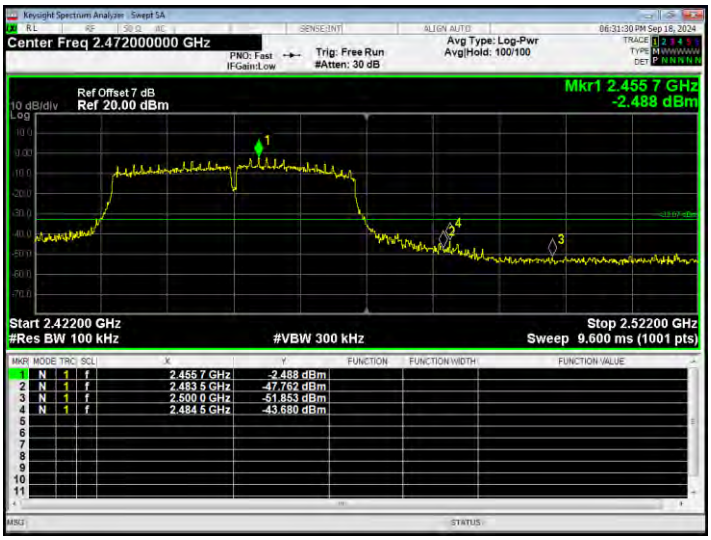

Band Edge NVNT n40 2422MHz Ant2 Emission




Band Edge NVNT n40 2452MHz Ant2 Ref




Band Edge NVNT n40 2452MHz Ant2 Emission



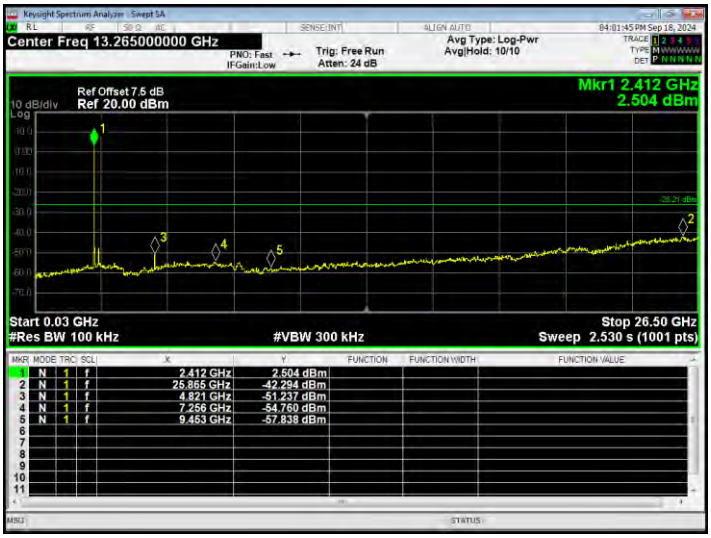
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant1 | -46.08 | -30 | Pass |
| NVNT | b | 2437 | Ant1 | -45.97 | -30 | Pass |
| NVNT | b | 2462 | Ant1 | -43.47 | -30 | Pass |
| NVNT | g | 2412 | Ant1 | -33.17 | -30 | Pass |
| NVNT | g | 2437 | Ant1 | -43.13 | -30 | Pass |
| NVNT | g | 2462 | Ant1 | -41.27 | -30 | Pass |
| NVNT | n20 | 2412 | Ant1 | -41.97 | -30 | Pass |
| NVNT | n20 | 2437 | Ant1 | -42.61 | -30 | Pass |
| NVNT | n20 | 2462 | Ant1 | -40.22 | -30 | Pass |
| NVNT | n40 | 2422 | Ant1 | -42.2 | -30 | Pass |
| NVNT | n40 | 2437 | Ant1 | -39.72 | -30 | Pass |
| NVNT | n40 | 2452 | Ant1 | -39.75 | -30 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant2 | -45.5 | -30 | Pass |
| NVNT | b | 2437 | Ant2 | -45.97 | -30 | Pass |
| NVNT | b | 2462 | Ant2 | -45.3 | -30 | Pass |
| NVNT | g | 2412 | Ant2 | -42.1 | -30 | Pass |
| NVNT | g | 2437 | Ant2 | -42.92 | -30 | Pass |
| NVNT | g | 2462 | Ant2 | -41.39 | -30 | Pass |
| NVNT | n20 | 2412 | Ant2 | -41.08 | -30 | Pass |
| NVNT | n20 | 2437 | Ant2 | -42.91 | -30 | Pass |
| NVNT | n20 | 2462 | Ant2 | -41.83 | -30 | Pass |
| NVNT | n40 | 2422 | Ant2 | -42.18 | -30 | Pass |
| NVNT | n40 | 2437 | Ant2 | -40.82 | -30 | Pass |
| NVNT | n40 | 2452 | Ant2 | -39.57 | -30 | Pass |

Tx. Spurious NVNT b 2412MHz Ant1 Ref

Tx. Spurious NVNT b 2412MHz Ant1 Emission

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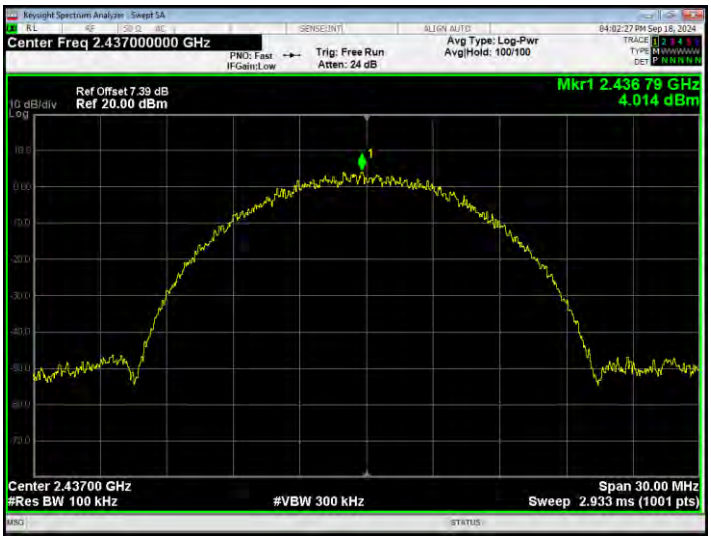
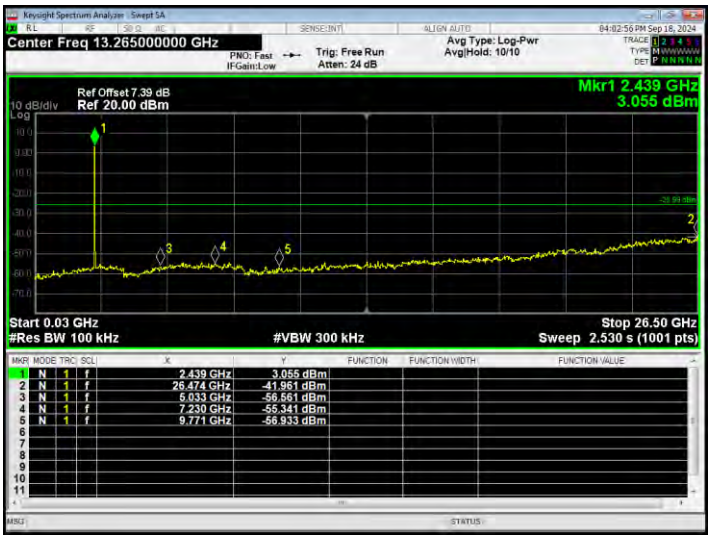



