

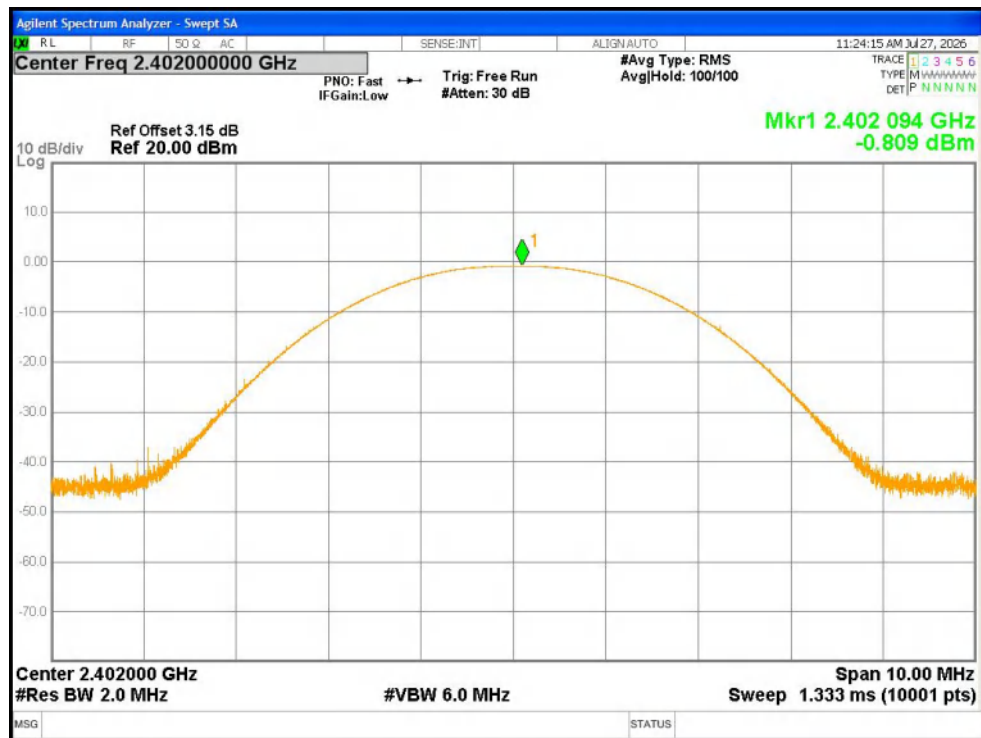
Dongguan Beloong Technology Co., Ltd.

Model: LCWY-550CMD

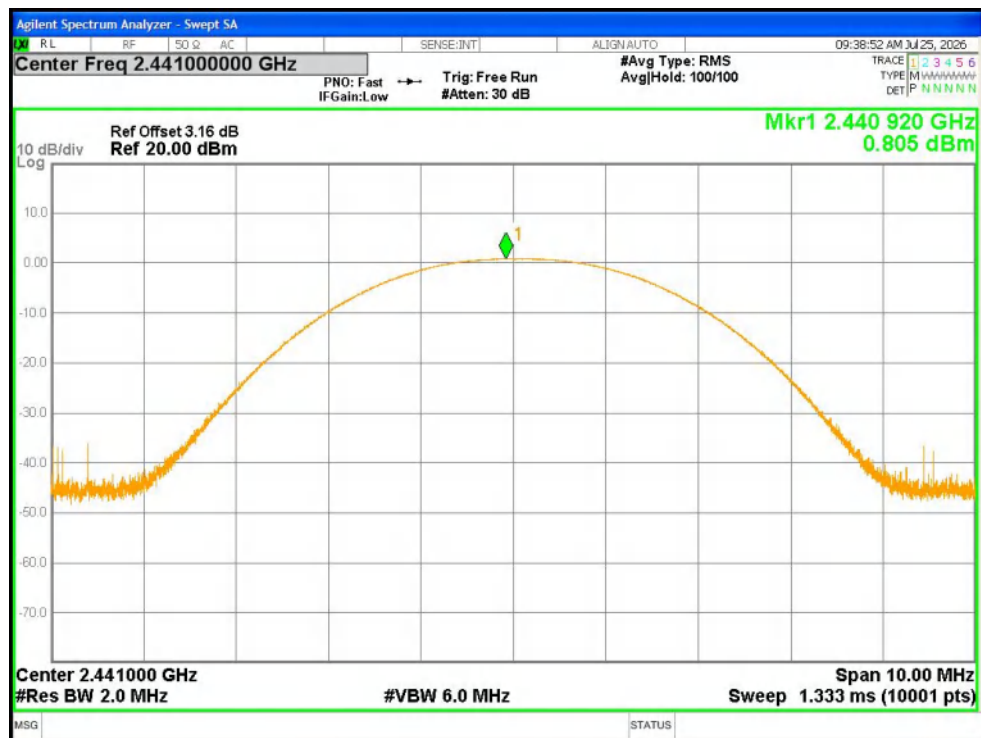
FCC ID:2BXMN-LCWY550CMD

1. Maximum Peak Conducted Output Power

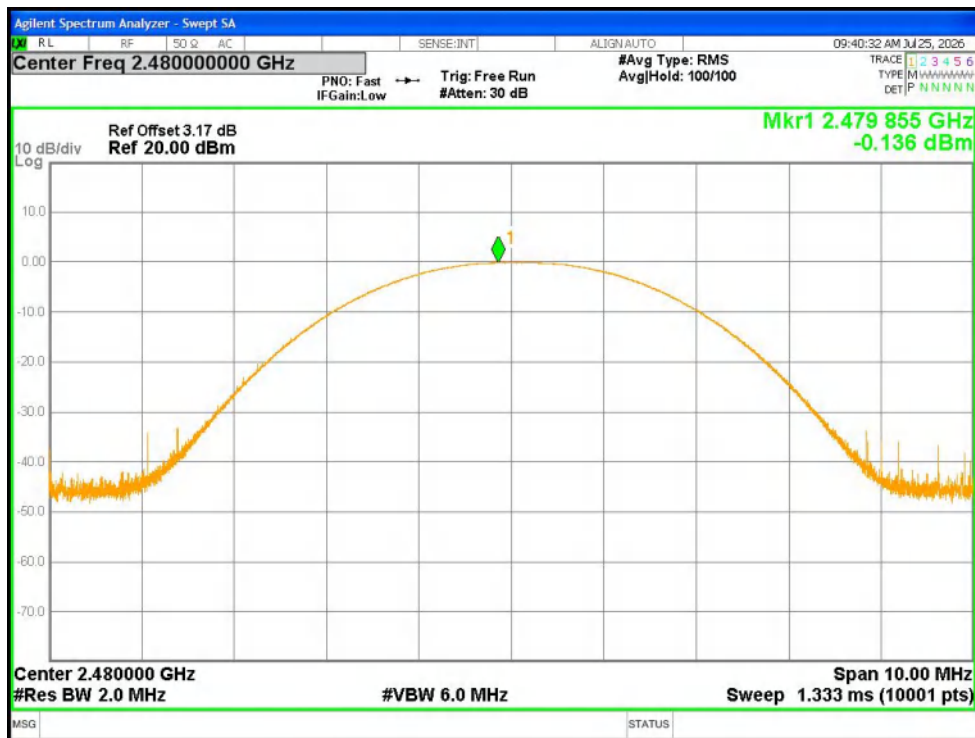
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.81	-0.81	21	Pass
NVNT	1-DH5	2441	Ant1	0.81	0.81	21	Pass
NVNT	1-DH5	2480	Ant1	-0.14	-0.14	21	Pass
NVNT	2-DH5	2402	Ant1	2.11	2.11	21	Pass
NVNT	2-DH5	2441	Ant1	1.64	1.64	21	Pass
NVNT	2-DH5	2480	Ant1	0.75	0.75	21	Pass
NVNT	3-DH5	2402	Ant1	2.52	2.52	21	Pass
NVNT	3-DH5	2441	Ant1	2.1	2.1	21	Pass
NVNT	3-DH5	2480	Ant1	1.16	1.16	21	Pass



