



## Appendix A

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

Product Name: Wireless earbuds with charging case

Test Model: X6

#### Environmental Conditions

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





### A.1 -20dB Bandwidth

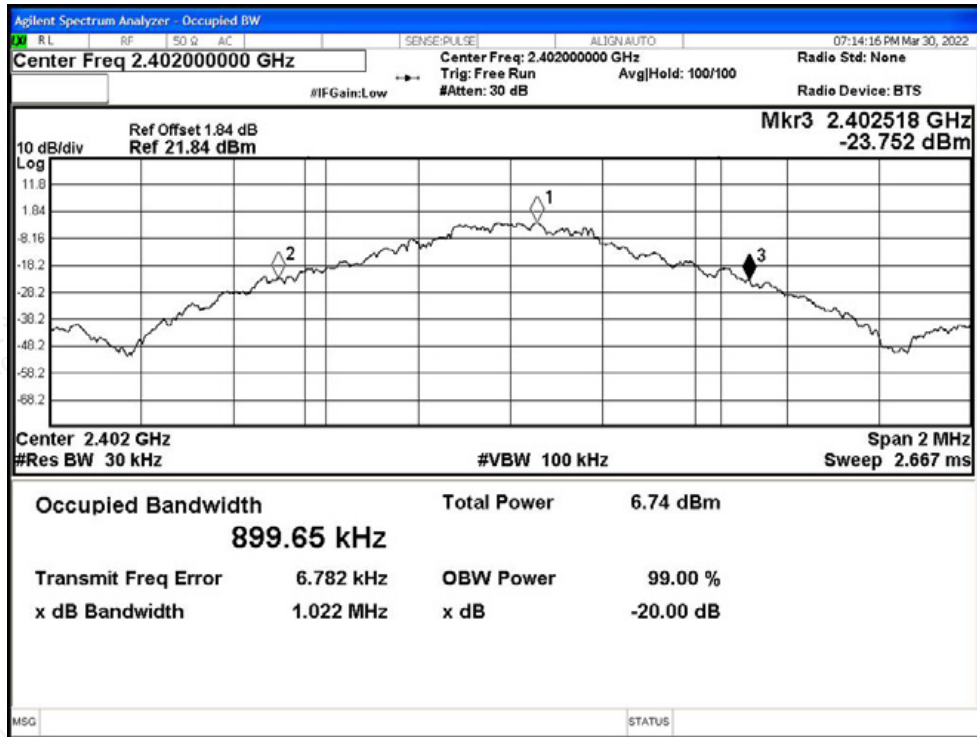
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.022	---	Pass
NVNT	1-DH5	2441	Ant1	0.959	---	Pass
NVNT	1-DH5	2480	Ant1	0.965	---	Pass
NVNT	2-DH5	2402	Ant1	1.321	---	Pass
NVNT	2-DH5	2441	Ant1	1.282	---	Pass
NVNT	2-DH5	2480	Ant1	1.323	---	Pass
NVNT	3-DH5	2402	Ant1	1.303	---	Pass
NVNT	3-DH5	2441	Ant1	1.282	---	Pass
NVNT	3-DH5	2480	Ant1	1.306	---	Pass





Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

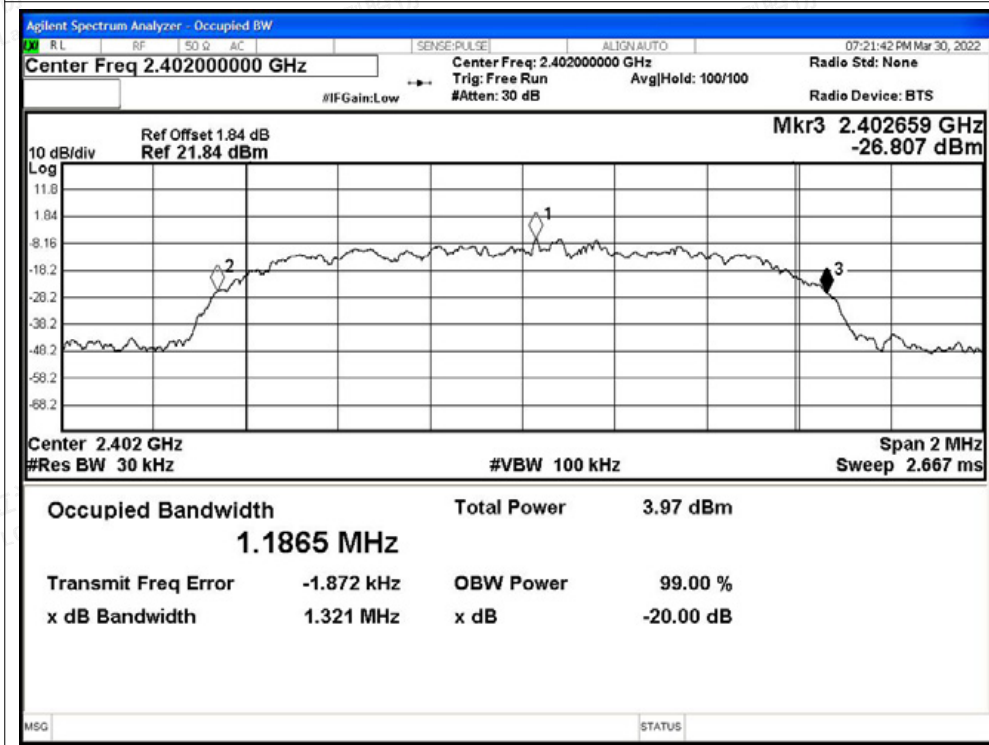




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

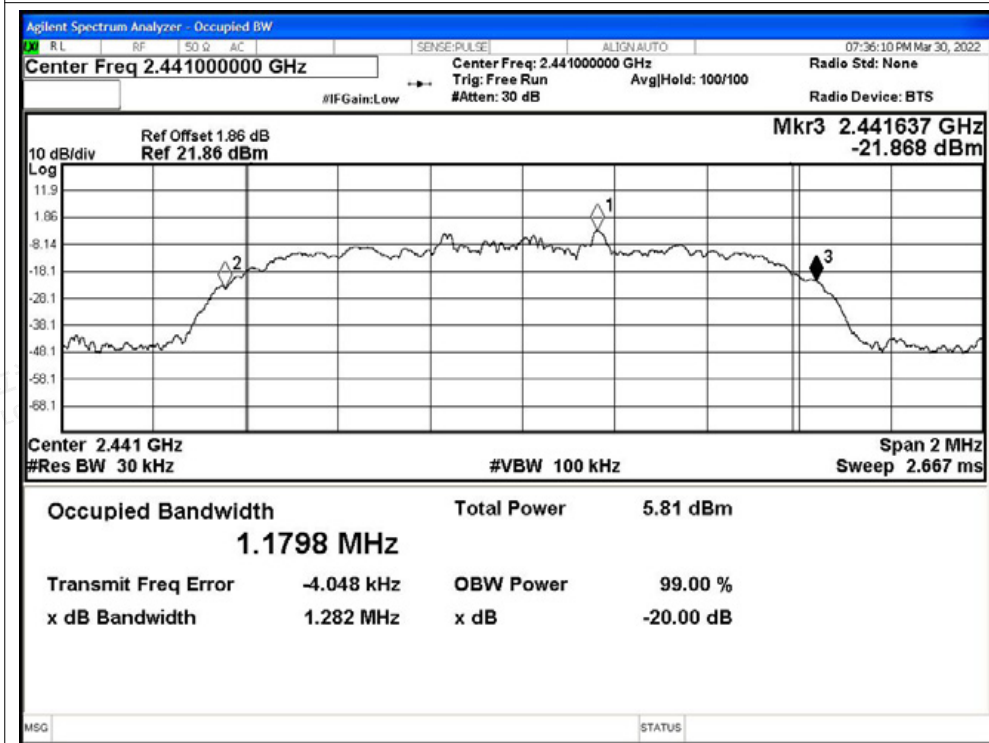


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

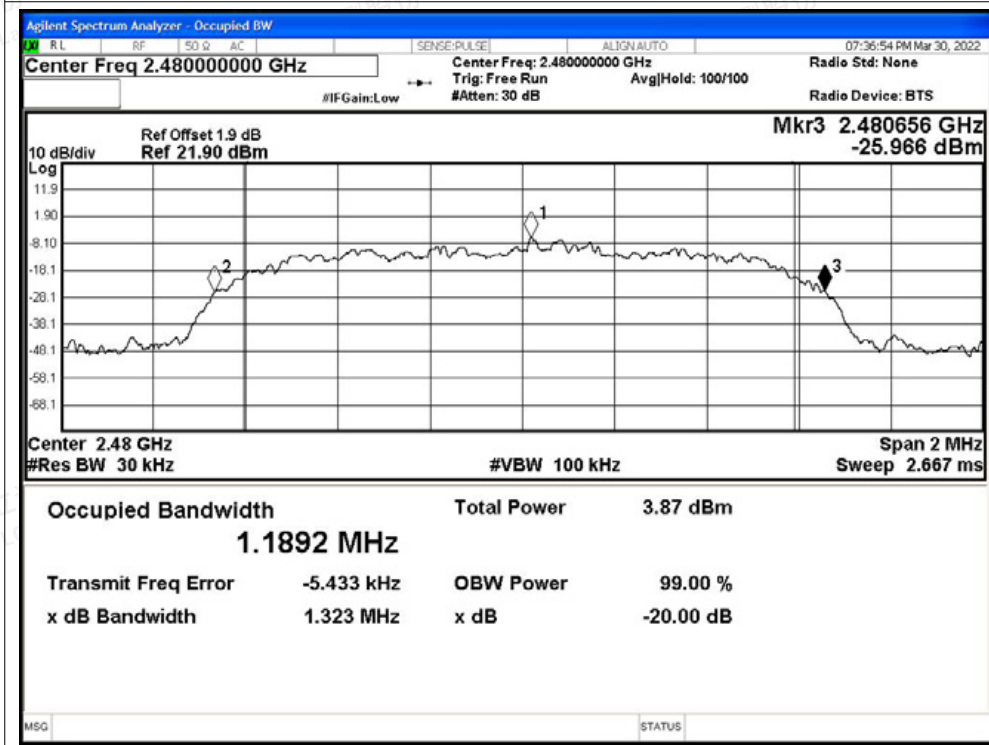




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



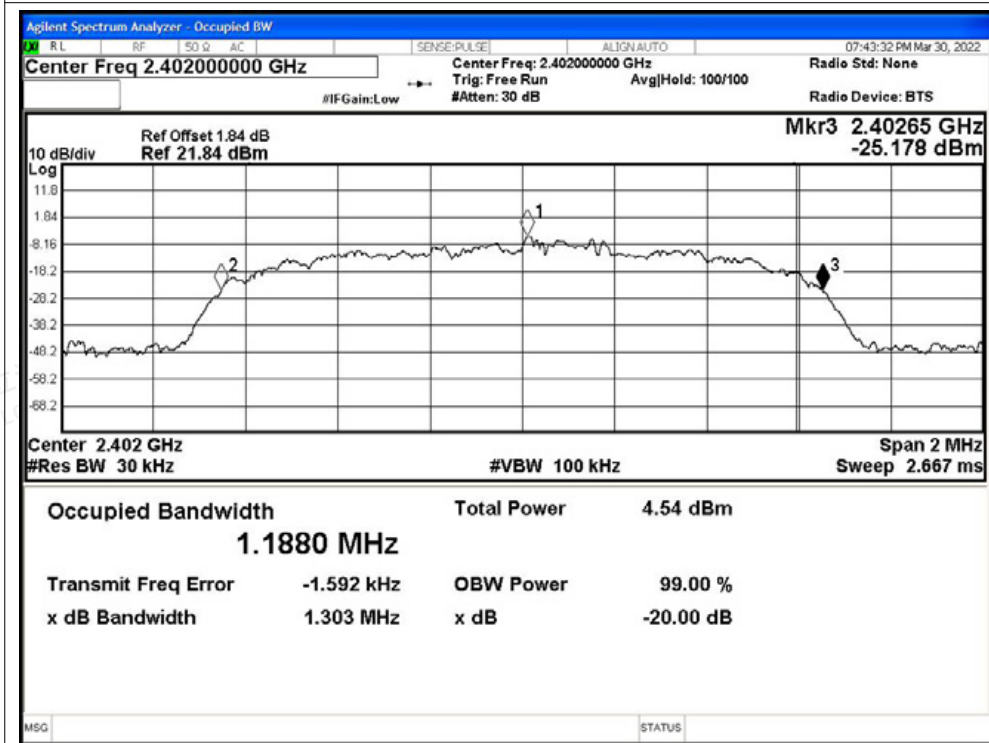
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



