



## Appendix A

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

**Product Name:** Notebook

**Test Model:** HT14CC4S01

#### Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





### A.1 -20dB Bandwidth

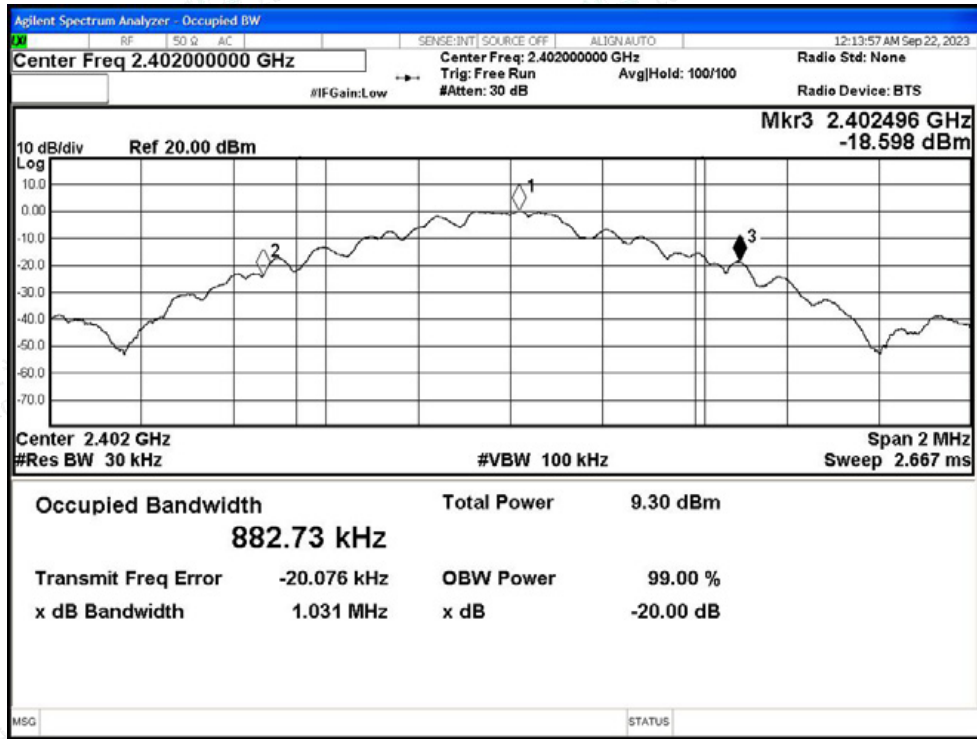
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.031	0	Pass
NVNT	1-DH5	2441	Ant1	1.027	0	Pass
NVNT	1-DH5	2480	Ant1	1.03	0	Pass
NVNT	2-DH5	2402	Ant1	1.34	0	Pass
NVNT	2-DH5	2441	Ant1	1.343	0	Pass
NVNT	2-DH5	2480	Ant1	1.339	0	Pass
NVNT	3-DH5	2402	Ant1	1.287	0	Pass
NVNT	3-DH5	2441	Ant1	1.286	0	Pass
NVNT	3-DH5	2480	Ant1	1.287	0	Pass



