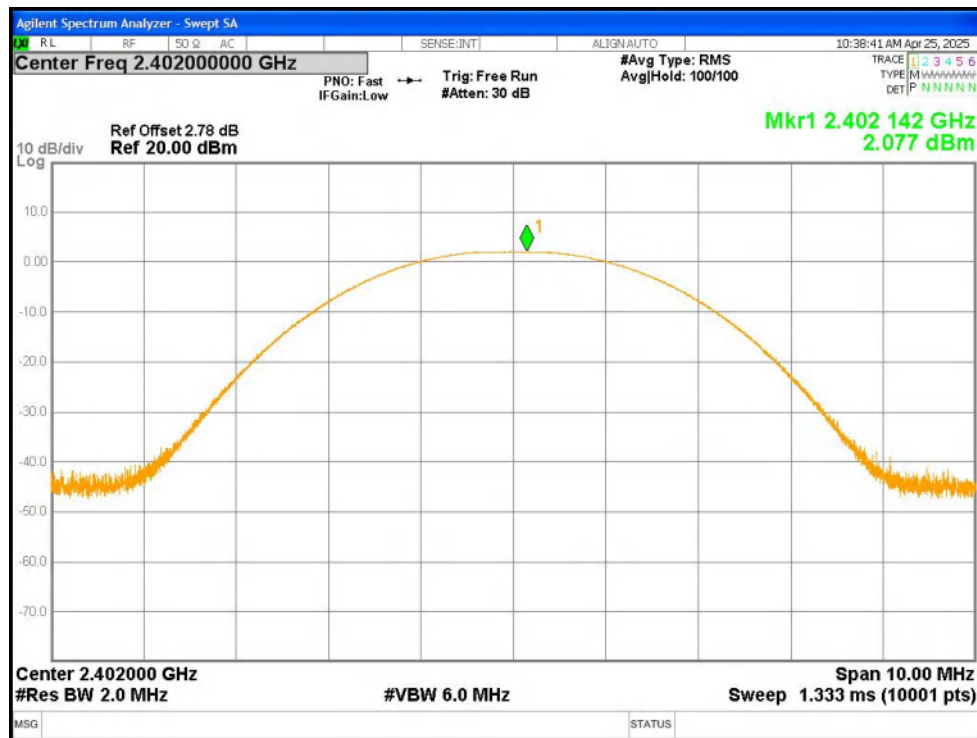


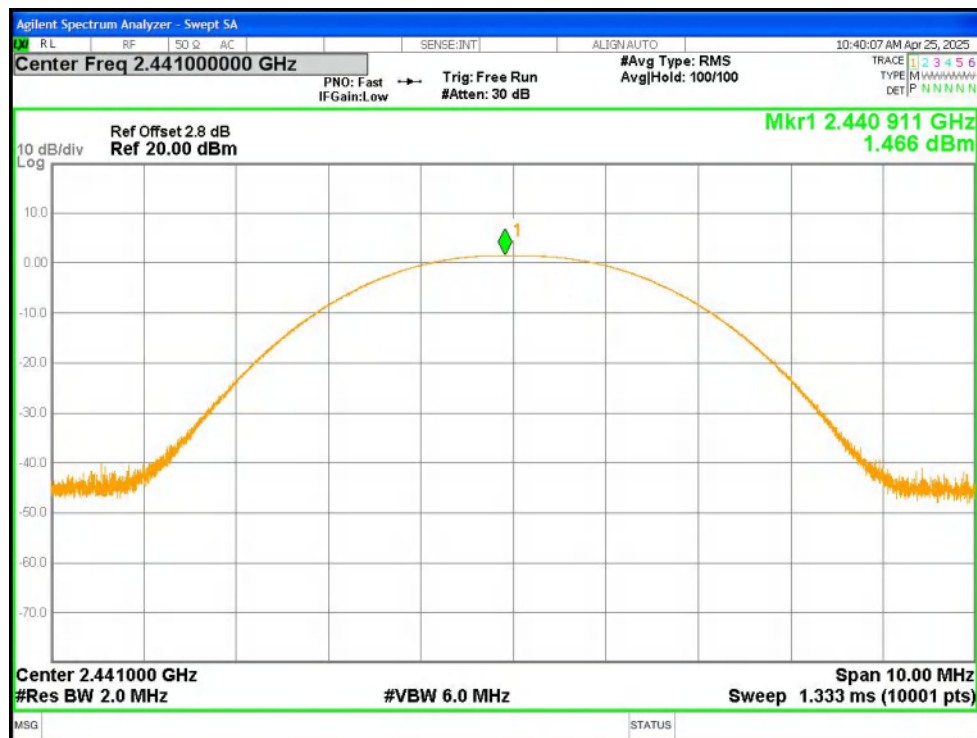
Shenzhen Semetor Electronics Co., LTD**Model: S37****FCC ID: 2AYRH-S37****1. Maximum Peak Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.08	0	2.08	21	Pass
NVNT	1-DH5	2441	Ant1	1.47	0	1.47	21	Pass
NVNT	1-DH5	2480	Ant1	1.53	0	1.53	21	Pass
NVNT	2-DH5	2402	Ant1	2.89	0	2.89	21	Pass
NVNT	2-DH5	2441	Ant1	2.26	0	2.26	21	Pass
NVNT	2-DH5	2480	Ant1	2.33	0	2.33	21	Pass
NVNT	3-DH5	2402	Ant1	3.33	0	3.33	21	Pass
NVNT	3-DH5	2441	Ant1	2.67	0	2.67	21	Pass
NVNT	3-DH5	2480	Ant1	2.73	0	2.73	21	Pass

