



## Appendix A

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

Product Name: Electric Kids Scooter

Test Model: B2

#### Environmental Conditions

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





### A.1 -20dB Bandwidth

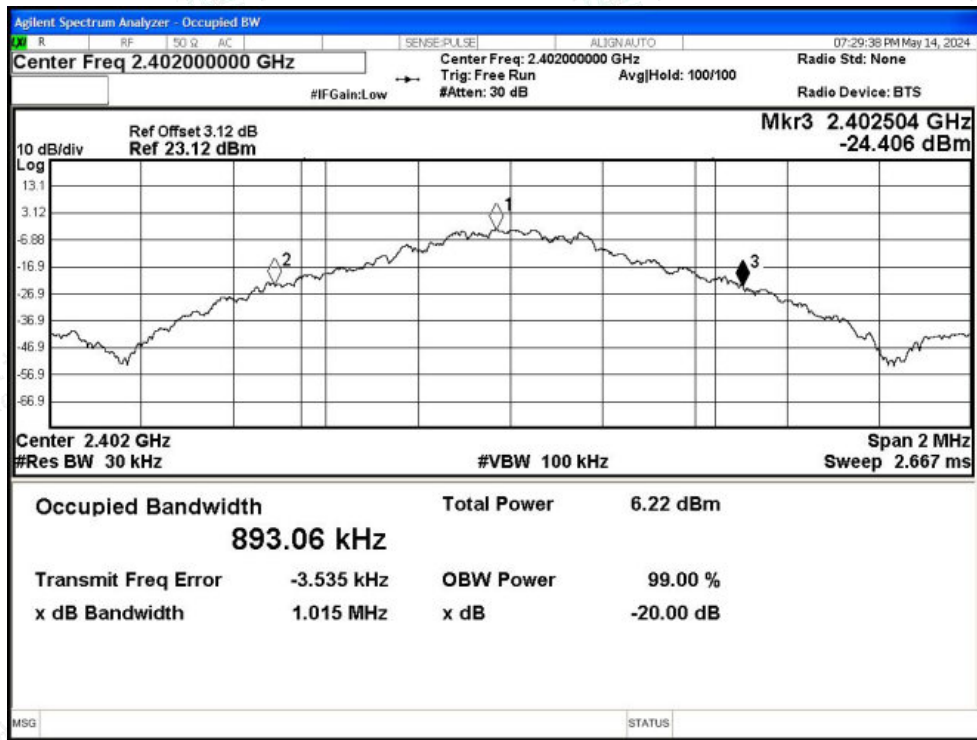
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.015	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.97	N/A	Pass
NVNT	1-DH5	2480	Ant1	1.012	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.287	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.321	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.318	N/A	Pass





Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

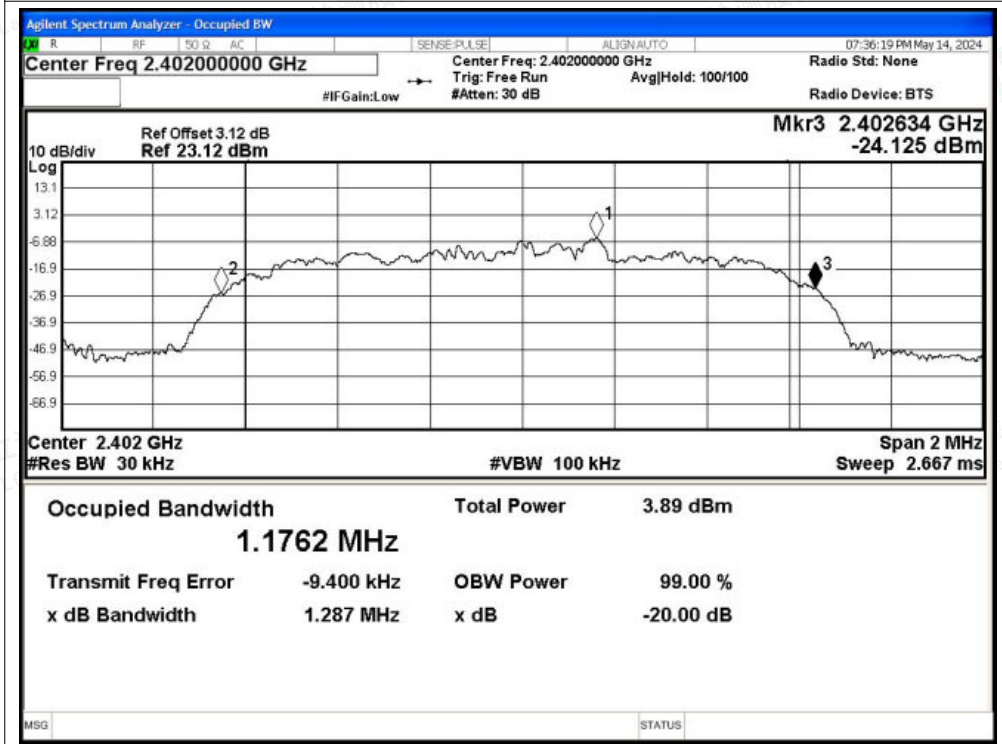




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

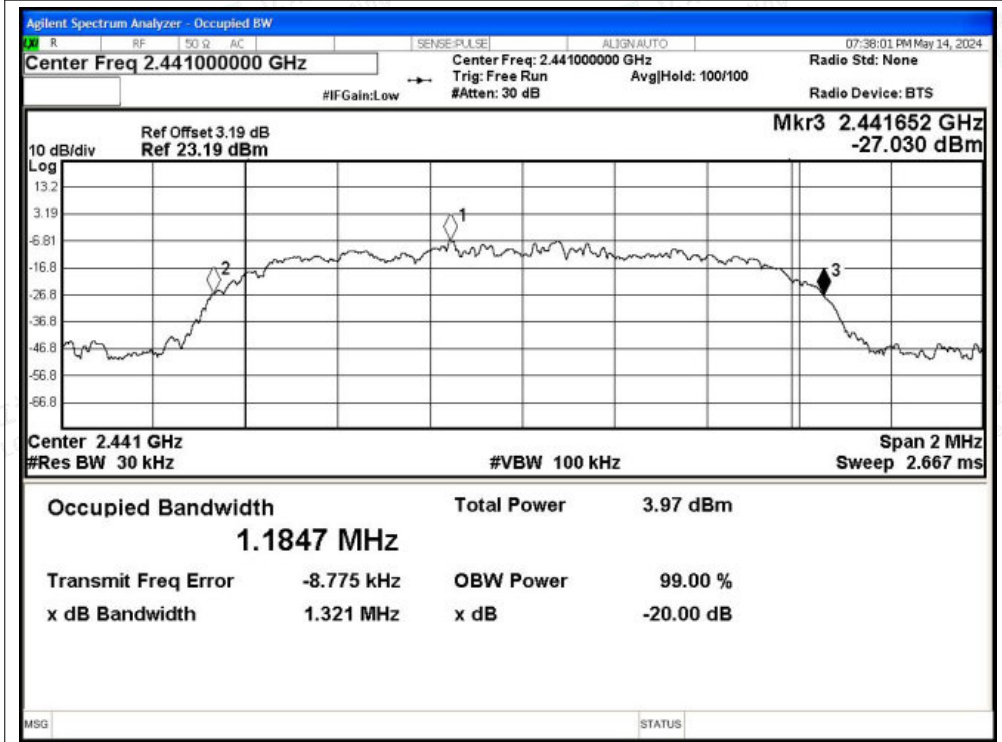


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

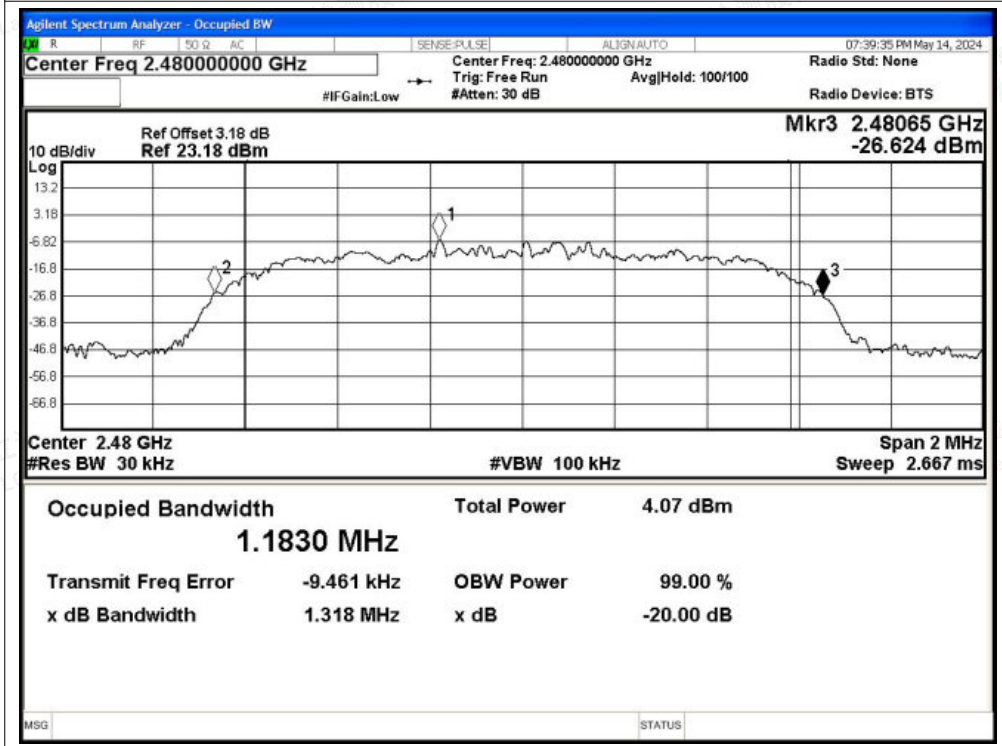




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1





## A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.07	21	Pass
NVNT	1-DH5	2441	Ant1	0.58	21	Pass
NVNT	1-DH5	2480	Ant1	-0.07	21	Pass
NVNT	2-DH5	2402	Ant1	-0.86	21	Pass
NVNT	2-DH5	2441	Ant1	-0.30	21	Pass
NVNT	2-DH5	2480	Ant1	-0.38	21	Pass