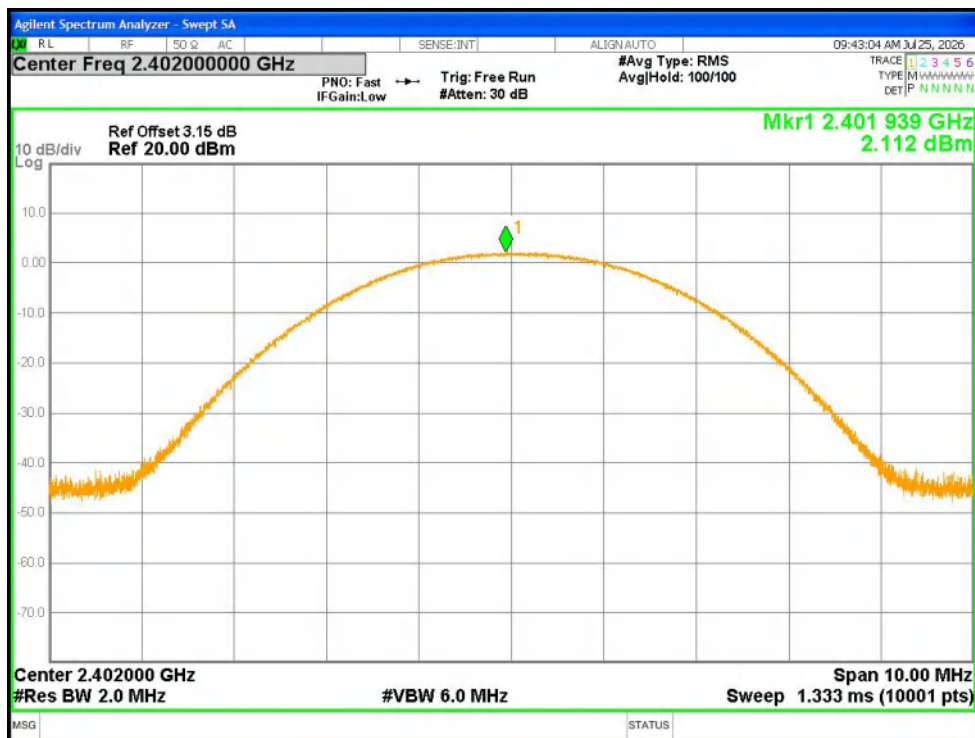
Peak Power NVNT 1-DH5 2402MHz Ant1



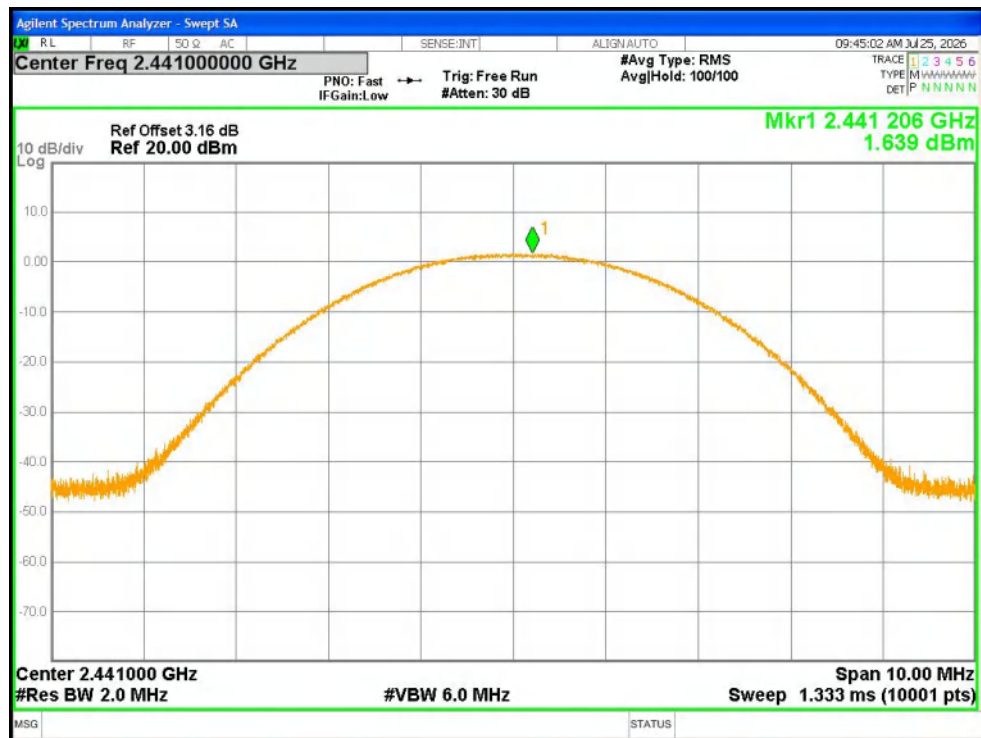
Peak Power NVNT 1-DH5 2441MHz Ant1



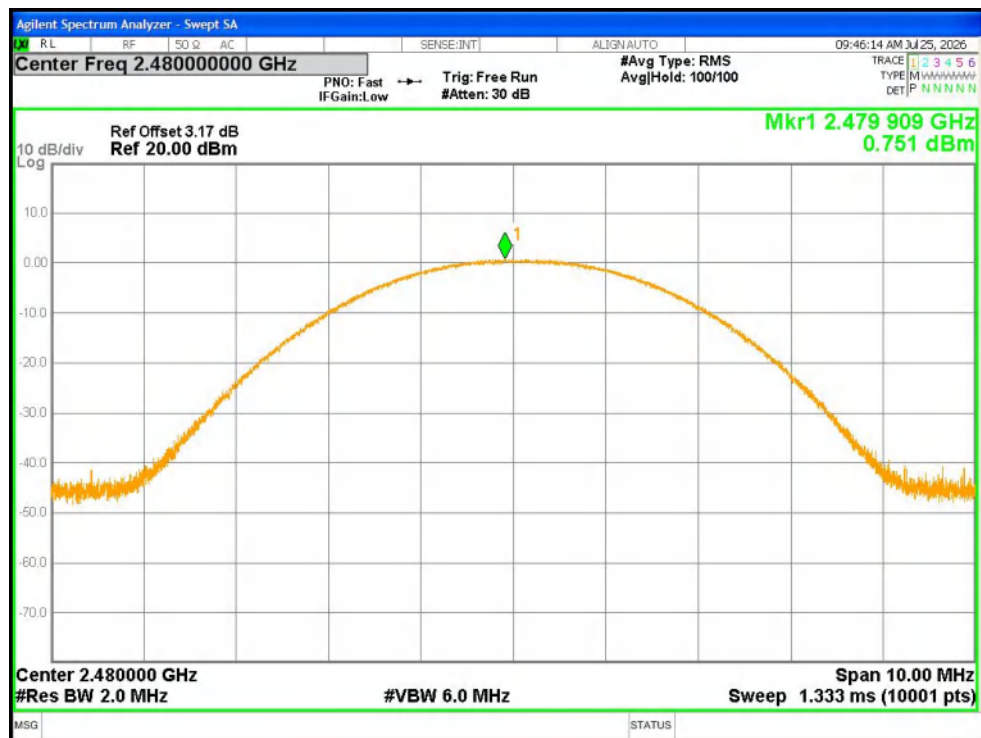
Peak Power NVNT 1-DH5 2480MHz Ant1



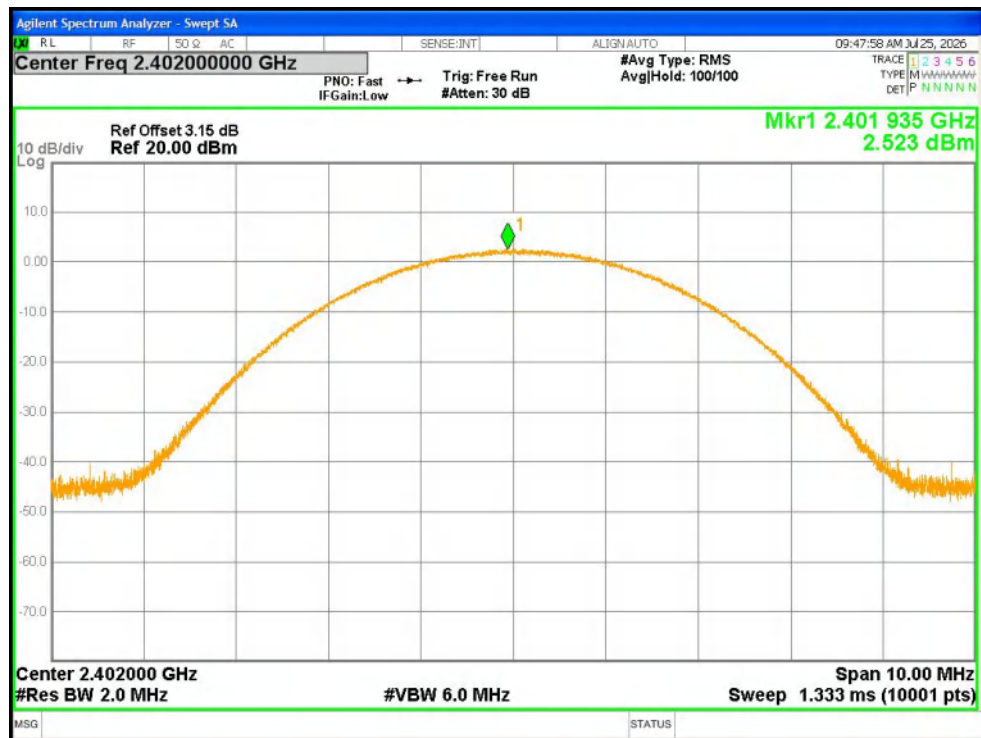
Peak Power NVNT 2-DH5 2402MHz Ant1



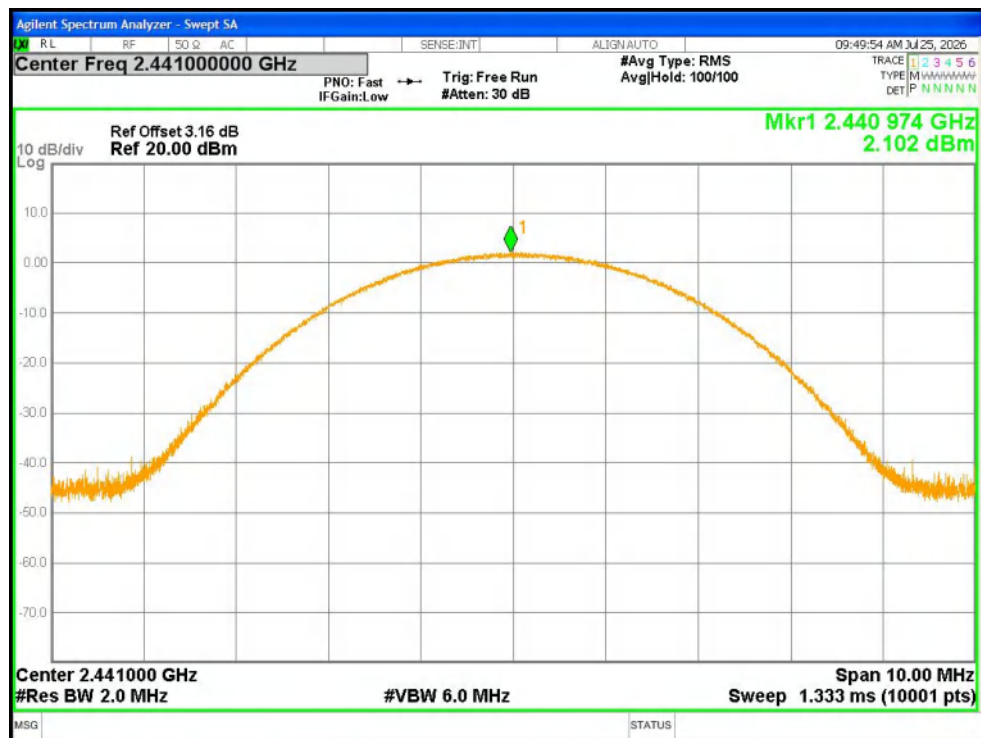
Peak Power NVNT 2-DH5 2441MHz Ant1



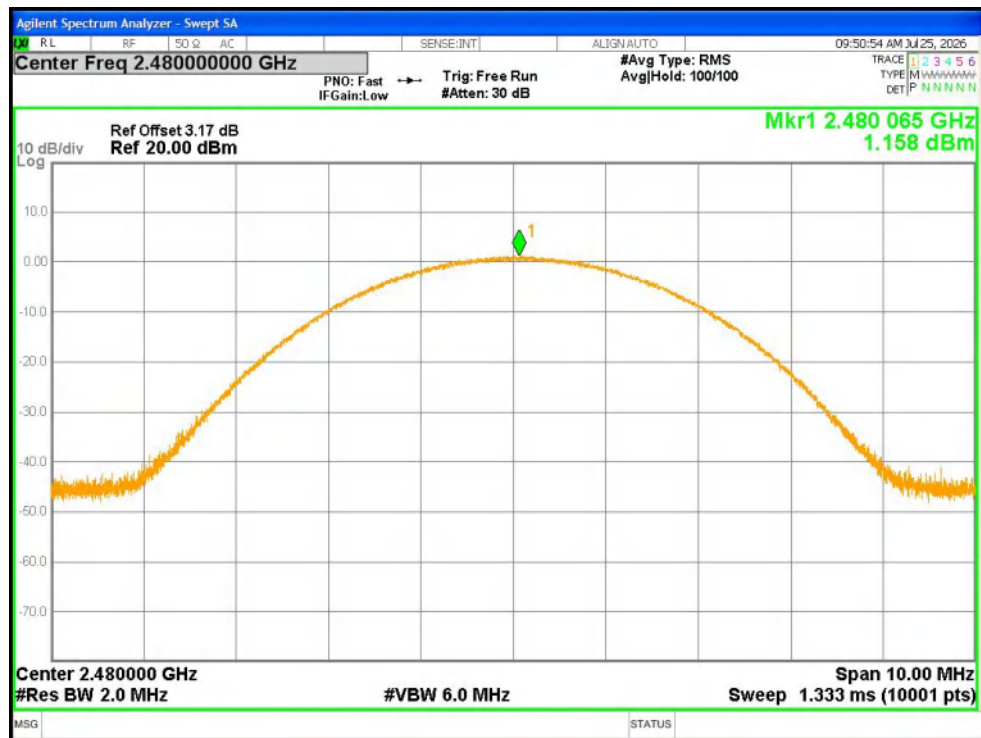
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



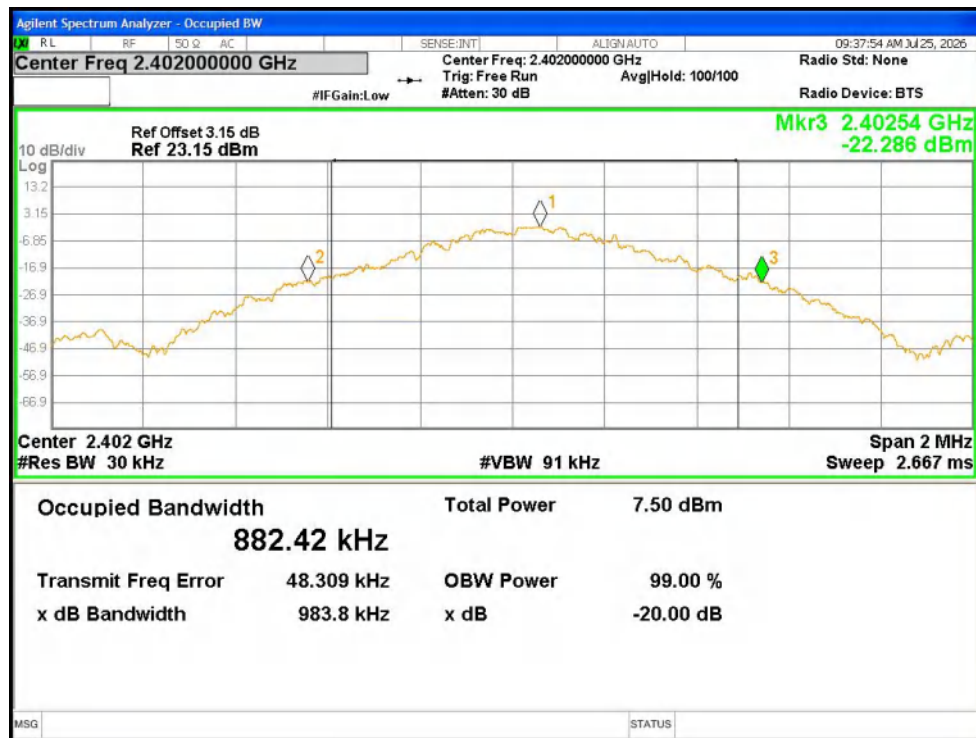
Peak Power NVNT 3-DH5 2441MHz Ant1



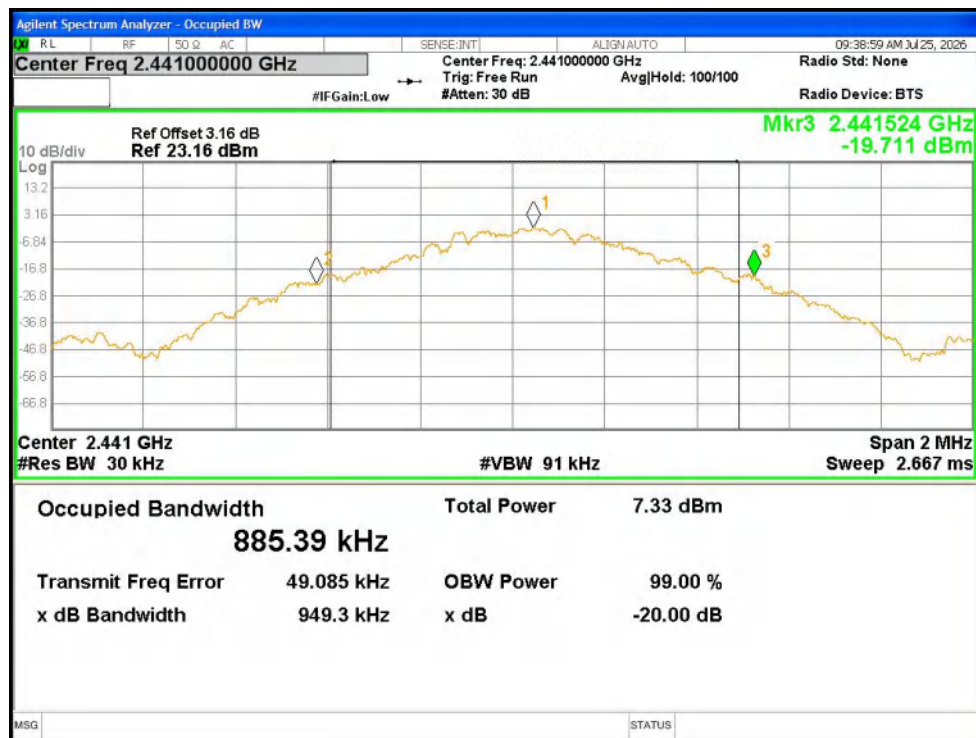
Peak Power NVNT 3-DH5 2480MHz Ant1

2. -20dB Bandwidth

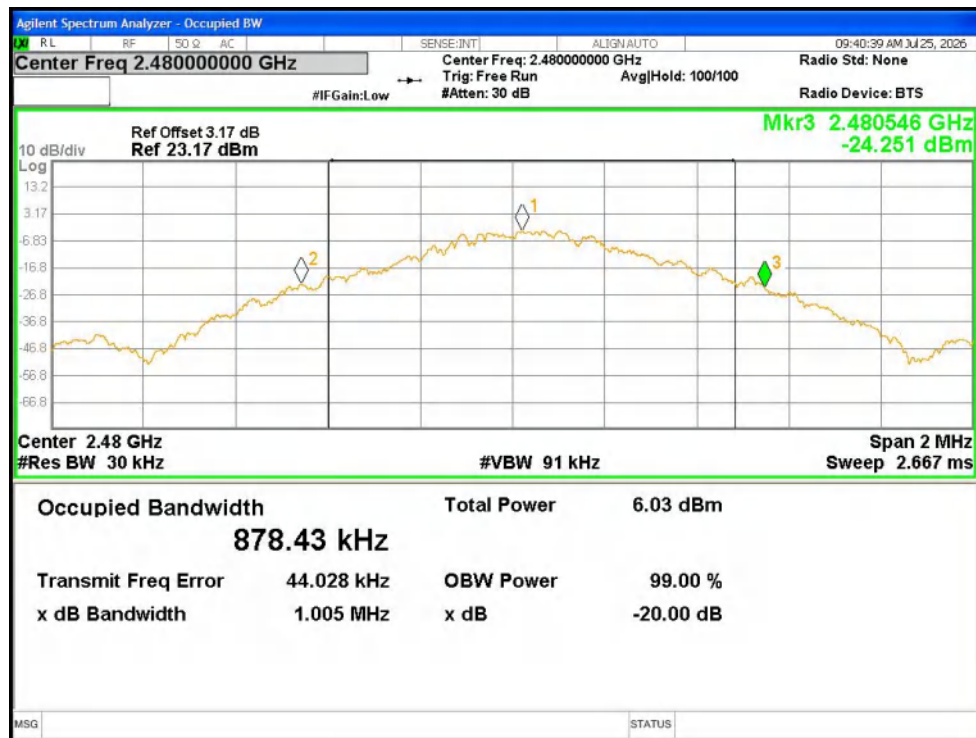
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.984	Pass
NVNT	1-DH5	2441	Ant1	0.949	Pass
NVNT	1-DH5	2480	Ant1	1.005	Pass
NVNT	2-DH5	2402	Ant1	1.306	Pass
NVNT	2-DH5	2441	Ant1	1.304	Pass
NVNT	2-DH5	2480	Ant1	1.315	Pass
NVNT	3-DH5	2402	Ant1	1.283	Pass
NVNT	3-DH5	2441	Ant1	1.297	Pass
NVNT	3-DH5	2480	Ant1	1.277	Pass



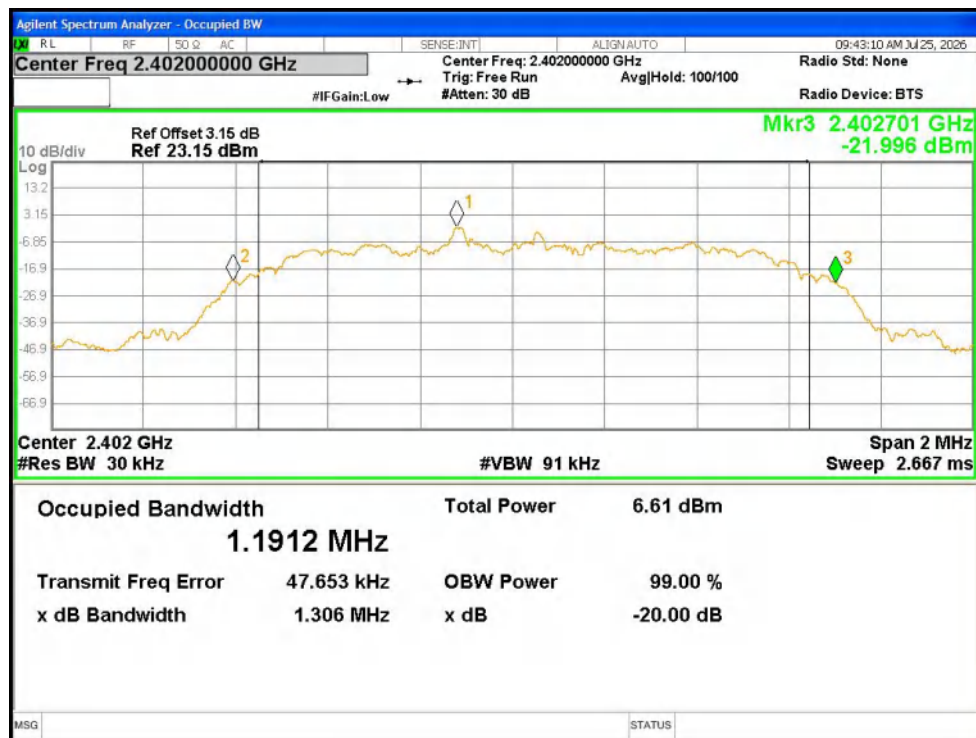
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



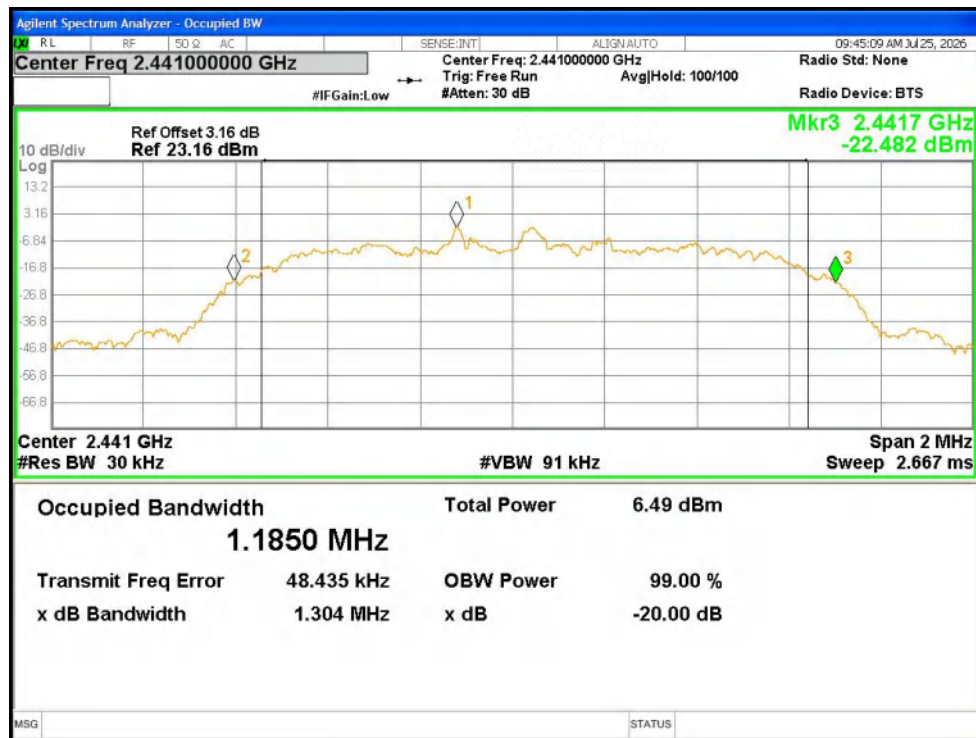
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



