



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: HPPAP26

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu





A.1 -20dB Bandwidth

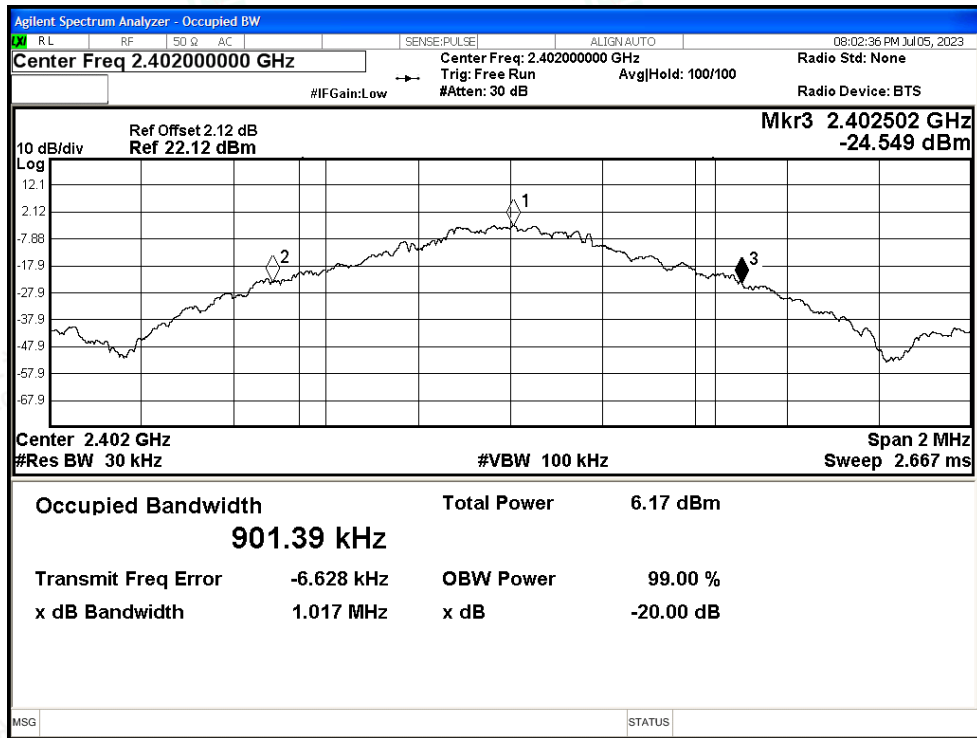
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.017	N/A	Pass
NVNT	1-DH5	2441	Ant1	1.037	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.978	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.268	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.276	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.269	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.311	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.304	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.296	N/A	Pass



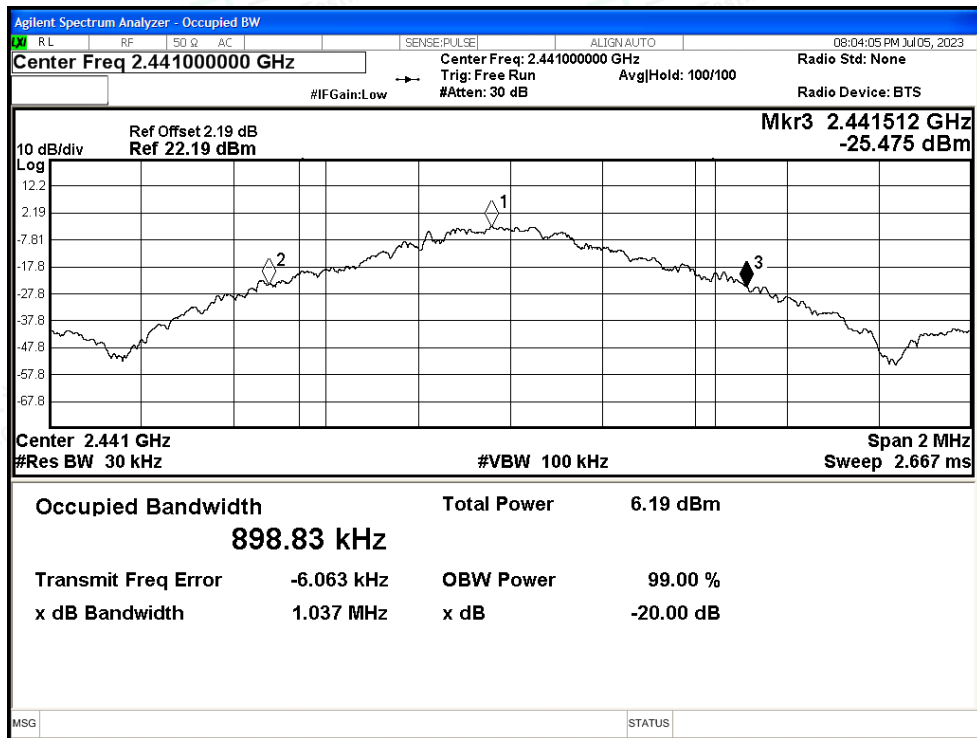


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

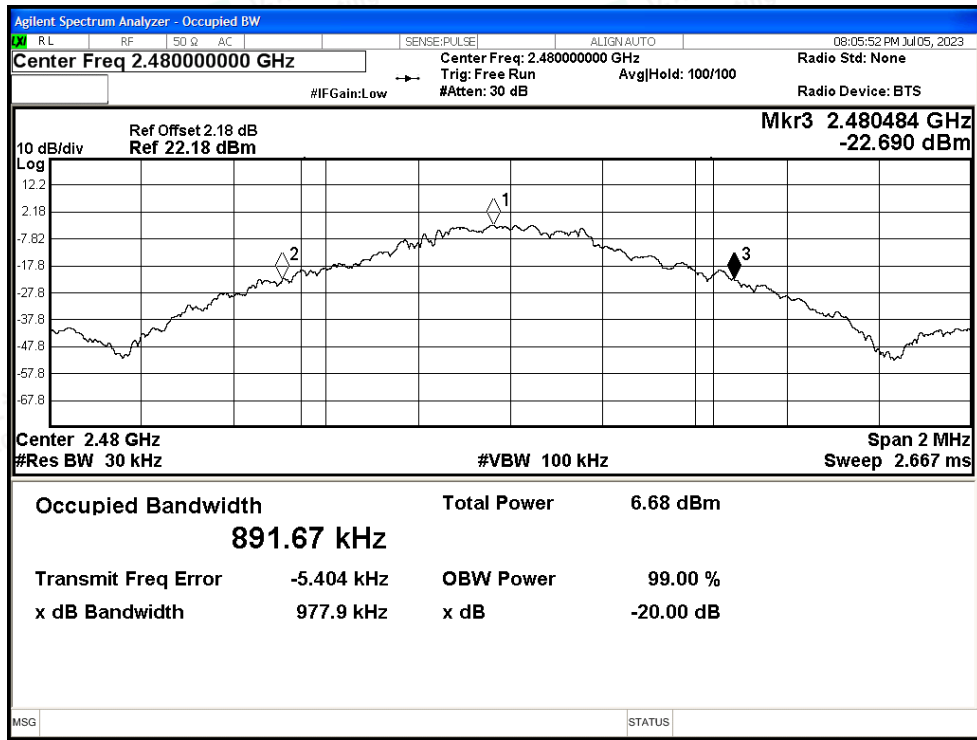


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

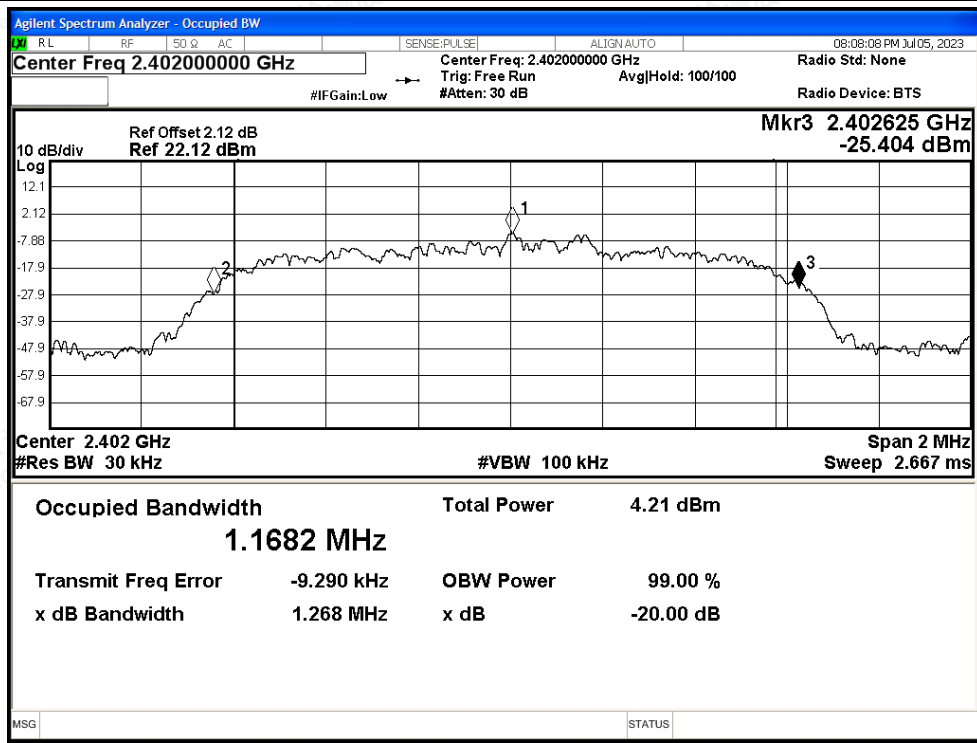




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

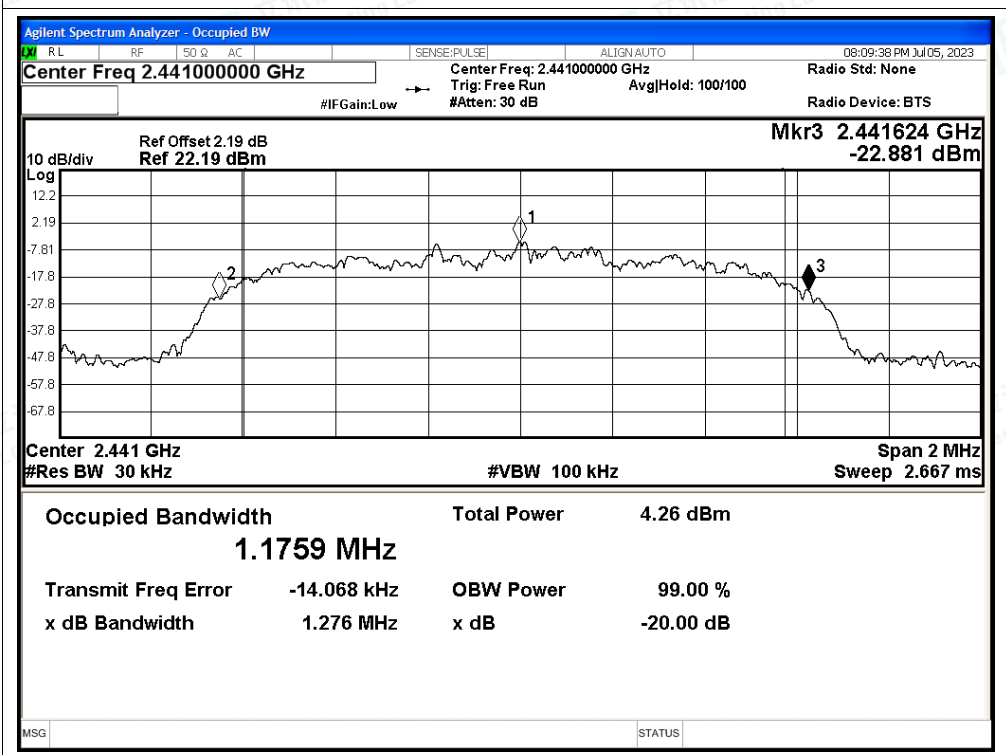


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

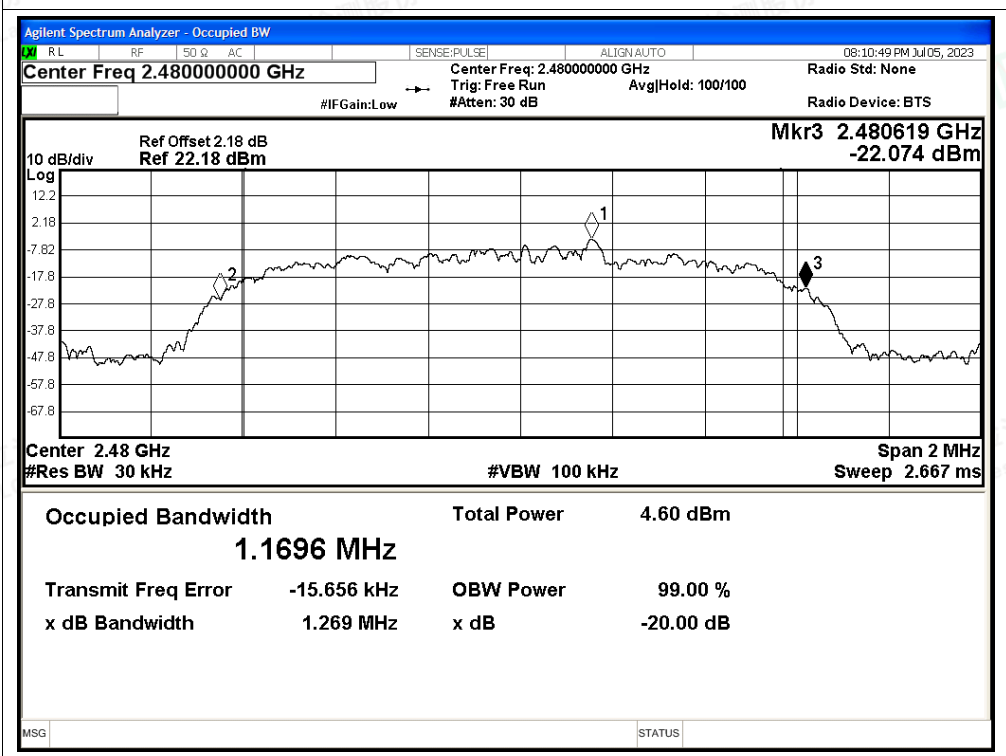




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

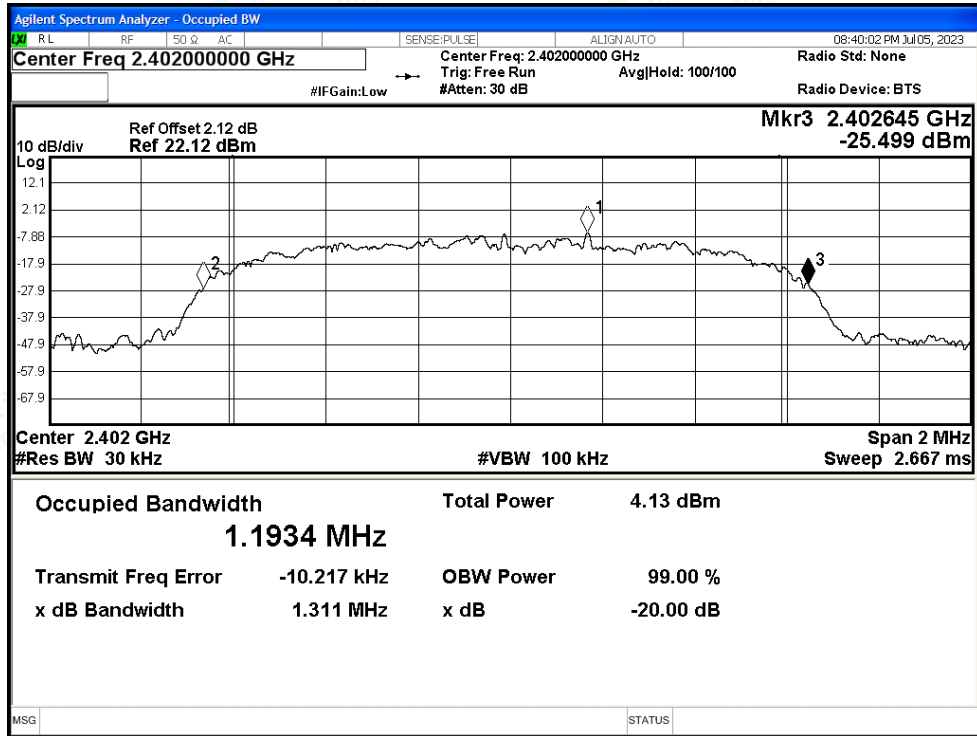


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

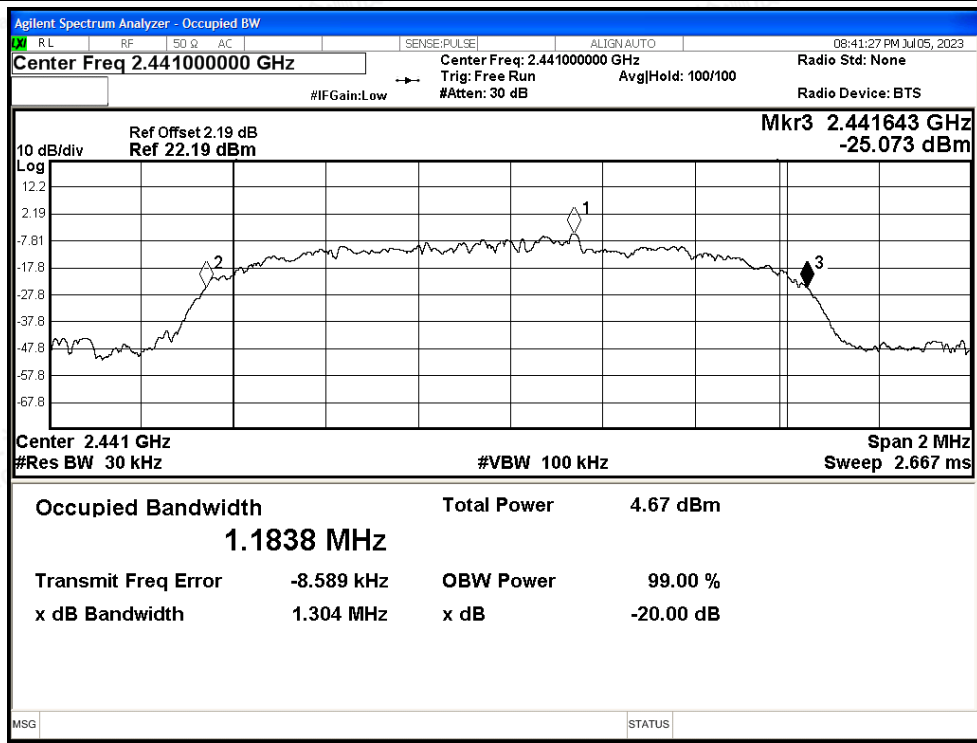


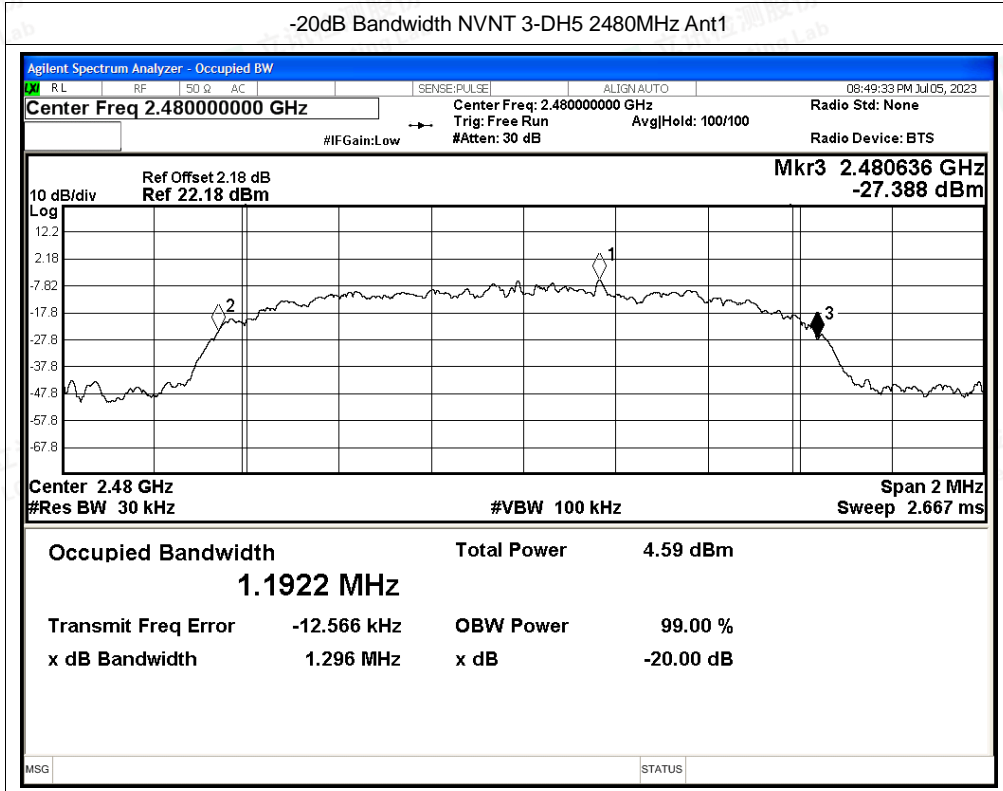


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1







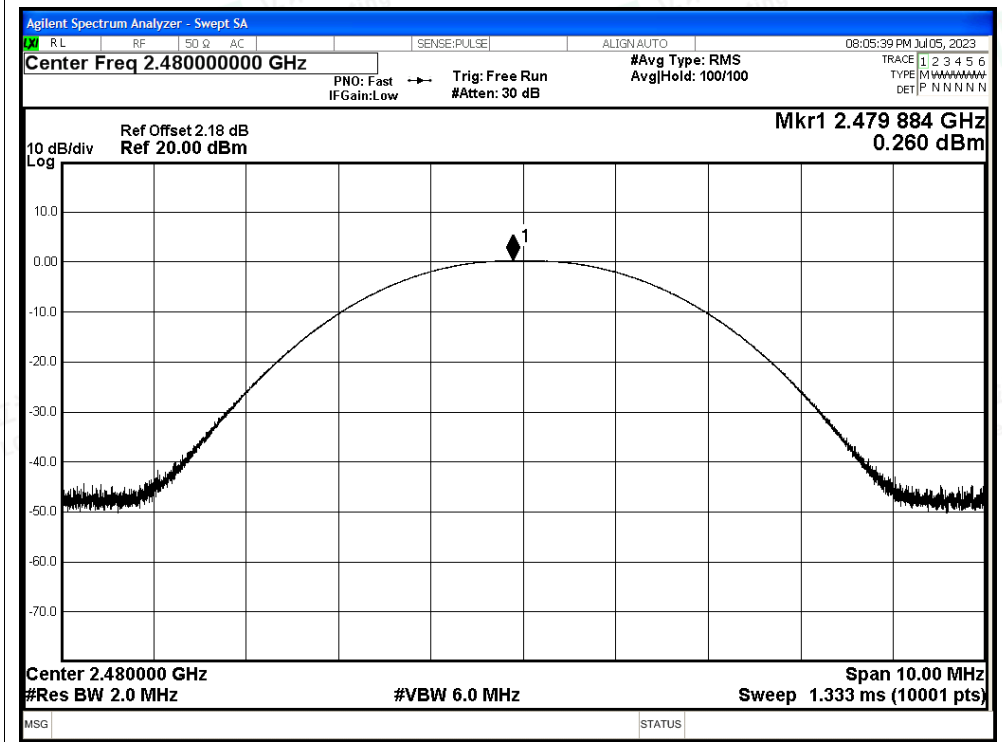
A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.05	21	Pass
NVNT	1-DH5	2441	Ant1	0.20	21	Pass
NVNT	1-DH5	2480	Ant1	0.26	21	Pass
NVNT	2-DH5	2402	Ant1	-0.38	21	Pass
NVNT	2-DH5	2441	Ant1	-0.12	21	Pass
NVNT	2-DH5	2480	Ant1	0.02	21	Pass
NVNT	3-DH5	2402	Ant1	0.25	21	Pass
NVNT	3-DH5	2441	Ant1	0.46	21	Pass
NVNT	3-DH5	2480	Ant1	0.46	21	Pass