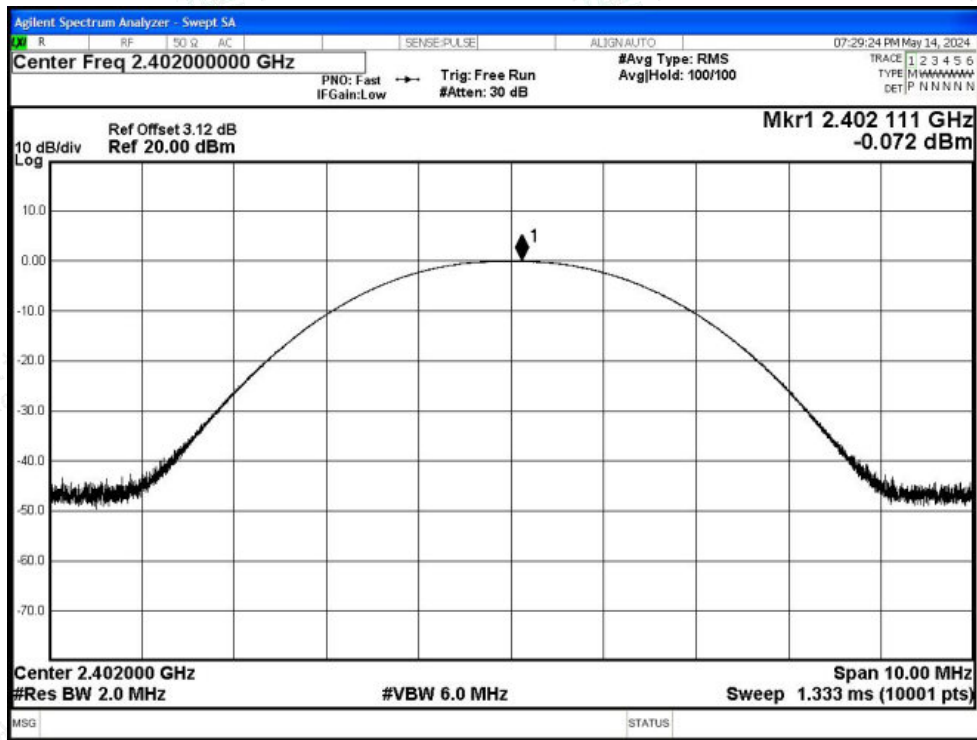




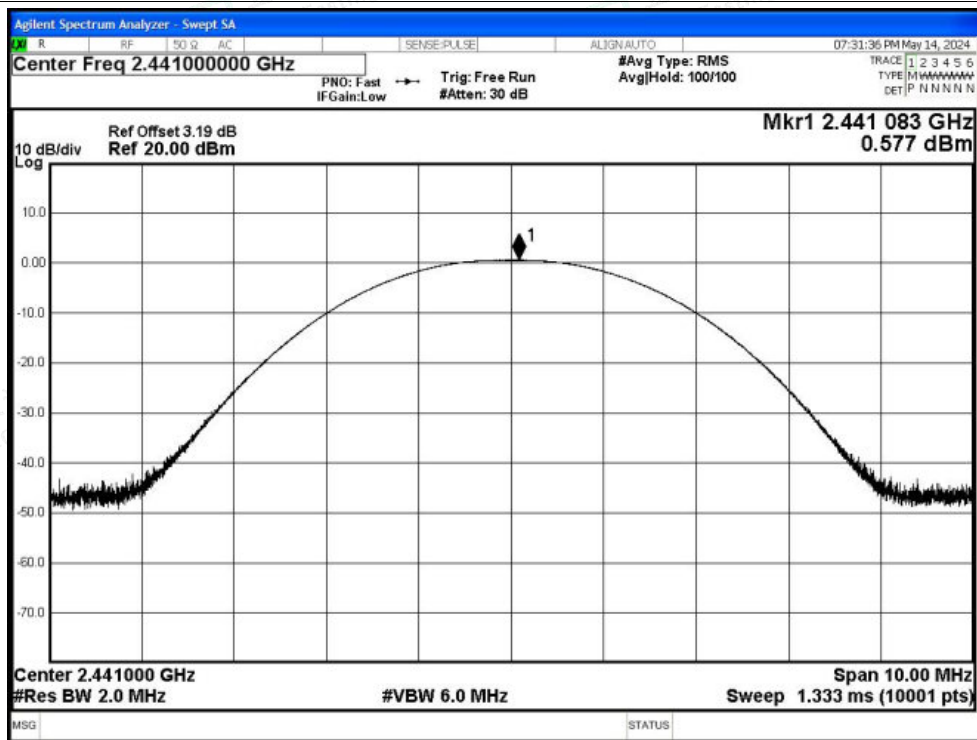


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

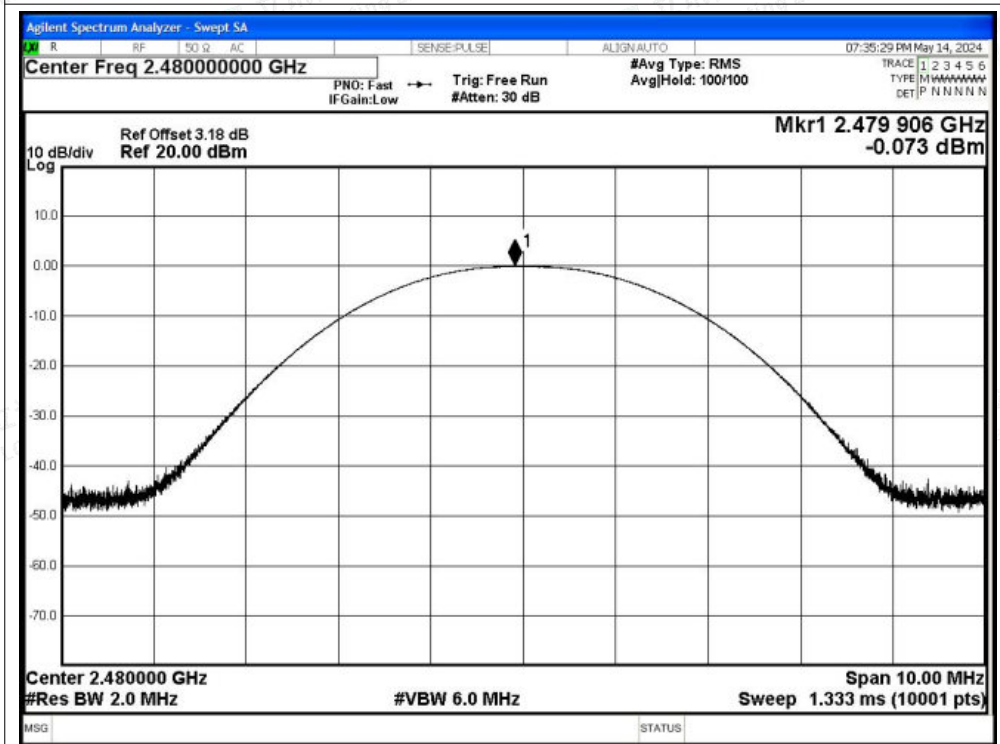


Power NVNT 1-DH5 2441MHz Ant1

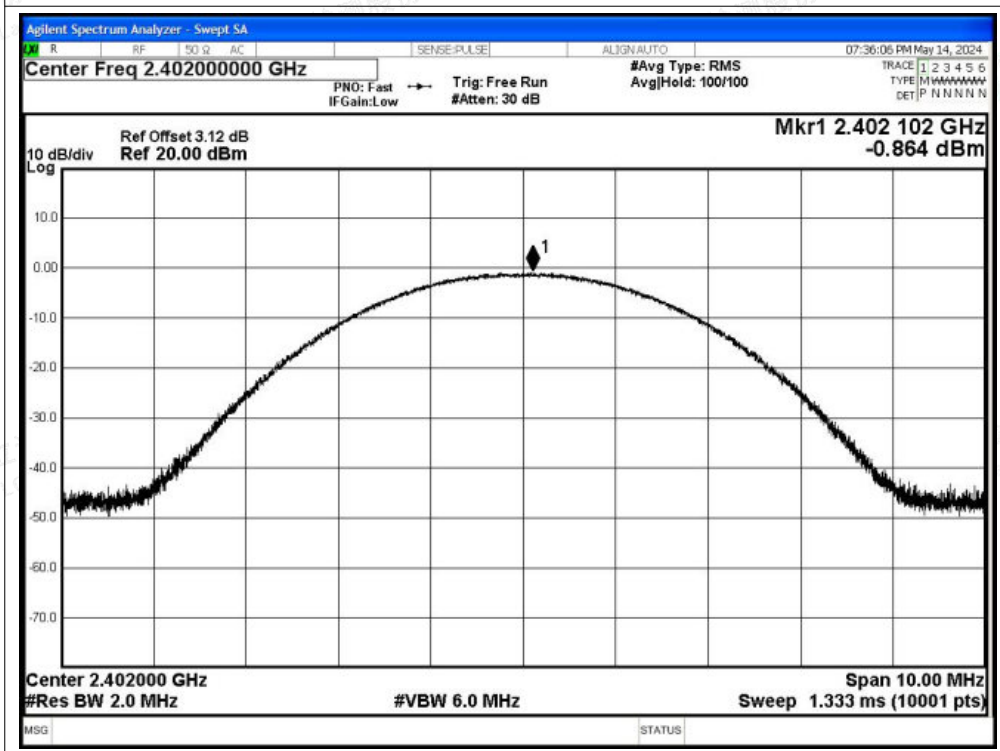




Power NVNT 1-DH5 2480MHz Ant1



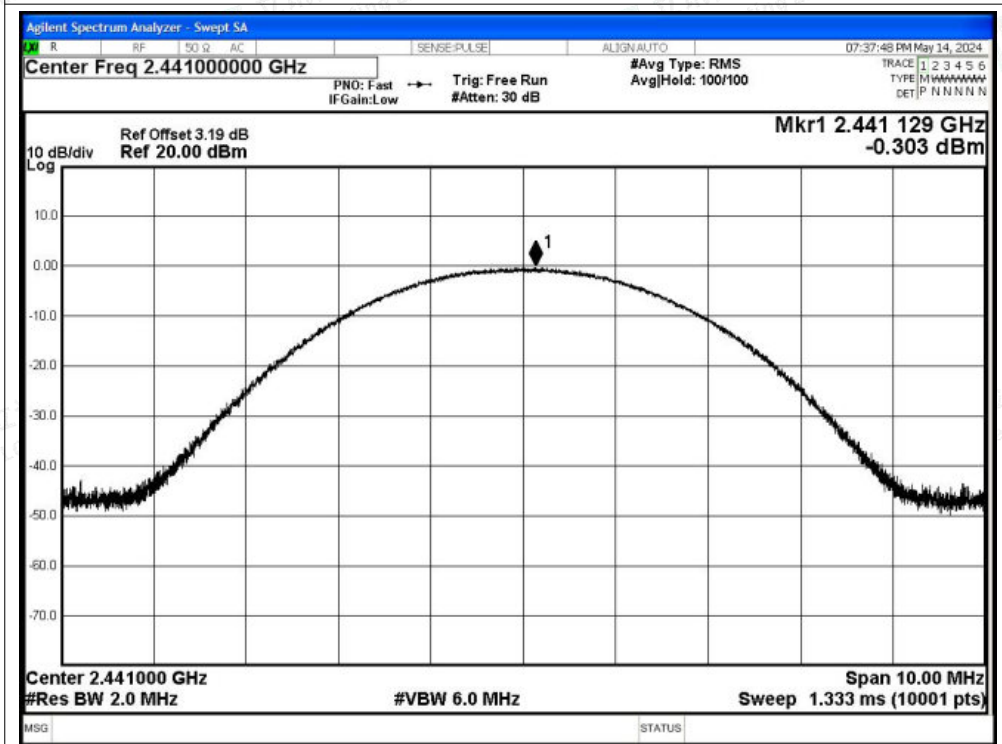
Power NVNT 2-DH5 2402MHz Ant1



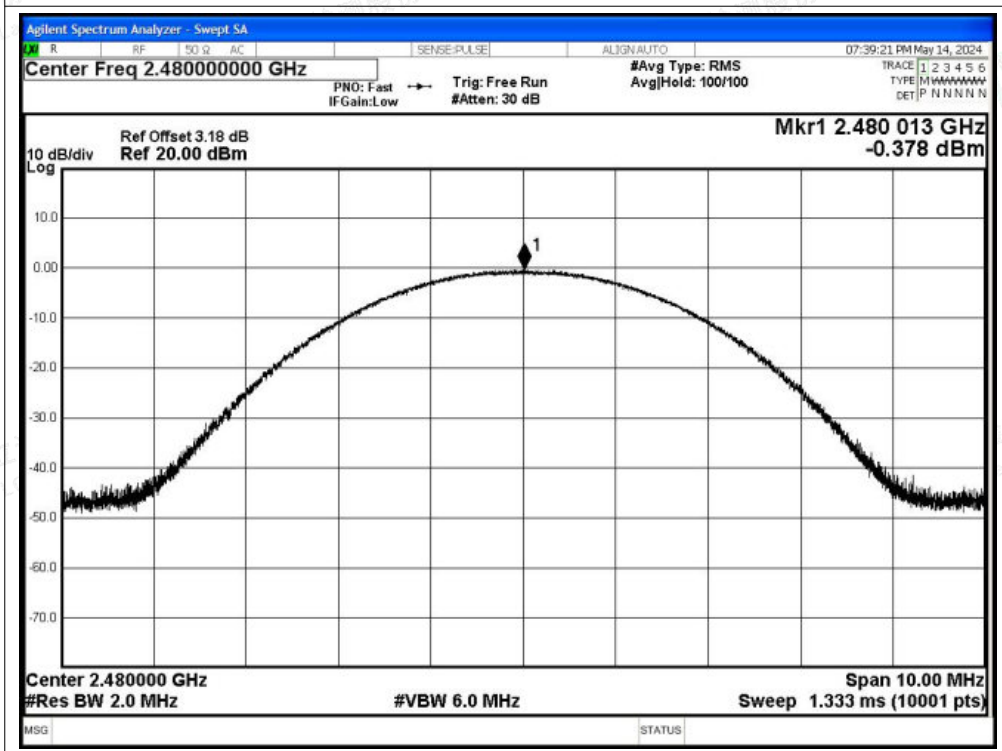




Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1





### A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.052	2403.05	0.998	0.677	Pass
NVNT	2-DH5	Ant1	2402.004	2403.16	1.156	0.881	Pass

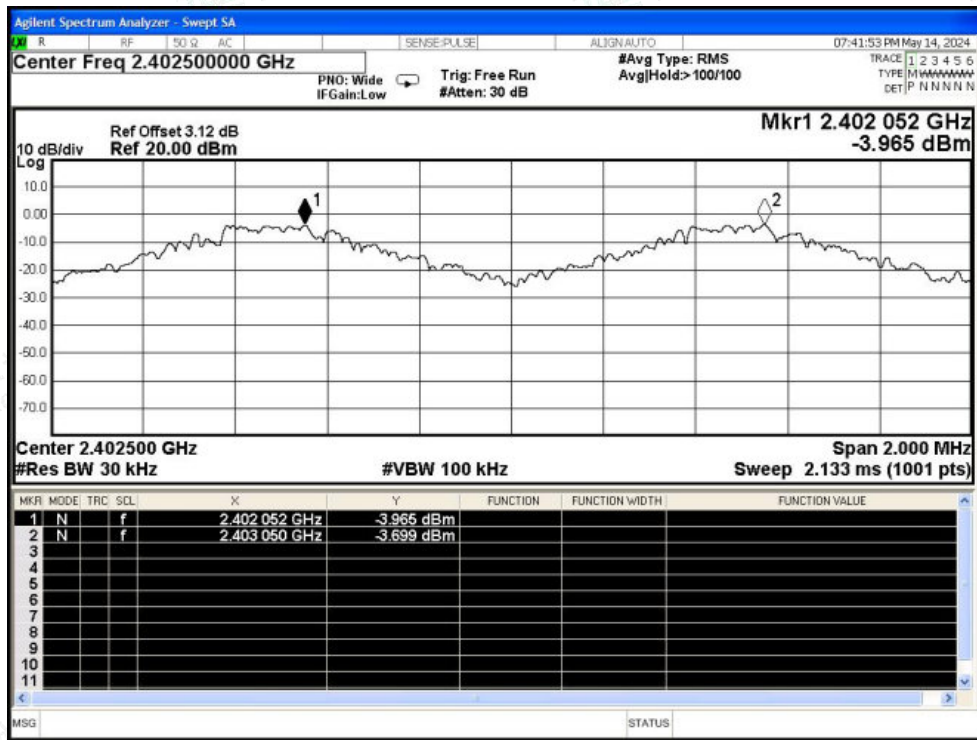


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

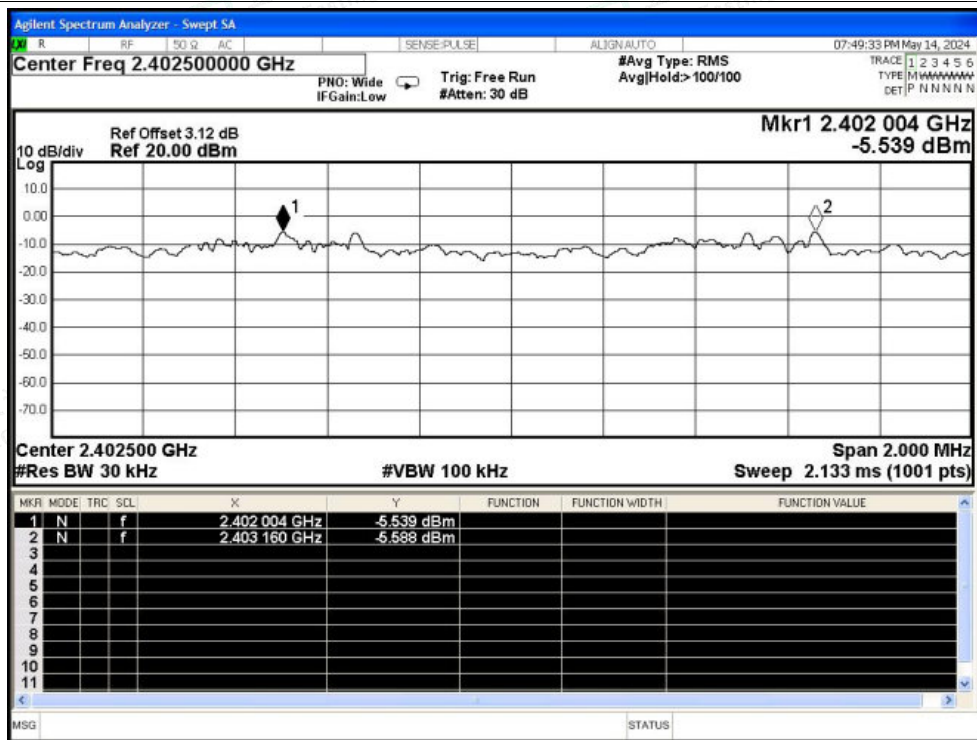


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1





### A.4 Dwell Time

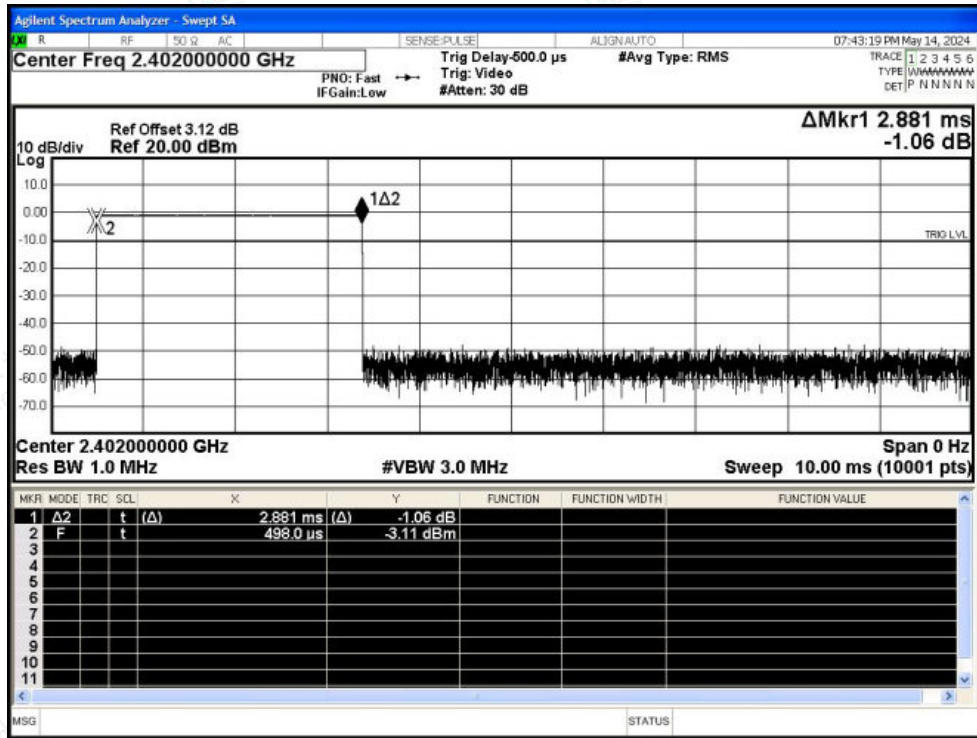
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.881	299.624	104	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	288.5	100	31600	400	Pass



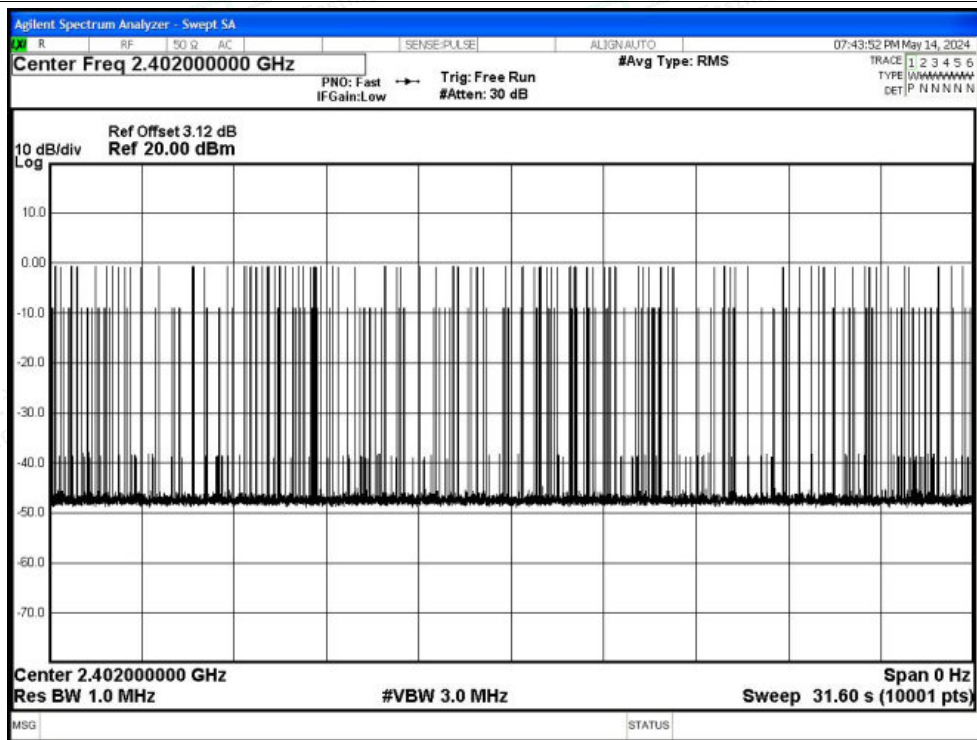


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



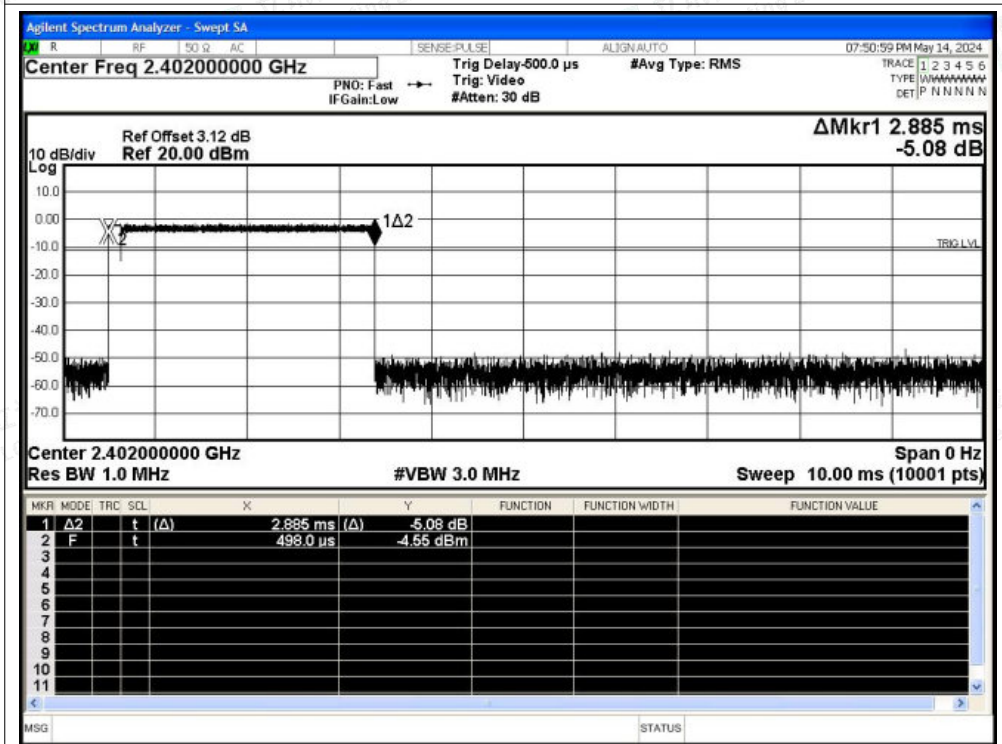
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



