



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: PicassoTab_X11

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
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	1.041	N/A	Pass
NVNT	1-DH5	2441	Ant1	1.016	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.974	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.305	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.311	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.318	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.332	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.31	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.3	N/A	Pass





Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

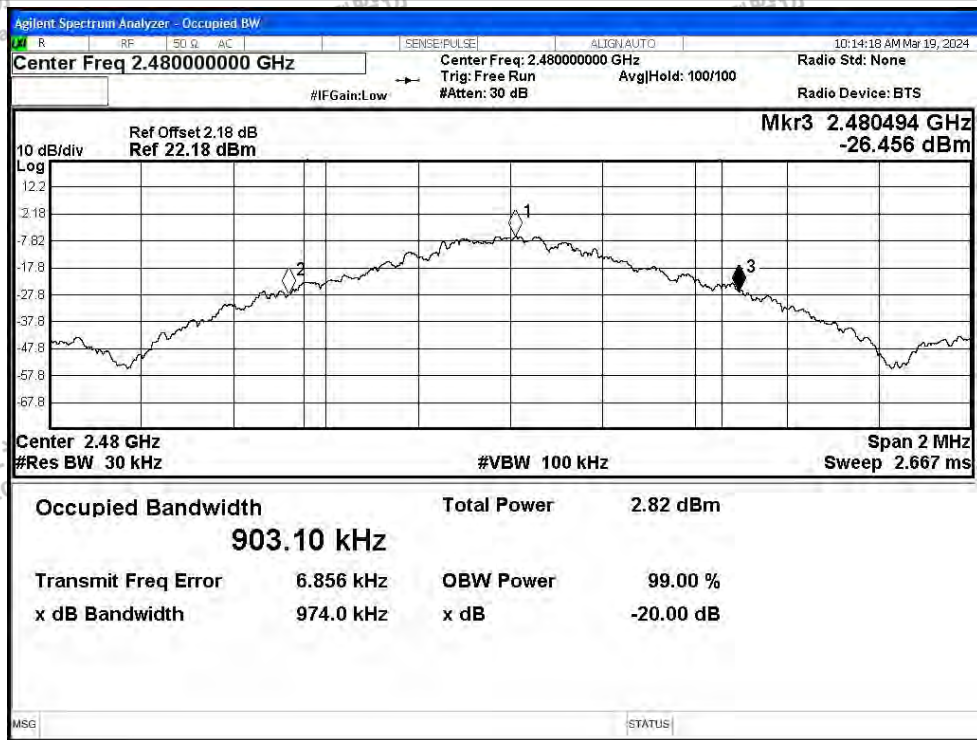


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

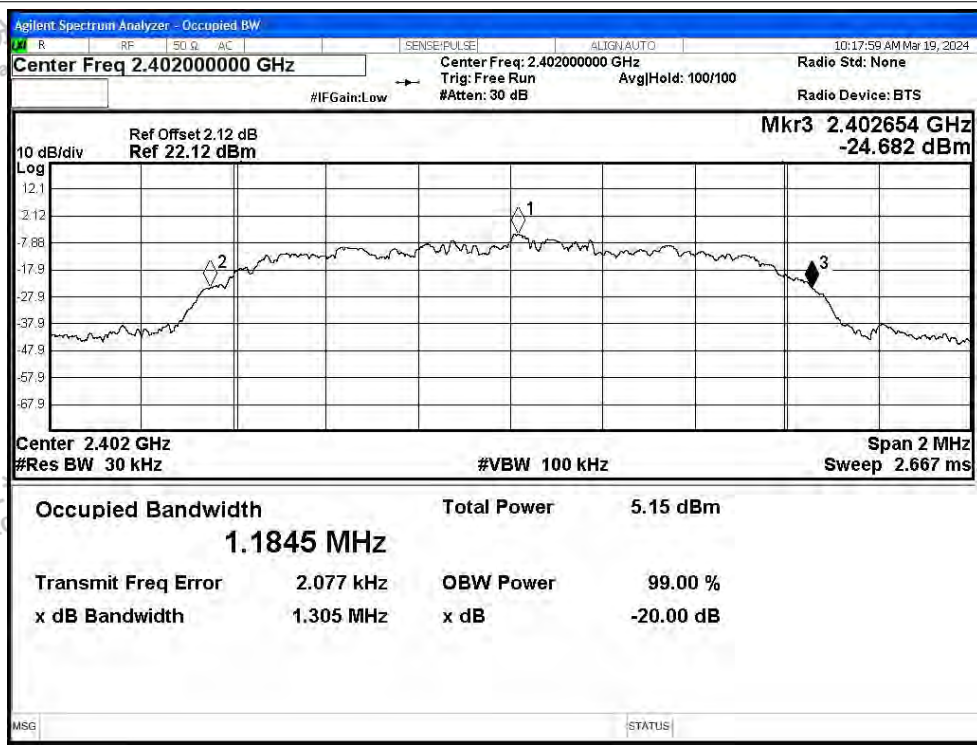




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

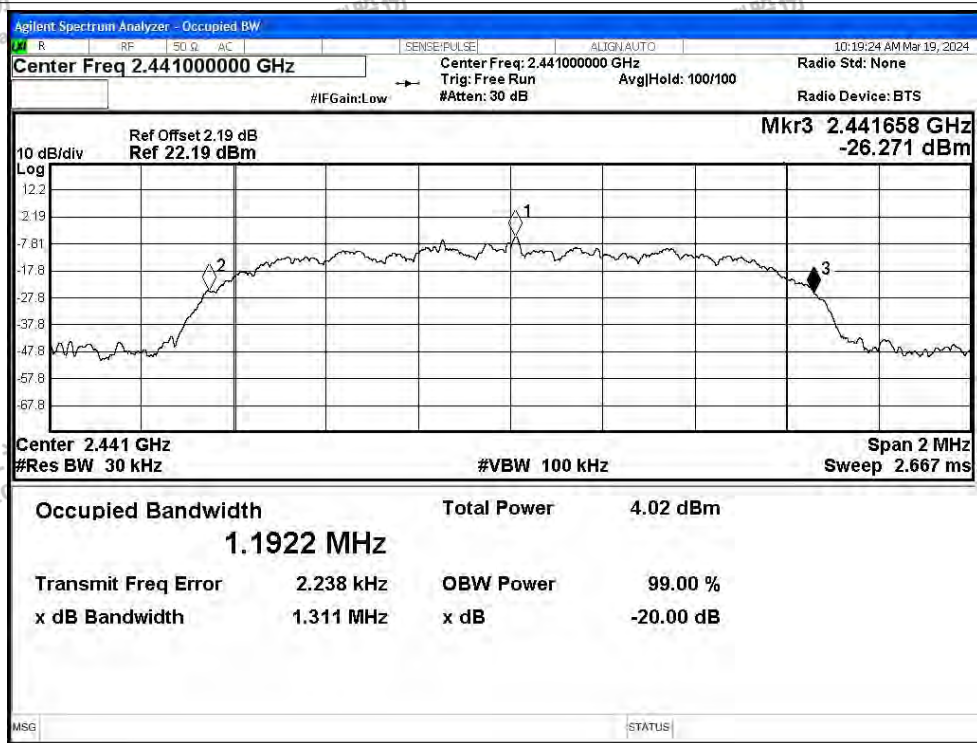


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1





-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

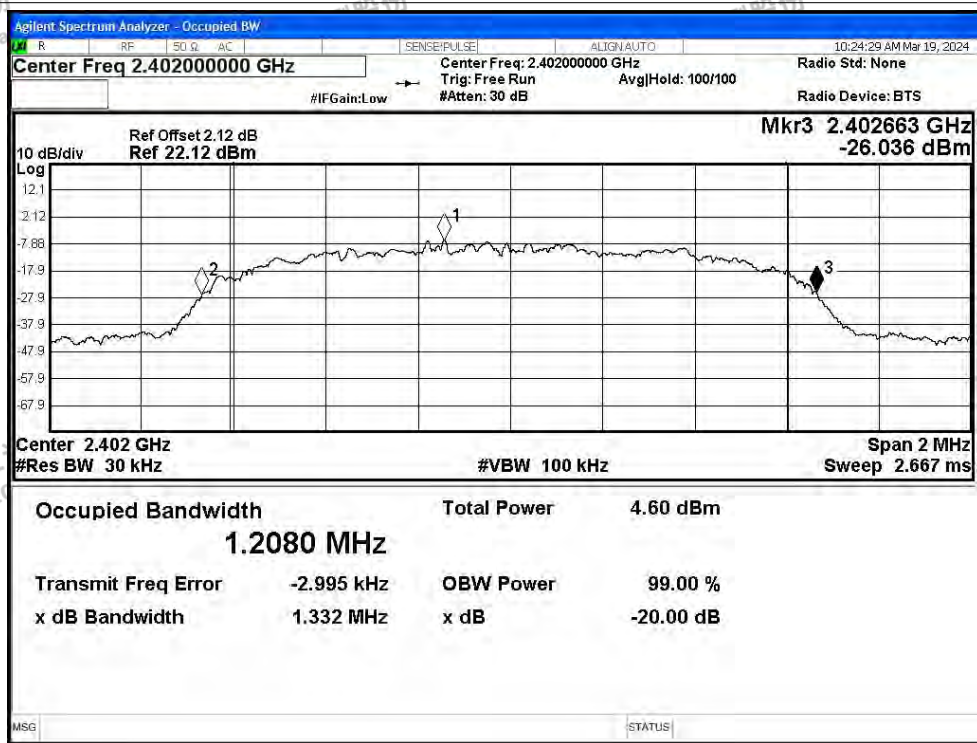


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

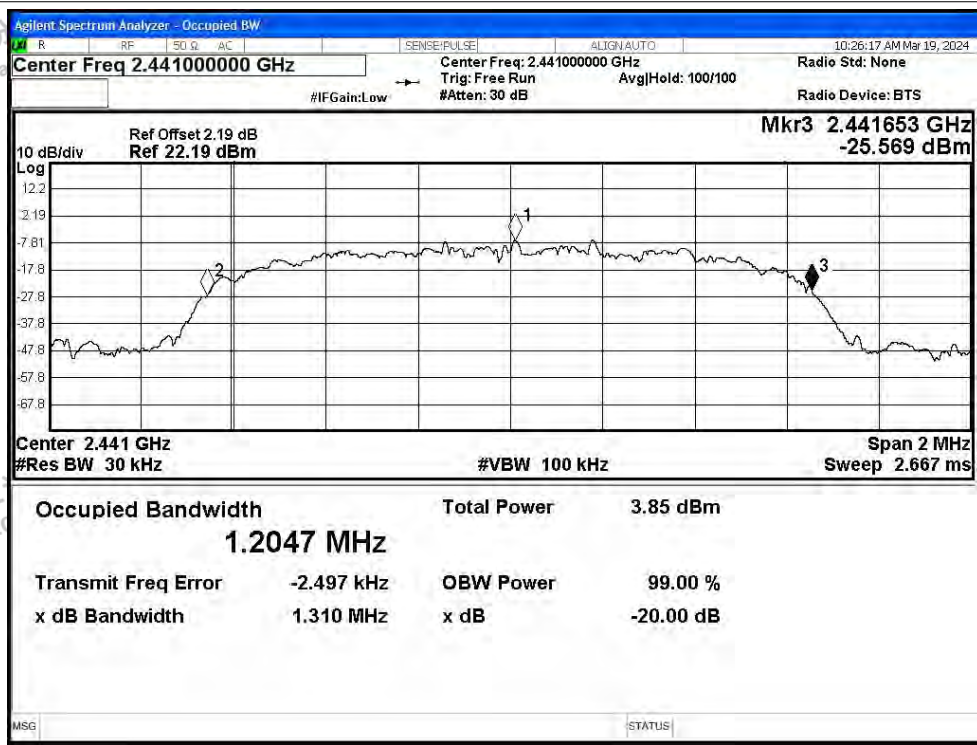




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1





A.2 Maximum Conducted Output Power

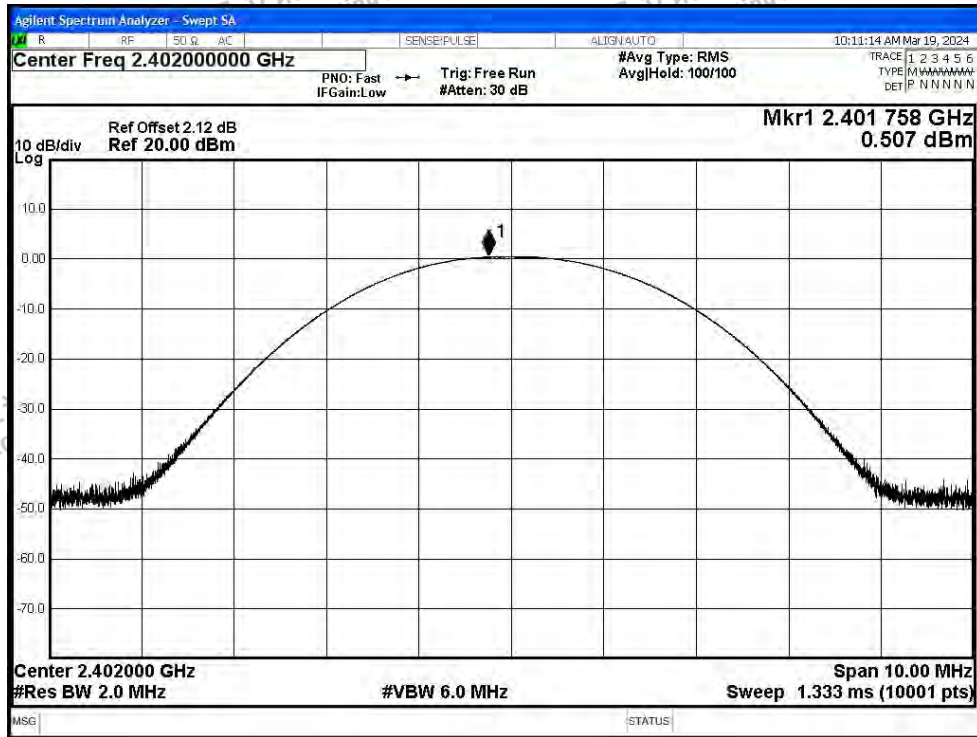
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.51	21	Pass
NVNT	1-DH5	2441	Ant1	-0.09	21	Pass
NVNT	1-DH5	2480	Ant1	0.23	21	Pass
NVNT	2-DH5	2402	Ant1	0.29	21	Pass
NVNT	2-DH5	2441	Ant1	-0.3	21	Pass
NVNT	2-DH5	2480	Ant1	-0.08	21	Pass
NVNT	3-DH5	2402	Ant1	0.08	21	Pass
NVNT	3-DH5	2441	Ant1	-0.43	21	Pass
NVNT	3-DH5	2480	Ant1	-0.23	21	Pass