Report

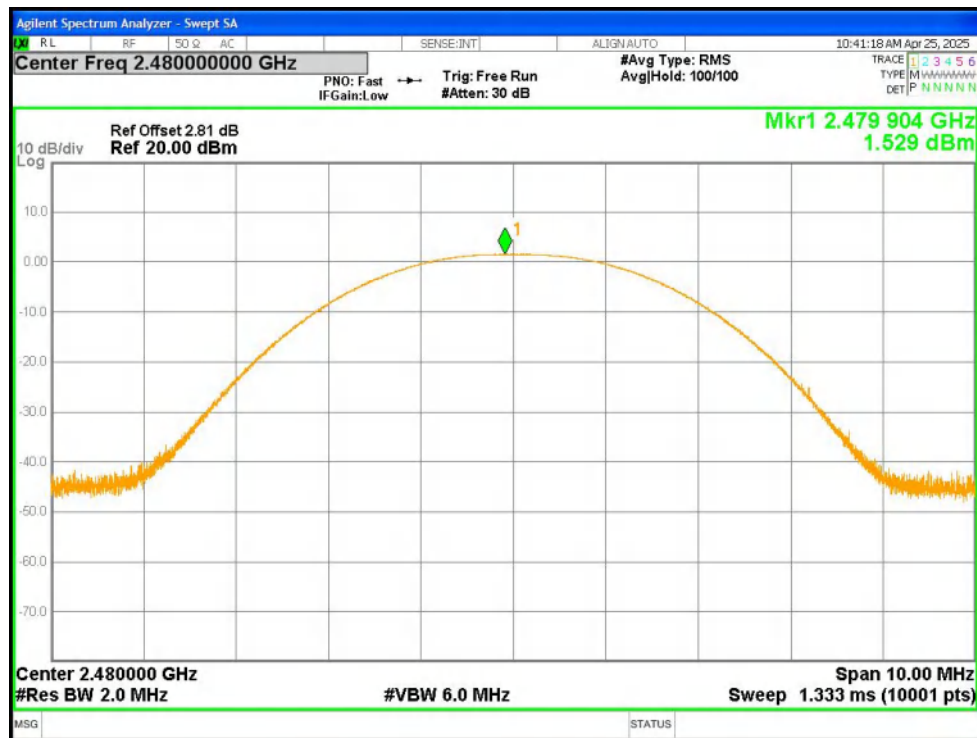


Peak Power NVNT 1-DH5 2402MHz Ant1

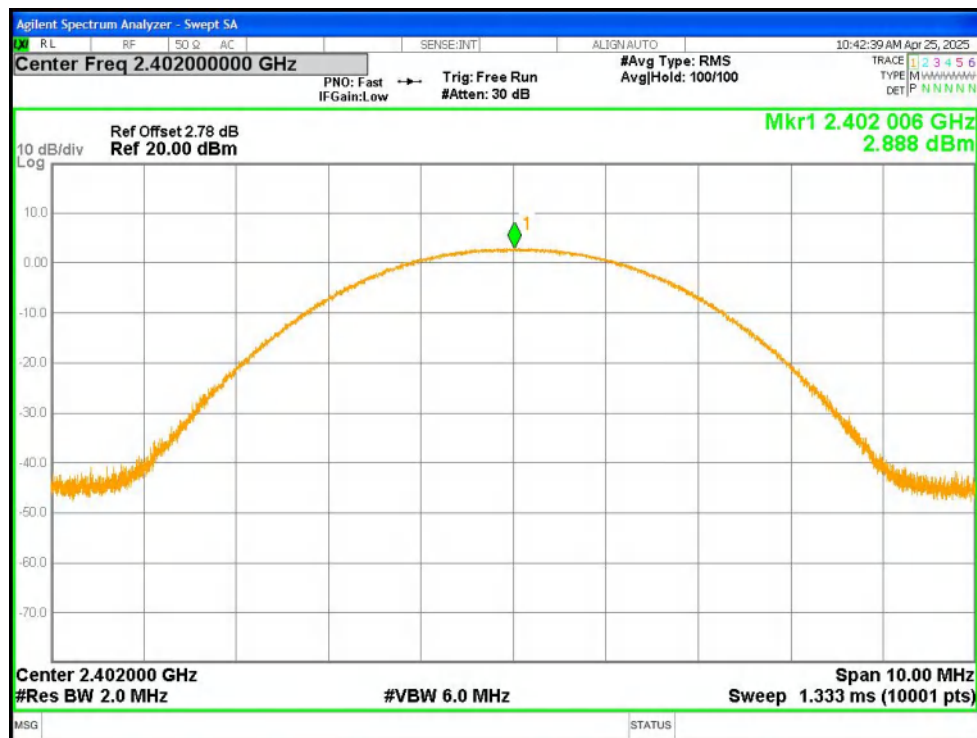


Peak Power NVNT 1-DH5 2441MHz Ant1

Report

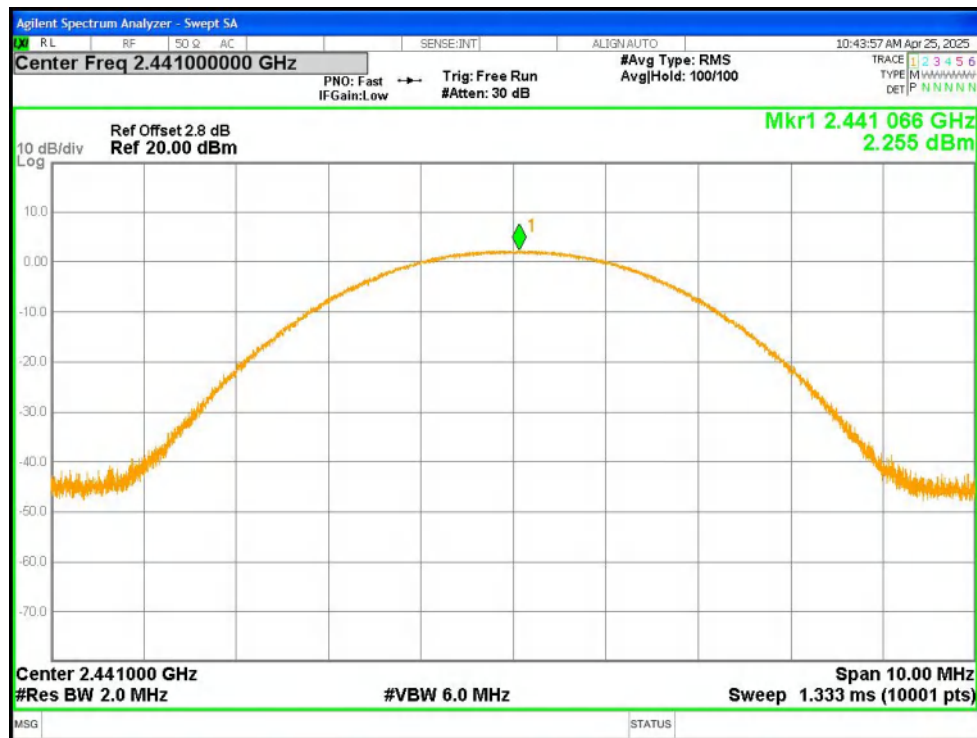


Peak Power NVNT 1-DH5 2480MHz Ant1

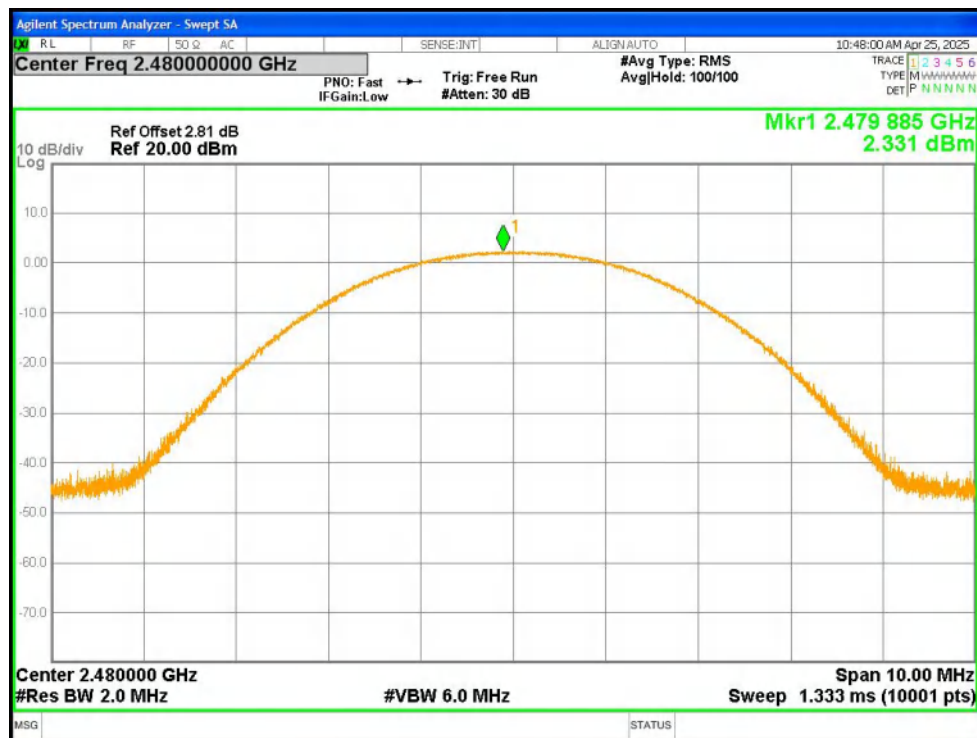


Peak Power NVNT 2-DH5 2402MHz Ant1

Report

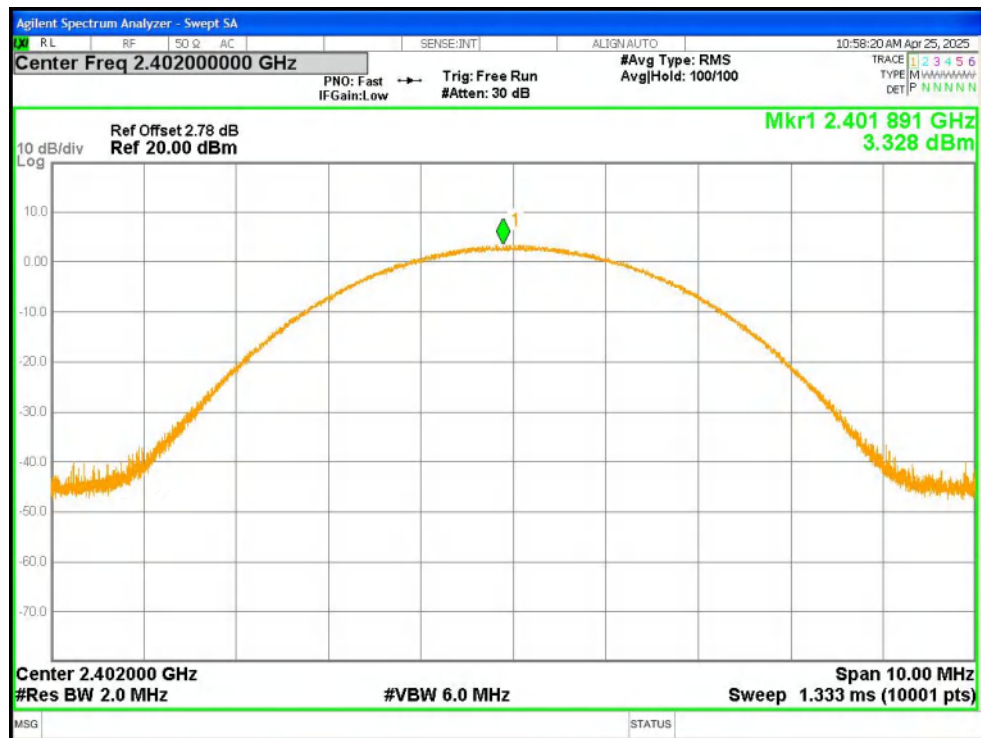


Peak Power NVNT 2-DH5 2441MHz Ant1

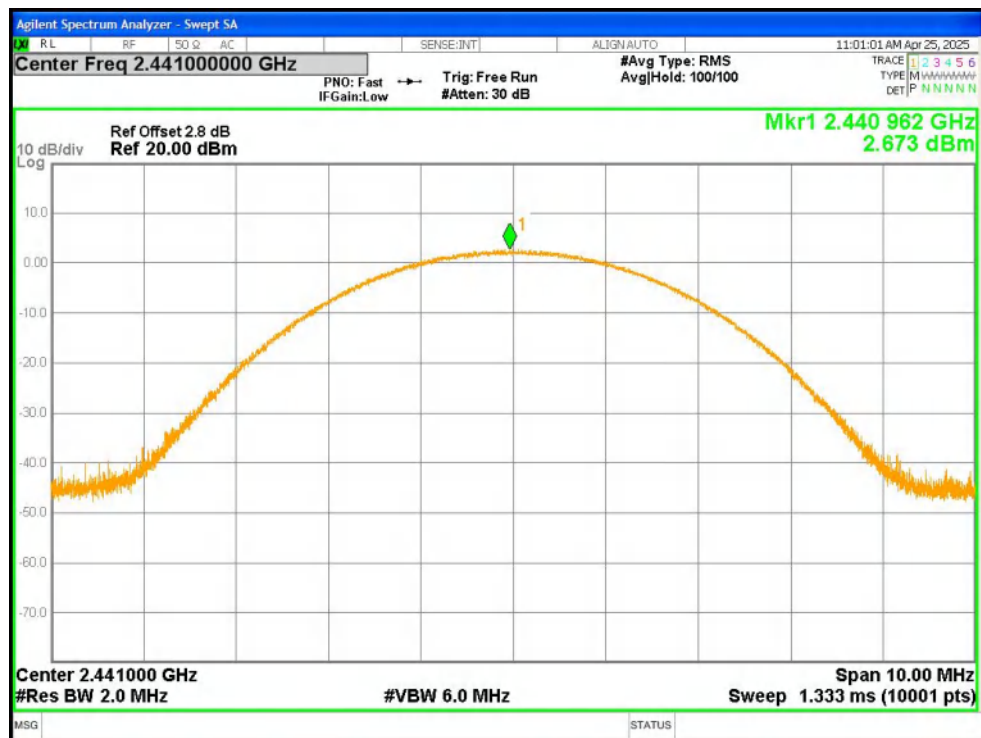


Peak Power NVNT 2-DH5 2480MHz Ant1

Report

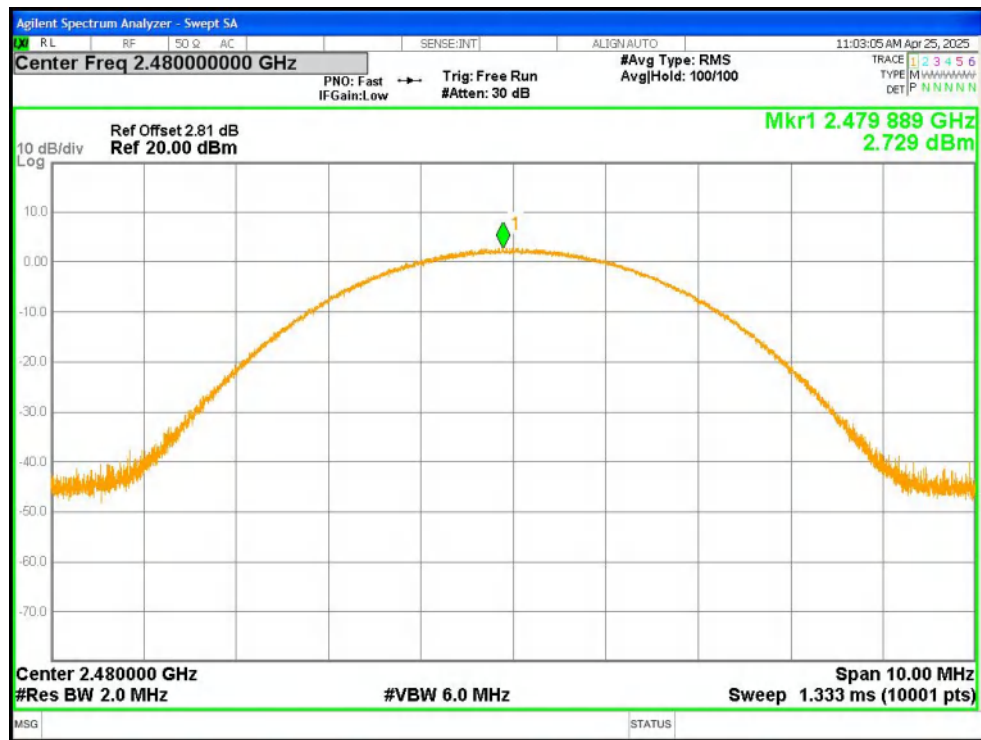


Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1

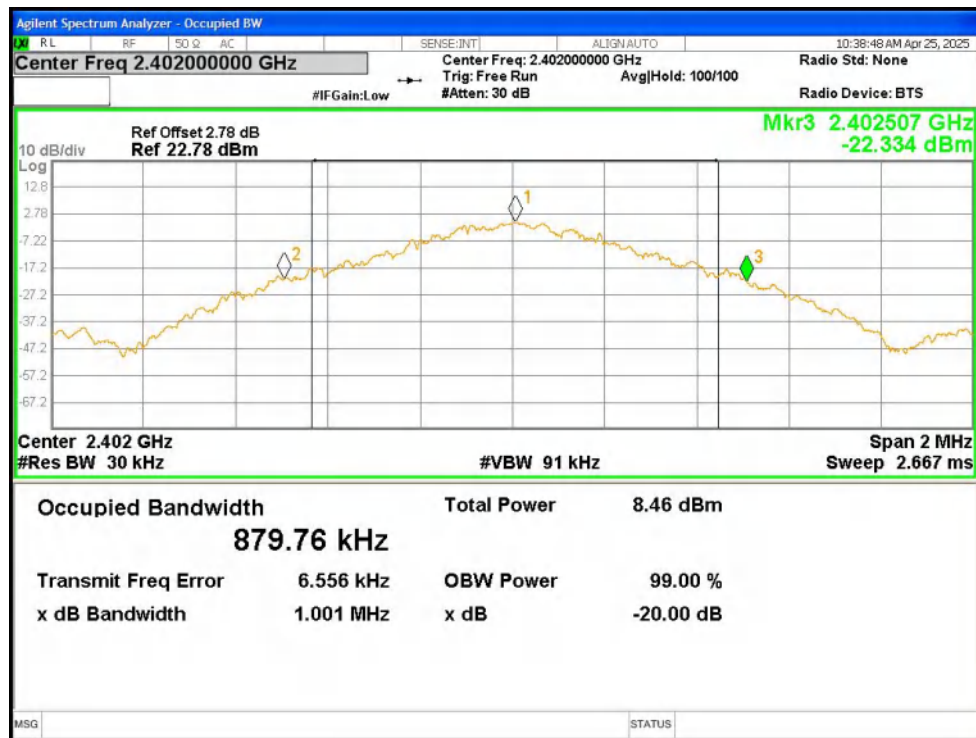
Report



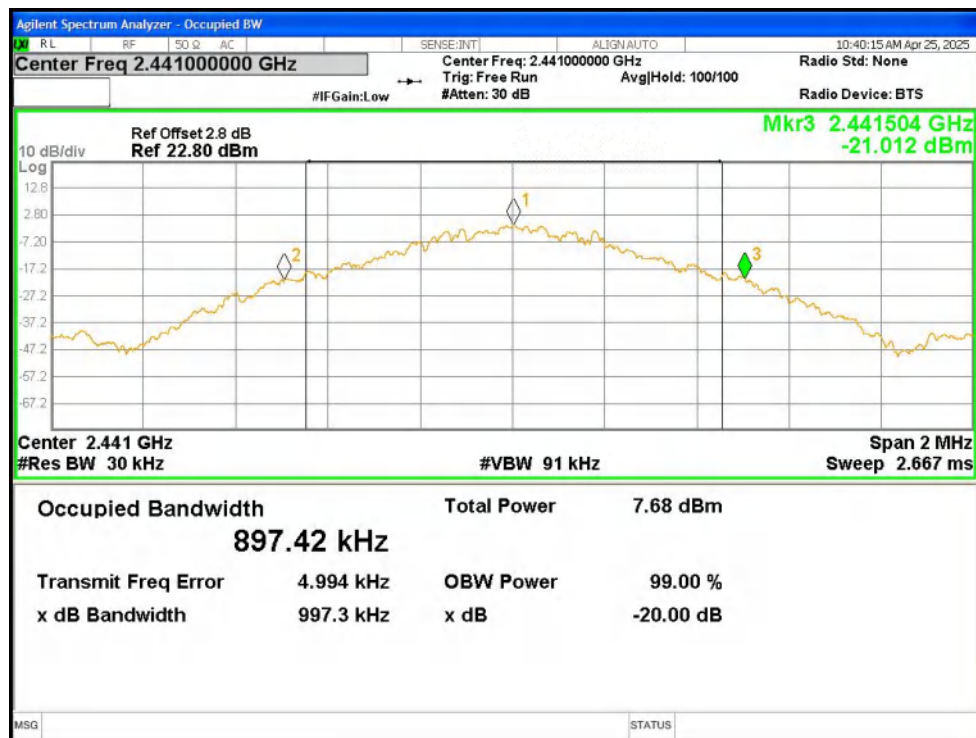
Peak Power NVNT 3-DH5 2480MHz Ant1

2. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.001	Pass
NVNT	1-DH5	2441	Ant1	0.997	Pass
NVNT	1-DH5	2480	Ant1	0.954	Pass
NVNT	2-DH5	2402	Ant1	1.305	Pass
NVNT	2-DH5	2441	Ant1	1.309	Pass
NVNT	2-DH5	2480	Ant1	1.286	Pass
NVNT	3-DH5	2402	Ant1	1.309	Pass
NVNT	3-DH5	2441	Ant1	1.294	Pass
NVNT	3-DH5	2480	Ant1	1.308	Pass

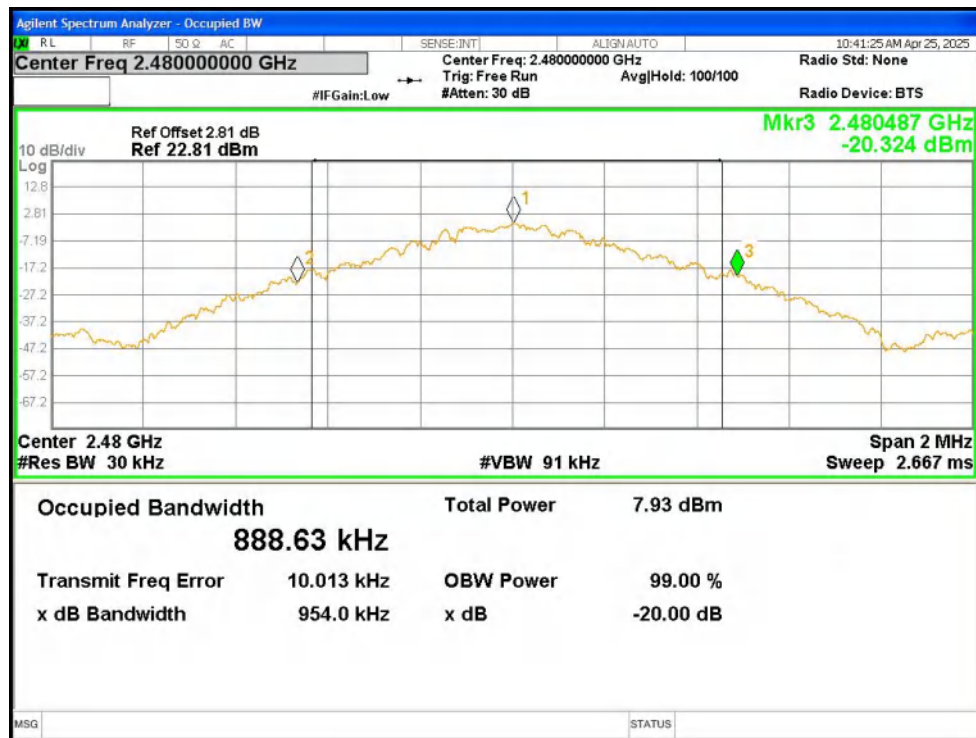


-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

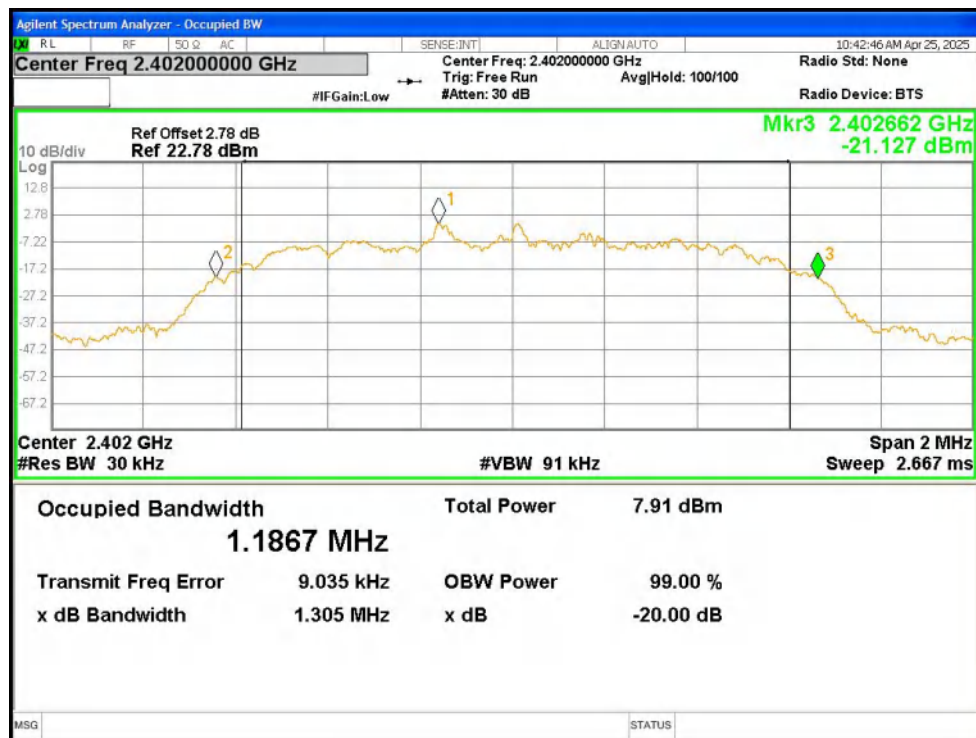


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

Report

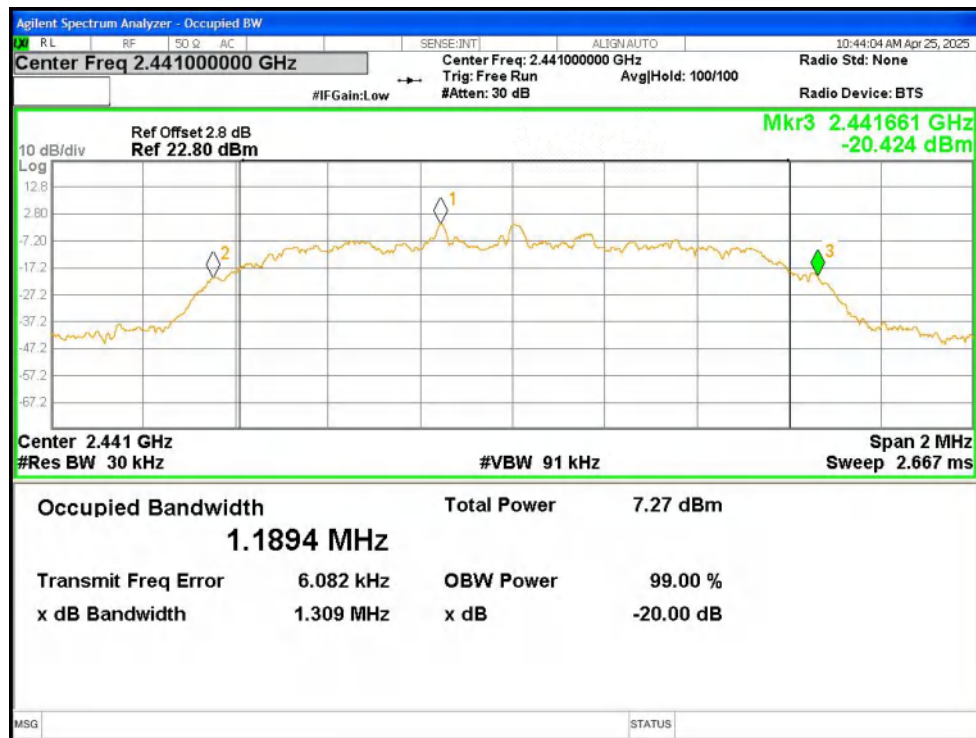


-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

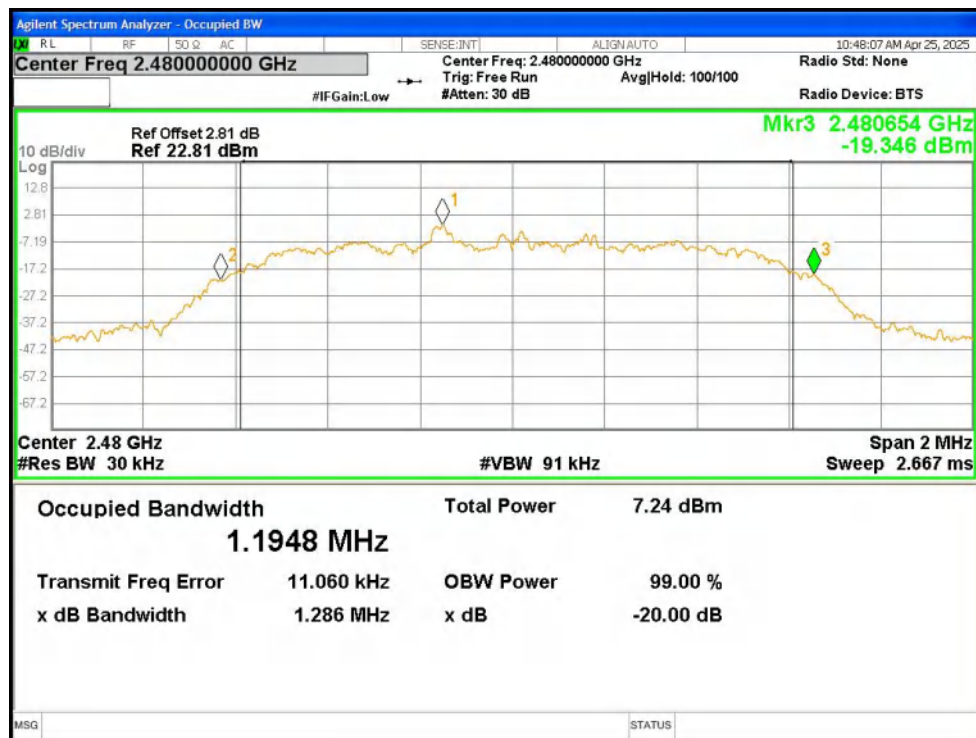


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

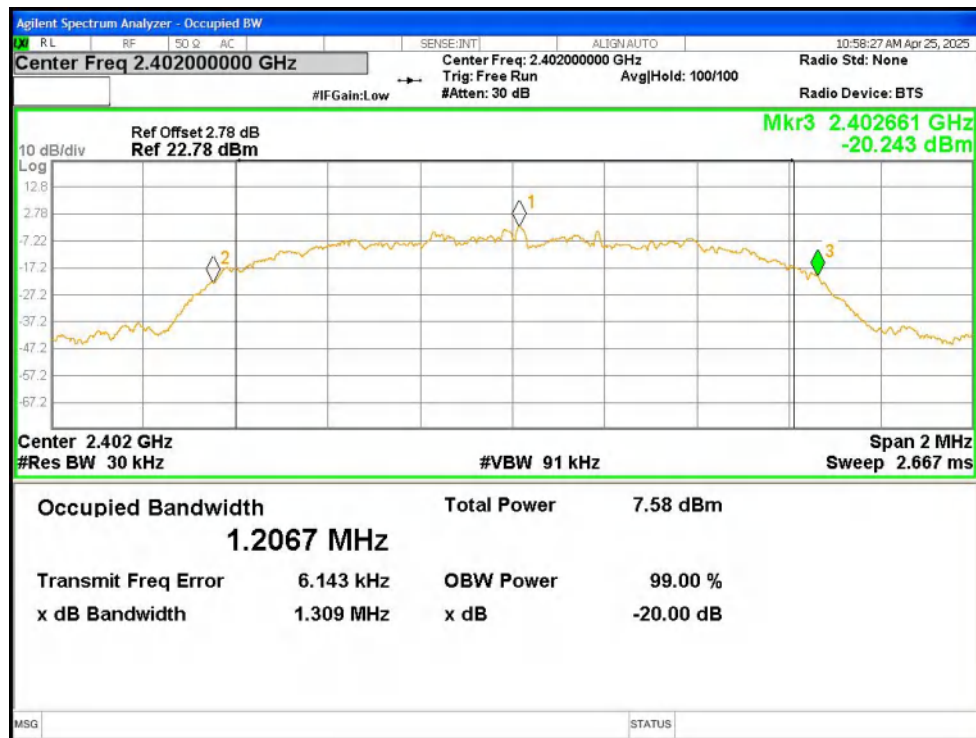
Report



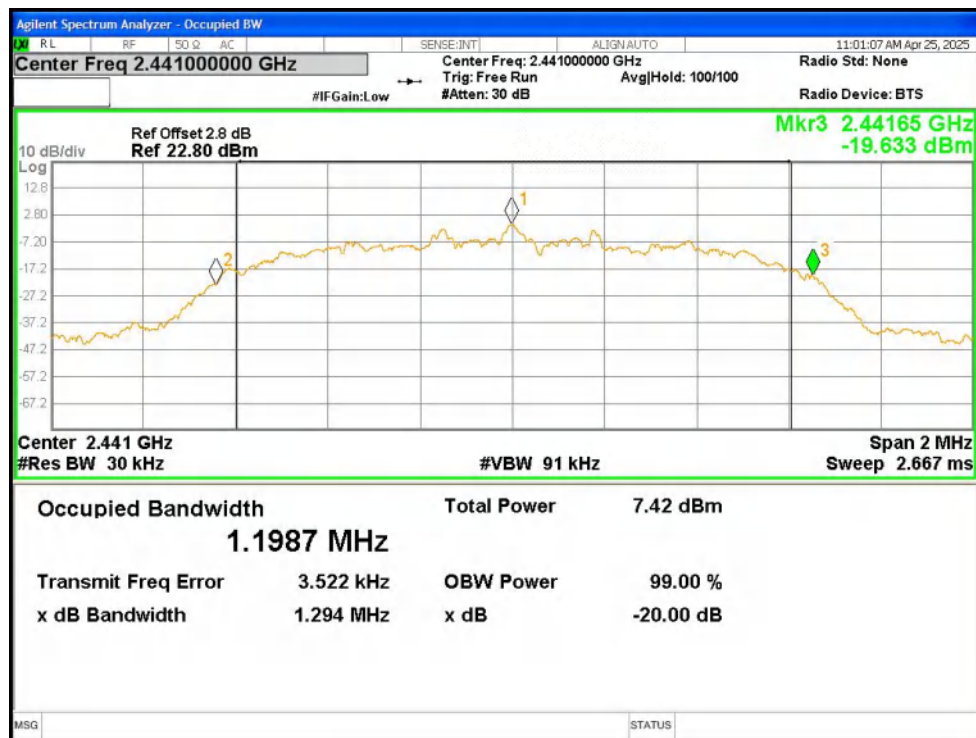
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