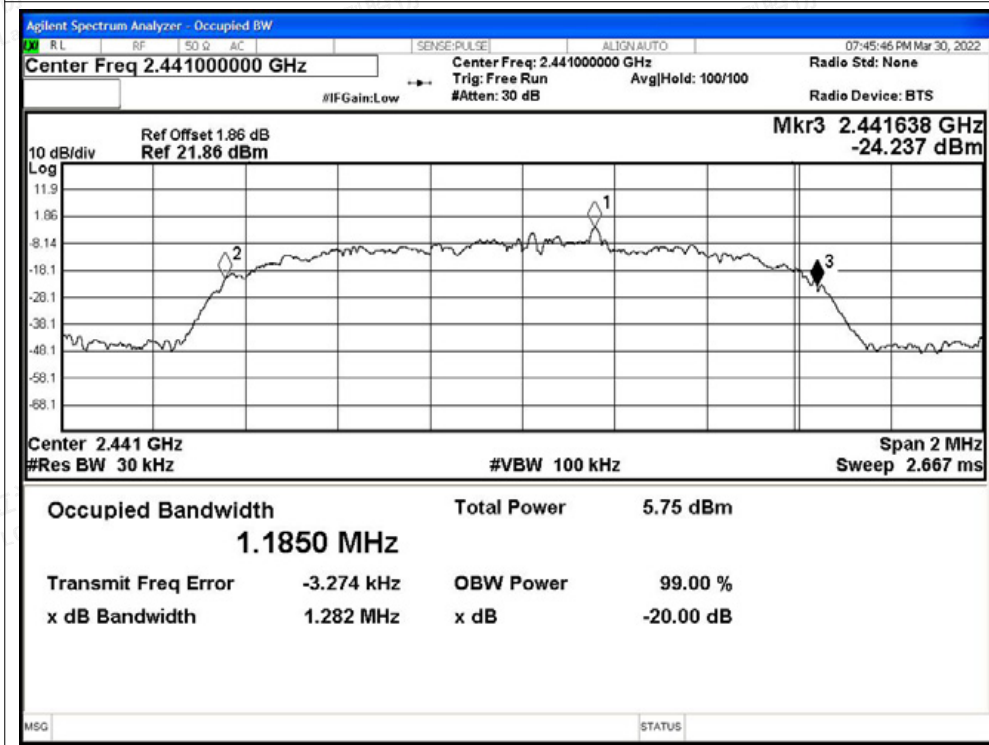




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

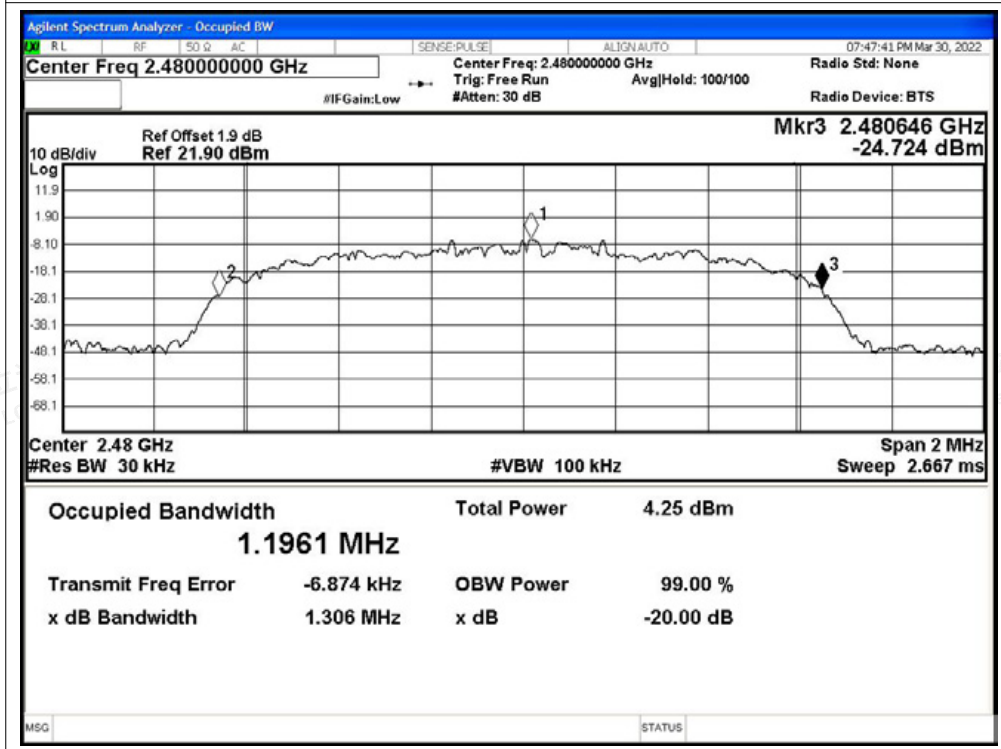


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-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	0.47	20.97	Pass
NVNT	1-DH5	2441	Ant1	1.78	20.97	Pass
NVNT	1-DH5	2480	Ant1	0.26	20.97	Pass
NVNT	2-DH5	2402	Ant1	-0.37	20.97	Pass
NVNT	2-DH5	2441	Ant1	0.88	20.97	Pass
NVNT	2-DH5	2480	Ant1	-0.6	20.97	Pass
NVNT	3-DH5	2402	Ant1	-0.27	20.97	Pass
NVNT	3-DH5	2441	Ant1	0.97	20.97	Pass
NVNT	3-DH5	2480	Ant1	-0.48	20.97	Pass