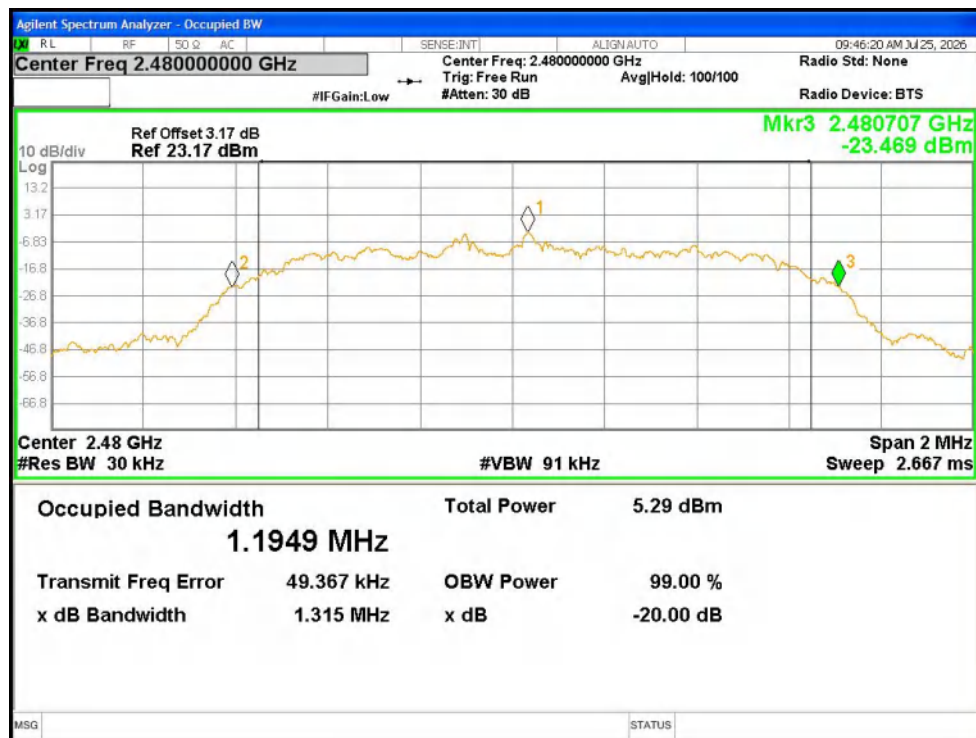
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



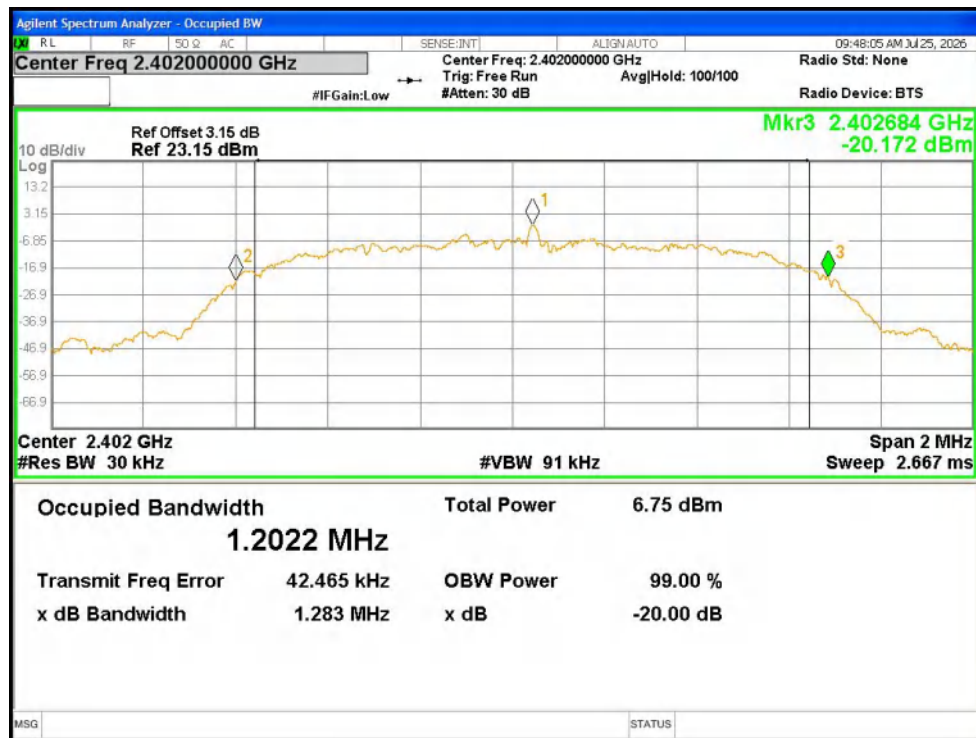
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



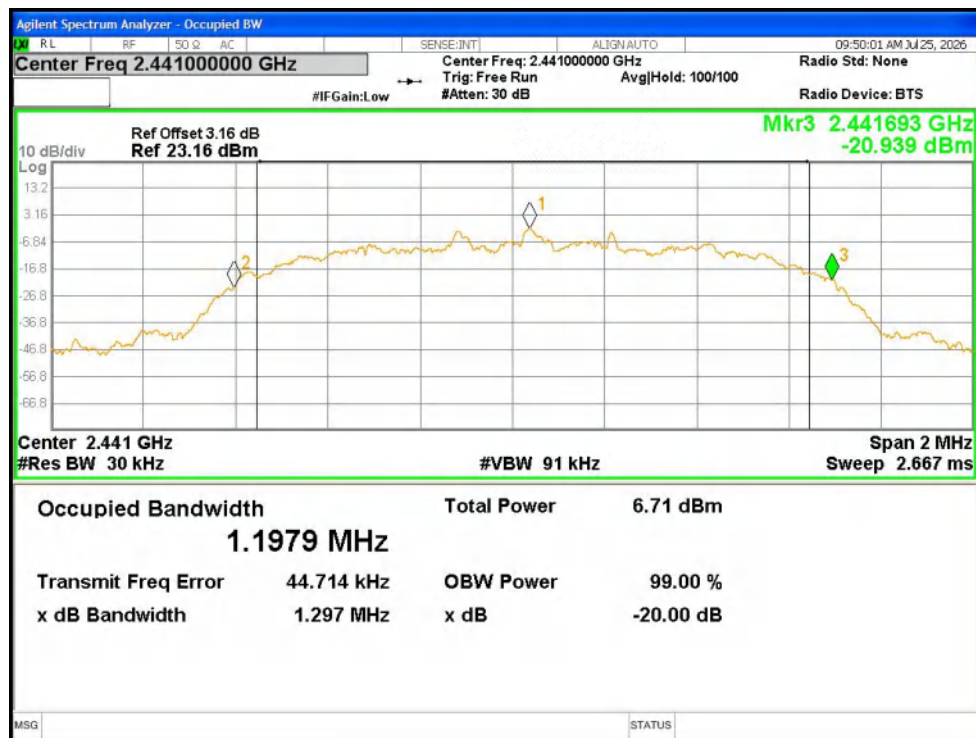
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



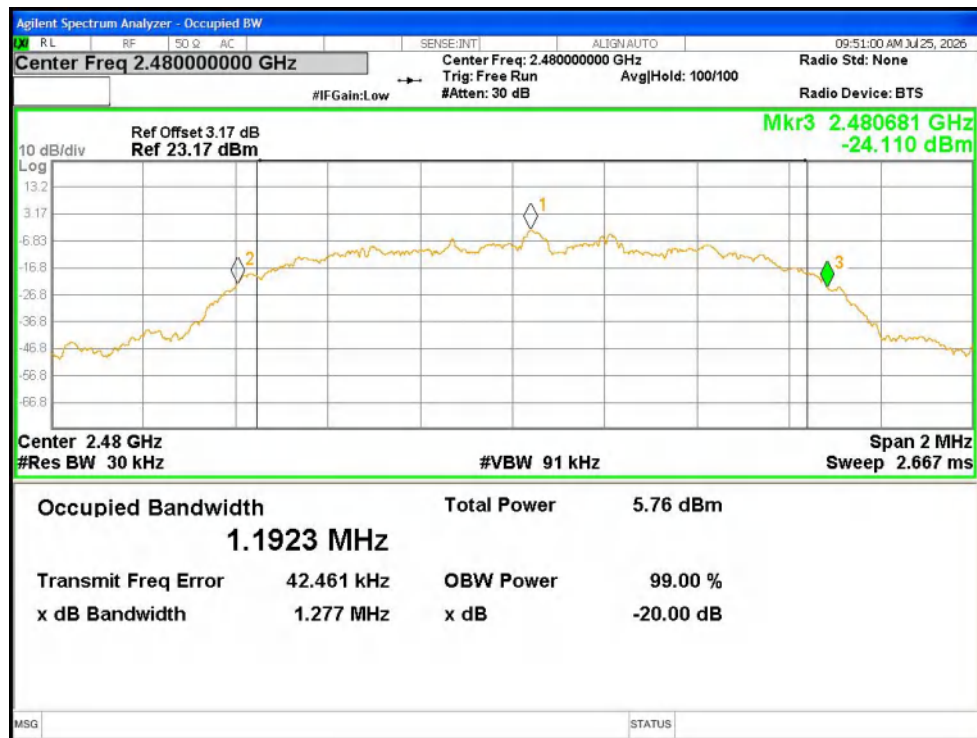
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



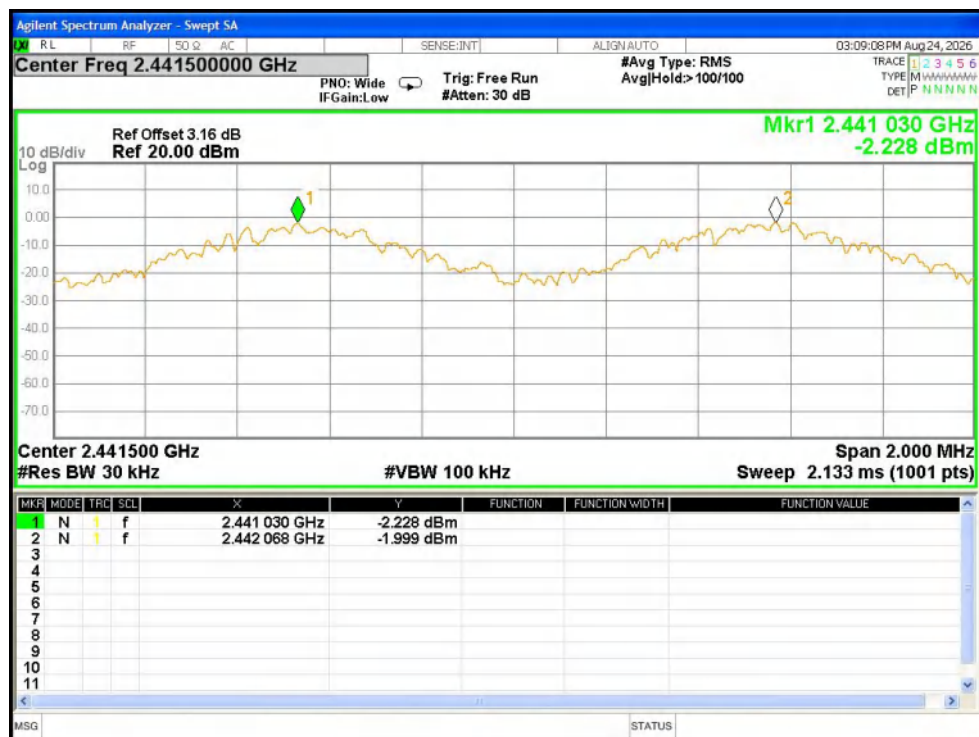
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

3. Carrier Frequencies Separation

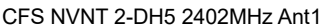
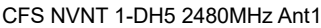
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.026	2403.018	0.992	0.656	Pass
NVNT	1-DH5	Ant1	2441.03	2442.068	1.038	0.633	Pass
NVNT	1-DH5	Ant1	2479.018	2480.082	1.064	0.67	Pass
NVNT	2-DH5	Ant1	2401.868	2402.87	1.002	0.871	Pass
NVNT	2-DH5	Ant1	2440.896	2441.876	0.98	0.869	Pass
NVNT	2-DH5	Ant1	2479.04	2480.042	1.002	0.877	Pass
NVNT	3-DH5	Ant1	2402.044	2403.04	0.996	0.855	Pass
NVNT	3-DH5	Ant1	2440.878	2441.886	1.008	0.865	Pass
NVNT	3-DH5	Ant1	2479.048	2480.04	0.992	0.851	Pass