Tx. Spurious NVNT b 2437MHz Ant1 Emission

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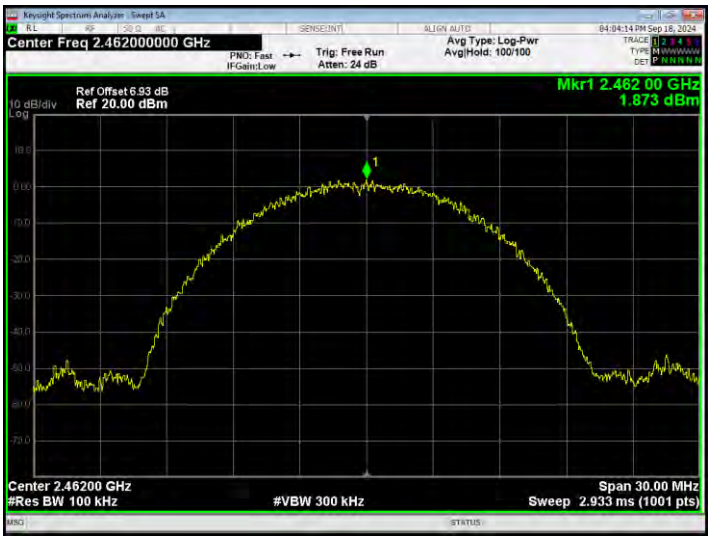
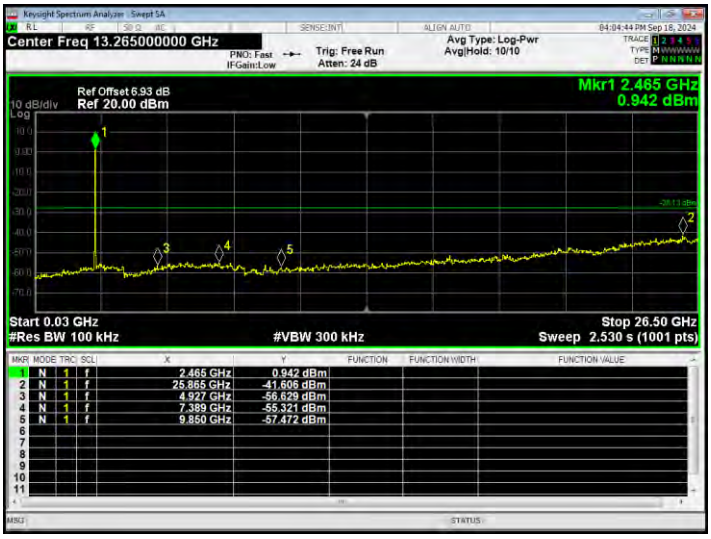
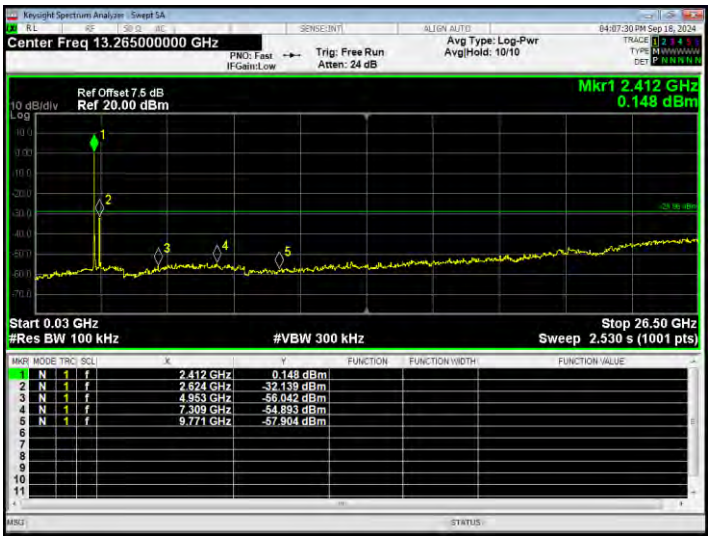