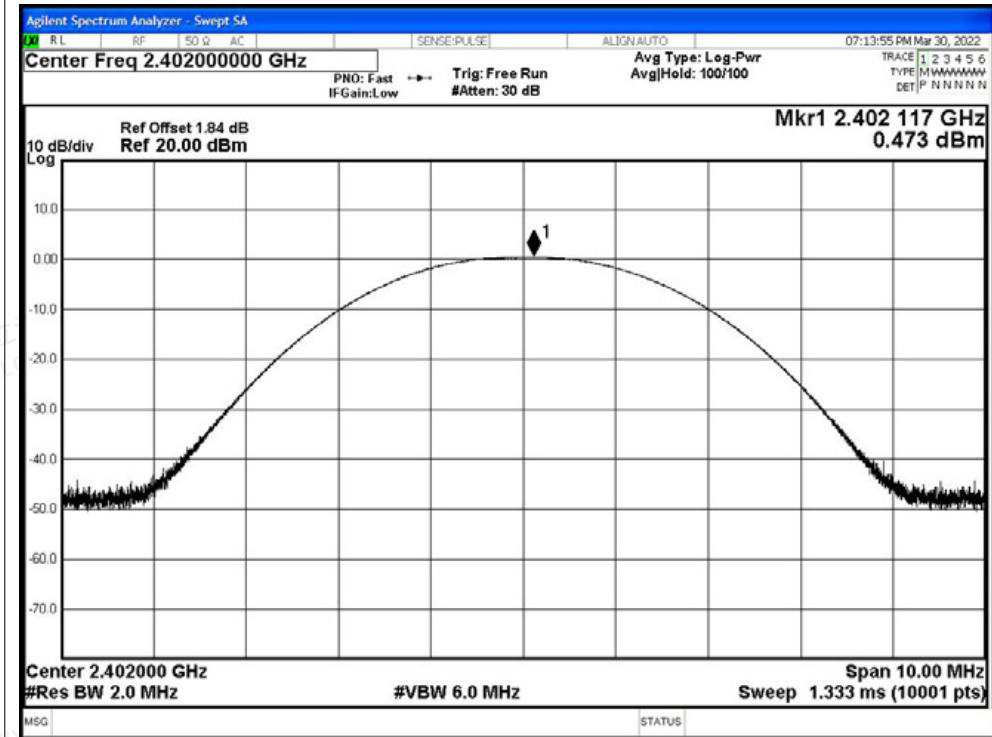




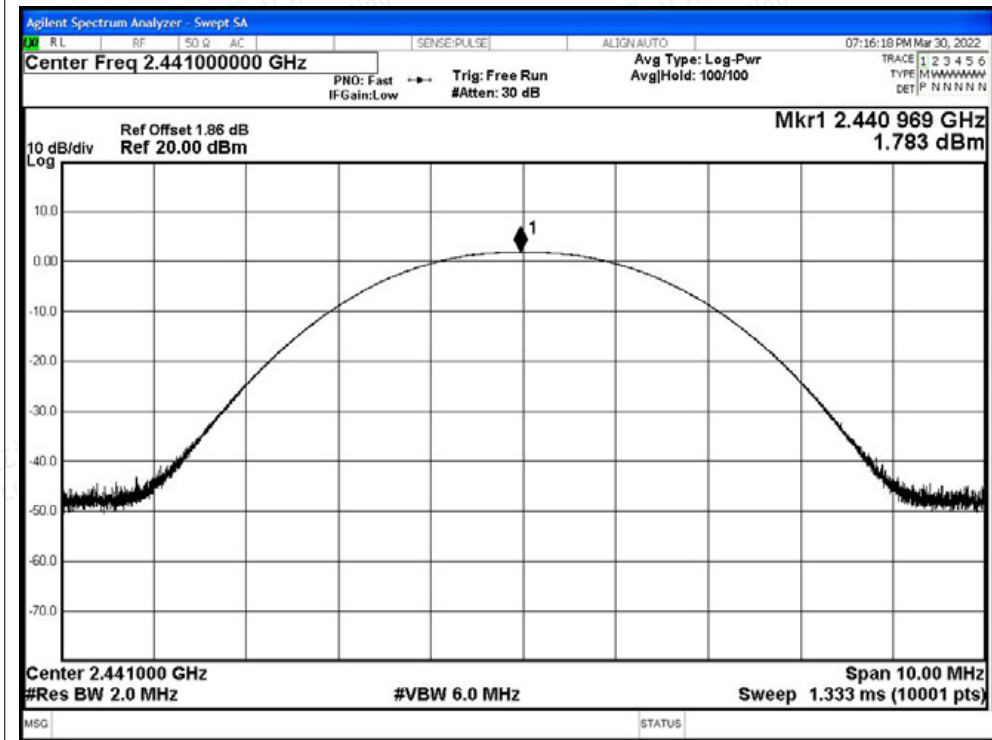


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

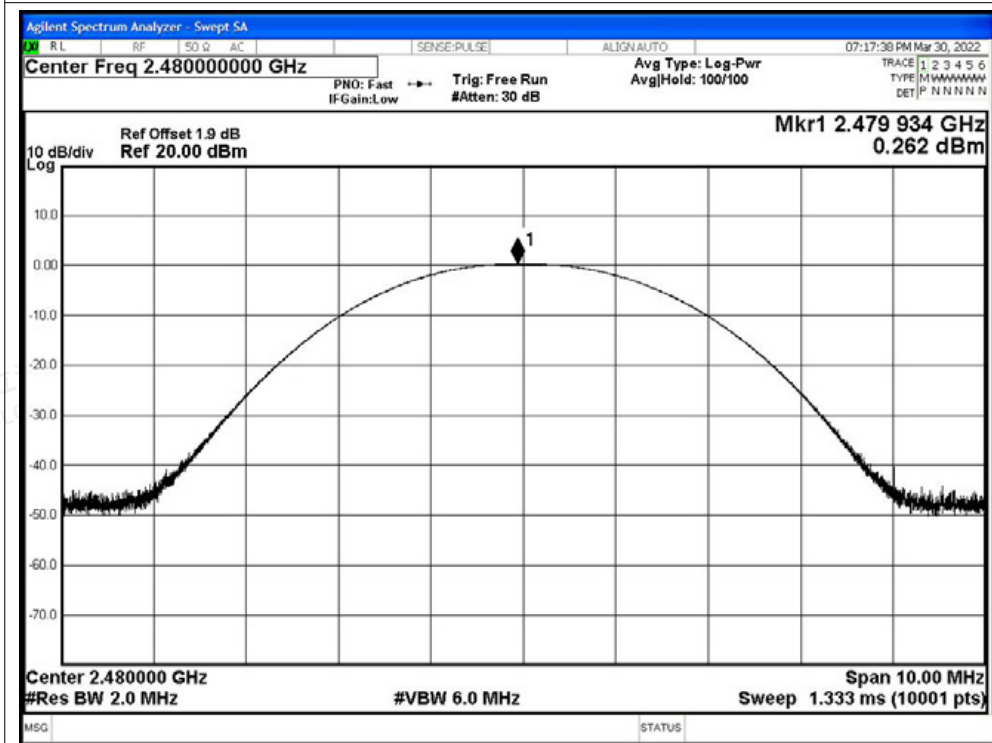


Power NVNT 1-DH5 2441MHz Ant1

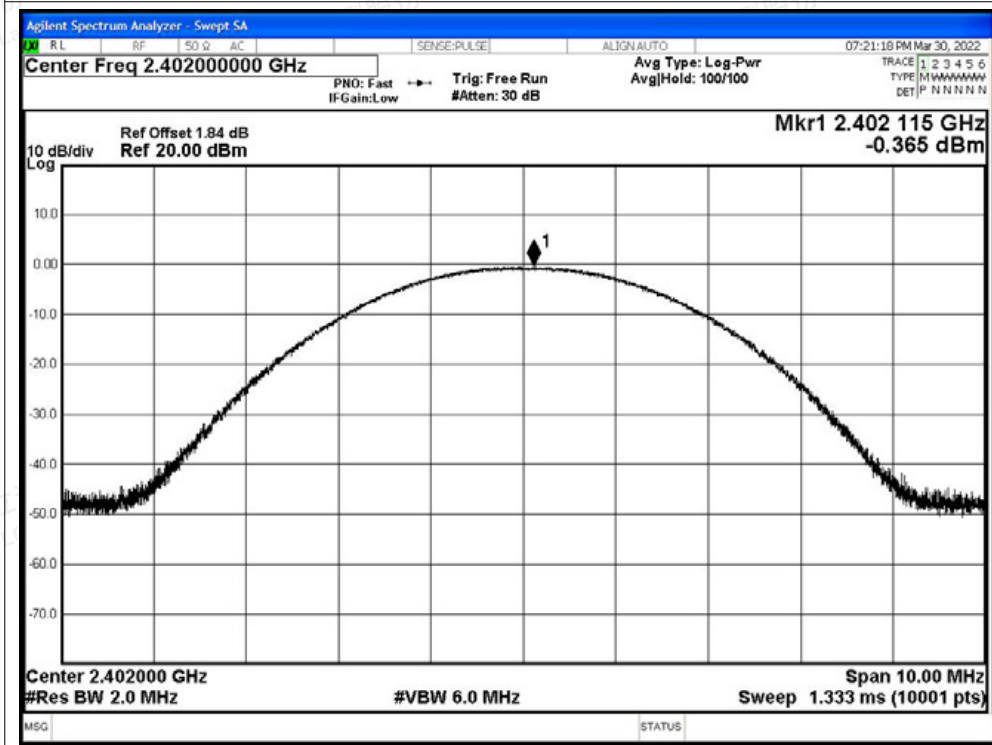




Power NVNT 1-DH5 2480MHz Ant1

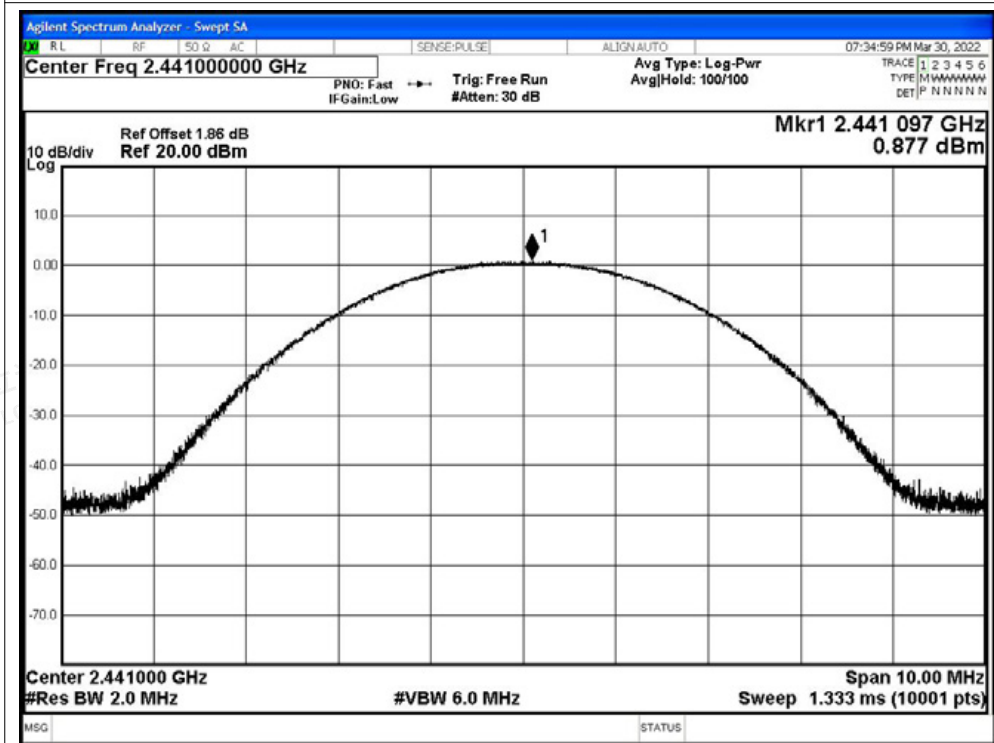


Power NVNT 2-DH5 2402MHz Ant1

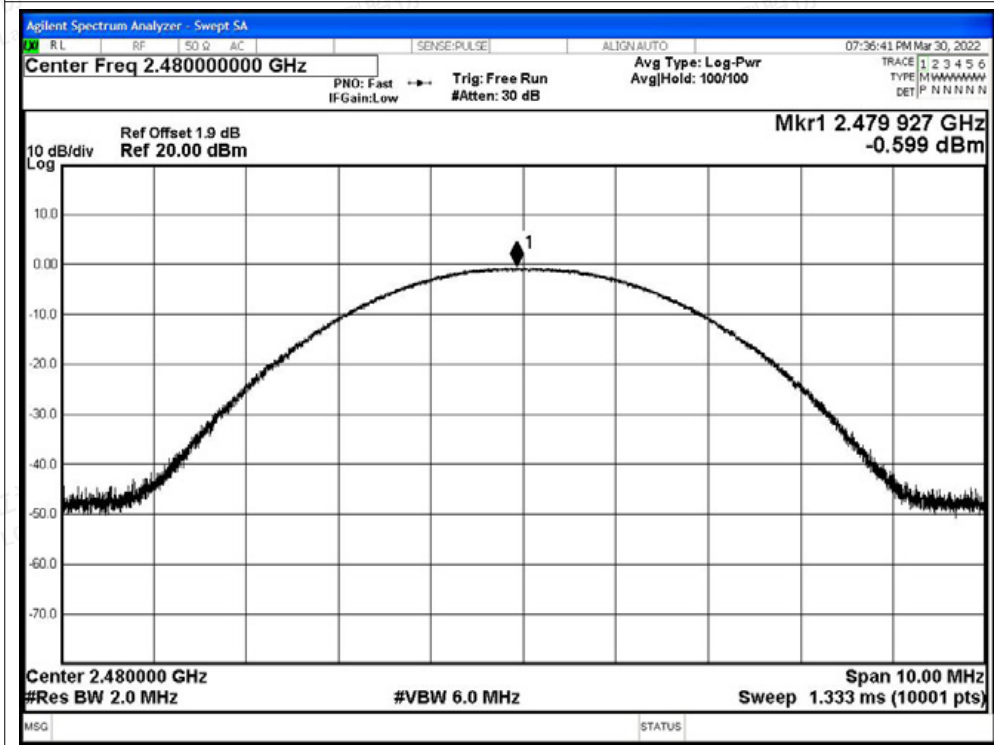




Power NVNT 2-DH5 2441MHz Ant1

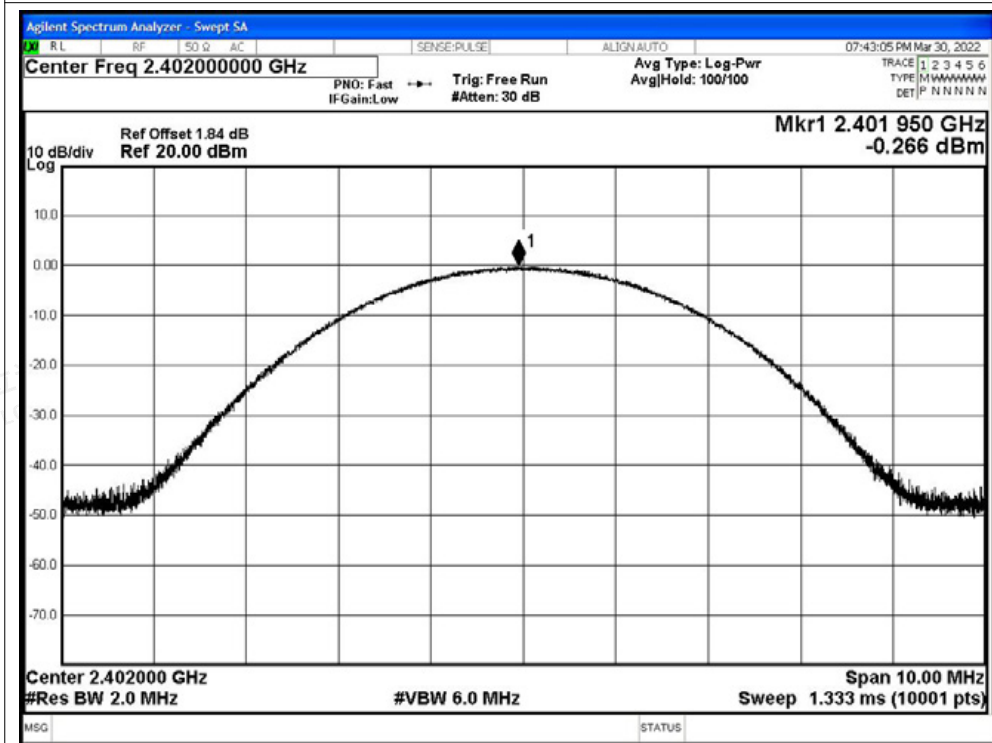


Power NVNT 2-DH5 2480MHz Ant1

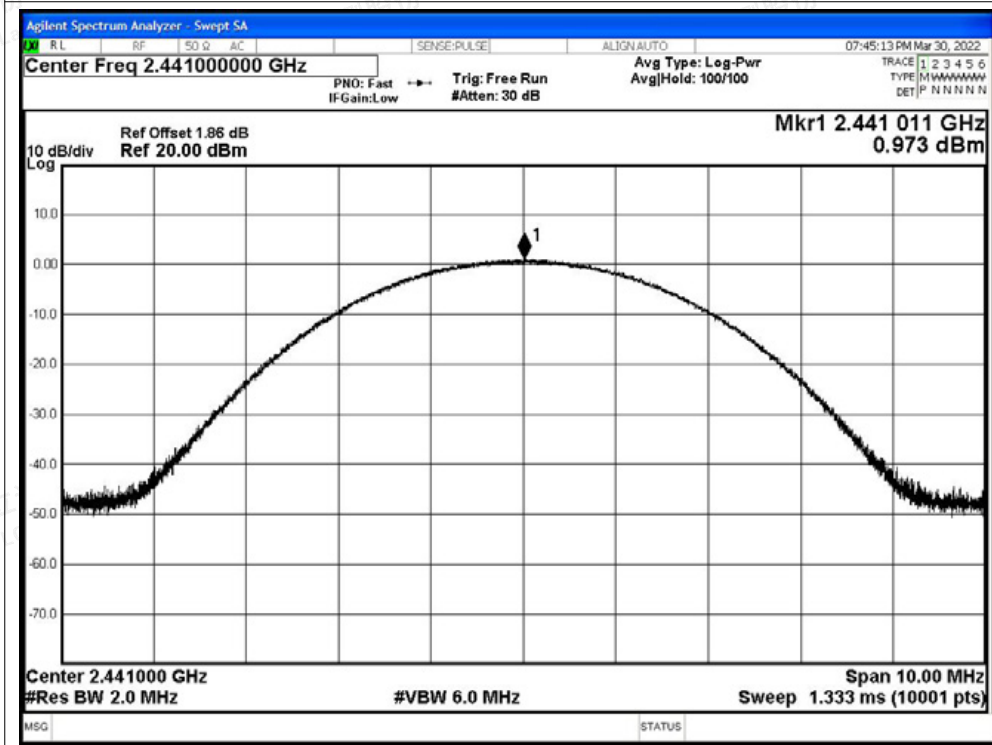


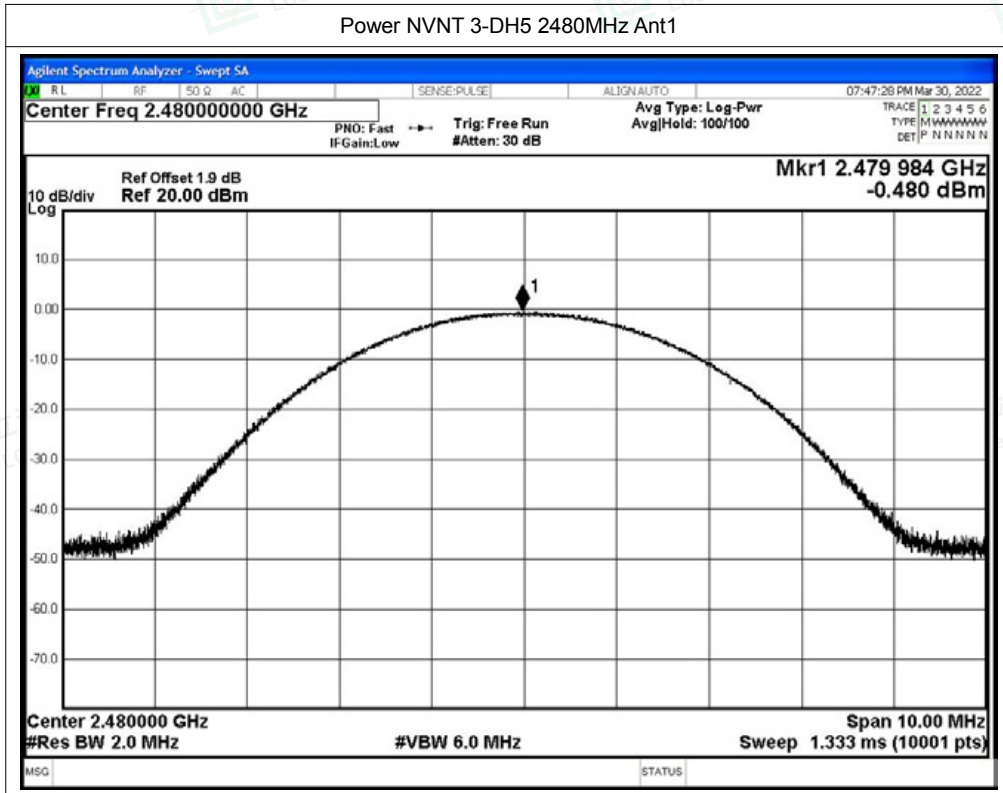
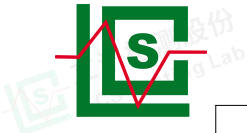


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1







### A.3 Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.018	2403.006	0.988	0.681	Pass
NVNT	1-DH5	Ant1	2441.012	2441.898	0.886	0.639	Pass
NVNT	1-DH5	Ant1	2478.904	2479.994	1.09	0.643	Pass
NVNT	2-DH5	Ant1	2402	2403.008	1.008	0.881	Pass
NVNT	2-DH5	Ant1	2440.838	2442.16	1.322	0.855	Pass
NVNT	2-DH5	Ant1	2479.01	2480.01	1	0.882	Pass
NVNT	3-DH5	Ant1	2402.154	2403.162	1.008	0.869	Pass
NVNT	3-DH5	Ant1	2441.16	2442.152	0.992	0.855	Pass
NVNT	3-DH5	Ant1	2479.016	2480.164	1.148	0.871	Pass