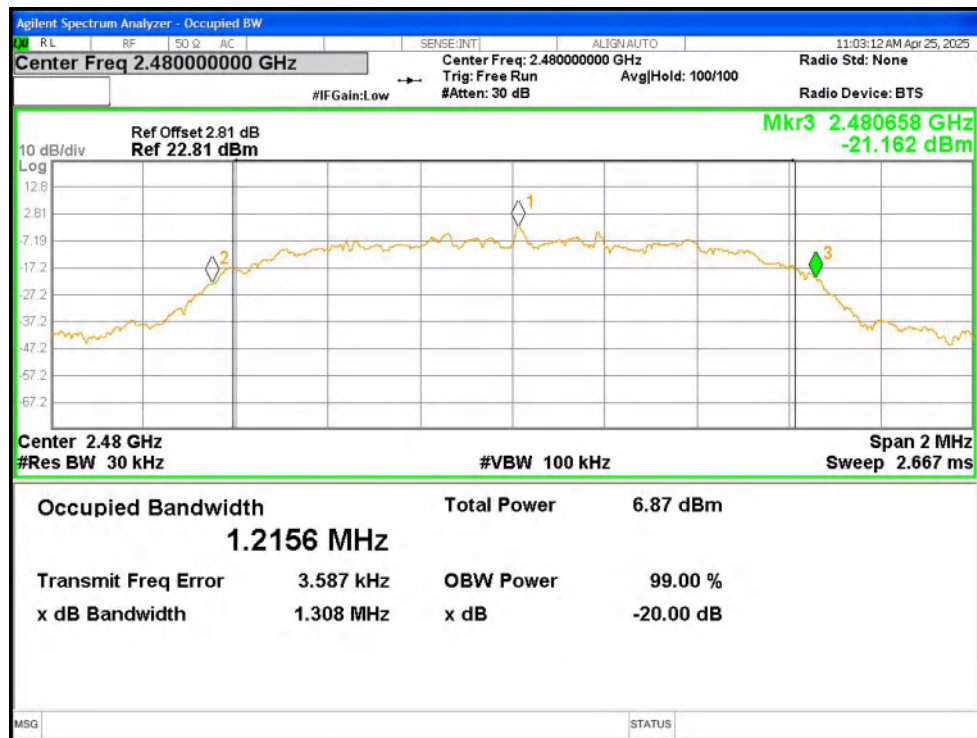


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

Report

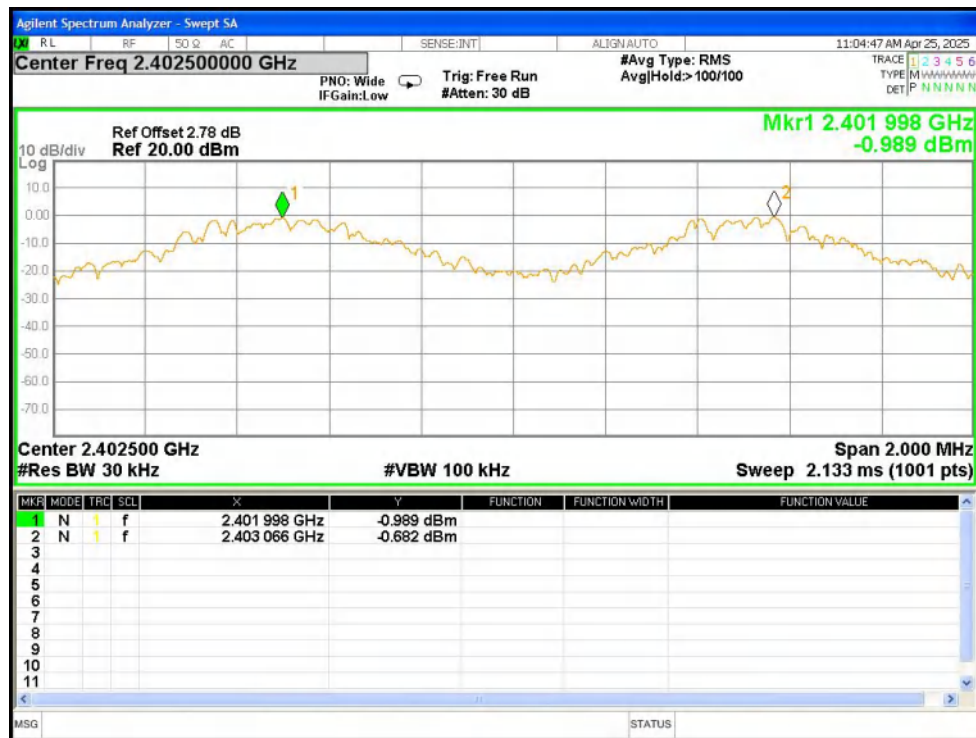


-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

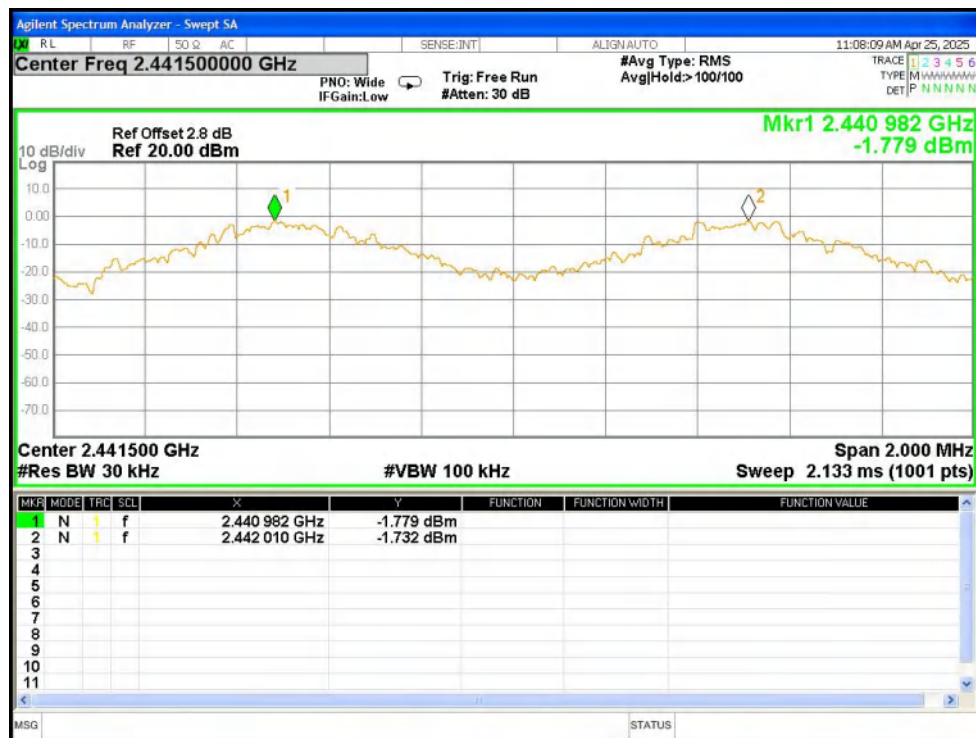
3. Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.998	2403.066	1.068	0.667	Pass
NVNT	1-DH5	Ant1	2440.982	2442.01	1.028	0.665	Pass
NVNT	1-DH5	Ant1	2479.002	2479.908	0.906	0.636	Pass
NVNT	2-DH5	Ant1	2402	2403	1.000	0.87	Pass
NVNT	2-DH5	Ant1	2440.852	2442.006	1.154	0.873	Pass
NVNT	2-DH5	Ant1	2478.838	2479.85	1.012	0.857	Pass
NVNT	3-DH5	Ant1	2401.986	2403.002	1.016	0.873	Pass
NVNT	3-DH5	Ant1	2440.83	2441.846	1.016	0.863	Pass
NVNT	3-DH5	Ant1	2478.99	2480.016	1.026	0.872	Pass