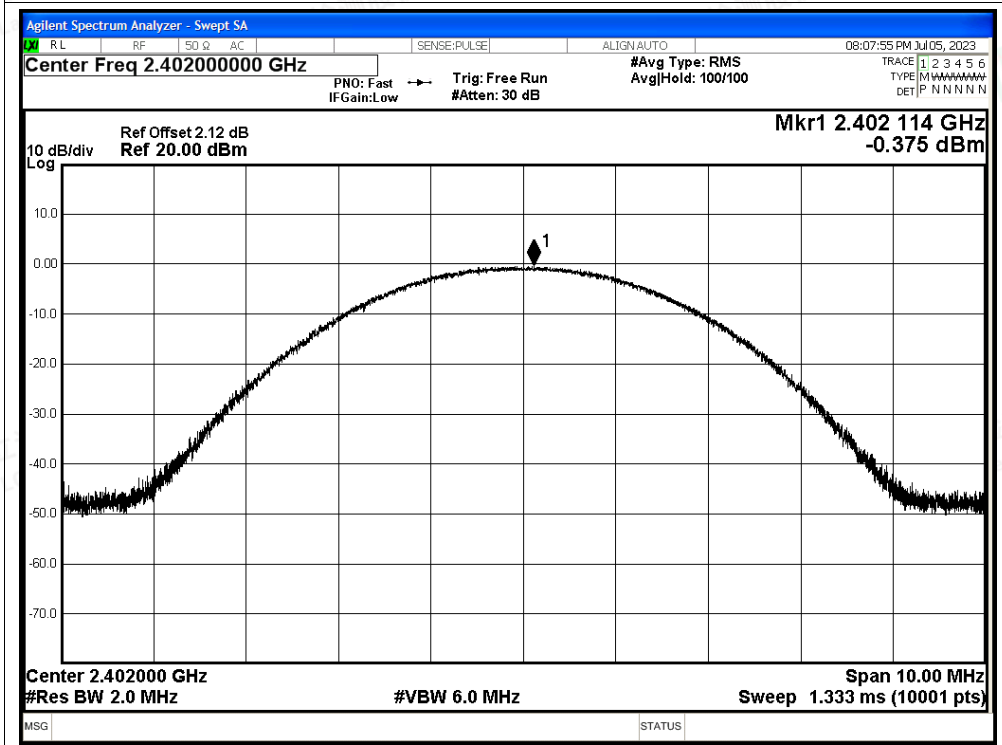




Power NVNT 1-DH5 2480MHz Ant1

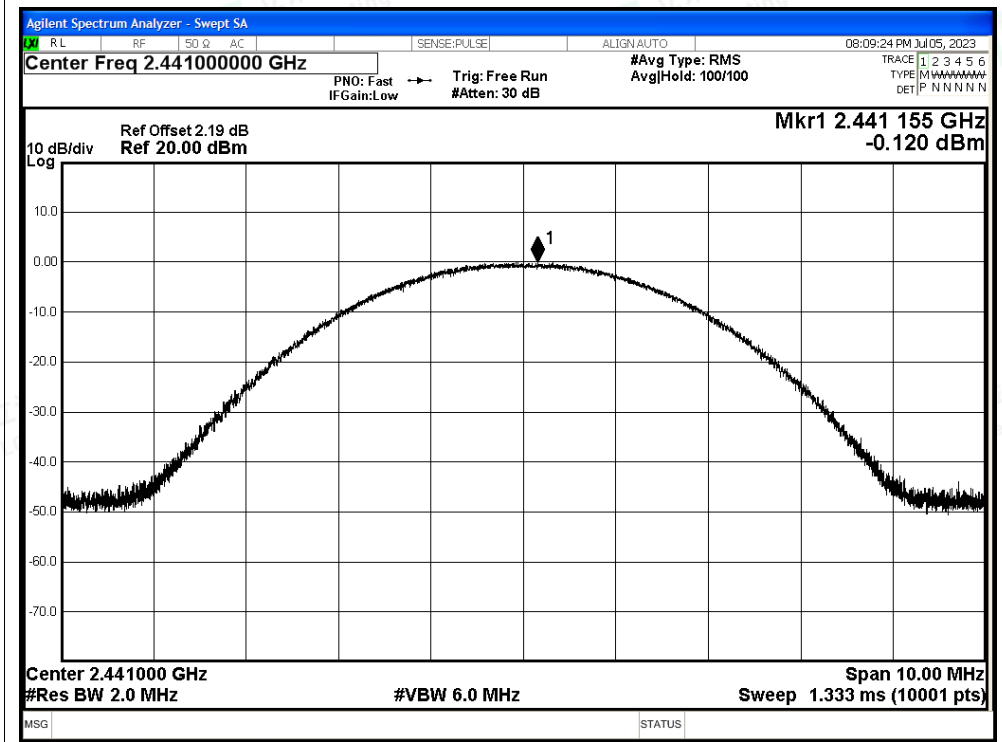


Power NVNT 2-DH5 2402MHz Ant1

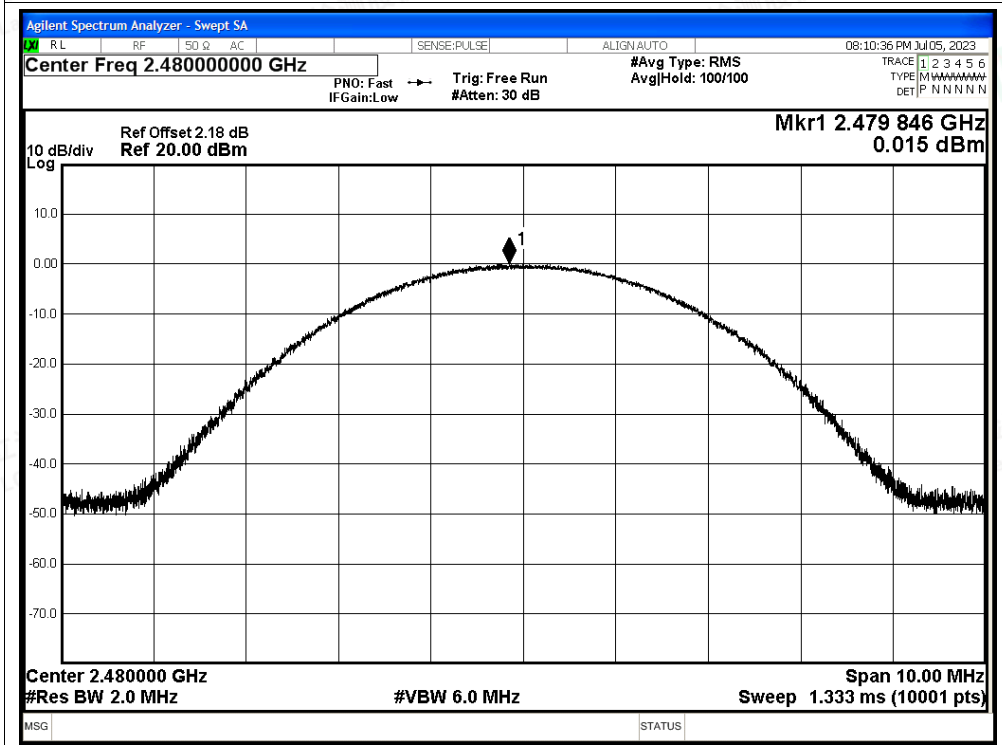




Power NVNT 2-DH5 2441MHz Ant1

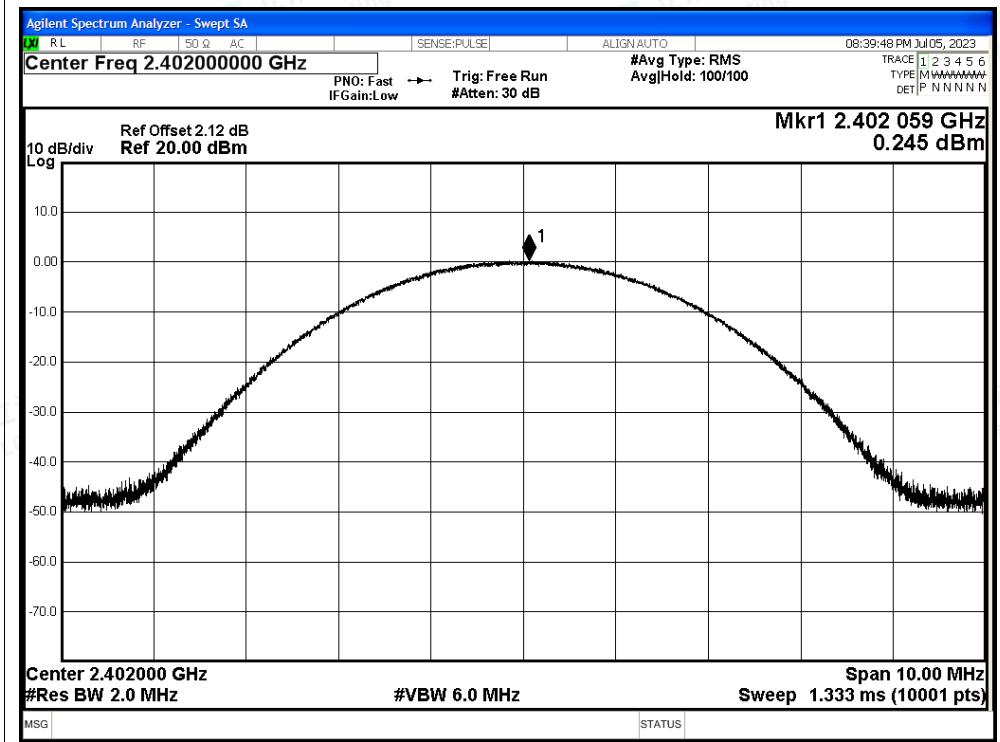


Power NVNT 2-DH5 2480MHz Ant1

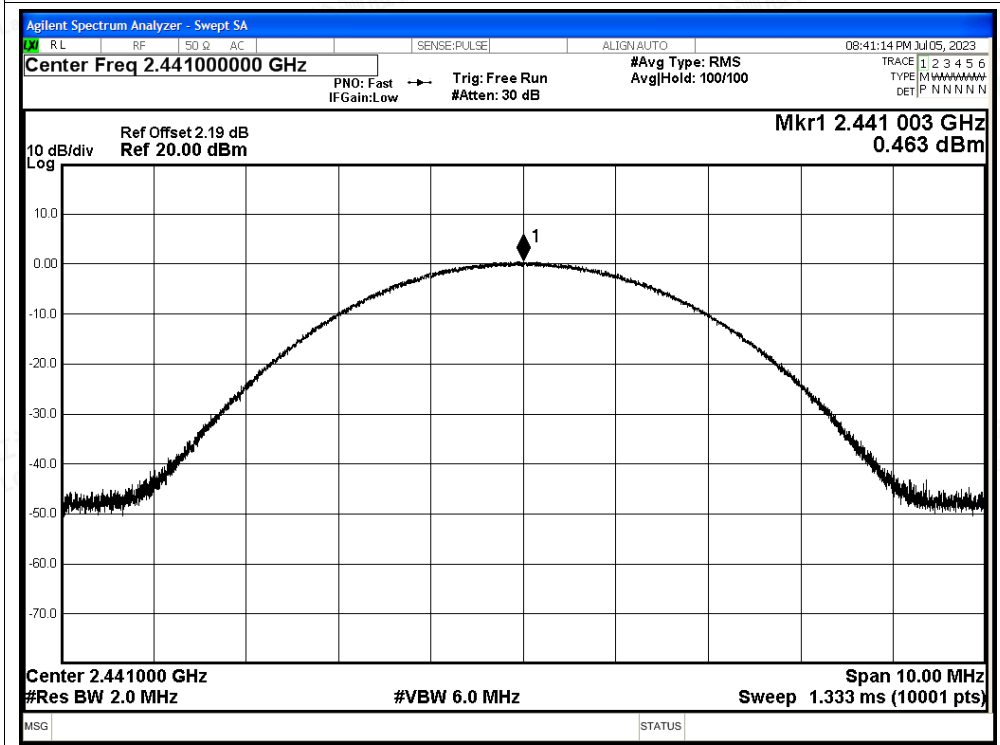


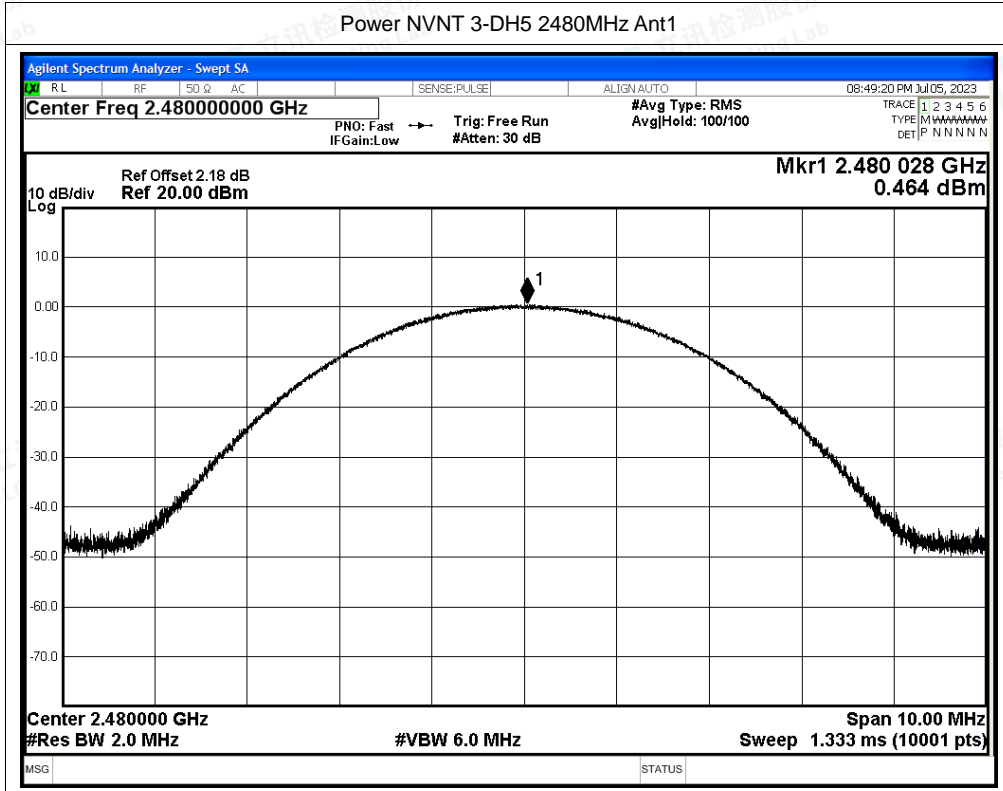


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1







A.3 Carrier Frequencies Separation

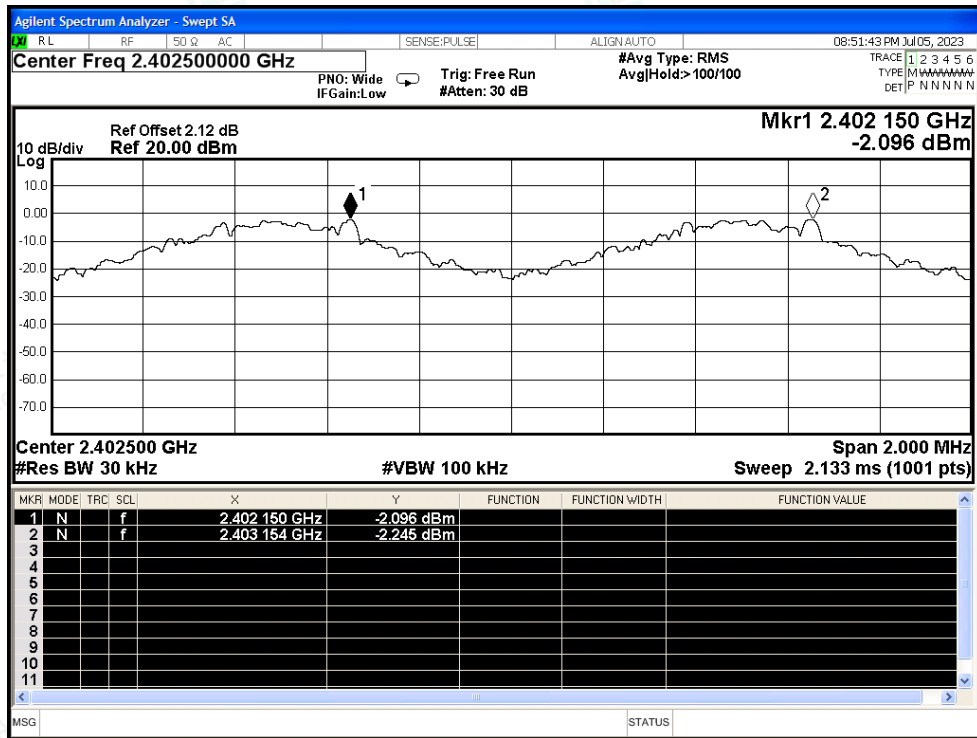
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.15	2403.154	1.004	0.678	Pass
NVNT	2-DH5	Ant1	2402.15	2403.148	0.998	0.845	Pass
NVNT	3-DH5	Ant1	2402.142	2403.146	1.004	0.874	Pass



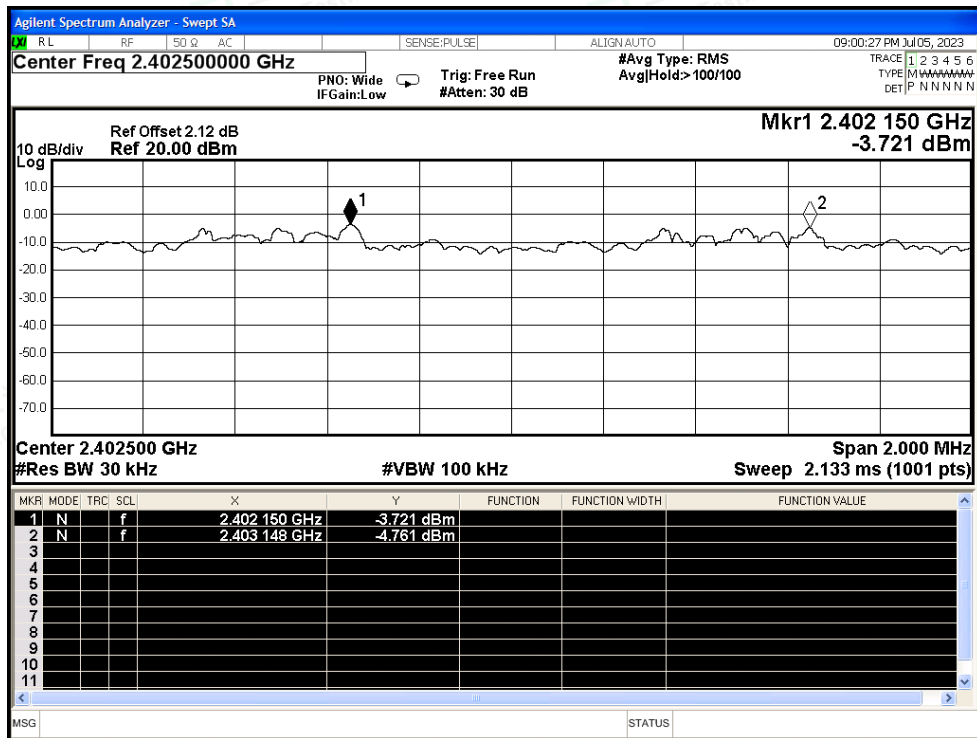


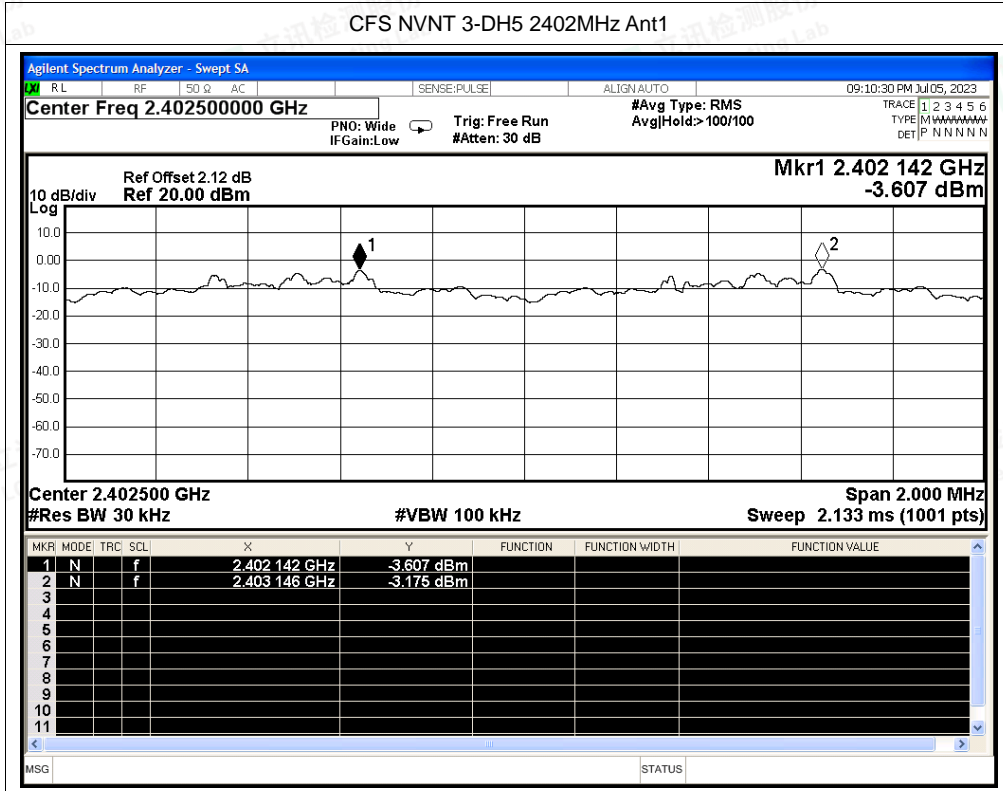
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1







