



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: PicassoTab X14

Environmental Conditions

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





A.1 -20dB Bandwidth

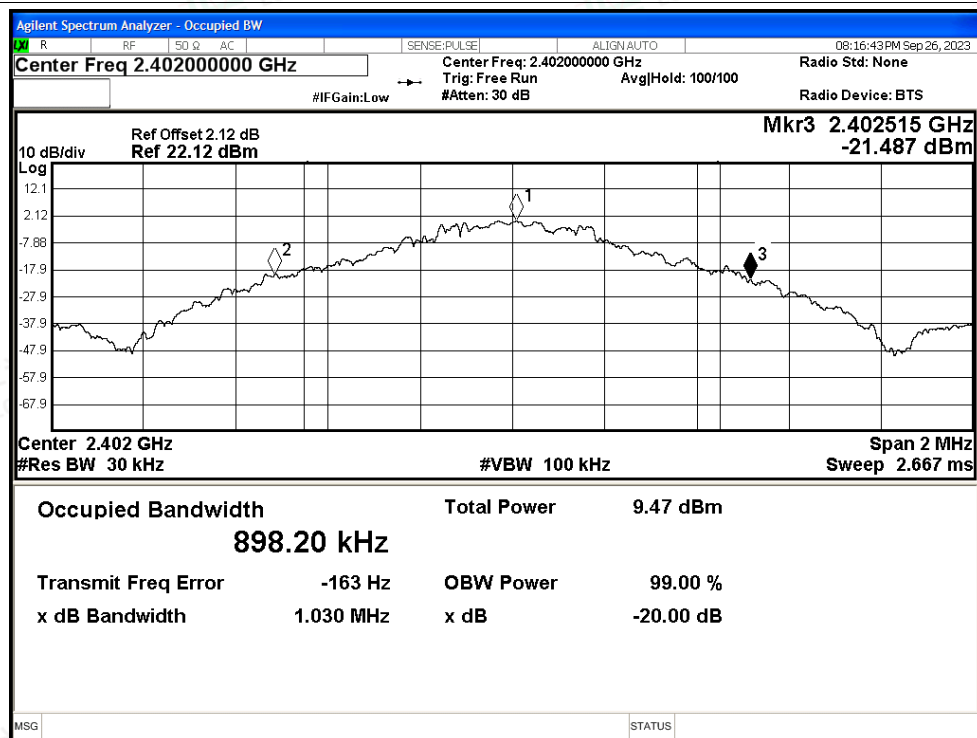
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.03	N/A	Pass
NVNT	1-DH5	2441	Ant1	1.035	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.977	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.306	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.315	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.318	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.297	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.272	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.29	N/A	Pass



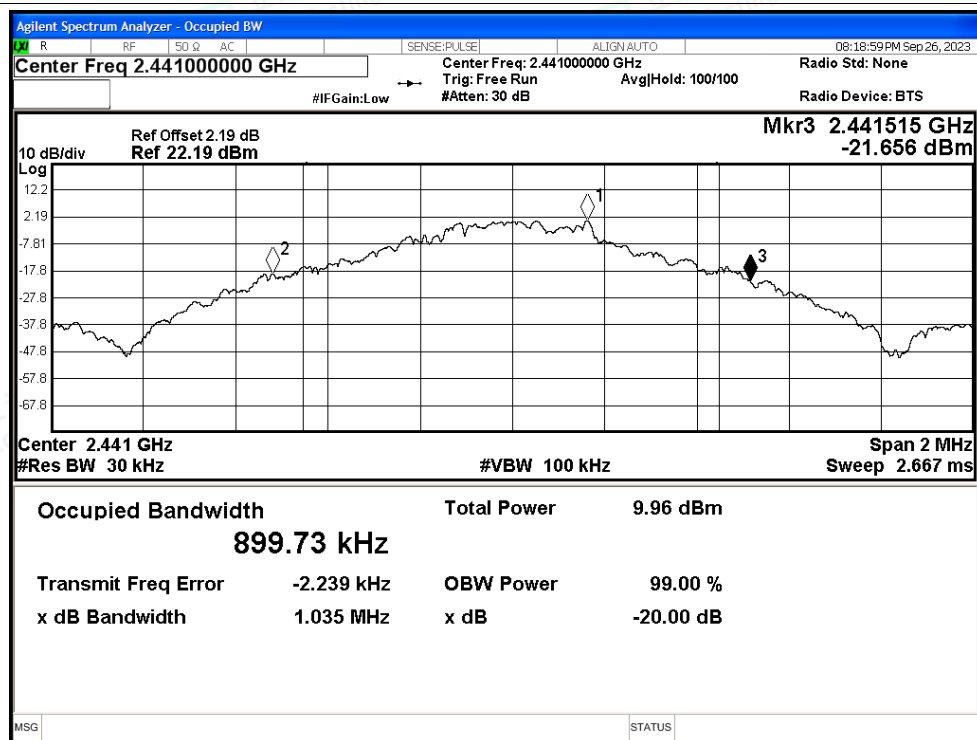


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

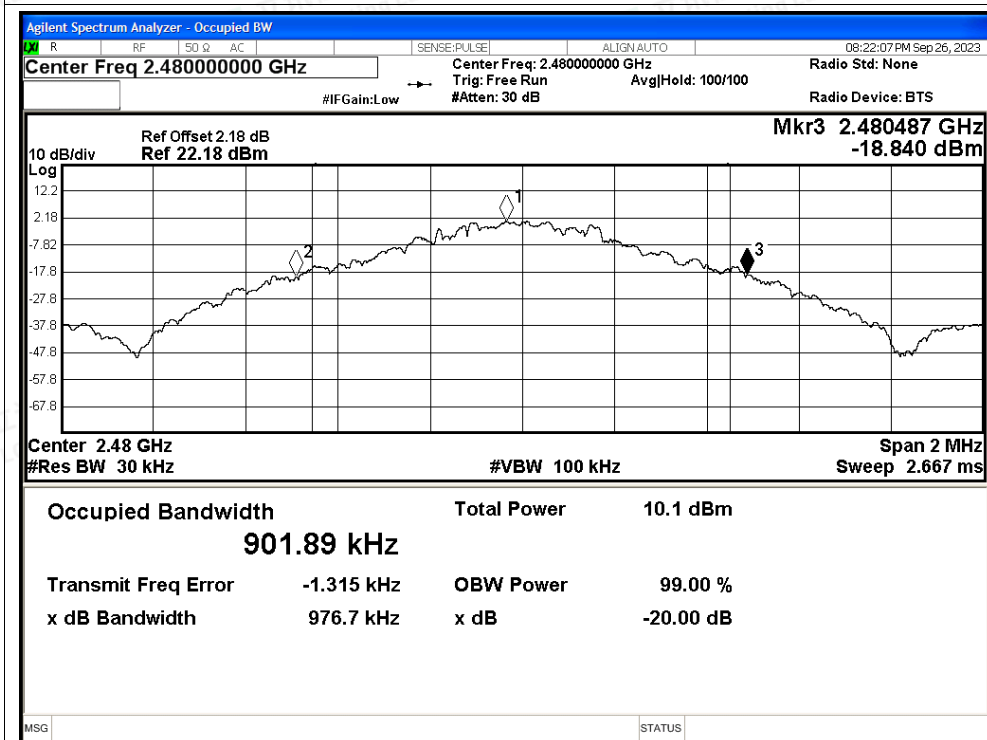


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

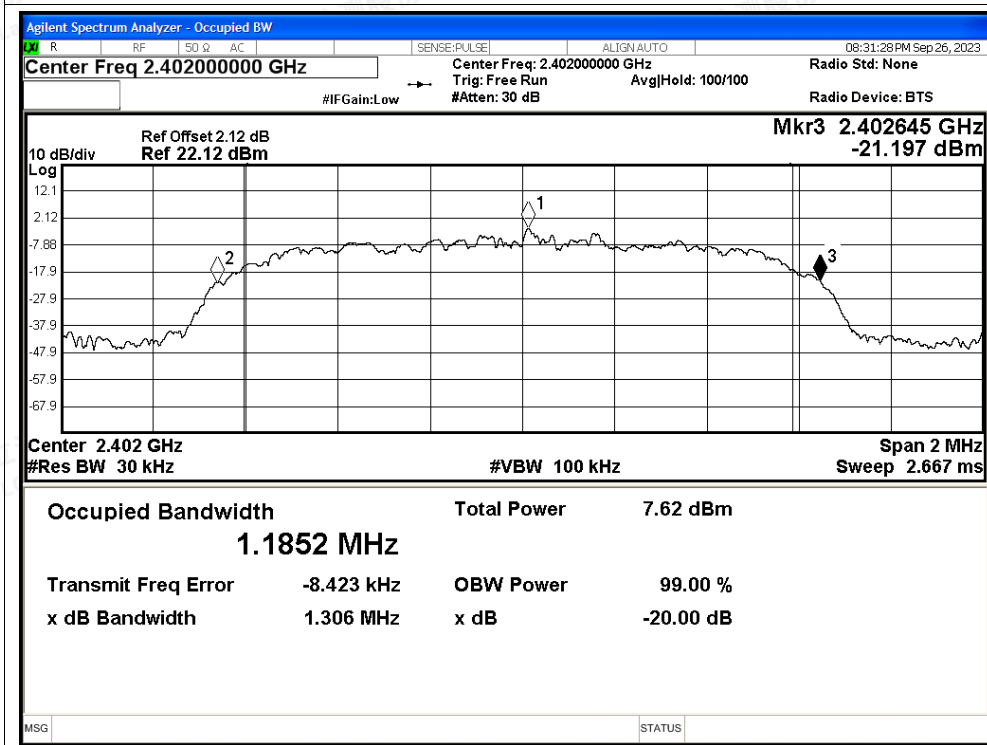




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



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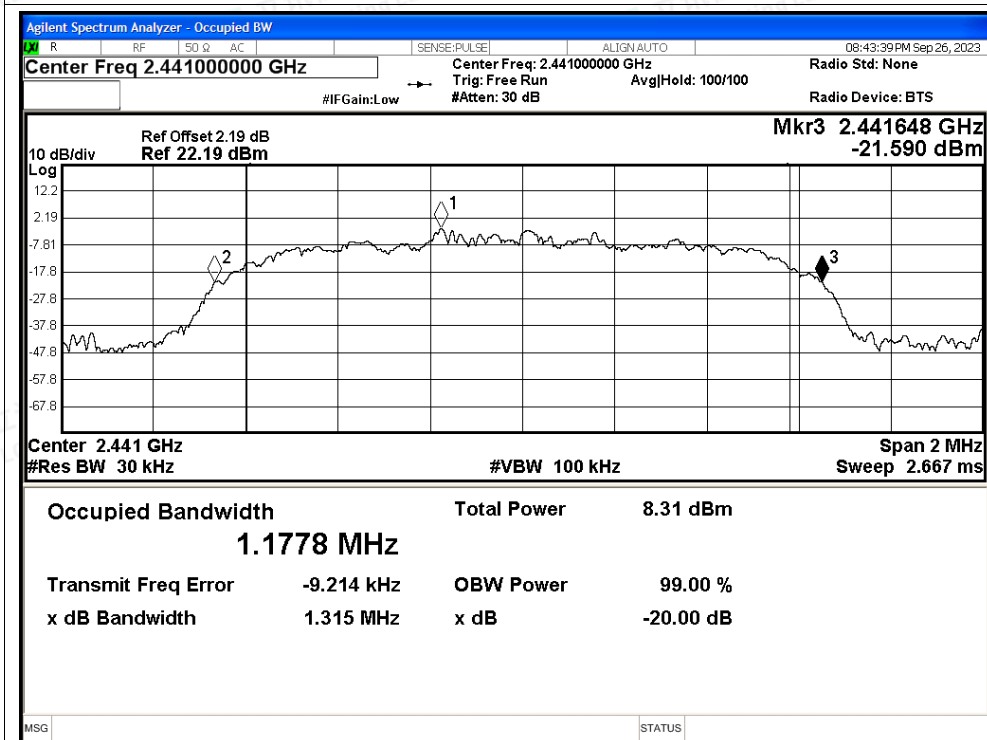
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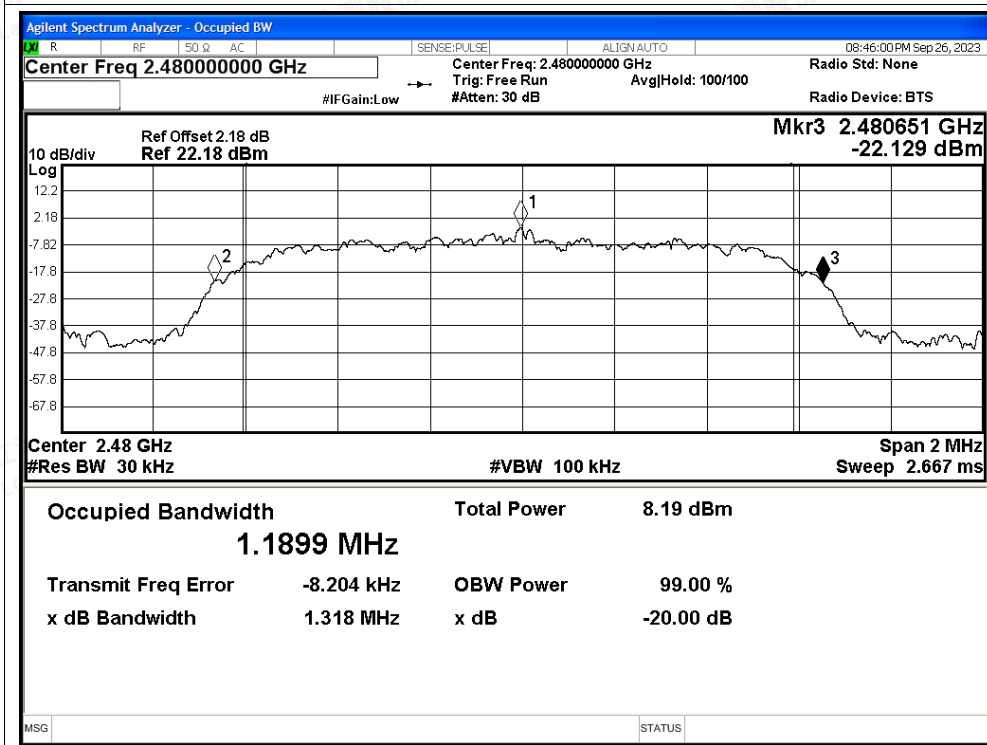
Scan code to check authenticity



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



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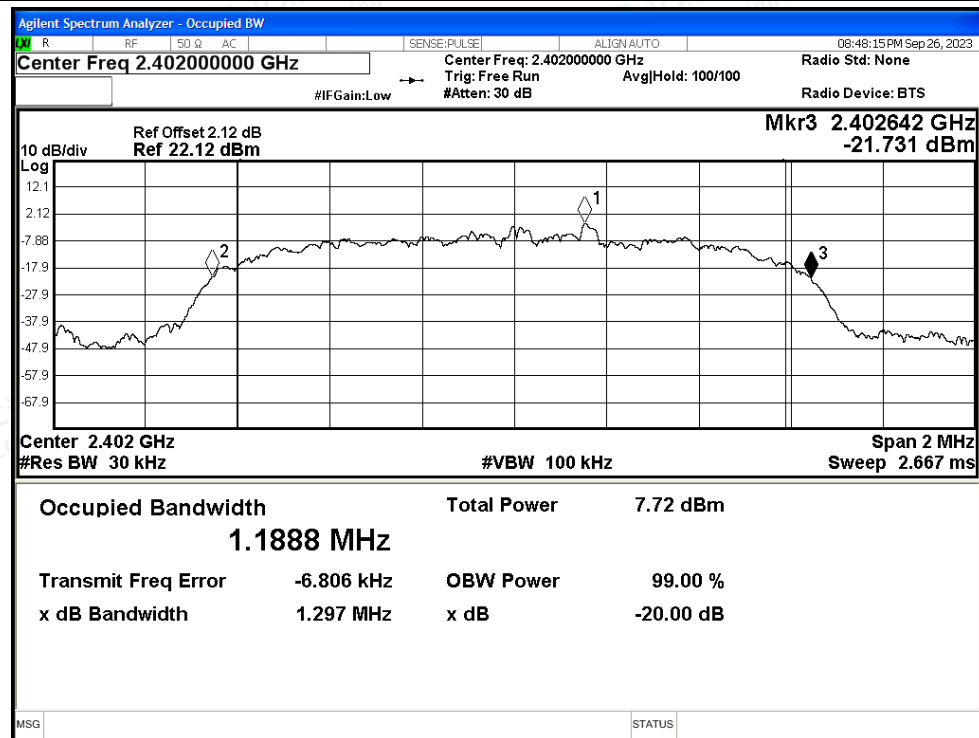
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

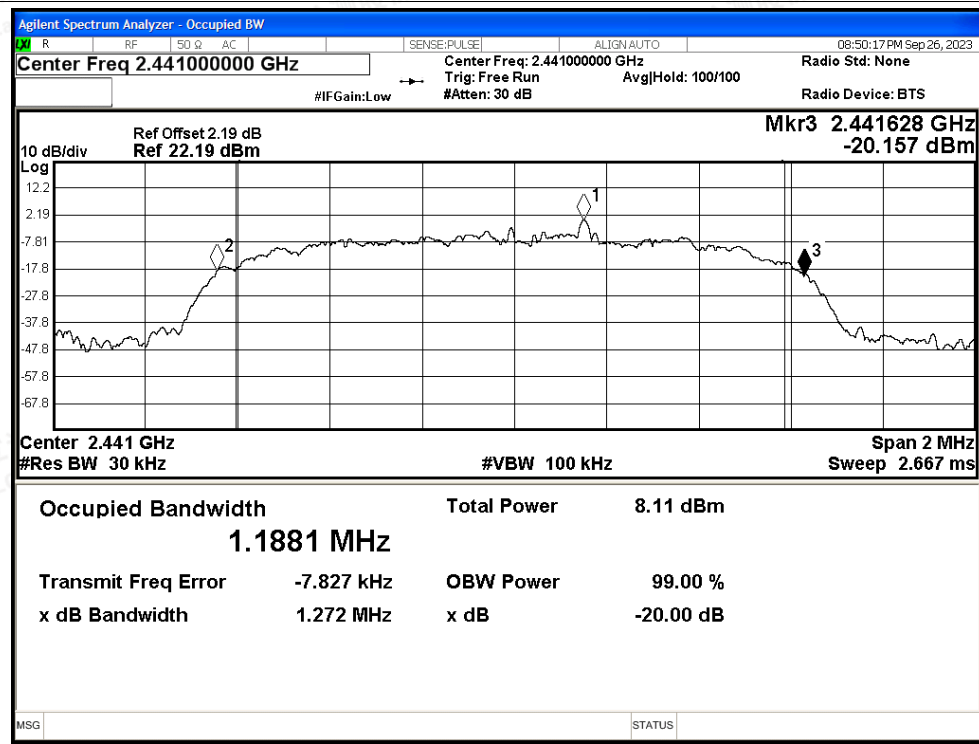
Scan code to check authenticity



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

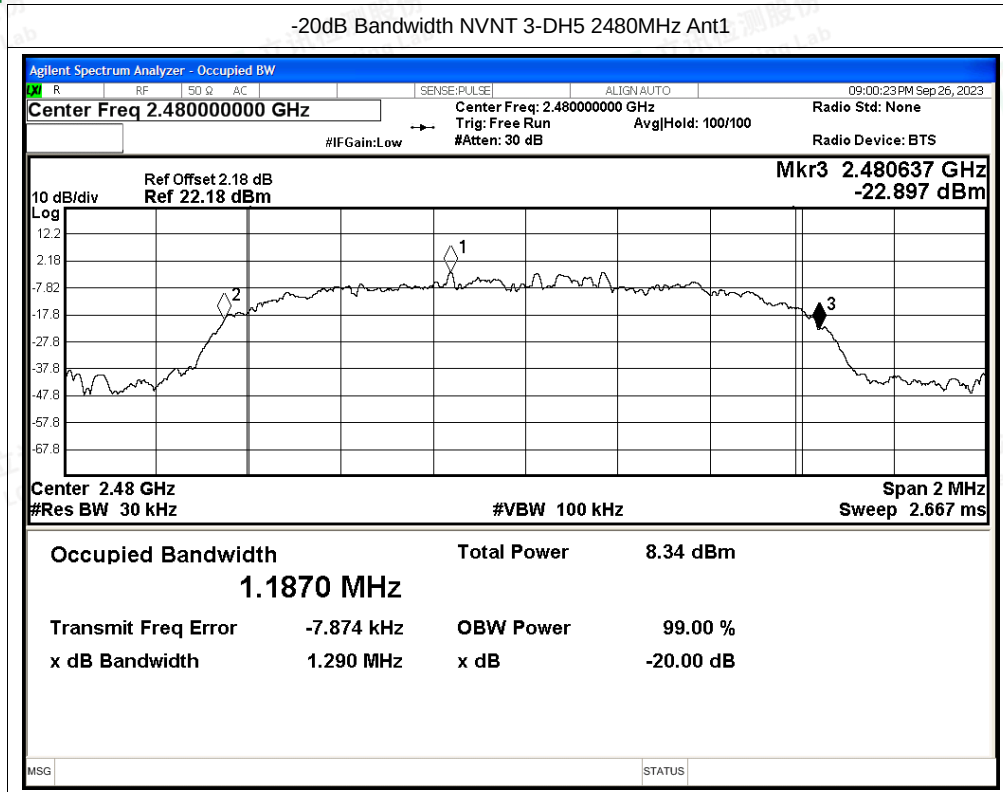


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A.2 Maximum Conducted Output Power

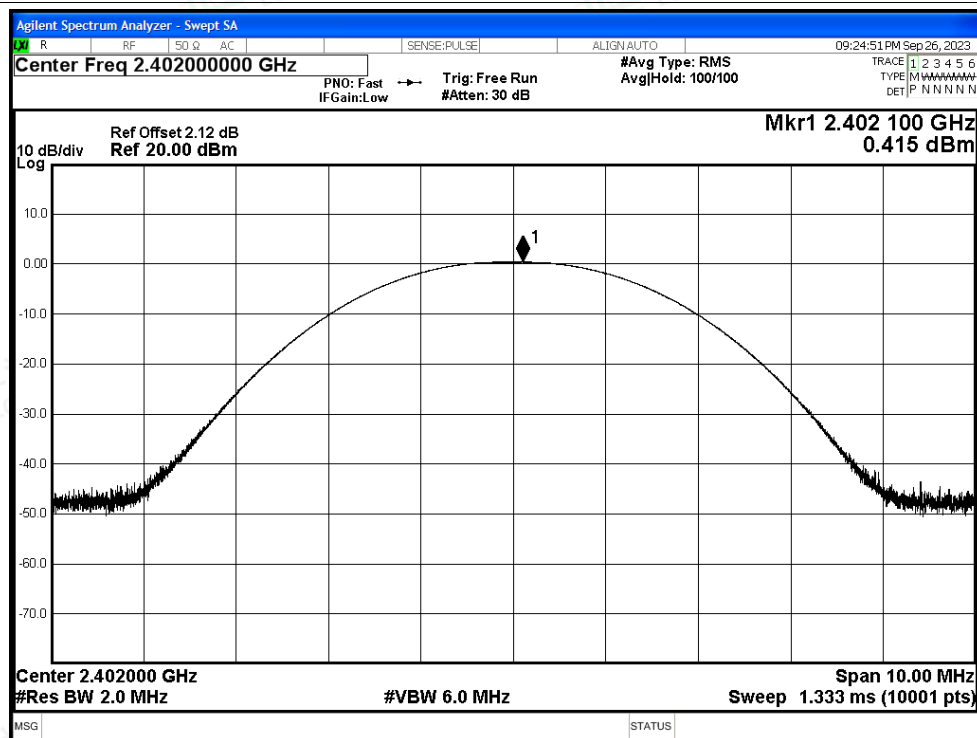
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.42	21	Pass
NVNT	1-DH5	2441	Ant1	0.51	21	Pass
NVNT	1-DH5	2480	Ant1	0.54	21	Pass
NVNT	2-DH5	2402	Ant1	0.12	21	Pass
NVNT	2-DH5	2441	Ant1	0.34	21	Pass
NVNT	2-DH5	2480	Ant1	0.34	21	Pass
NVNT	3-DH5	2402	Ant1	0.15	21	Pass
NVNT	3-DH5	2441	Ant1	0.37	21	Pass
NVNT	3-DH5	2480	Ant1	0.42	21	Pass



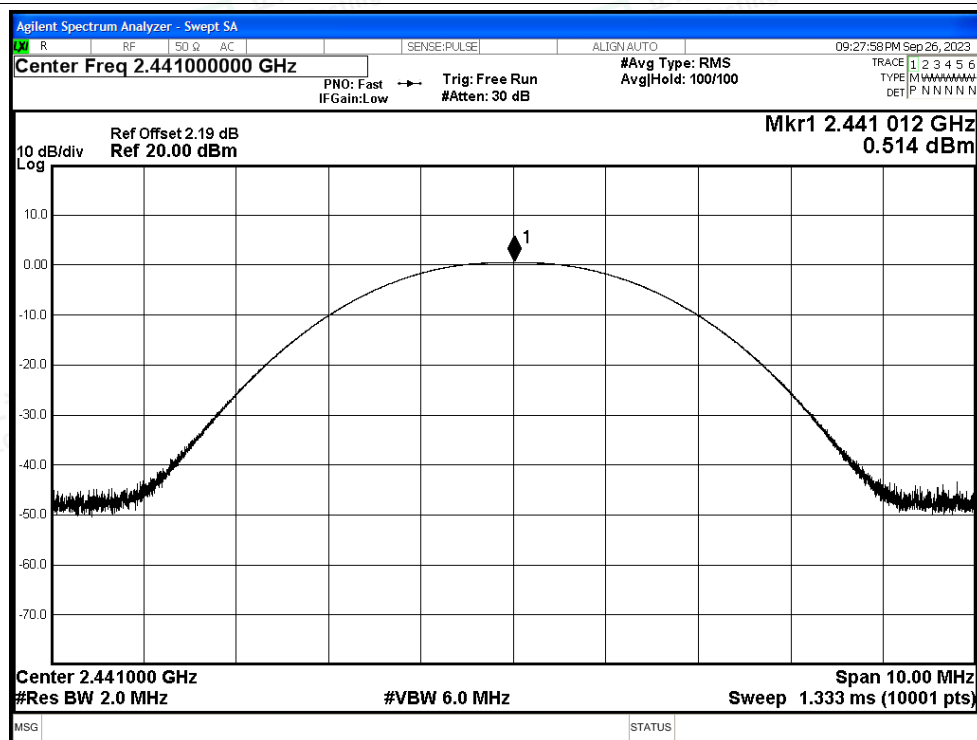


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

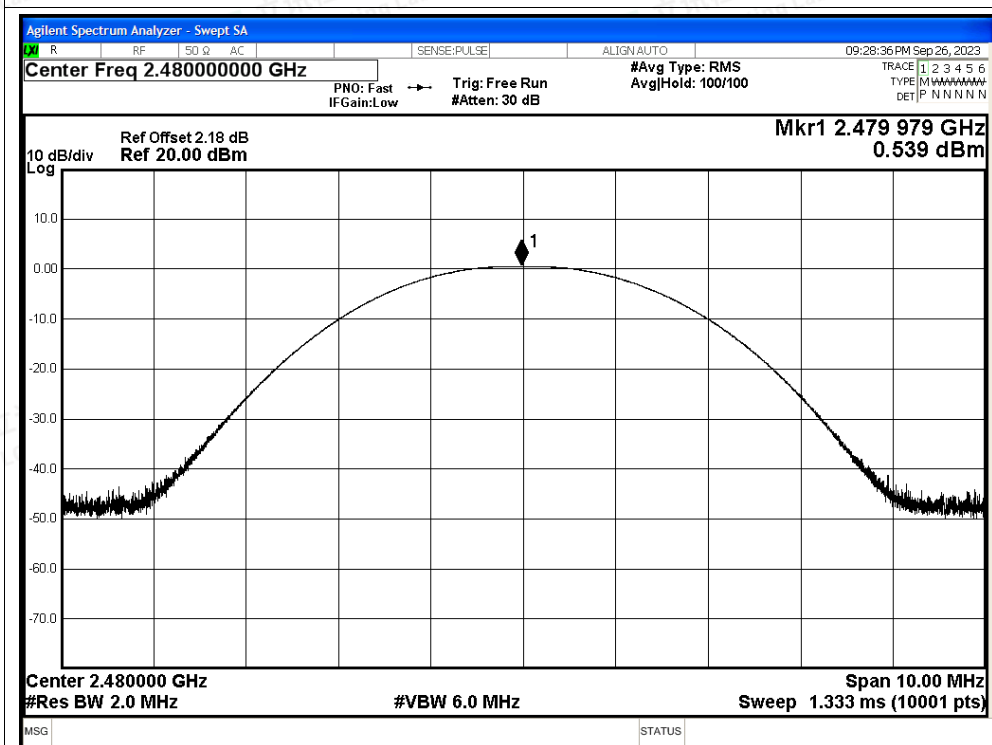


Power NVNT 1-DH5 2441MHz Ant1

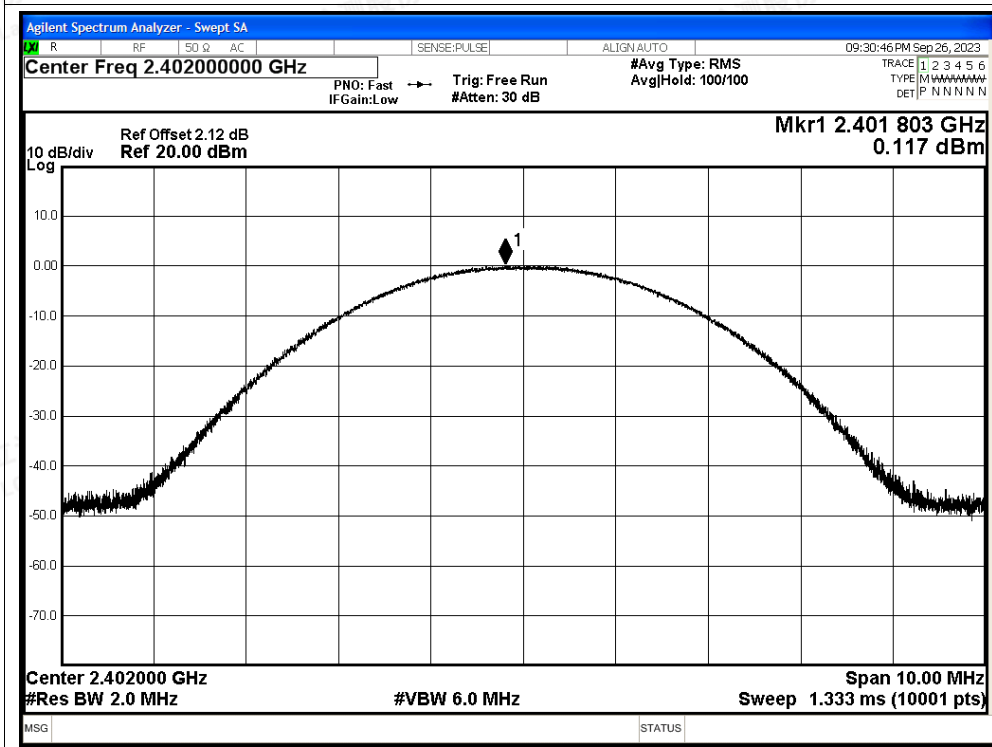




Power NVNT 1-DH5 2480MHz Ant1

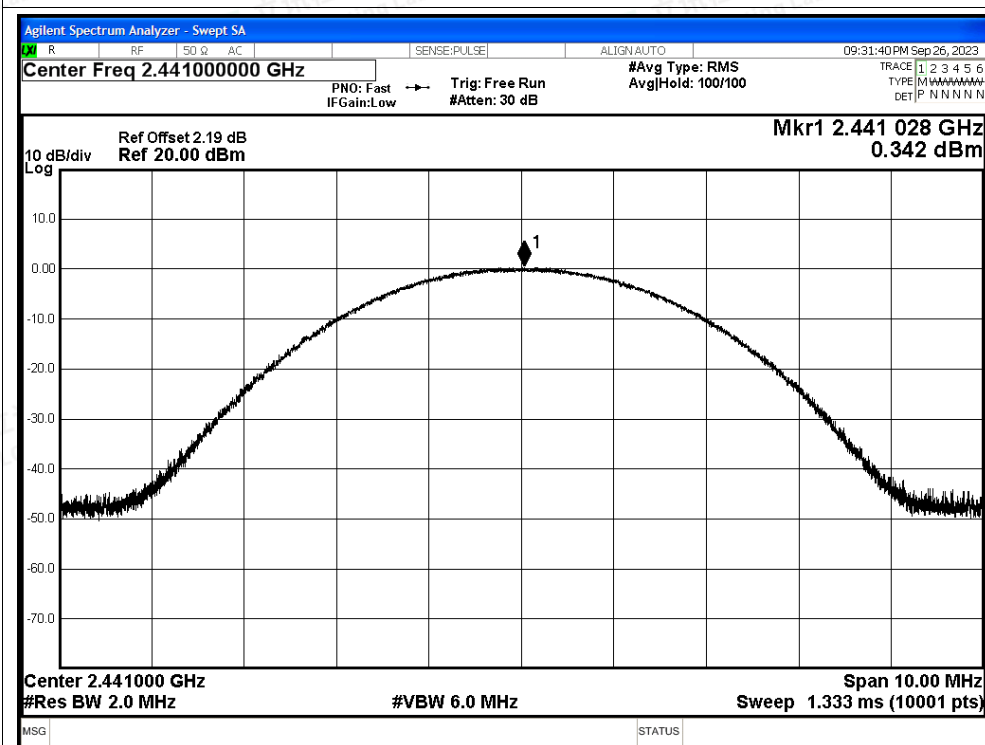


Power NVNT 2-DH5 2402MHz Ant1

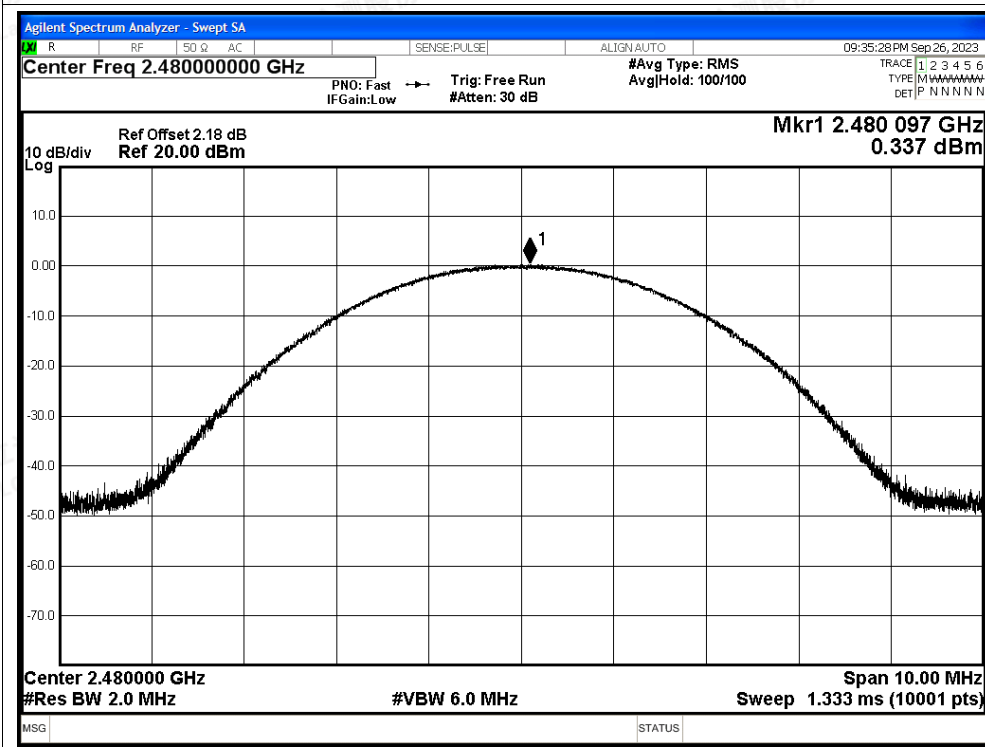




Power NVNT 2-DH5 2441MHz Ant1

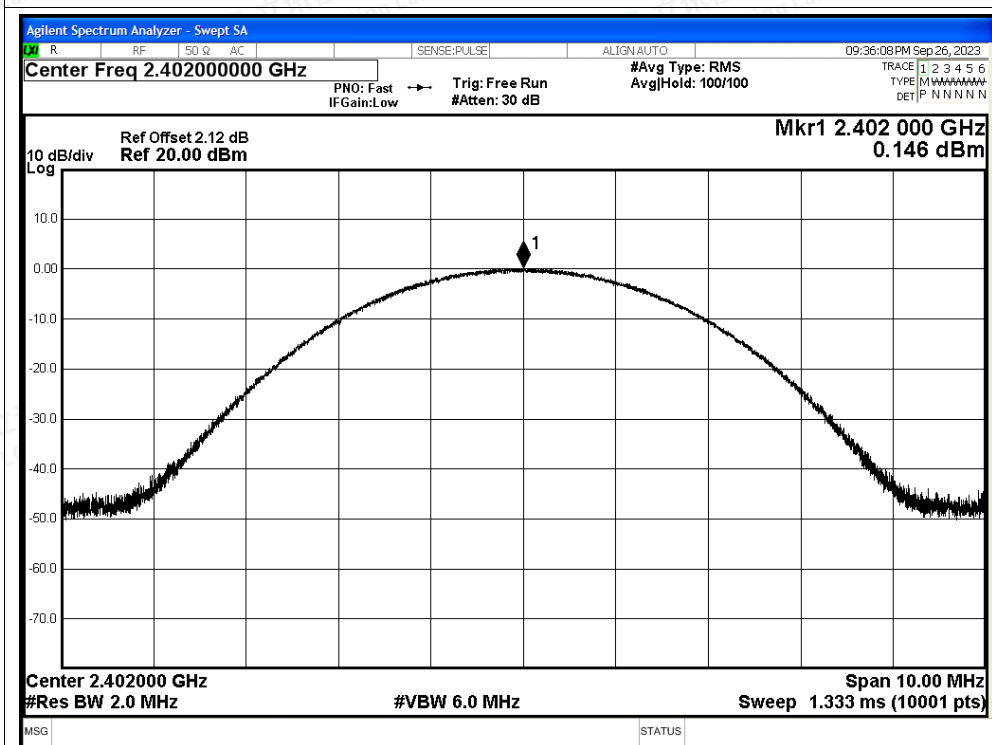


Power NVNT 2-DH5 2480MHz Ant1

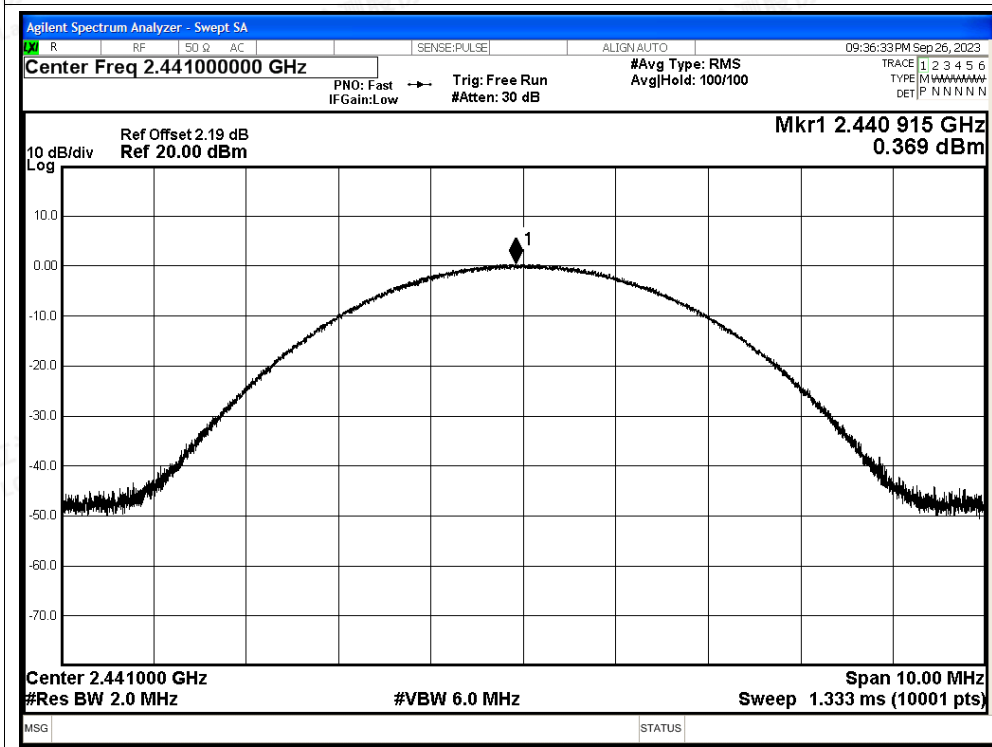


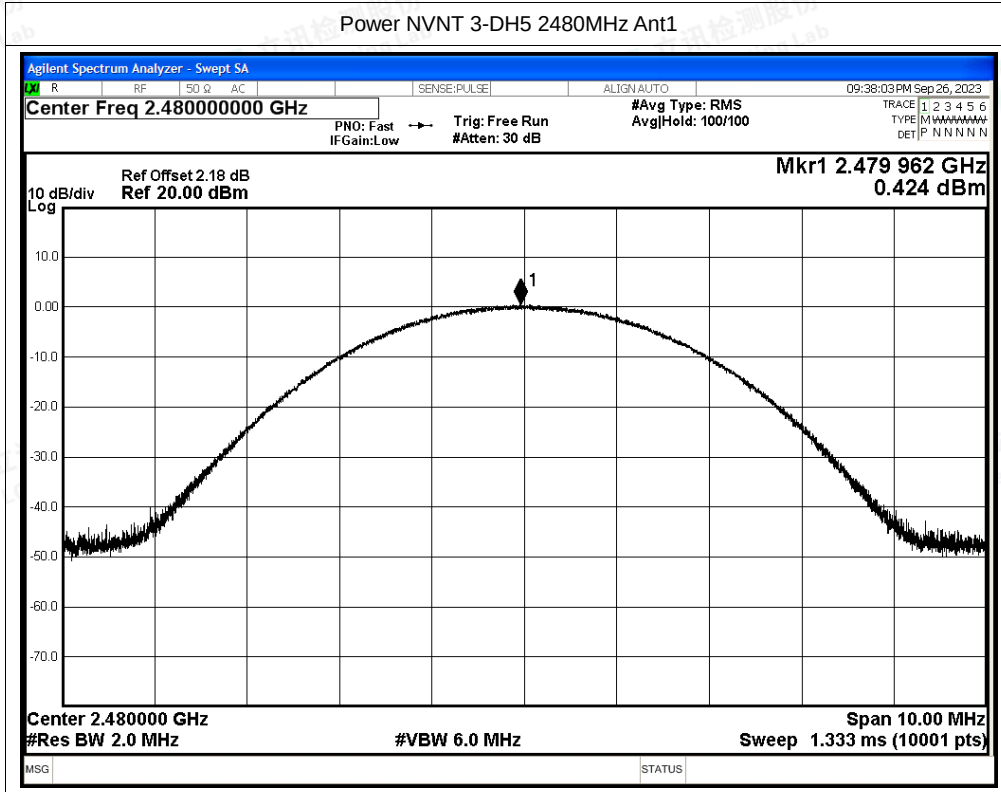


Power NVNT 3-DH5 2402MHz Ant1



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	2401.964	2402.964	1	0.690	Pass
NVNT	2-DH5	Ant1	2401.826	2402.94	1.114	0.879	Pass
NVNT	3-DH5	Ant1	2402.156	2403.162	1.006	0.865	Pass

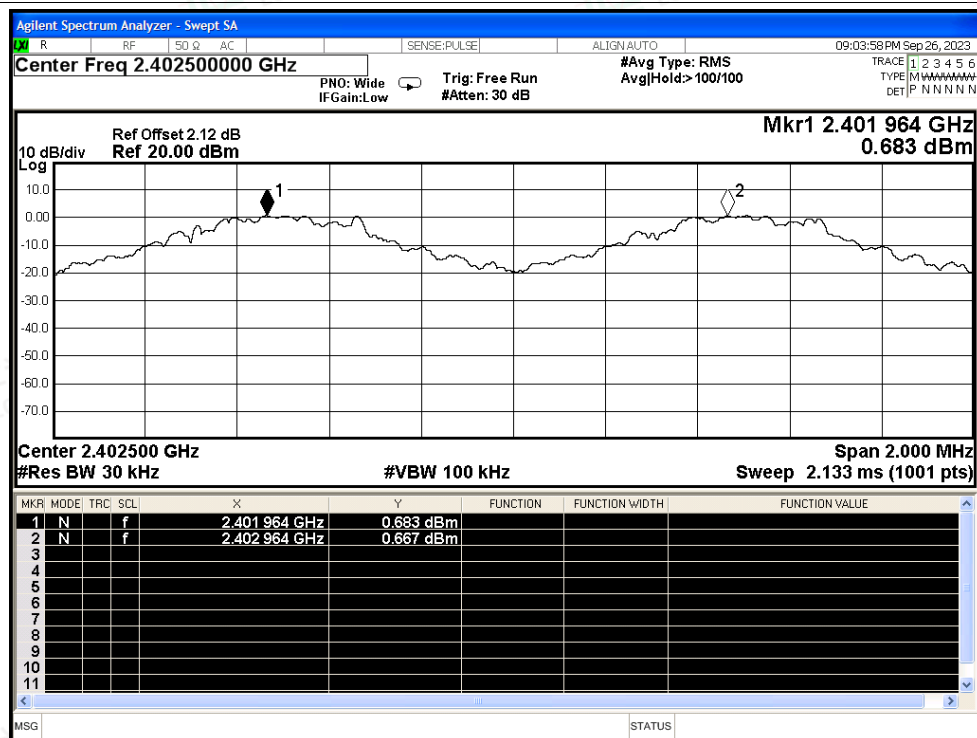


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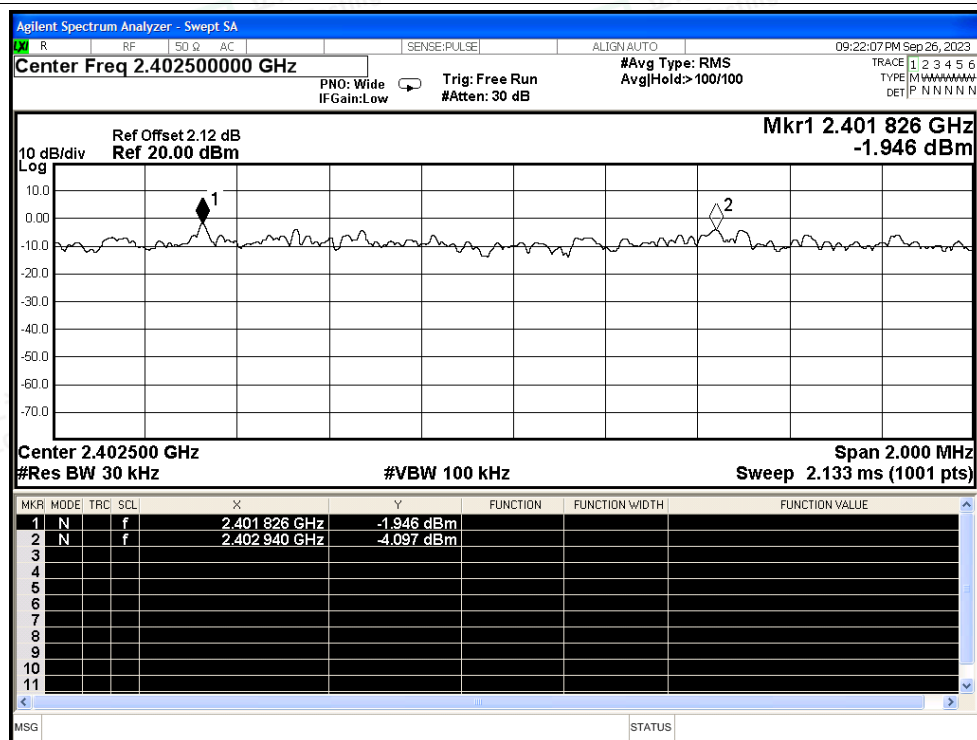


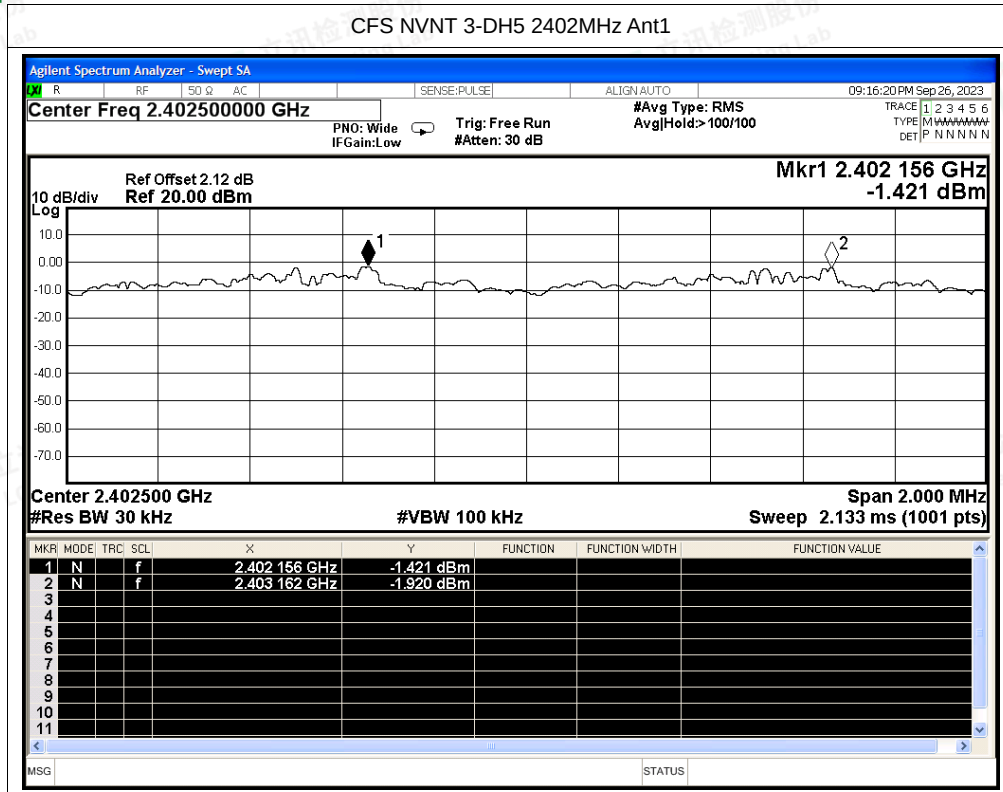
Test Graphs

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	2.881	314.029	109	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	291.385	101	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.886	297.258	103	31600	400	Pass

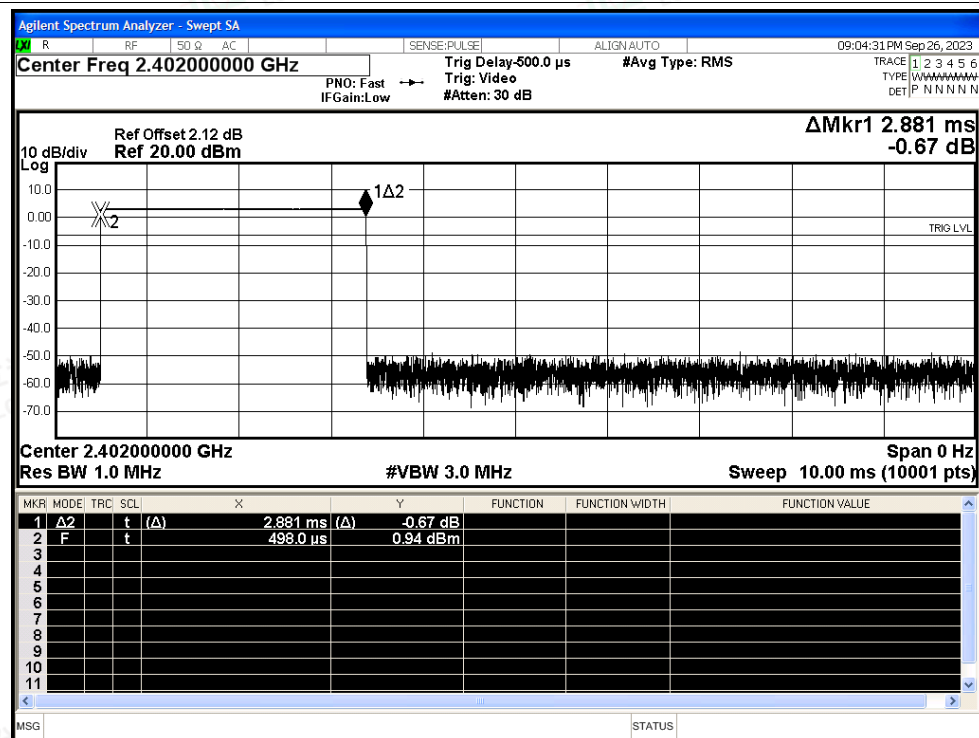


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Scan code to check authenticity

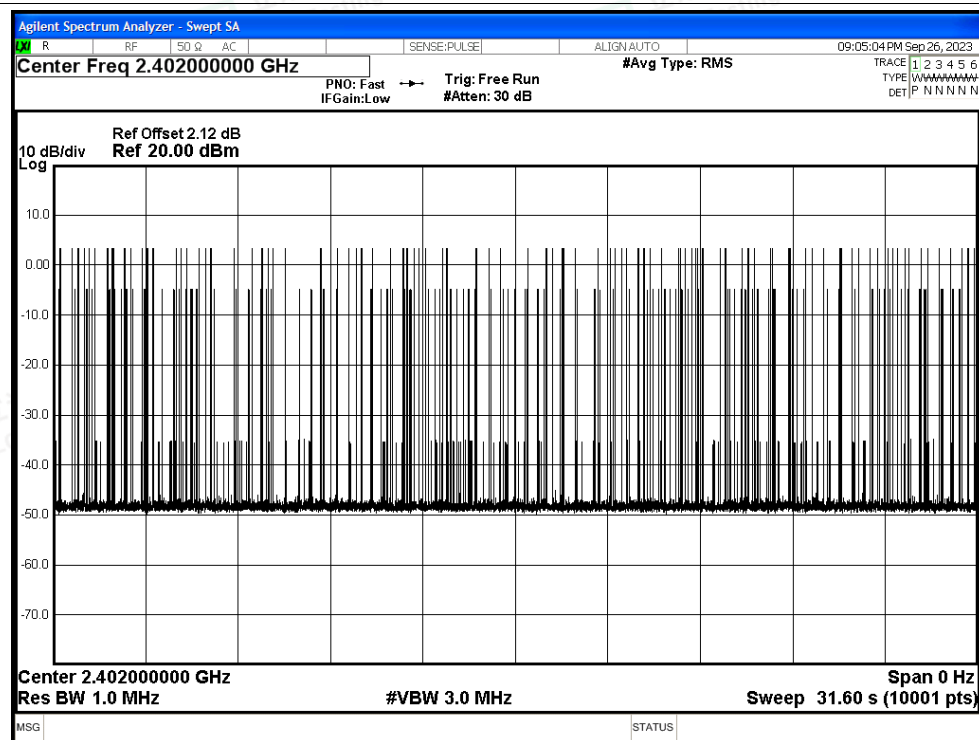


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

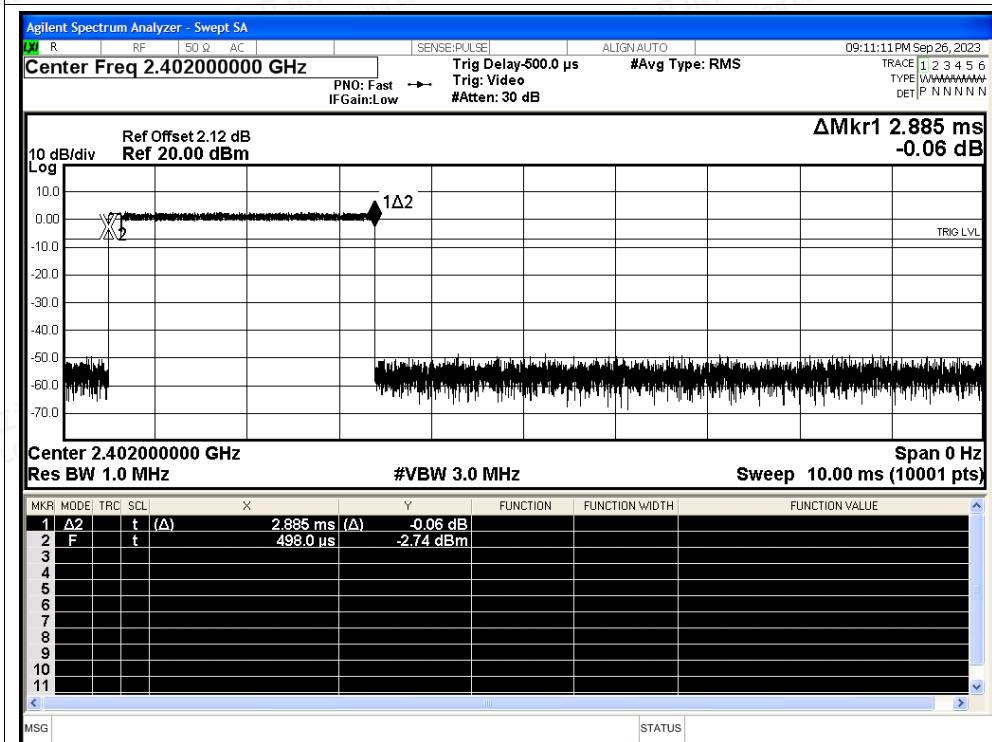


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

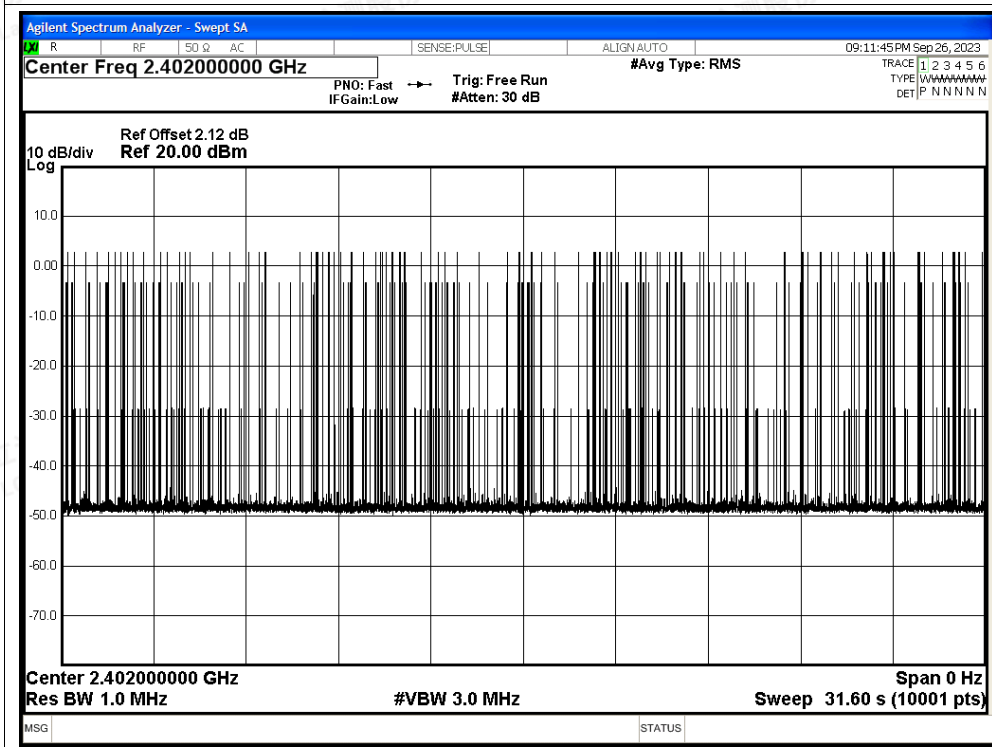


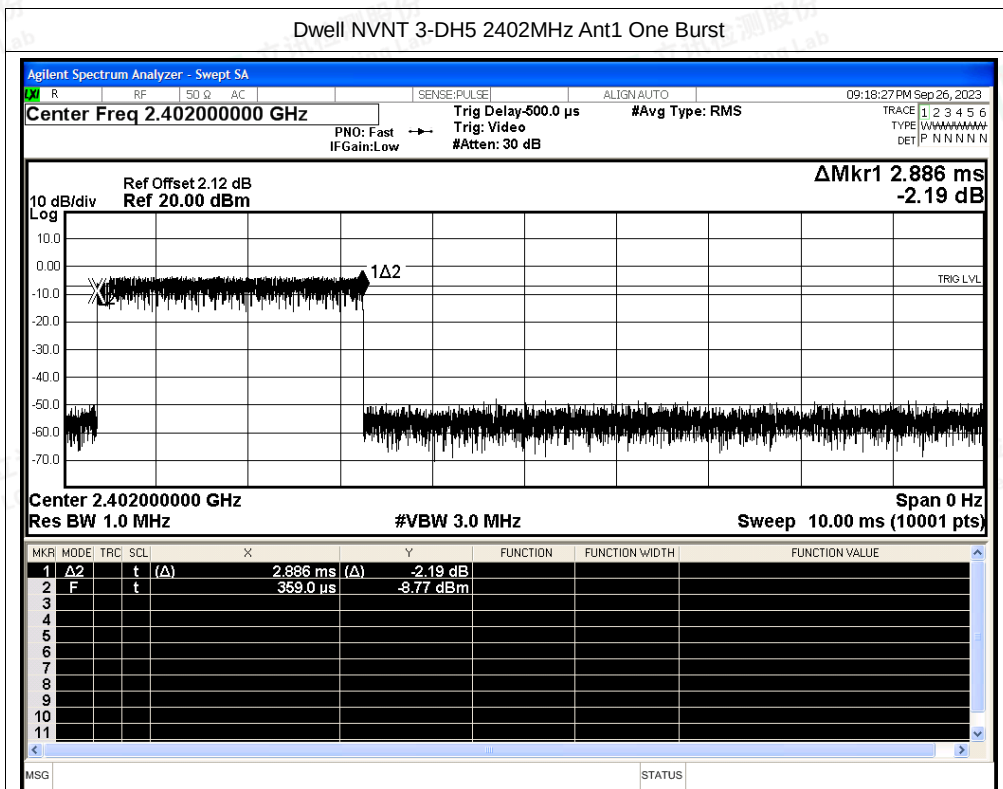


Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

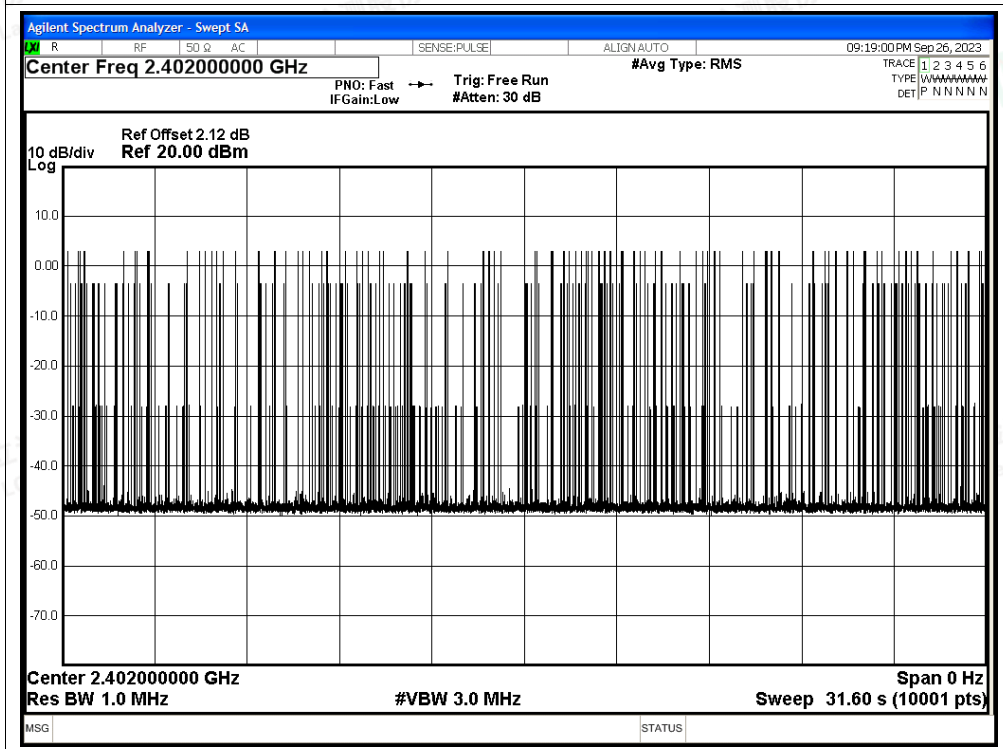


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated





Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





A.5 Number of Hopping Channel

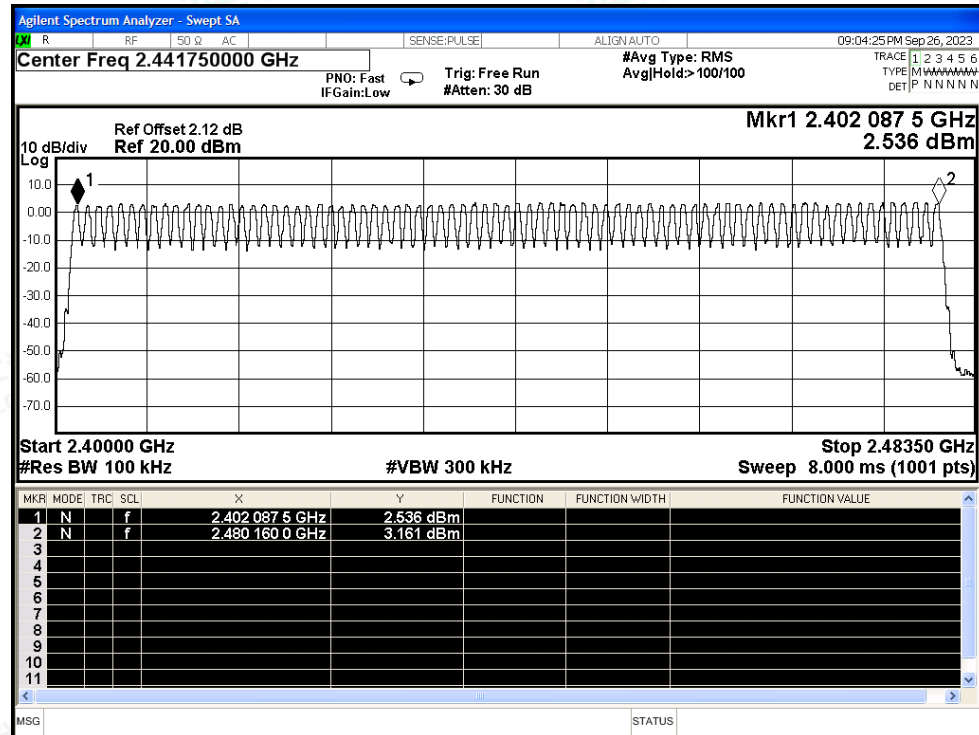
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



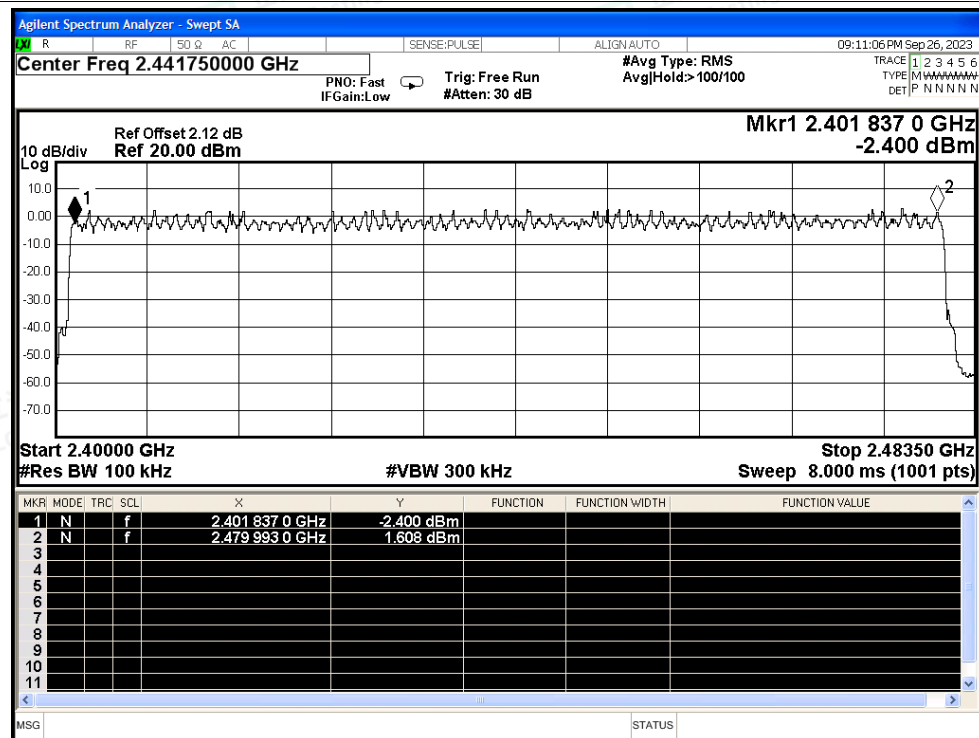


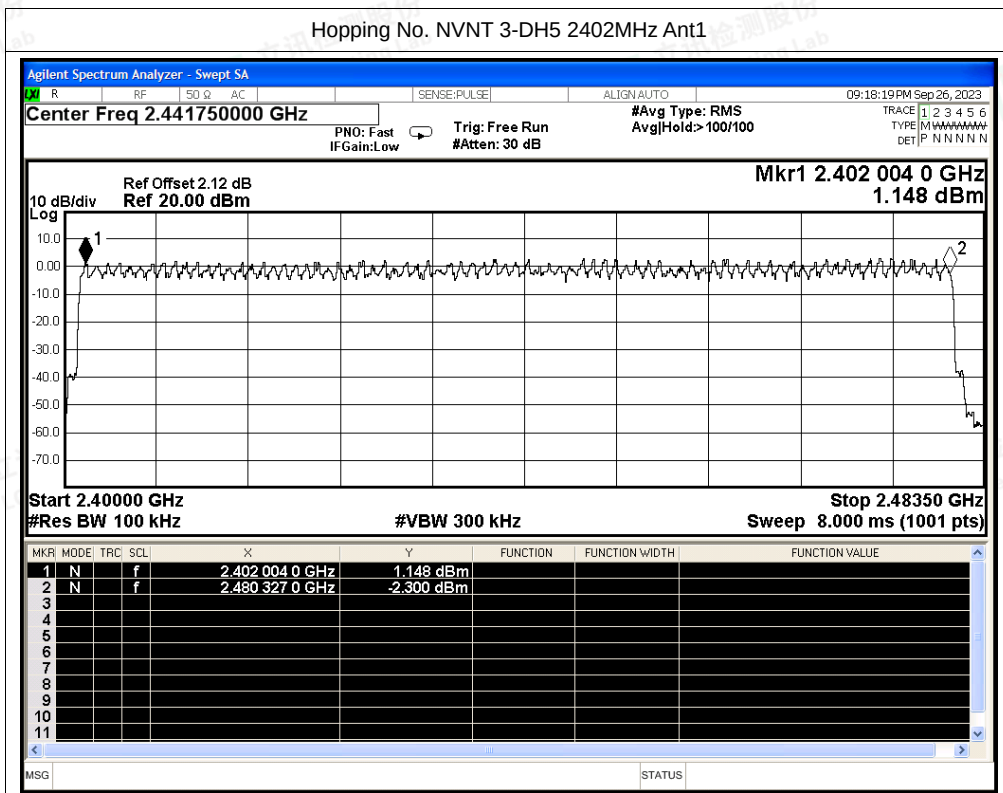
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1







A.6 Band Edge

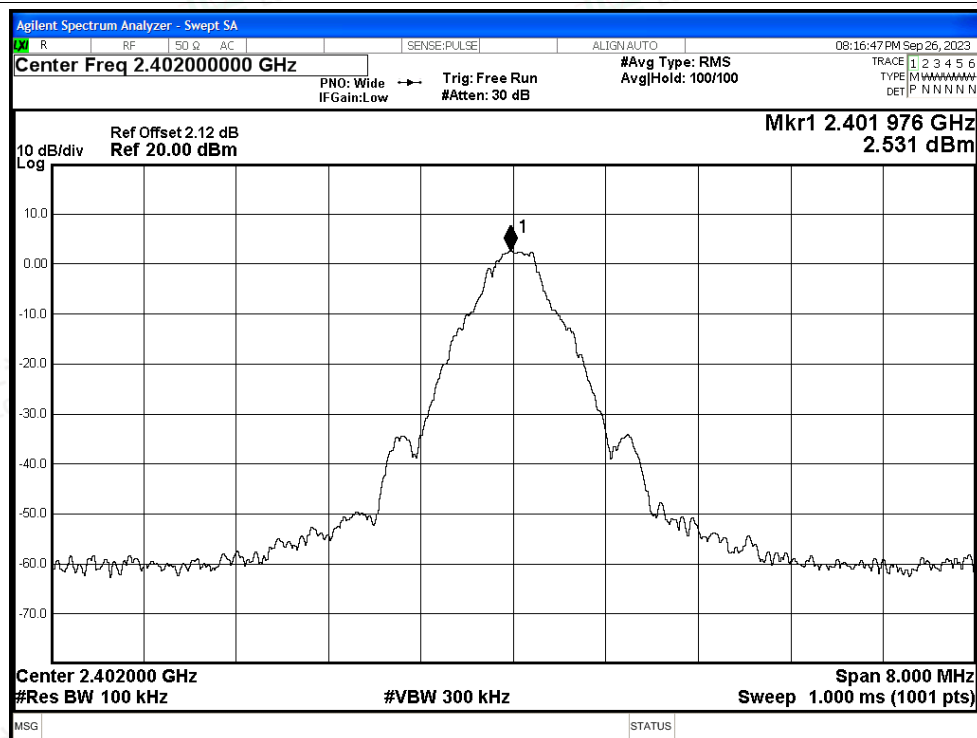
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.39	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-60.66	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-56.65	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-60.22	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-52.27	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-59.15	-20	Pass



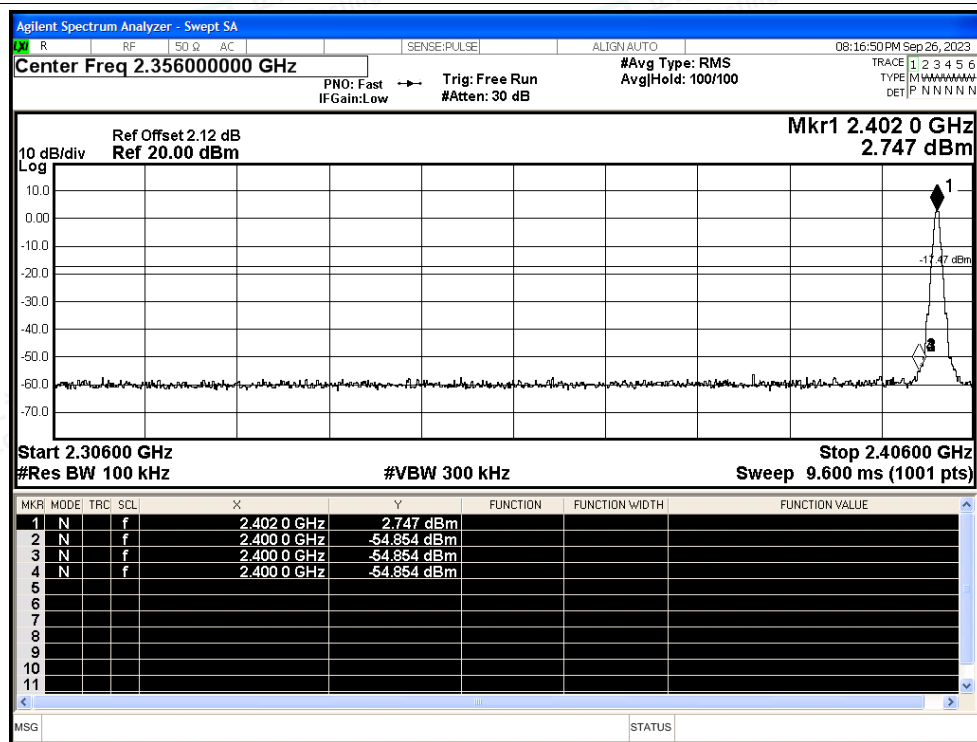


Test Graphs

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

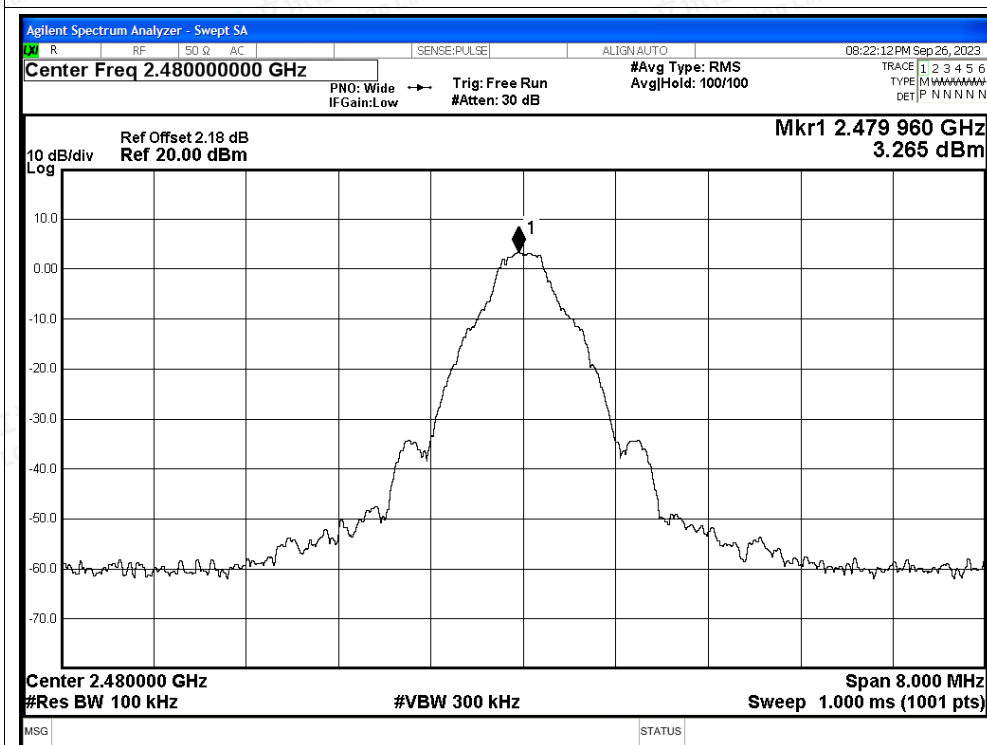


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

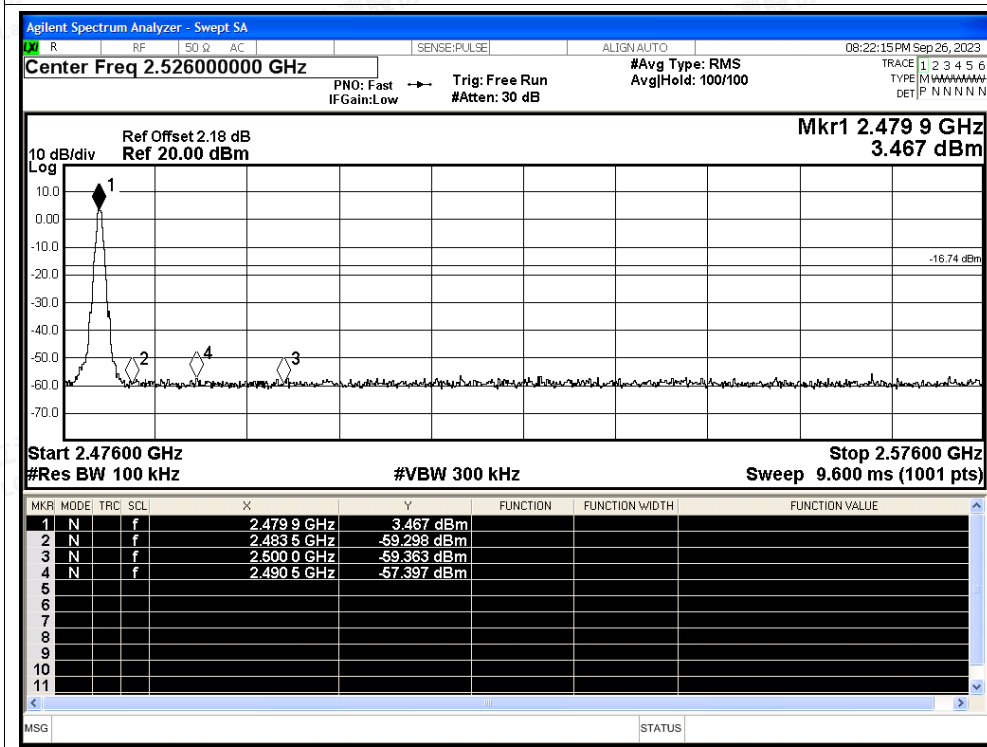




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

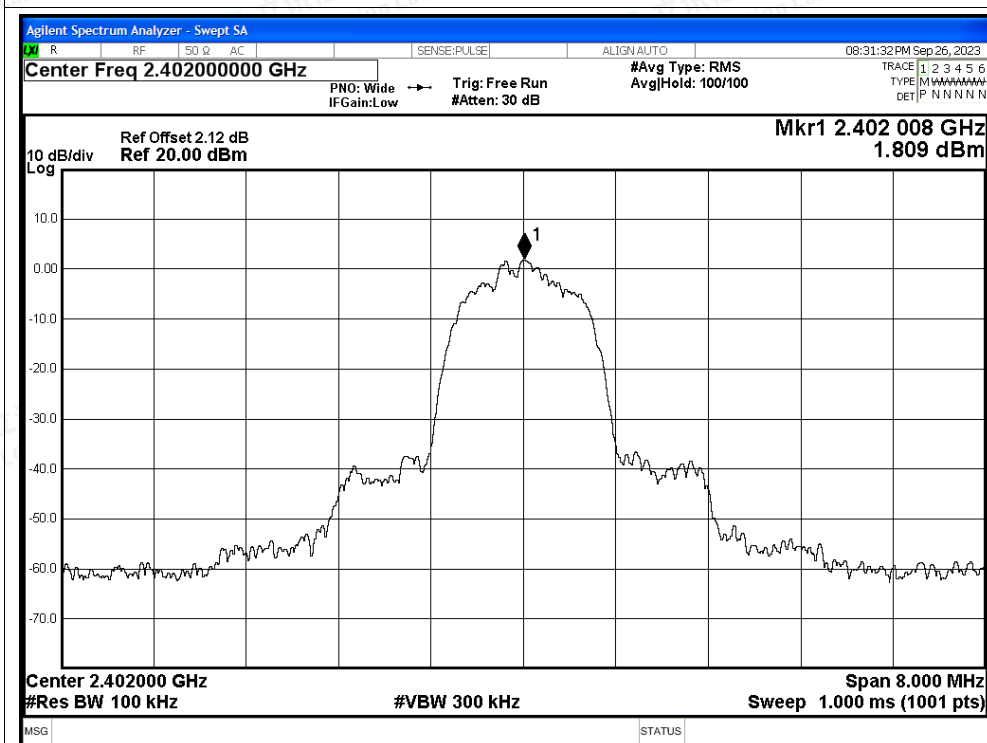


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

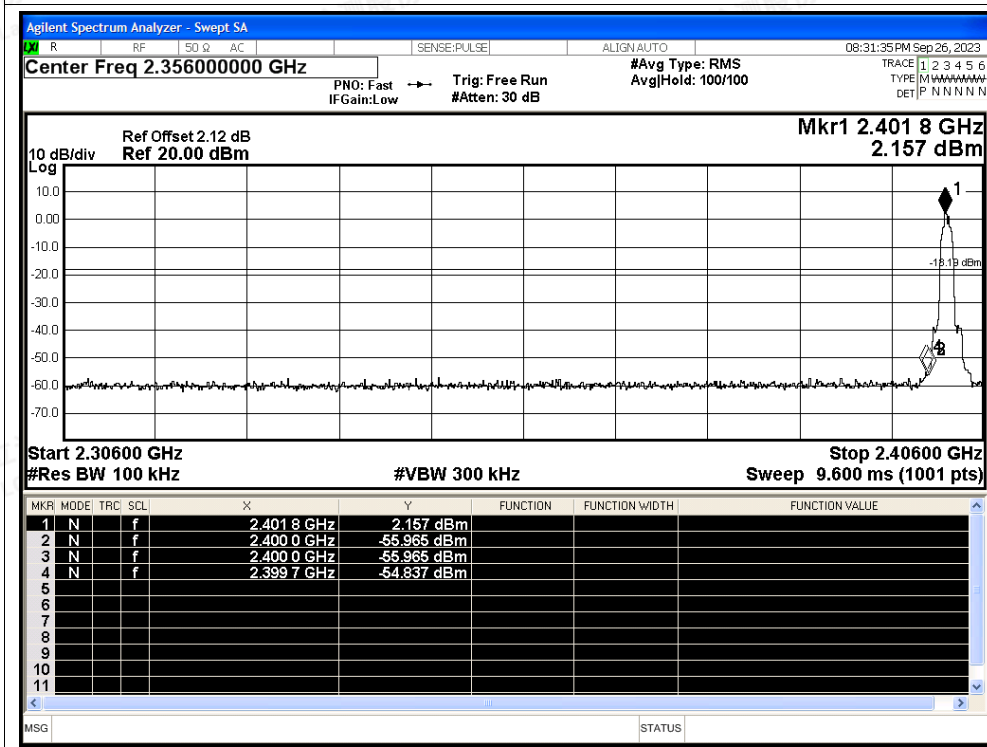




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

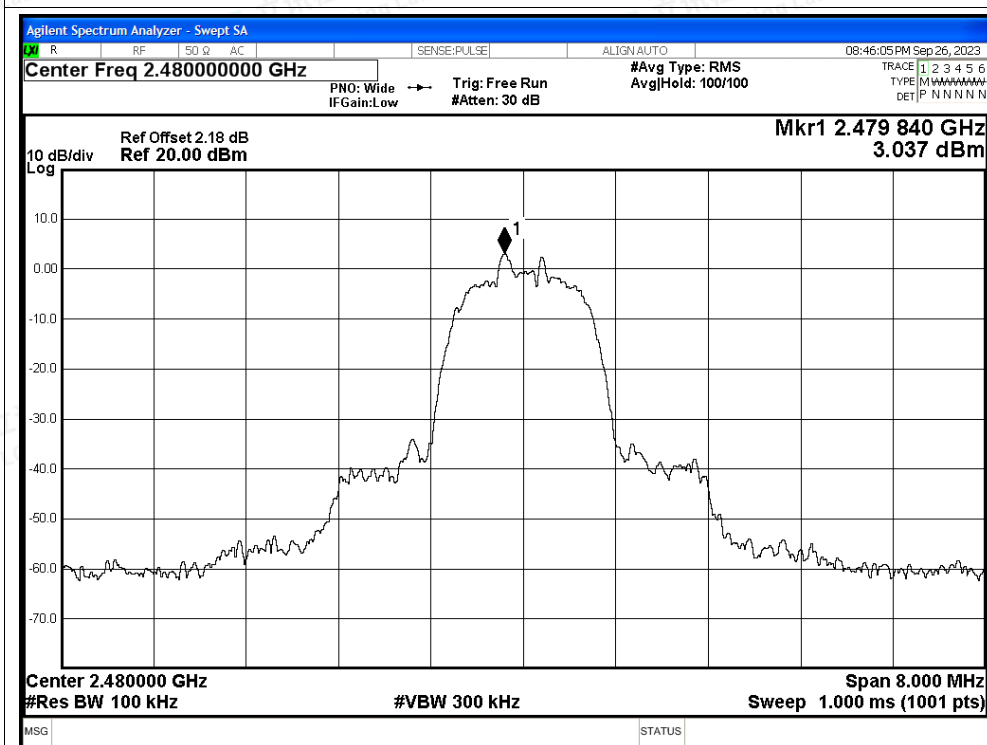


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

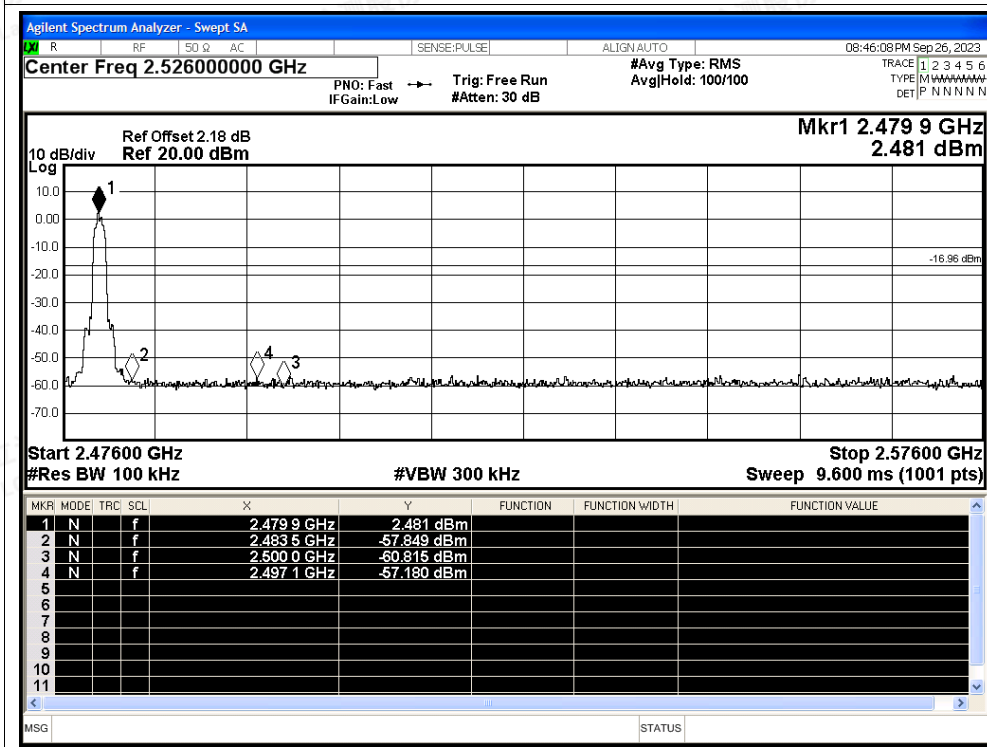




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

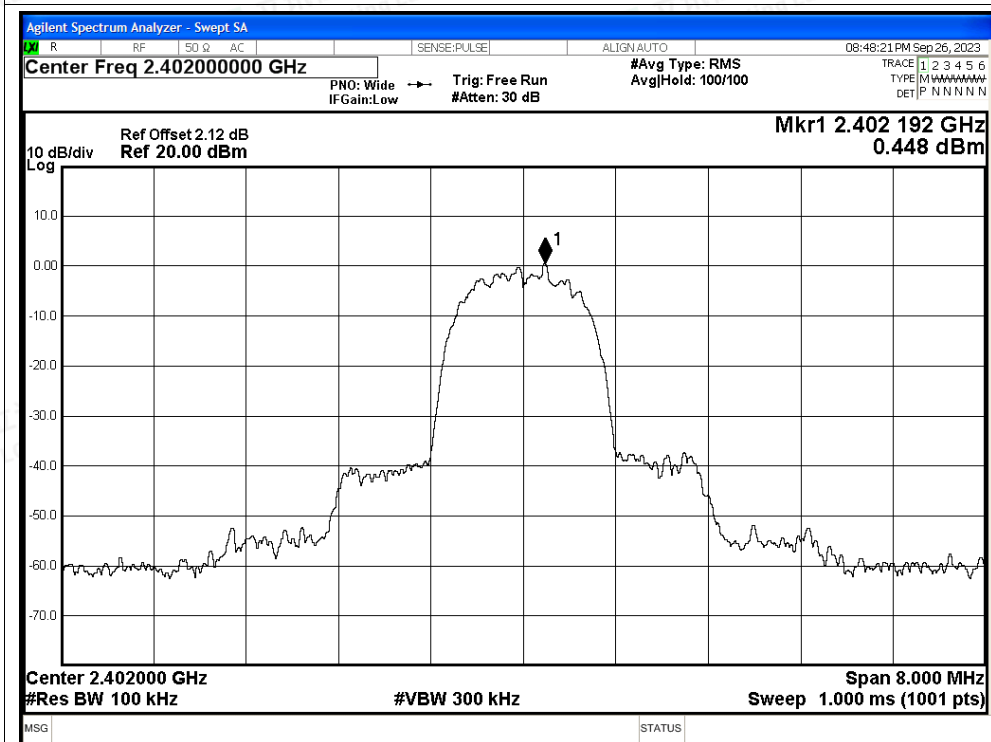


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

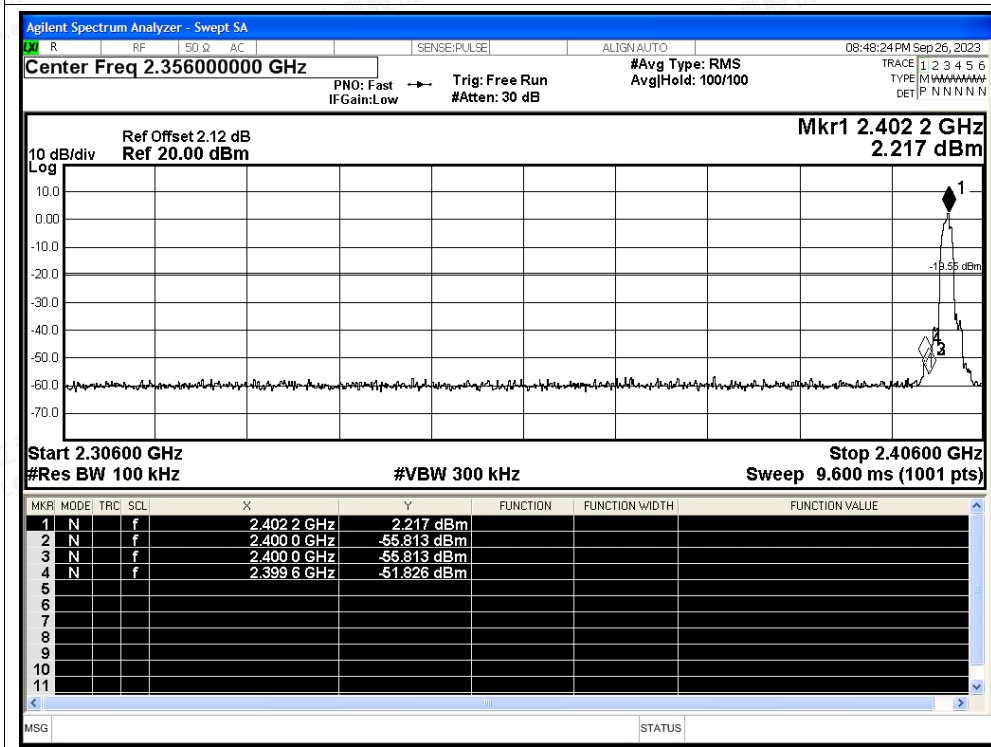




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

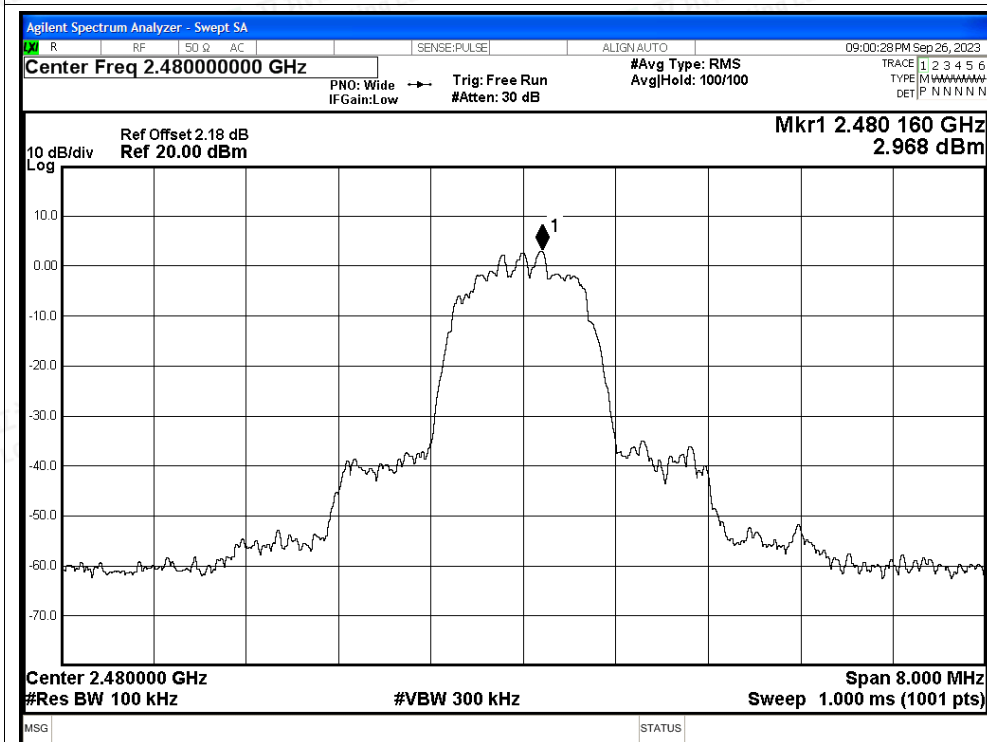


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

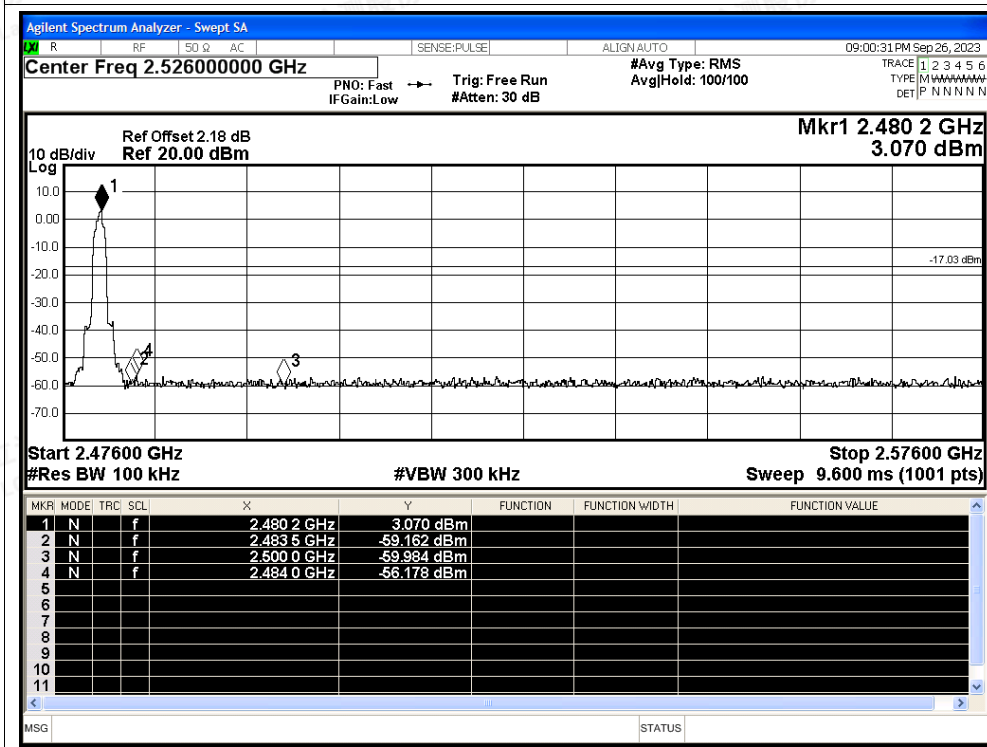




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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



**(Hopping)**

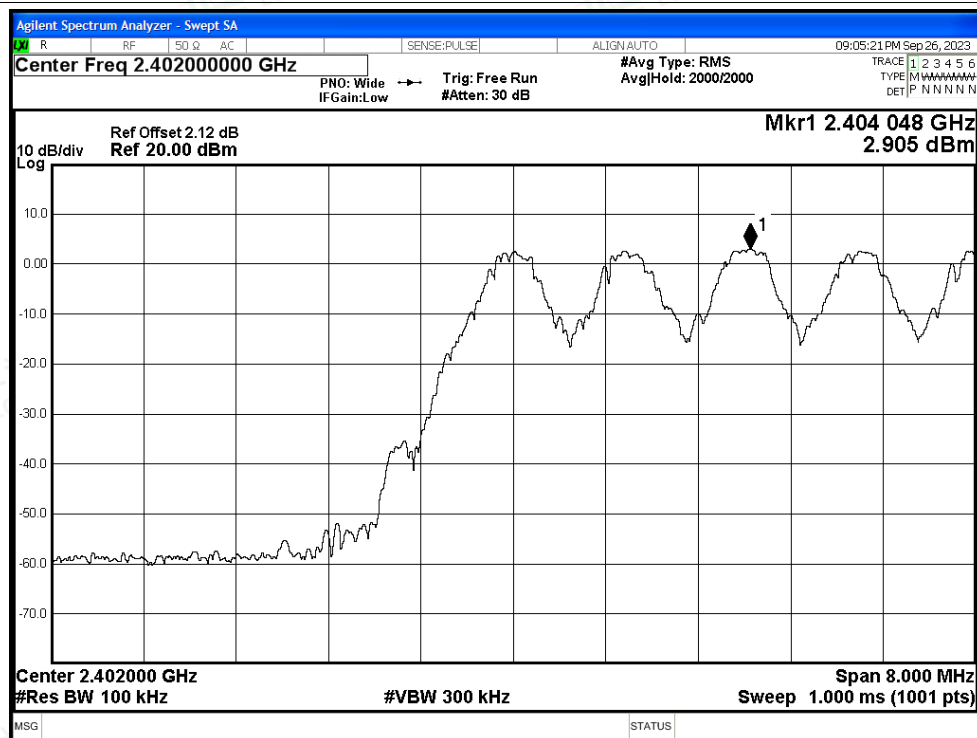
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-59.1	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-60.07	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.99	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.94	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-57.27	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-56.41	-20	Pass



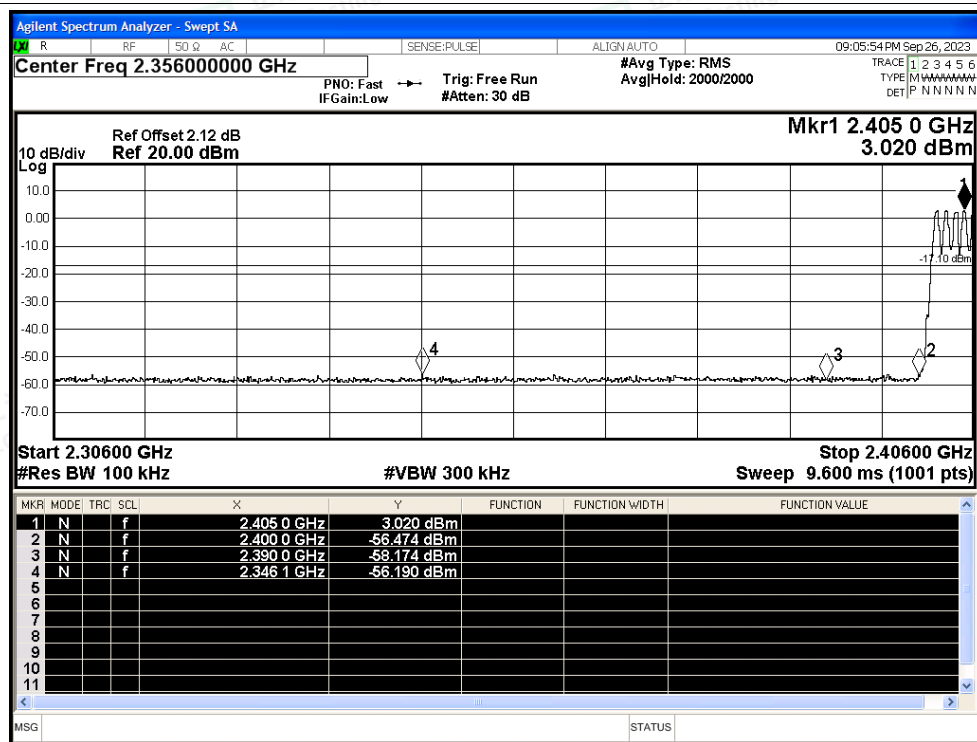


Test Graphs

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



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

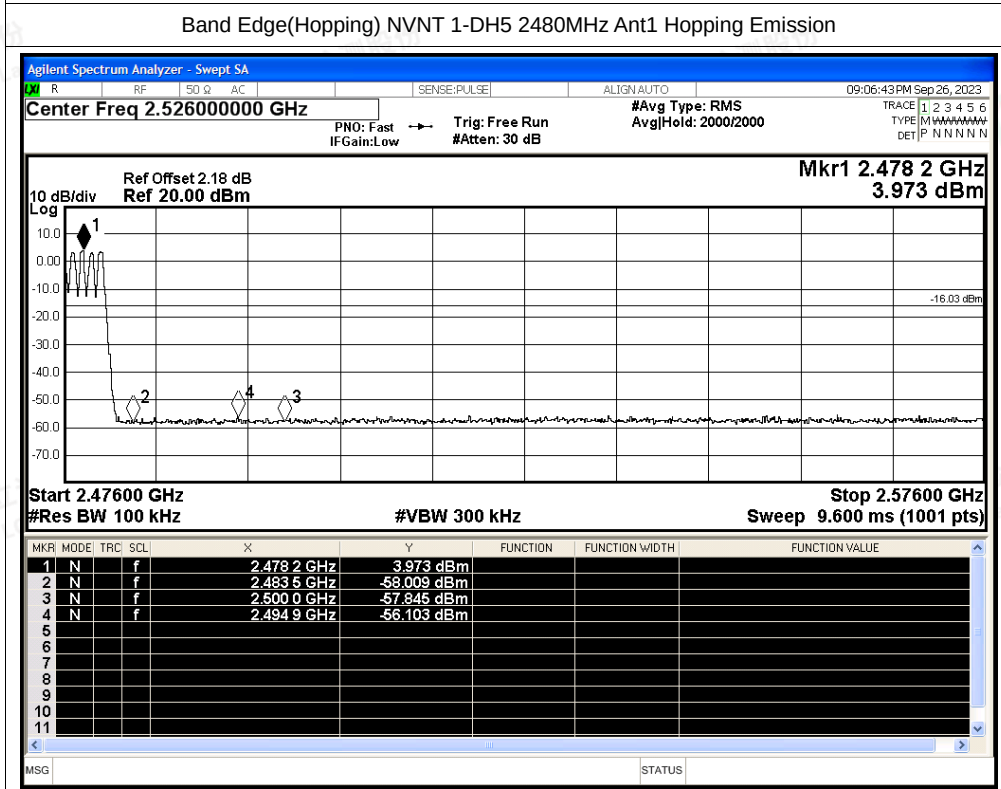
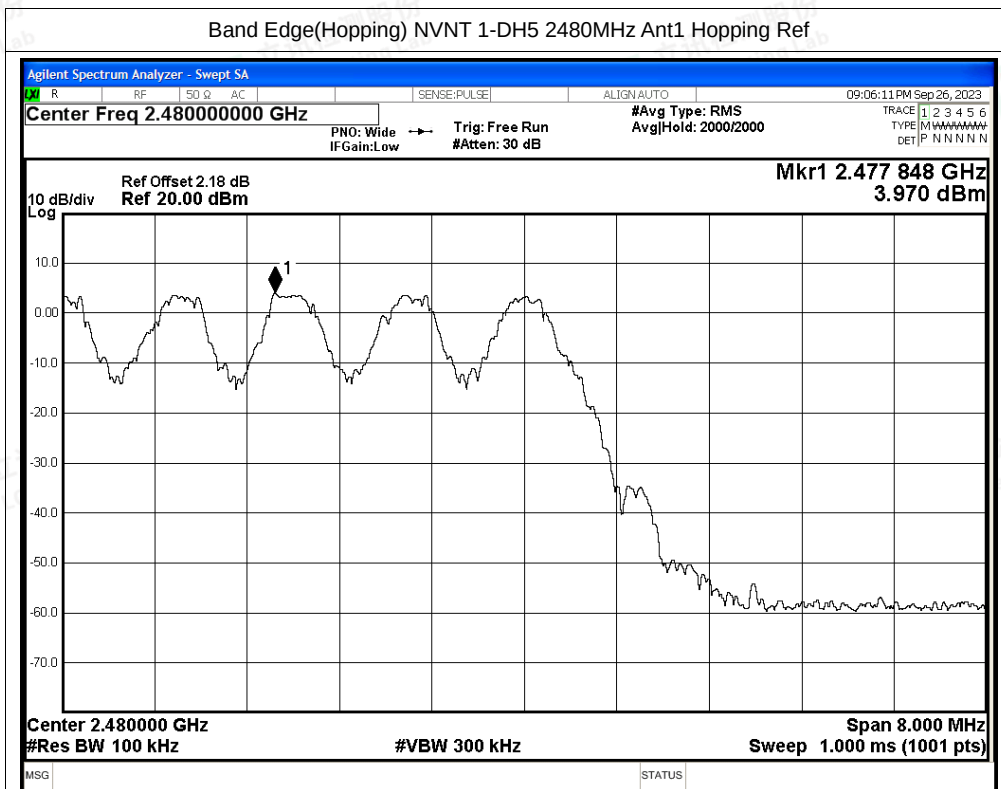


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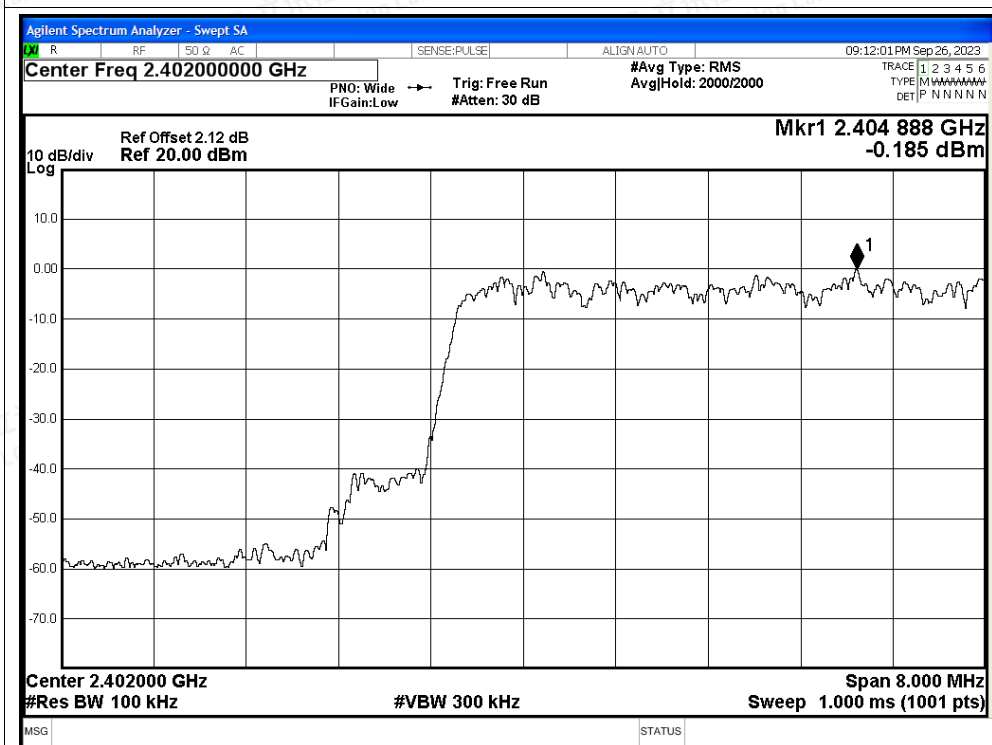
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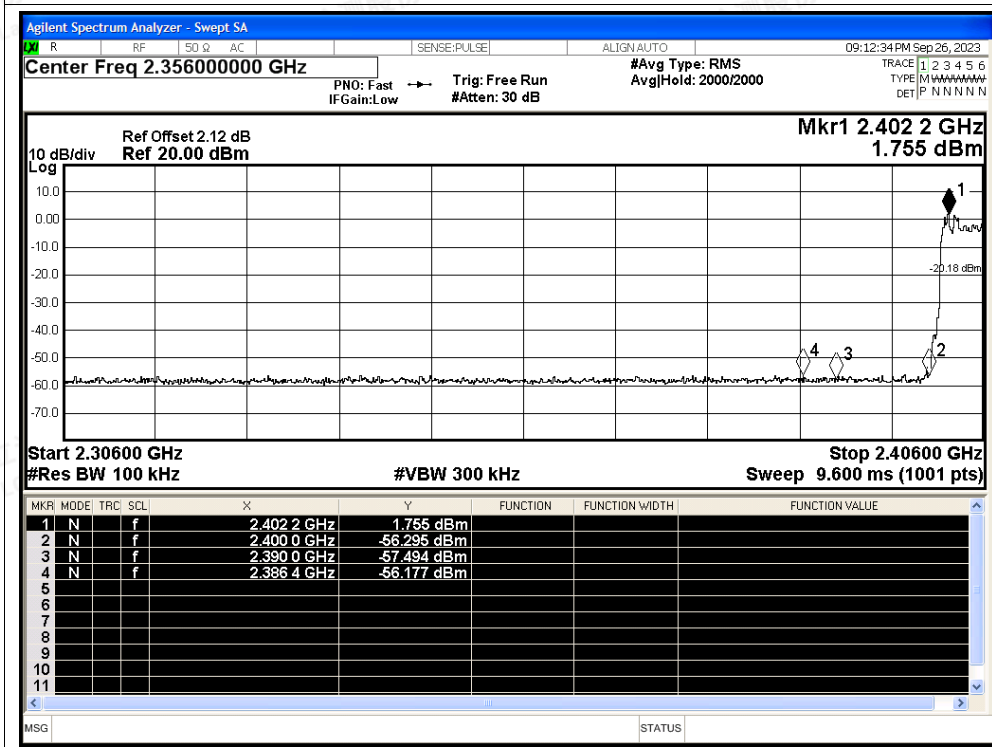


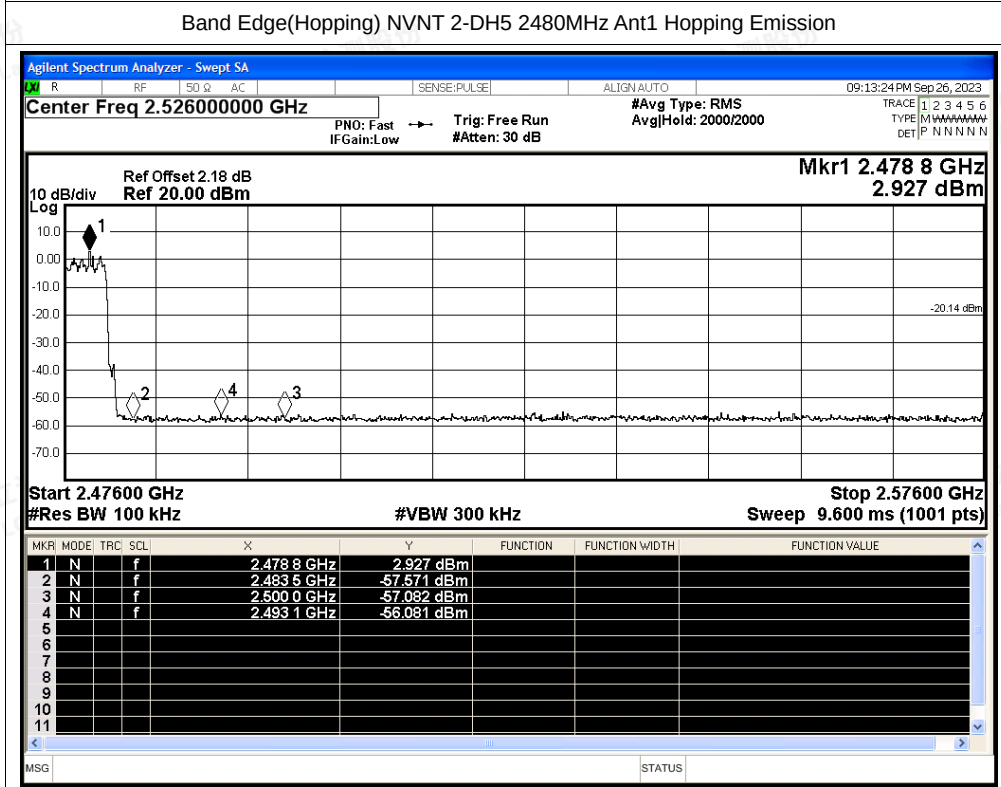
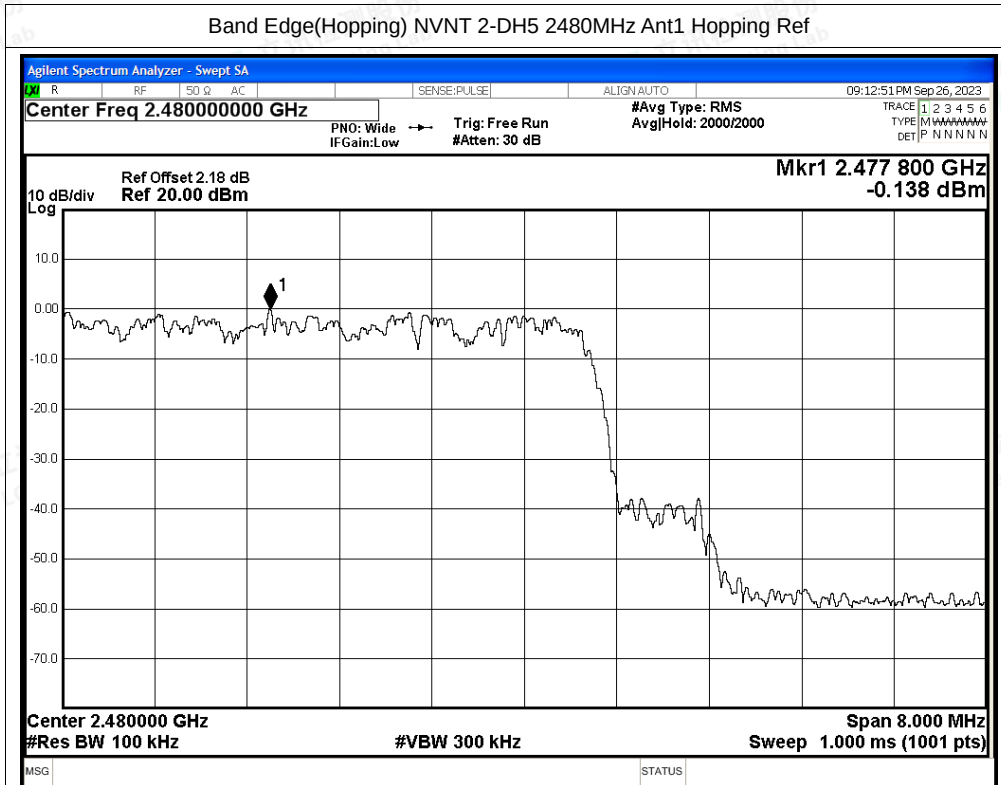


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



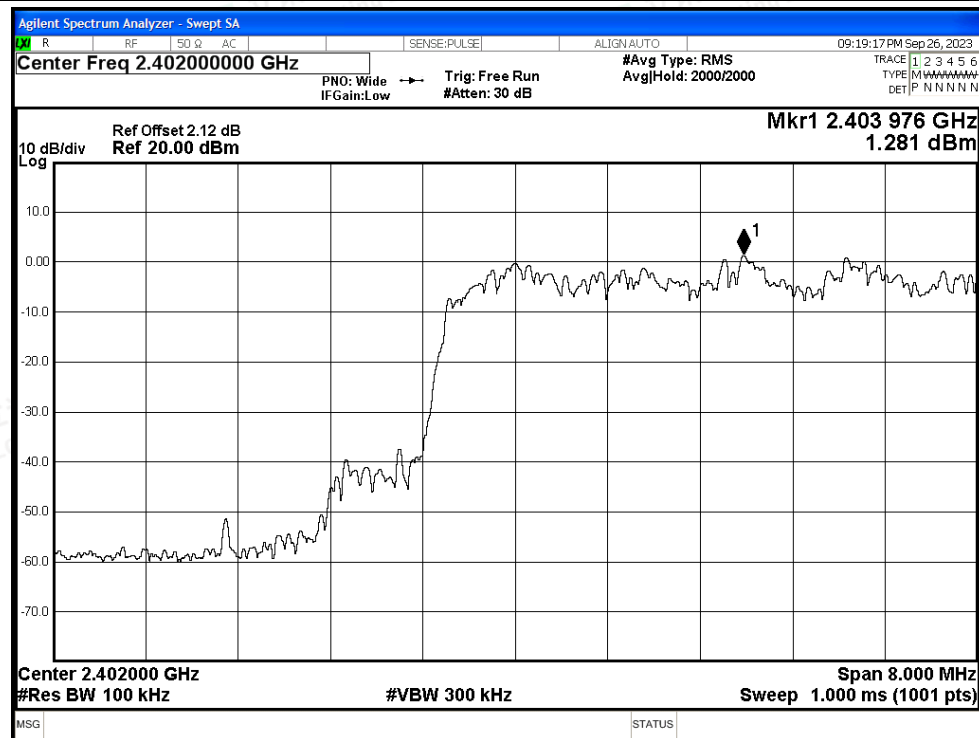
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



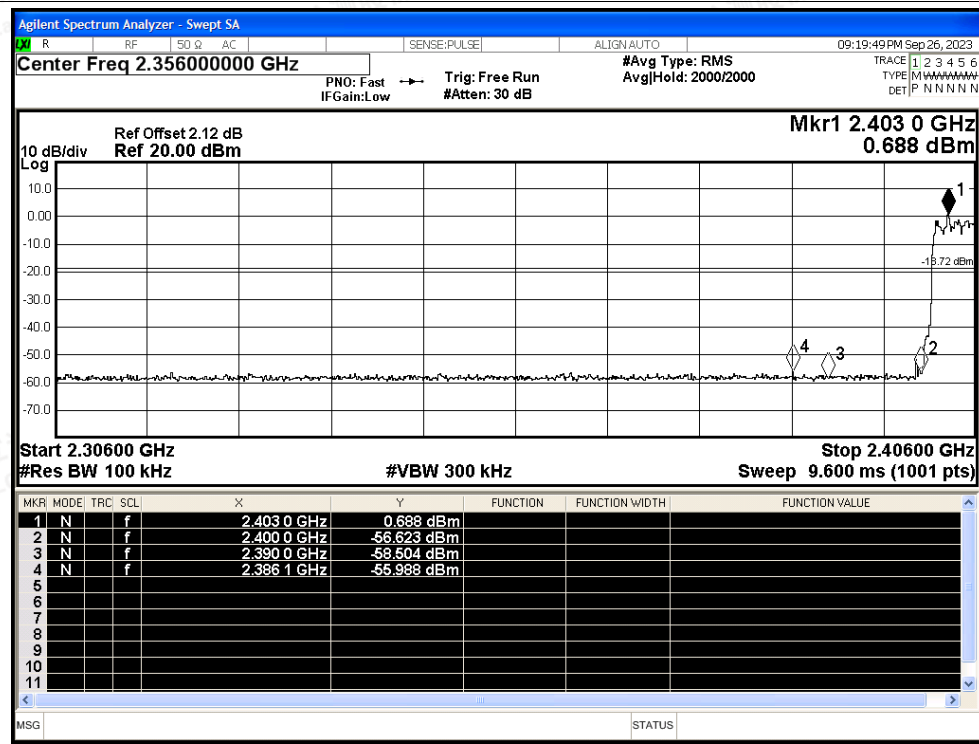




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

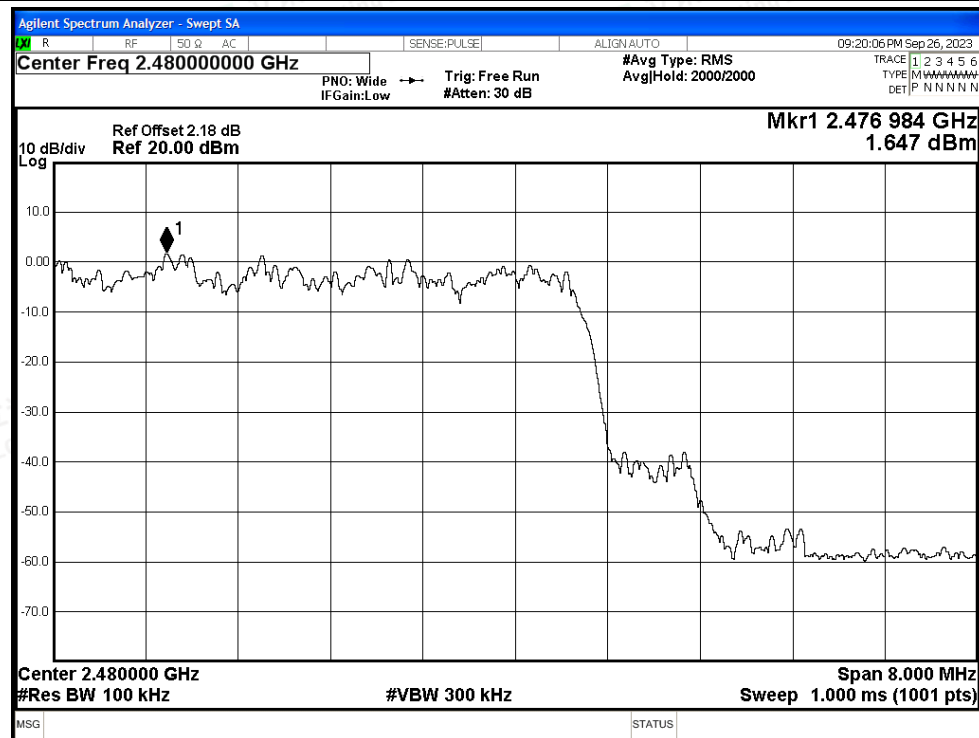


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

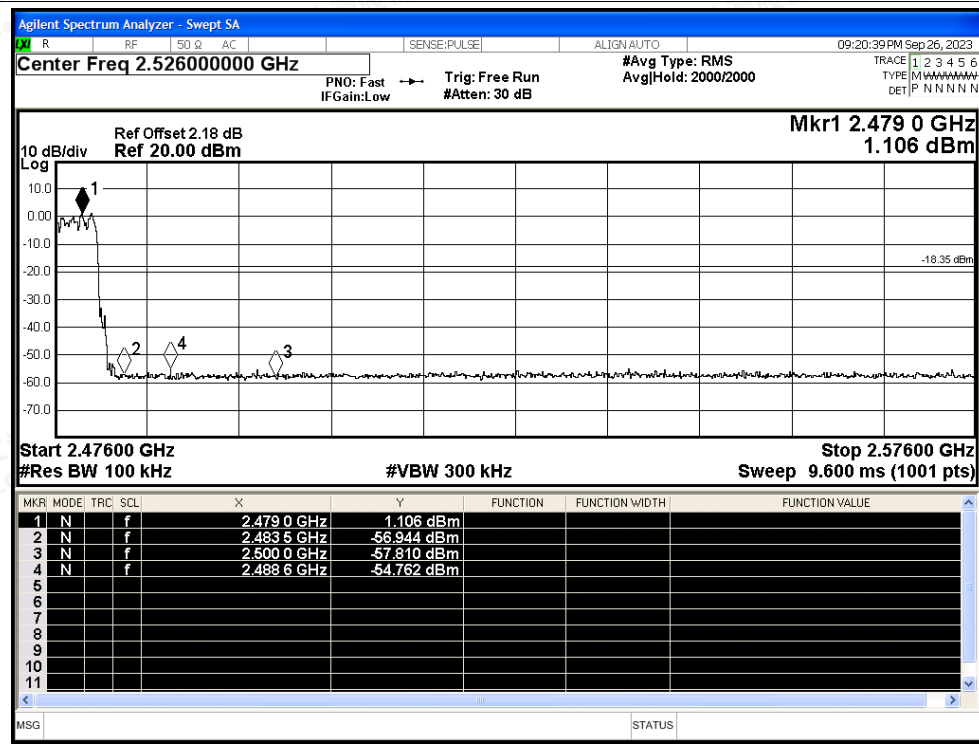




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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





A.7 Conducted RF Spurious Emission

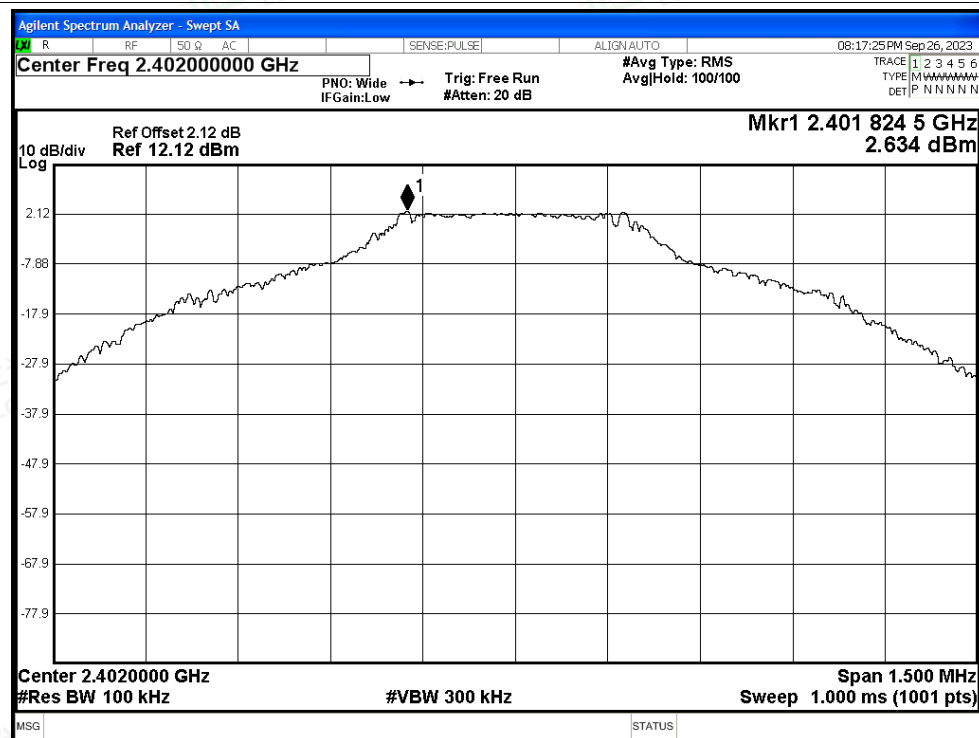
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-57.52	-20	Pass
NVNT	1-DH5	2441	Ant1	-58.9	-20	Pass
NVNT	1-DH5	2480	Ant1	-59.18	-20	Pass
NVNT	2-DH5	2402	Ant1	-56.8	-20	Pass
NVNT	2-DH5	2441	Ant1	-57.67	-20	Pass
NVNT	2-DH5	2480	Ant1	-55.88	-20	Pass
NVNT	3-DH5	2402	Ant1	-56.5	-20	Pass
NVNT	3-DH5	2441	Ant1	-57.29	-20	Pass
NVNT	3-DH5	2480	Ant1	-57.76	-20	Pass



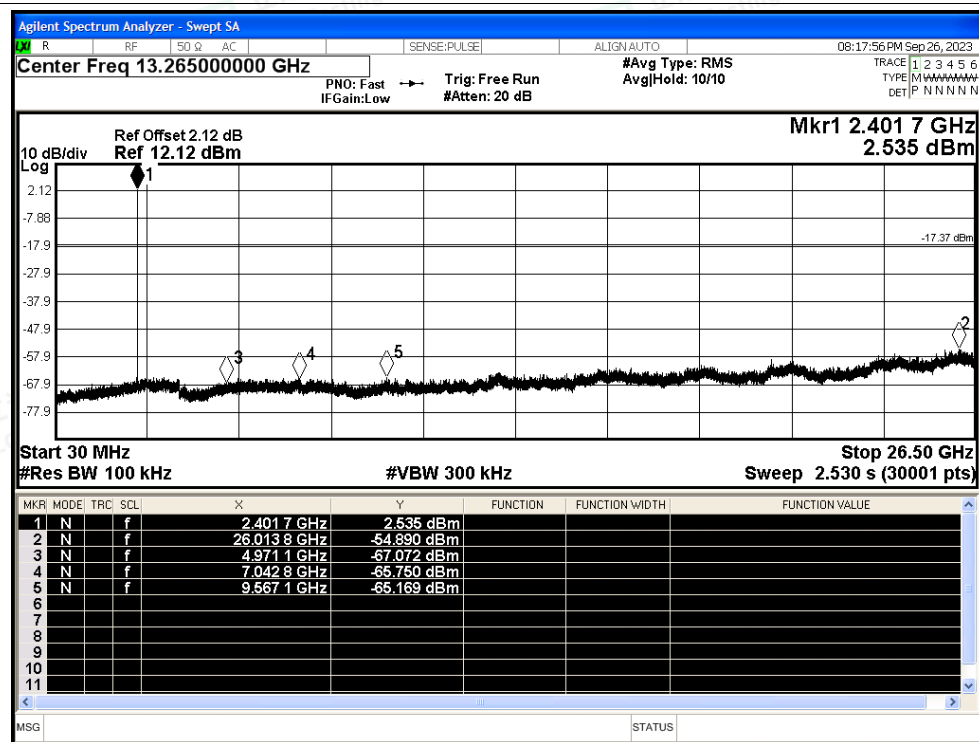


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

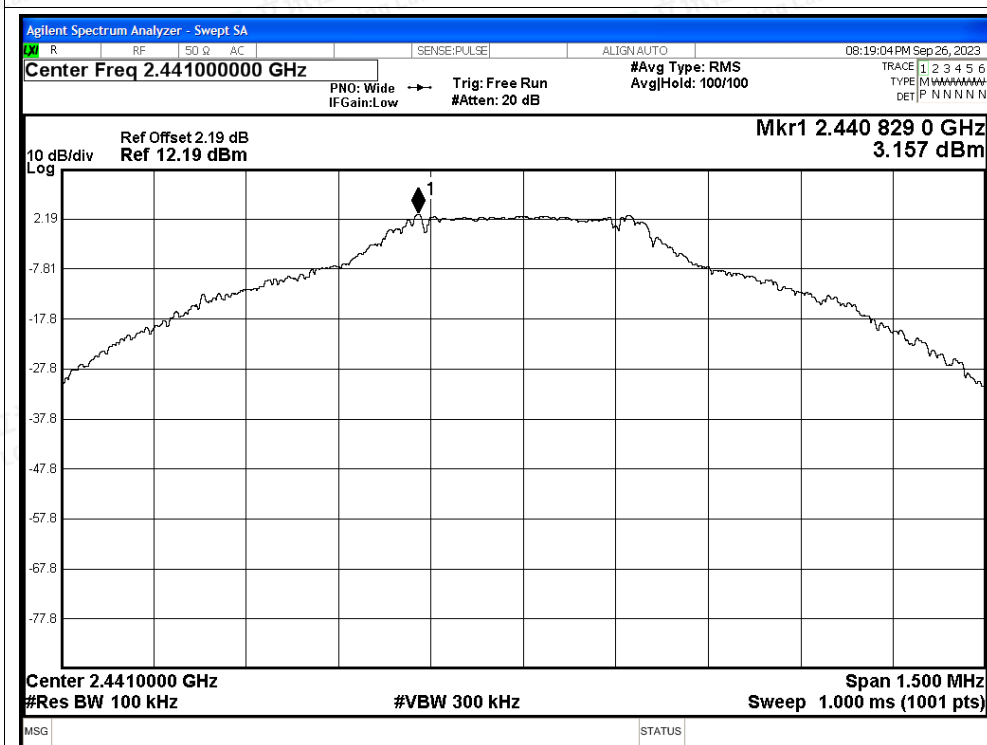


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

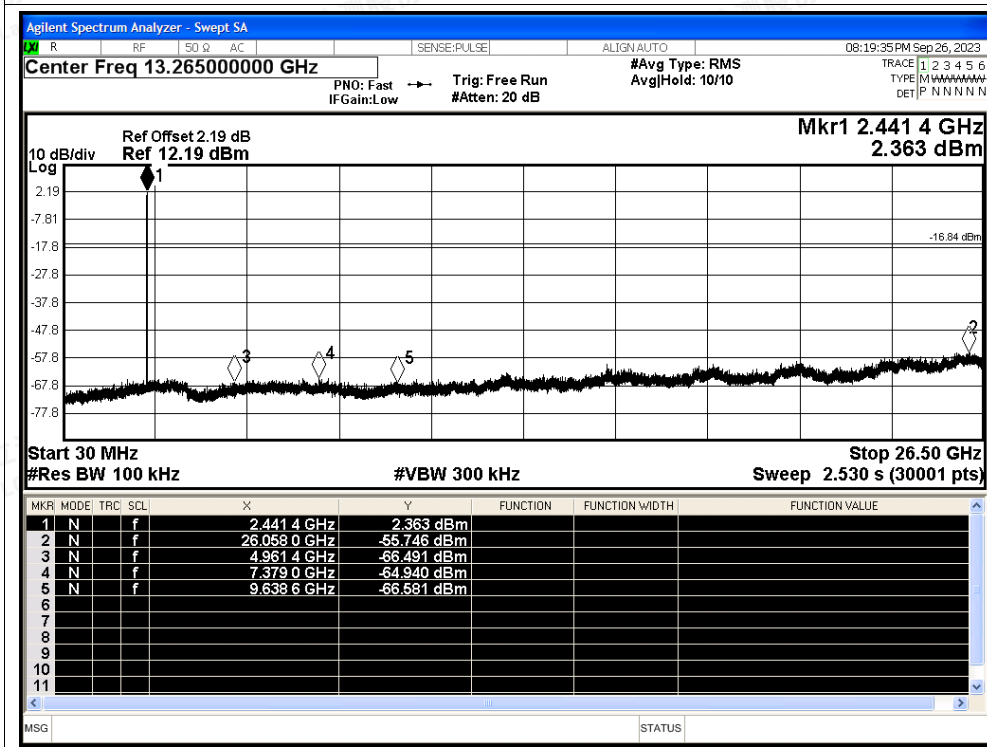




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

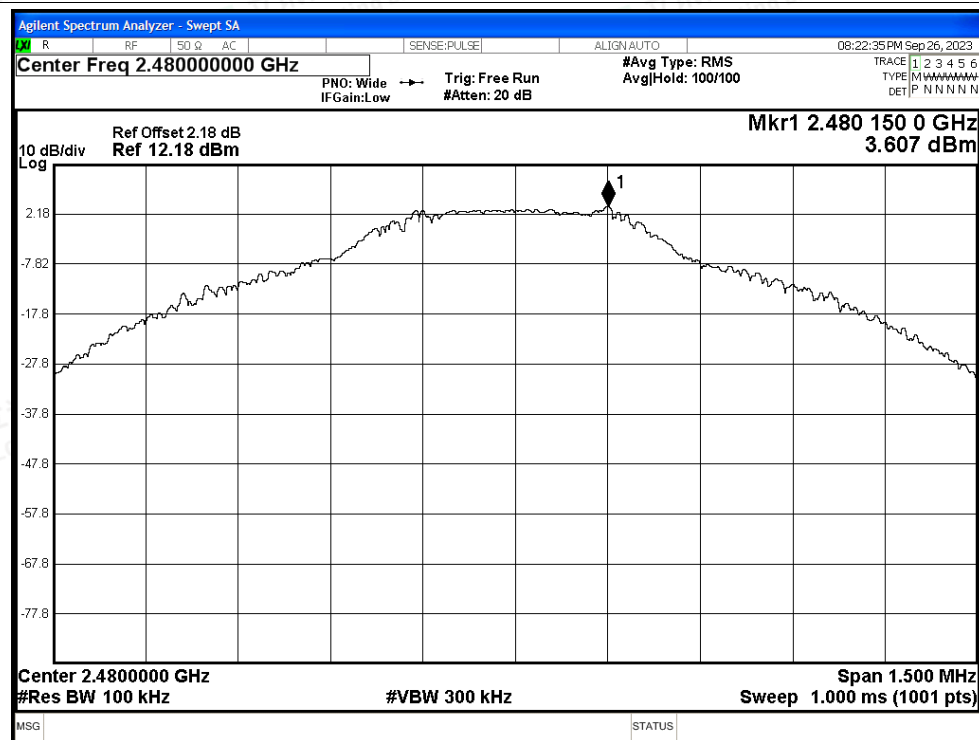


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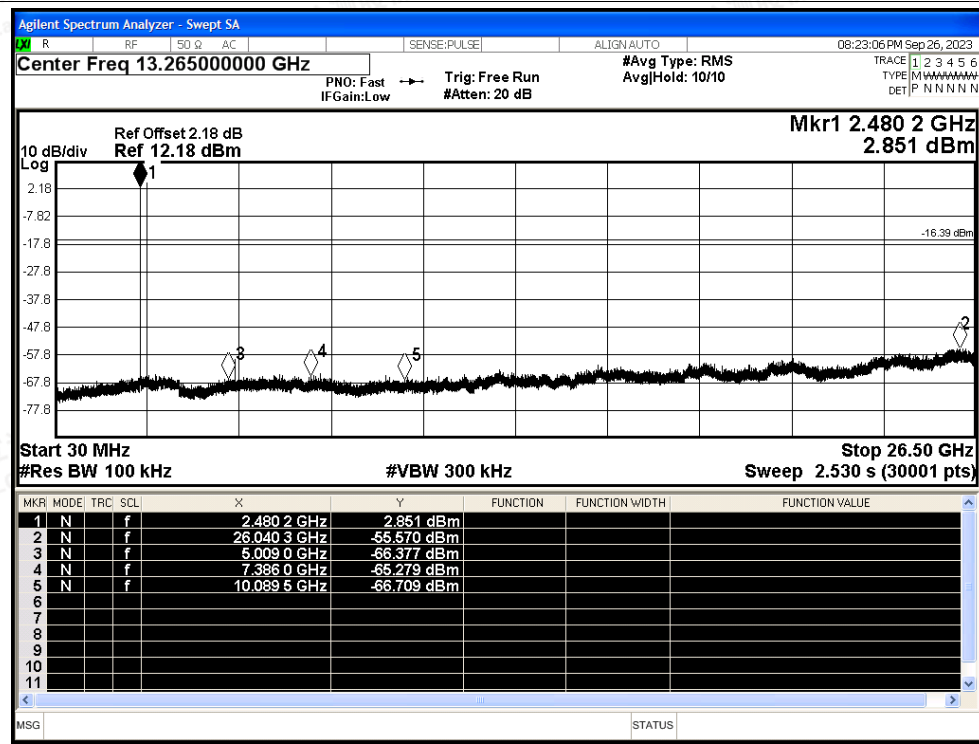




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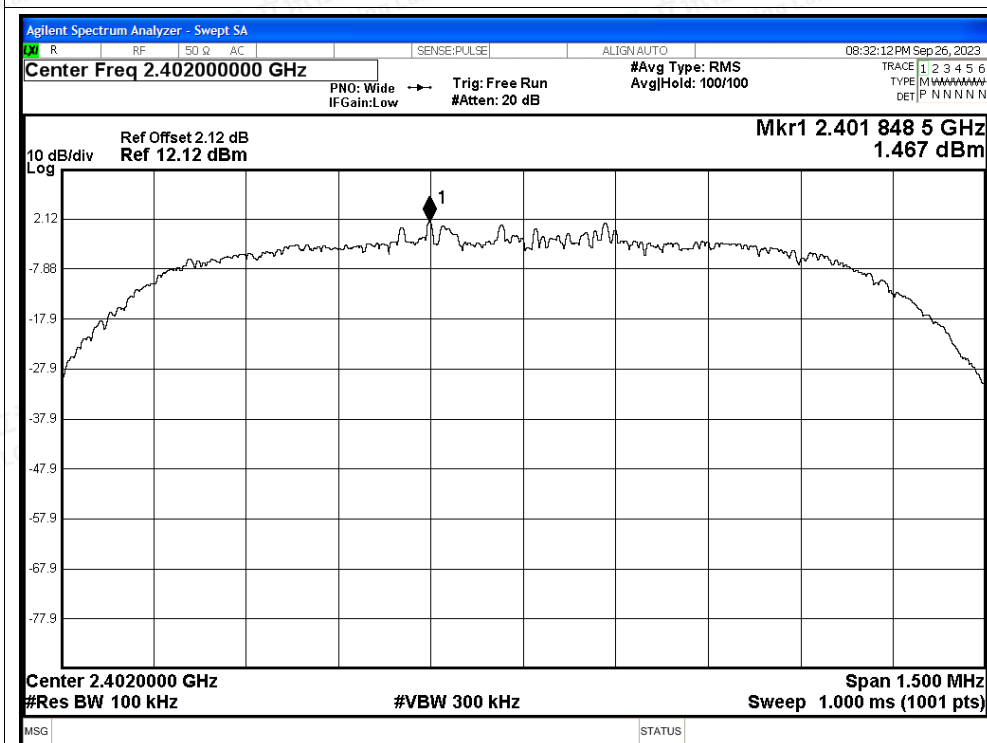


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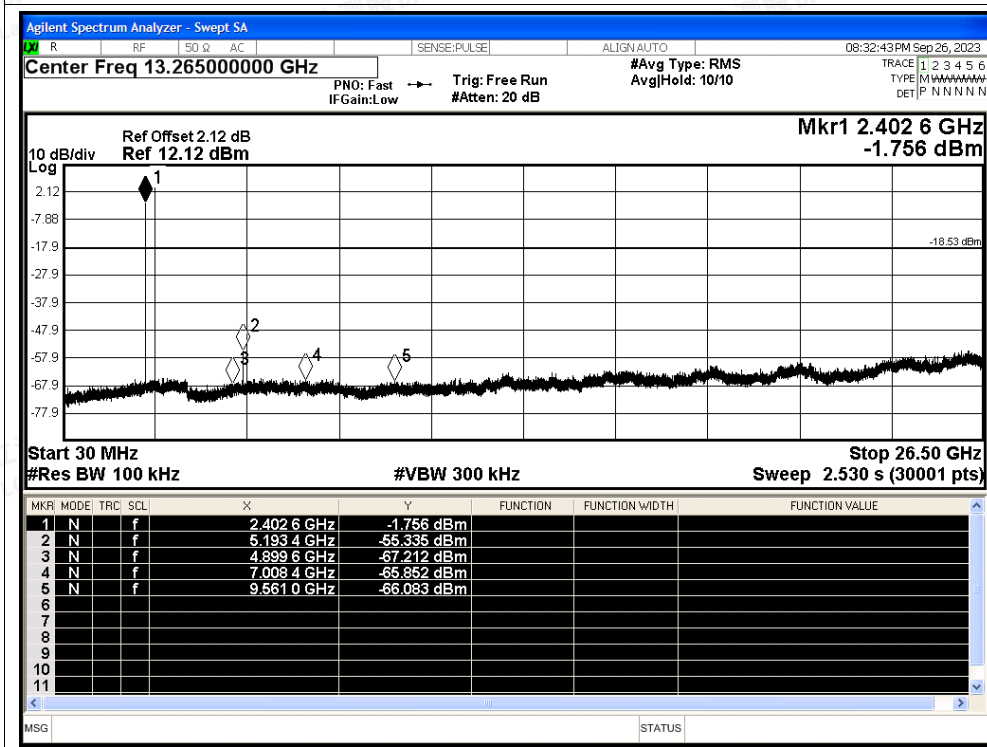




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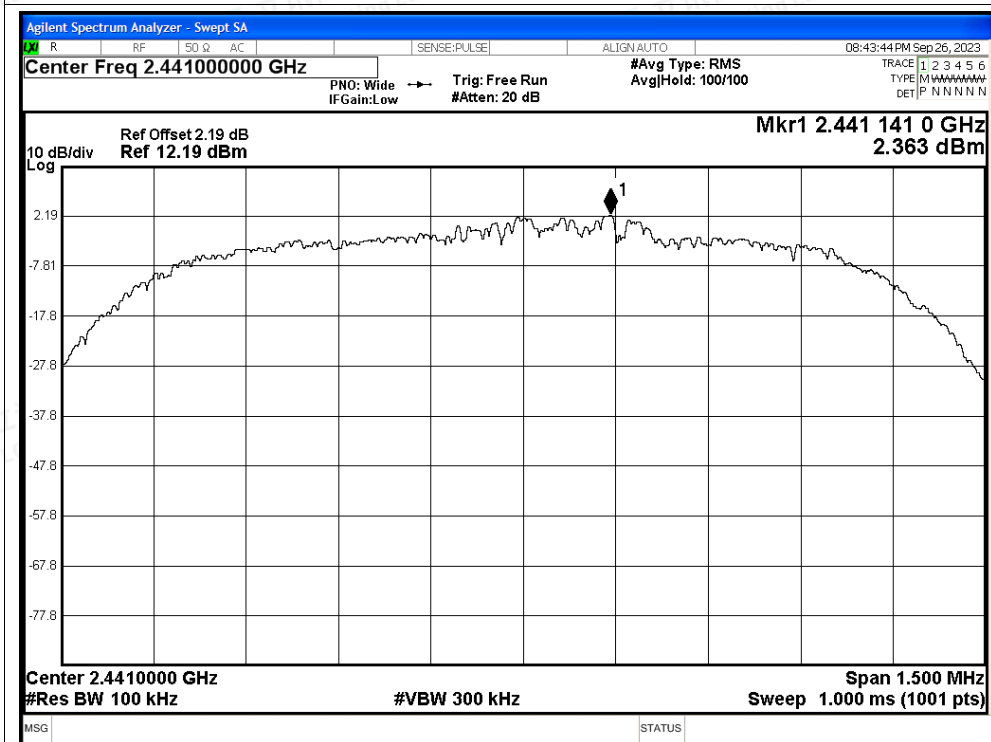


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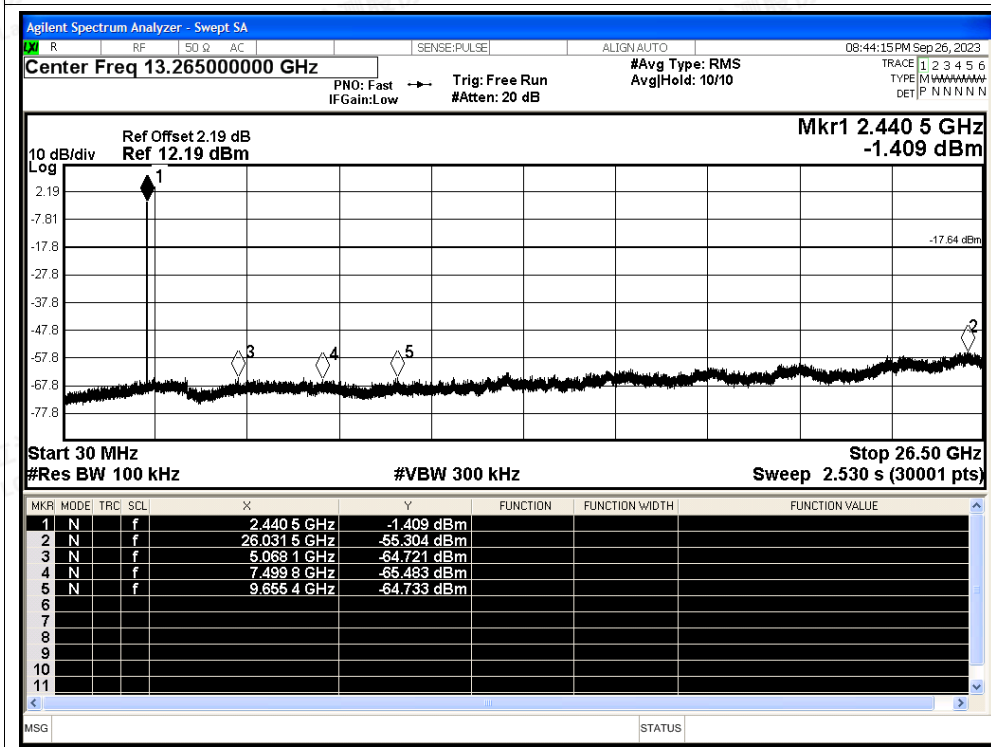




Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

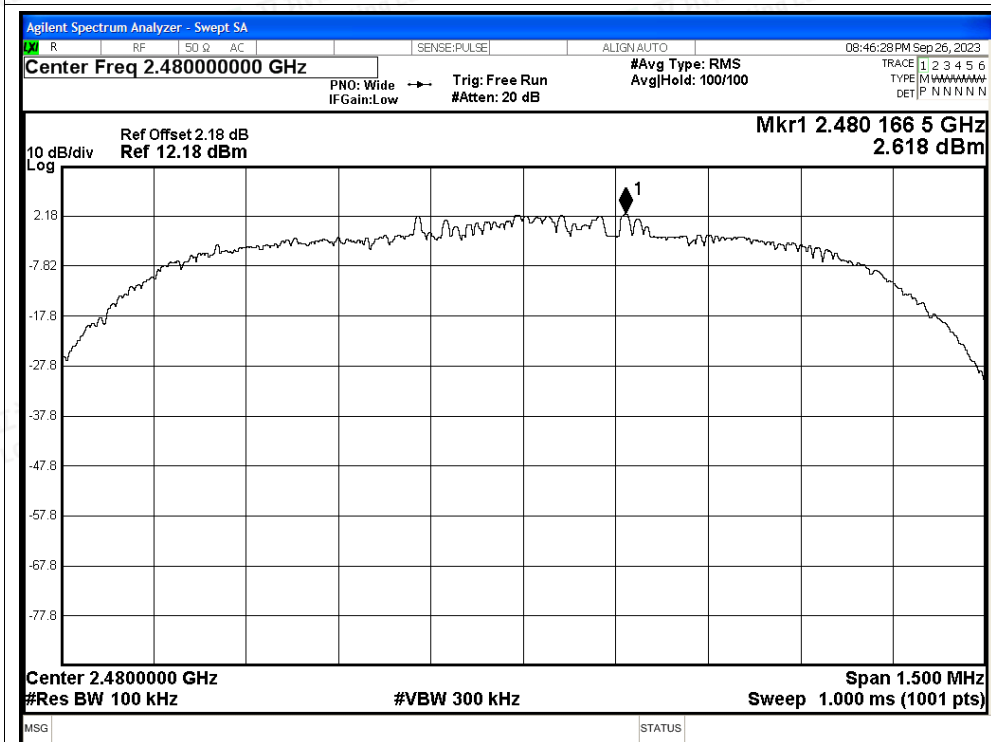


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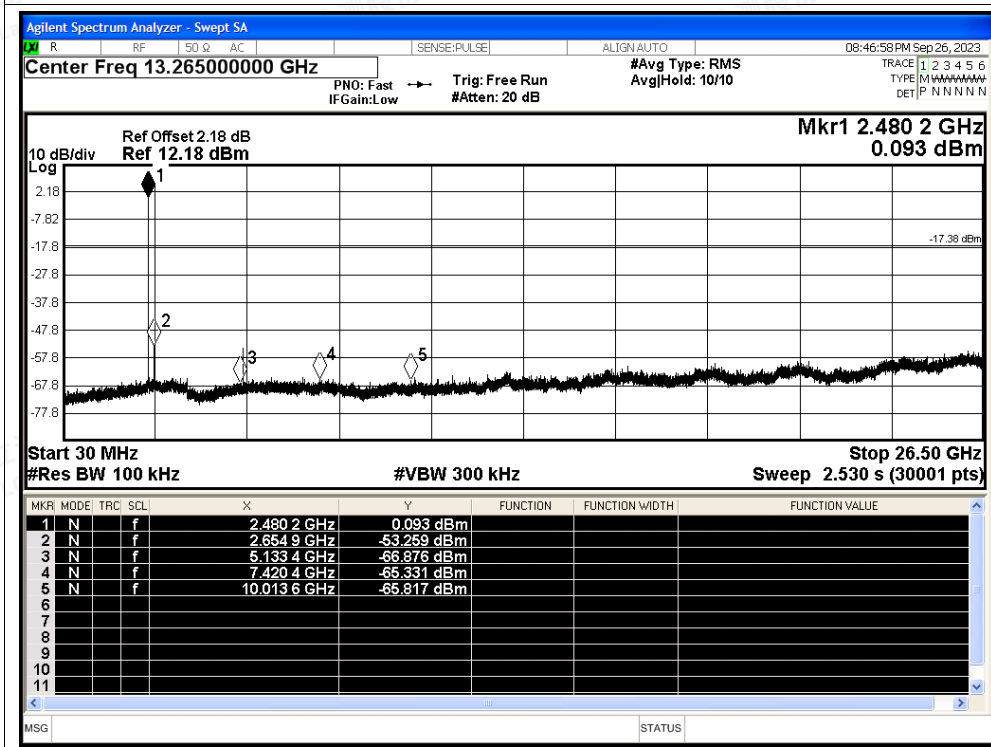




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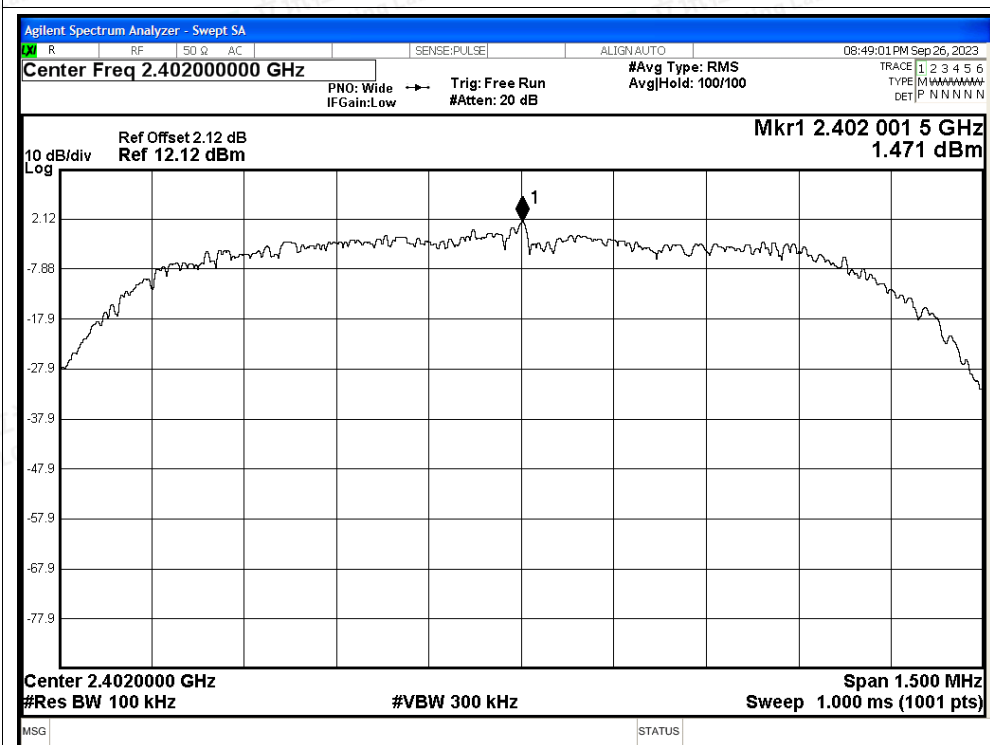


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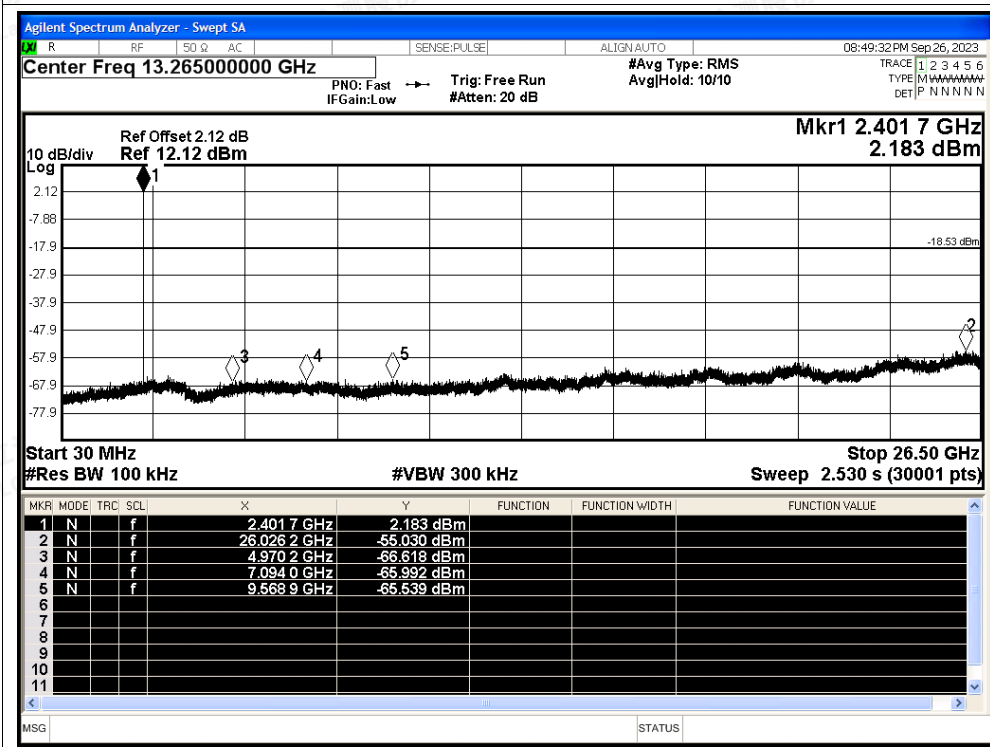




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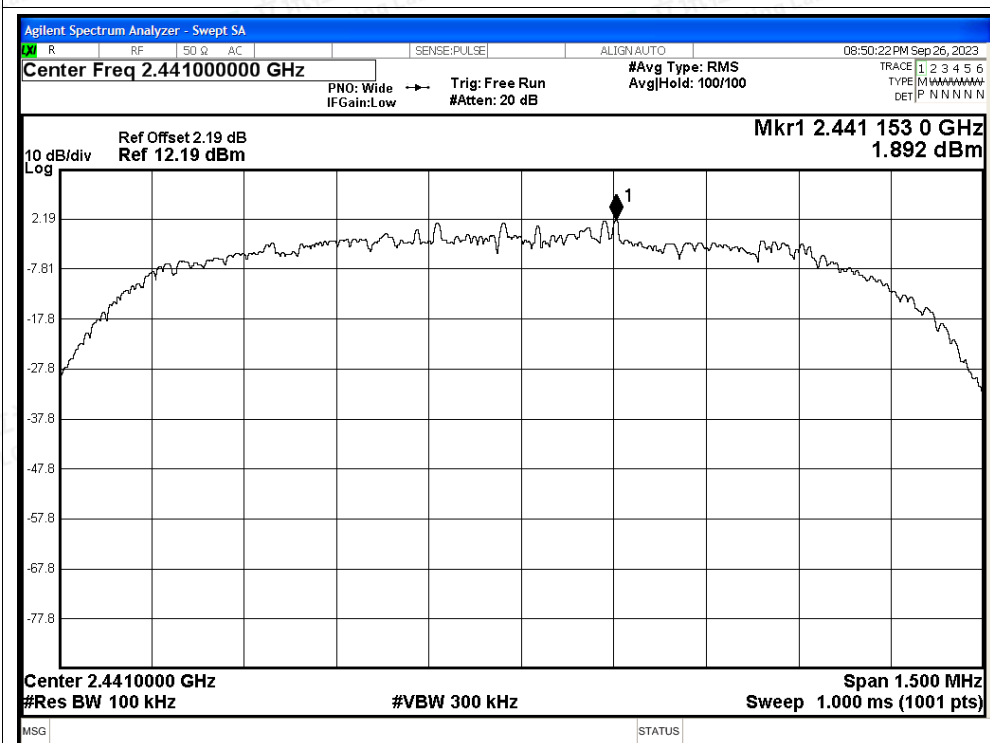


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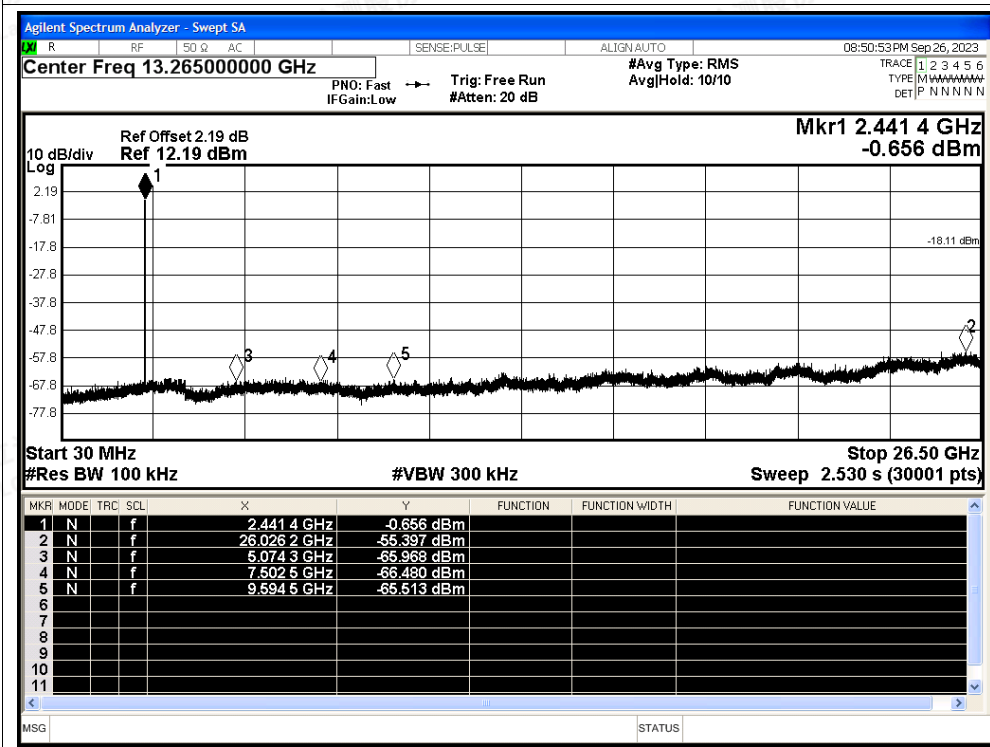




Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

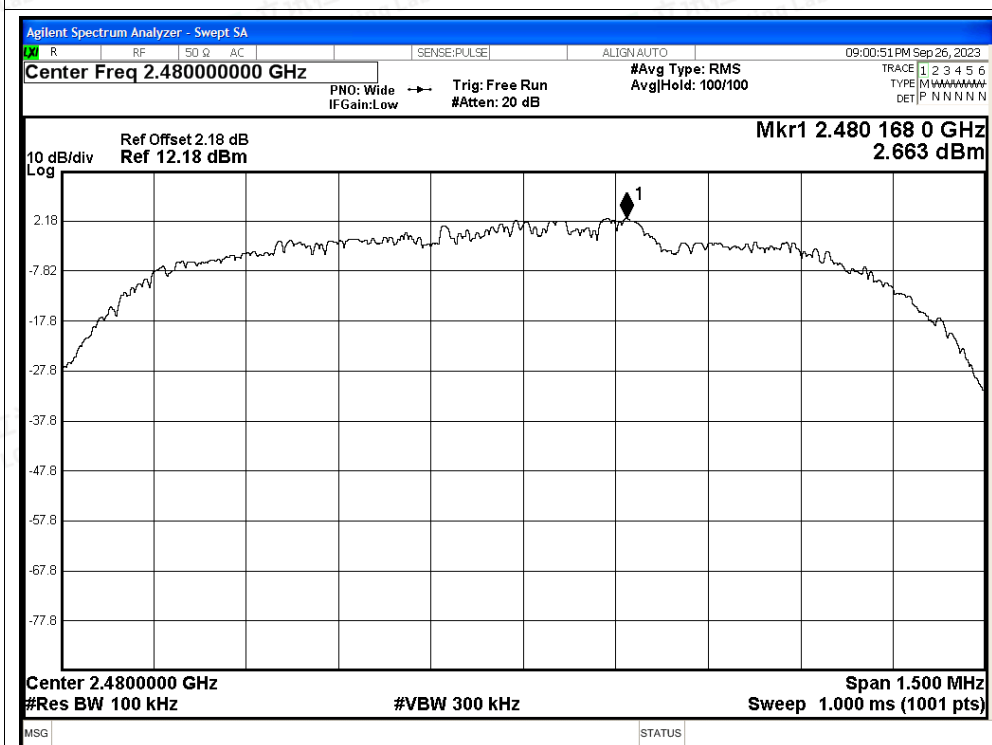
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

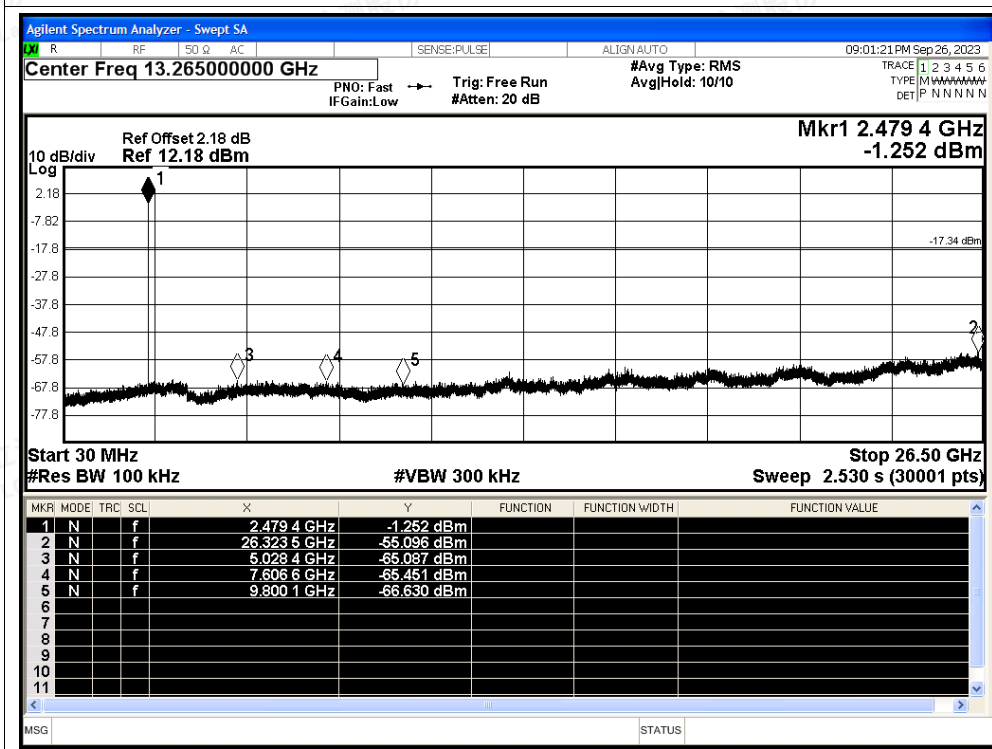
Scan code to check authenticity



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



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



A.8 Restrict Band

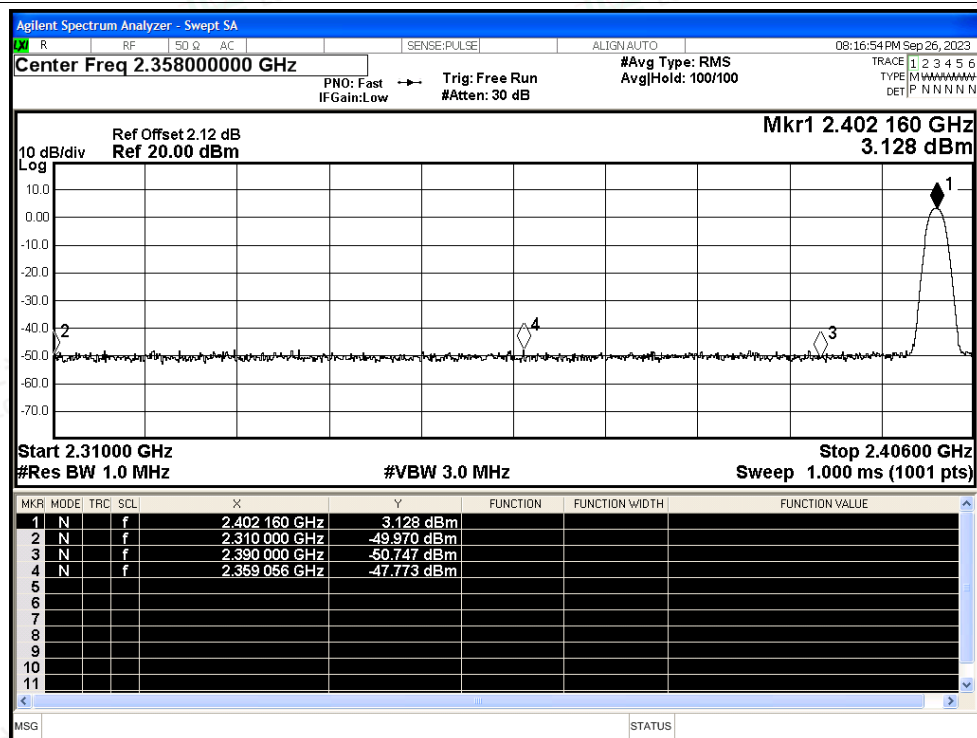
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.97	2.81	48.07	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.76	2.81	40.28	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2359.056	-47.77	2.81	50.27	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2388.336	-57.31	2.81	40.73	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.75	2.81	47.29	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.35	2.81	40.69	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.35	2.81	48.69	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-54.36	2.81	43.68	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2497.504	-46.62	2.81	51.42	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-54.36	2.81	43.68	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.31	2.81	47.73	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.05	2.81	40.99	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.82	2.81	47.22	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.74	2.81	40.30	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2376.912	-47.5	2.81	50.54	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2388.144	-57.34	2.81	40.70	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-48.76	2.81	49.28	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.45	2.81	40.59	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.81	2.81	48.23	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-54	2.81	44.04	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2495.416	-46.4	2.81	51.64	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-54	2.81	44.04	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.21	2.81	47.83	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.15	2.81	40.89	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.24	2.81	46.80	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-57.77	2.81	40.27	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2339.28	-47.26	2.81	50.78	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2373.936	-57.33	2.81	40.71	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.66	2.81	47.38	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.43	2.81	40.61	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.44	2.81	48.60	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-53.91	2.81	44.13	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2493.856	-46.4	2.81	51.64	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-53.91	2.81	44.13	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-51.31	2.81	46.73	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.04	2.81	41.00	Average	54	Pass



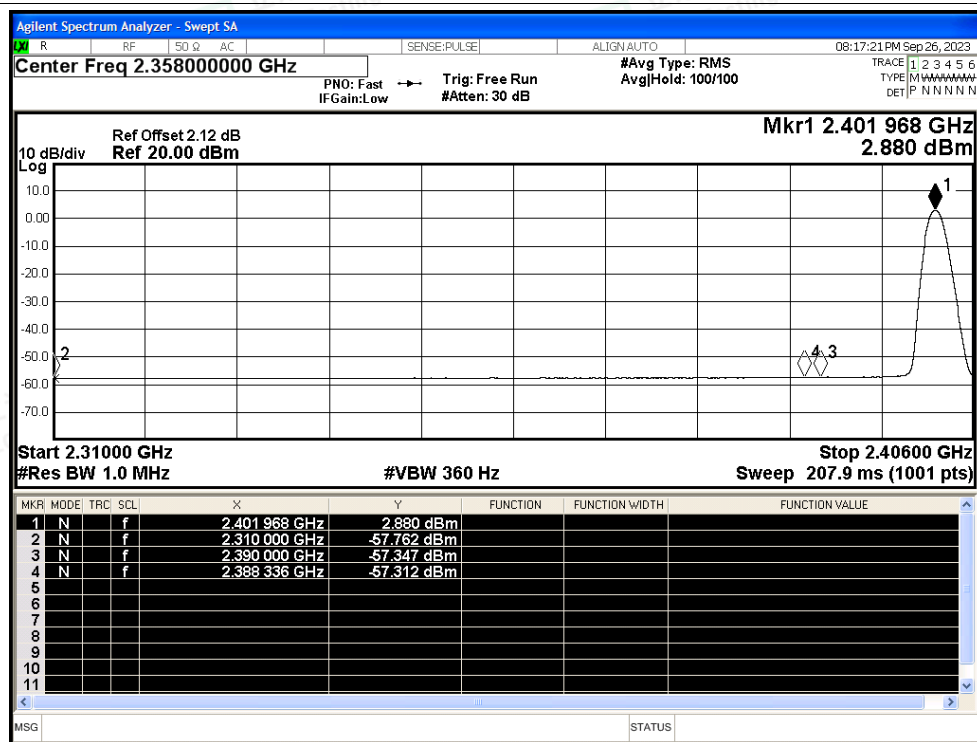


Test Graphs

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

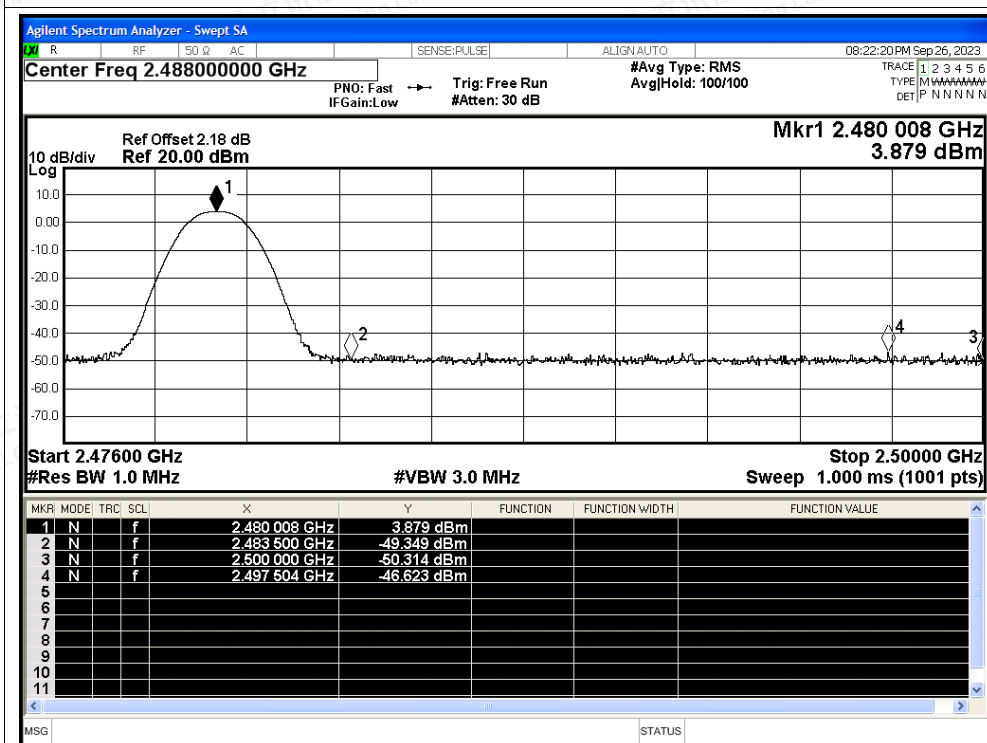


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

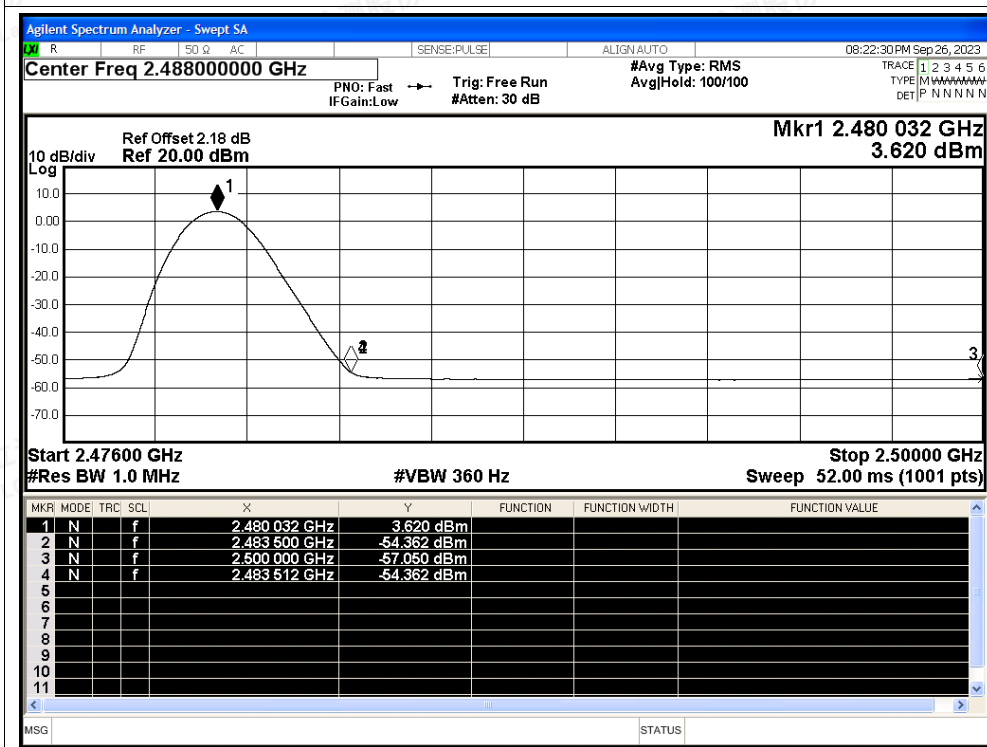




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

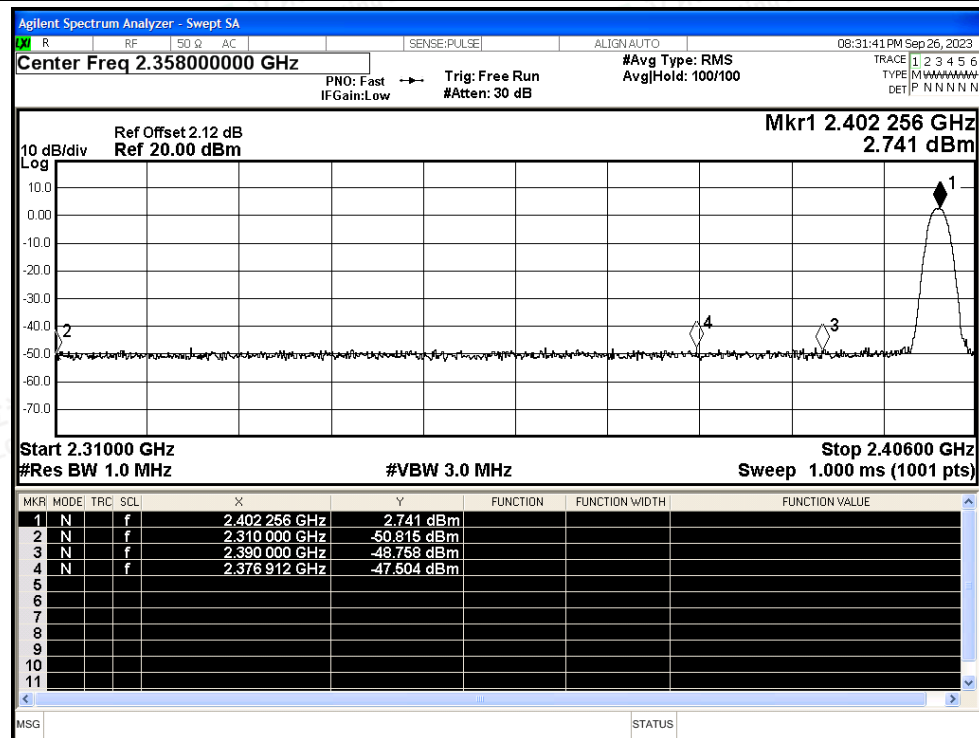


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

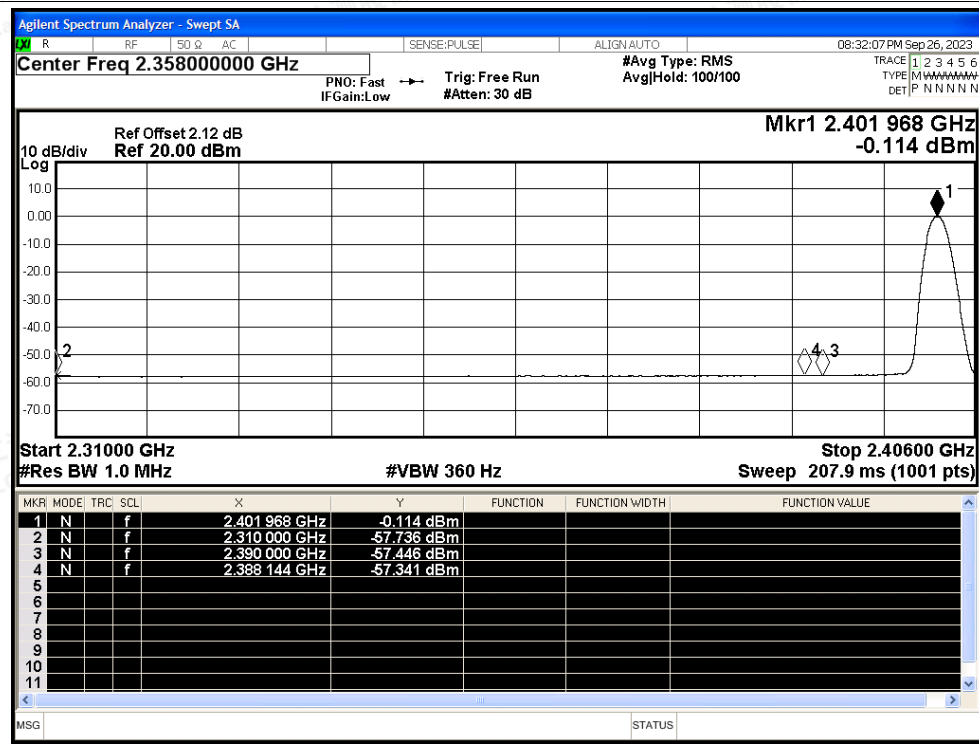




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

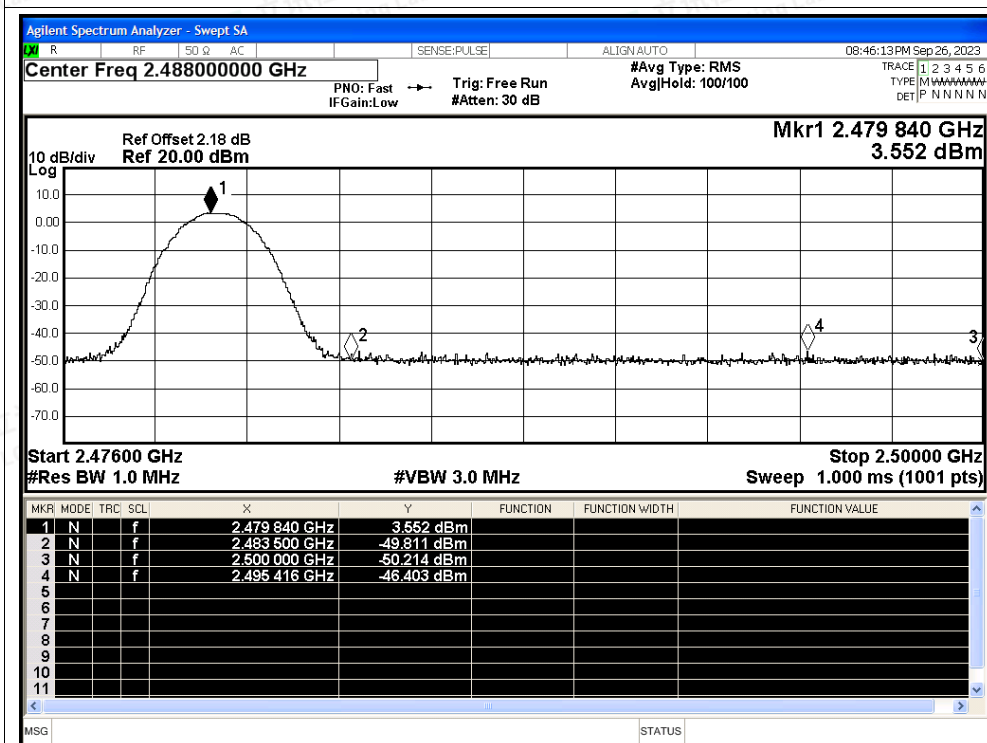


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

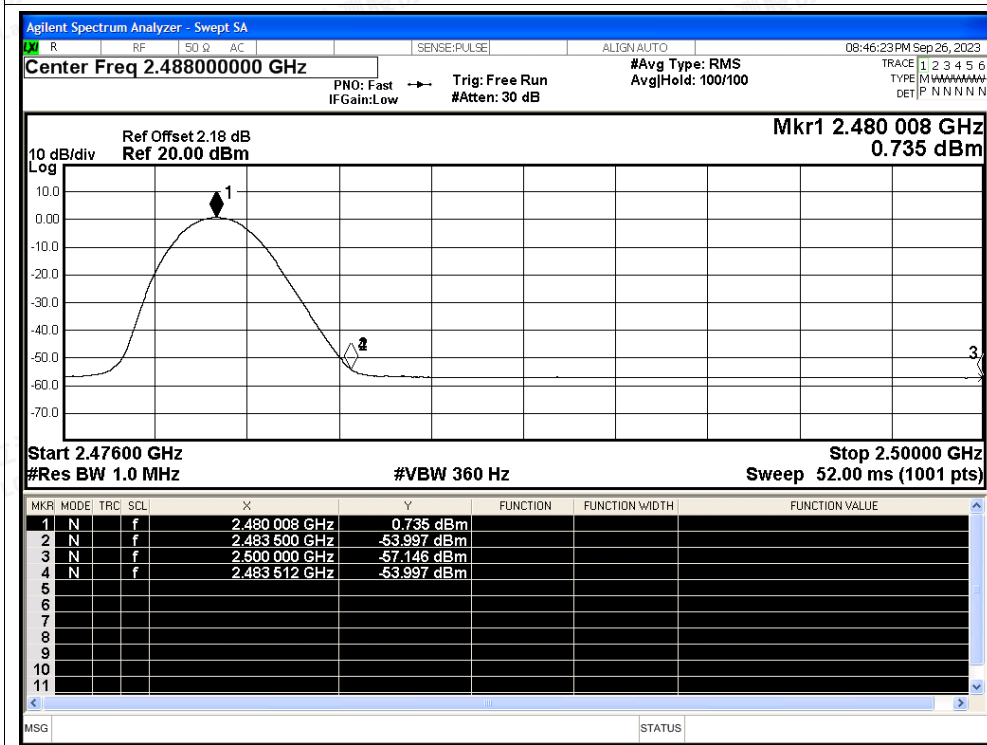




Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak

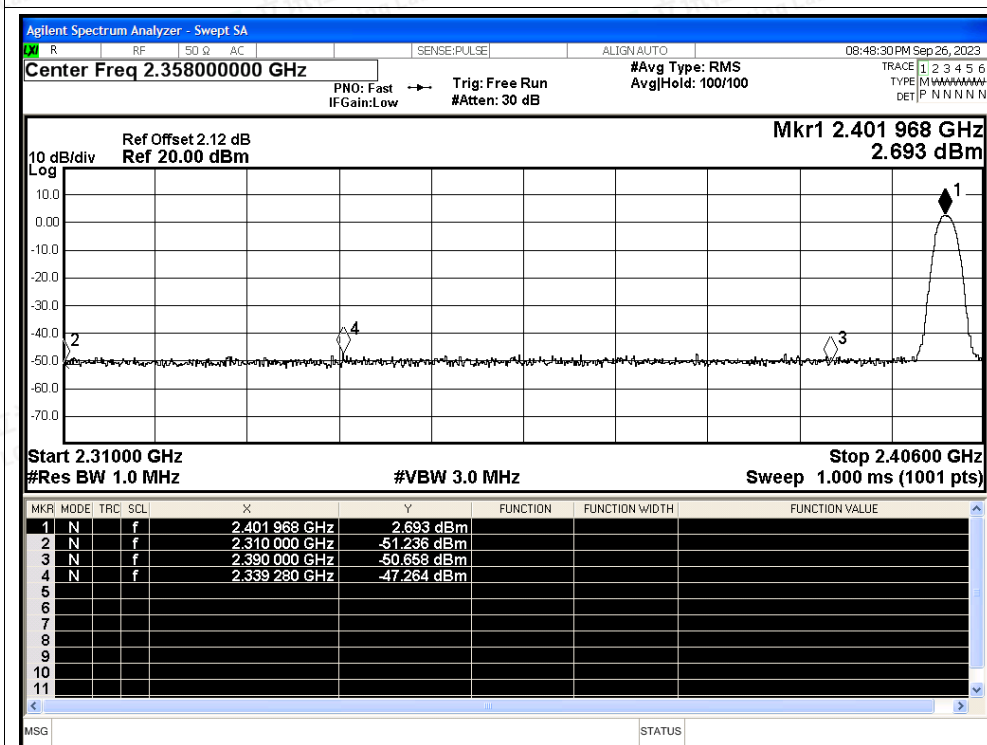


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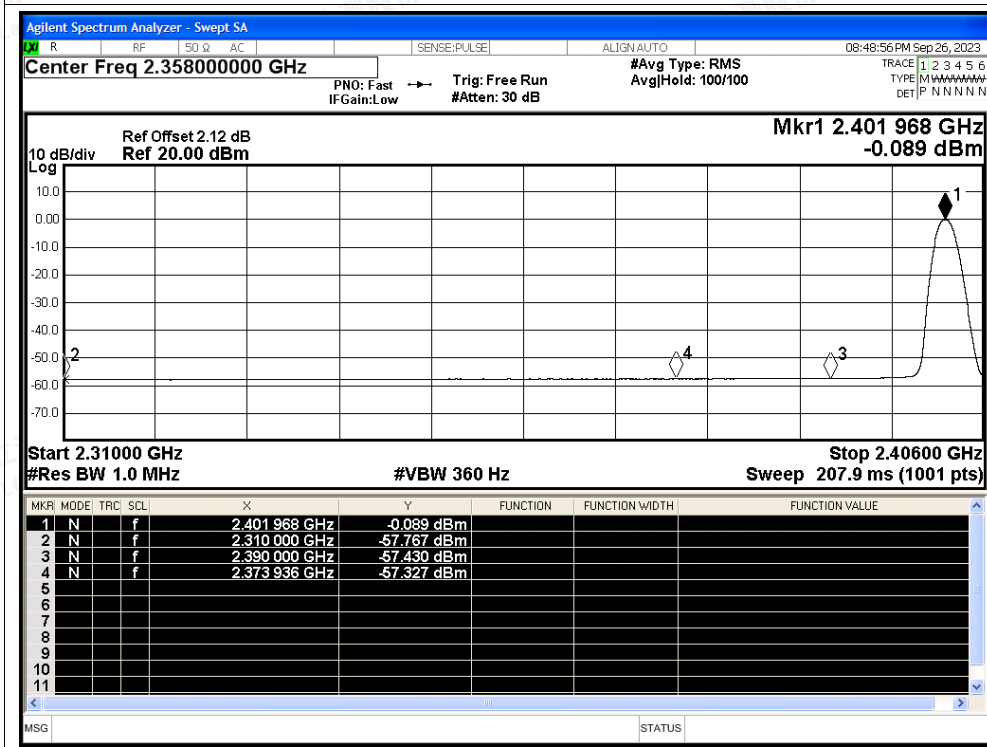




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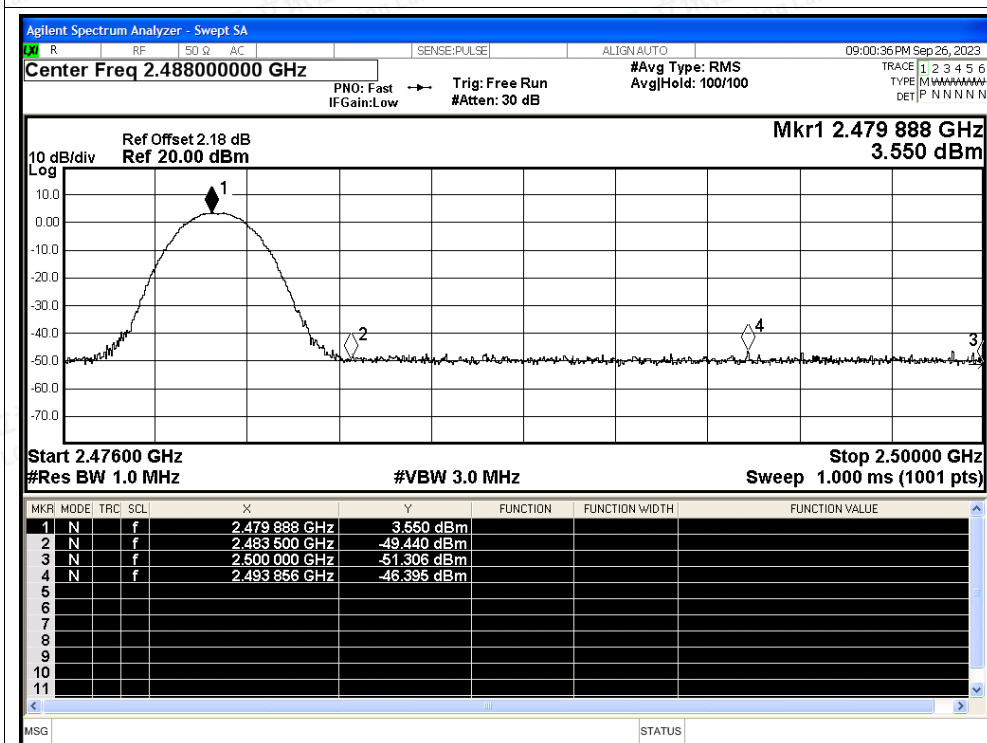


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





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



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