Report



CFS NVNT 1-DH5 2402MHz Ant1

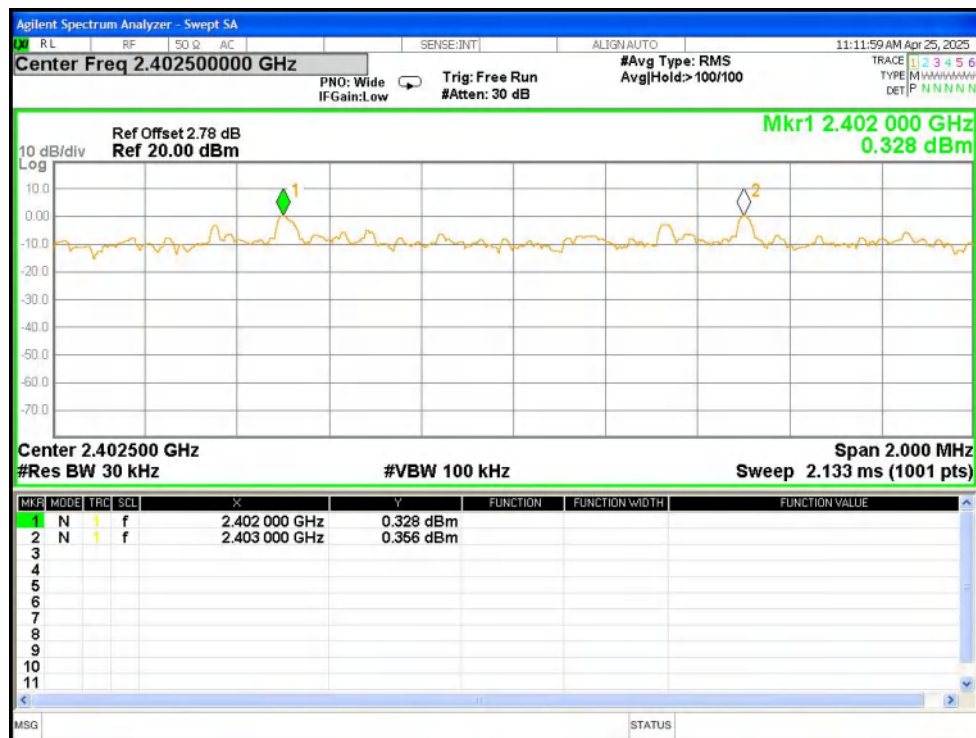


CFS NVNT 1-DH5 2441MHz Ant1

Report

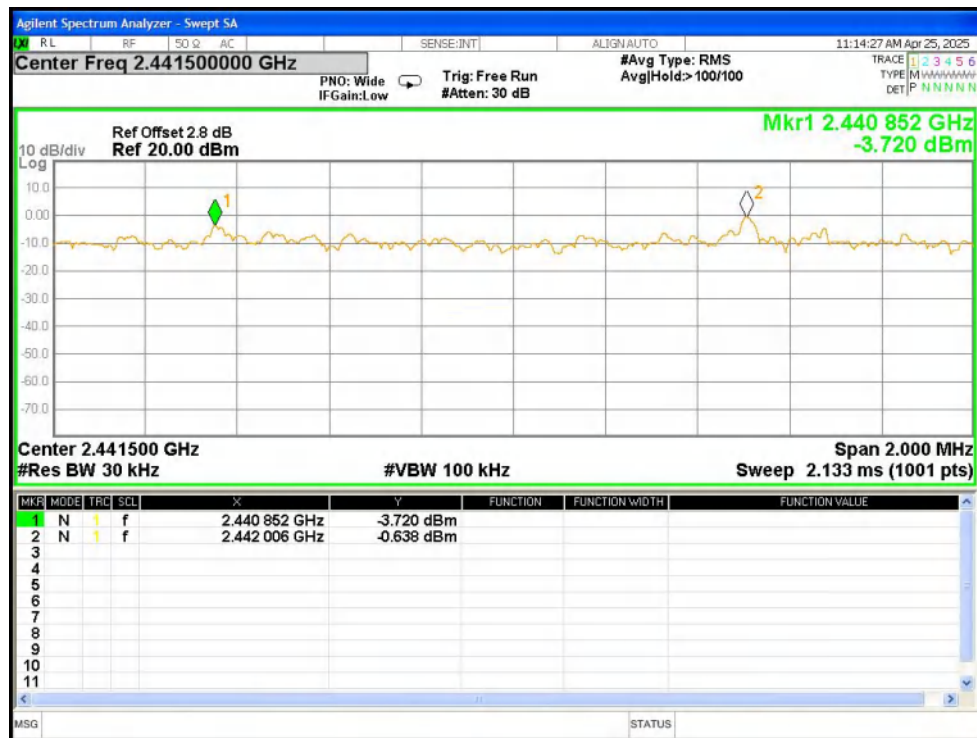


CFS NVNT 1-DH5 2480MHz Ant1

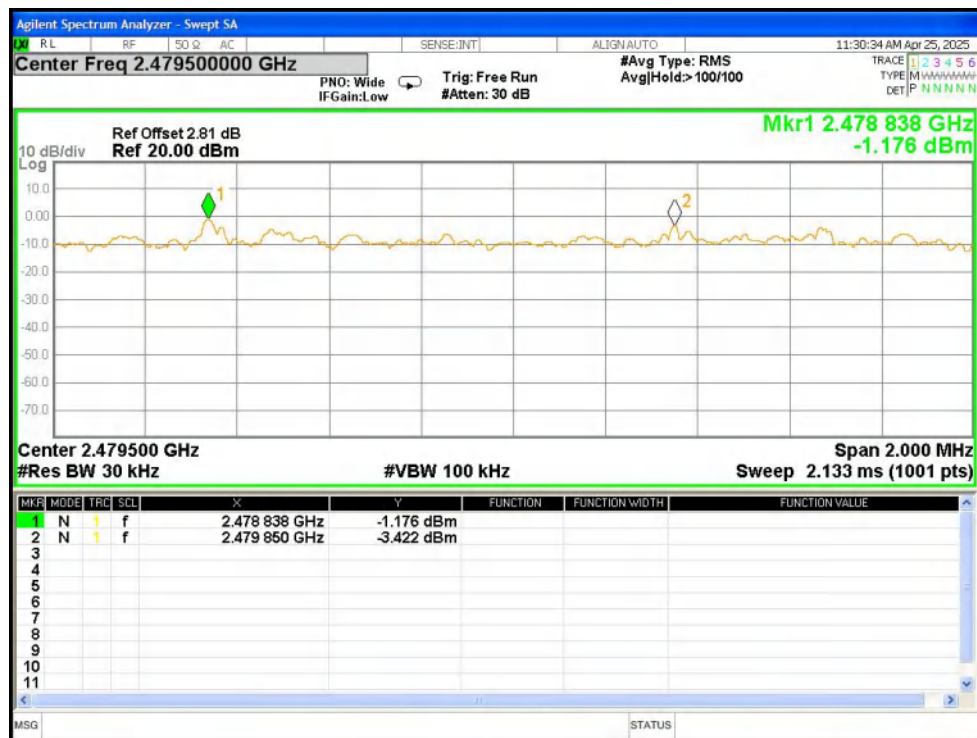


CFS NVNT 2-DH5 2402MHz Ant1

Report

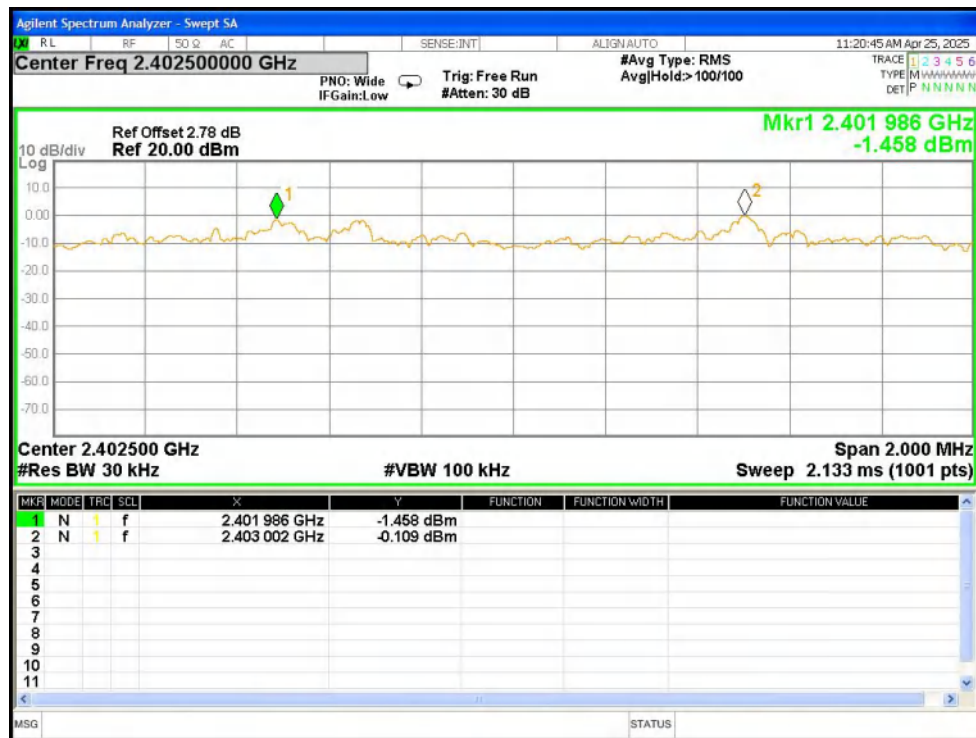


CFS NVNT 2-DH5 2441MHz Ant1

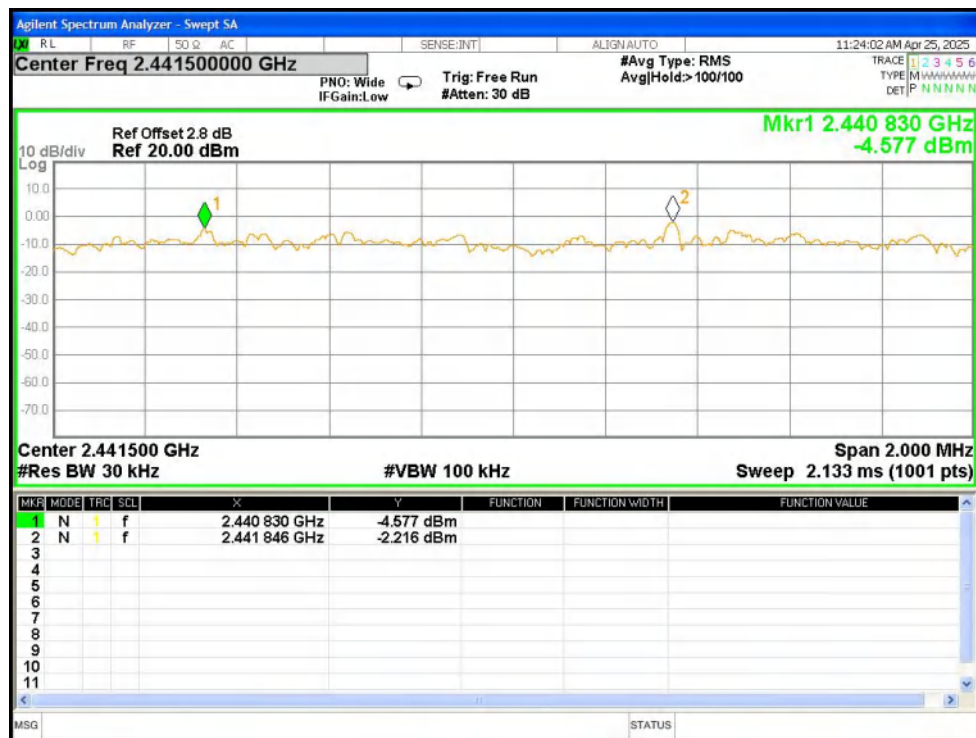


CFS NVNT 2-DH5 2480MHz Ant1

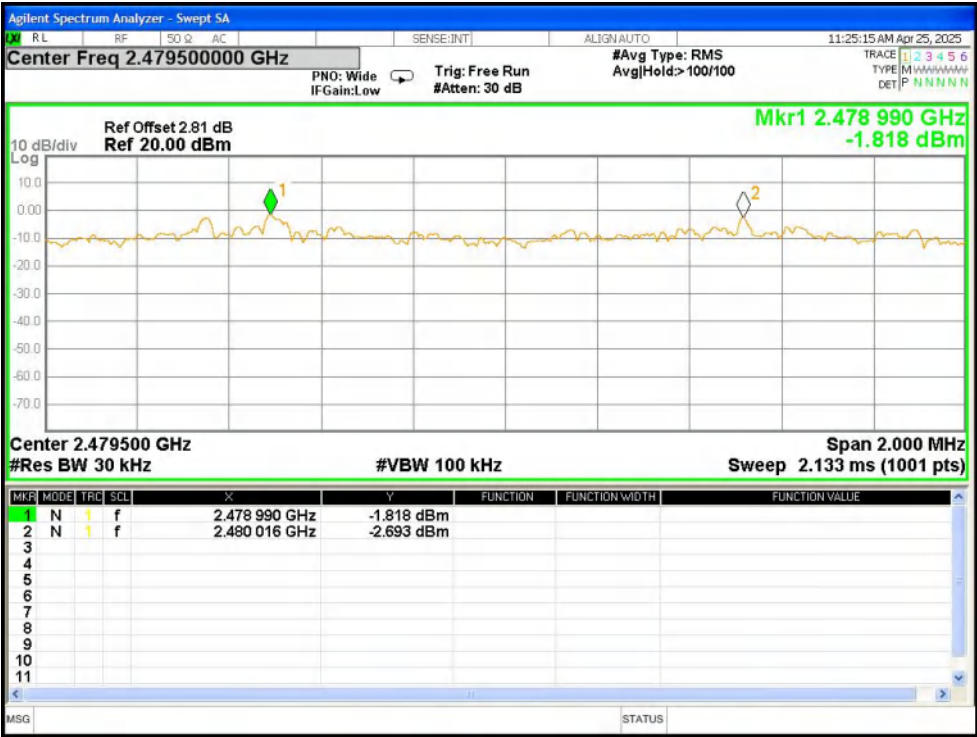
Report



CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

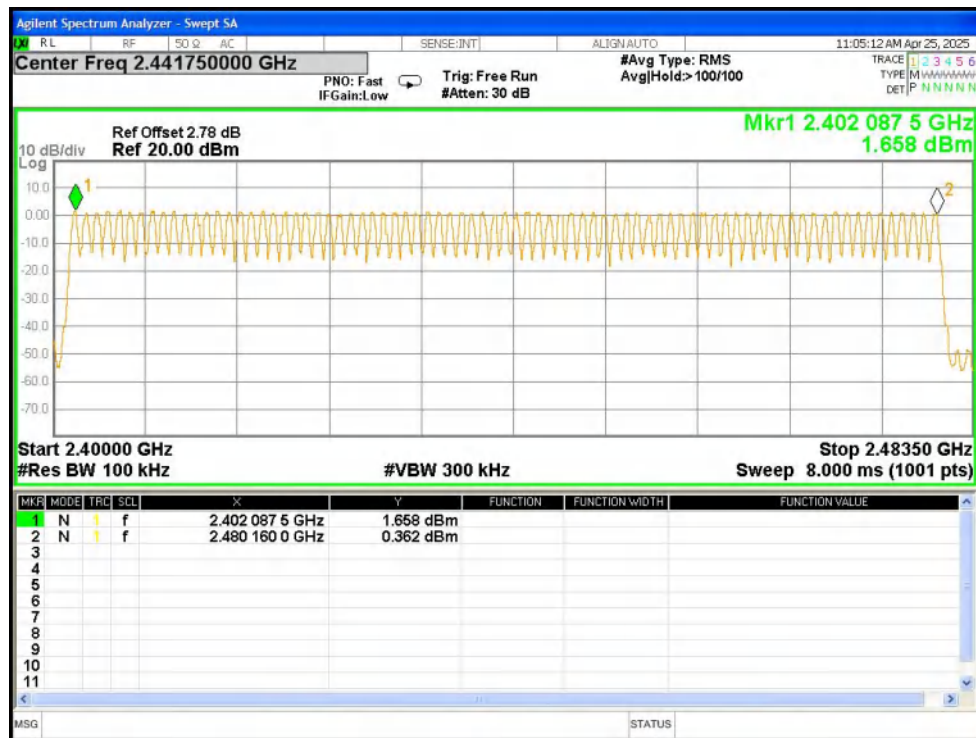


CFS NVNT 3-DH5 2480MHz Ant1

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

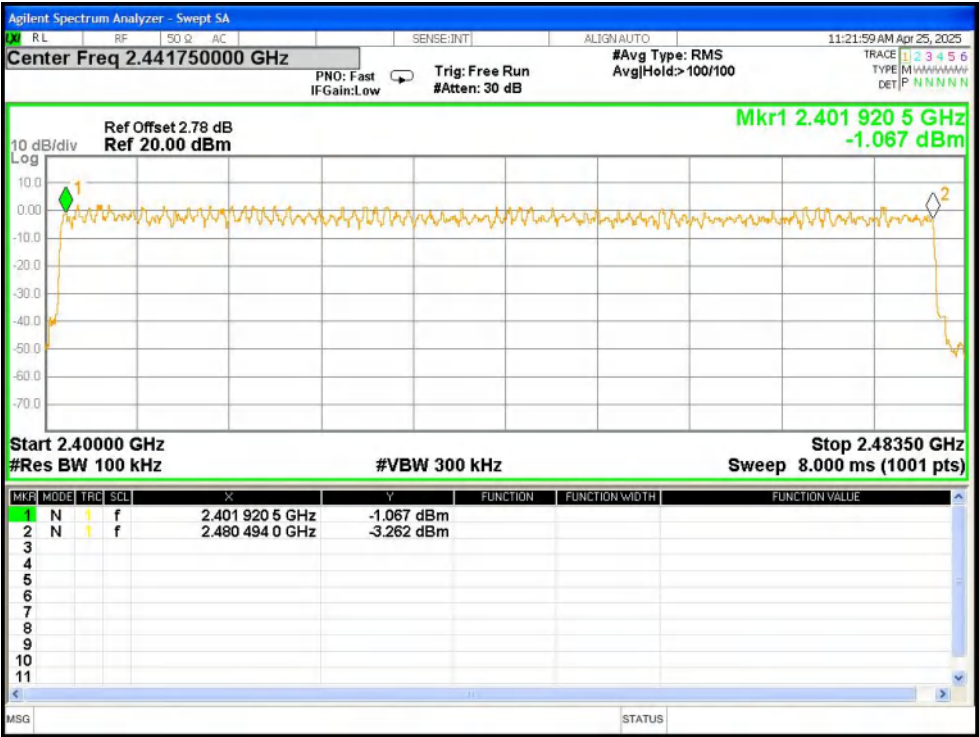
Report



Hopping No. NVNT 1-DH5 2402MHz Ant1



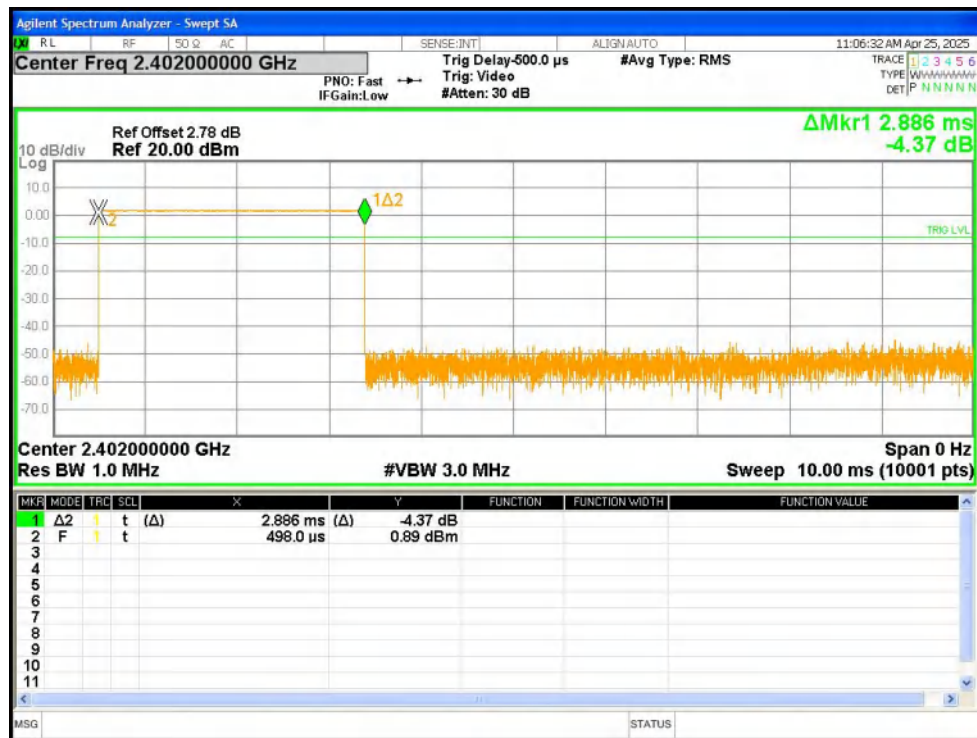
Hopping No. NVNT 2-DH5 2402MHz Ant1



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	2.886	291.486	101	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.886	331.89	115	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	297.361	103	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.892	271.848	94	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.891	315.119	109	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.891	309.337	107	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.894	335.704	116	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.893	289.3	100	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.894	318.34	110	31600	400	Pass

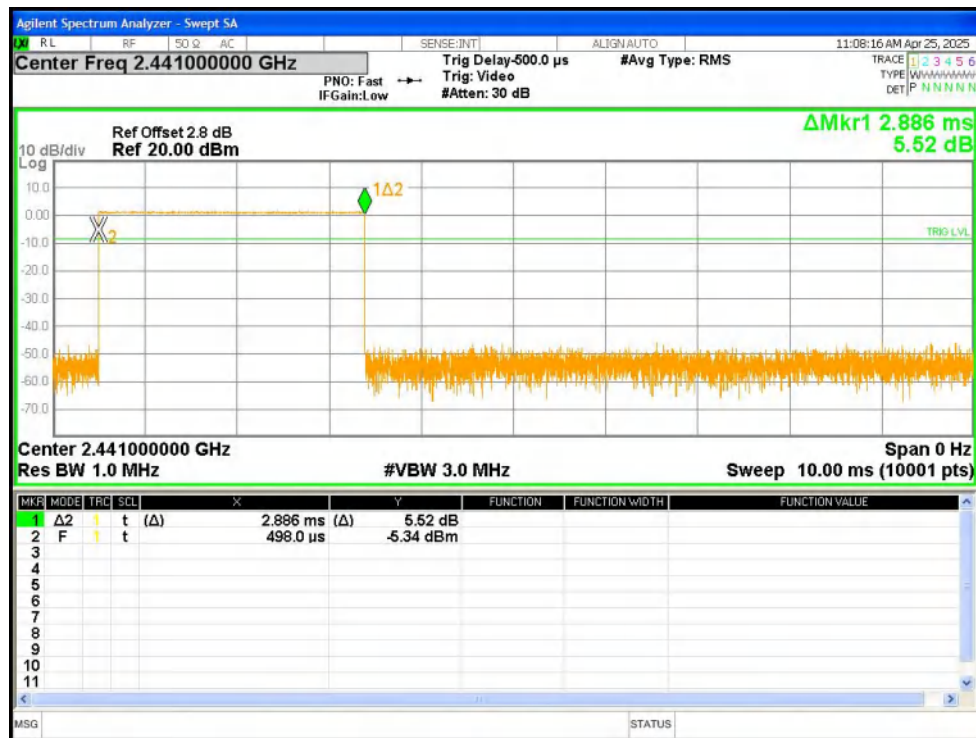


Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

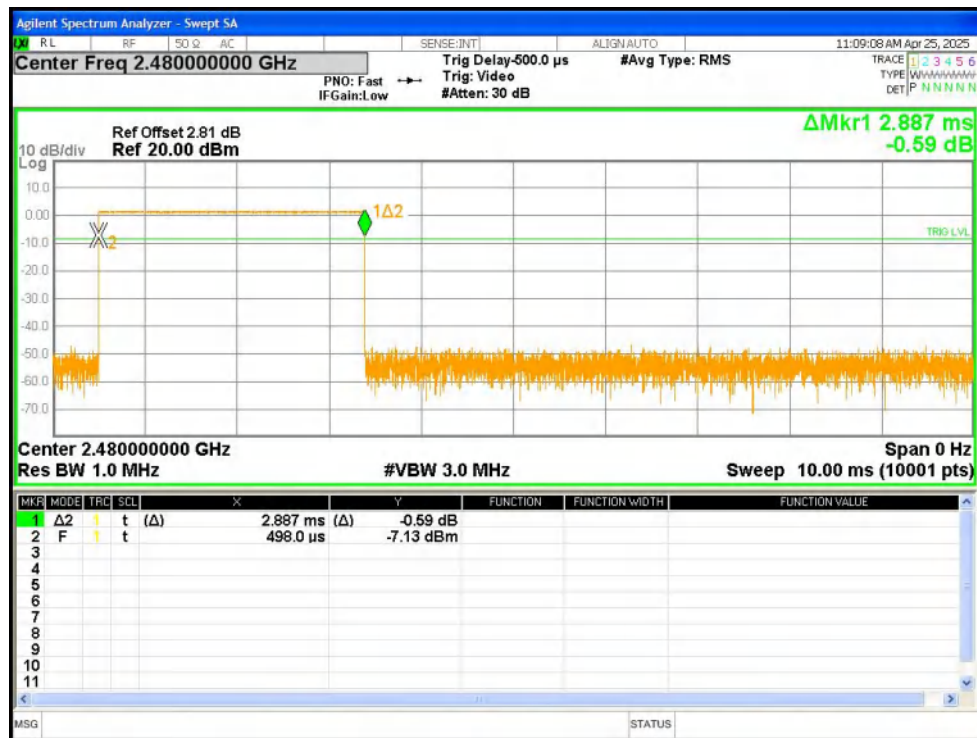
Report



Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



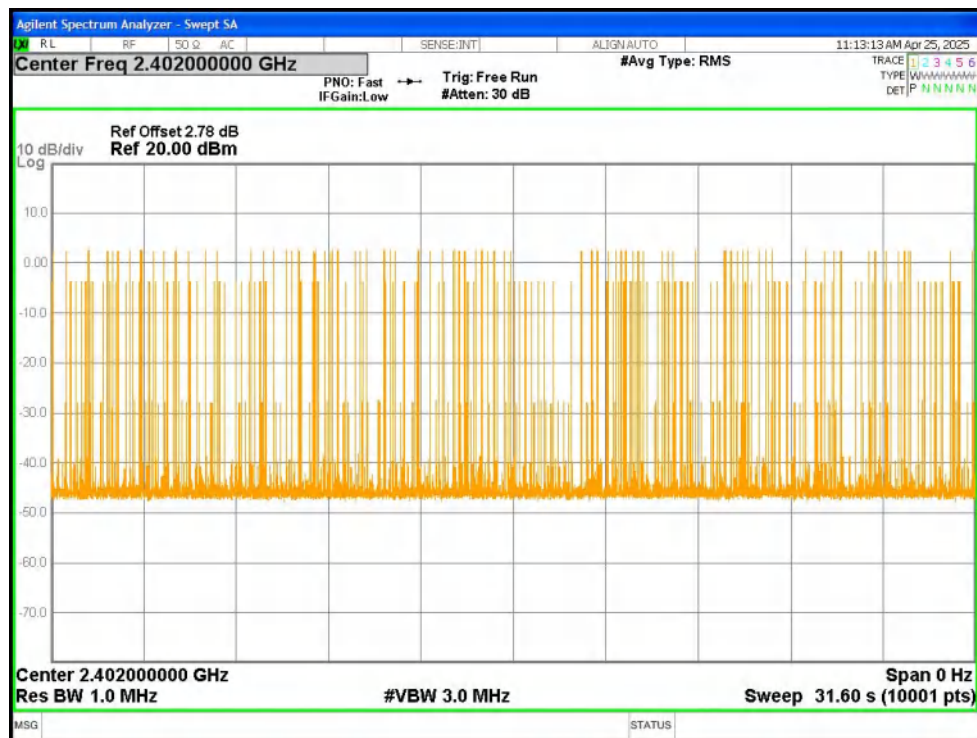
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