A.4 Dwell Time

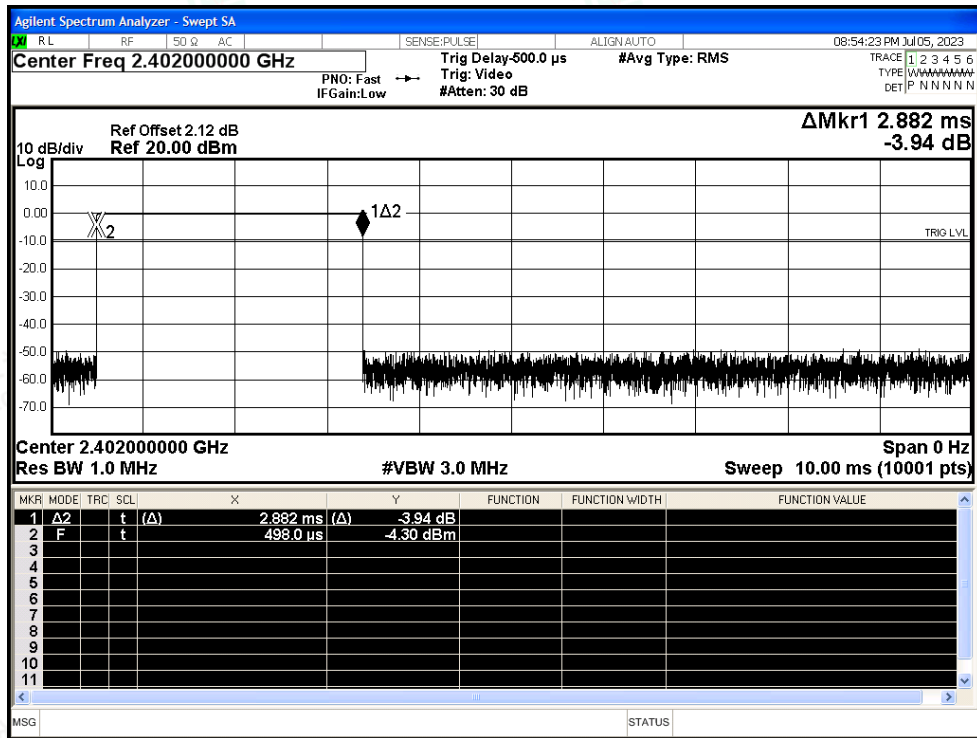
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	305.492	106	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	311.58	108	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	297.361	103	31600	400	Pass



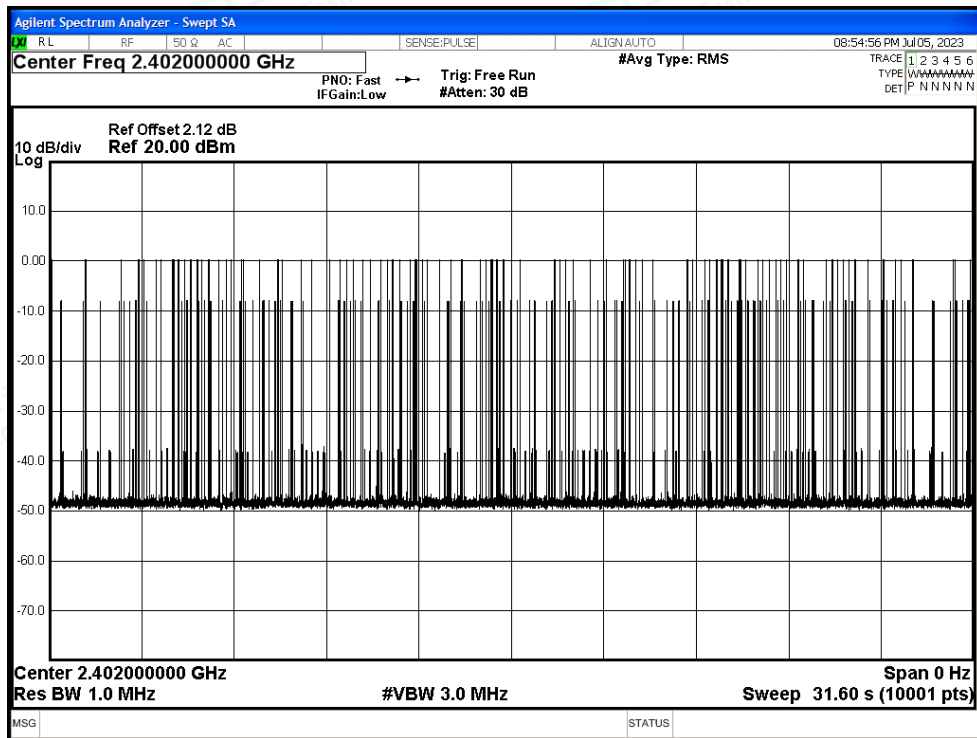


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

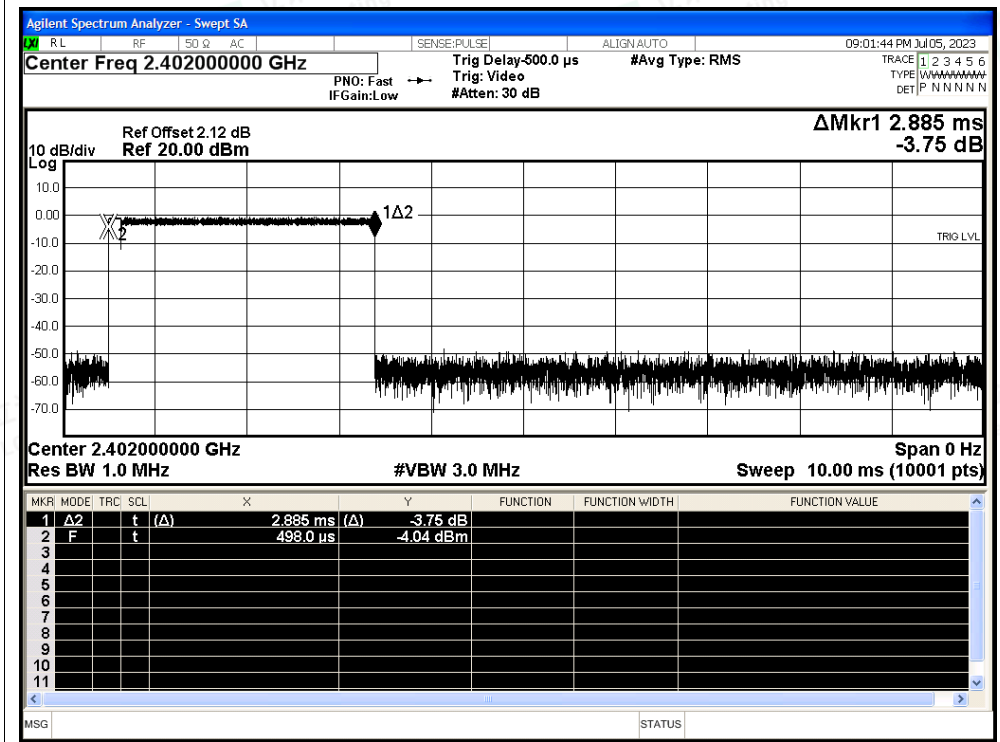


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

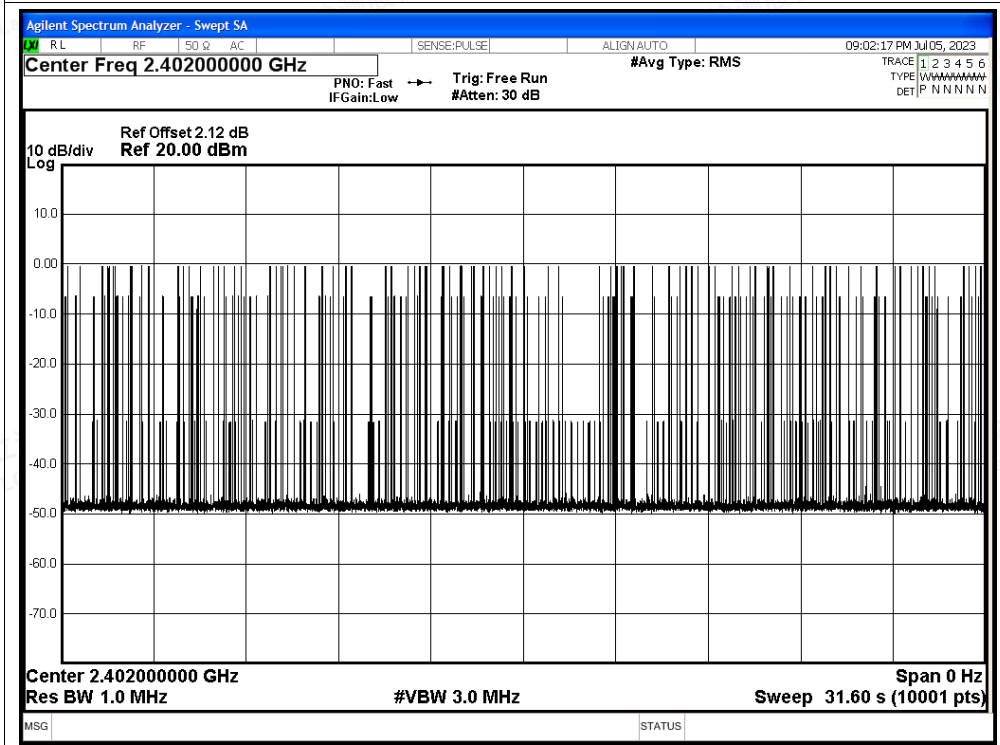




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

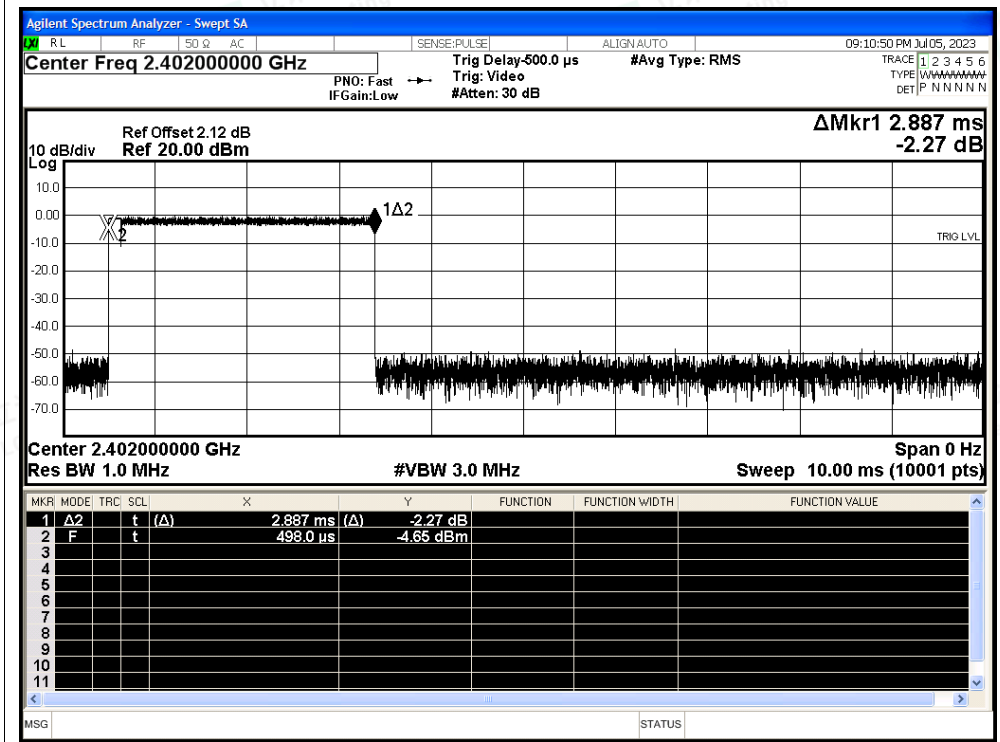


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

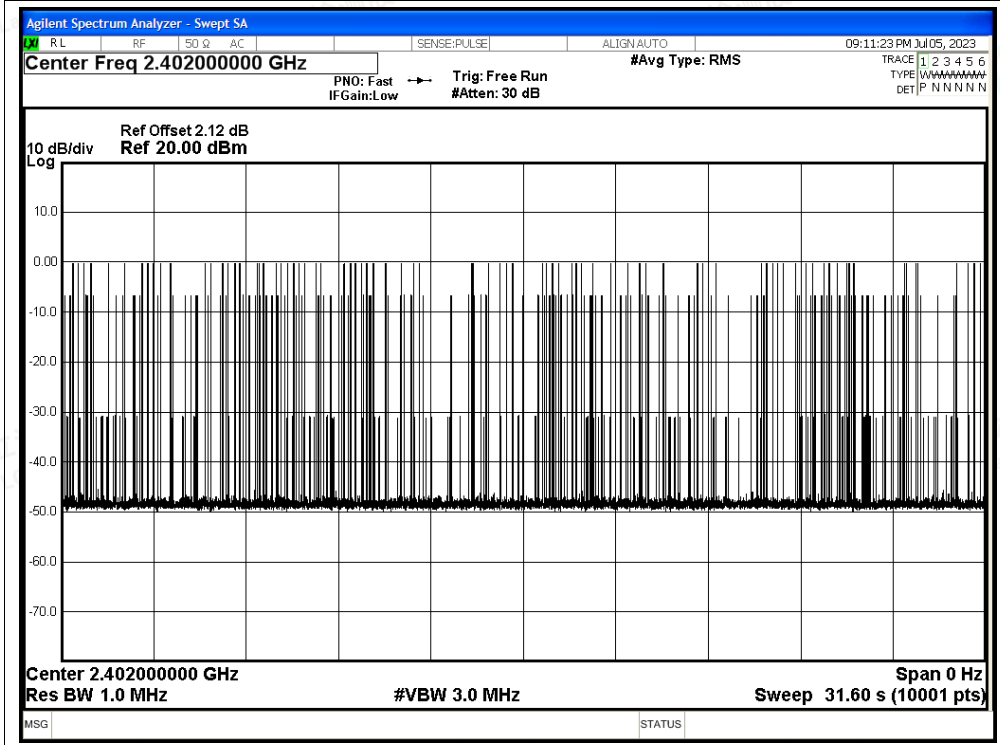




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





A.5 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

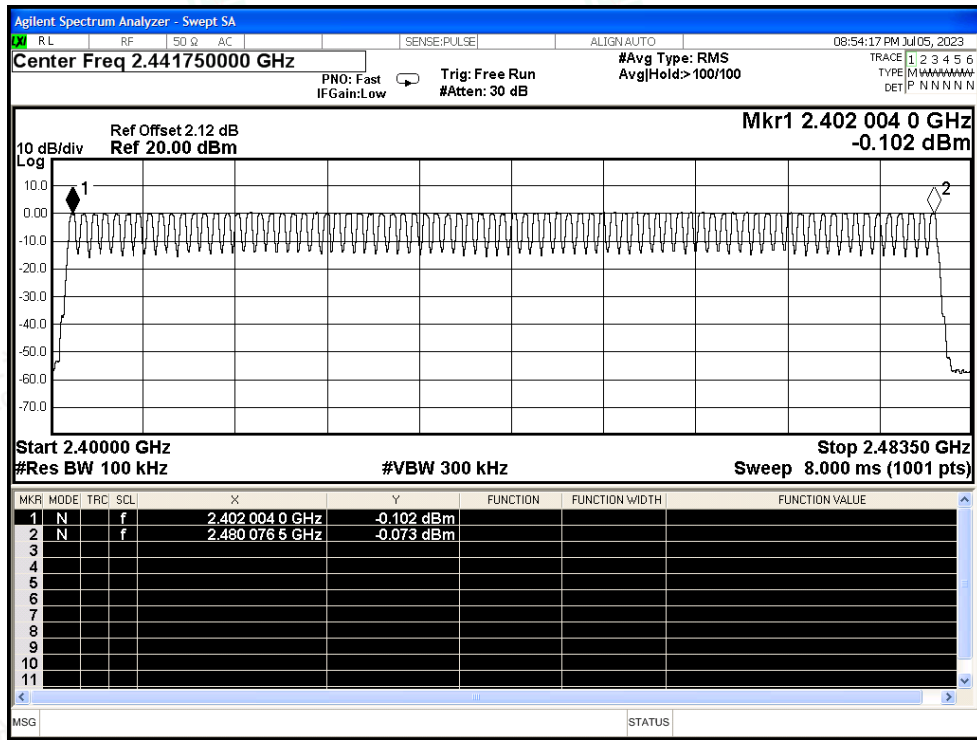


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

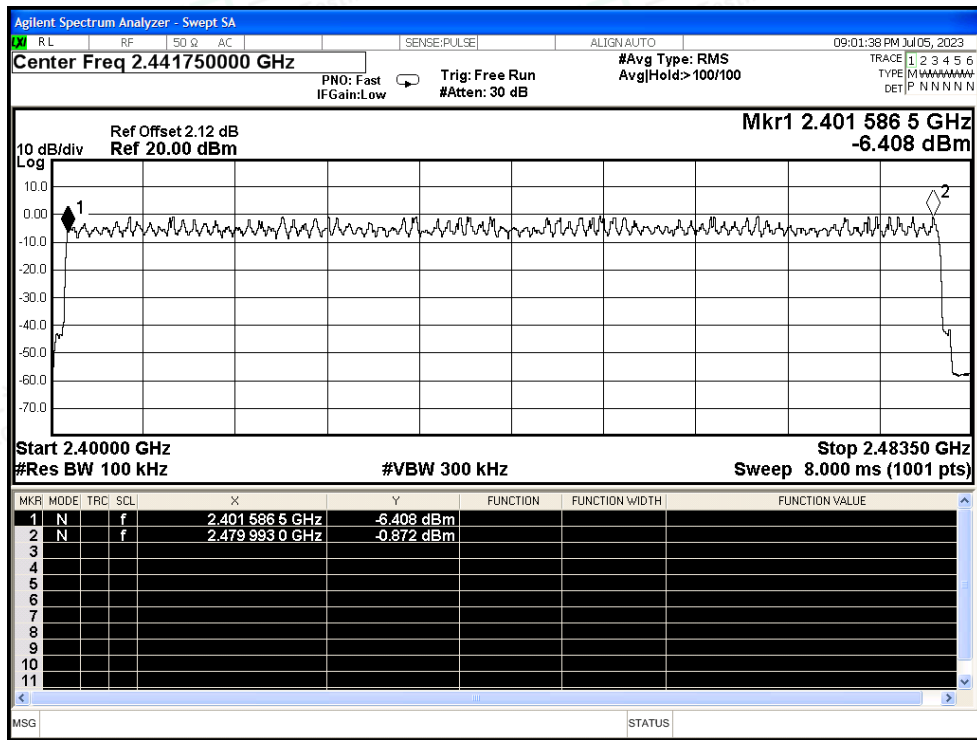


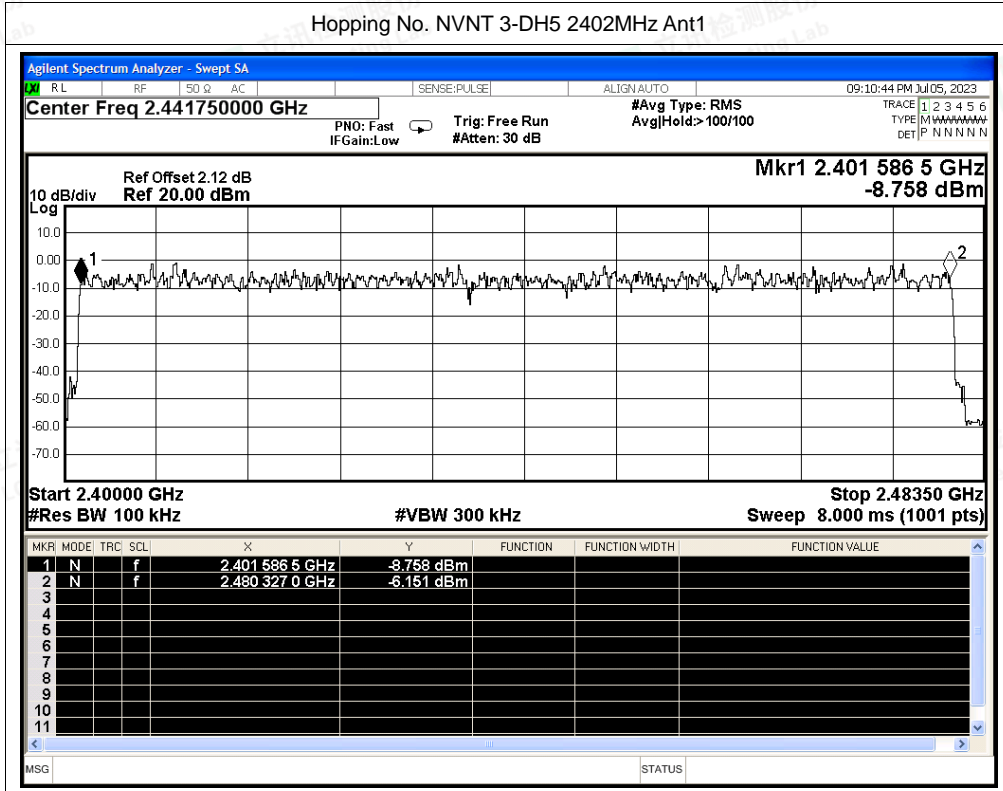
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1







