



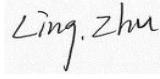
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Wireless headphone

Test Model: BSBTH253

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Ling Zhu
Supervised by:	 Li Huan





A.1 -20dB Bandwidth

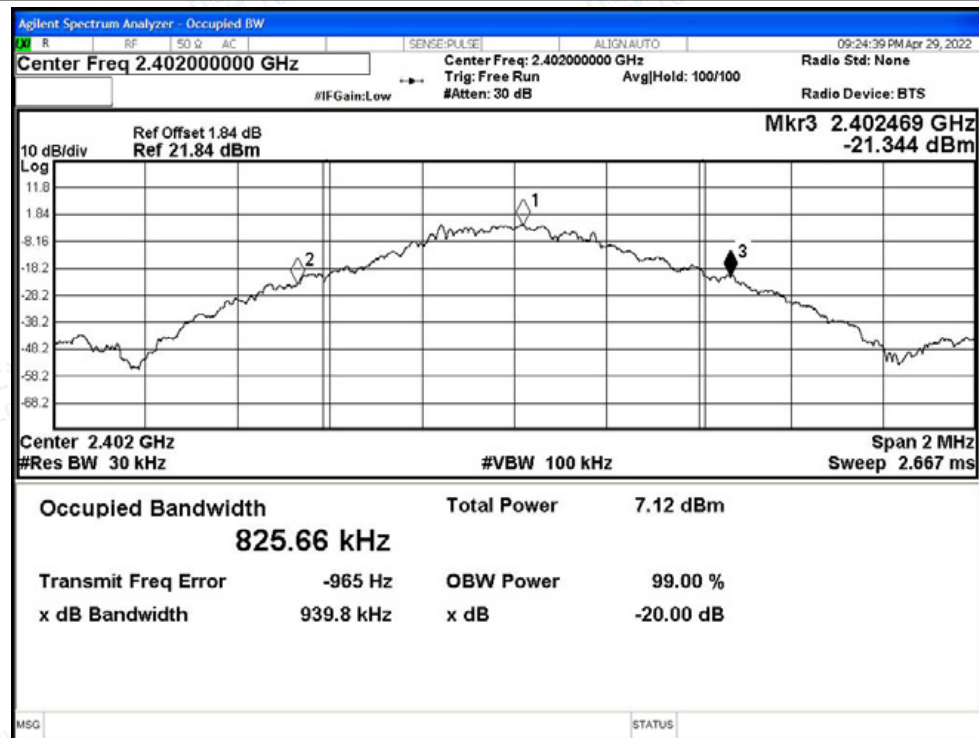
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.94	0	Pass
NVNT	1-DH5	2441	Ant1	0.944	0	Pass
NVNT	1-DH5	2480	Ant1	0.954	0	Pass
NVNT	2-DH5	2402	Ant1	1.282	0	Pass
NVNT	2-DH5	2441	Ant1	1.28	0	Pass
NVNT	2-DH5	2480	Ant1	1.279	0	Pass
NVNT	3-DH5	2402	Ant1	1.293	0	Pass
NVNT	3-DH5	2441	Ant1	1.268	0	Pass
NVNT	3-DH5	2480	Ant1	1.289	0	Pass





Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

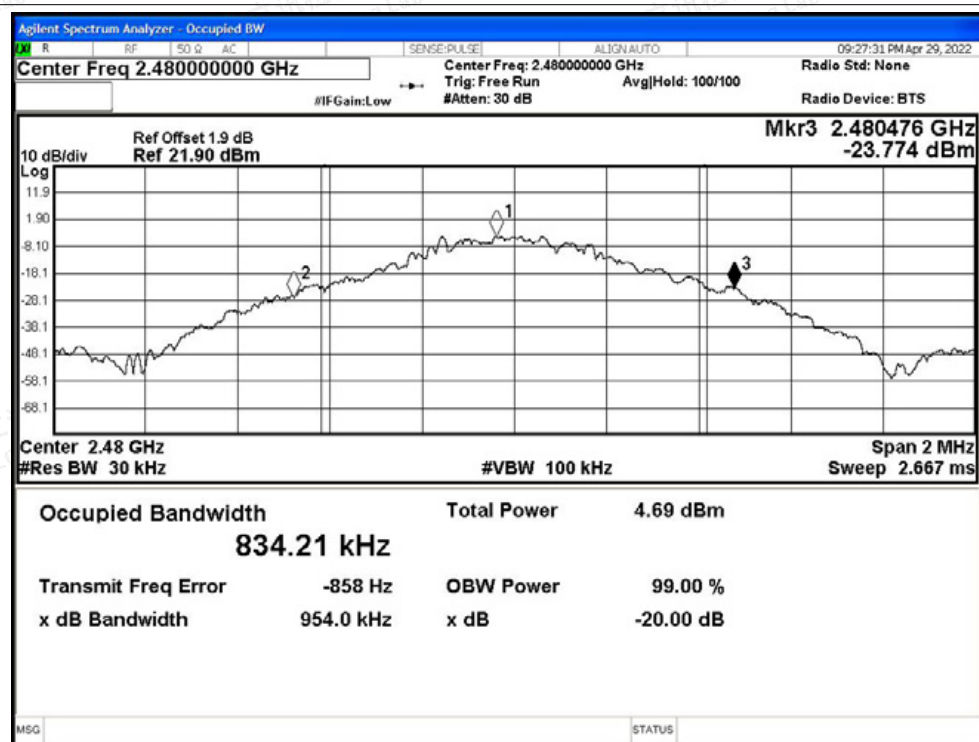


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

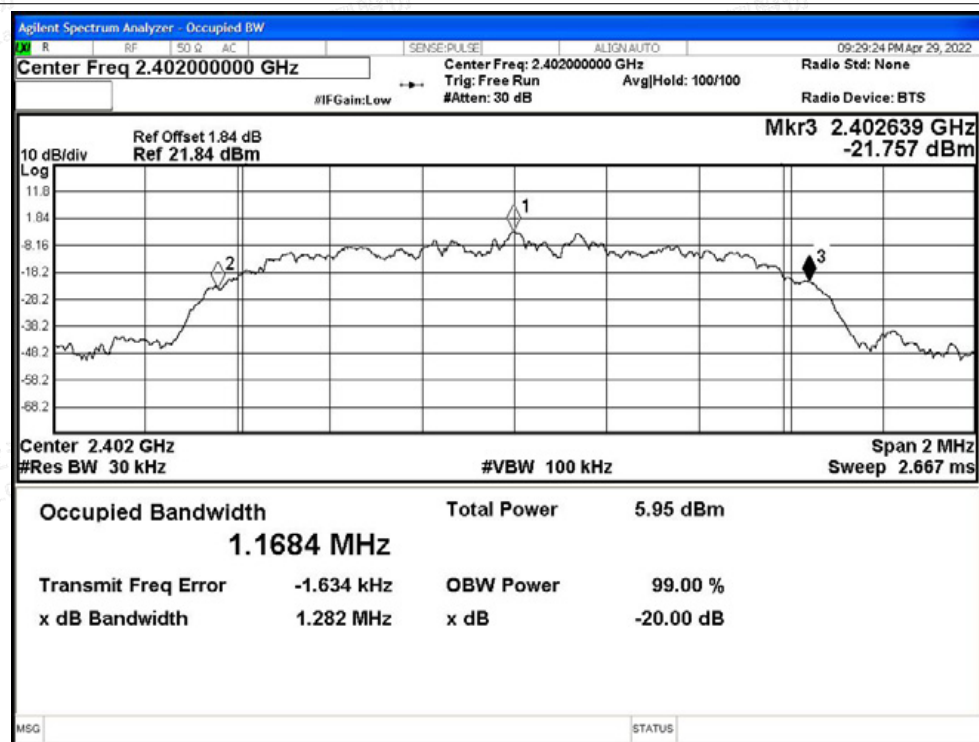




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

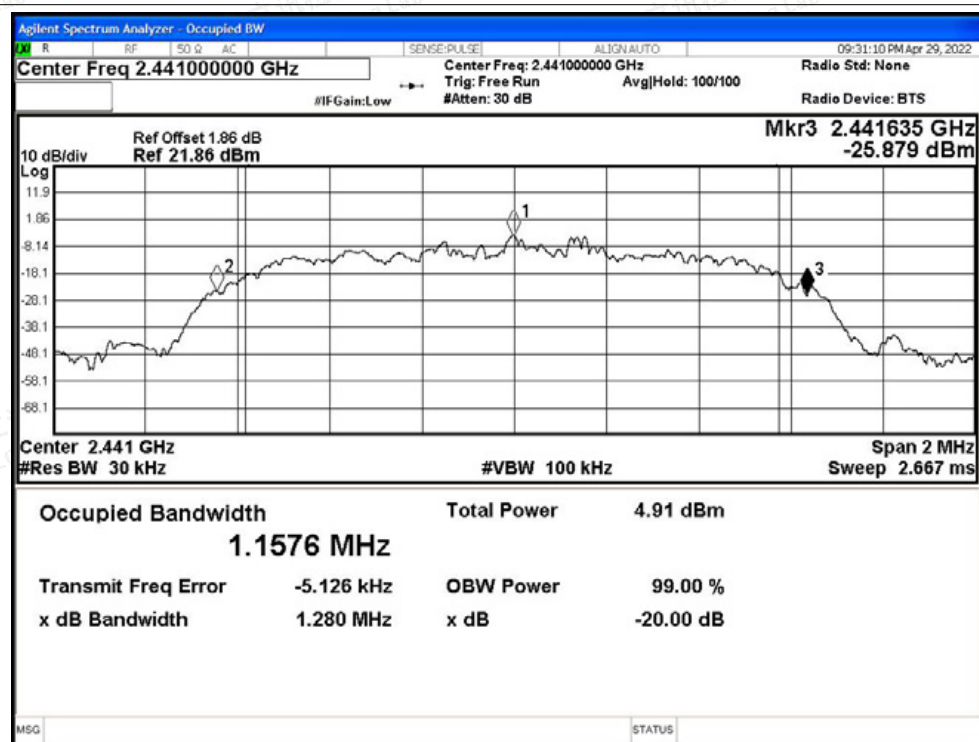
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