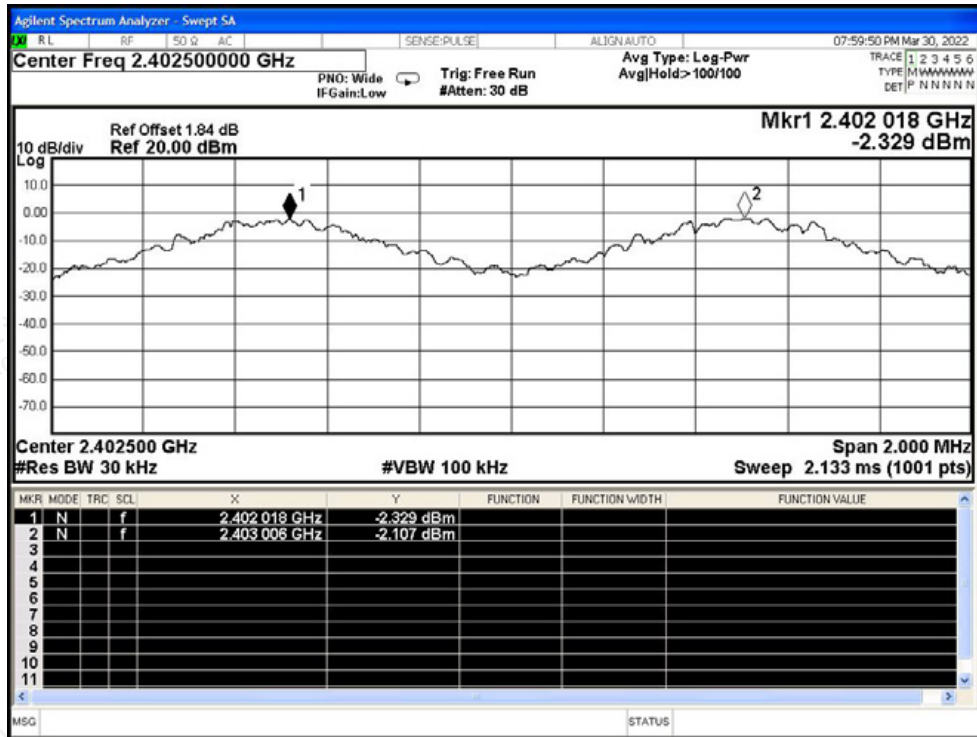
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



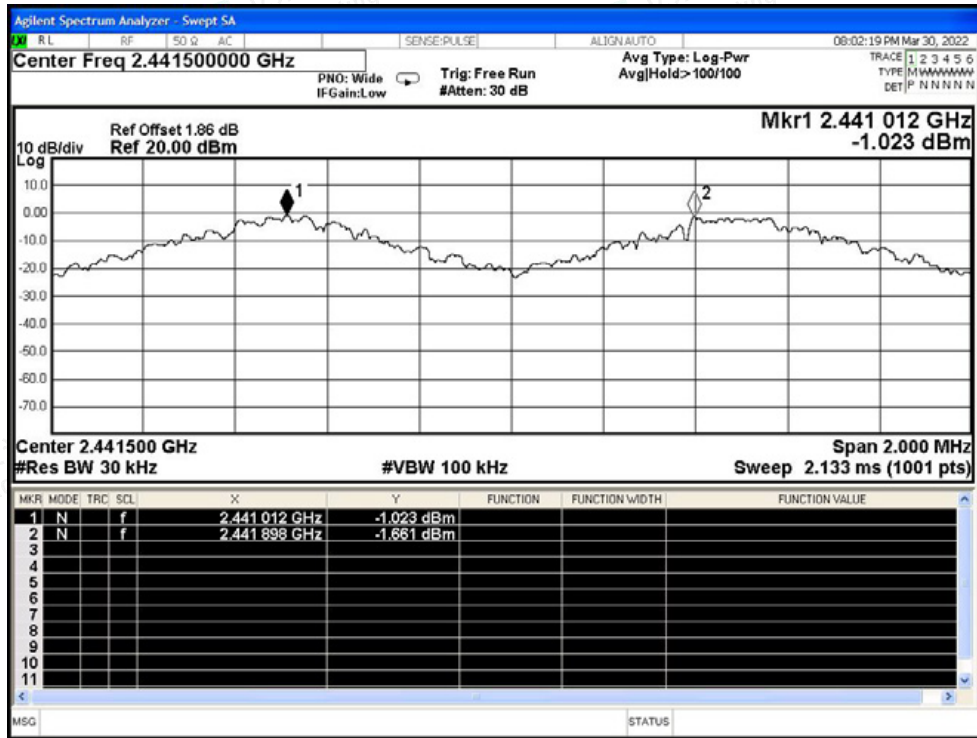


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 1-DH5 2441MHz Ant1

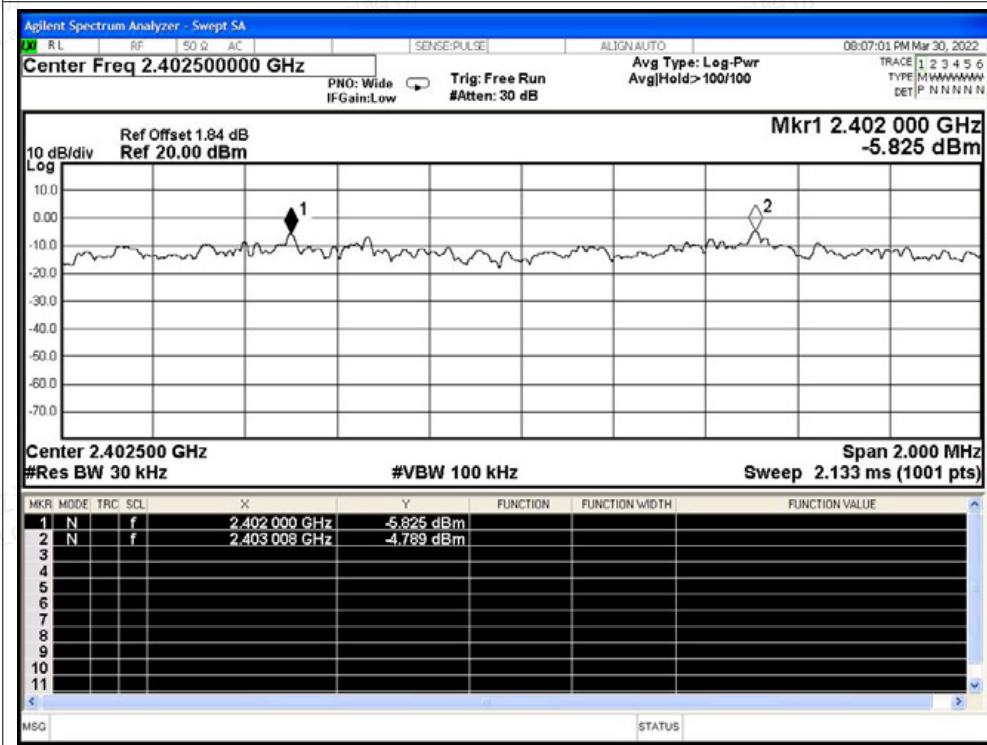




CFS NVNT 1-DH5 2480MHz Ant1

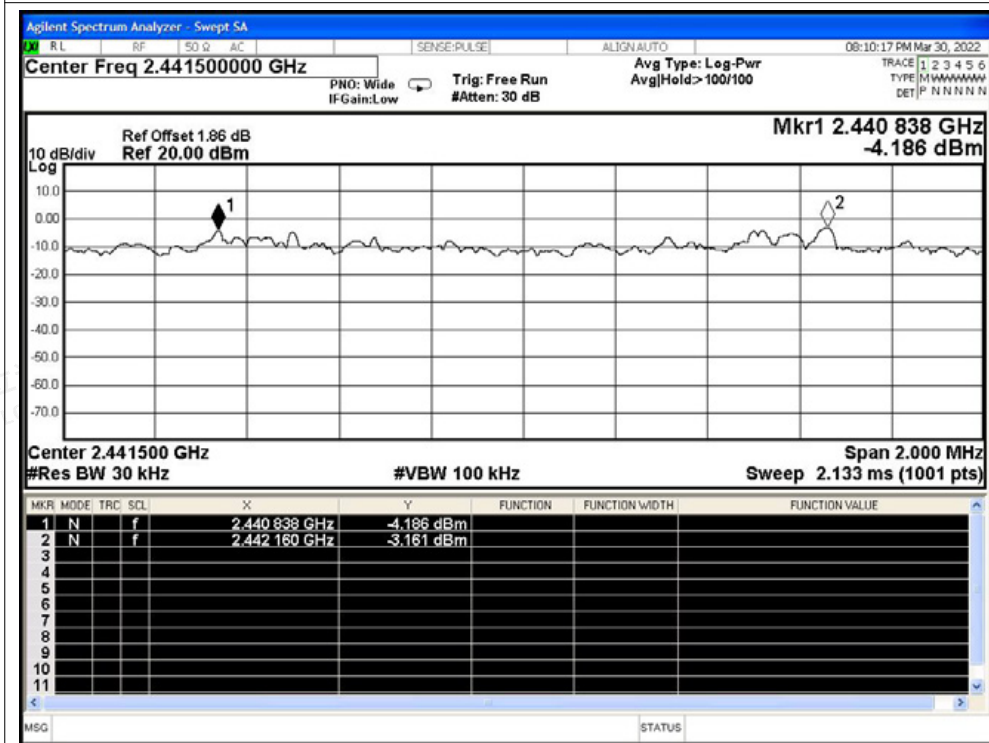


CFS NVNT 2-DH5 2402MHz Ant1

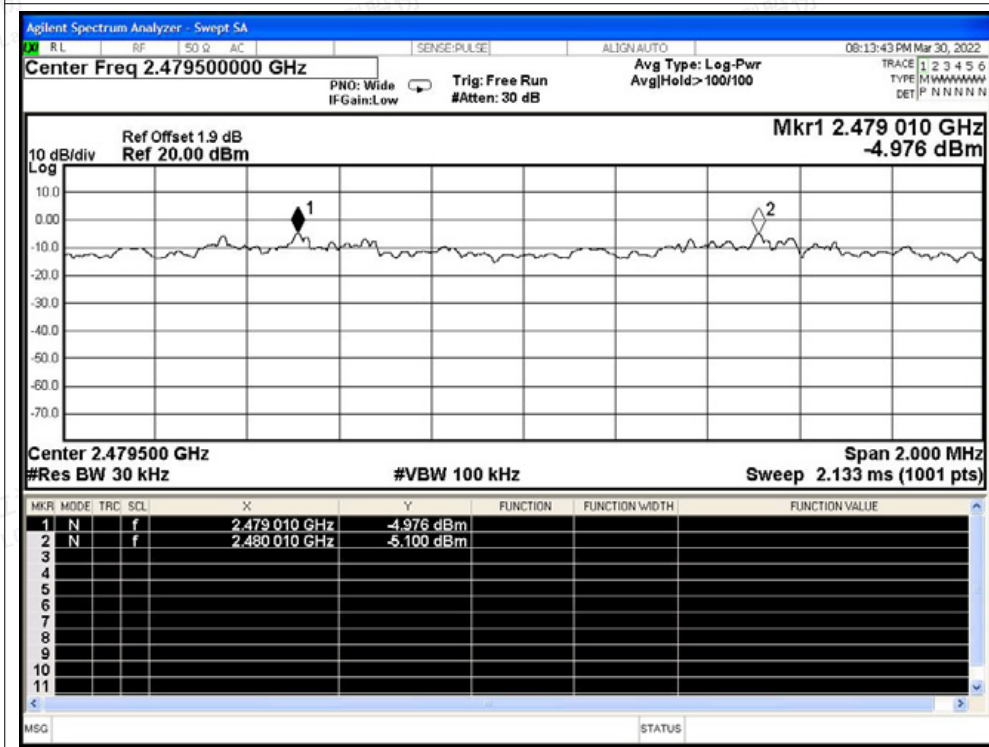




CFS NVNT 2-DH5 2441MHz Ant1

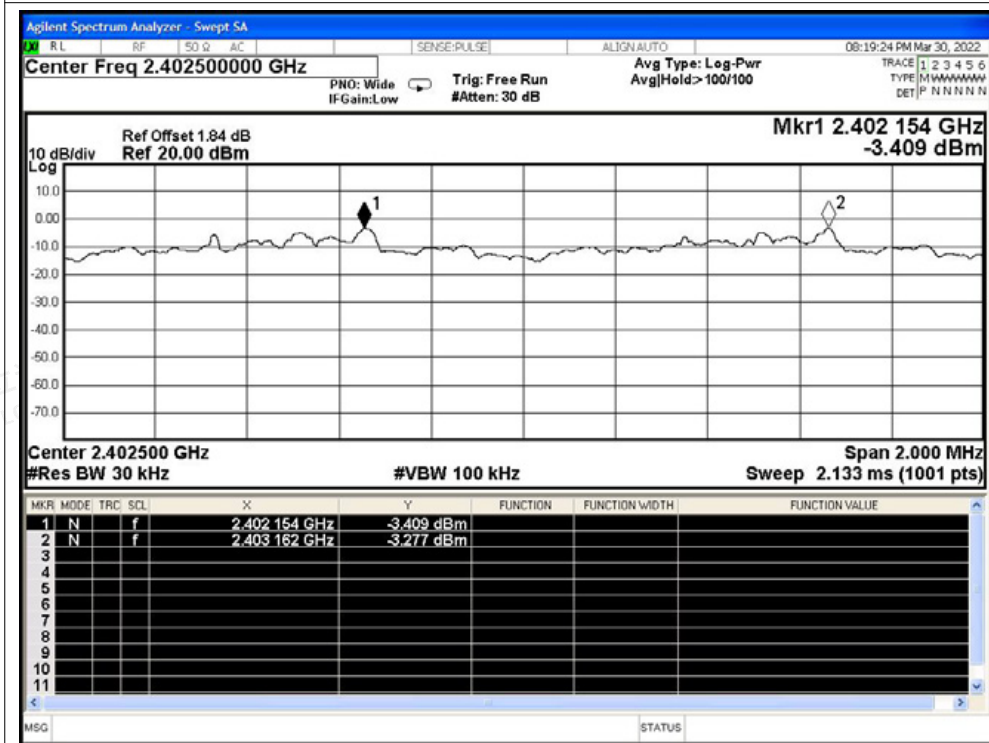


CFS NVNT 2-DH5 2480MHz Ant1

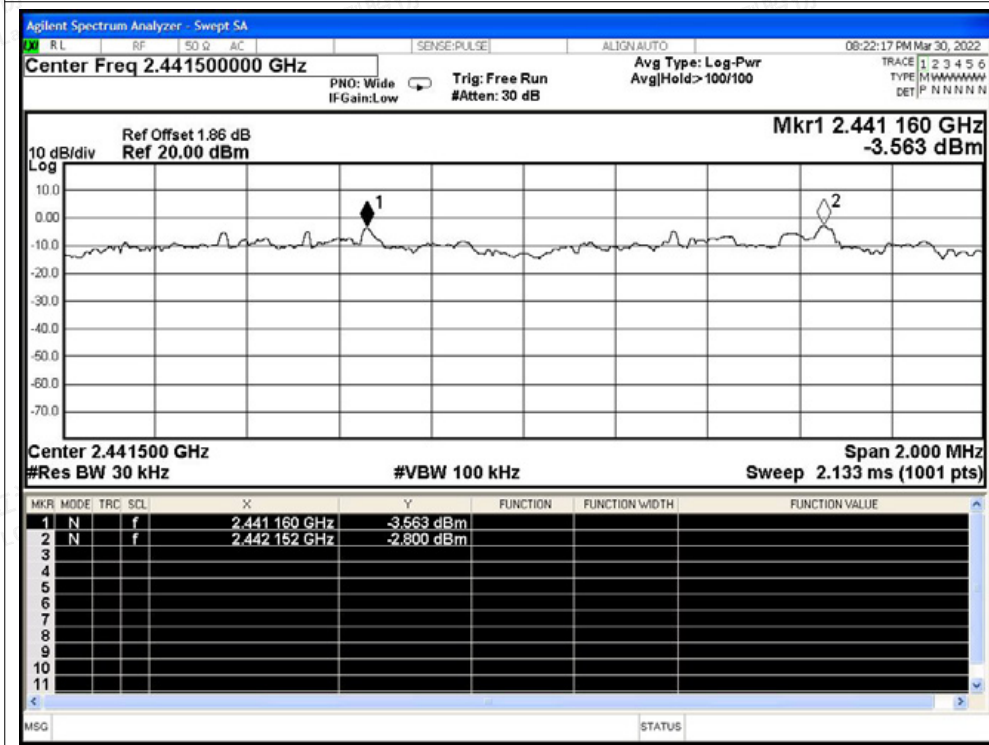




CFS NVNT 3-DH5 2402MHz Ant1

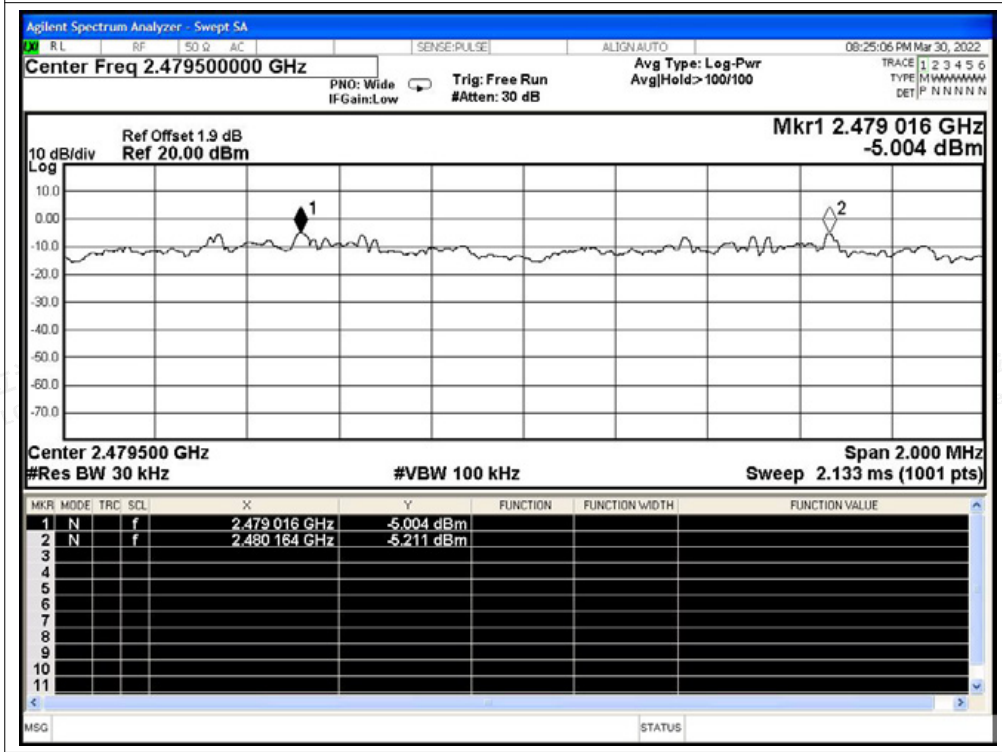


CFS NVNT 3-DH5 2441MHz Ant1





CFS NVNT 3-DH5 2480MHz 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	293.964	102	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.882	319.902	111	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.882	305.492	106	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.409	274.626	114	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	299.52	104	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.885	326.005	113	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	248.282	86	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.885	297.155	103	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.885	308.695	107	31600	400	Pass



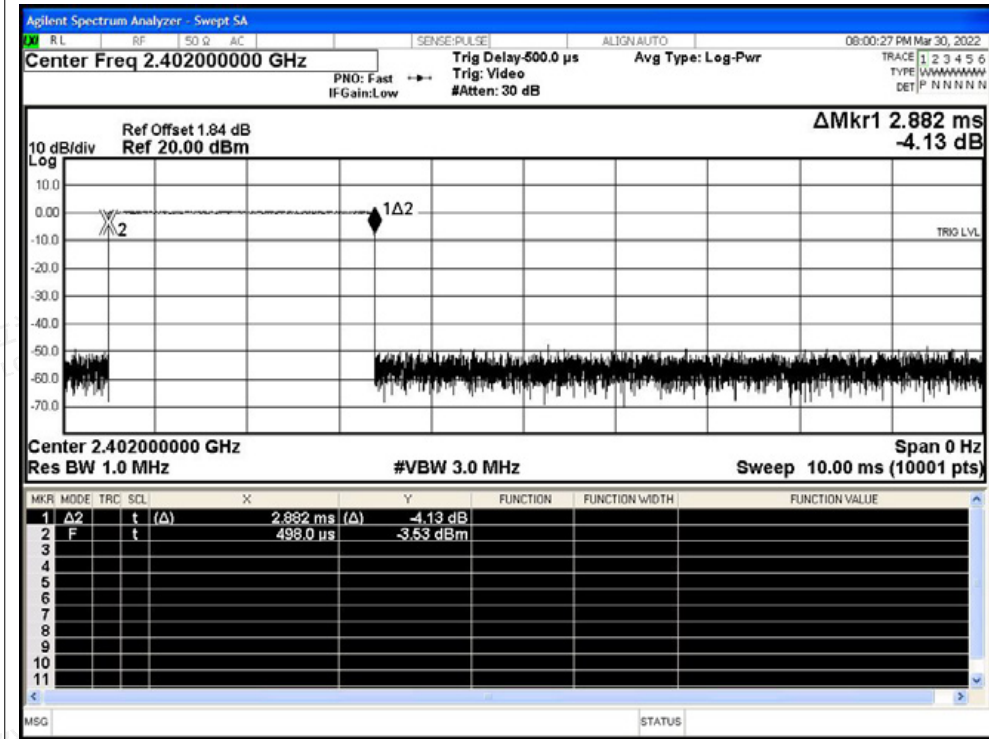
Shenzhen LCS Compliance Testing Laboratory Ltd.  
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity



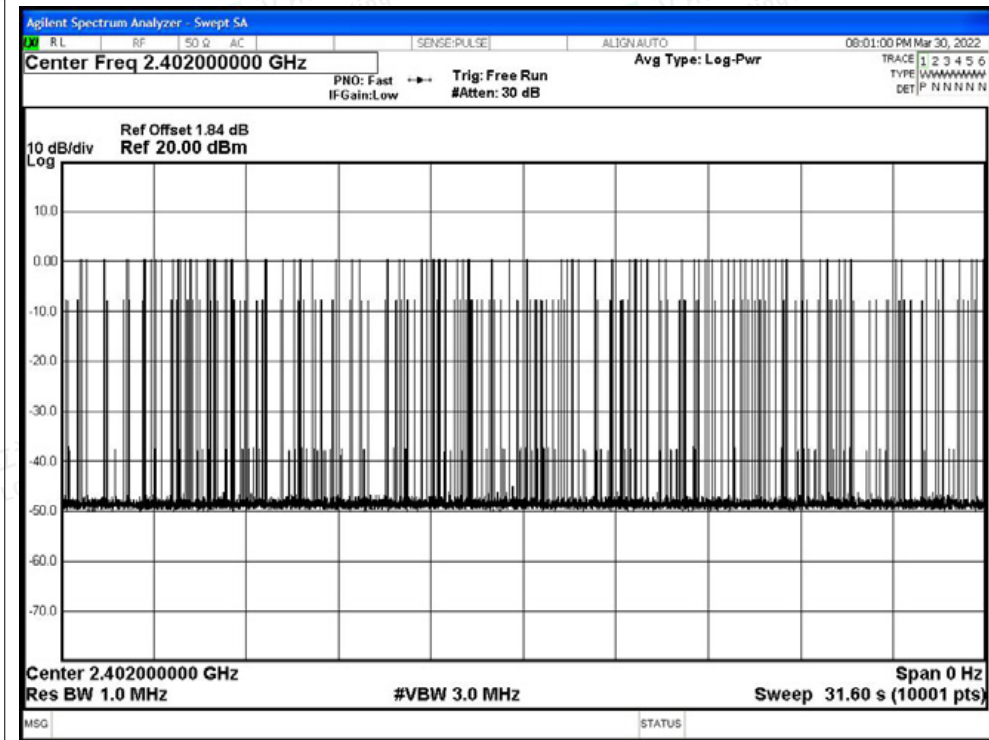


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

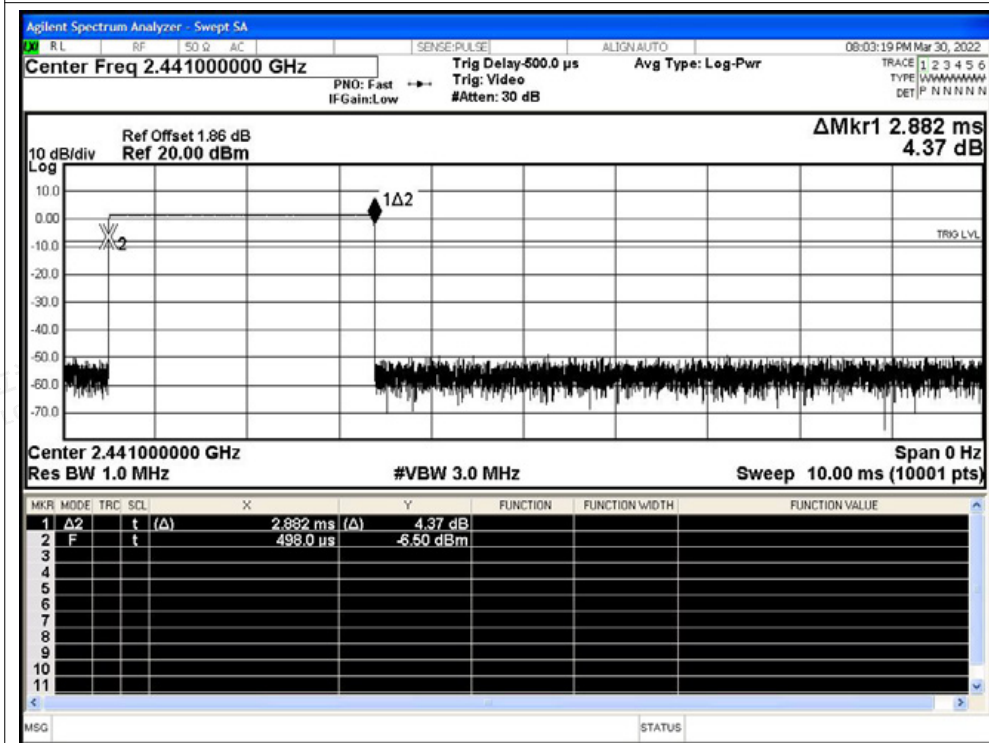


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

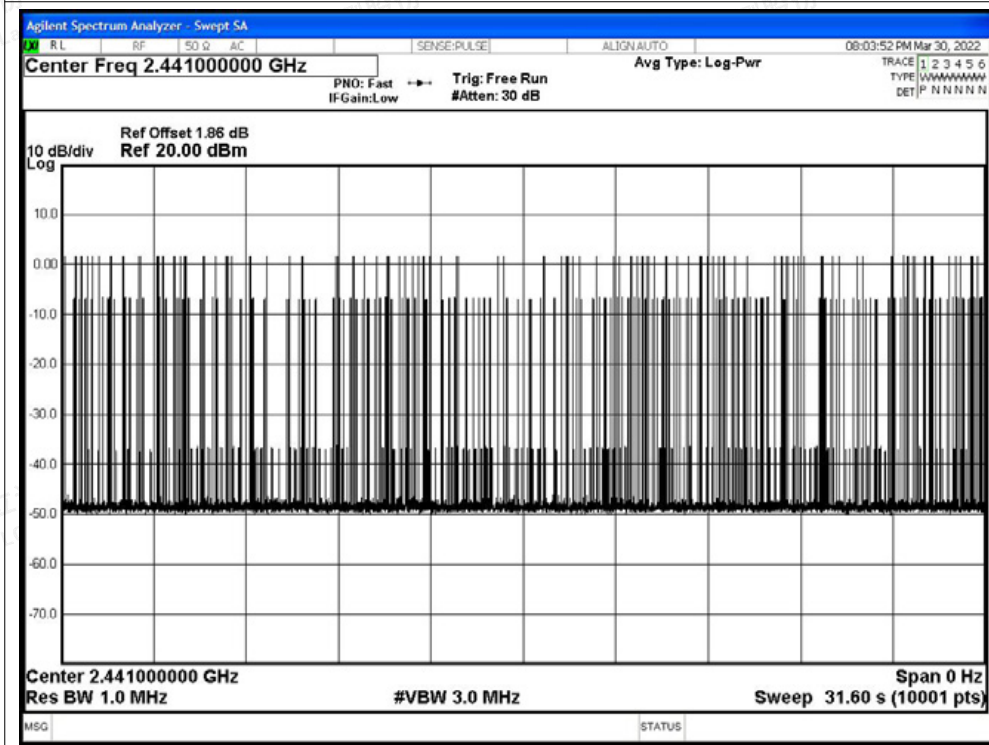




Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

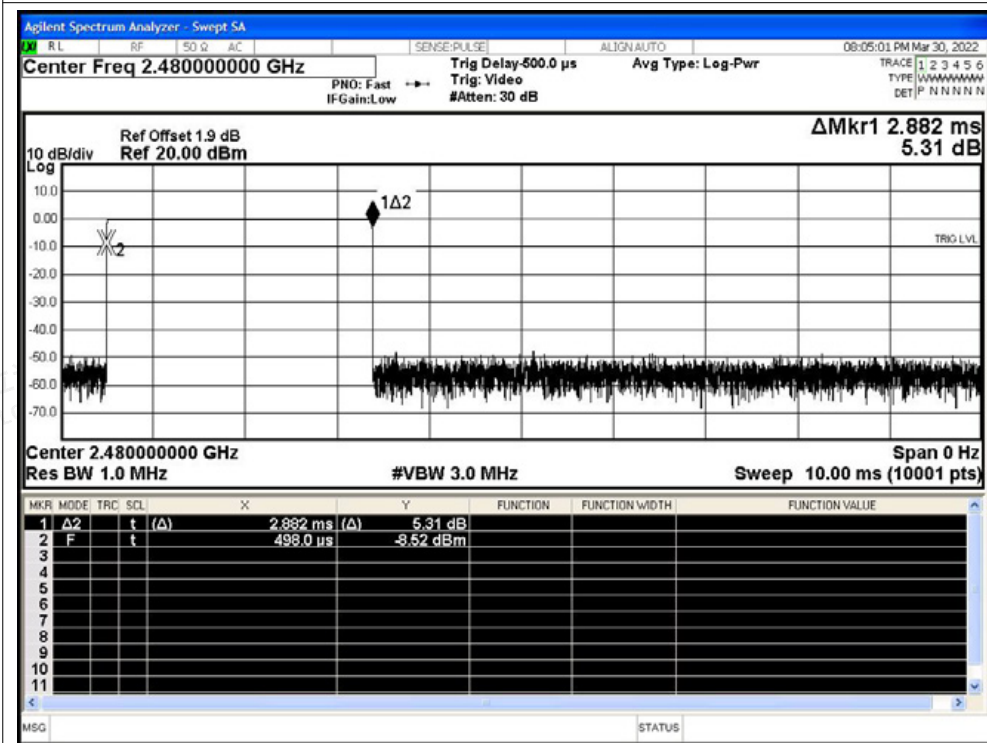


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

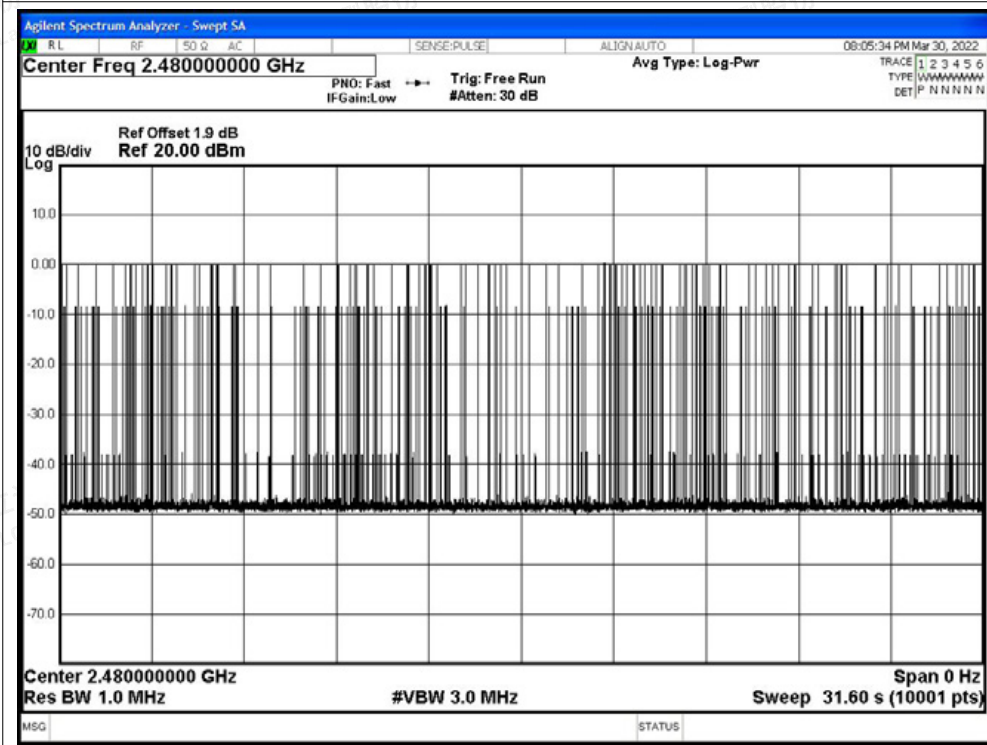




Dwell NVNT 1-DH5 2480MHz Ant1 One Burst

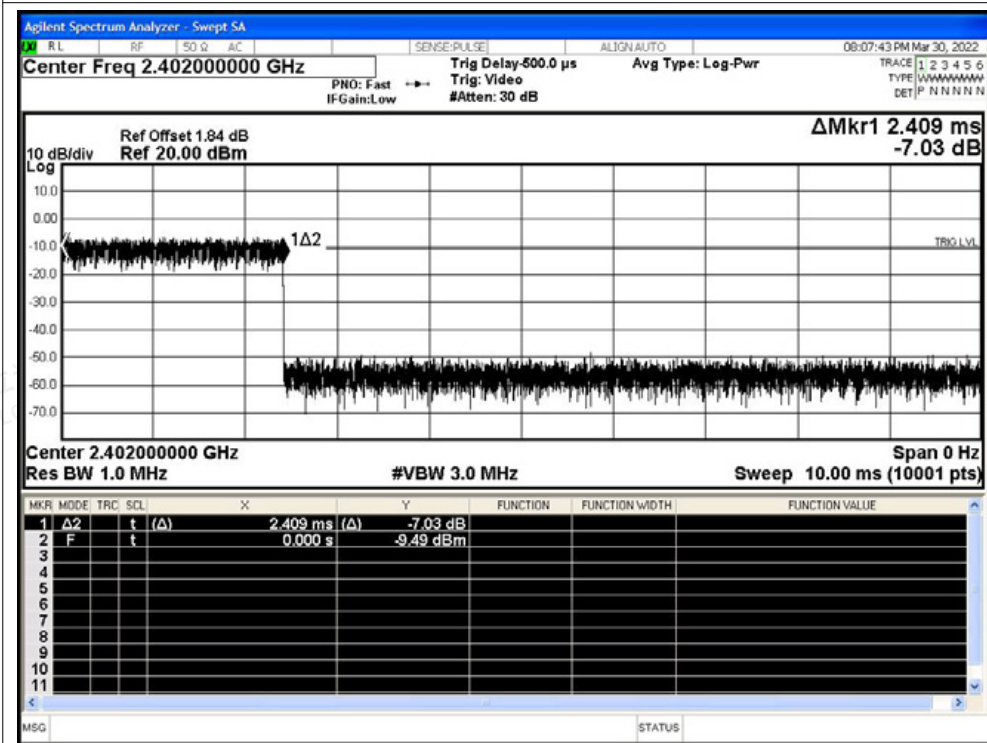


Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

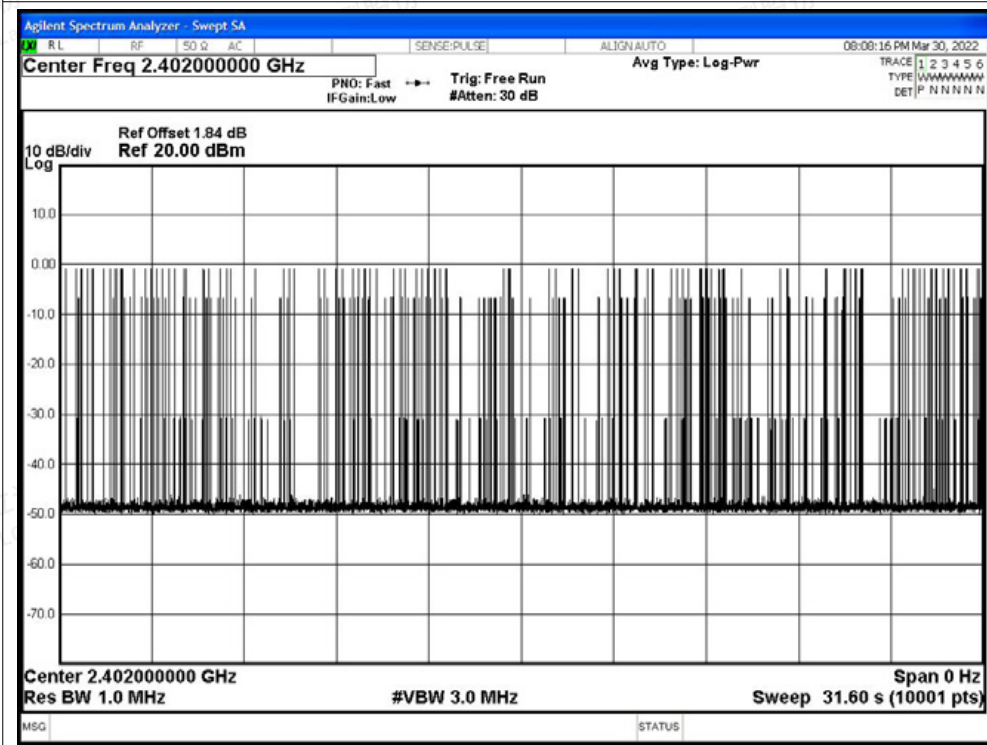




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



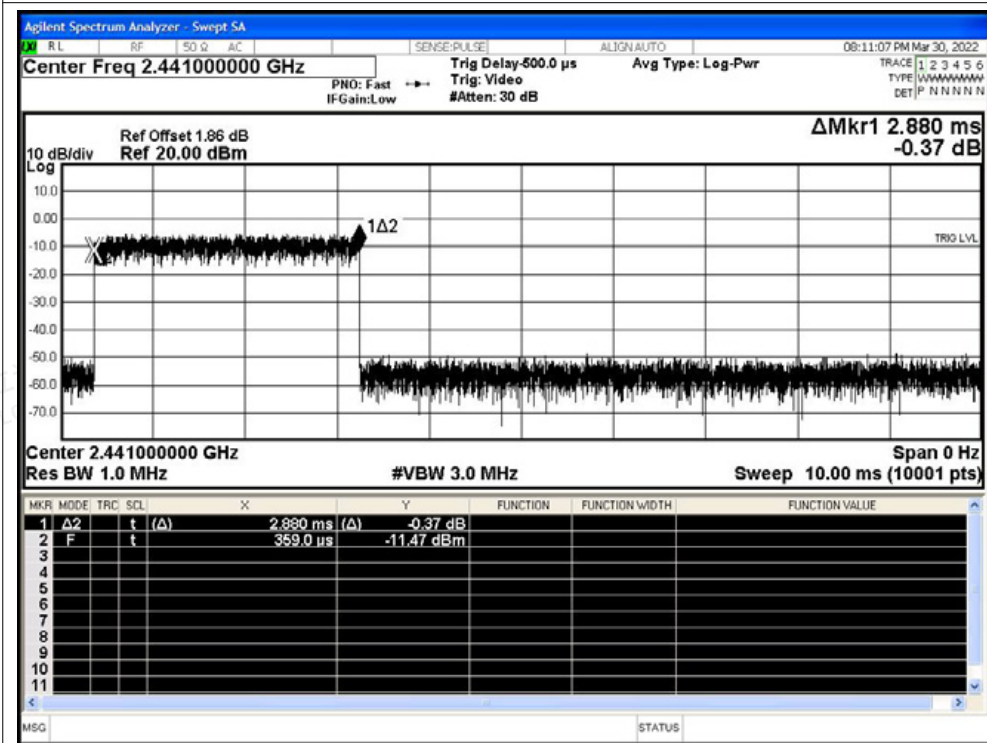
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



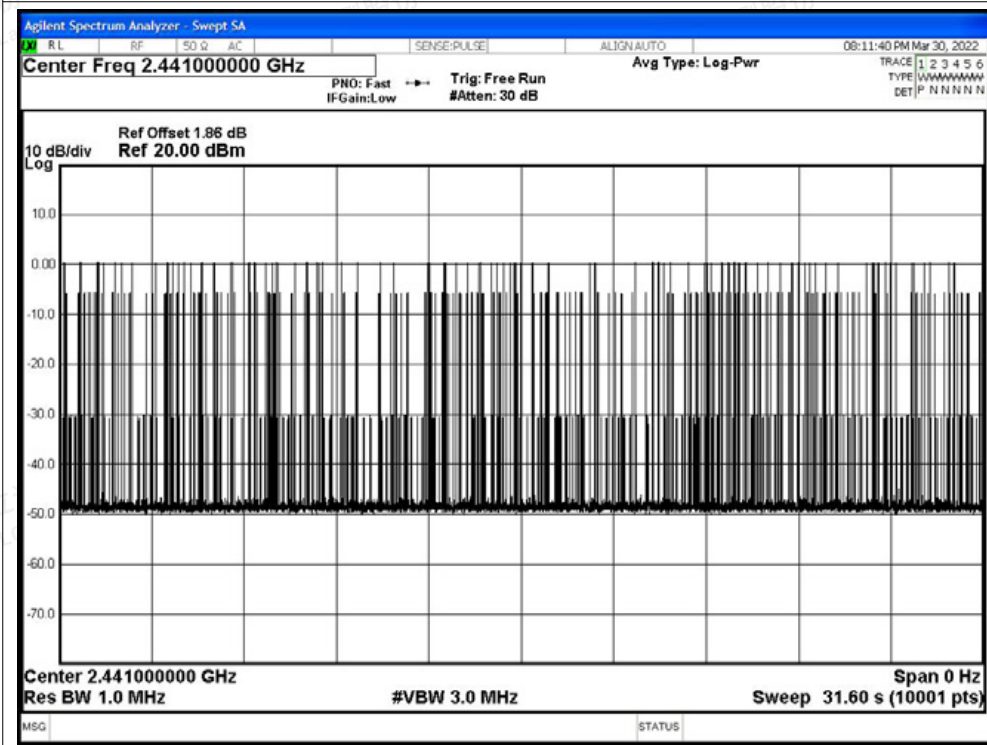




Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

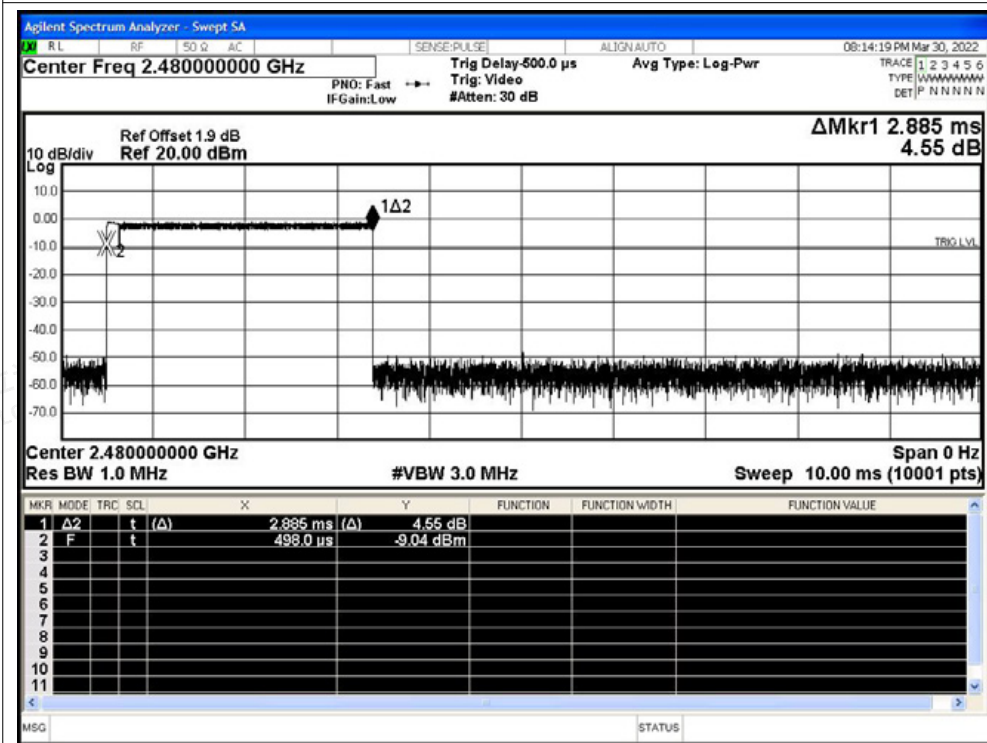


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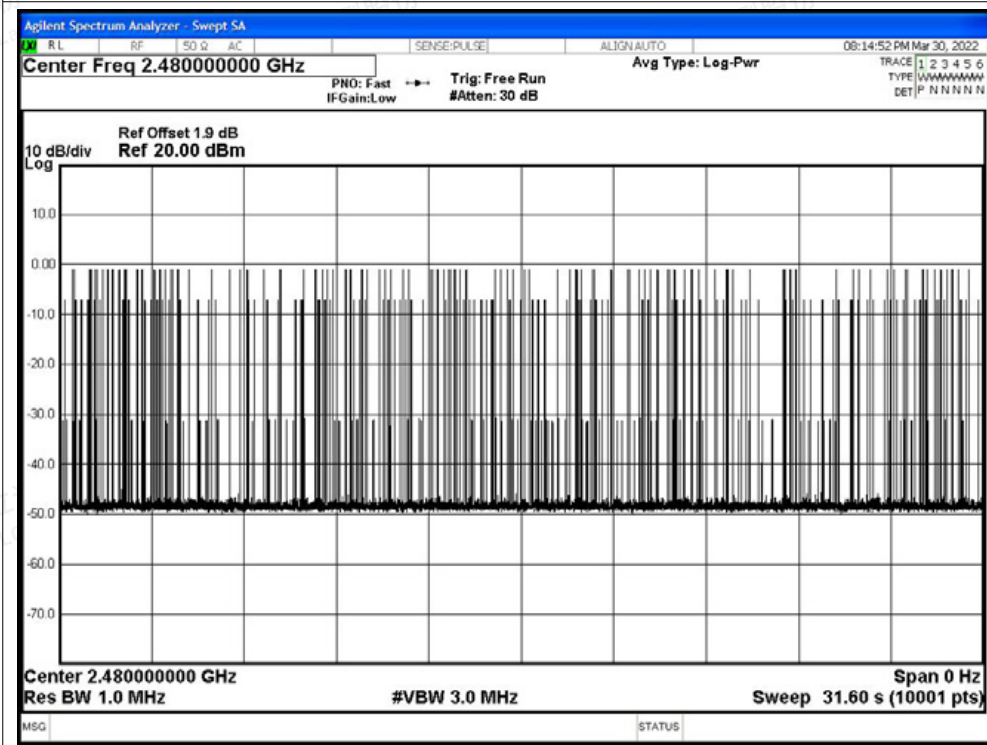




Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



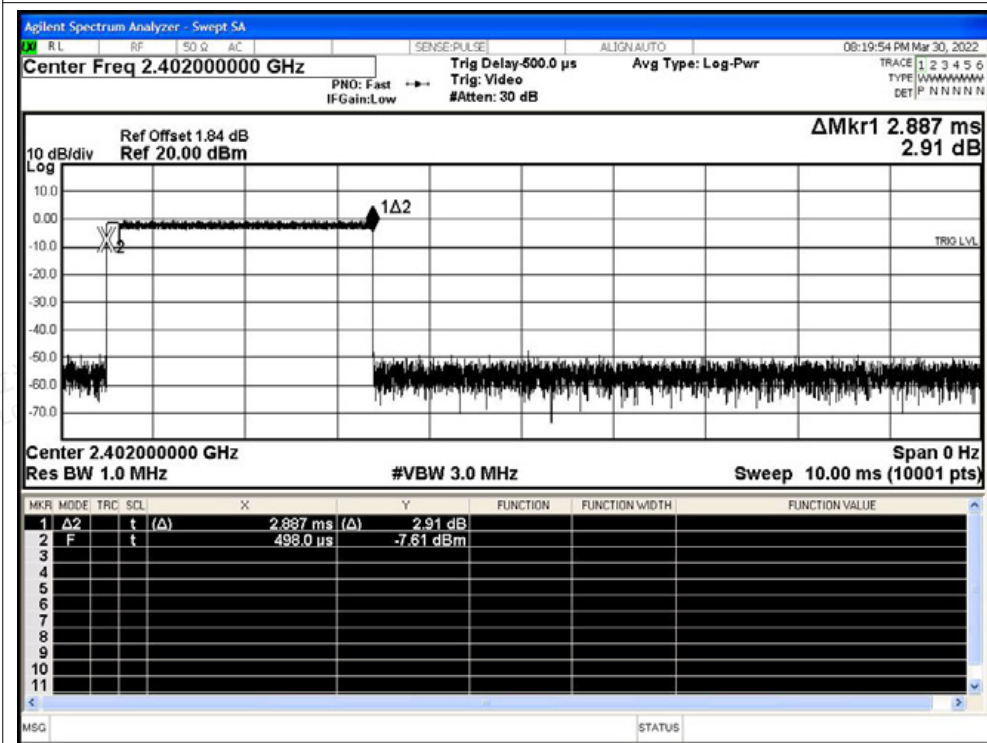
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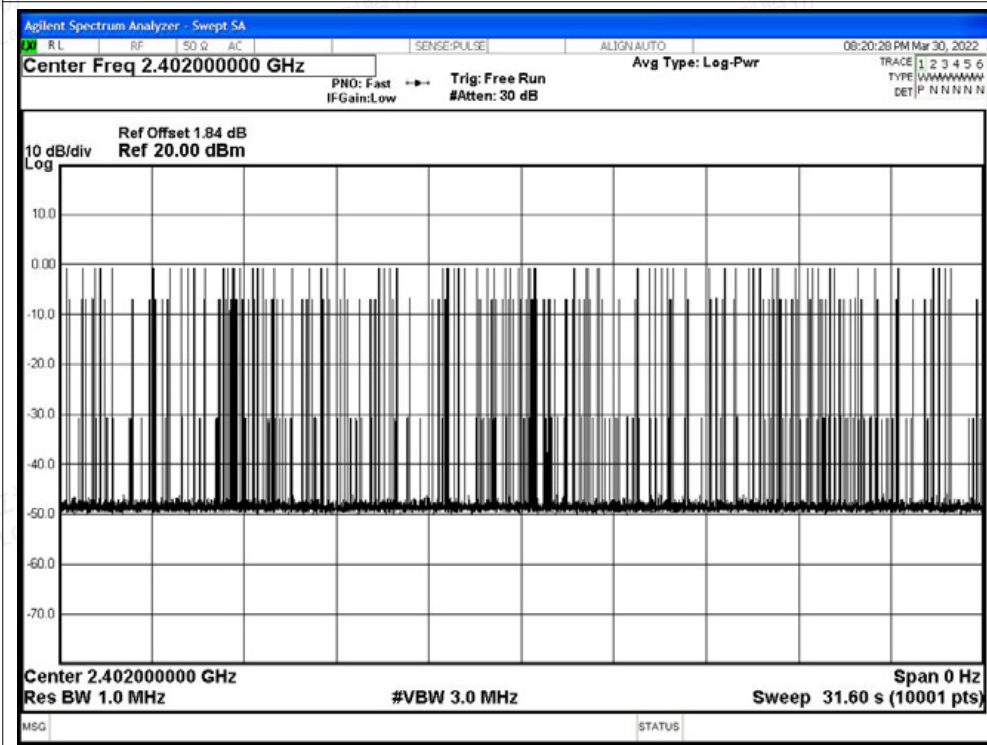




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

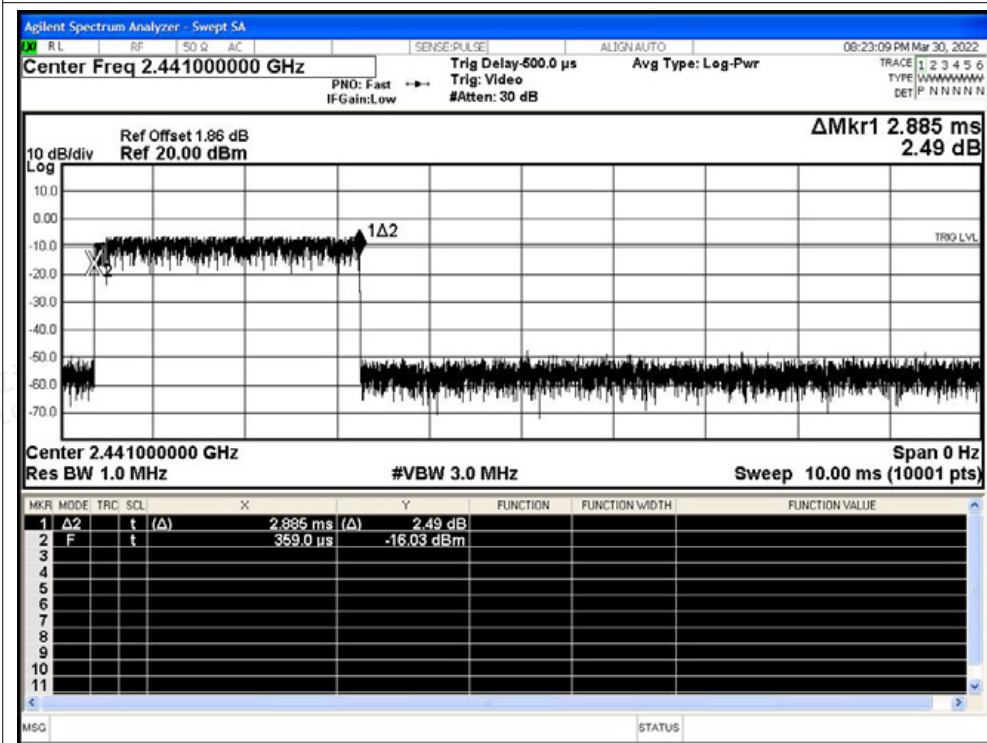


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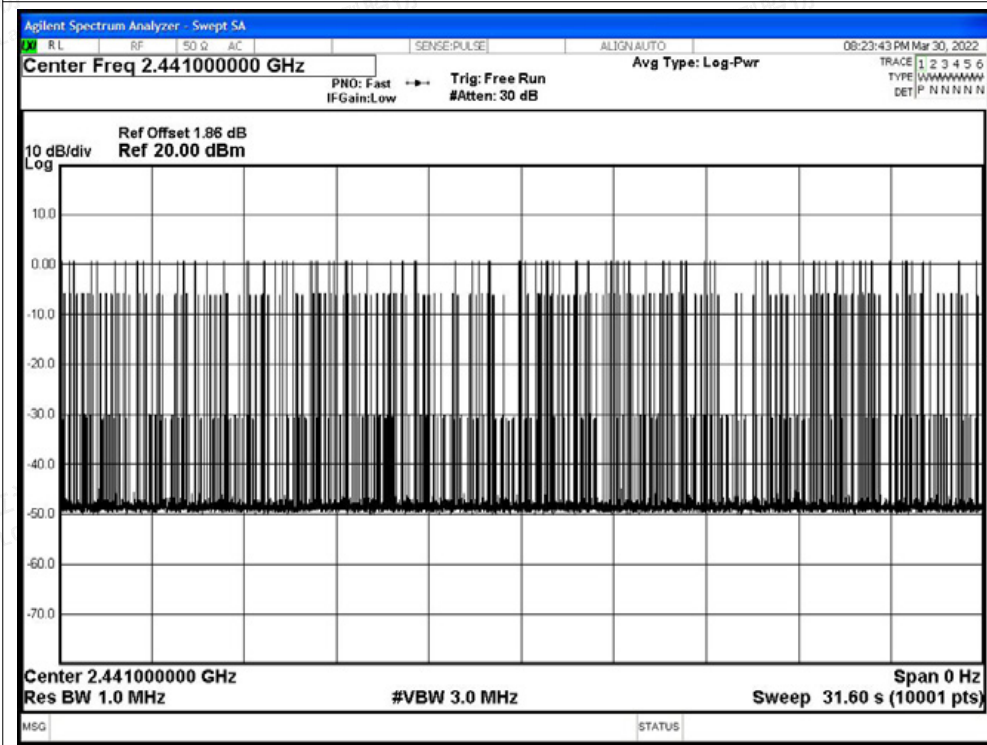




Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

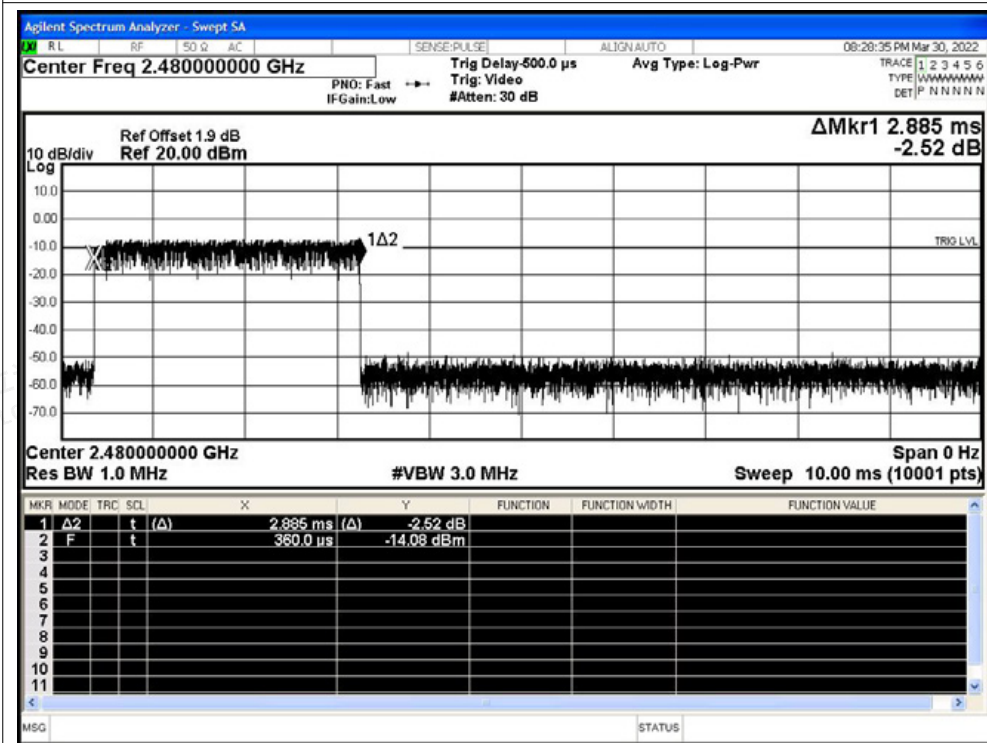


Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

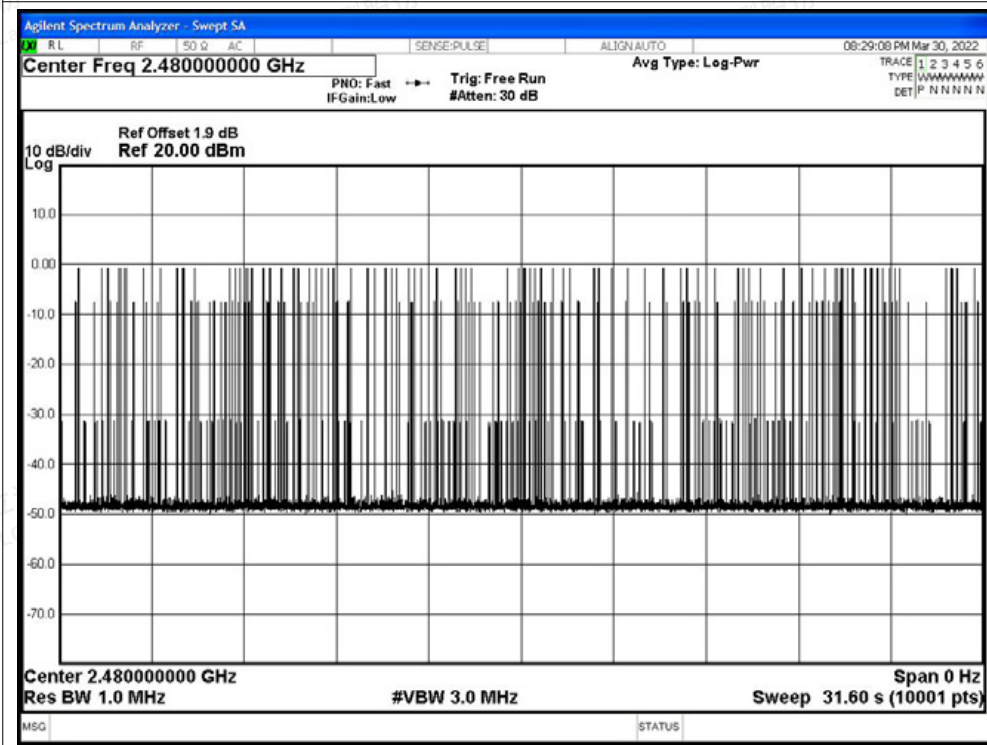


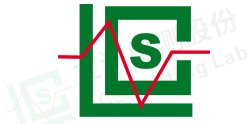


Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated





## A.5 Number of Hopping Channel

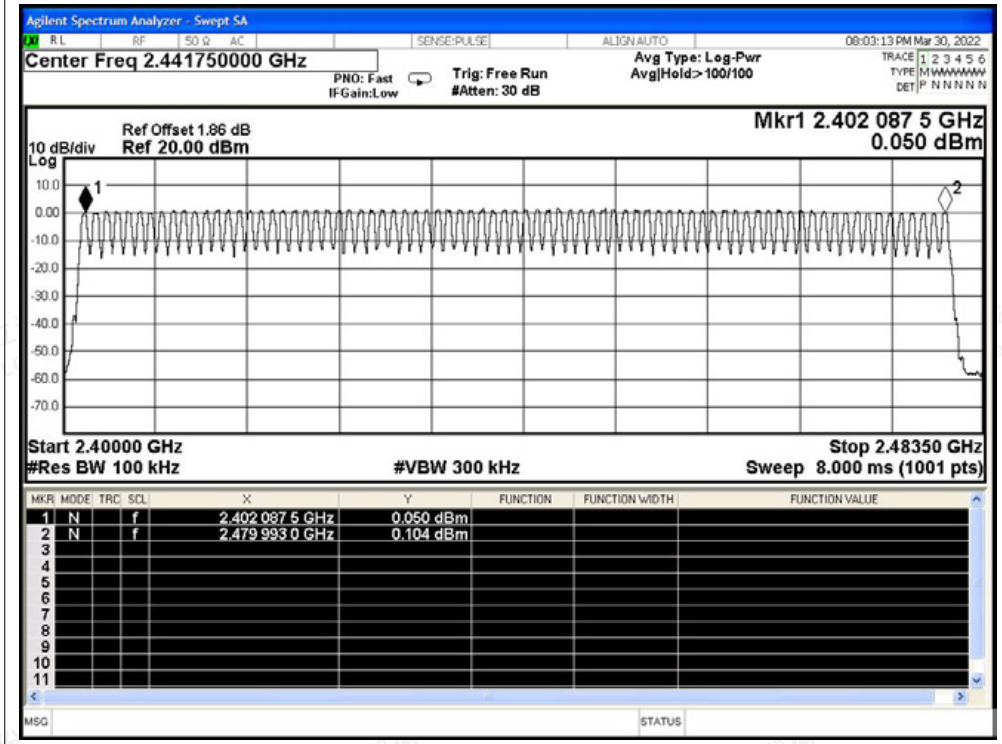
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



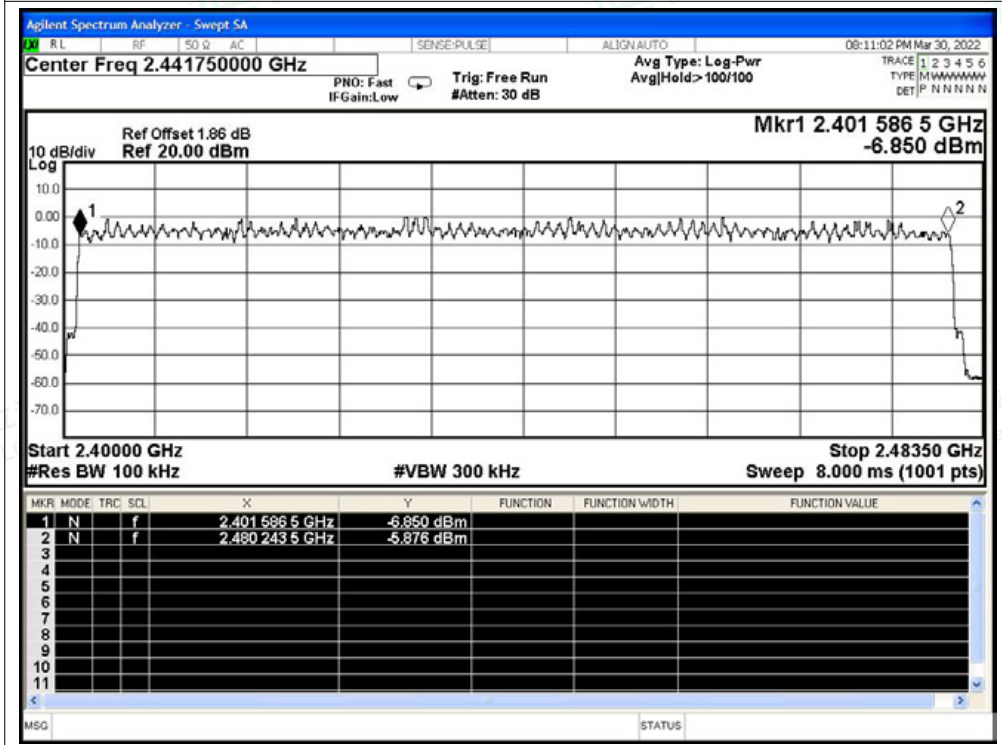


Test Graphs

Hopping No. NVNT 1-DH5 2441MHz Ant1



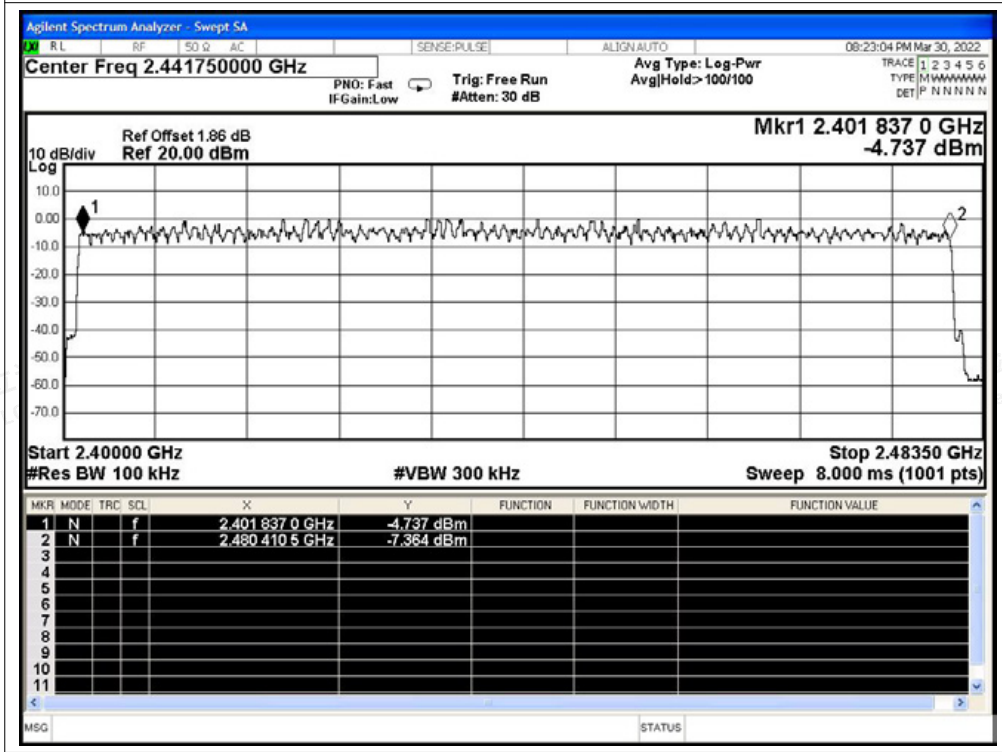
Hopping No. NVNT 2-DH5 2441MHz Ant1







Hopping No. NVNT 3-DH5 2441MHz 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	-56.61	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.42	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.62	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-55.52	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.84	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.63	-20	Pass