Tx. Spurious NVNT b 2462MHz Ant1 Emission



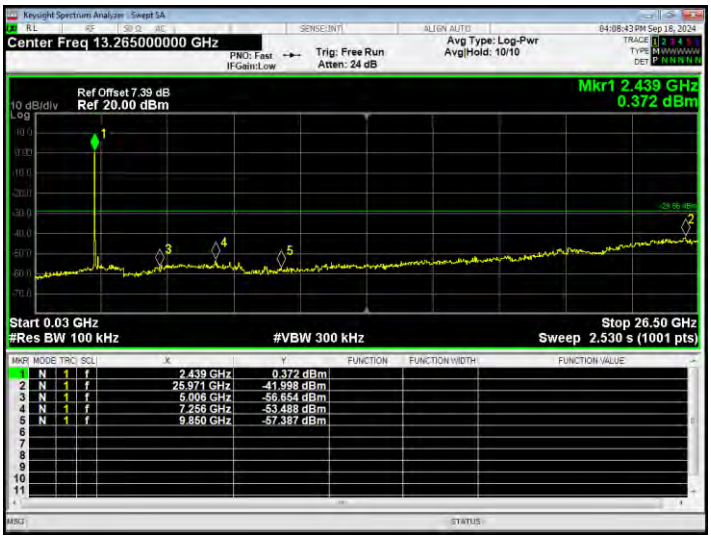

Tx. Spurious NVNT g 2412MHz Ant1 Ref

Tx. Spurious NVNT g 2412MHz Ant1 Emission



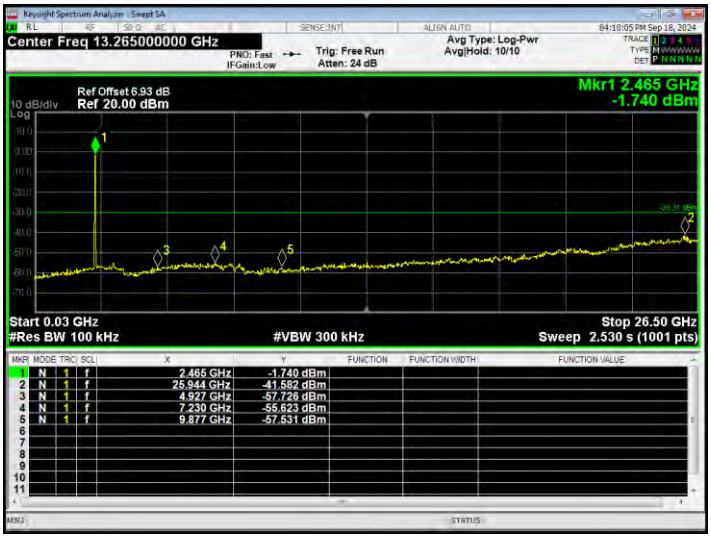

Tx. Spurious NVNT g 2437MHz Ant1 Ref

Tx. Spurious NVNT g 2437MHz Ant1 Emission

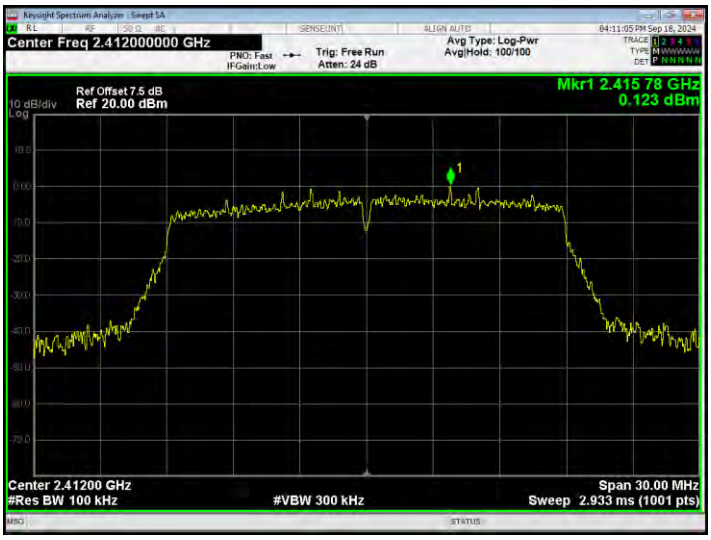



Tx. Spurious NVNT g 2462MHz Ant1 Ref

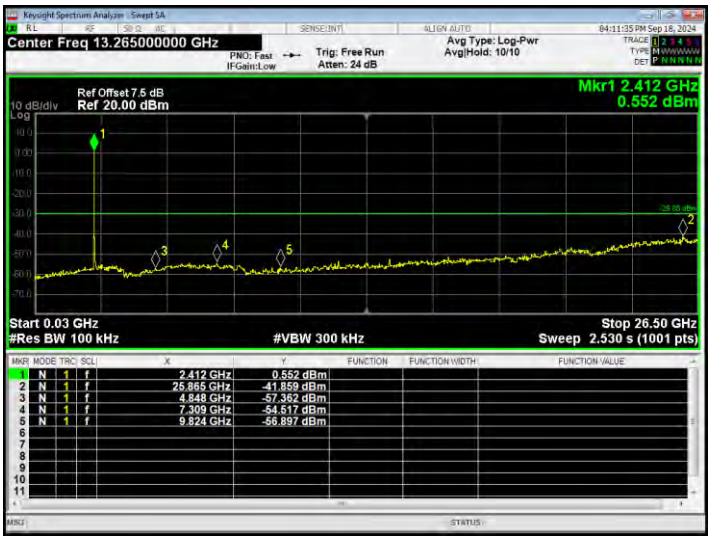
Tx. Spurious NVNT g 2462MHz Ant1 Emission