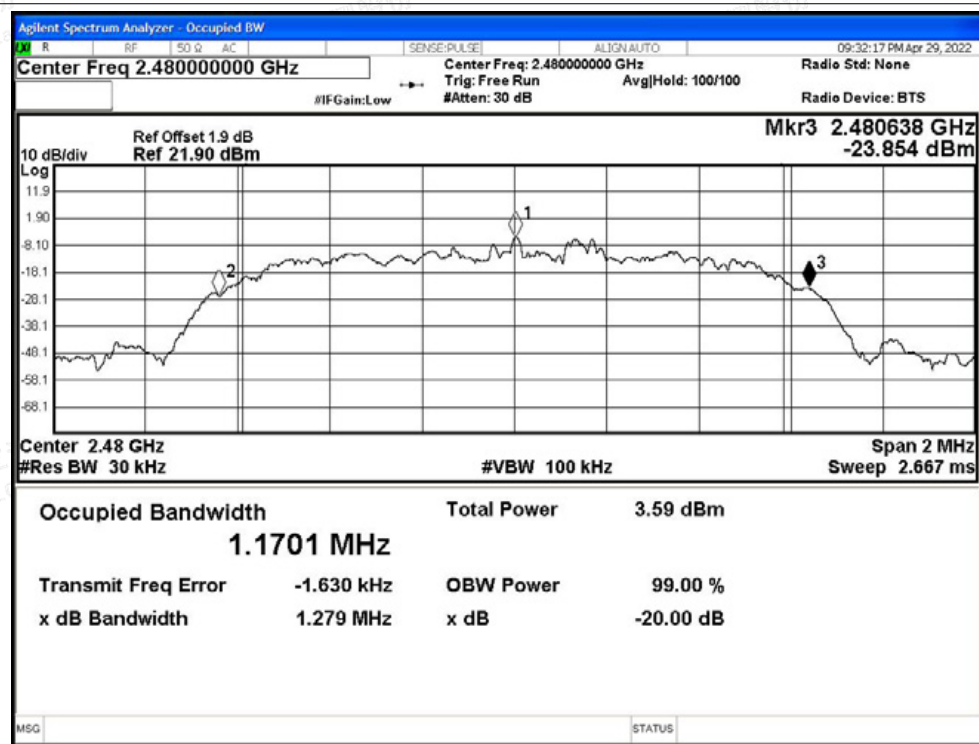
Scan code to check authenticity



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

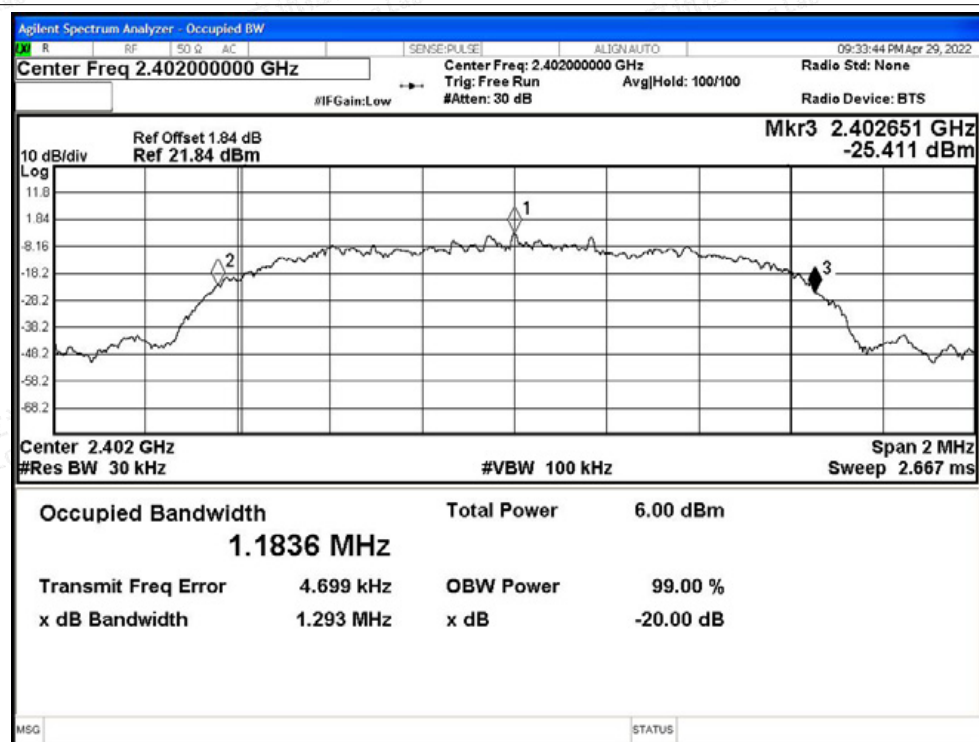


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

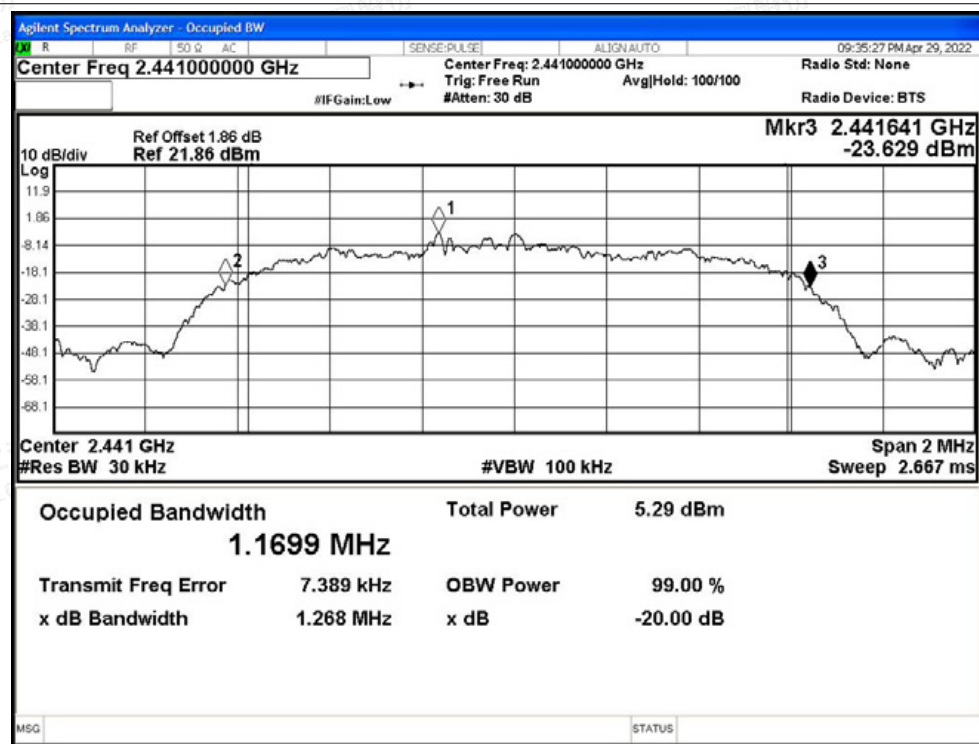


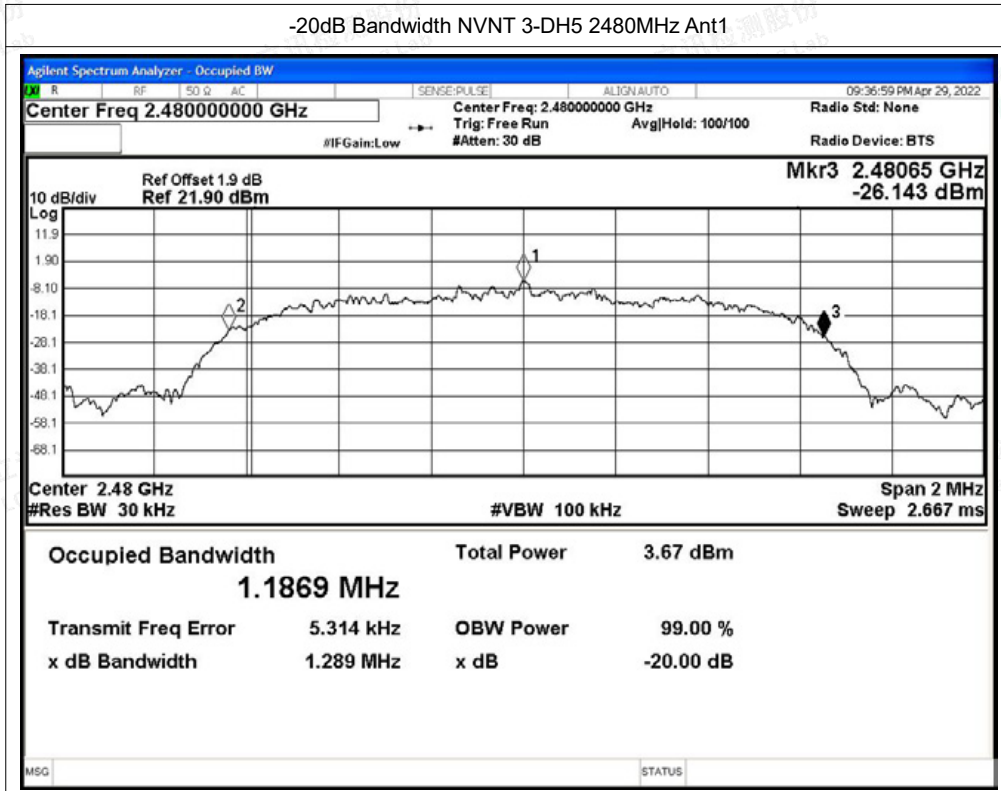


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1







A.2 Maximum Peak Conducted Output Power

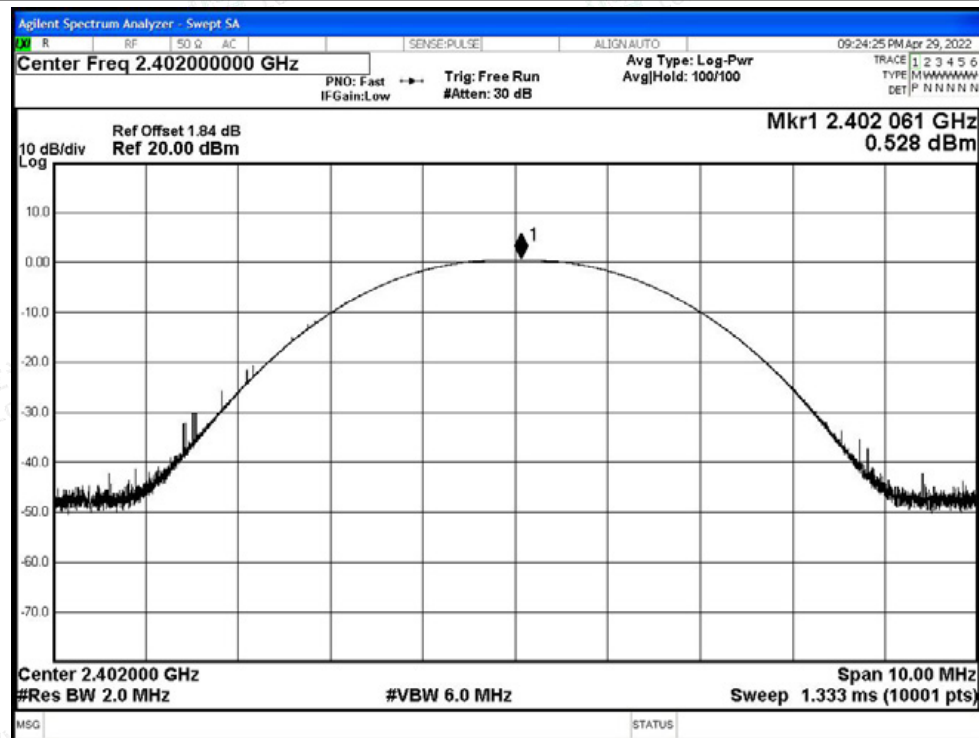
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.53	0	0.53	21	Pass
NVNT	1-DH5	2441	Ant1	-0.56	0	-0.56	21	Pass
NVNT	1-DH5	2480	Ant1	-1.83	0	-1.83	21	Pass
NVNT	2-DH5	2402	Ant1	1.26	0	1.26	21	Pass
NVNT	2-DH5	2441	Ant1	0.14	0	0.14	21	Pass
NVNT	2-DH5	2480	Ant1	-1.05	0	-1.05	21	Pass
NVNT	3-DH5	2402	Ant1	1.72	0	1.72	21	Pass
NVNT	3-DH5	2441	Ant1	0.61	0	0.61	21	Pass
NVNT	3-DH5	2480	Ant1	-0.63	0	-0.63	21	Pass