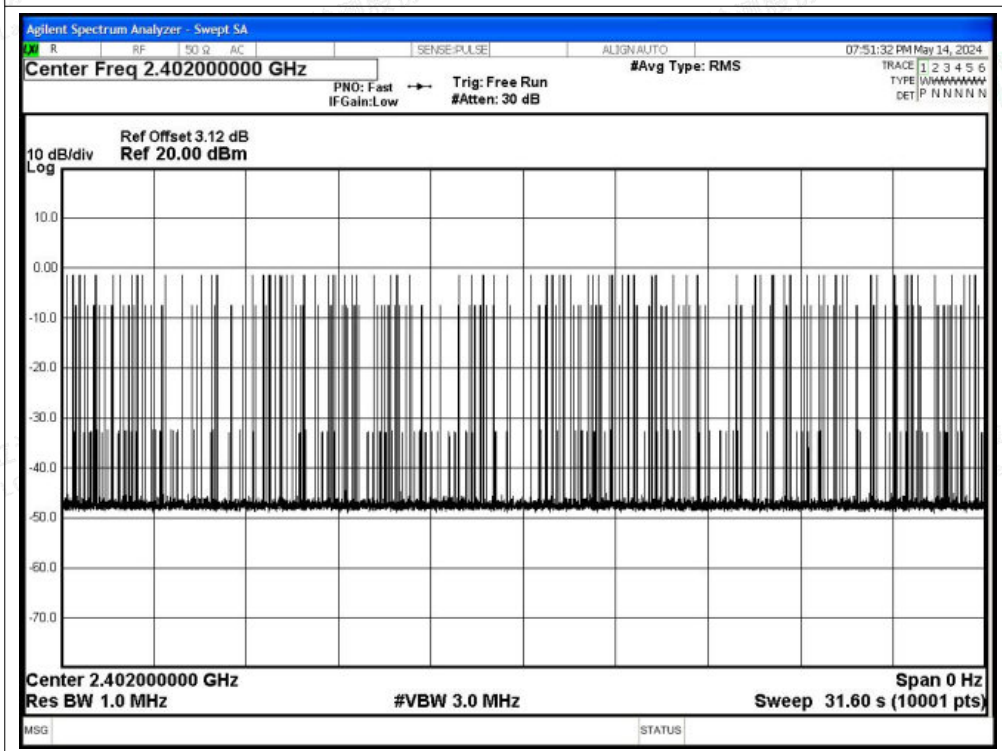




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated







## A.5 Number of Hopping Channel

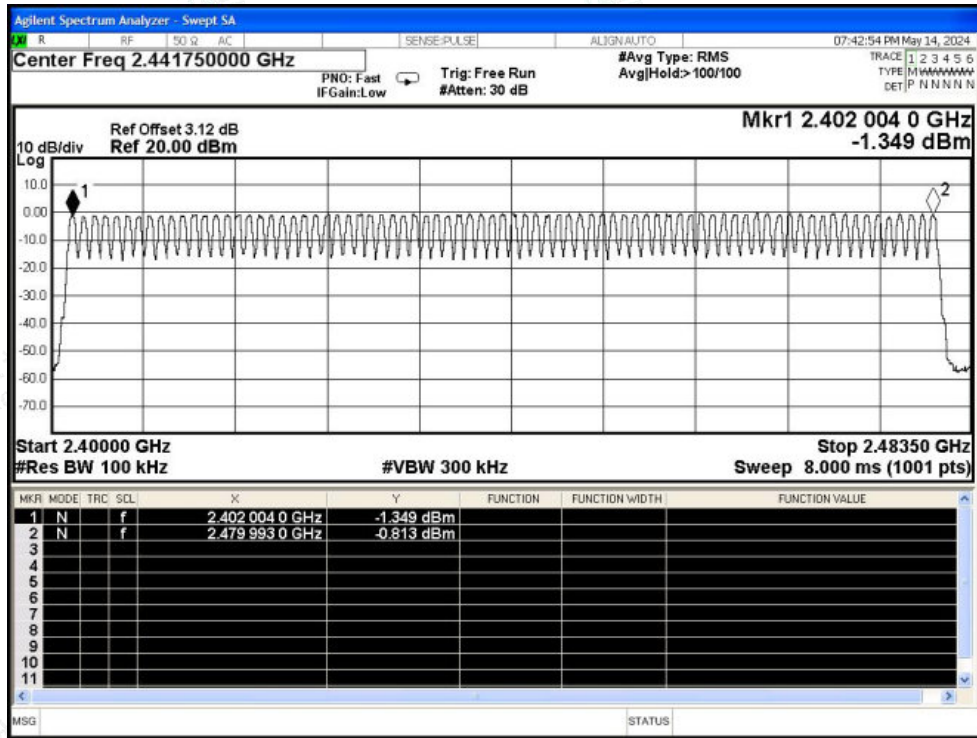
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass



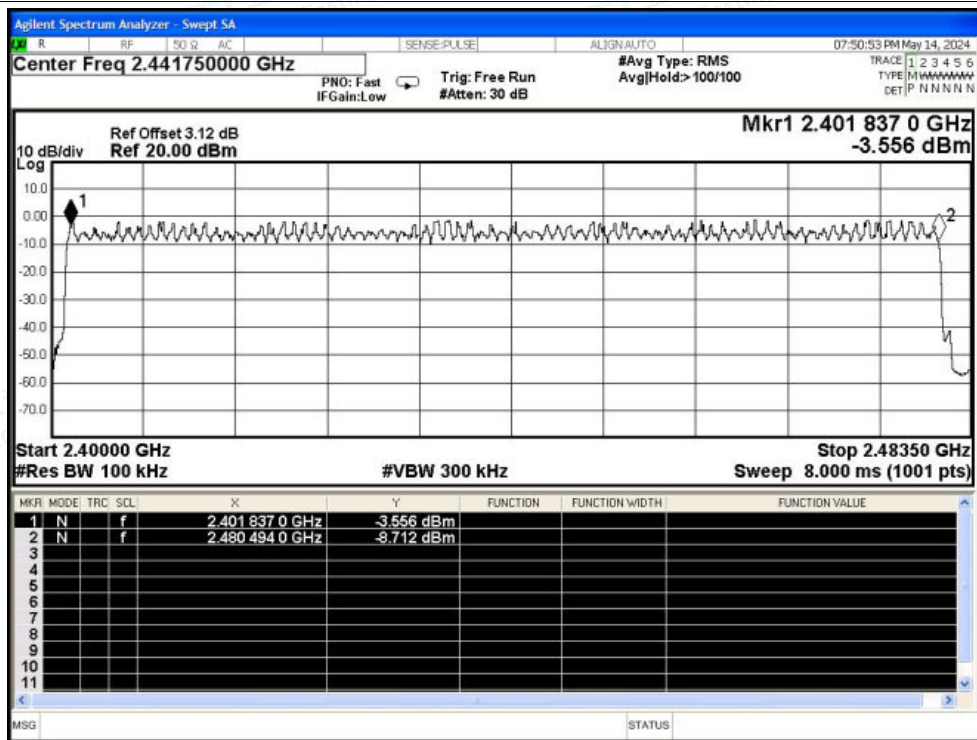


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1





## A.6 Band Edge

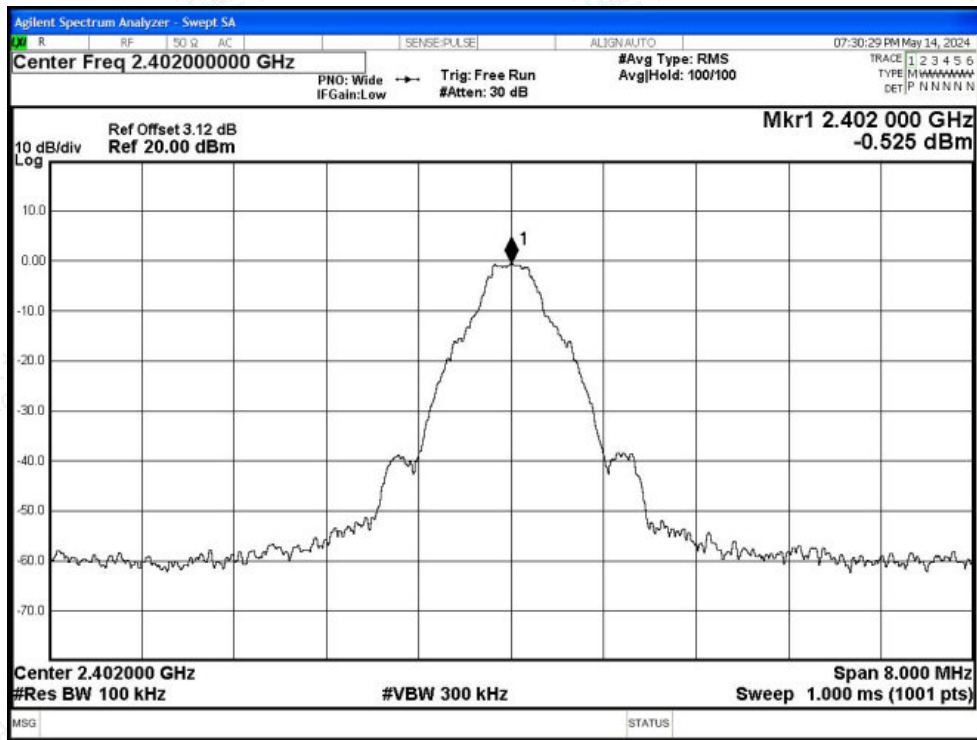
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-54.55	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.11	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-53.22	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-51.76	-20	Pass



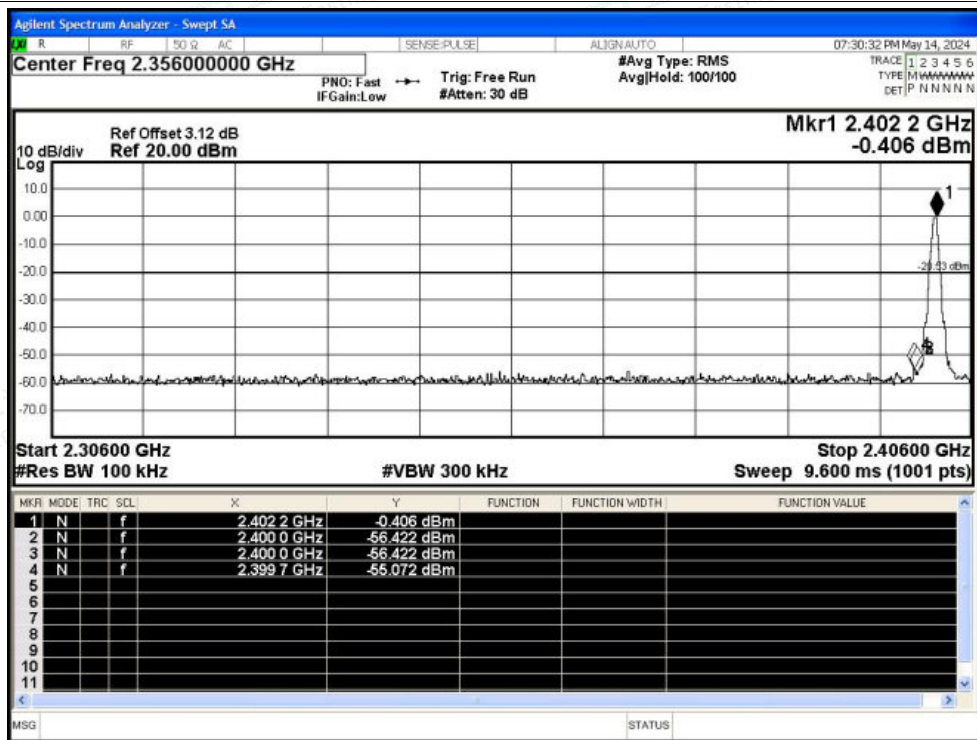


Test Graphs

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

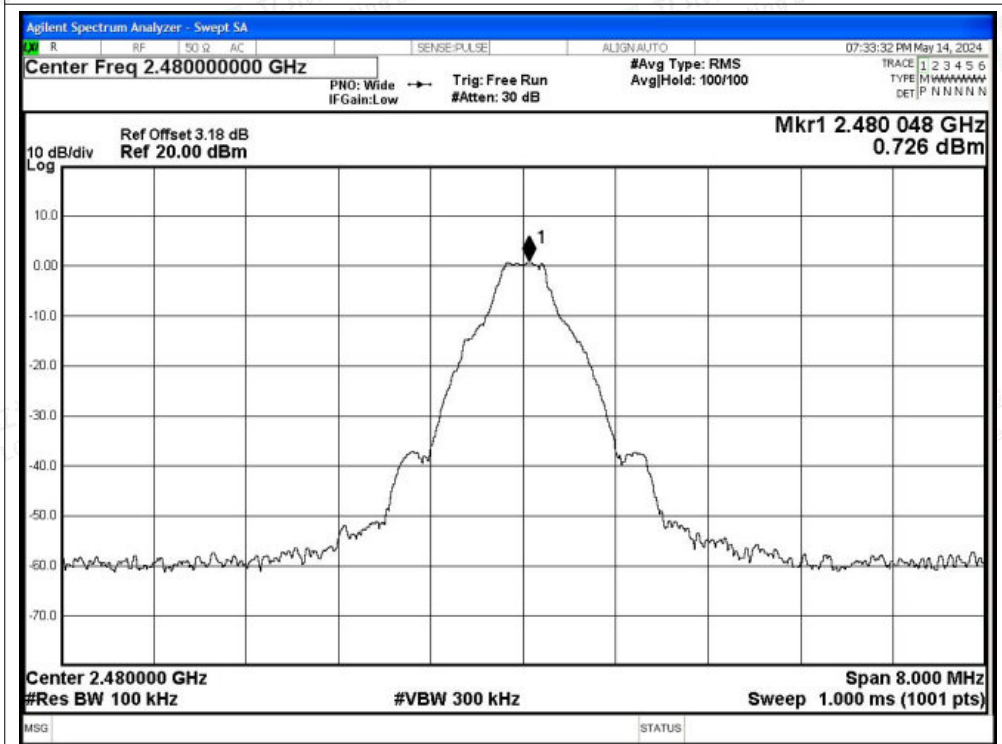


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

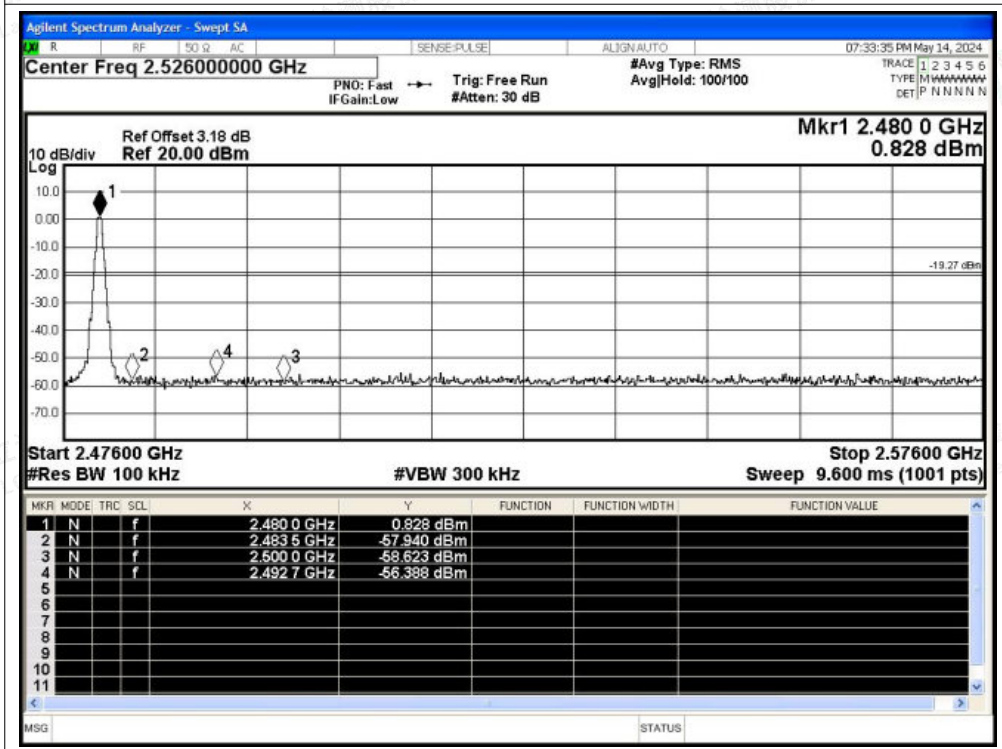




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



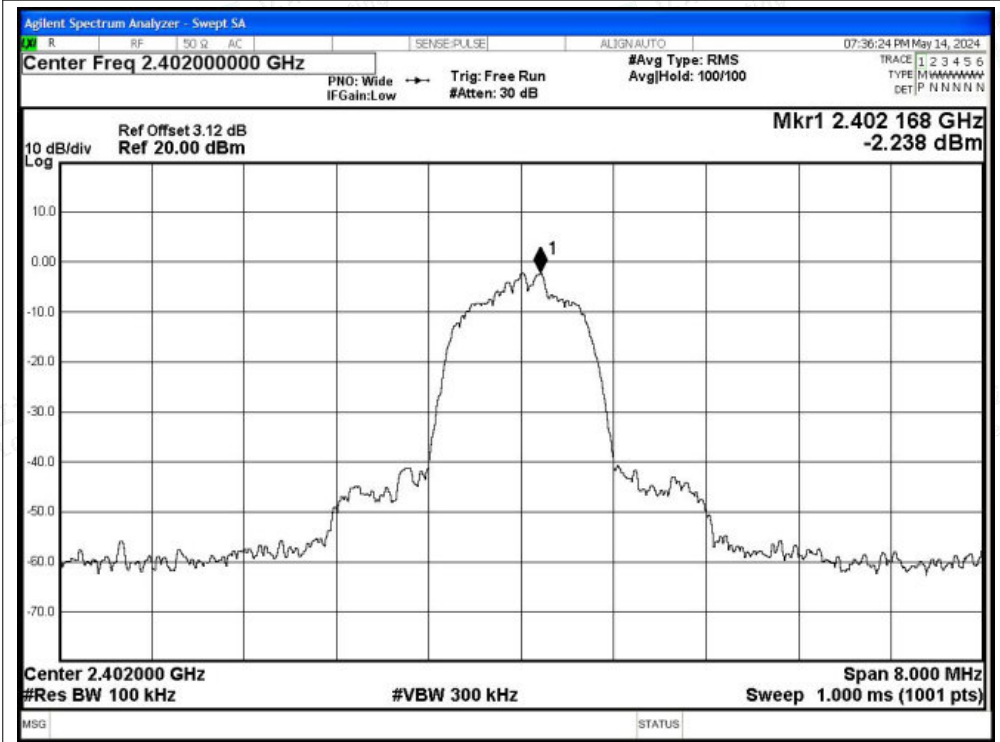
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