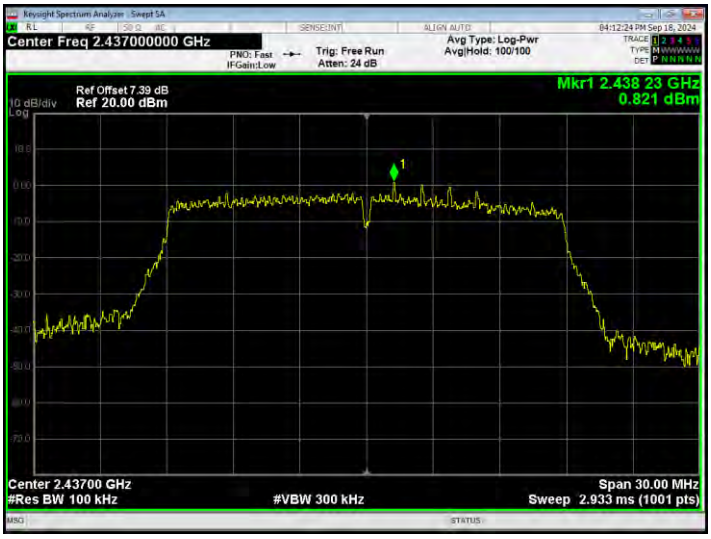

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



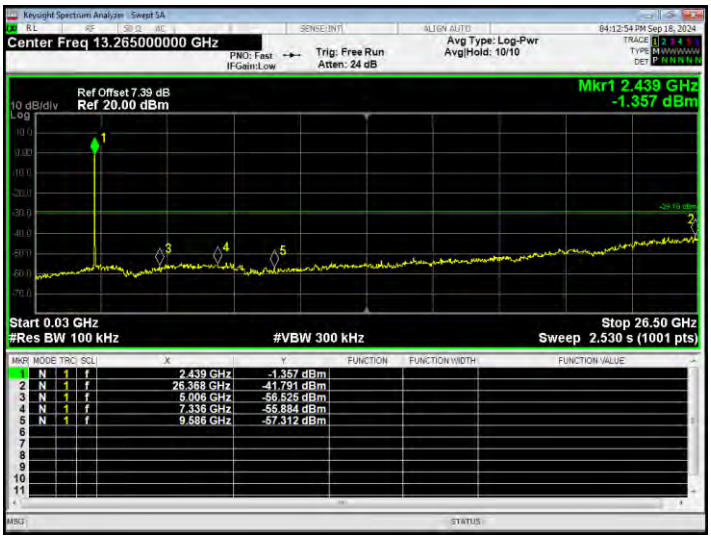

Tx. Spurious NVNT n20 2412MHz Ant1 Emission



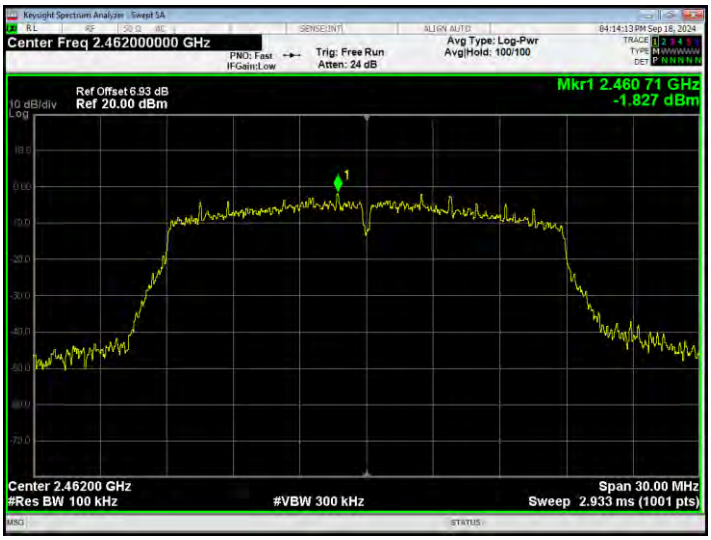

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



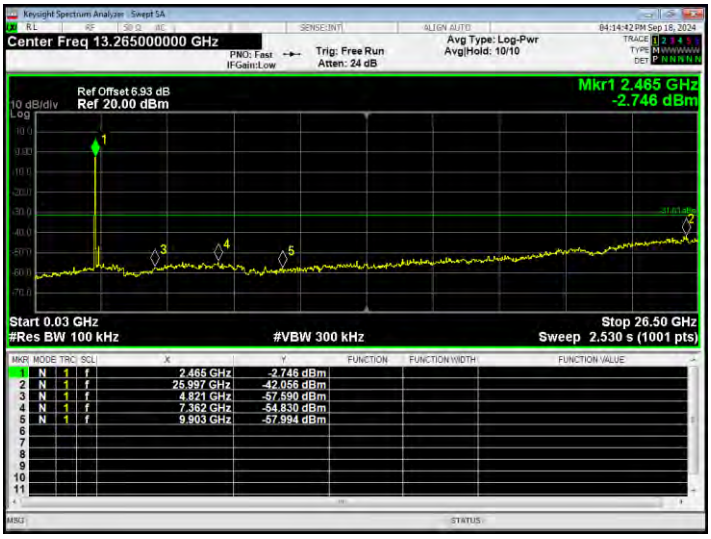

Tx. Spurious NVNT n20 2437MHz Ant1 Emission



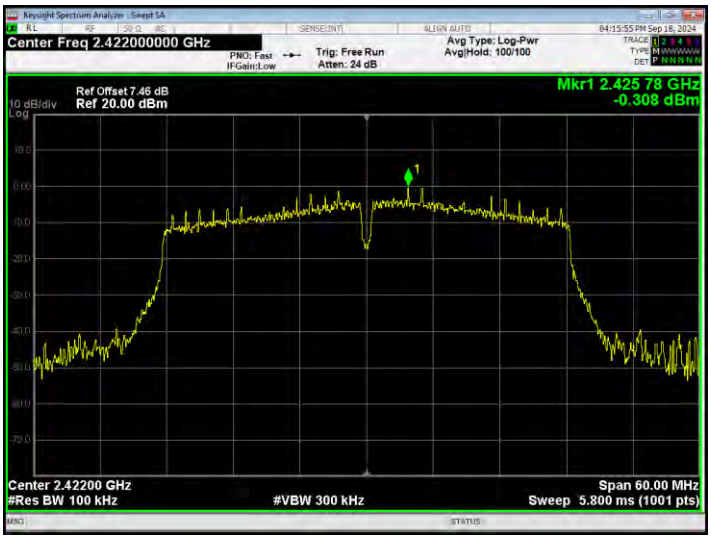

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



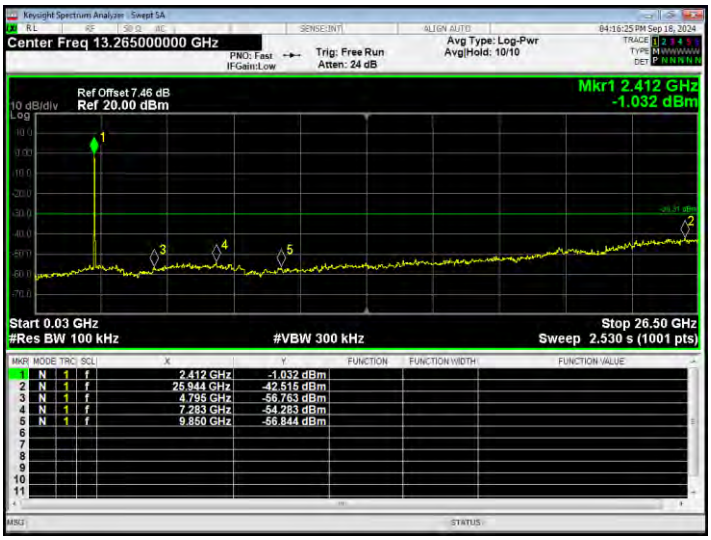

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



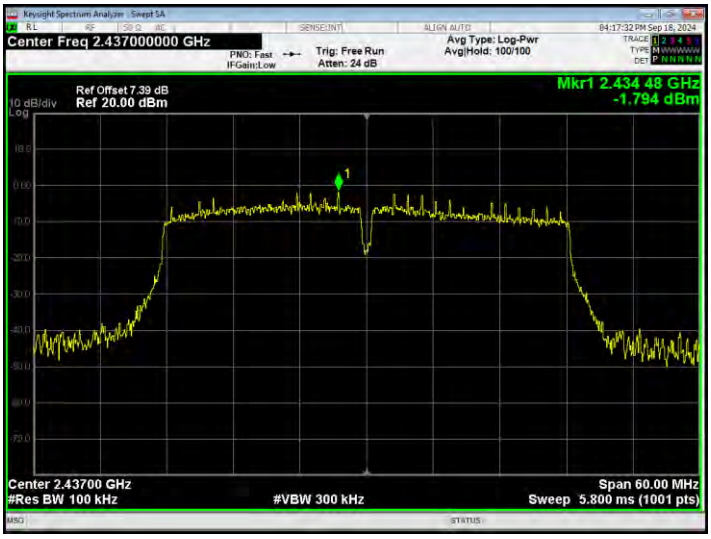

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