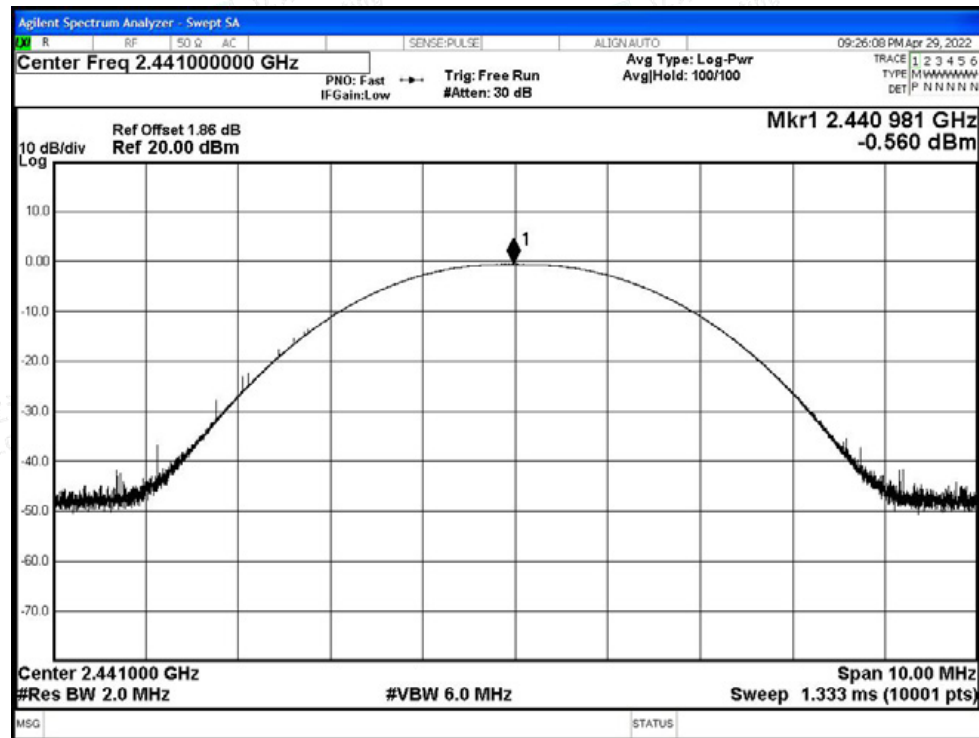


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

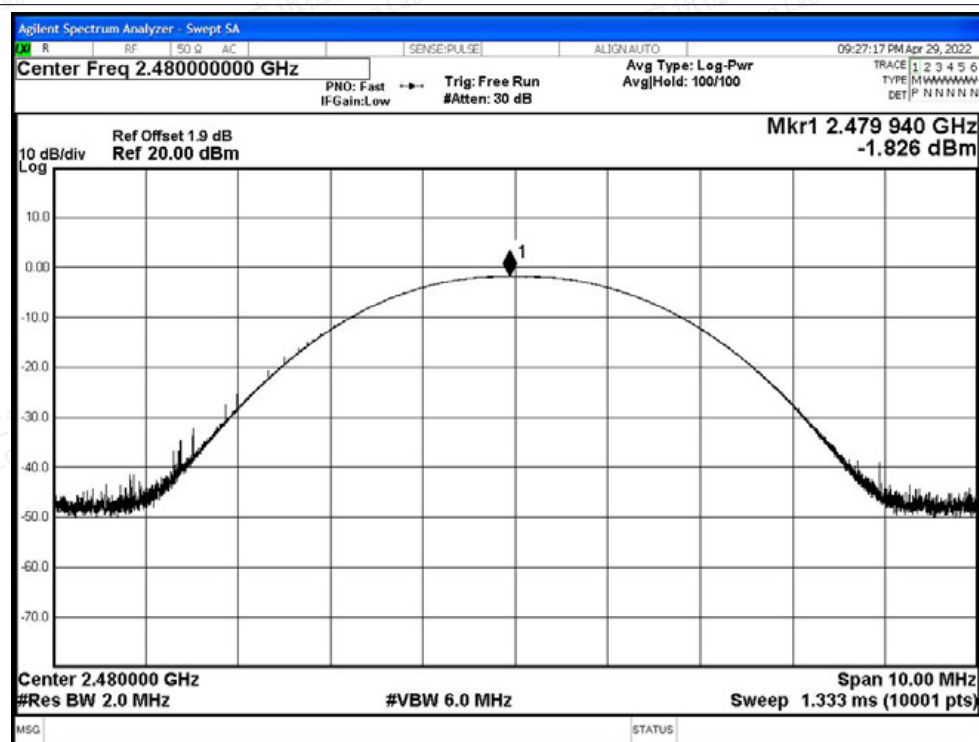


Power NVNT 1-DH5 2441MHz Ant1

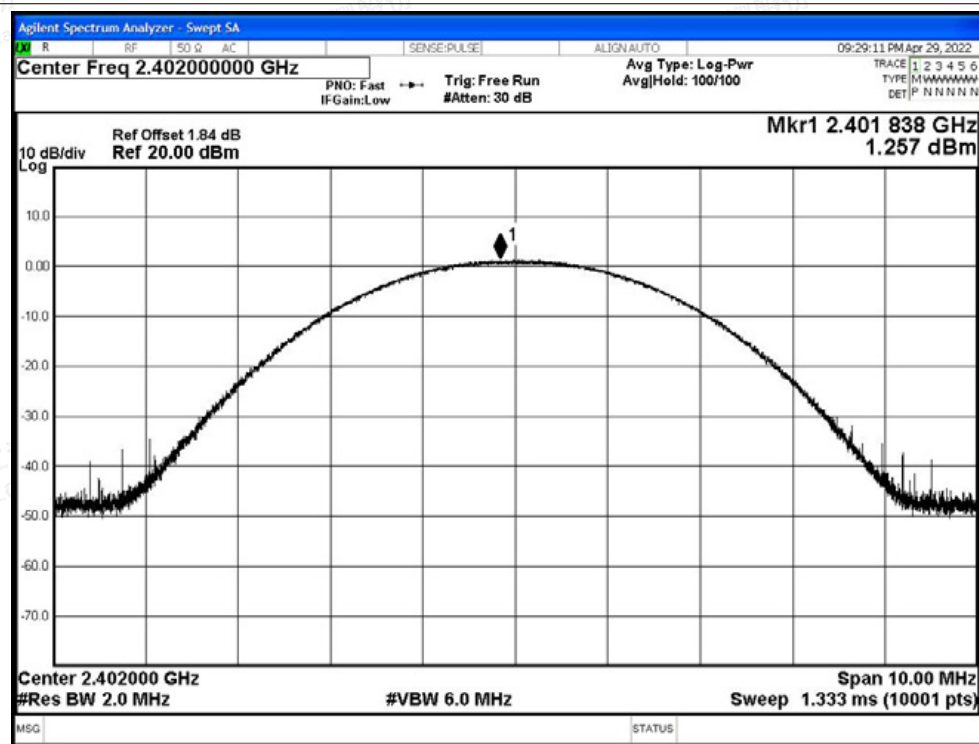




Power NVNT 1-DH5 2480MHz Ant1

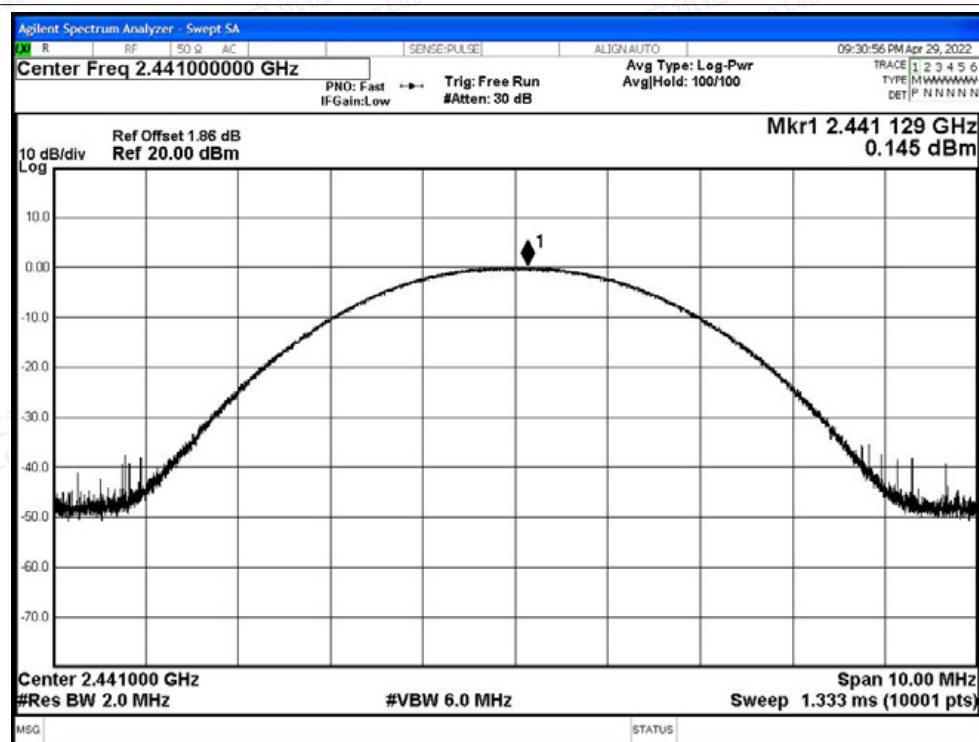


Power NVNT 2-DH5 2402MHz Ant1

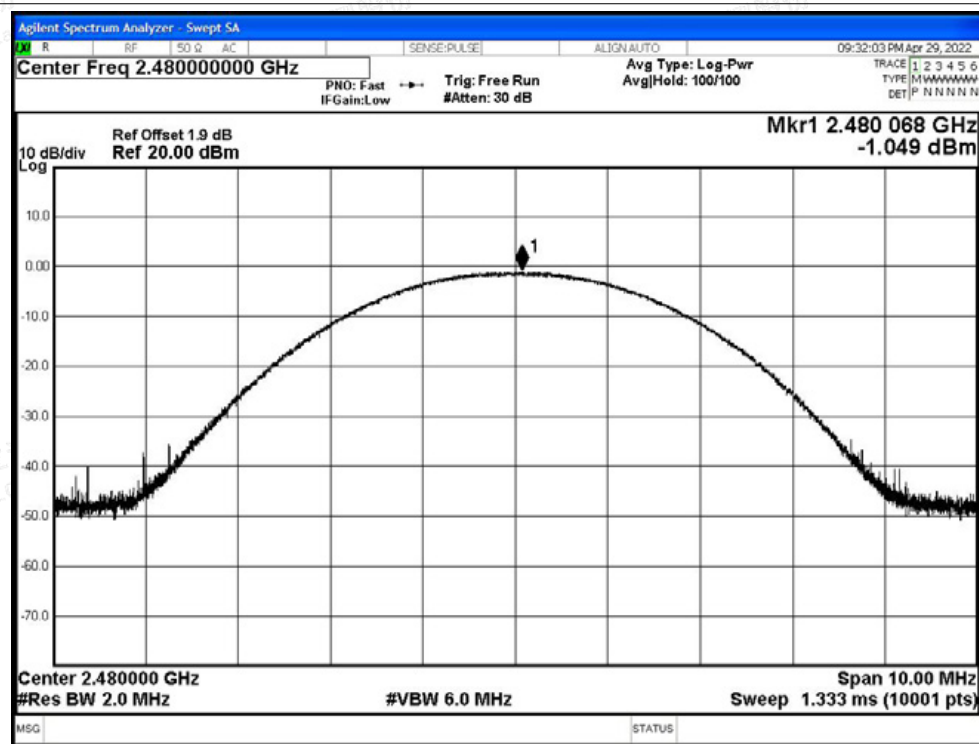




Power NVNT 2-DH5 2441MHz Ant1

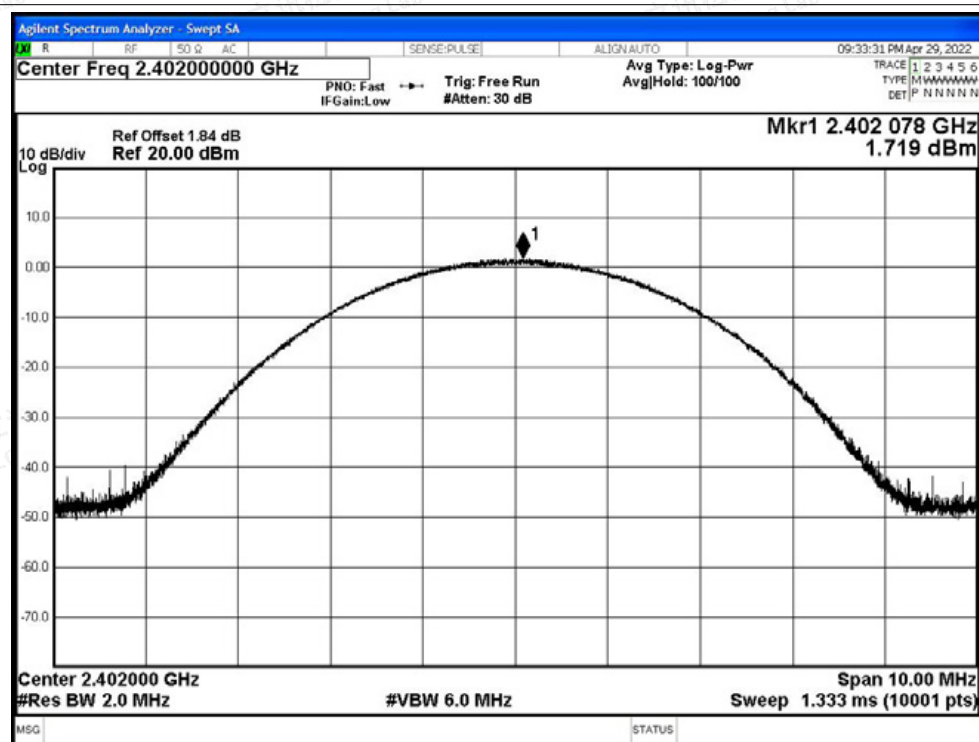


Power NVNT 2-DH5 2480MHz Ant1

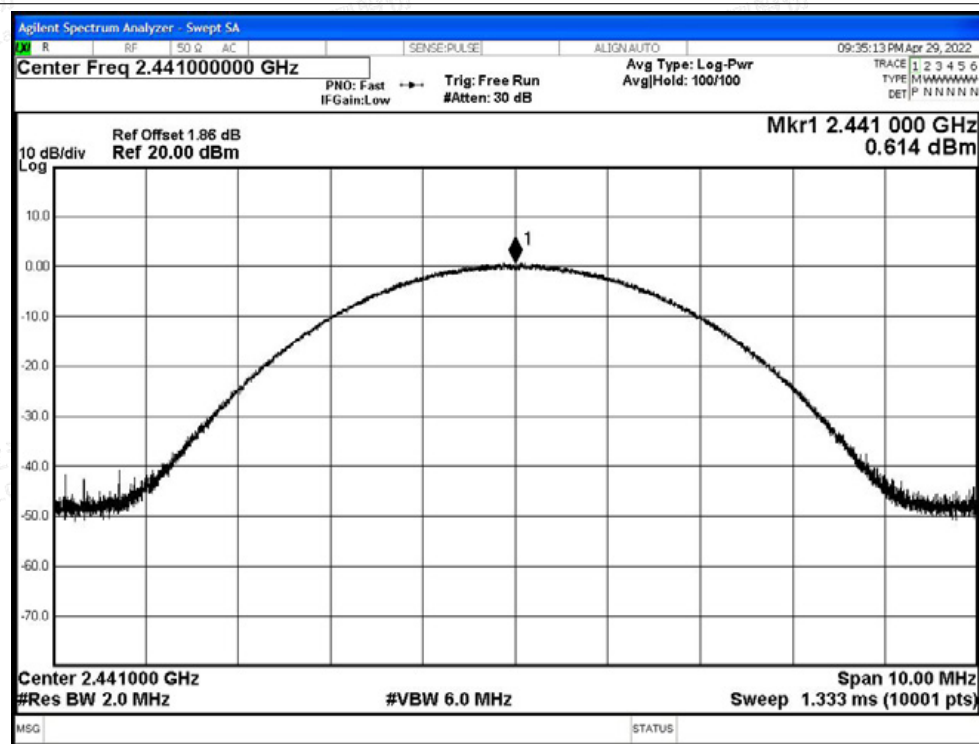


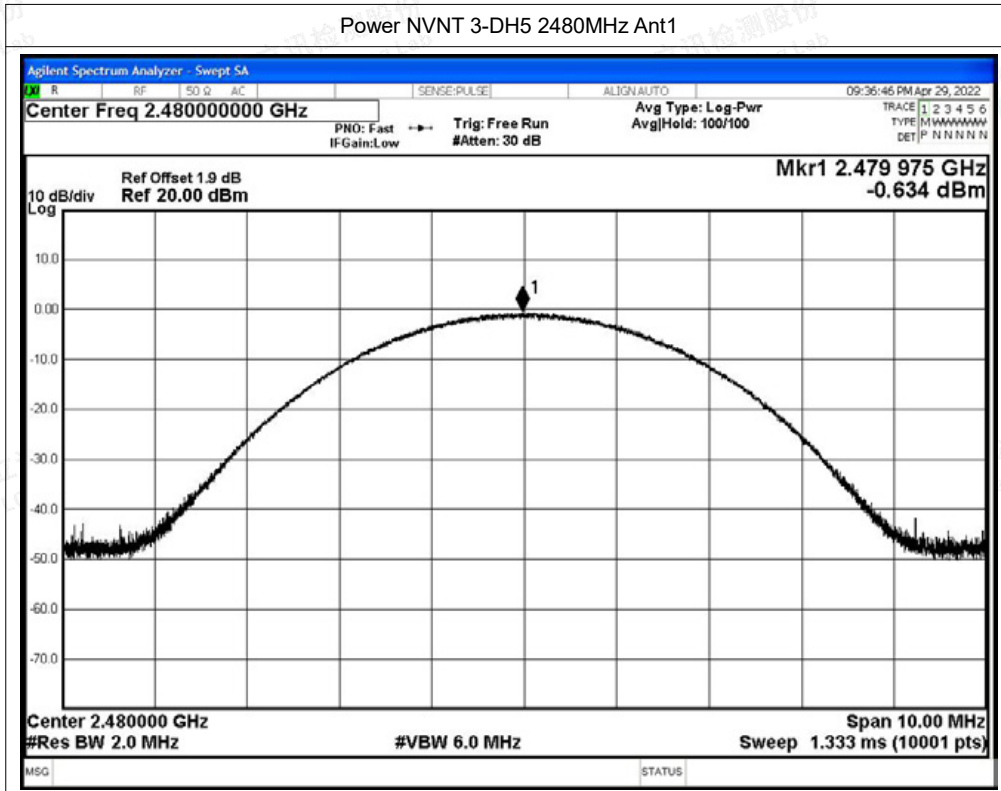


Power NVNT 3-DH5 2402MHz Ant1



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	2402.018	2402.976	0.958	0.627	Pass
NVNT	2-DH5	Ant1	2402.002	2402.936	0.934	0.855	Pass
NVNT	3-DH5	Ant1	2401.846	2403.004	1.158	0.862	Pass



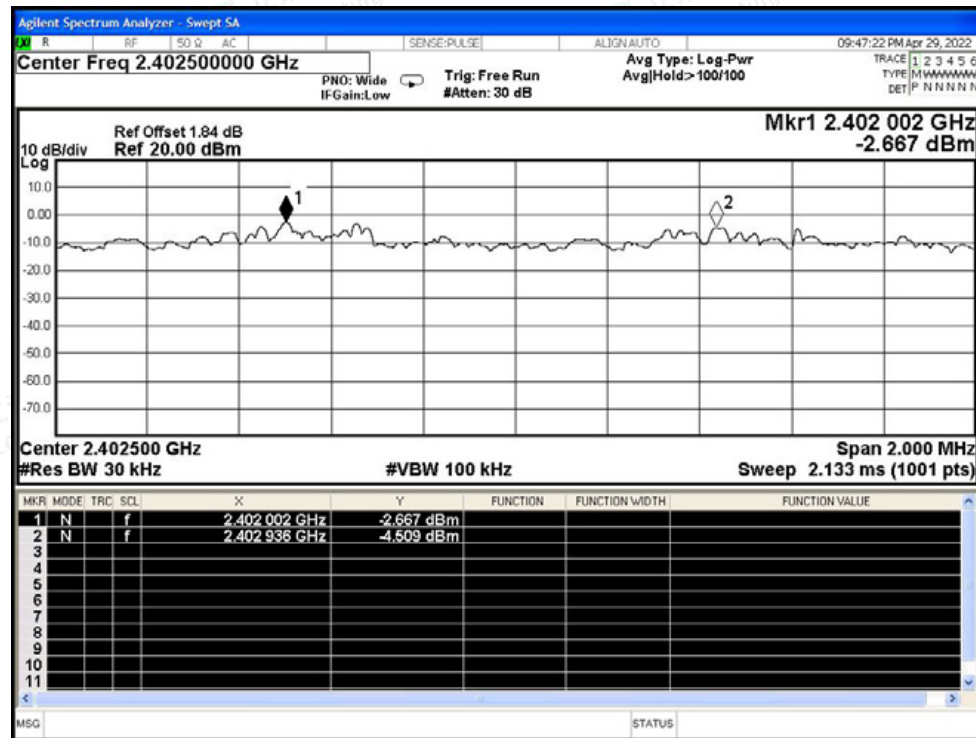