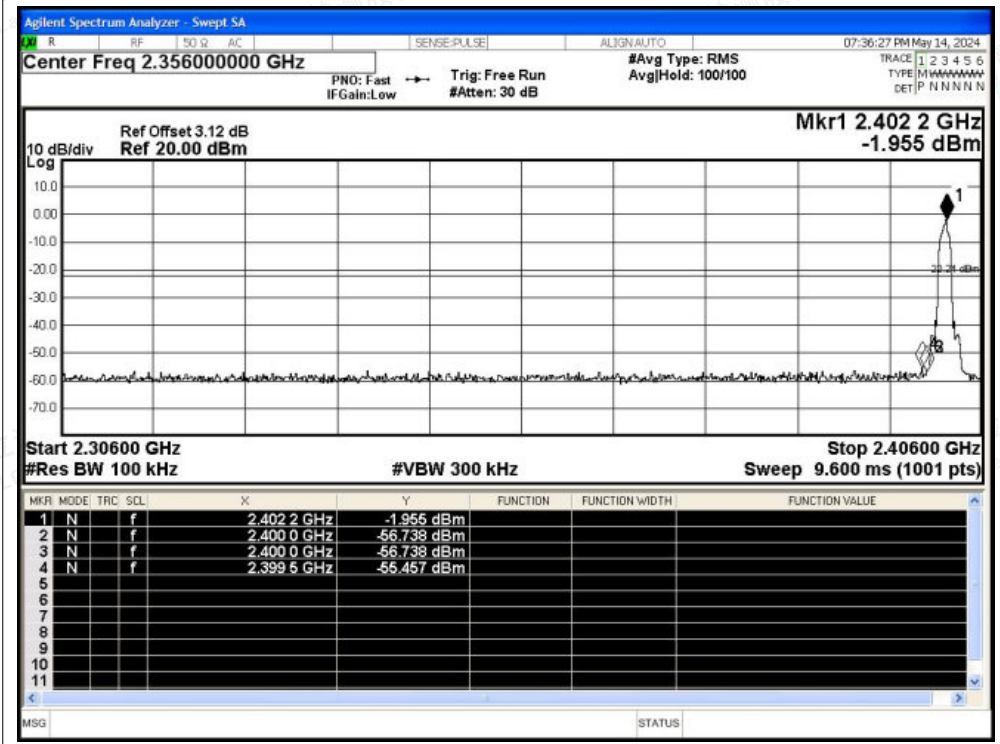




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



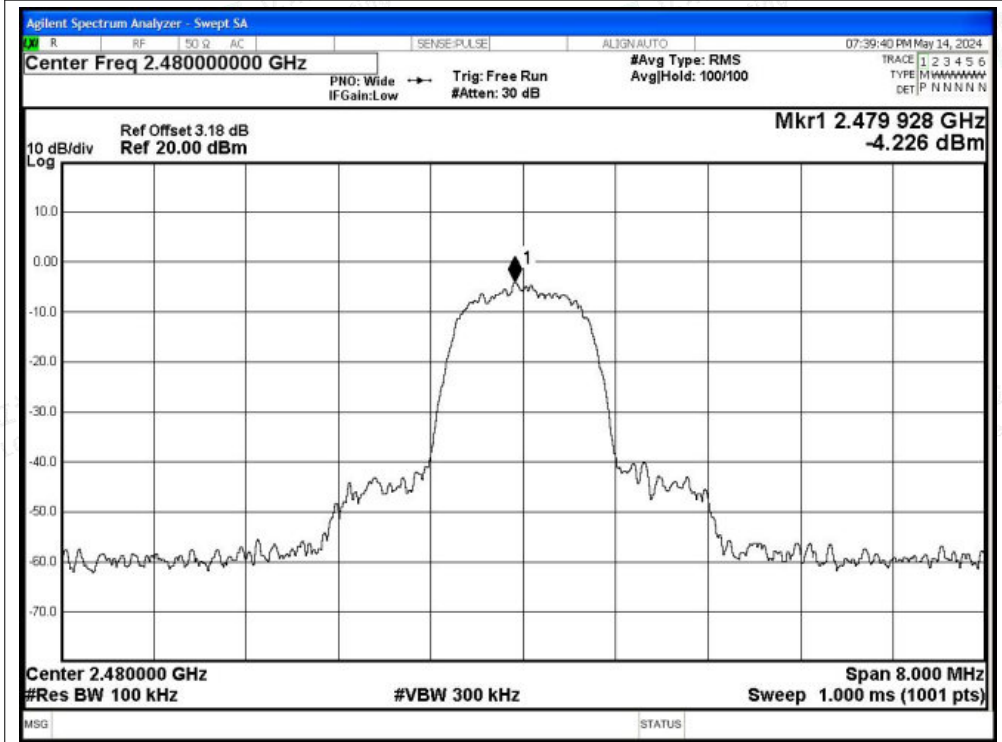
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



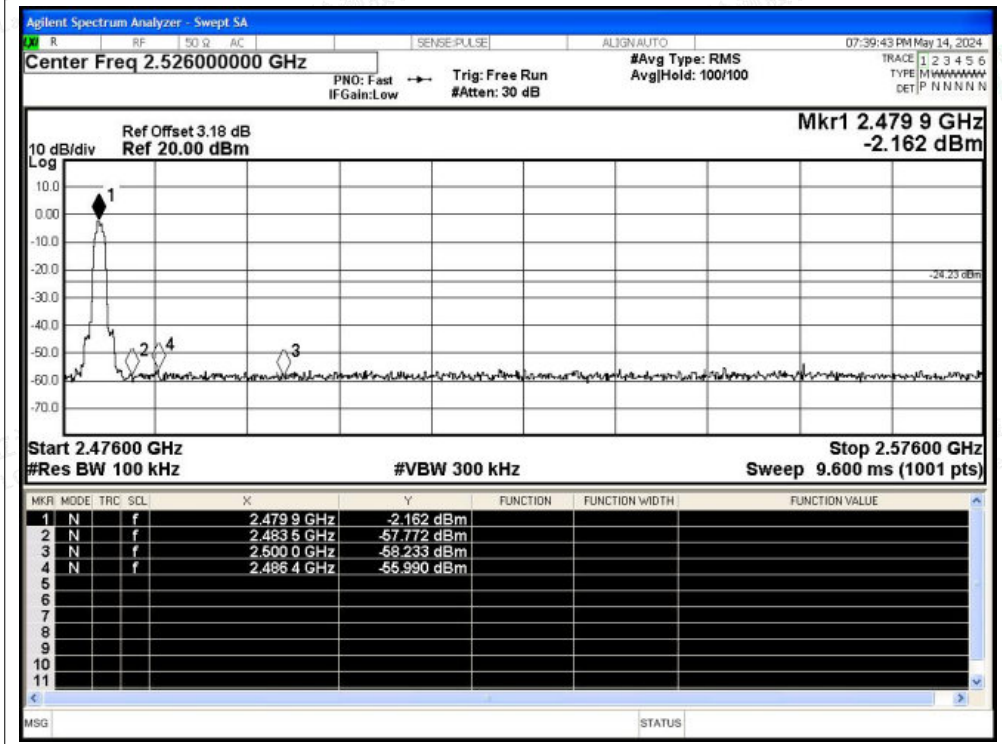




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



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





### (Hopping)

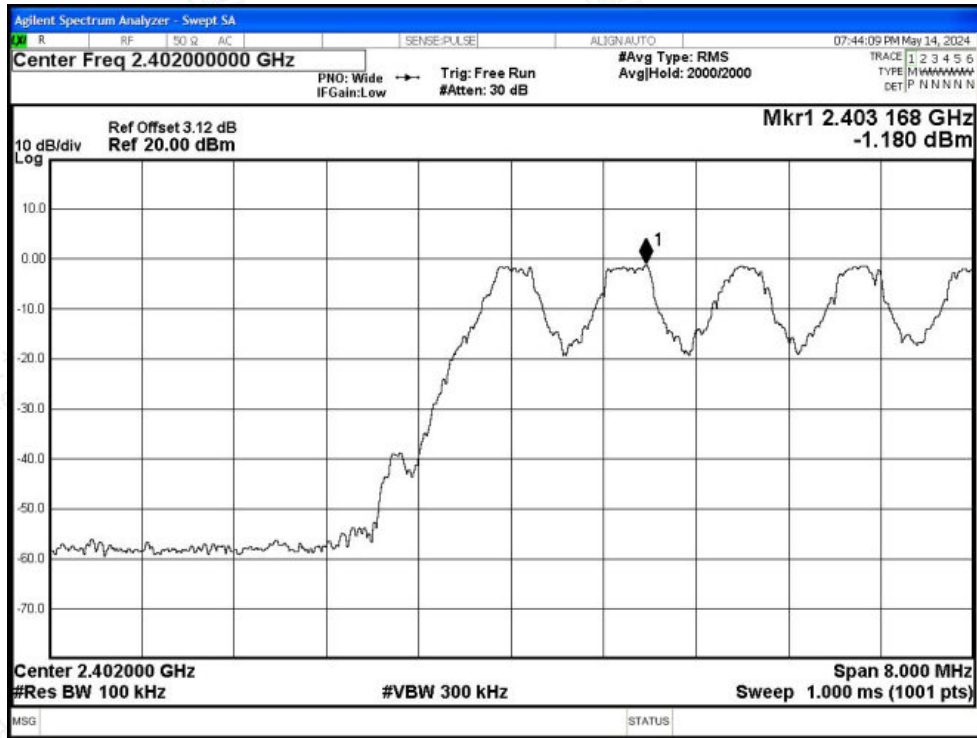
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-54.05	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.96	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-52.52	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.76	-20	Pass