A.6 Band Edge

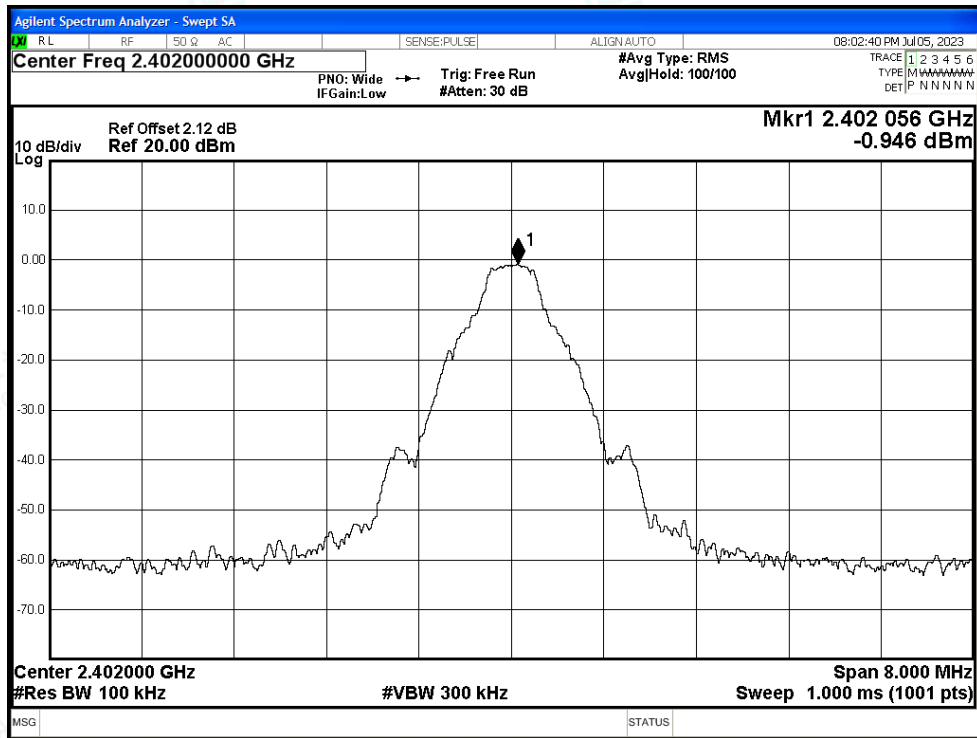
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.26	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.67	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.27	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-55.92	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.05	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.88	-20	Pass



