



## Appendix A

### RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: 01-10967

#### Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
	<i>Nick Peng</i>
Supervised by:	Ling Zhu
	<i>Ling Zhu</i>





### A.1 -20dB Bandwidth

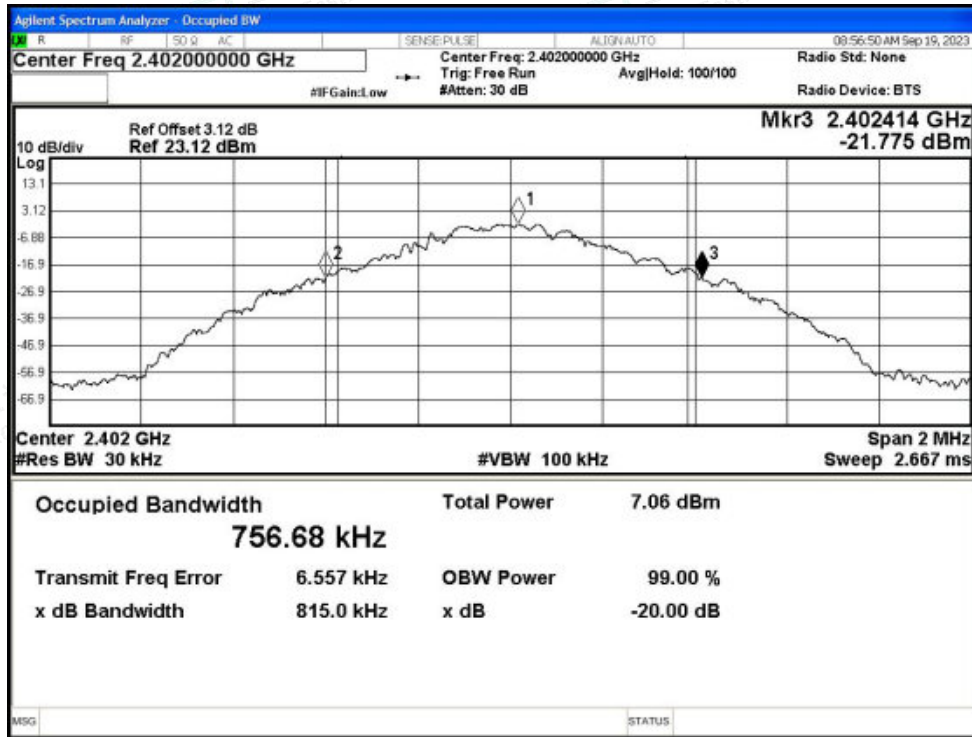
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.815	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.841	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.833	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.275	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.283	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.275	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.277	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.259	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.291	N/A	Pass



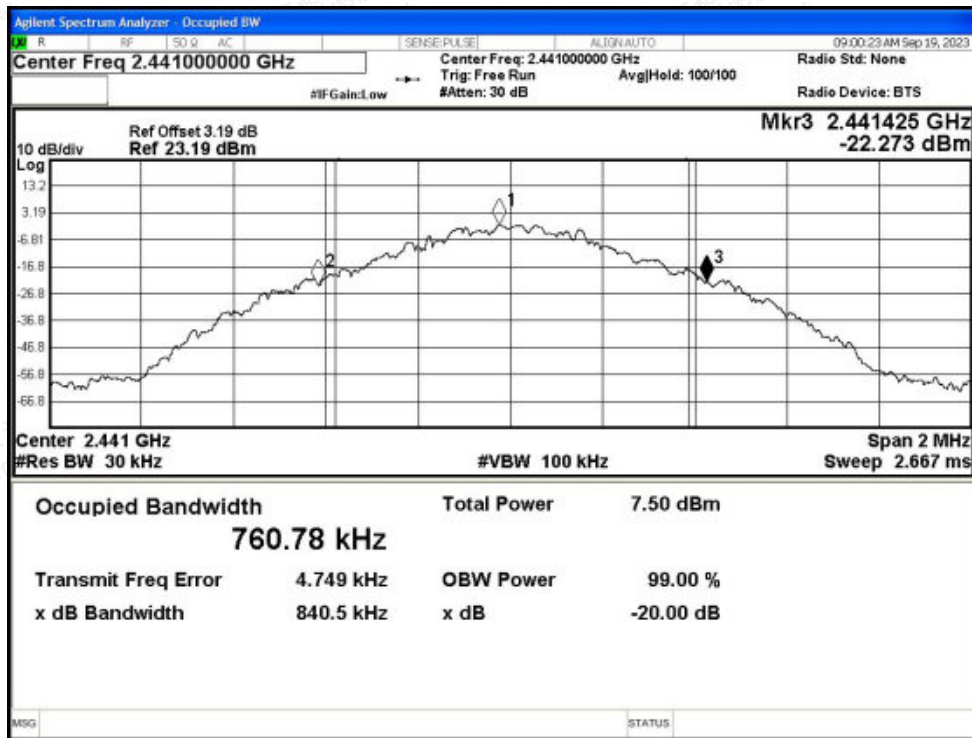


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



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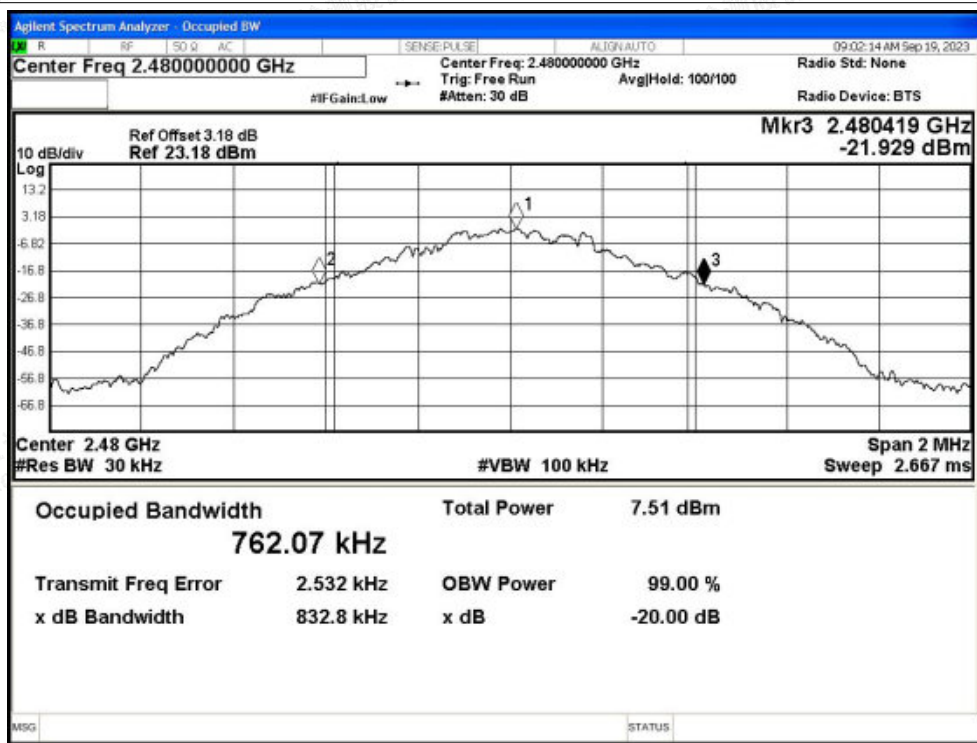
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1





-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



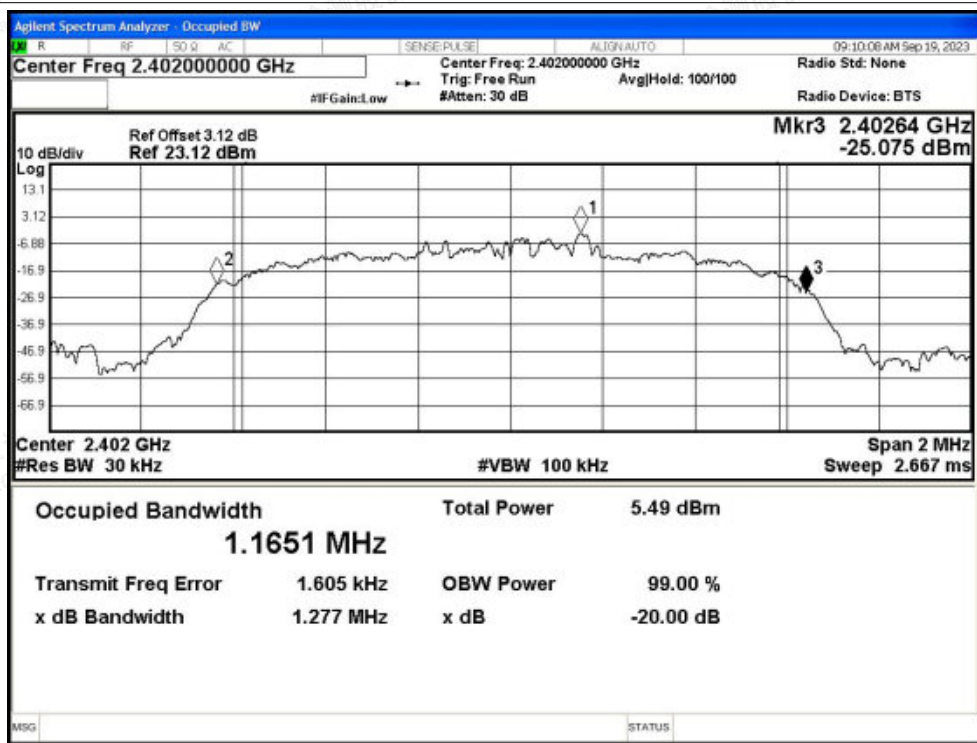
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



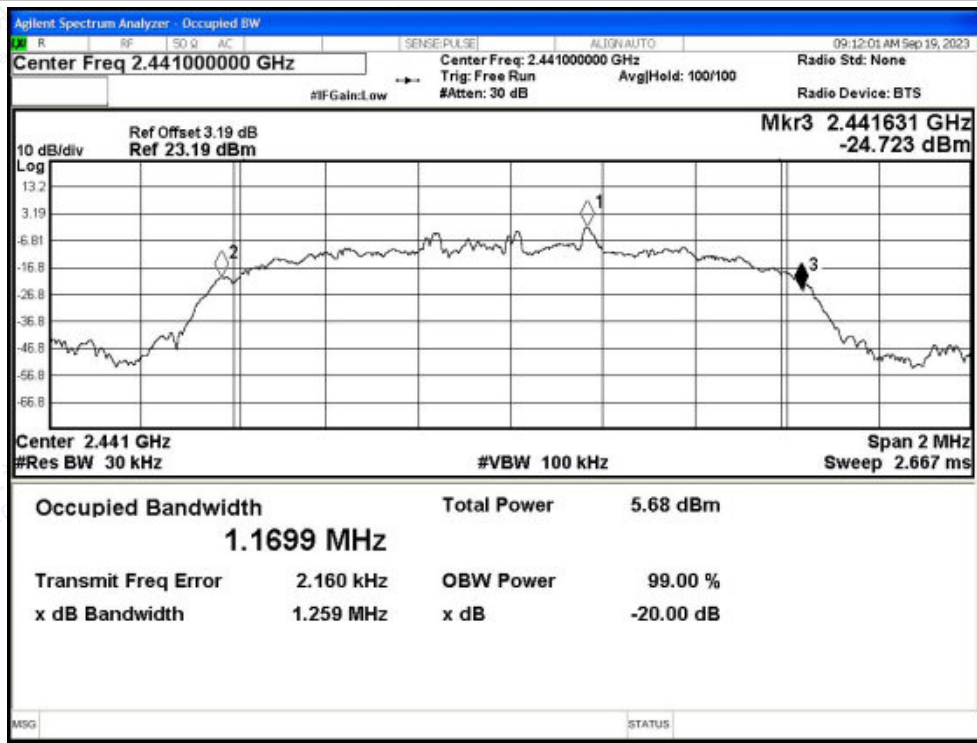




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1





## A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.09	21	Pass
NVNT	1-DH5	2441	Ant1	1.61	21	Pass
NVNT	1-DH5	2480	Ant1	1.73	21	Pass
NVNT	2-DH5	2402	Ant1	0.51	21	Pass
NVNT	2-DH5	2441	Ant1	0.91	21	Pass
NVNT	2-DH5	2480	Ant1	1.09	21	Pass
NVNT	3-DH5	2402	Ant1	0.53	21	Pass
NVNT	3-DH5	2441	Ant1	0.78	21	Pass
NVNT	3-DH5	2480	Ant1	1.06	21	Pass