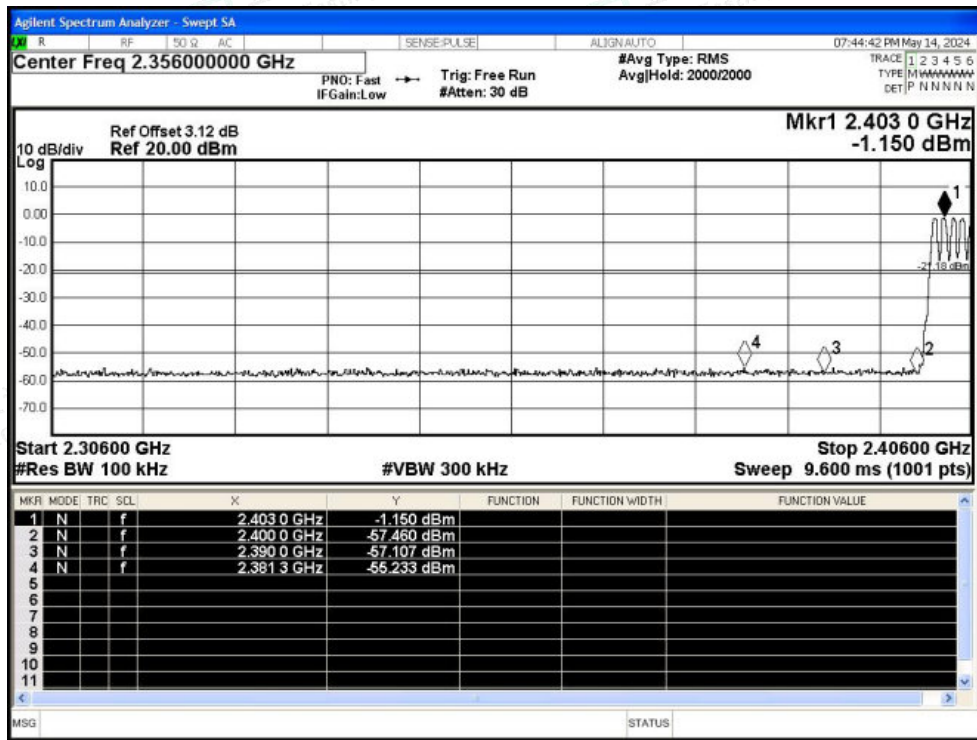


Test Graphs

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

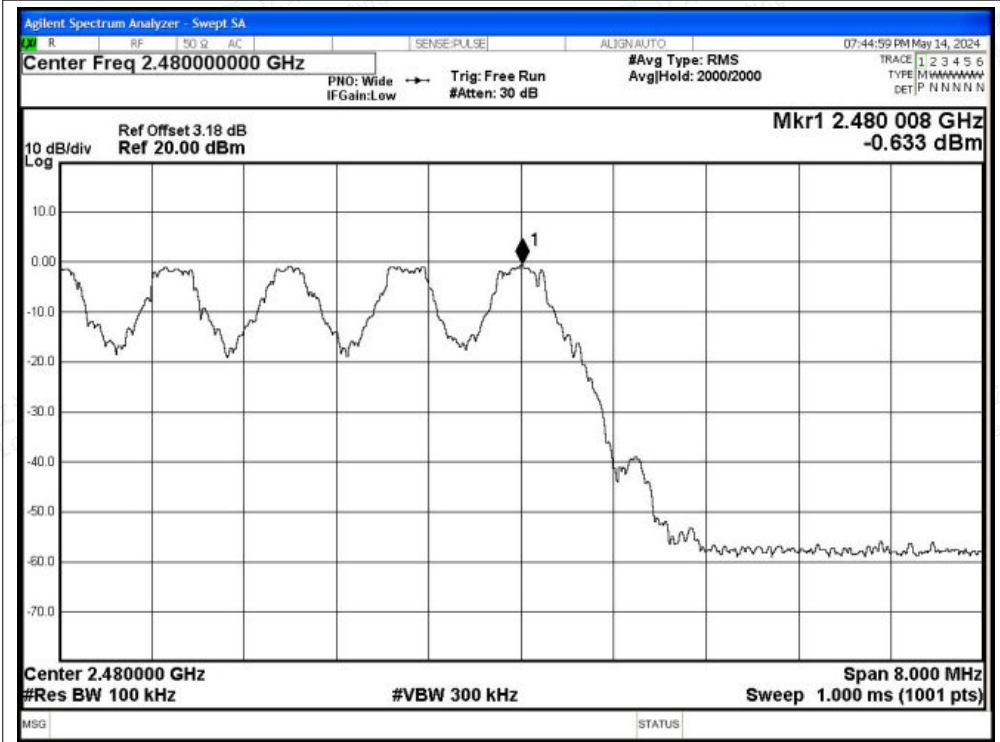


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

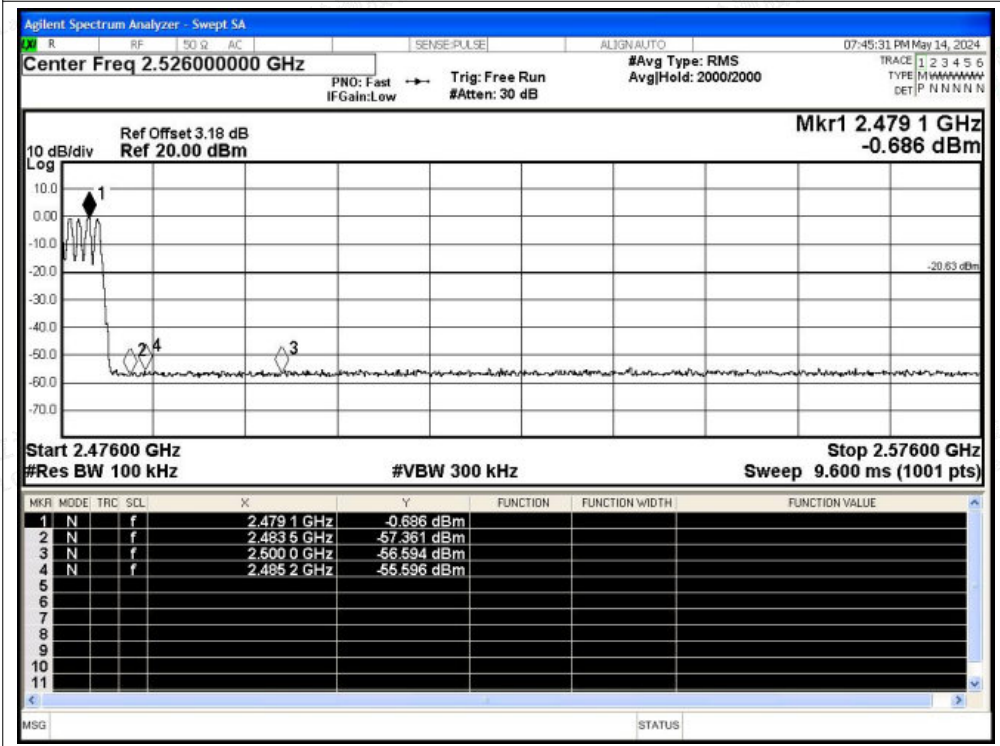




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

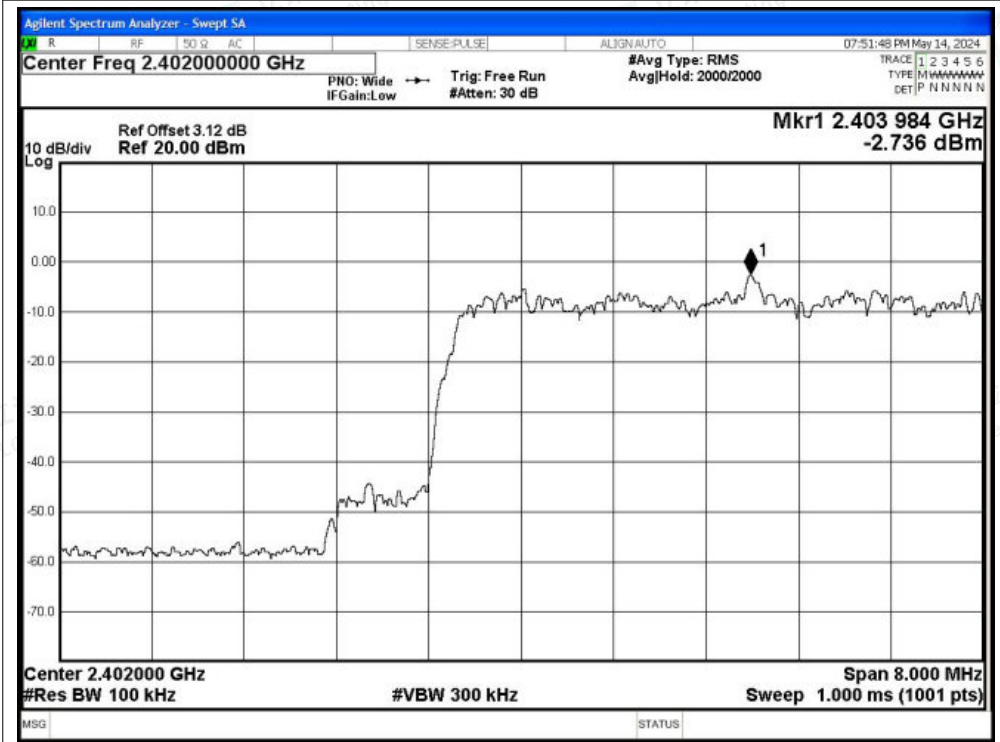


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

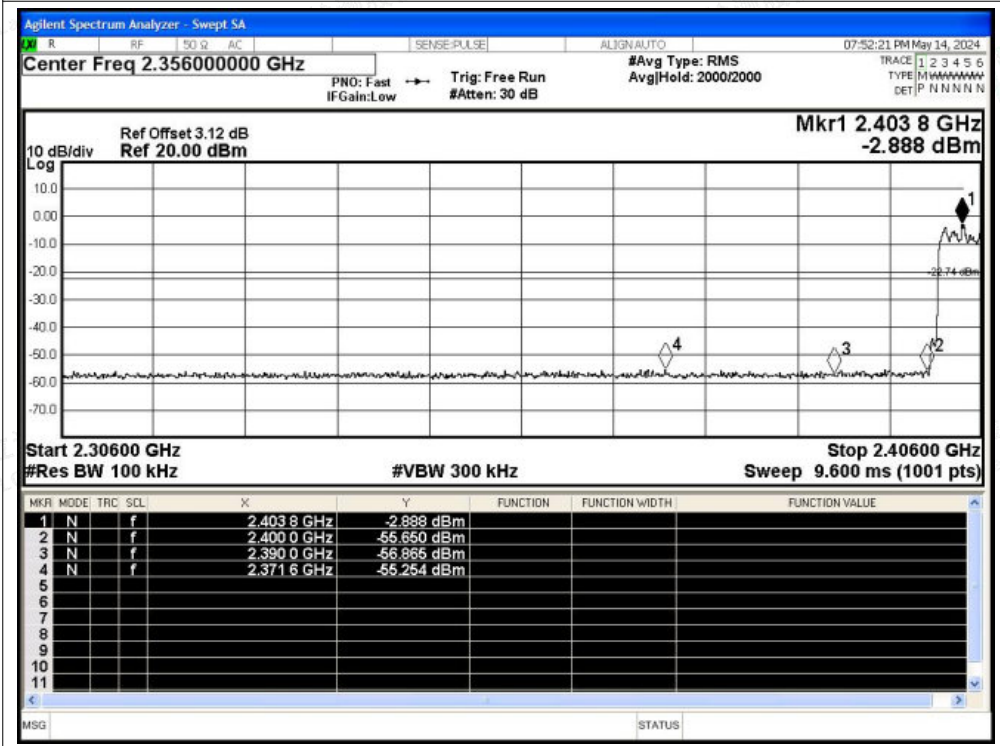




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



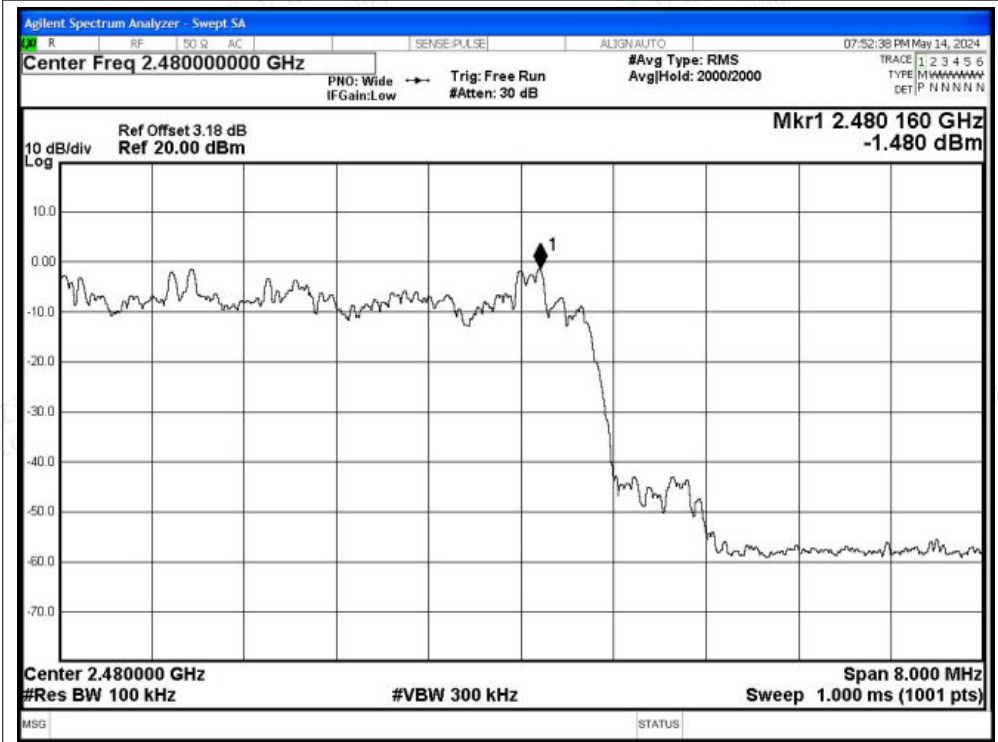
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



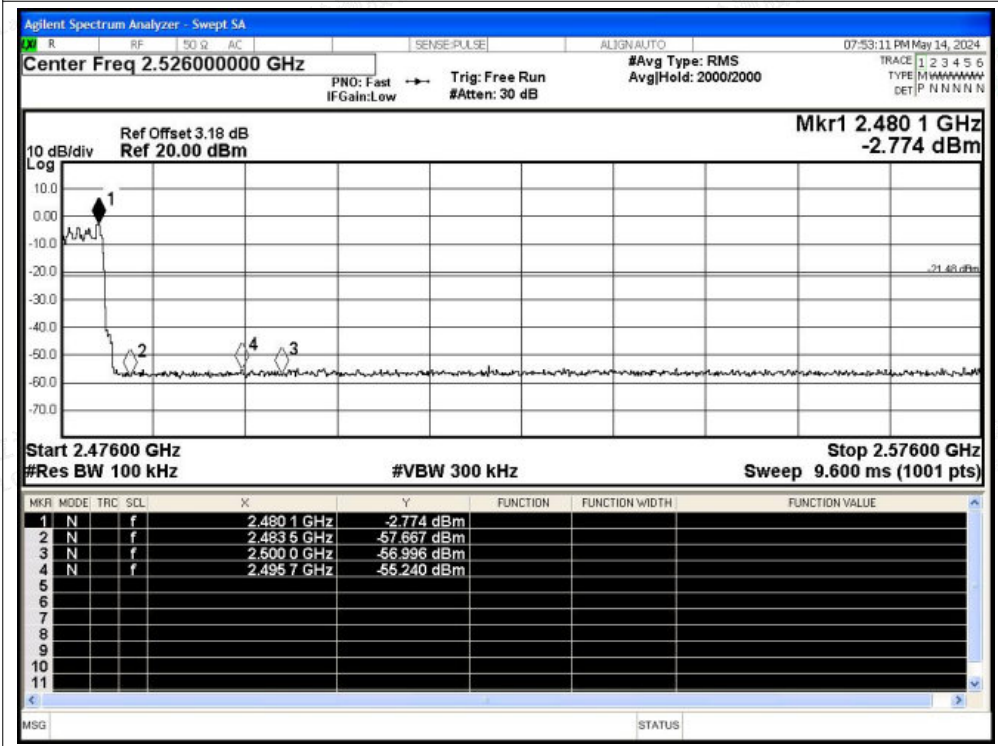




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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







## A.7 Conducted RF Spurious Emission

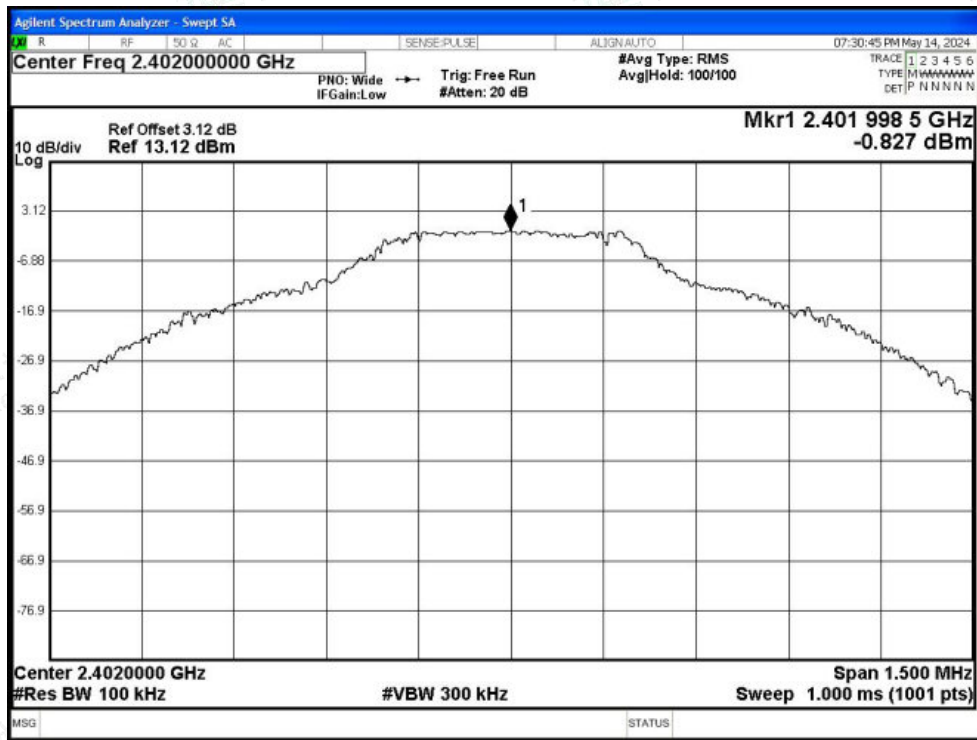
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-53.84	-20	Pass
NVNT	1-DH5	2441	Ant1	-53.97	-20	Pass
NVNT	1-DH5	2480	Ant1	-55.05	-20	Pass
NVNT	2-DH5	2402	Ant1	-51.76	-20	Pass
NVNT	2-DH5	2441	Ant1	-52.94	-20	Pass
NVNT	2-DH5	2480	Ant1	-51.99	-20	Pass



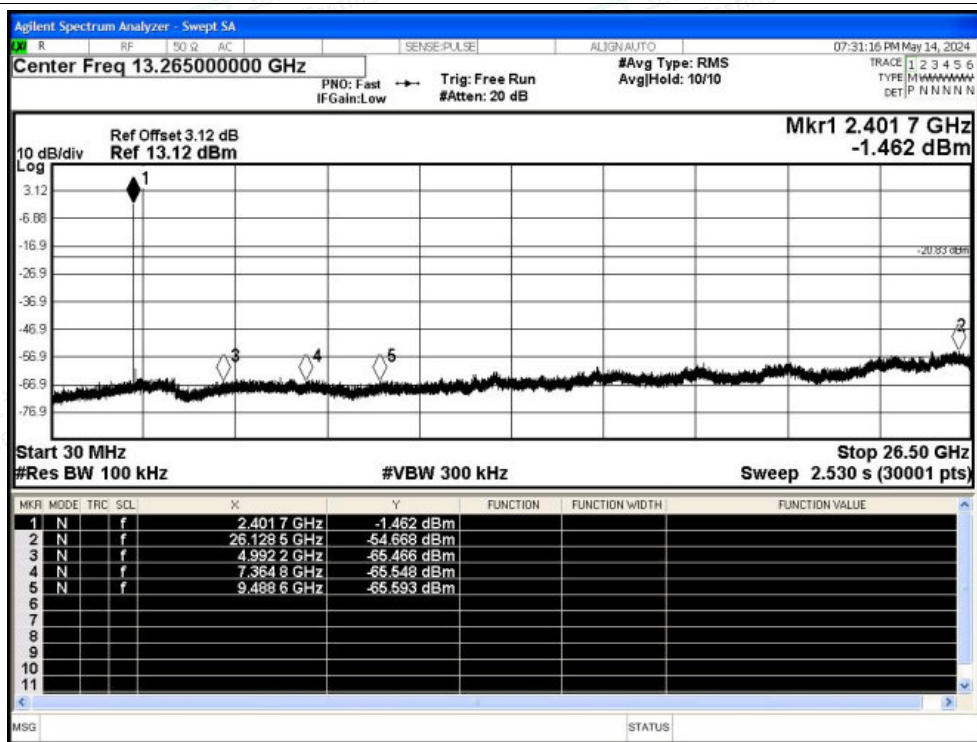


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

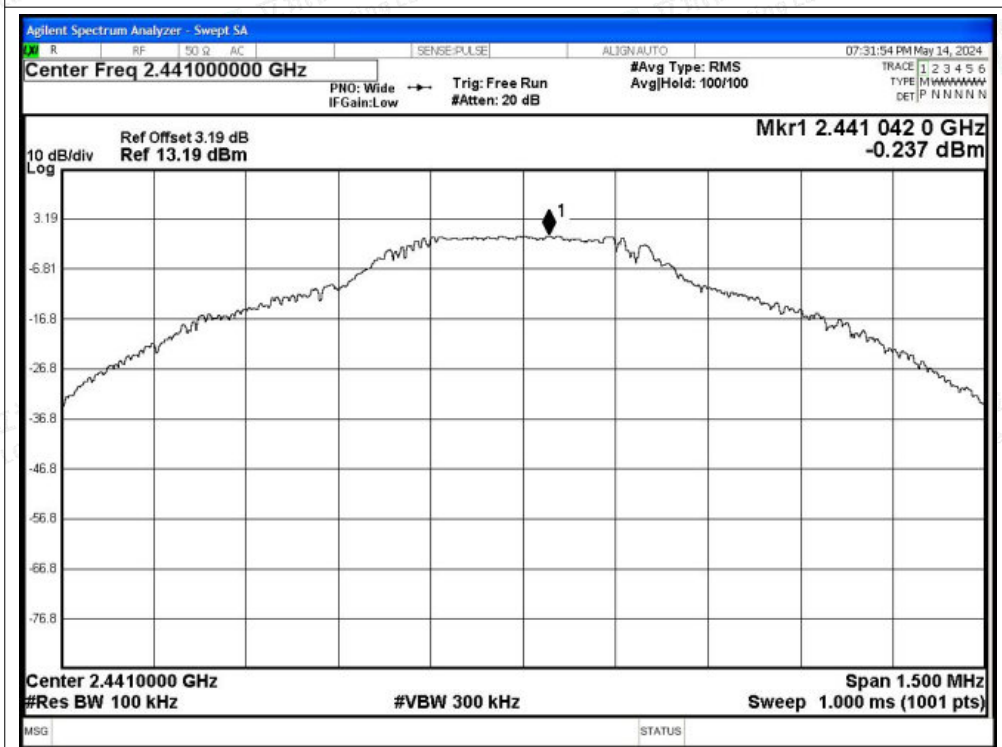


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

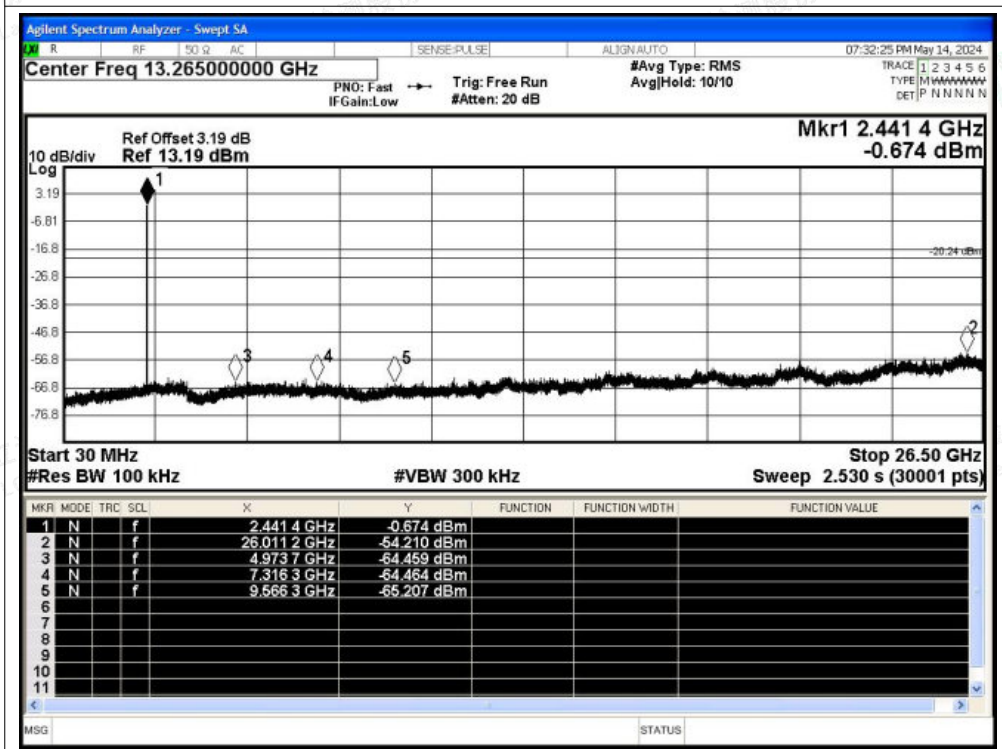




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

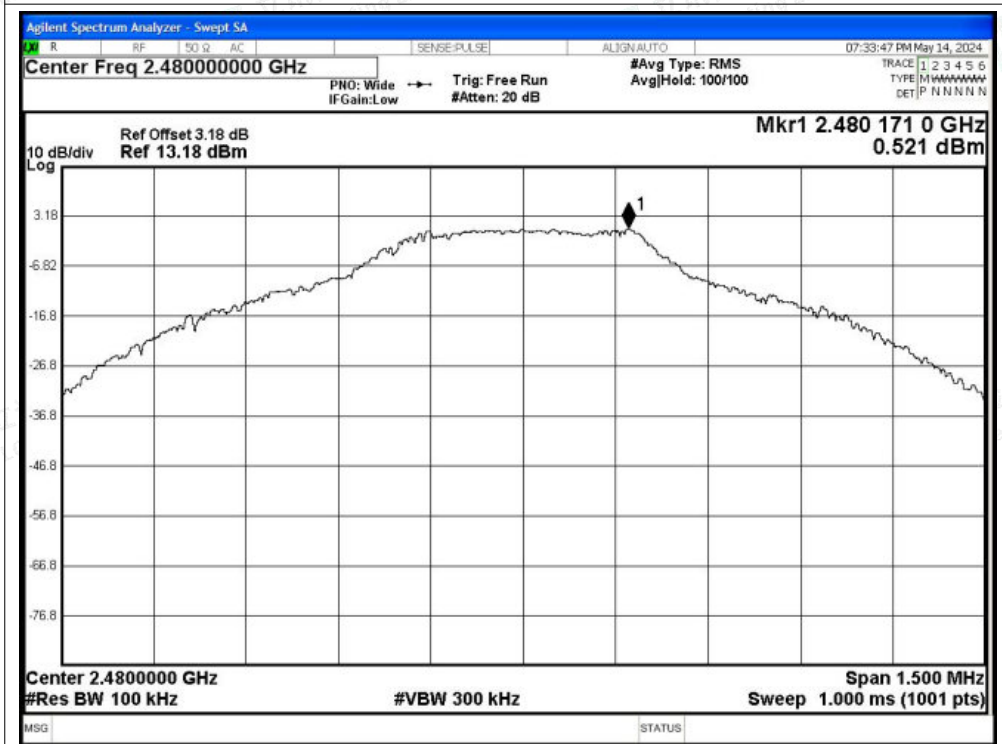


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

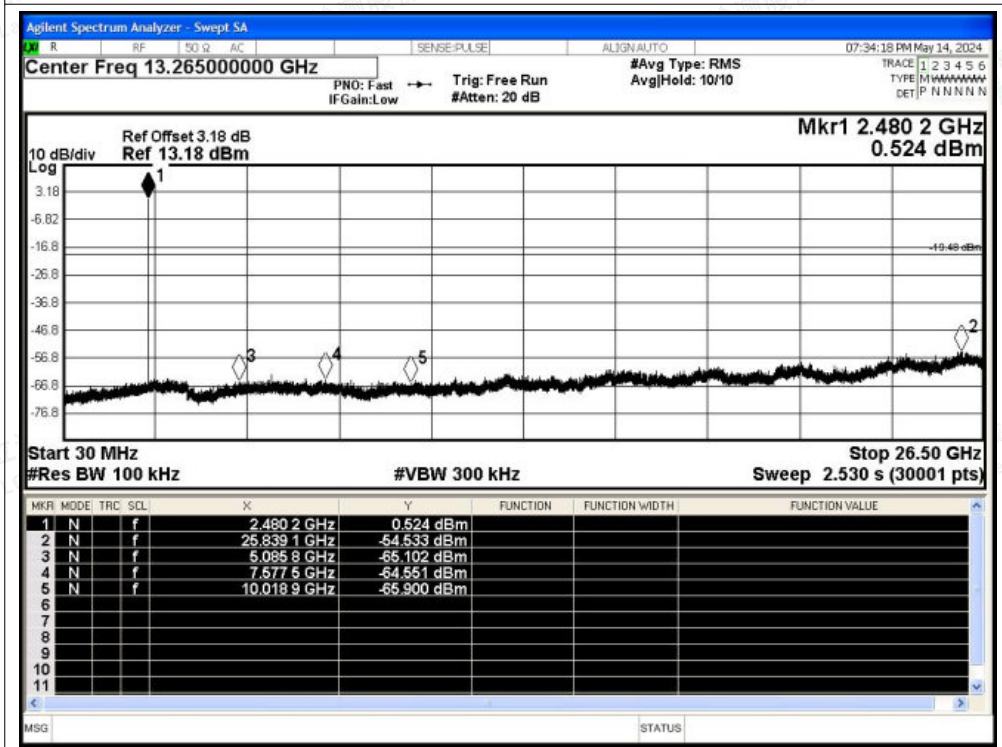




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

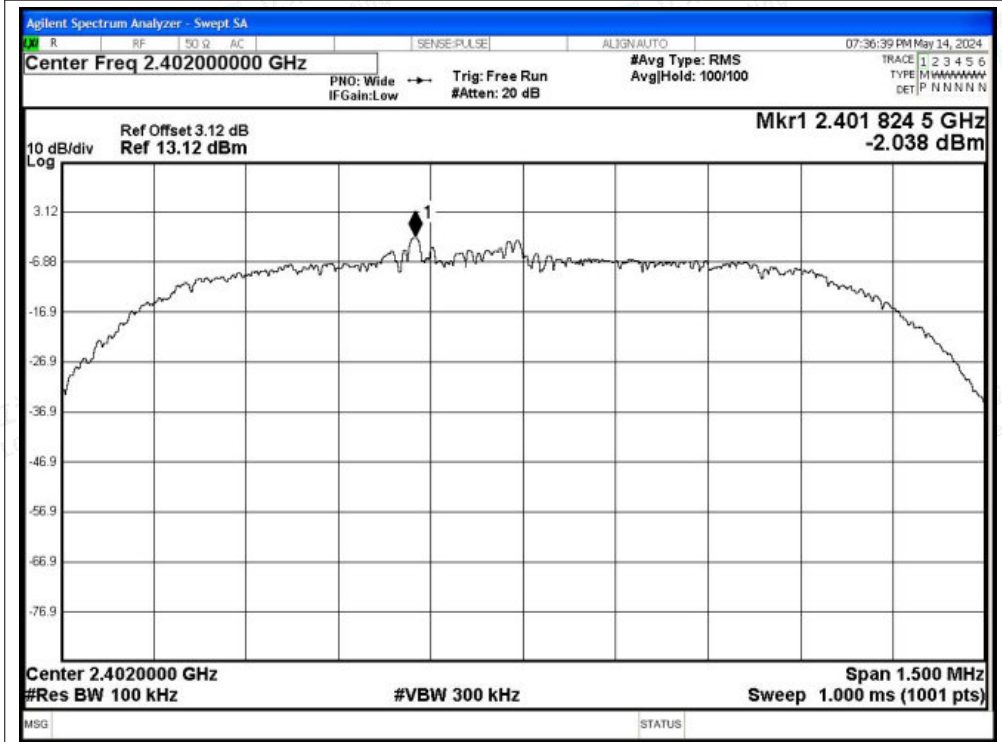


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

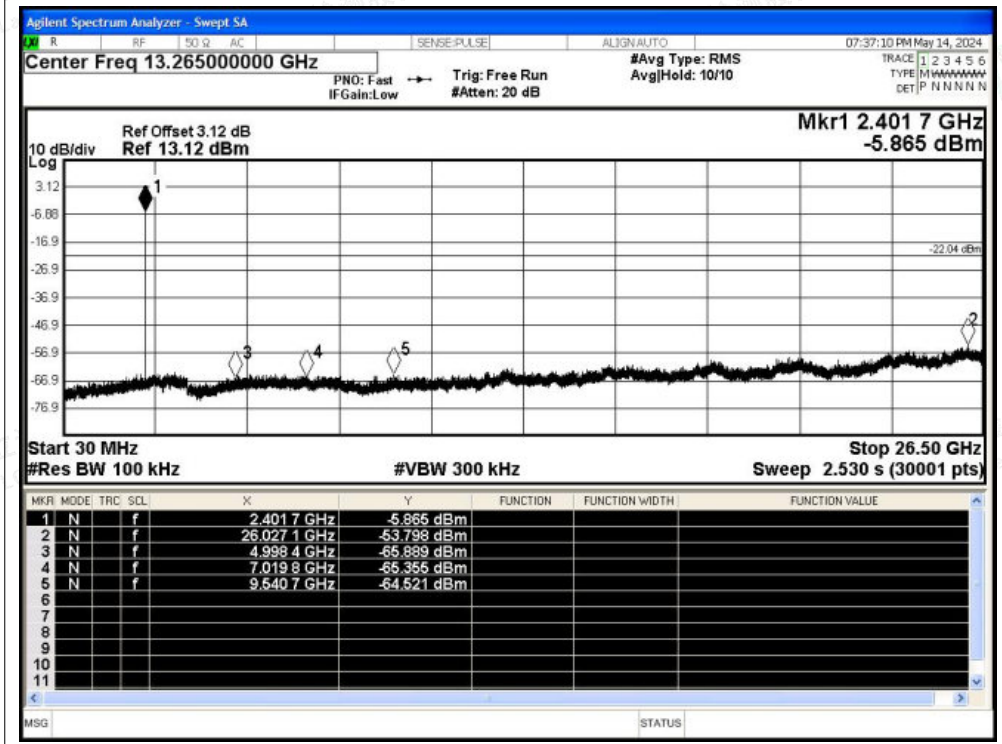




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



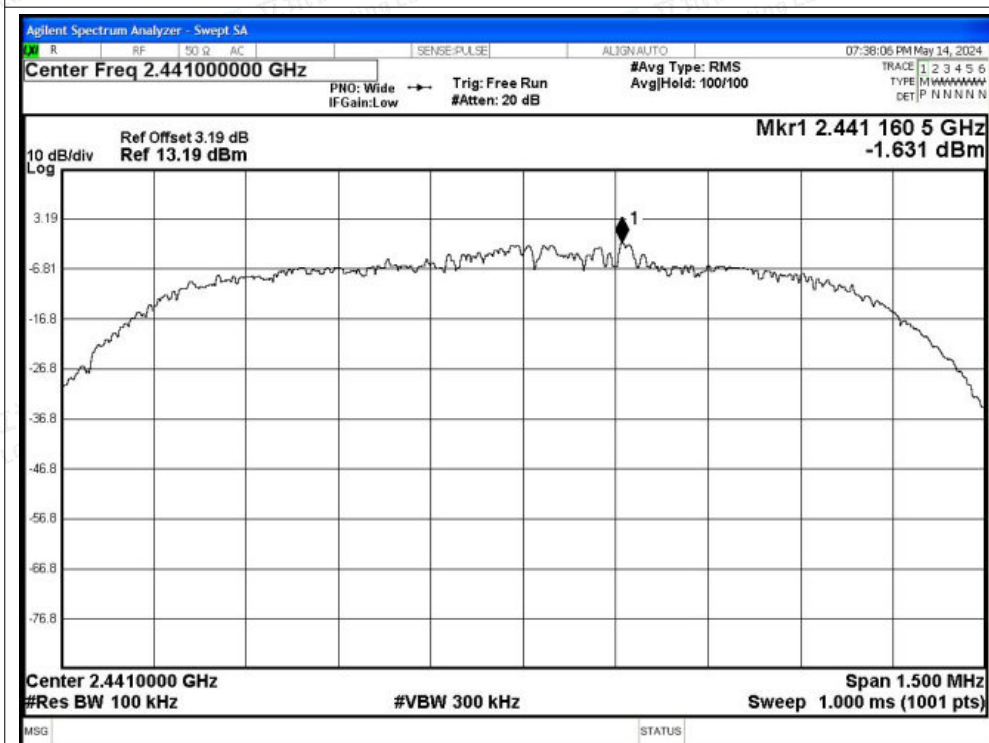
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



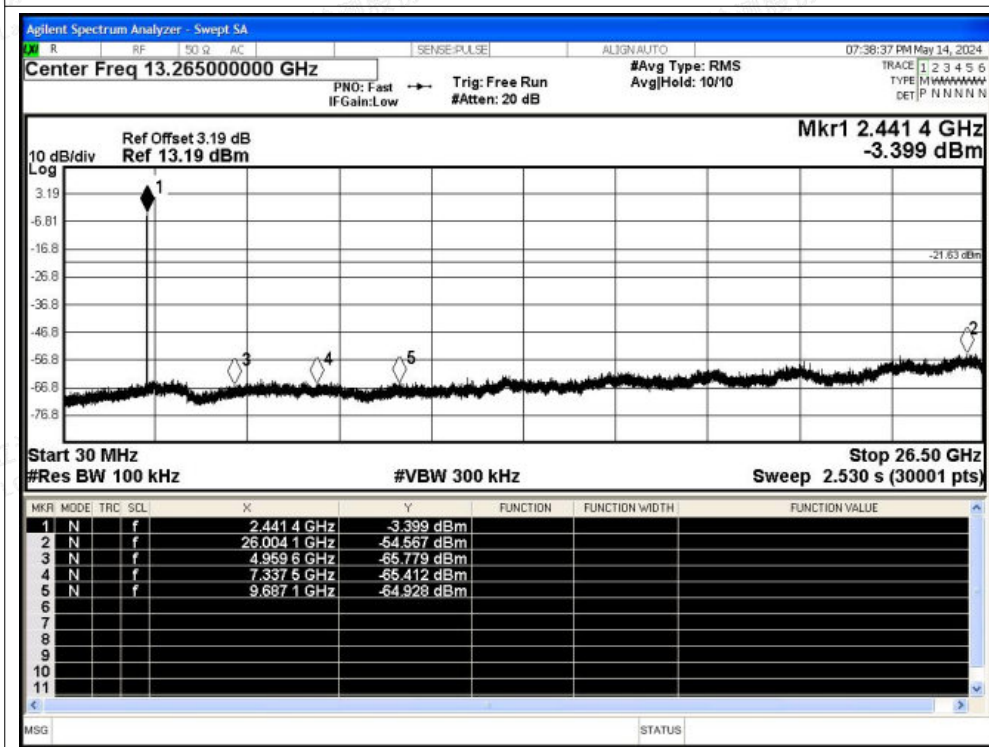




Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



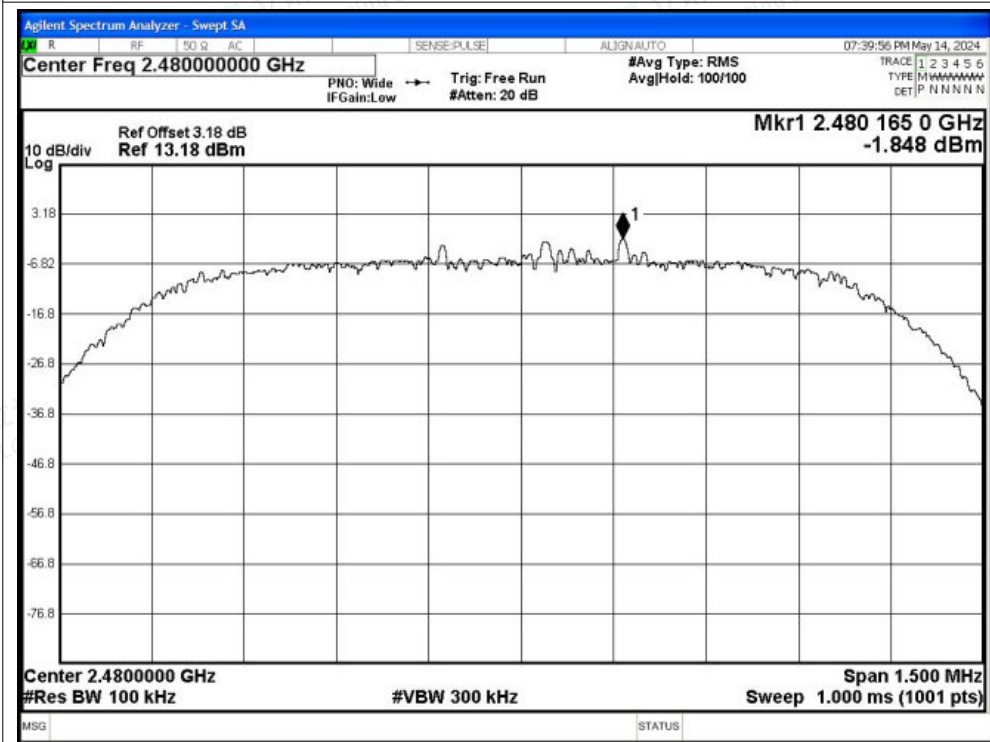
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