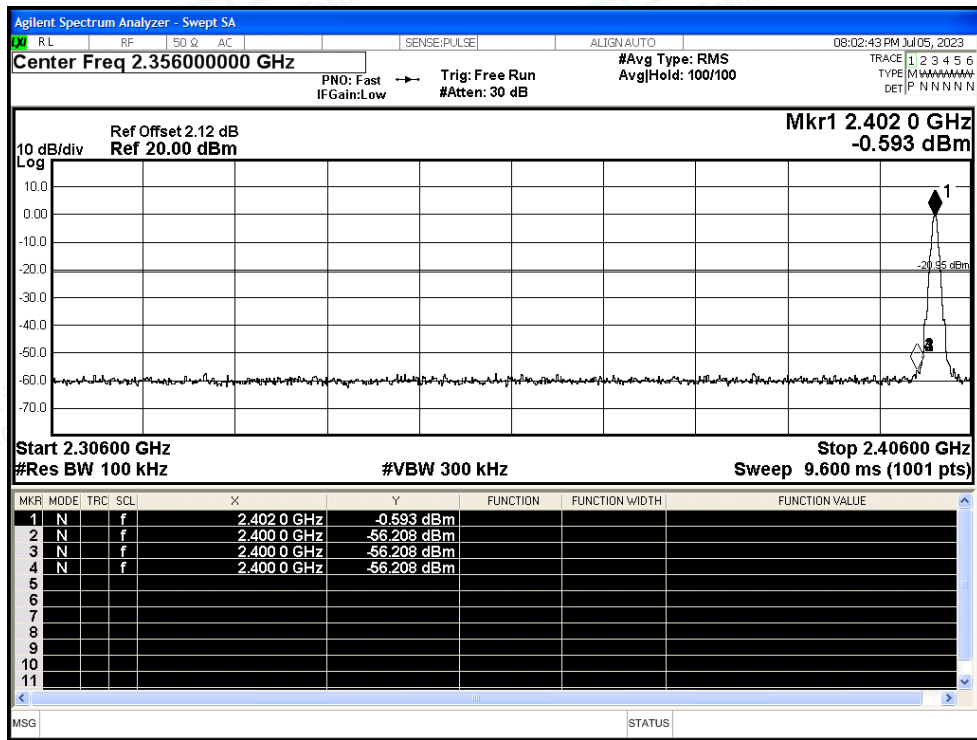


Test Graphs

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

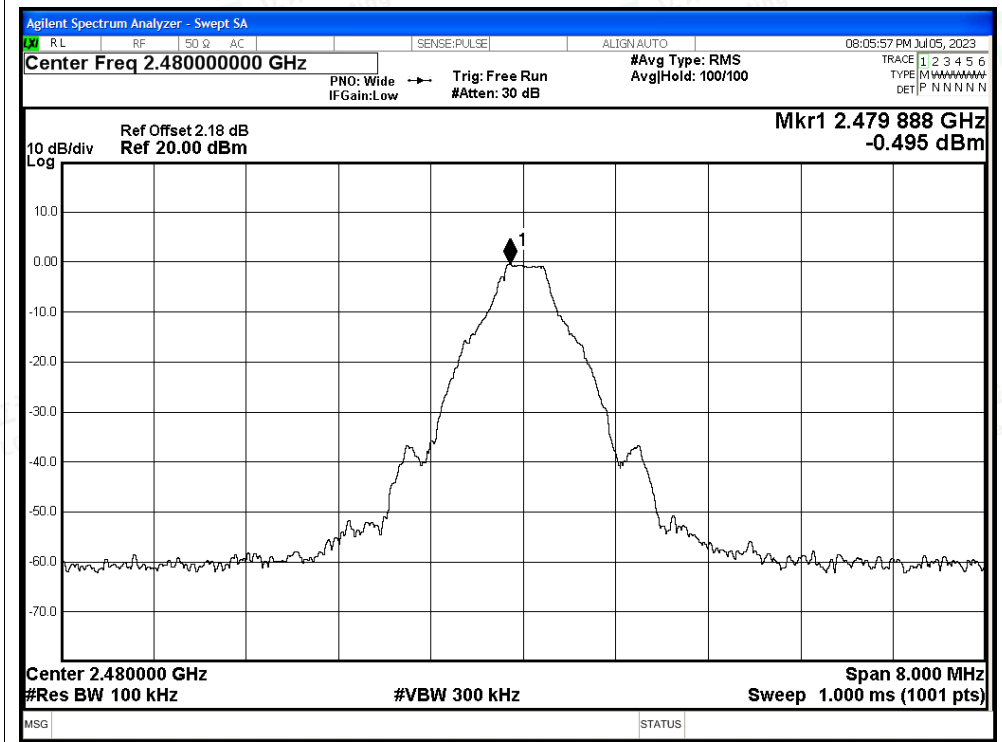


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

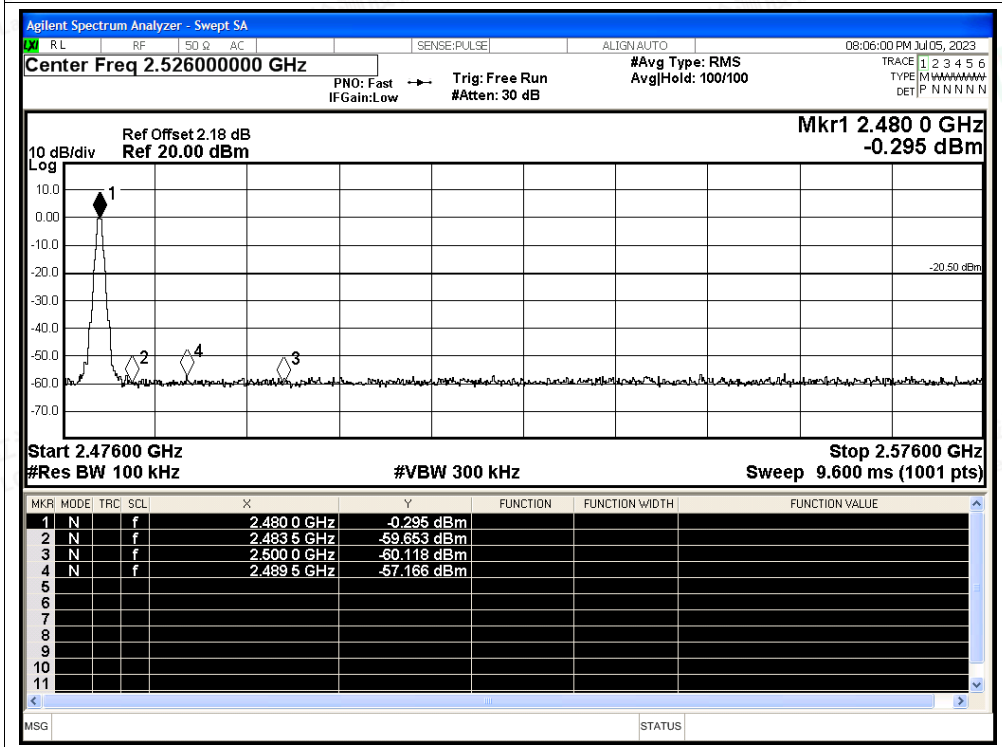




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

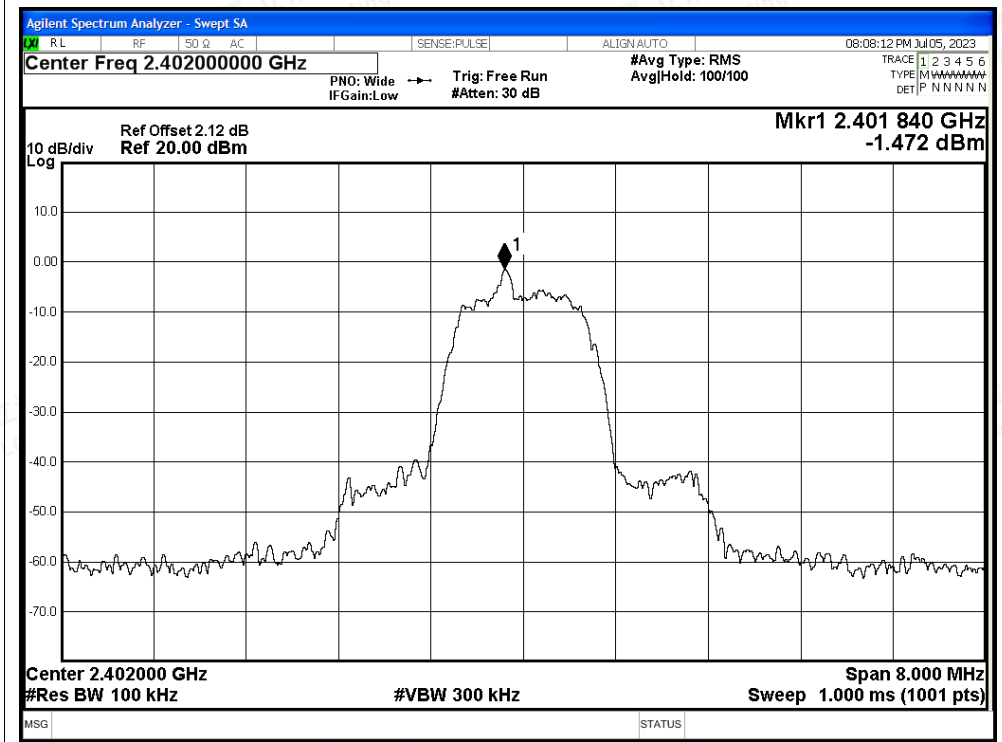


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

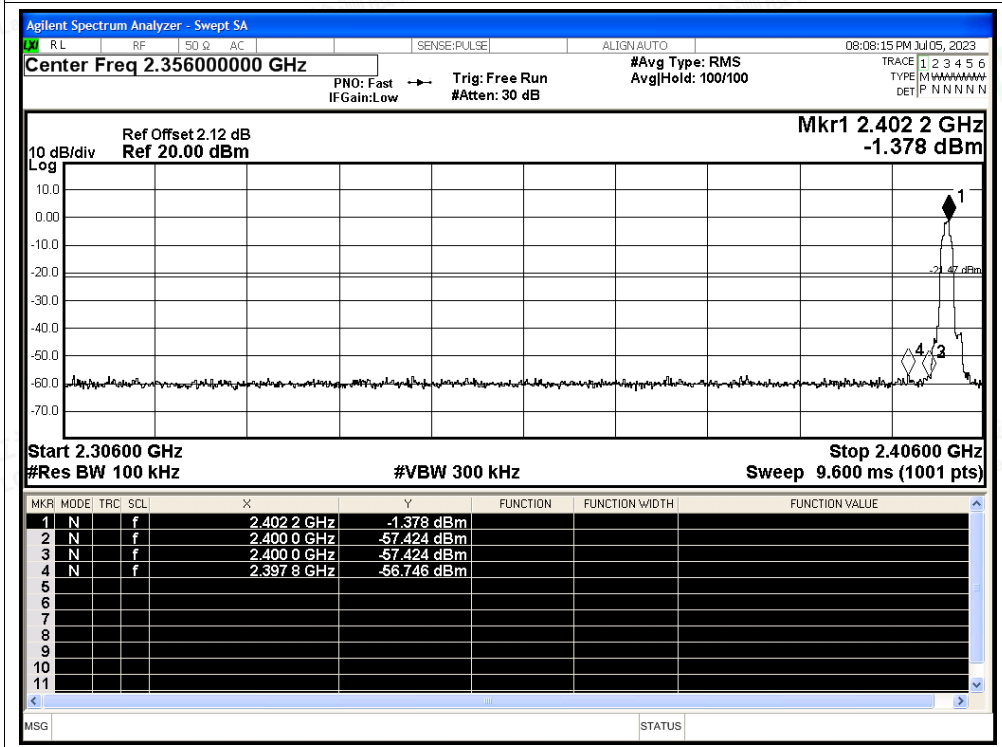




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

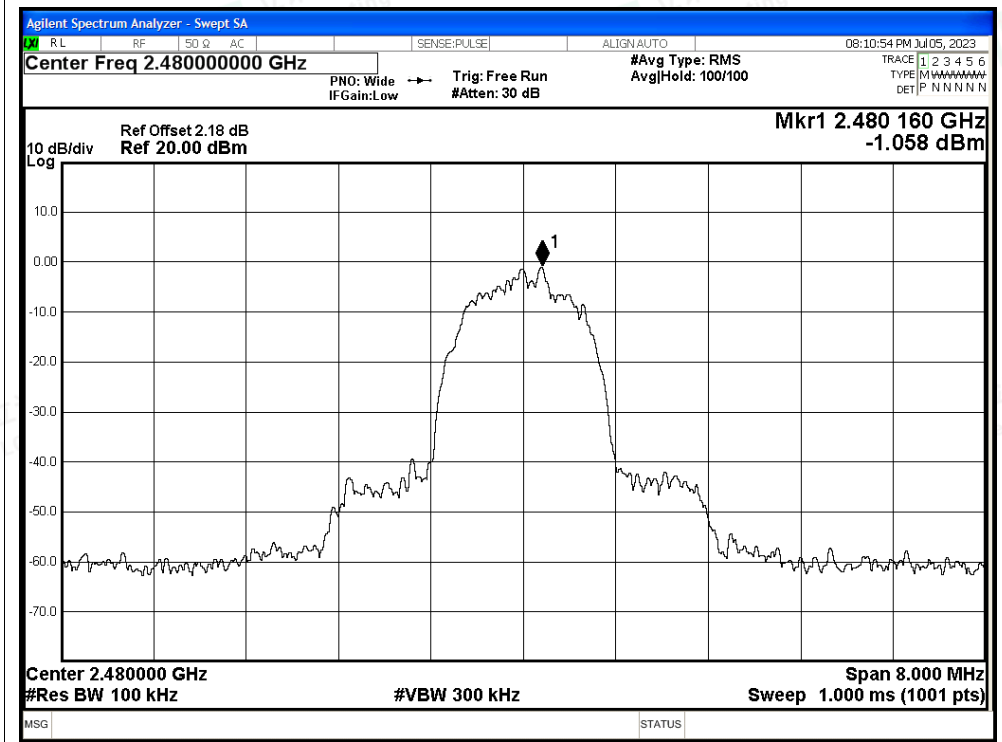


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

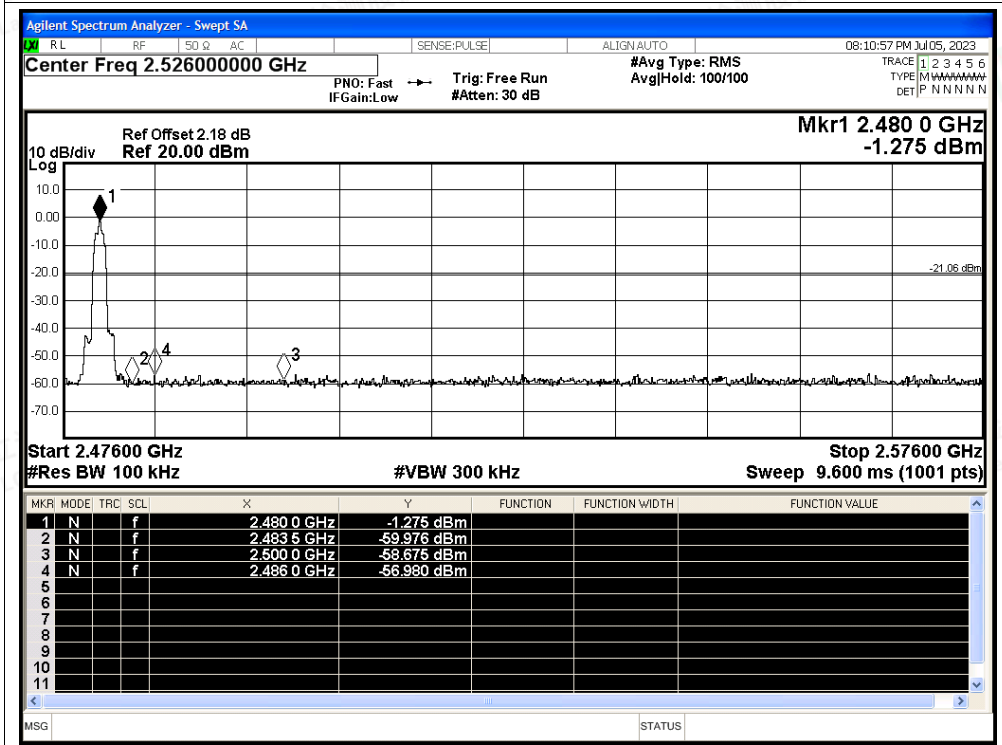




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

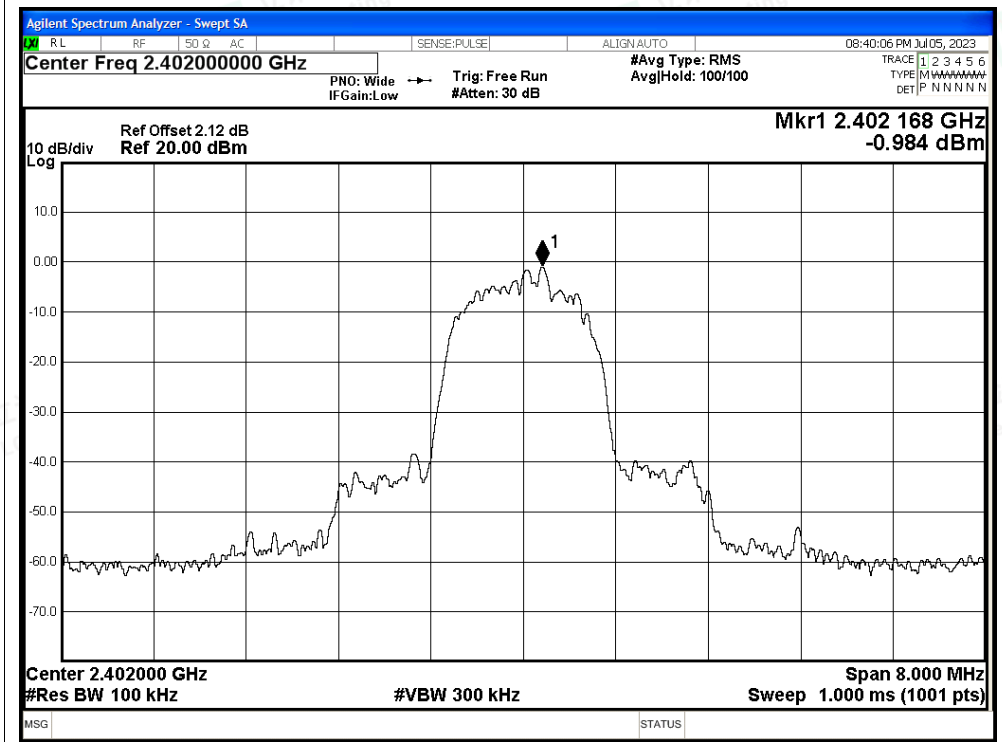


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

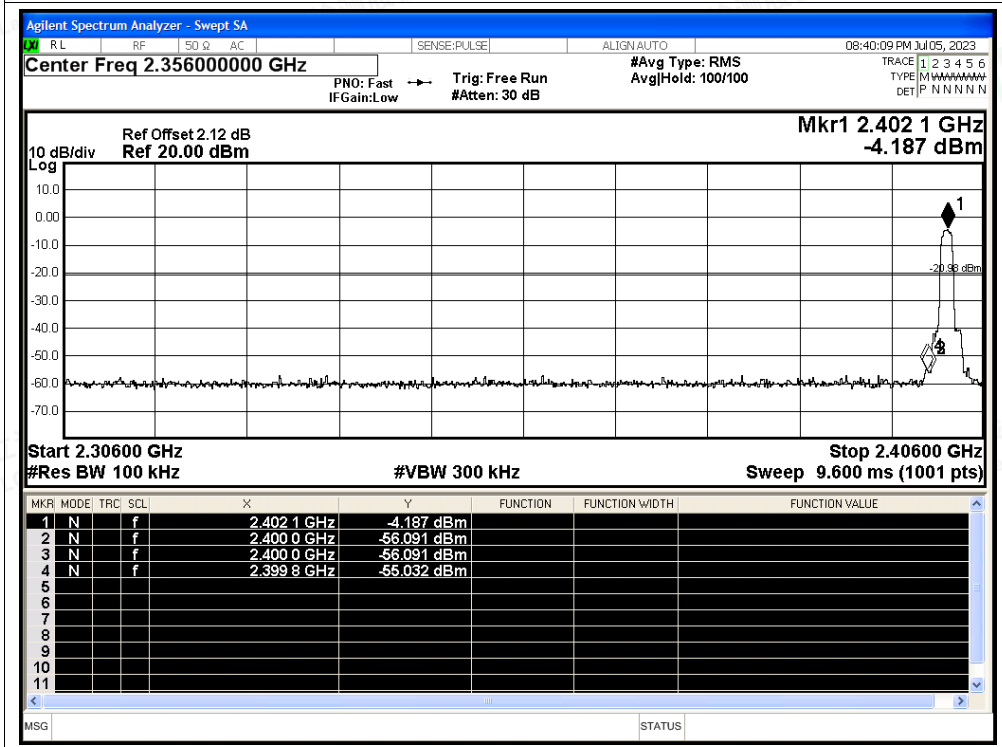




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

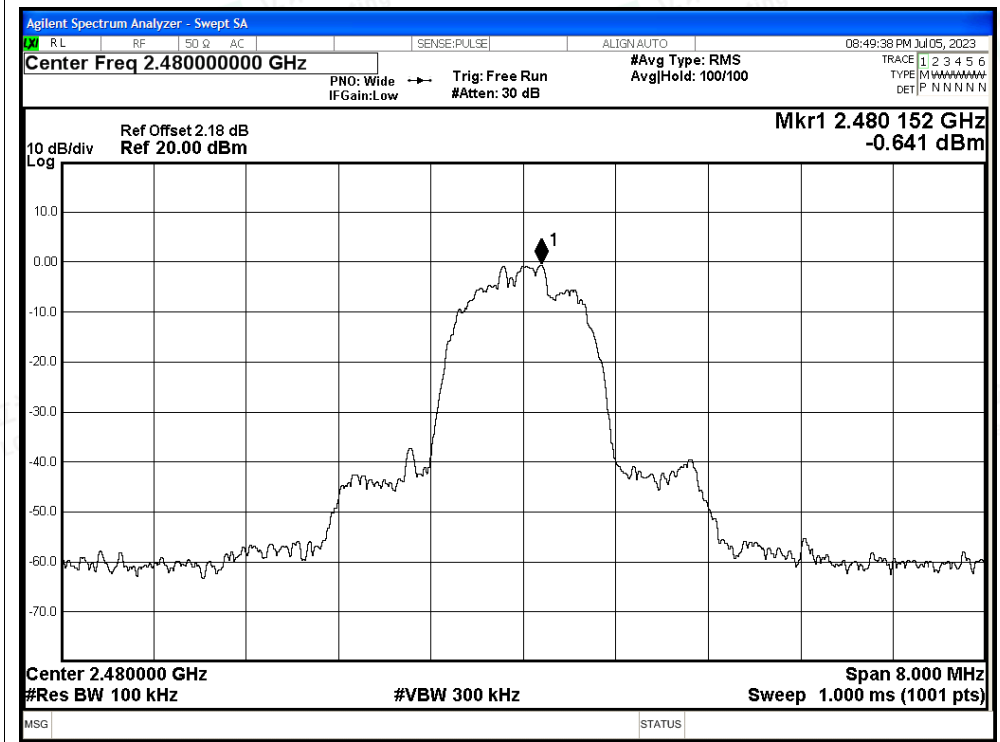


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

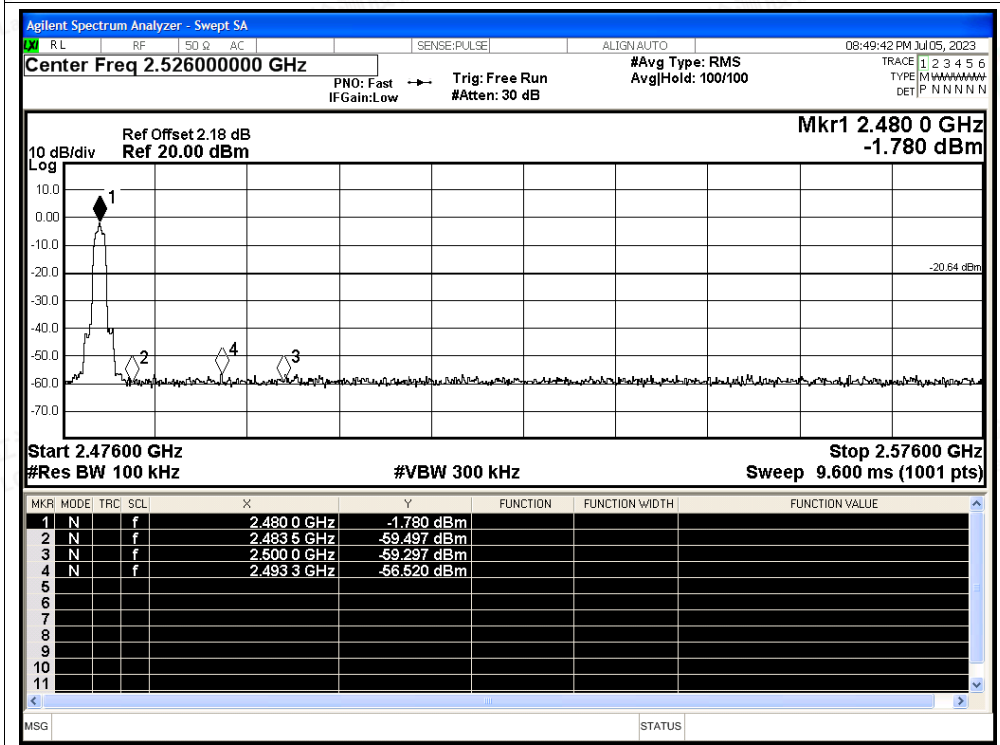




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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





(Hopping)

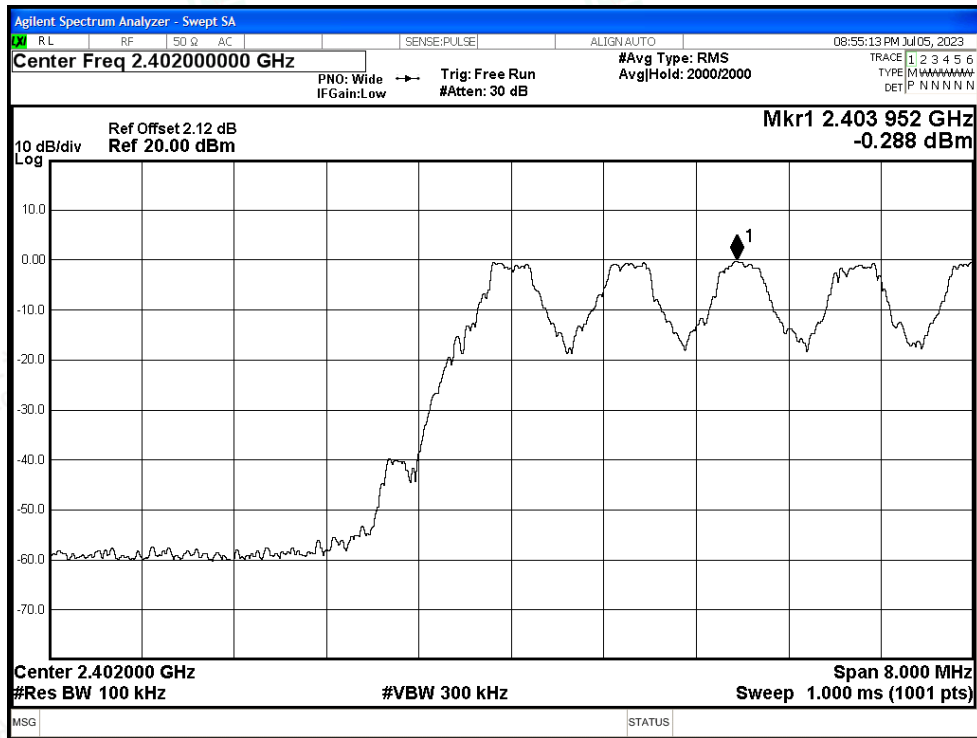
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.3	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.93	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.09	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-54.87	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.8	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.82	-20	Pass