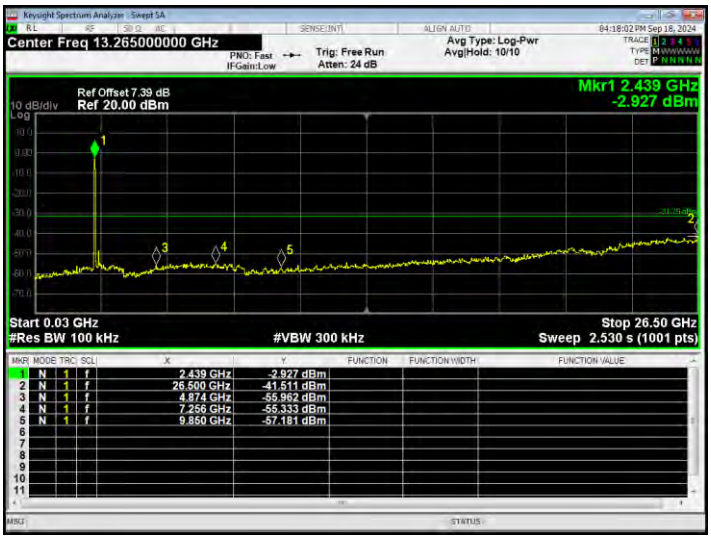

Tx. Spurious NVNT n40 2422MHz Ant1 Emission



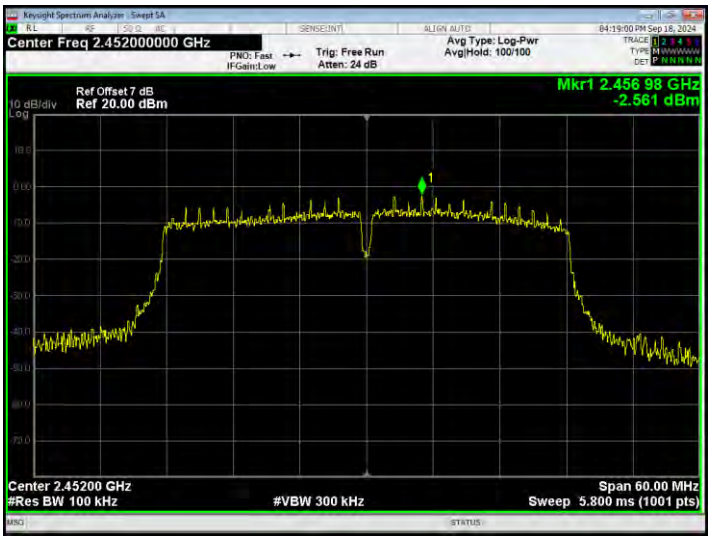

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



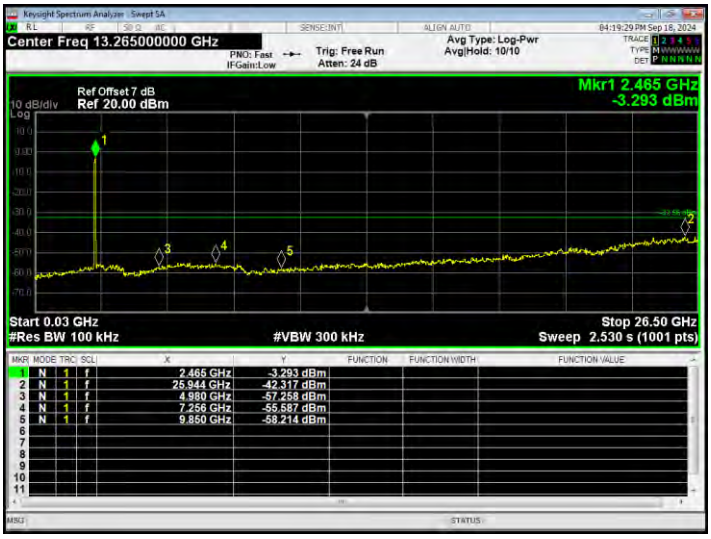

Tx. Spurious NVNT n40 2437MHz Ant1 Emission



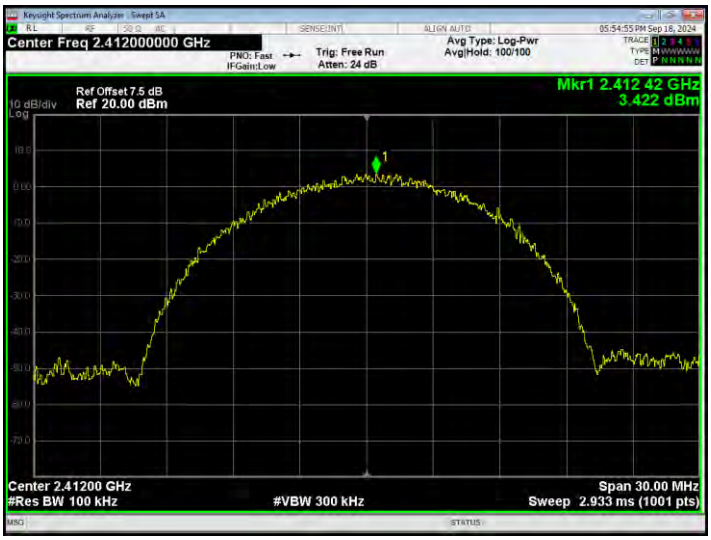

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



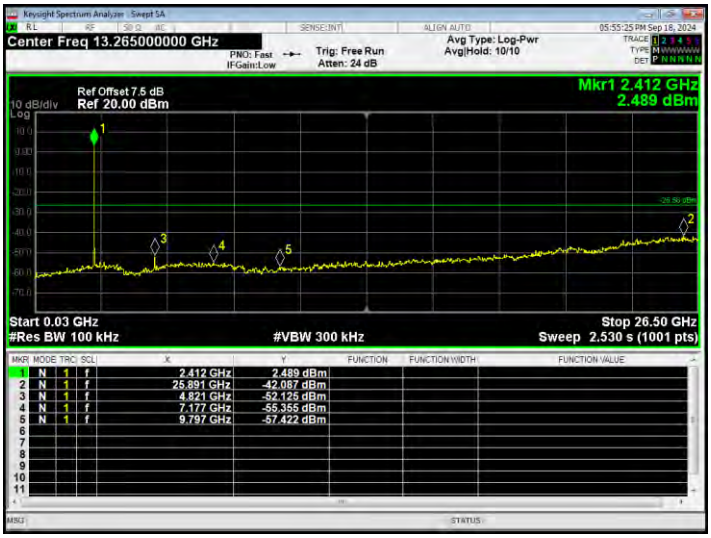

Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Tx. Spurious NVNT b 2412MHz Ant2 Ref




Tx. Spurious NVNT b 2412MHz Ant2 Emission

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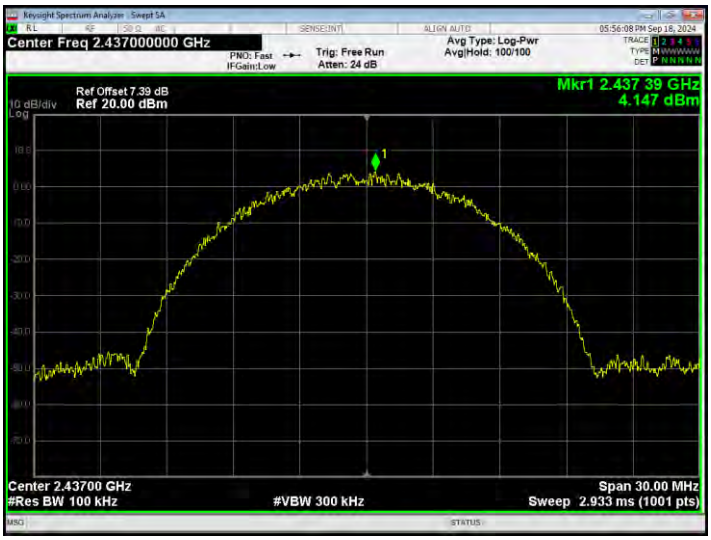