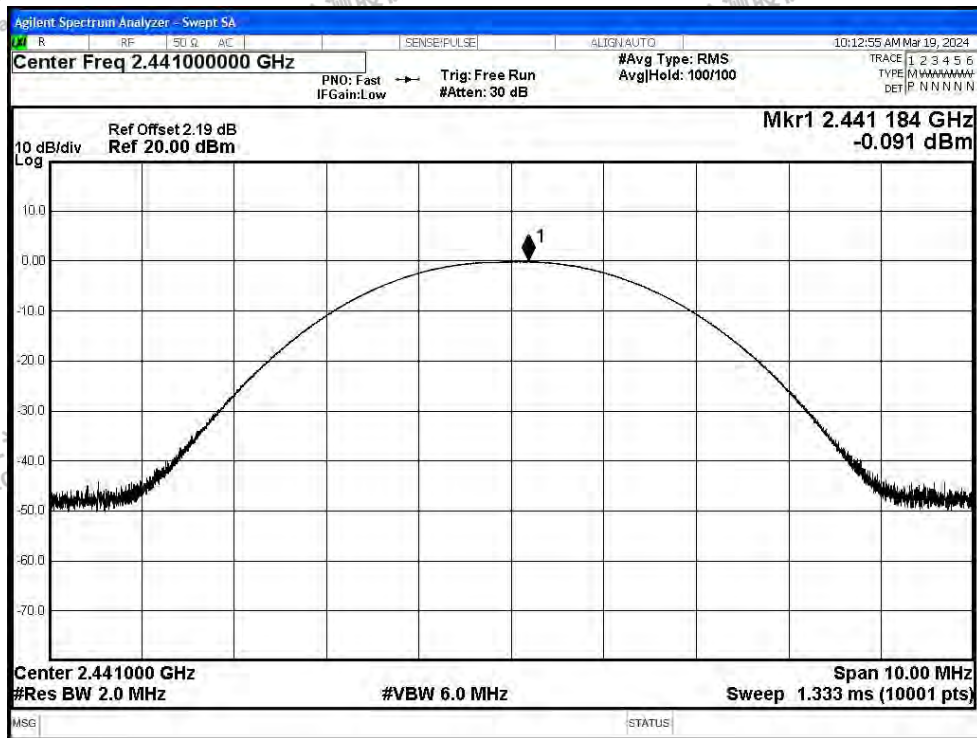


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

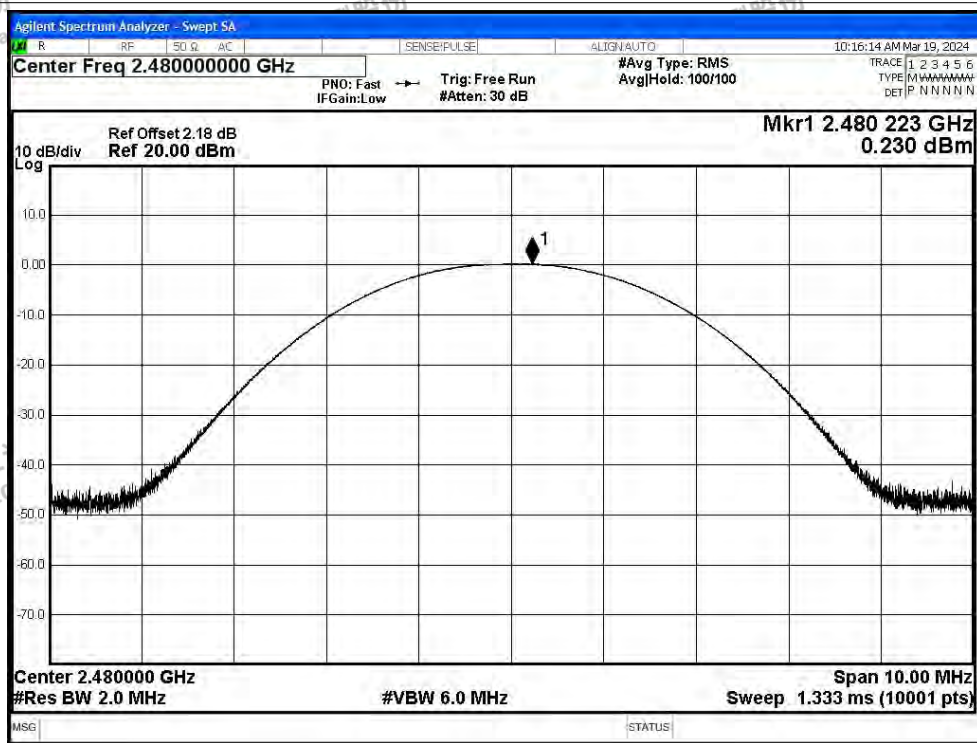


Power NVNT 1-DH5 2441MHz Ant1

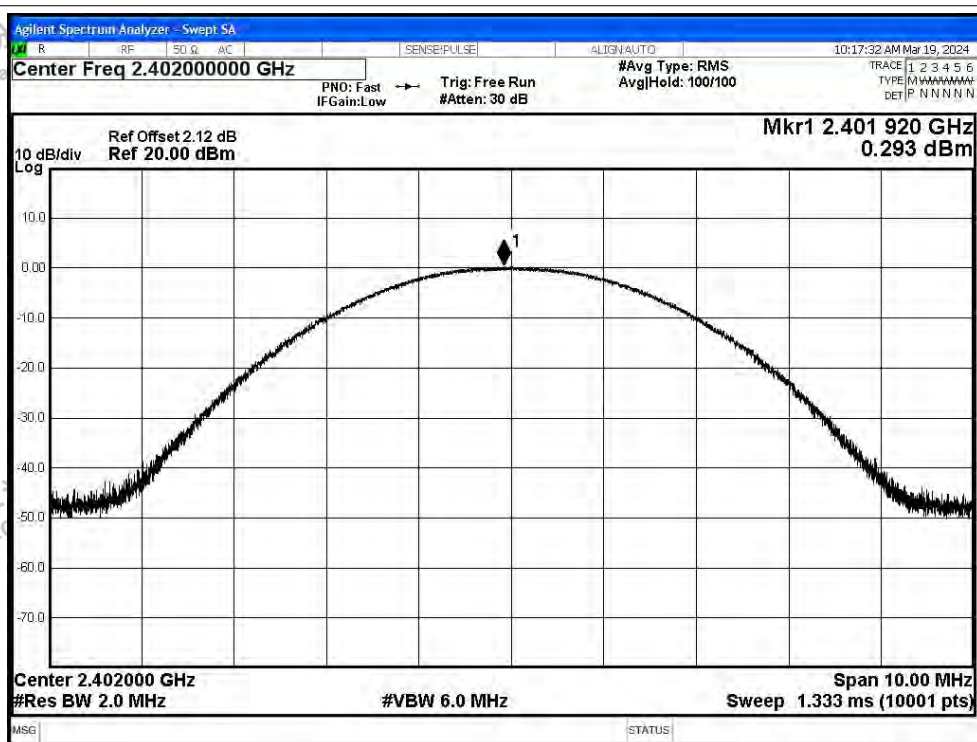




Power NVNT 1-DH5 2480MHz Ant1

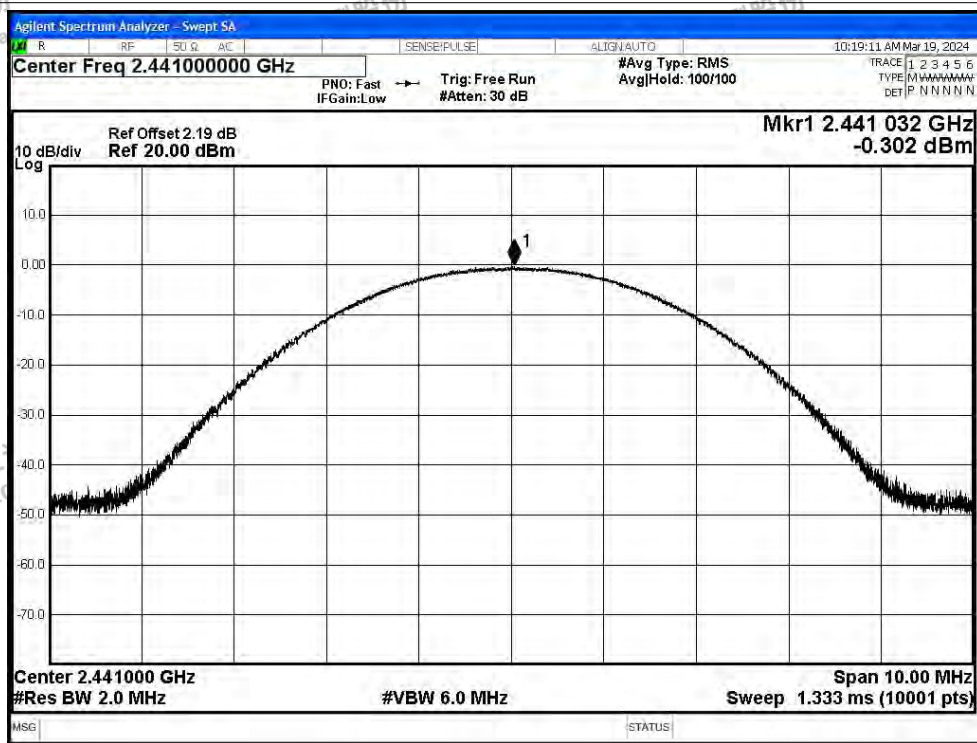


Power NVNT 2-DH5 2402MHz Ant1

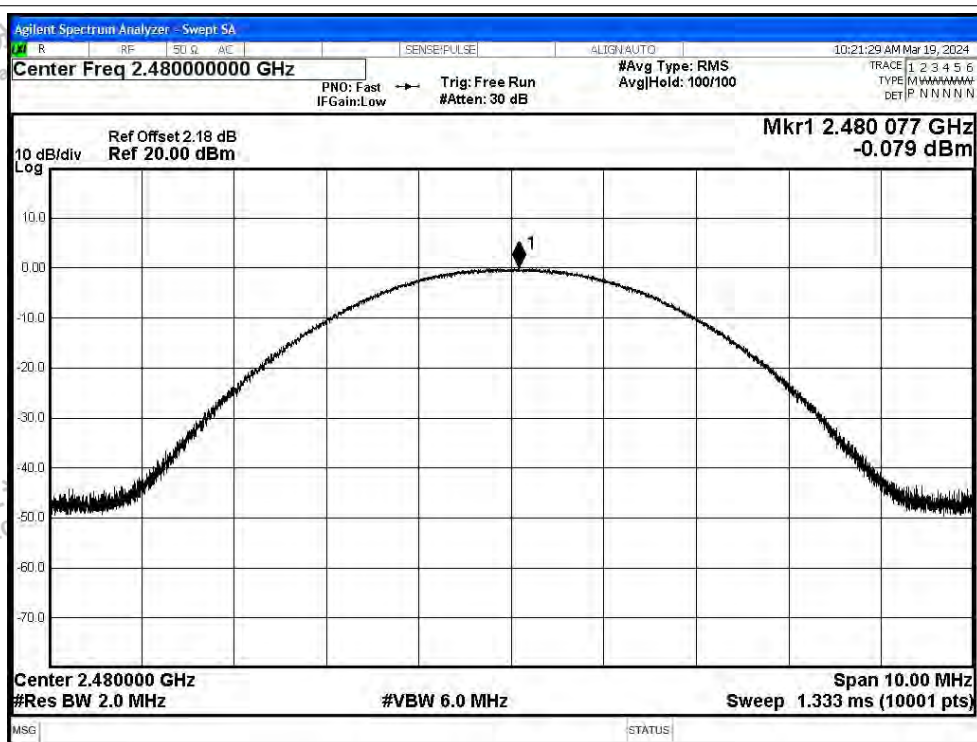




Power NVNT 2-DH5 2441MHz Ant1

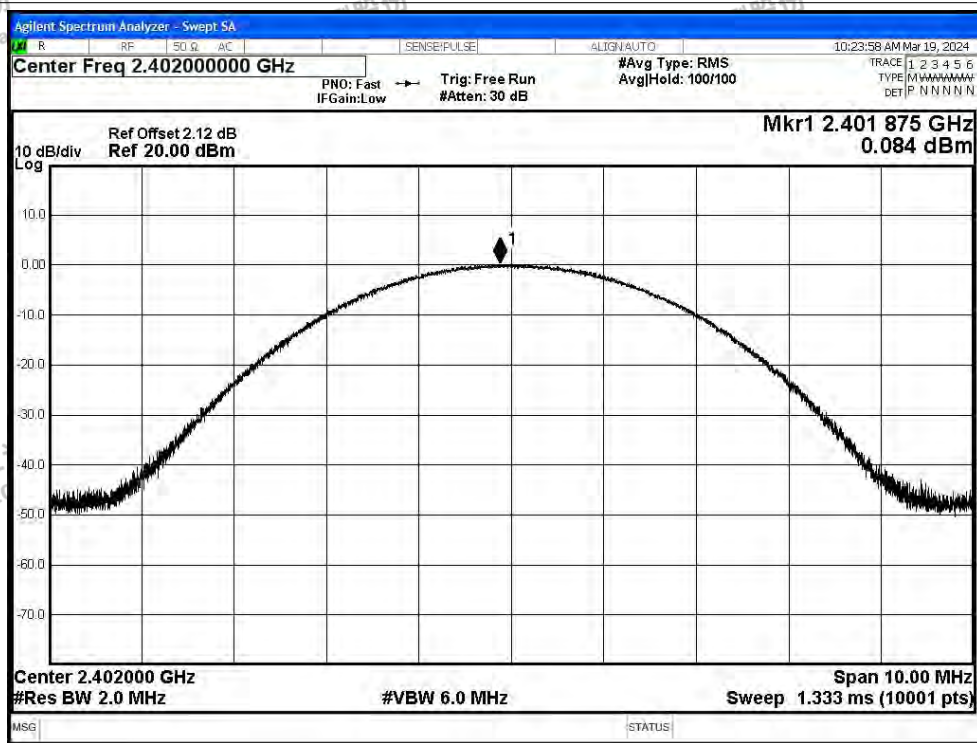


Power NVNT 2-DH5 2480MHz Ant1

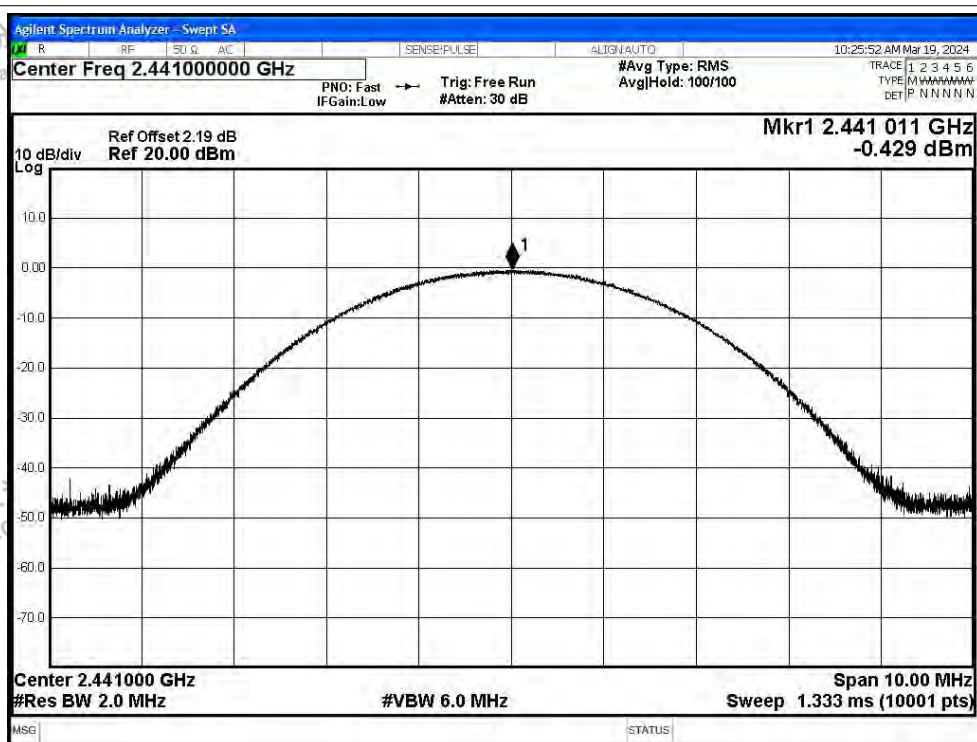


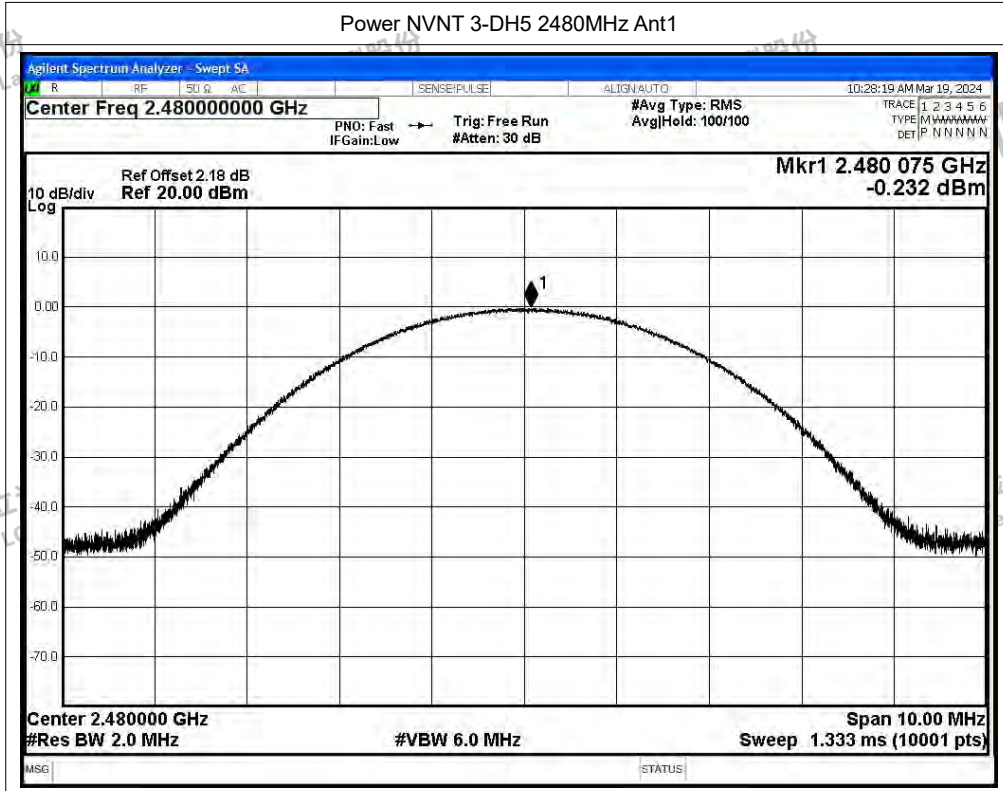


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1







A.3 Carrier Frequencies Separation

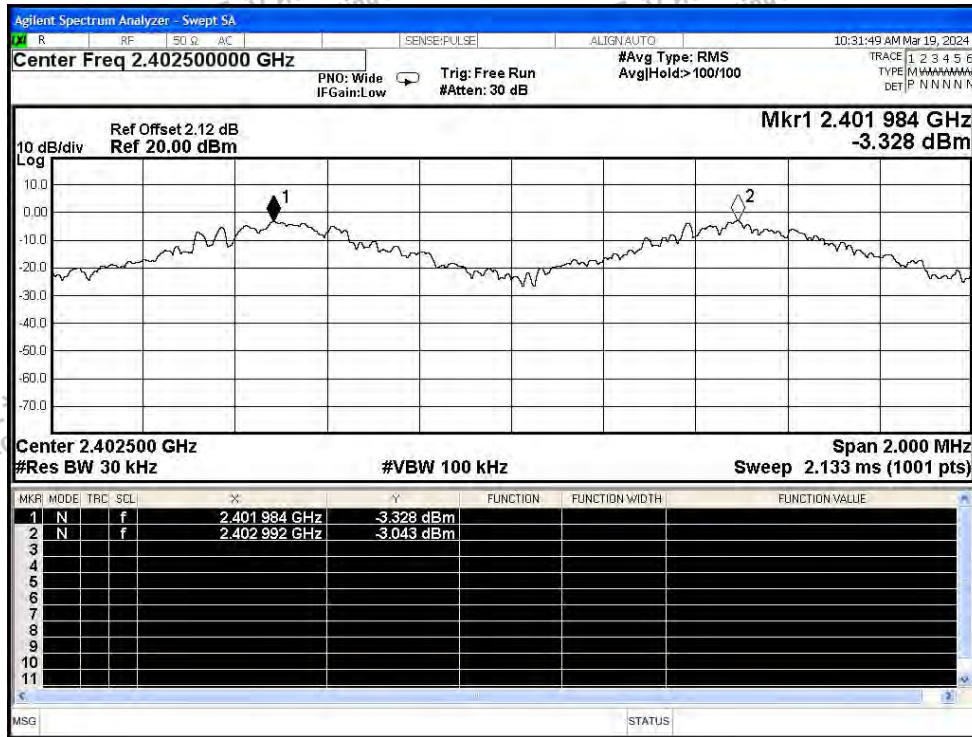
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.984	2402.992	1.008	0.694	Pass
NVNT	2-DH5	Ant1	2401.822	2403.162	1.34	0.87	Pass
NVNT	3-DH5	Ant1	2402.16	2403.154	0.994	0.888	Pass



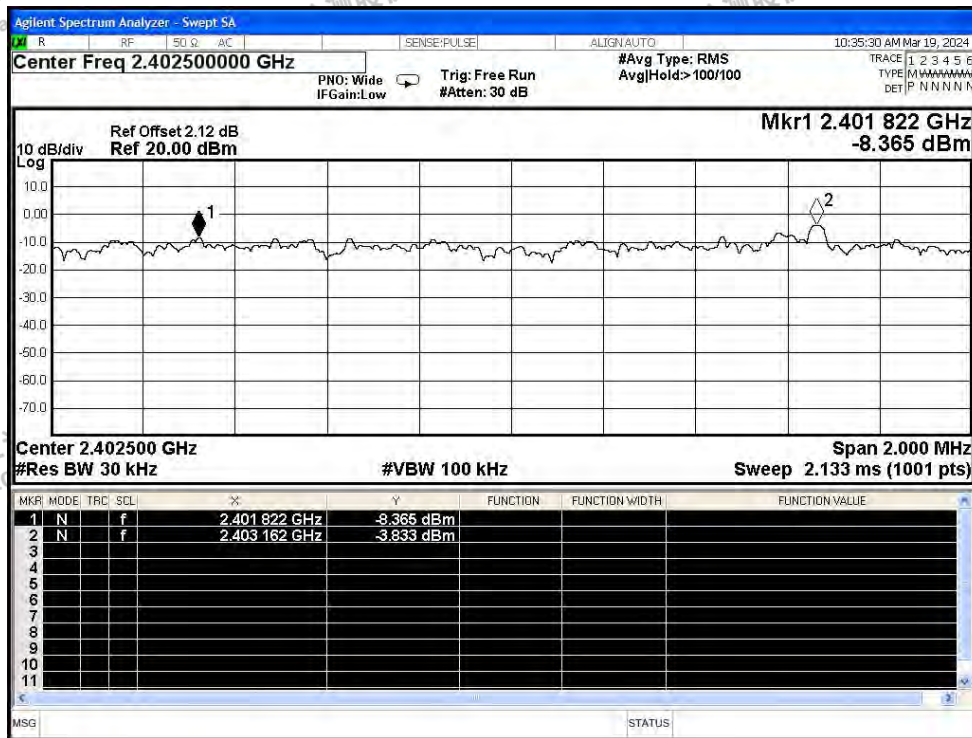


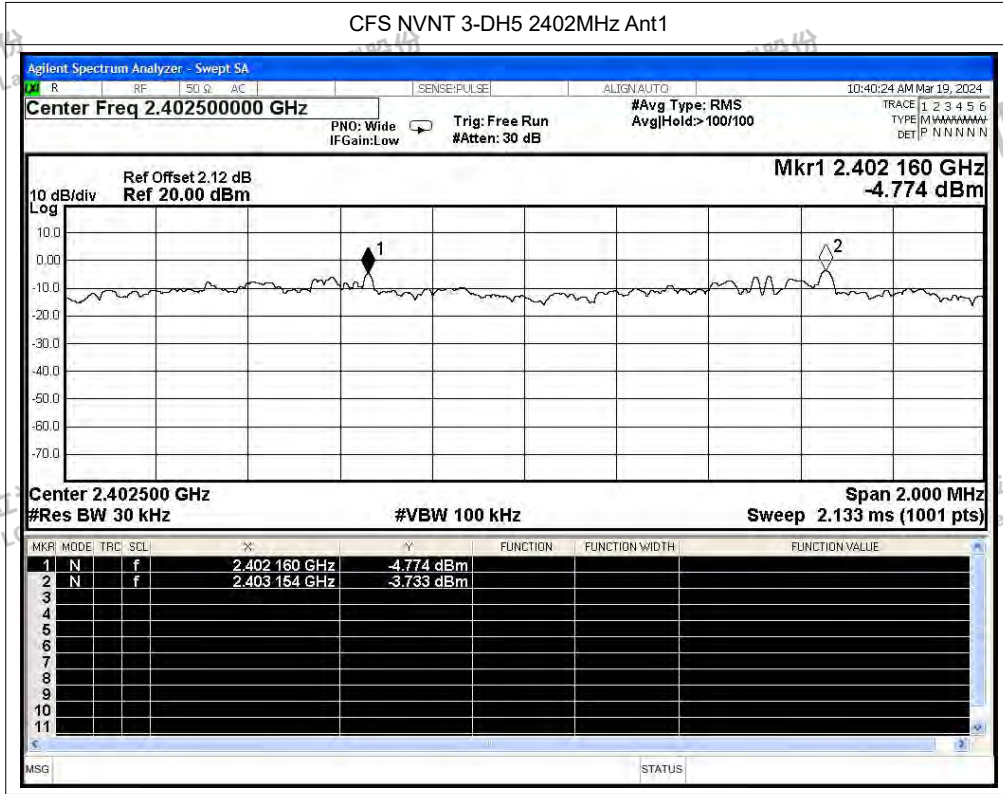
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1







A.4 Dwell Time

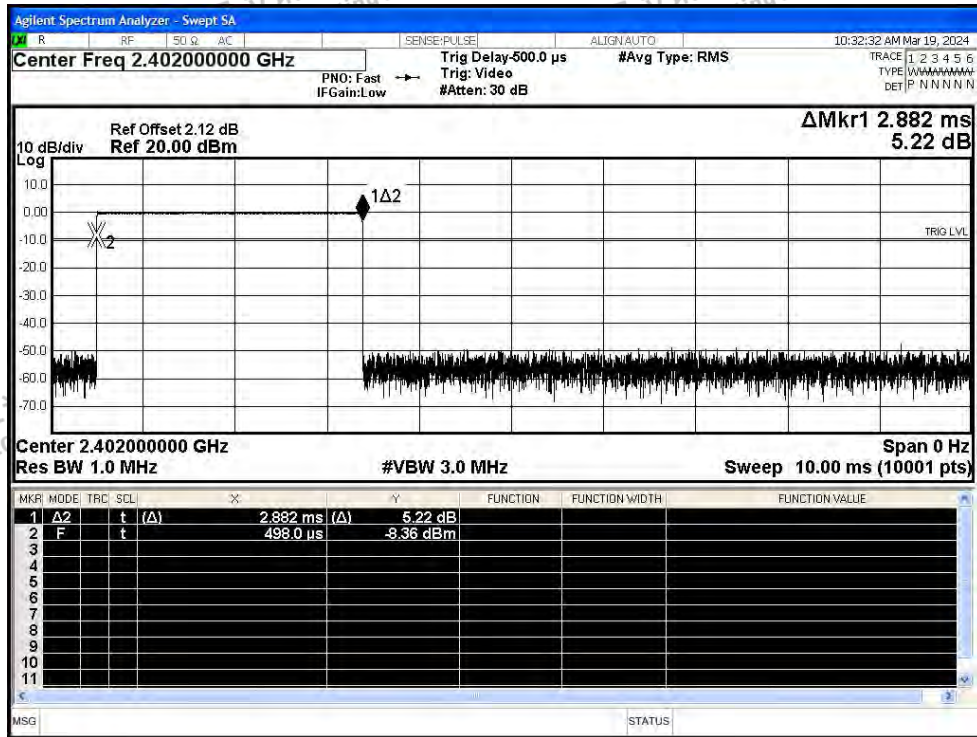
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	282.436	98	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	302.925	105	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	288.7	100	31600	400	Pass