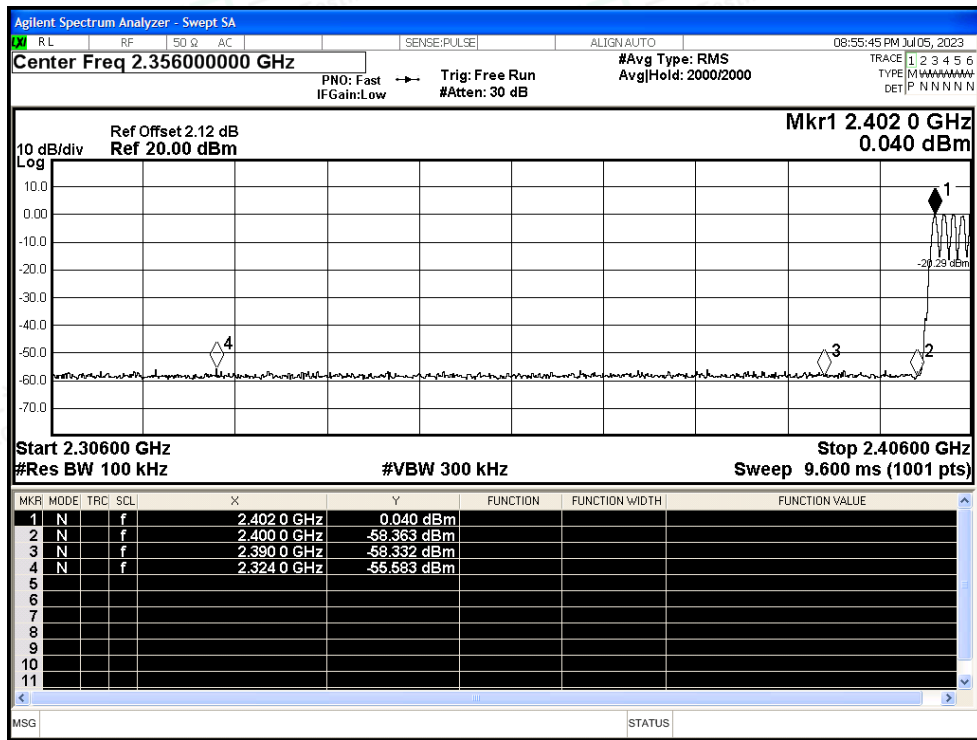


Test Graphs

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

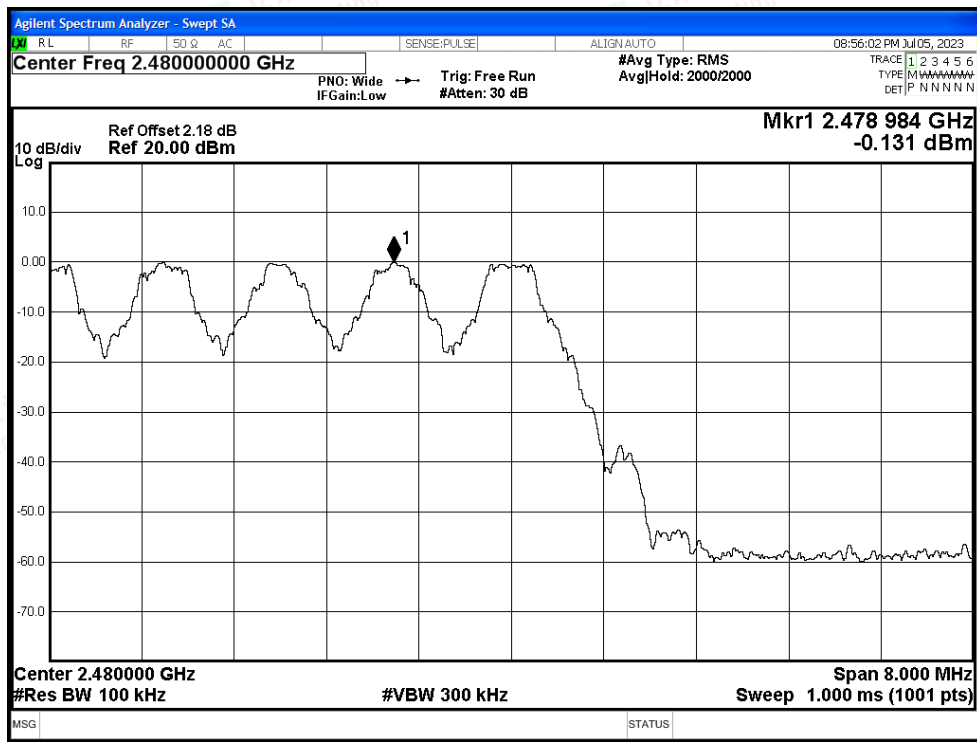


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

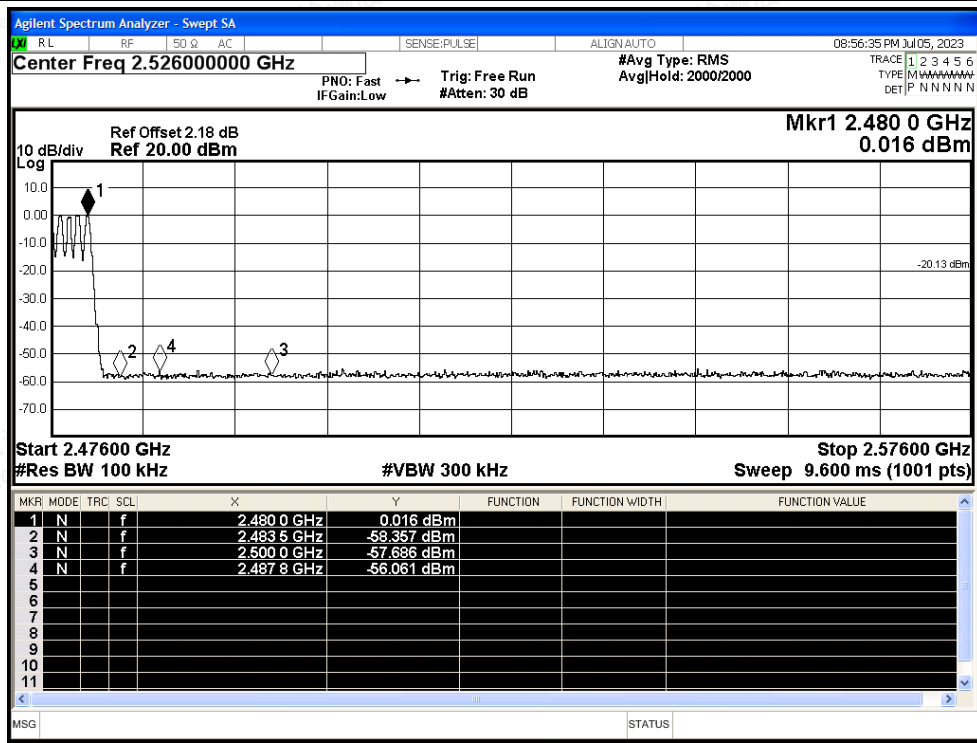




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



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

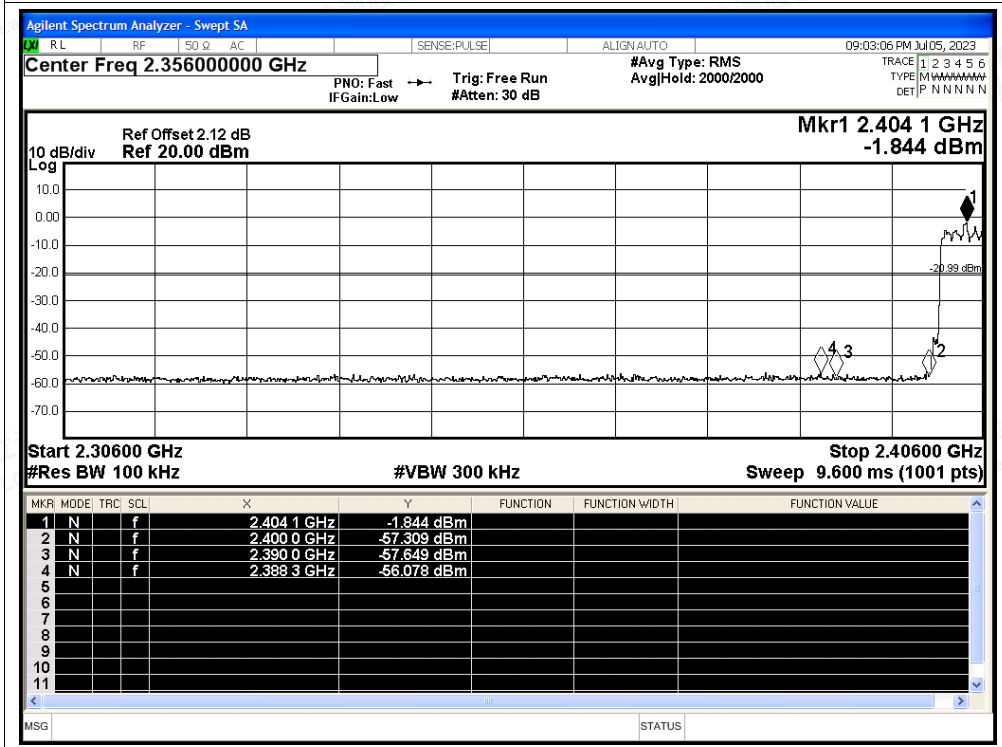




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

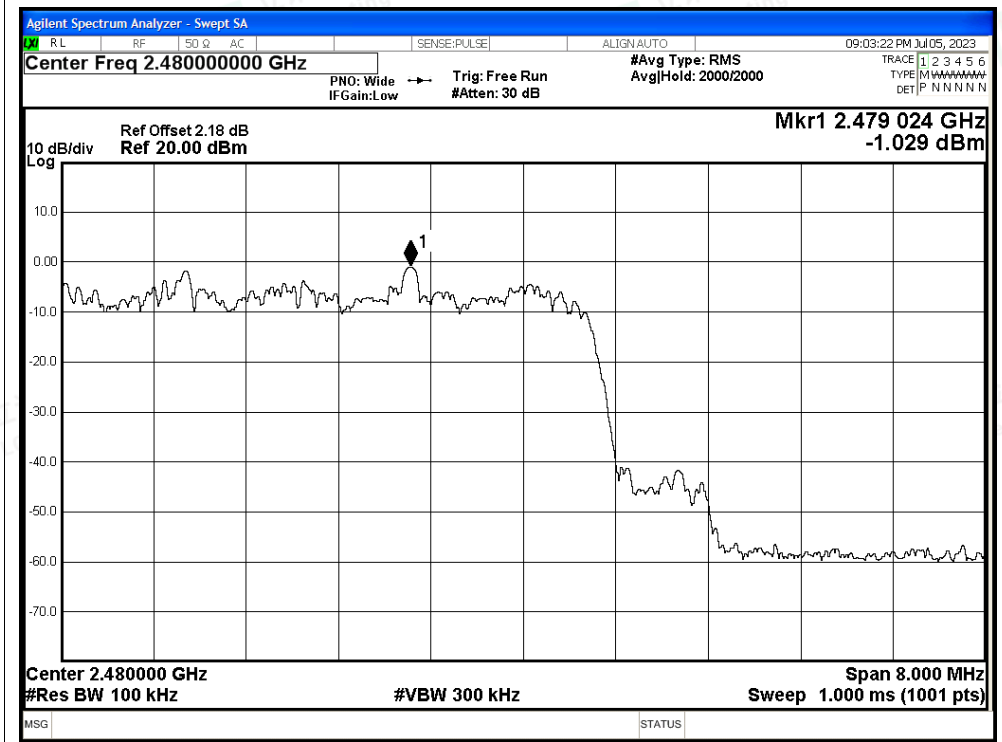


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

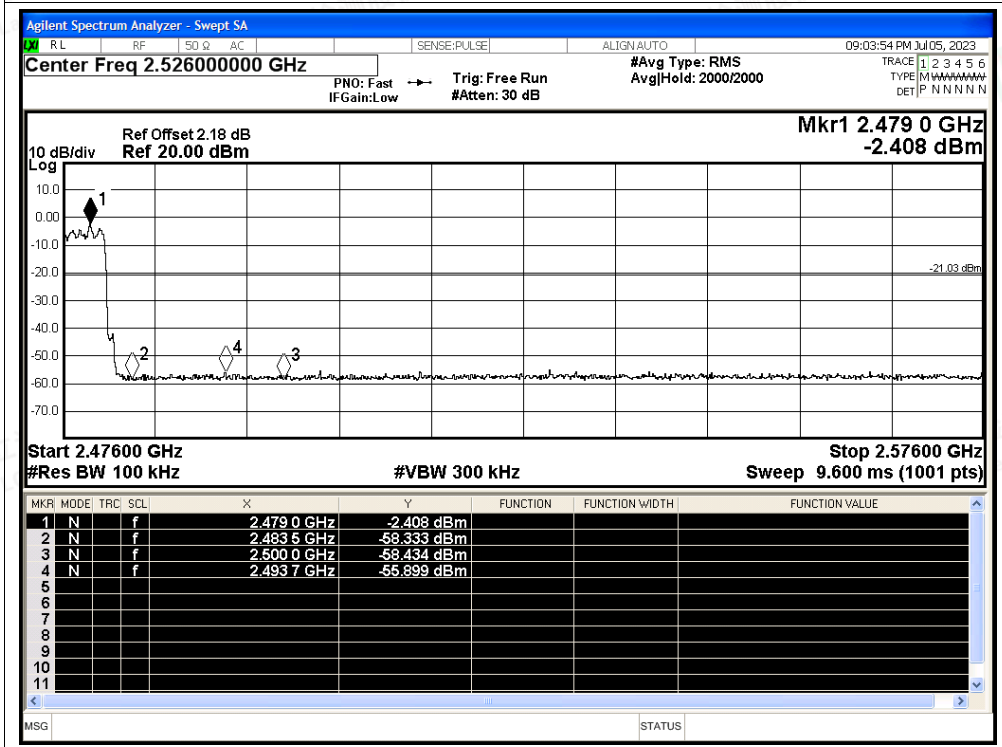




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

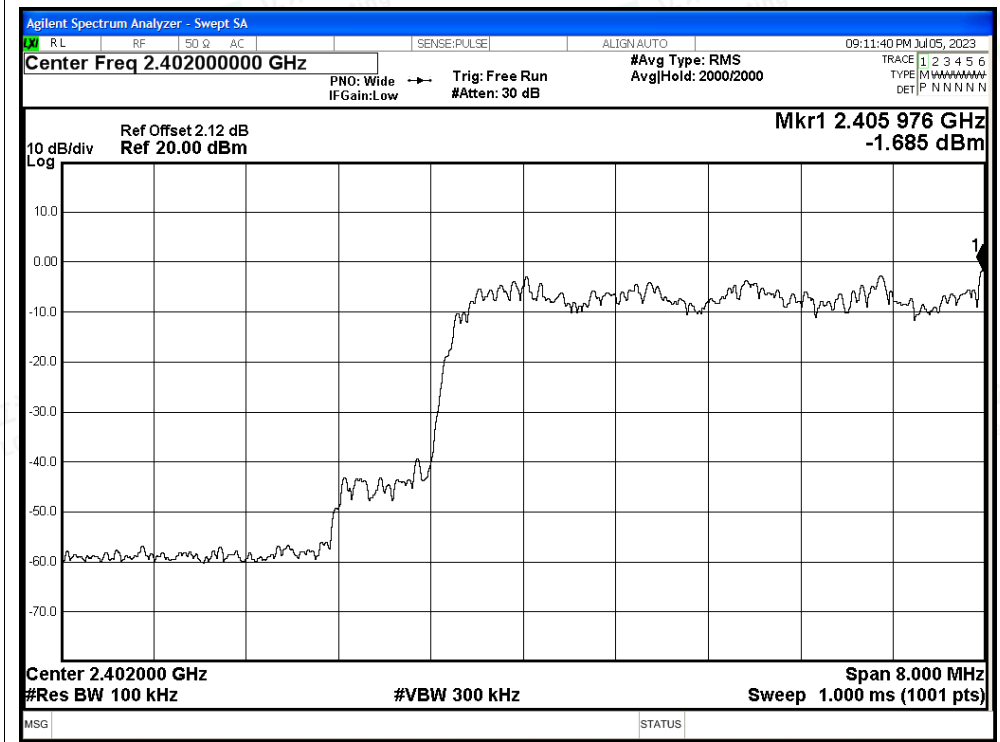


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

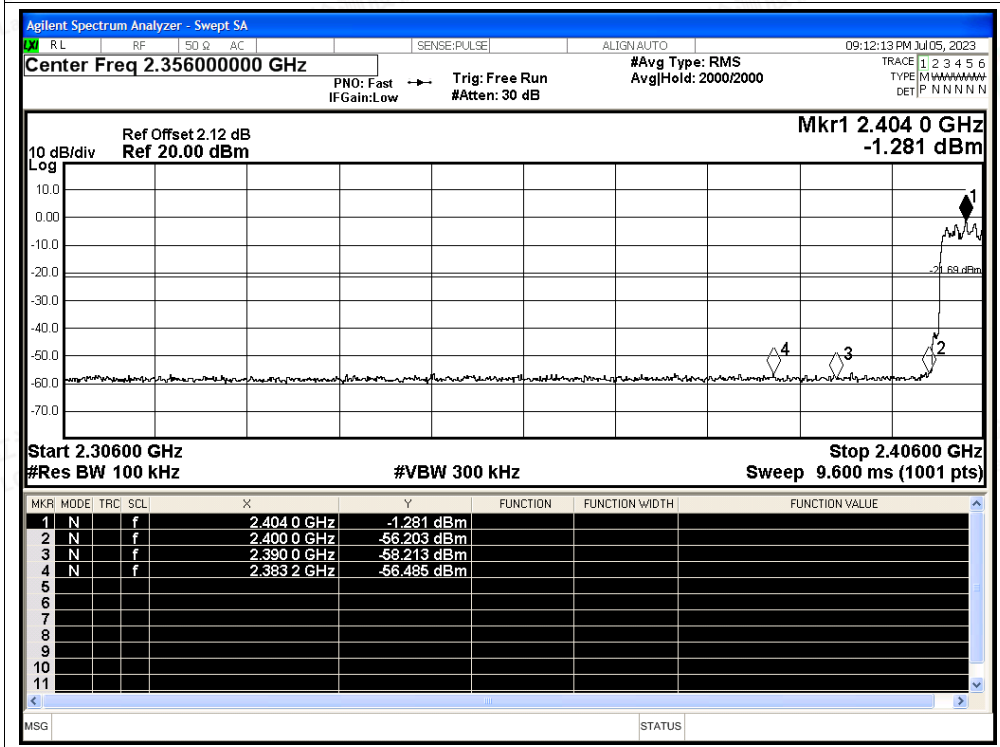




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

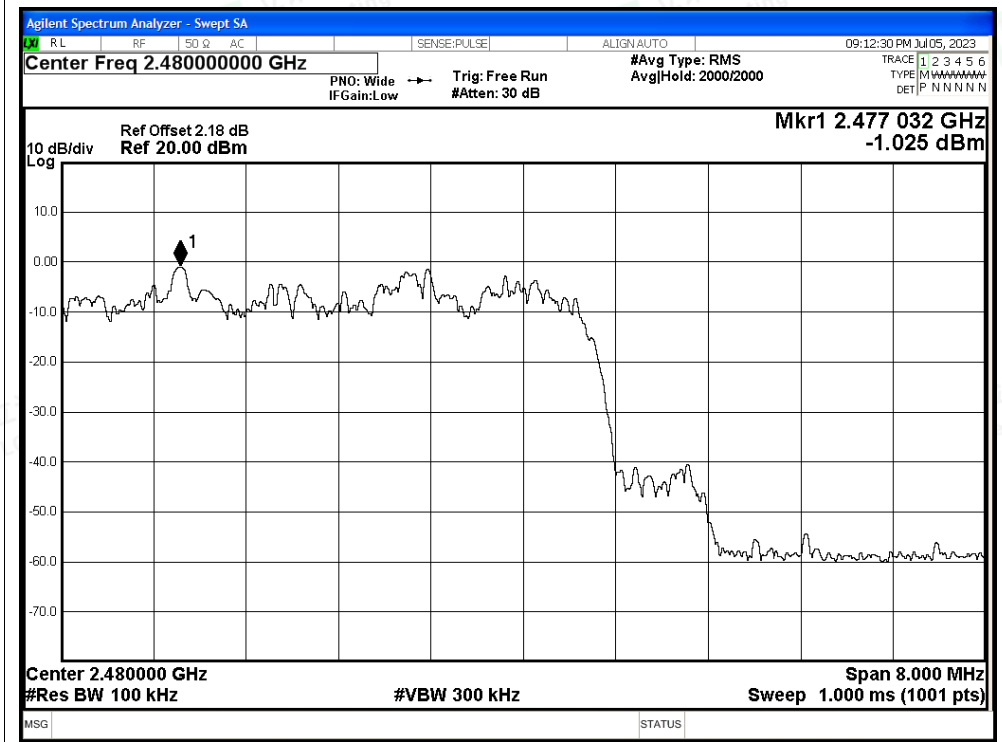


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

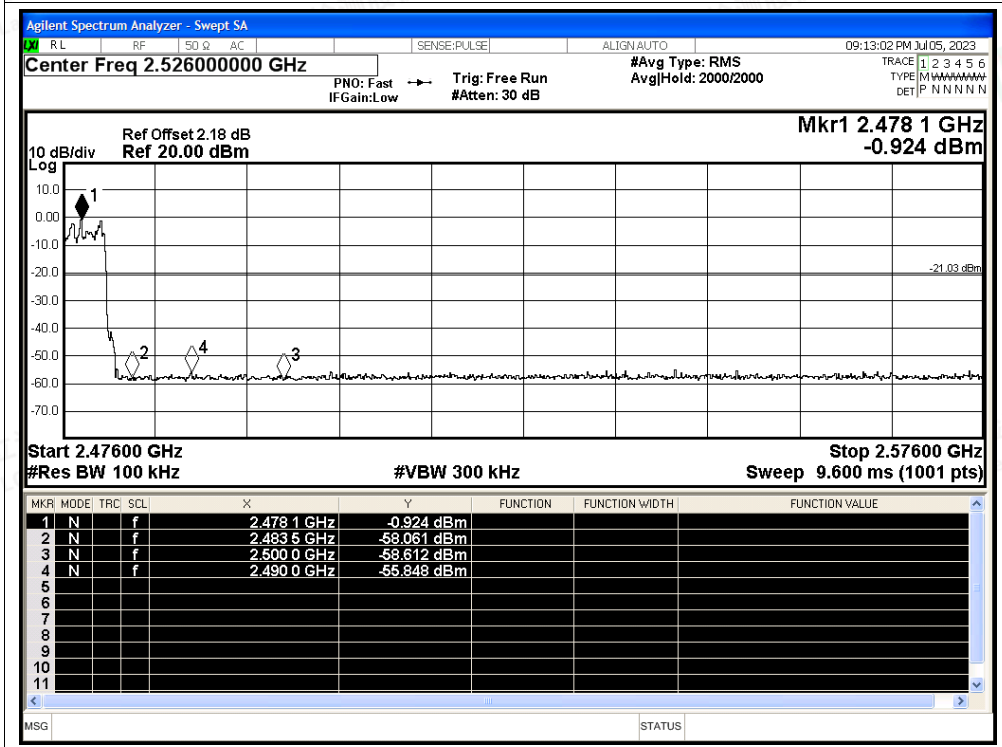




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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





A.7 Conducted RF Spurious Emission

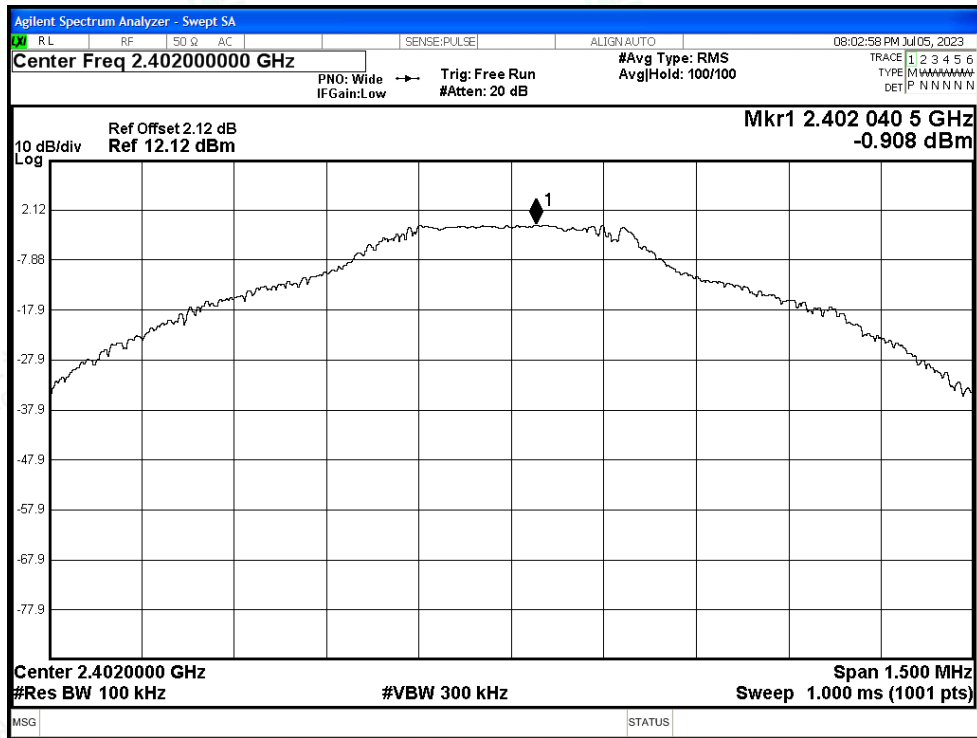
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-49.08	-20	Pass
NVNT	1-DH5	2441	Ant1	-55.36	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.89	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.51	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.87	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.96	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.34	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.91	-20	Pass
NVNT	3-DH5	2480	Ant1	-54.67	-20	Pass