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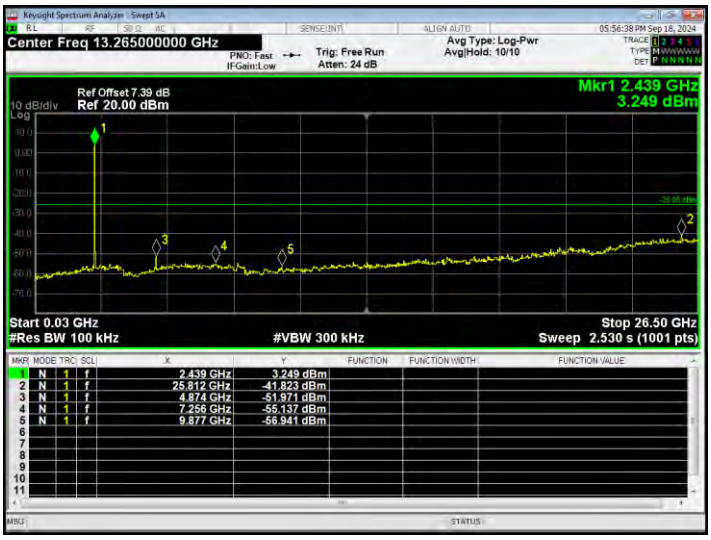
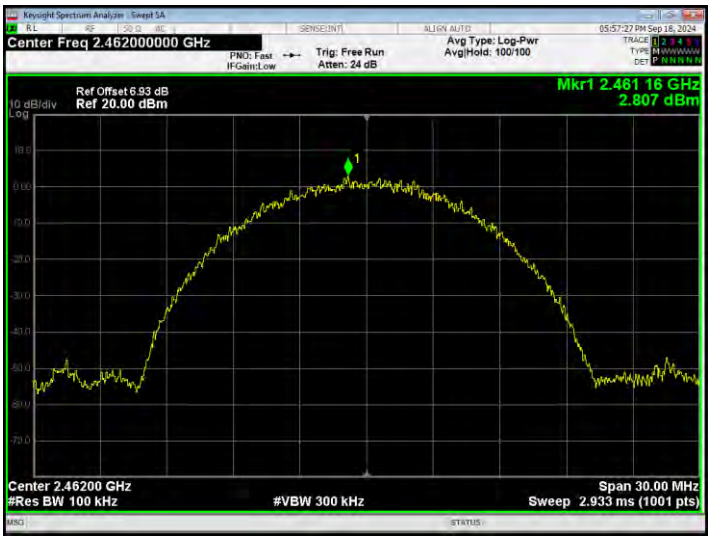
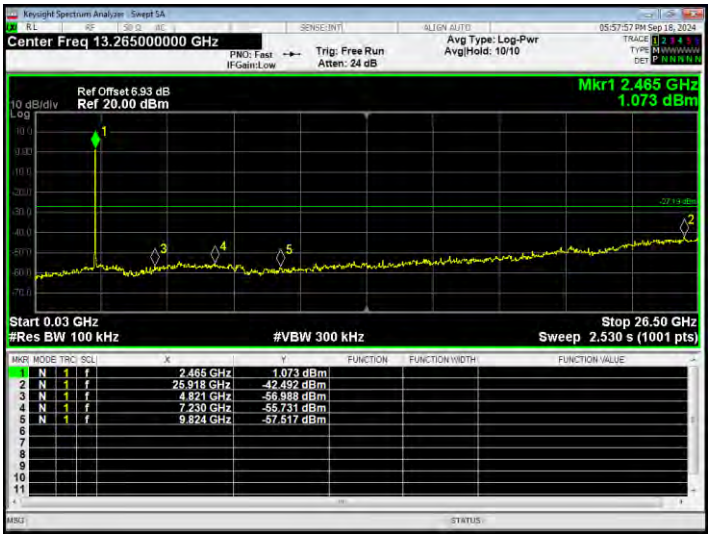