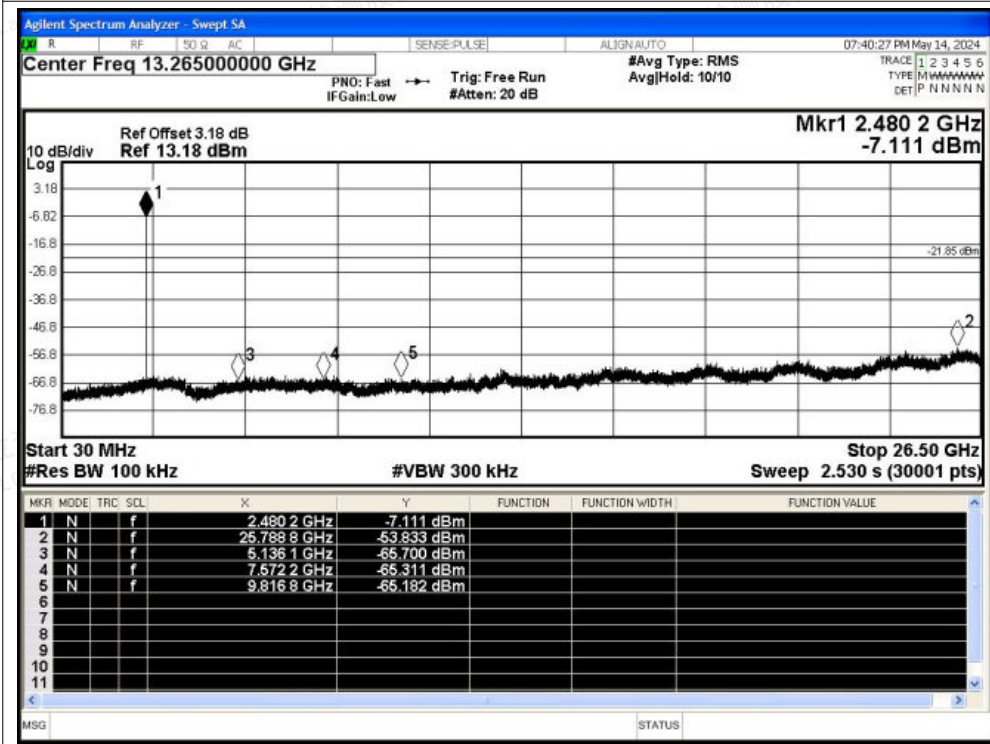




Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission





## A.8 Duty Cycle

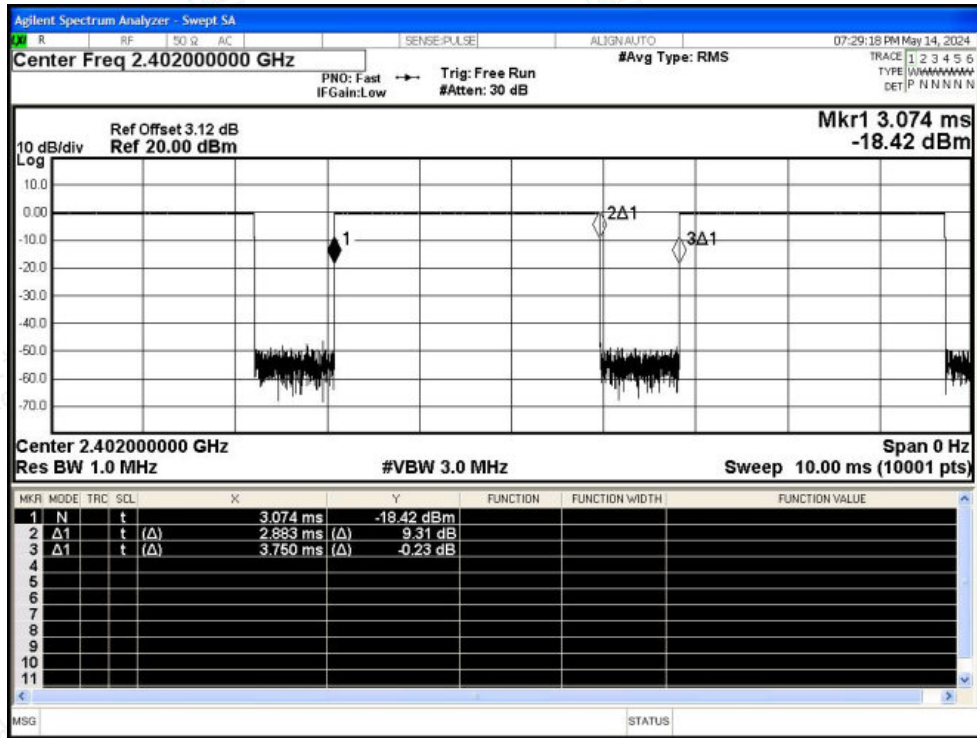
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.88	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.96	1.14	0.35



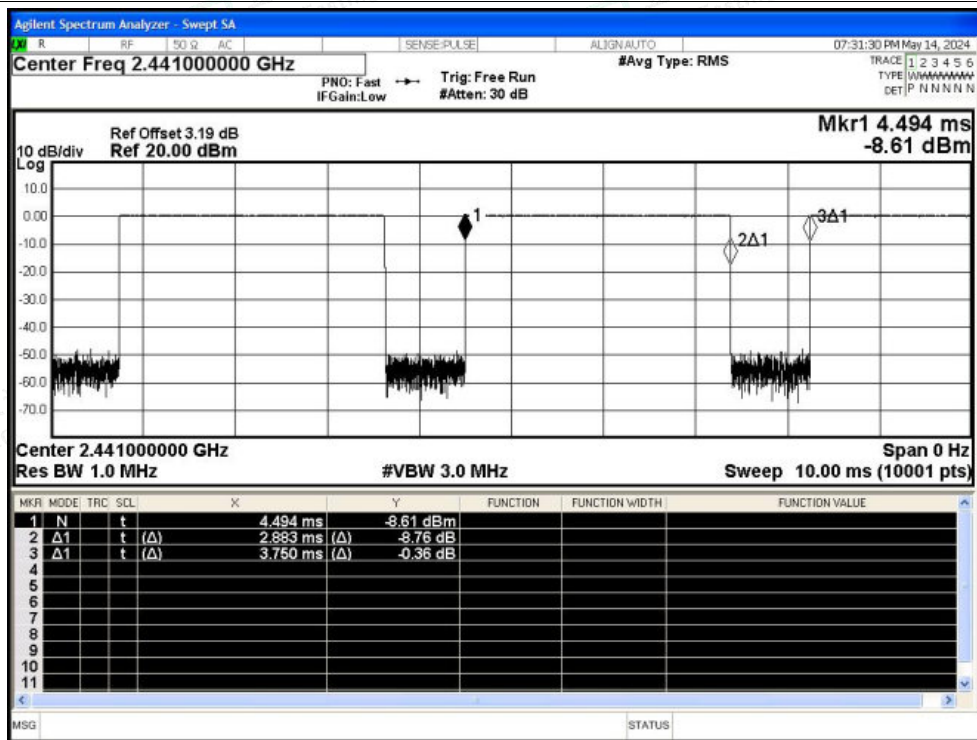


Test Graphs

Duty Cycle NVNT 1-DH5 2402MHz Ant1

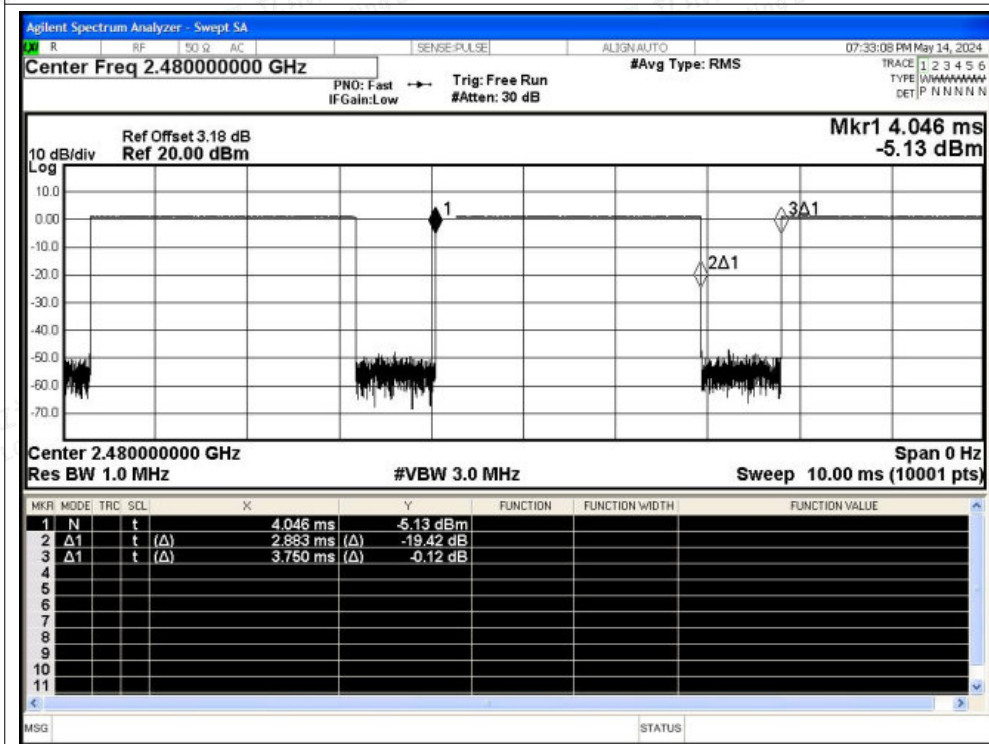


Duty Cycle NVNT 1-DH5 2441MHz Ant1

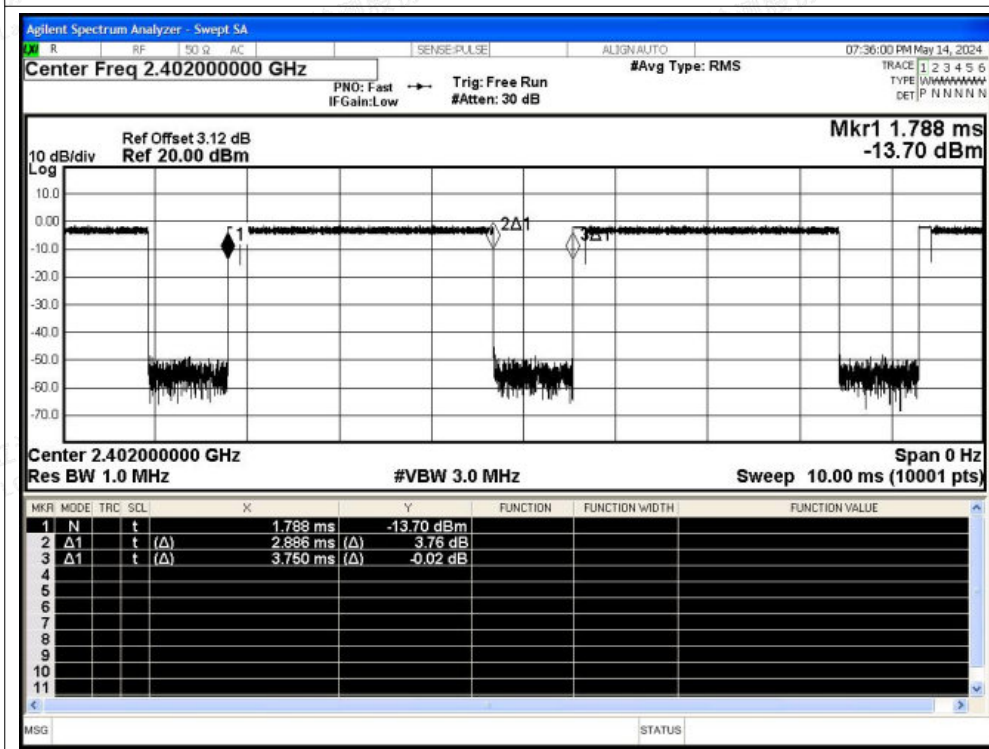




Duty Cycle NVNT 1-DH5 2480MHz Ant1

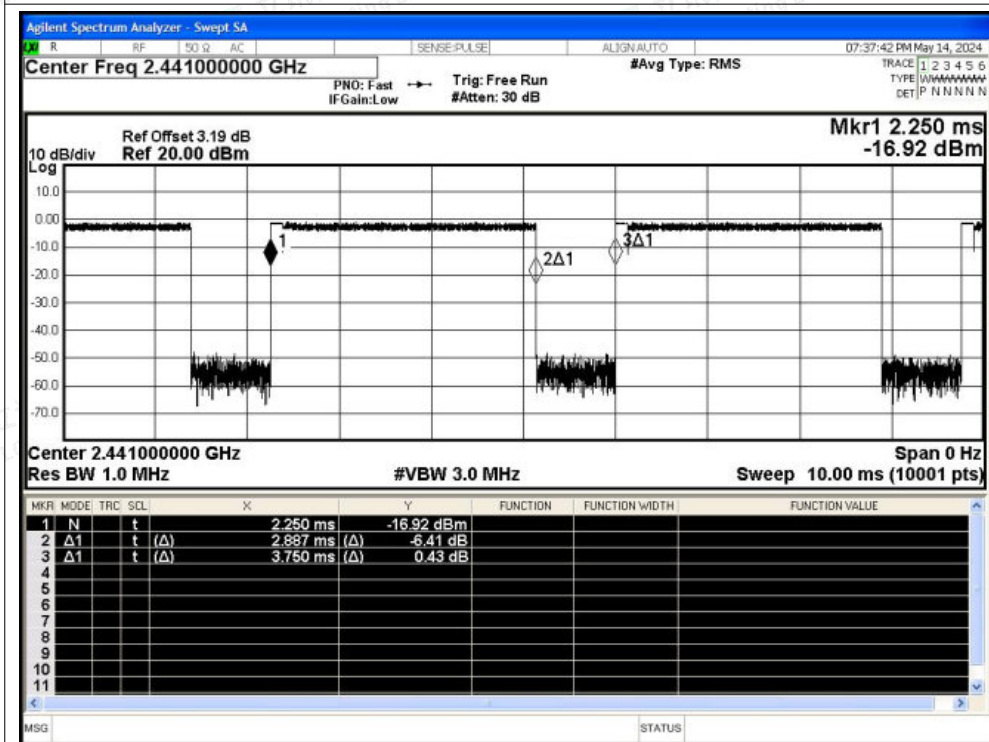


Duty Cycle NVNT 2-DH5 2402MHz Ant1

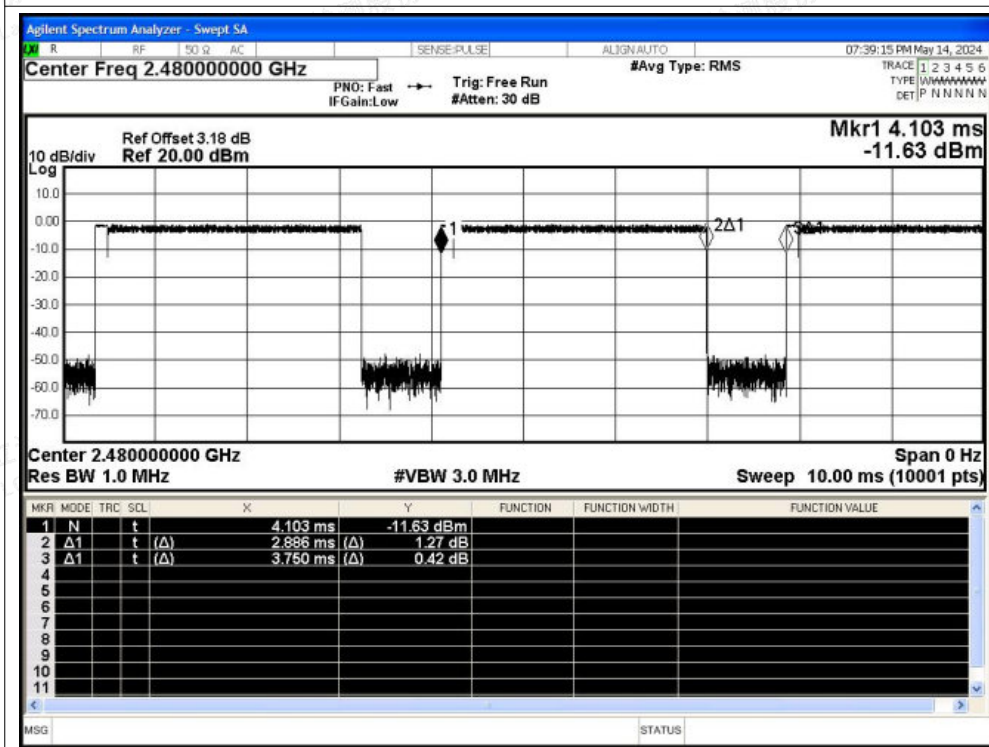




Duty Cycle NVNT 2-DH5 2441MHz Ant1



Duty Cycle NVNT 2-DH5 2480MHz Ant1







### A.9 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.61	2	-	47.65	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.37	2	1.14	41.03	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2387.376	-46.14	2	-	51.12	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2387.76	-56.78	2	1.14	41.62	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.7	2	-	47.56	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-56.94	2	1.14	41.46	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-48.17	2	-	49.09	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-56.89	2	1.14	41.51	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2486.56	-45.73	2	-	51.53	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.832	-56.22	2	1.14	42.18	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.02	2	-	48.24	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.19	2	1.14	41.21	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-48.98	2	-	48.28	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.78	2	1.14	40.62	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2357.424	-46.35	2	-	50.91	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2371.344	-56.57	2	1.14	41.83	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-48.8	2	-	48.46	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.42	2	1.14	40.98	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.45	2	-	47.81	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-56.87	2	1.14	41.53	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2489.68	-46.09	2	-	51.17	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.08	-56.35	2	1.14	42.05	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.85	2	-	47.41	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.18	2	1.14	41.22	Average	54	Pass

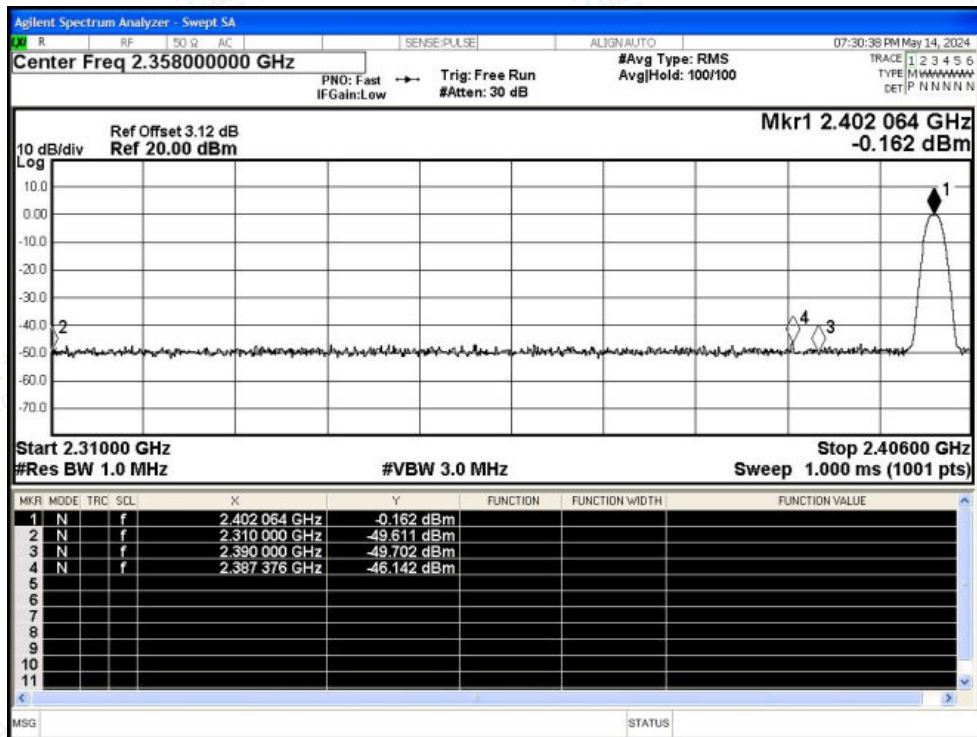


Shenzhen LCS Compliance Testing Laboratory Ltd.  
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

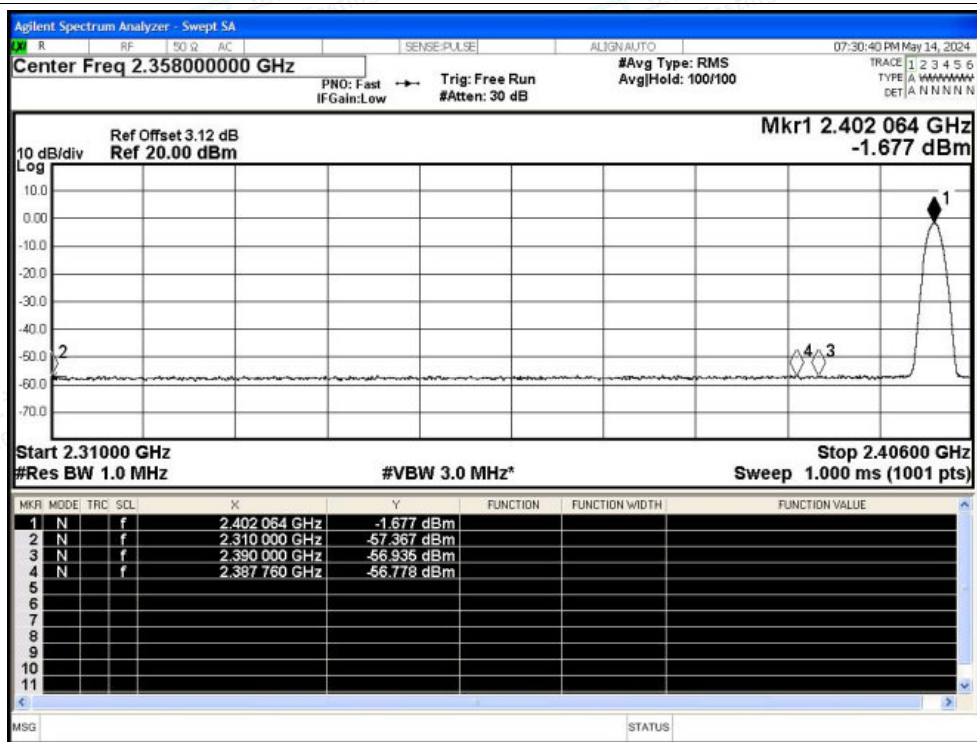


Test Graphs

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

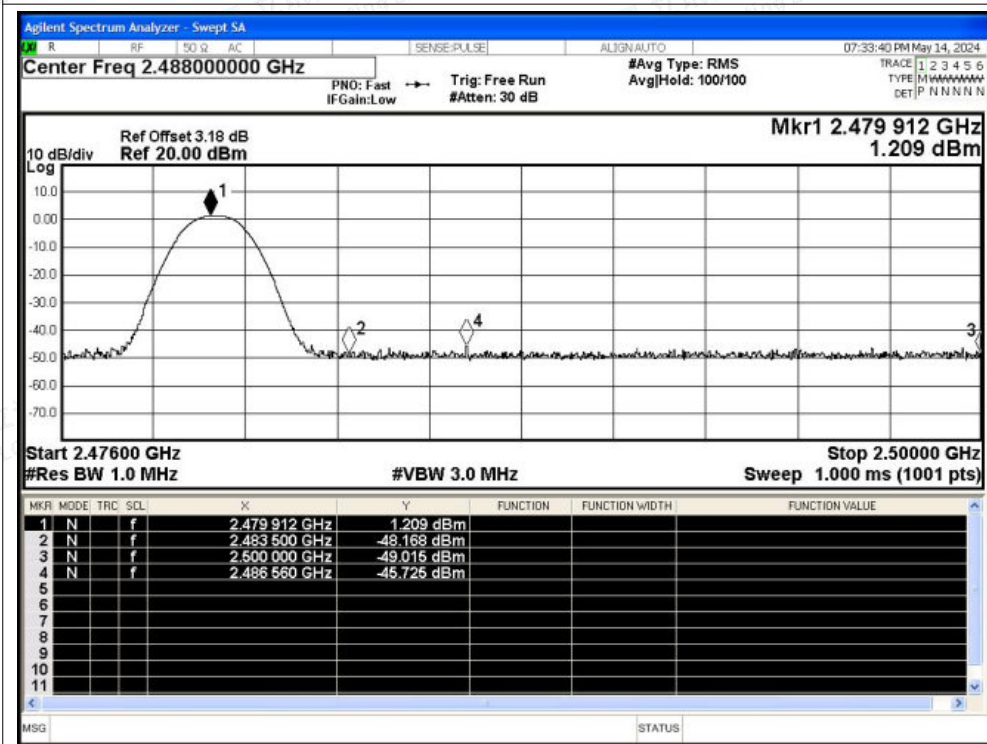


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

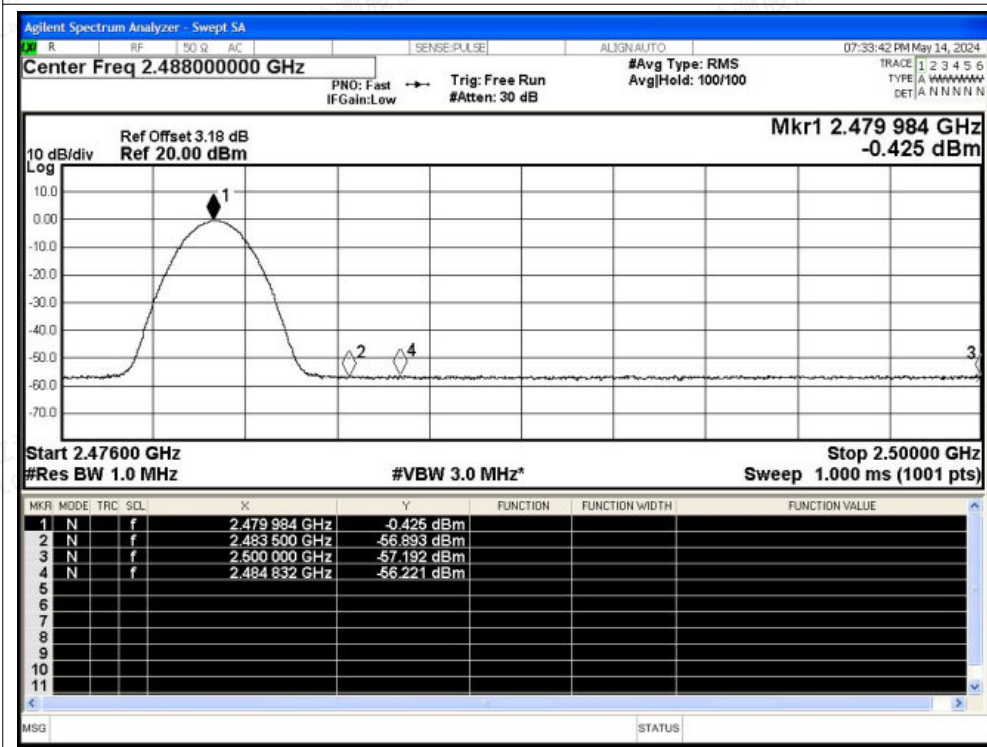




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

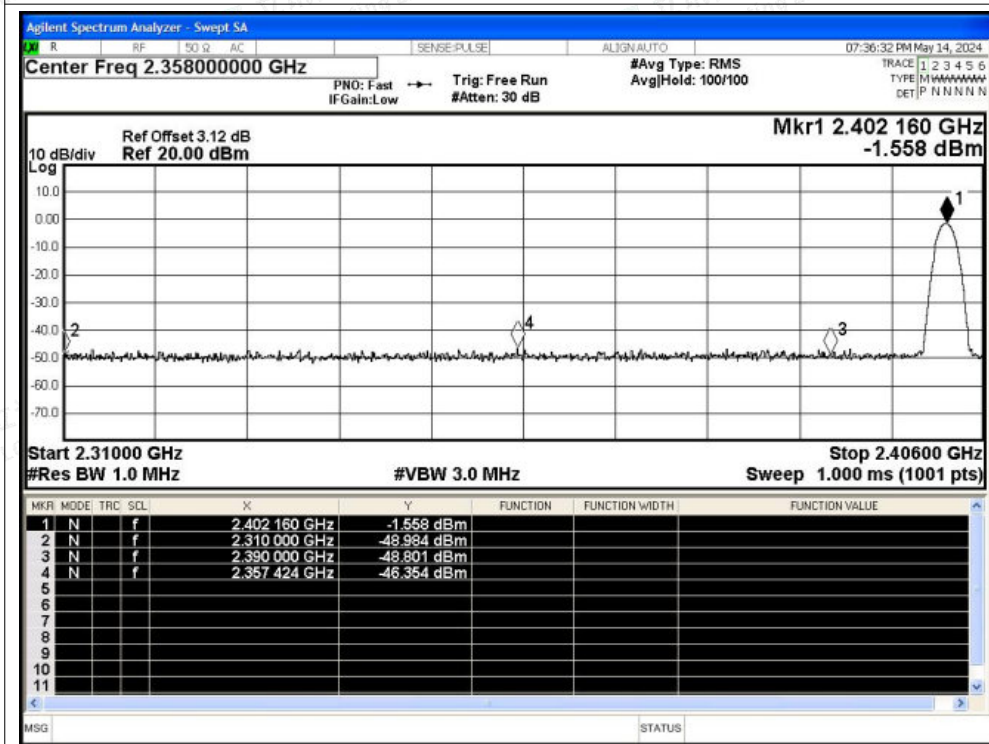


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

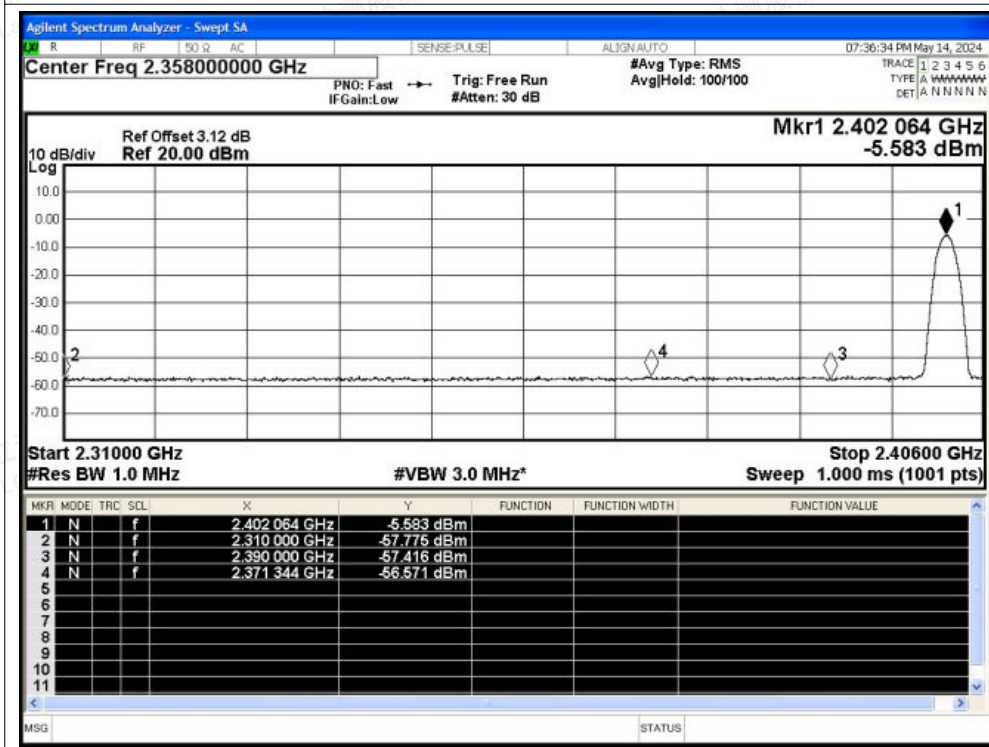




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



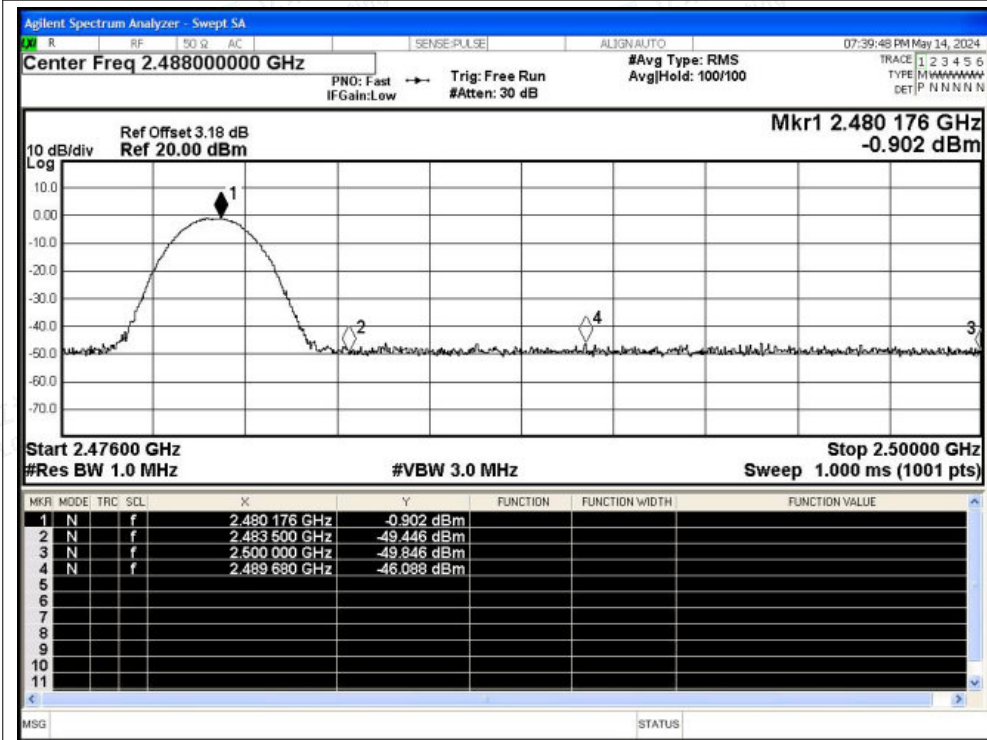
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average







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



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