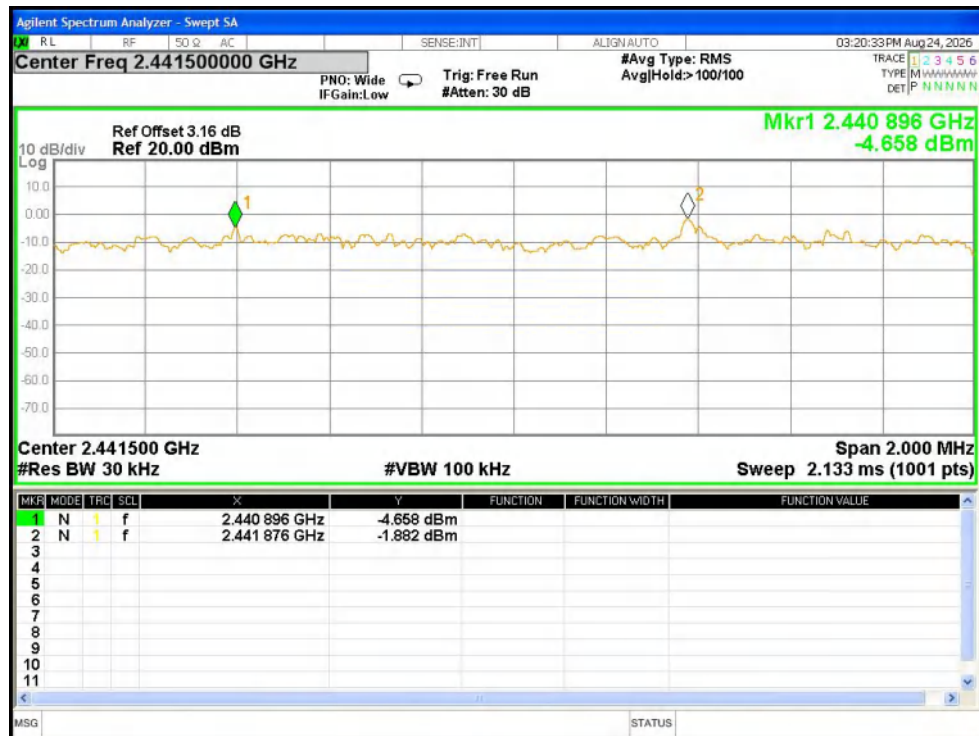


CFS NVNT 1-DH5 2402MHz Ant1

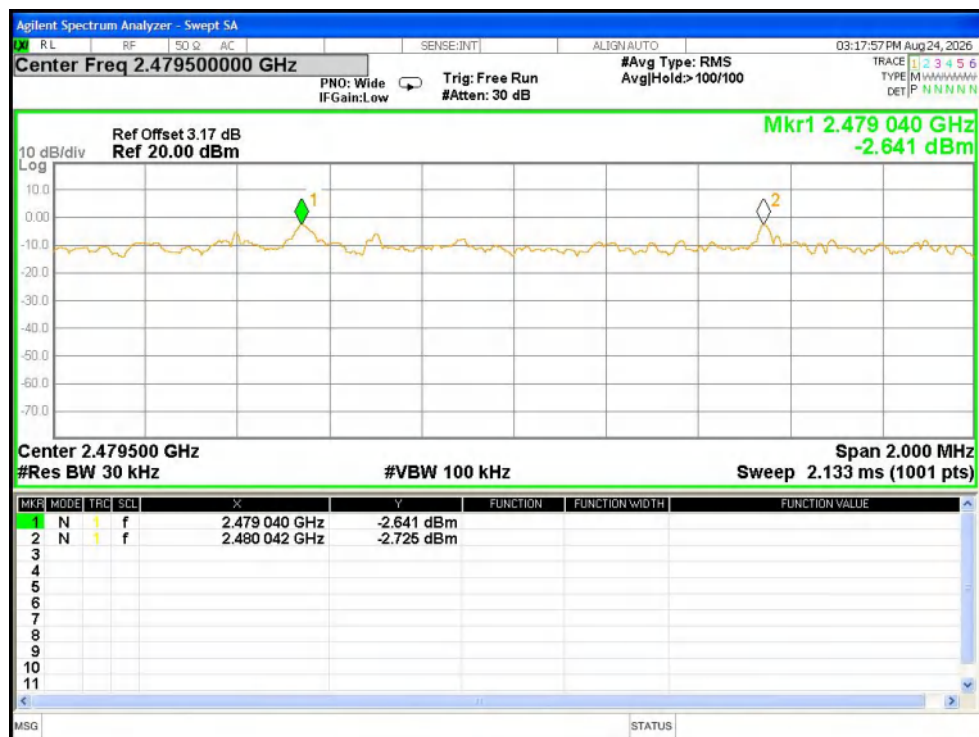


CFS NVNT 1-DH5 2441MHz Ant1

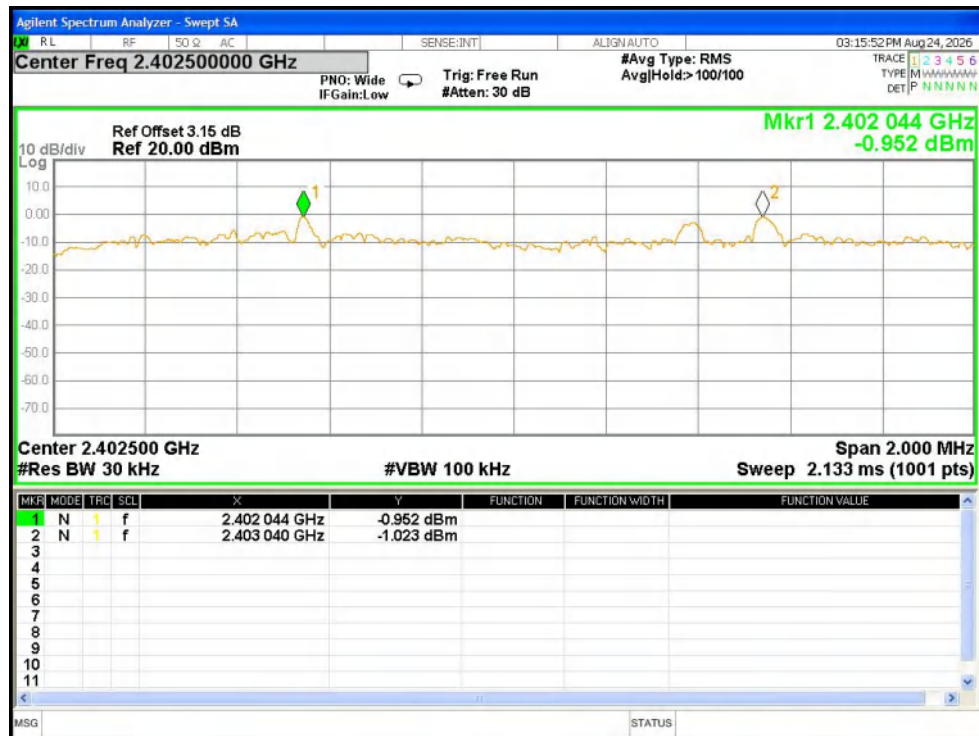




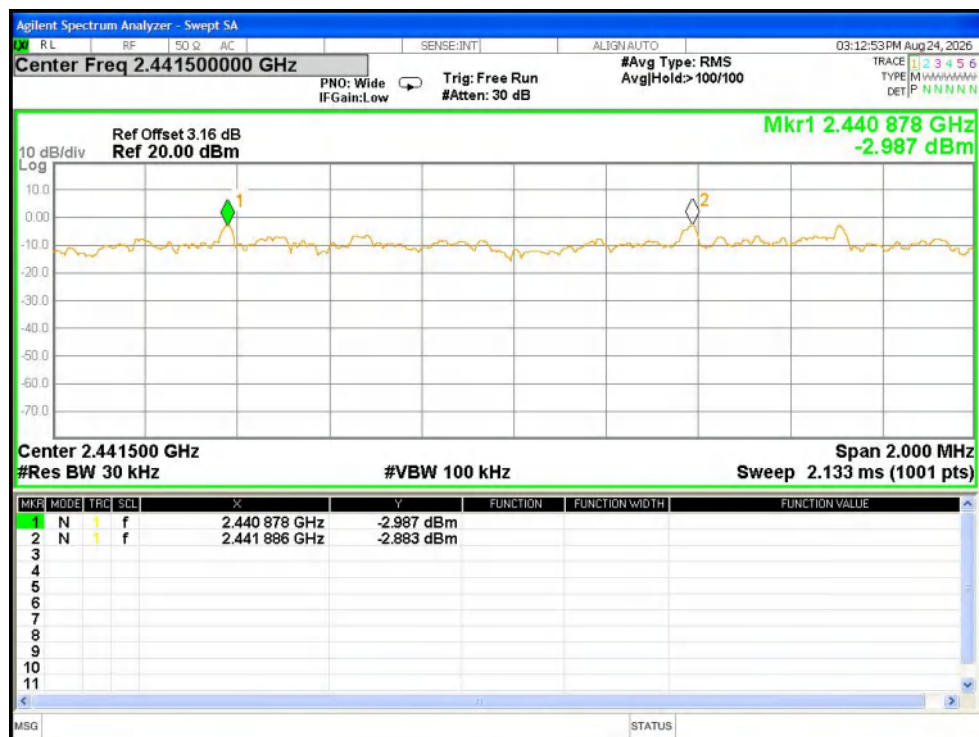
CFS NVNT 2-DH5 2441MHz Ant1



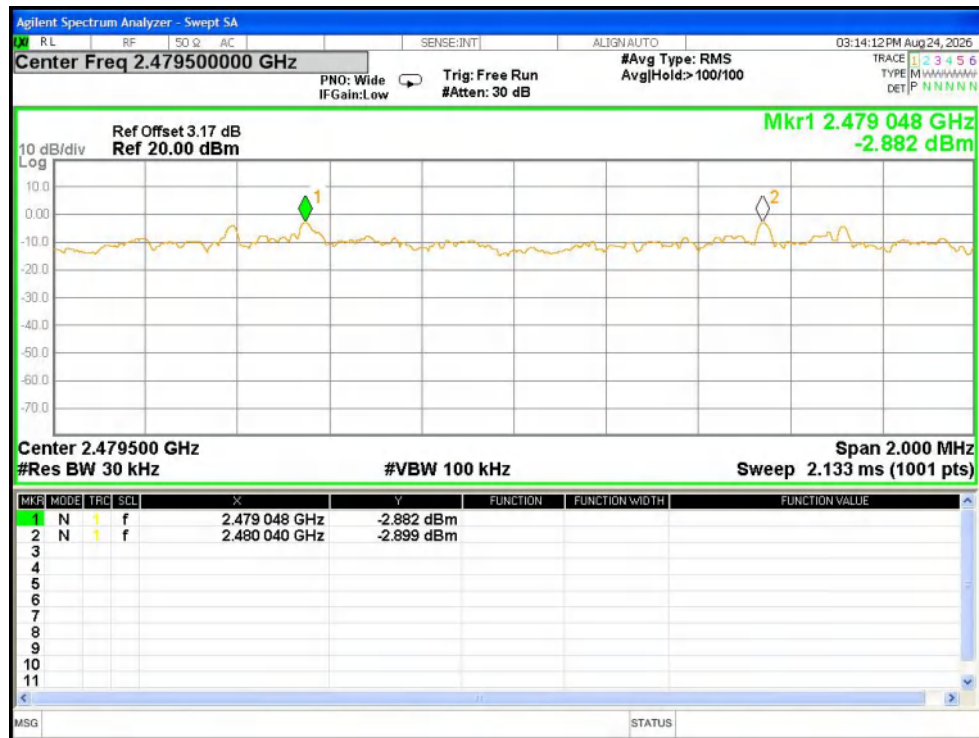
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1



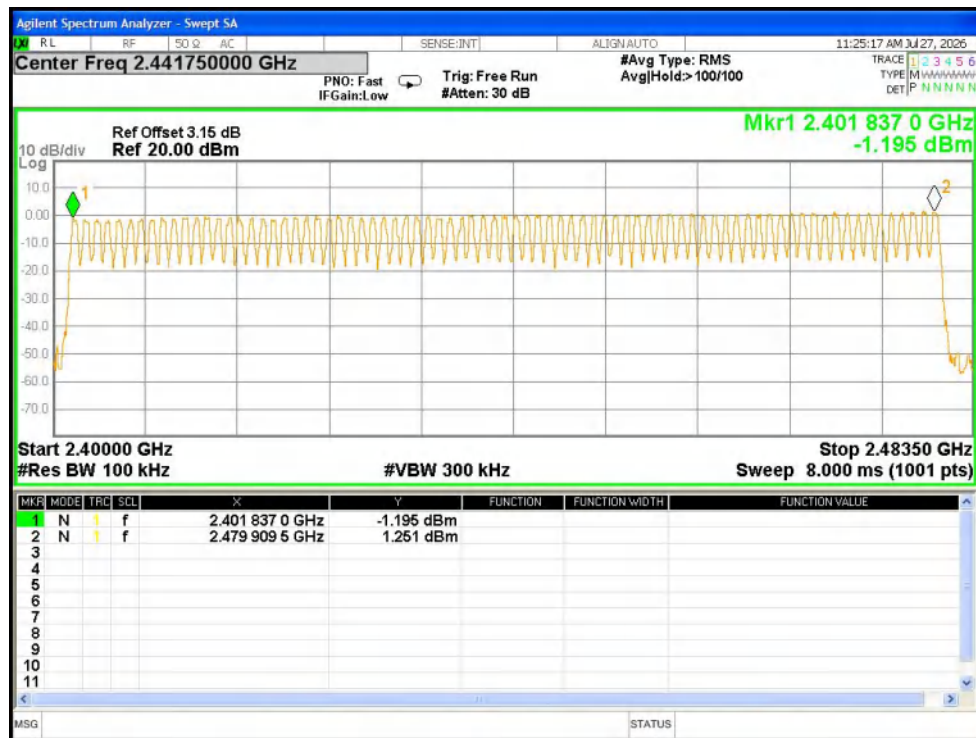
CFS NVNT 3-DH5 2441MHz Ant1



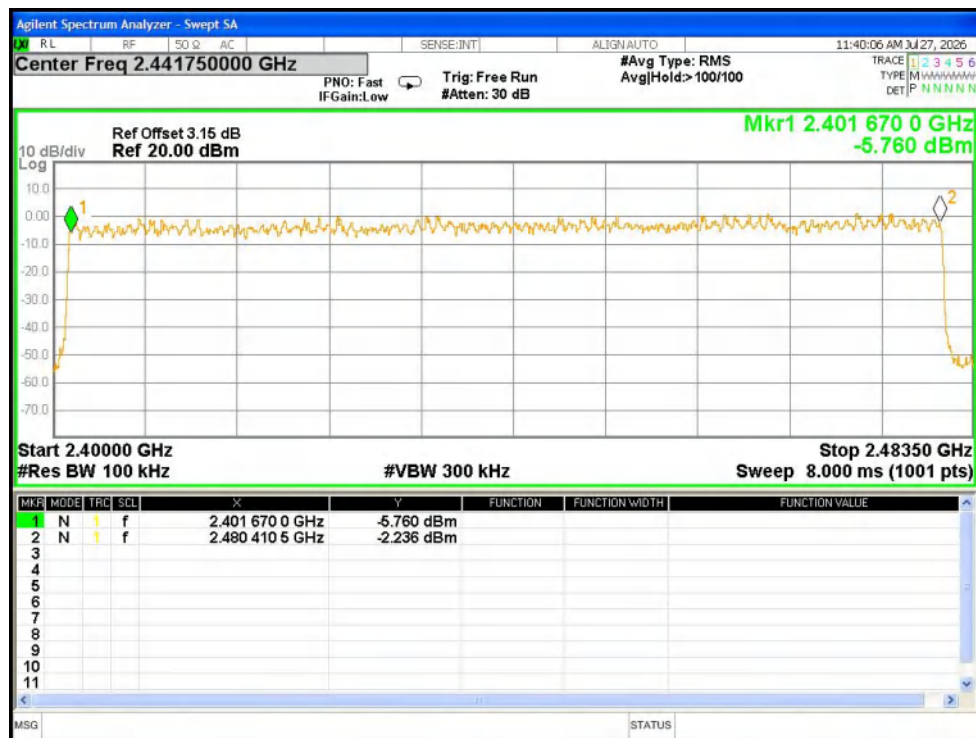
CFS NVNT 3-DH5 2480MHz Ant1

4. Number of Hopping Channel

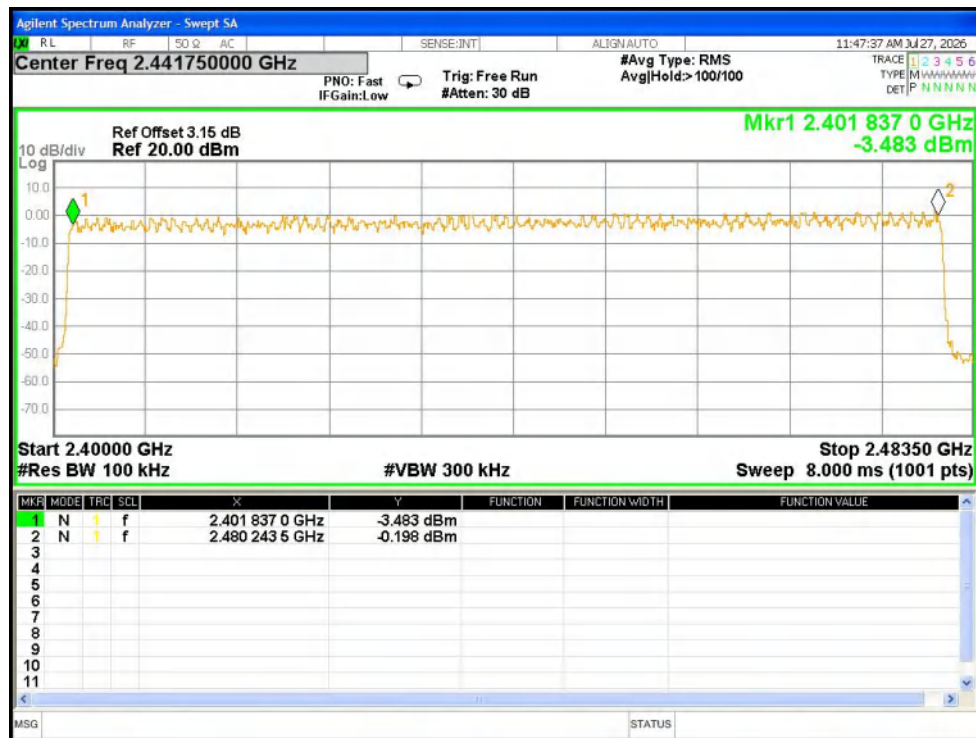
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

5. Dwell Time

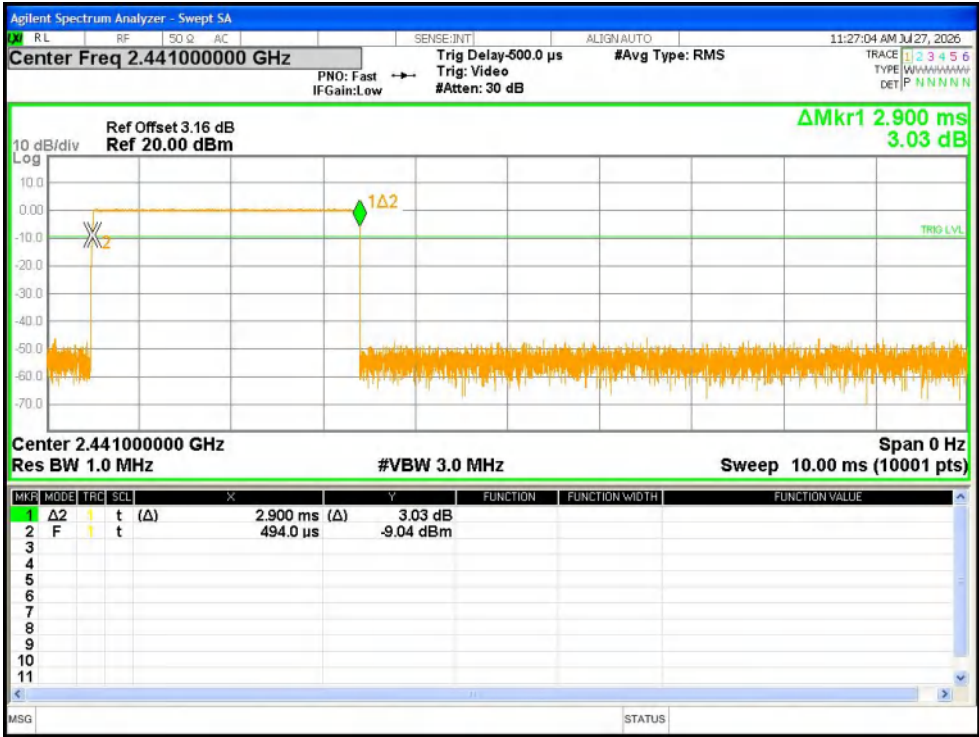
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.9	330.6	114	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.9	319	110	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.9	304.5	105	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.895	260.55	90	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	359.104	124	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.896	292.496	101	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.905	273.07	94	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.905	351.505	121	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.905	305.025	105	31600	400	Pass