Tx. Spurious NVNT b 2462MHz Ant2 Ref

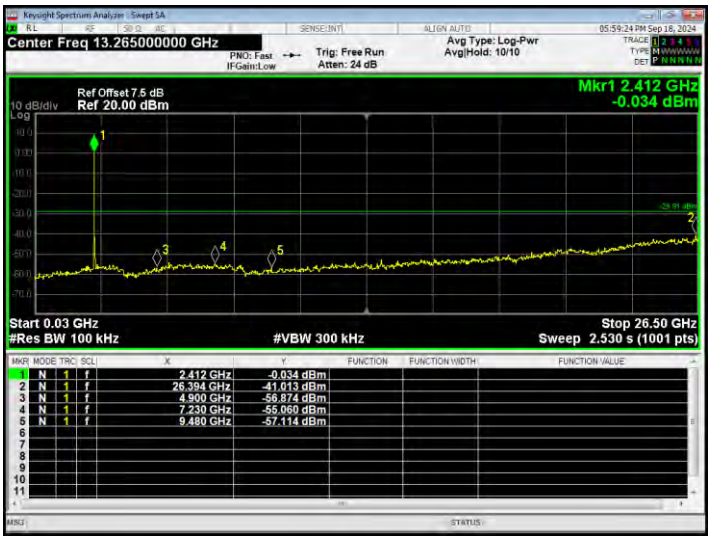



Tx. Spurious NVNT b 2462MHz Ant2 Emission



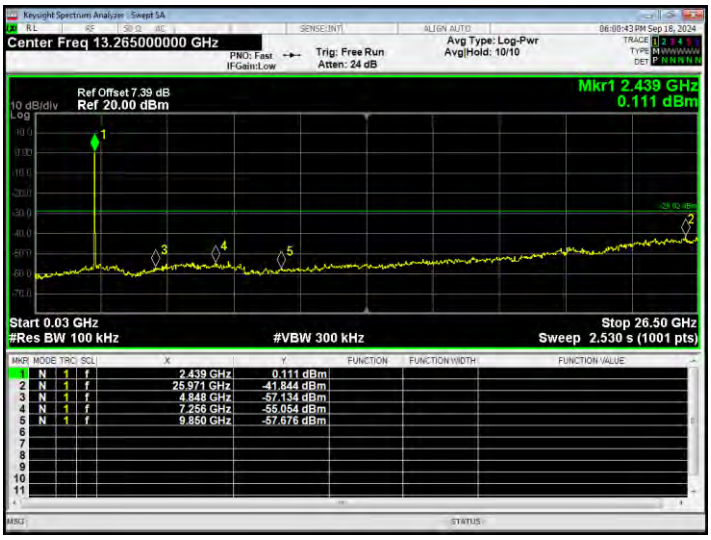

Tx. Spurious NVNT g 2412MHz Ant2 Ref

Tx. Spurious NVNT g 2412MHz Ant2 Emission



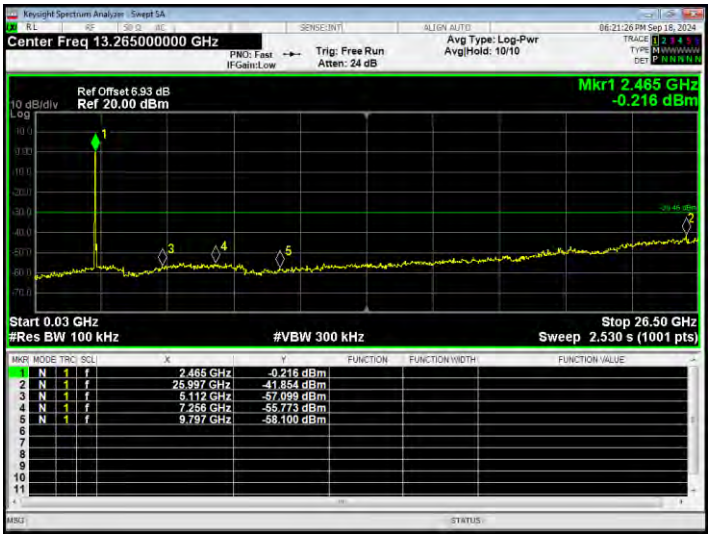

Tx. Spurious NVNT g 2437MHz Ant2 Ref

Tx. Spurious NVNT g 2437MHz Ant2 Emission

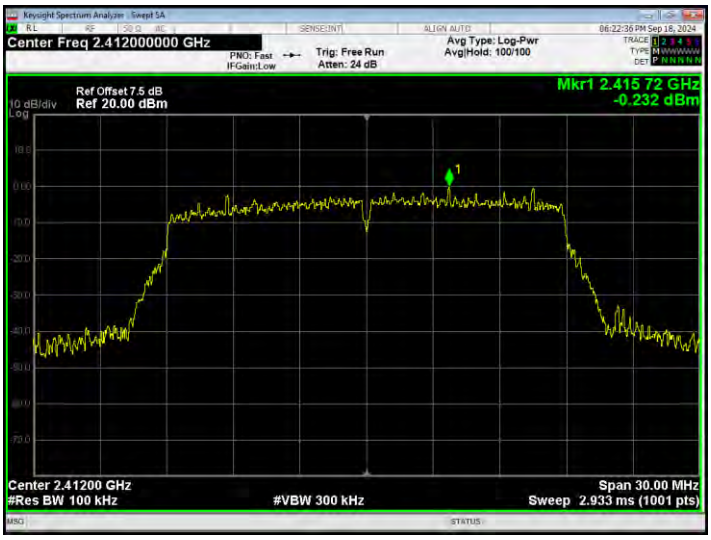



Tx. Spurious NVNT g 2462MHz Ant2 Ref

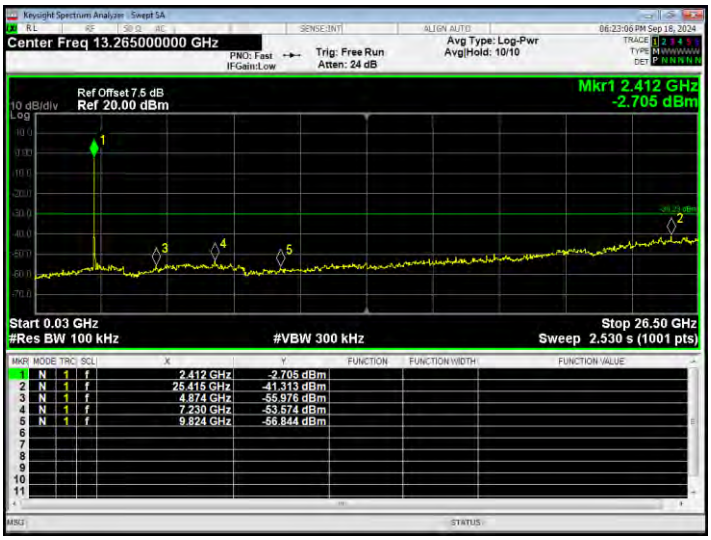
Tx. Spurious NVNT g 2462MHz Ant2 Emission




Tx. Spurious NVNT n20 2412MHz Ant2 Ref

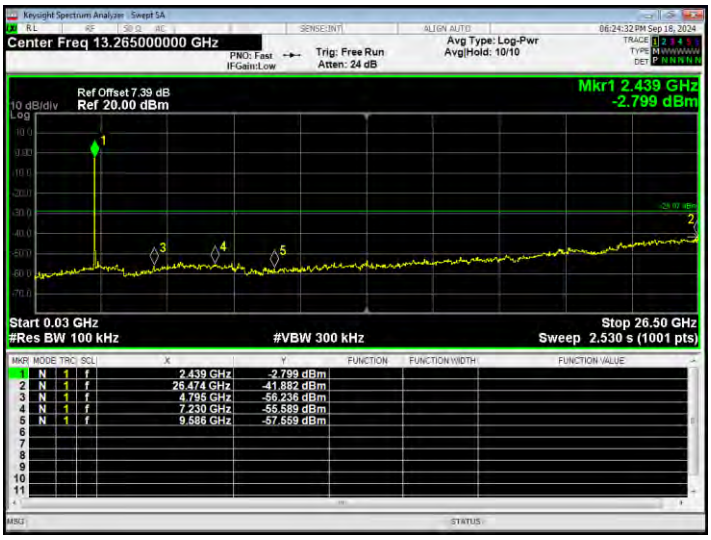



Tx. Spurious NVNT n20 2412MHz Ant2 Emission




Tx. Spurious NVNT n20 2437MHz Ant2 Ref

Tx. Spurious NVNT n20 2437MHz Ant2 Emission




Tx. Spurious NVNT n20 2462MHz Ant2 Ref

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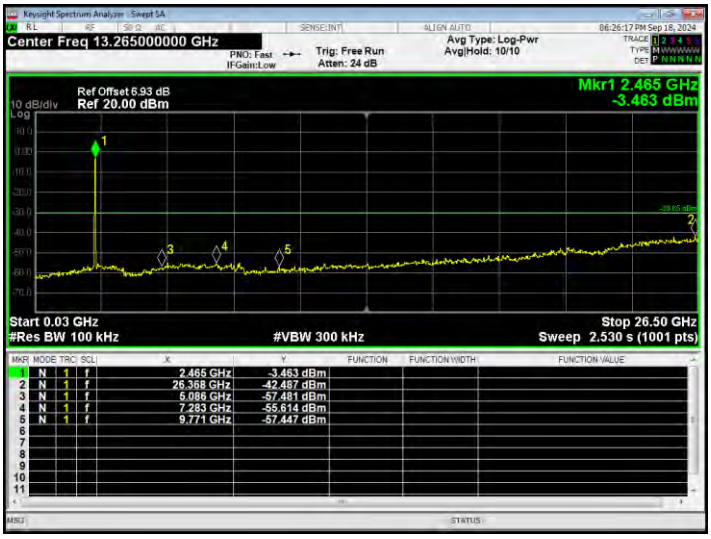
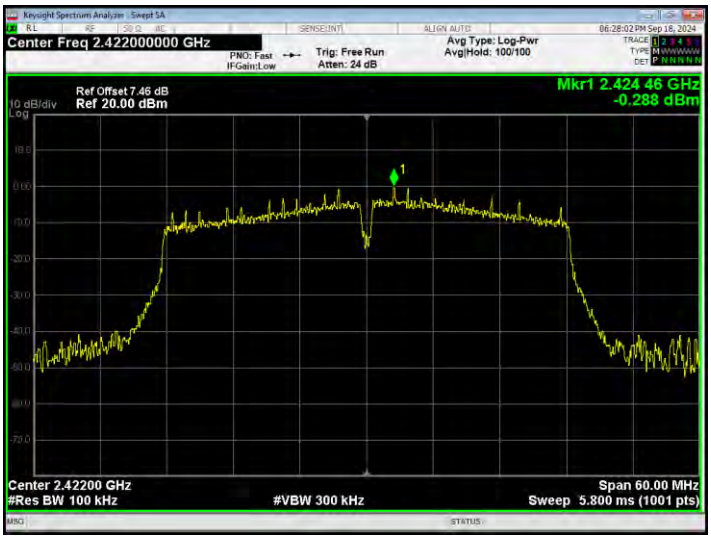
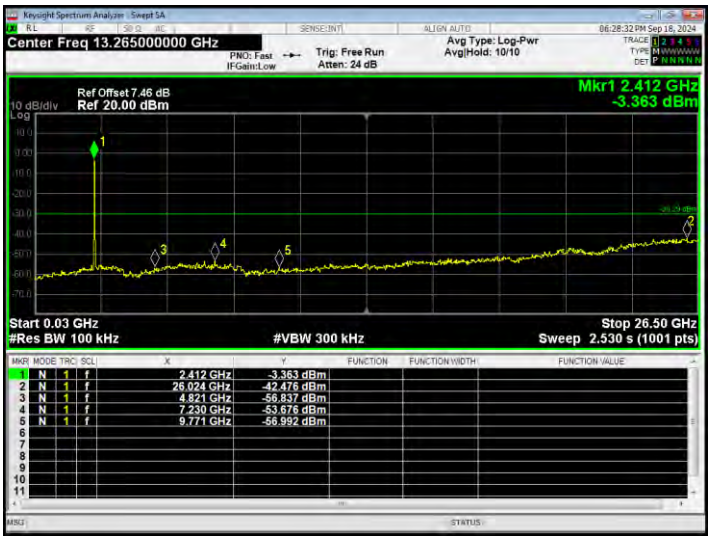