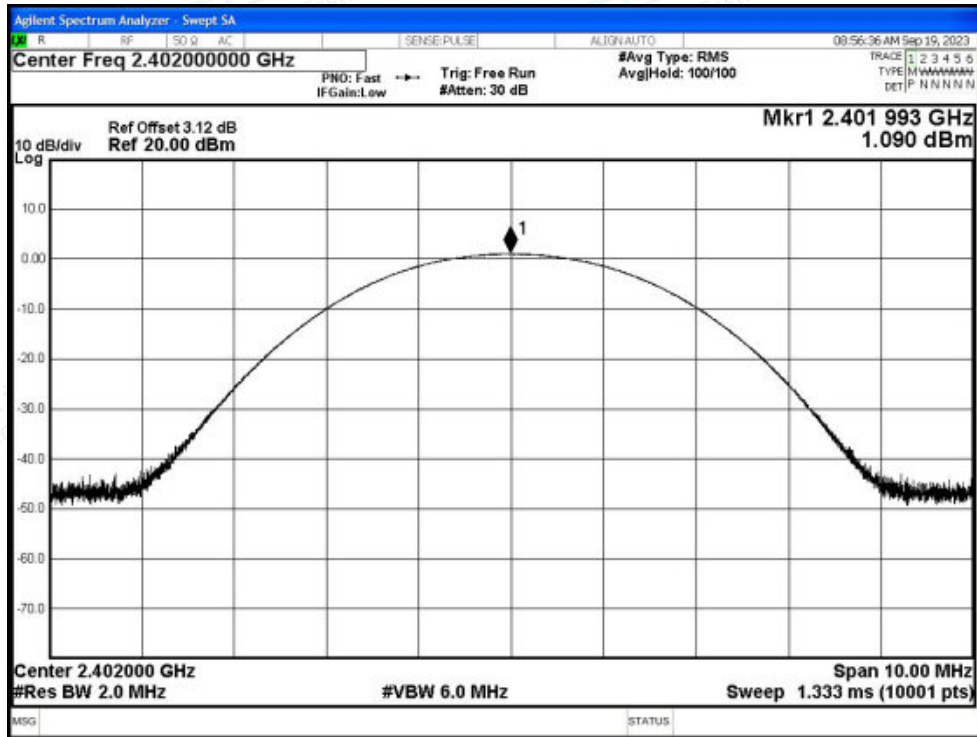




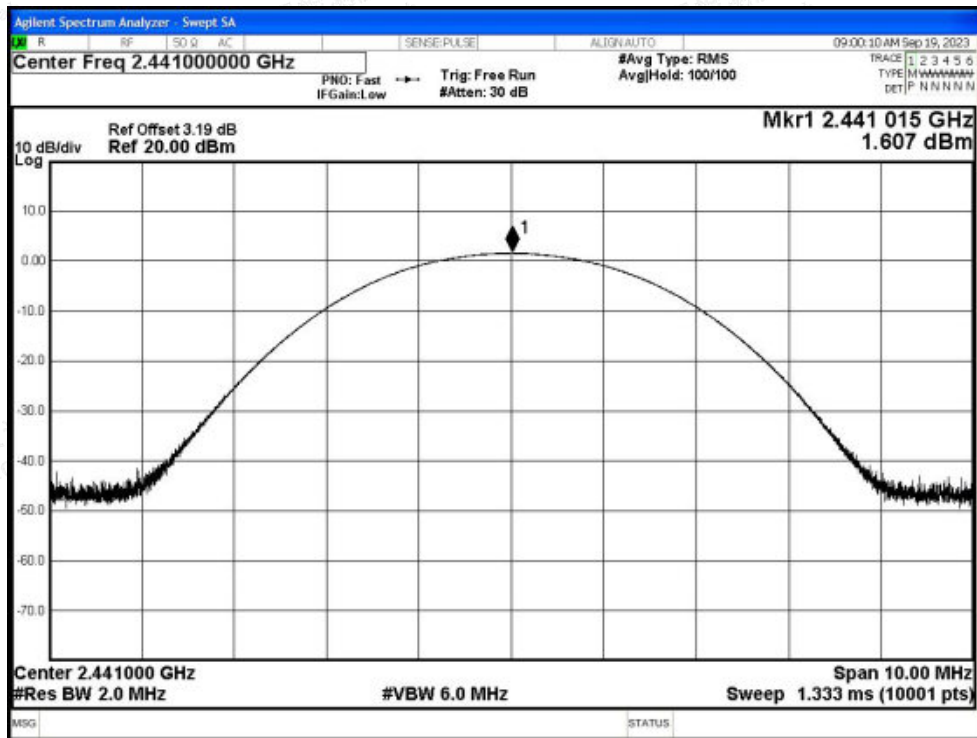


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

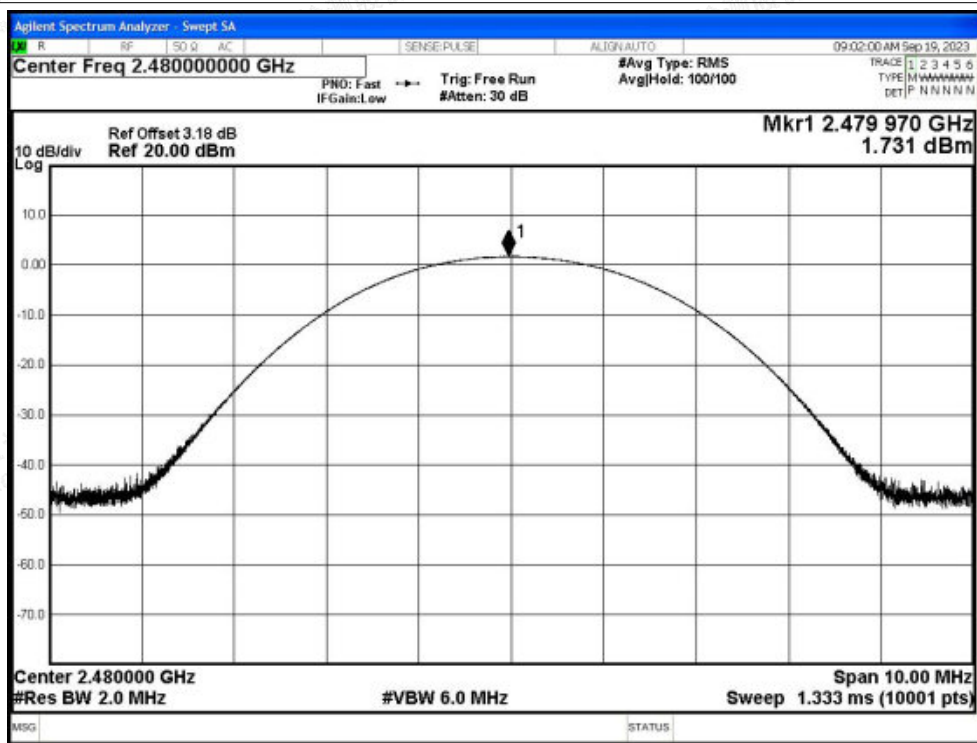


Power NVNT 1-DH5 2441MHz Ant1

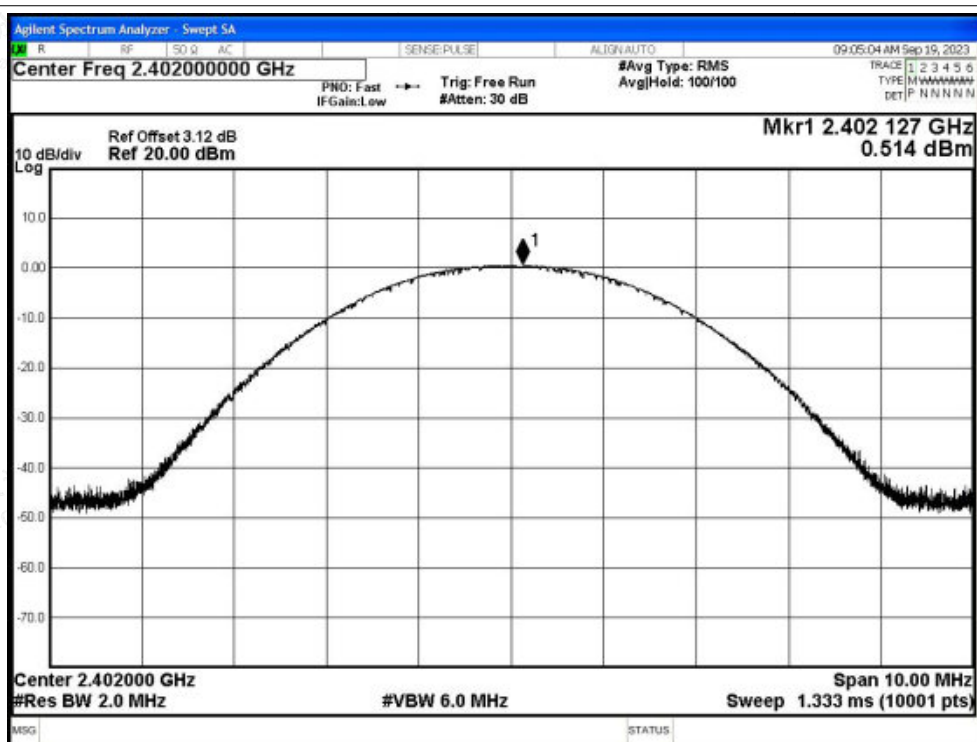




Power NVNT 1-DH5 2480MHz Ant1

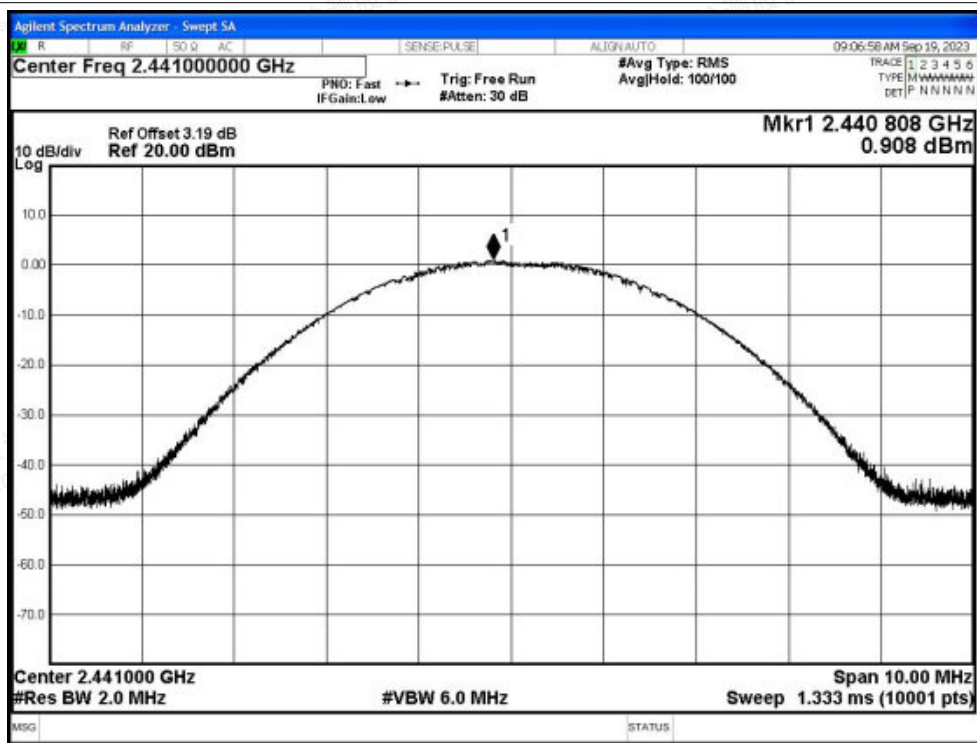


Power NVNT 2-DH5 2402MHz Ant1

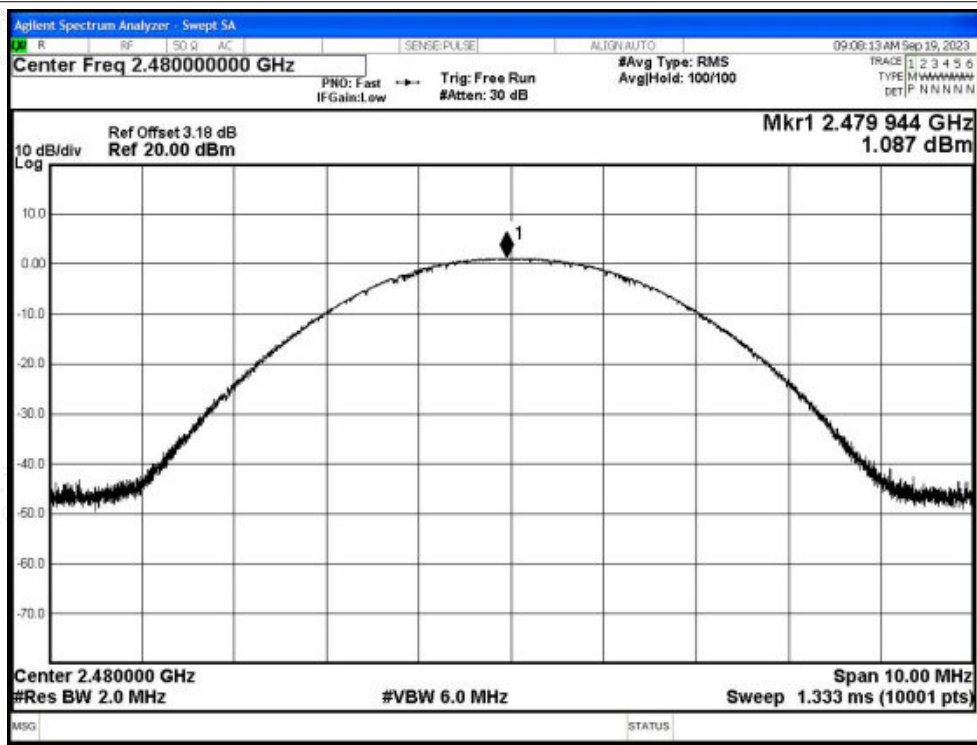




Power NVNT 2-DH5 2441MHz Ant1

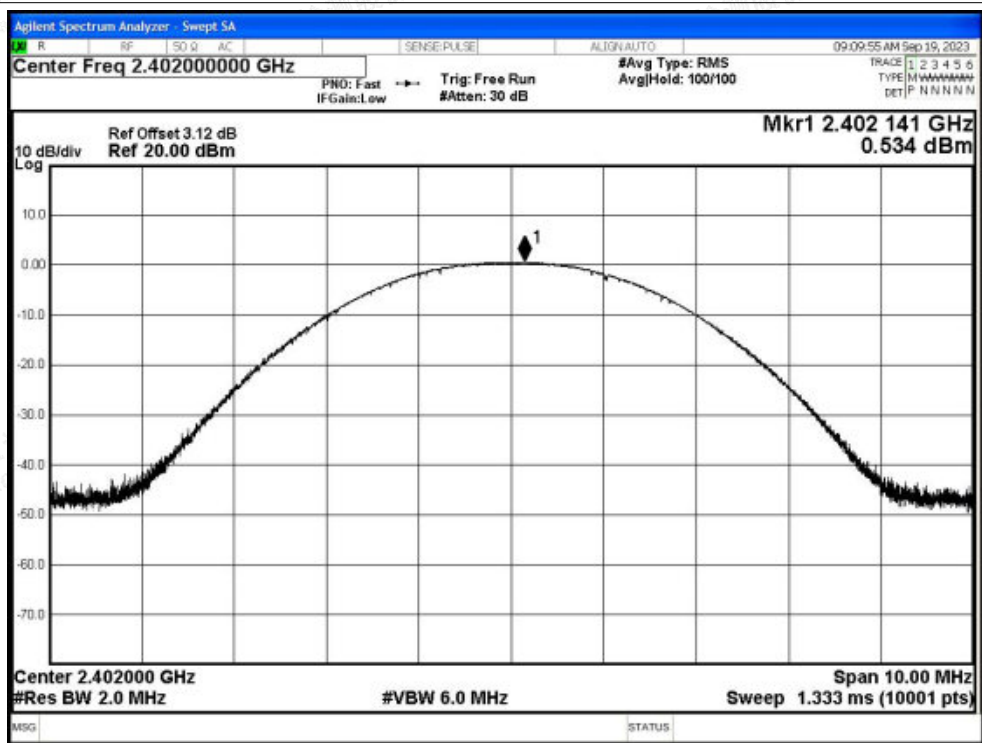


Power NVNT 2-DH5 2480MHz Ant1

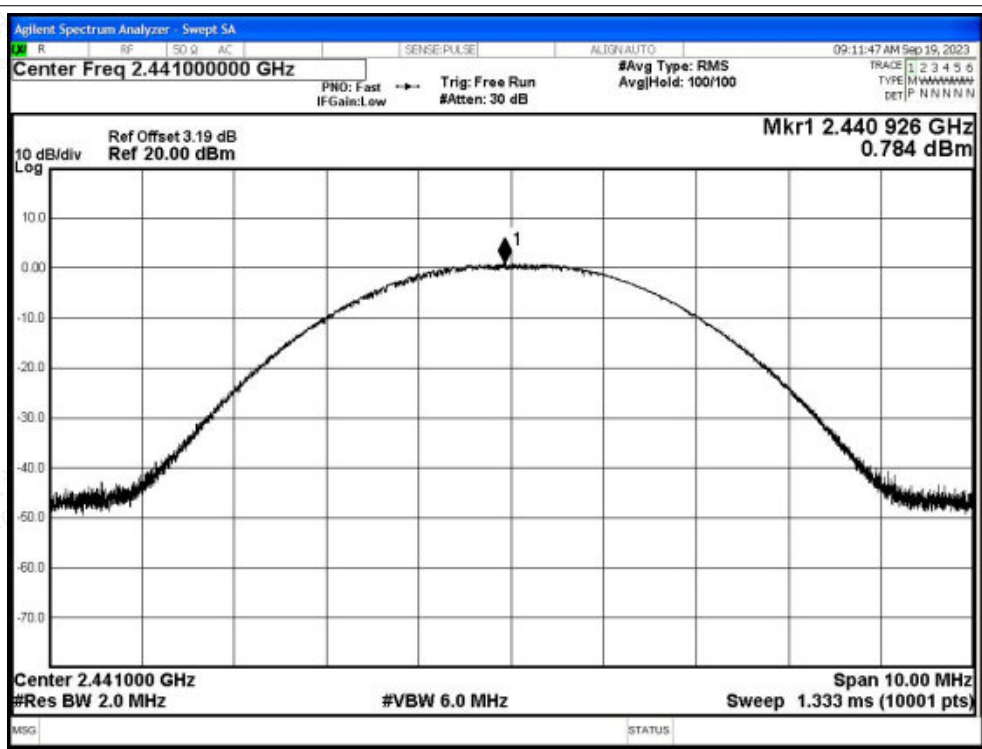


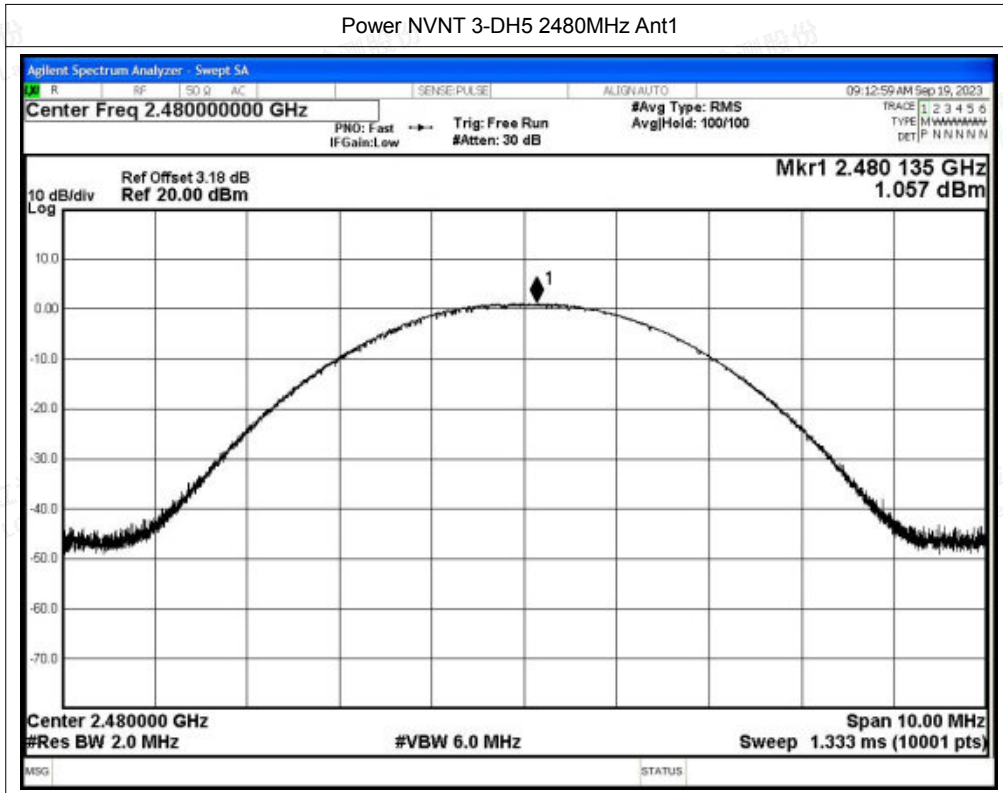


Power NVNT 3-DH5 2402MHz Ant1



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	2402.012	2402.99	0.978	0.561	Pass
NVNT	2-DH5	Ant1	2402.02	2403.008	0.988	0.855	Pass
NVNT	3-DH5	Ant1	2402.152	2403.162	1.01	0.861	Pass

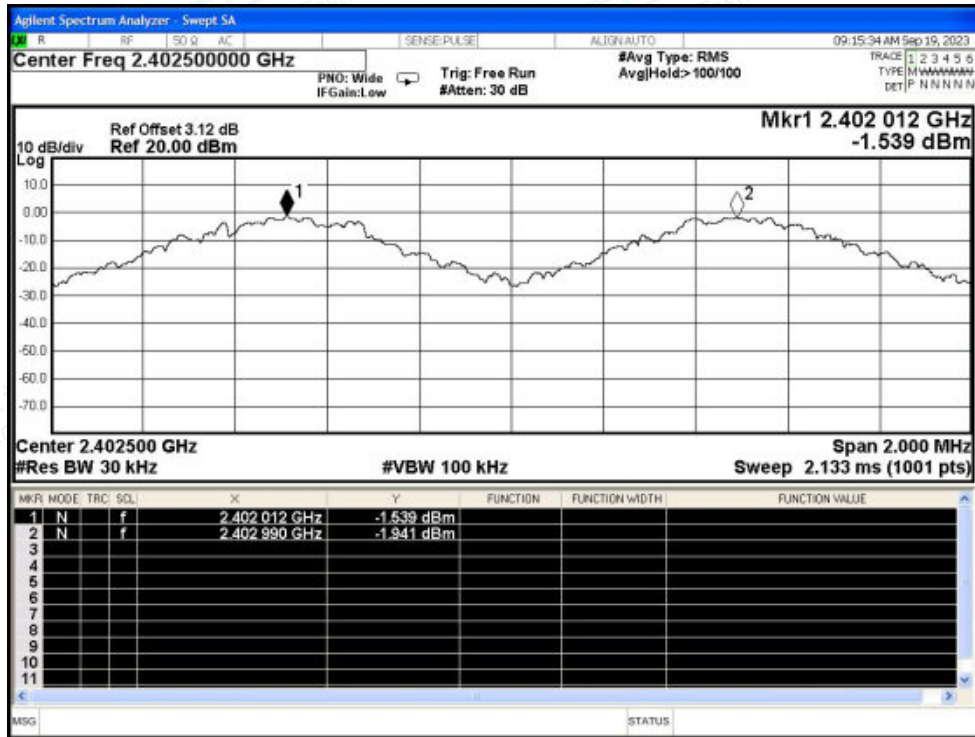




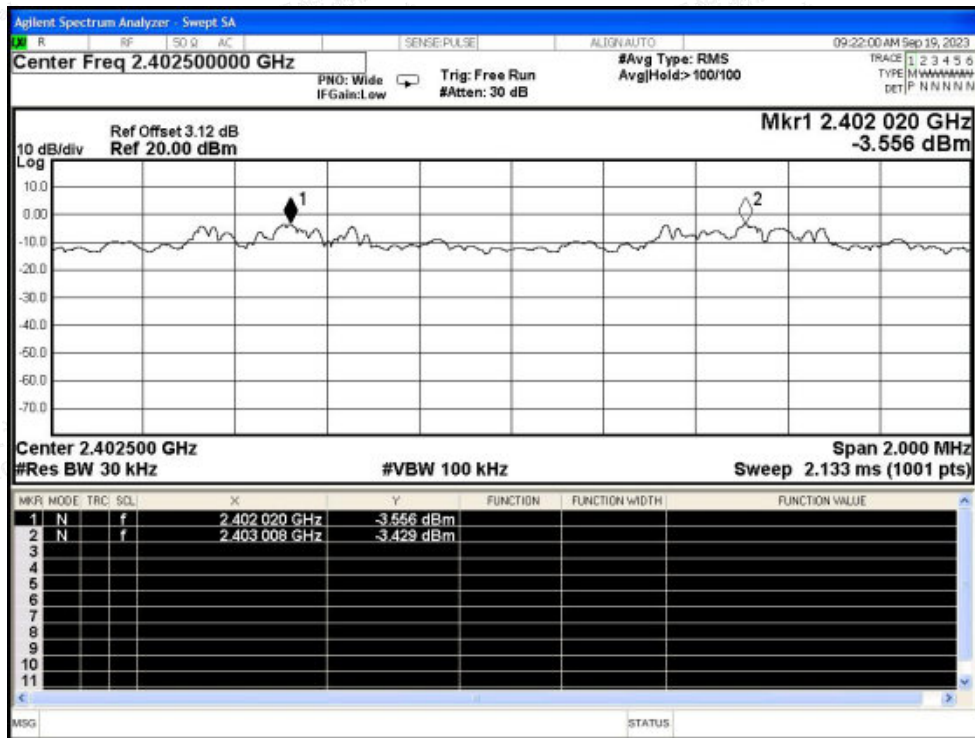


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1

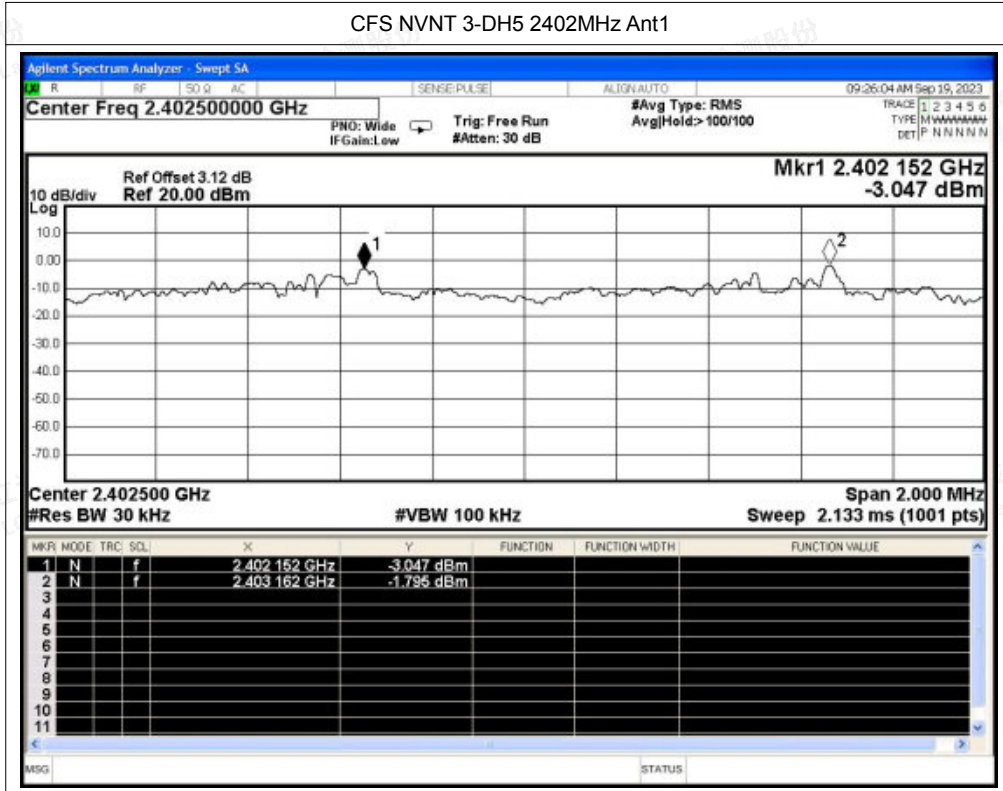


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Scan code to check authenticity





### A.4 Dwell Time

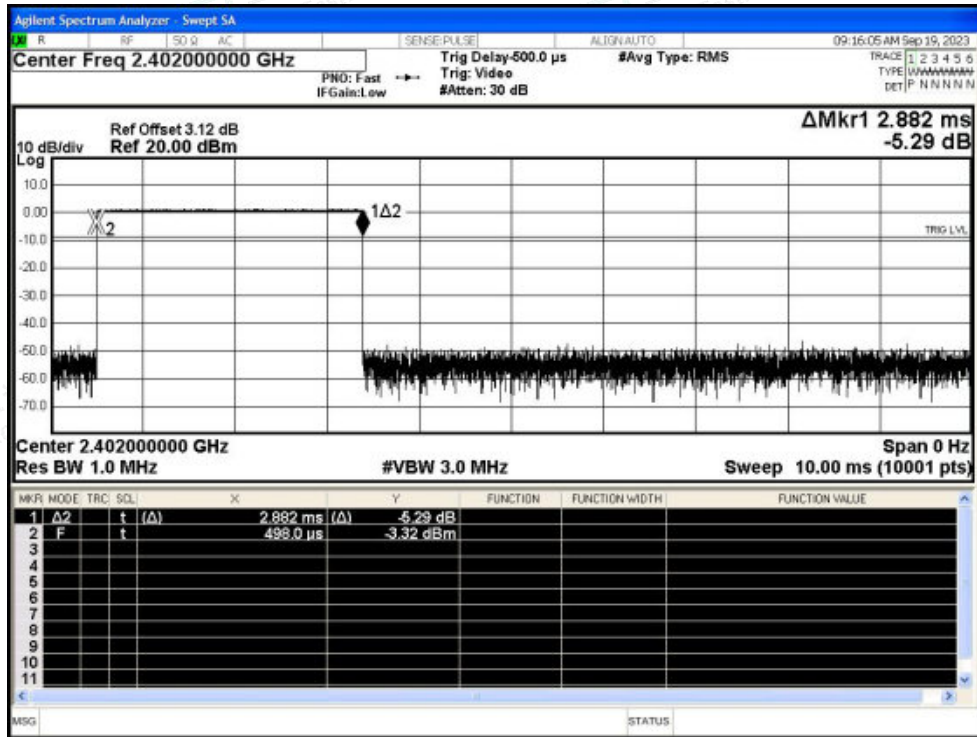
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	291.082	101	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	314.465	109	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	300.248	104	31600	400	Pass



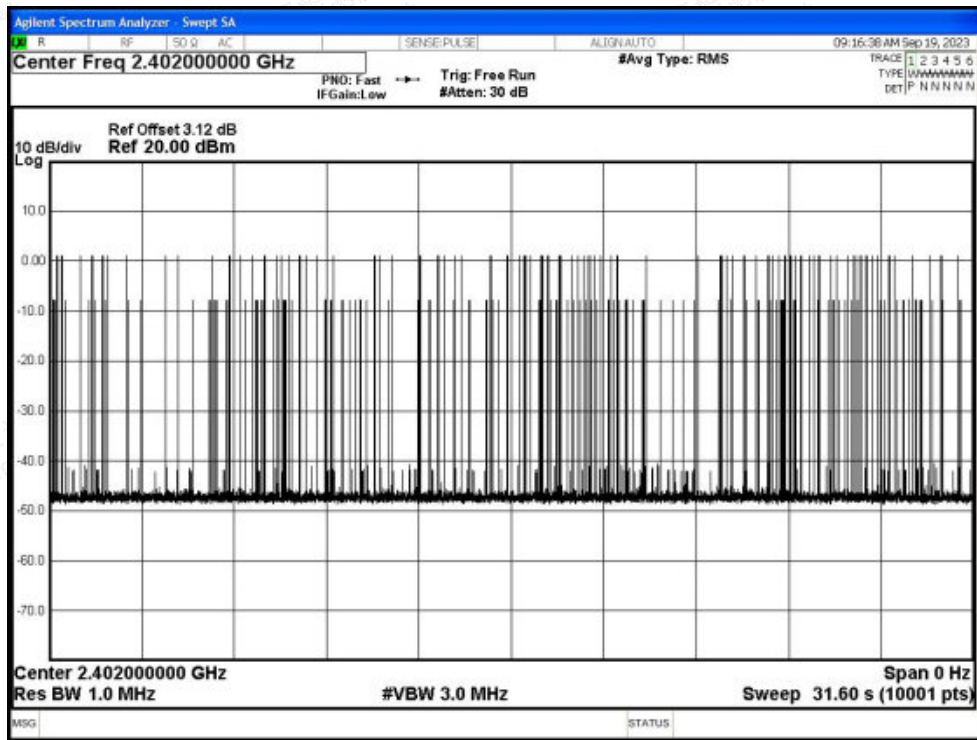


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

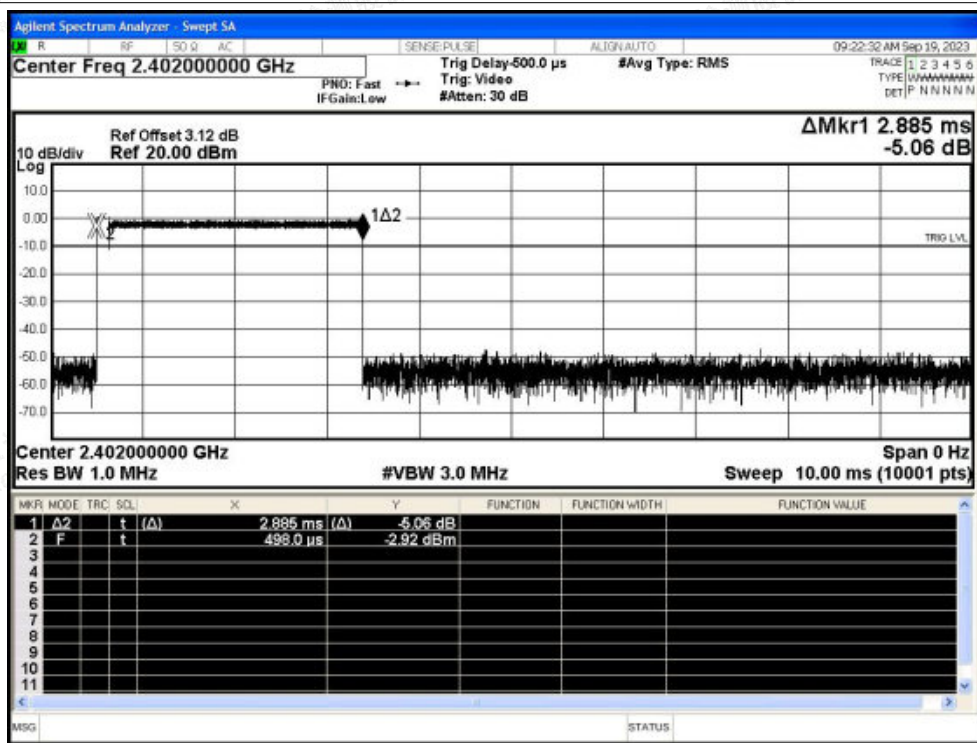
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

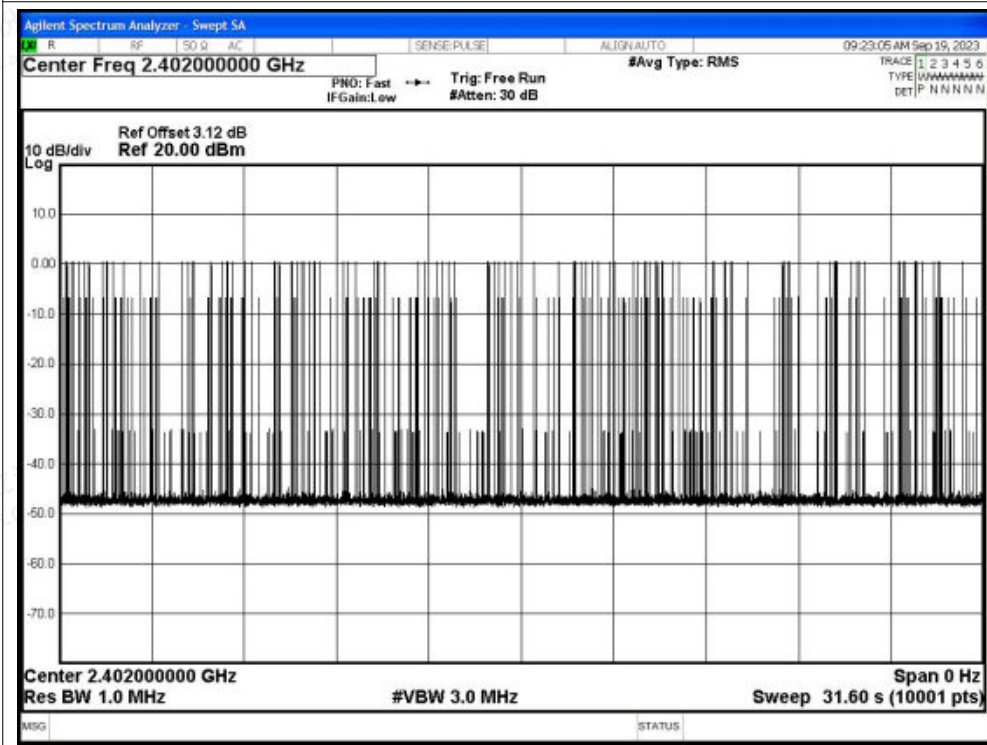
Scan code to check authenticity



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



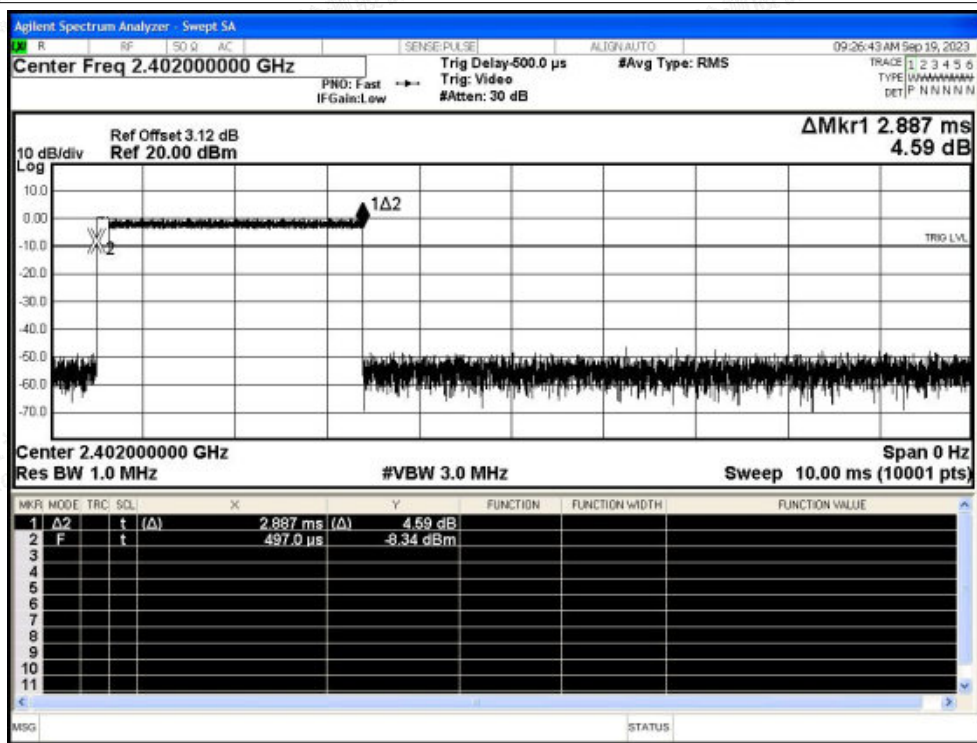
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



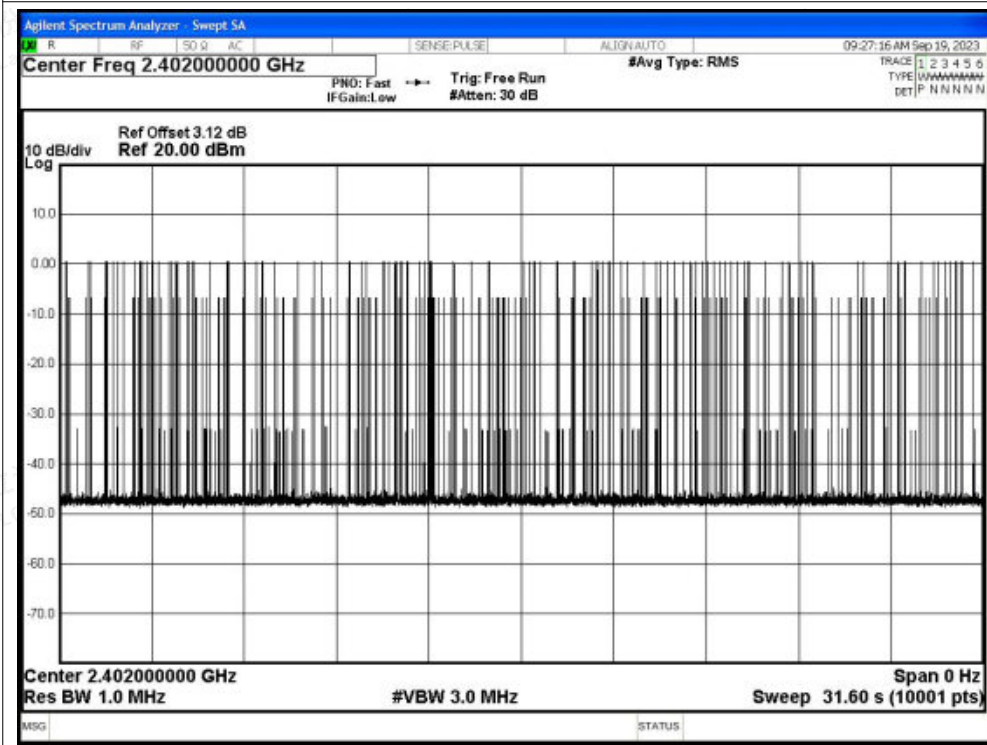




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated







## A.5 Number of Hopping Channel

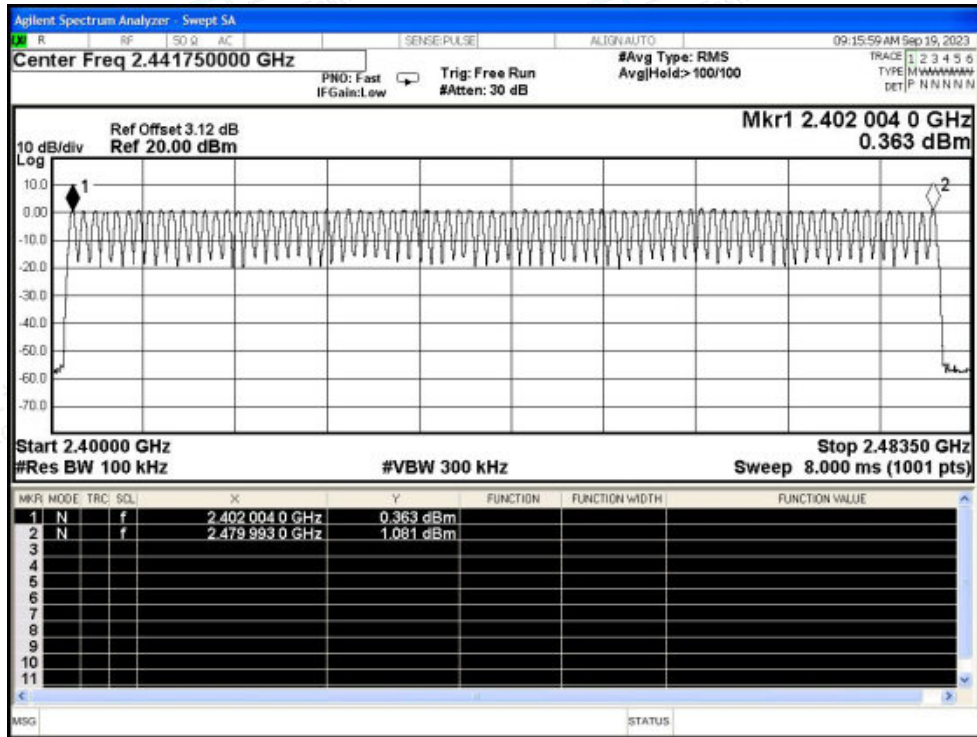
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



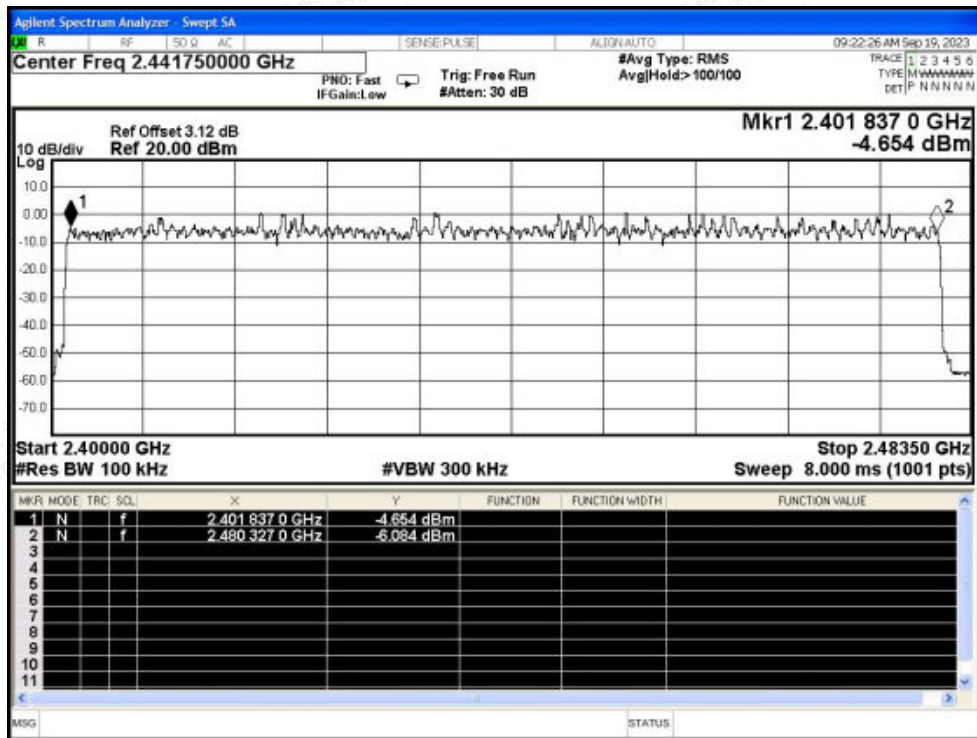


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

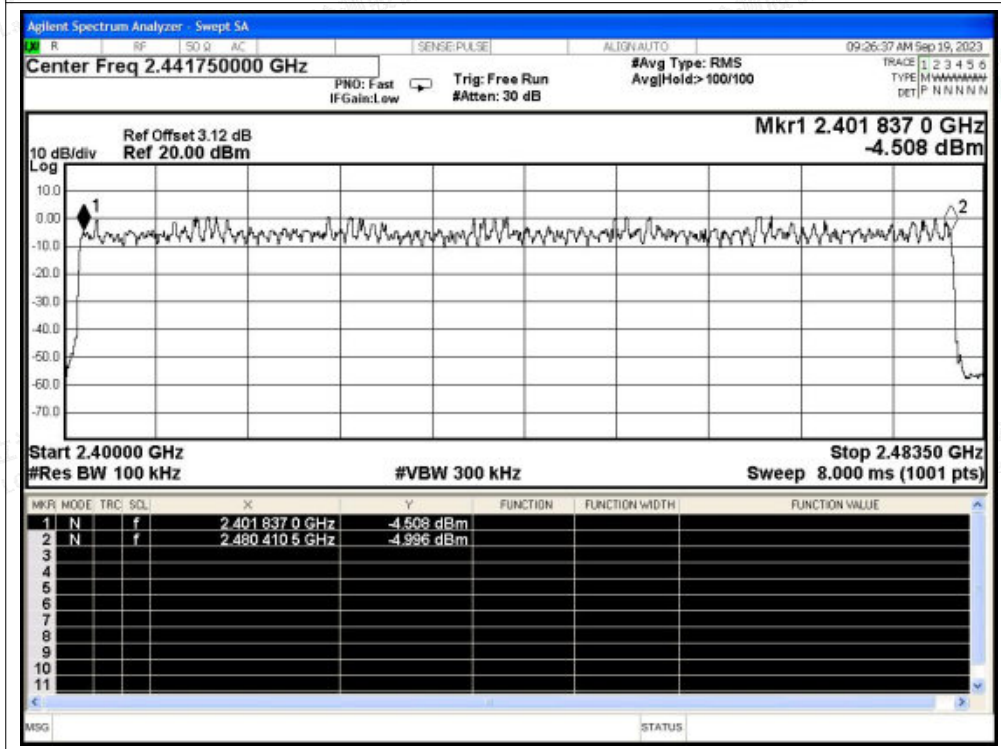


Hopping No. NVNT 2-DH5 2402MHz Ant1





Hopping No. NVNT 3-DH5 2402MHz Ant1





## A.6 Band Edge

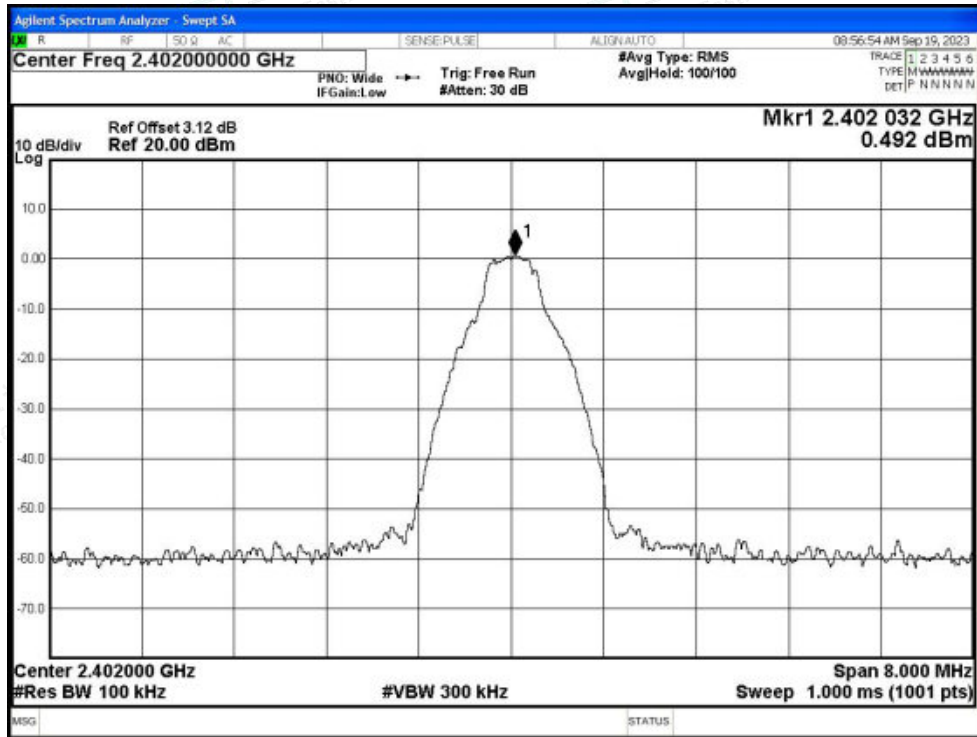
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.08	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.29	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.59	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.06	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-55.75	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.8	-20	Pass



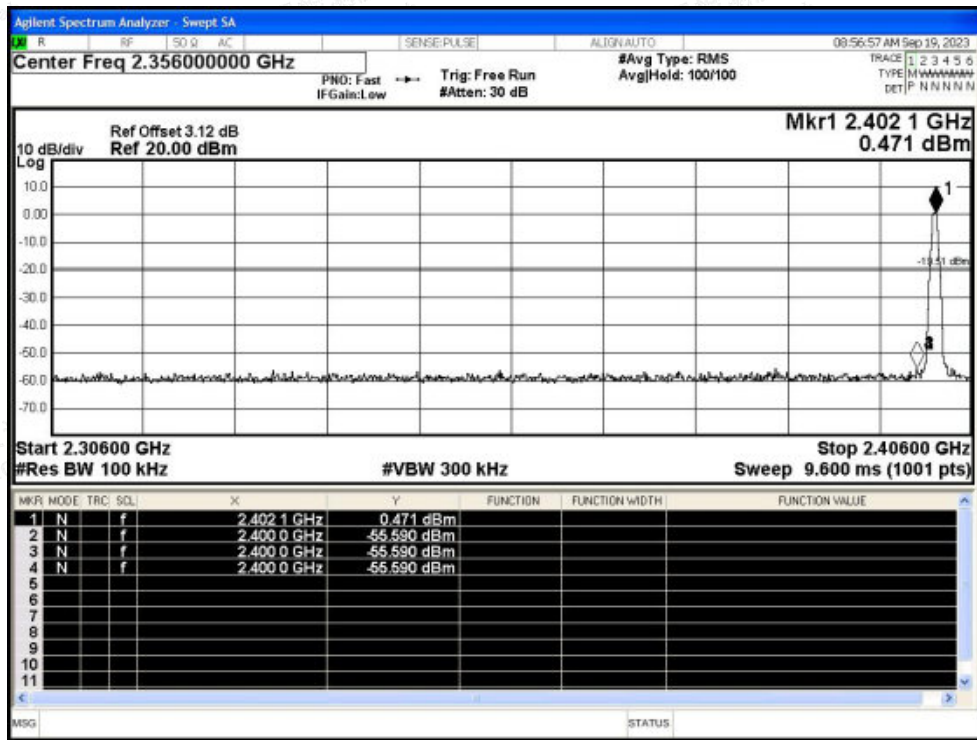


Test Graphs

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

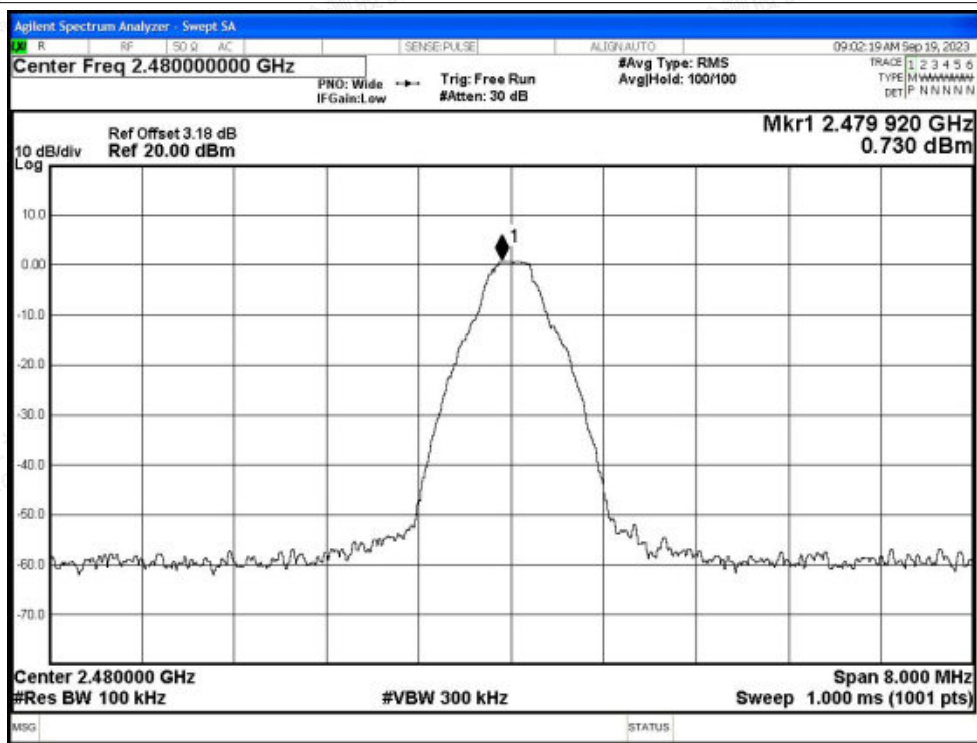


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

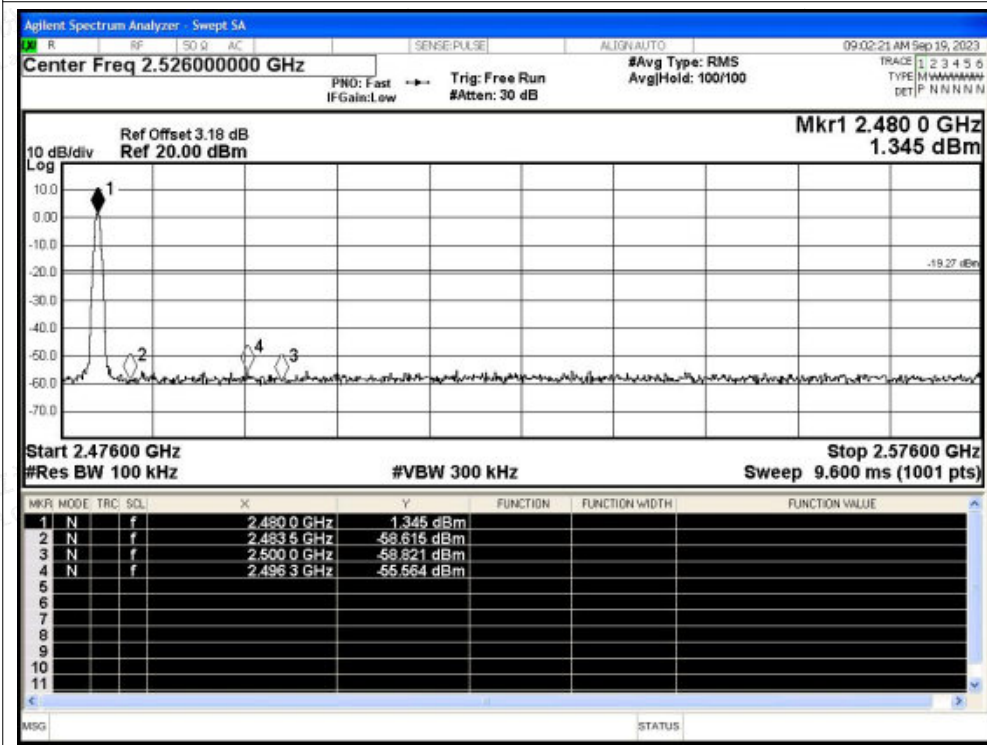




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



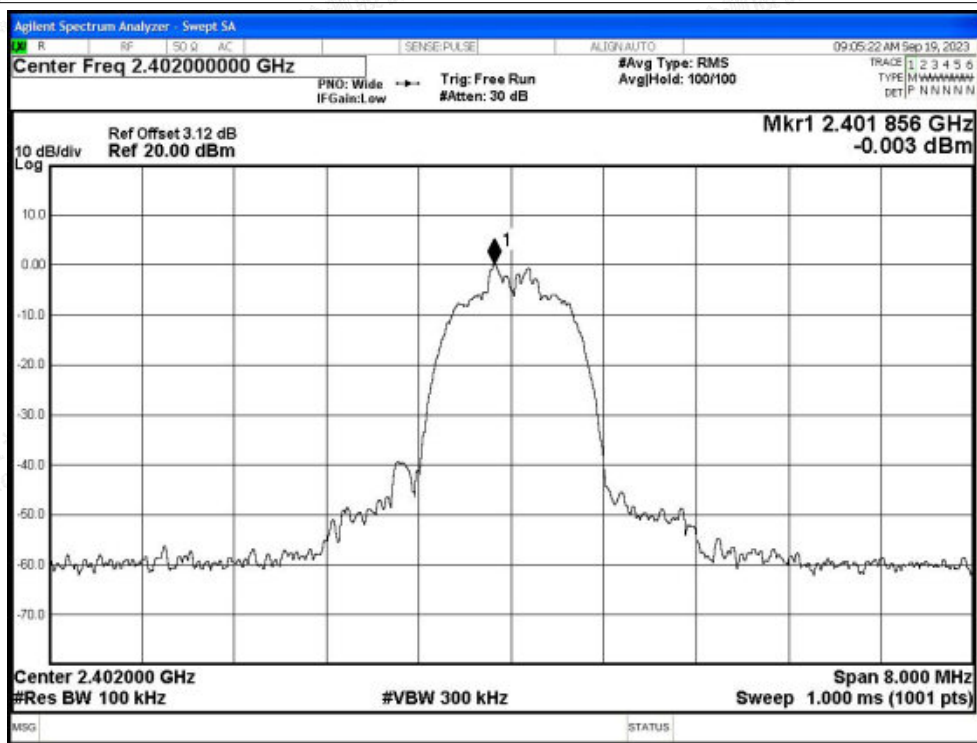
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



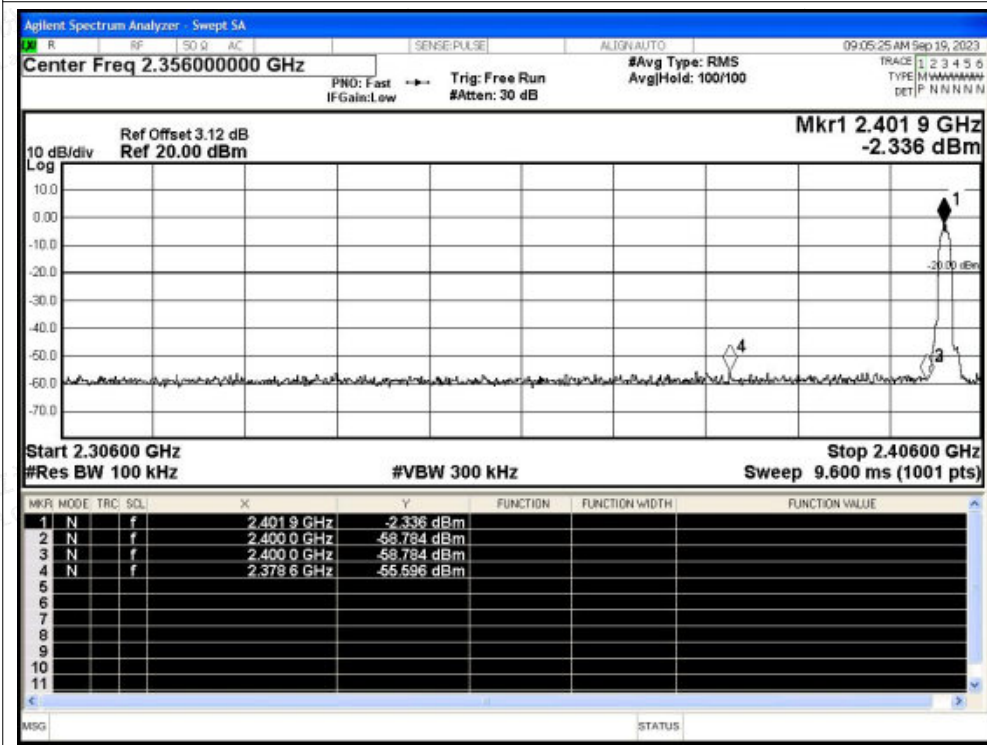




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

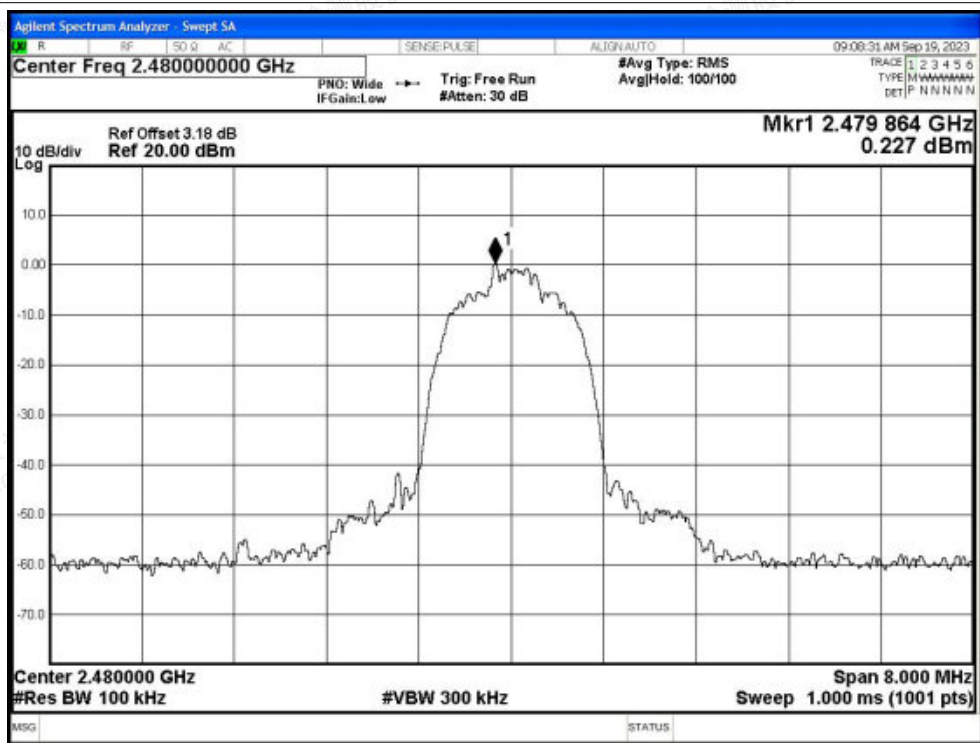


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

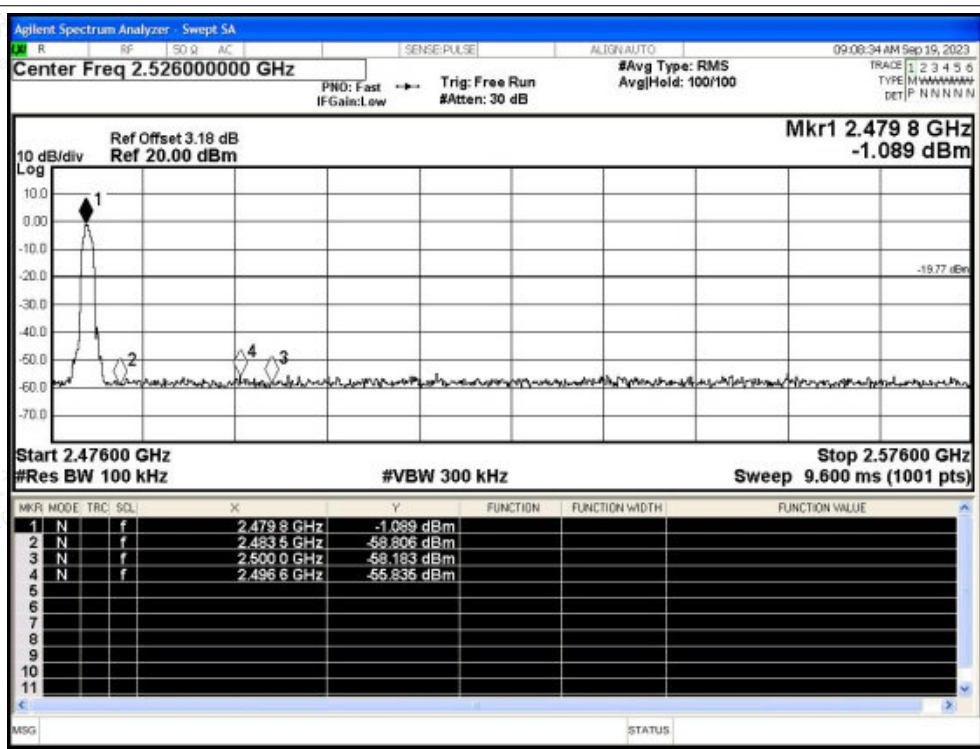




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

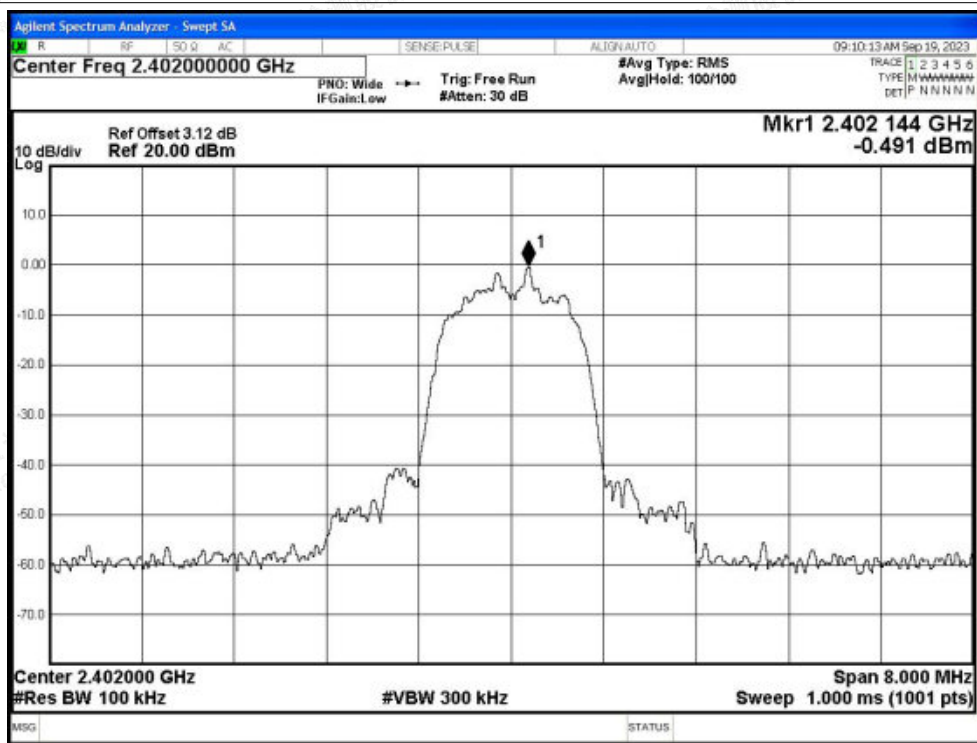


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

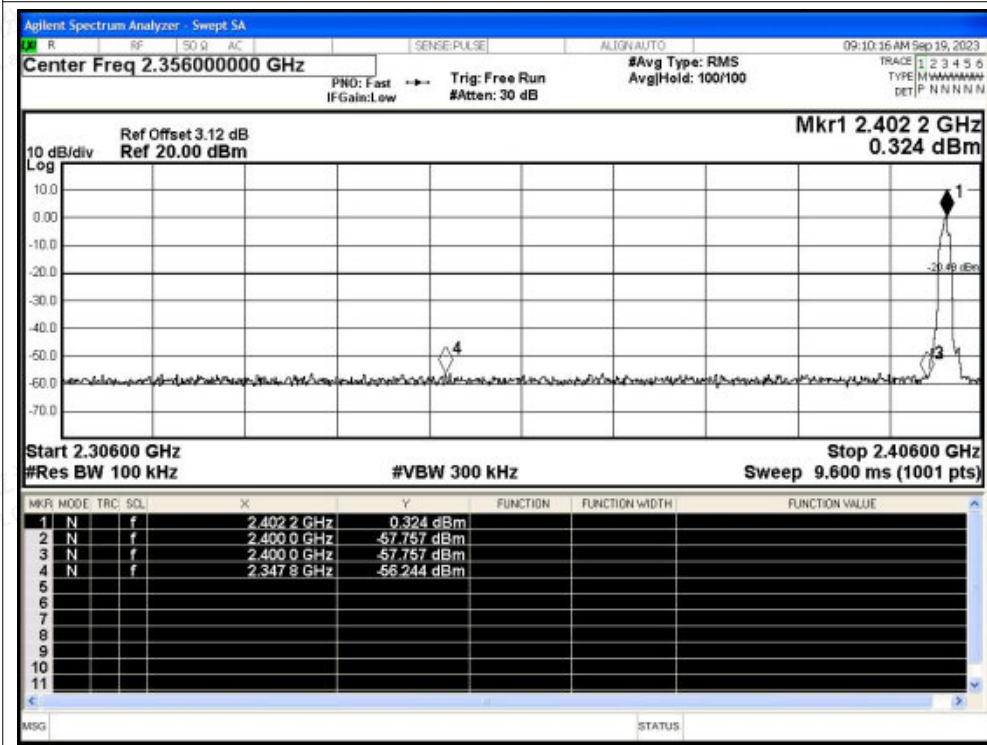




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

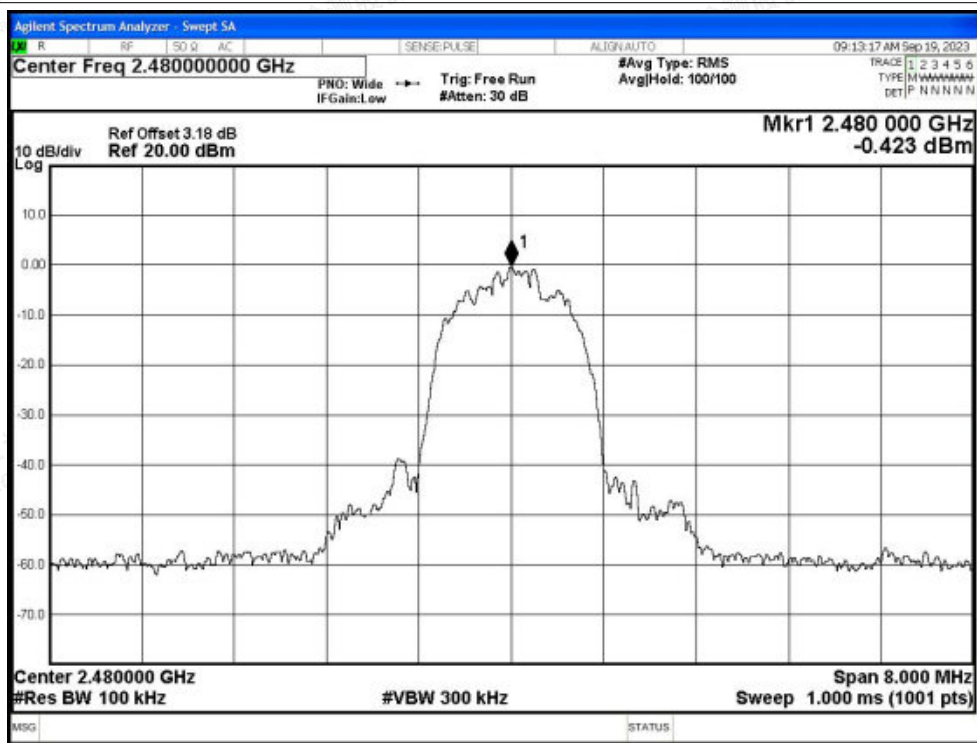


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

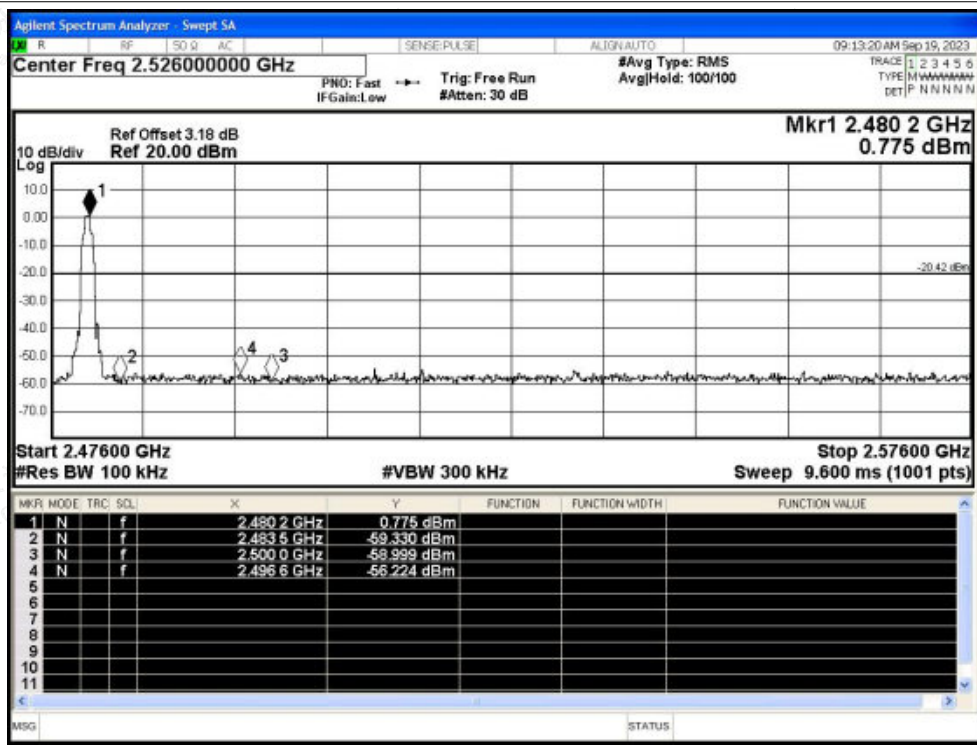




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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	-55.94	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-56.12	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.25	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.04	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.27	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-53.97	-20	Pass

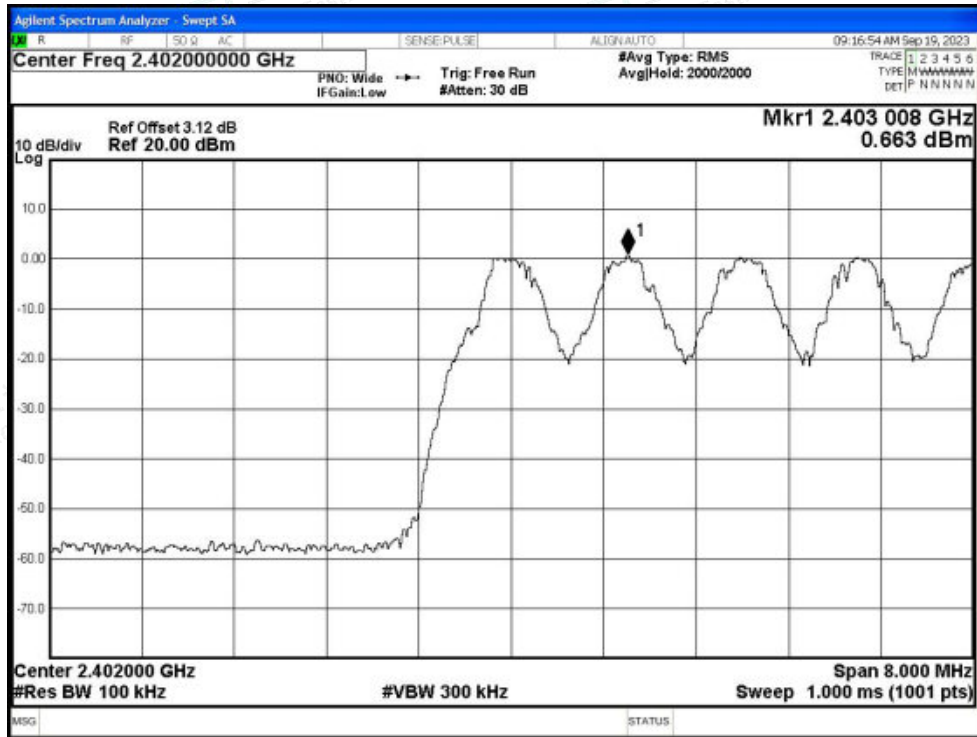




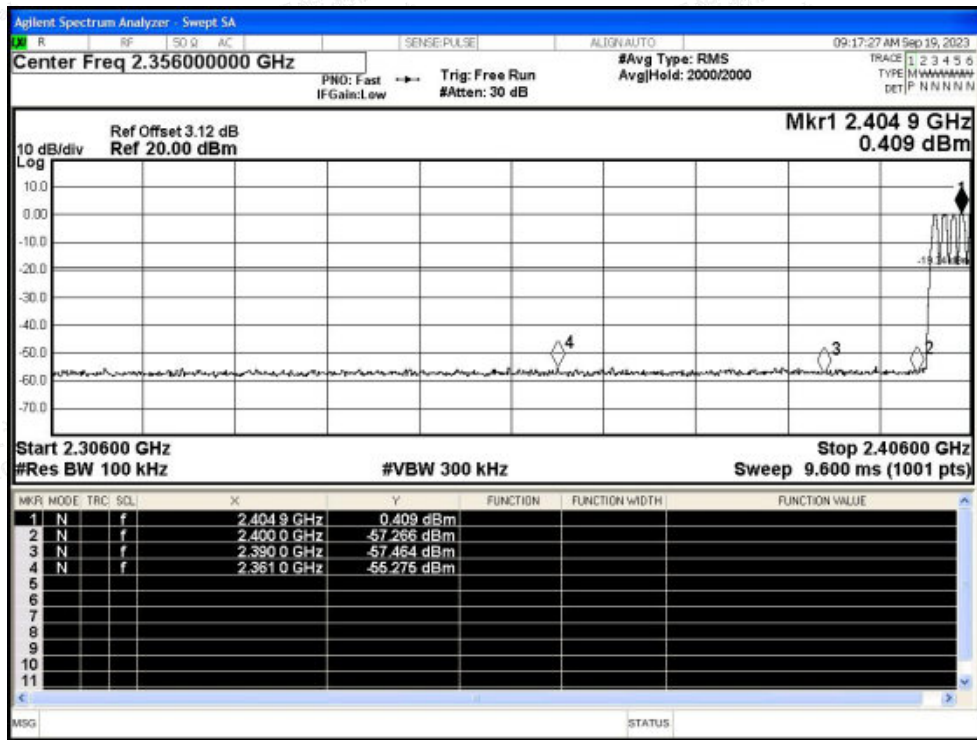


Test Graphs

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



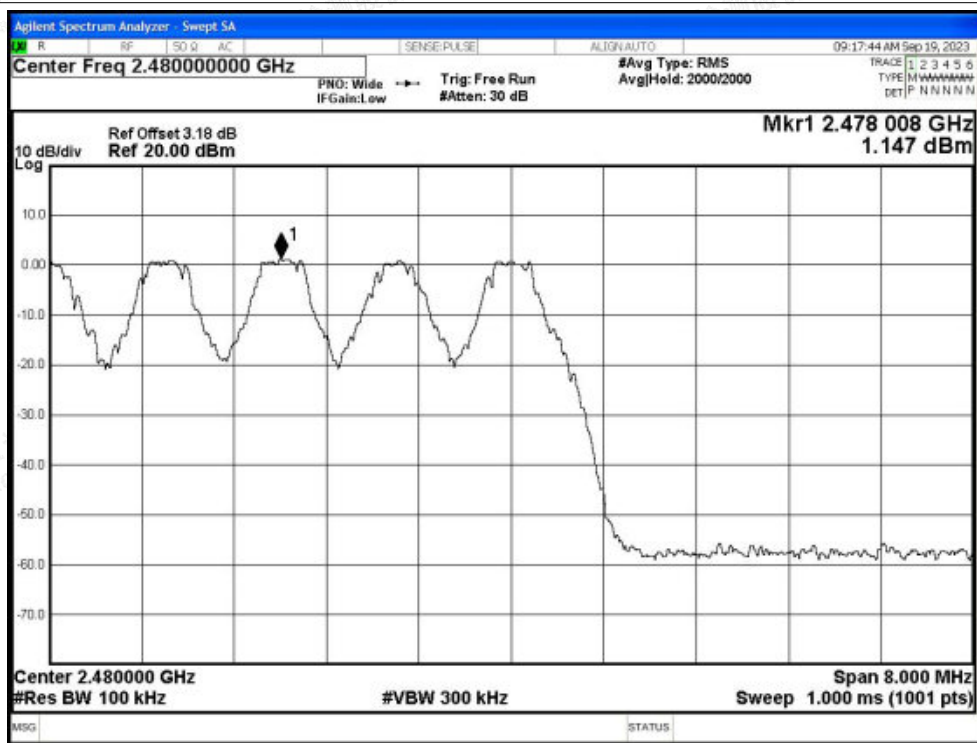
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



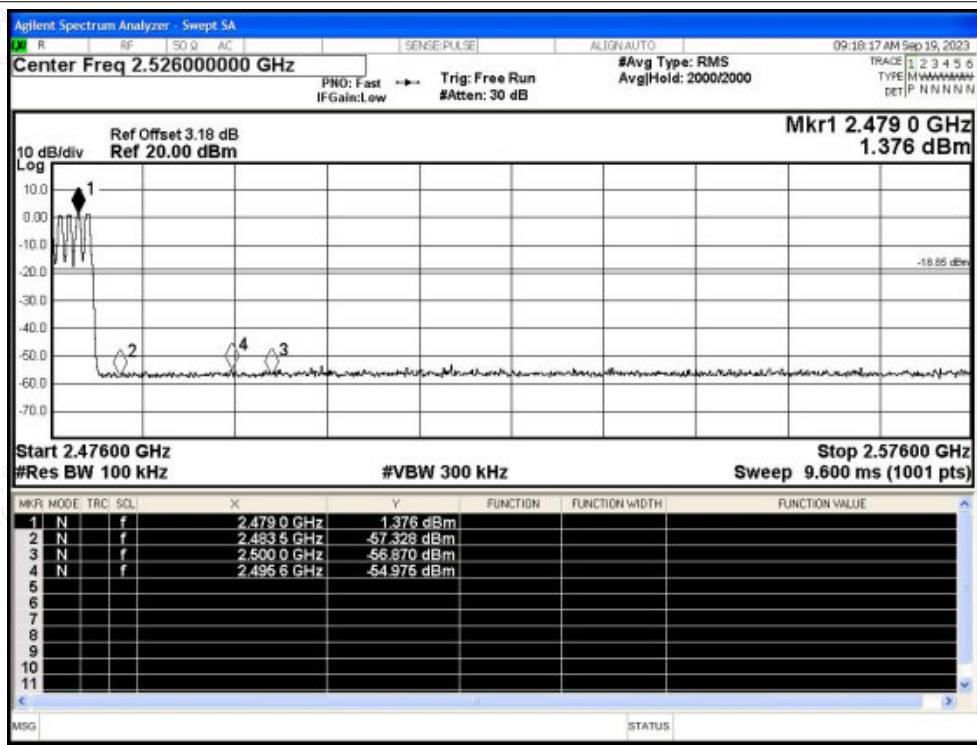




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

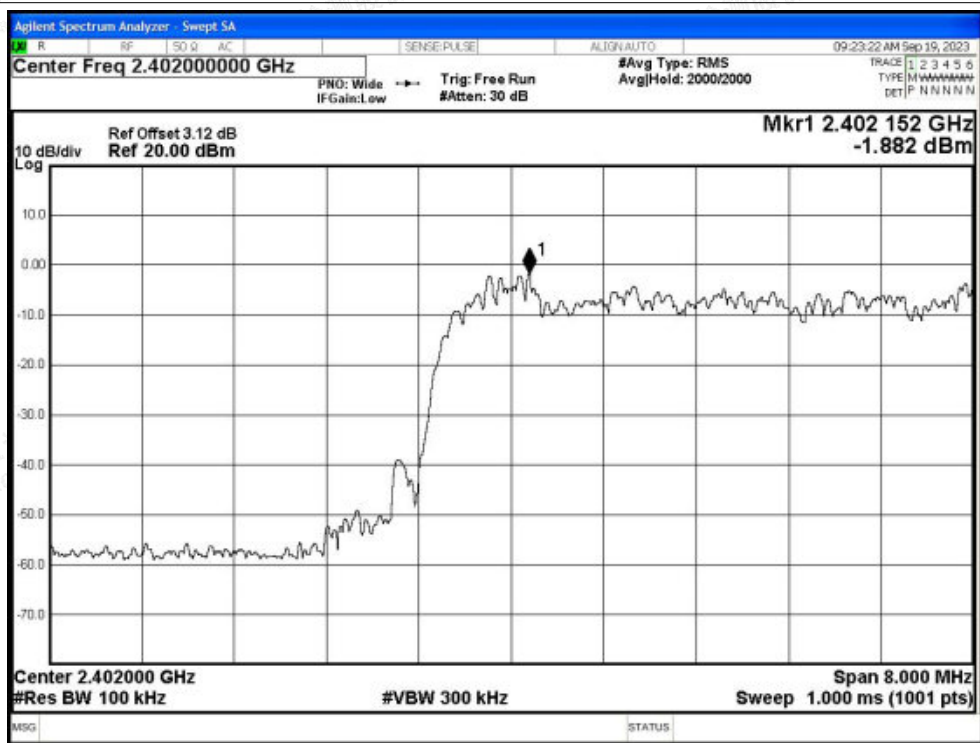


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

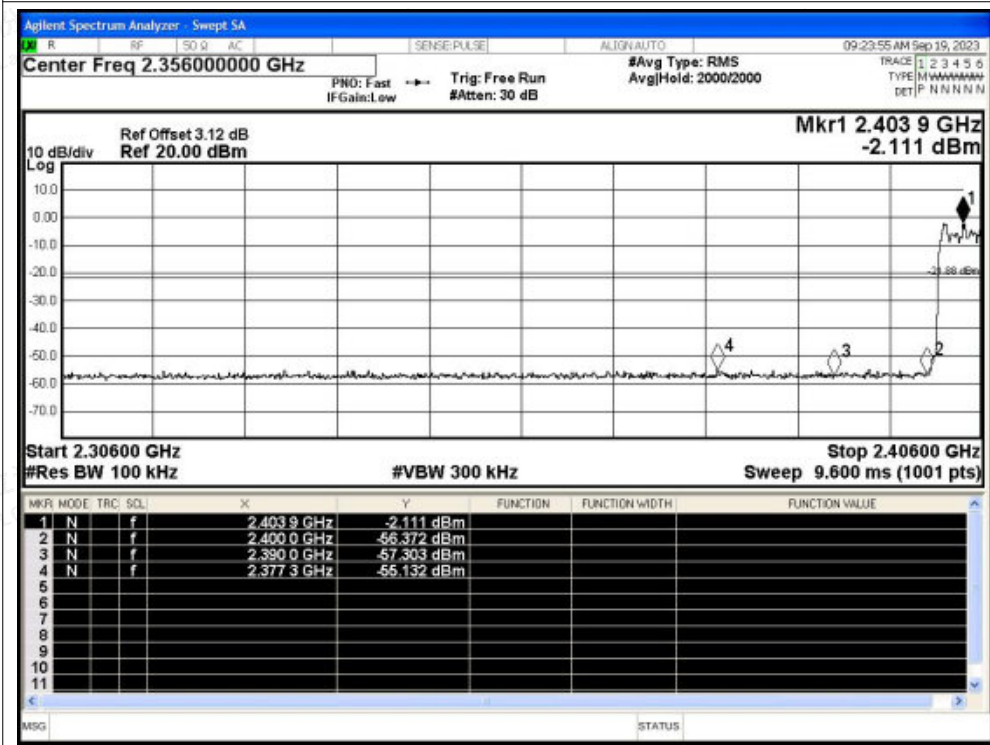




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

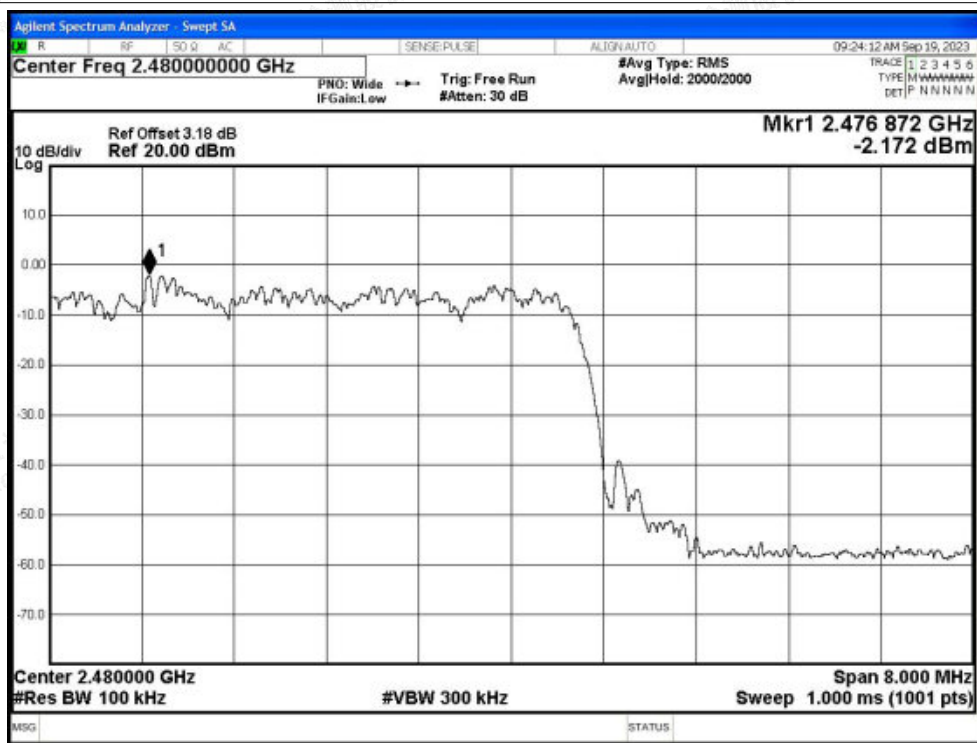


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

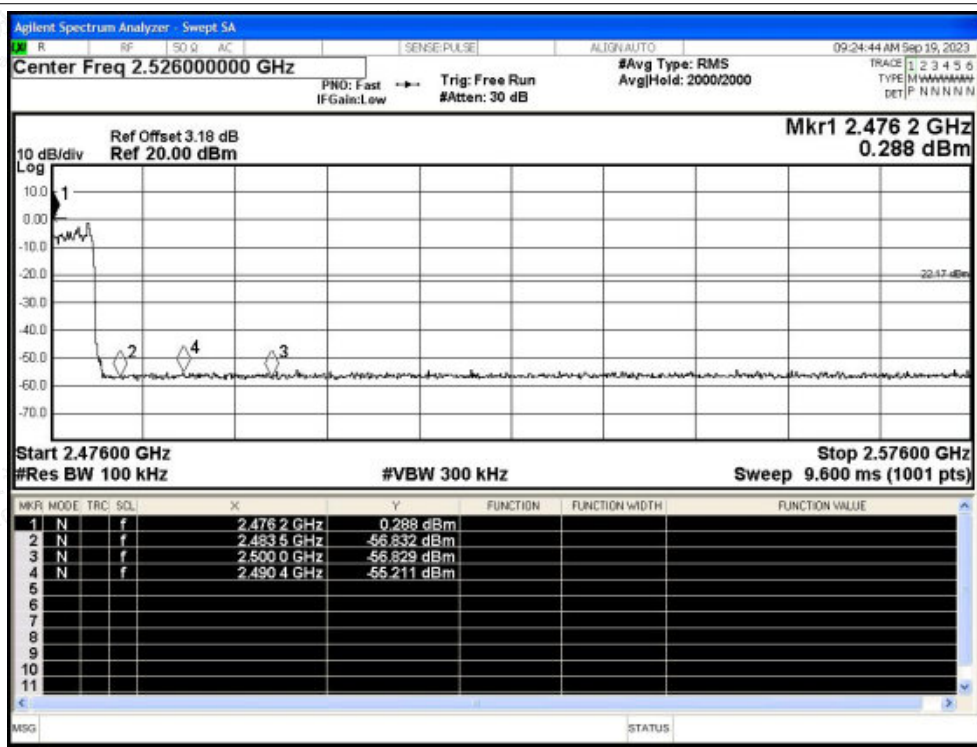




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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

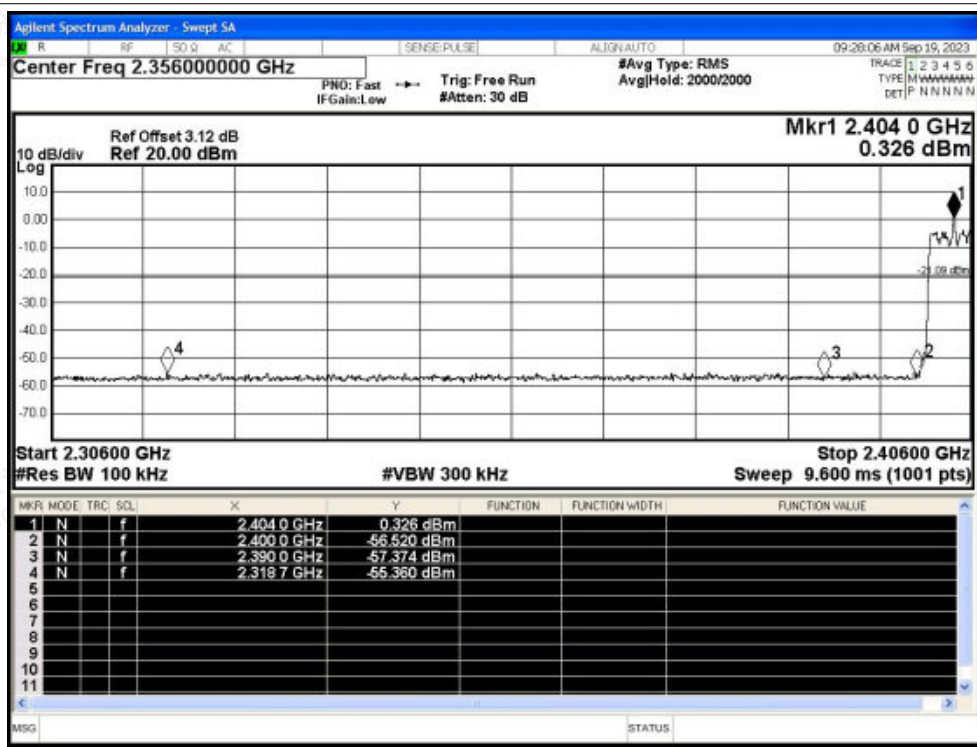




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



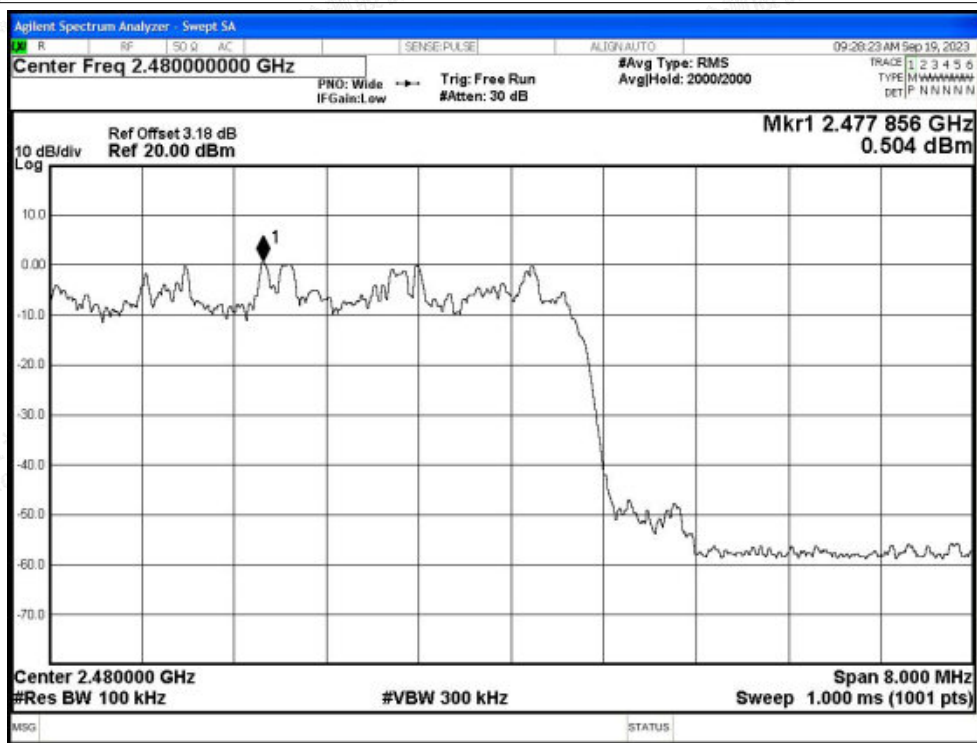
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



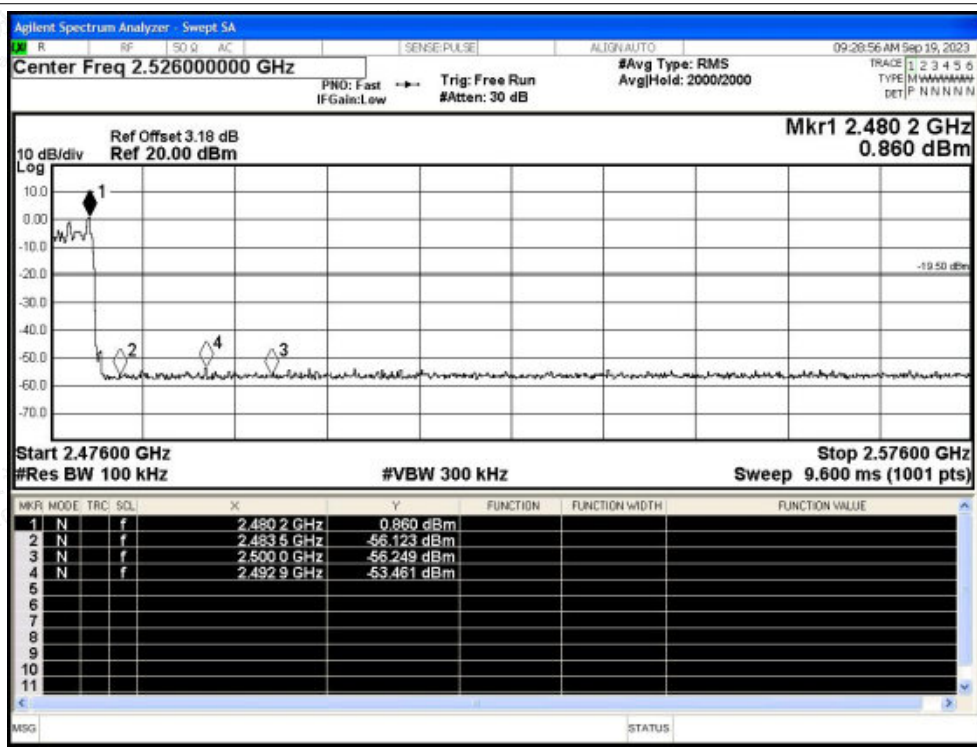




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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







### A.7 Conducted RF Spurious Emission

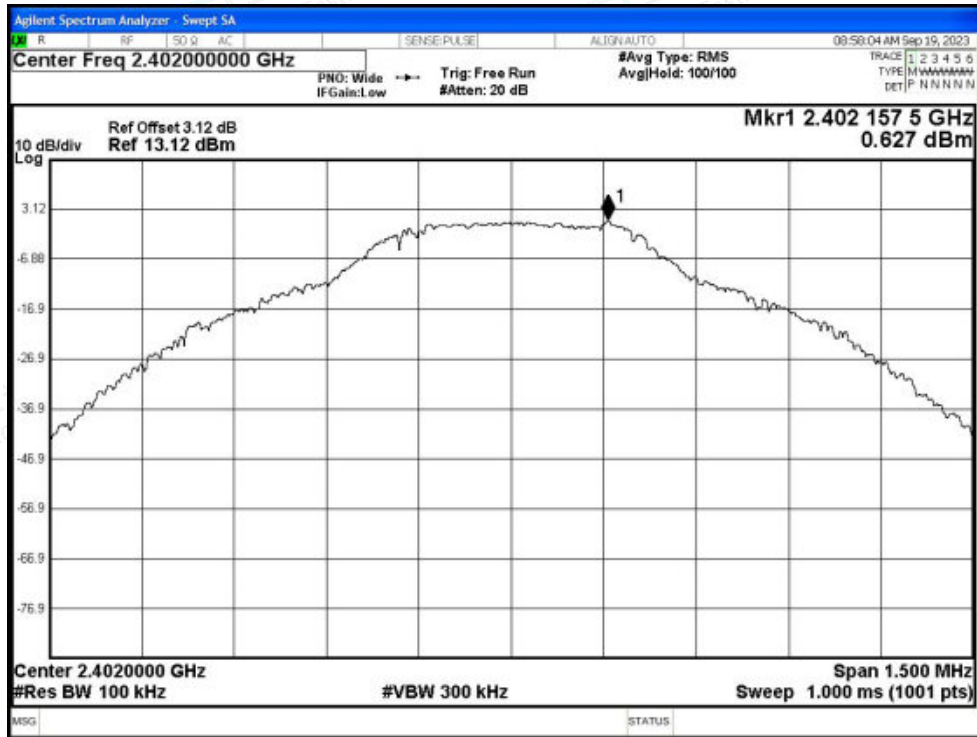
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.2	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.65	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.97	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.7	-20	Pass
NVNT	2-DH5	2441	Ant1	-55.02	-20	Pass
NVNT	2-DH5	2480	Ant1	-54.79	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.42	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.57	-20	Pass
NVNT	3-DH5	2480	Ant1	-55.28	-20	Pass



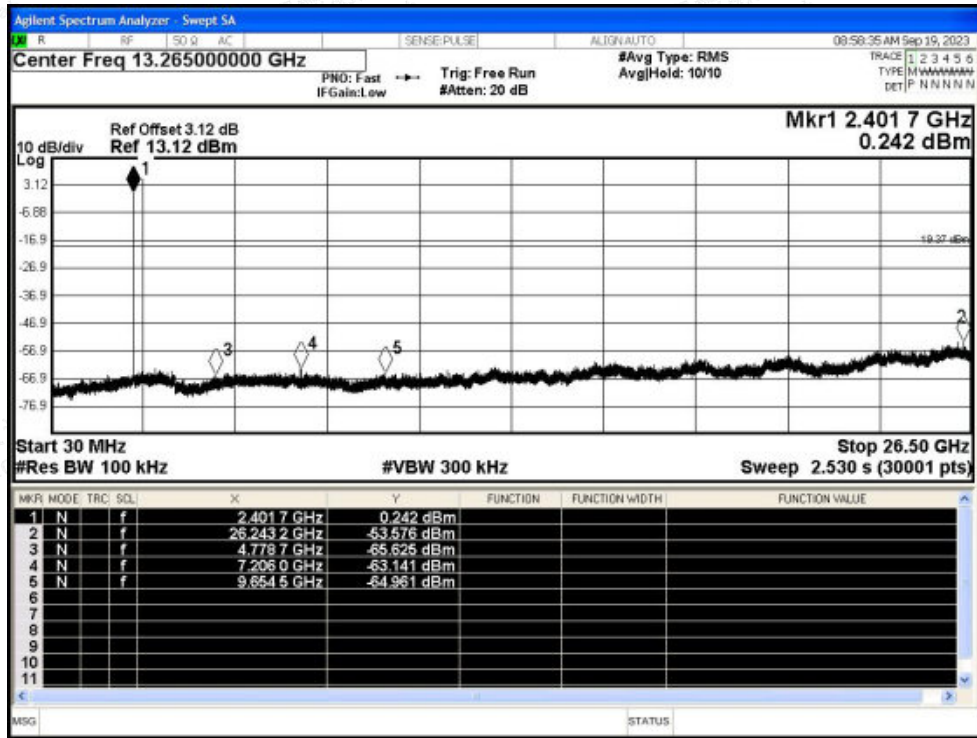


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

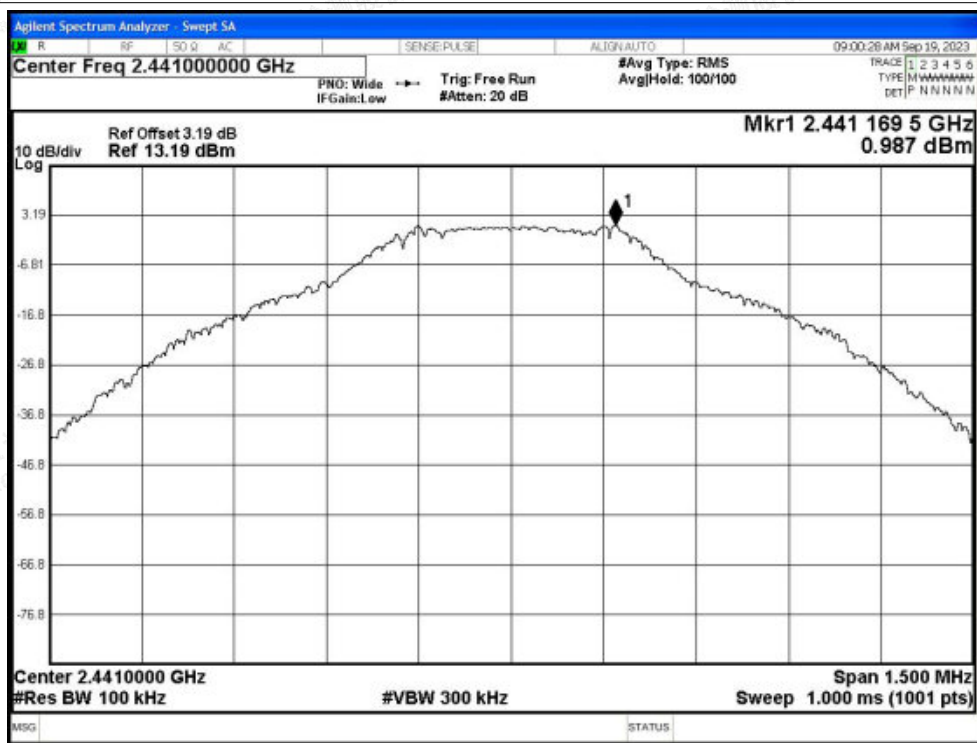


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

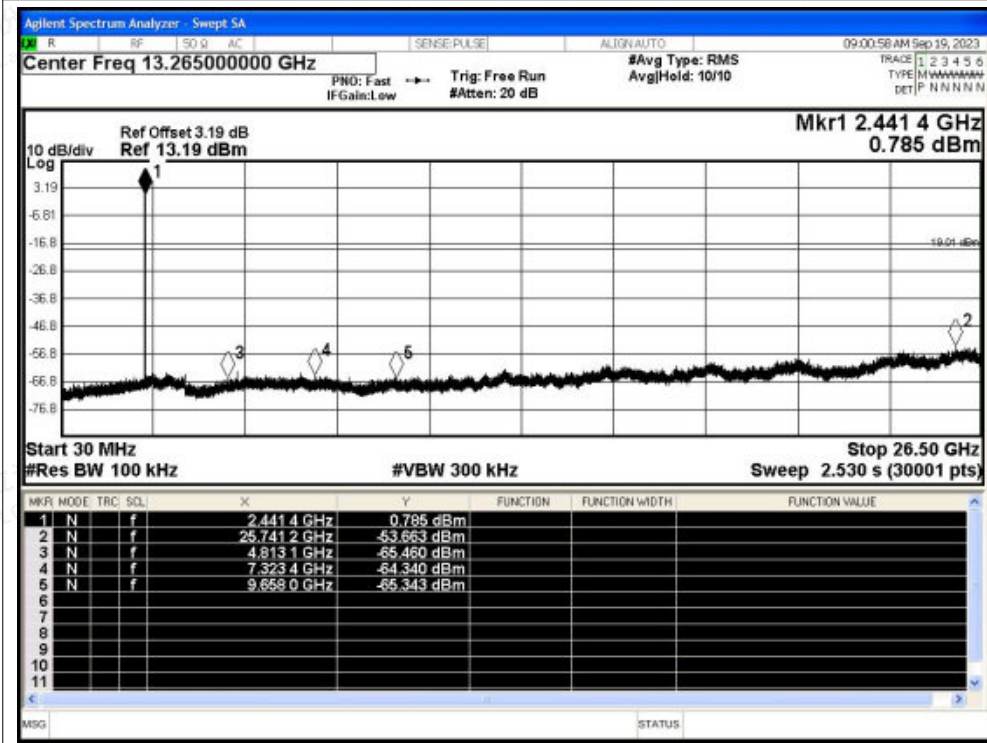




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

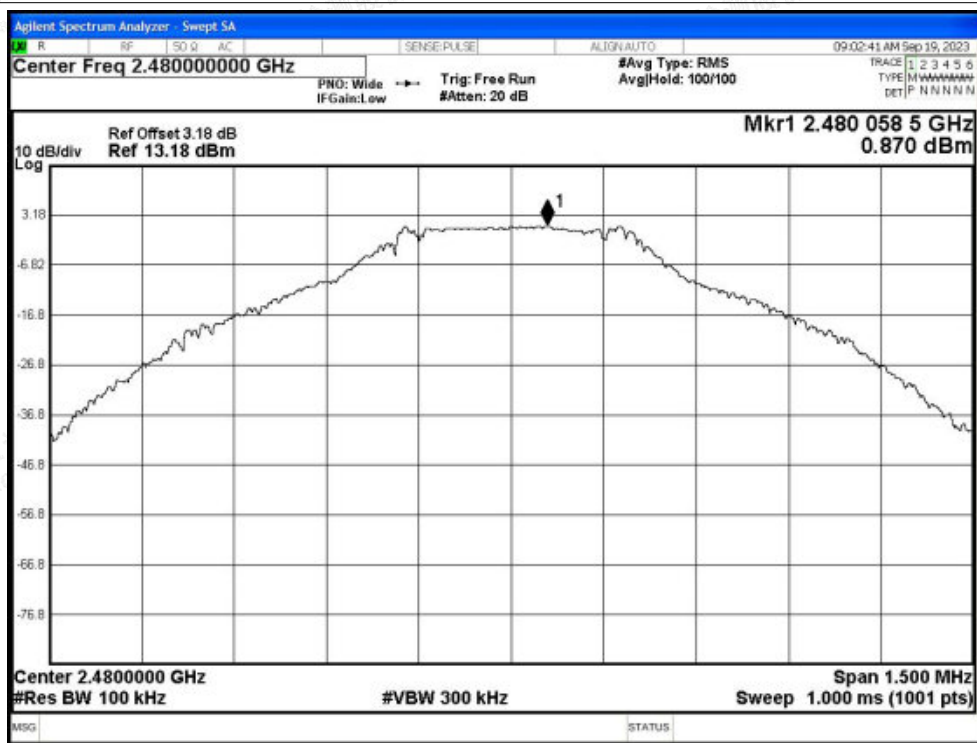


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

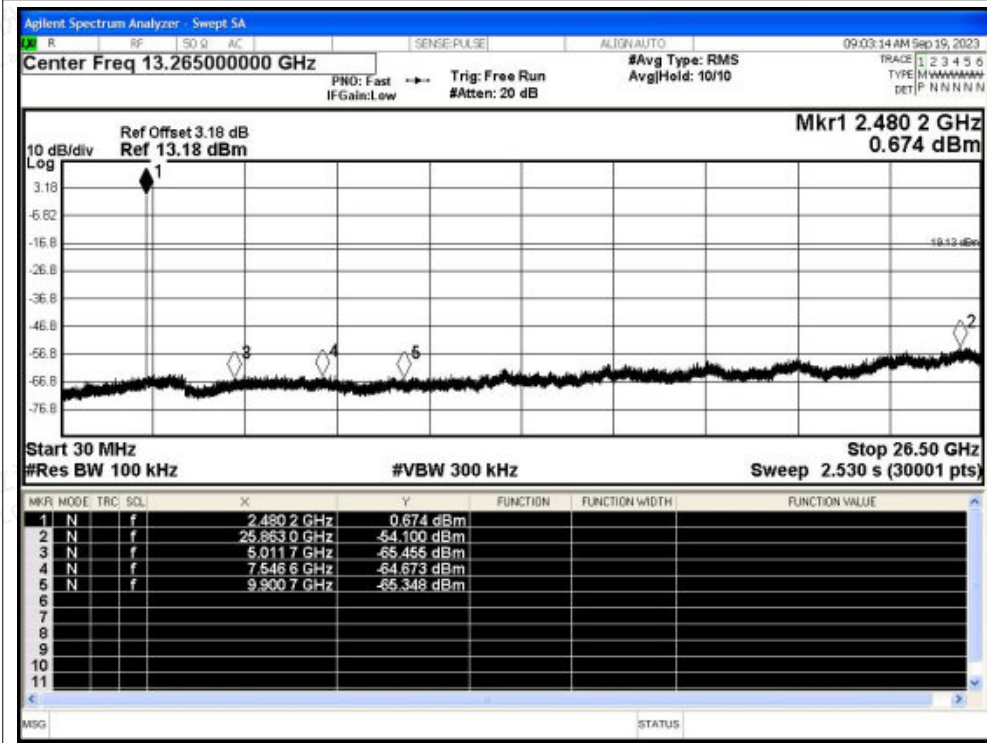




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

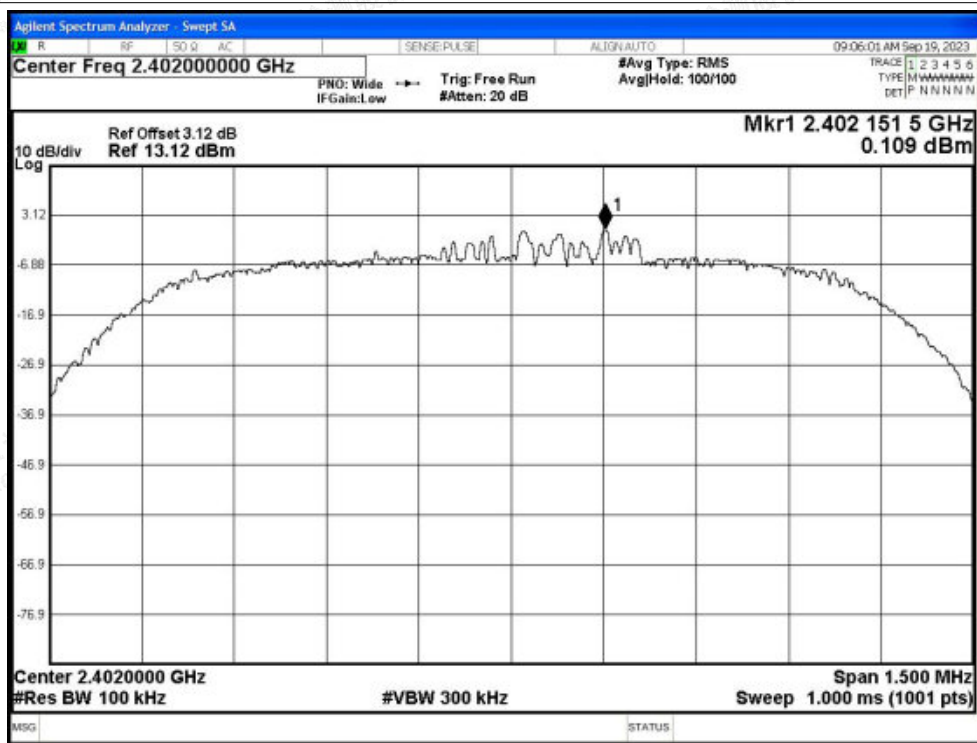


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

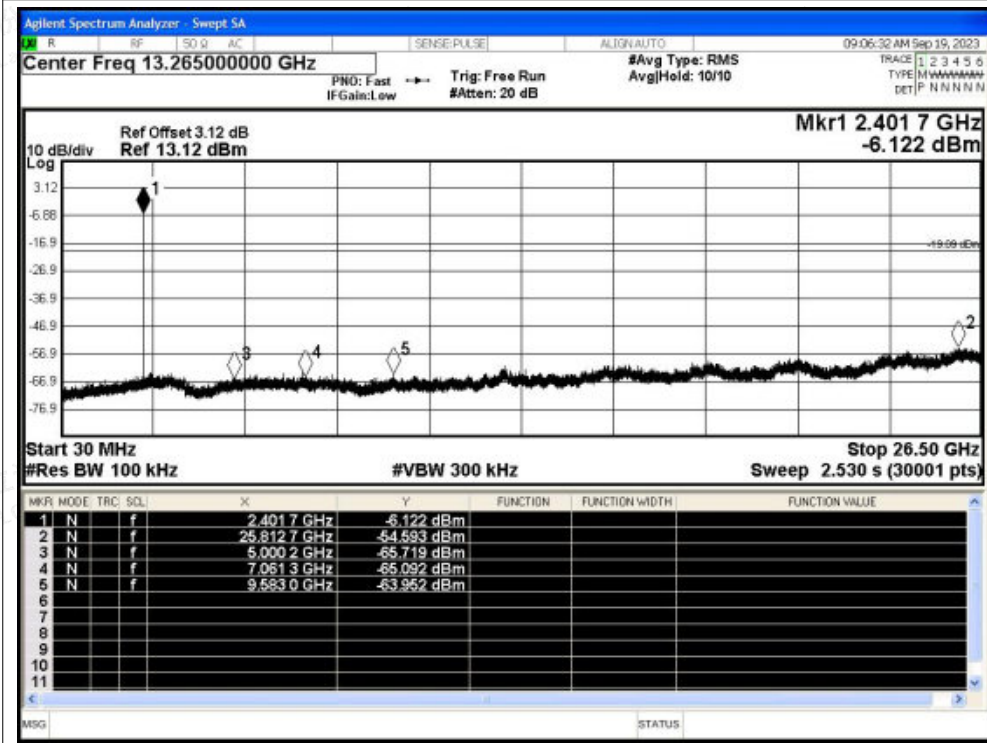




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



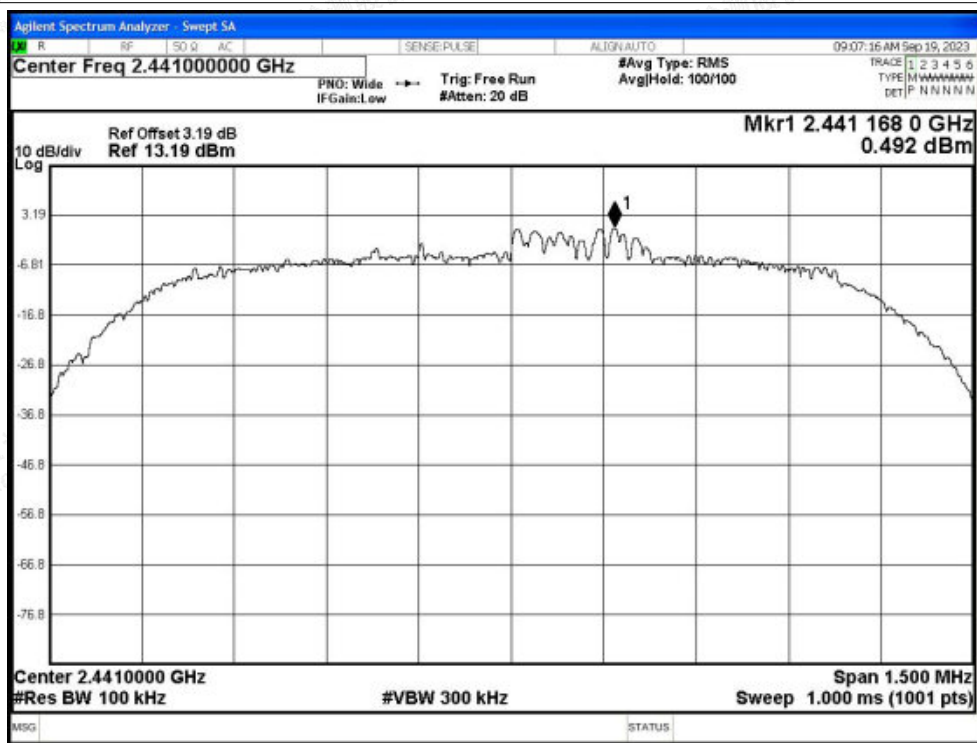
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



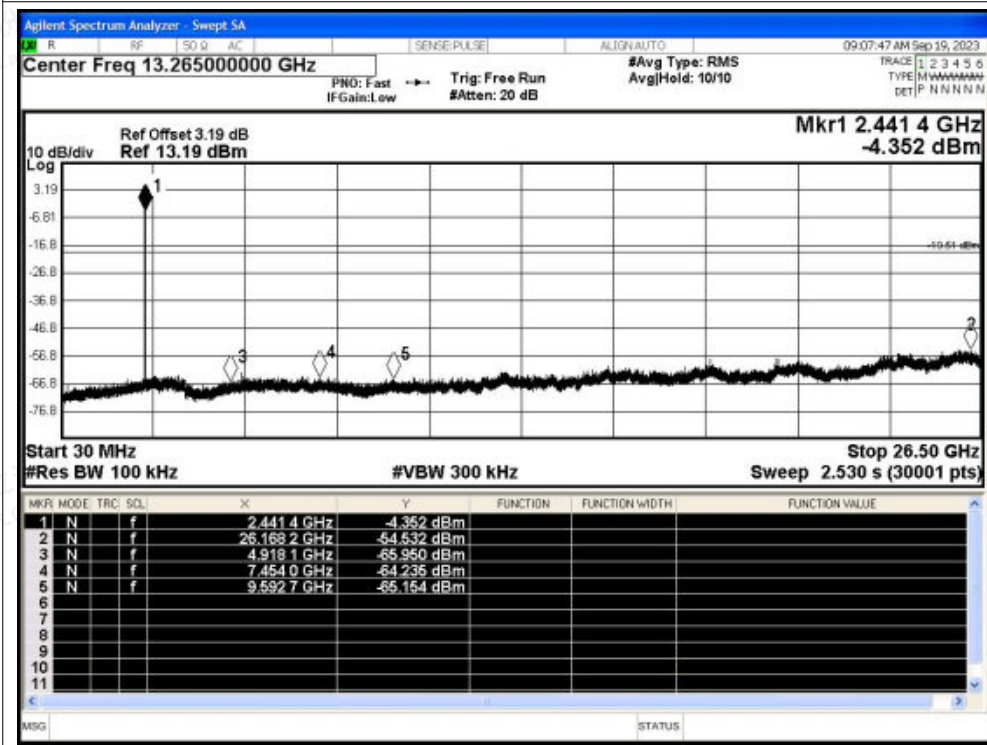




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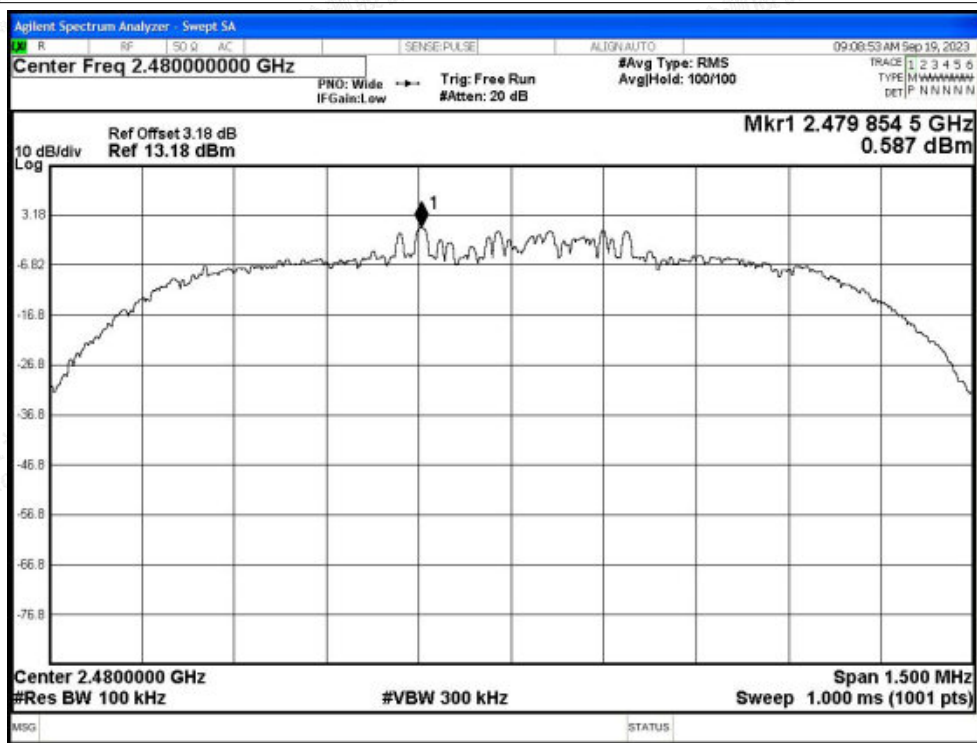


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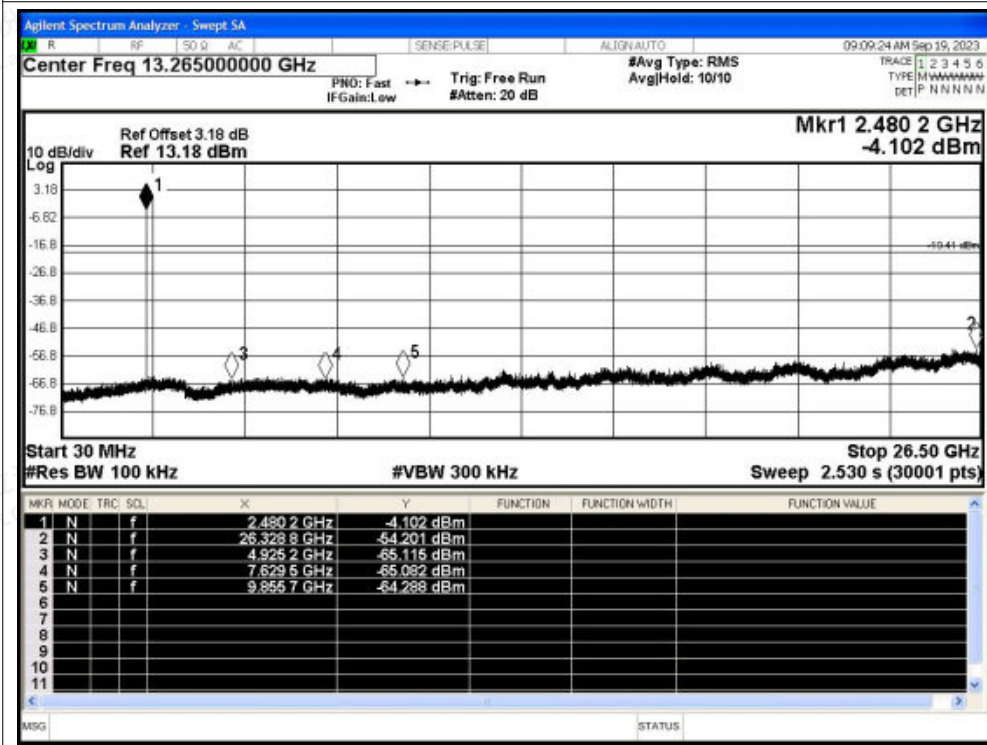




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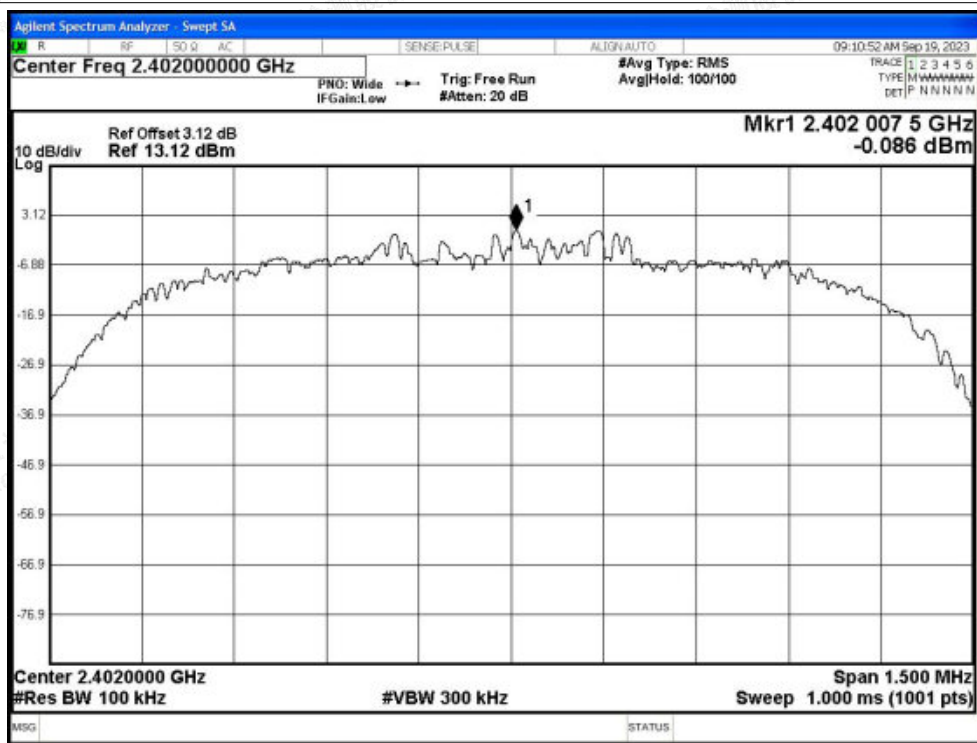


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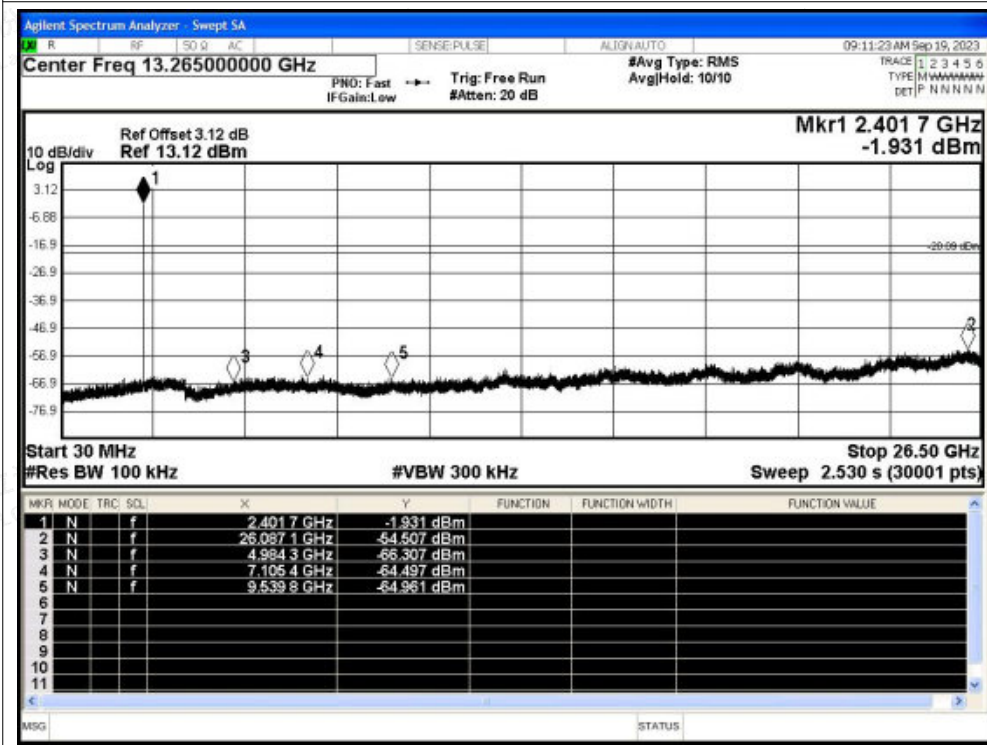




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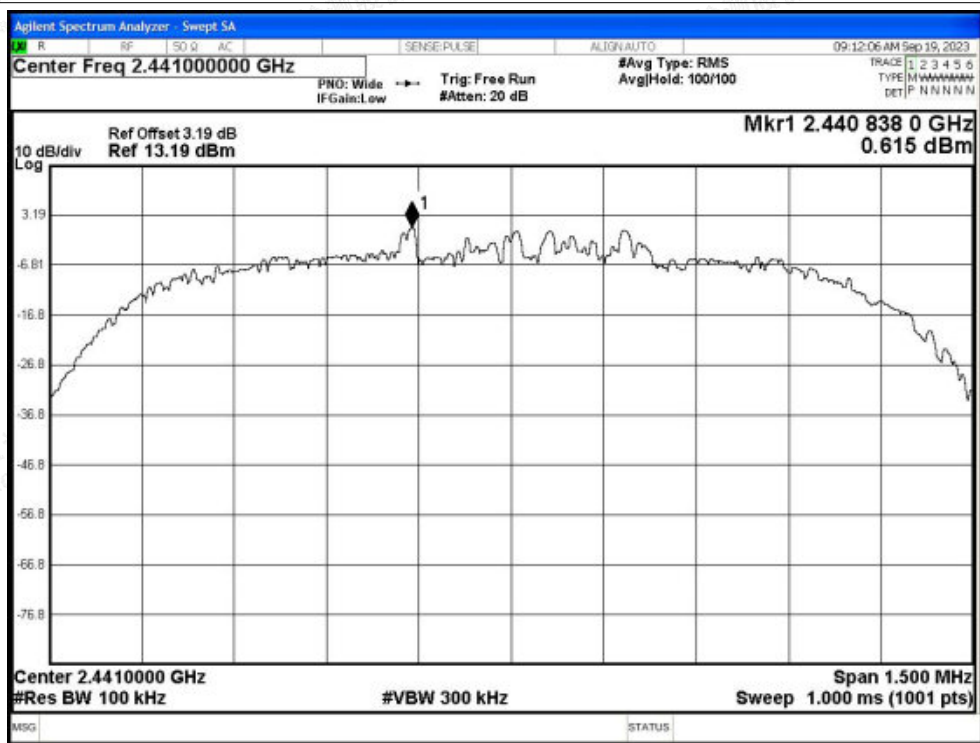


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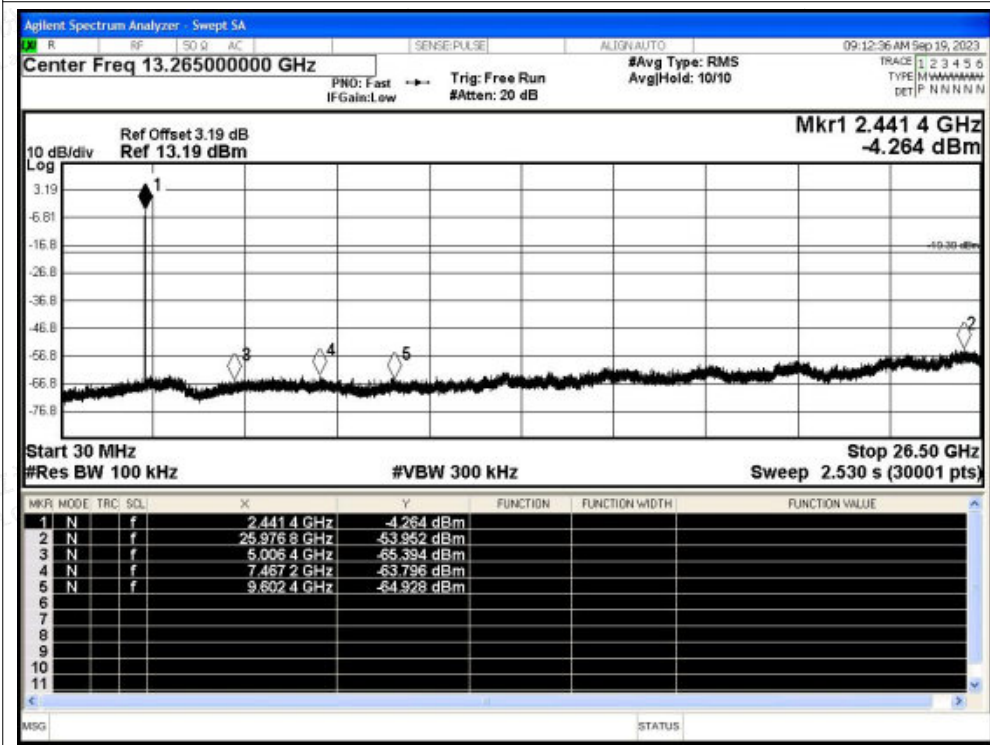




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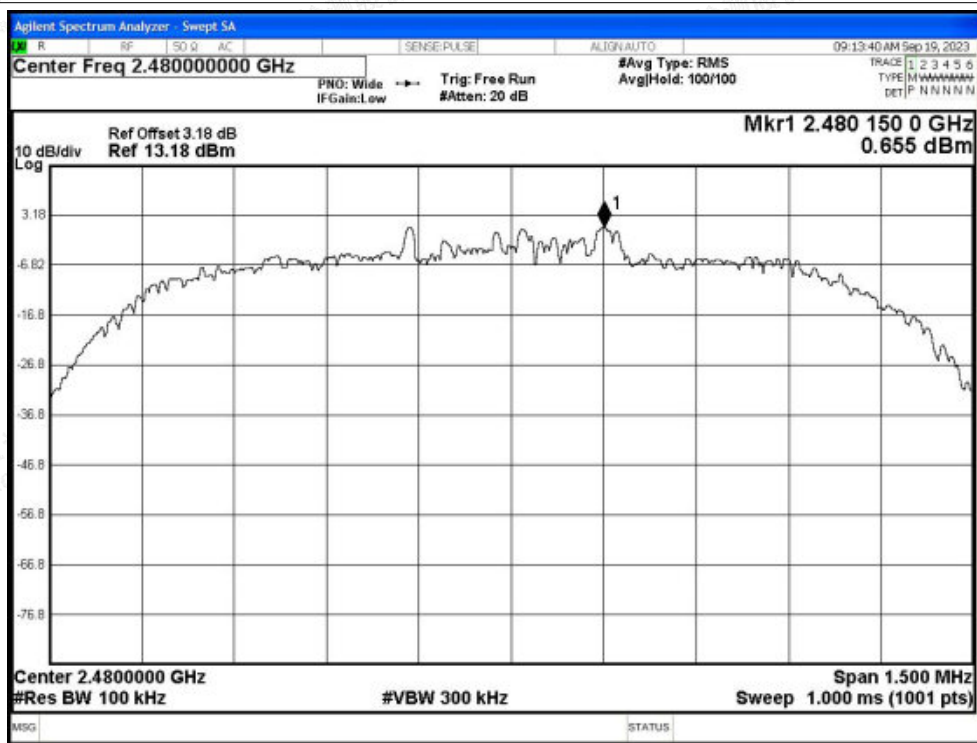
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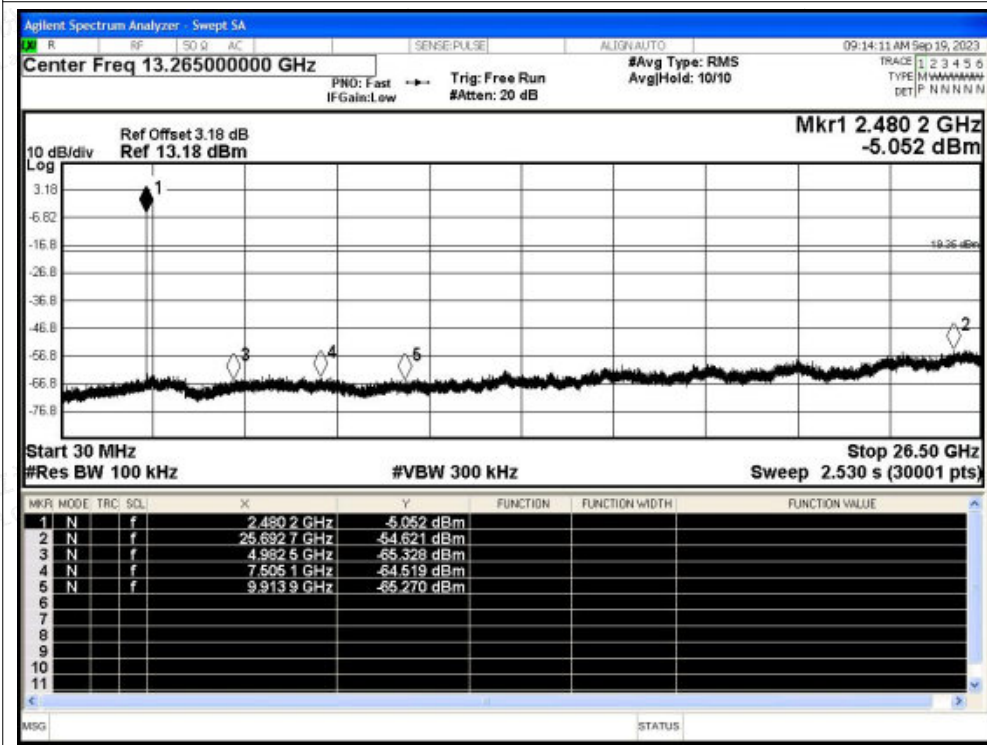




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



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	-50.72	2	46.54	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-56.79	2	40.47	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2363.664	-45.98	2	51.28	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2377.392	-56.33	2	40.93	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-47.68	2	49.58	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-56.43	2	40.83	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.41	2	47.85	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-54.81	2	42.45	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2489.032	-45.71	2	51.55	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-54.81	2	42.45	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-48.74	2	48.52	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-56.13	2	41.13	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.34	2	46.92	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-56.73	2	40.53	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2340.24	-45.93	2	51.33	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2387.856	-54.89	2	42.37	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-48.15	2	49.11	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-56.39	2	40.87	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.29	2	47.97	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-54.66	2	42.6	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2486.104	-46.24	2	51.02	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-54.66	2	42.6	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.26	2	48	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.1	2	41.16	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.24	2	47.02	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-56.72	2	40.54	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2346.864	-46.21	2	51.05	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2386.032	-56.29	2	40.97	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.54	2	46.72	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-56.44	2	40.82	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.03	2	48.23	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-54.74	2	42.52	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2492.992	-46.1	2	51.16	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-54.74	2	42.52	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-47.98	2	49.28	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.03	2	41.23	Average	54	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

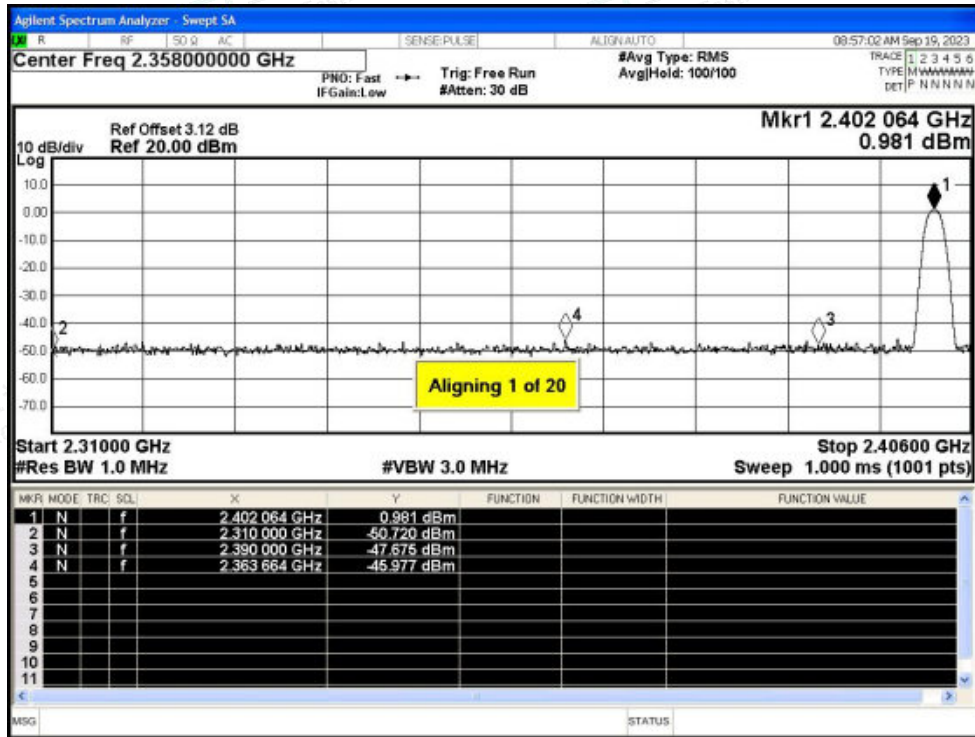
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

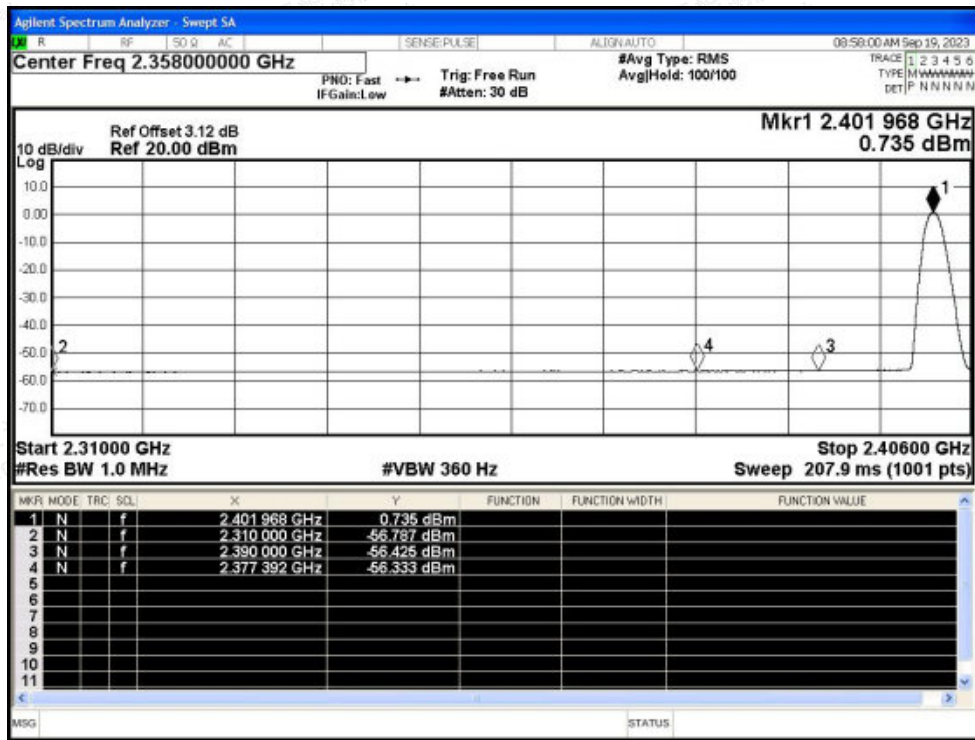


Test Graphs

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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

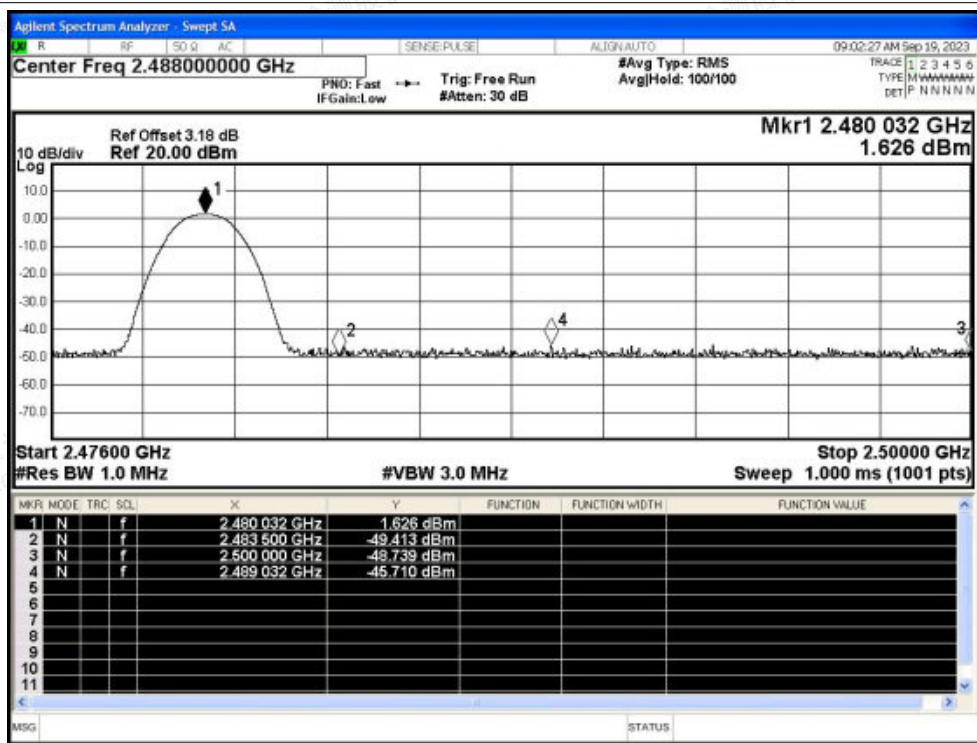
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

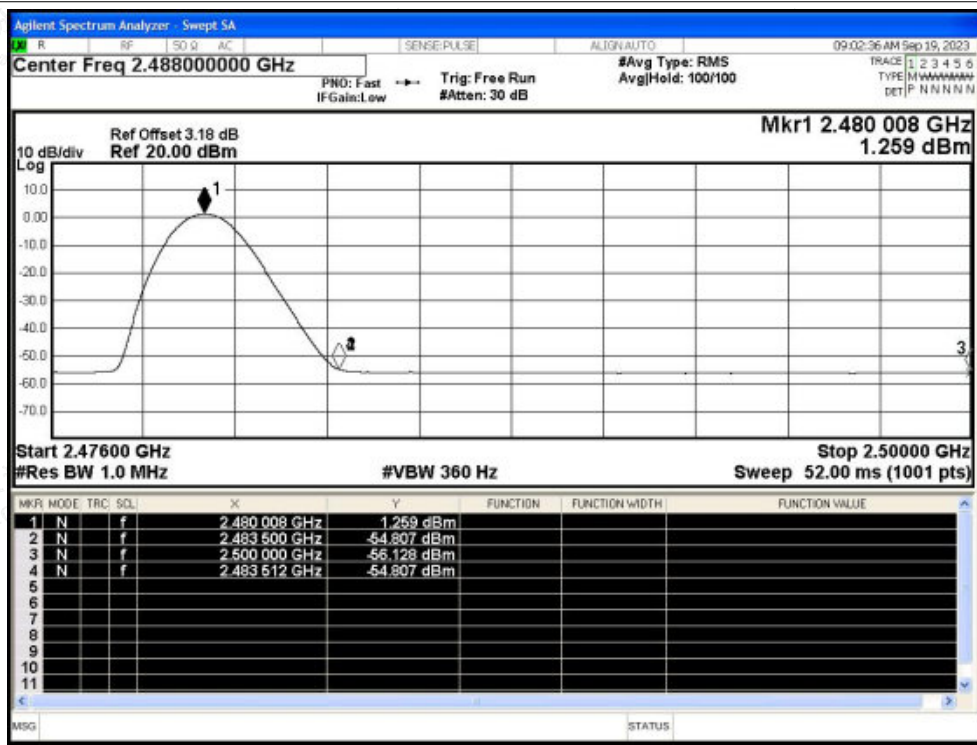
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Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

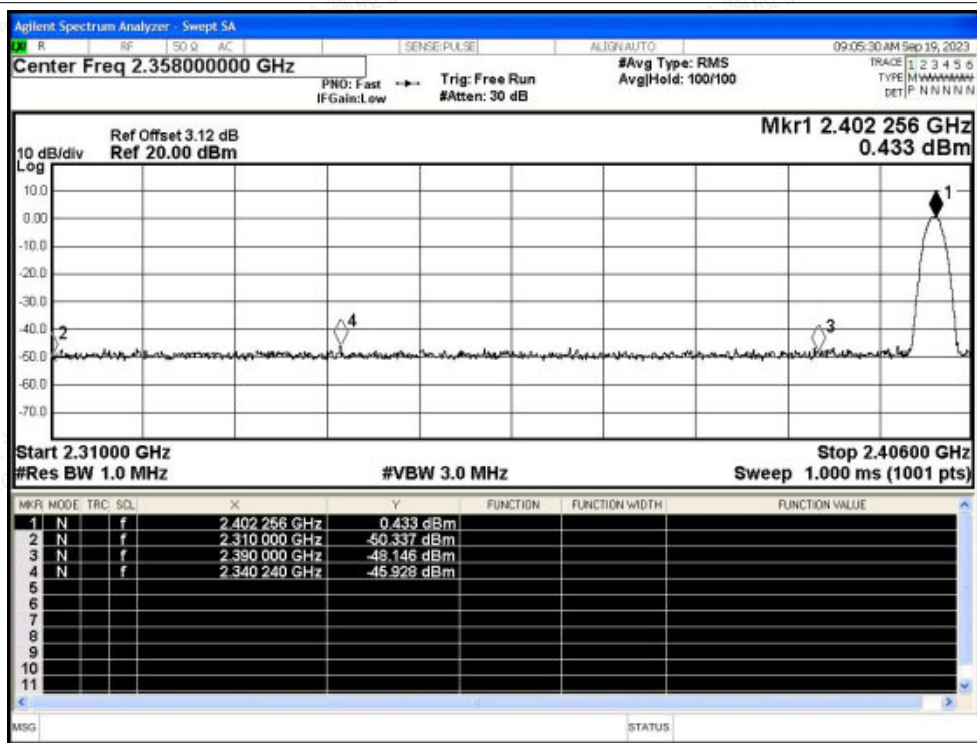


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

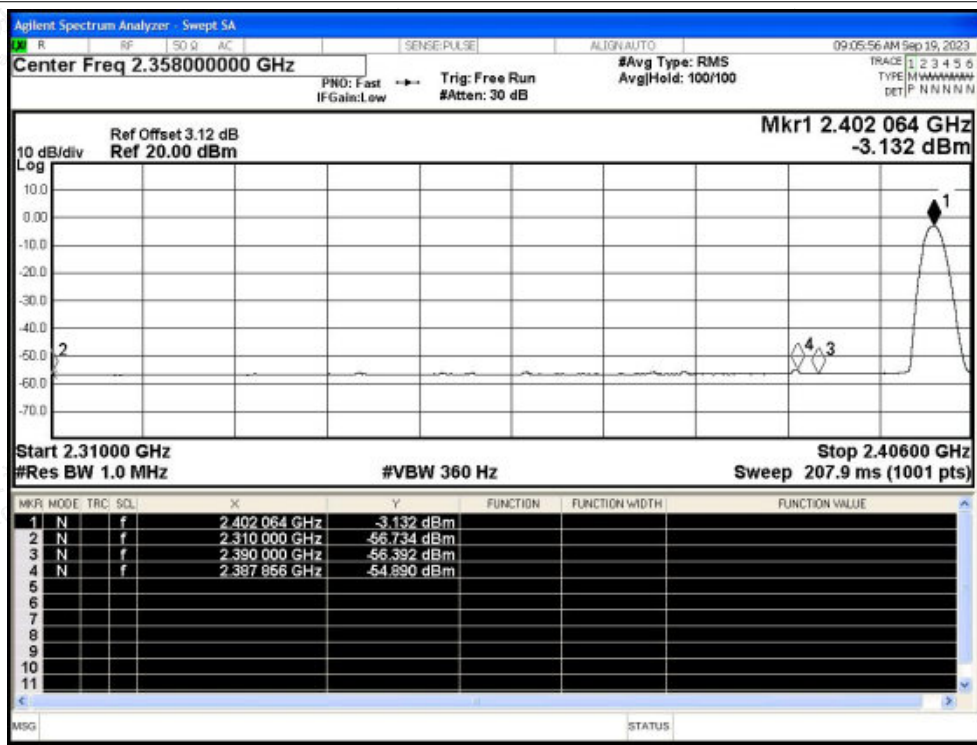




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



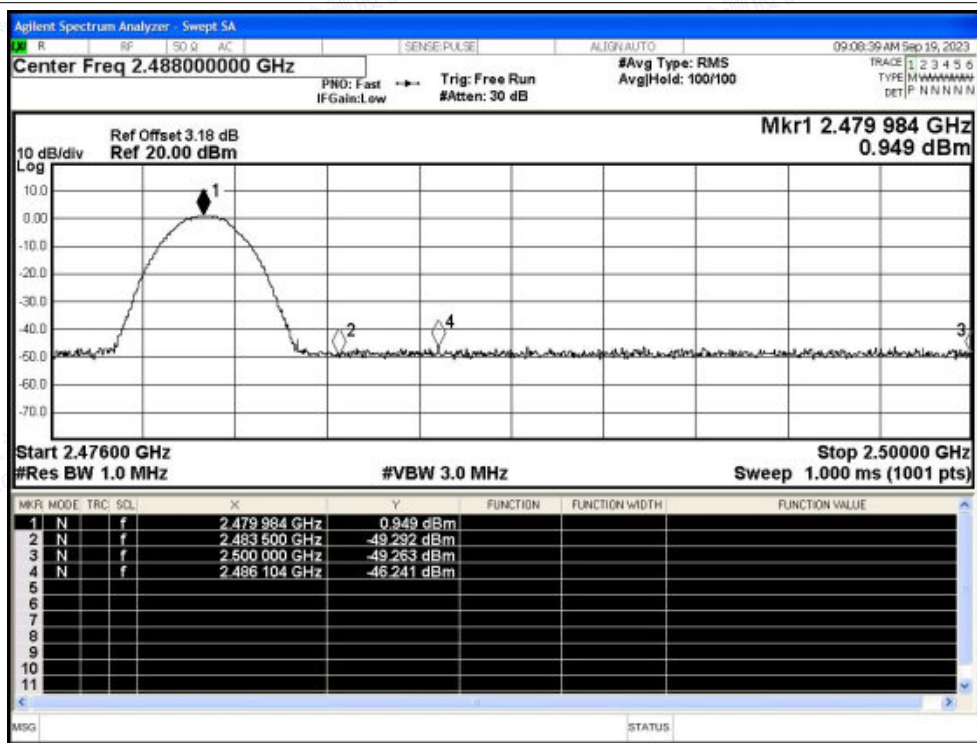
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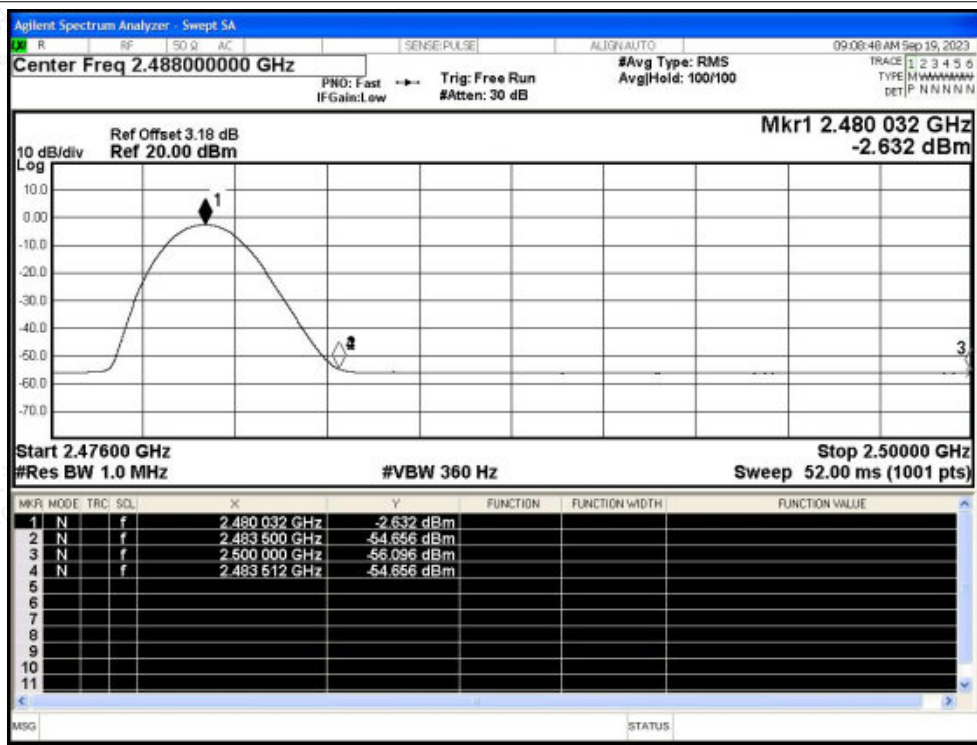




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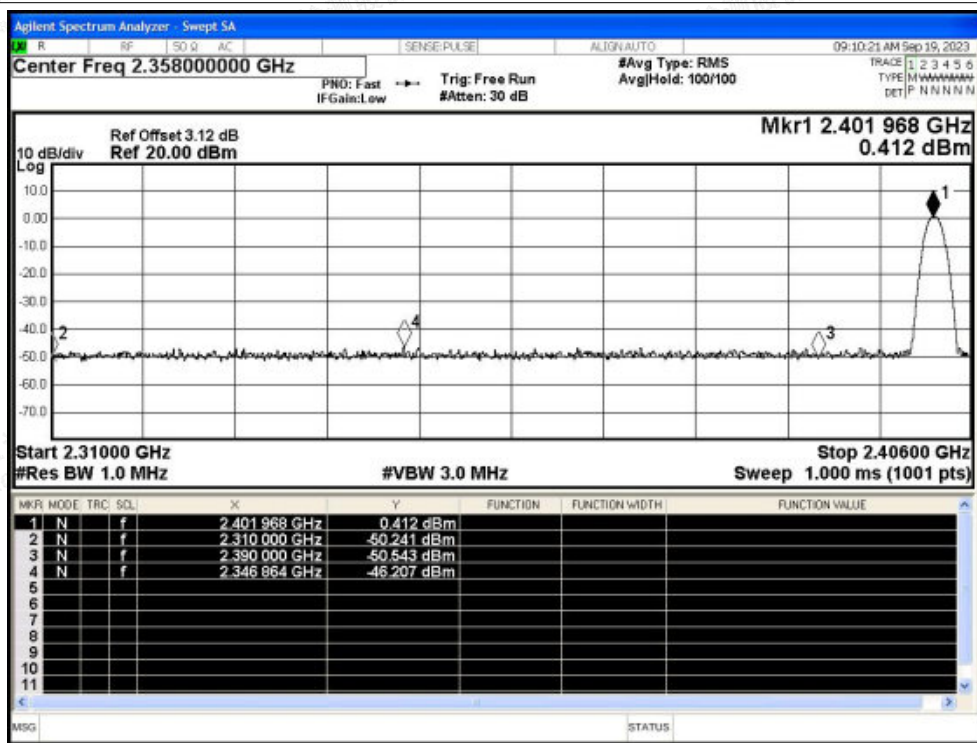
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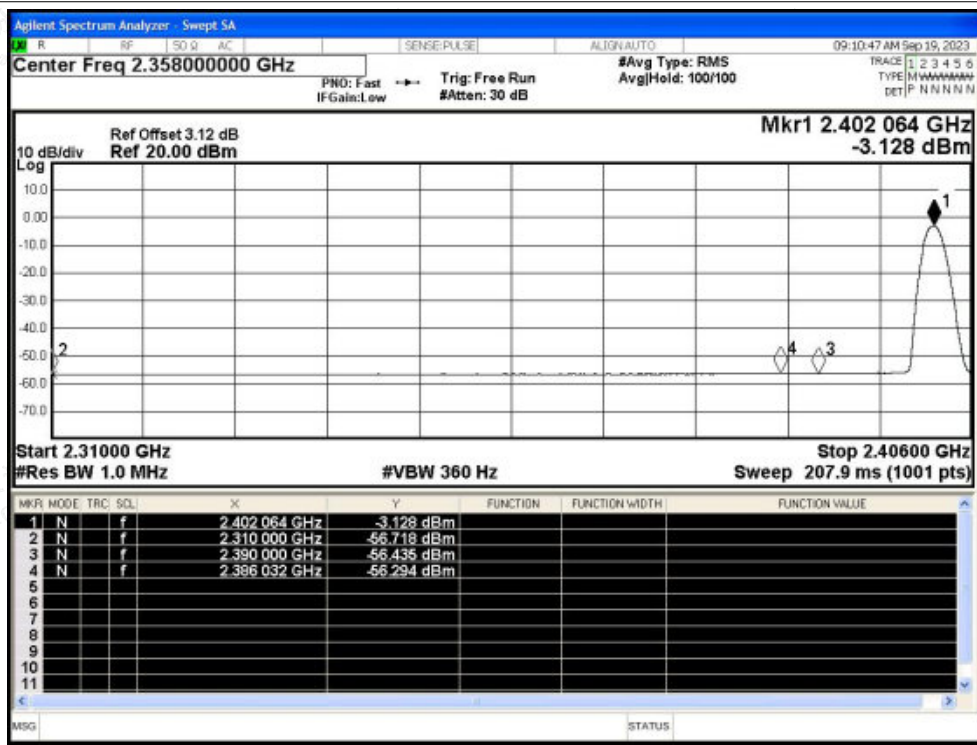




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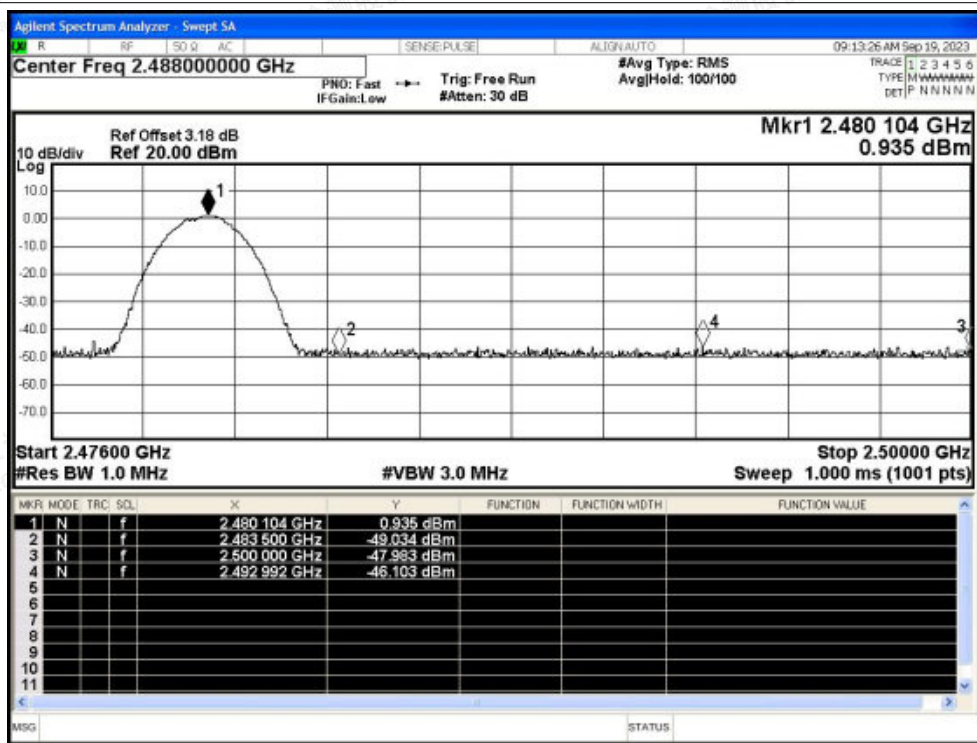


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





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



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