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



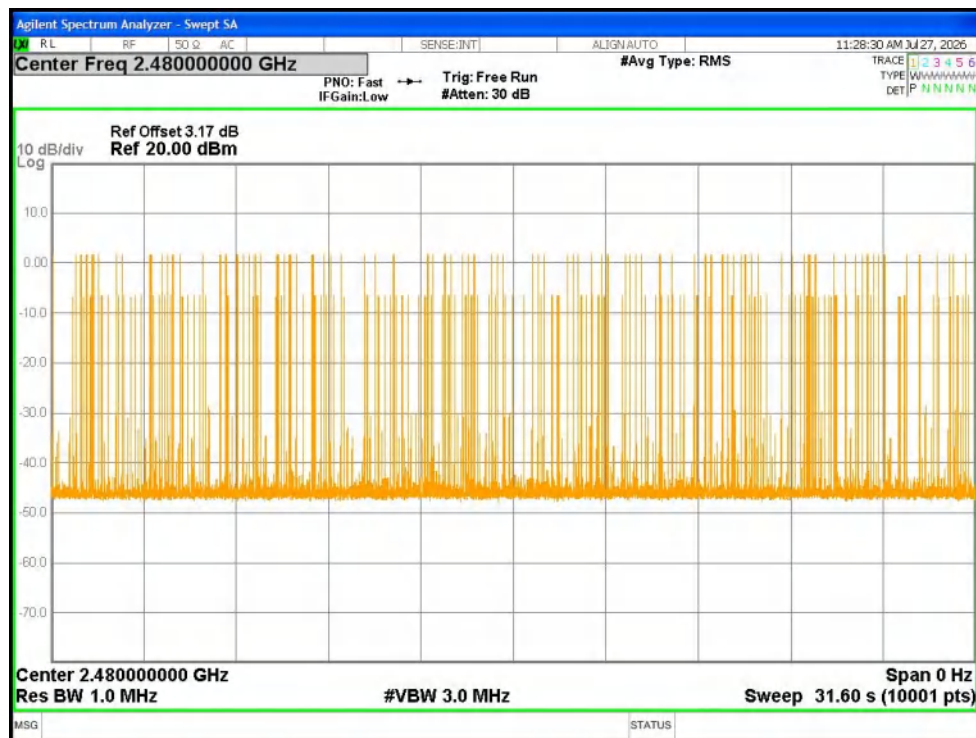
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



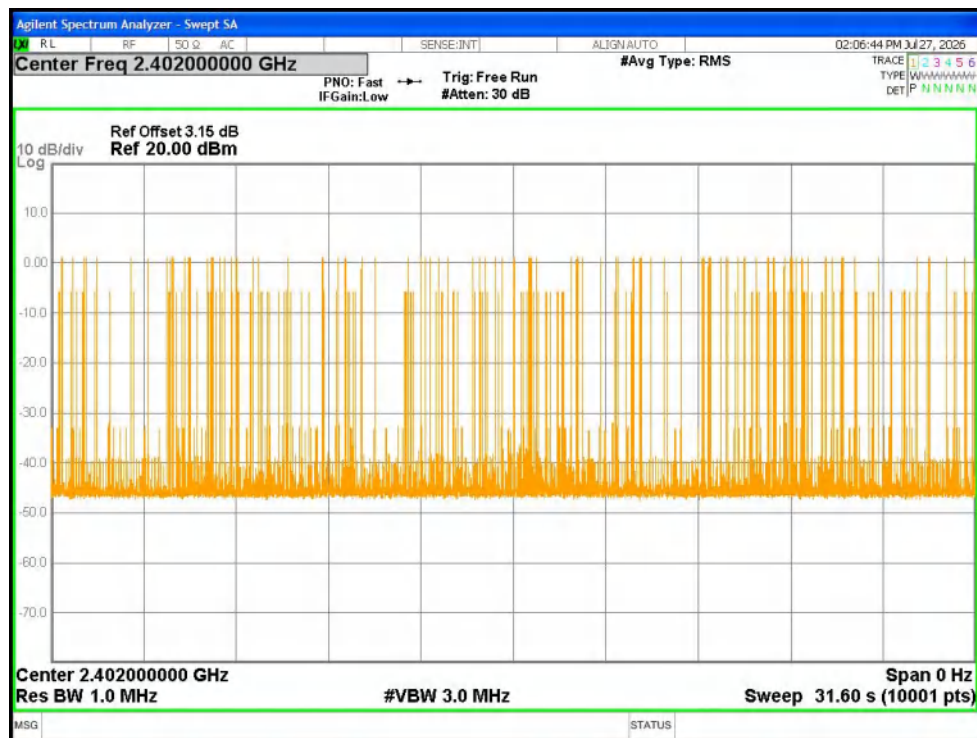
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



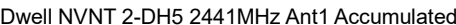
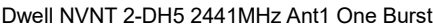
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

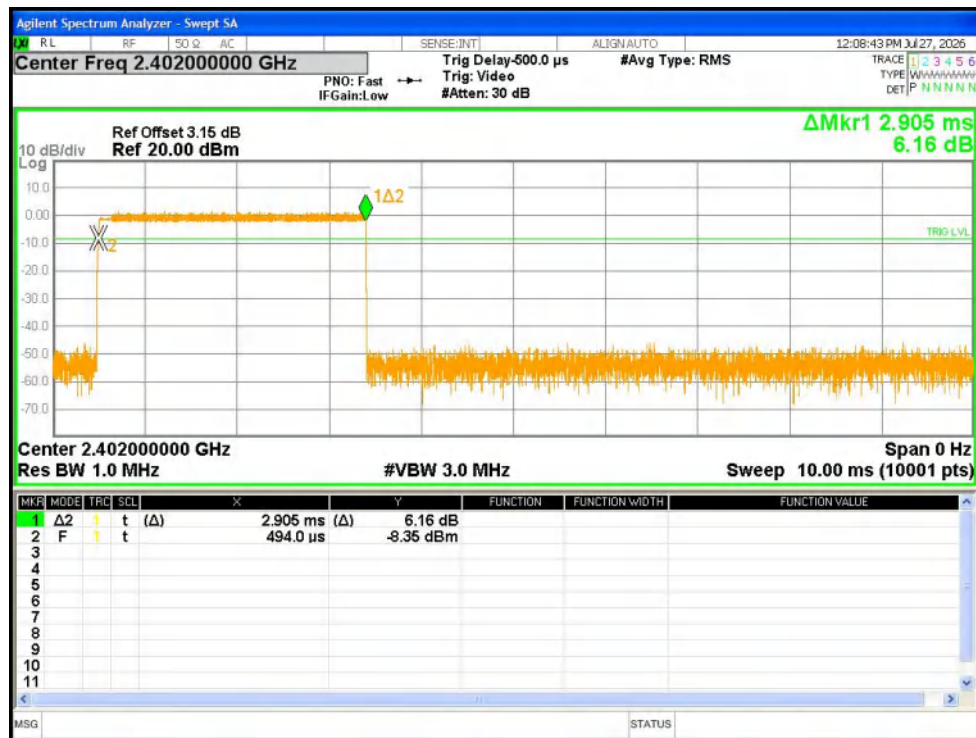




Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



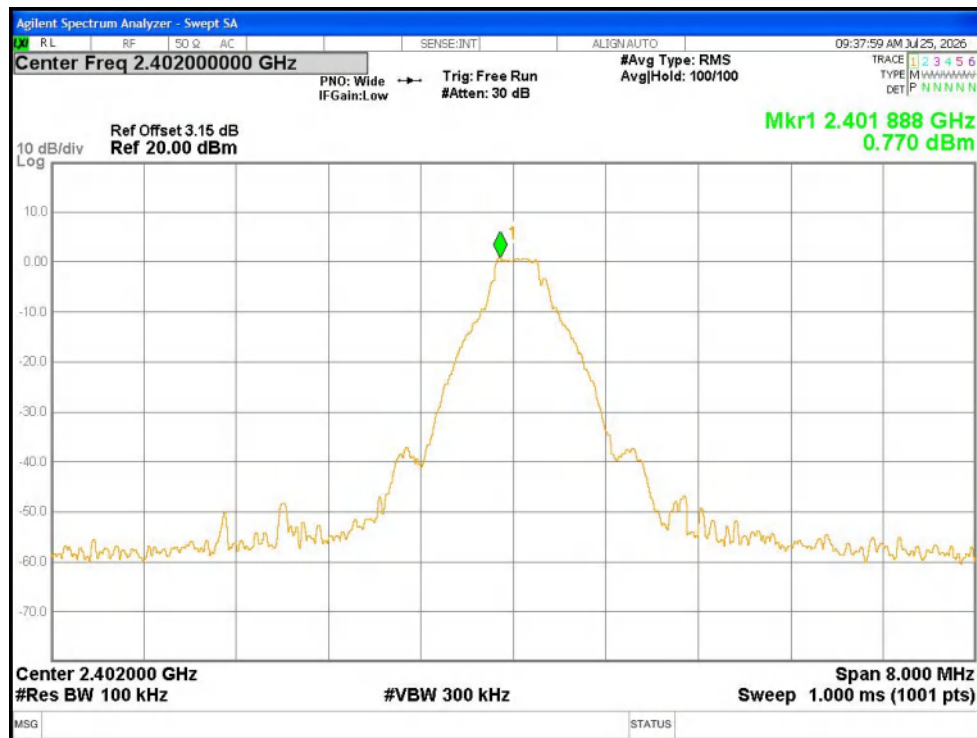
Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



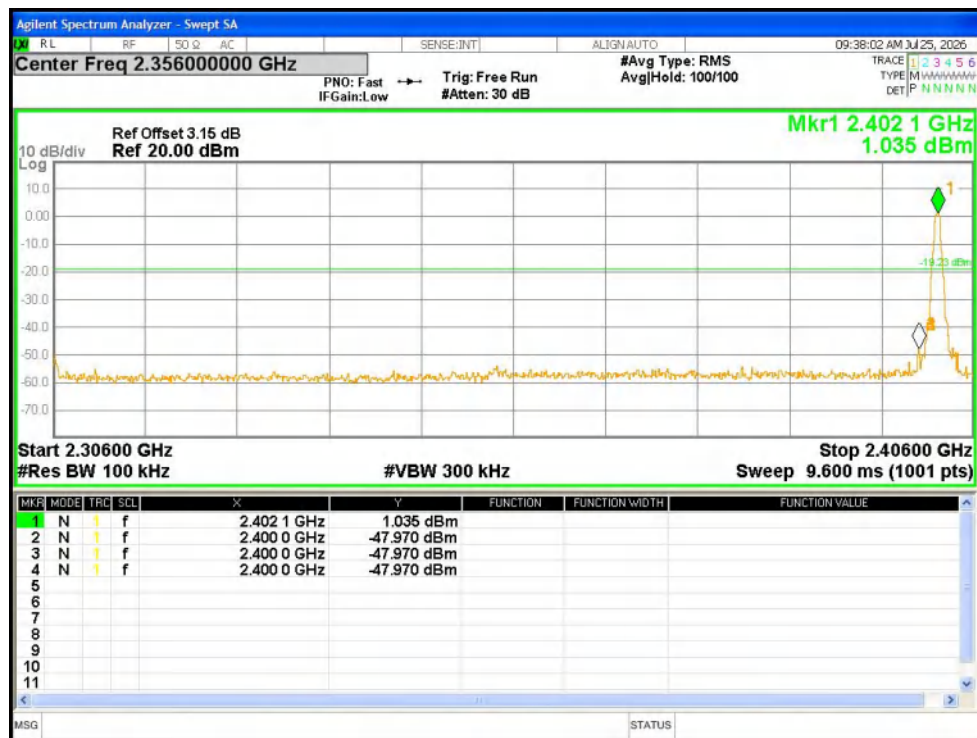
Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-48.73	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-54.46	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-52.86	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.63	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.89	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.92	-20	Pass



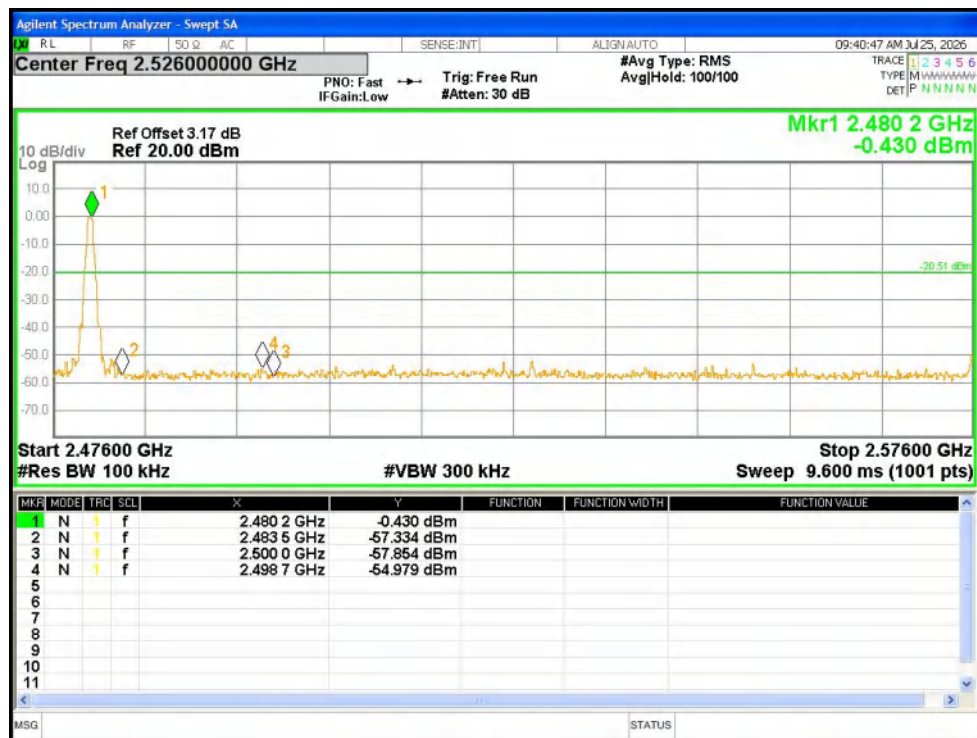
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



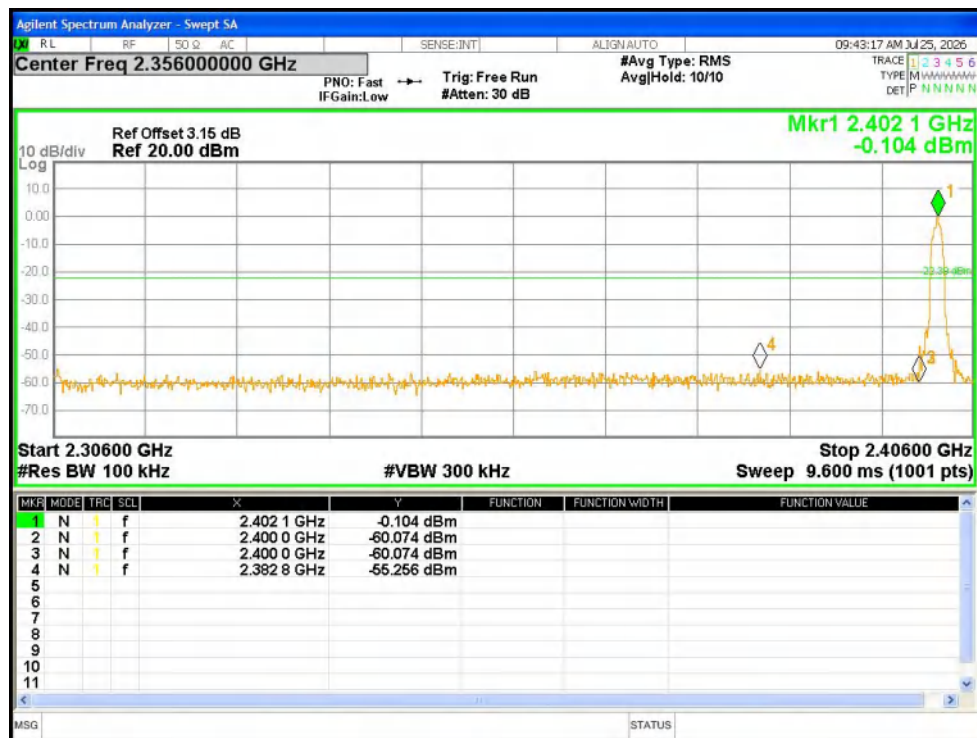
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



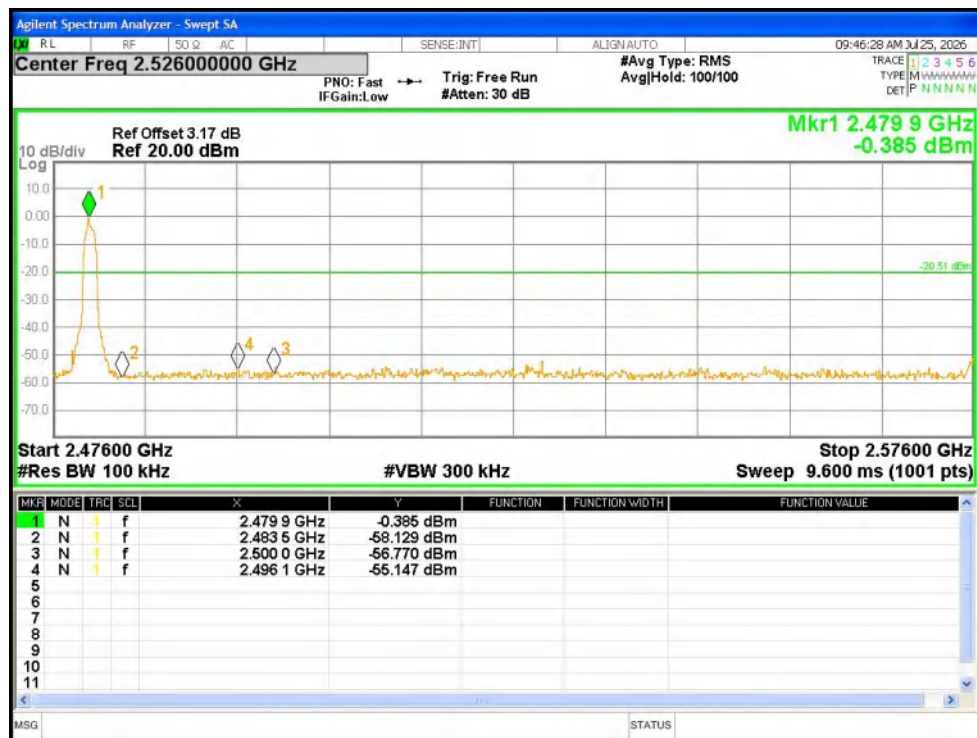
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