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1

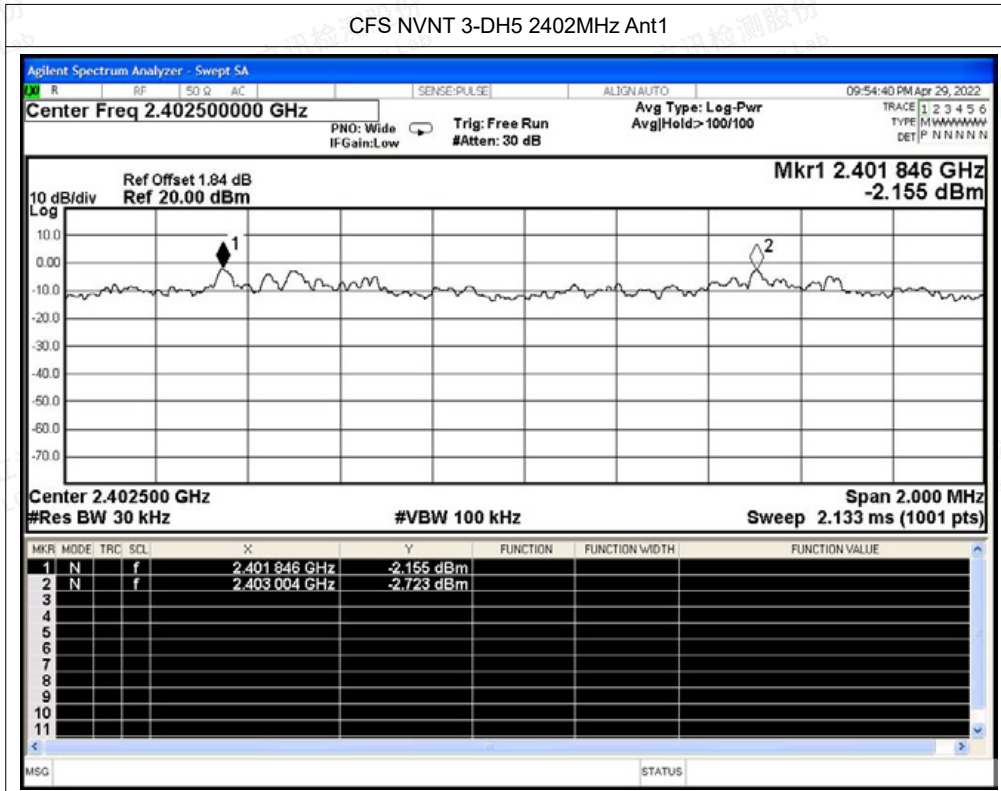


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.4 Dwell Time

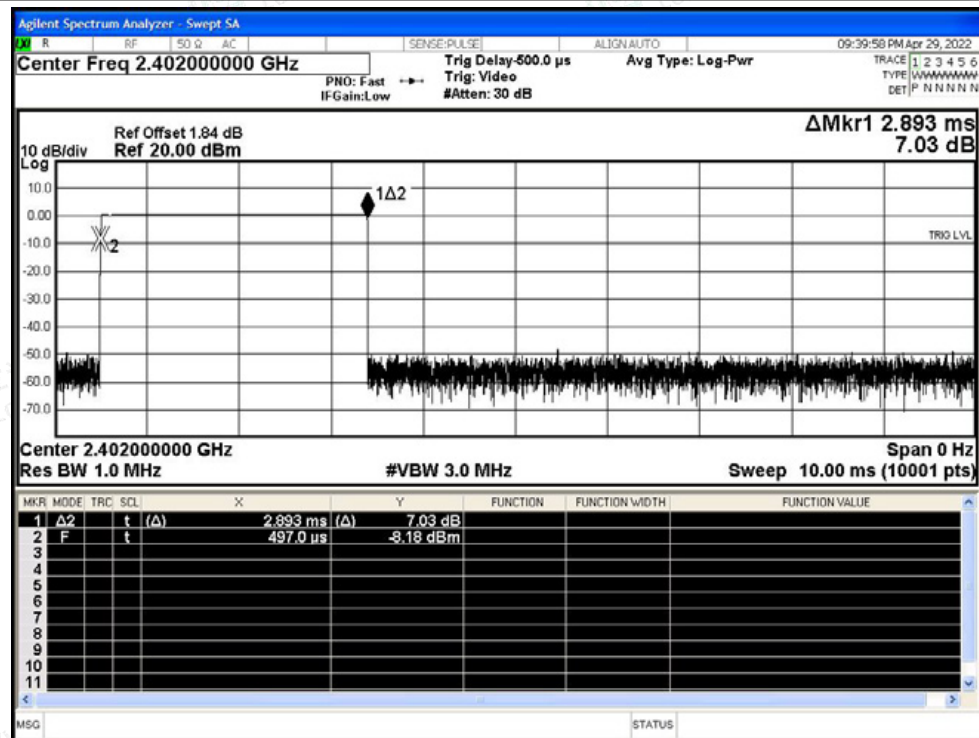
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.893	318.23	110	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.893	297.979	103	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.894	347.28	120	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.896	280.912	97	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.895	292.395	101	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.899	260.91	90	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.902	330.828	114	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.898	307.188	106	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.898	286.902	99	31600	400	Pass