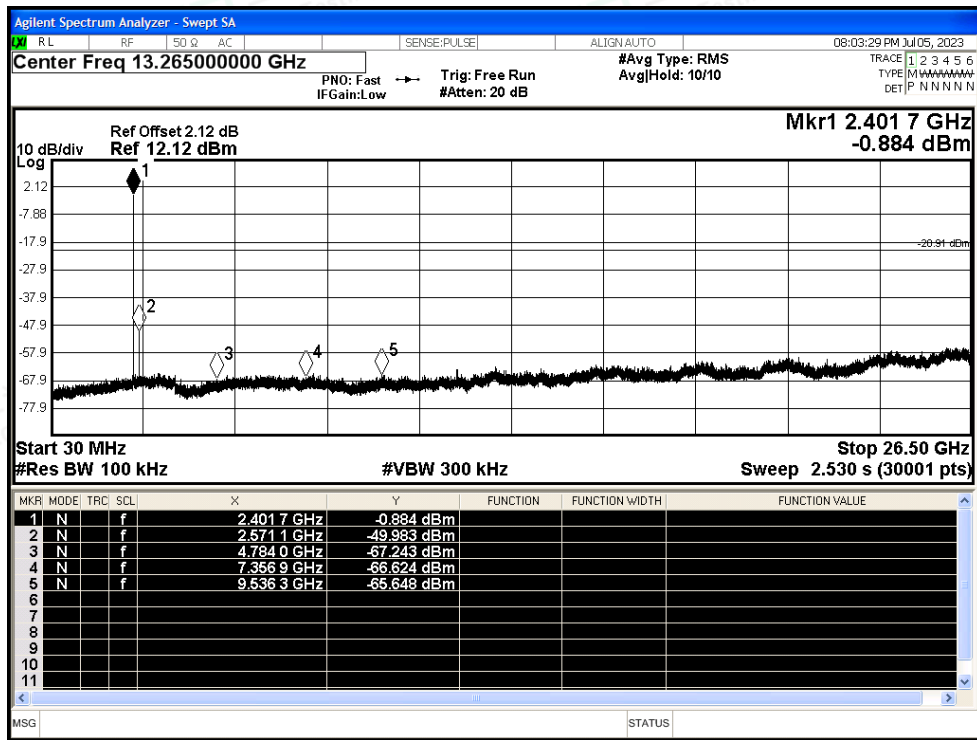


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

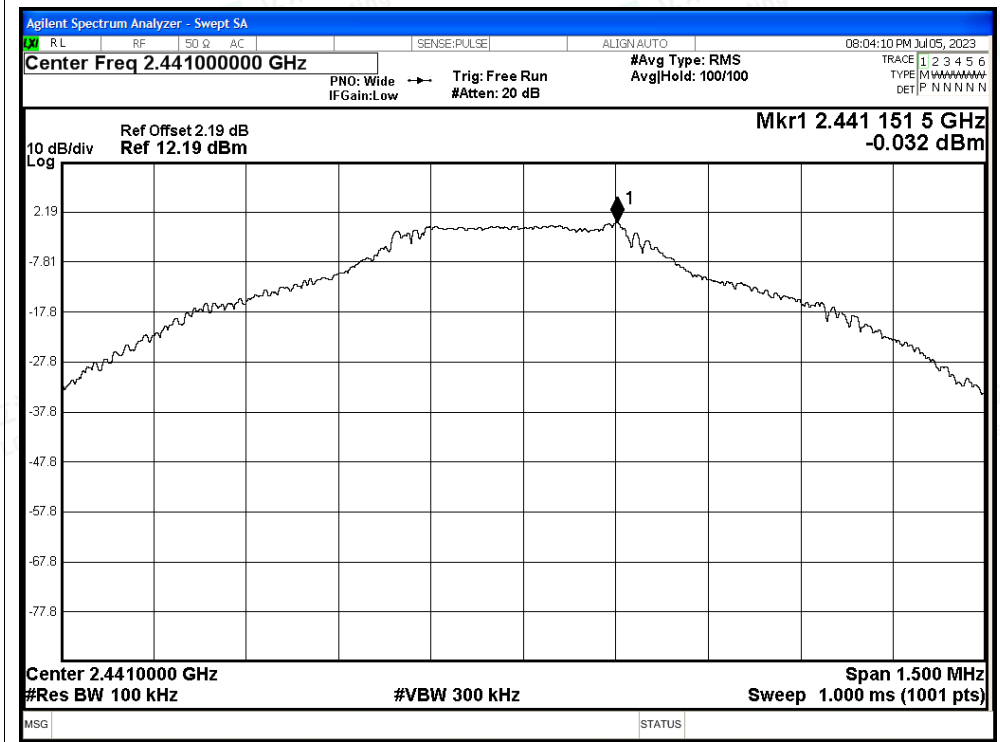


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

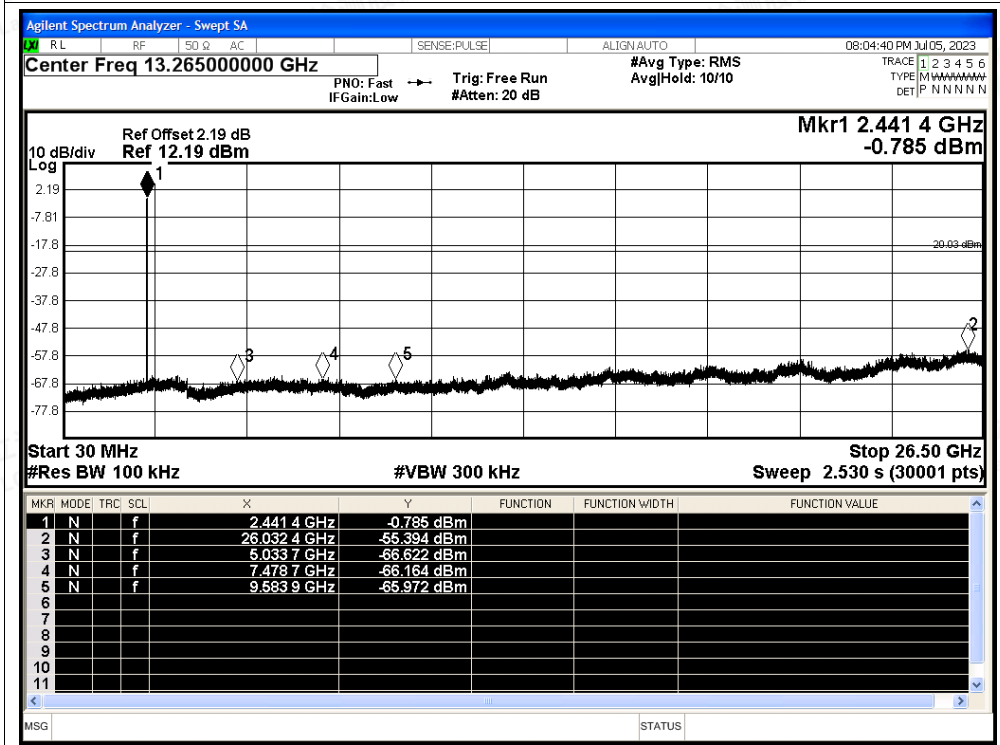




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

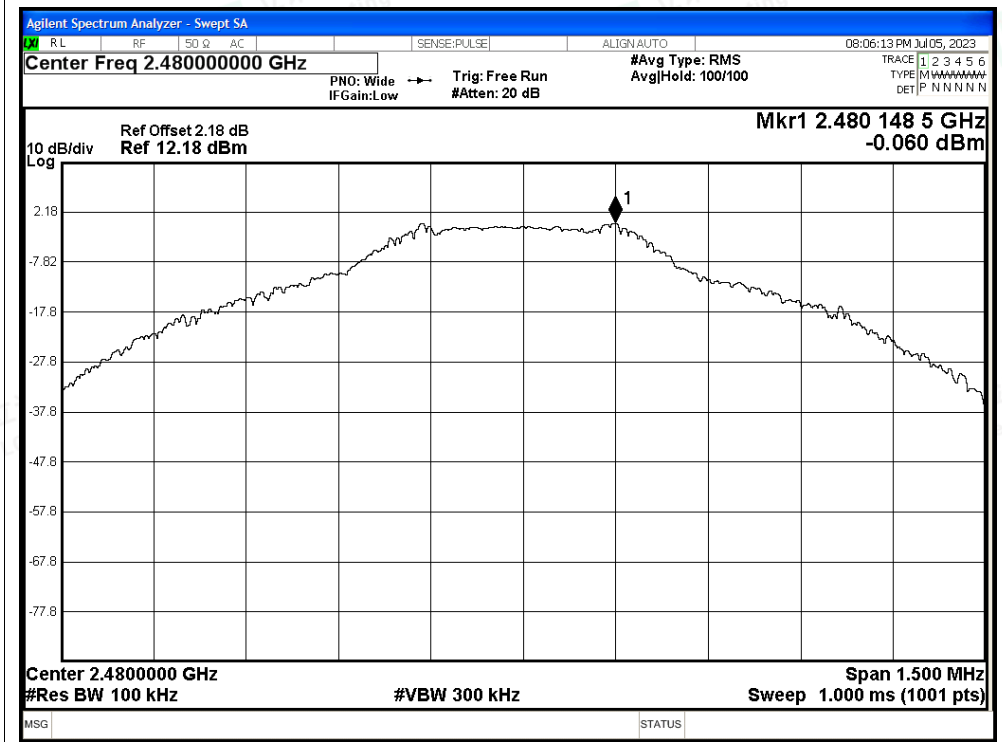


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

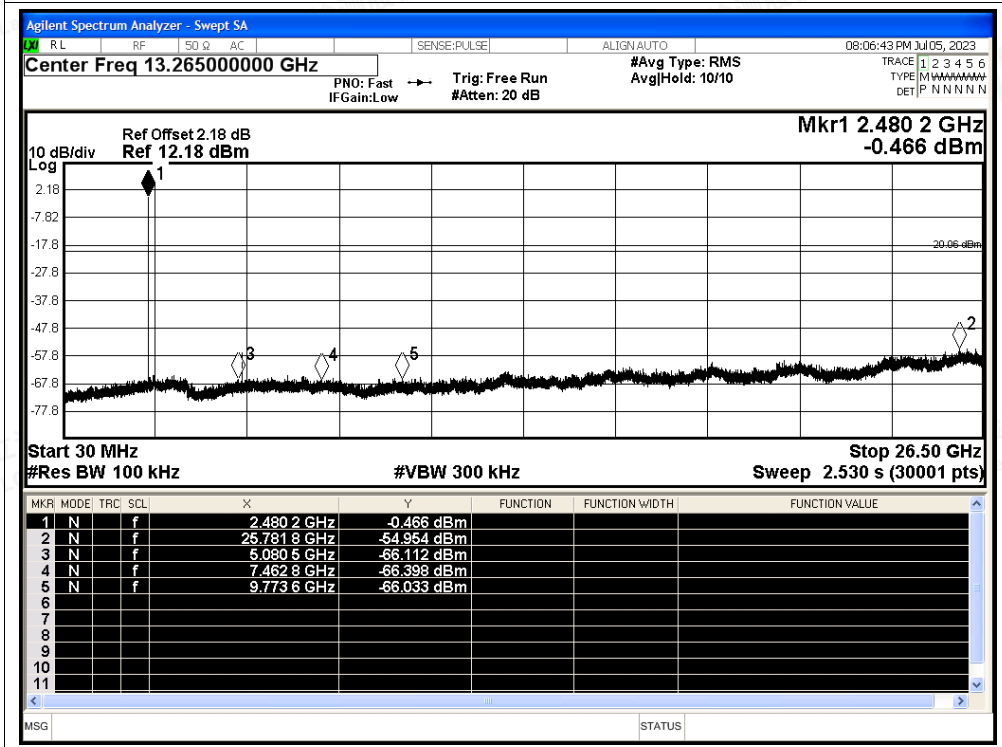




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

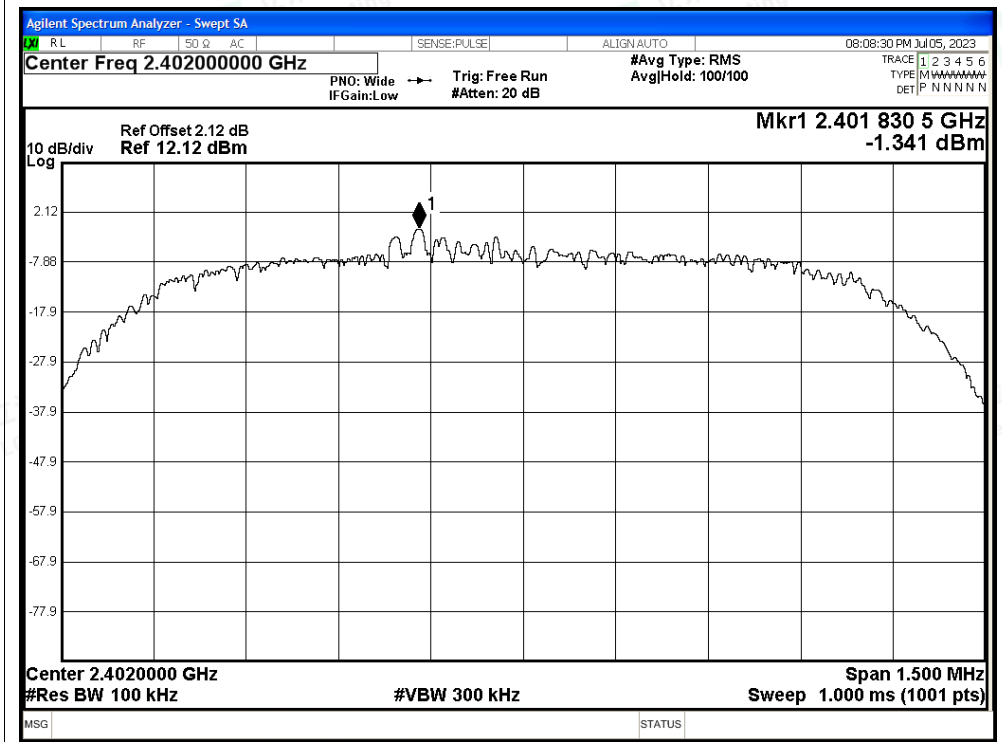


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

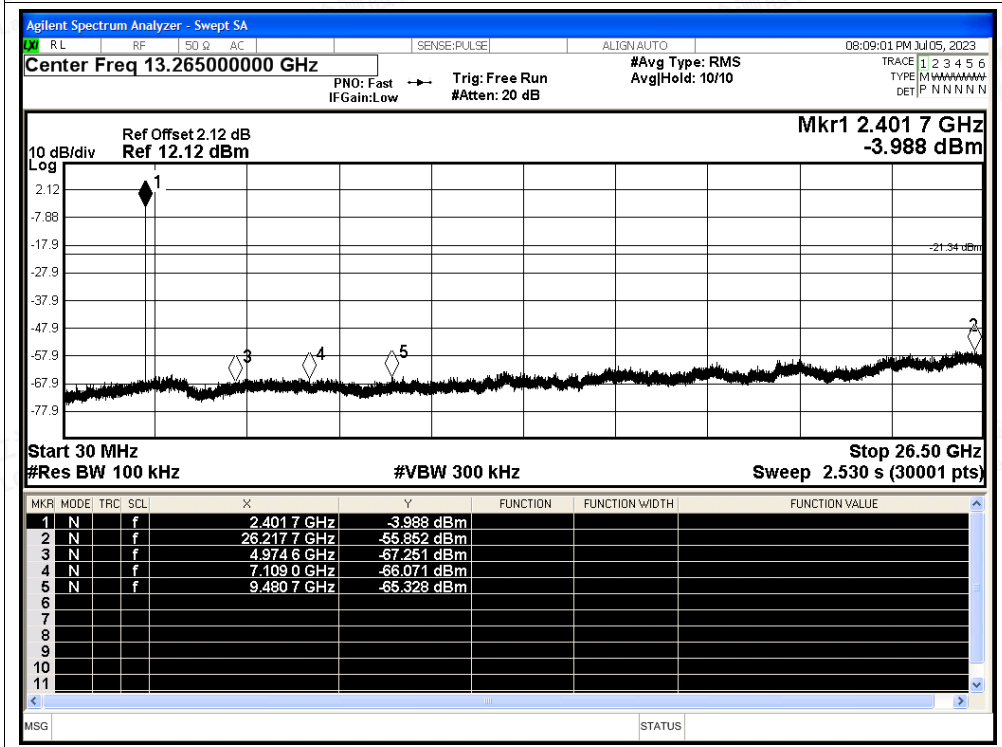




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

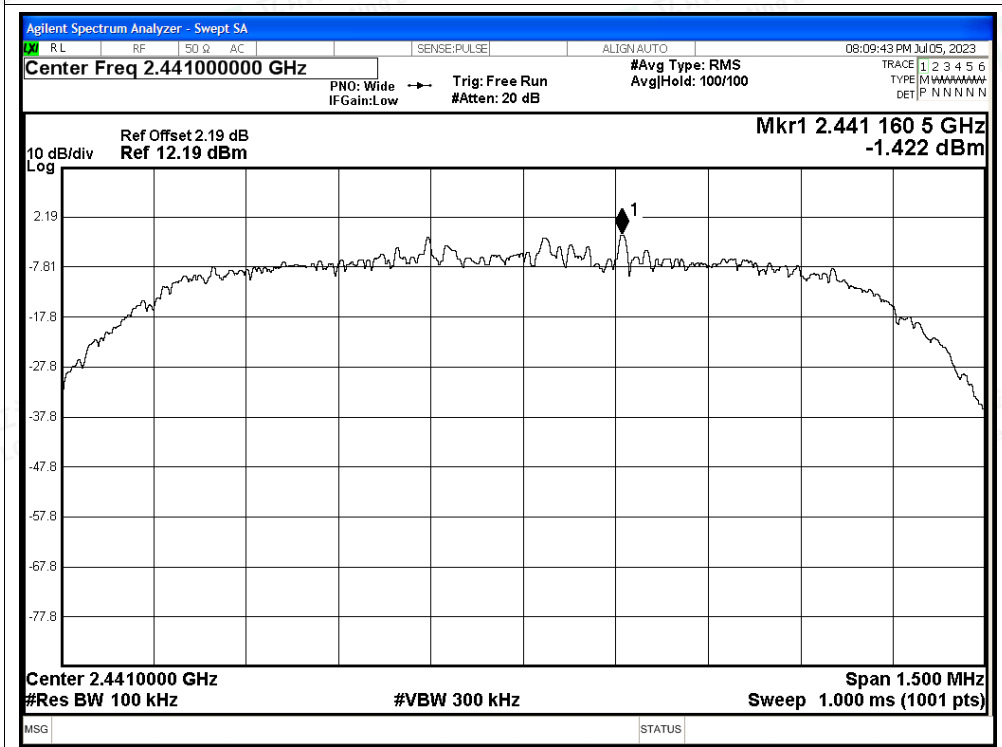


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

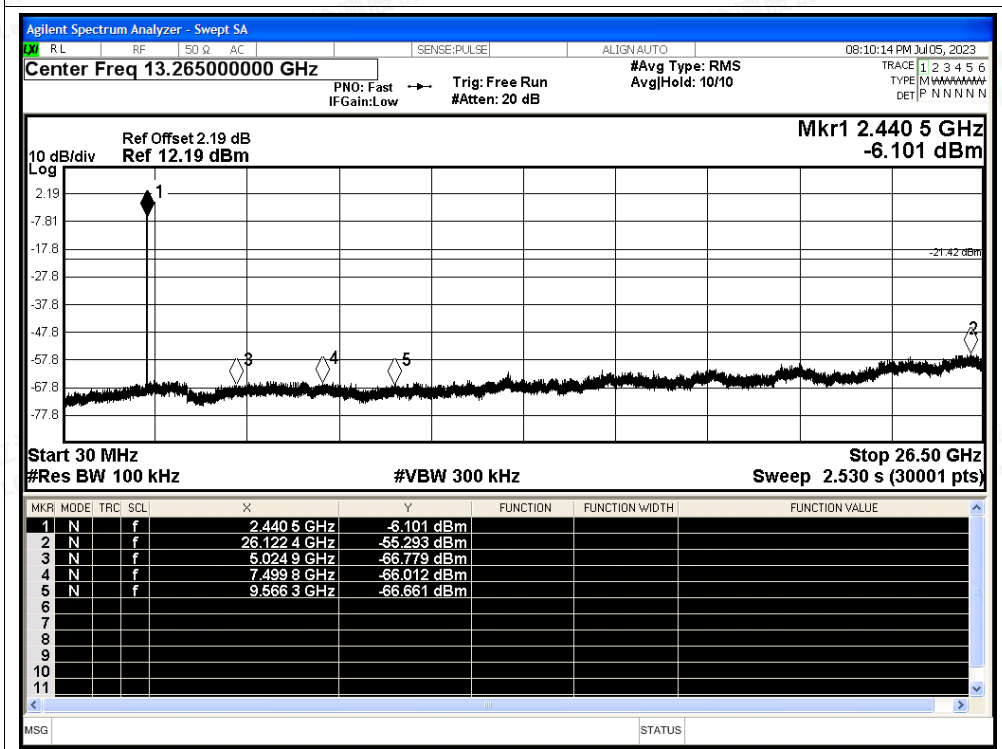




Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

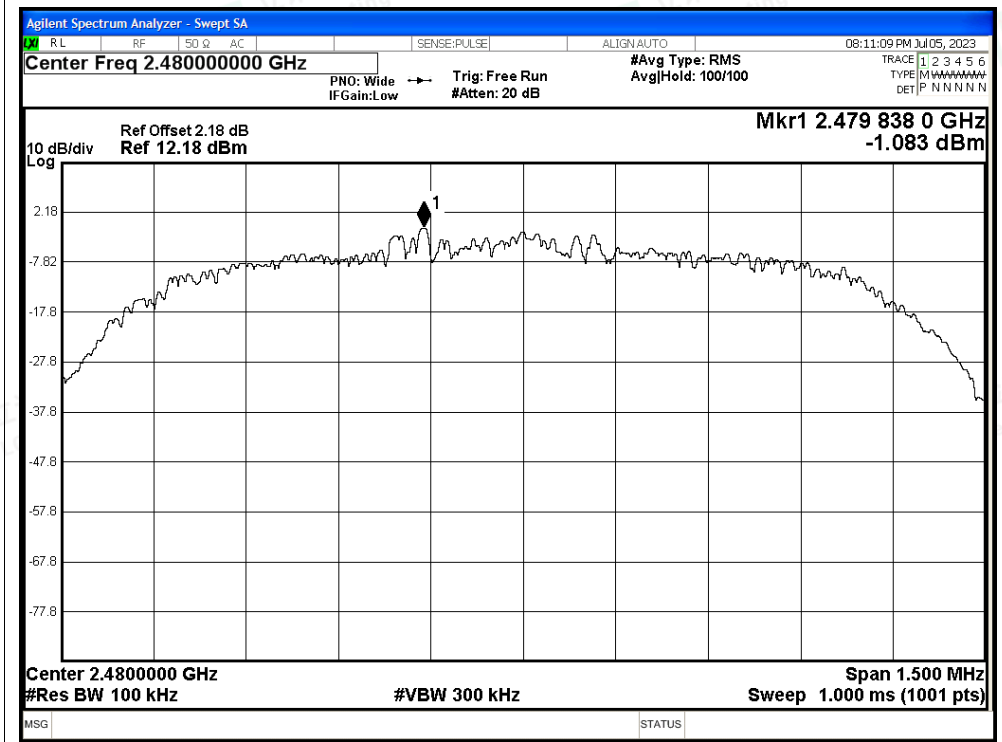


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

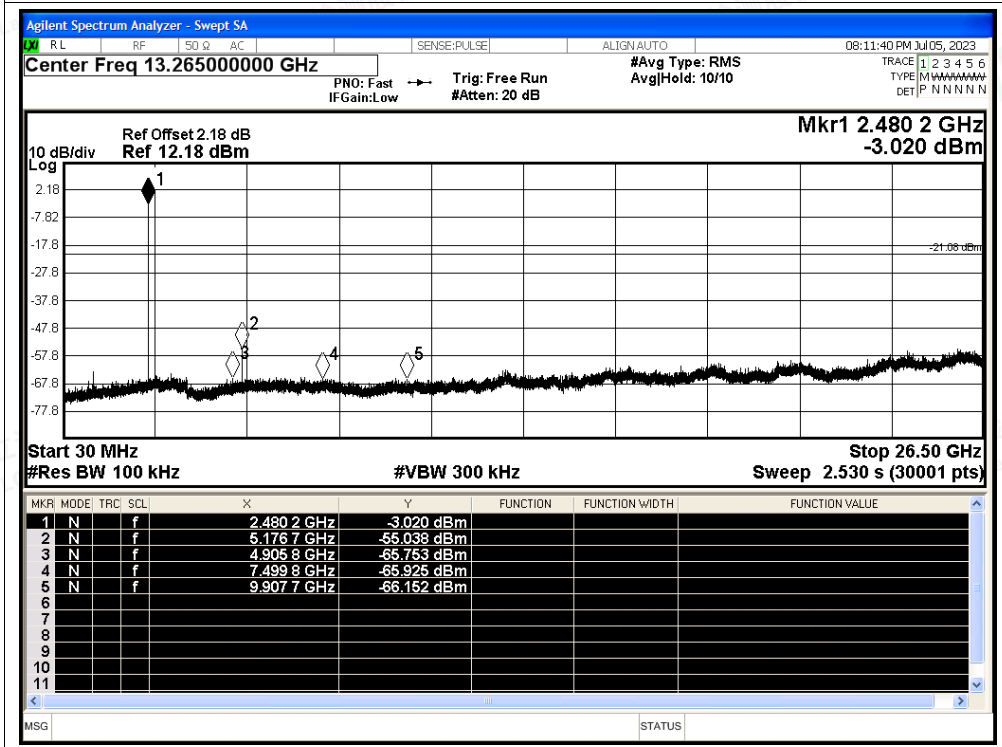




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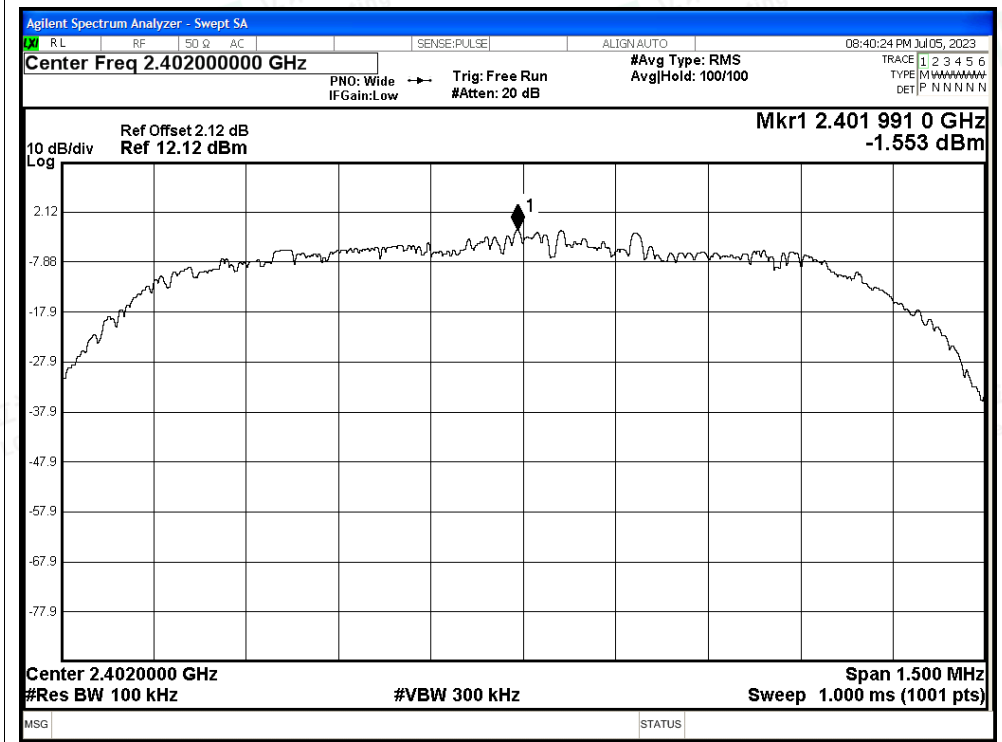


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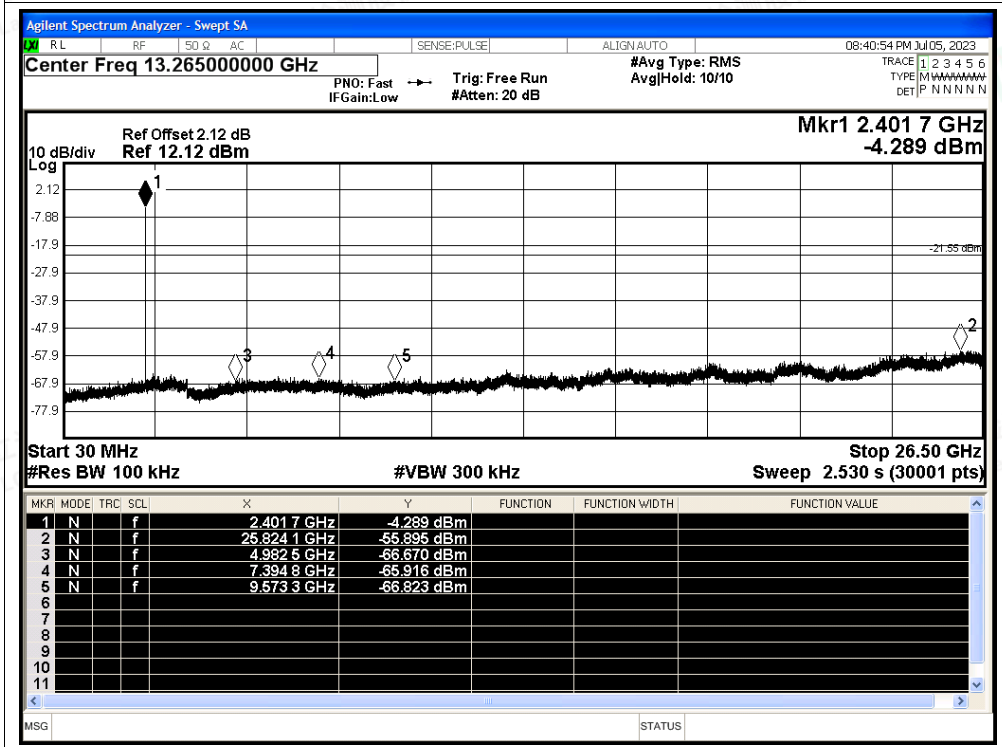




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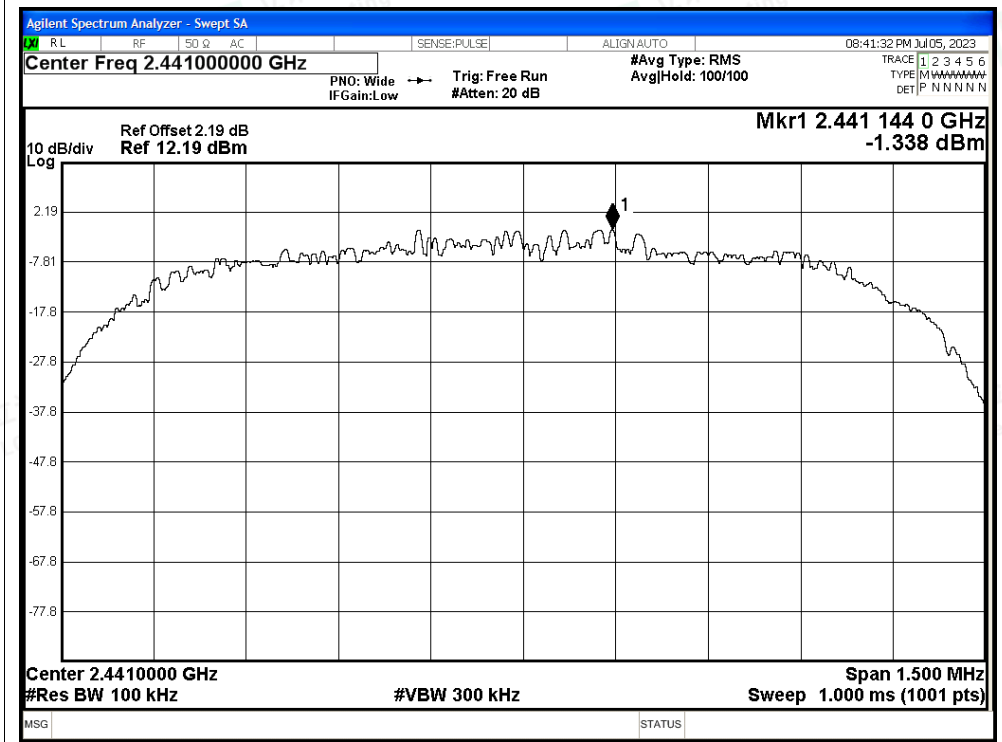


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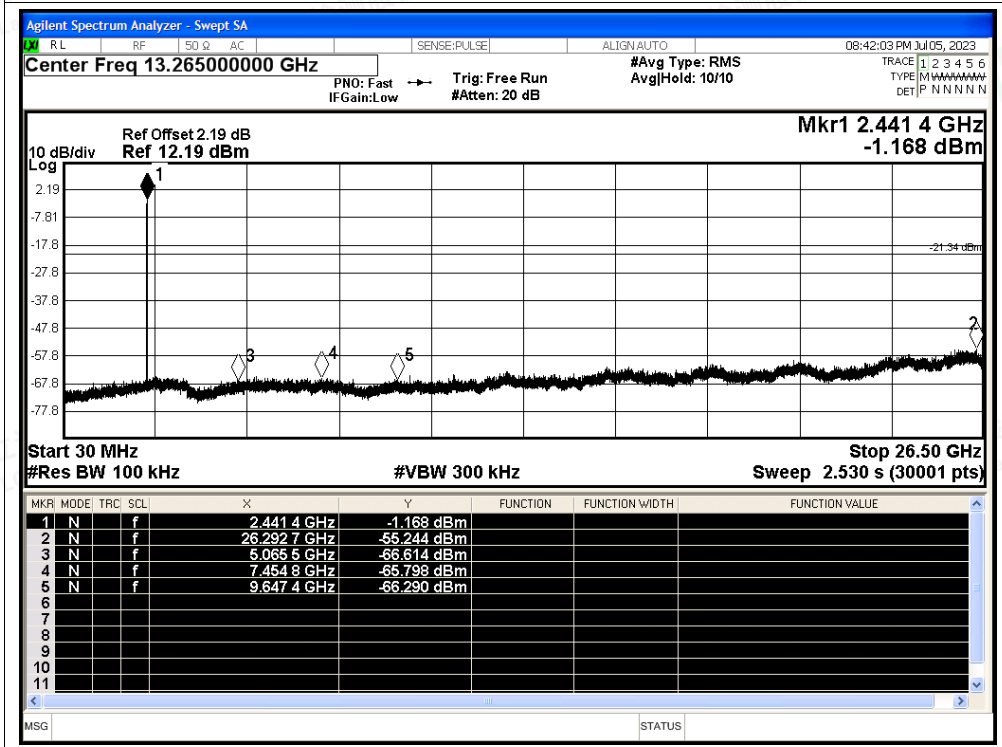