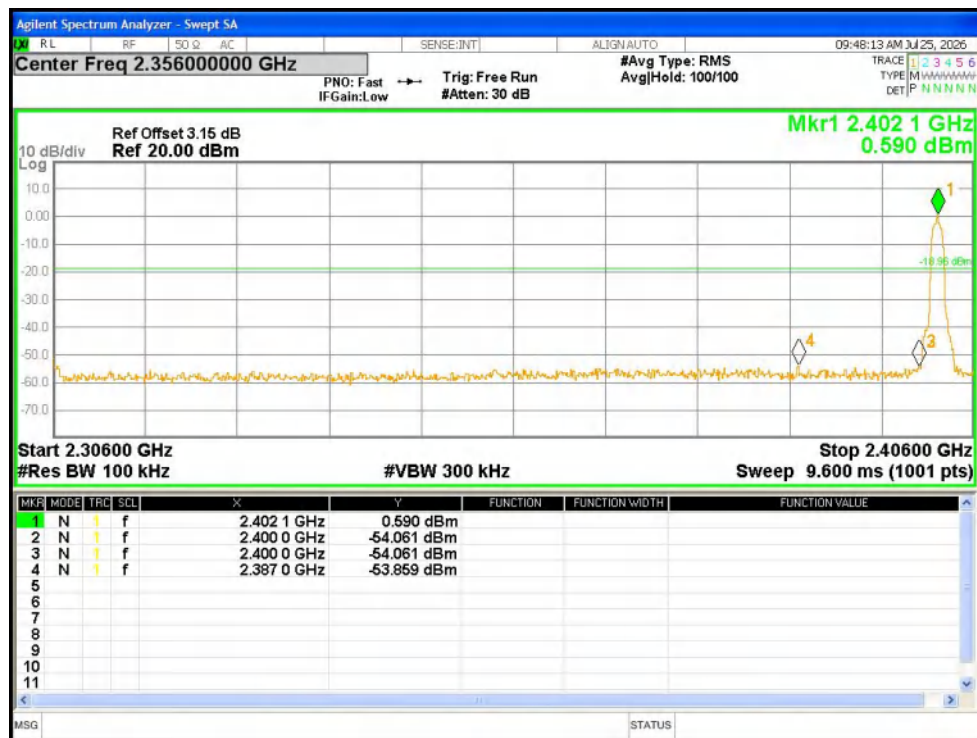
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



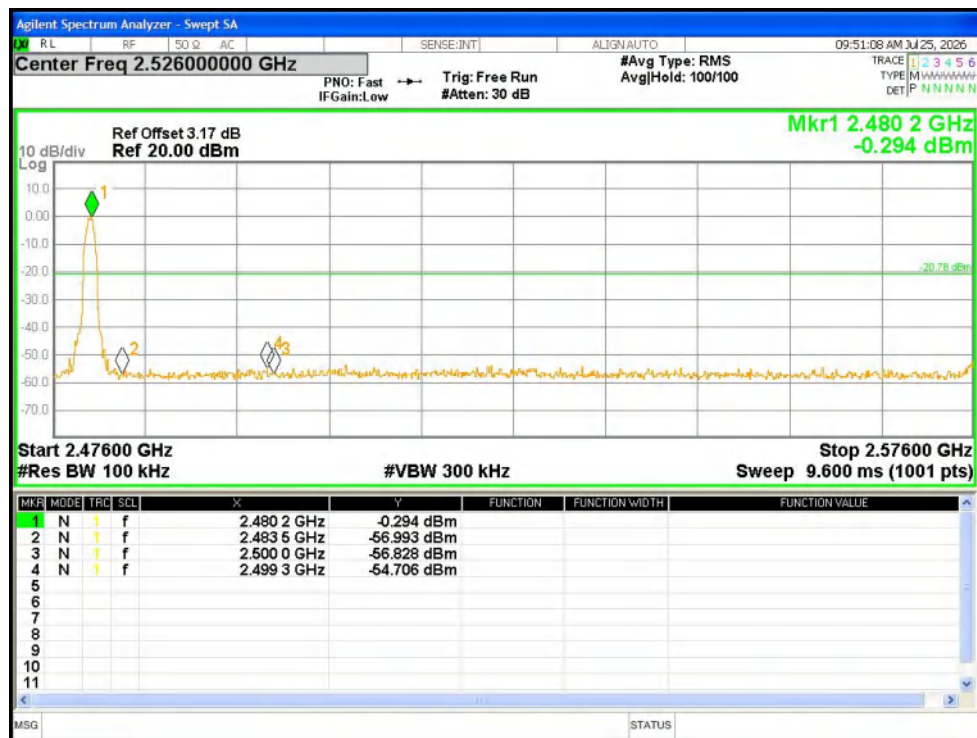
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



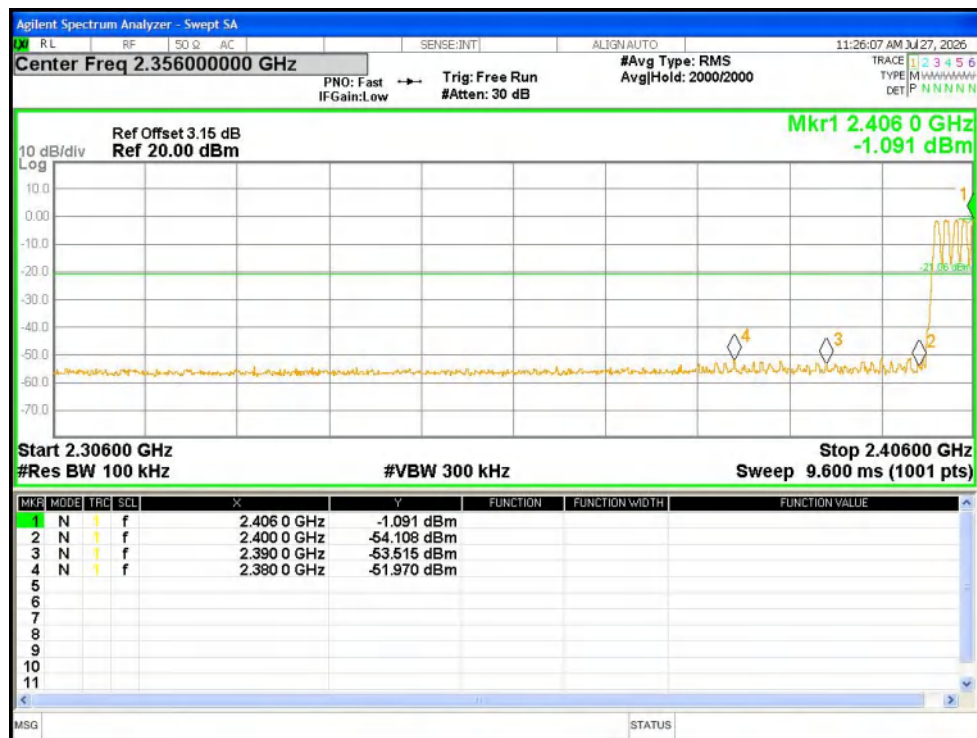
Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-50.91	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-49.04	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-51.51	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-50.12	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-51.26	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-50.04	-20	Pass



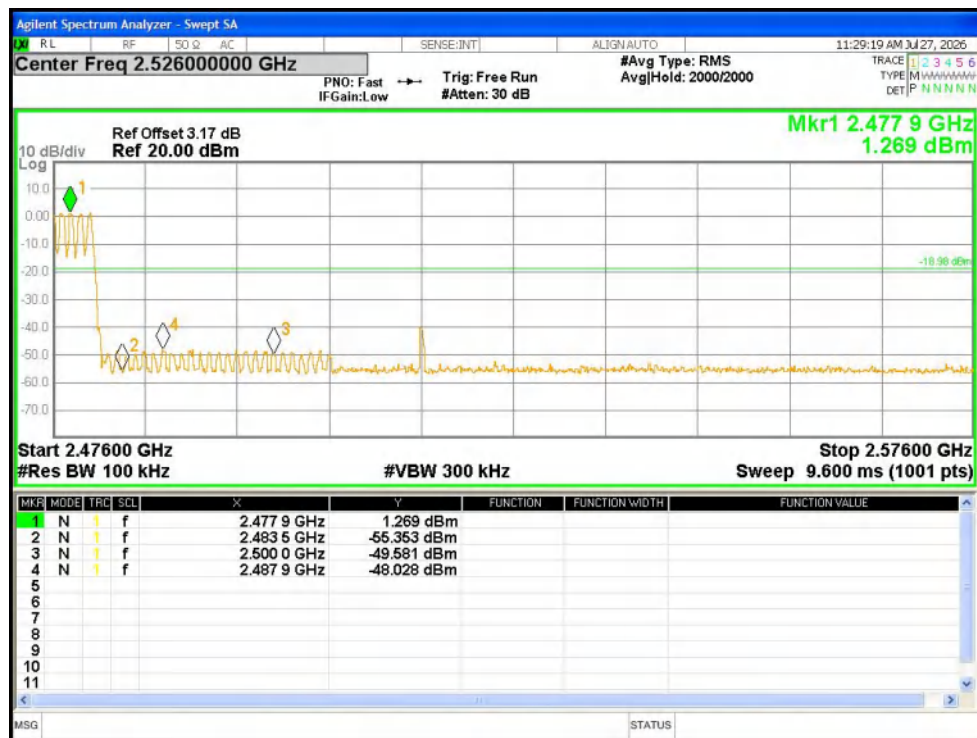
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



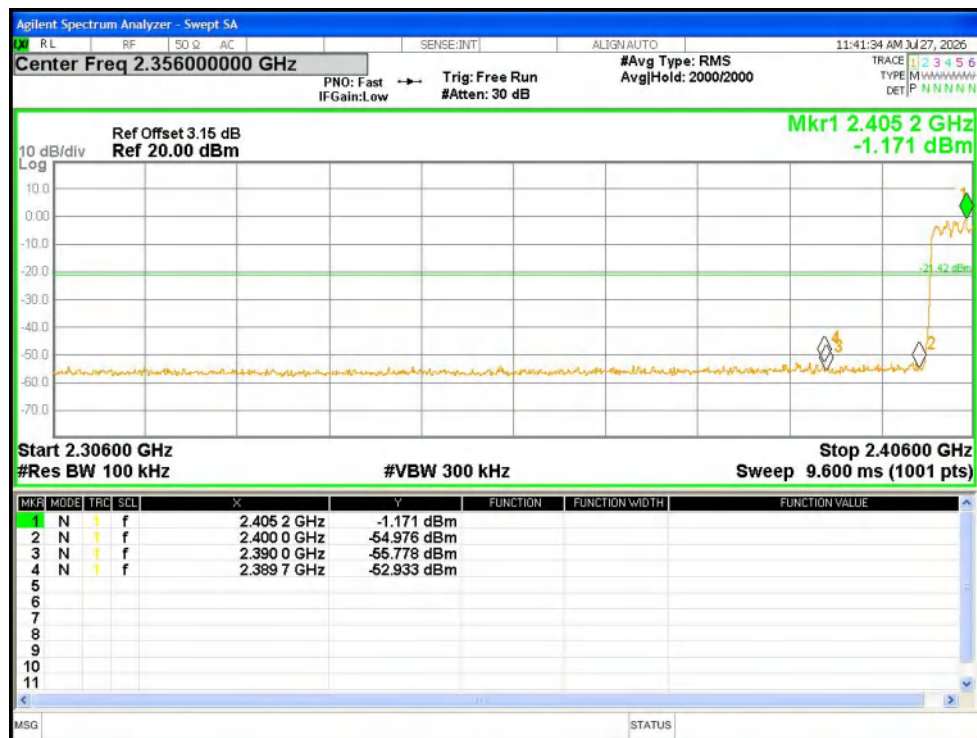
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Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



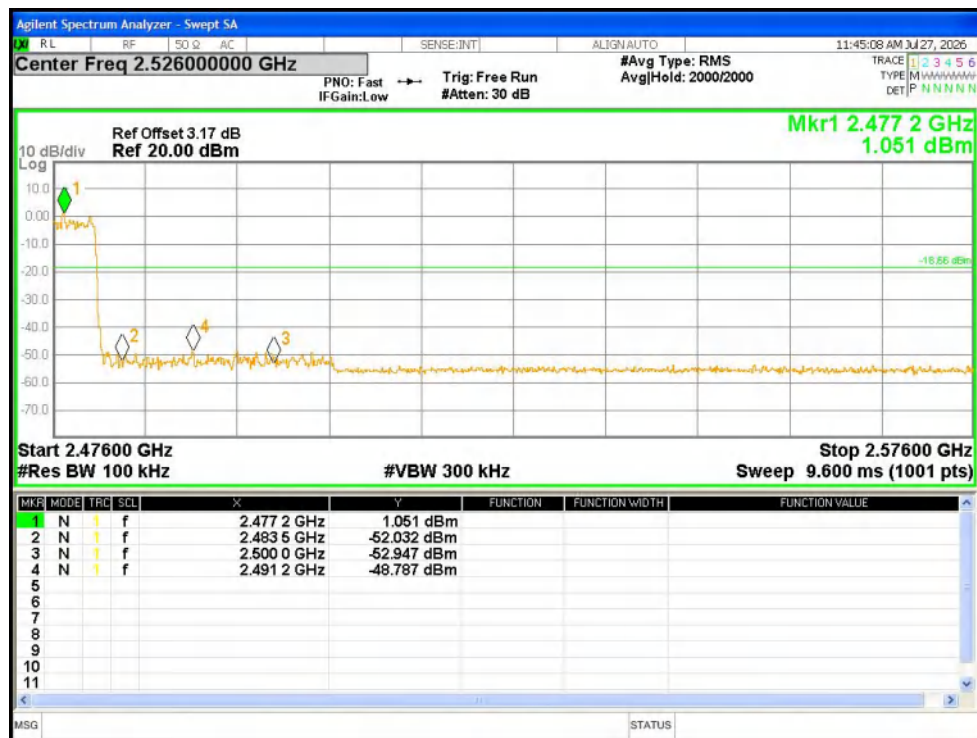
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



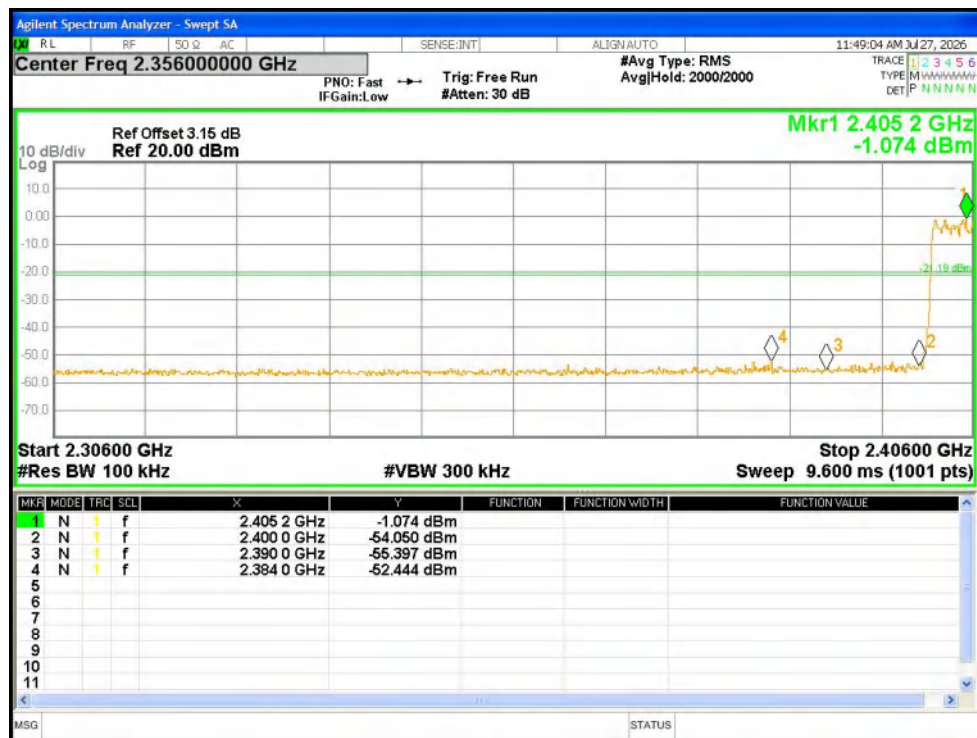
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