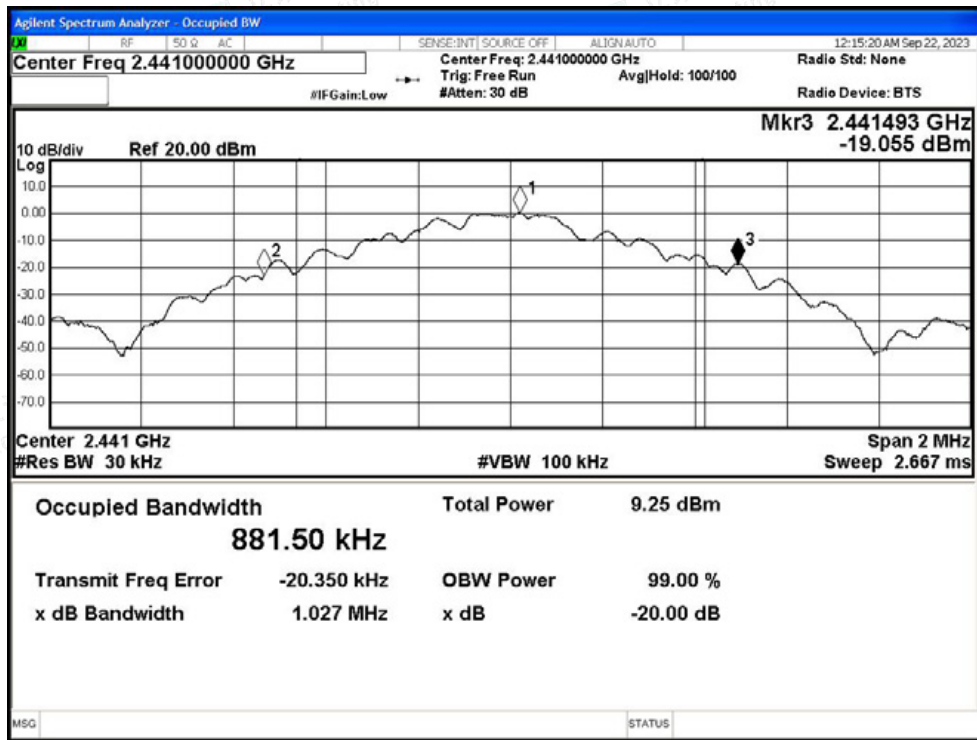


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

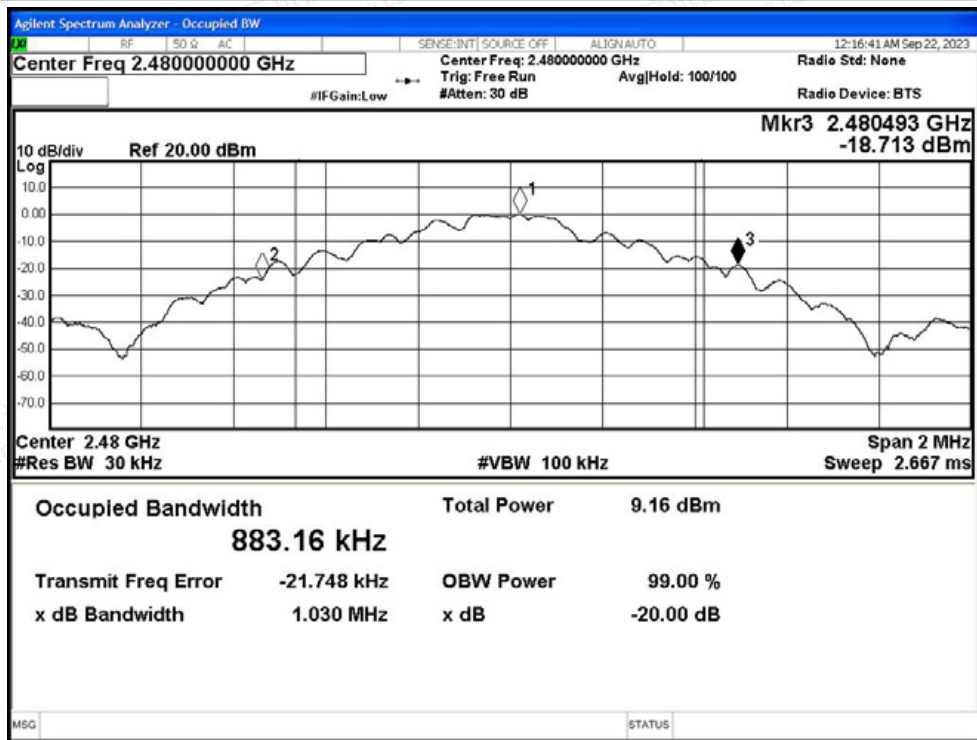


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

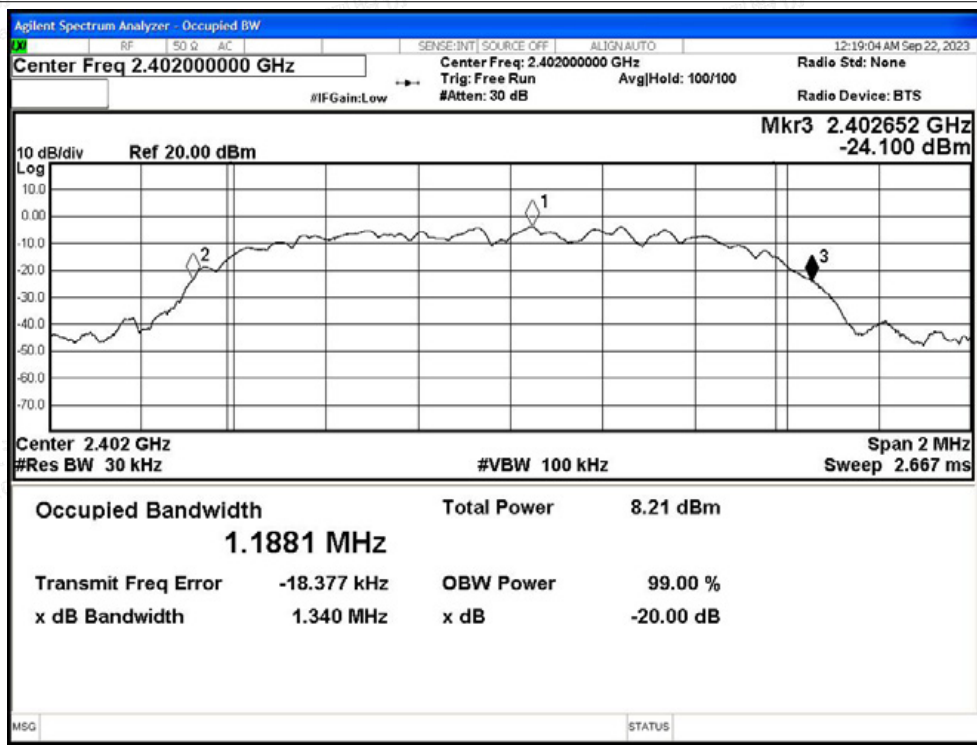