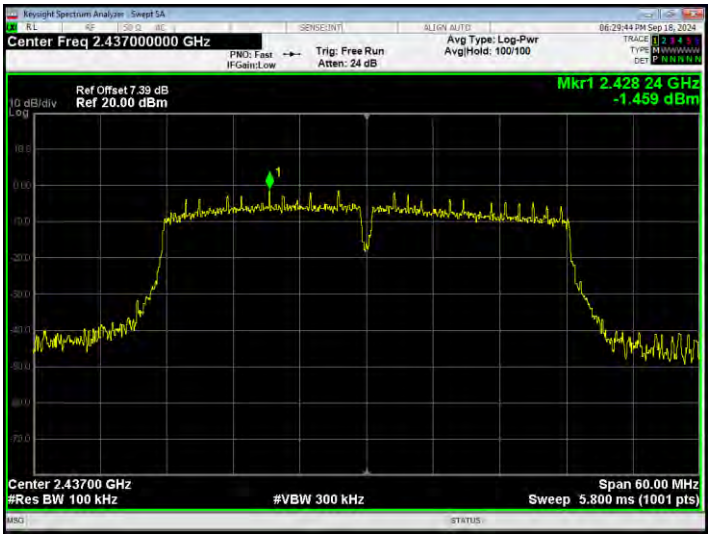

Tx. Spurious NVNT n40 2422MHz Ant2 Ref



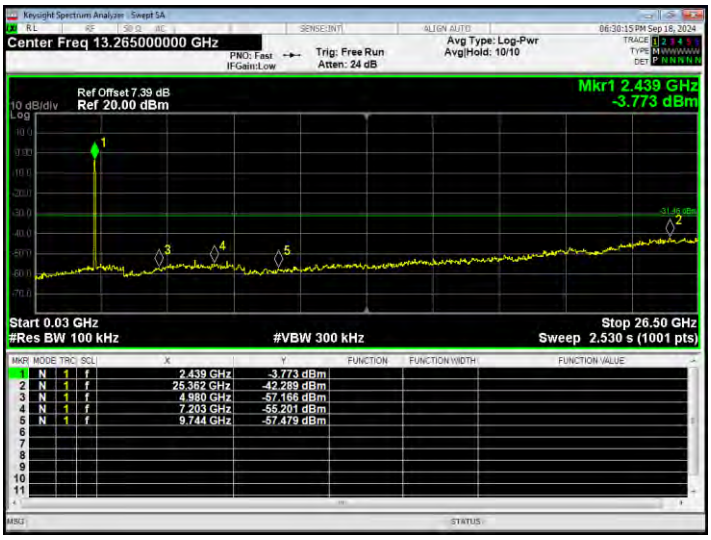

Tx. Spurious NVNT n40 2422MHz Ant2 Emission



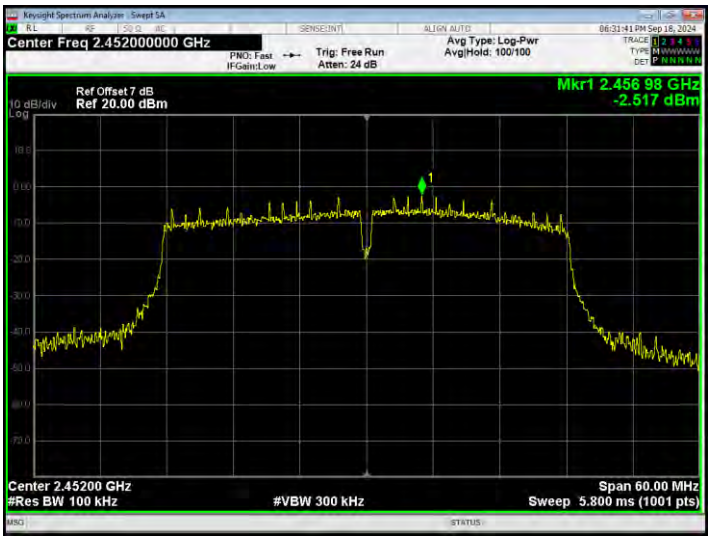

Tx. Spurious NVNT n40 2437MHz Ant2 Ref

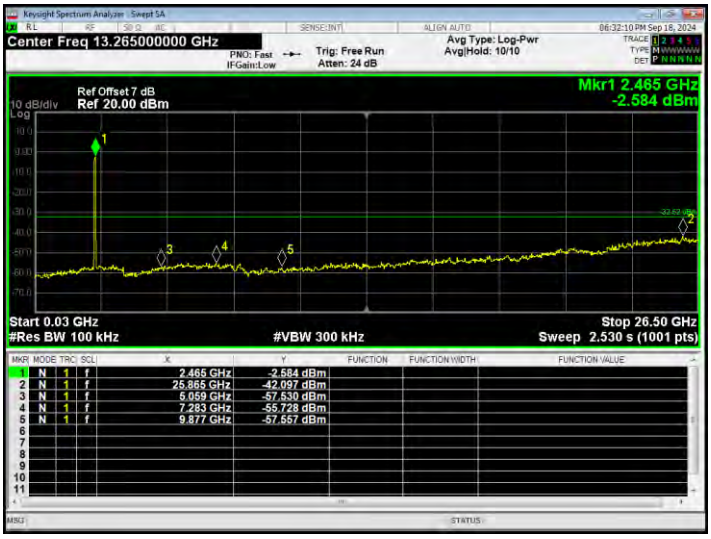



Tx. Spurious NVNT n40 2437MHz Ant2 Emission




Tx. Spurious NVNT n40 2452MHz Ant2 Ref

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