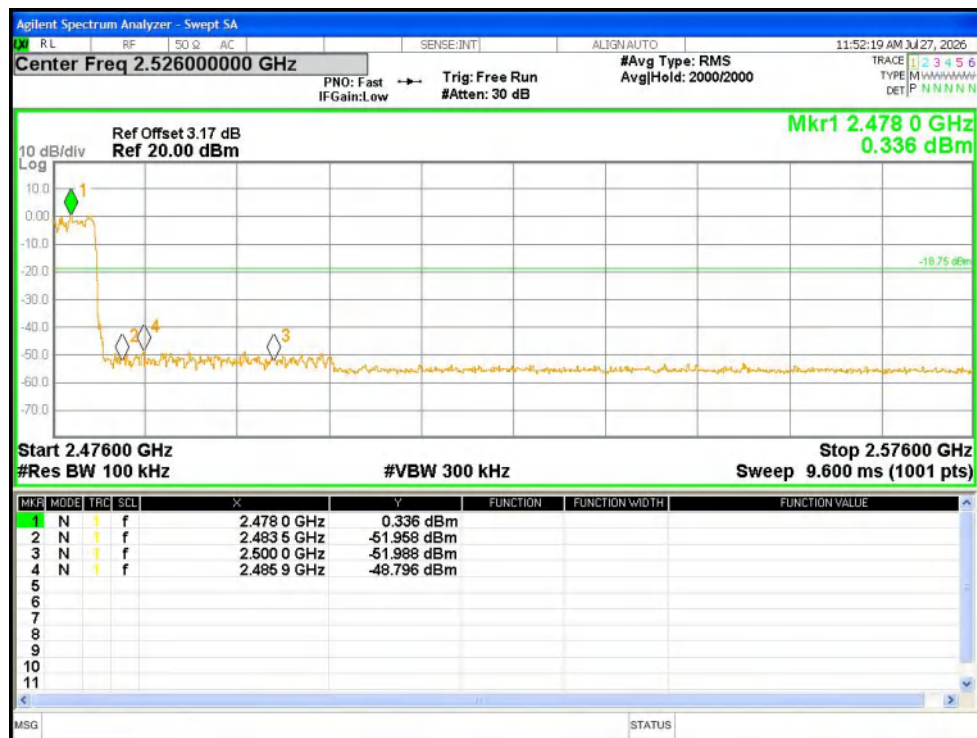
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



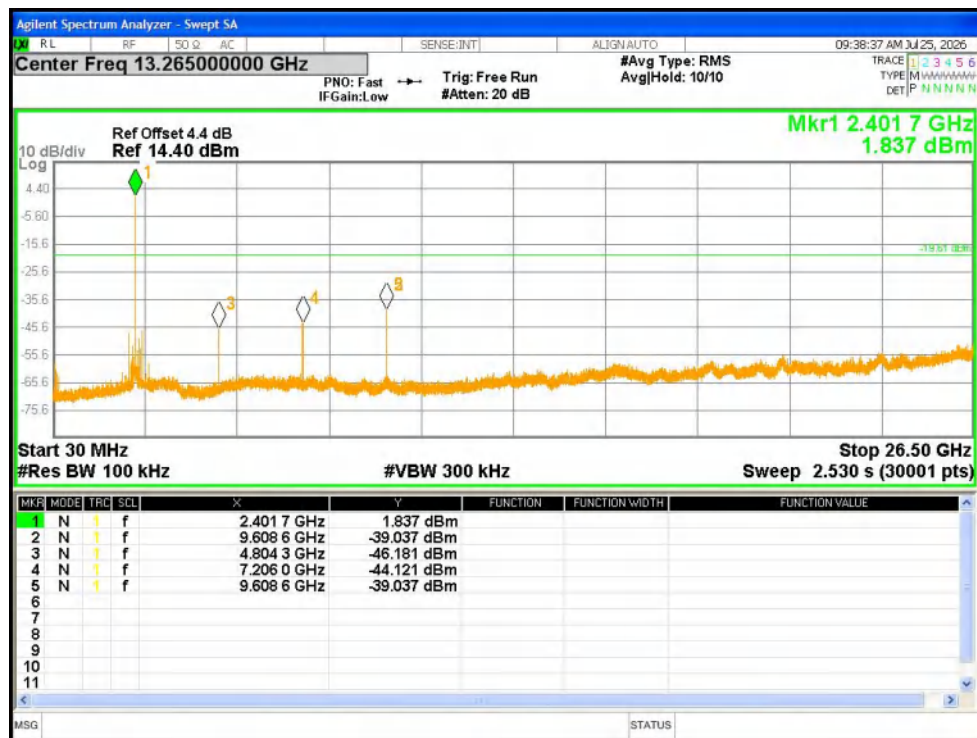
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.42	-20	Pass
NVNT	1-DH5	2441	Ant1	-39.24	-20	Pass
NVNT	1-DH5	2480	Ant1	-38.47	-20	Pass
NVNT	2-DH5	2402	Ant1	-39.33	-20	Pass
NVNT	2-DH5	2441	Ant1	-38.91	-20	Pass
NVNT	2-DH5	2480	Ant1	-38.3	-20	Pass
NVNT	3-DH5	2402	Ant1	-39.17	-20	Pass
NVNT	3-DH5	2441	Ant1	-38.61	-20	Pass
NVNT	3-DH5	2480	Ant1	-38.05	-20	Pass



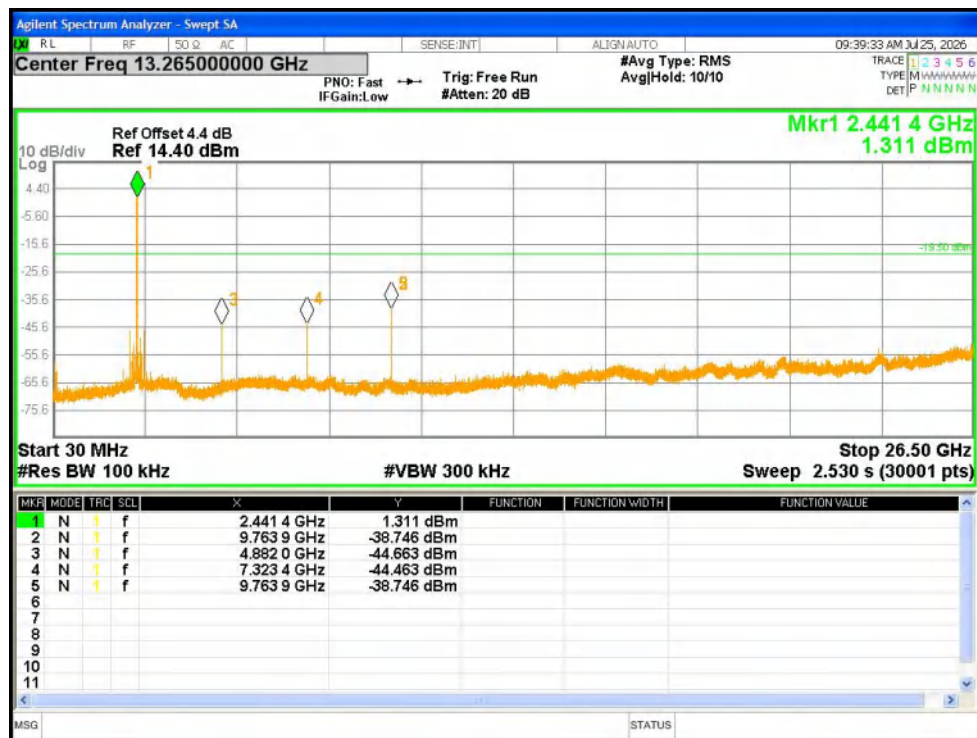
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



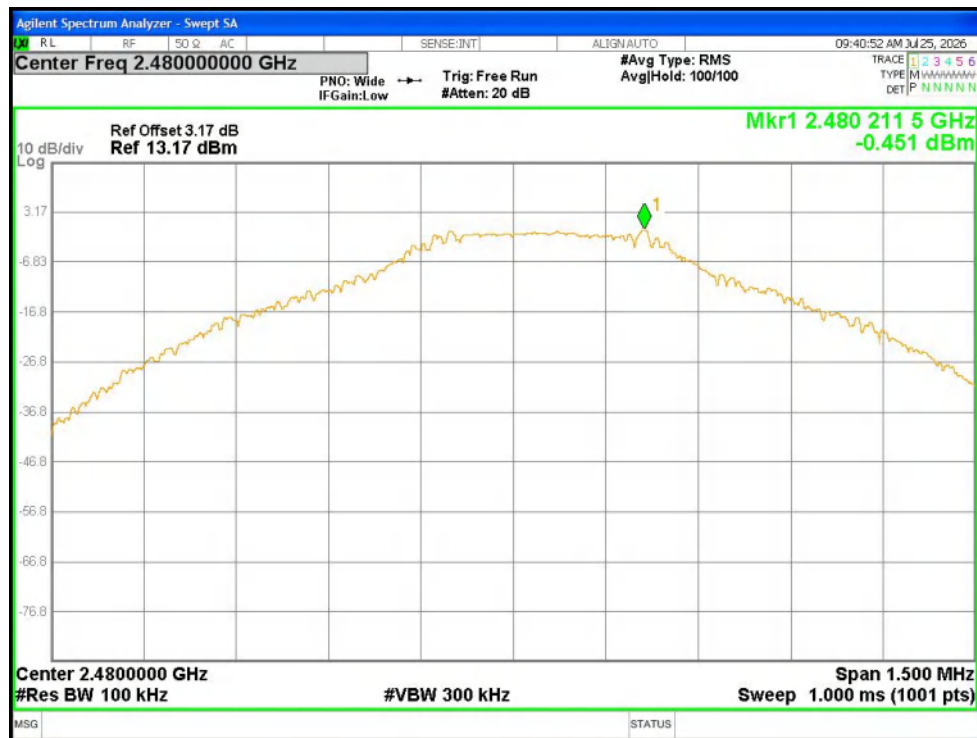
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



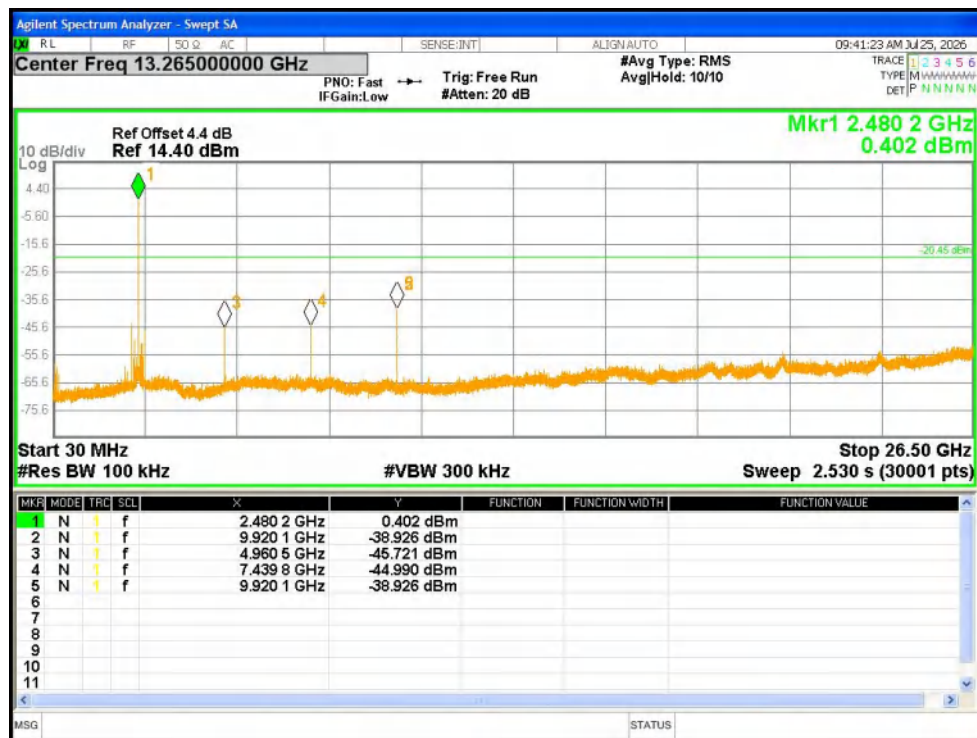
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



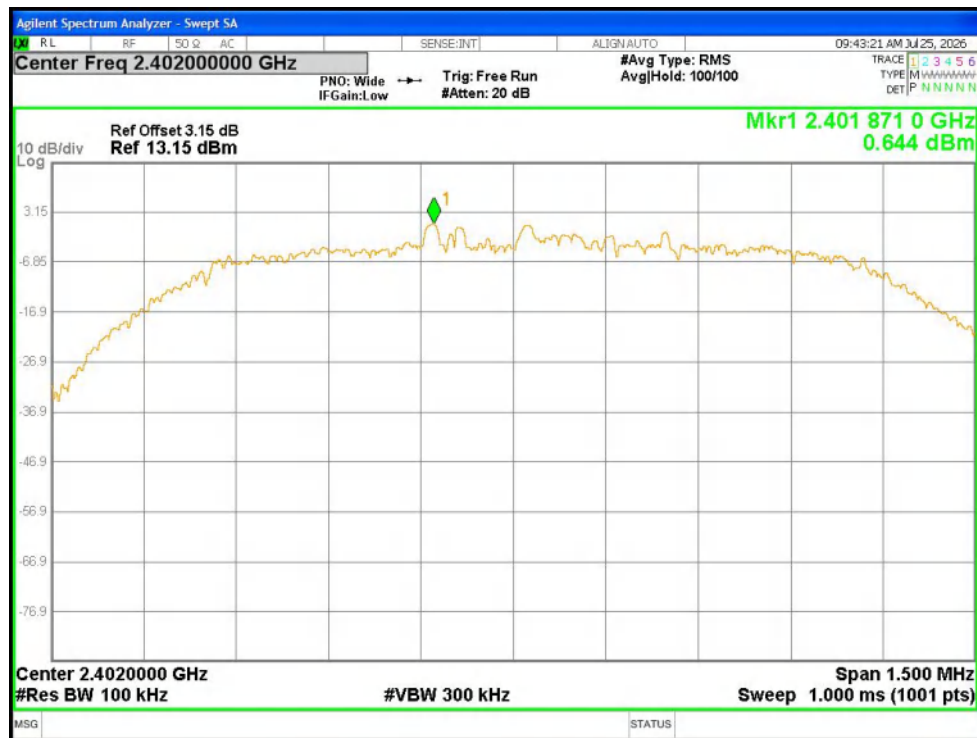
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



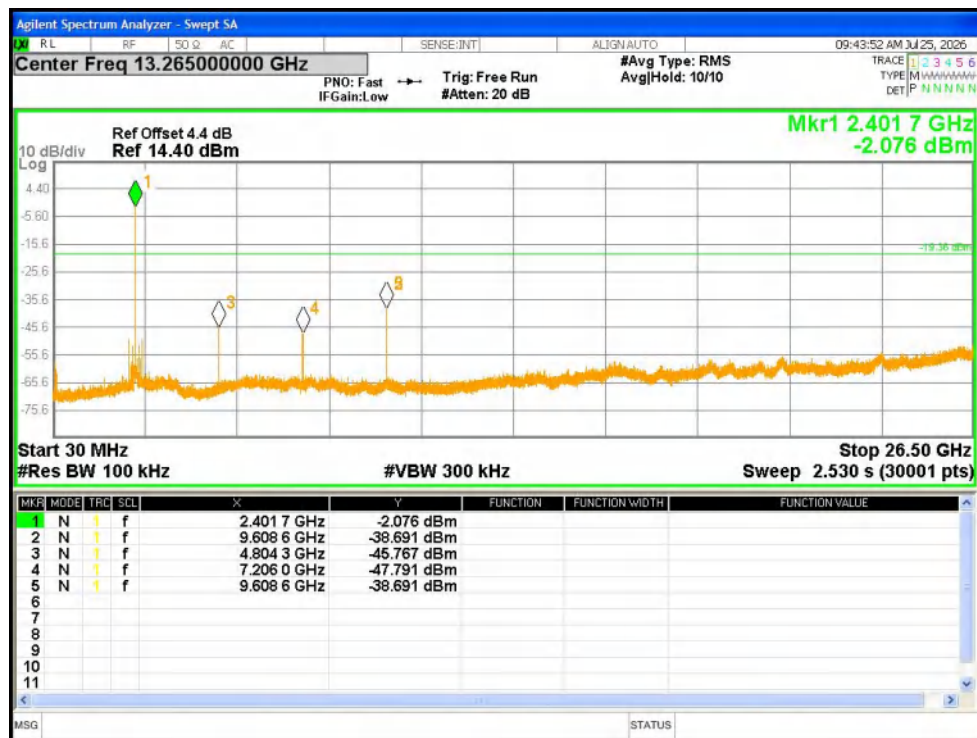
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



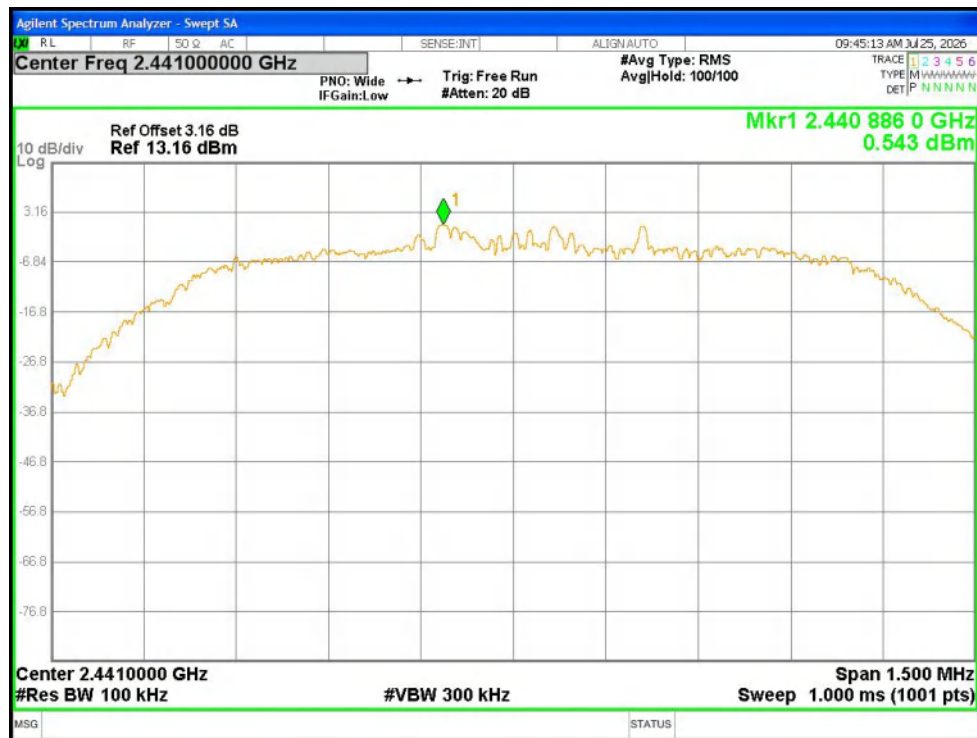
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



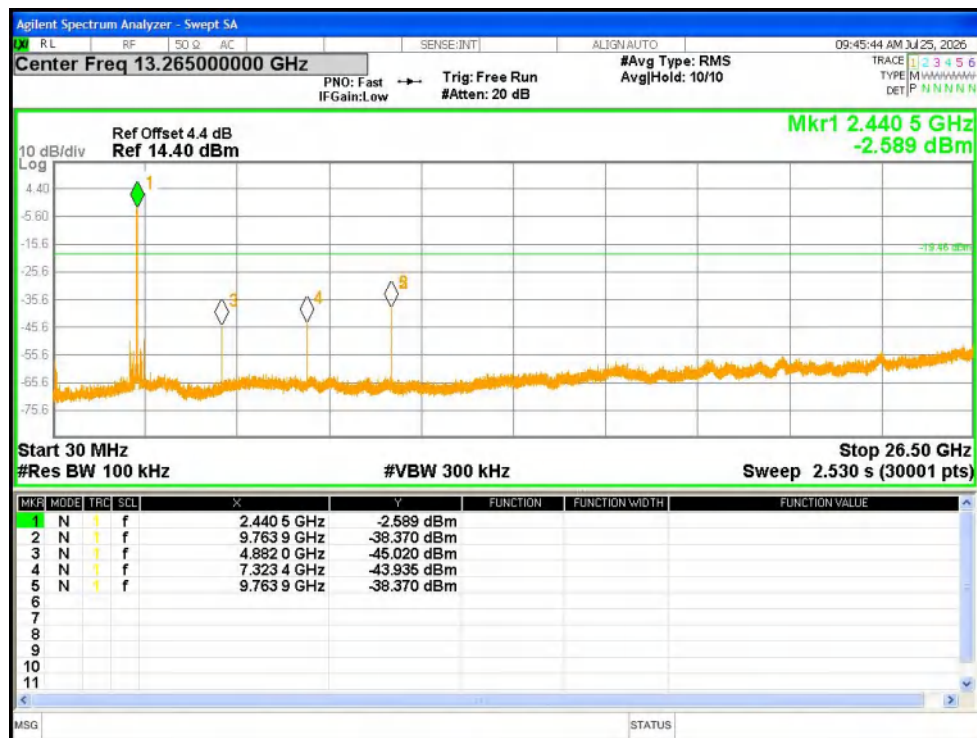
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



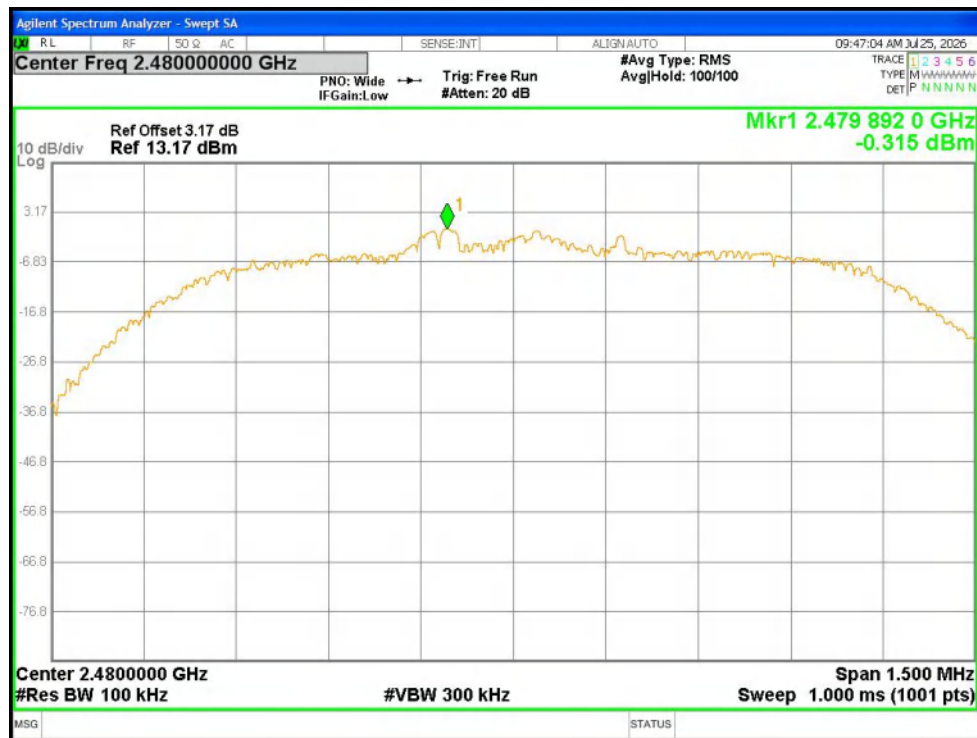
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



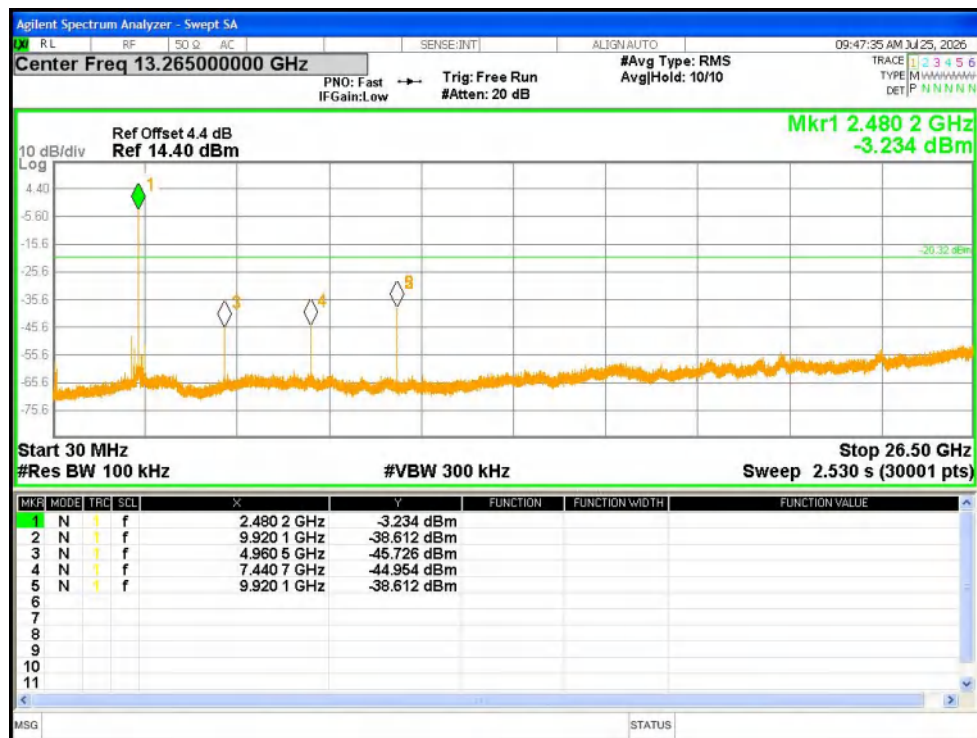
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



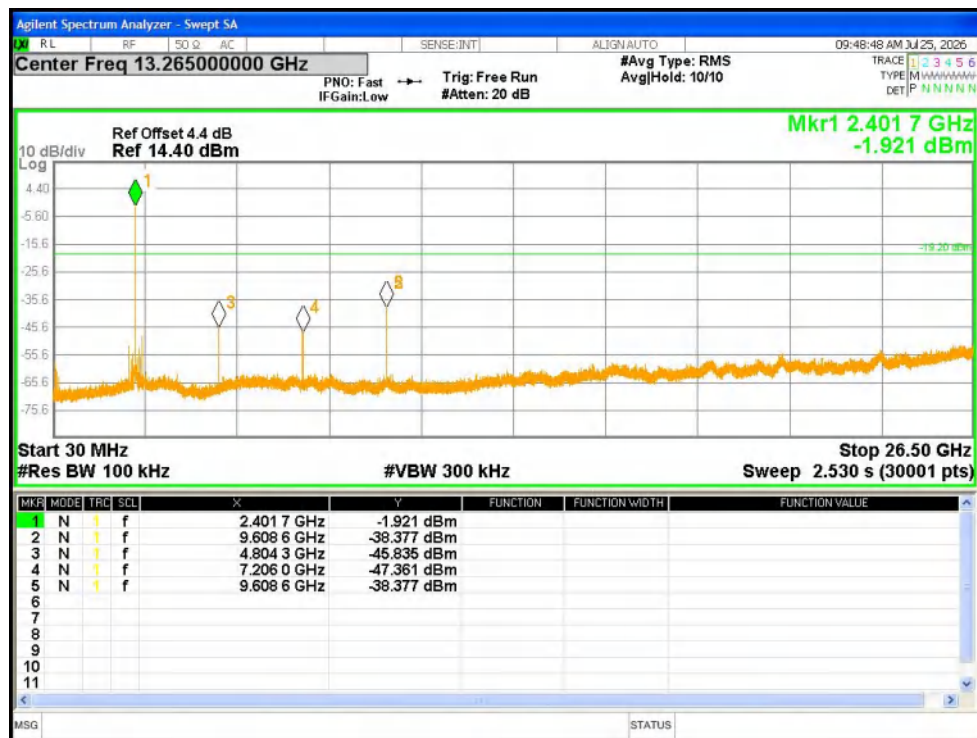
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



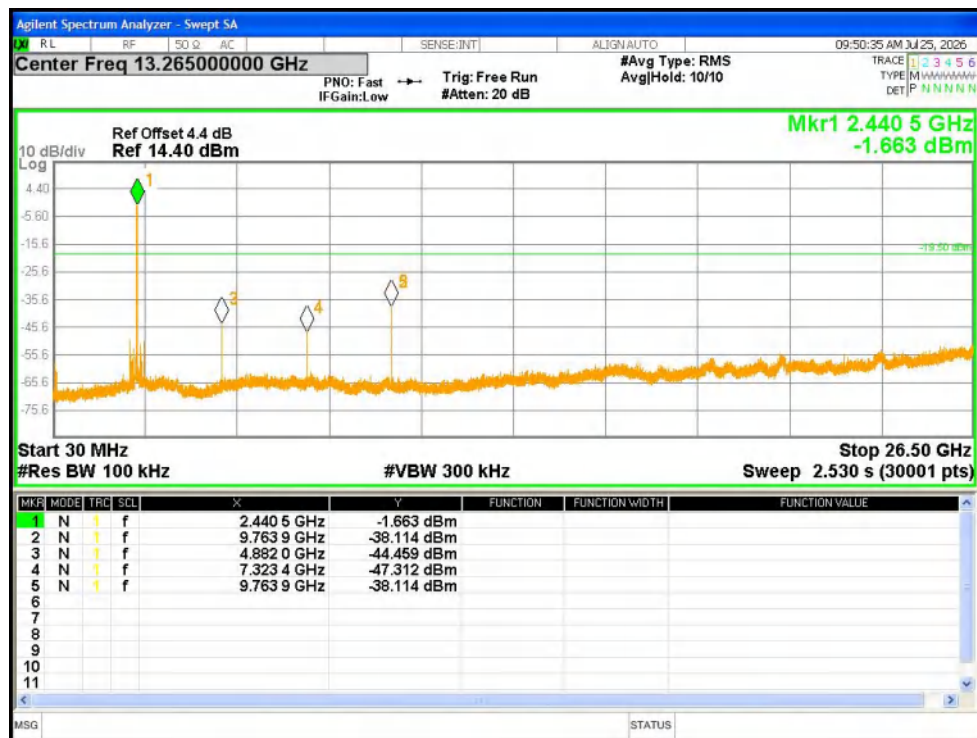
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



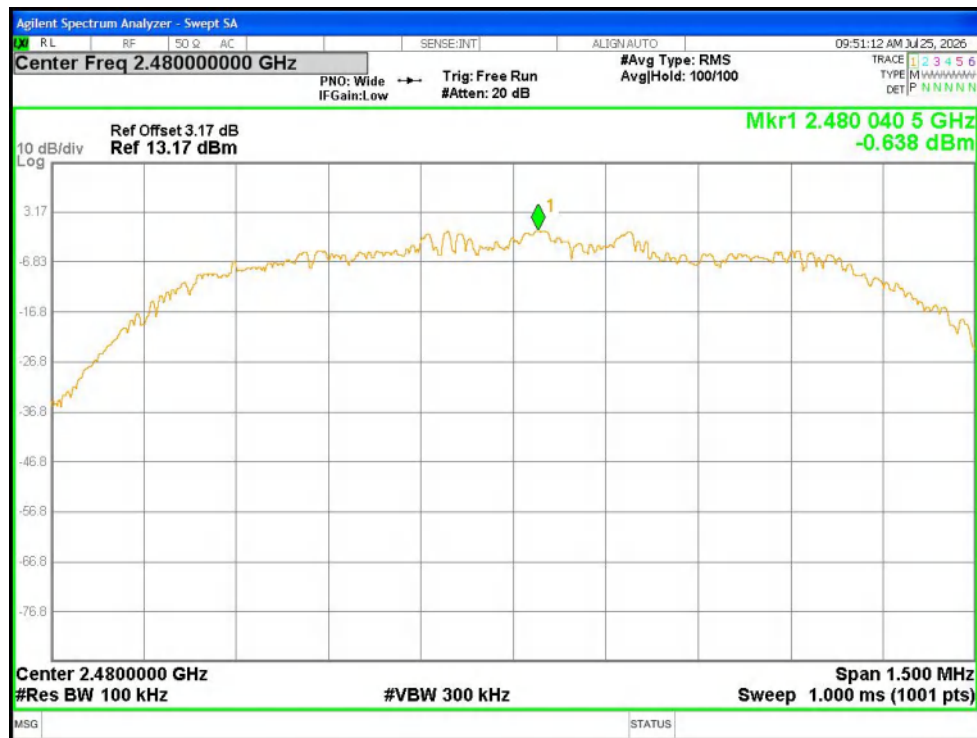
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



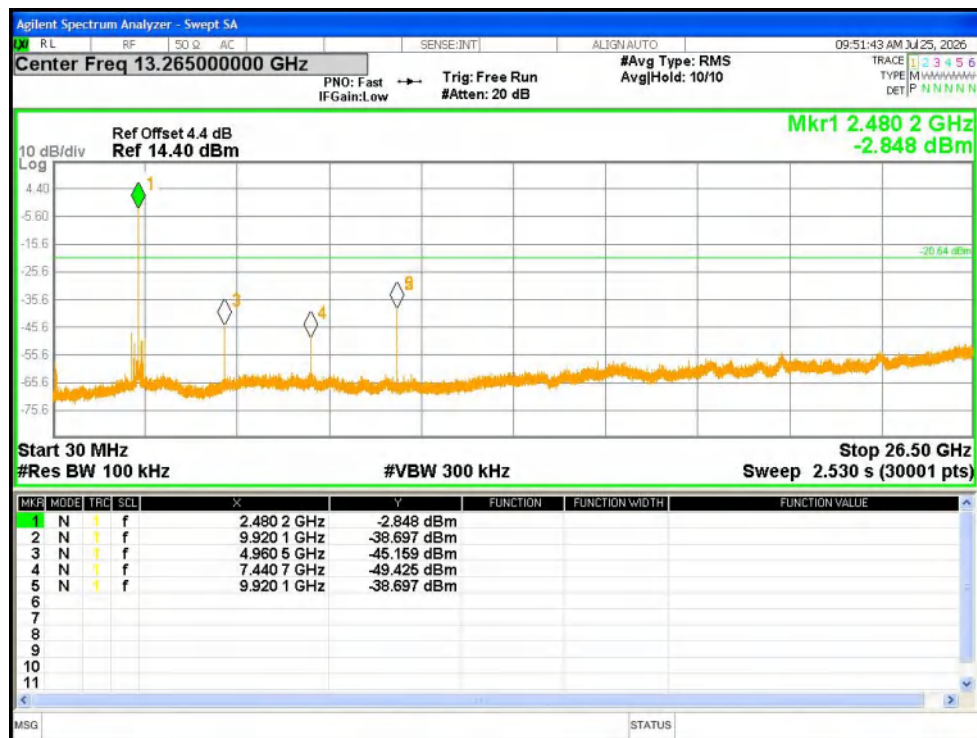
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission