



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Android 13 Tablet 10.1

Test Model: G11

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

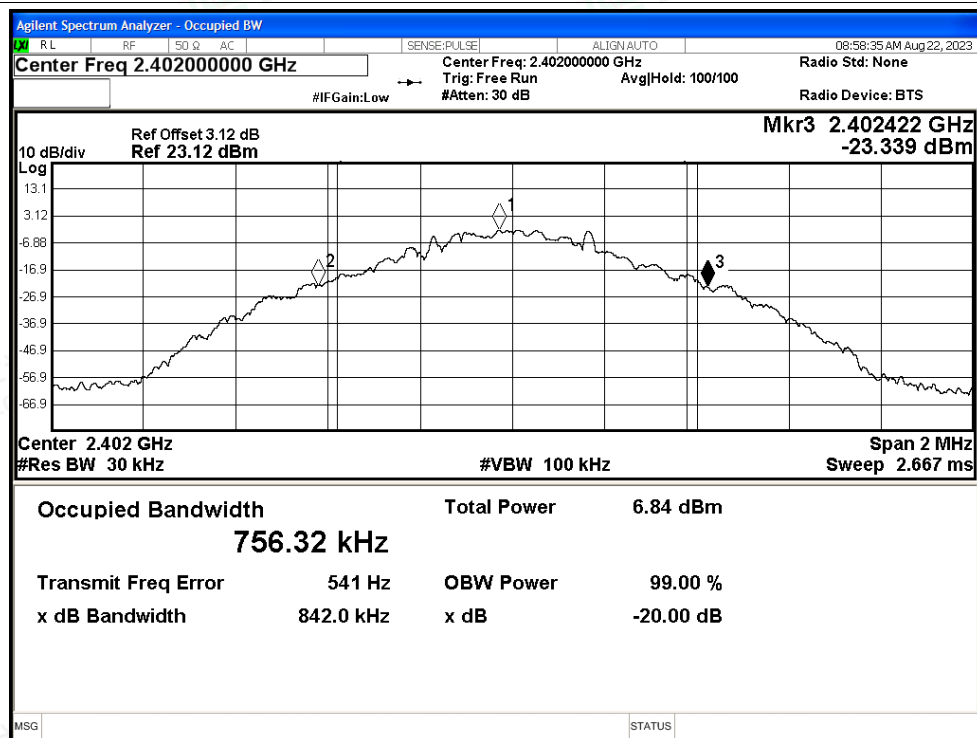
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.842	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.843	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.84	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.264	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.259	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.255	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.258	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.261	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.285	N/A	Pass



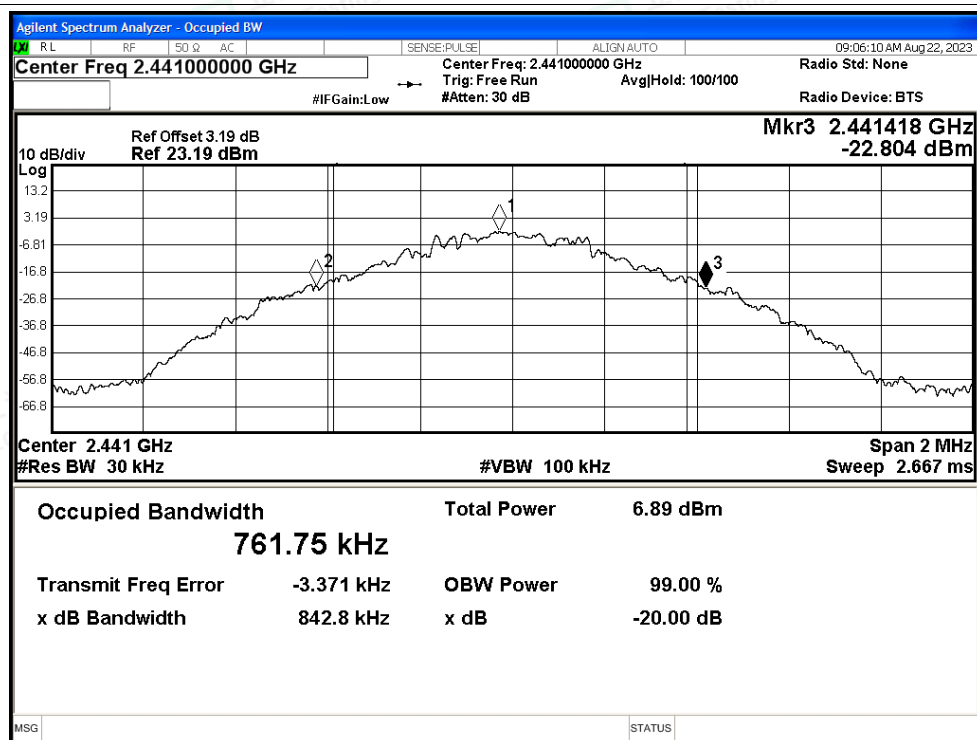


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

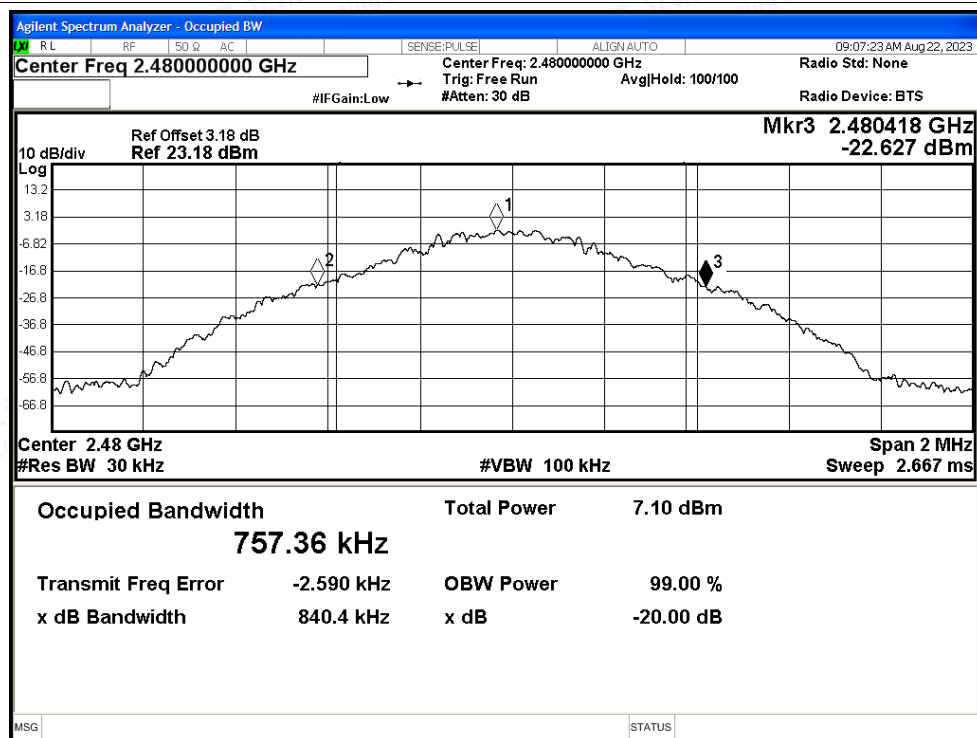


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

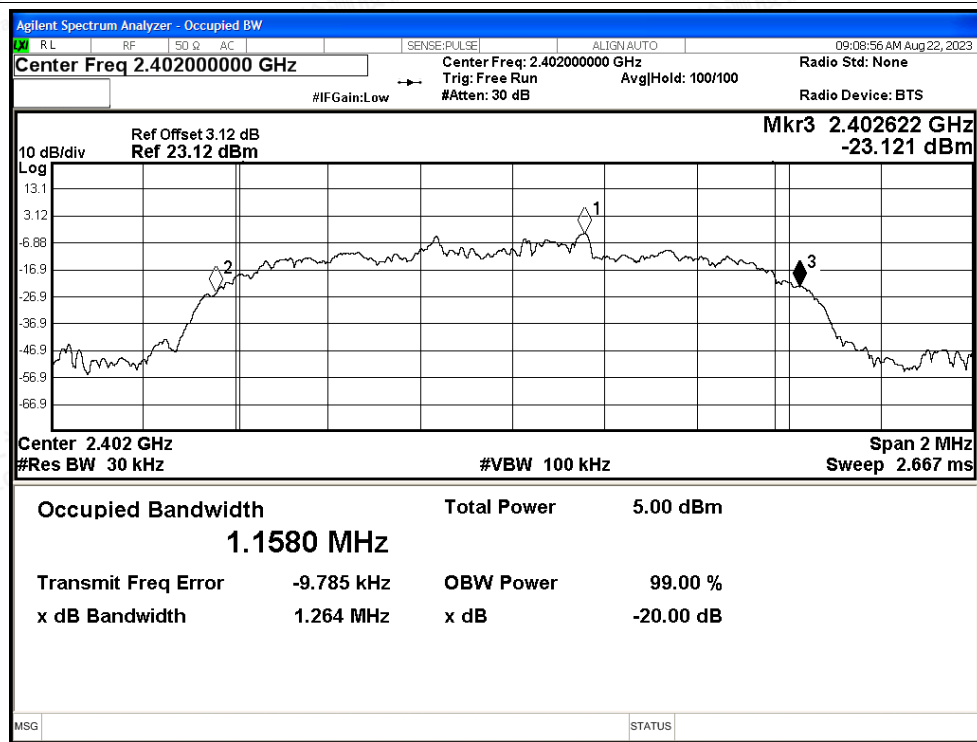




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

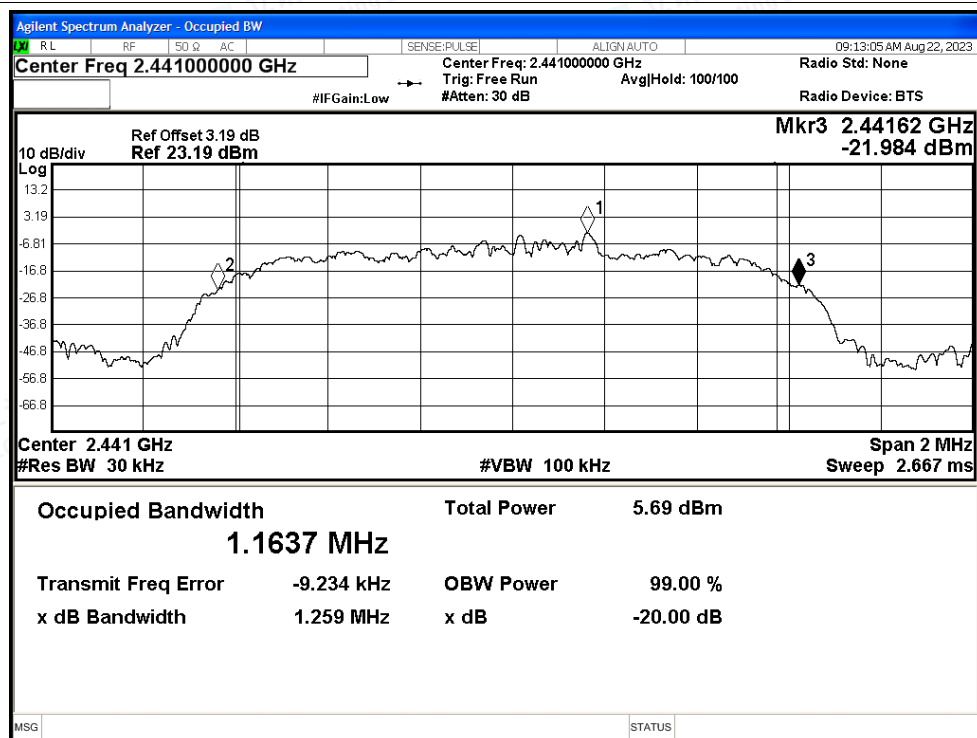


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

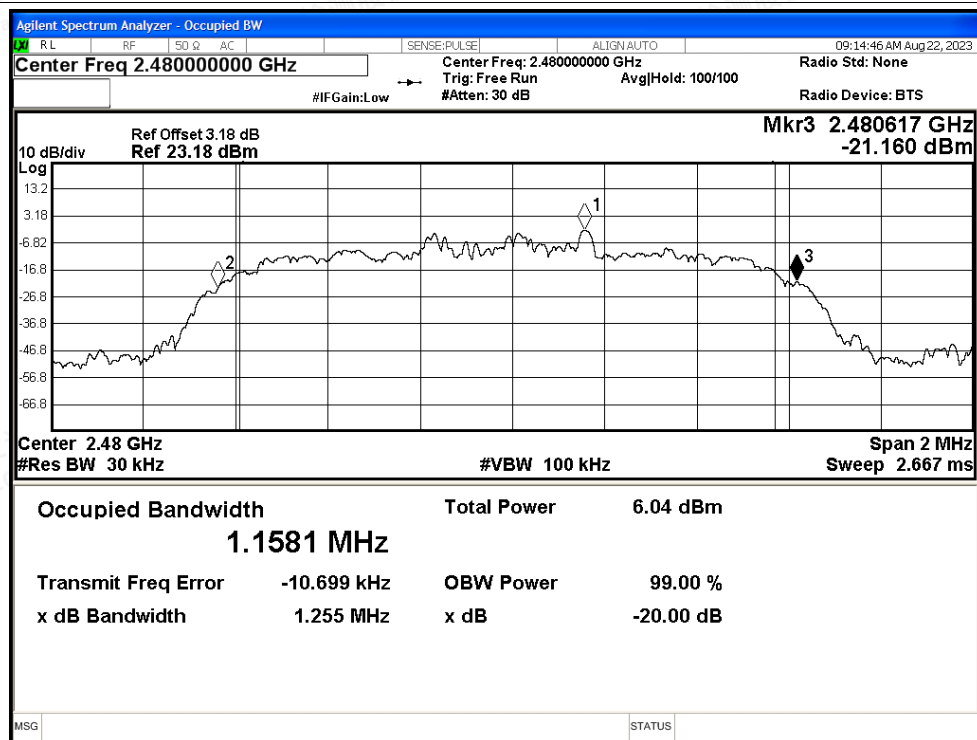




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

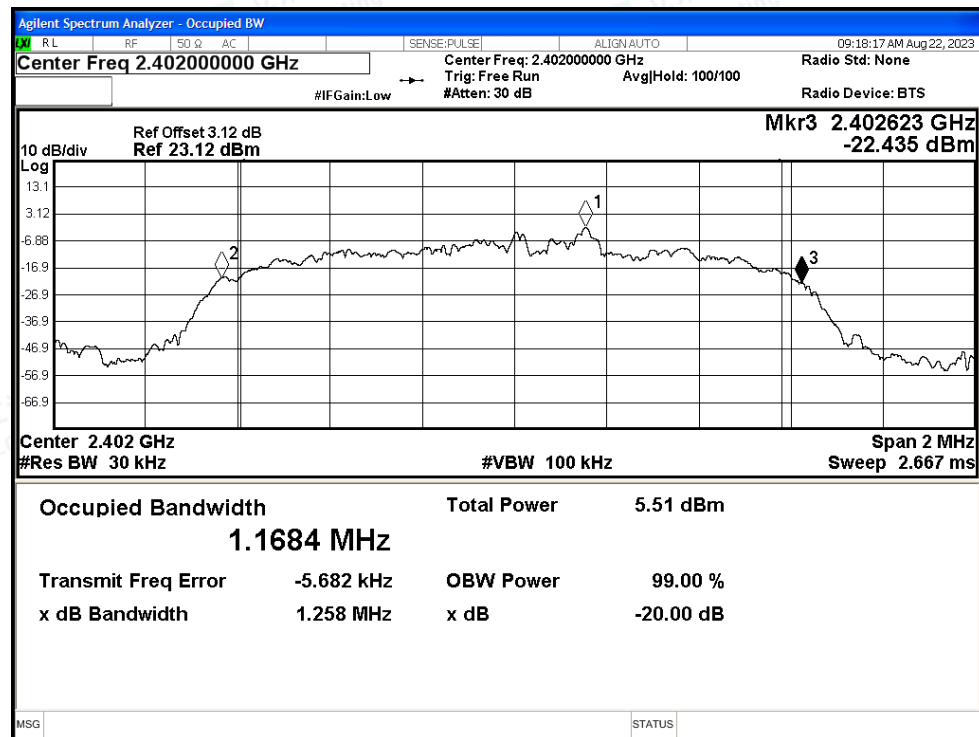


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

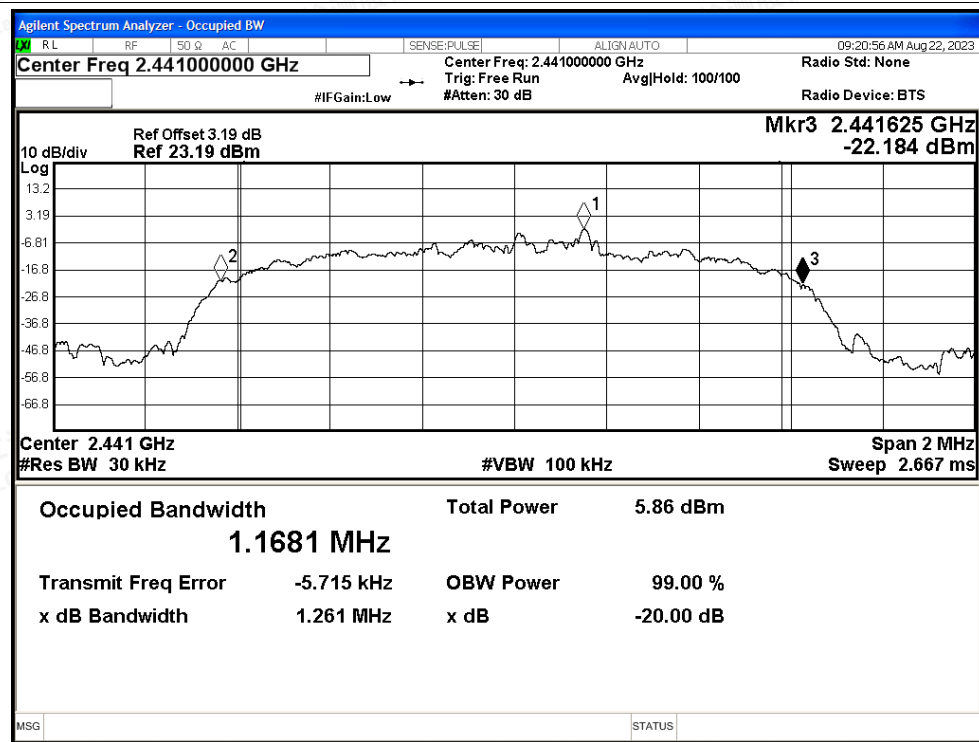


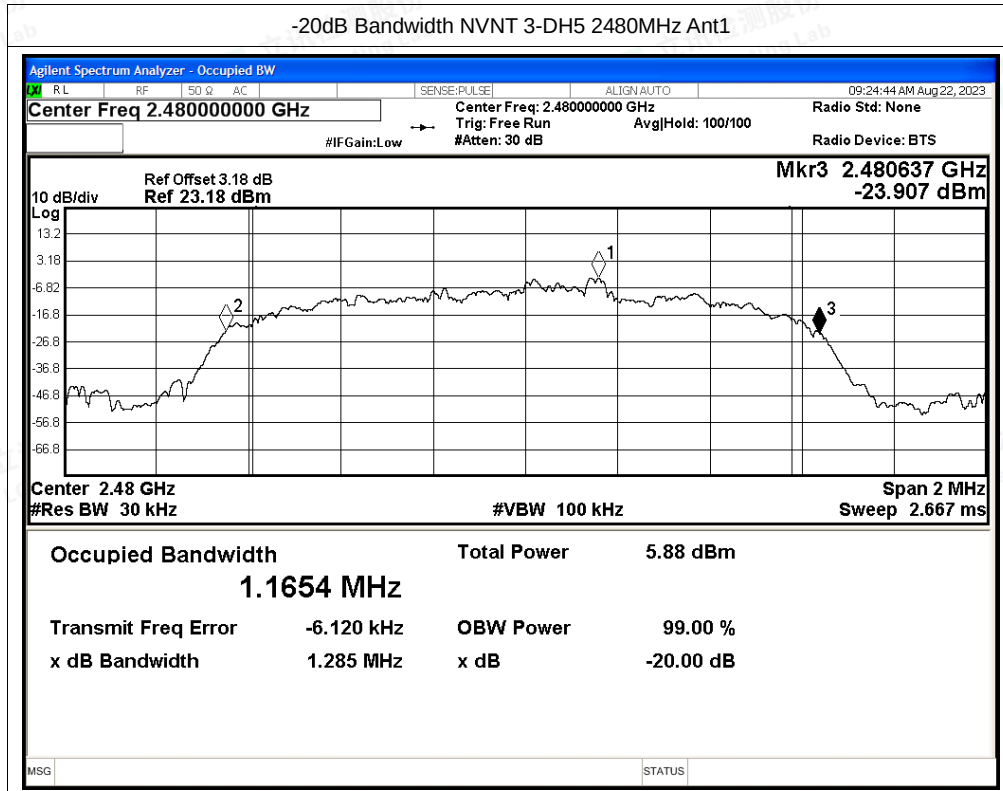


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1







A.2 Maximum Conducted Output Power

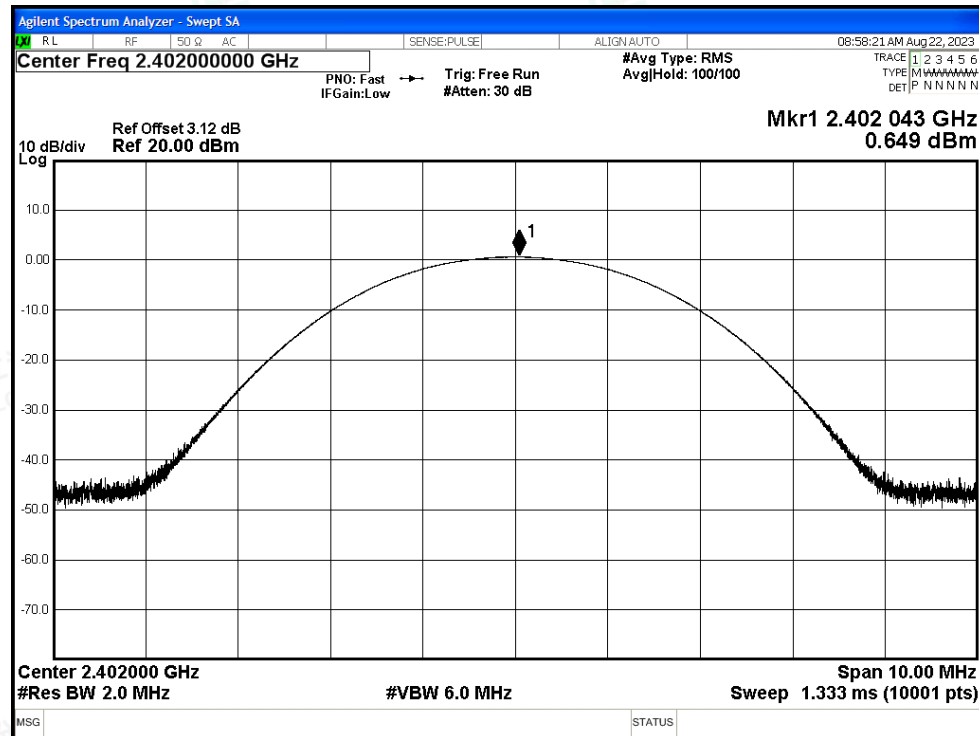
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.65	21	Pass
NVNT	1-DH5	2441	Ant1	1.08	21	Pass
NVNT	1-DH5	2480	Ant1	1.10	21	Pass
NVNT	2-DH5	2402	Ant1	0.06	21	Pass
NVNT	2-DH5	2441	Ant1	1.00	21	Pass
NVNT	2-DH5	2480	Ant1	1.01	21	Pass
NVNT	3-DH5	2402	Ant1	0.51	21	Pass
NVNT	3-DH5	2441	Ant1	1.02	21	Pass
NVNT	3-DH5	2480	Ant1	0.97	21	Pass



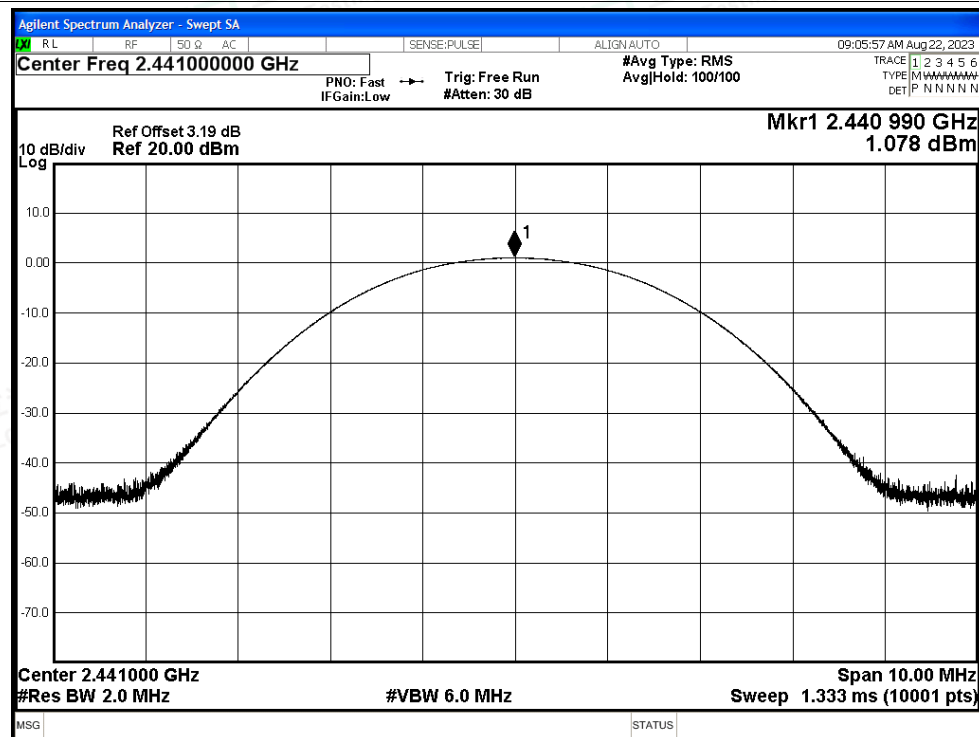


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

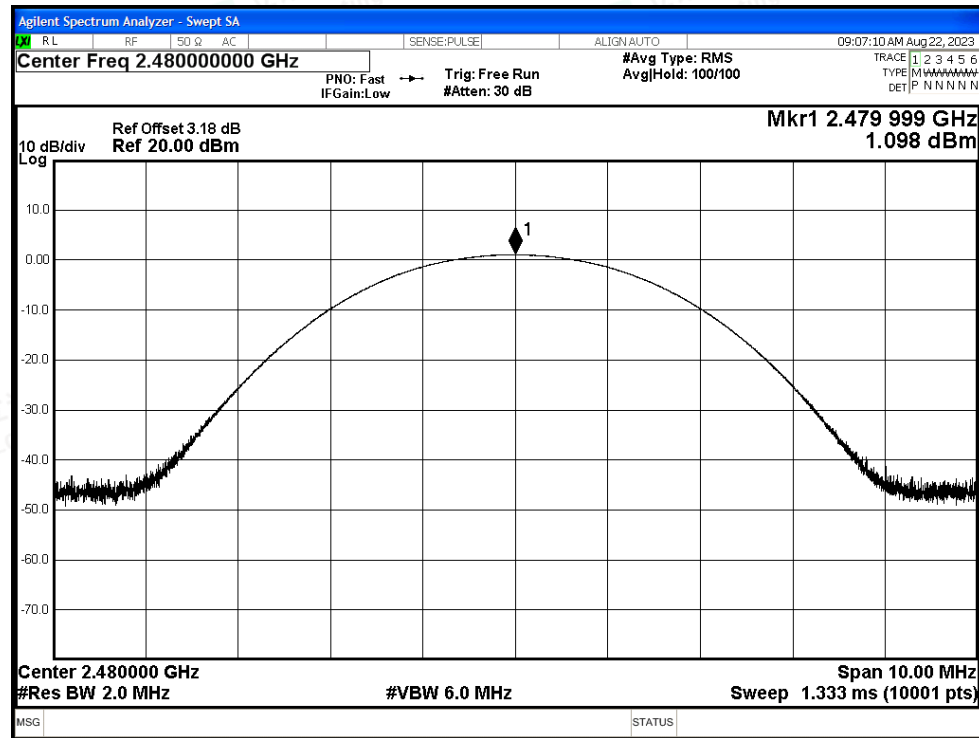


Power NVNT 1-DH5 2441MHz Ant1

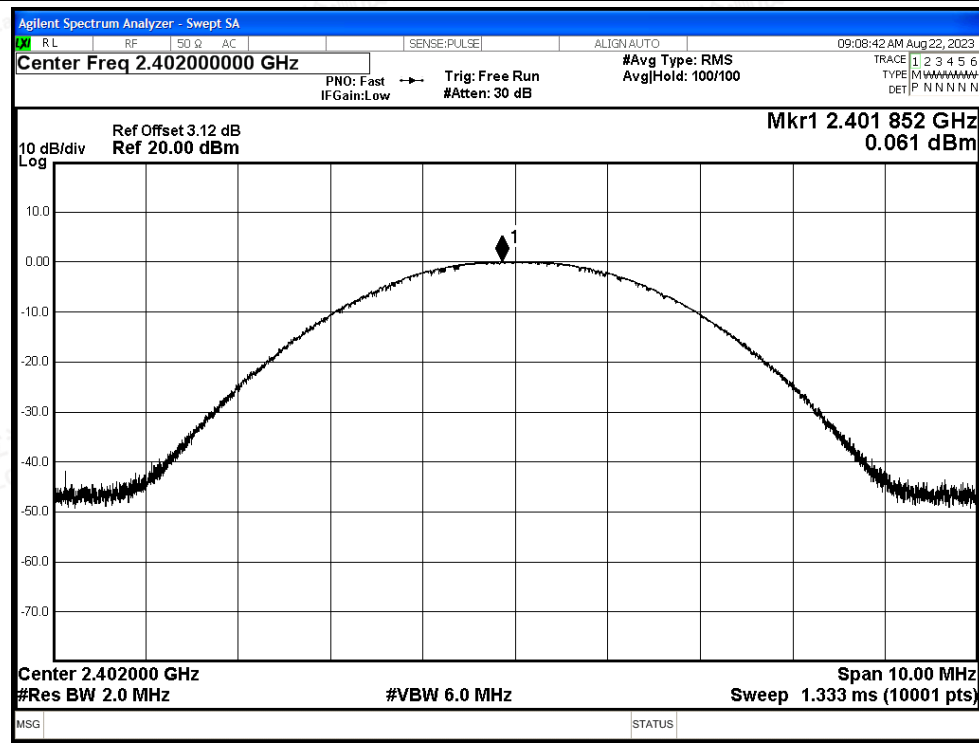




Power NVNT 1-DH5 2480MHz Ant1

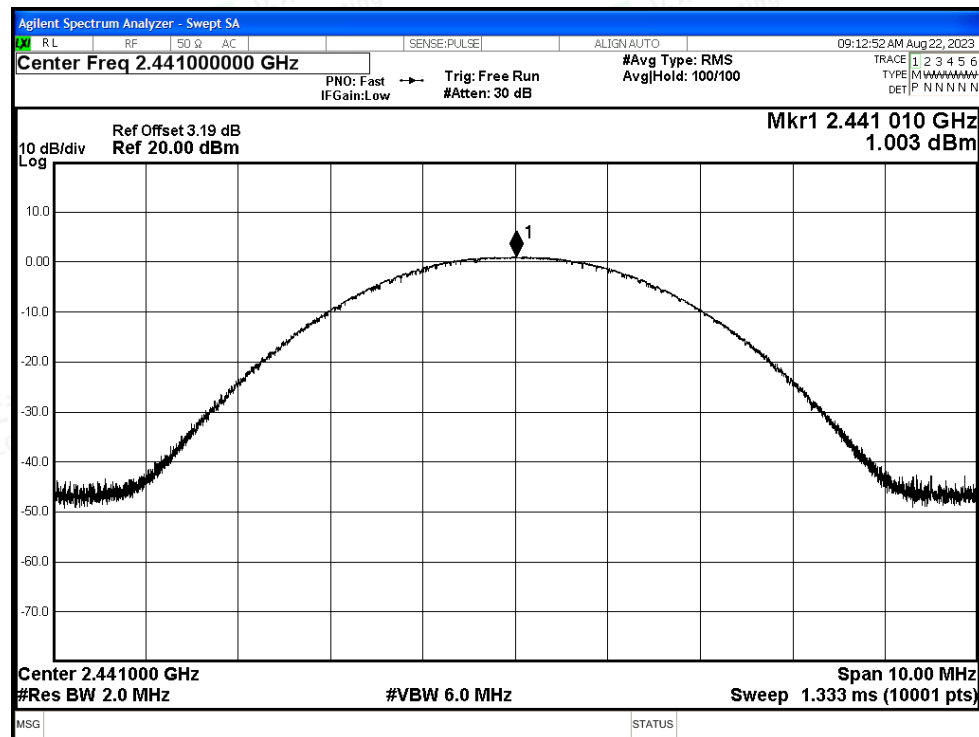


Power NVNT 2-DH5 2402MHz Ant1

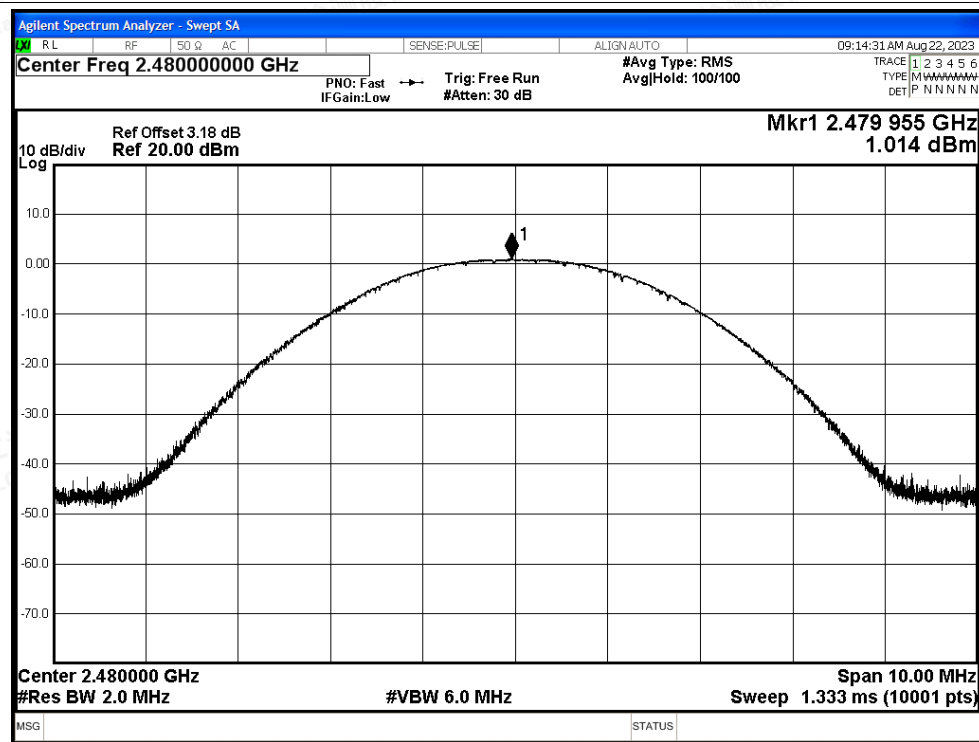




Power NVNT 2-DH5 2441MHz Ant1

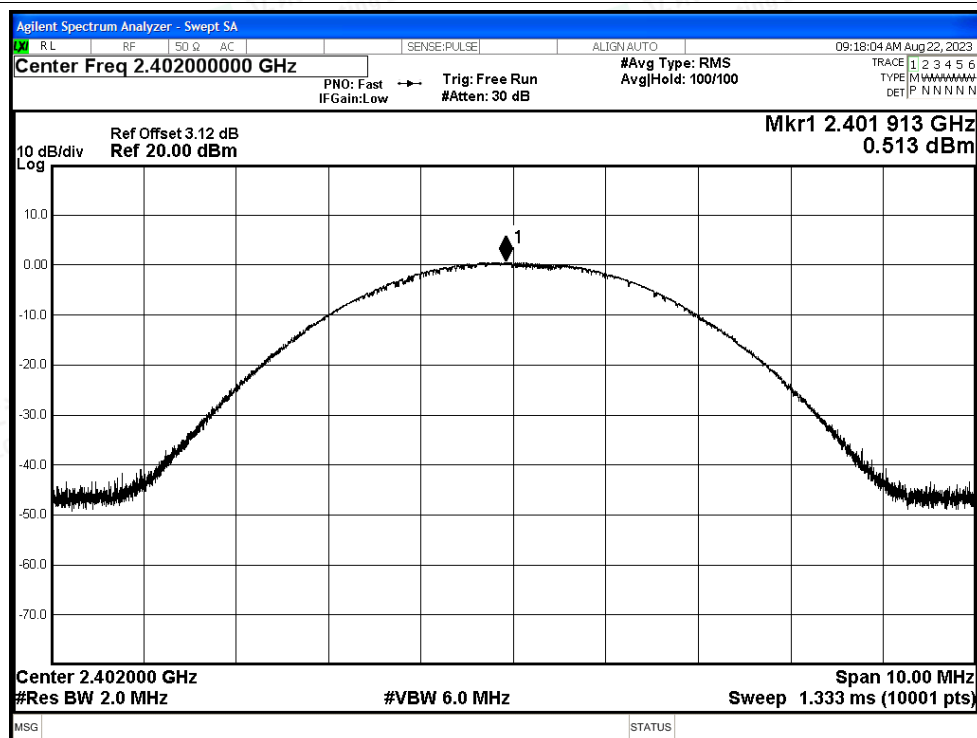


Power NVNT 2-DH5 2480MHz Ant1

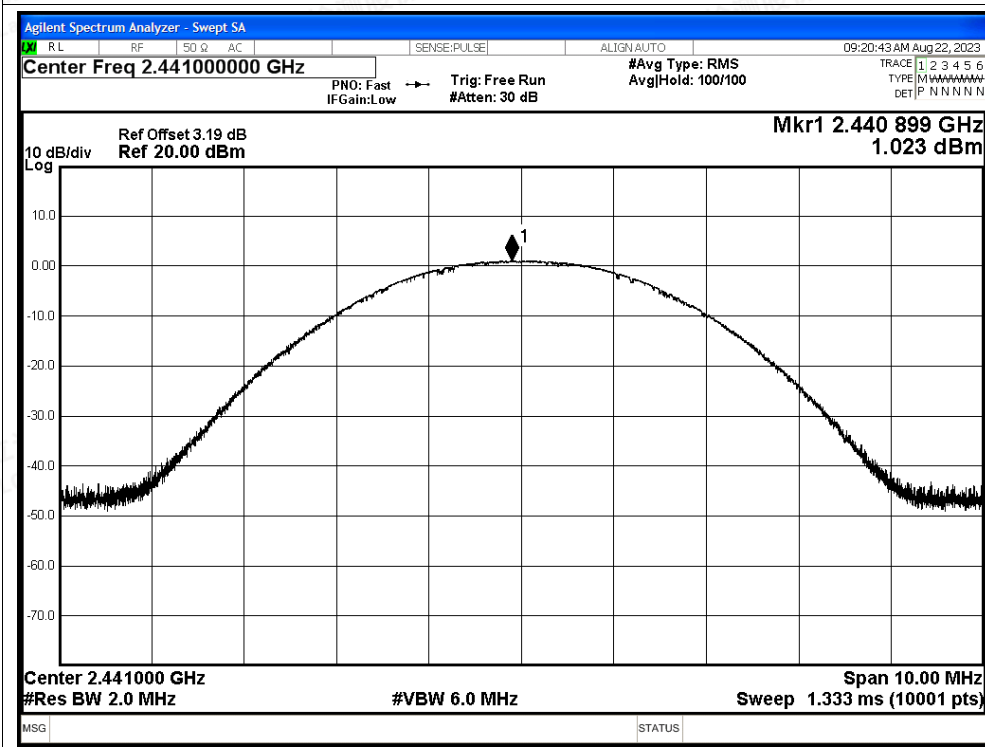


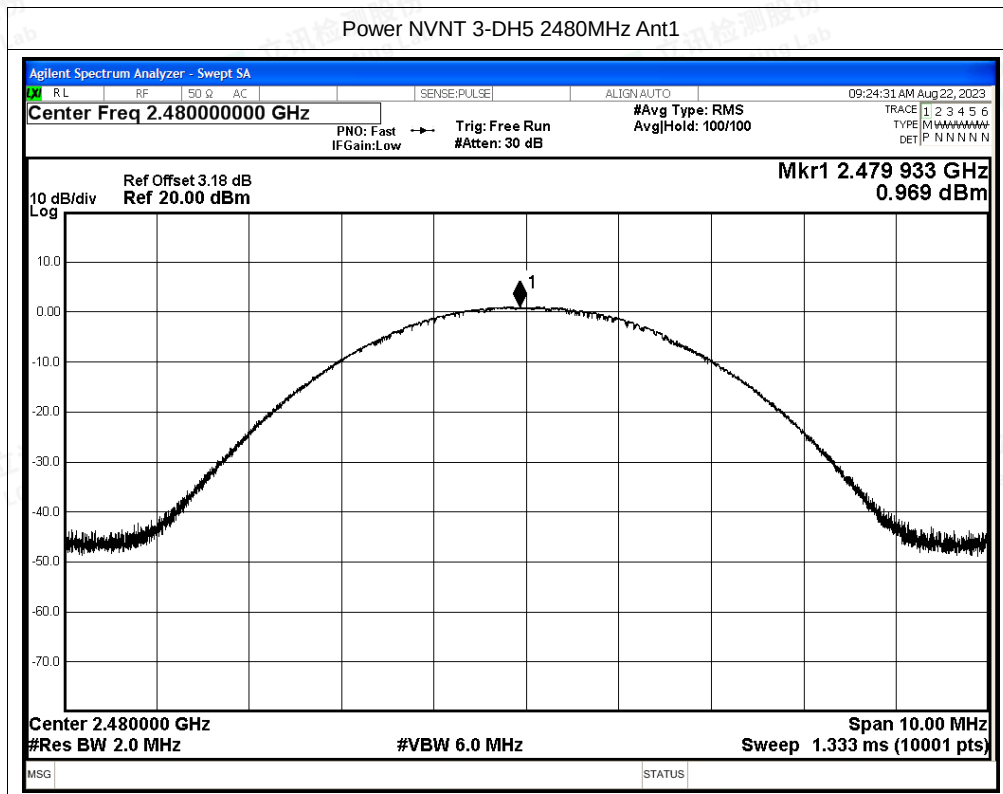


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1







A.3 Carrier Frequencies Separation

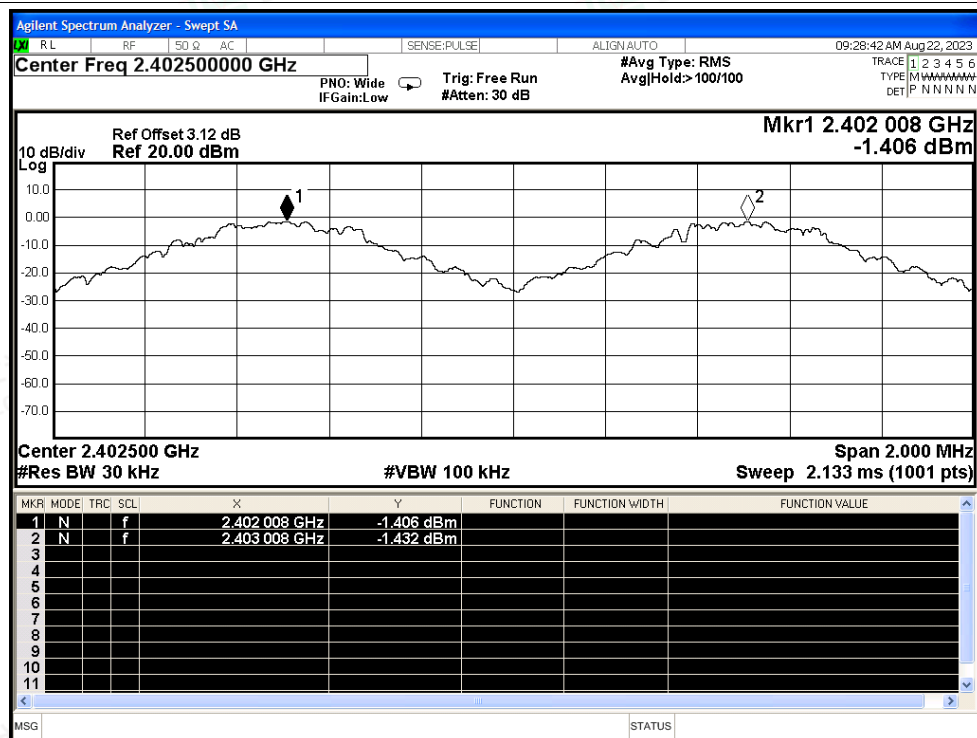
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.008	2403.008	1	0.562	Pass
NVNT	2-DH5	Ant1	2402.156	2403.154	0.998	0.843	Pass
NVNT	3-DH5	Ant1	2402.162	2403.154	0.992	0.857	Pass



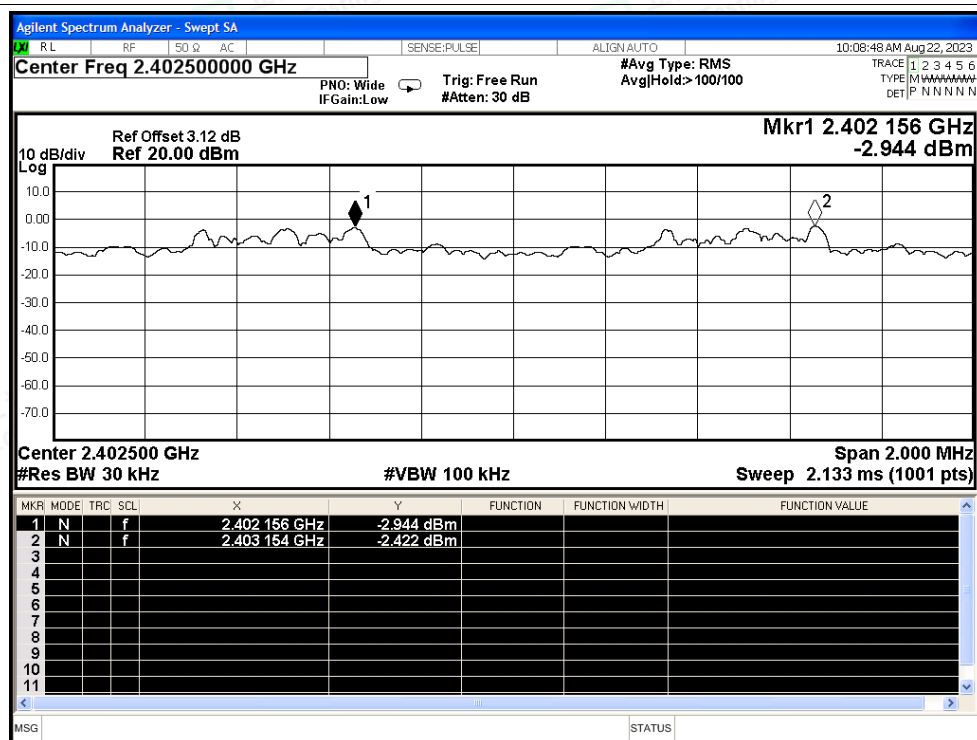


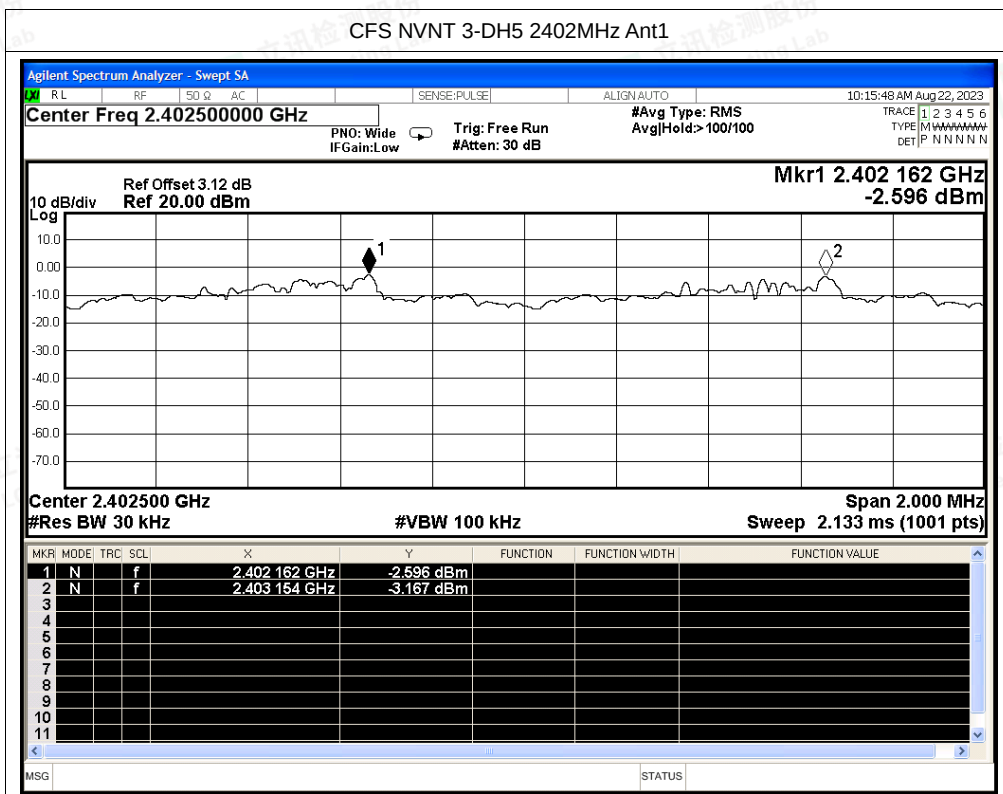
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1







A.4 Dwell Time

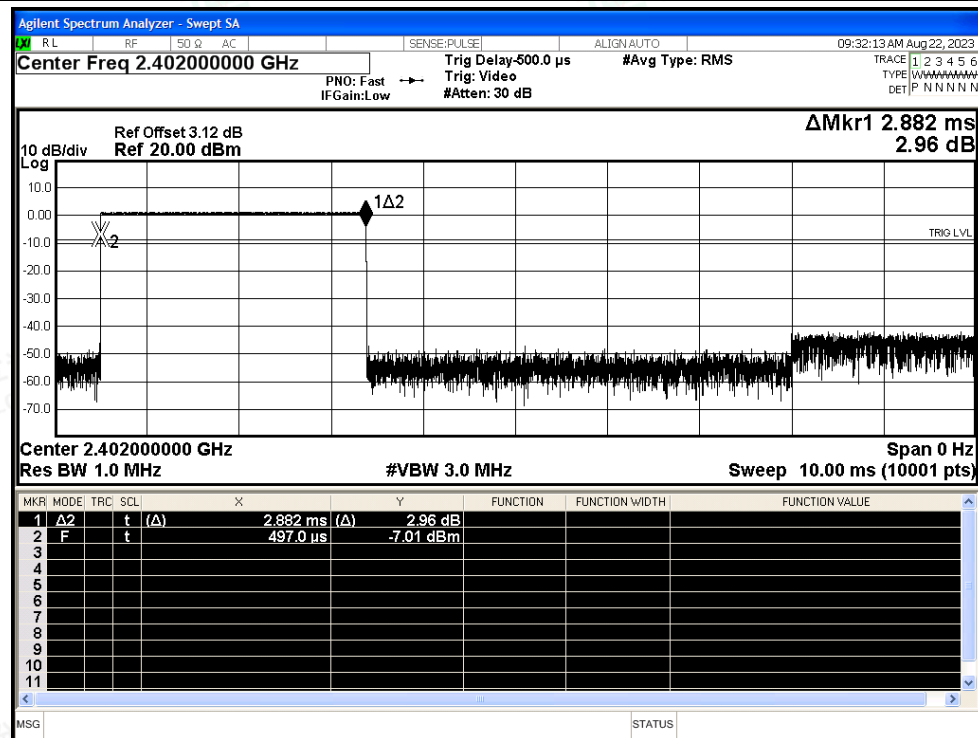
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	244.97	85	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	297.155	103	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	280.039	97	31600	400	Pass



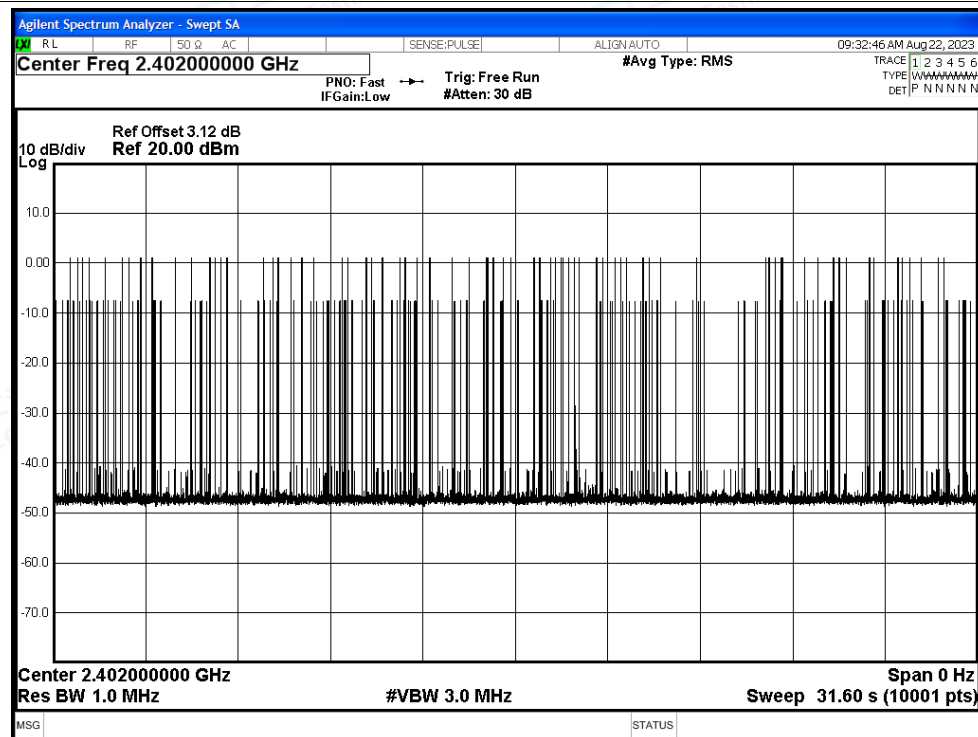


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

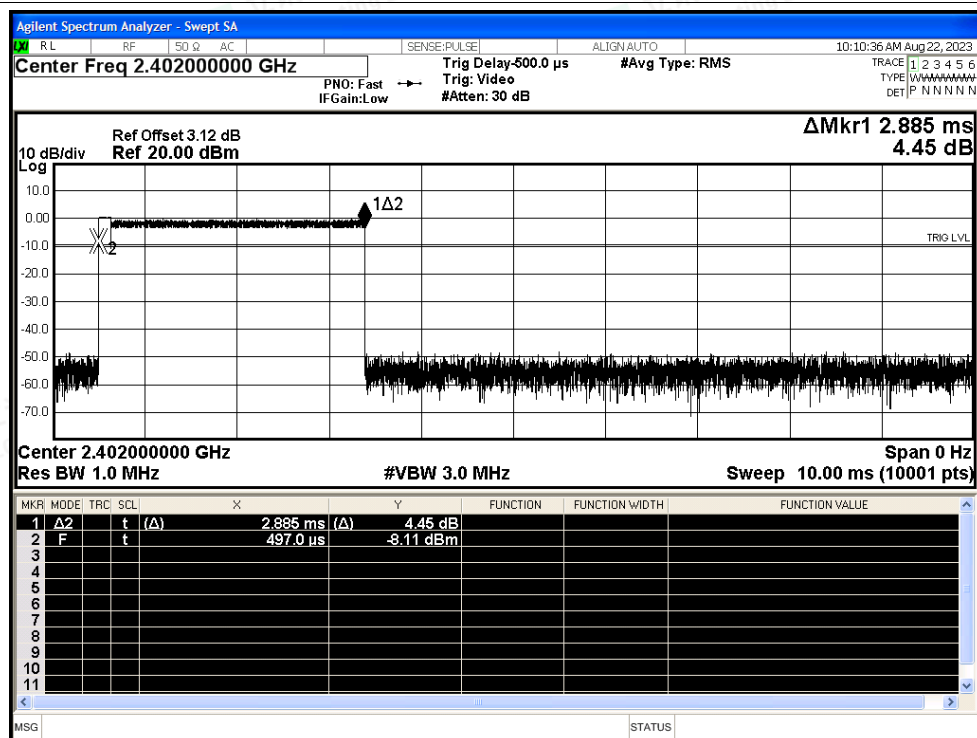


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

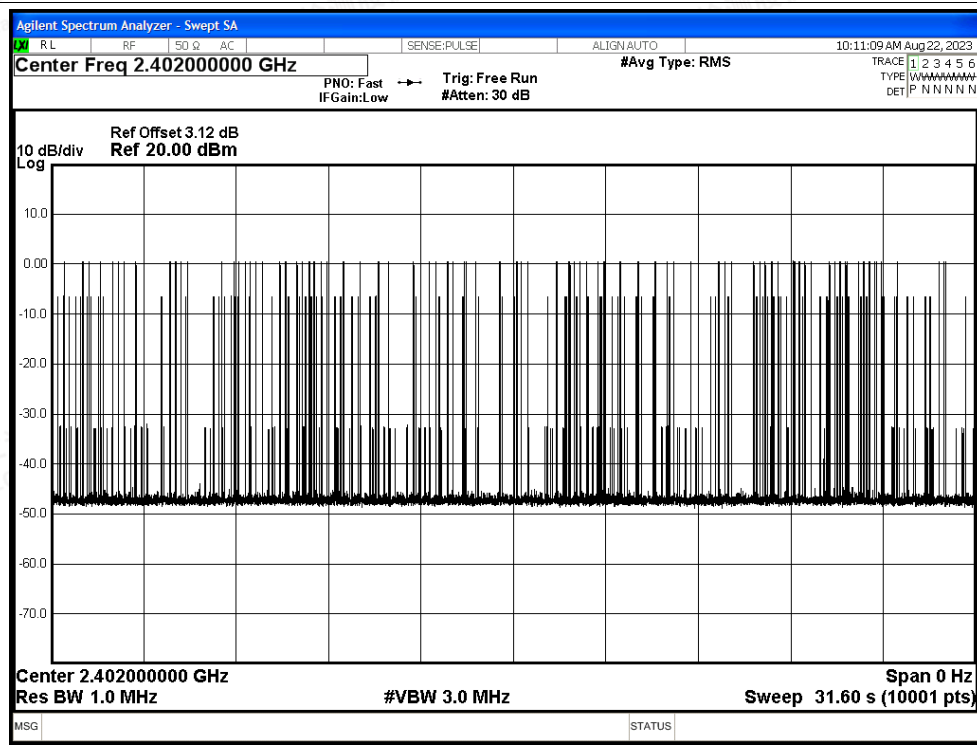




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

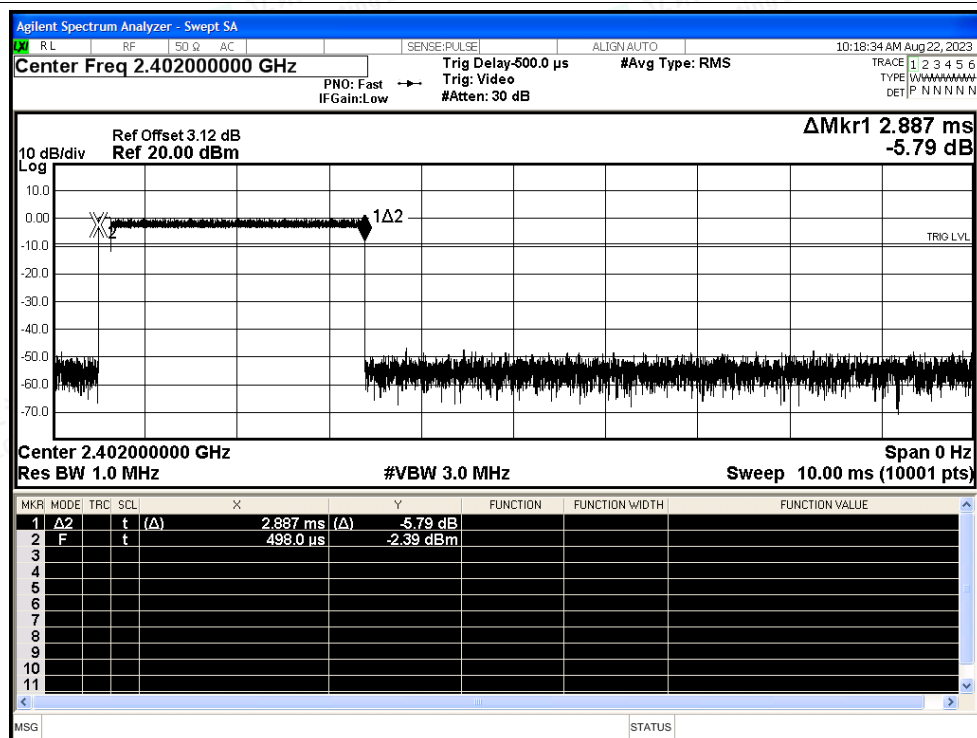


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

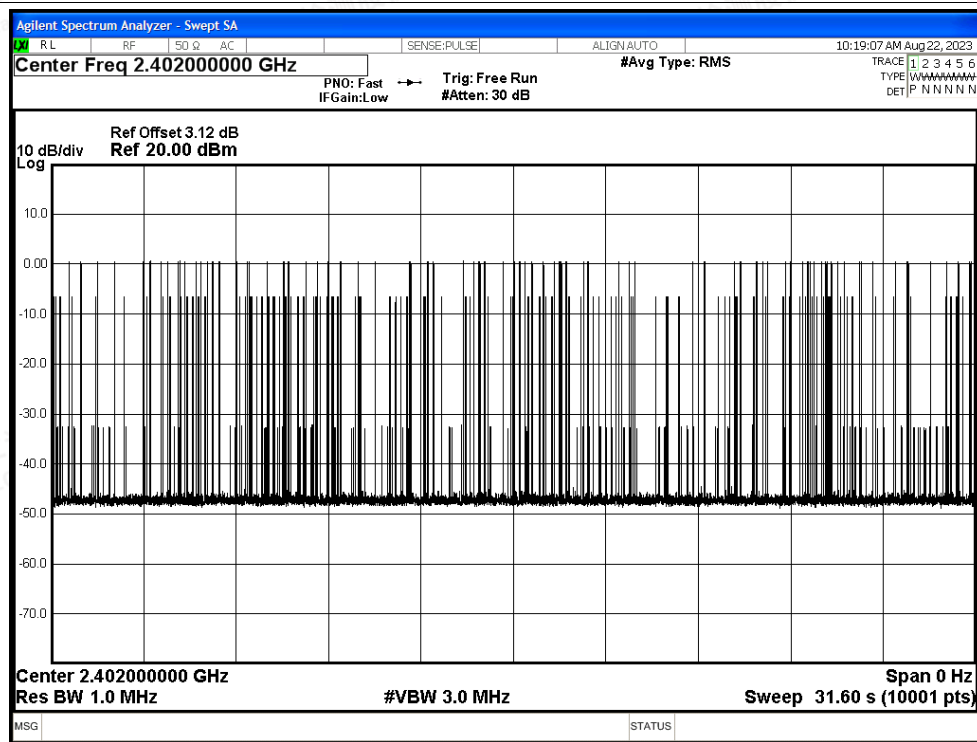




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





A.5 Number of Hopping Channel

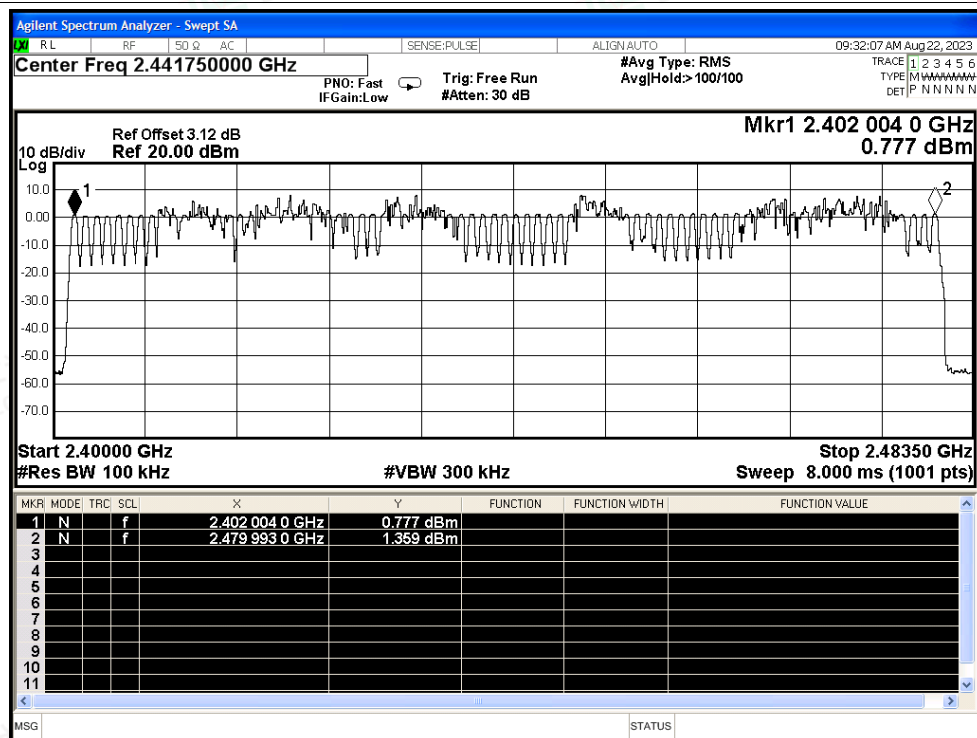
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



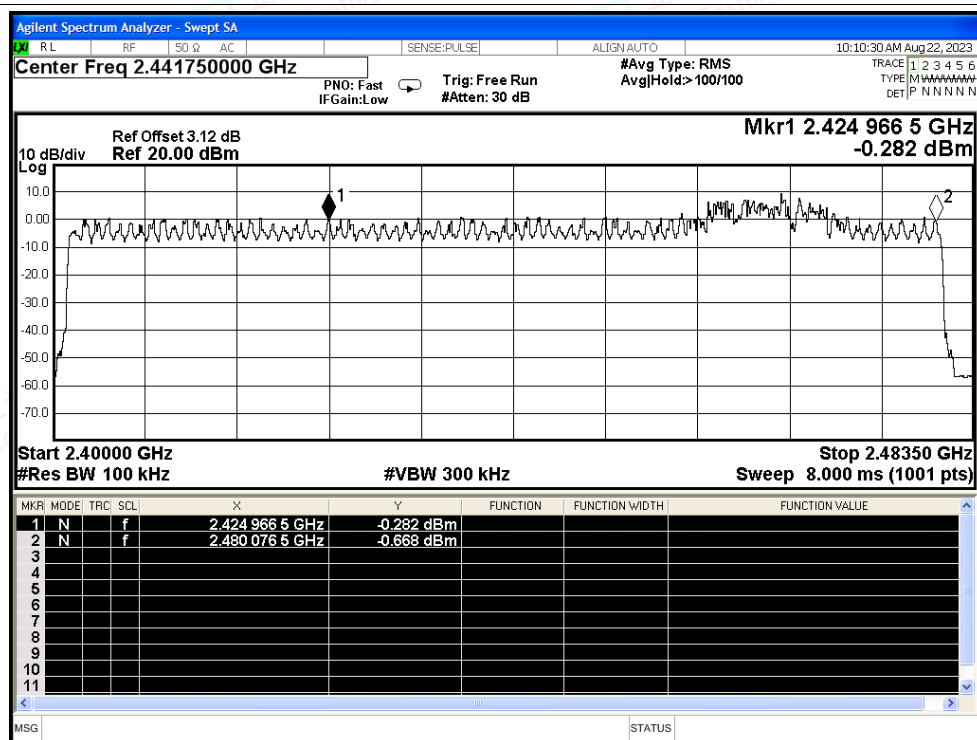


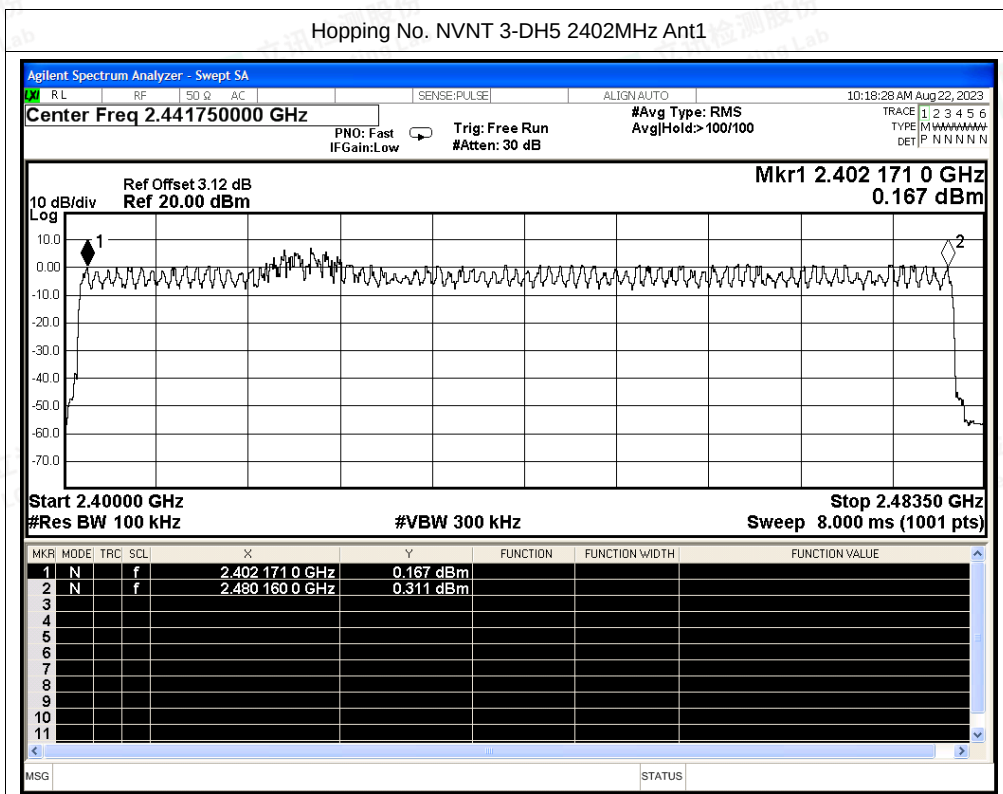
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1







A.6 Band Edge

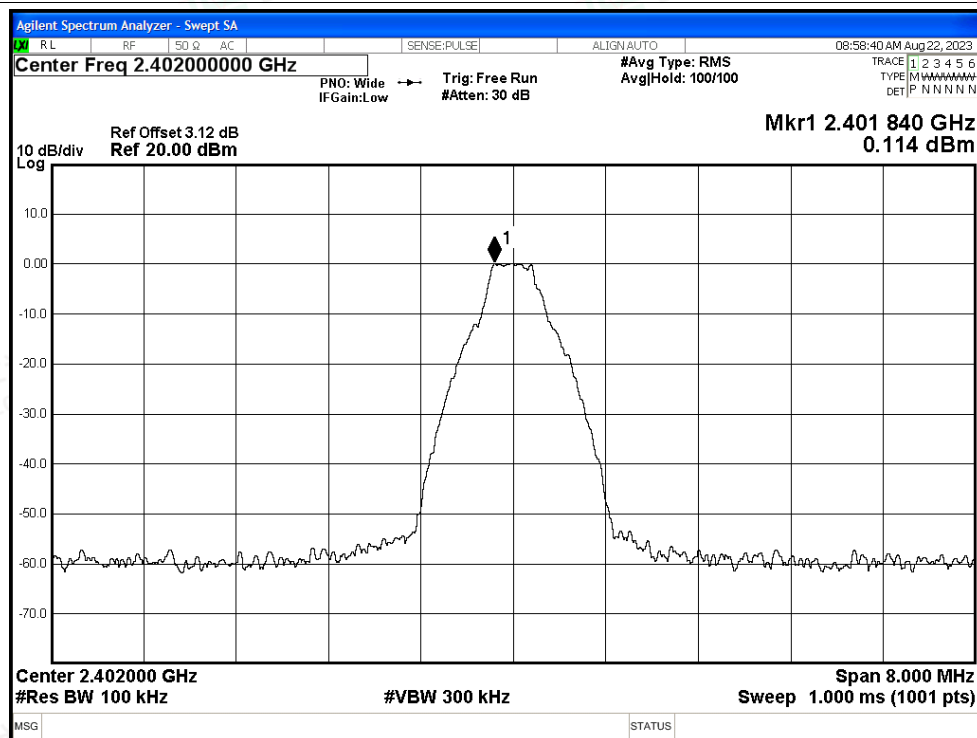
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.96	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.44	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.41	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.65	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.39	-20	Pass



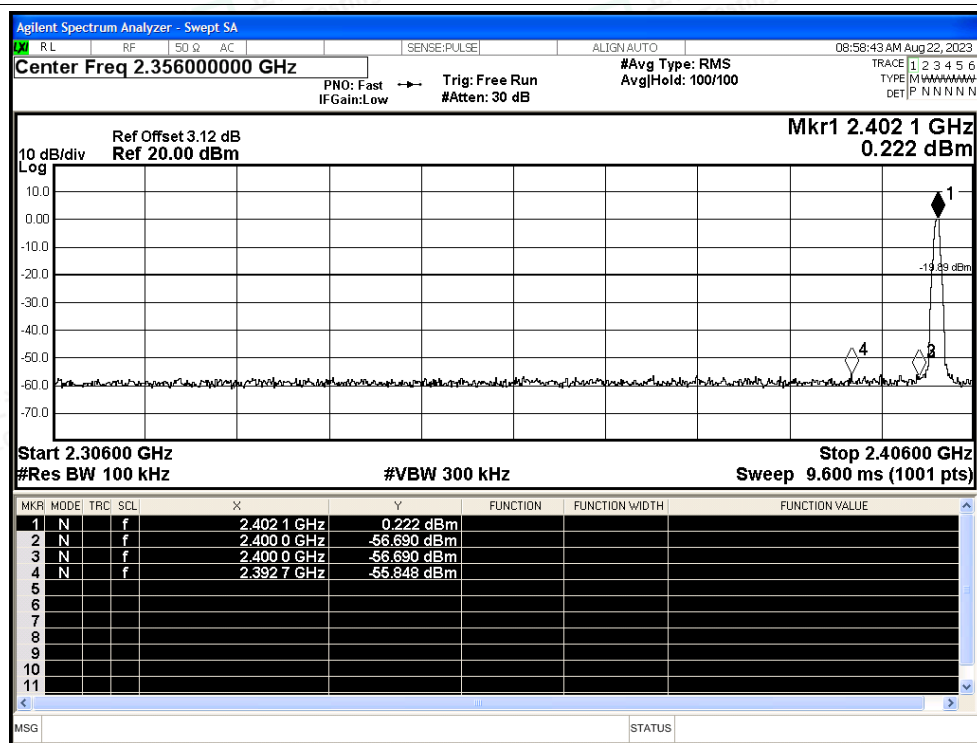


Test Graphs

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



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



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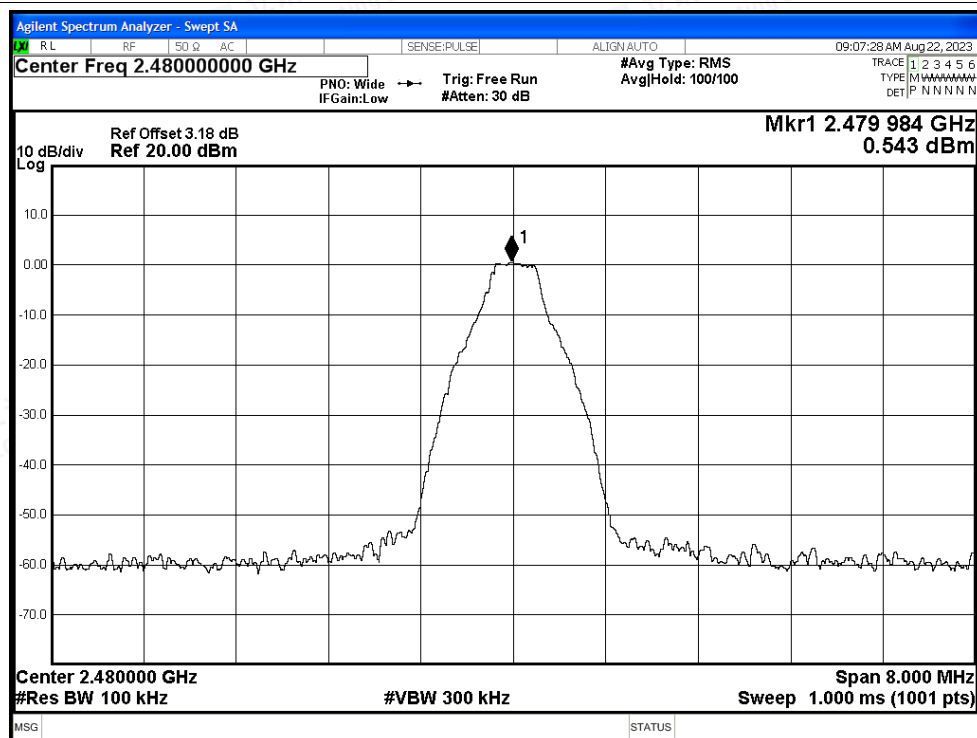
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

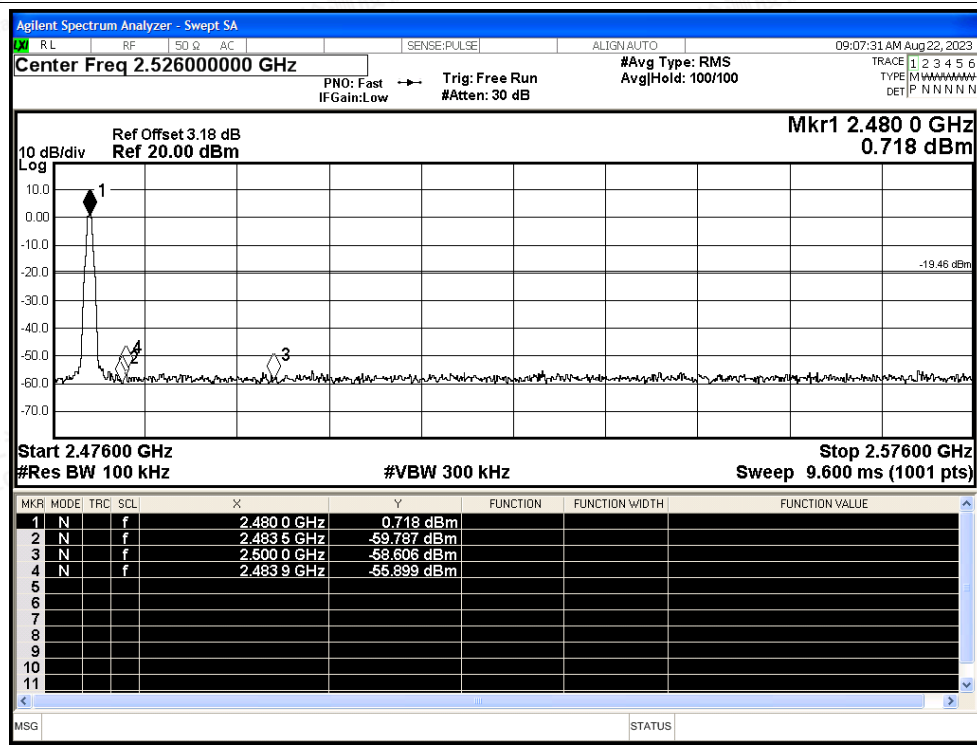
Scan code to check authenticity



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

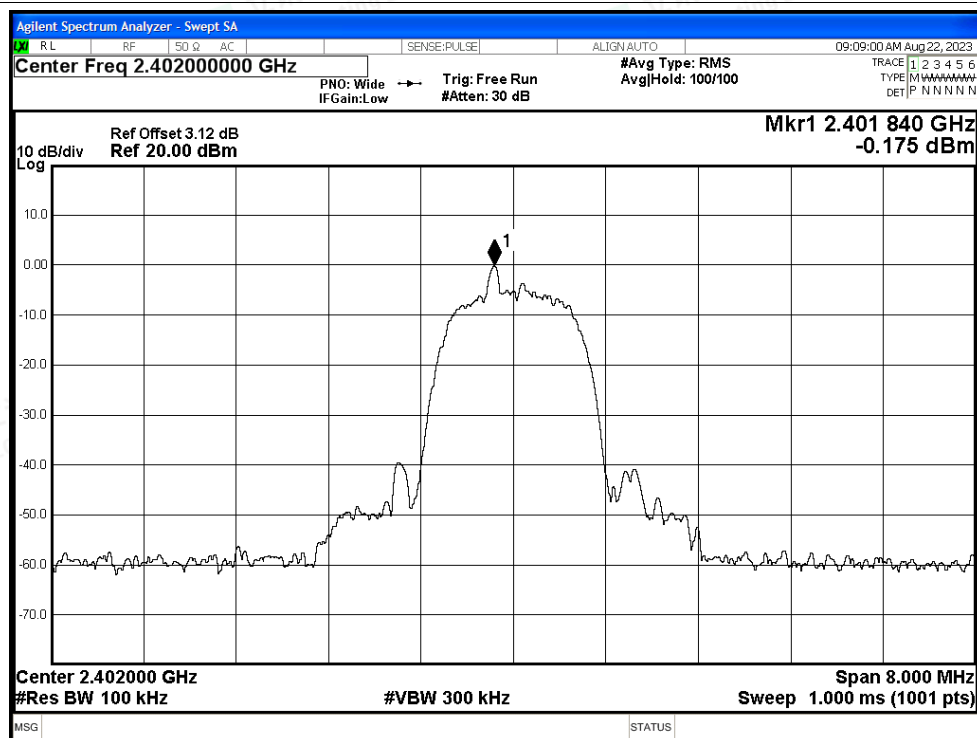


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

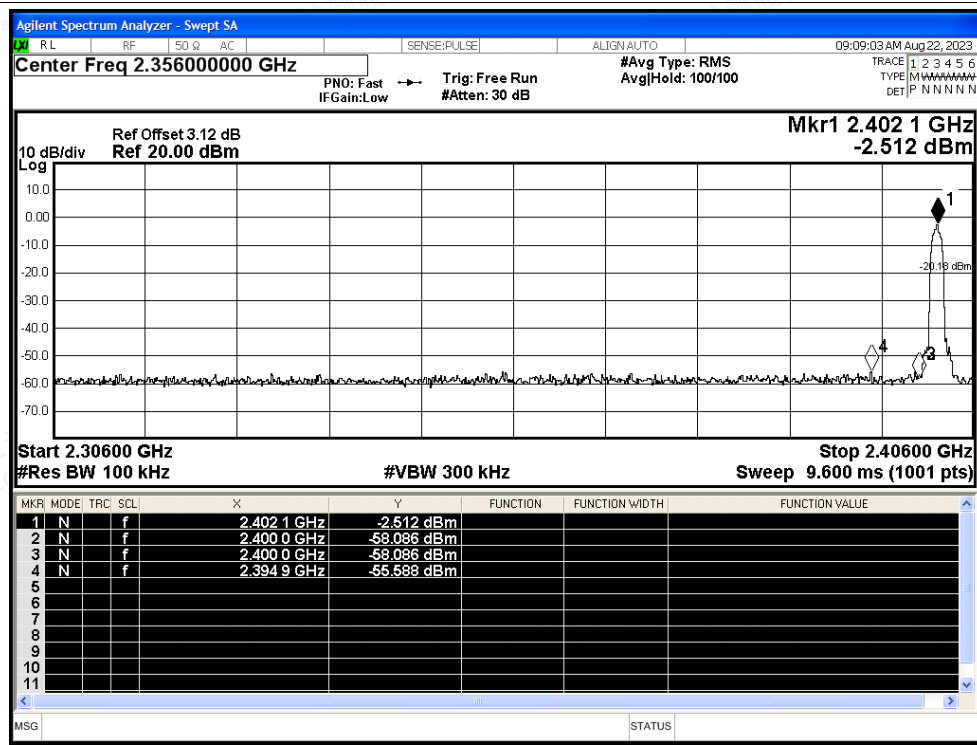




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

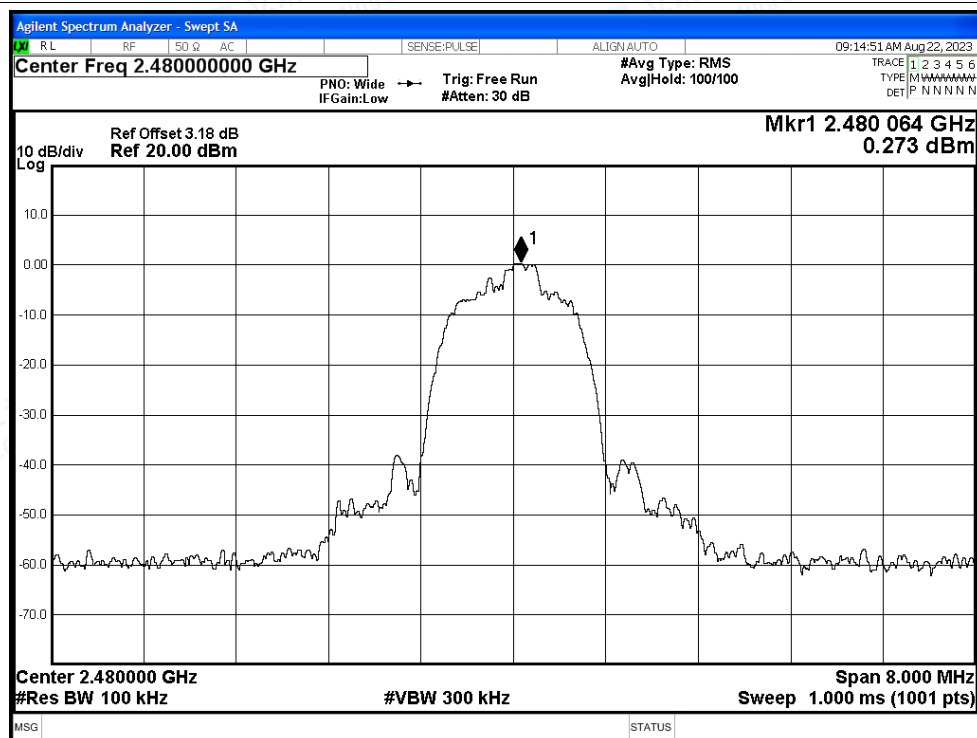


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

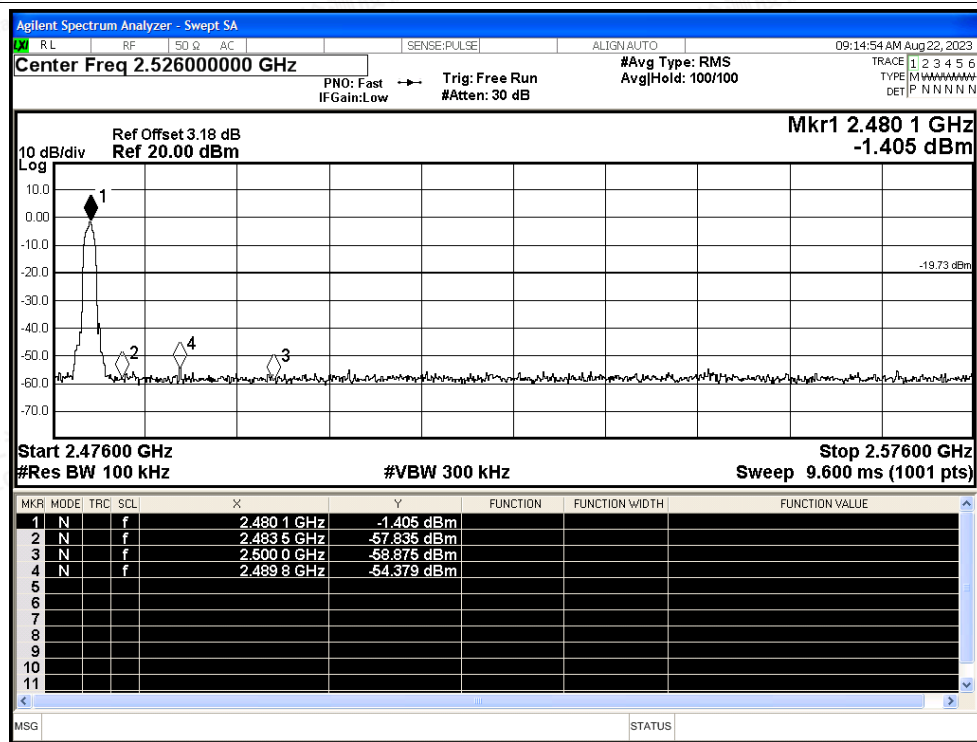




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

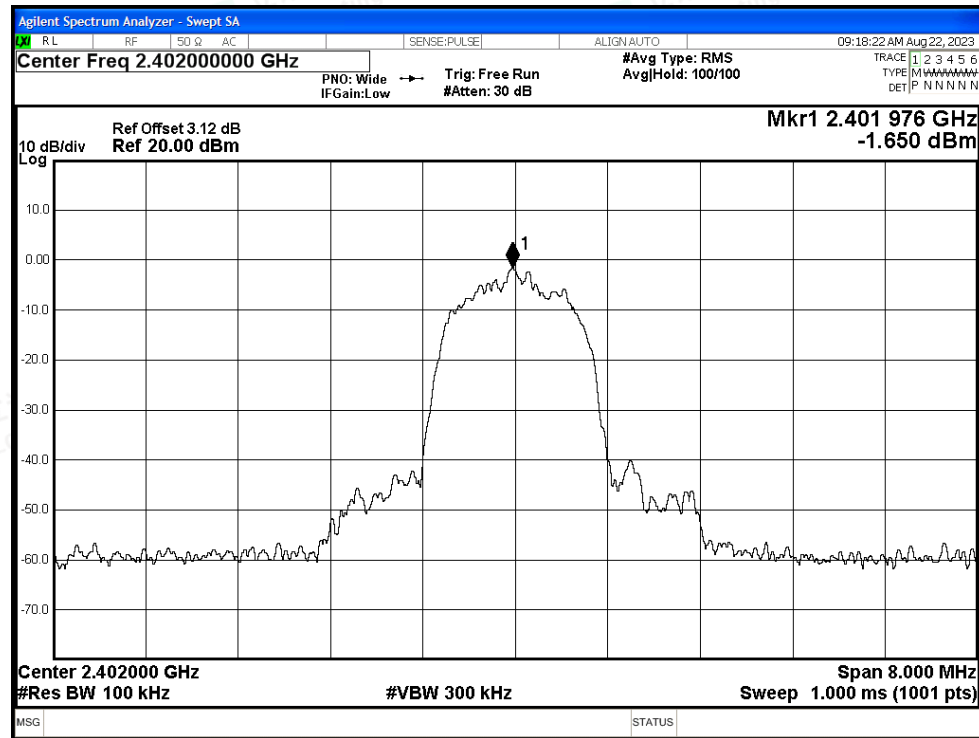


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

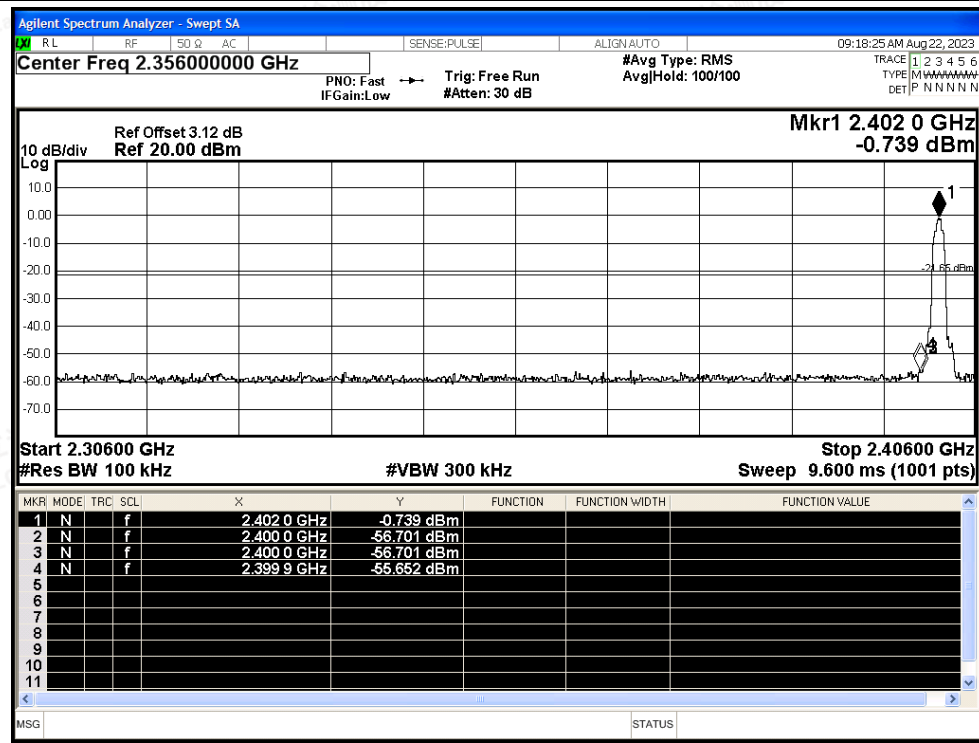




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

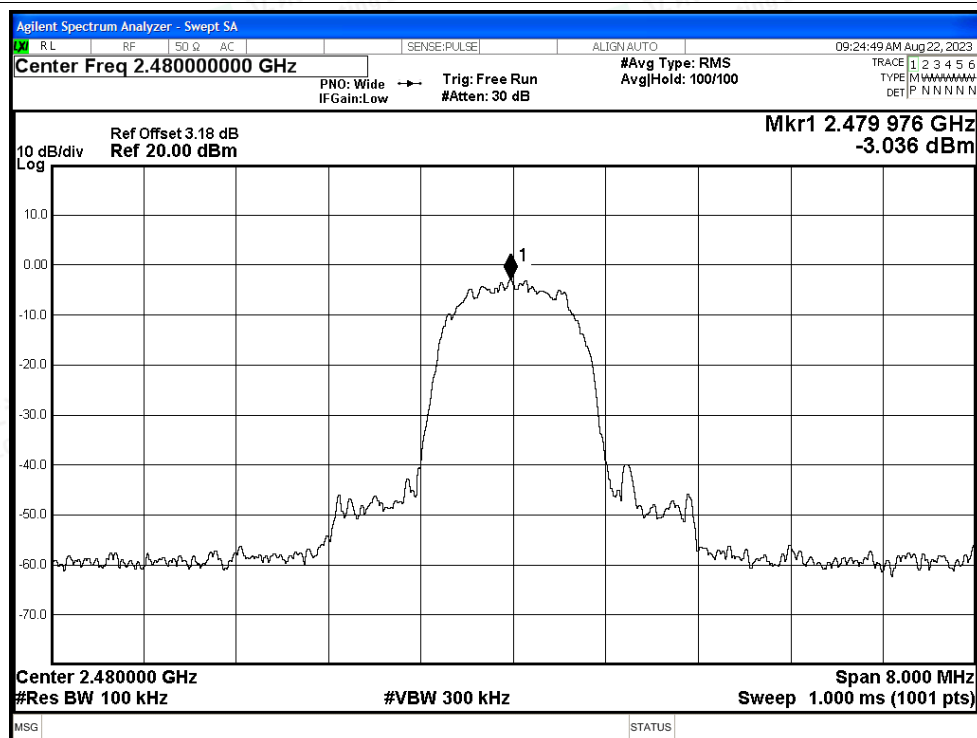


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

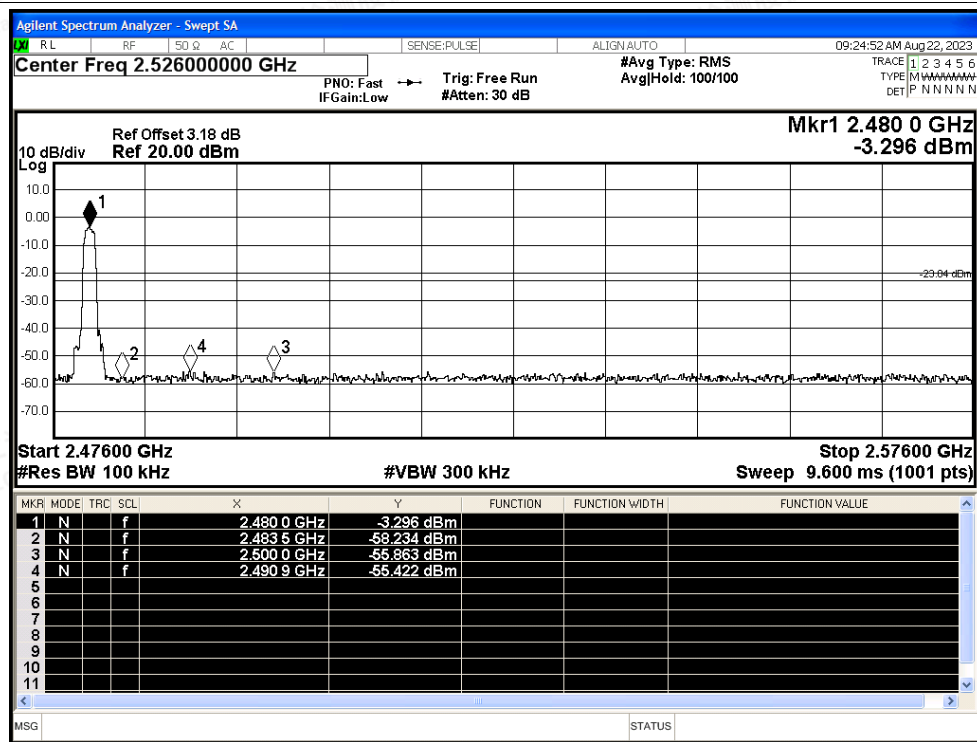




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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





(Hopping)

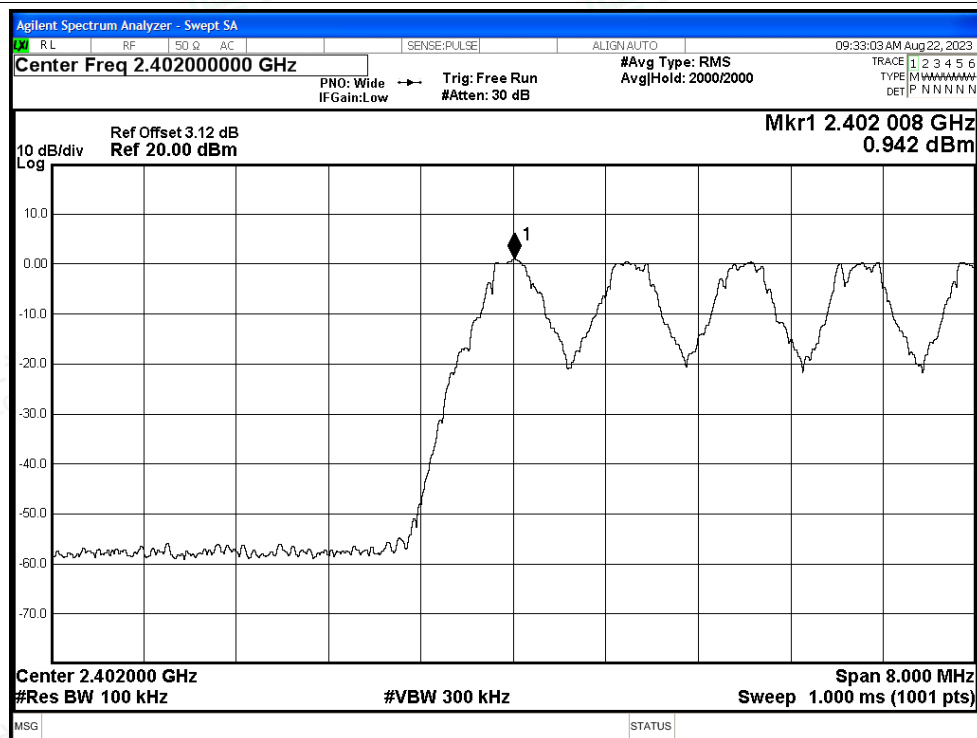
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.25	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.92	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.2	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-43.88	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-55.43	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-49.01	-20	Pass



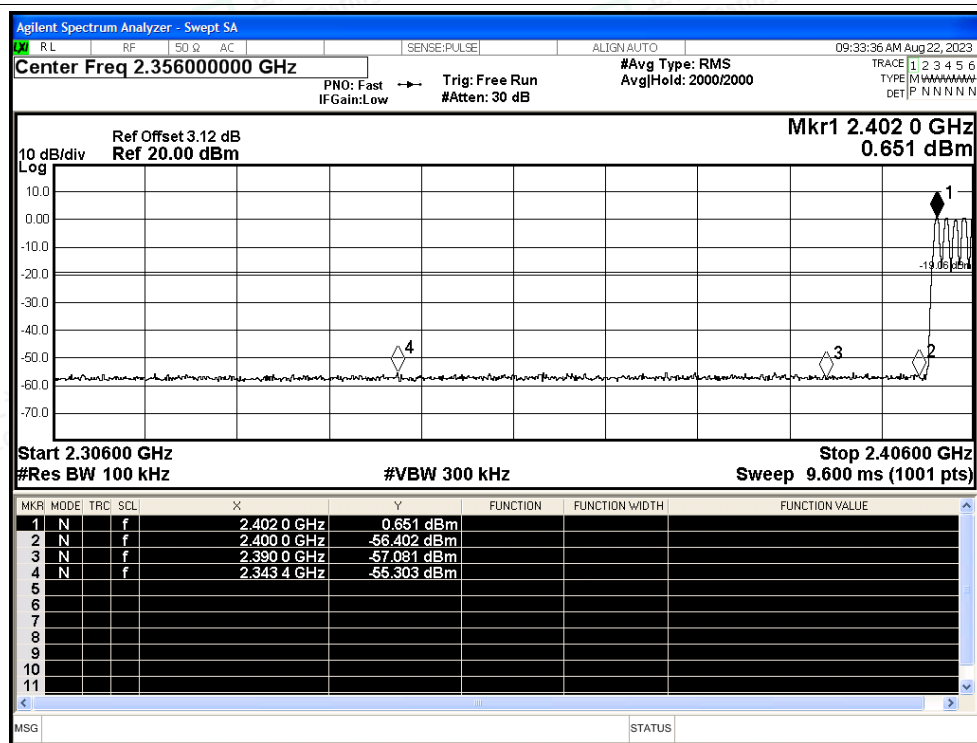


Test Graphs

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



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



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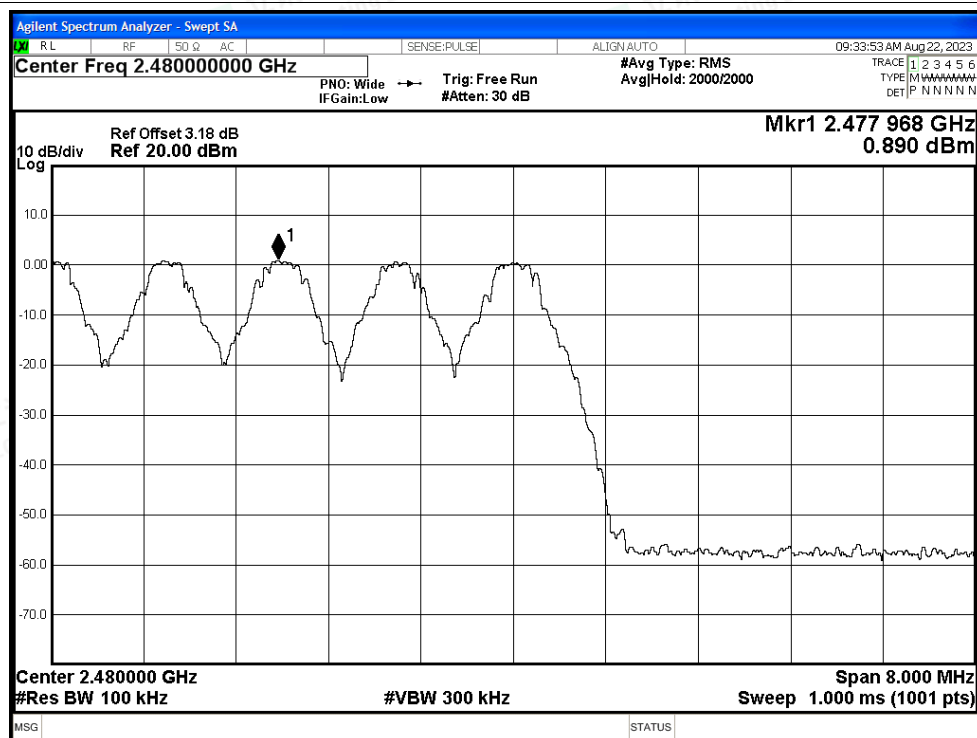
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

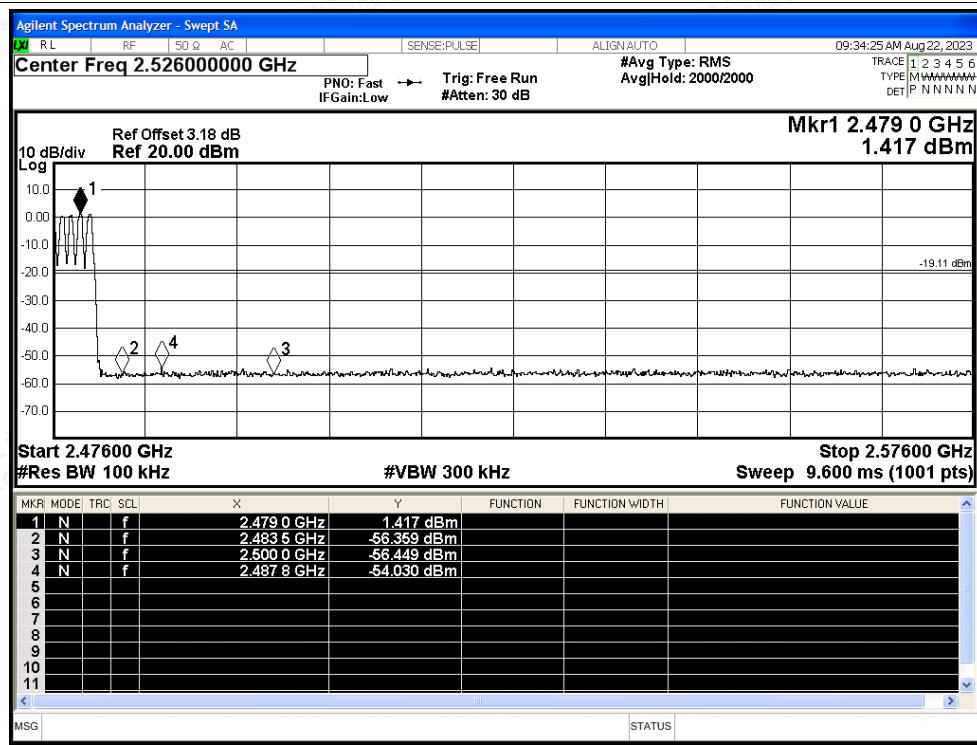
Scan code to check authenticity



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

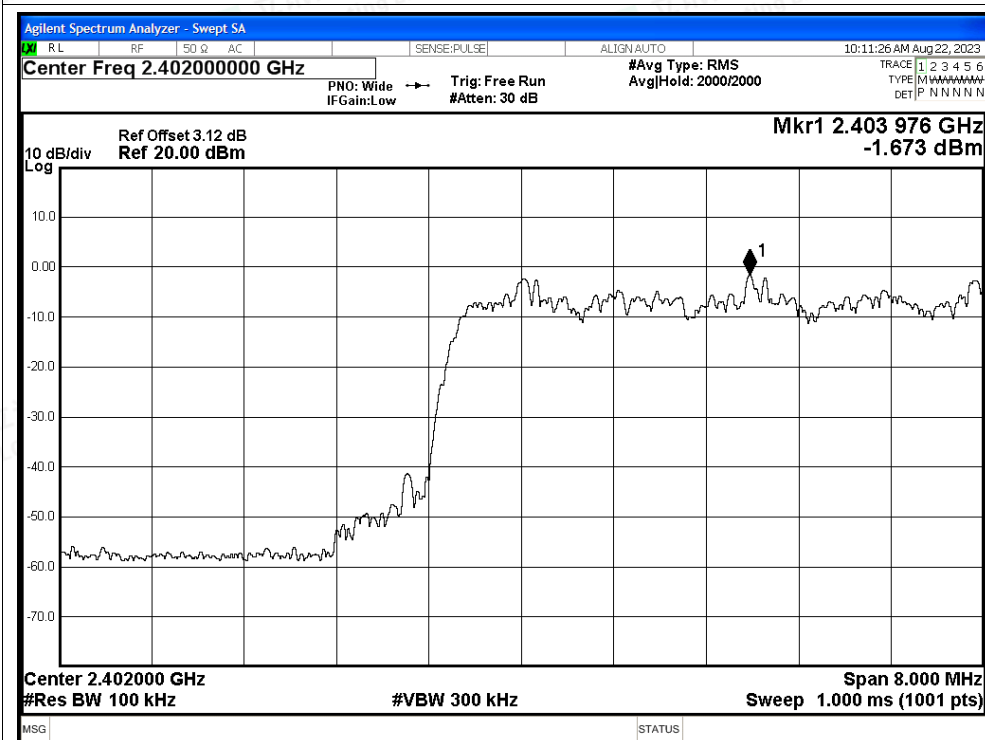


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

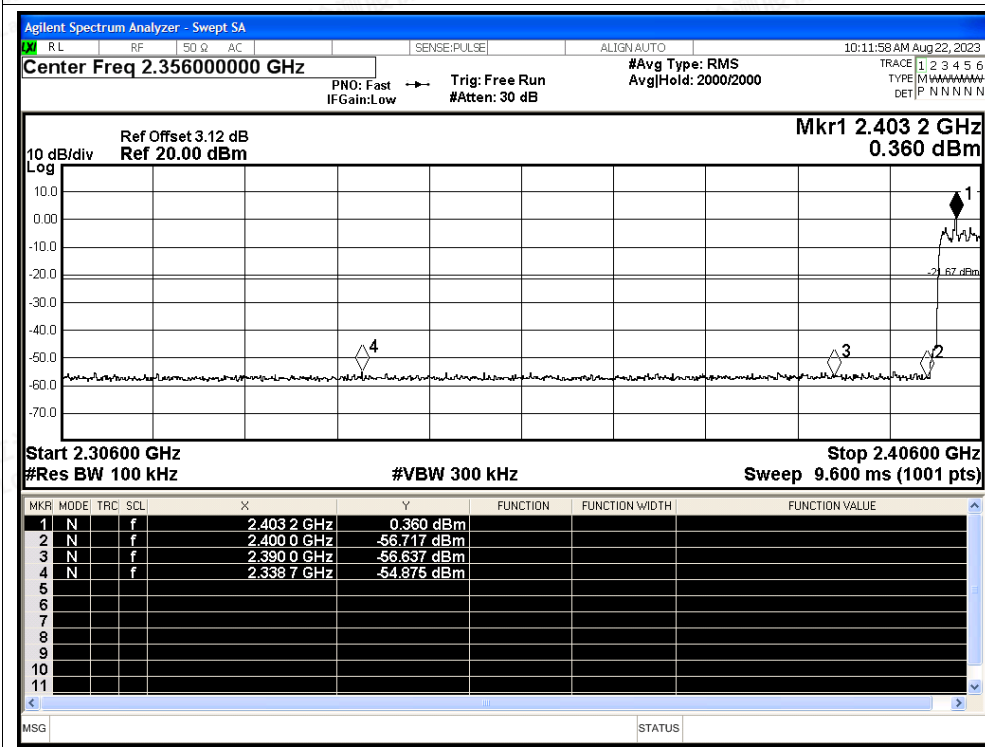




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

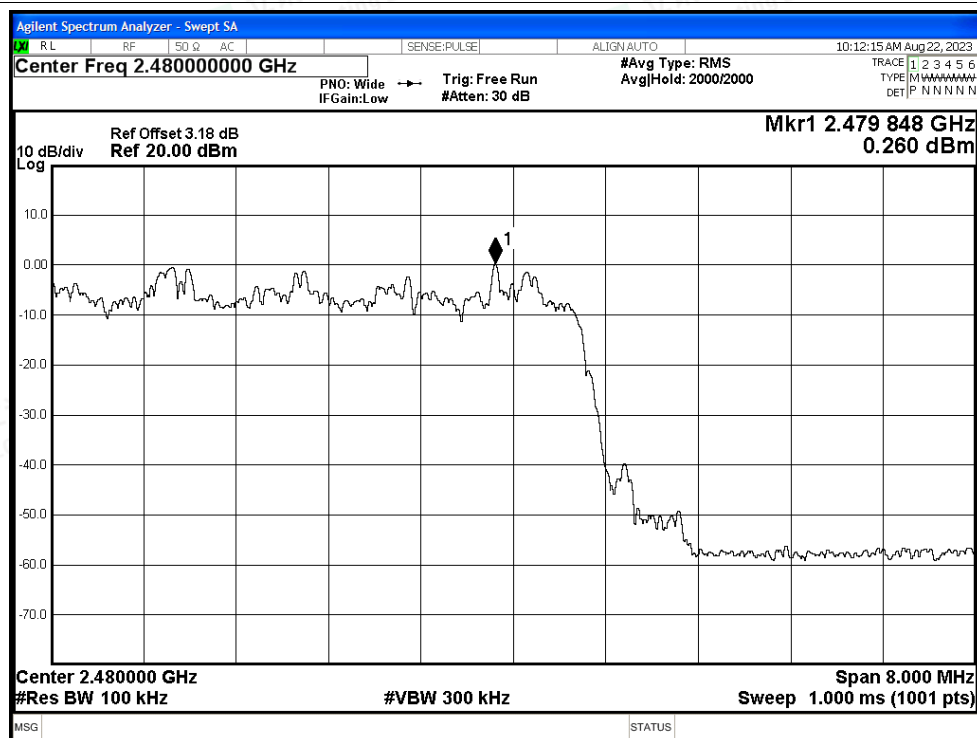
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

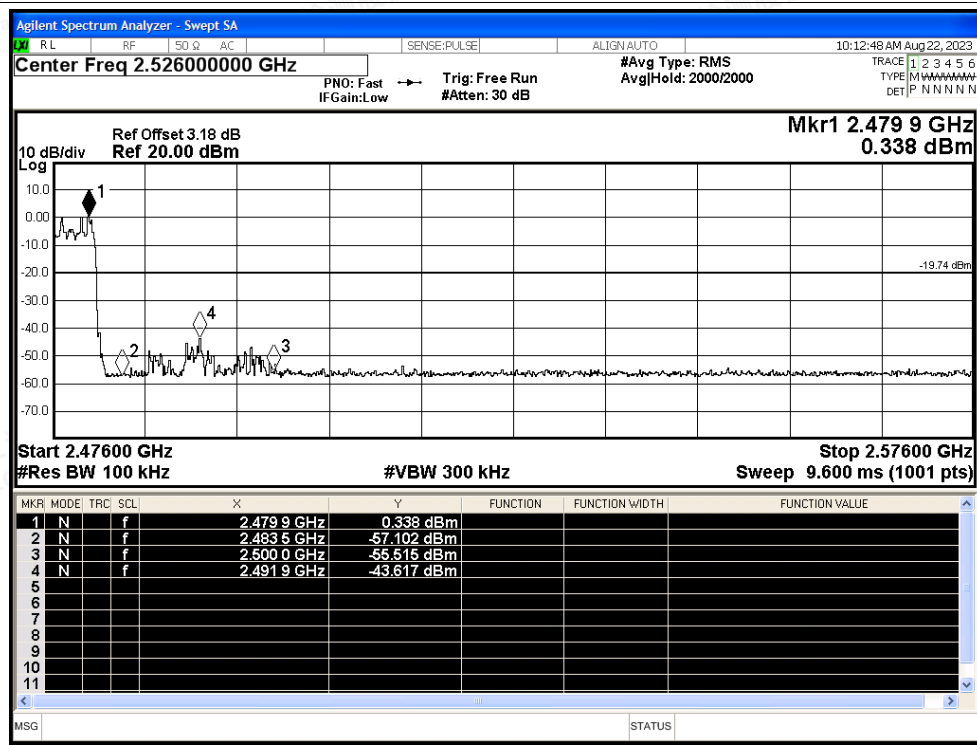
Scan code to check authenticity



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



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



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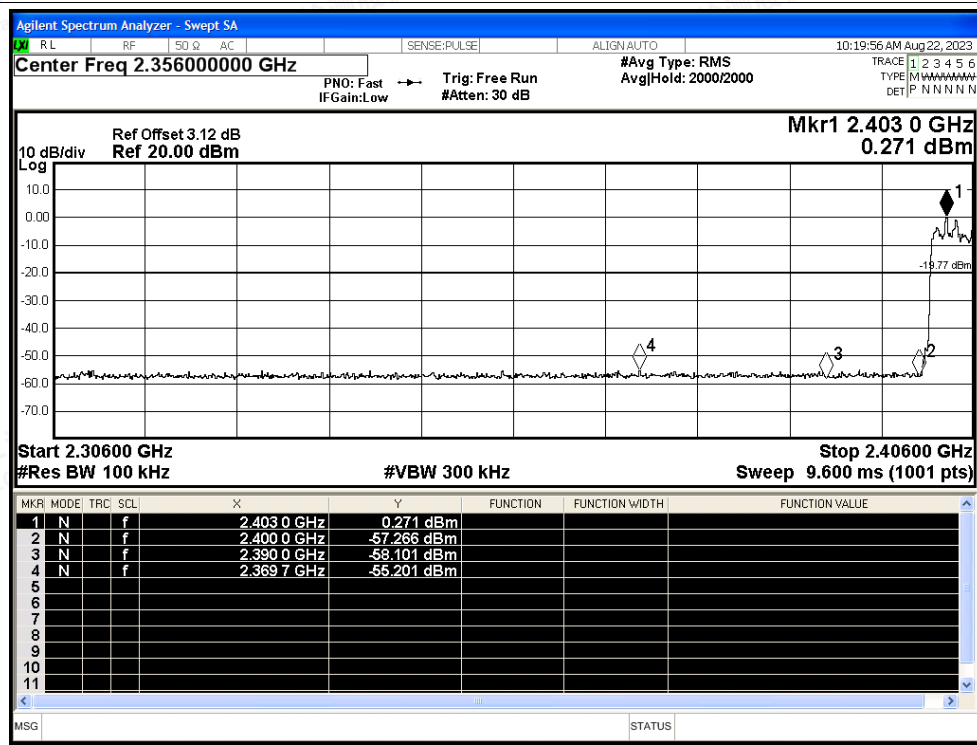
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

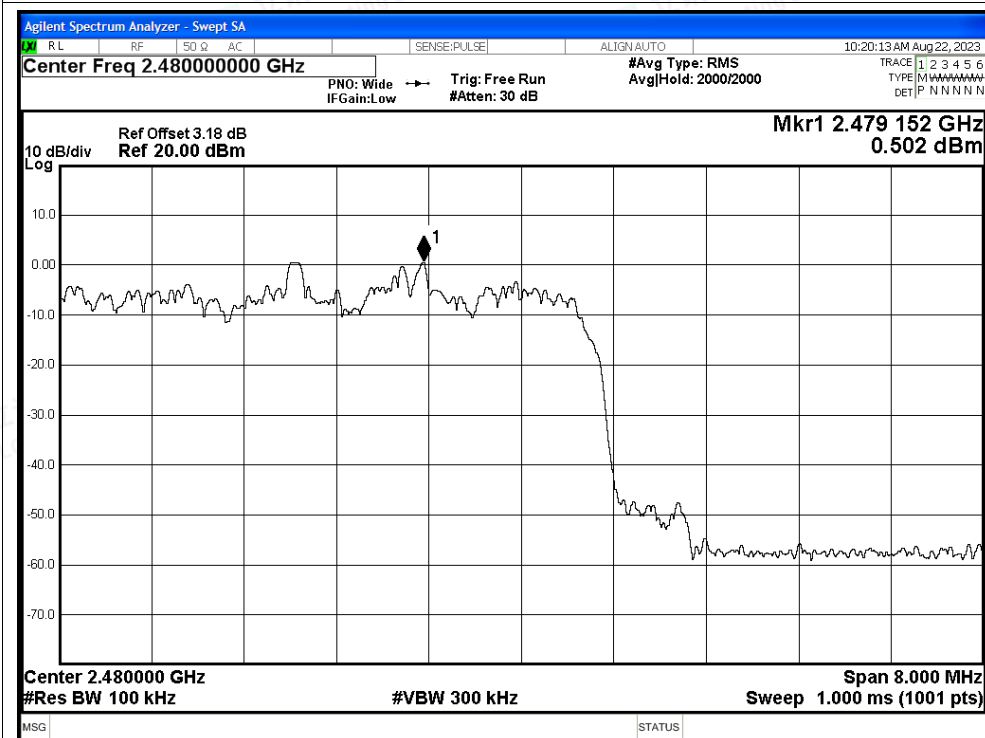
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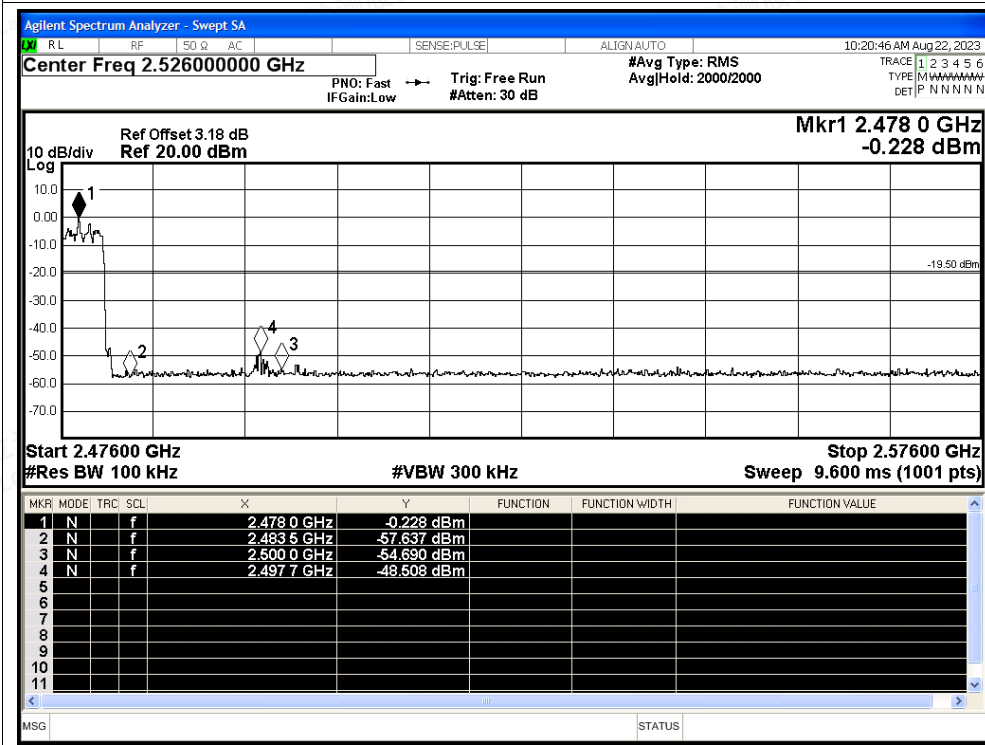
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Scan code to check authenticity



A.7 Conducted RF Spurious Emission

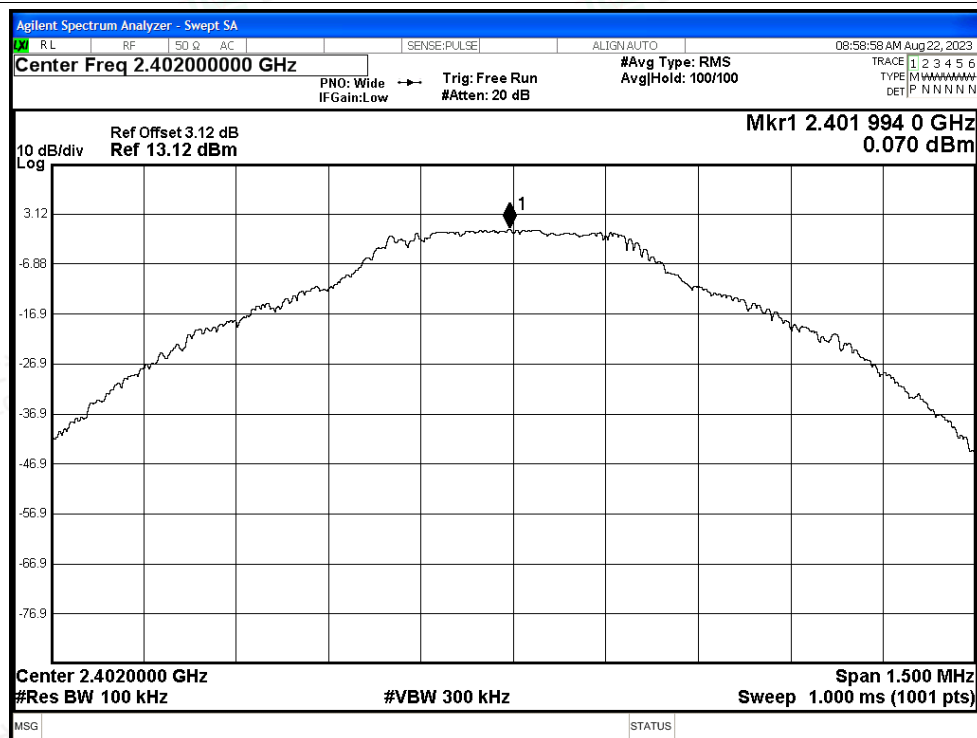
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.49	-20	Pass
NVNT	1-DH5	2441	Ant1	-52.57	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.89	-20	Pass
NVNT	2-DH5	2402	Ant1	-52.83	-20	Pass
NVNT	2-DH5	2441	Ant1	-55	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.78	-20	Pass
NVNT	3-DH5	2402	Ant1	-52.75	-20	Pass
NVNT	3-DH5	2441	Ant1	-55.22	-20	Pass
NVNT	3-DH5	2480	Ant1	-54.63	-20	Pass



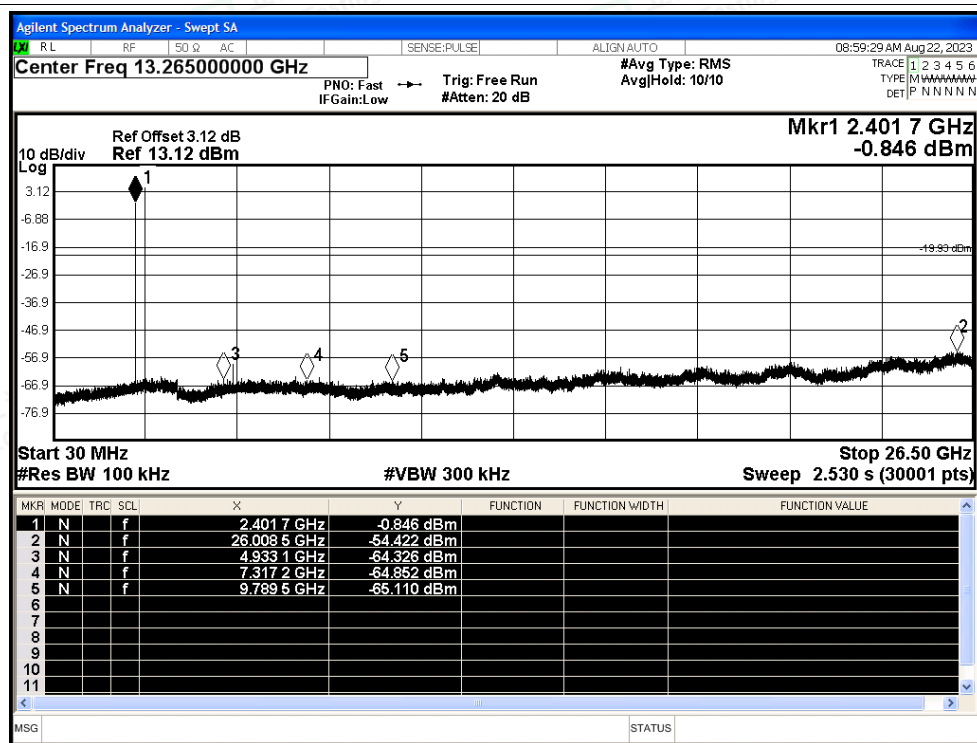


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

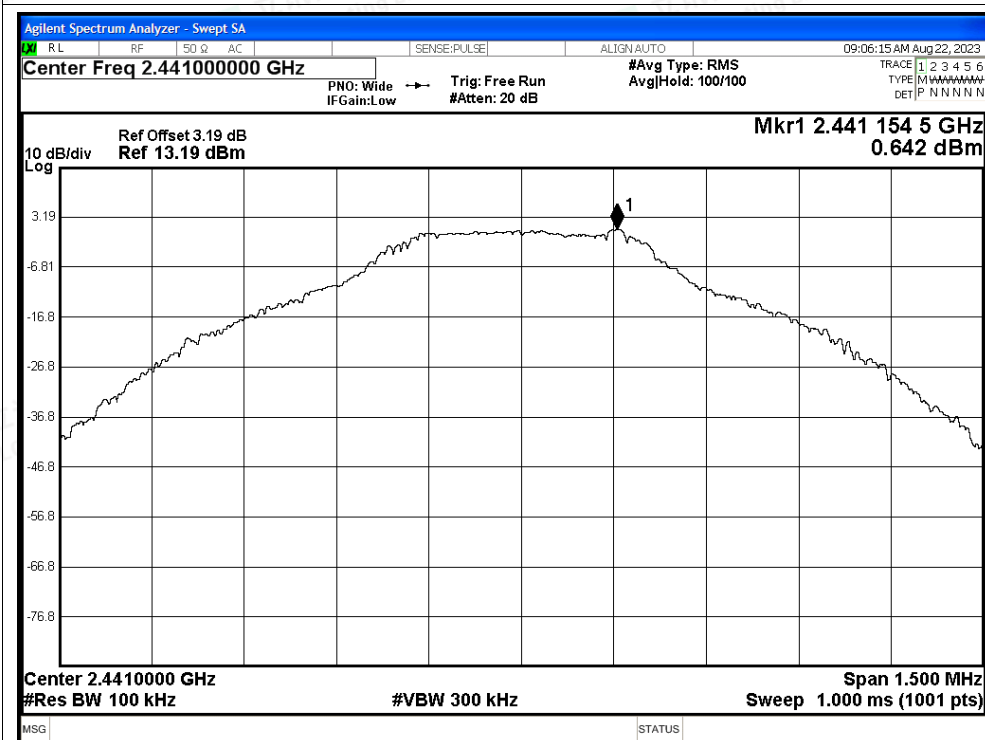


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

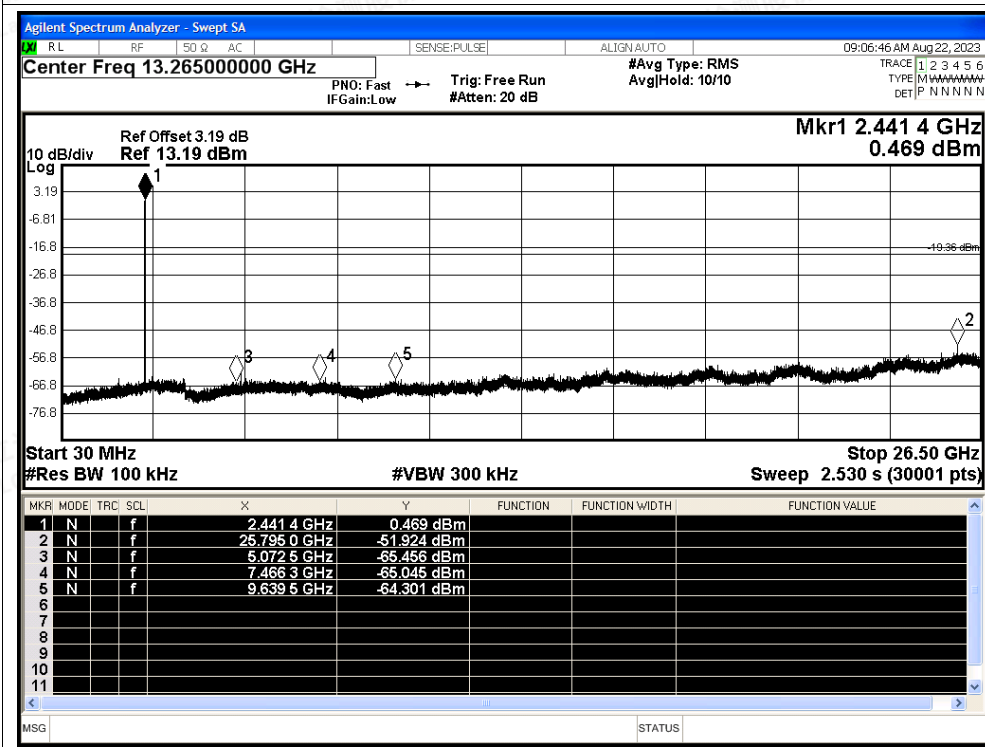




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

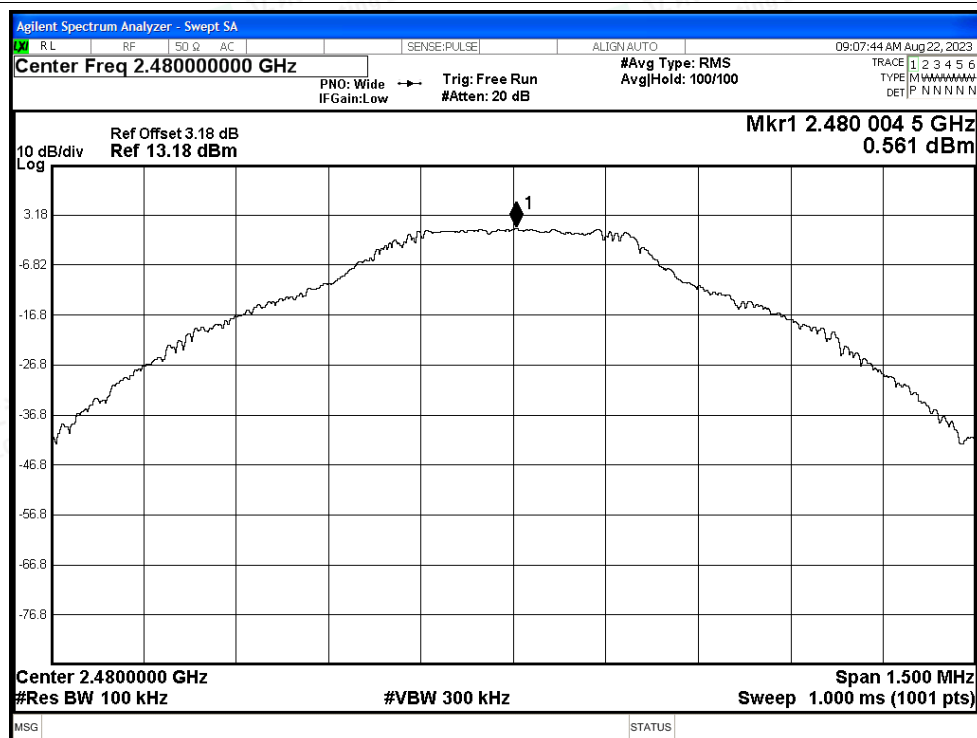


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

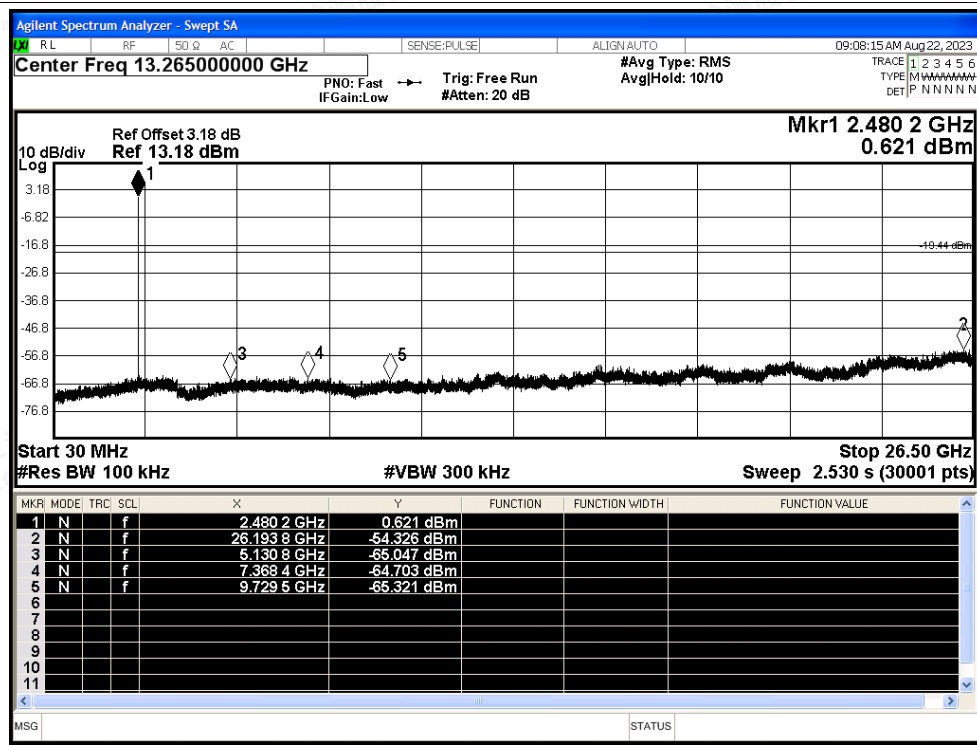




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

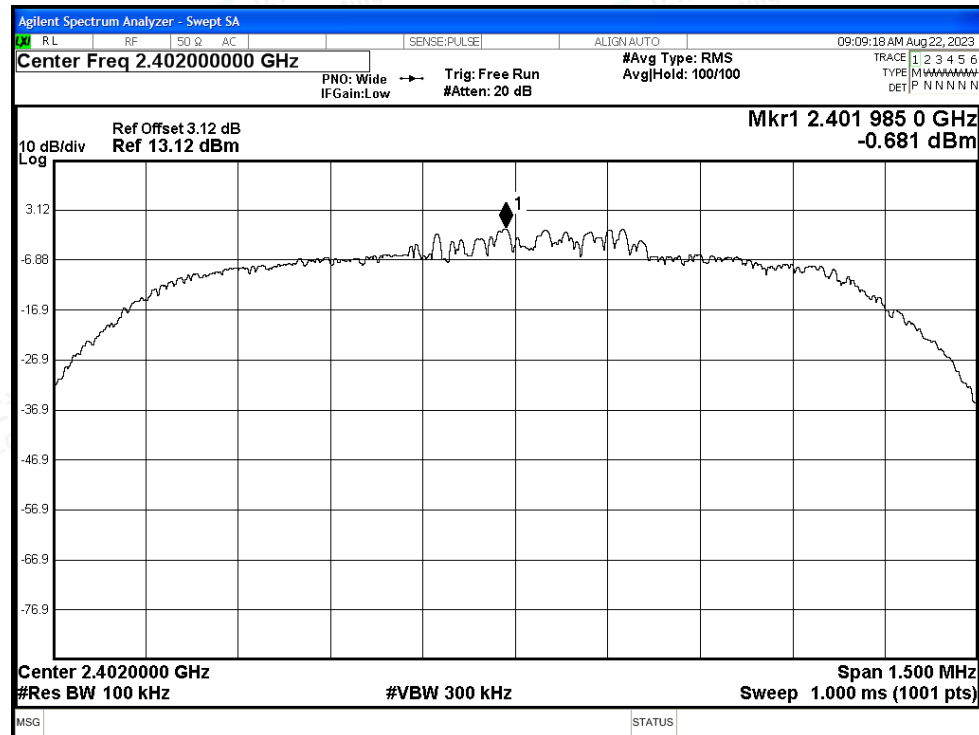


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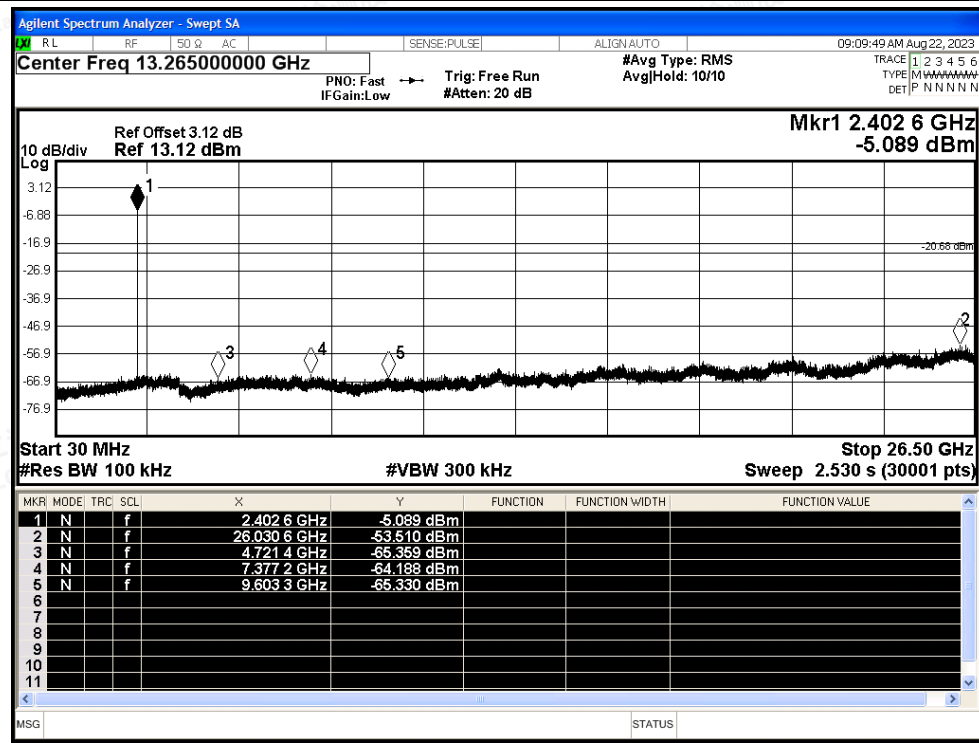




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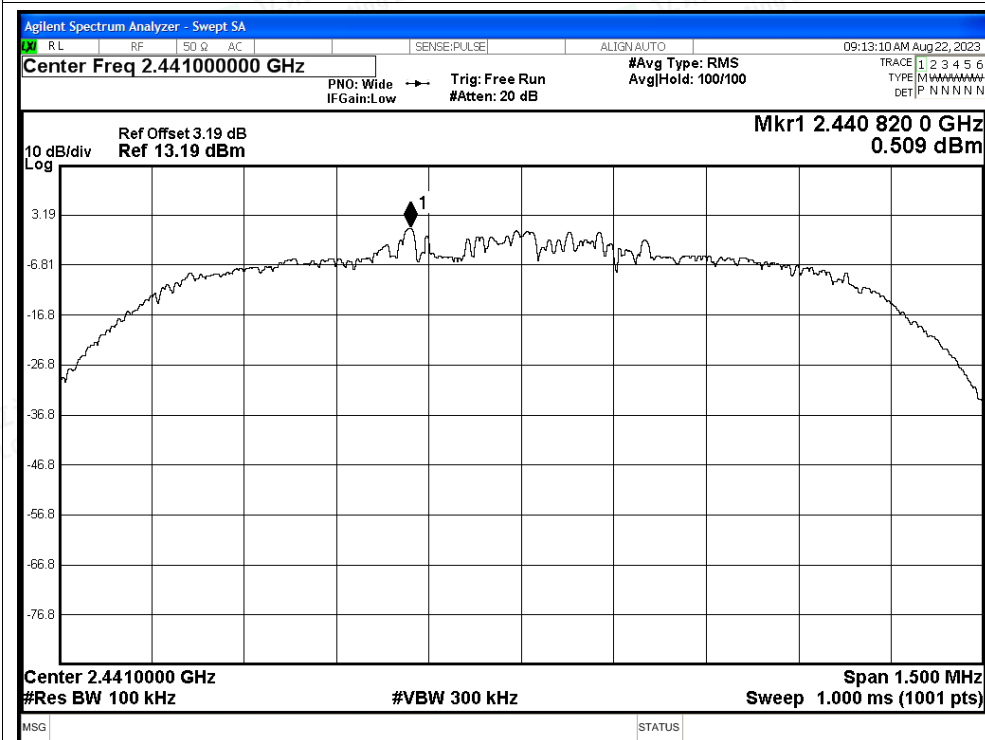


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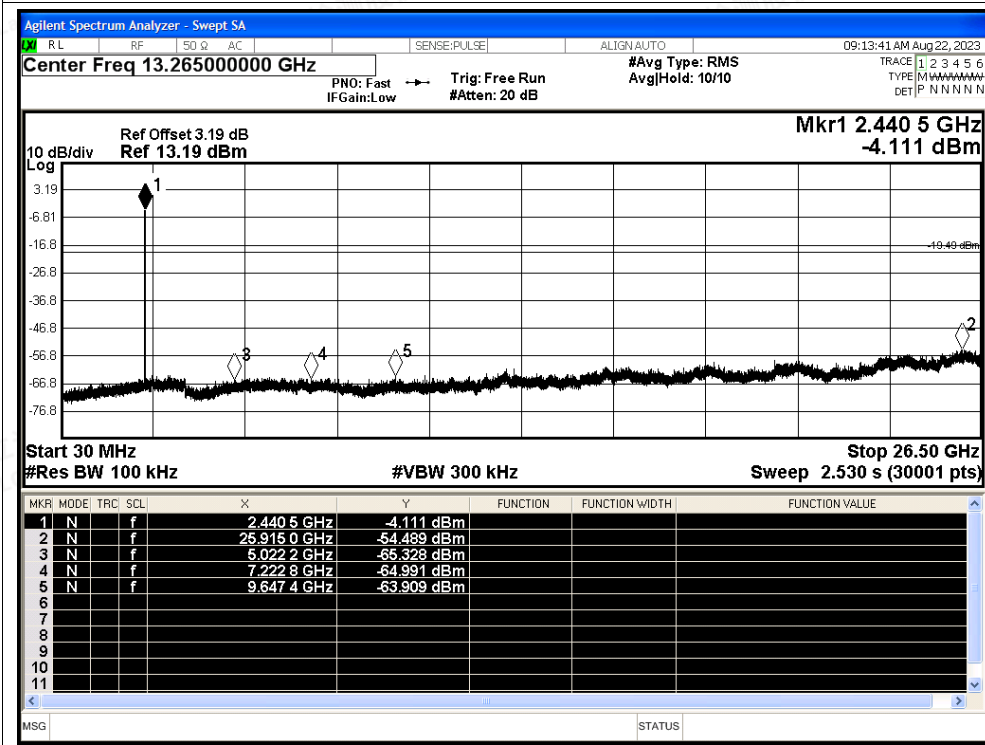




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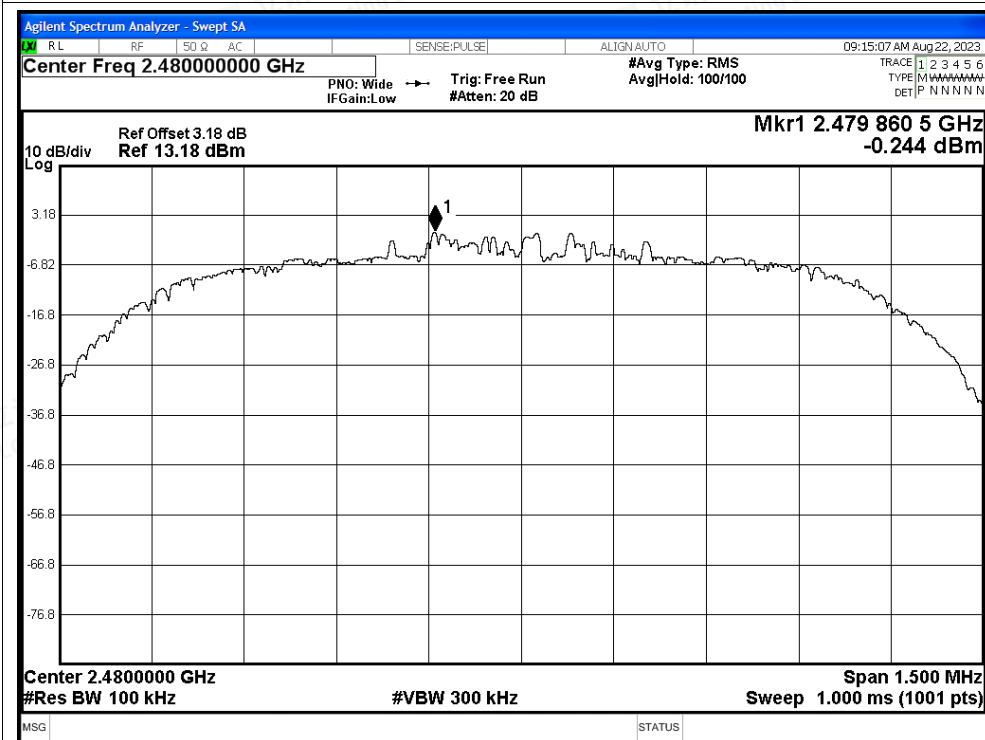


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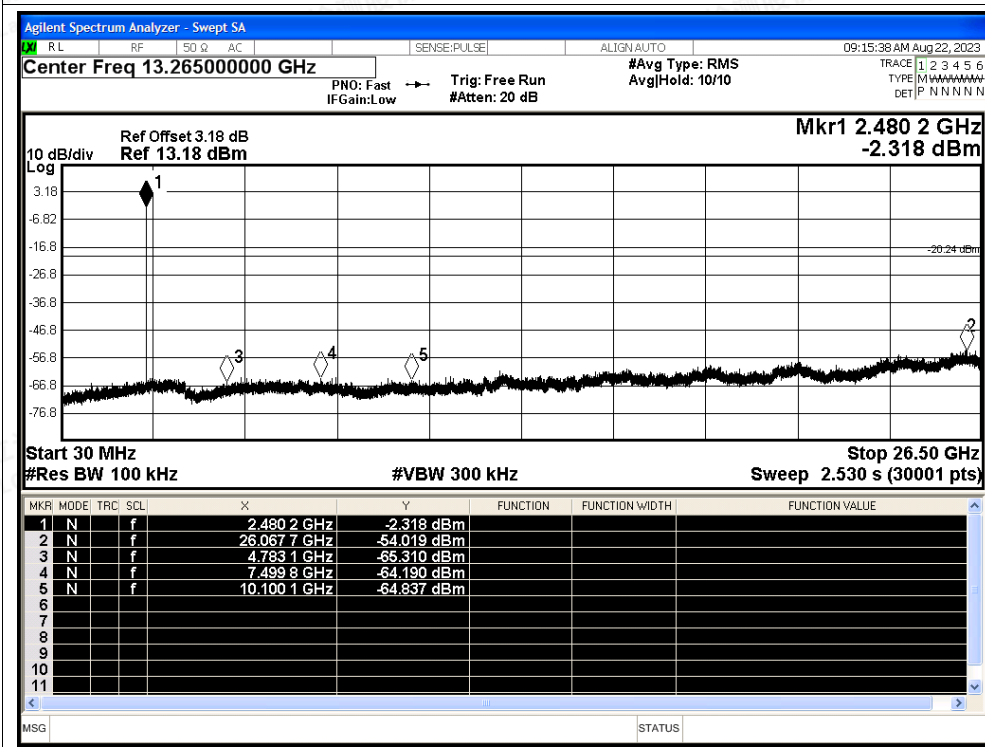




Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



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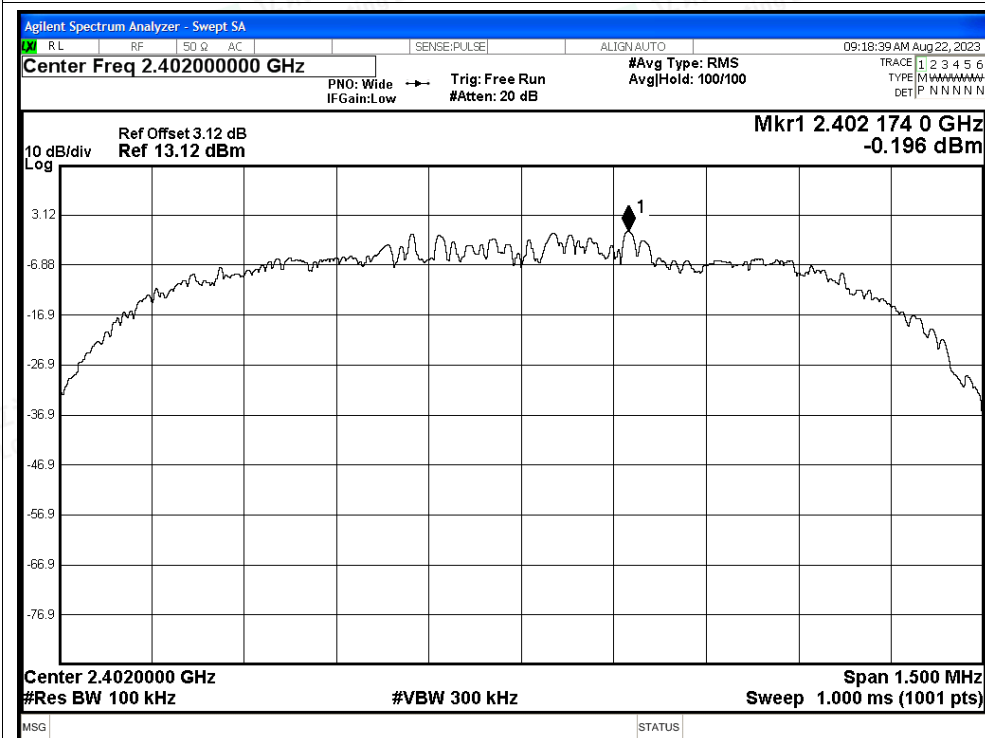
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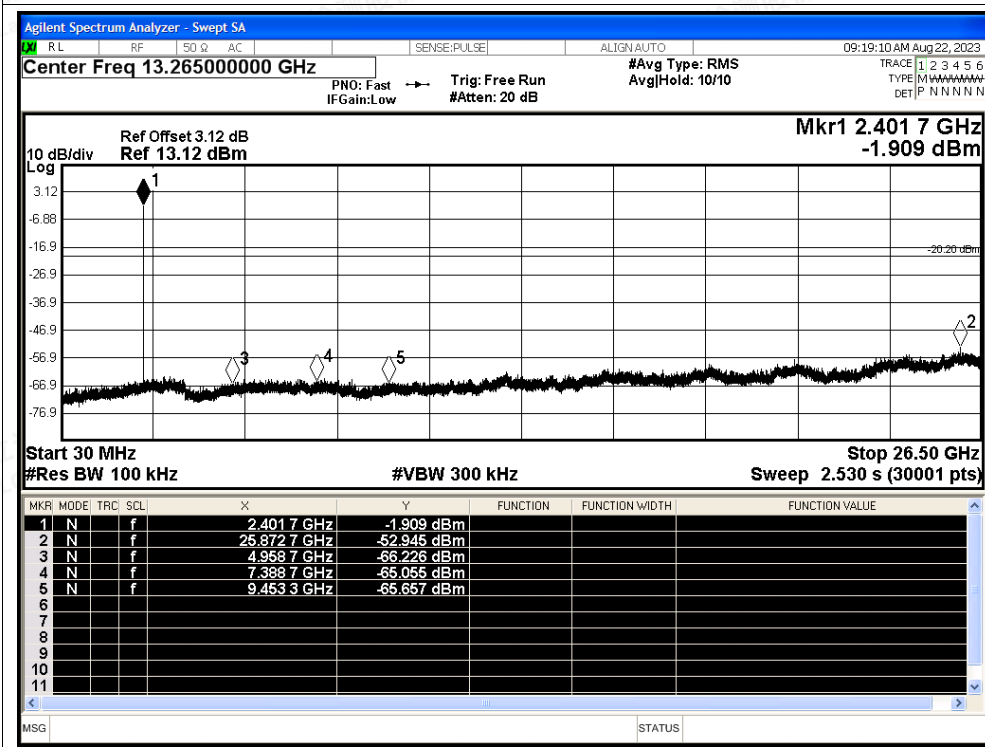
Scan code to check authenticity



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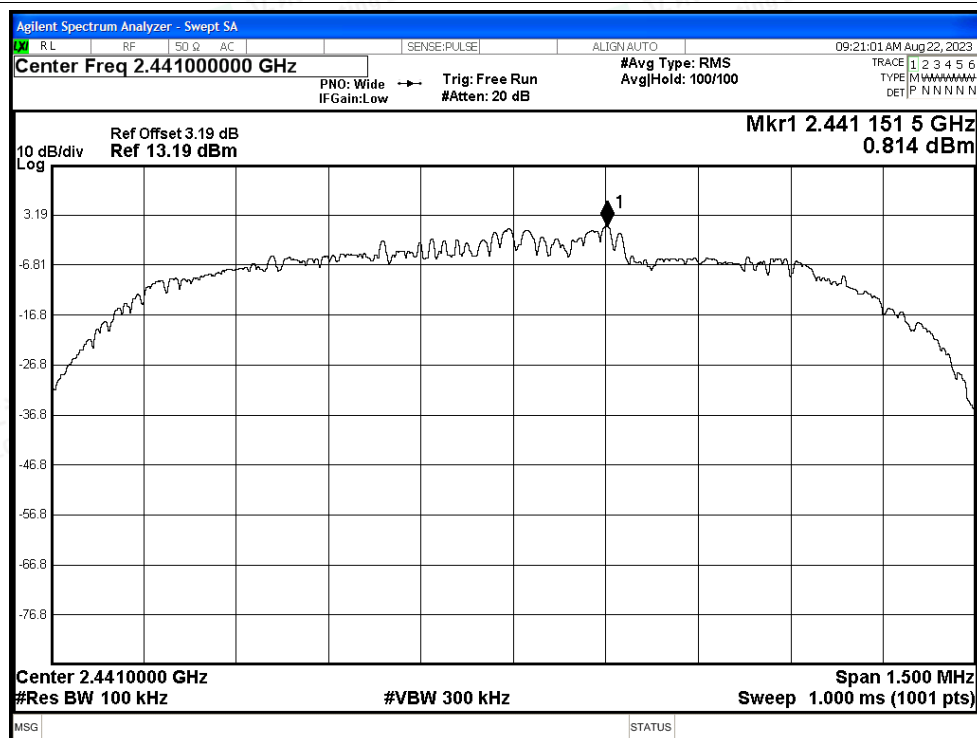


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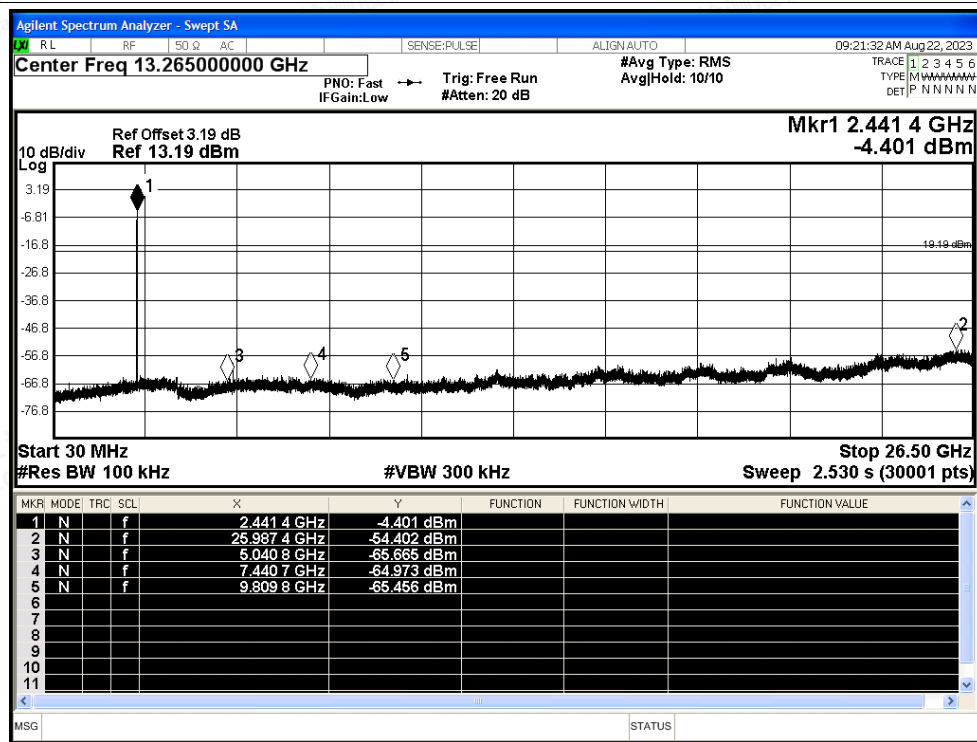




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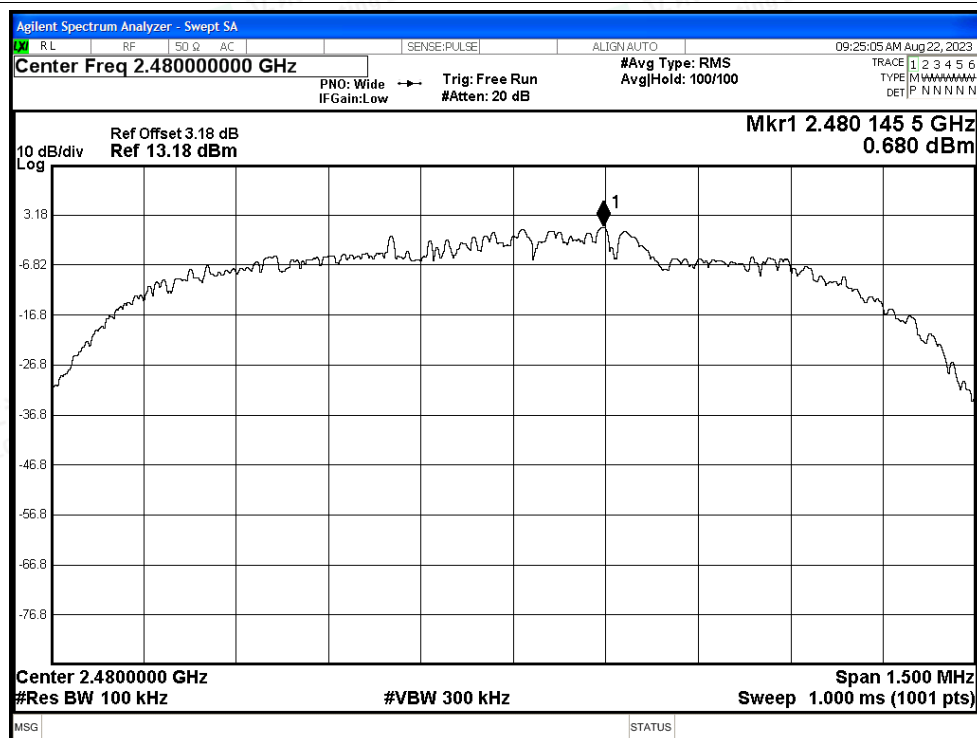


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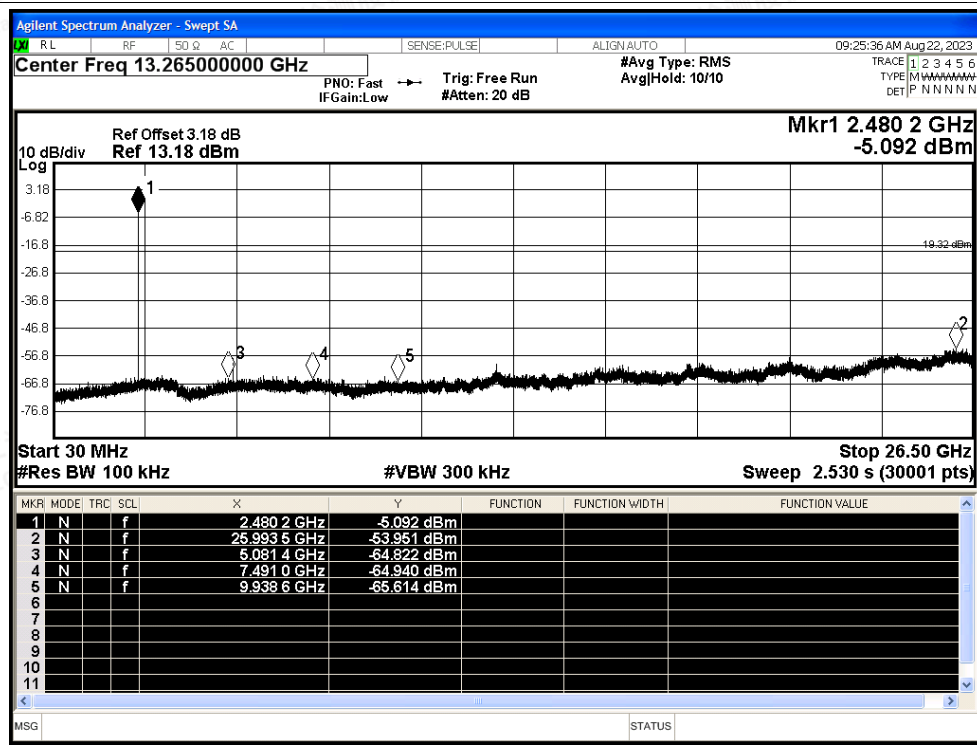




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



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	-49.67	2	47.59	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-56.87	2	40.39	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2367.792	-45.95	2	51.31	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.872	-56.34	2	40.92	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.73	2	47.53	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-56.34	2	40.92	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.77	2	47.49	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-54.83	2	42.43	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2492.584	-45.88	2	51.38	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-54.83	2	42.43	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.87	2	47.39	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-56.03	2	41.23	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.43	2	47.83	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-56.87	2	40.39	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2347.824	-45.57	2	51.69	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2379.984	-56.31	2	40.95	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-48.89	2	48.37	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-56.46	2	40.8	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.02	2	48.24	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-54.78	2	42.48	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2494.504	-45.1	2	52.16	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-54.78	2	42.48	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-48.63	2	48.63	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.22	2	41.04	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.81	2	47.45	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-56.88	2	40.38	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.968	-46.62	2	50.64	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.008	-56.31	2	40.95	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-46.62	2	50.64	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-56.46	2	40.8	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-47.89	2	49.37	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-54.68	2	42.58	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2487.16	-46.17	2	51.09	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-54.68	2	42.58	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-47.43	2	49.83	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.16	2	41.1	Average	54	Pass

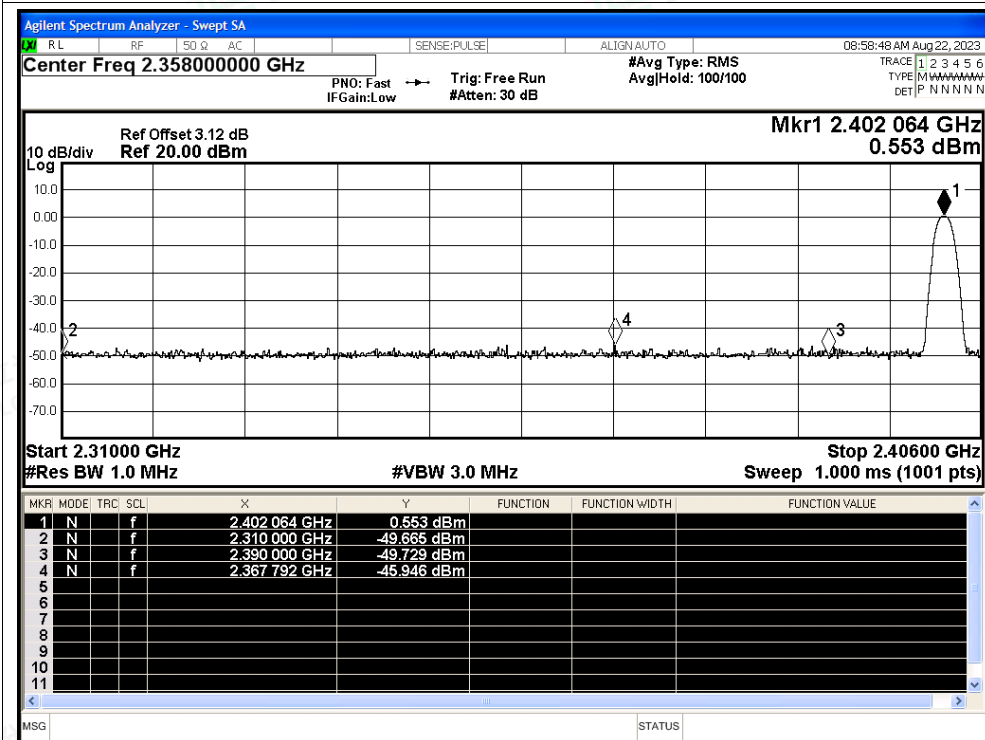


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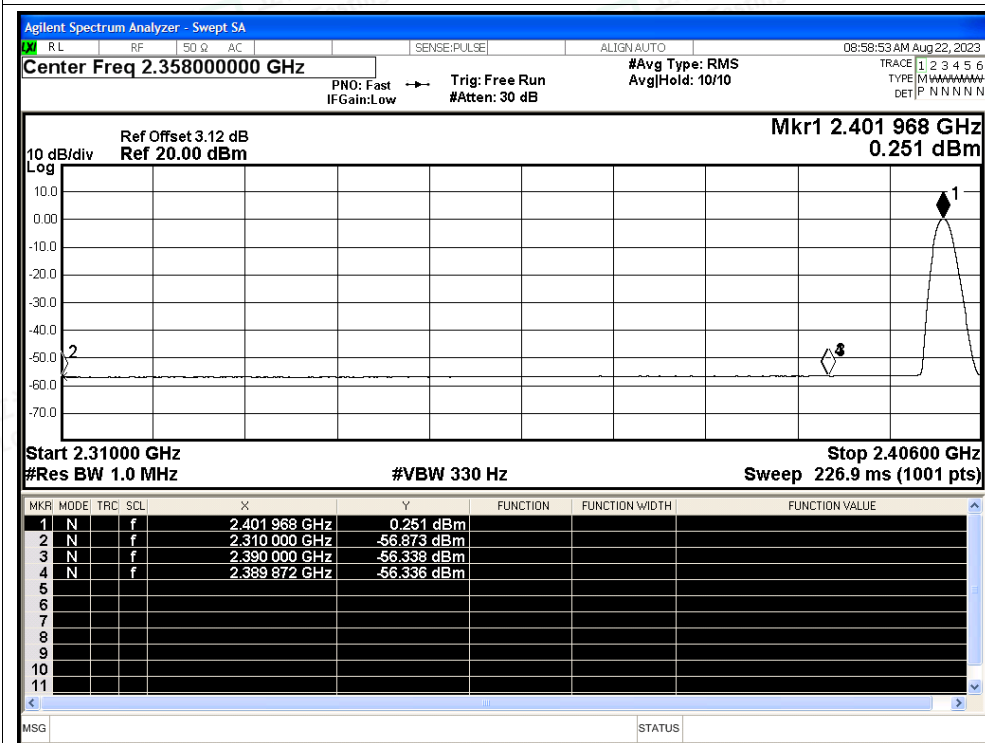


Test Graphs

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

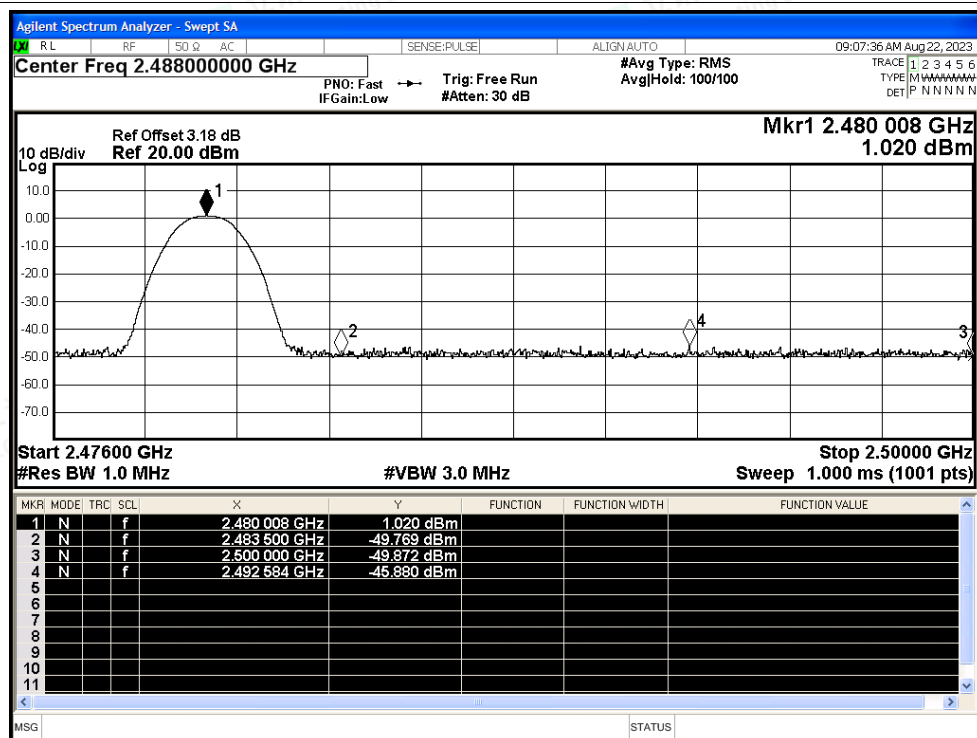


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

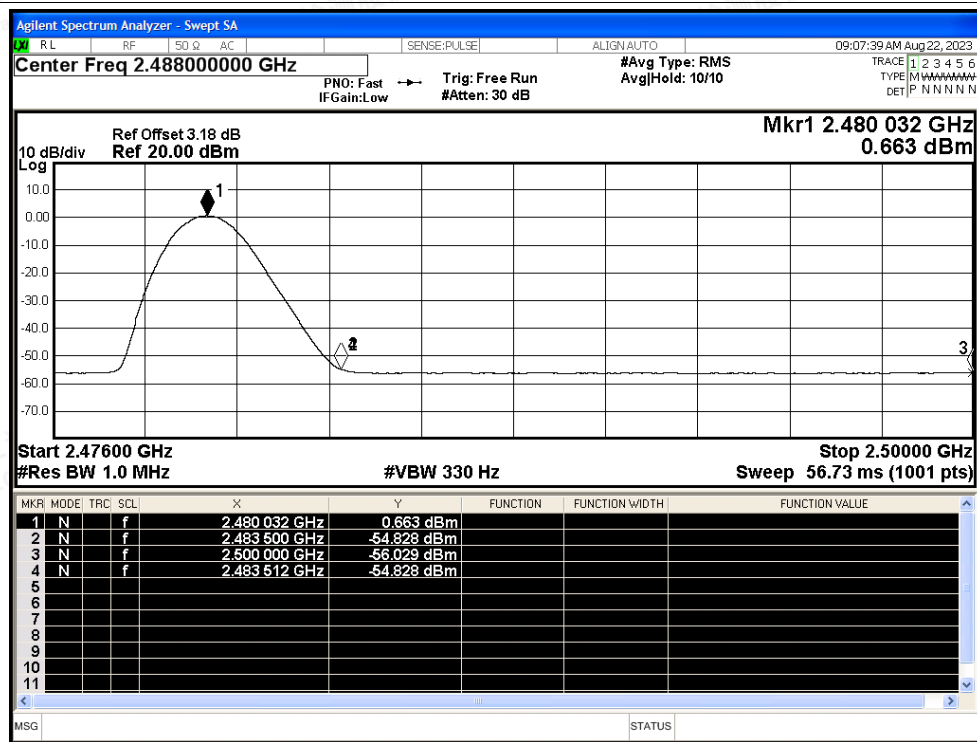




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

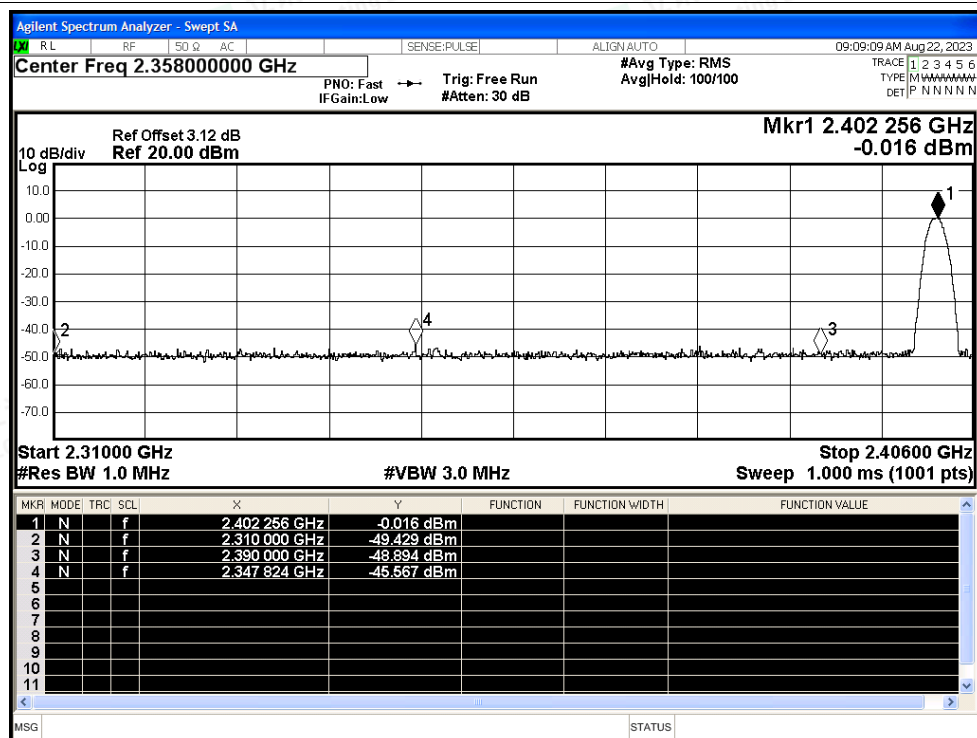


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

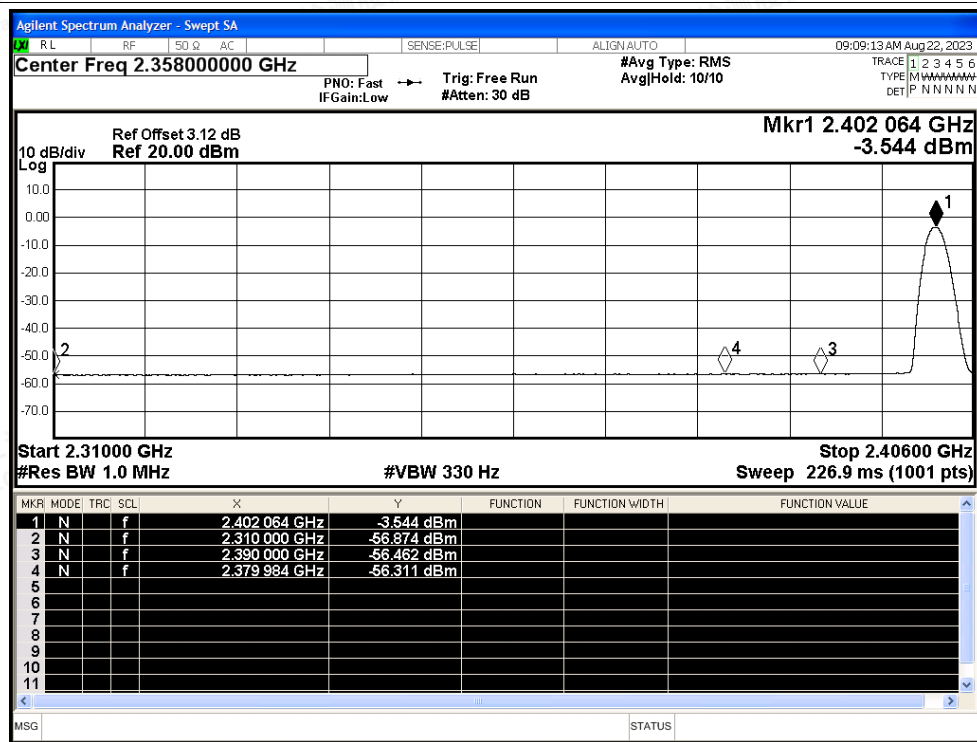




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

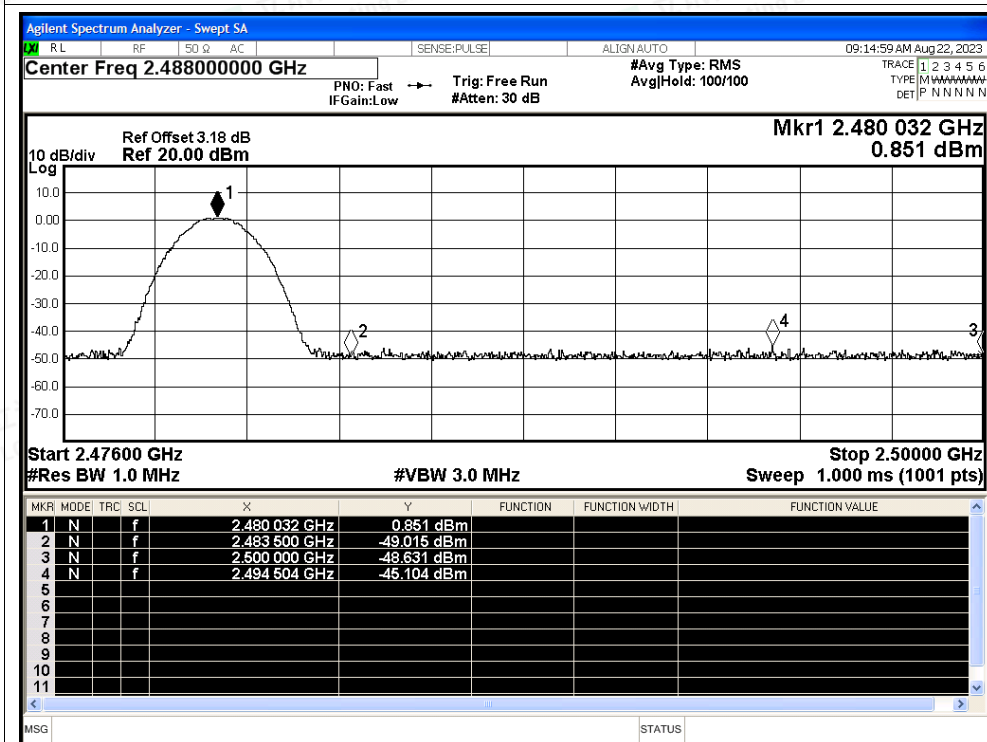


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

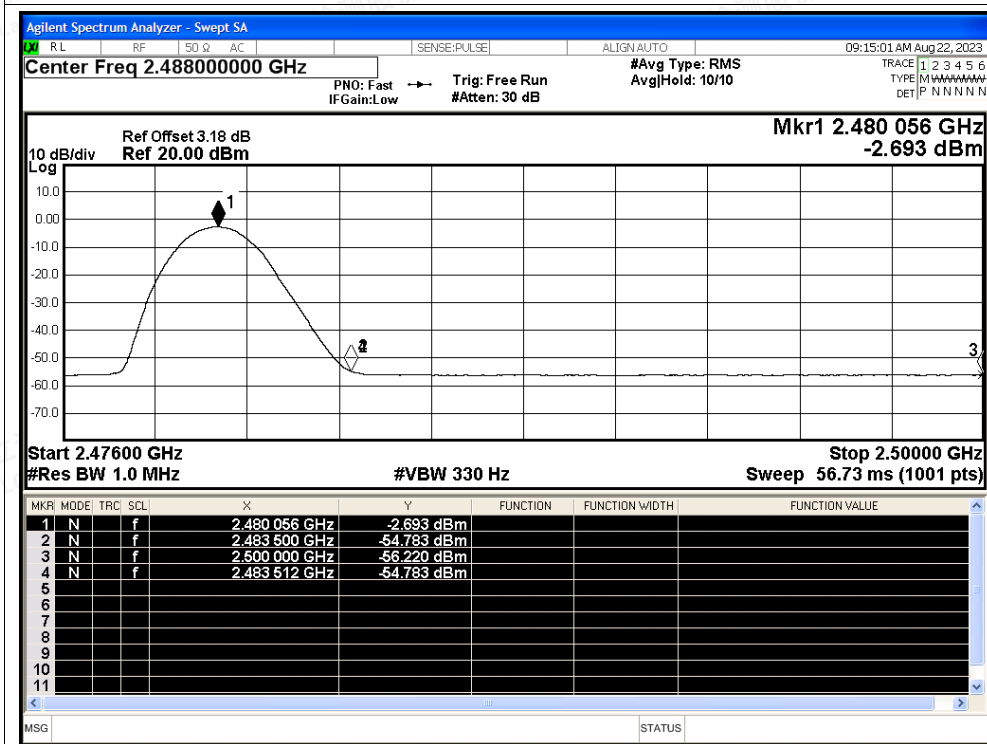




Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



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



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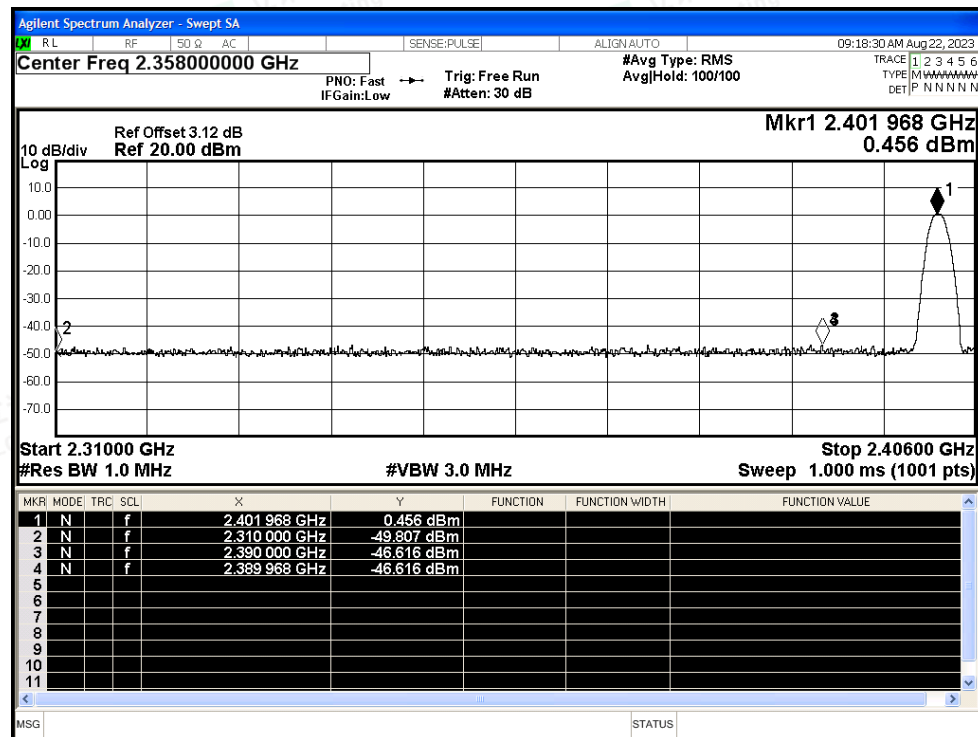
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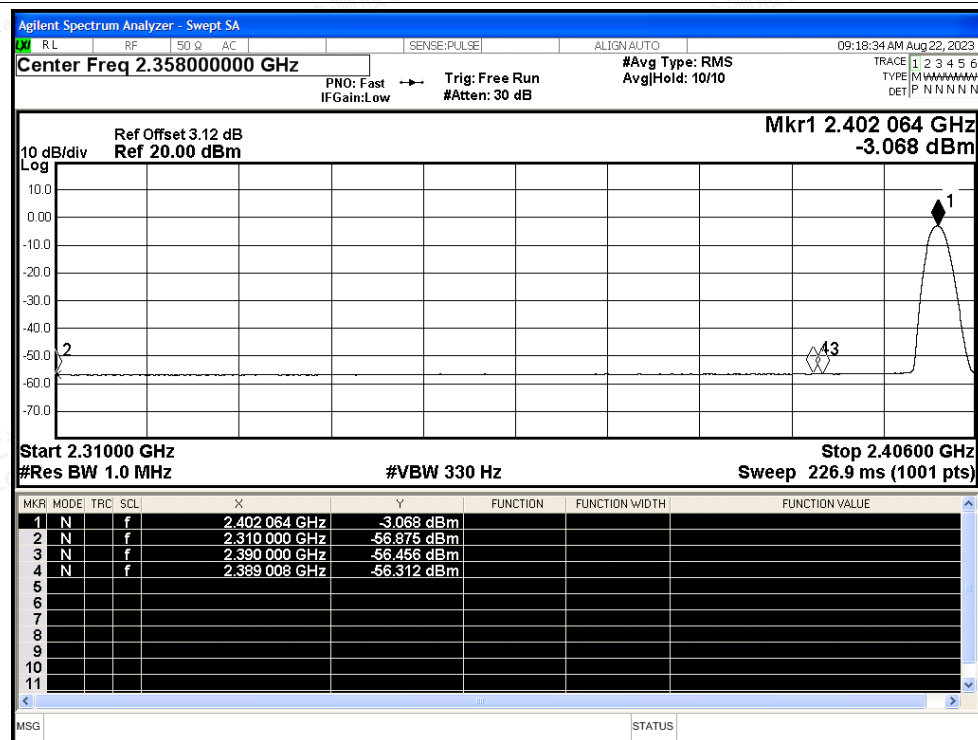
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Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

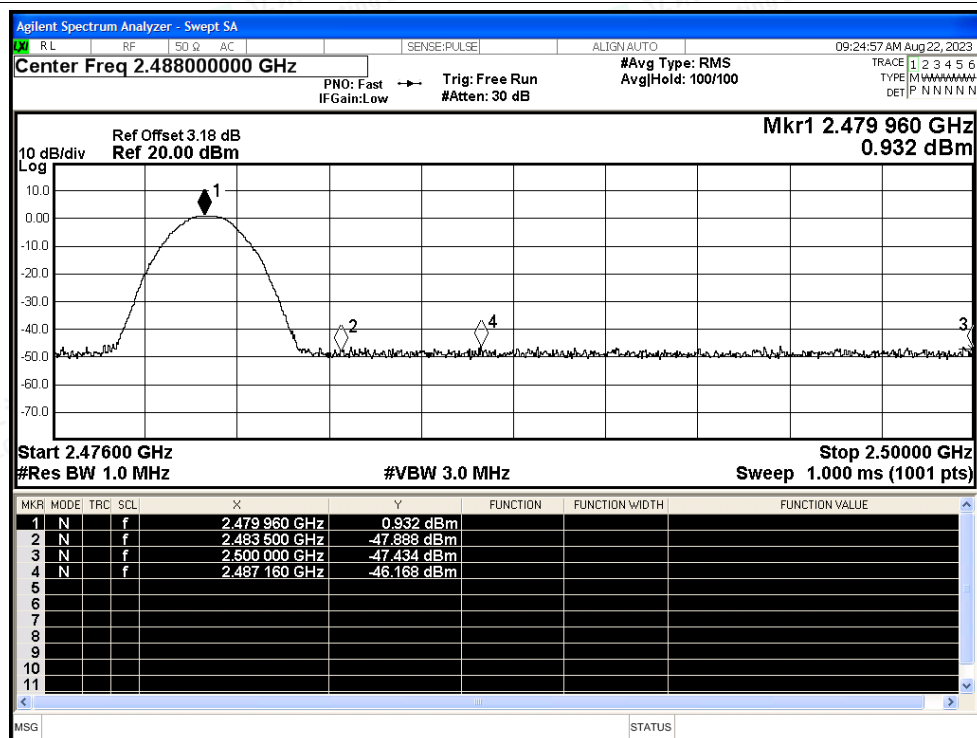


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





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



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