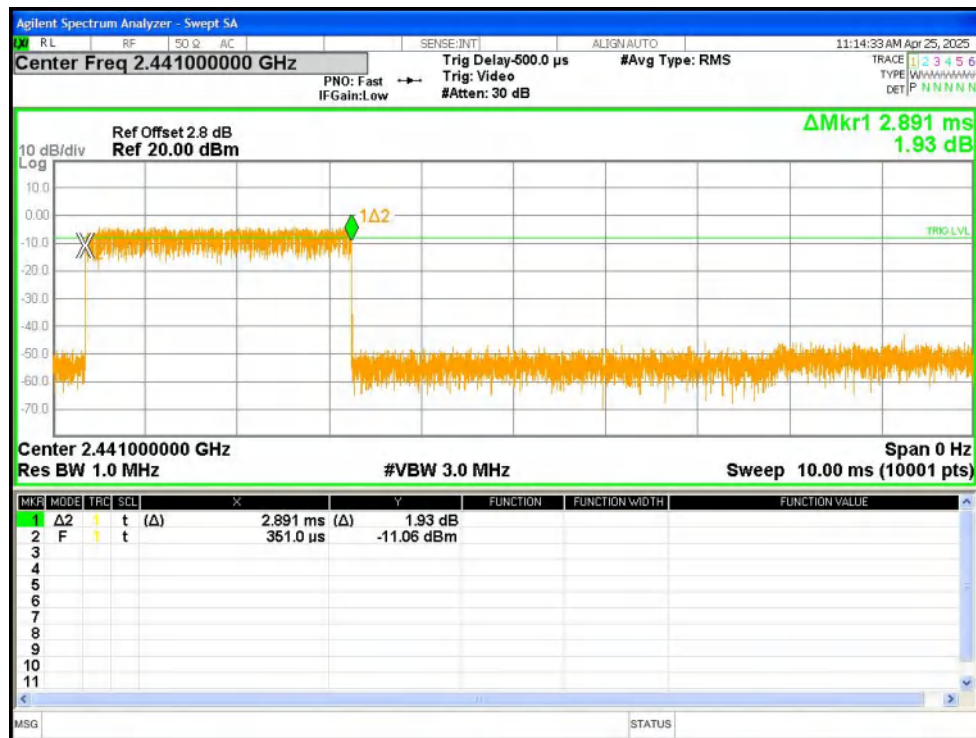


Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

Report



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

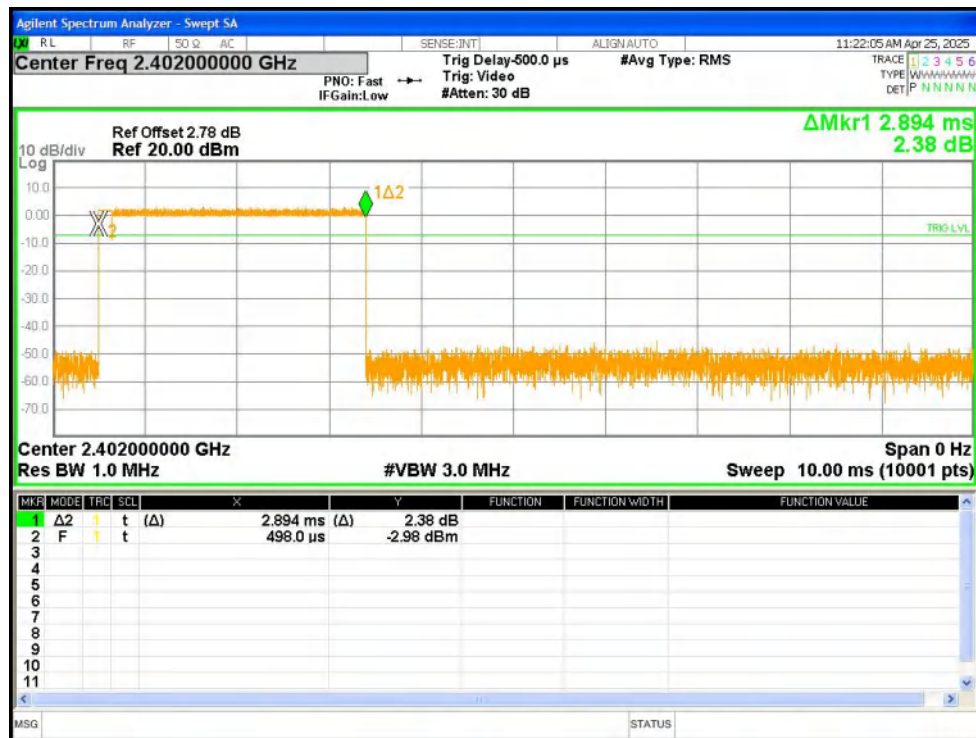
Report



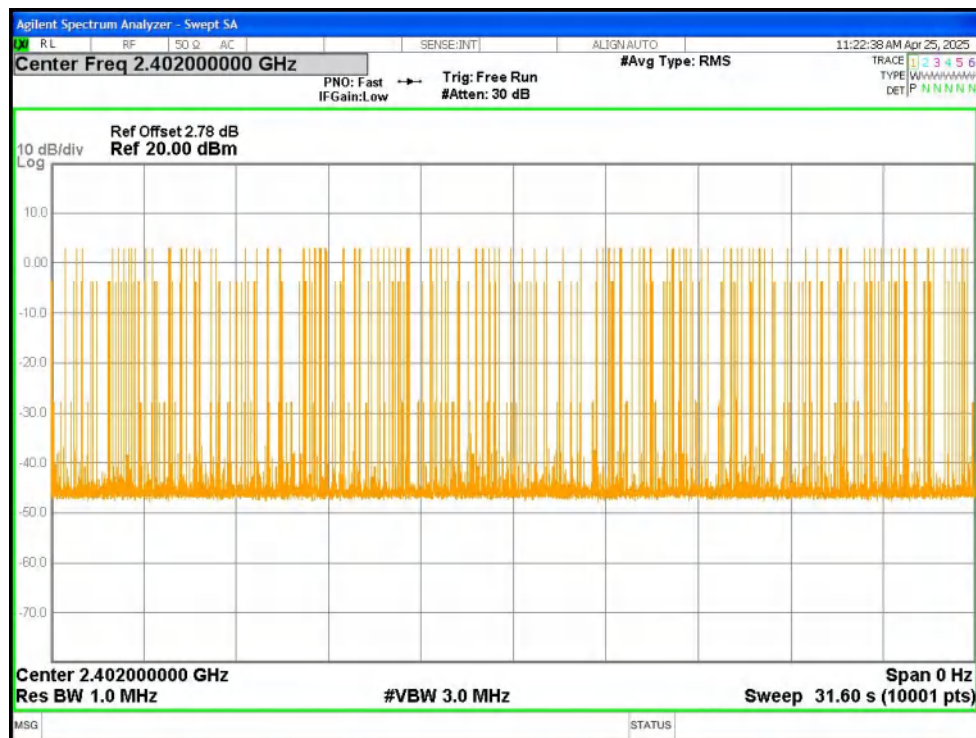
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



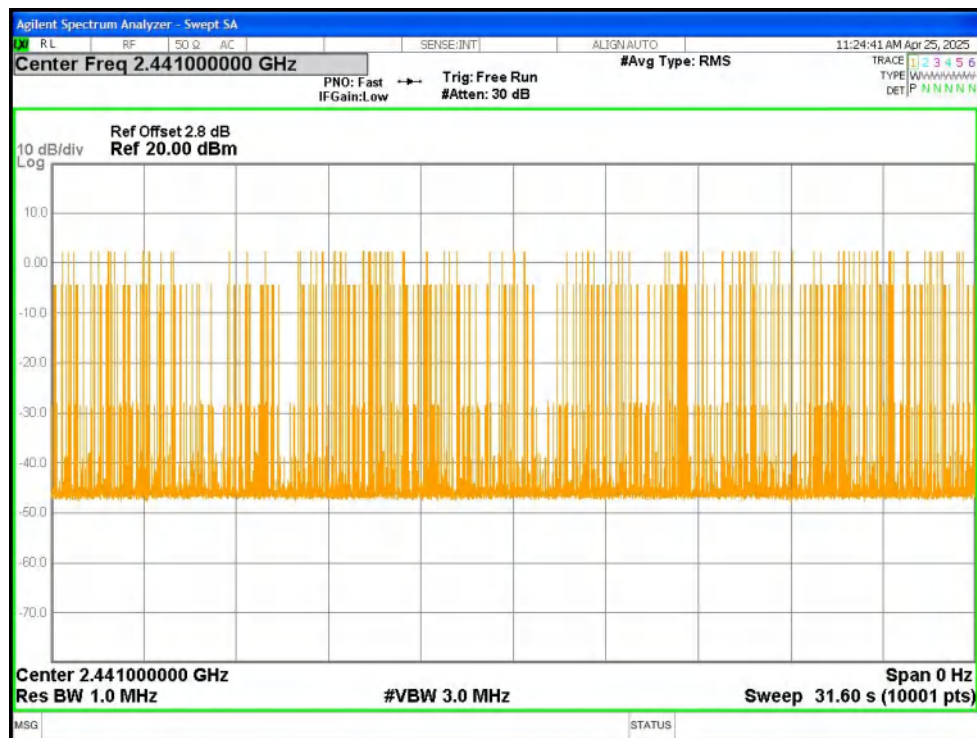
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

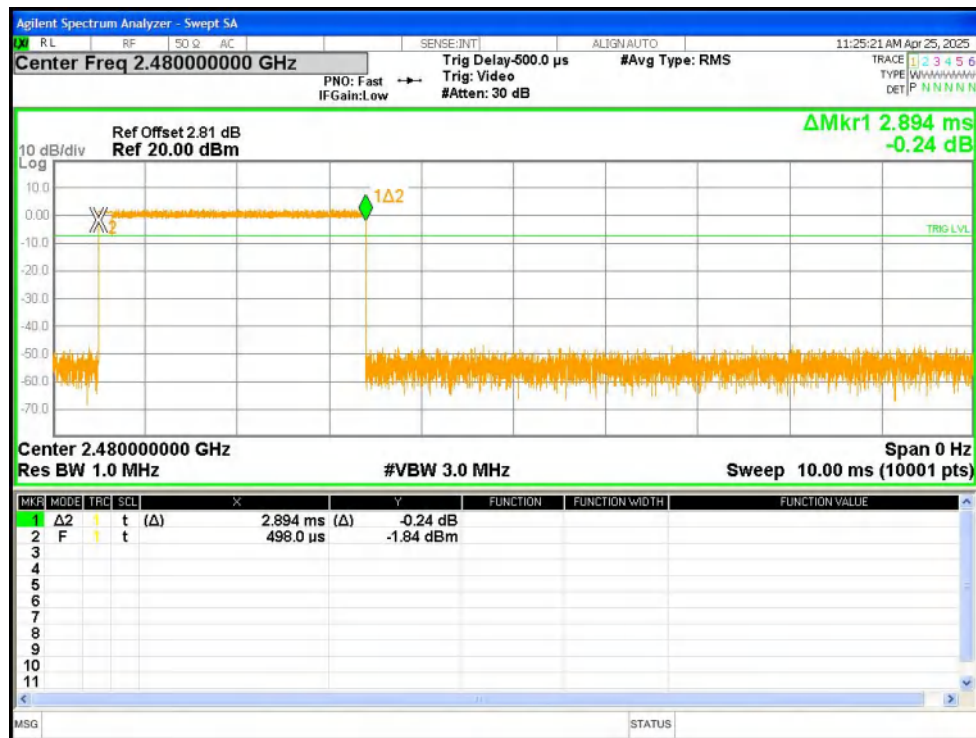


Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

Report



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

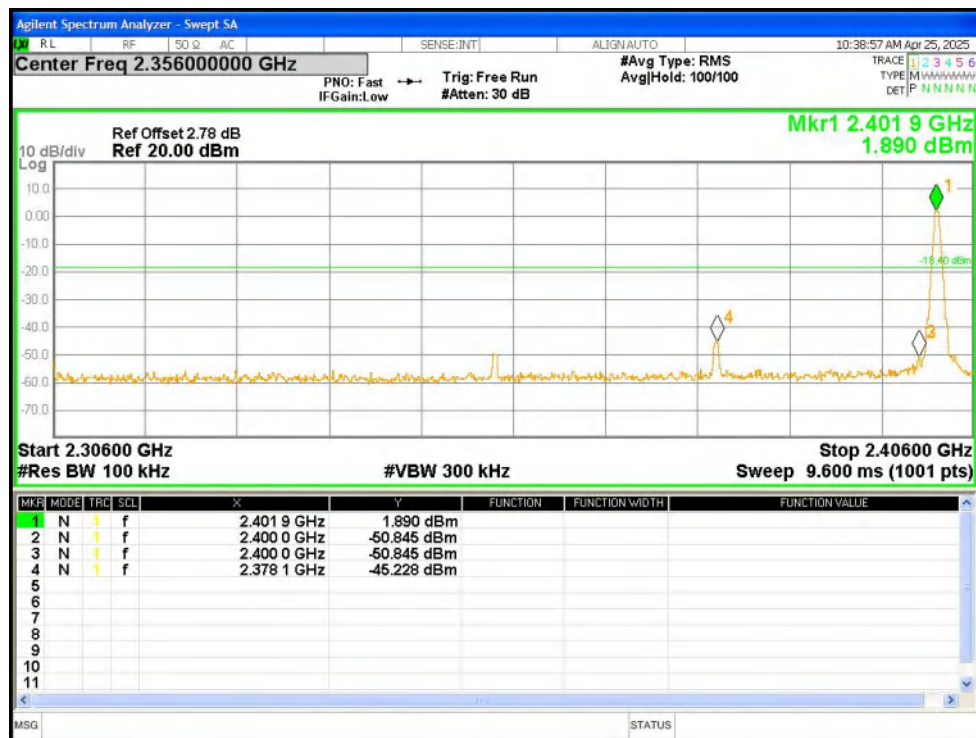
6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-46.82	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.67	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.23	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-55.93	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-48.73	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.69	-20	Pass

Report



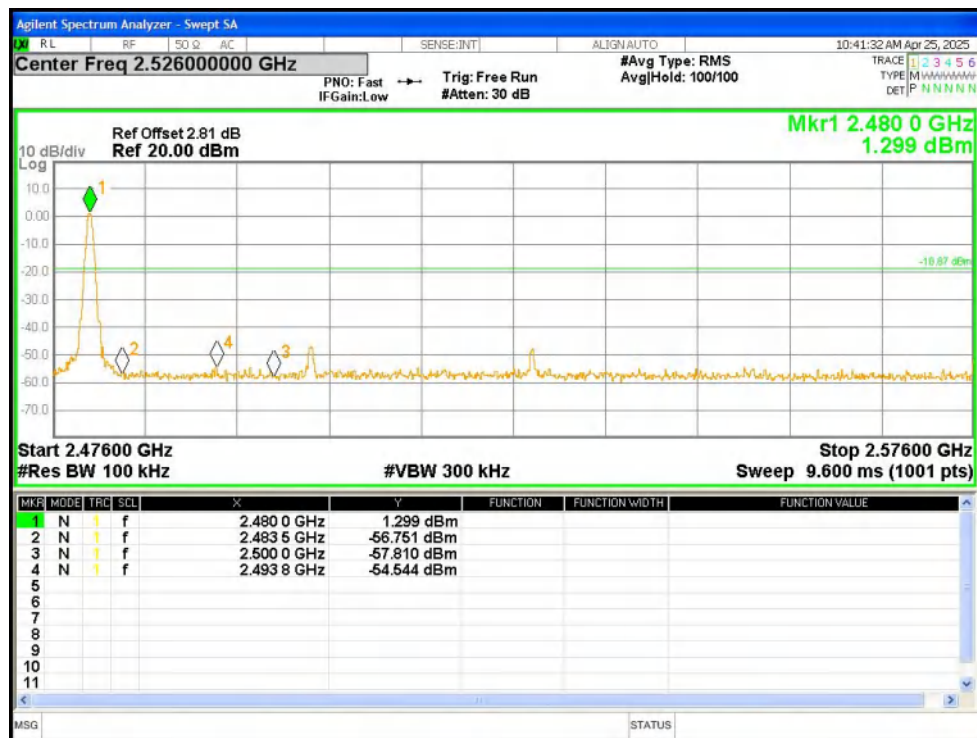
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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

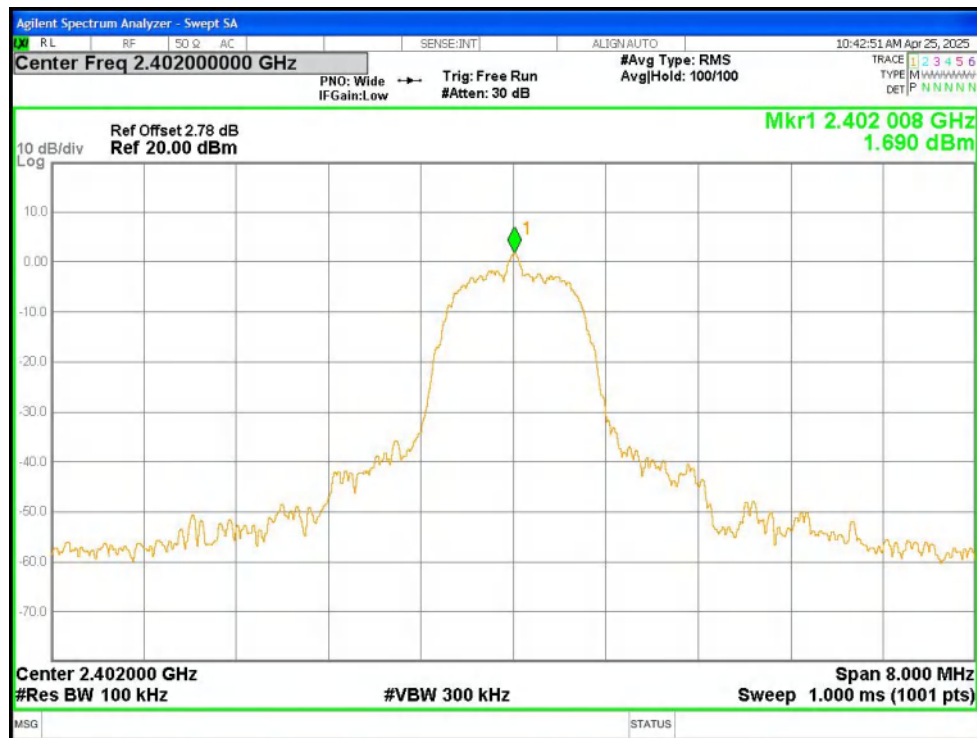


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

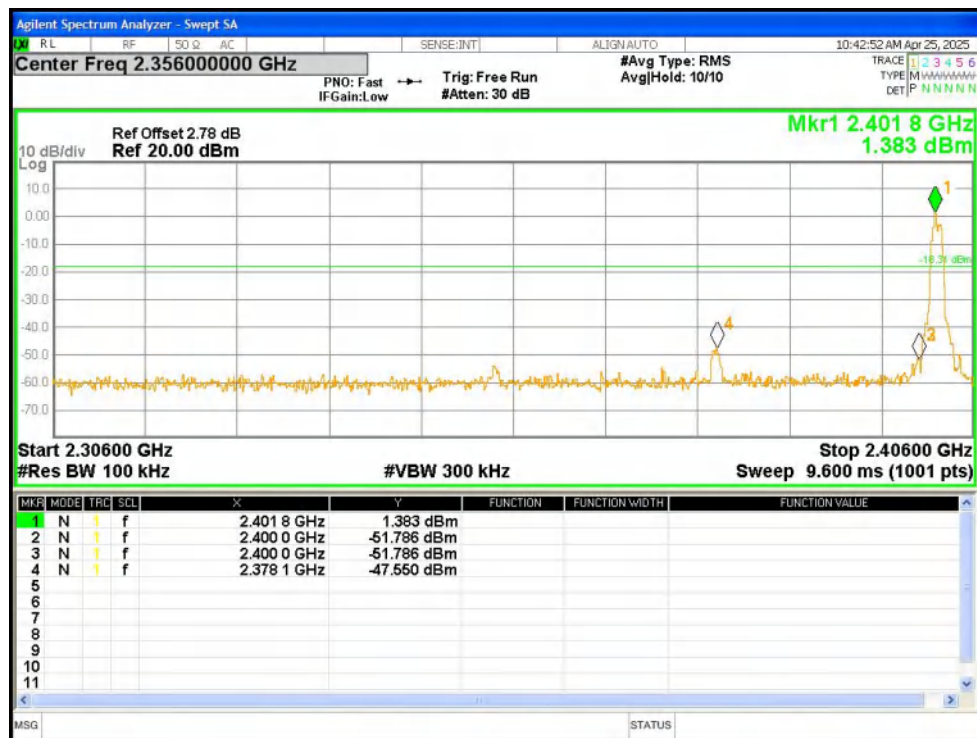


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

Report



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

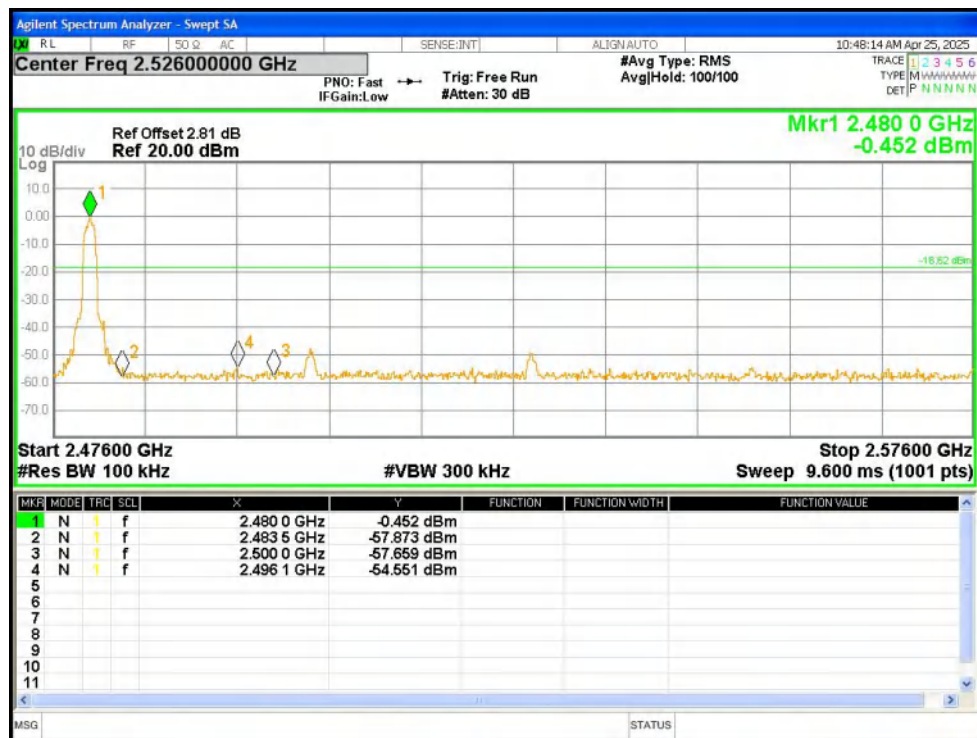


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

Report



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

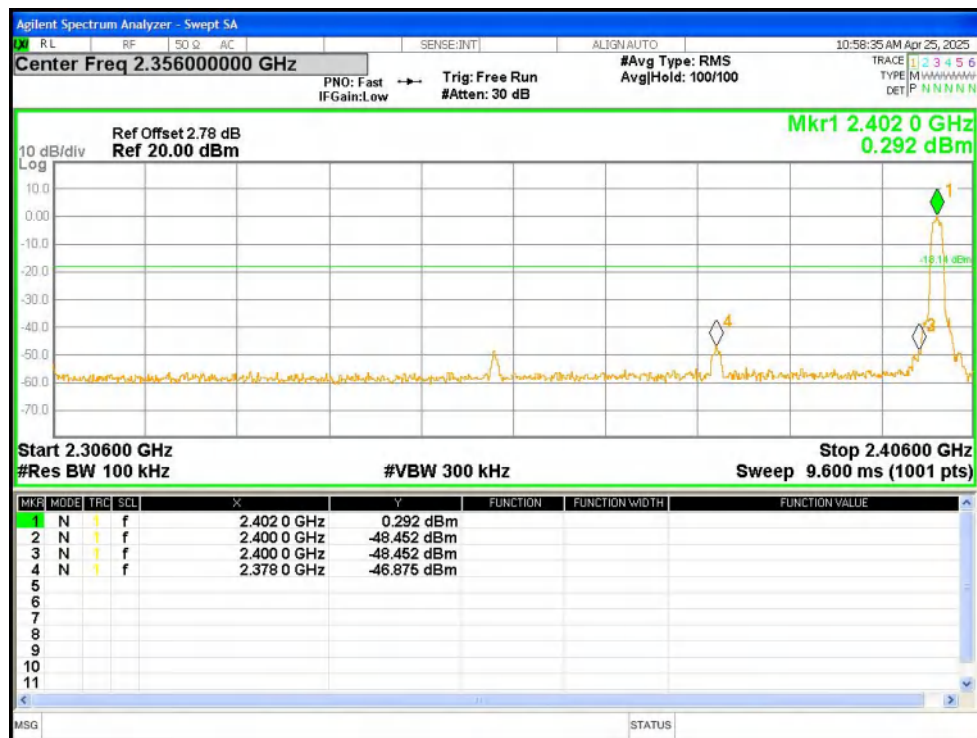


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Report



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

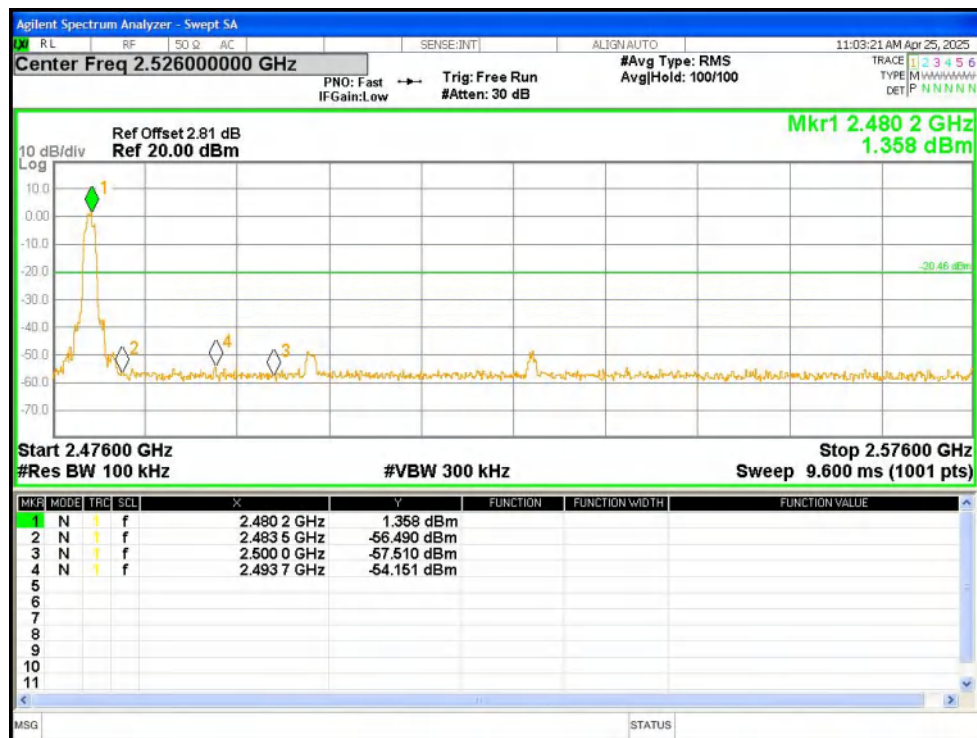


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

Report



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



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

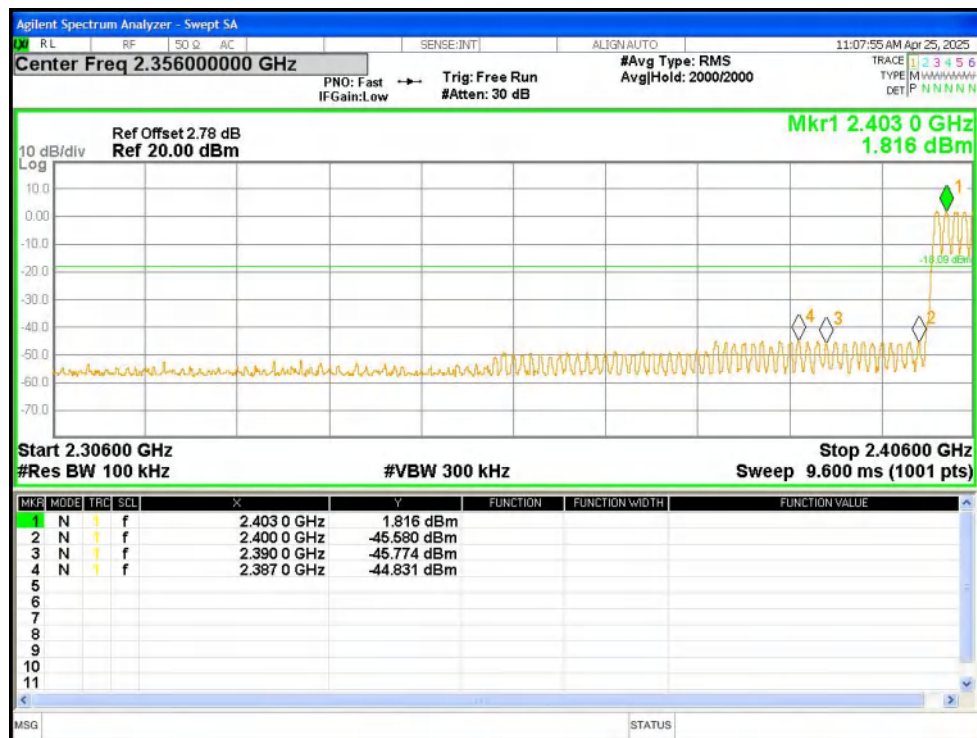
7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-46.74	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.60	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-46.35	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-48.53	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.42	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-48.07	-20	Pass

Report



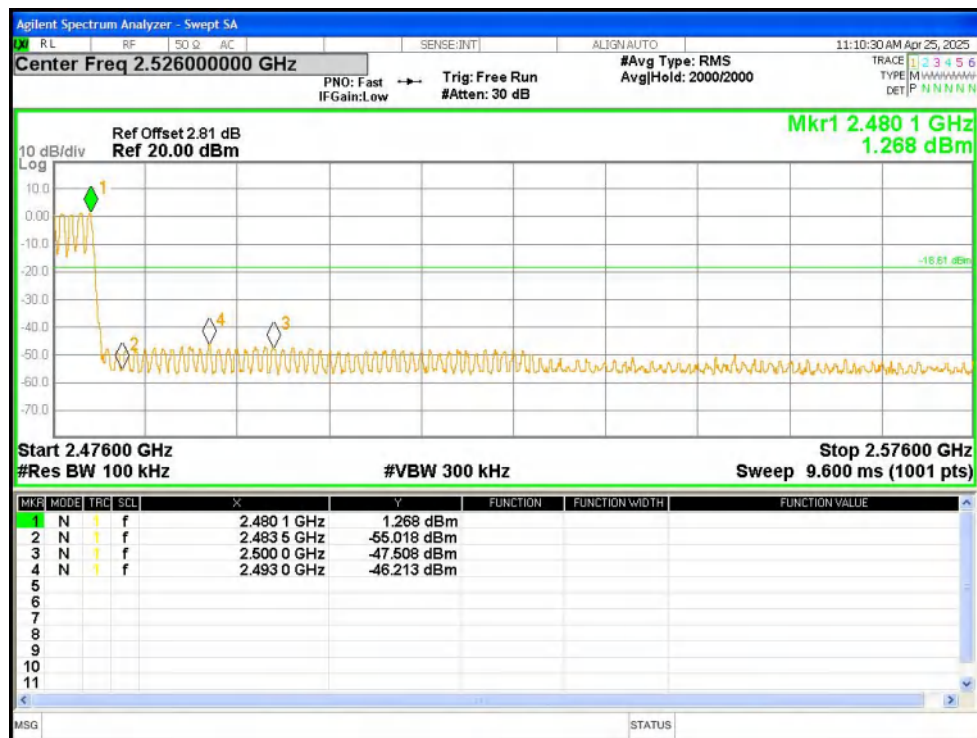
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



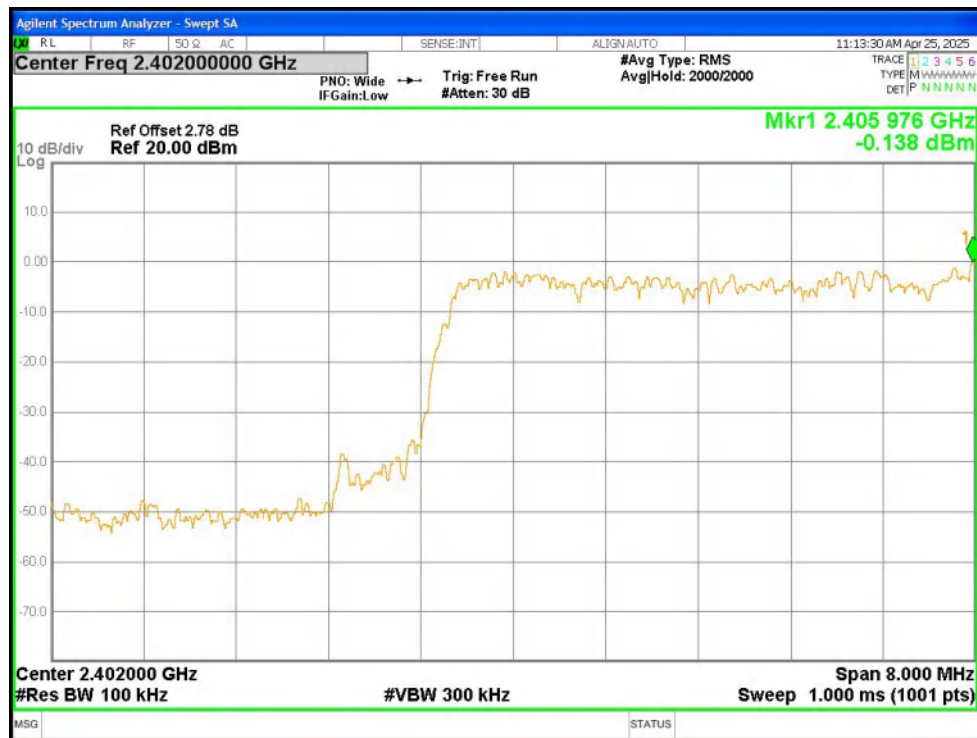
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



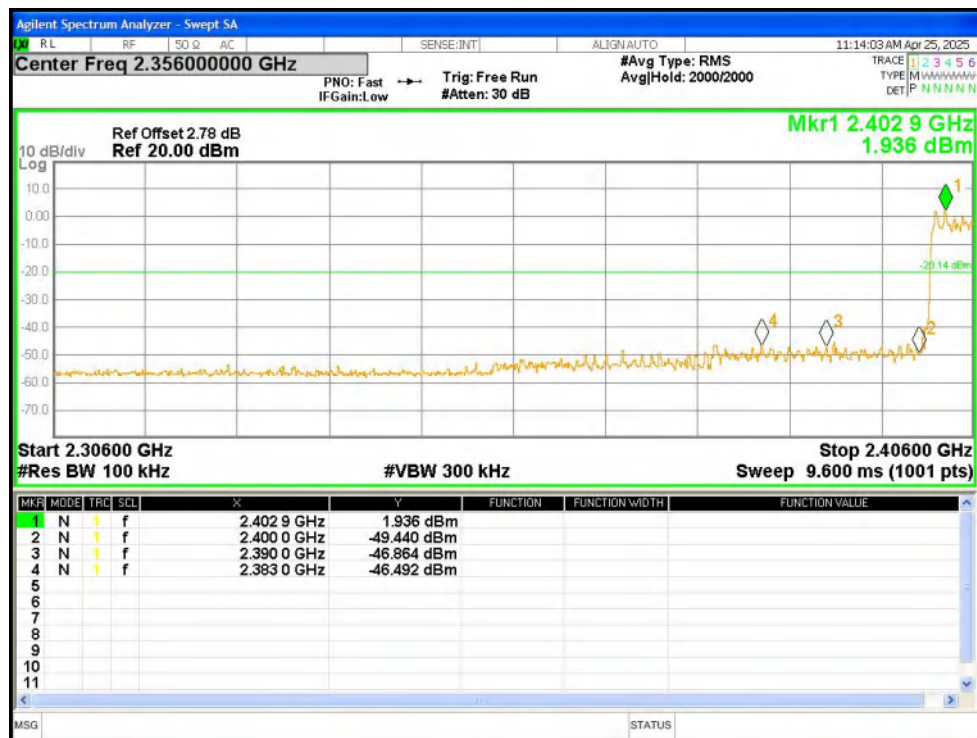
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



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



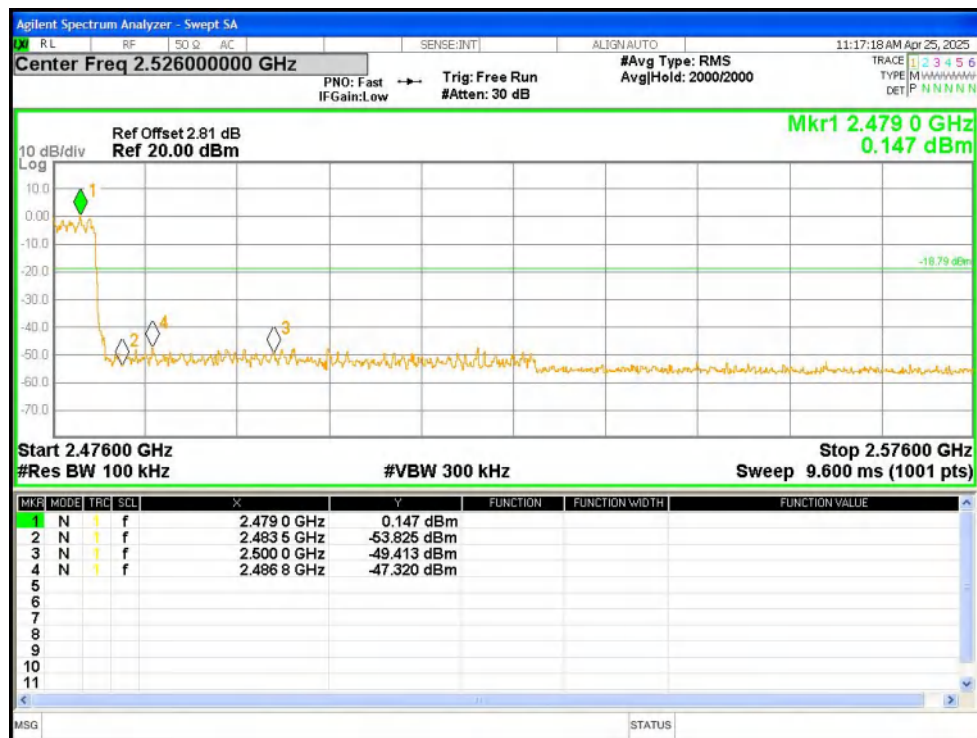
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



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



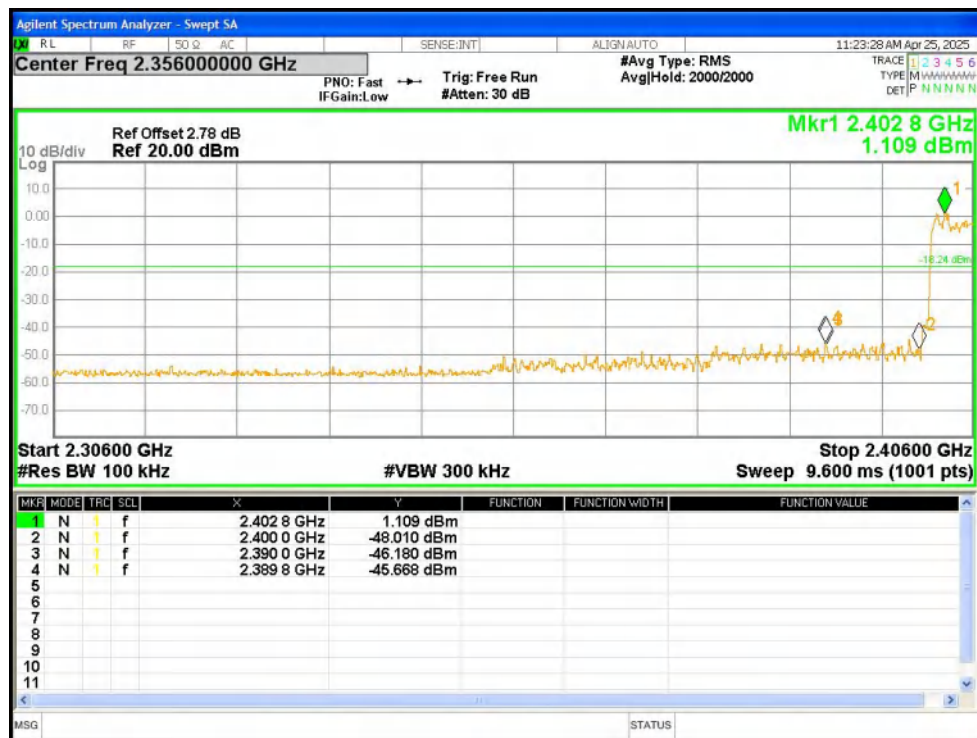
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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



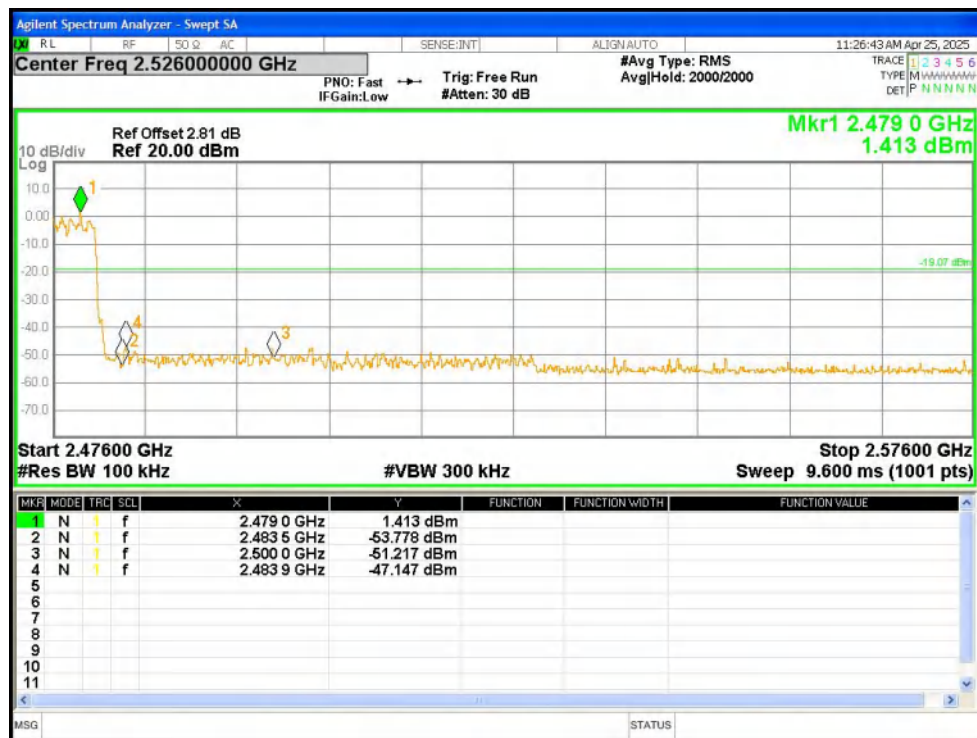
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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



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



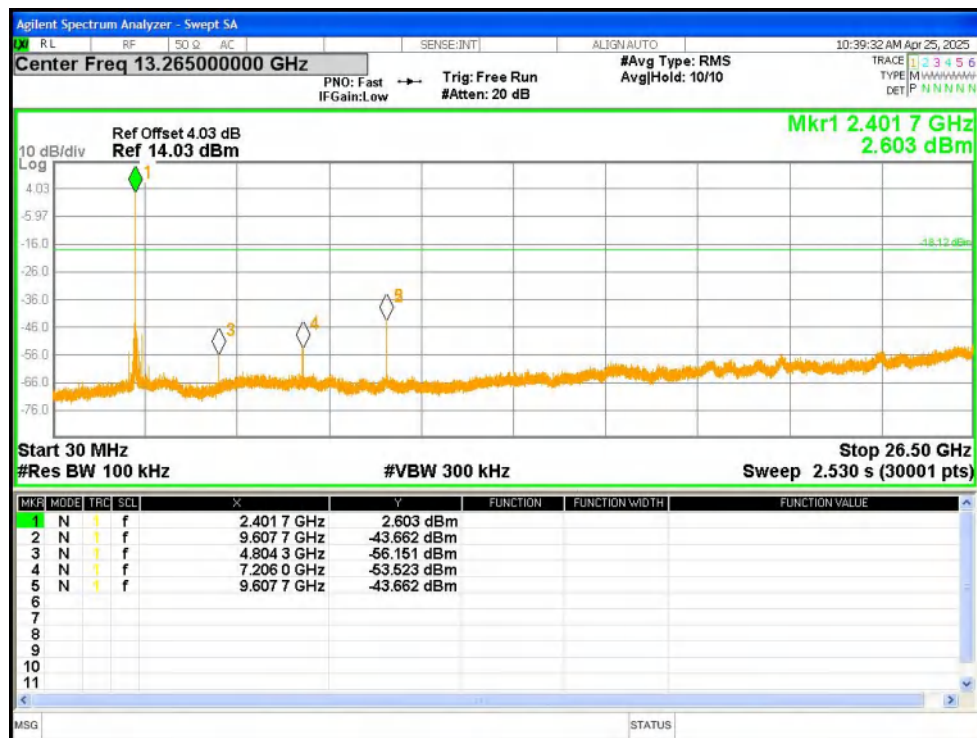
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-45.54	-20	Pass
NVNT	1-DH5	2441	Ant1	-43.12	-20	Pass
NVNT	1-DH5	2480	Ant1	-44.01	-20	Pass
NVNT	2-DH5	2402	Ant1	-45.38	-20	Pass
NVNT	2-DH5	2441	Ant1	-43.51	-20	Pass
NVNT	2-DH5	2480	Ant1	-43.23	-20	Pass
NVNT	3-DH5	2402	Ant1	-45.52	-20	Pass
NVNT	3-DH5	2441	Ant1	-43.02	-20	Pass
NVNT	3-DH5	2480	Ant1	-42.92	-20	Pass



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

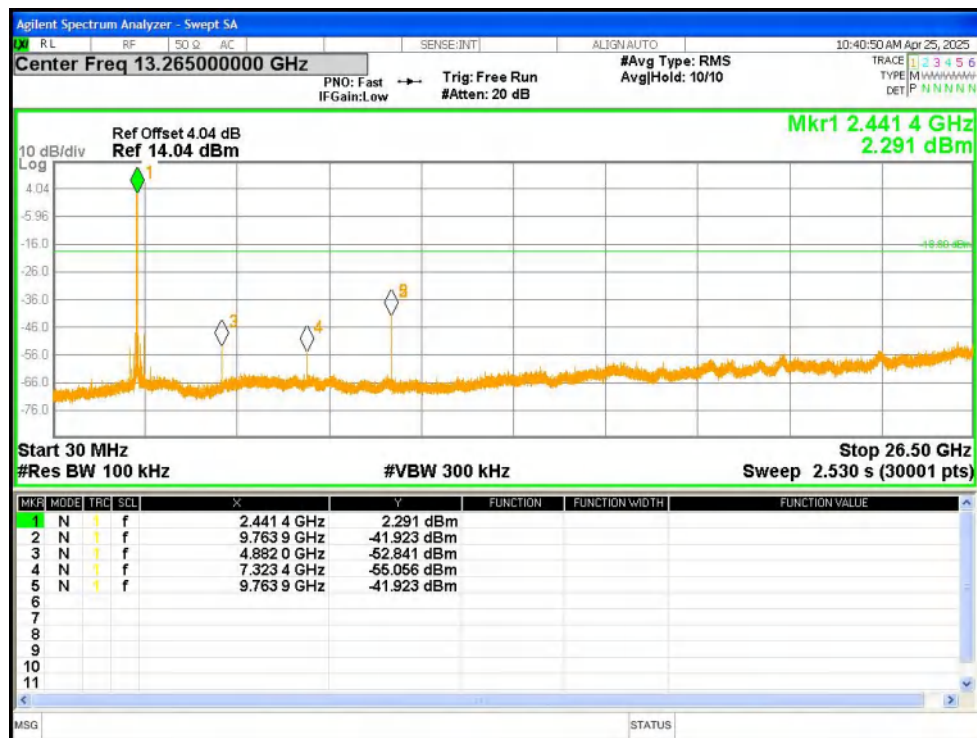


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

Report



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

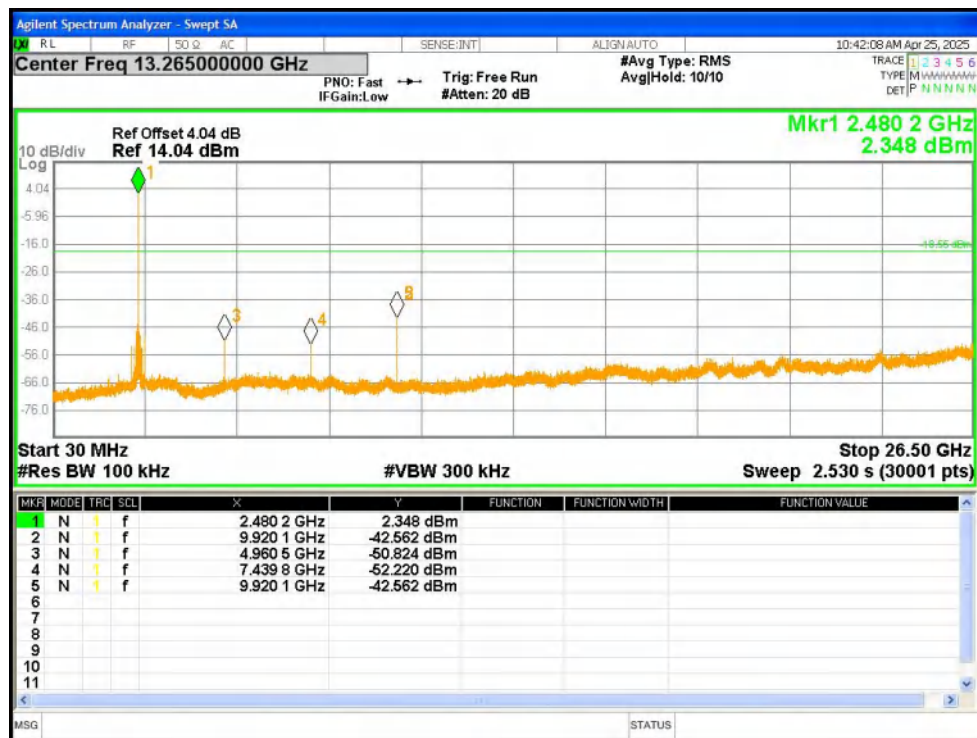


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

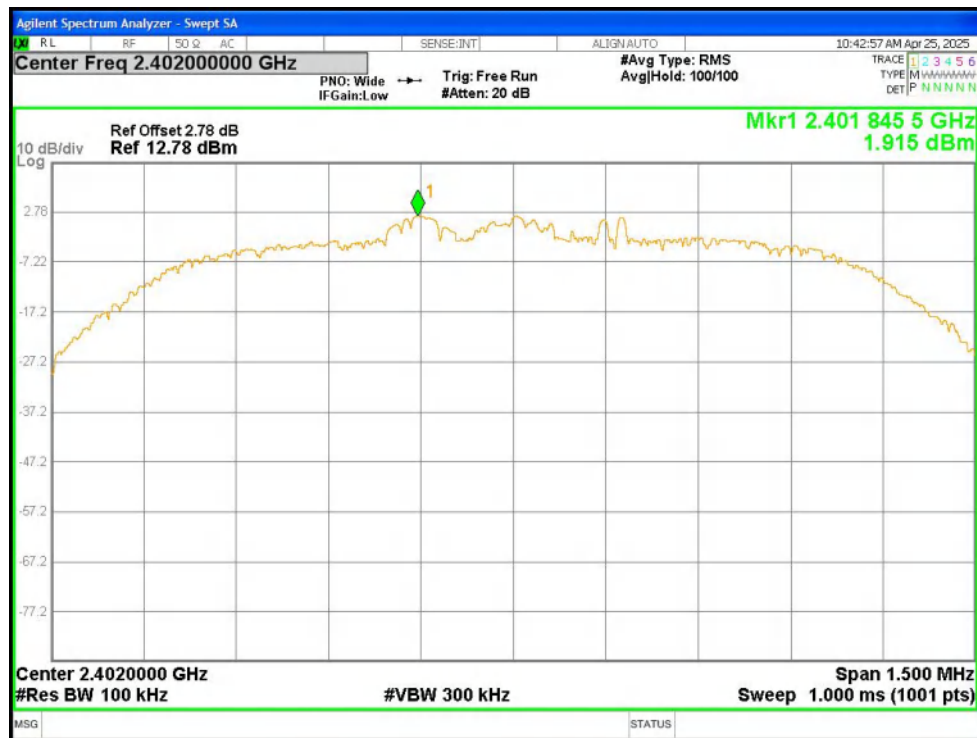
Report



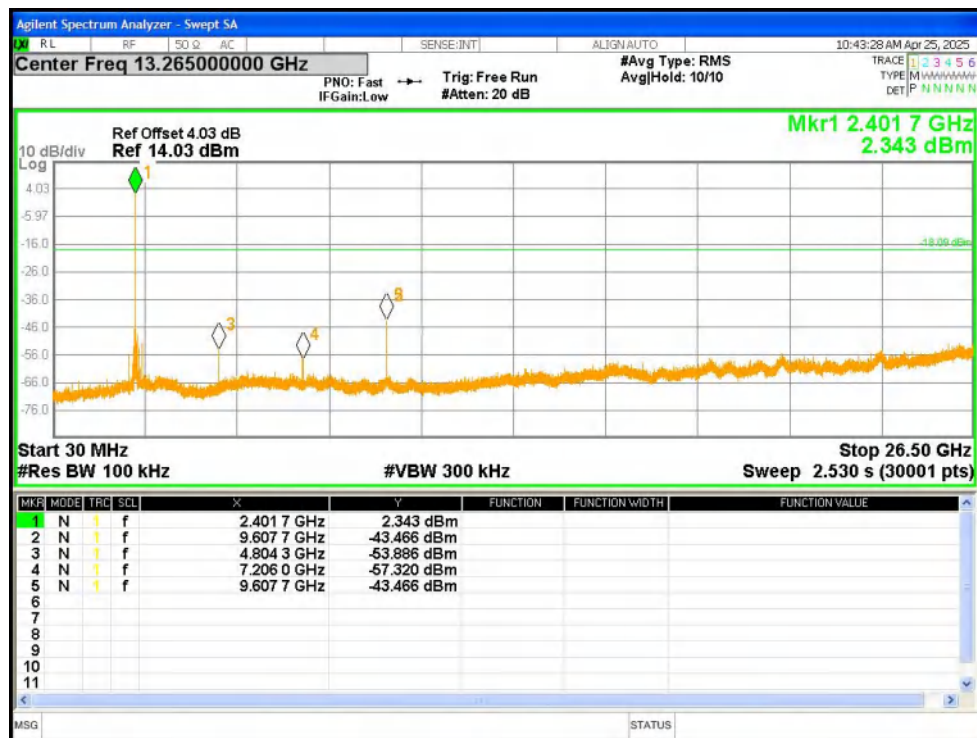
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

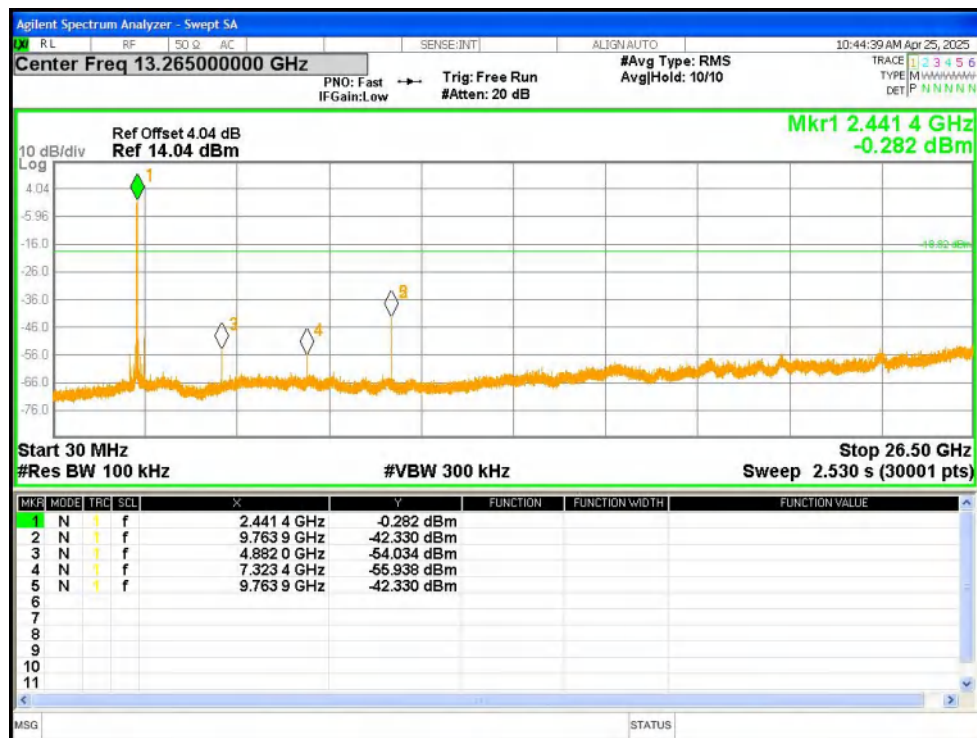


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

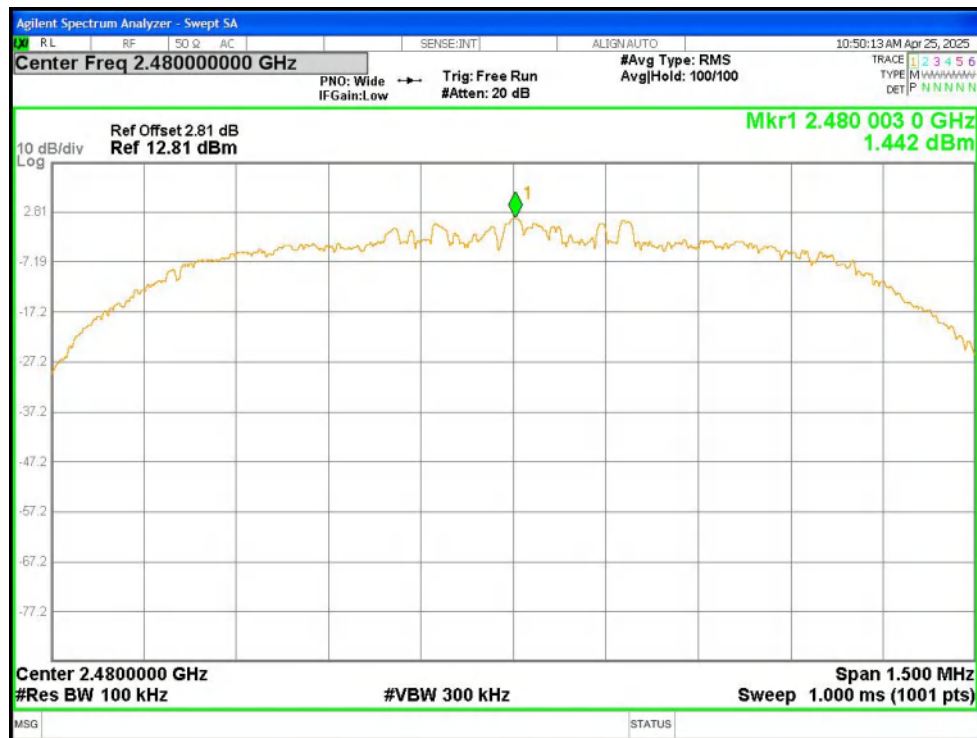
Report



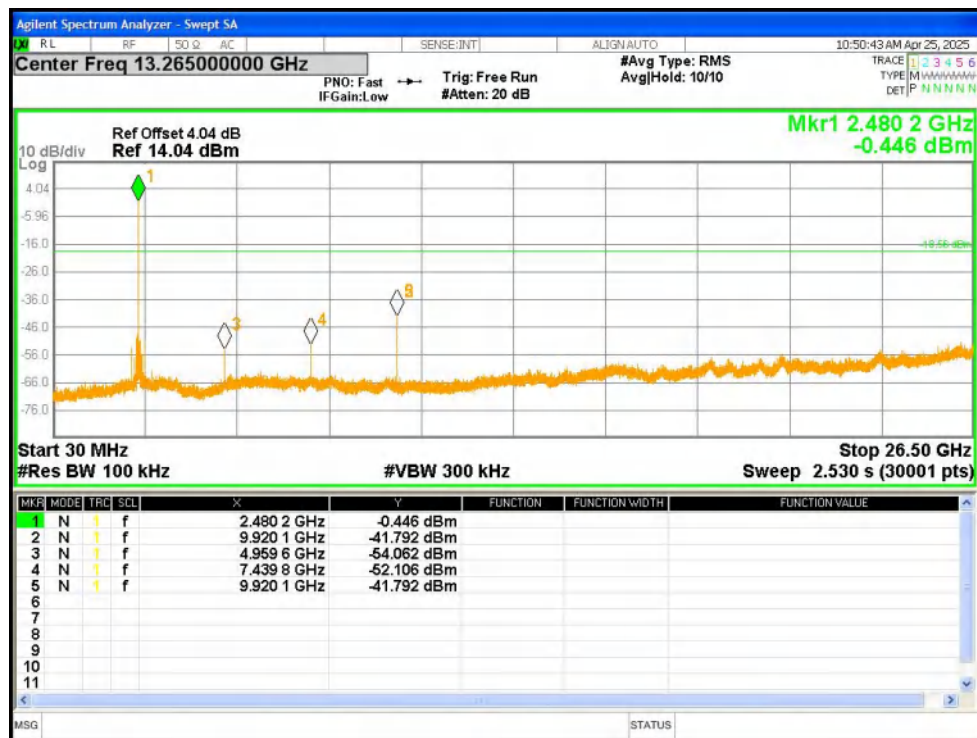
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

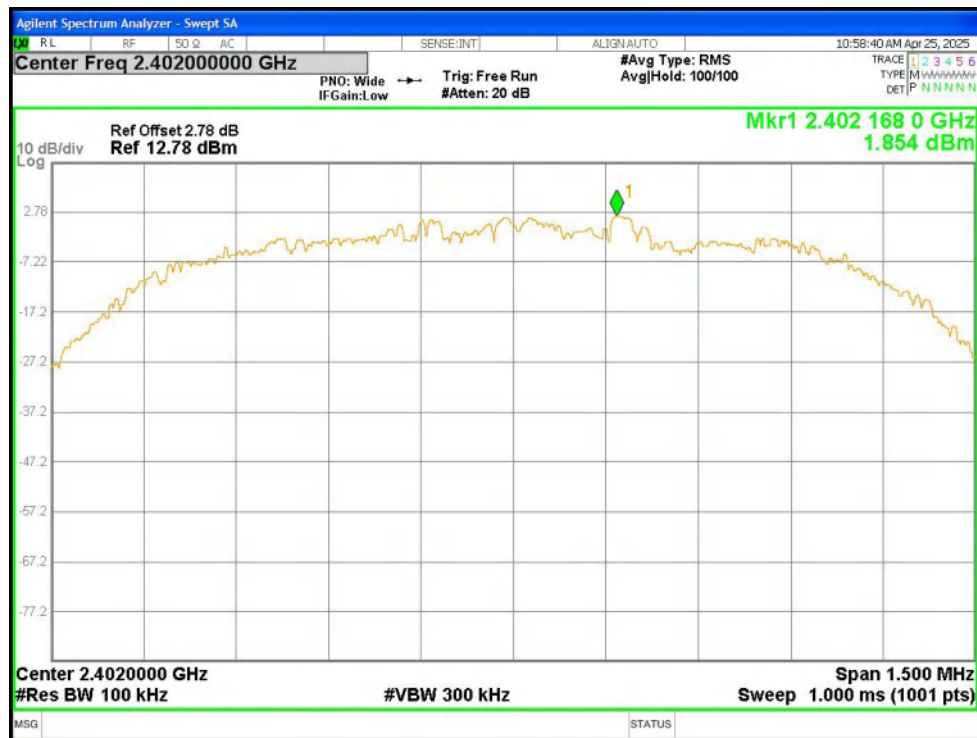


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

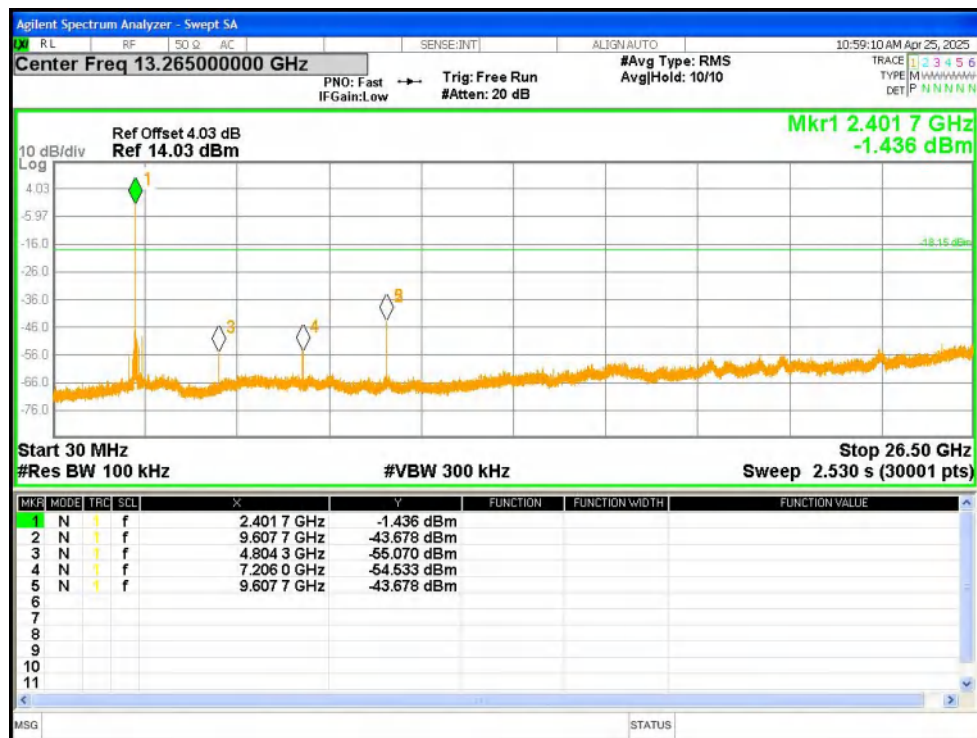


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

Report

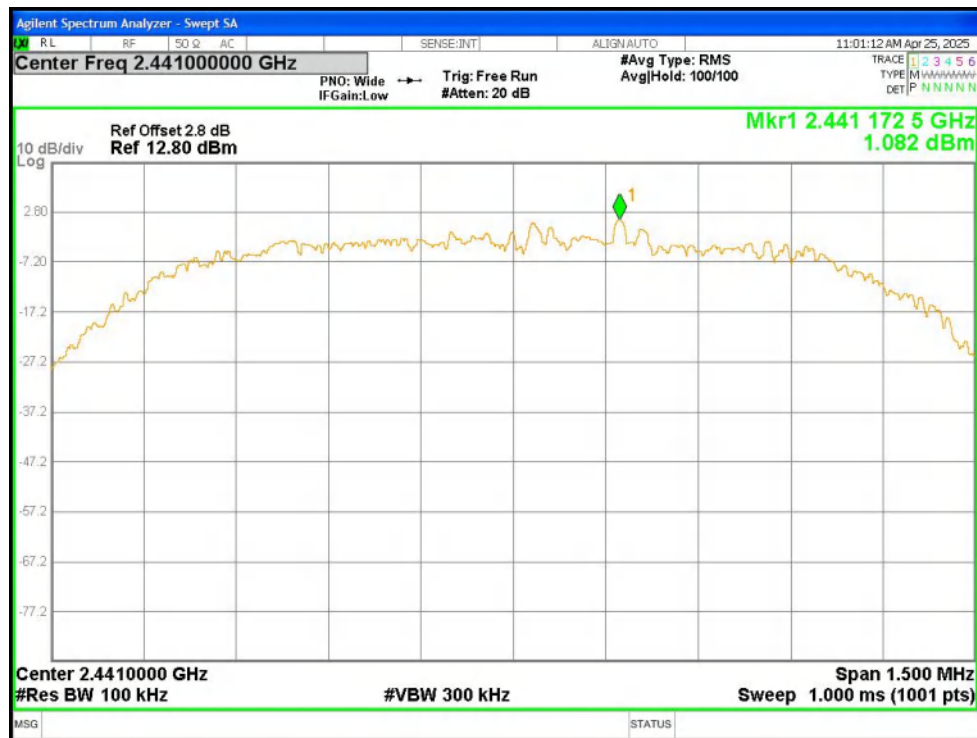


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

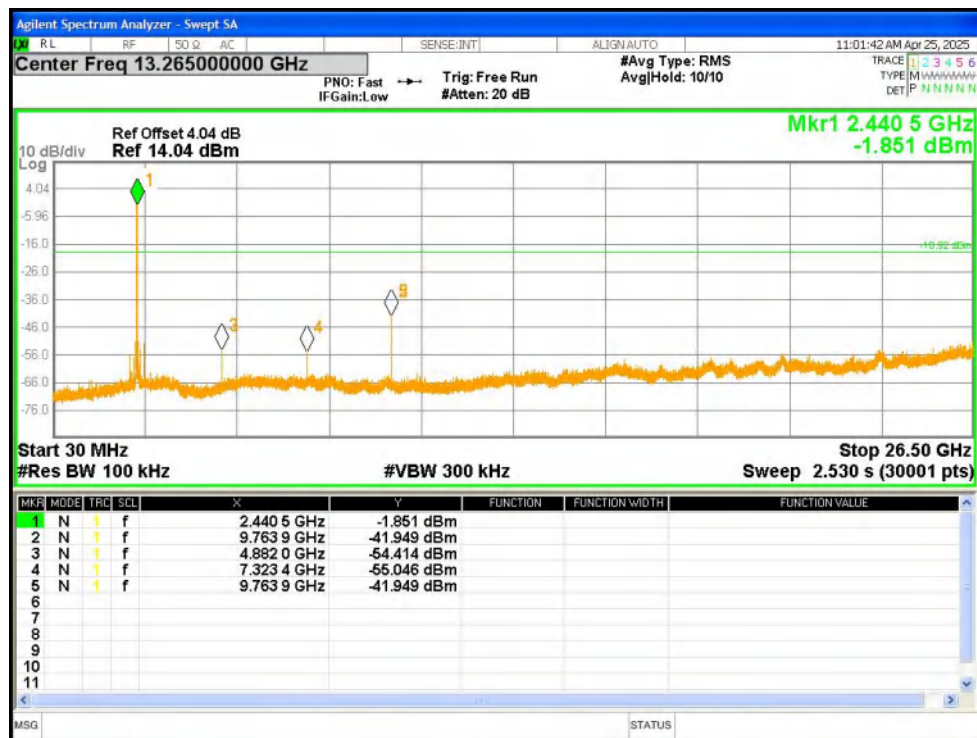


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

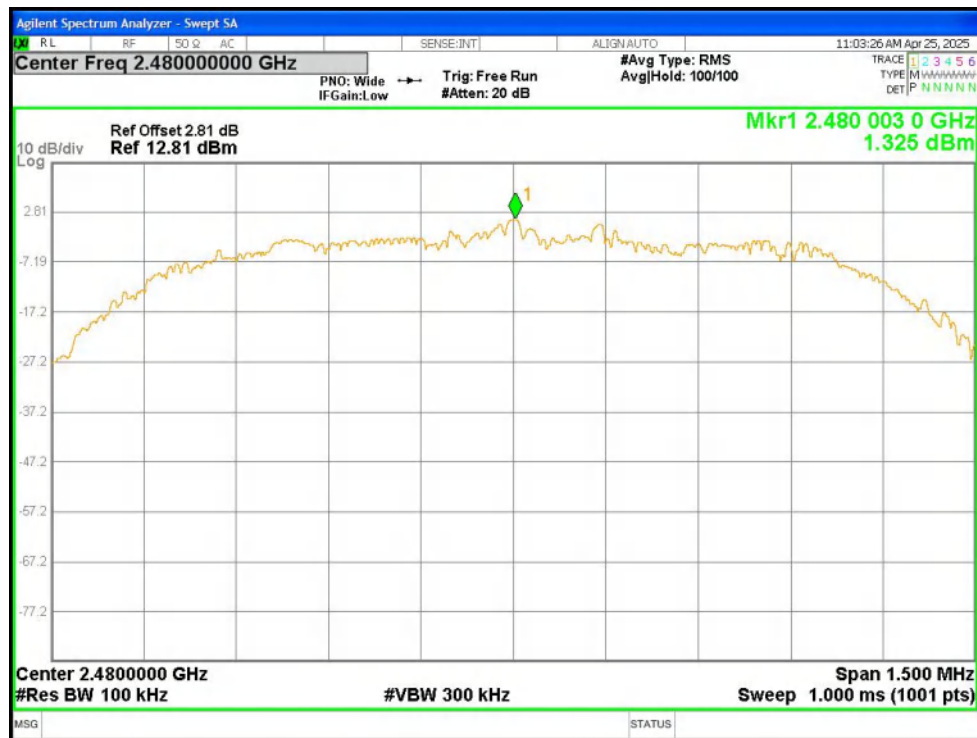
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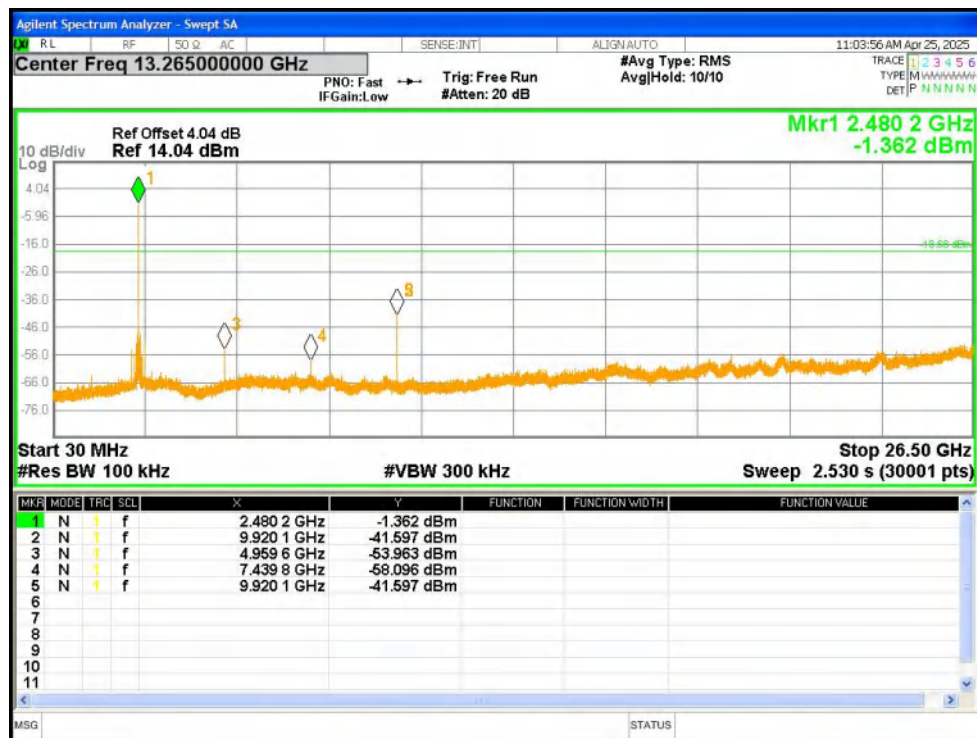
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission