



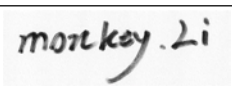
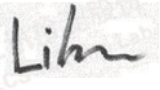
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Wireless earbuds with charging case

Test Model: N1

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	0.965	---	Pass
NVNT	1-DH5	2441	Ant1	0.957	---	Pass
NVNT	1-DH5	2480	Ant1	1.021	---	Pass
NVNT	2-DH5	2402	Ant1	1.312	---	Pass
NVNT	2-DH5	2441	Ant1	1.284	---	Pass
NVNT	2-DH5	2480	Ant1	1.322	---	Pass
NVNT	3-DH5	2402	Ant1	1.314	---	Pass
NVNT	3-DH5	2441	Ant1	1.294	---	Pass
NVNT	3-DH5	2480	Ant1	1.29	---	Pass





Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

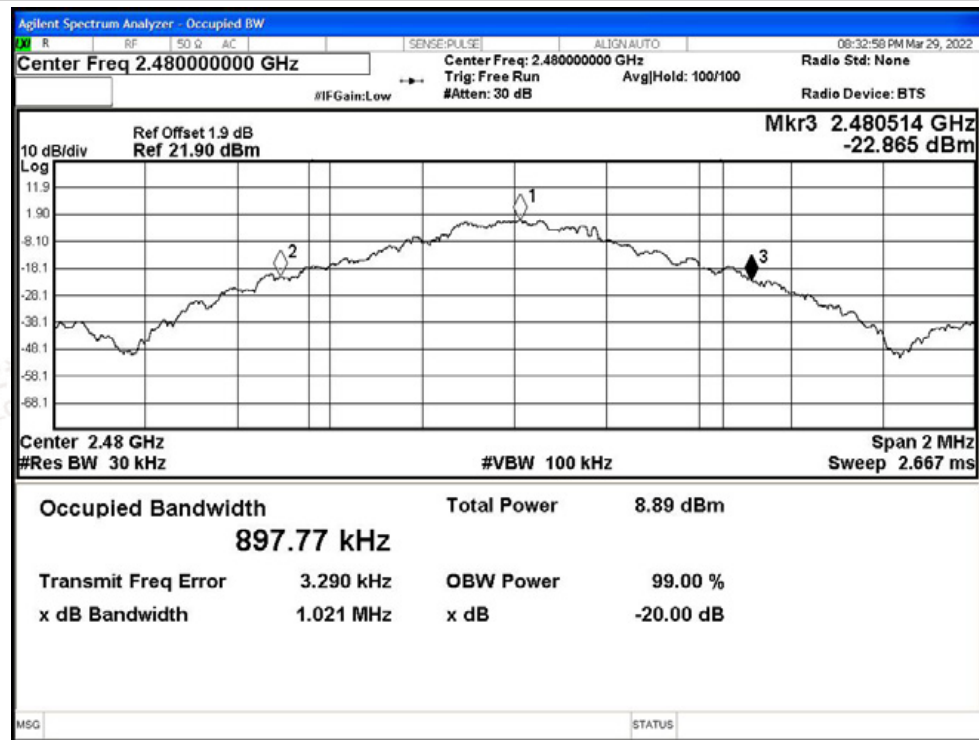


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

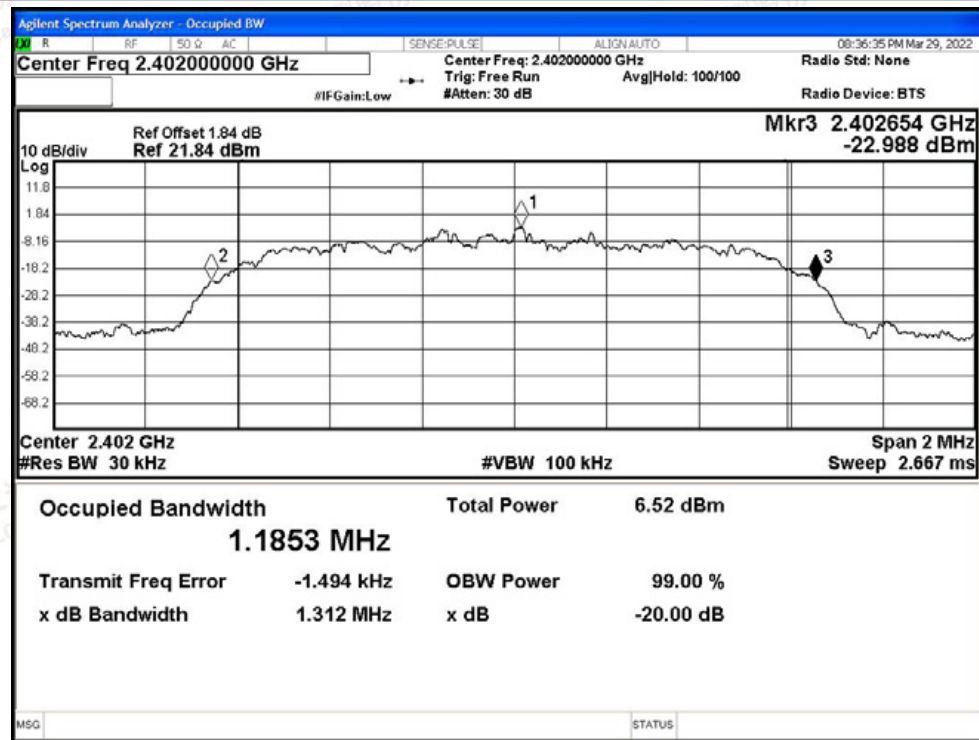




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

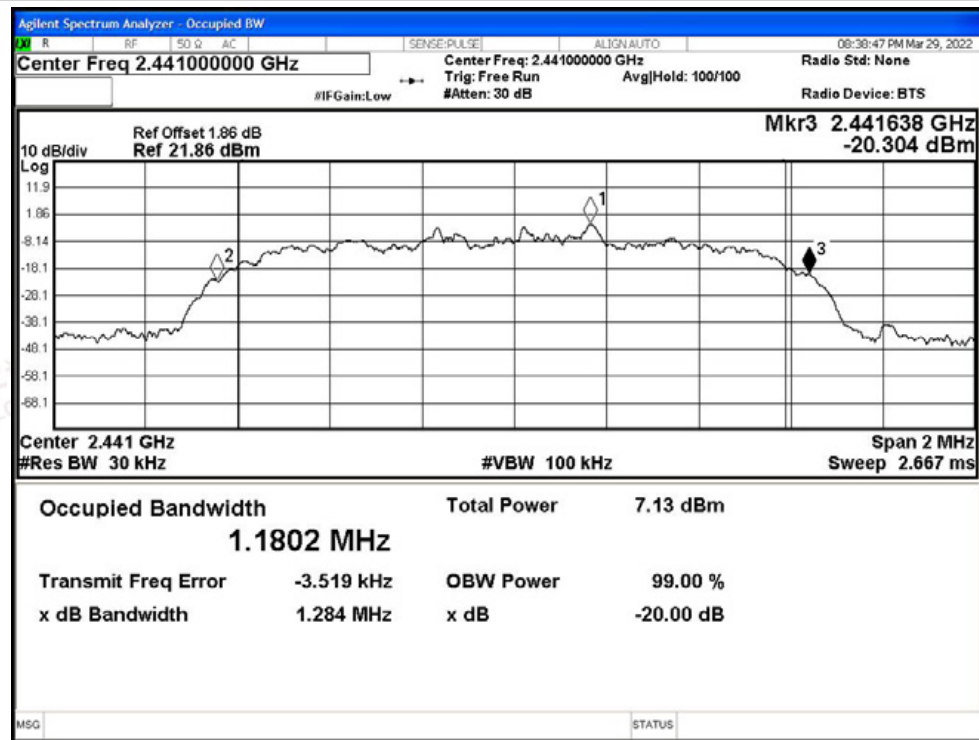


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

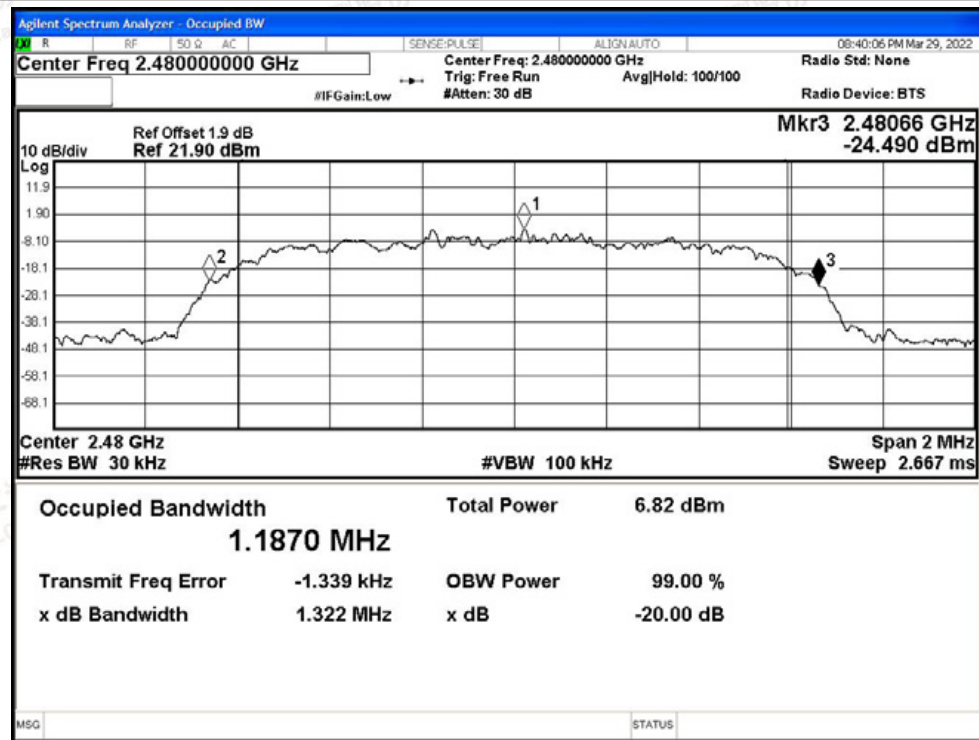




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

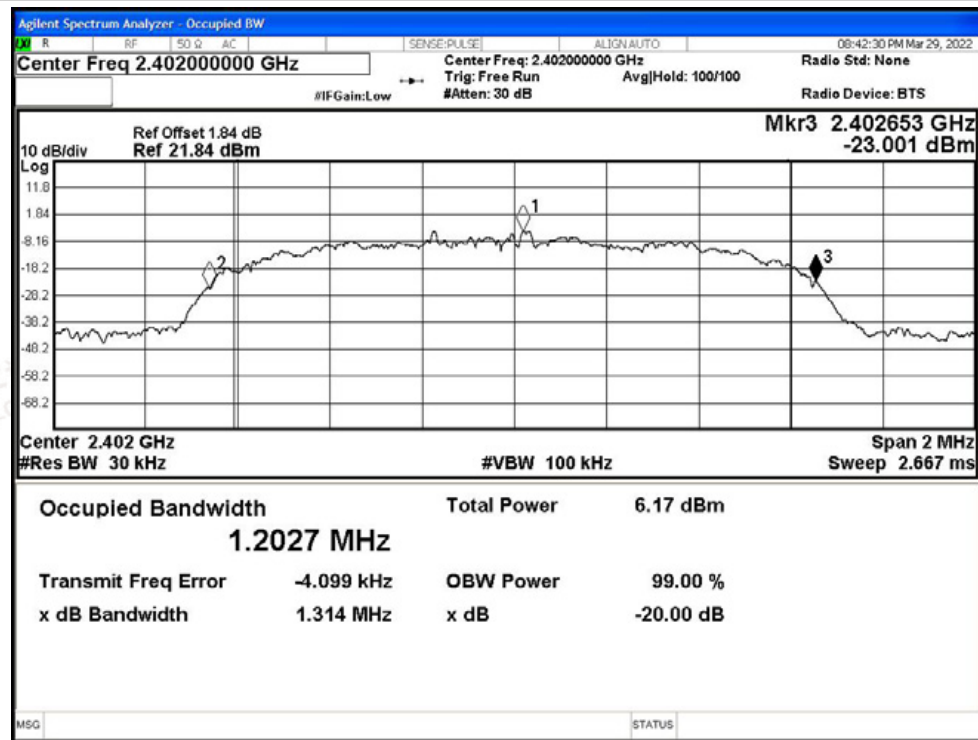


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

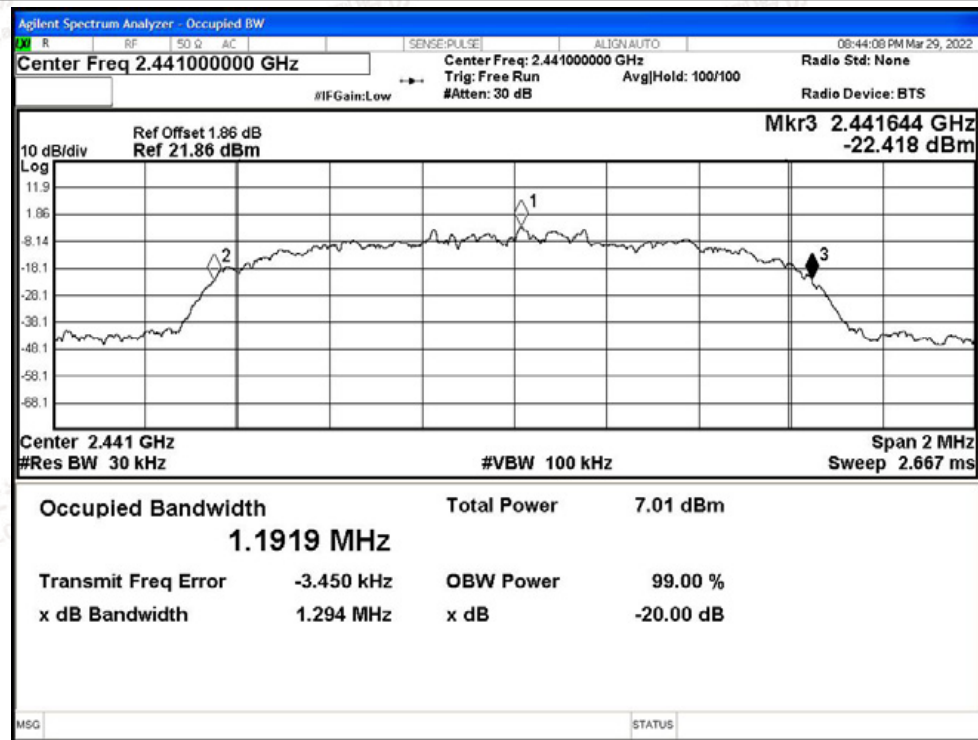




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

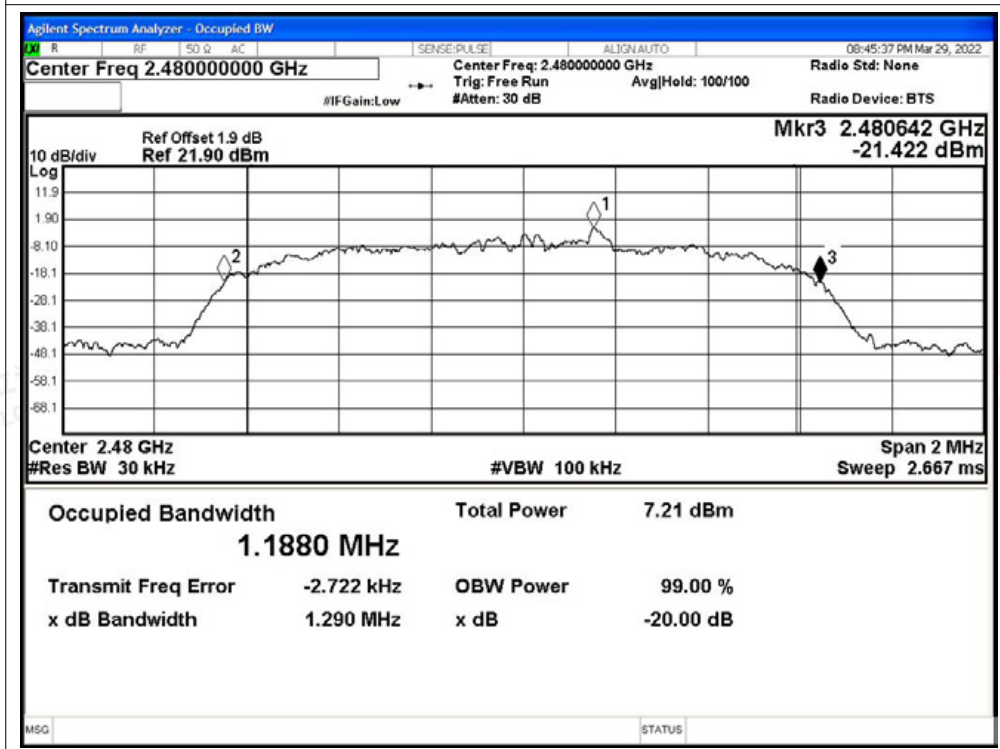


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



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

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A.2 Maximum Peak Conducted Output Power

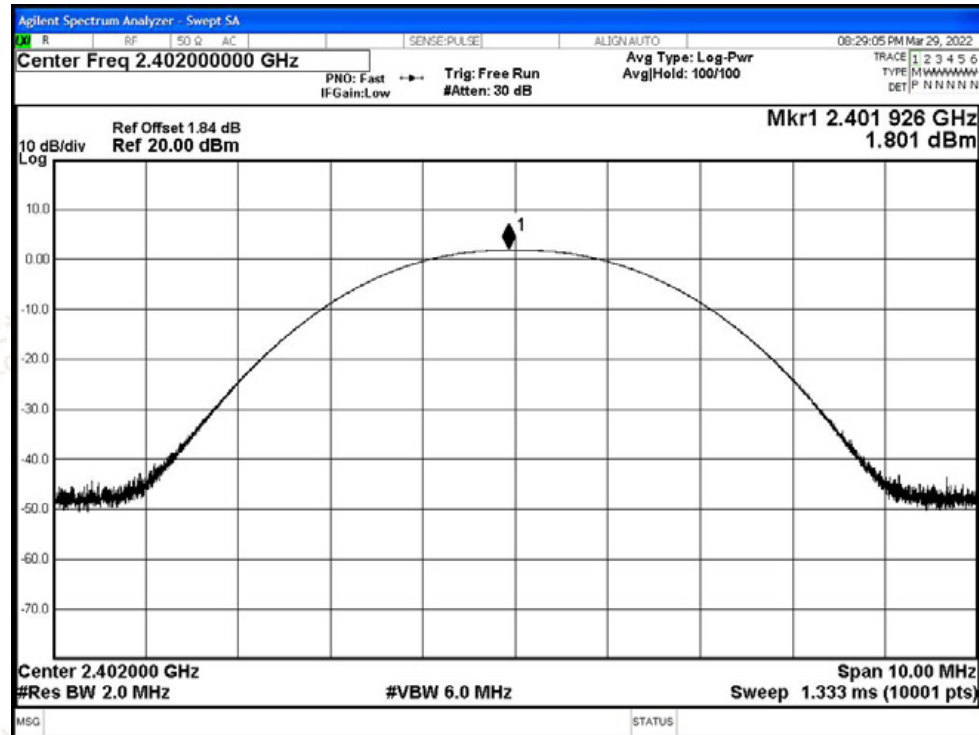
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.8	20.97	Pass
NVNT	1-DH5	2441	Ant1	2.22	20.97	Pass
NVNT	1-DH5	2480	Ant1	2.49	20.97	Pass
NVNT	2-DH5	2402	Ant1	1.5	20.97	Pass
NVNT	2-DH5	2441	Ant1	2	20.97	Pass
NVNT	2-DH5	2480	Ant1	2.28	20.97	Pass
NVNT	3-DH5	2402	Ant1	1.71	20.97	Pass
NVNT	3-DH5	2441	Ant1	2.17	20.97	Pass
NVNT	3-DH5	2480	Ant1	2.45	20.97	Pass



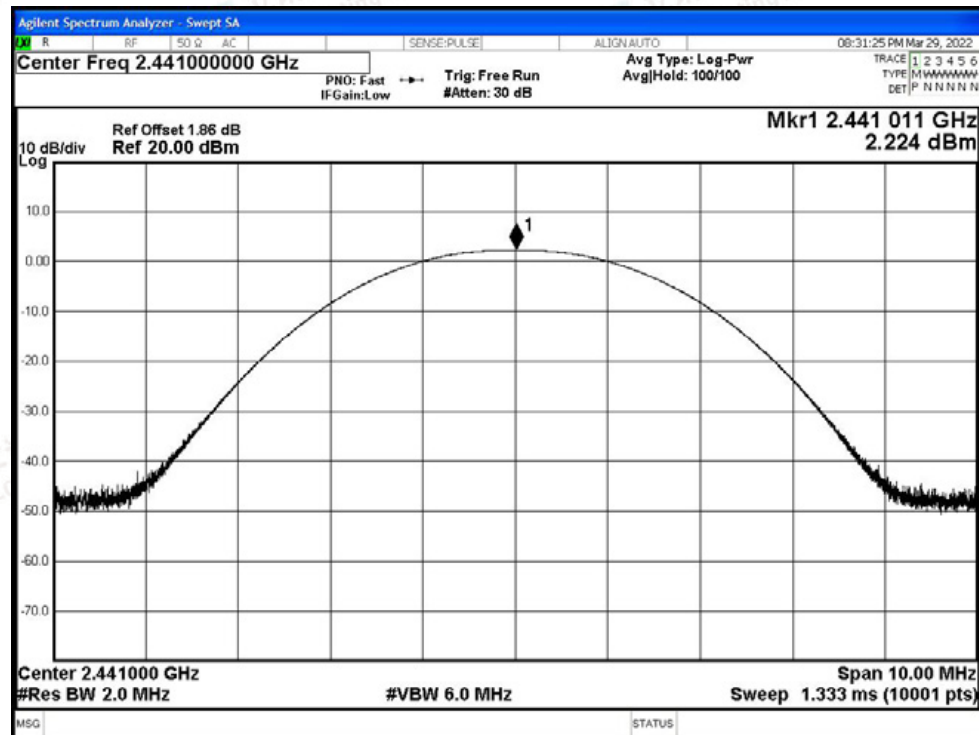


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

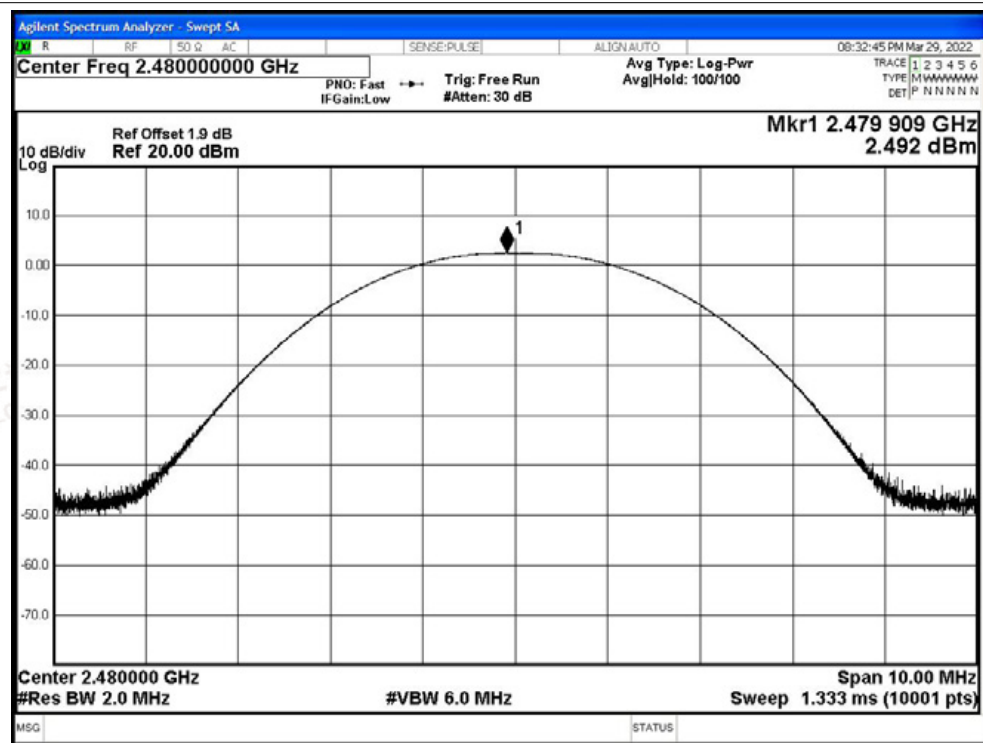


Power NVNT 1-DH5 2441MHz Ant1

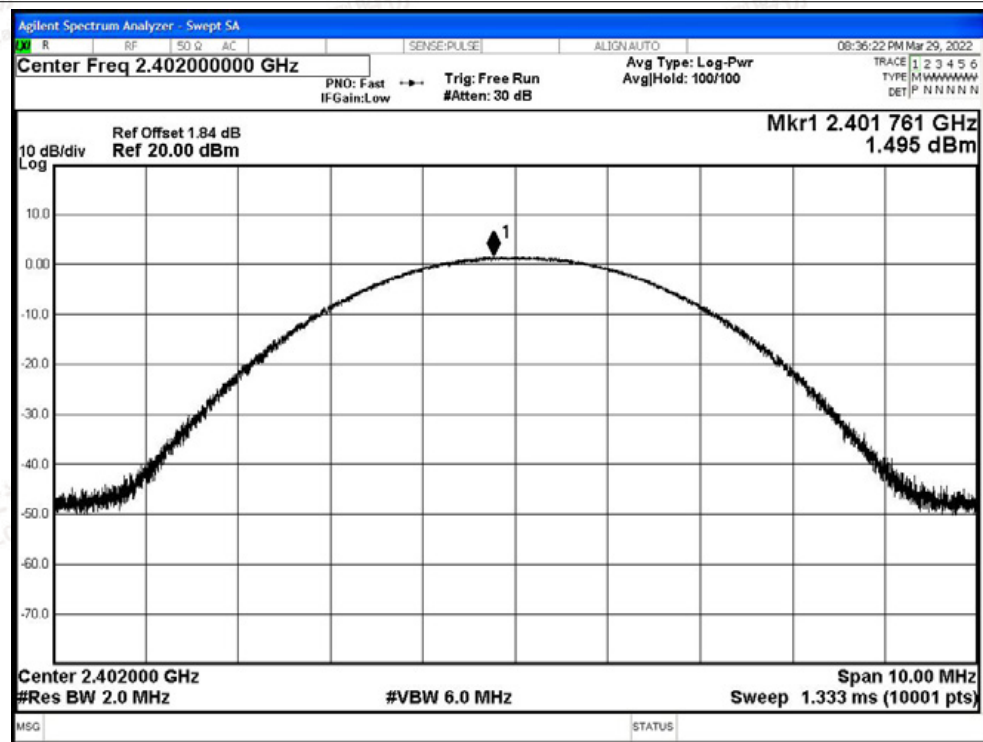




Power NVNT 1-DH5 2480MHz Ant1

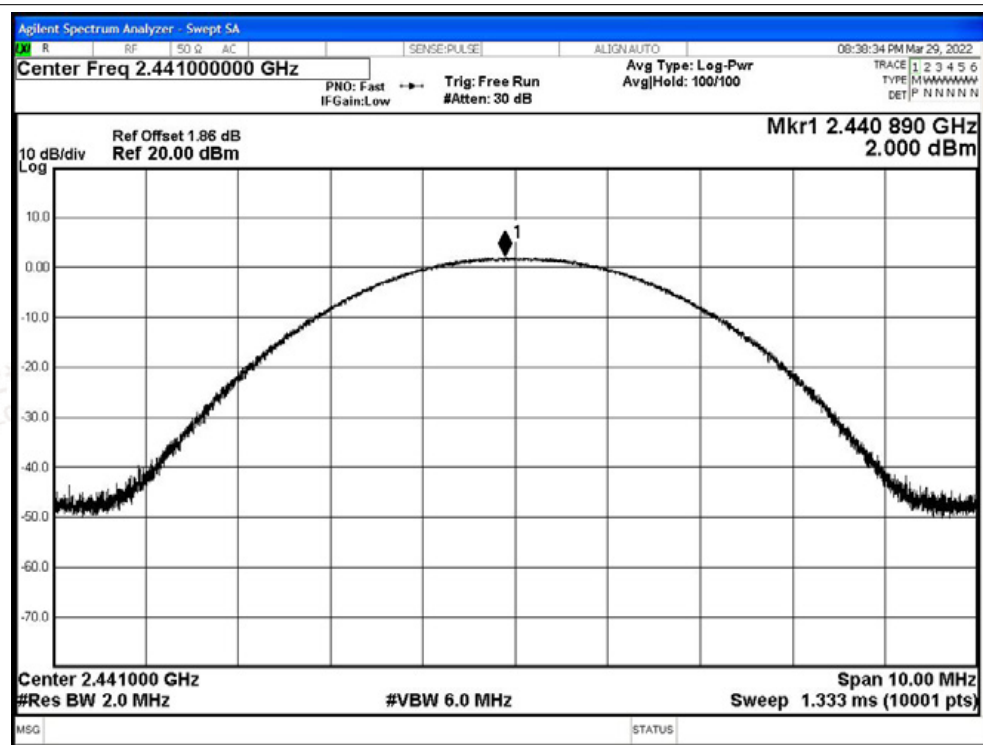


Power NVNT 2-DH5 2402MHz Ant1

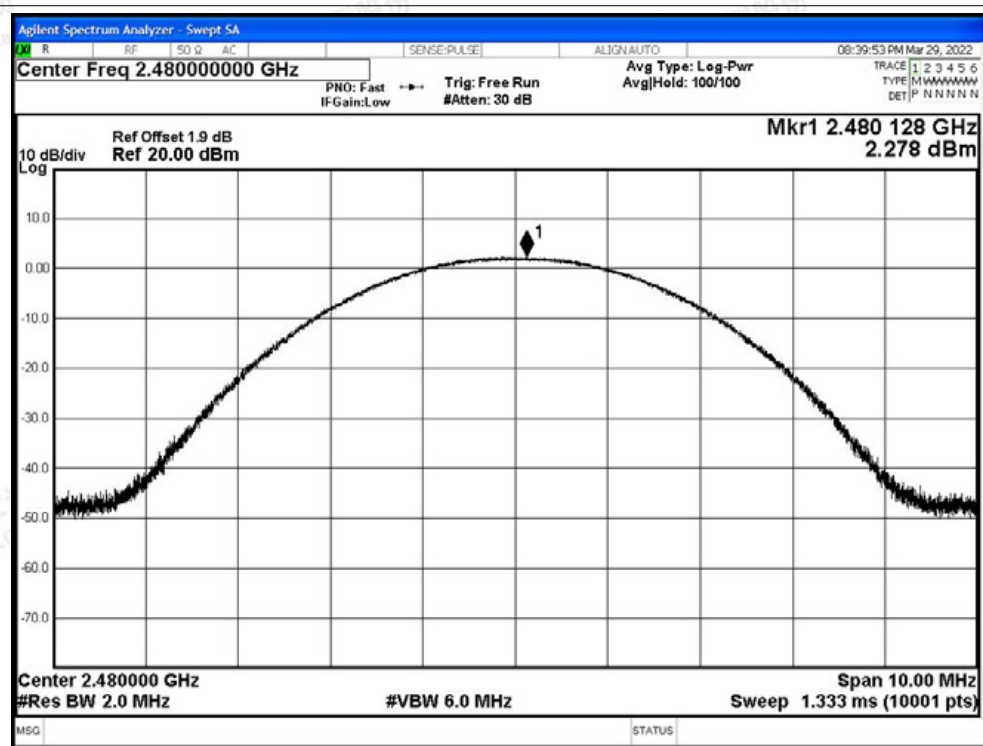




Power NVNT 2-DH5 2441MHz Ant1

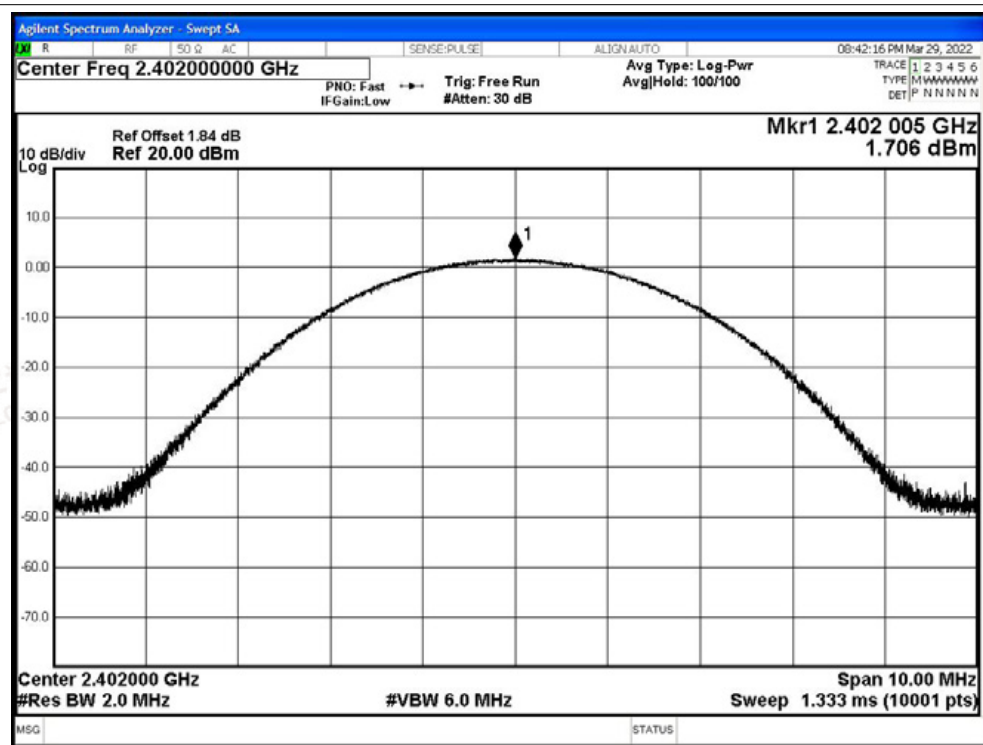


Power NVNT 2-DH5 2480MHz Ant1

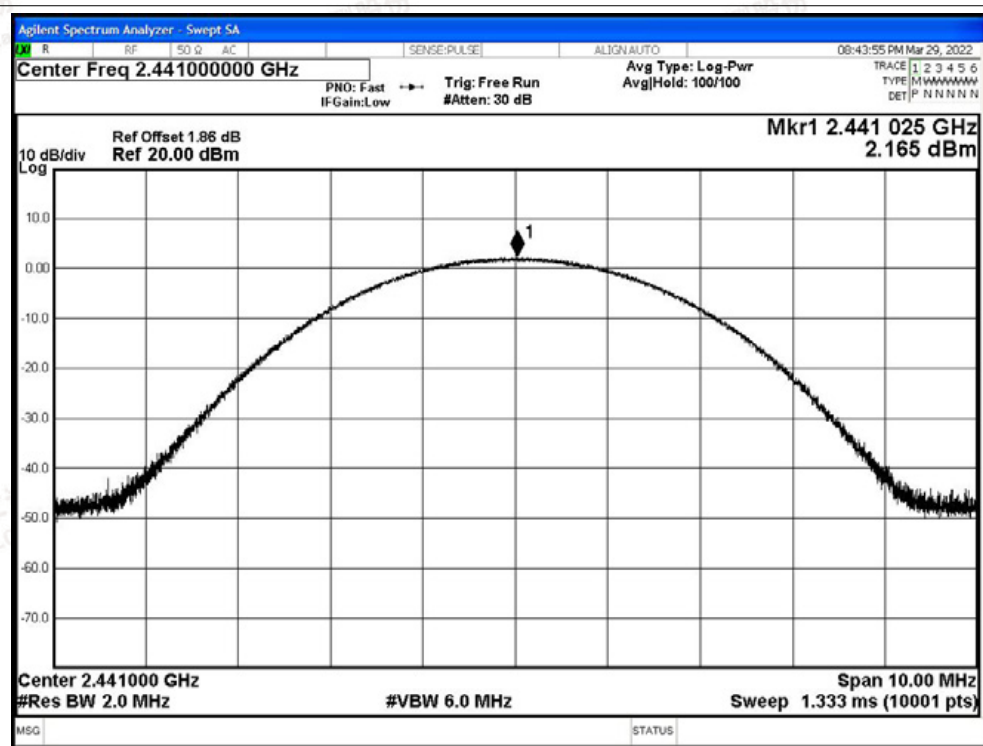


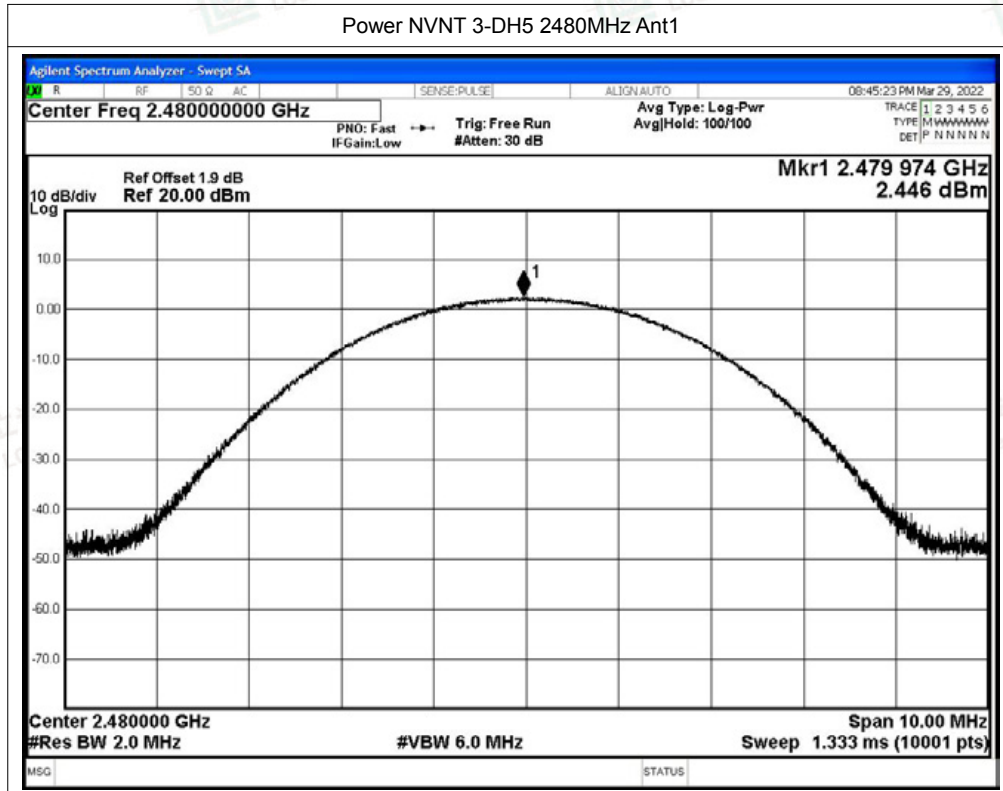


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1







A.3 Carrier Frequencies Separation

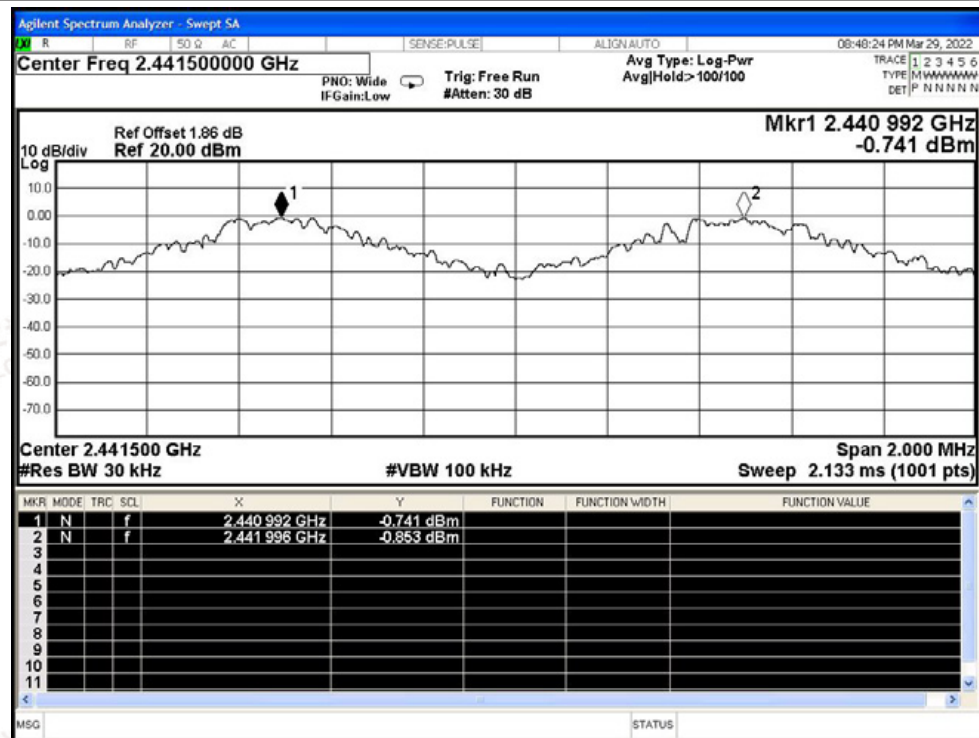
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2440.992	2441.996	1.004	0.638	Pass
NVNT	2-DH5	Ant1	2440.84	2442.166	1.326	0.856	Pass
NVNT	3-DH5	Ant1	2441.164	2442.162	0.998	0.863	Pass



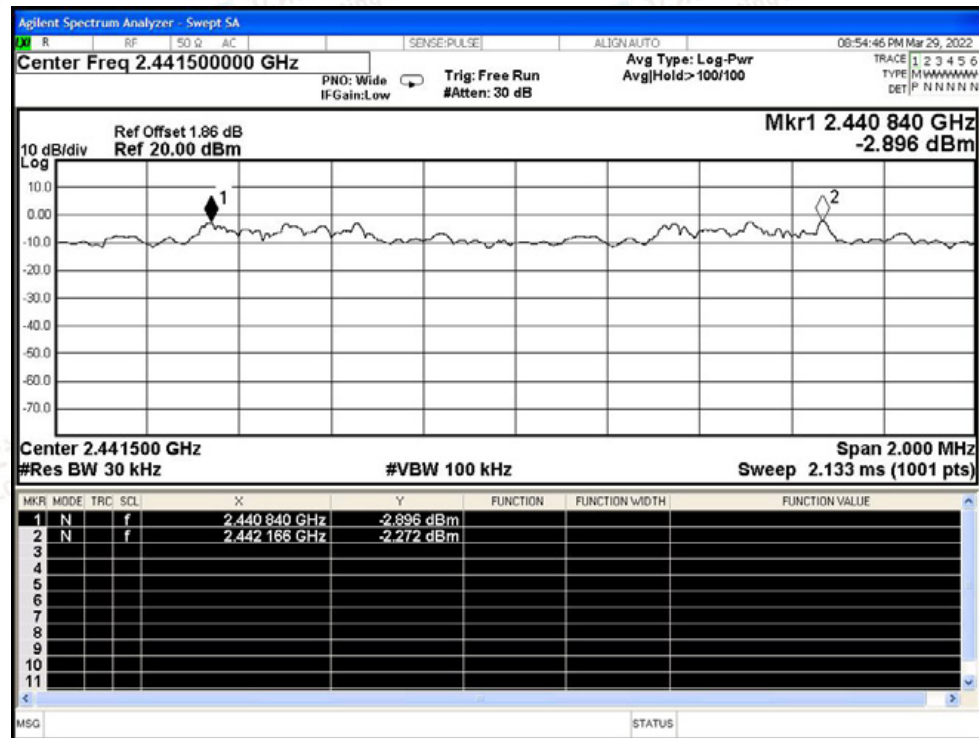


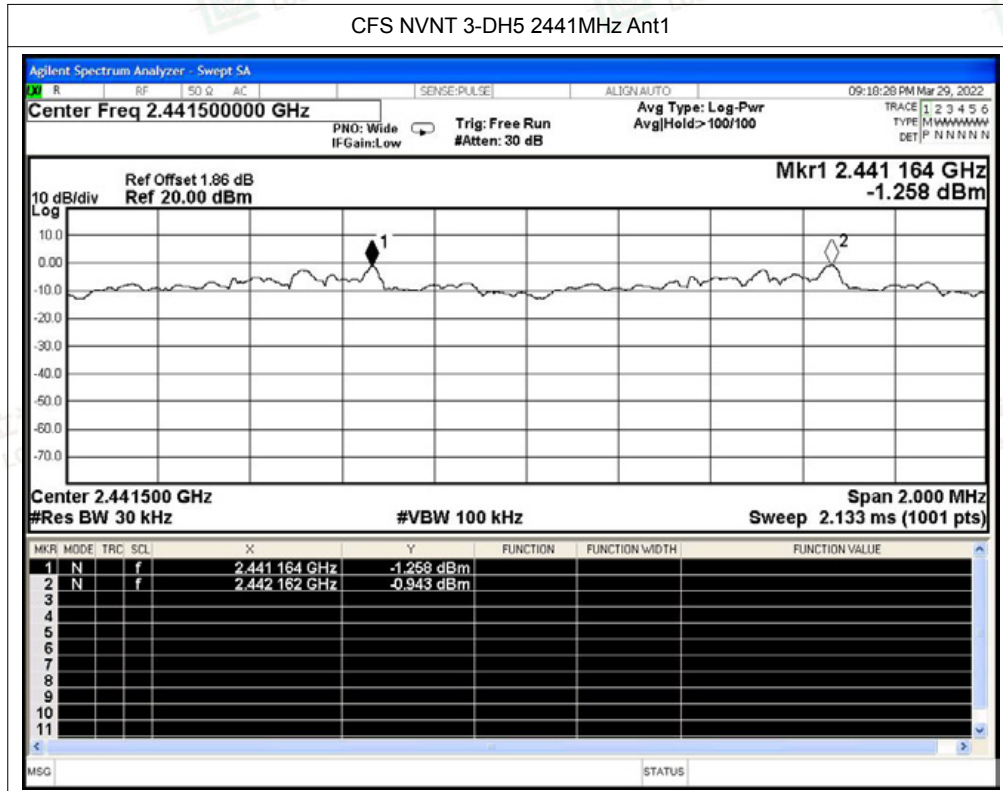
Test Graphs

CFS NVNT 1-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2441MHz Ant1







A.4 Dwell Time

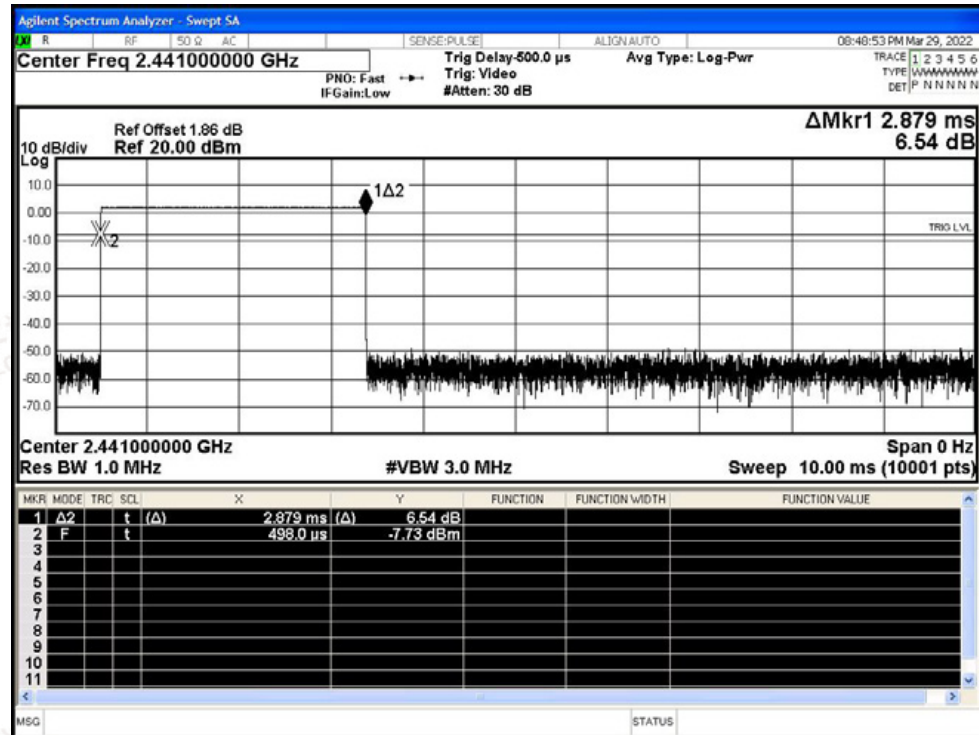
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2441	Ant1	2.879	322.448	112	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.881	262.171	91	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.884	325.892	113	31600	400	Pass



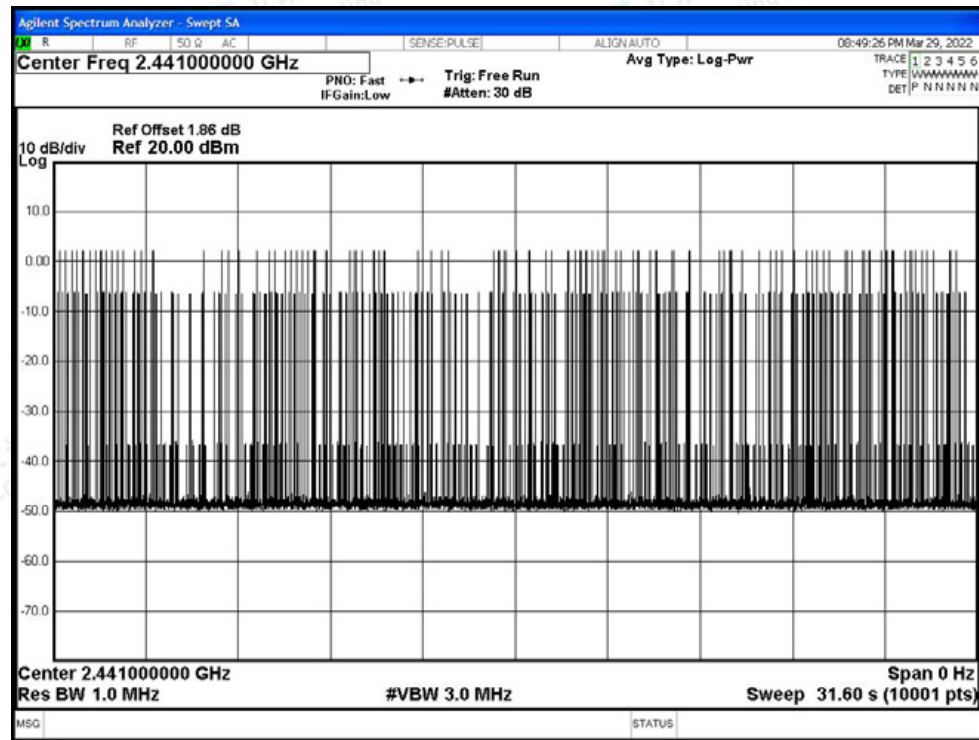


Test Graphs

Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

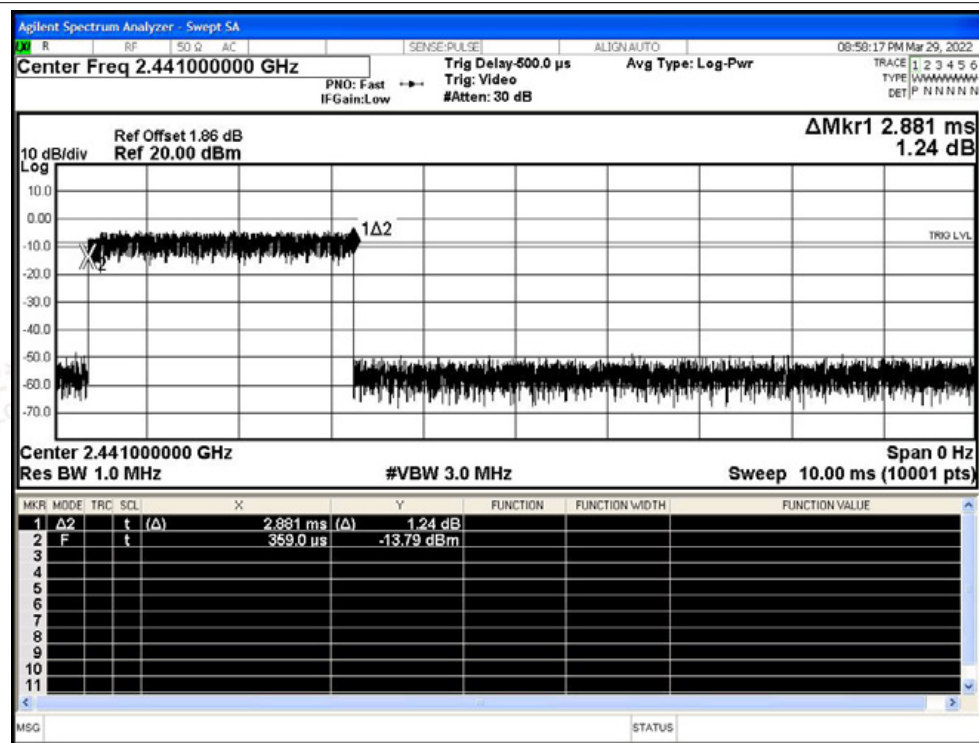


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

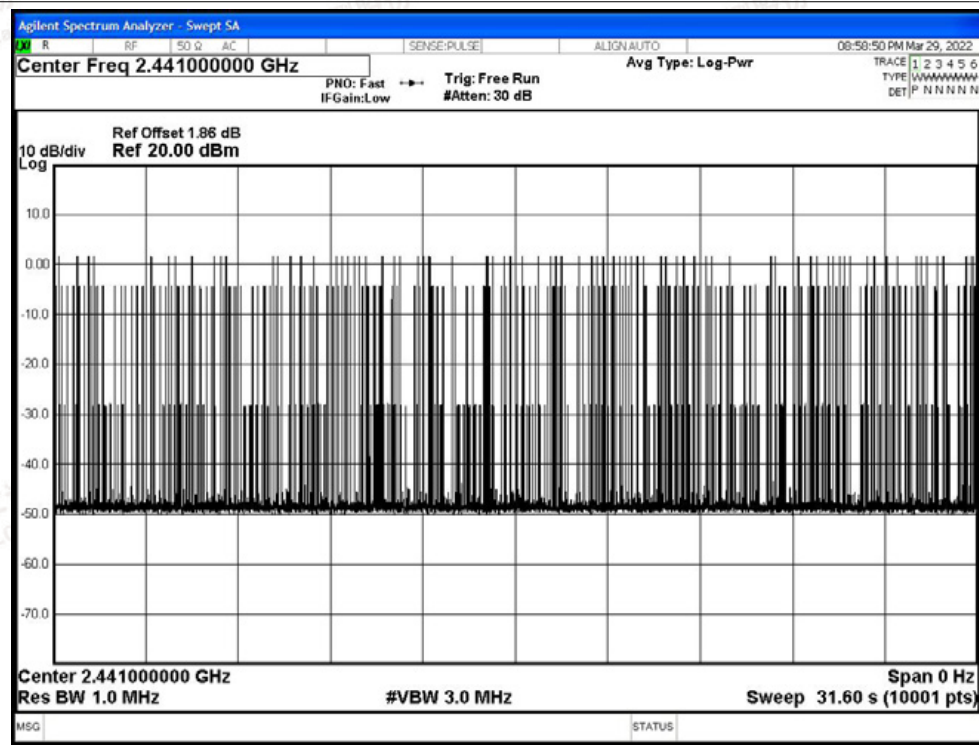




Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

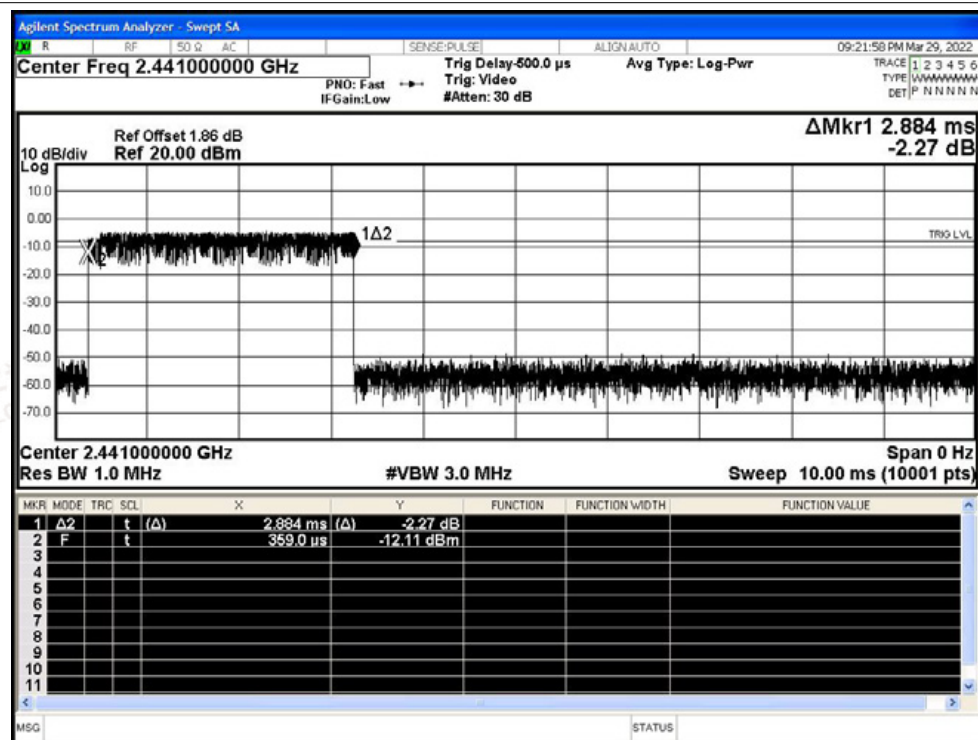


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

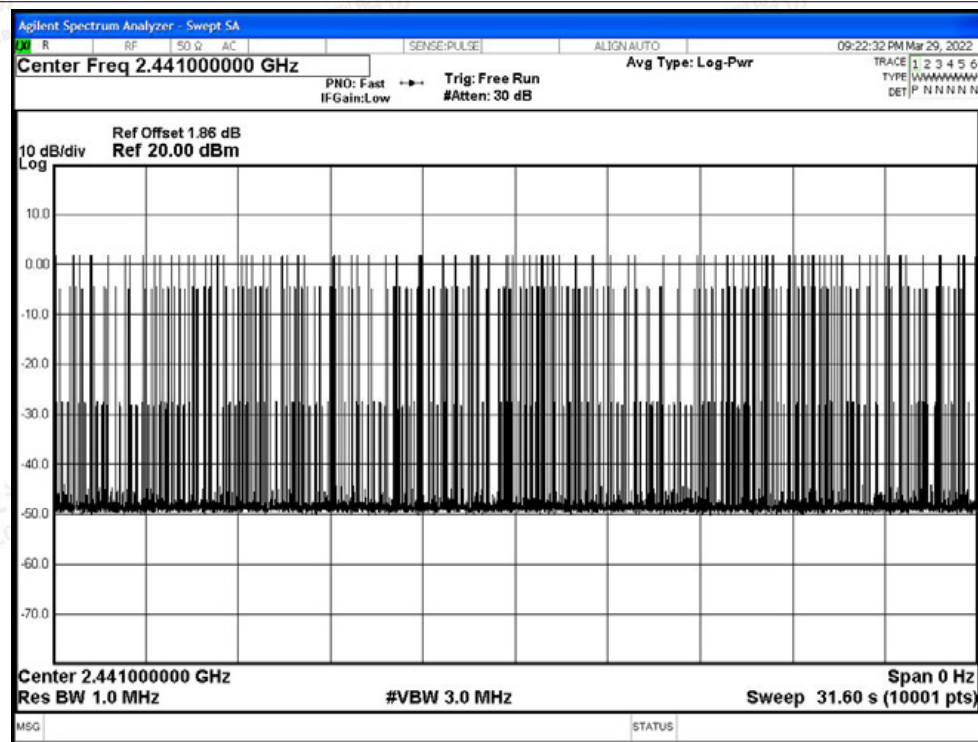




Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated





A.5 Number of Hopping Channel

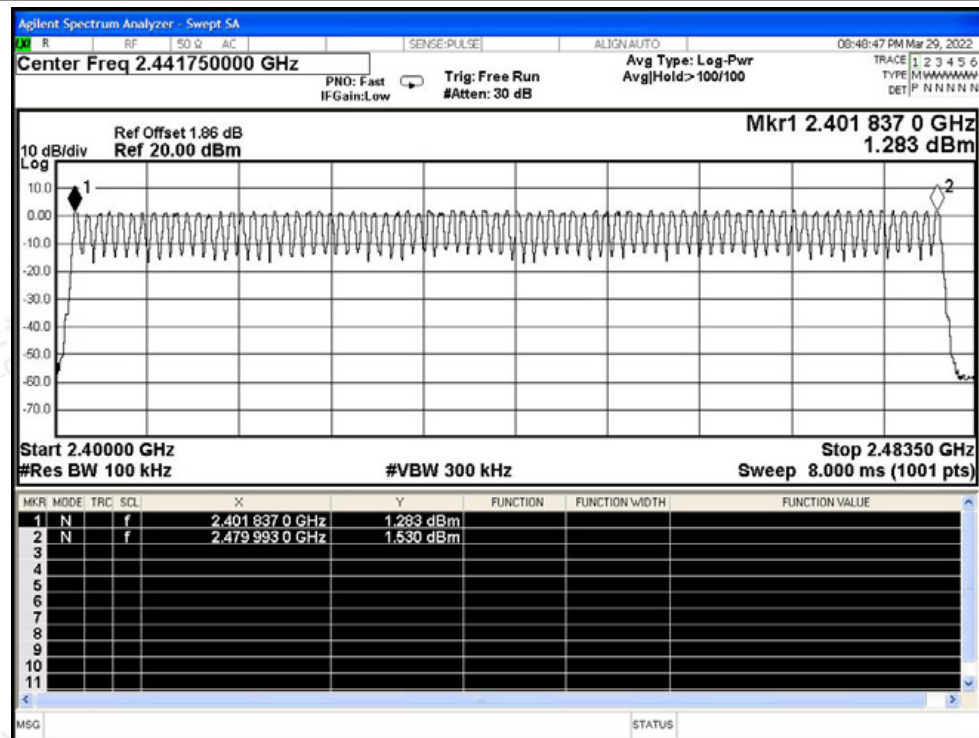
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



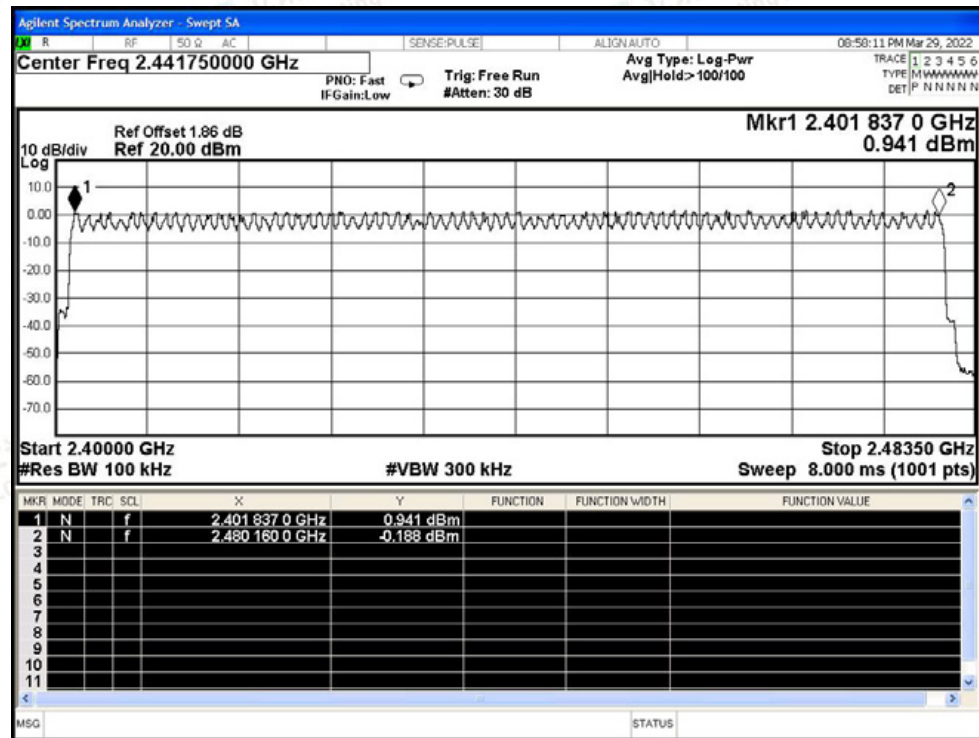


Test Graphs

Hopping No. NVNT 1-DH5 2441MHz Ant1

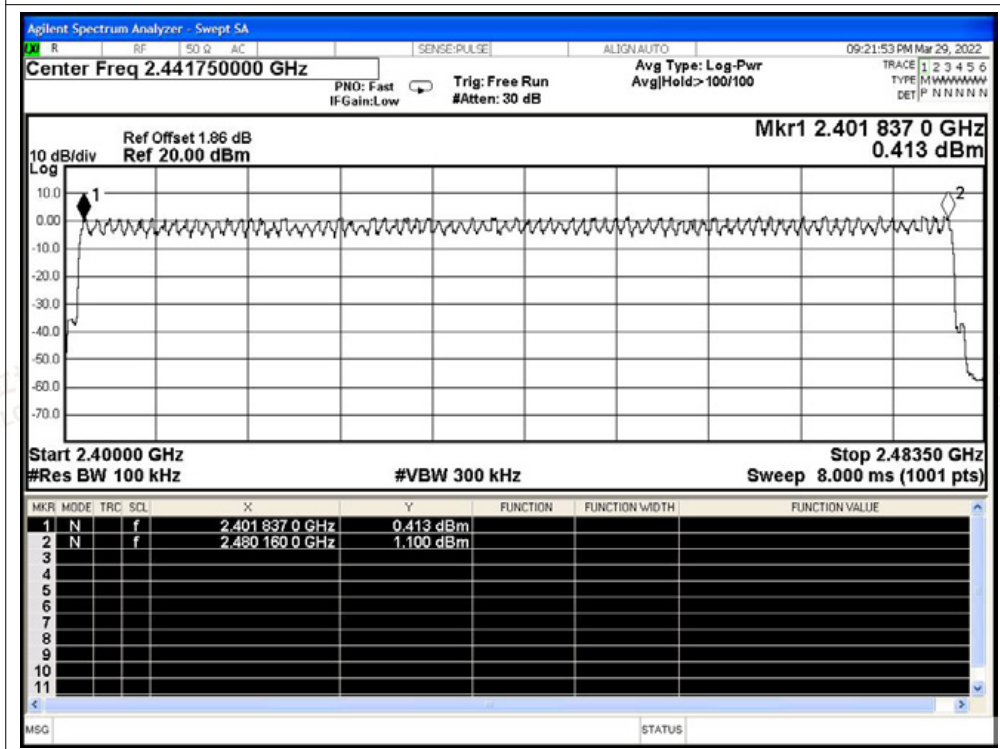


Hopping No. NVNT 2-DH5 2441MHz Ant1





Hopping No. NVNT 3-DH5 2441MHz Ant1



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A.6 Band Edge

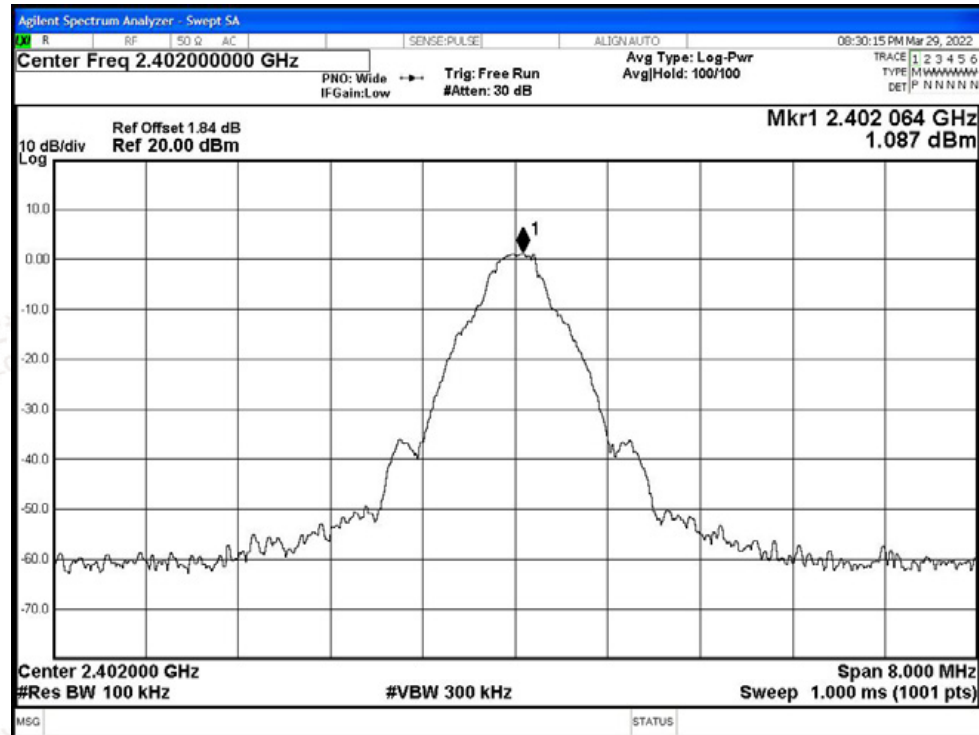
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.74	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-59.5	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.46	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.26	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-53.88	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-58.45	-20	Pass



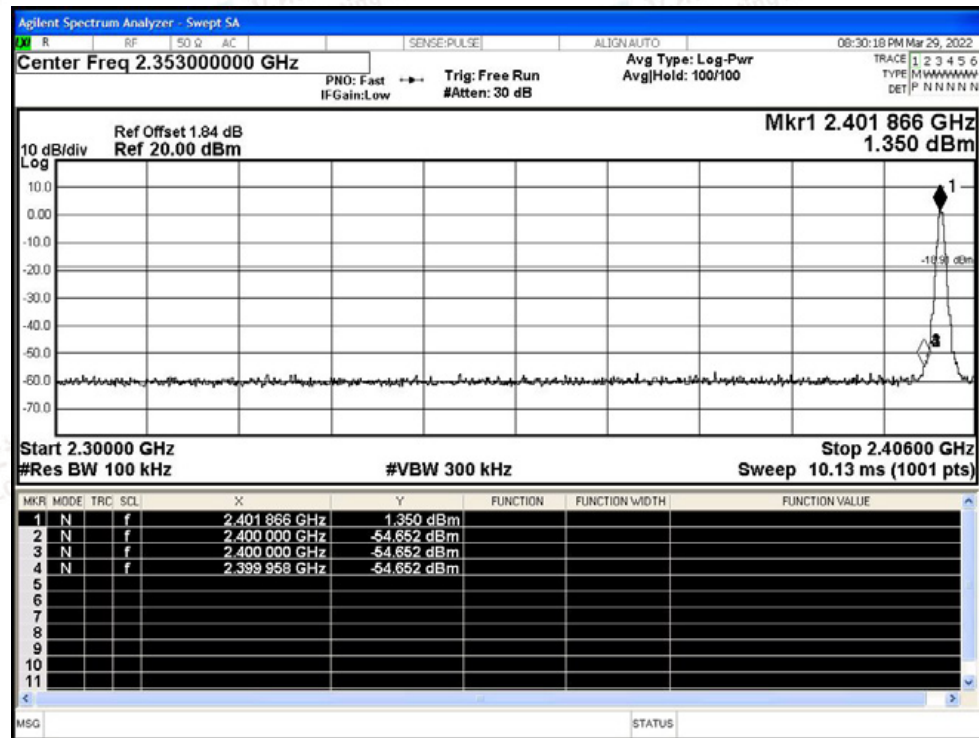


Test Graphs

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



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



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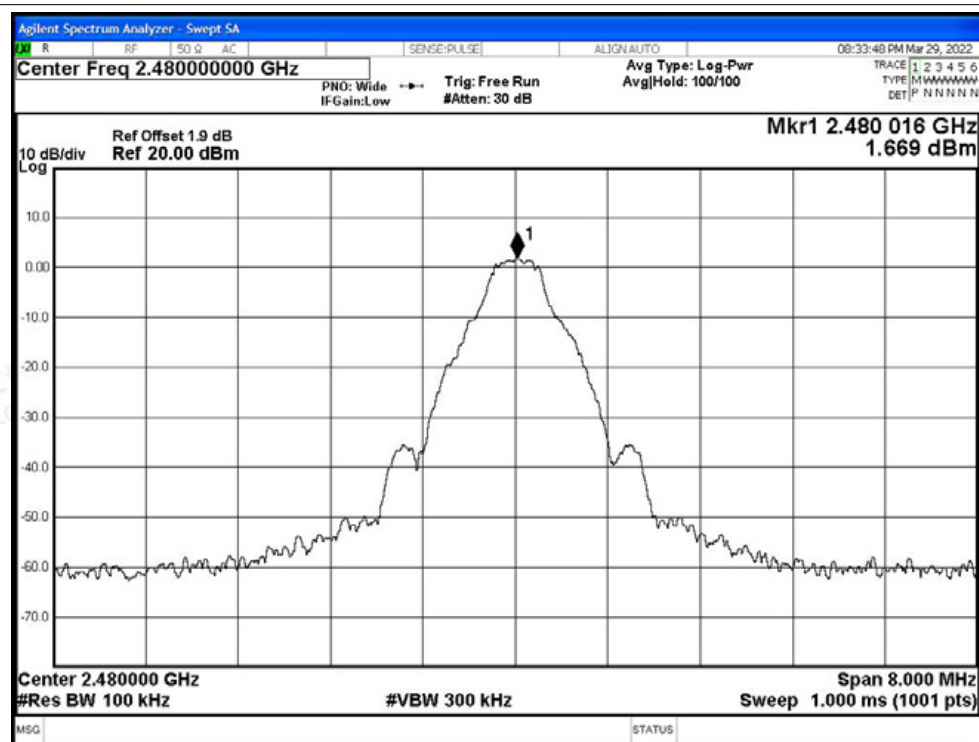
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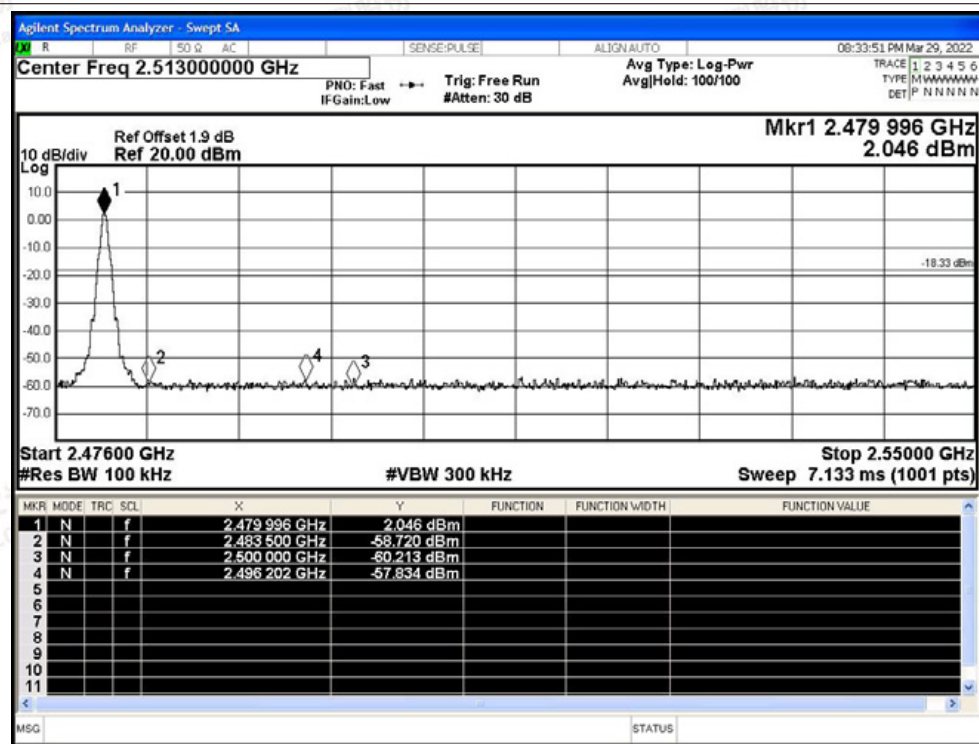
Scan code to check authenticity



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

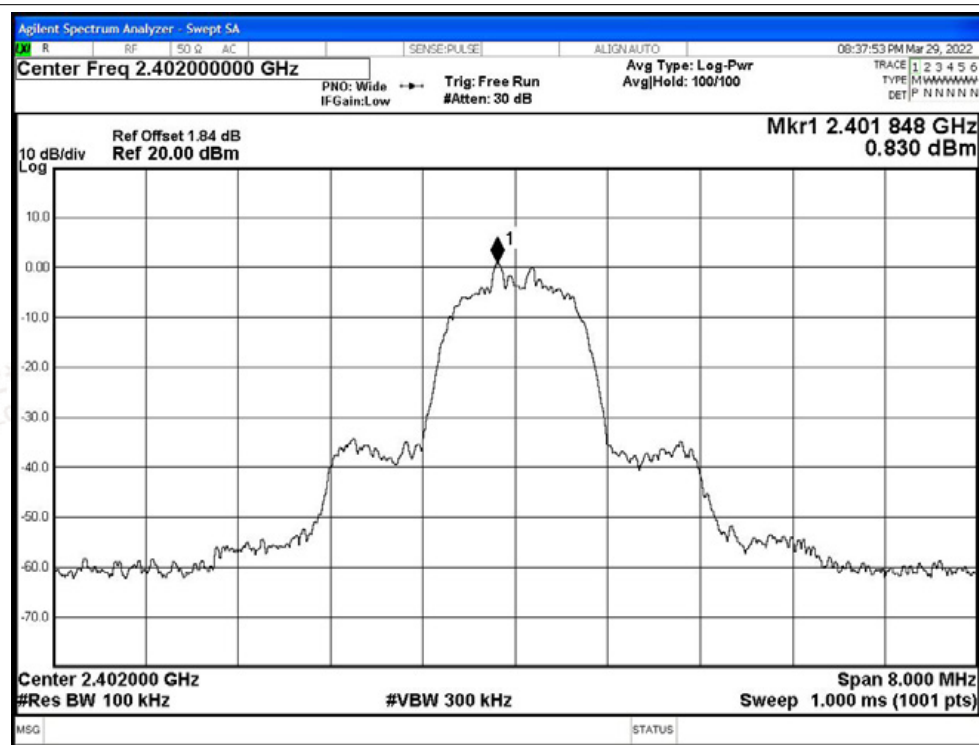


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

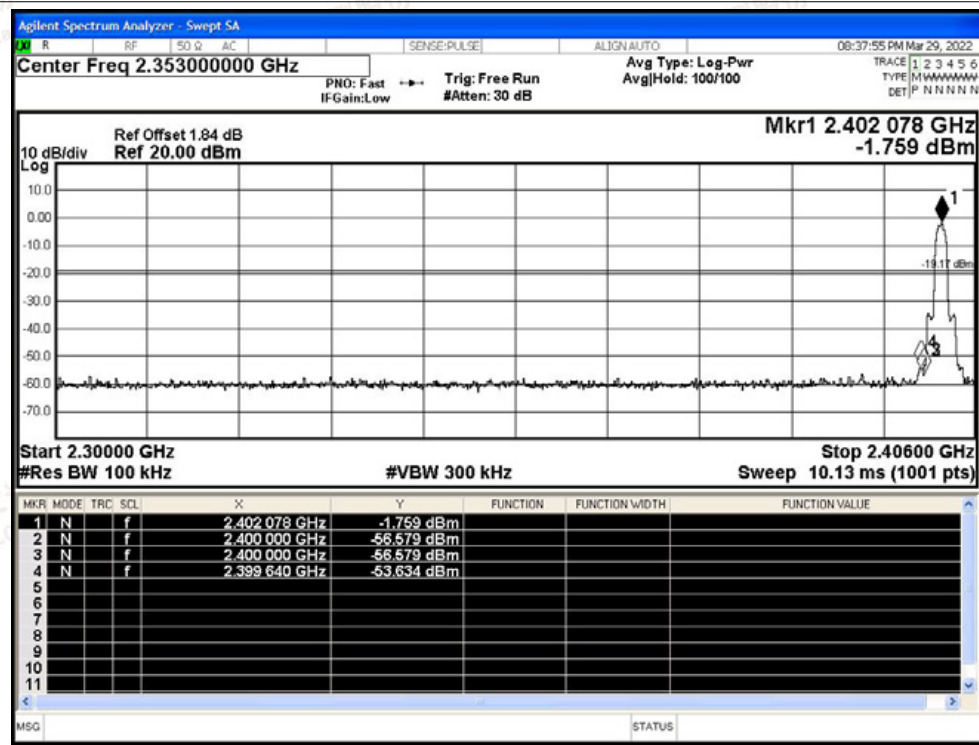




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

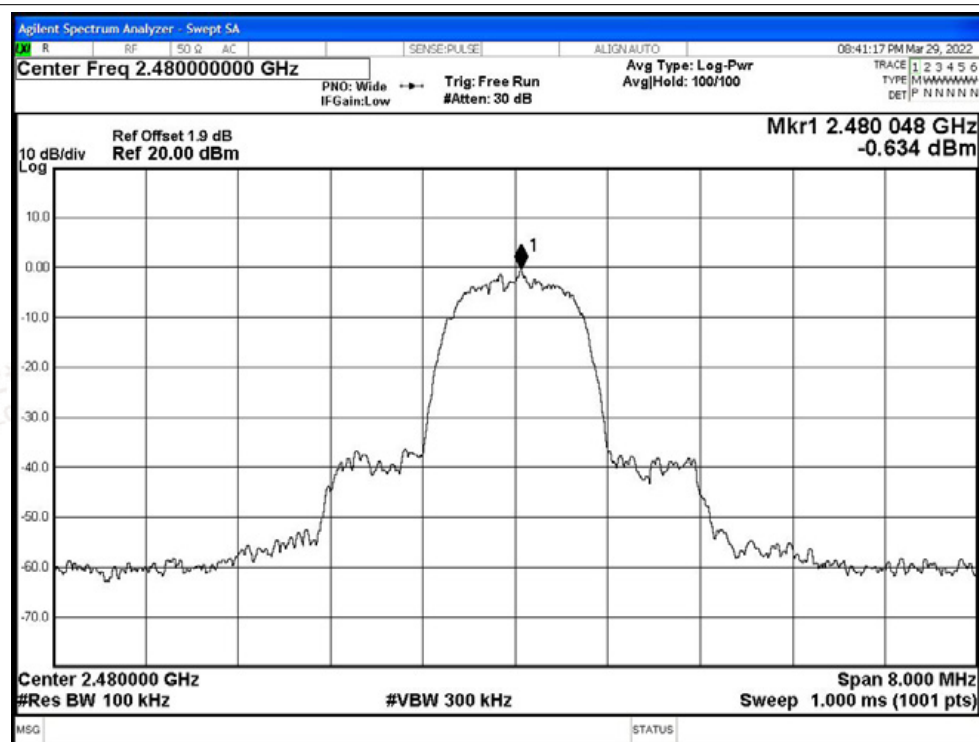


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

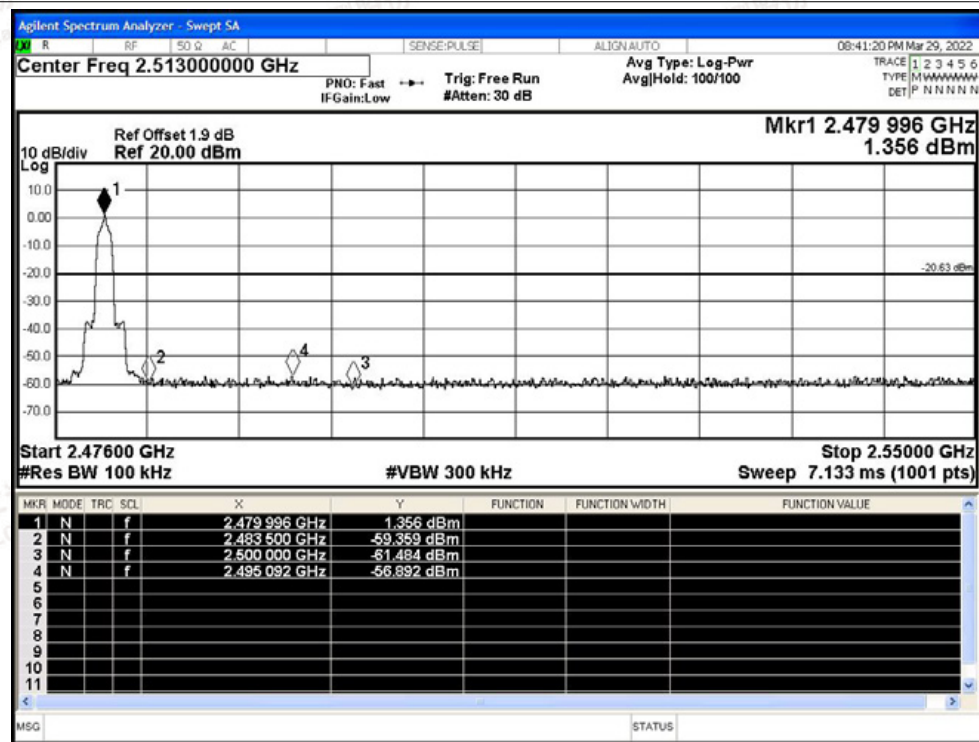




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

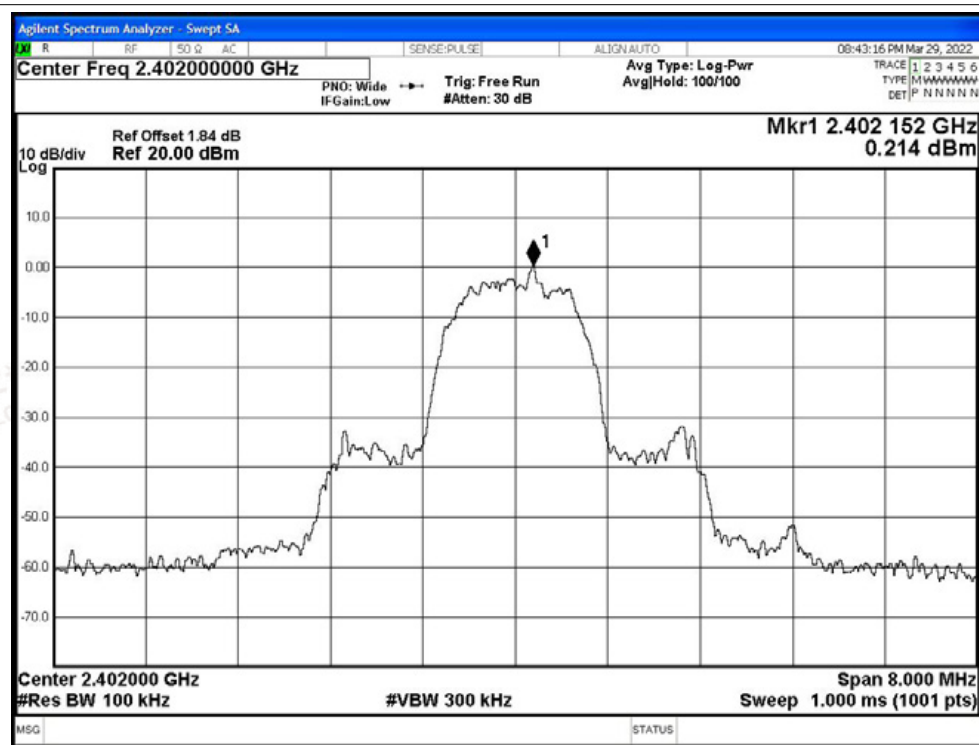


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

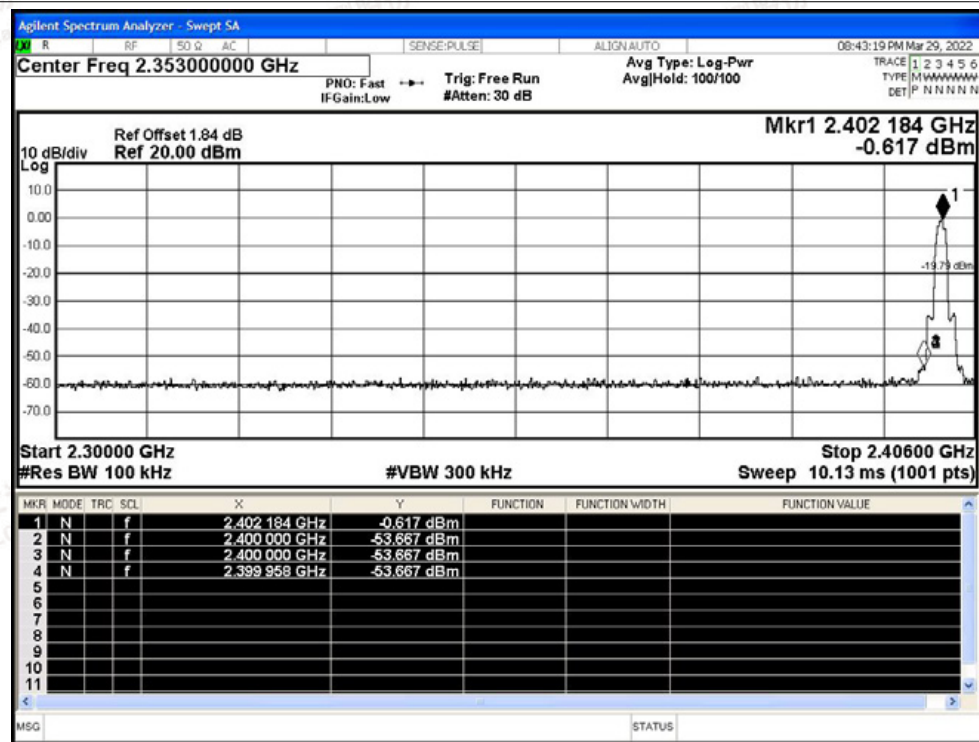




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

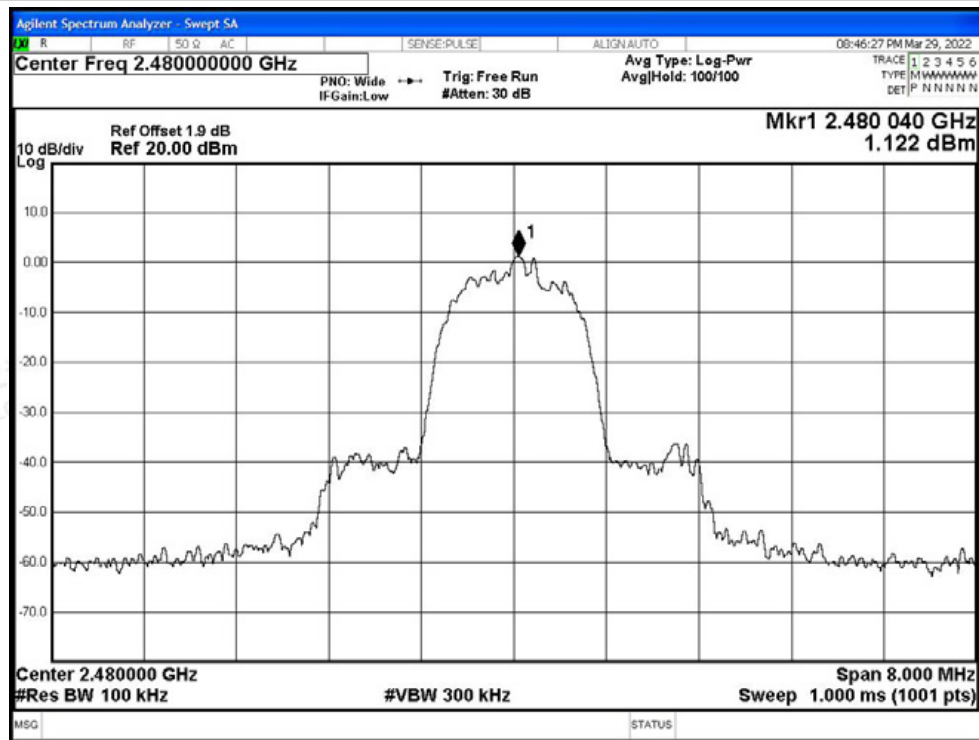


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission





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



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