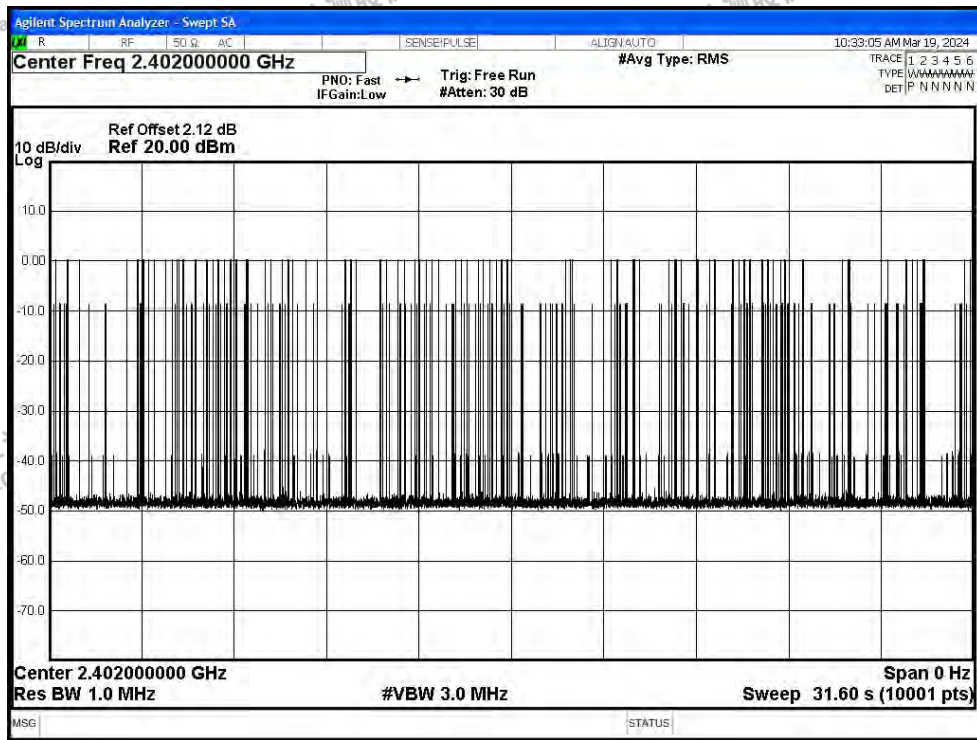


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

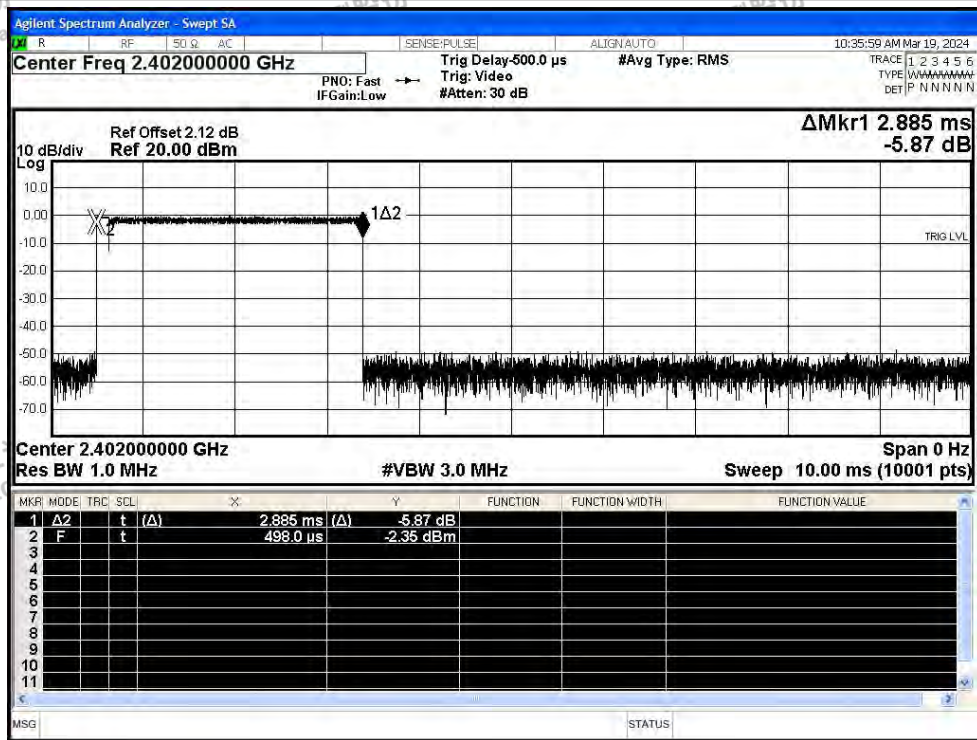


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

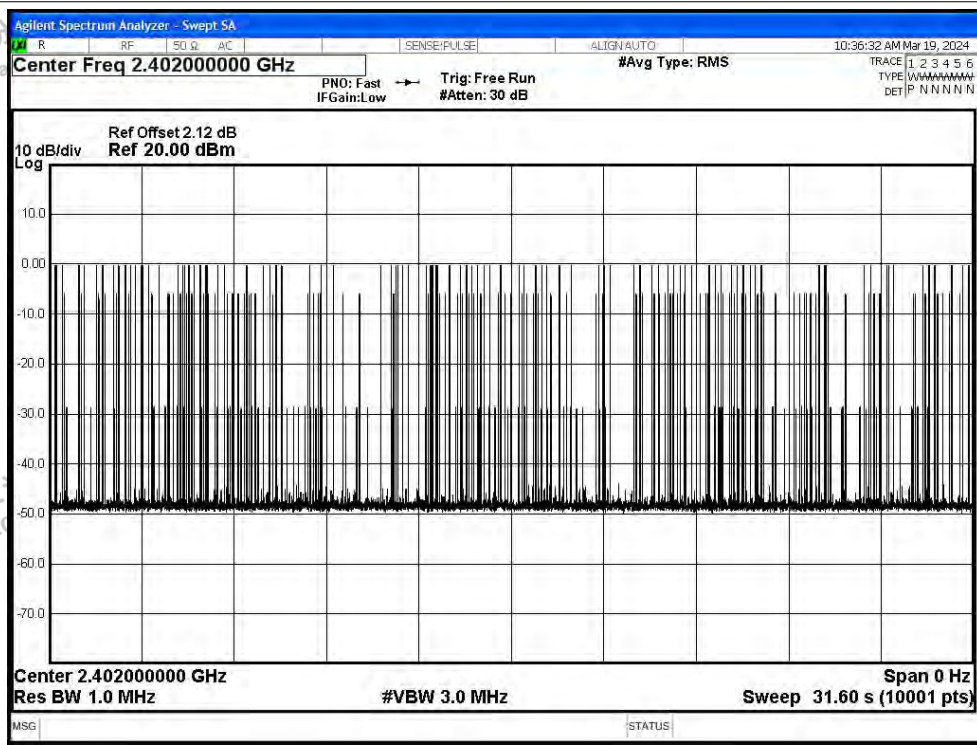




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

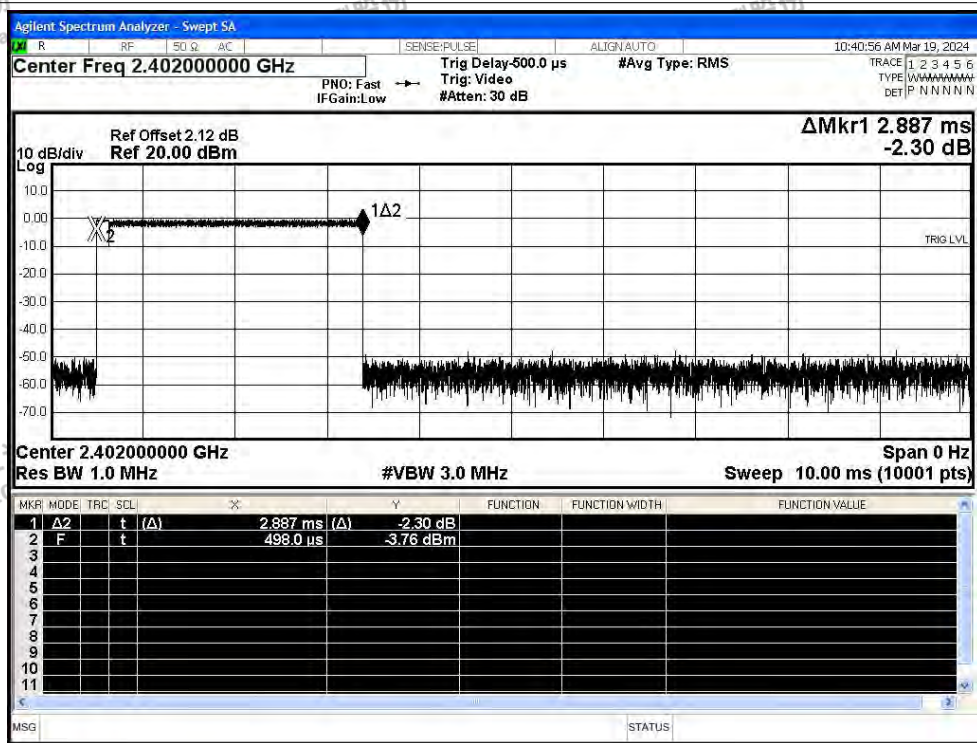


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

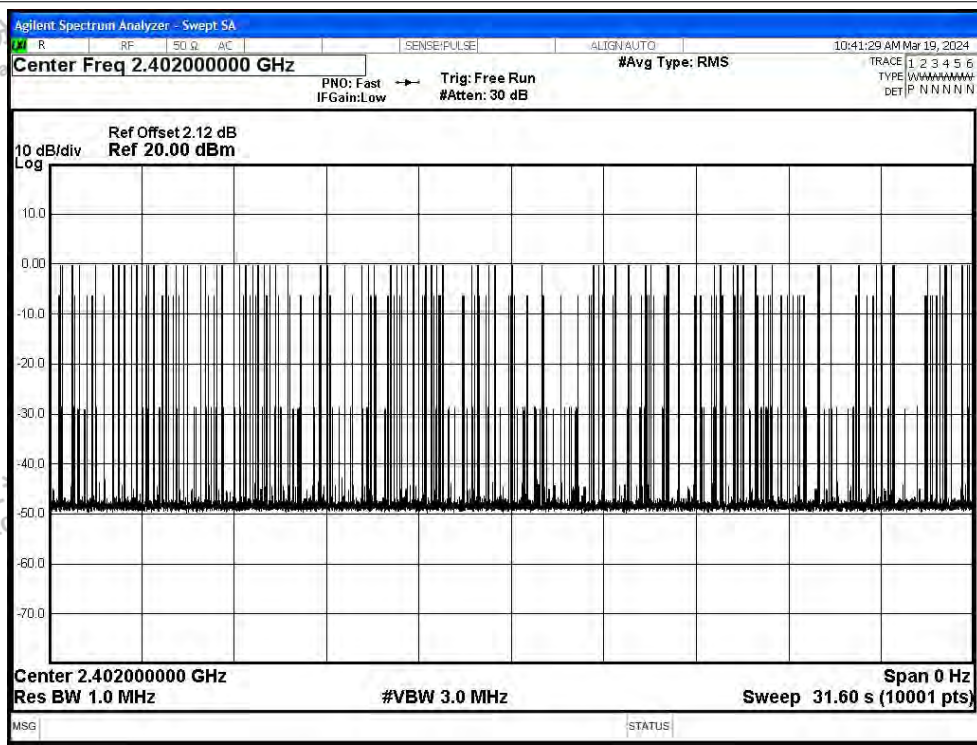




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





A.5 Number of Hopping Channel

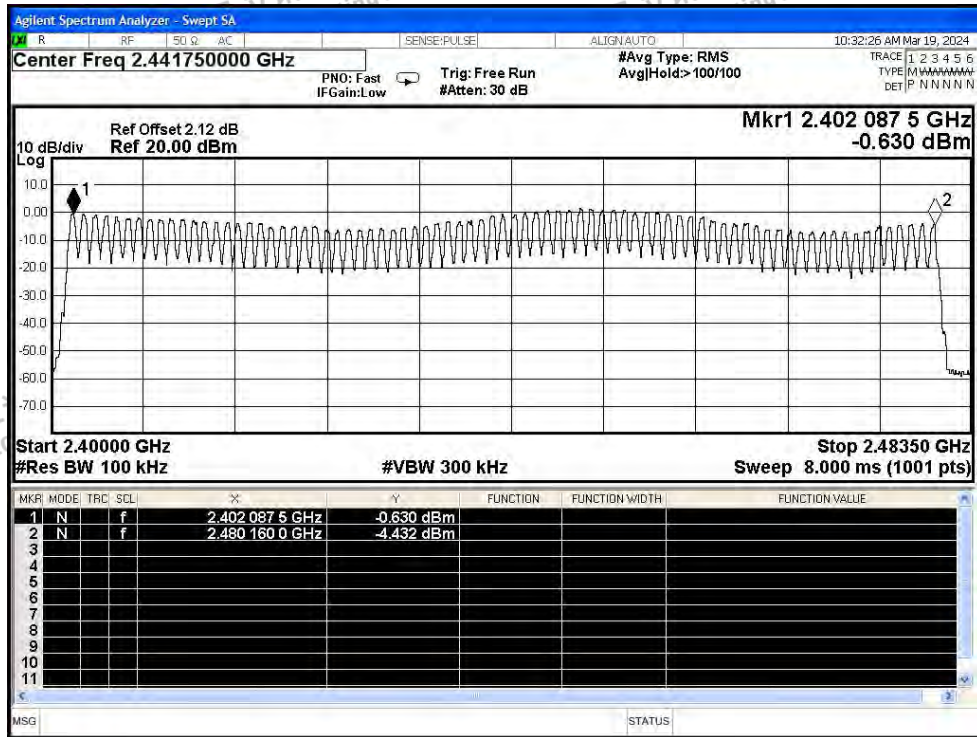
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



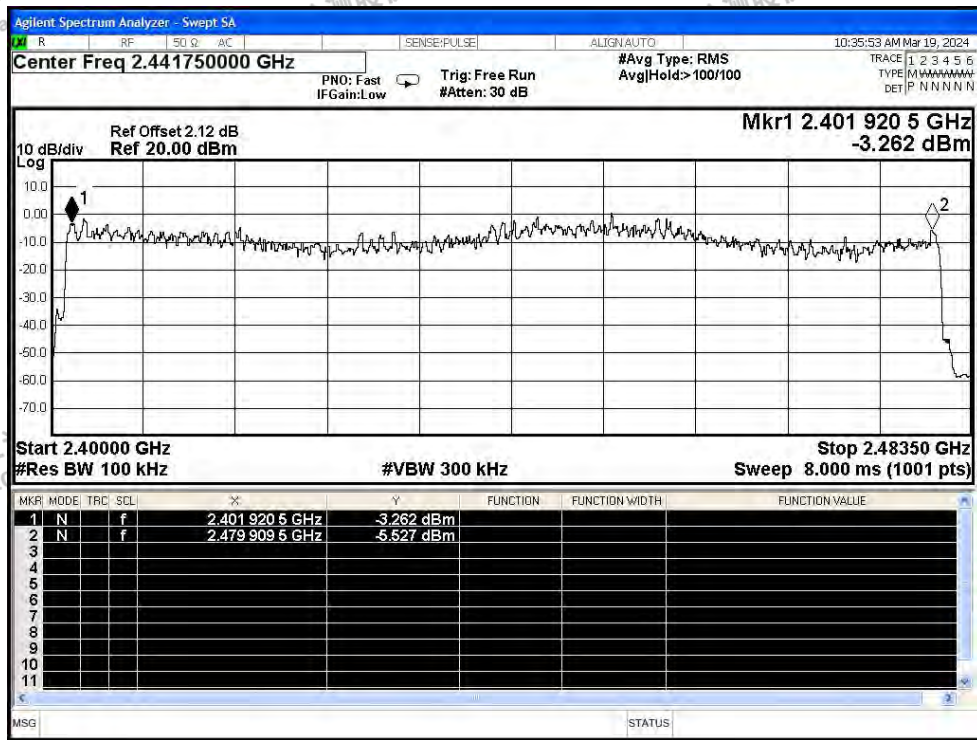


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

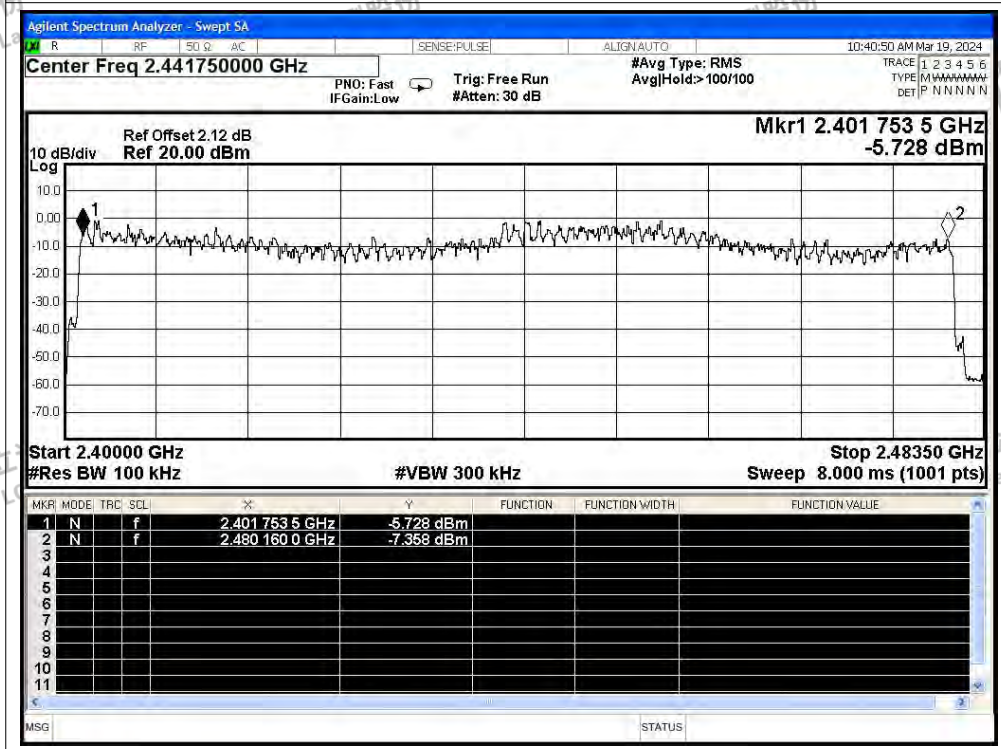


Hopping No. NVNT 2-DH5 2402MHz Ant1





Hopping No. NVNT 3-DH5 2402MHz Ant1





A.6 Band Edge

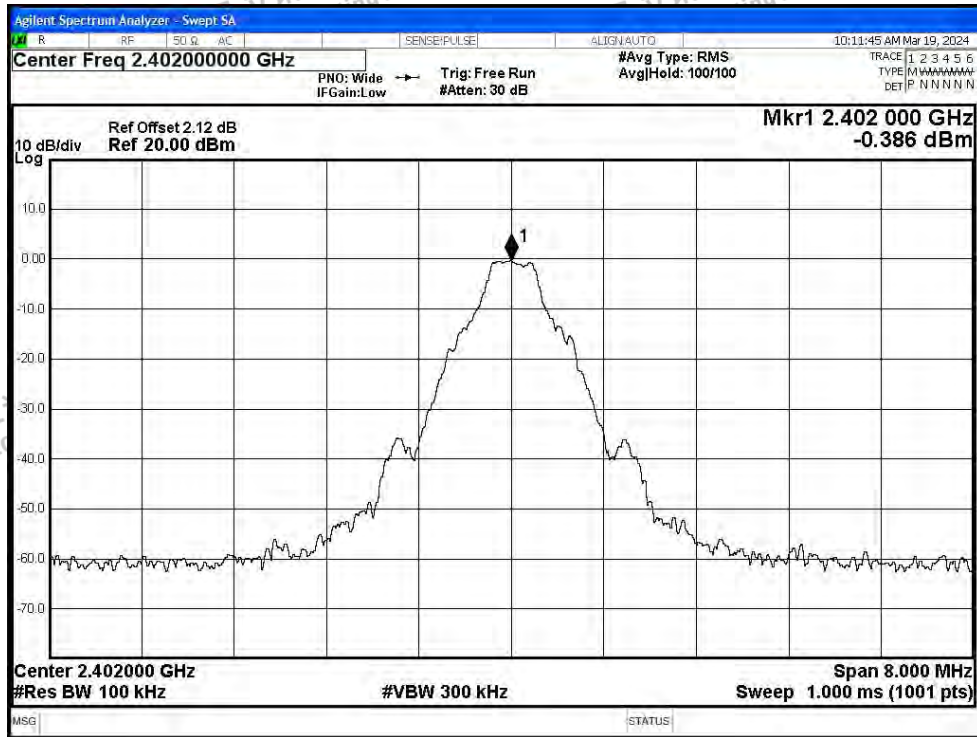
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.45	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-53.31	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-46.9	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.79	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-49.27	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.96	-20	Pass