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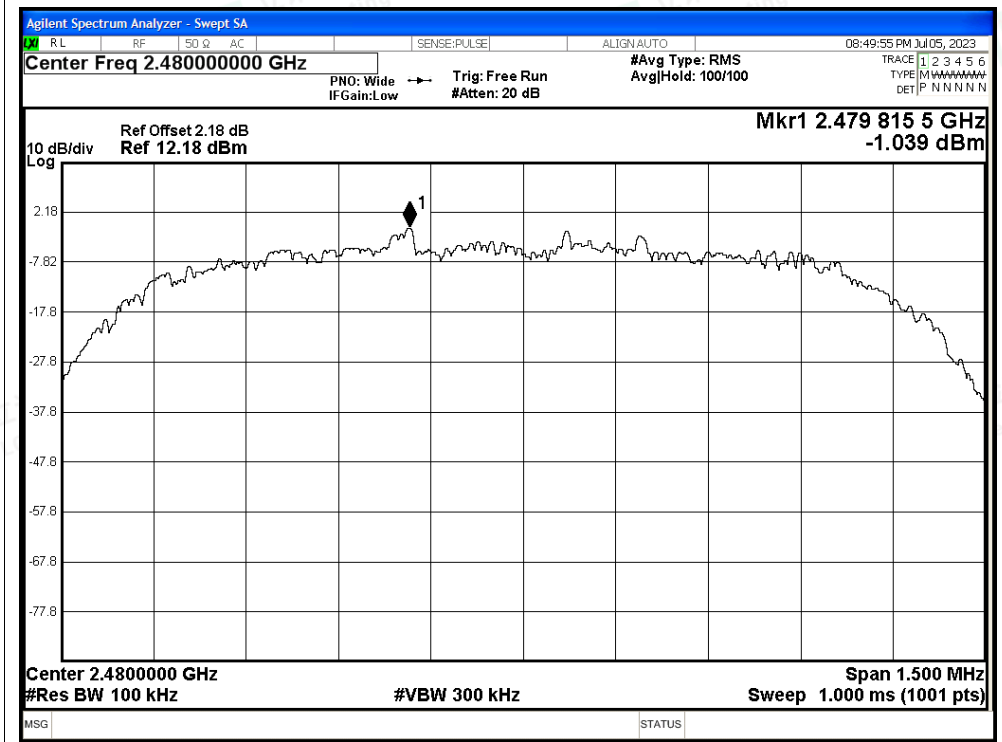


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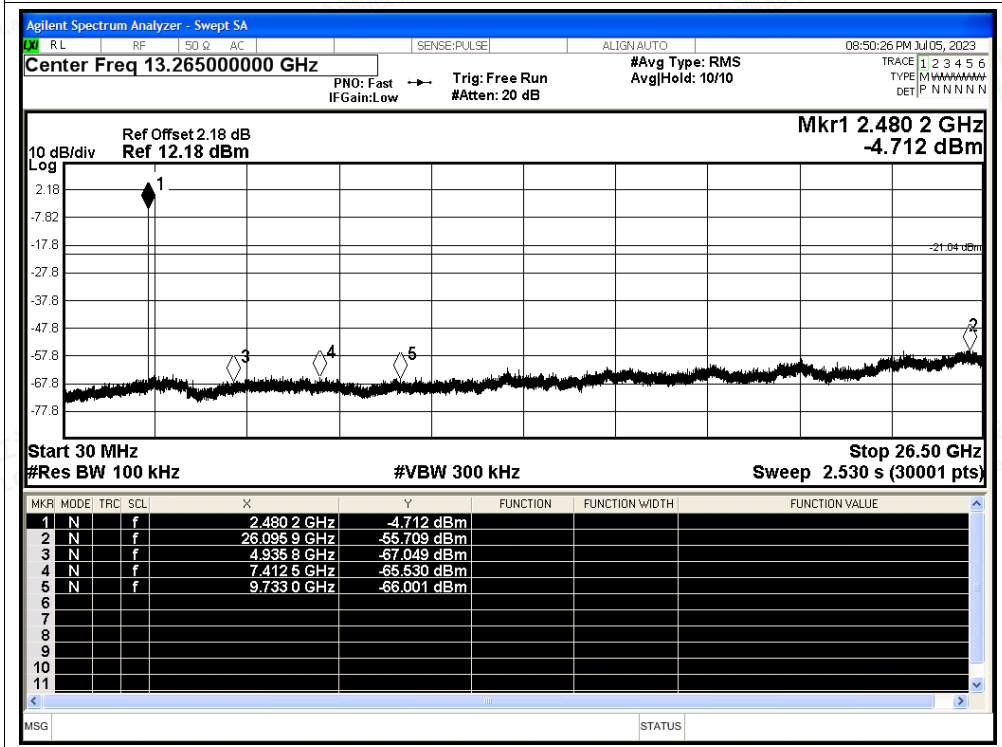




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission





A.8 Restrict Band

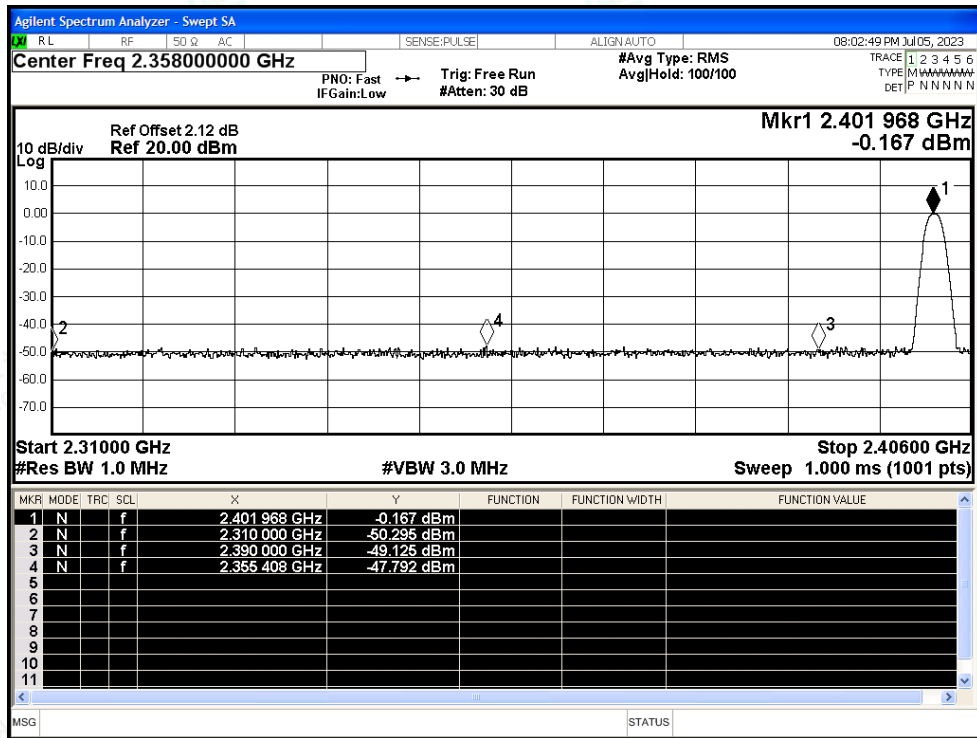
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.3	2	46.96	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.1	2	39.16	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2355.408	-47.79	2	49.47	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2387.568	-57.49	2	39.77	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.13	2	48.13	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.76	2	39.5	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.59	2	47.67	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-55.84	2	41.42	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2494.336	-47.39	2	49.87	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-55.84	2	41.42	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.21	2	47.05	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.29	2	39.97	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.7	2	46.56	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.05	2	39.21	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2351.184	-47.7	2	49.56	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2382.768	-57.51	2	39.75	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.76	2	47.5	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.66	2	39.6	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.14	2	49.12	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-56.28	2	40.98	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2498.944	-46.32	2	50.94	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-56.28	2	40.98	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-51.25	2	46.01	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.21	2	40.05	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.8	2	47.46	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58	2	39.26	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2365.104	-47.16	2	50.1	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2384.496	-57.52	2	39.74	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-51.65	2	45.61	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.65	2	39.61	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.76	2	47.5	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-55.57	2	41.69	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2498.584	-47.25	2	50.01	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-55.57	2	41.69	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.35	2	46.91	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.24	2	40.02	Average	54	Pass



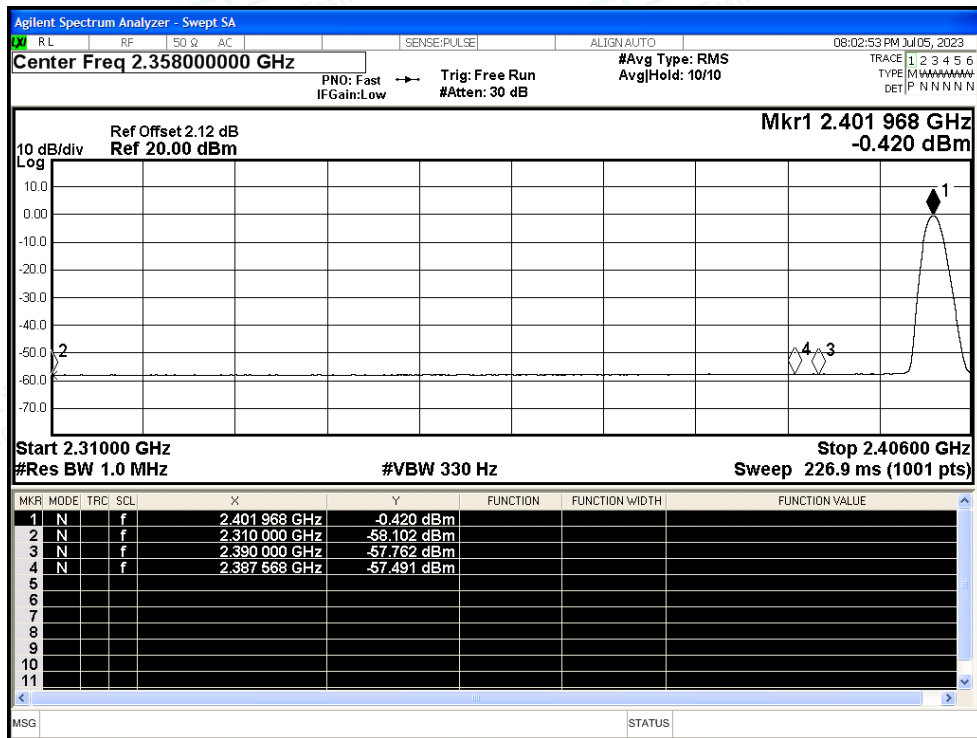


Test Graphs

Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak

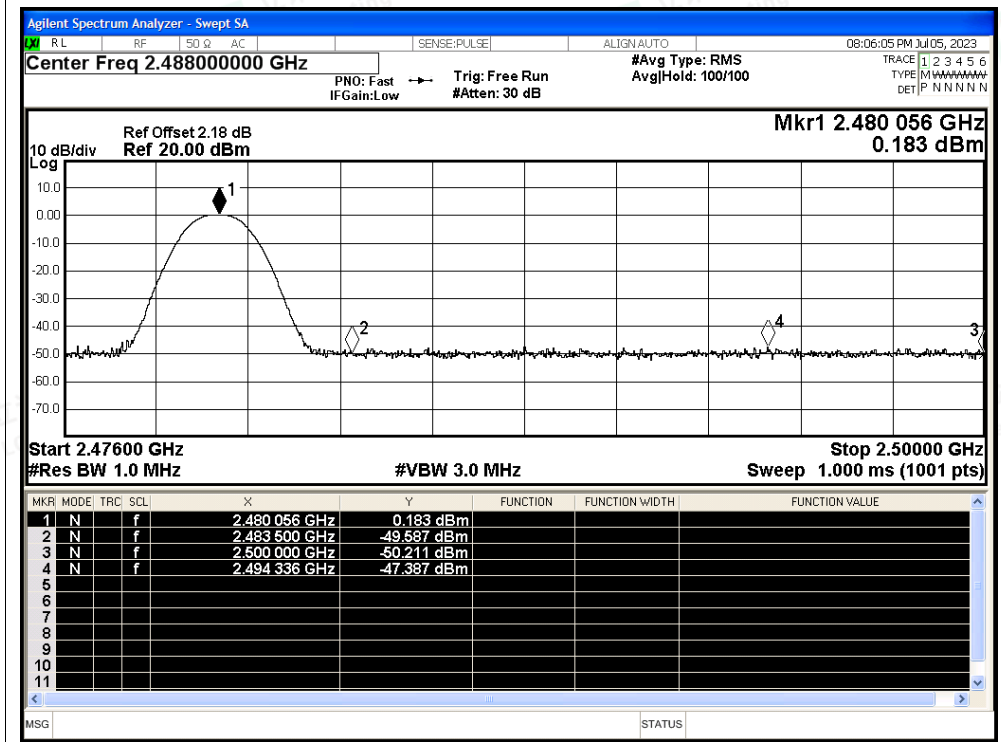


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

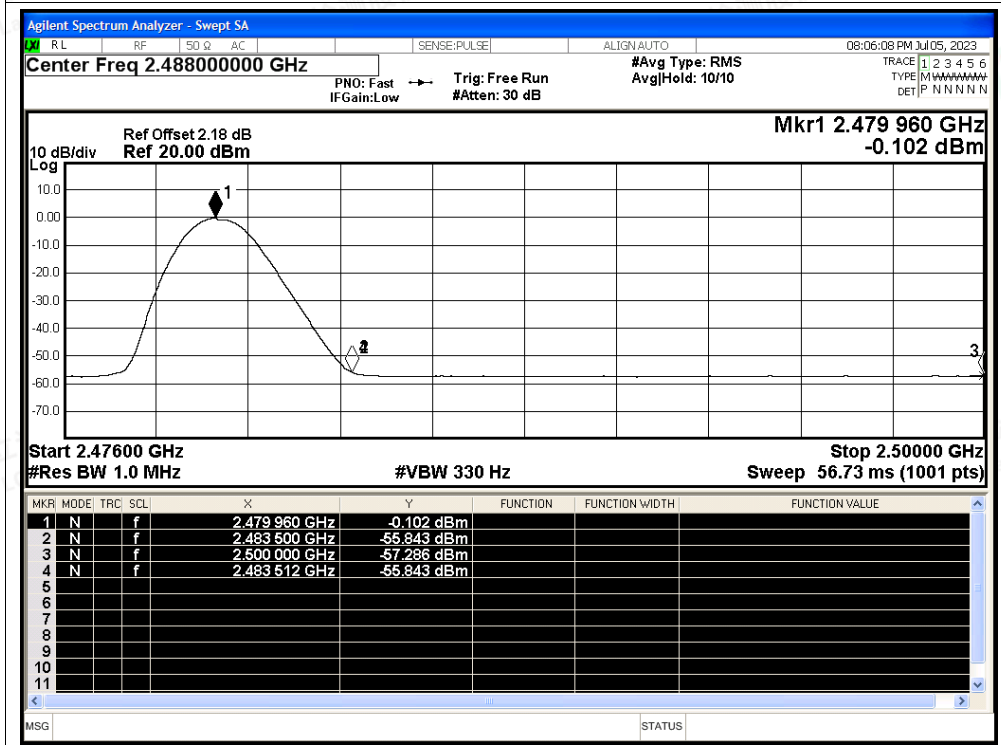




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

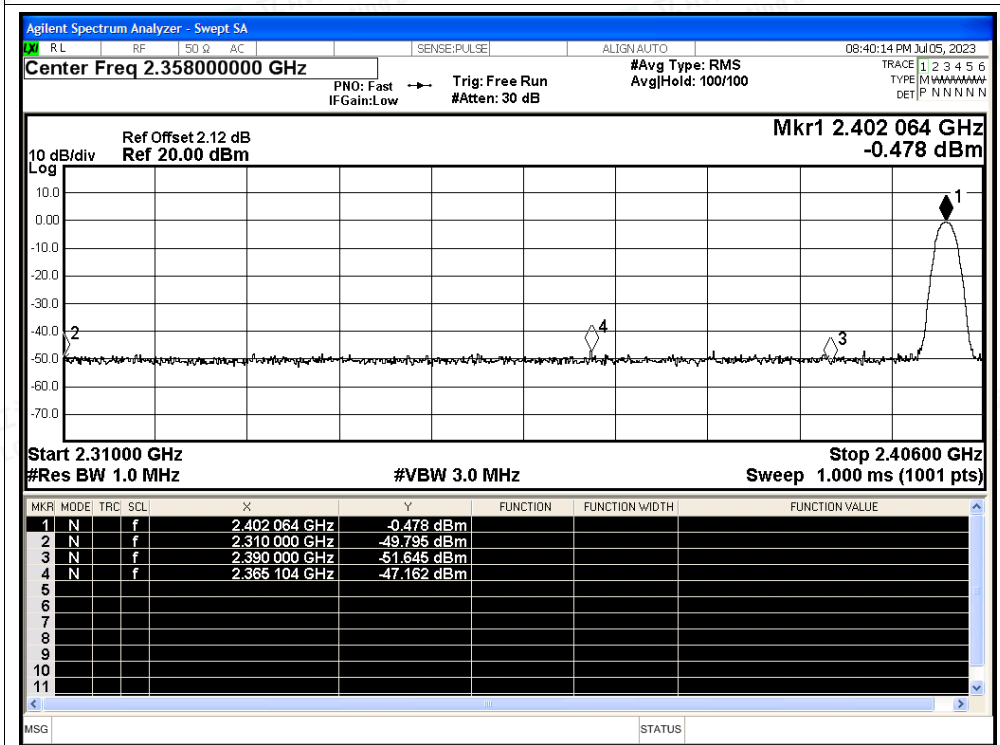


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

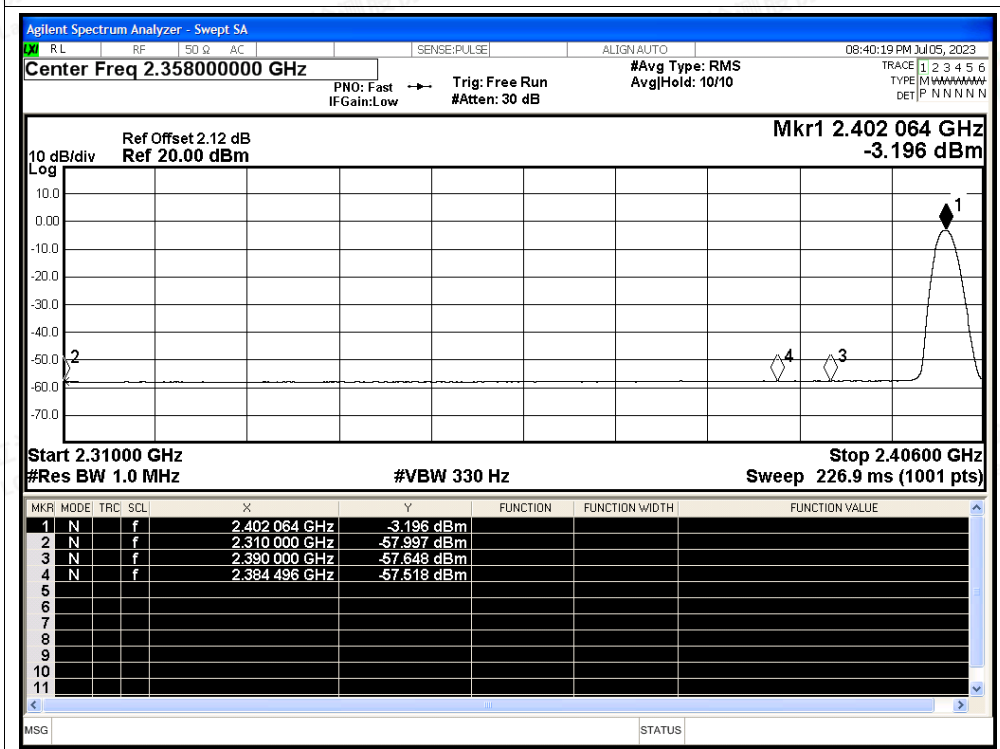




Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

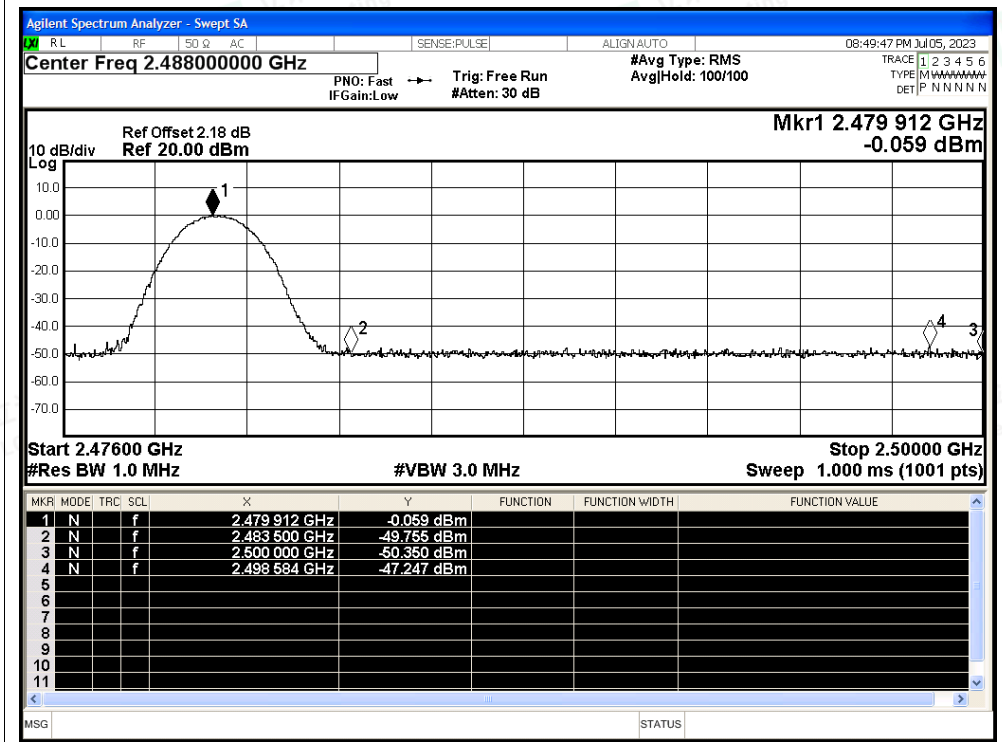


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average