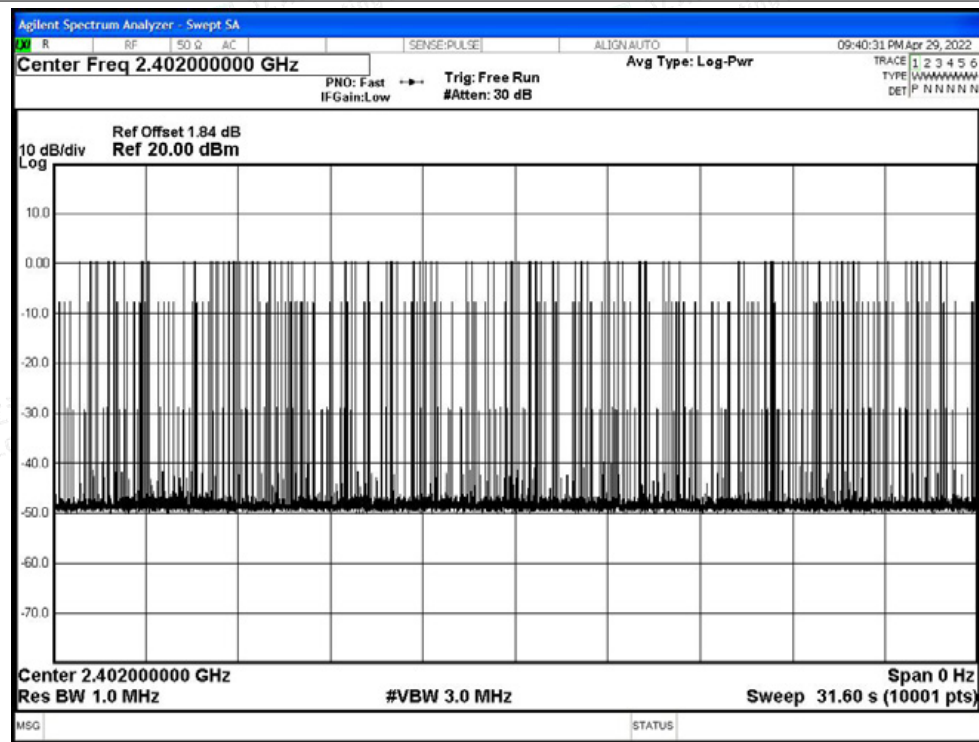


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

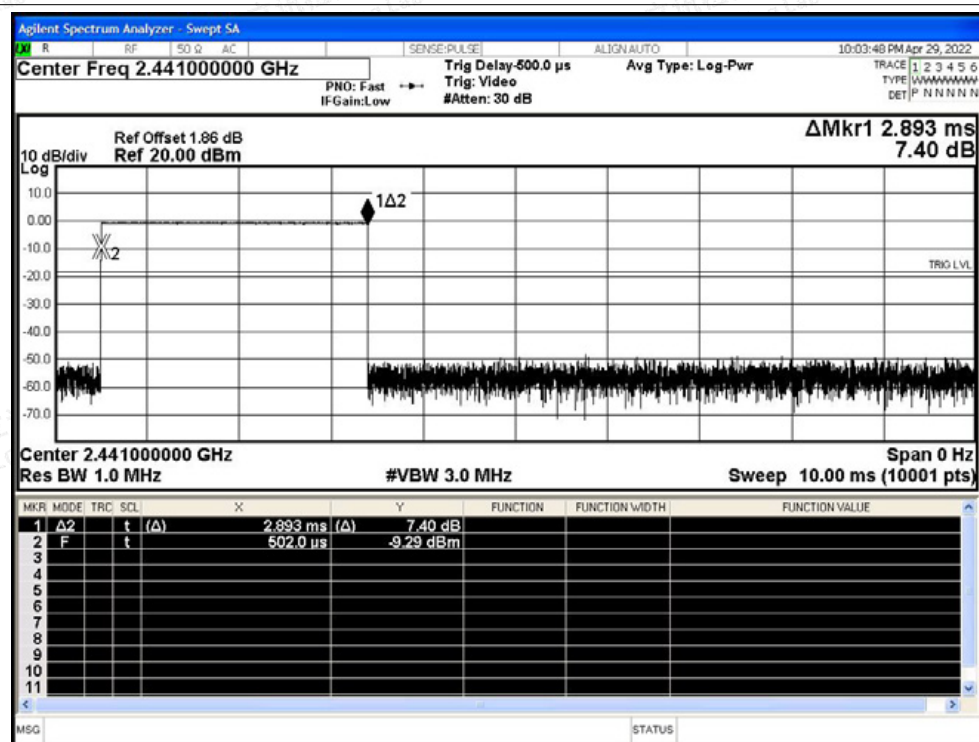


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

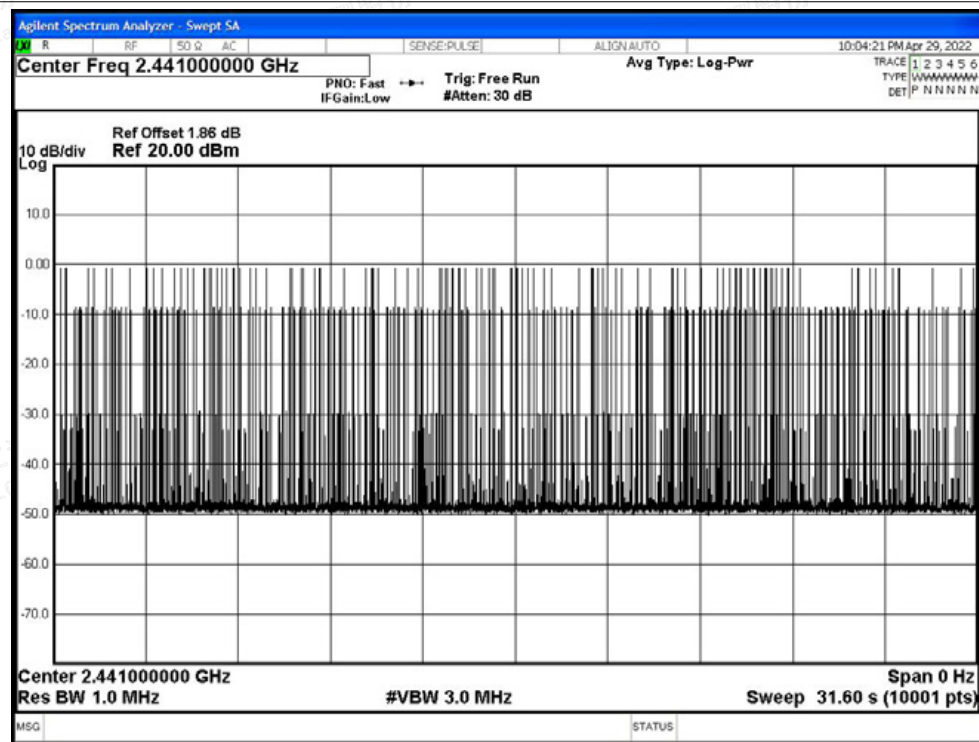




Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

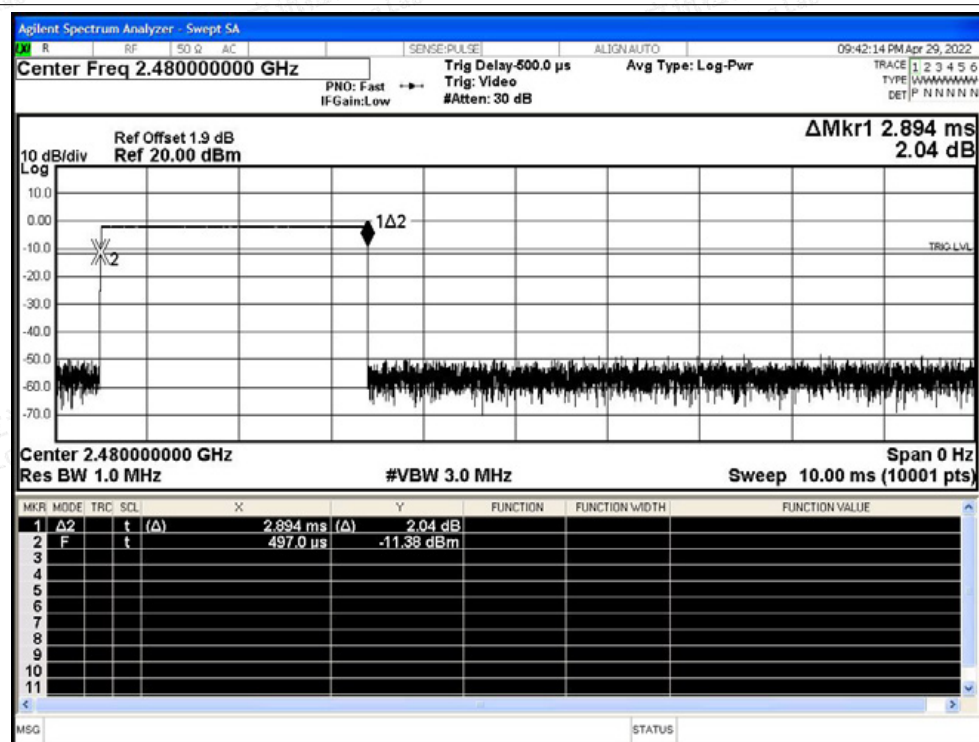


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

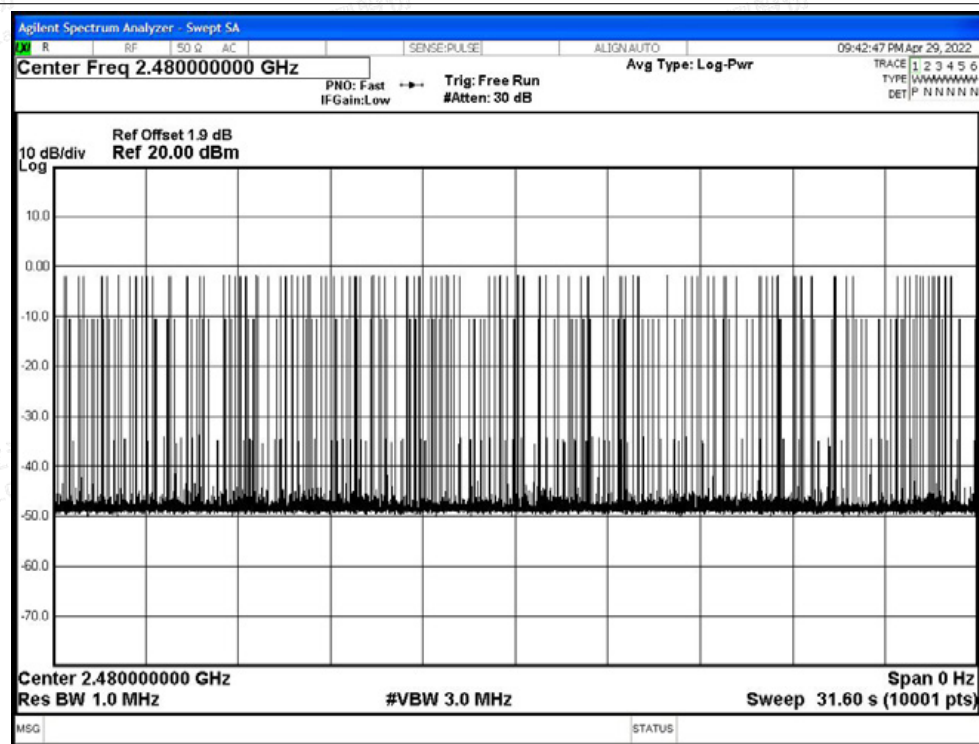




Dwell NVNT 1-DH5 2480MHz Ant1 One Burst

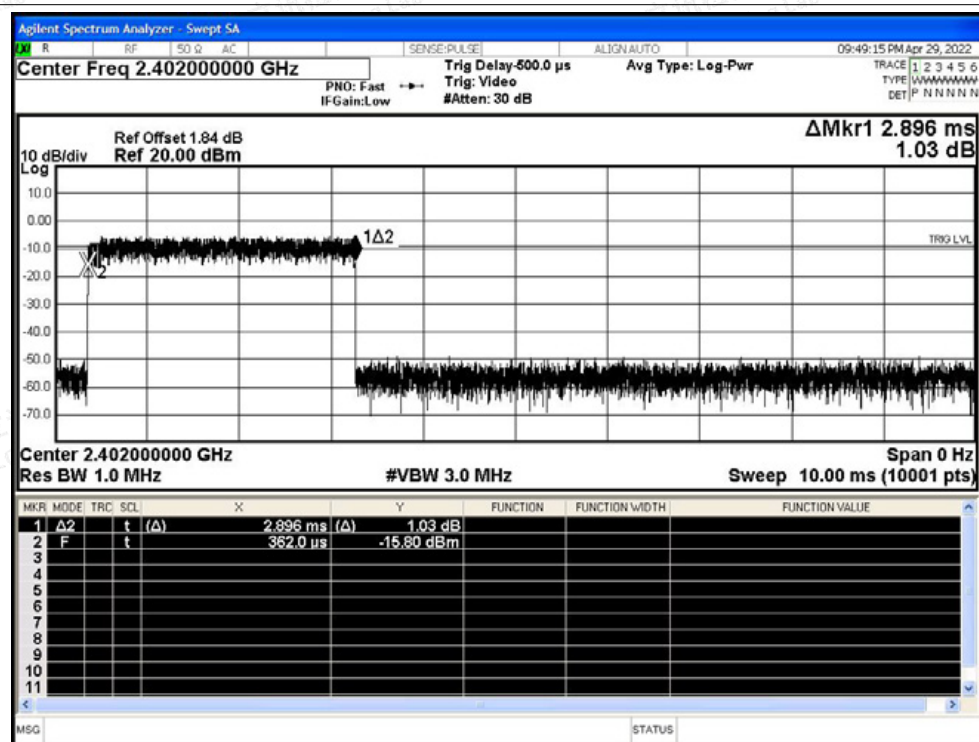


Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

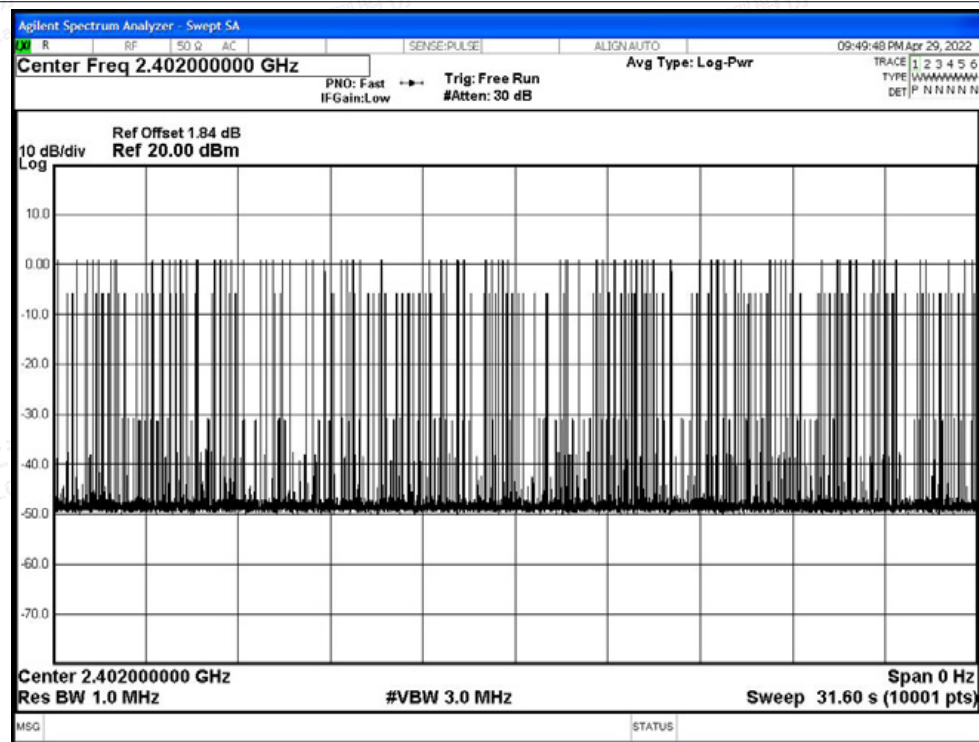




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

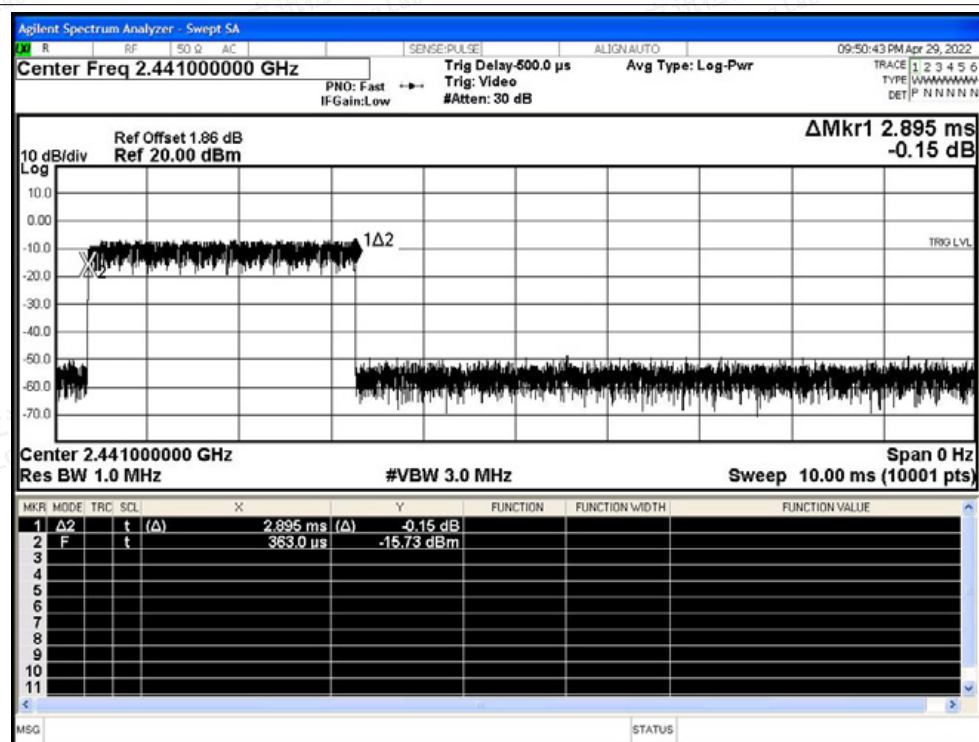


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

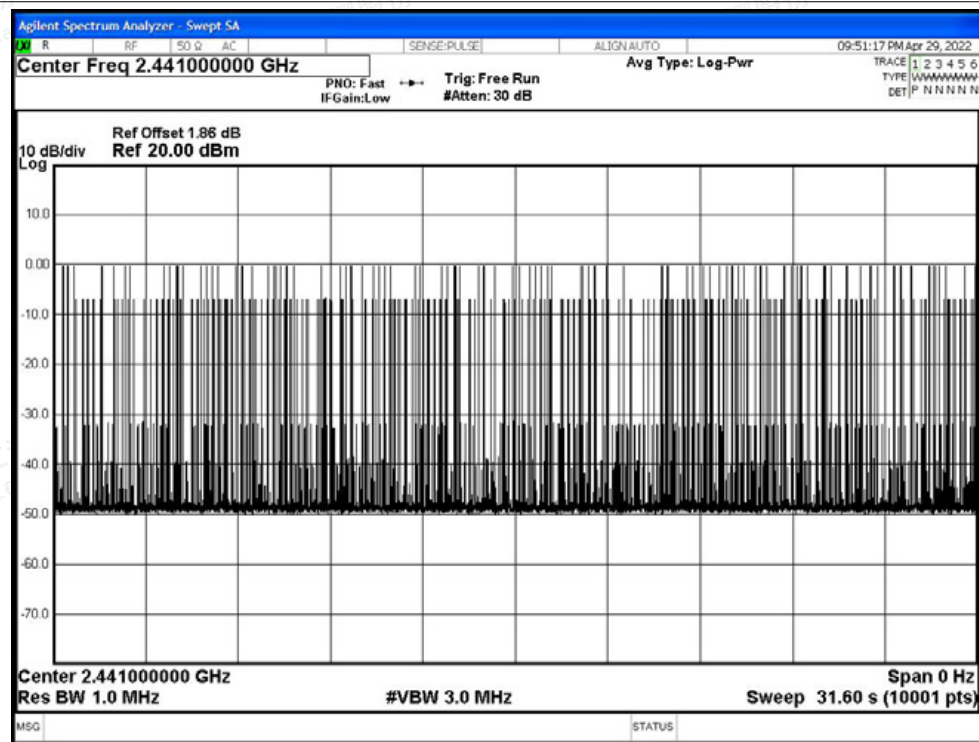




Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

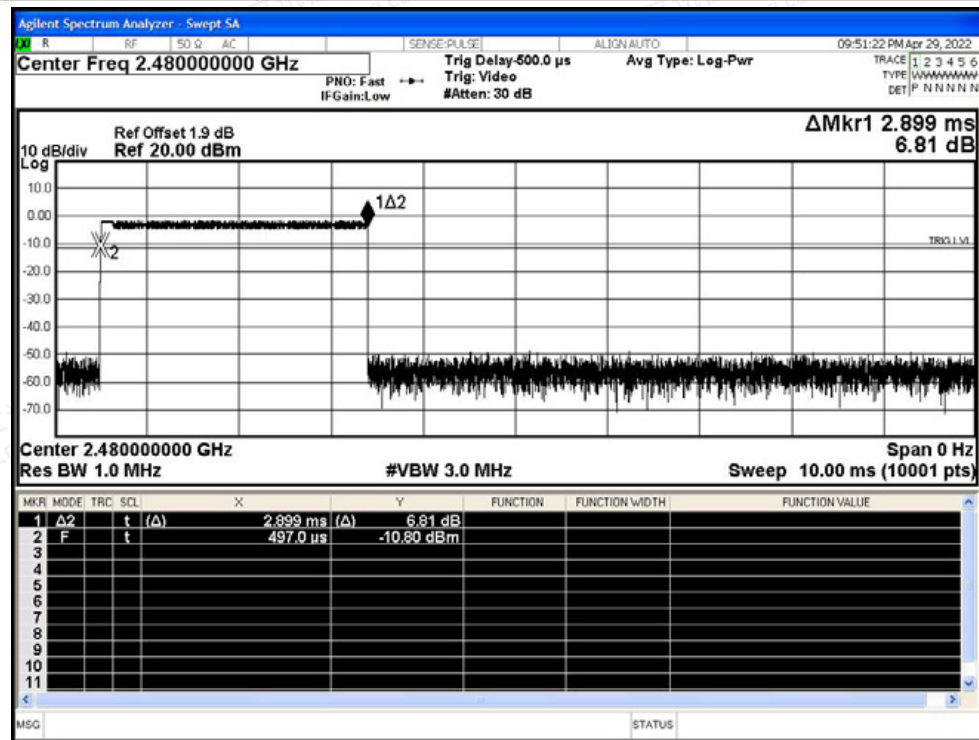


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

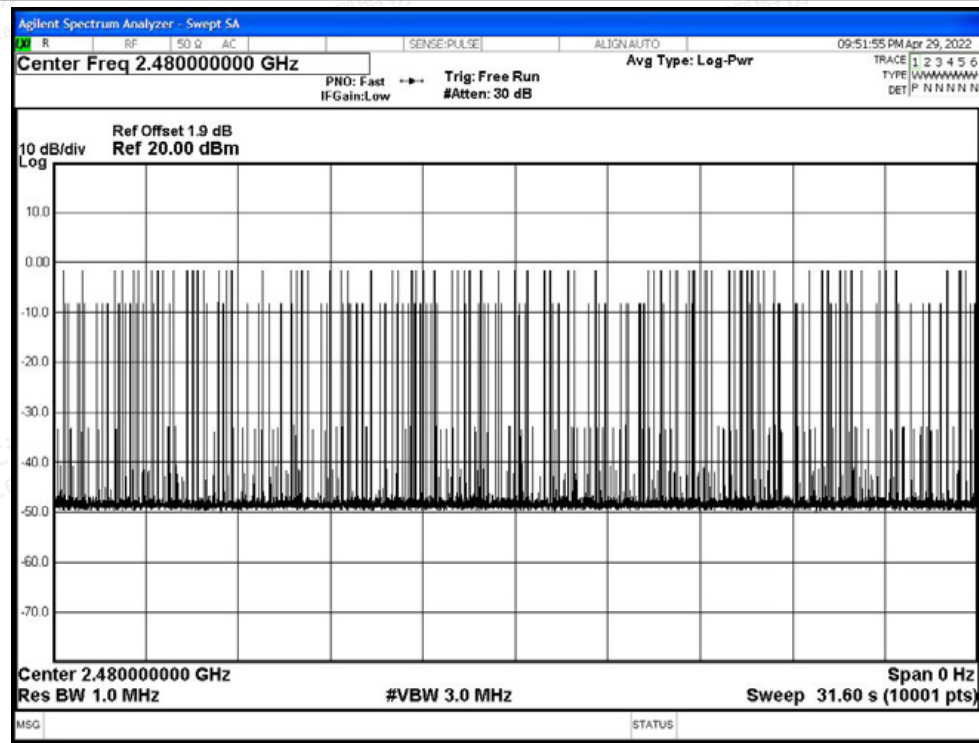




Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

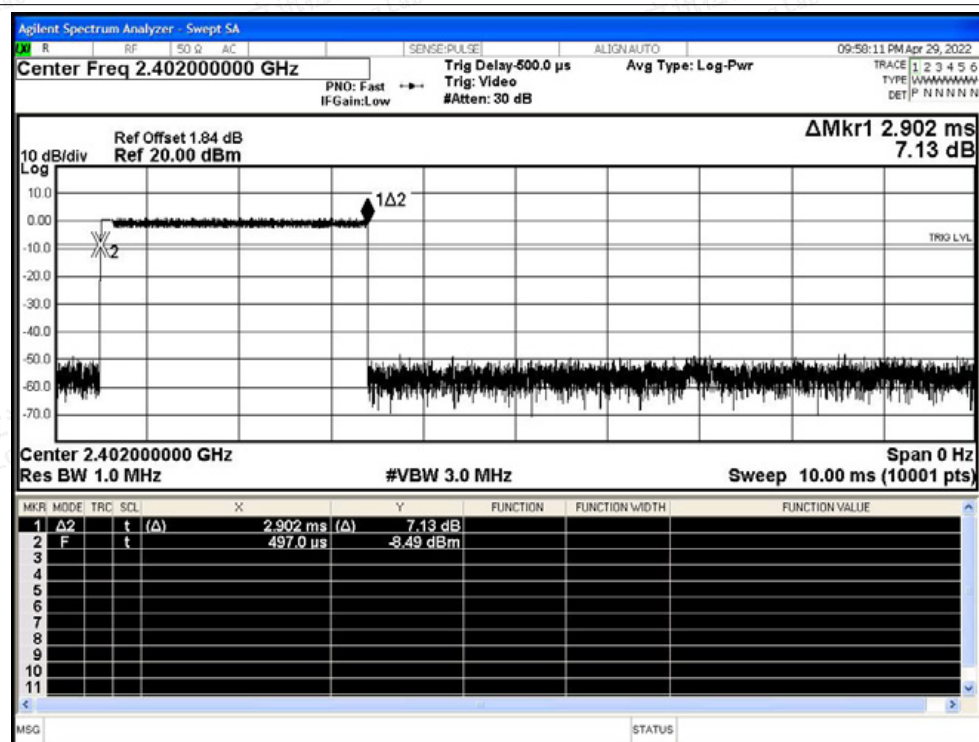


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

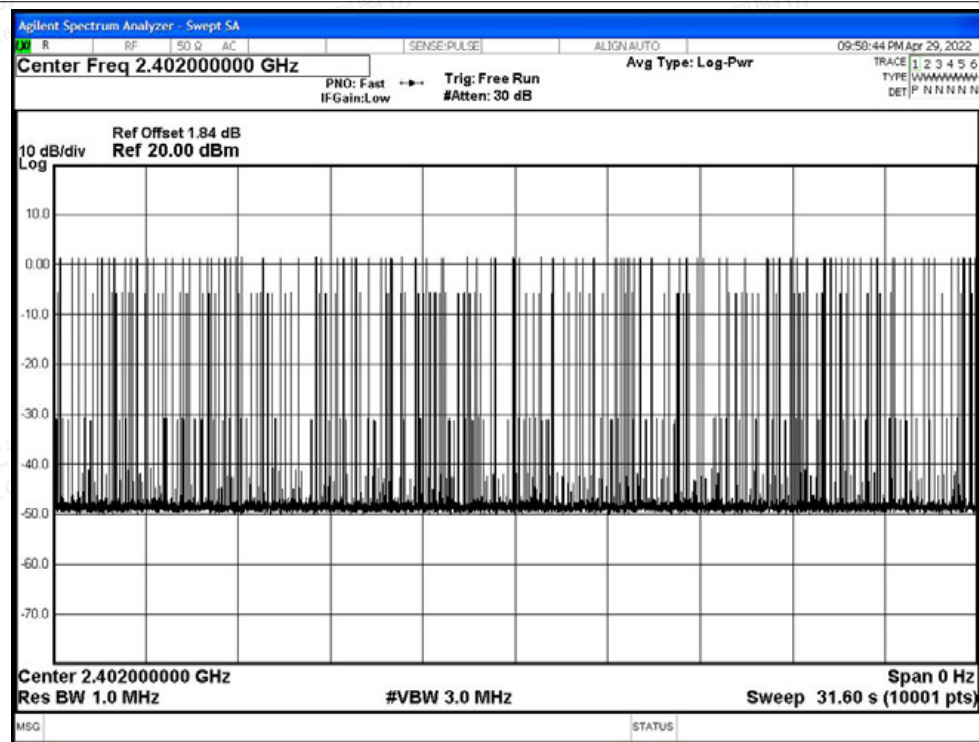




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

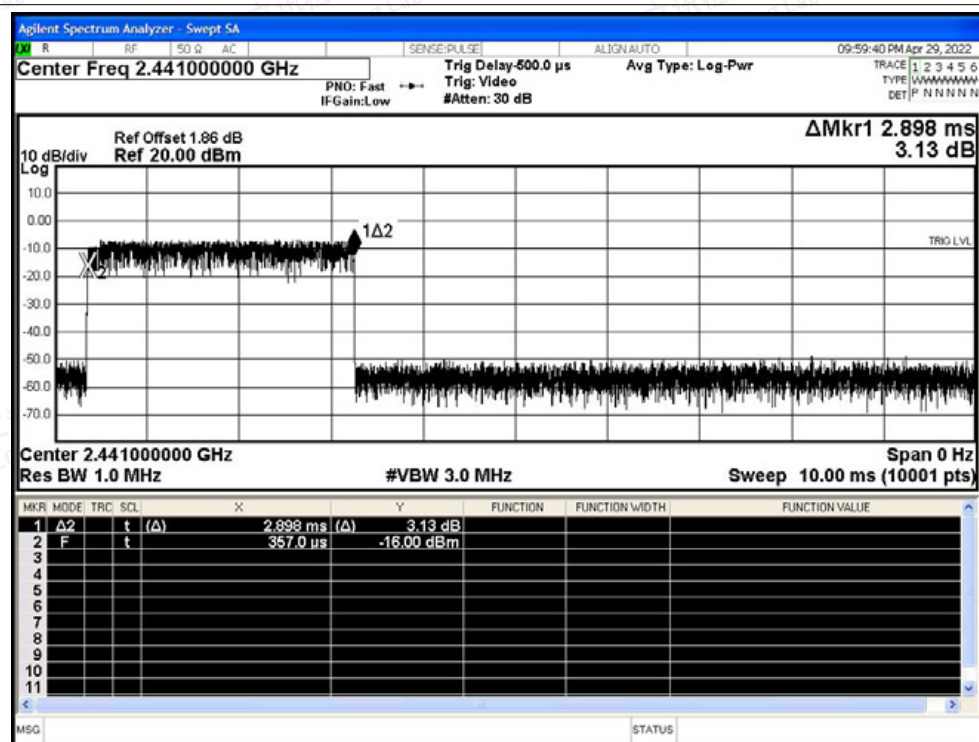


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

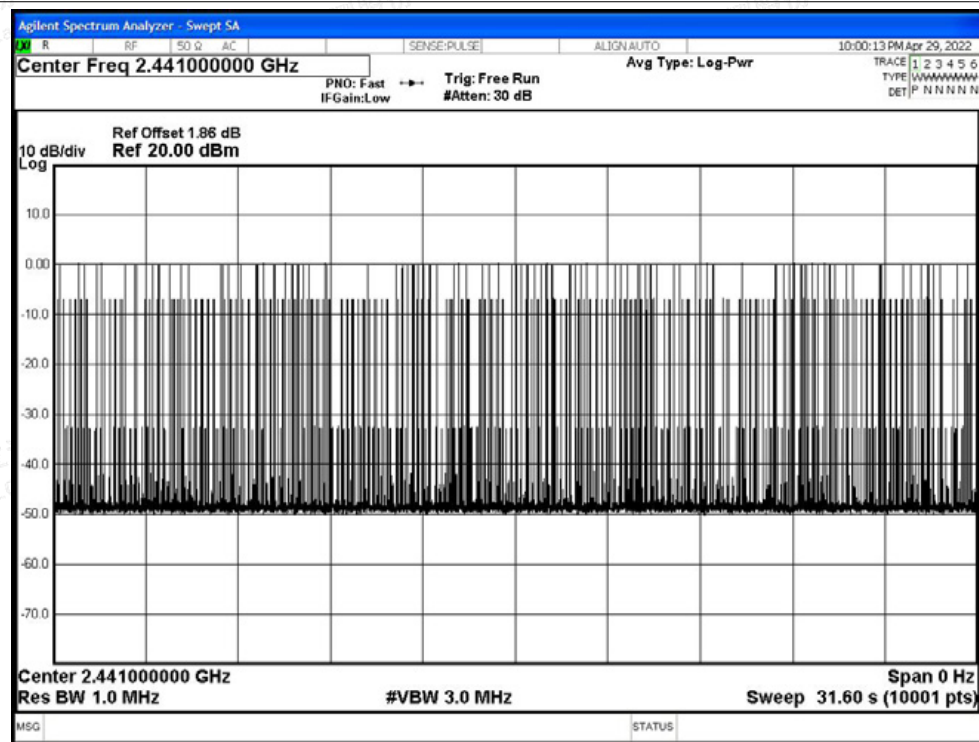




Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

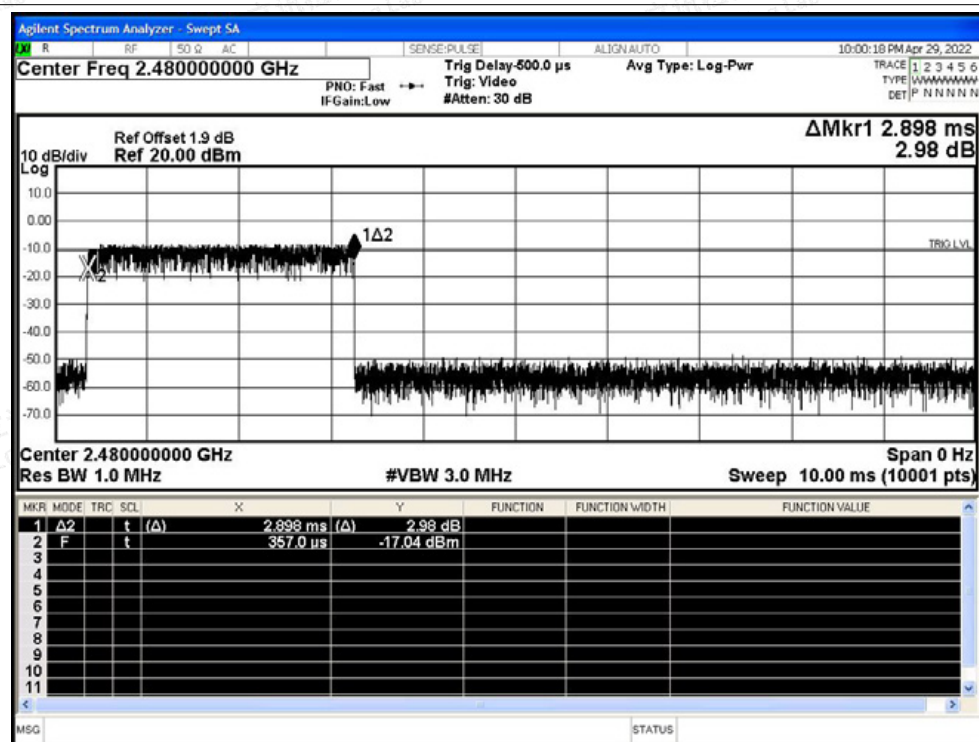


Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

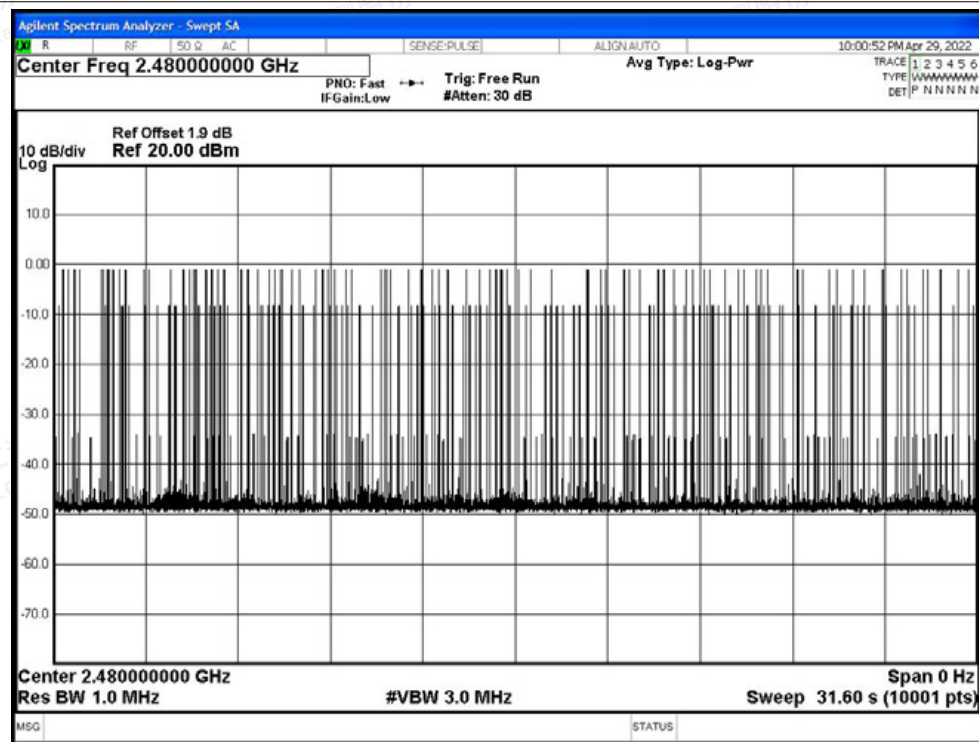




Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated





A.5 Number of Hopping Channel

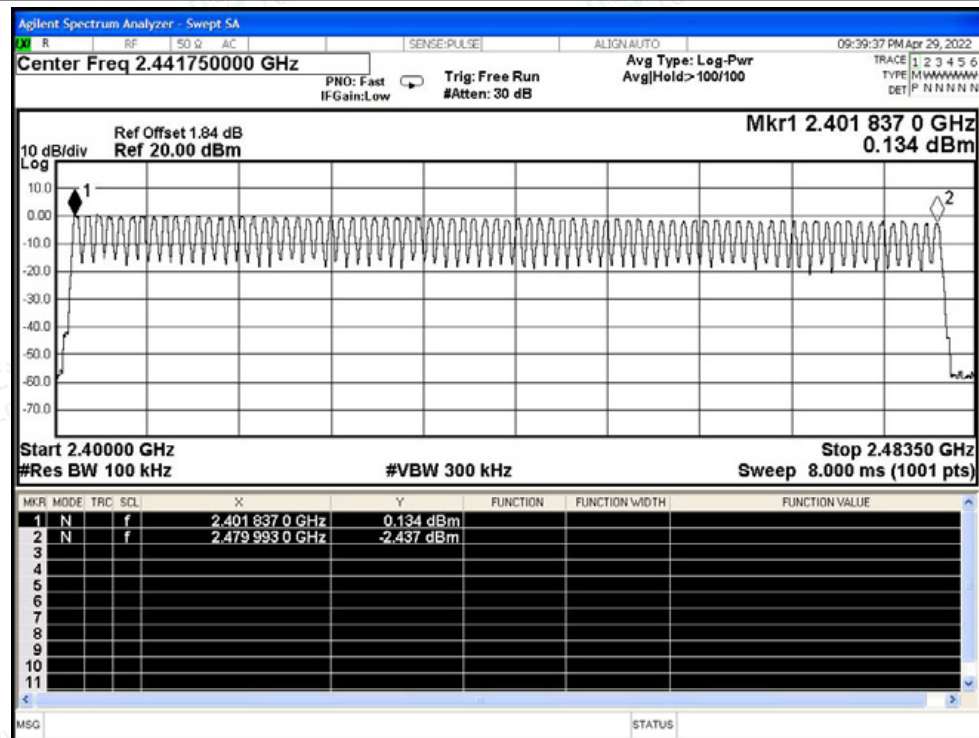
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



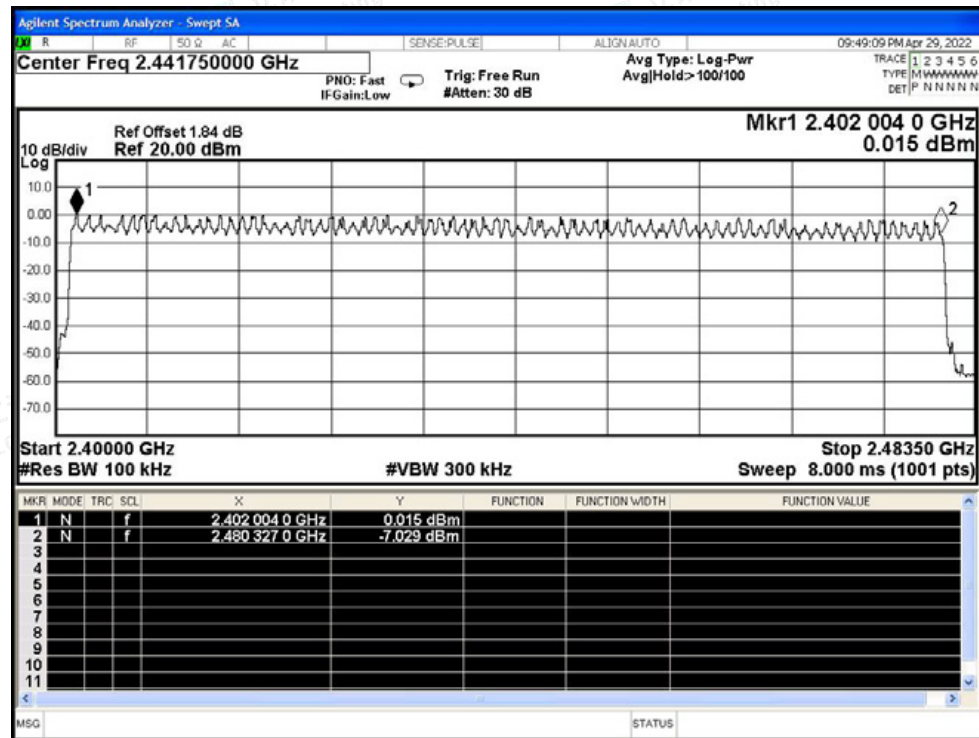


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

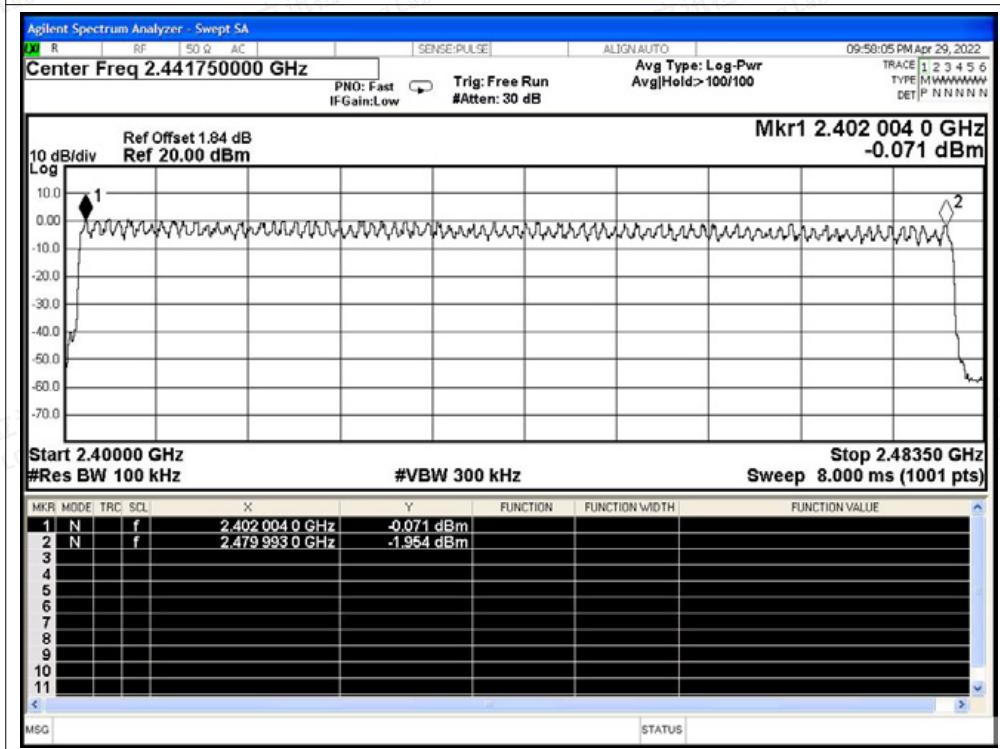


Hopping No. NVNT 2-DH5 2402MHz Ant1





Hopping No. NVNT 3-DH5 2402MHz Ant1





A.6 Band Edge

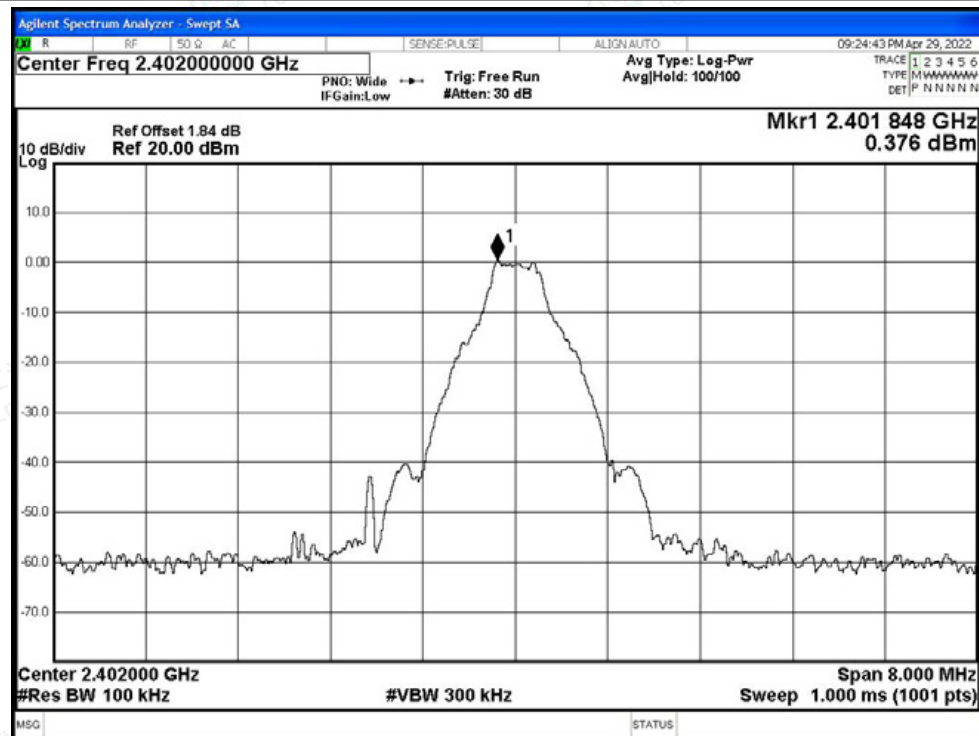
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.53	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-54.25	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.55	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.07	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-55.67	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.35	-20	Pass



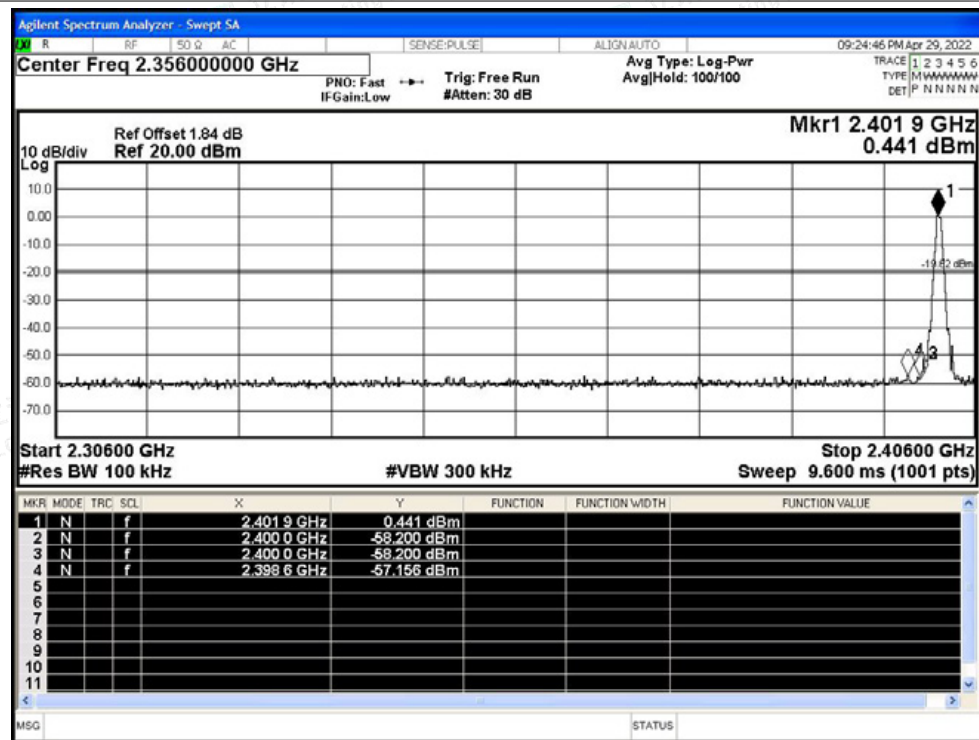


Test Graphs

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

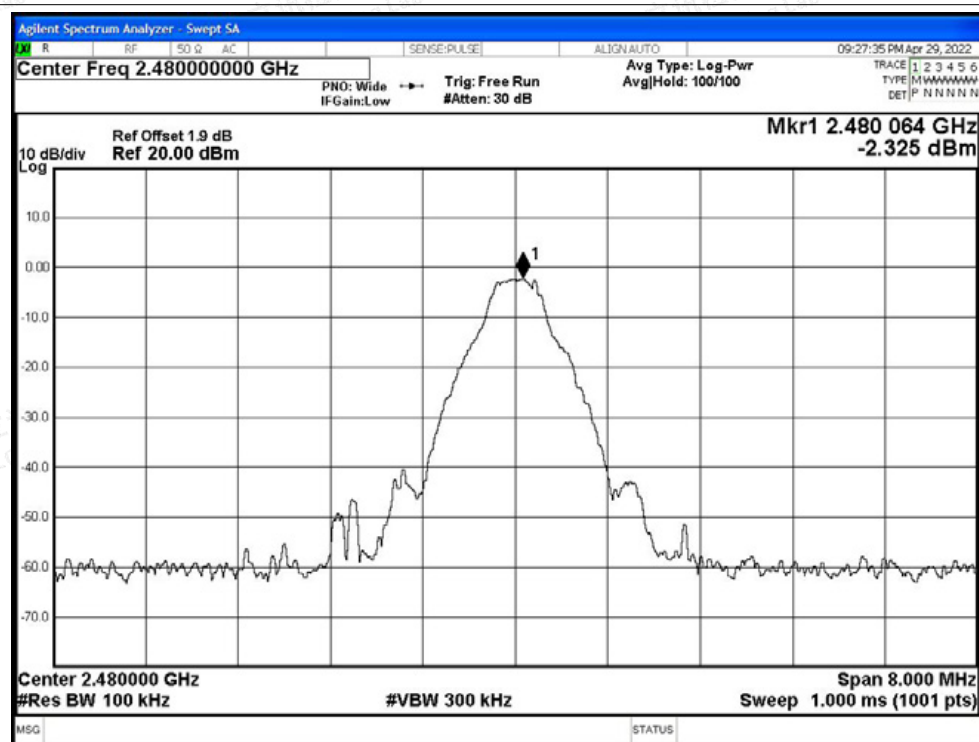


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission





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



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