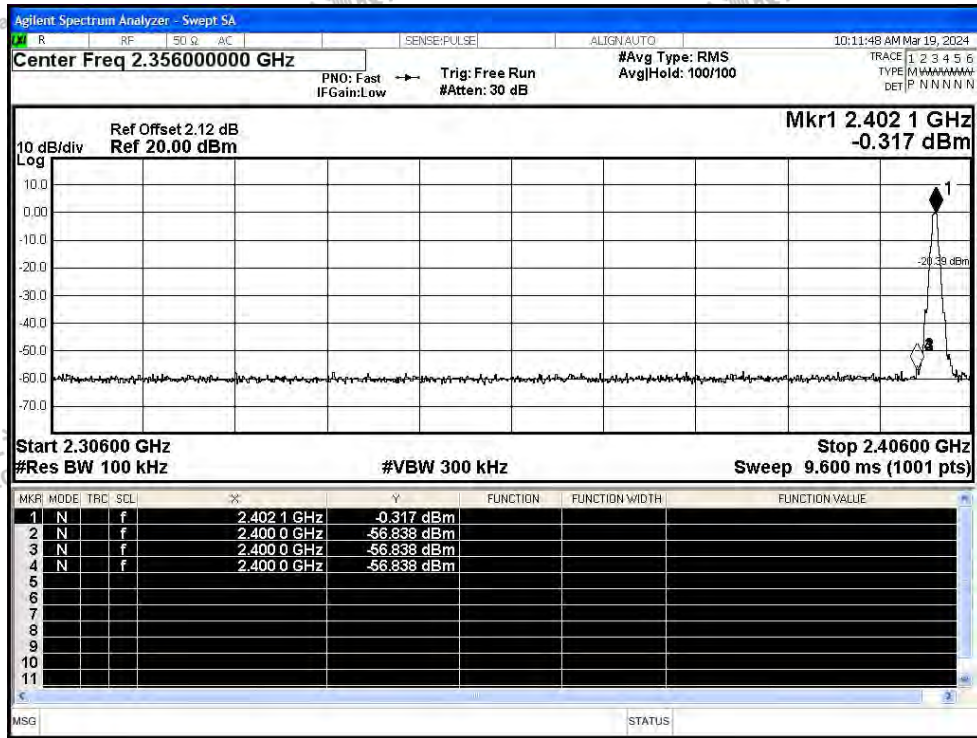


Test Graphs

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

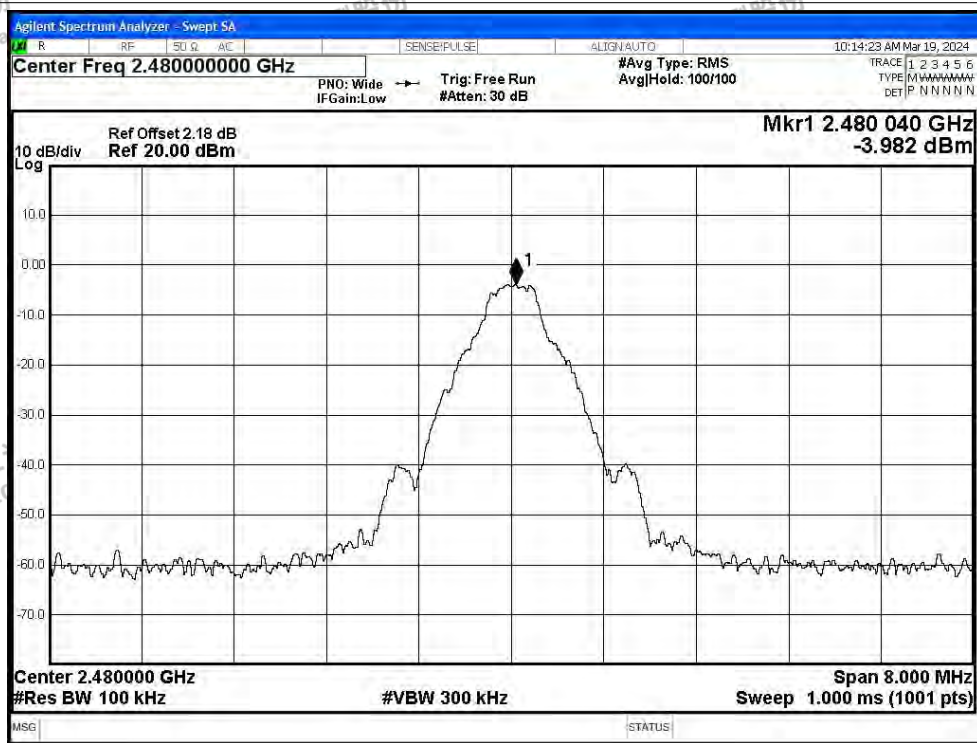


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

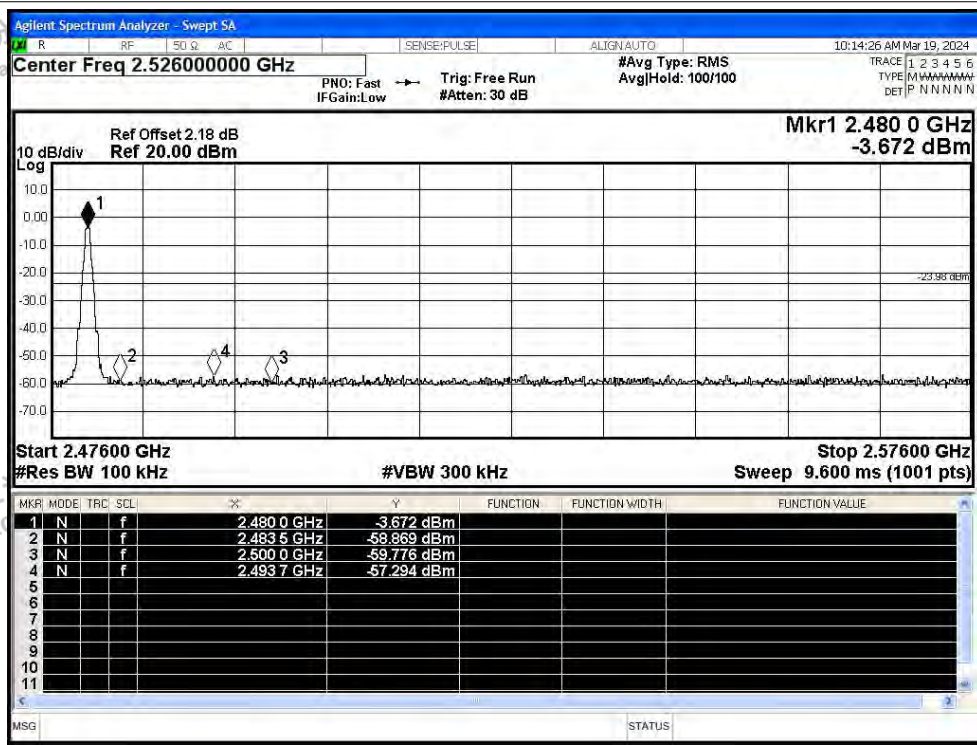




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

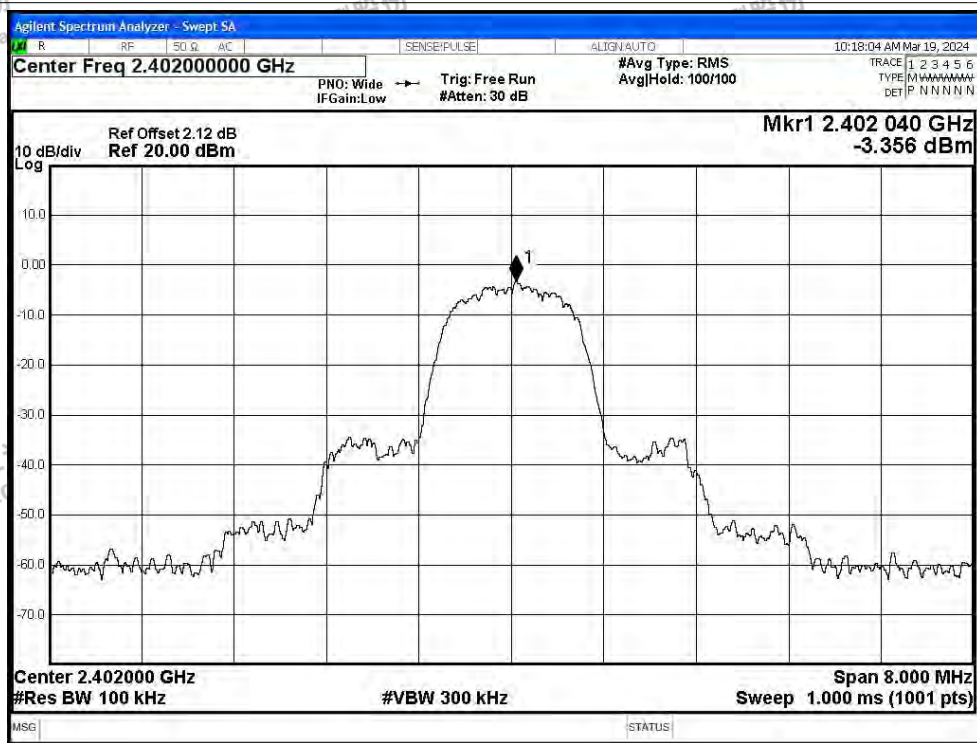


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

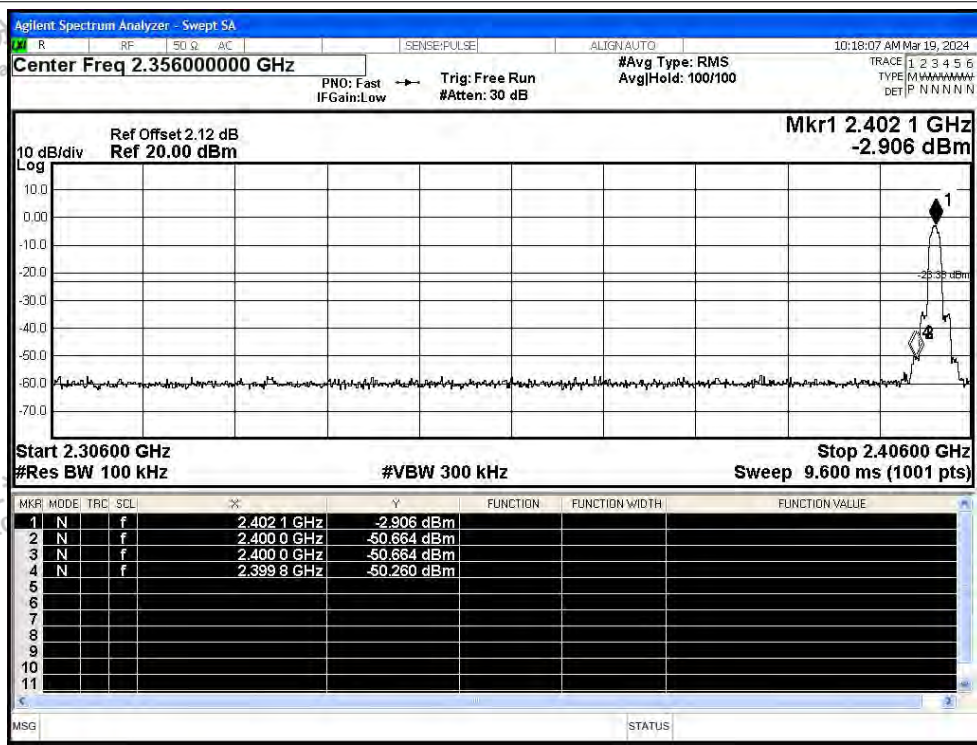




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

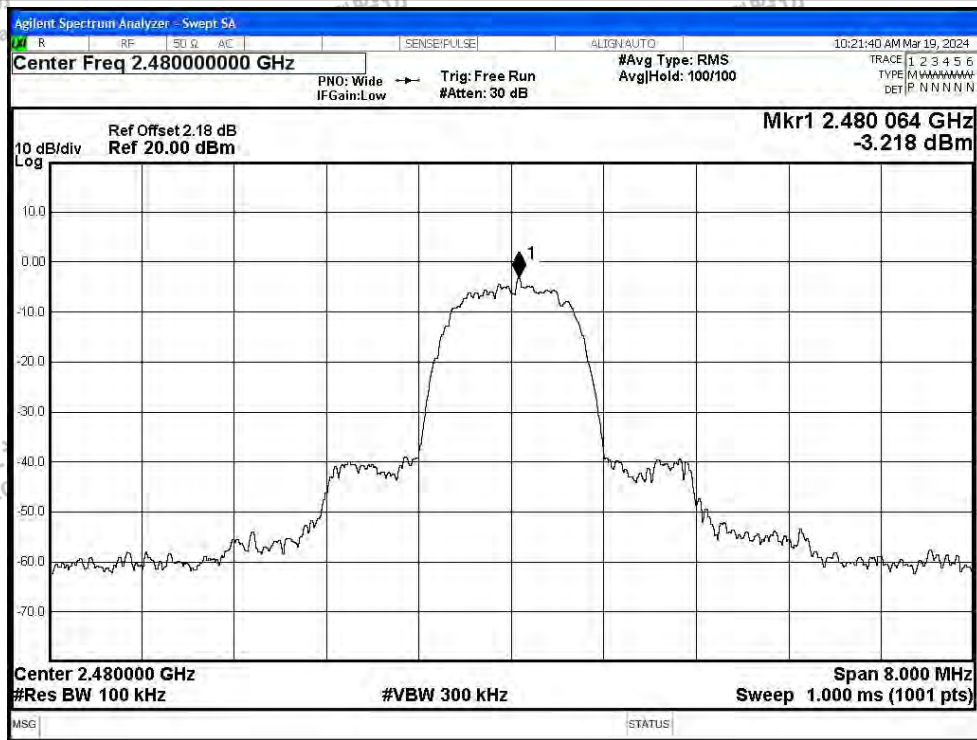


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

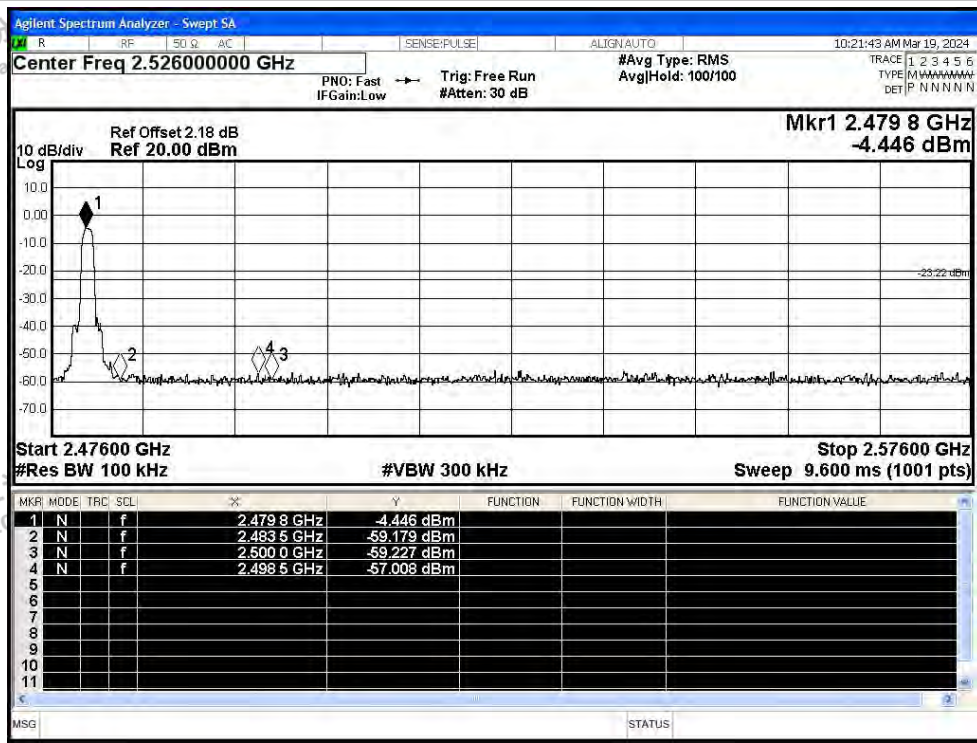




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

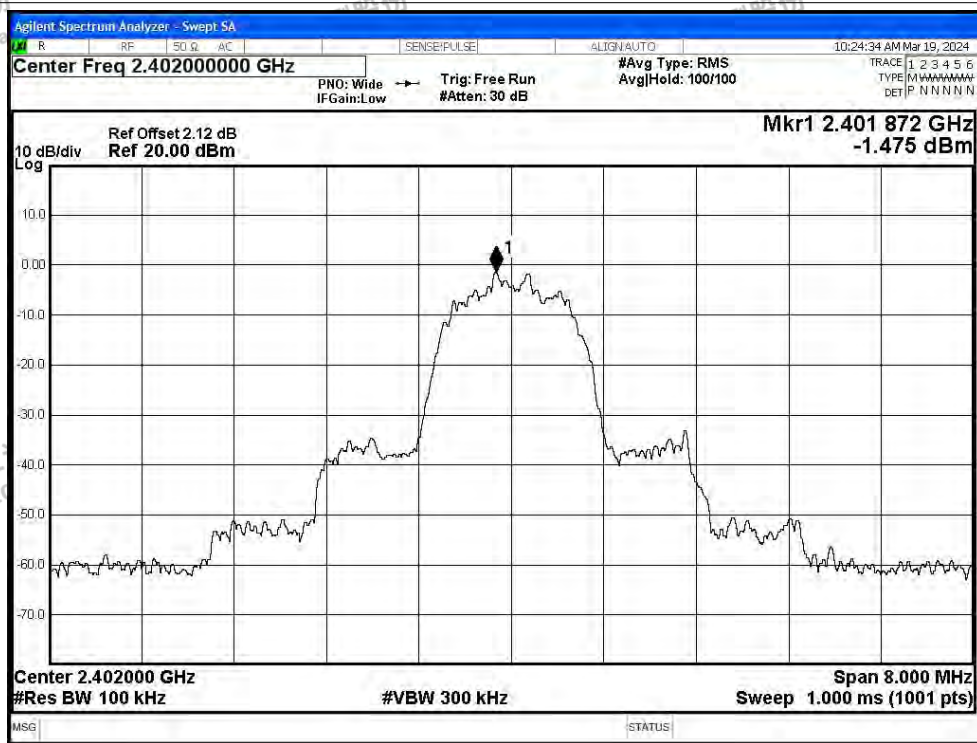


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

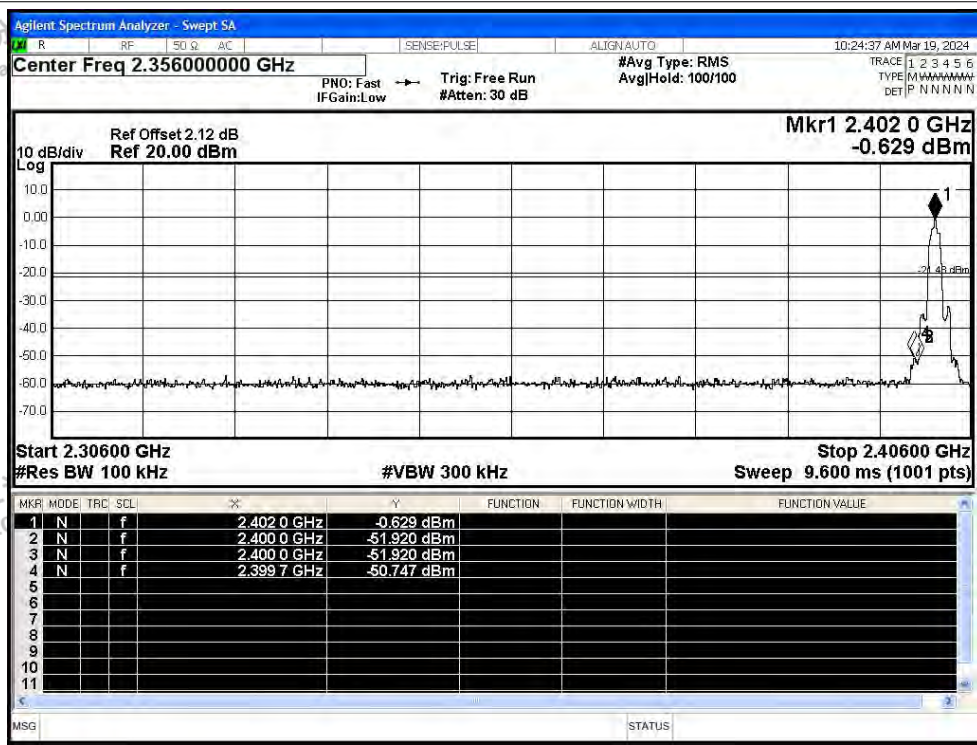




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

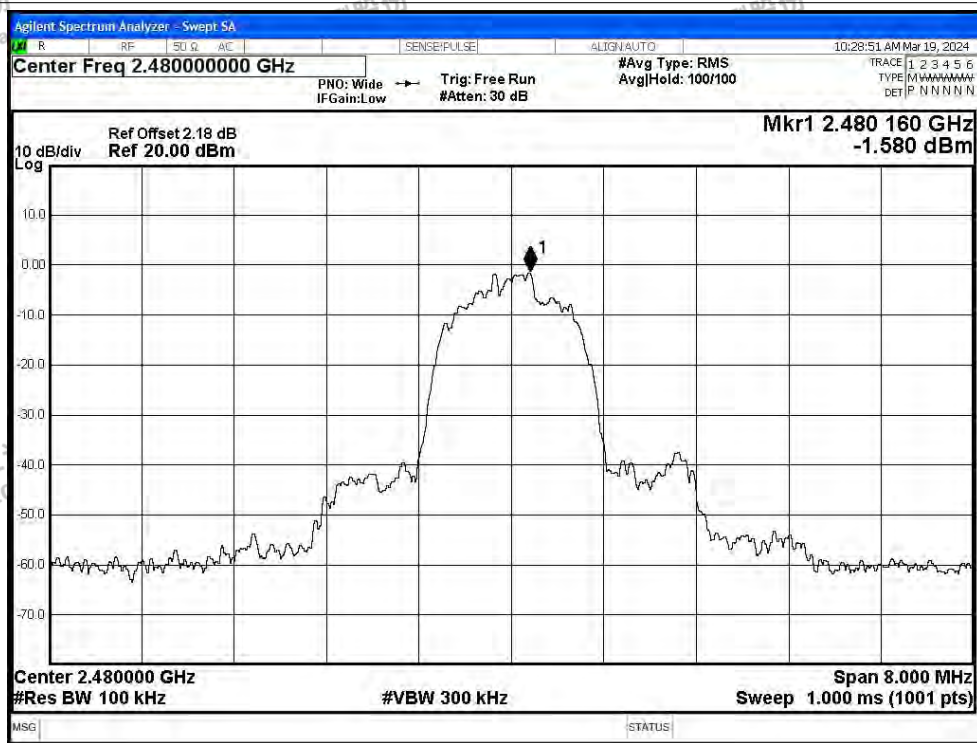


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

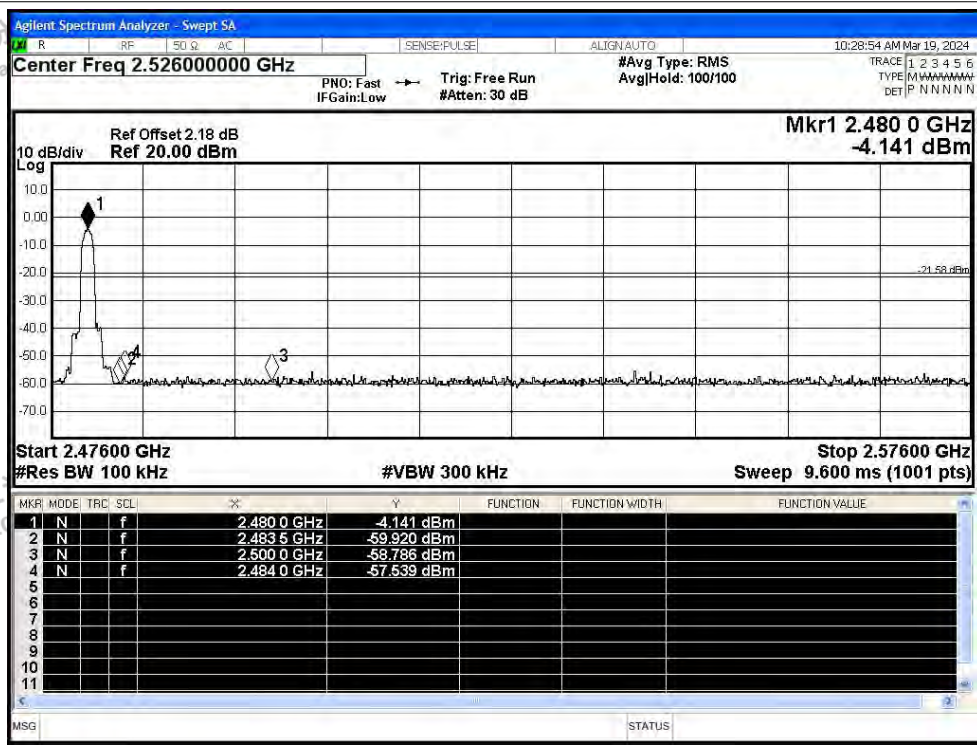




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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





(Hopping)

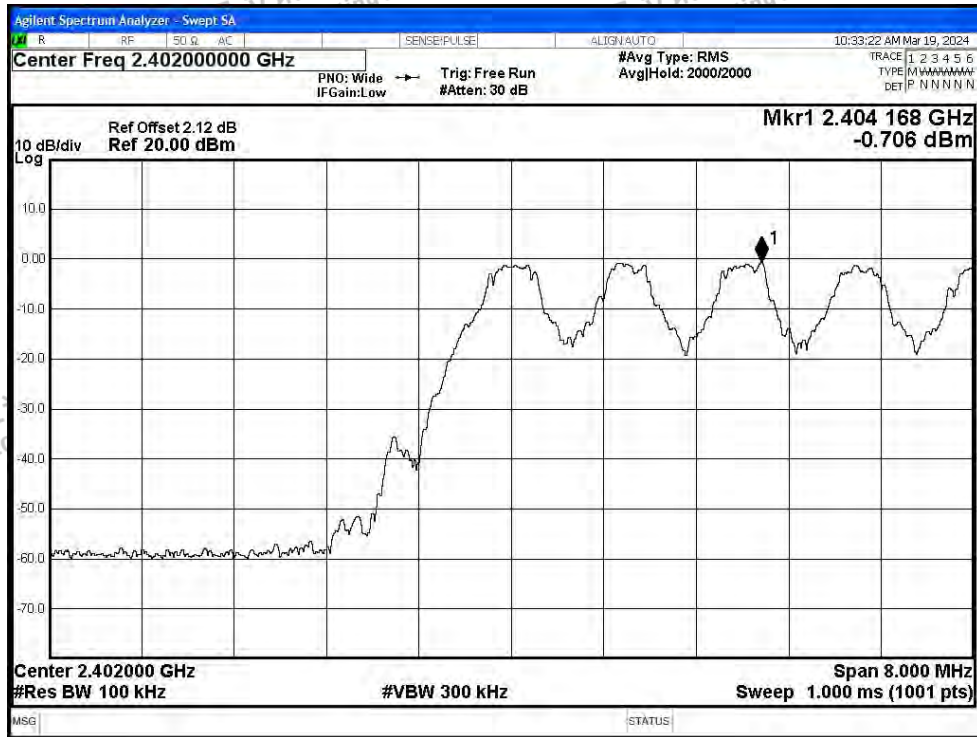
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.4	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-51.89	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-54.26	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-50.42	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.01	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-50.53	-20	Pass



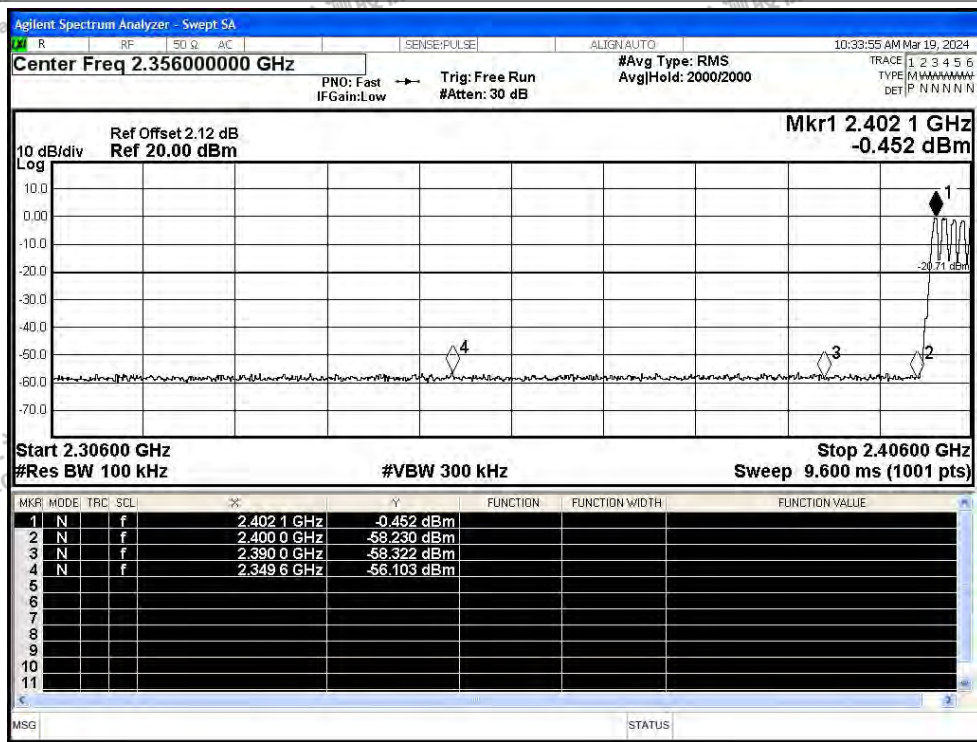


Test Graphs

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

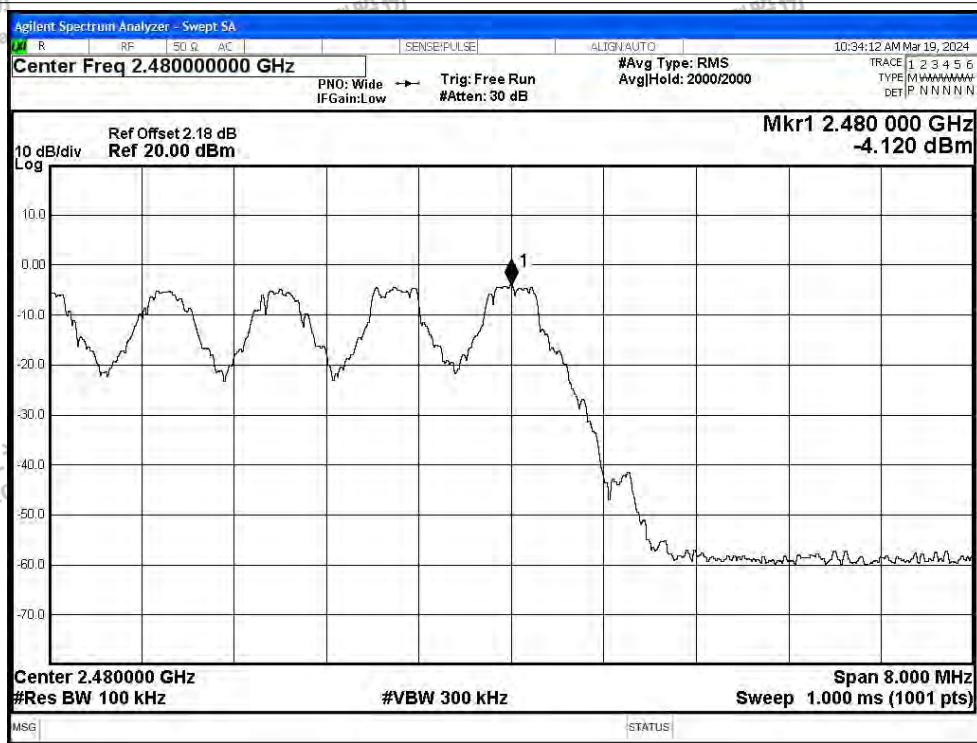


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

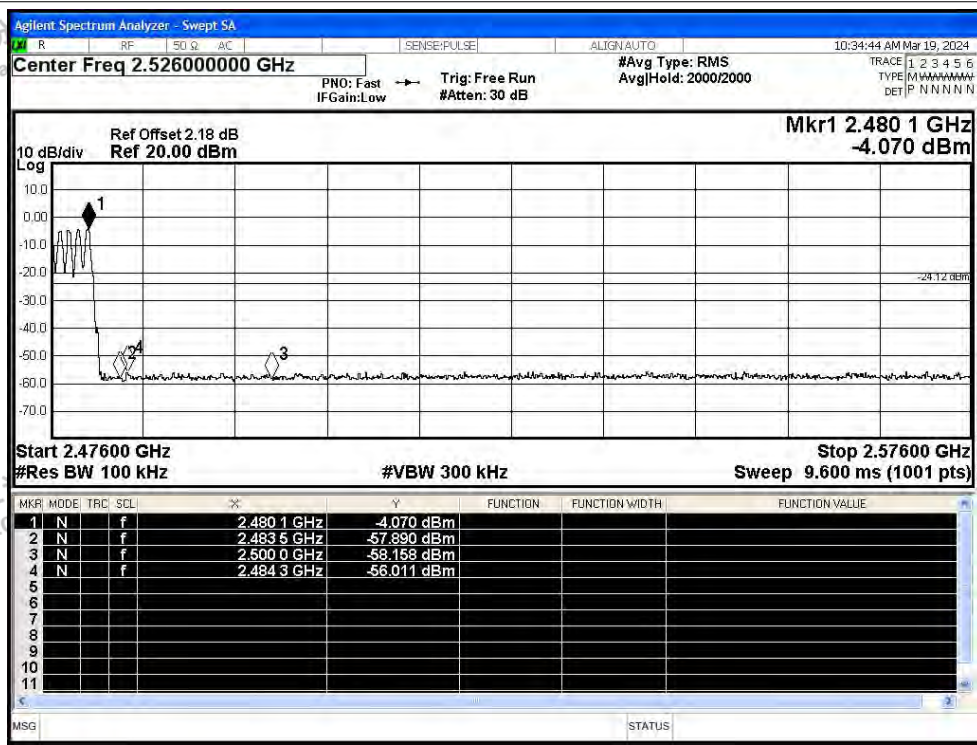




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



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

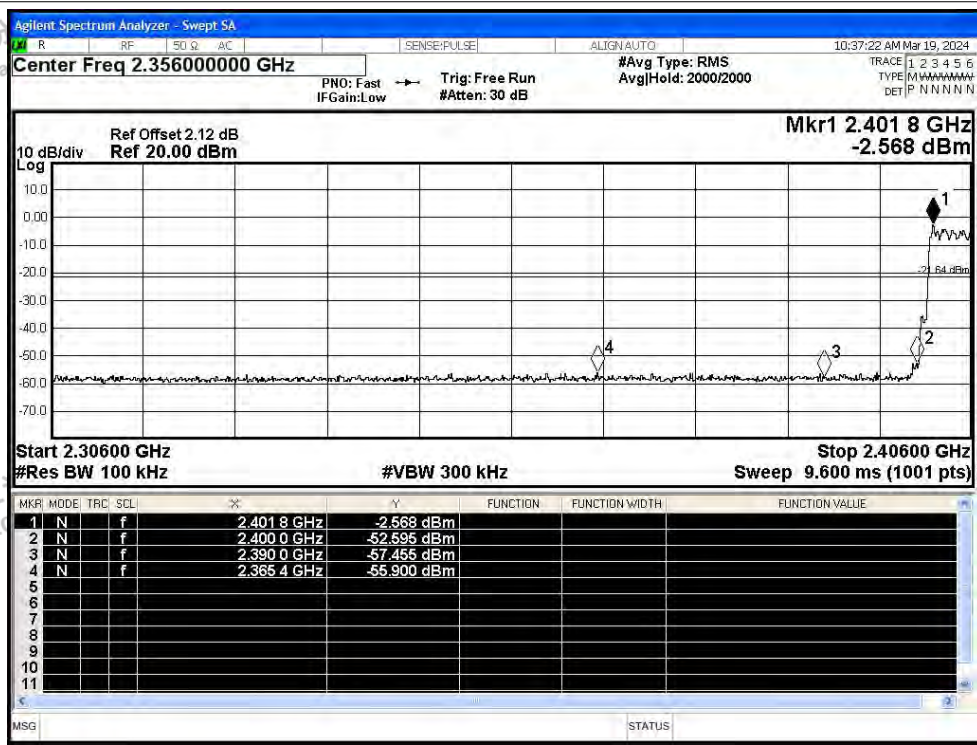




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

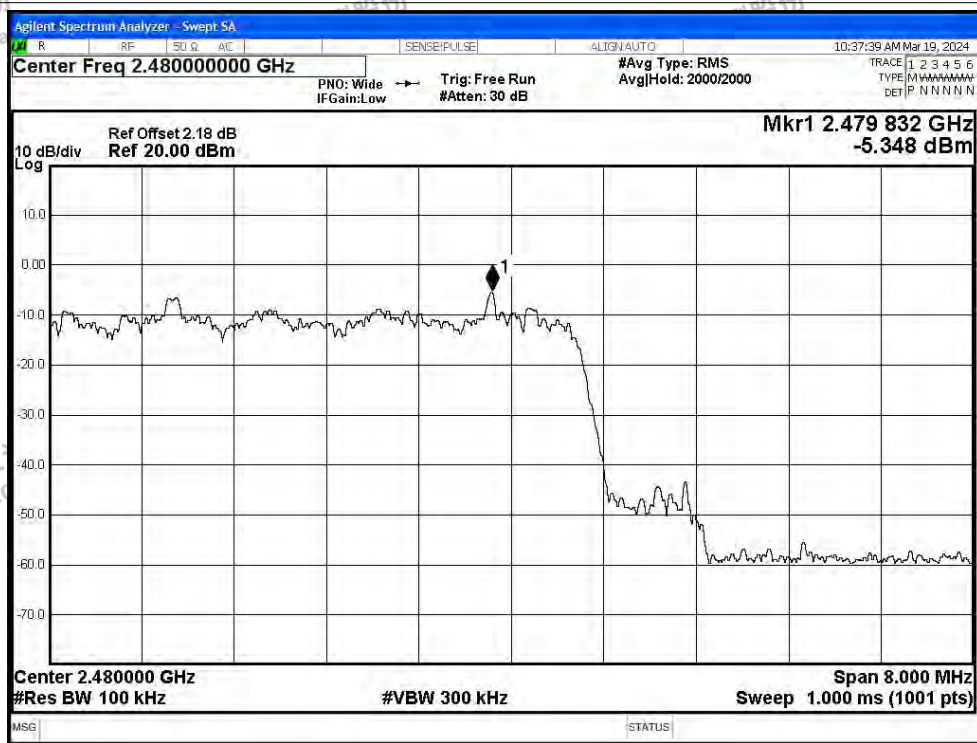


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

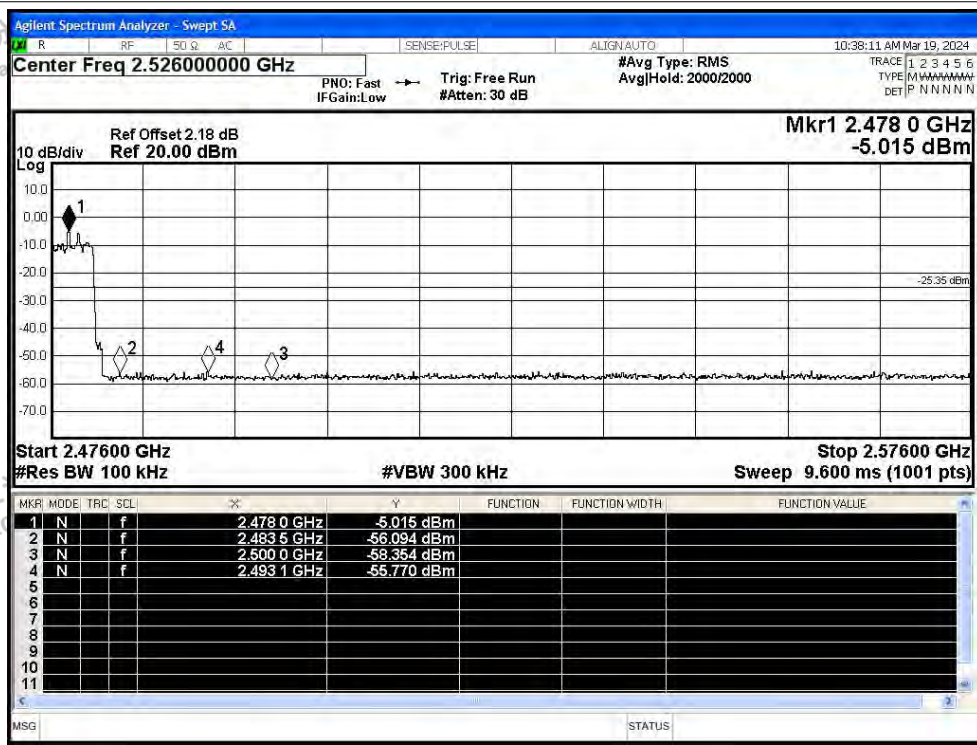




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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

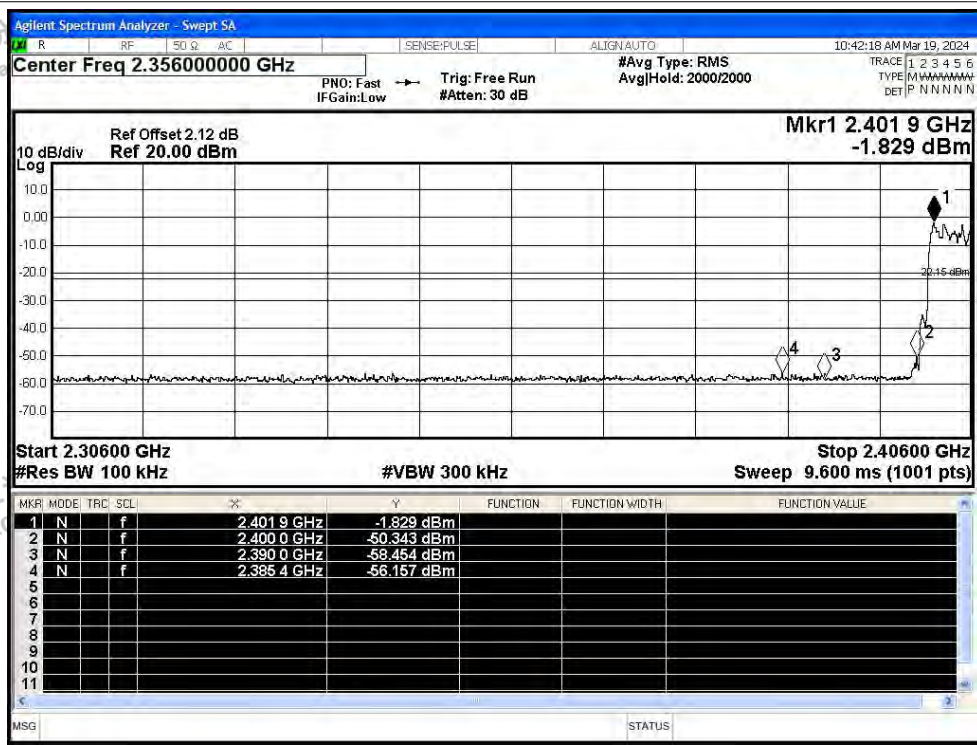




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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

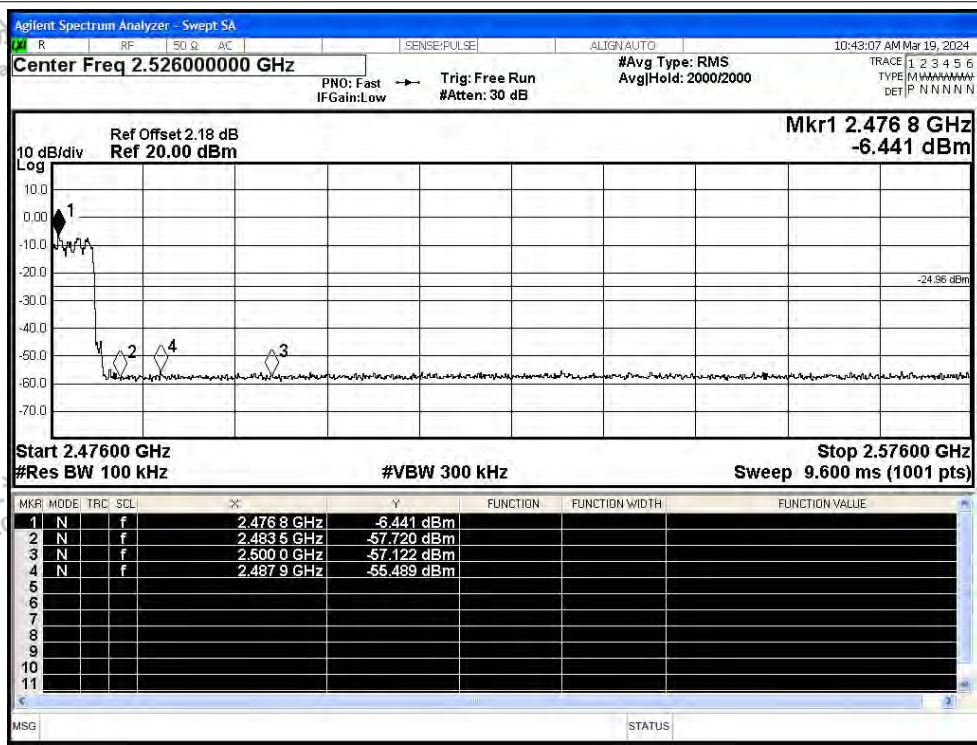




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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





A.7 Conducted RF Spurious Emission

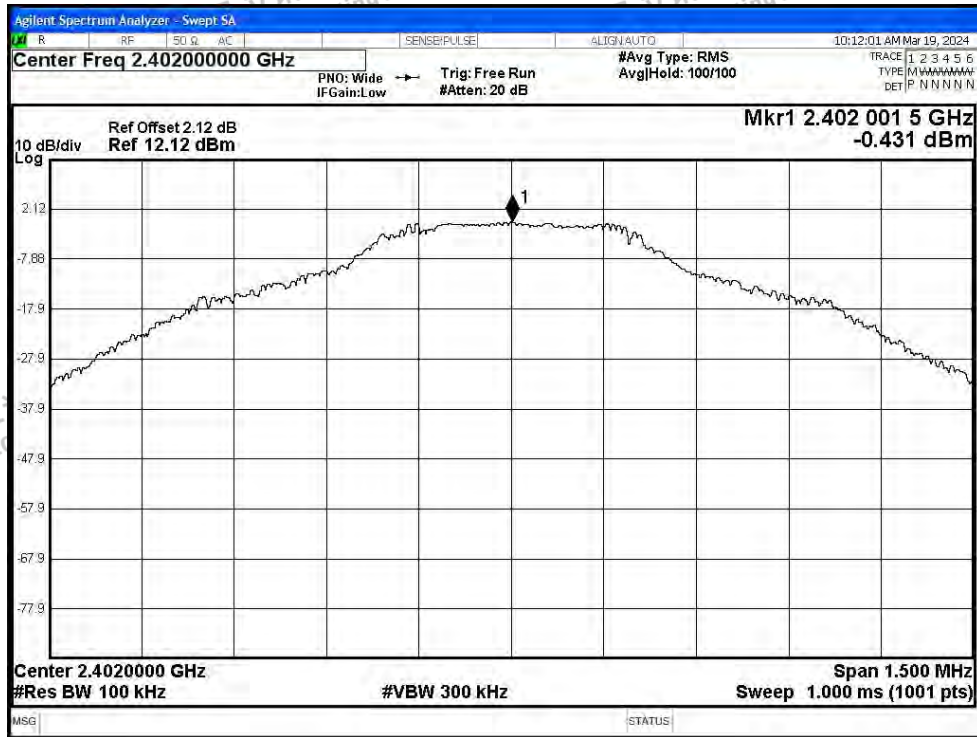
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.39	-20	Pass
NVNT	1-DH5	2441	Ant1	-55.07	-20	Pass
NVNT	1-DH5	2480	Ant1	-51.79	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.61	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.19	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.8	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.13	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.13	-20	Pass
NVNT	3-DH5	2480	Ant1	-54.2	-20	Pass



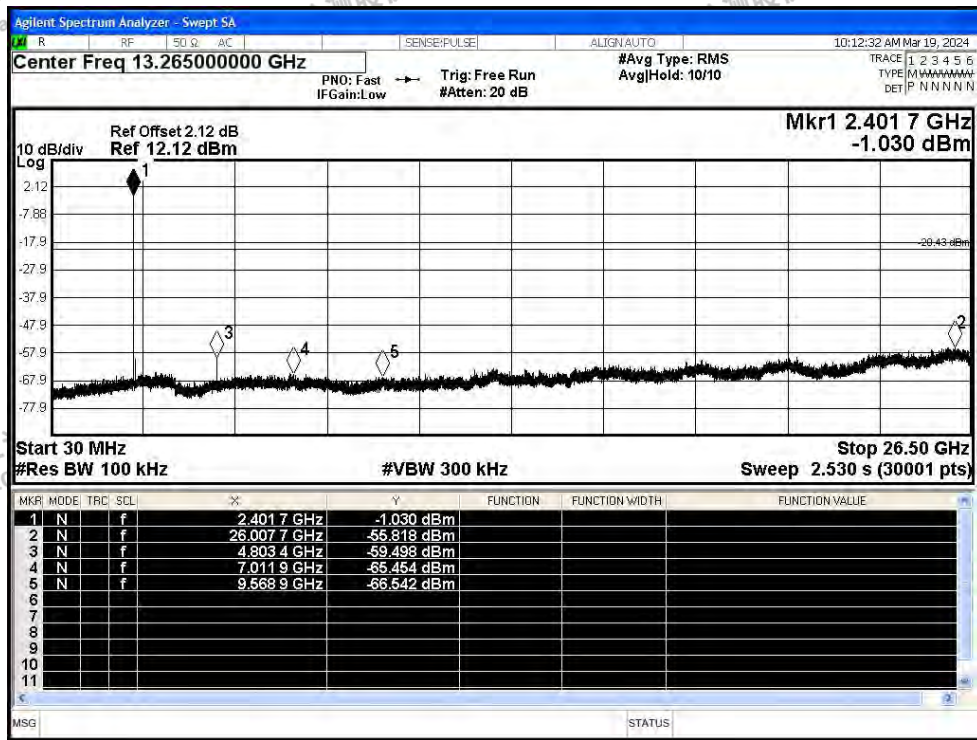


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

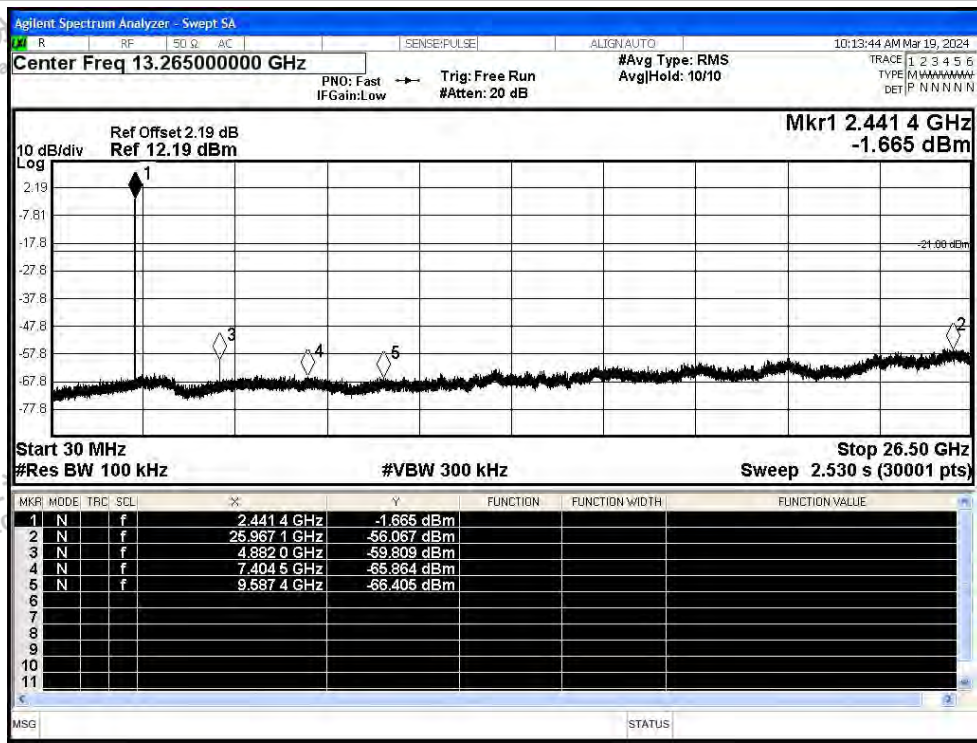




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

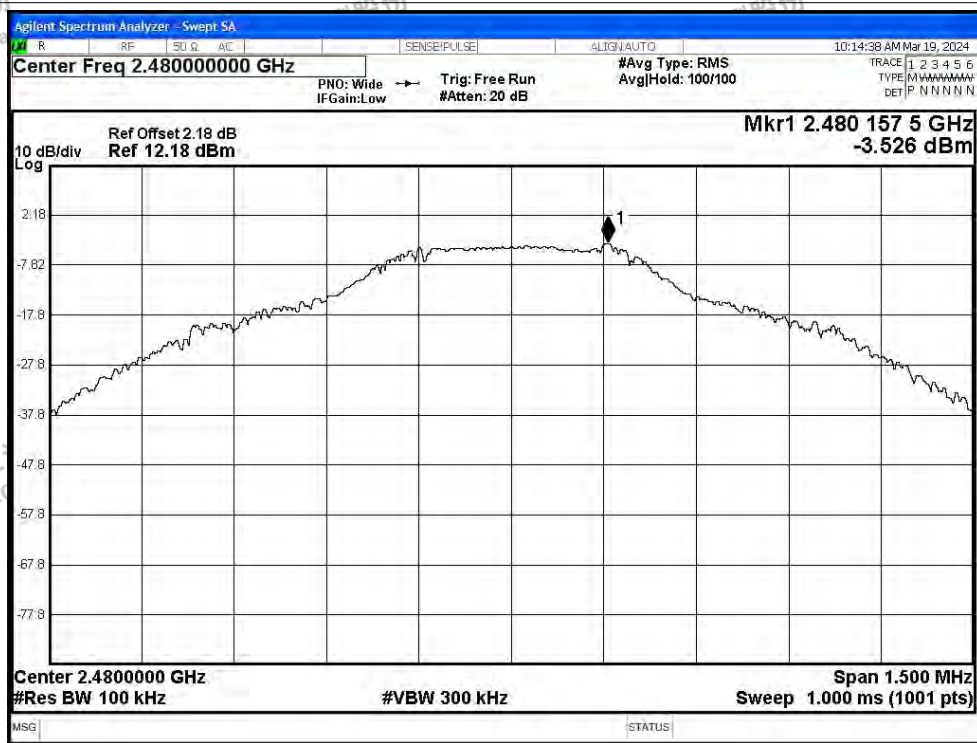


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

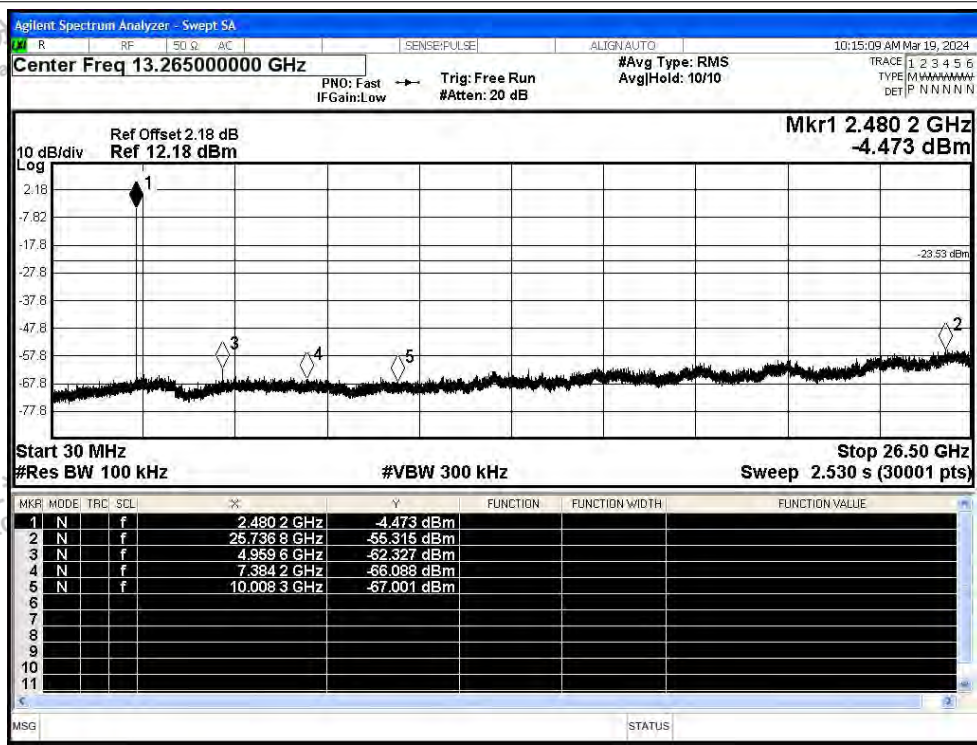




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

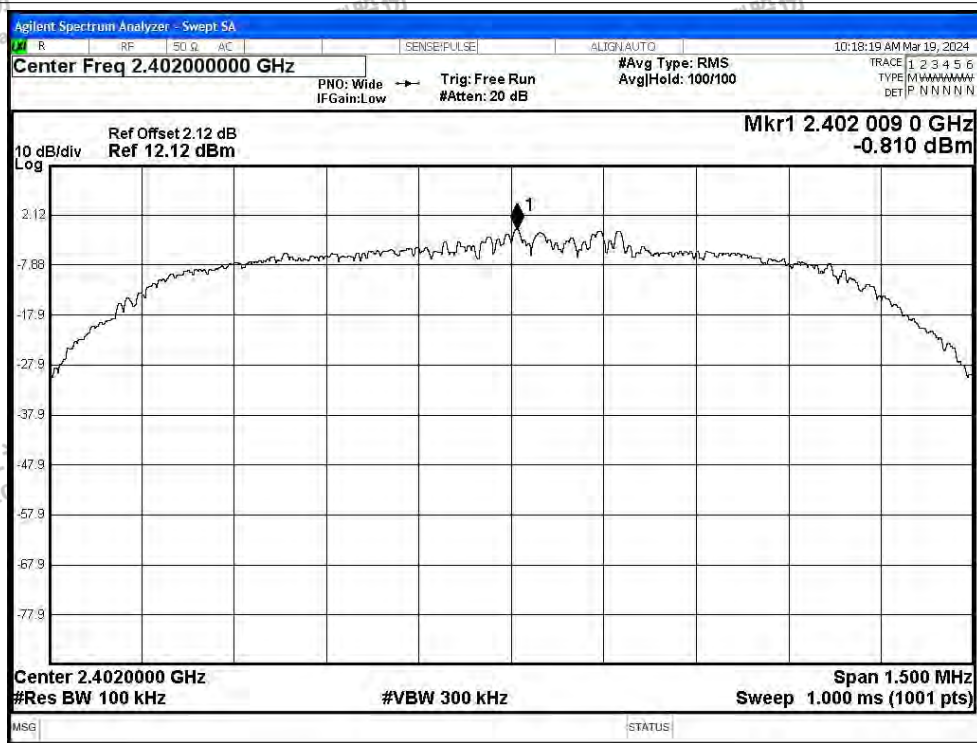


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

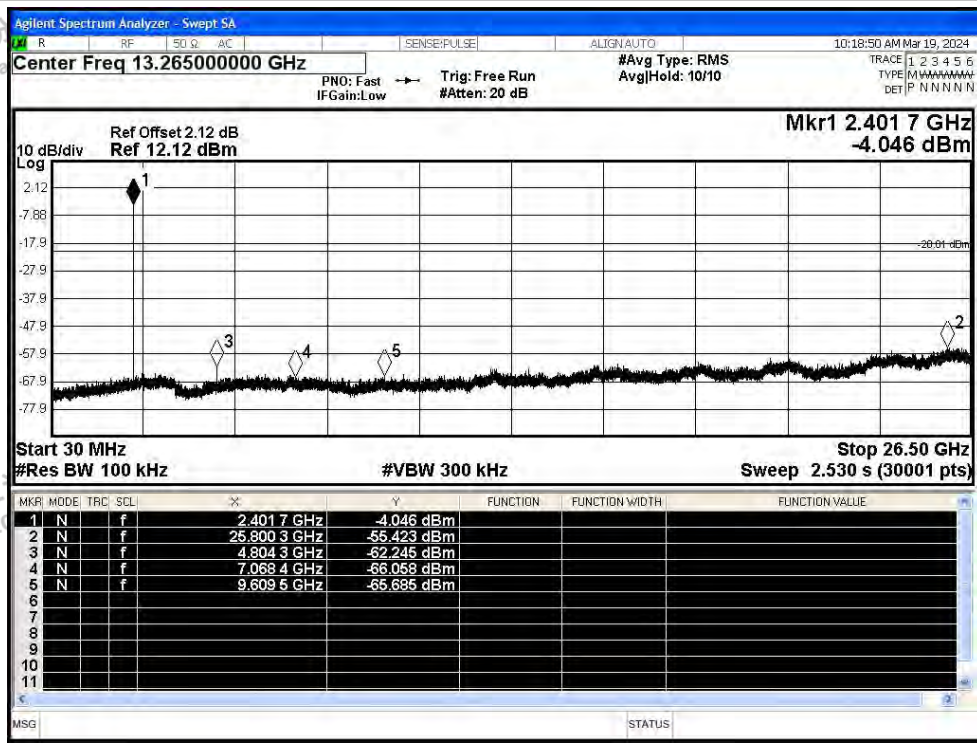




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

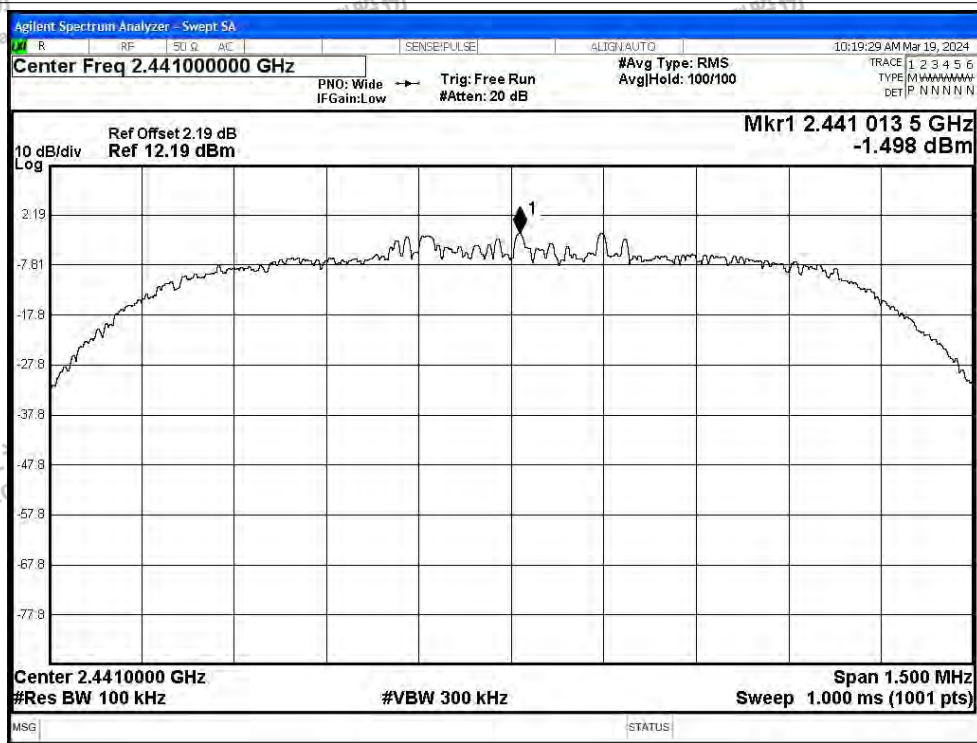


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

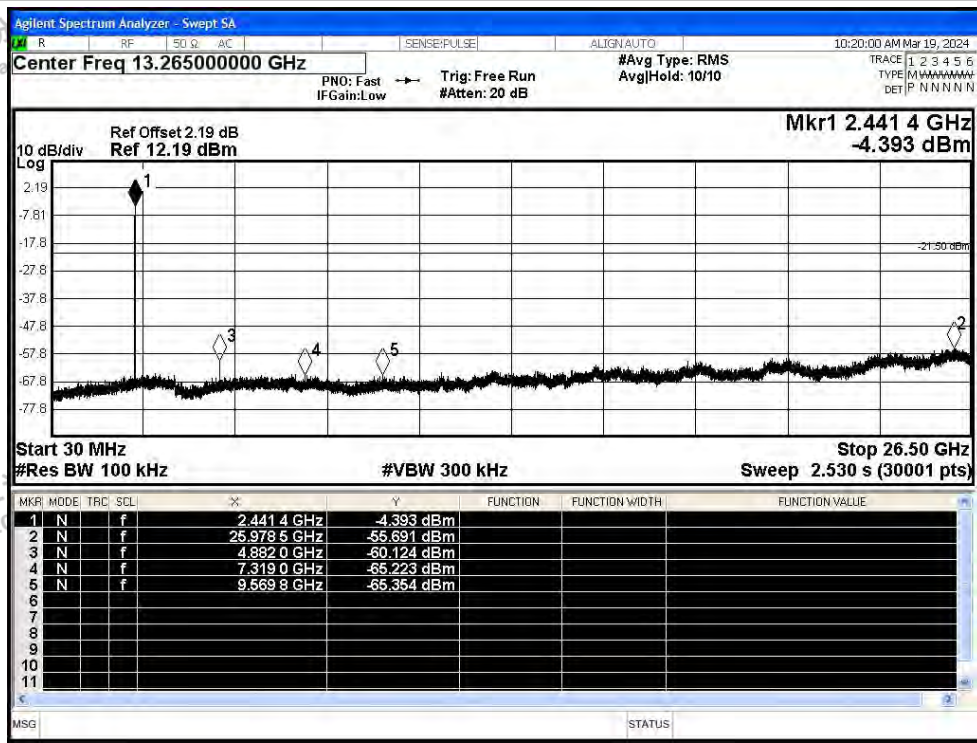




Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

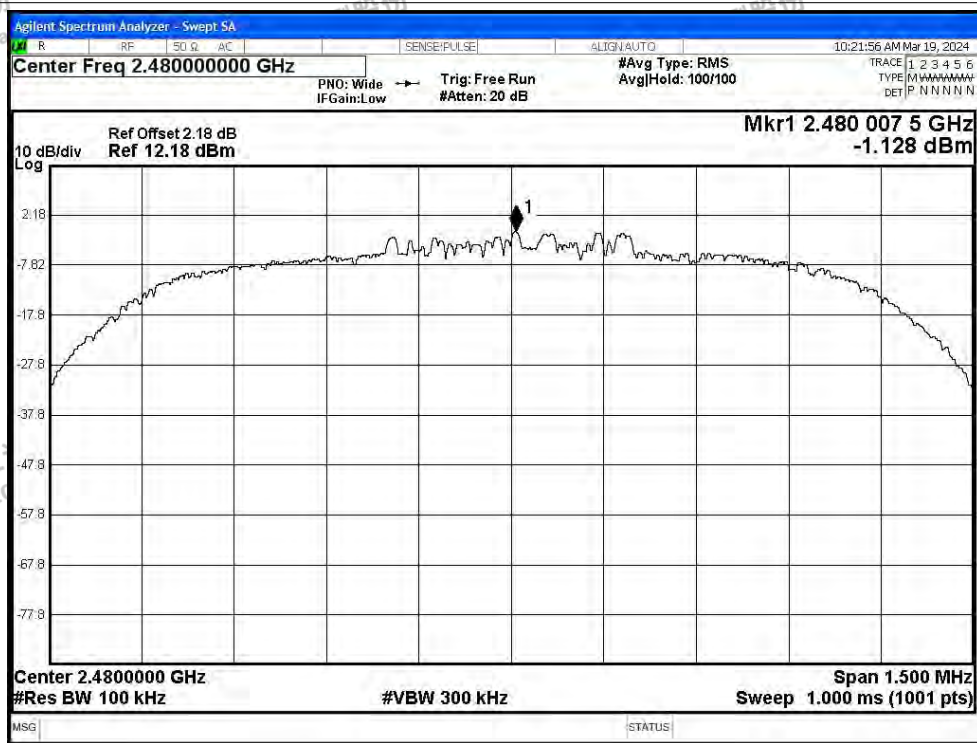


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

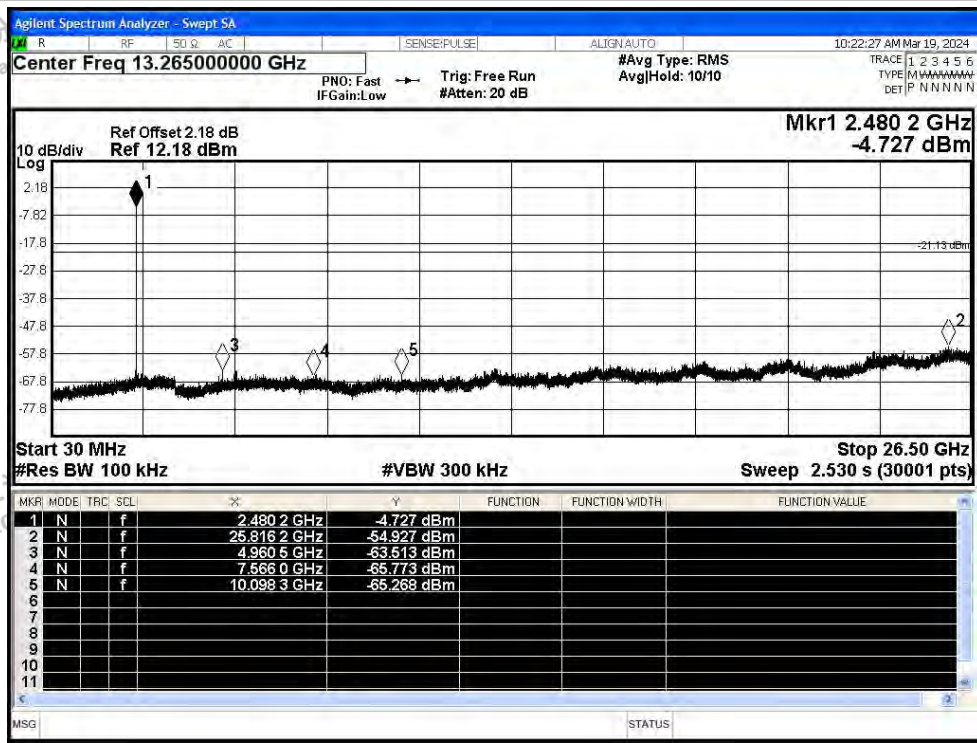




Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

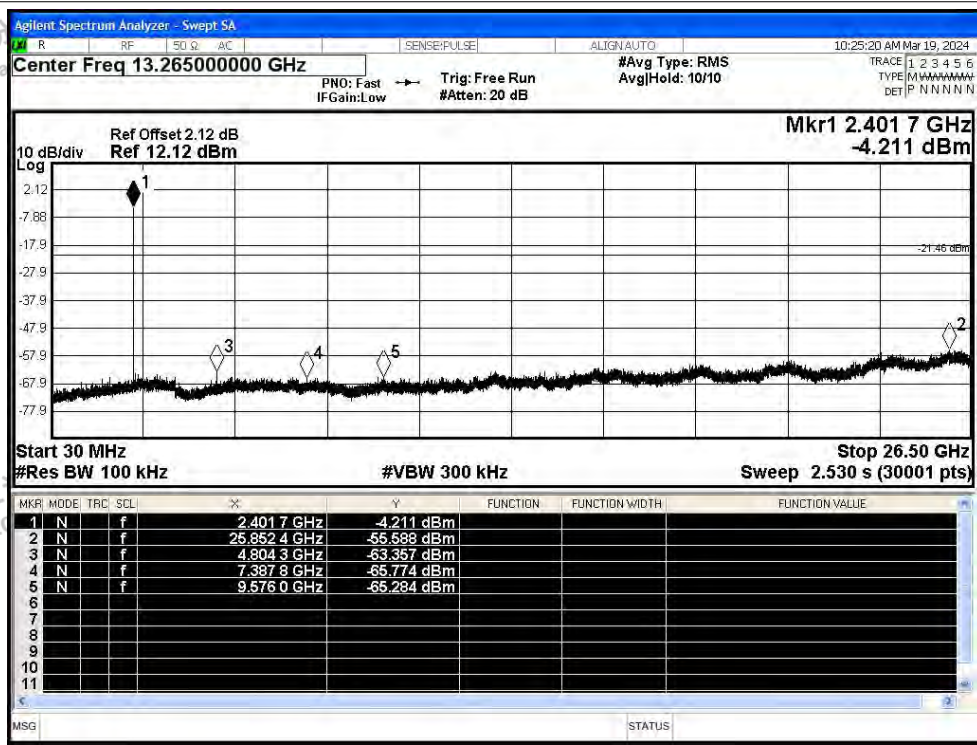




Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

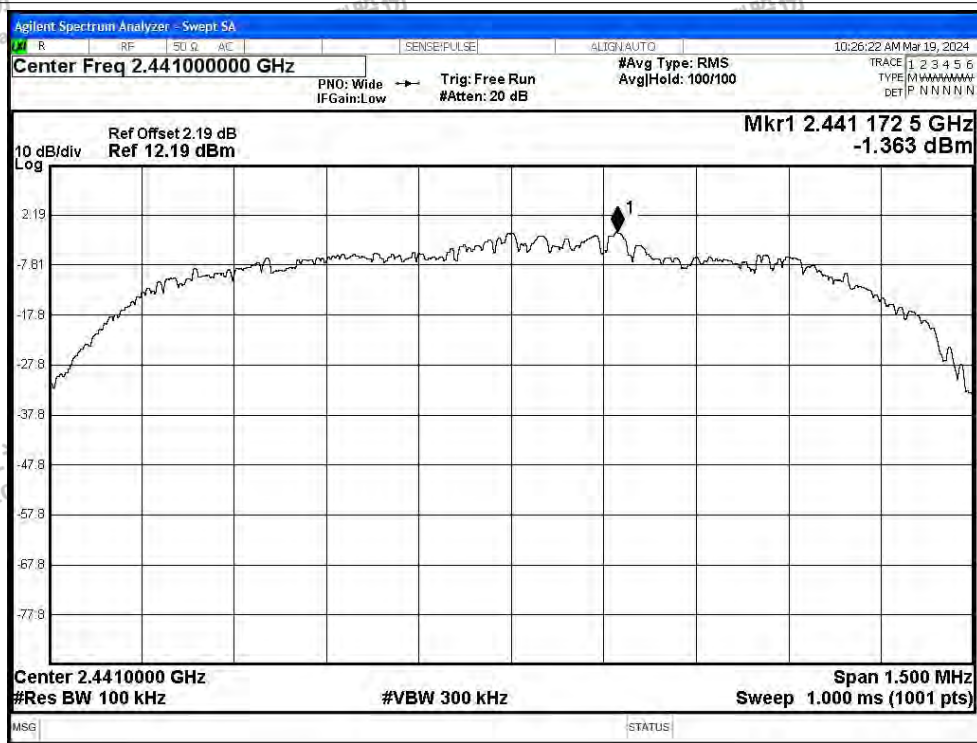


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

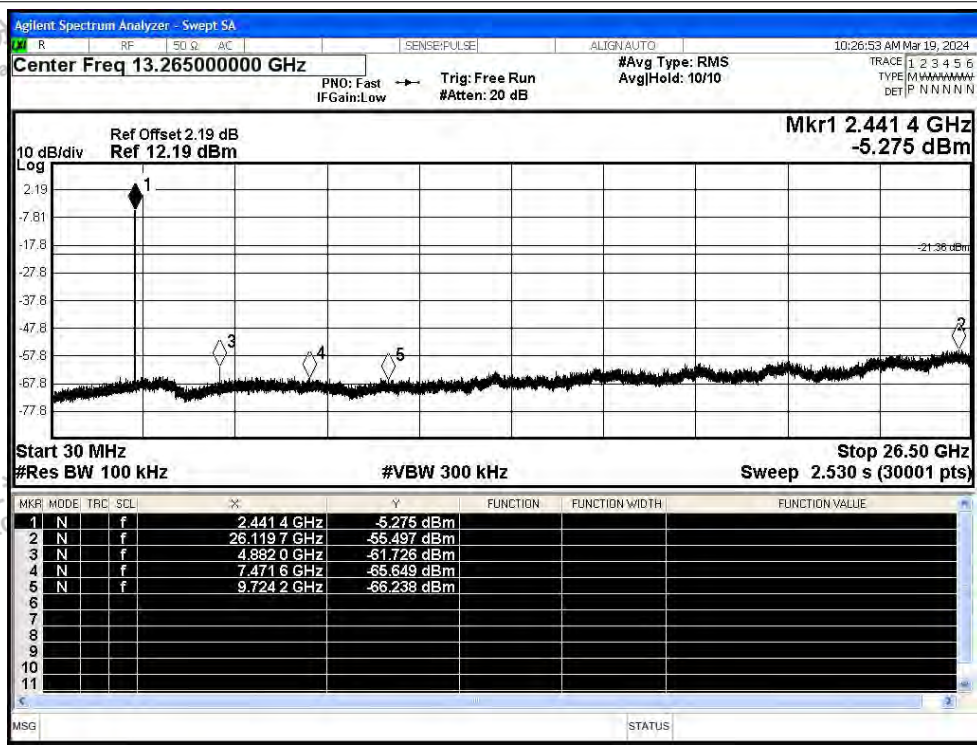




Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref

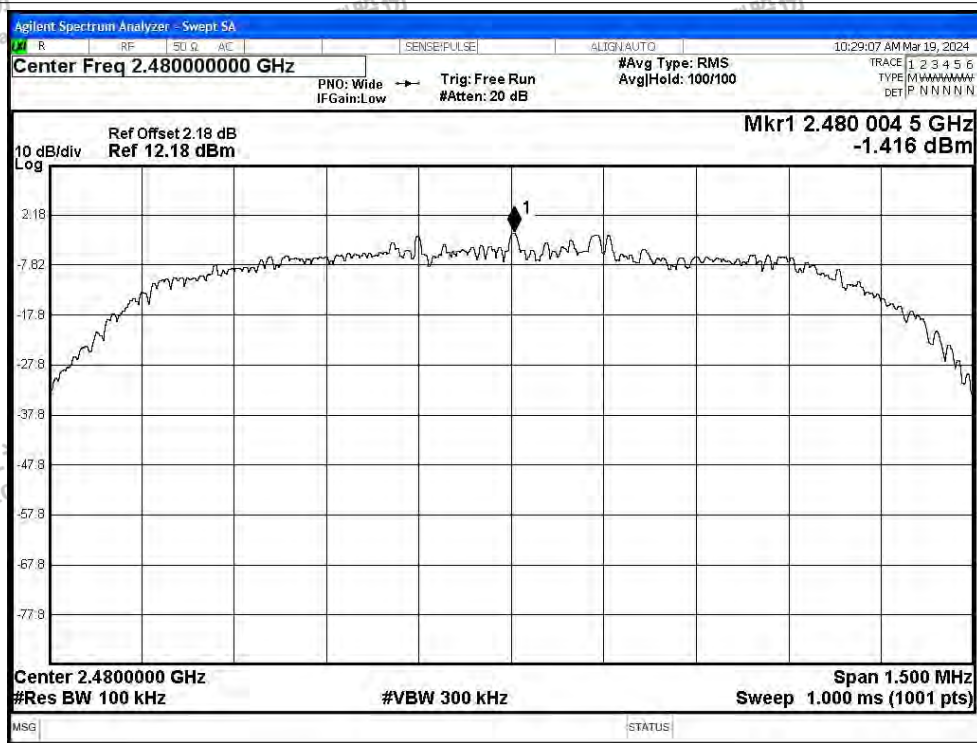


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

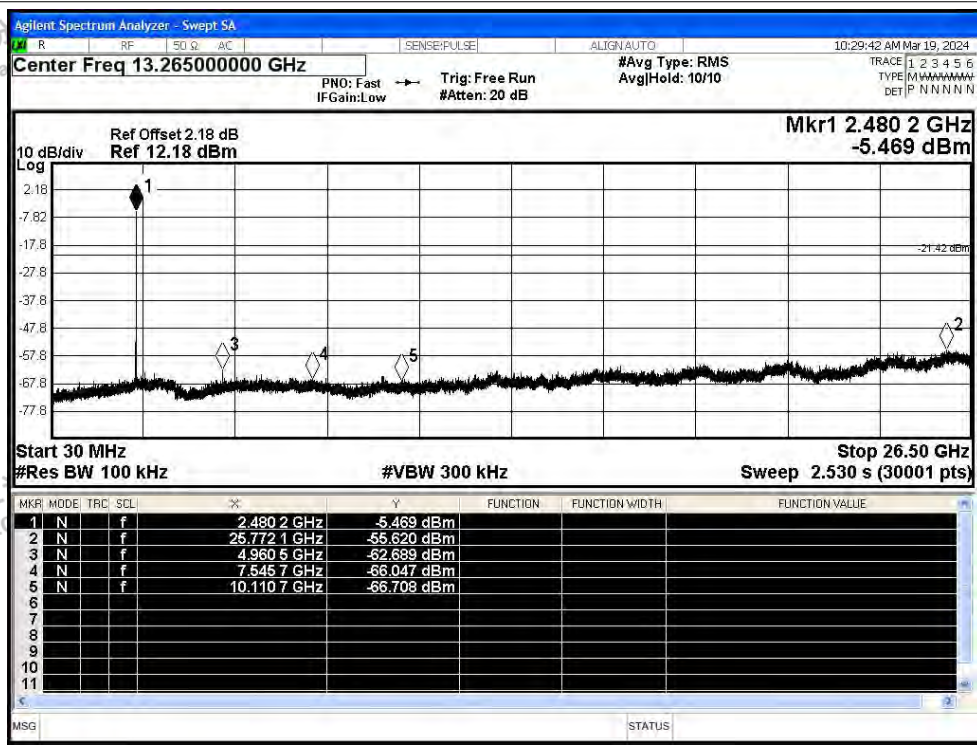




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission





A.8 Duty Cycle

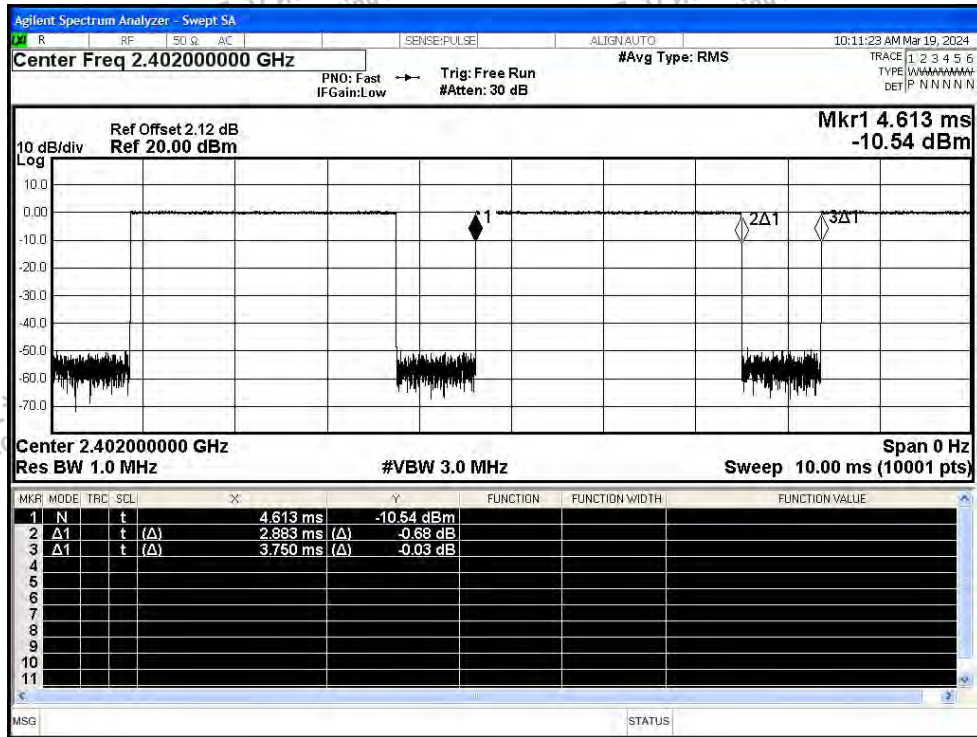
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.85	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.88	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.96	1.14	0.35
NVNT	3-DH5	2402	Ant1	77.04	1.13	0.35
NVNT	3-DH5	2441	Ant1	77.01	1.13	0.35
NVNT	3-DH5	2480	Ant1	77.01	1.13	0.35



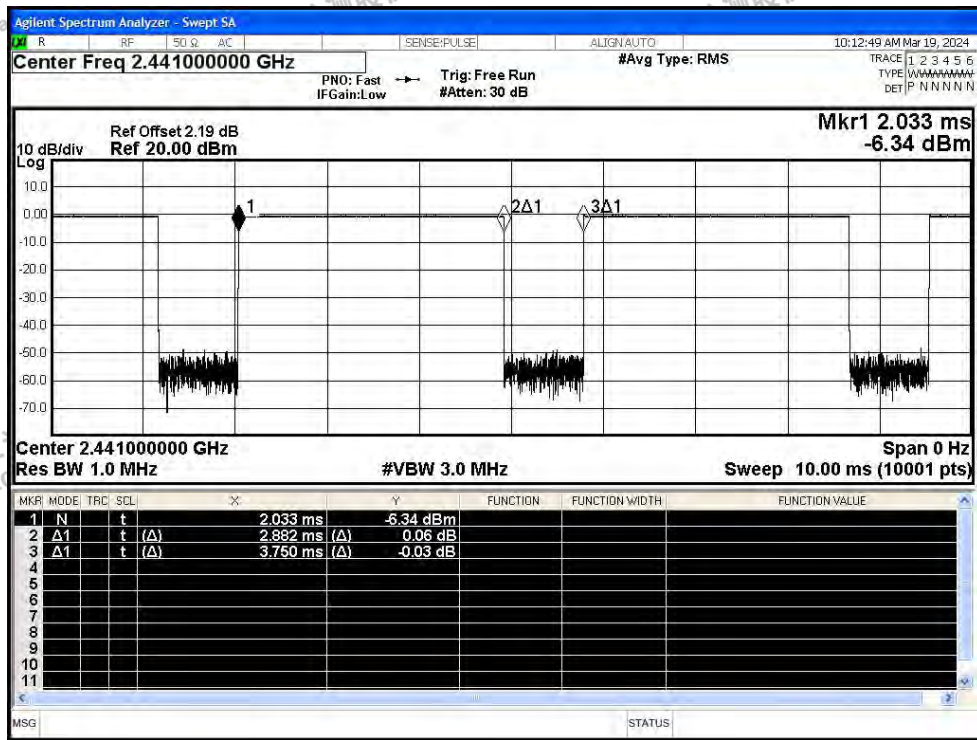


Test Graphs

Duty Cycle NVNT 1-DH5 2402MHz Ant1

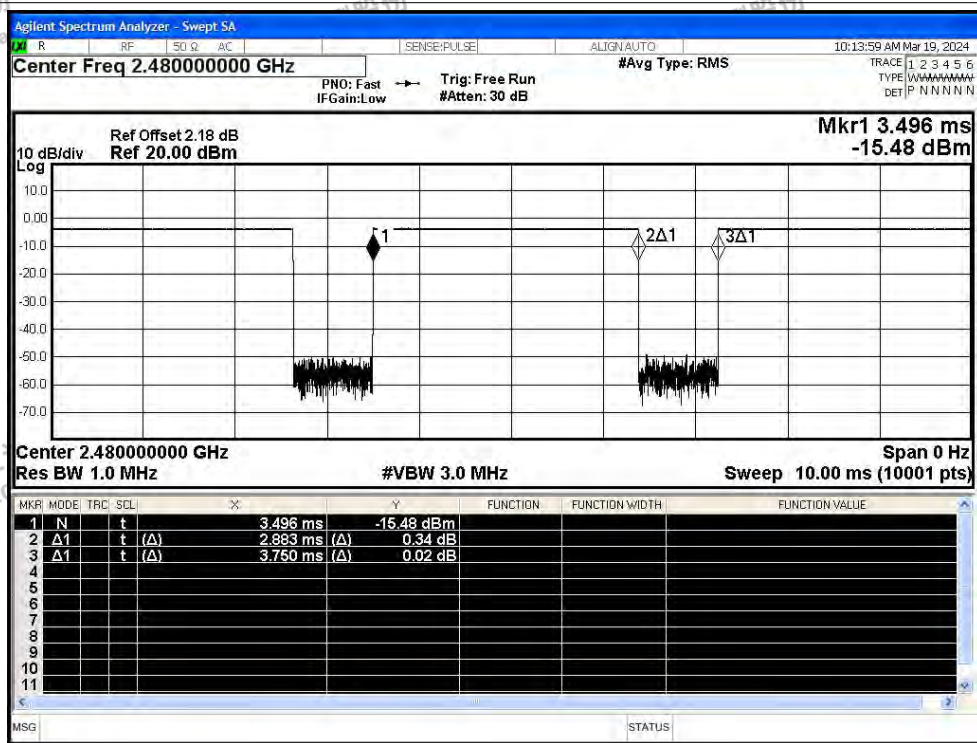


Duty Cycle NVNT 1-DH5 2441MHz Ant1

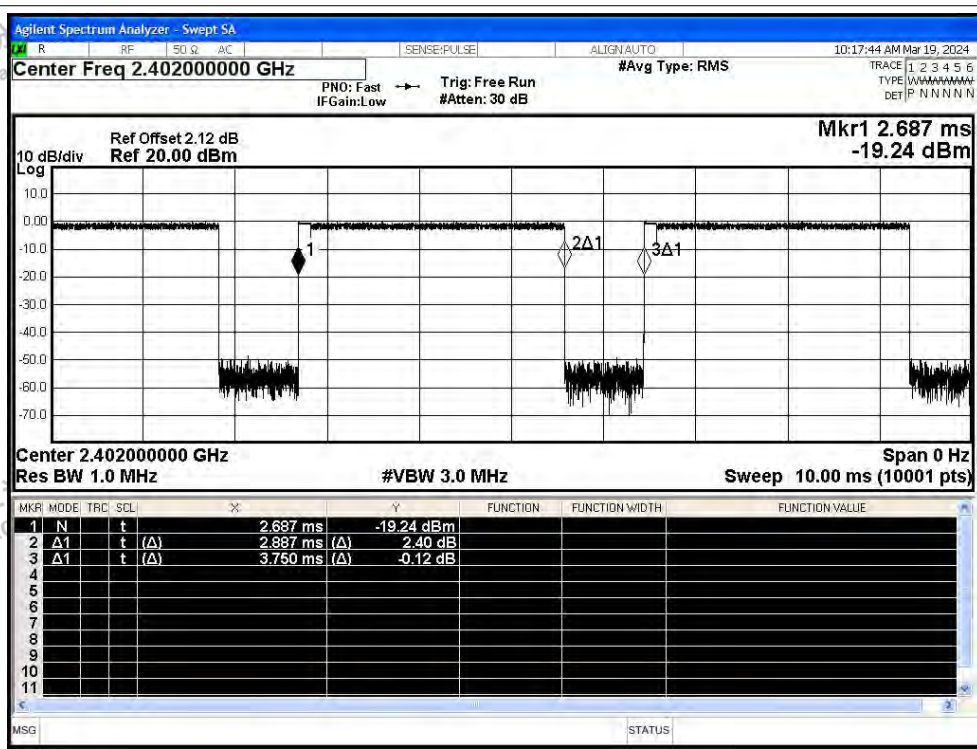




Duty Cycle NVNT 1-DH5 2480MHz Ant1

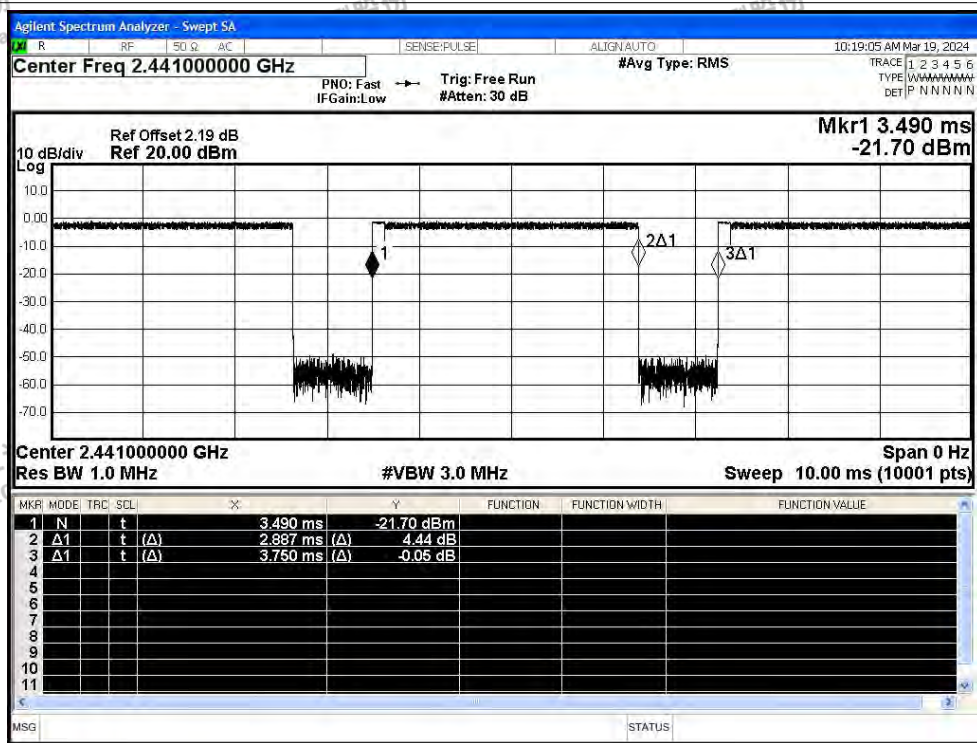


Duty Cycle NVNT 2-DH5 2402MHz Ant1

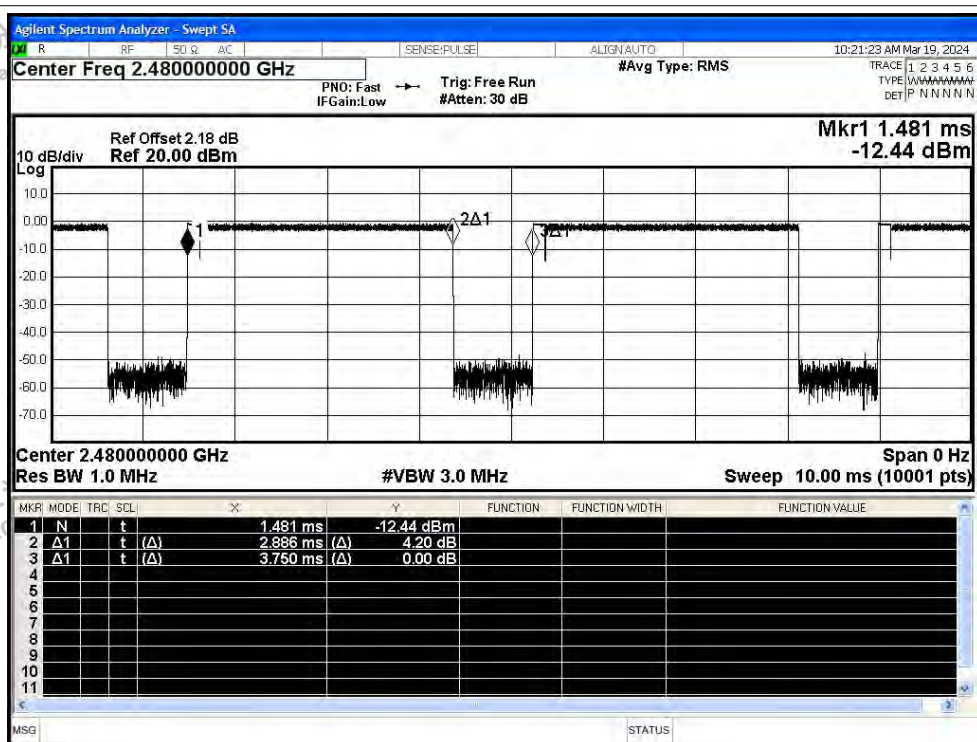




Duty Cycle NVNT 2-DH5 2441MHz Ant1

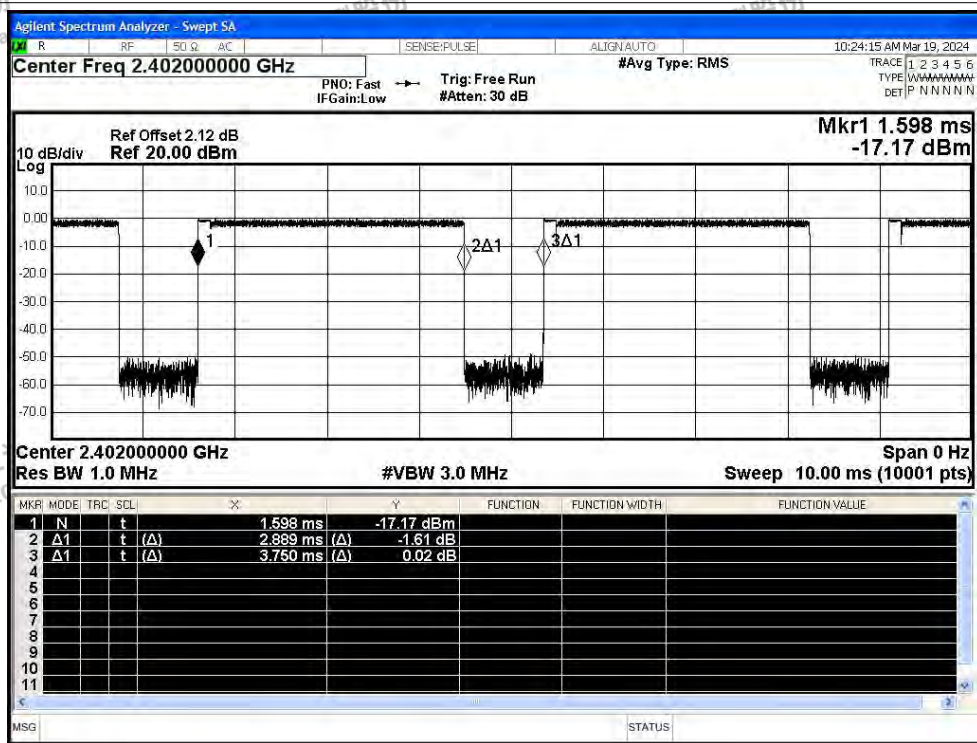


Duty Cycle NVNT 2-DH5 2480MHz Ant1

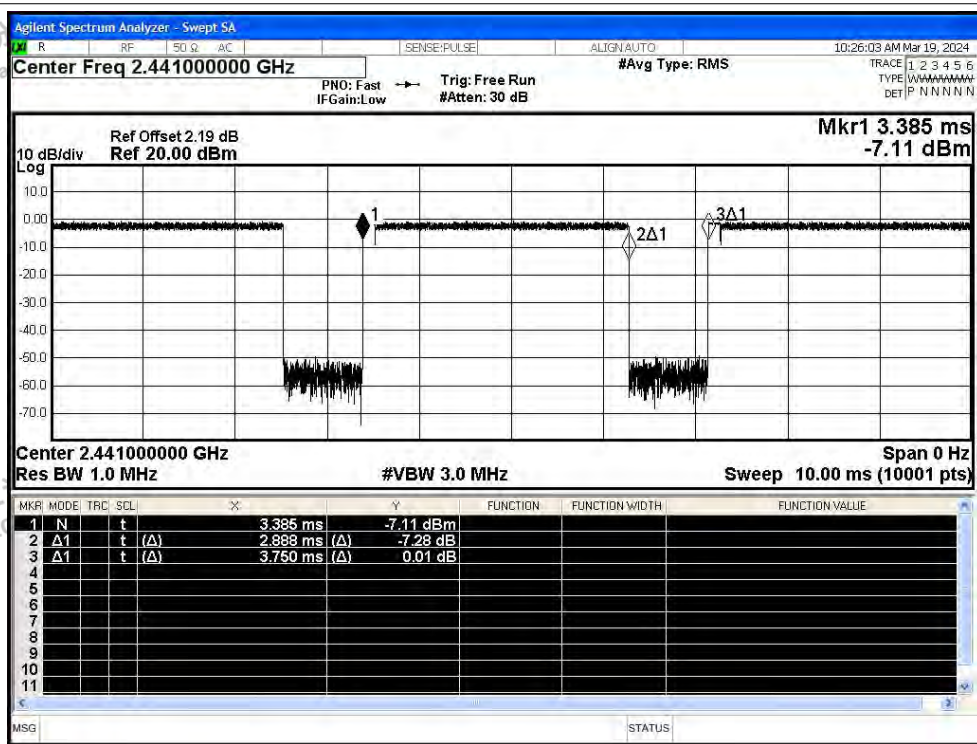


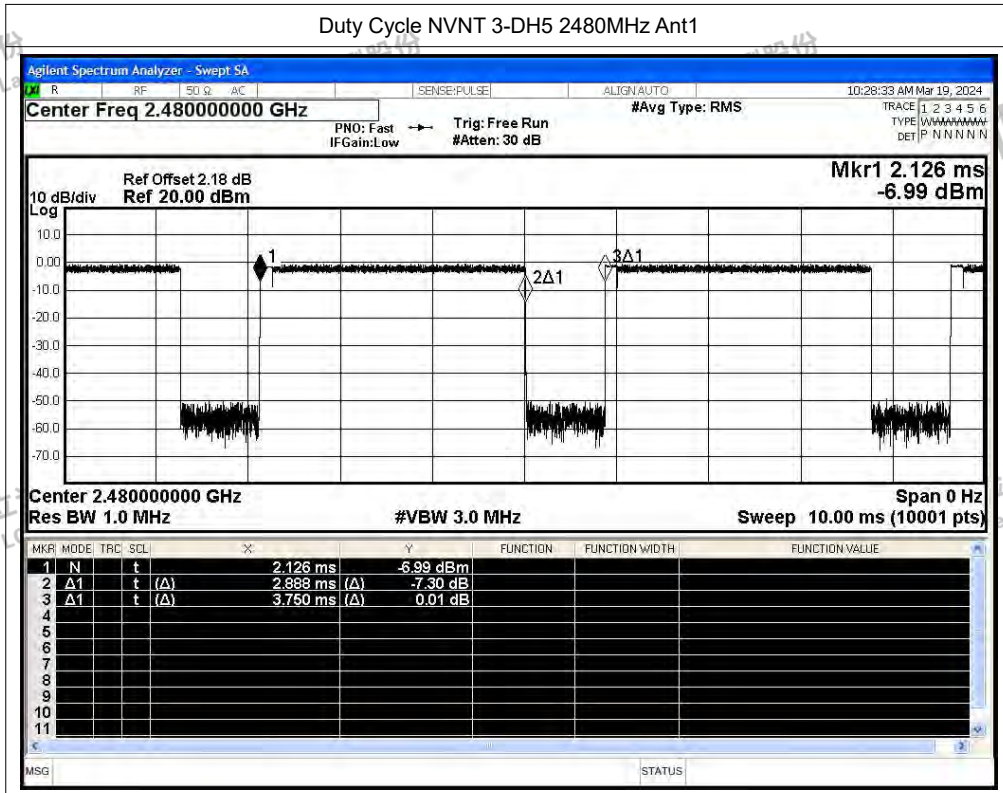


Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz 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	-50.92	2.35	-	46.69	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.46	2.35	1.14	40.29	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2341.488	-47.61	2.35	-	50	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2385.36	-57.68	2.35	1.14	41.07	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.42	2.35	-	48.19	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.57	2.35	1.14	40.18	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50.85	2.35	-	46.76	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-58.32	2.35	1.14	40.43	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2490.448	-47.17	2.35	-	50.44	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2490.568	-57.24	2.35	1.14	41.51	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.99	2.35	-	46.62	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.68	2.35	1.14	41.07	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.31	2.35	-	47.3	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.79	2.35	1.14	39.96	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2351.664	-47.73	2.35	-	49.88	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2373.36	-57.82	2.35	1.14	40.93	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-51.14	2.35	-	46.47	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.35	2.35	1.14	40.4	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.91	2.35	-	48.7	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.21	2.35	1.14	41.54	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2489.728	-47.25	2.35	-	50.36	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.848	-57.01	2.35	1.14	41.74	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.06	2.35	-	48.55	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.86	2.35	1.14	40.89	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.14	2.35	-	47.47	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.39	2.35	1.13	40.35	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2372.688	-46.57	2.35	-	51.04	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2387.088	-57.69	2.35	1.13	41.05	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-48.65	2.35	-	48.96	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.47	2.35	1.13	40.27	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.95	2.35	-	48.66	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.55	2.35	1.13	41.19	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2485.48	-46.84	2.35	-	50.77	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2488.84	-56.91	2.35	1.13	41.83	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.96	2.35	-	47.65	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.85	2.35	1.13	40.89	Average	54	Pass

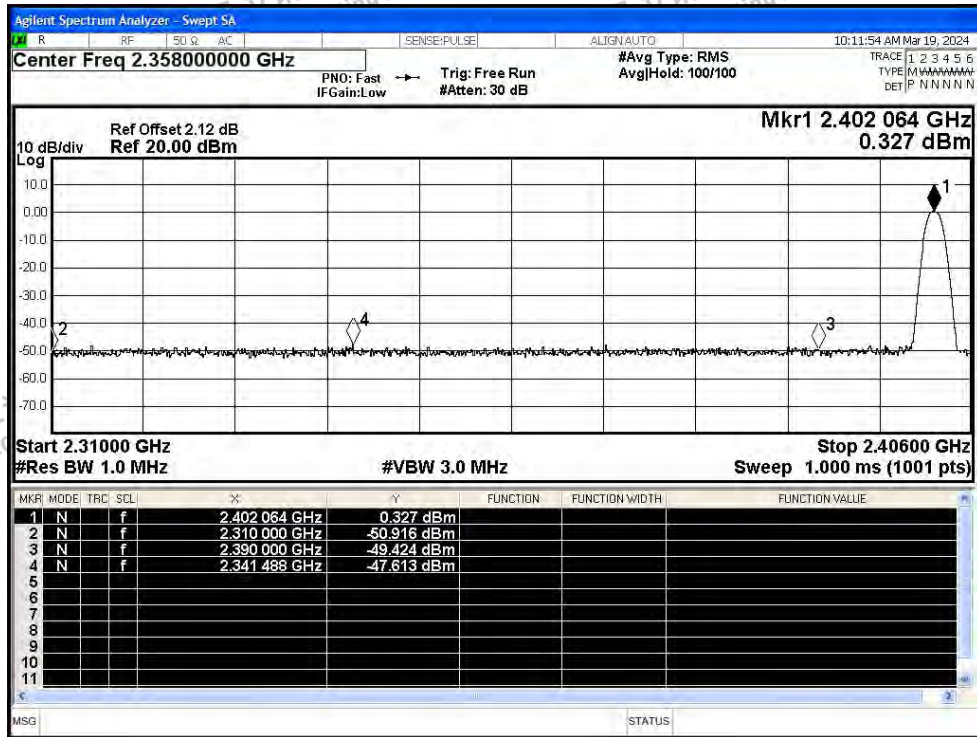


Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

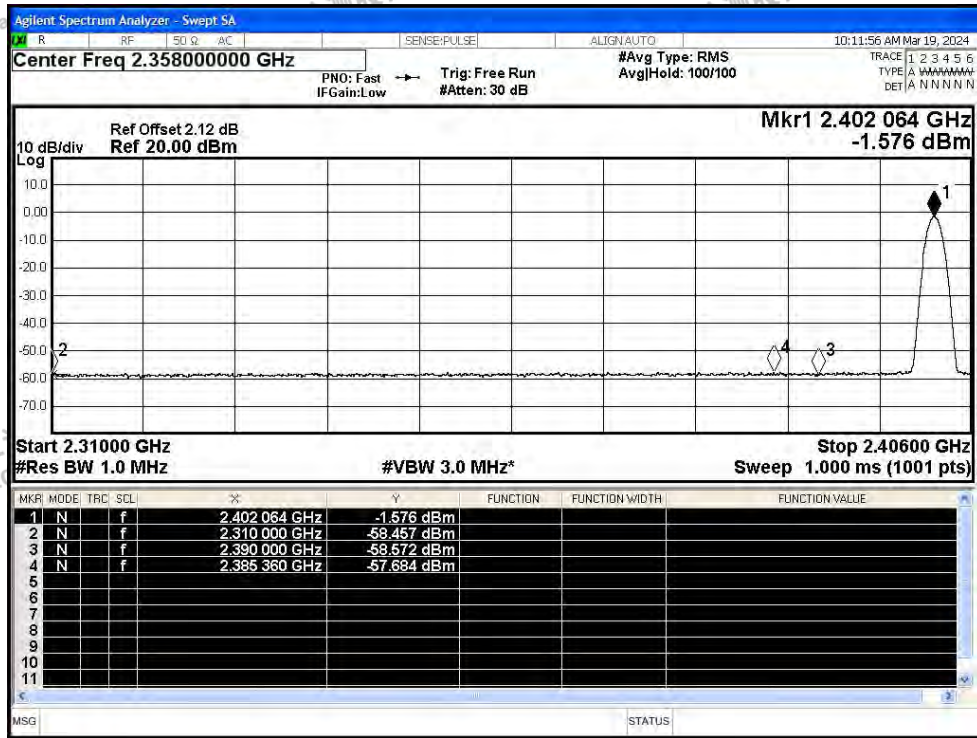


Test Graphs

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

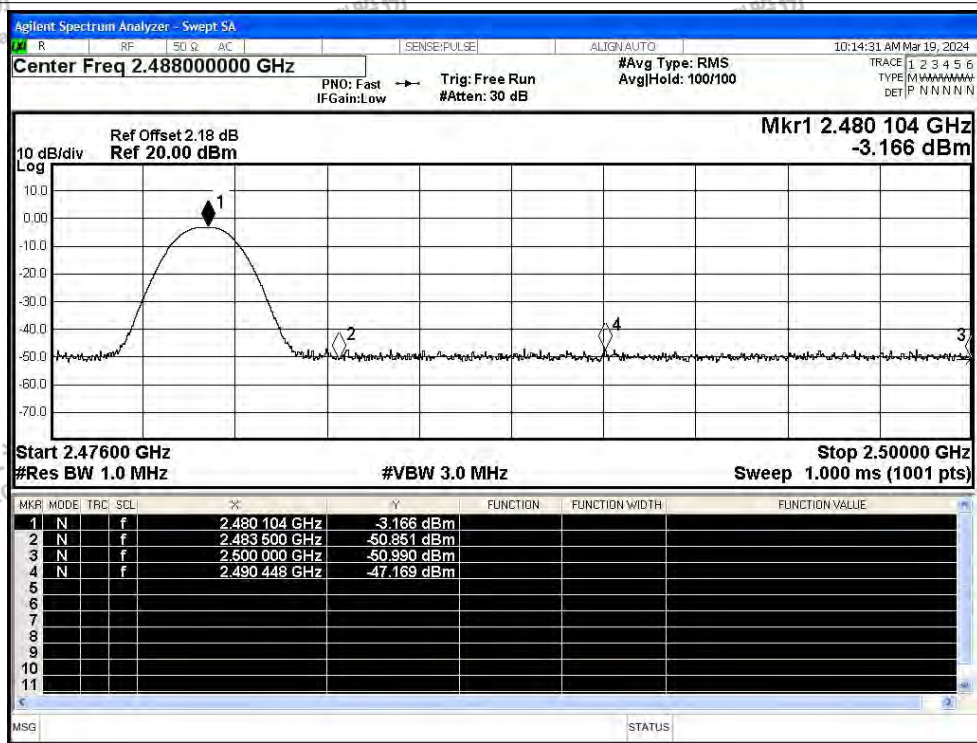


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

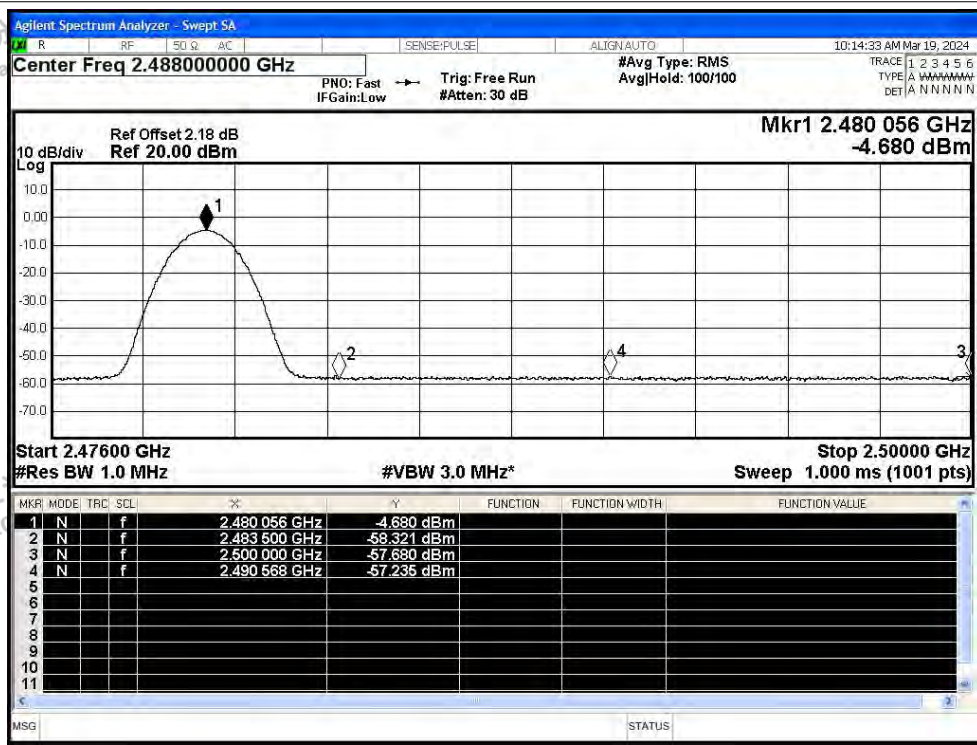




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

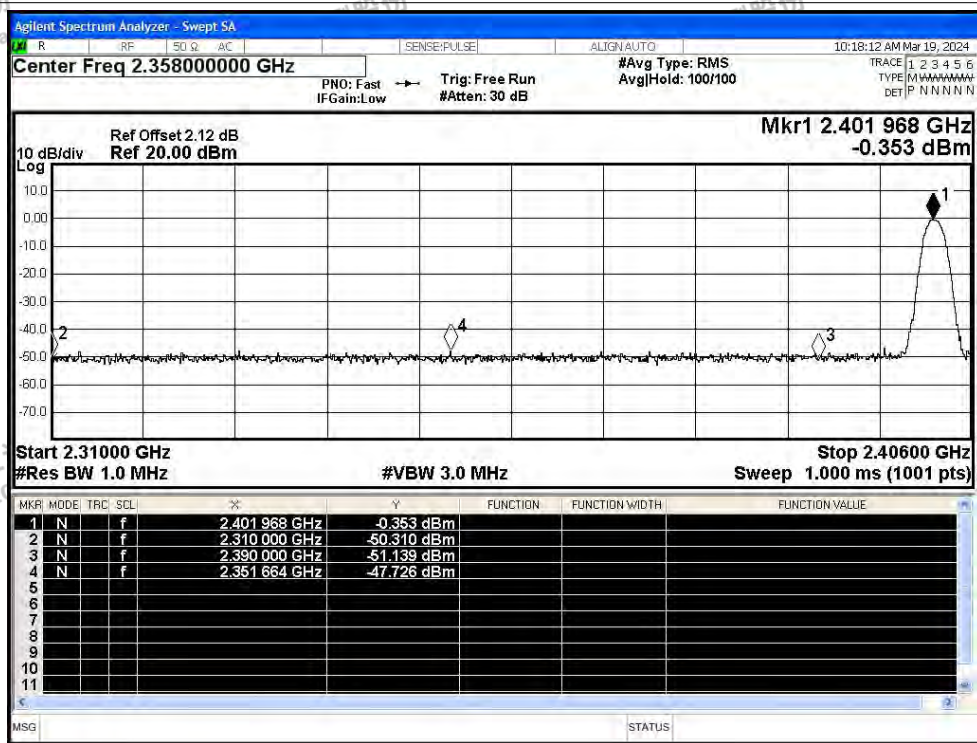


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

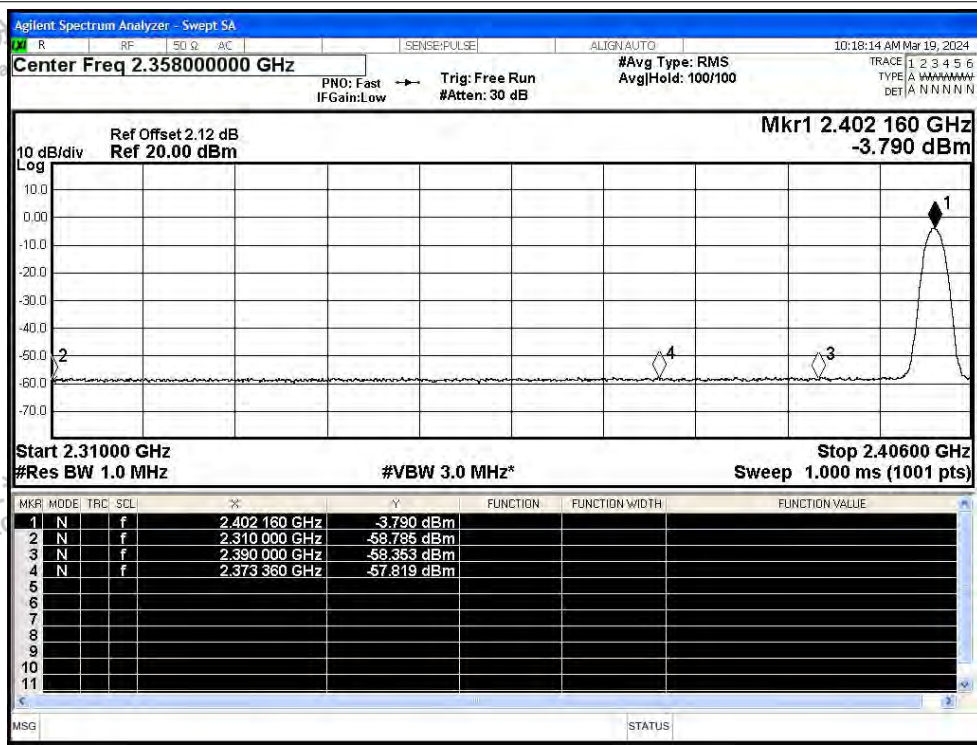




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

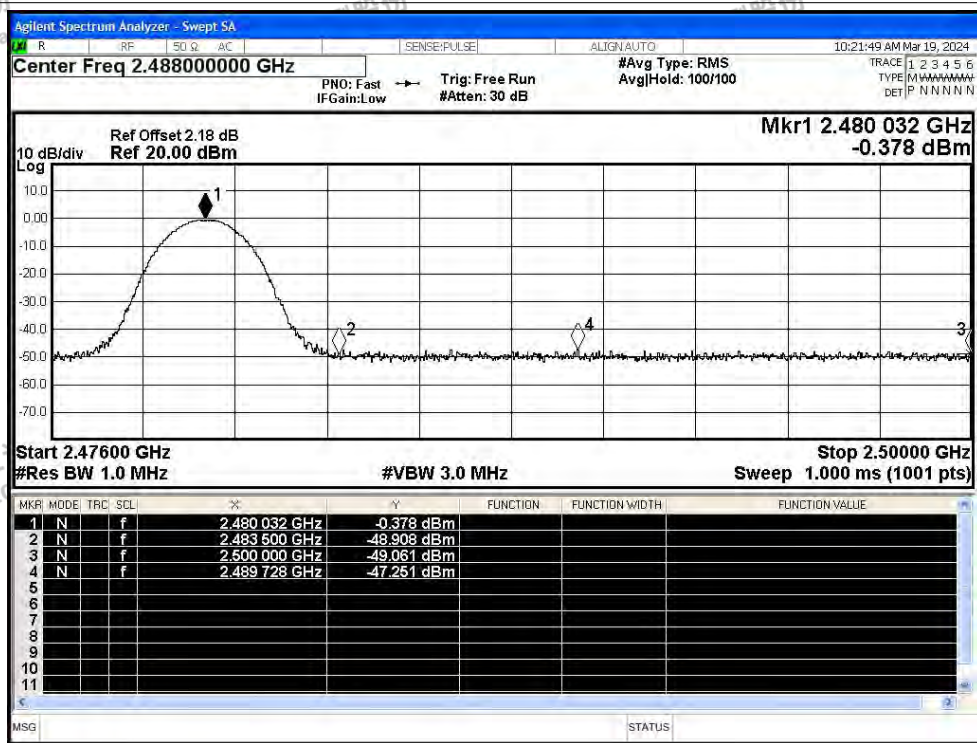


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

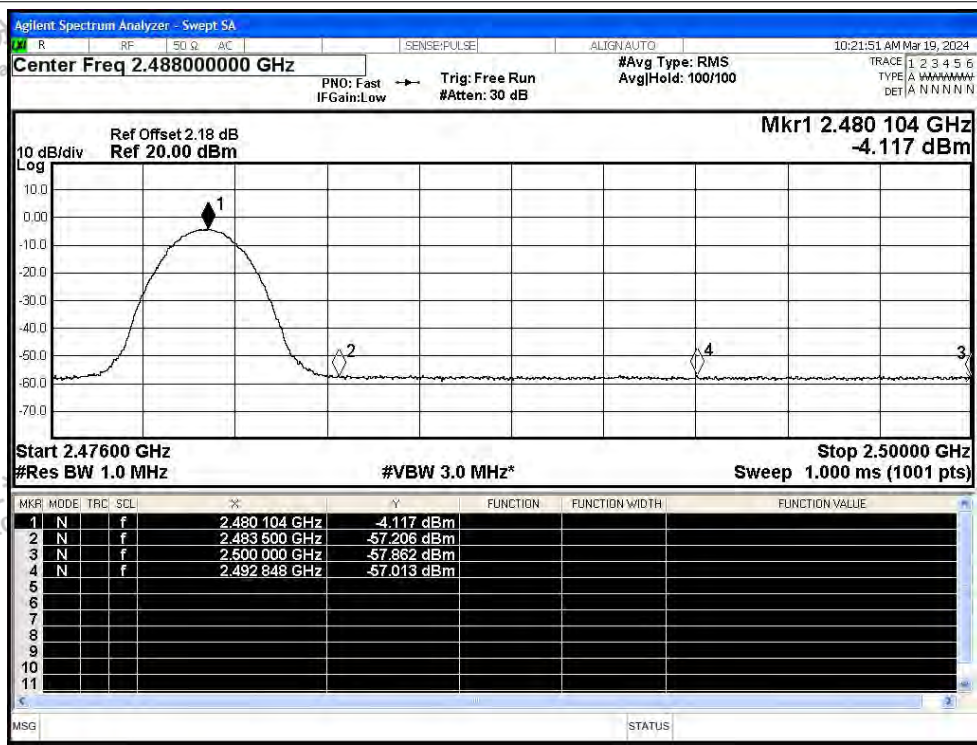




Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak

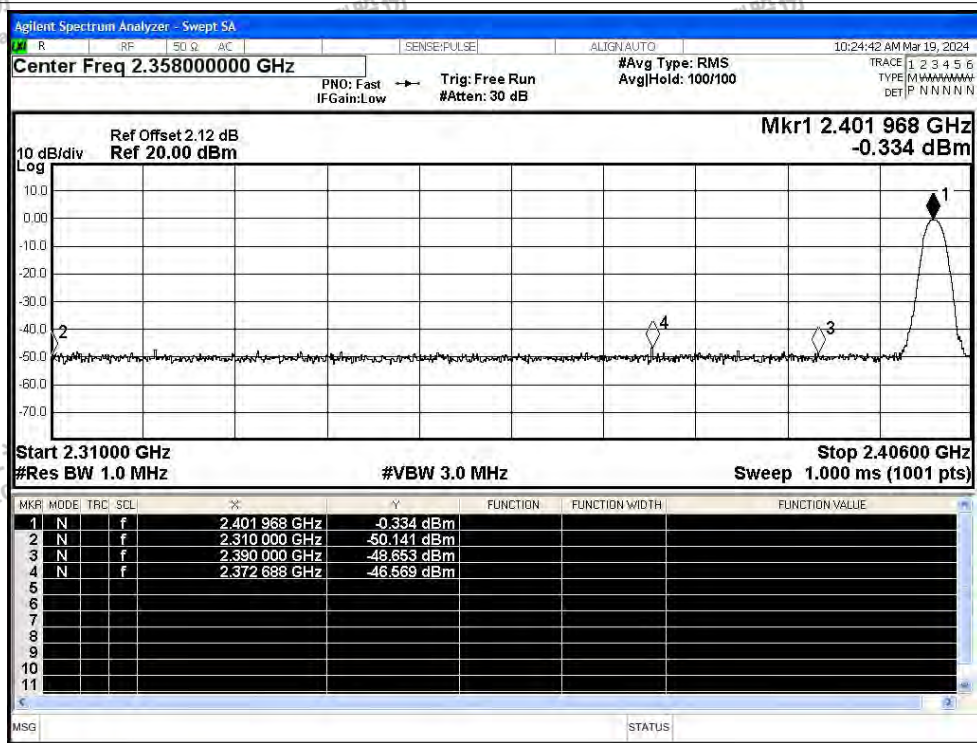


Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average

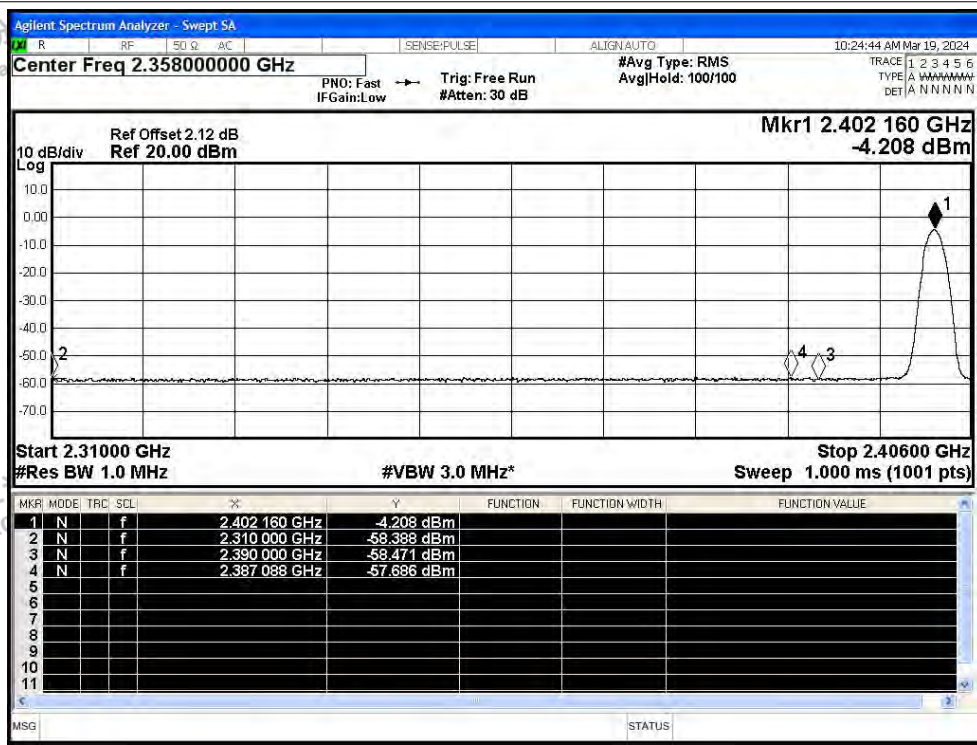




Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

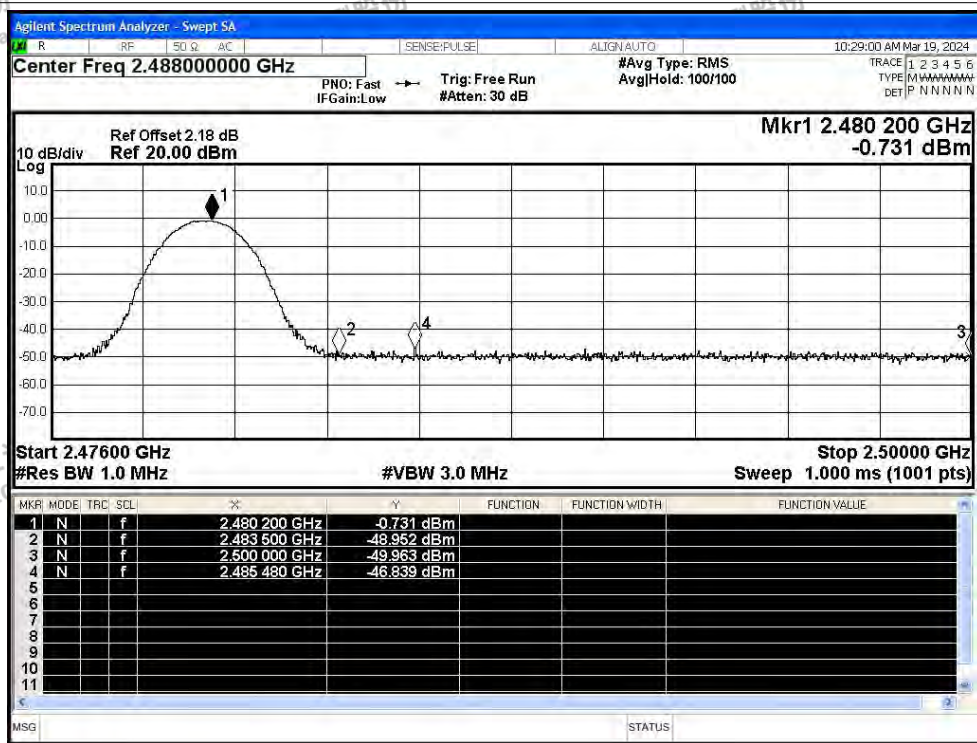


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





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



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