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

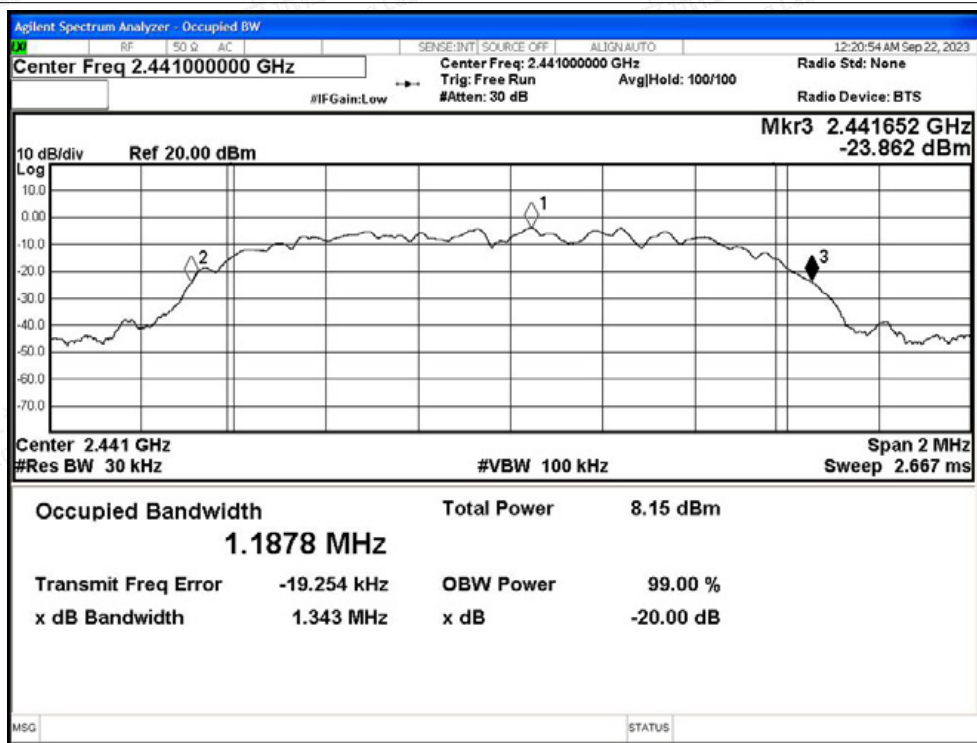


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

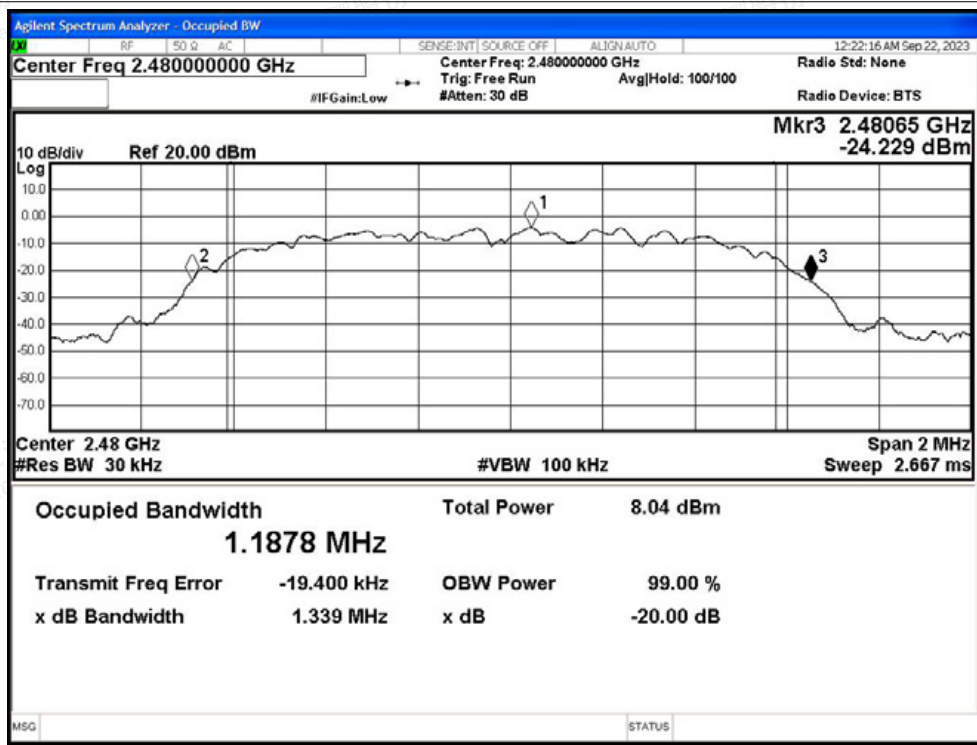




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



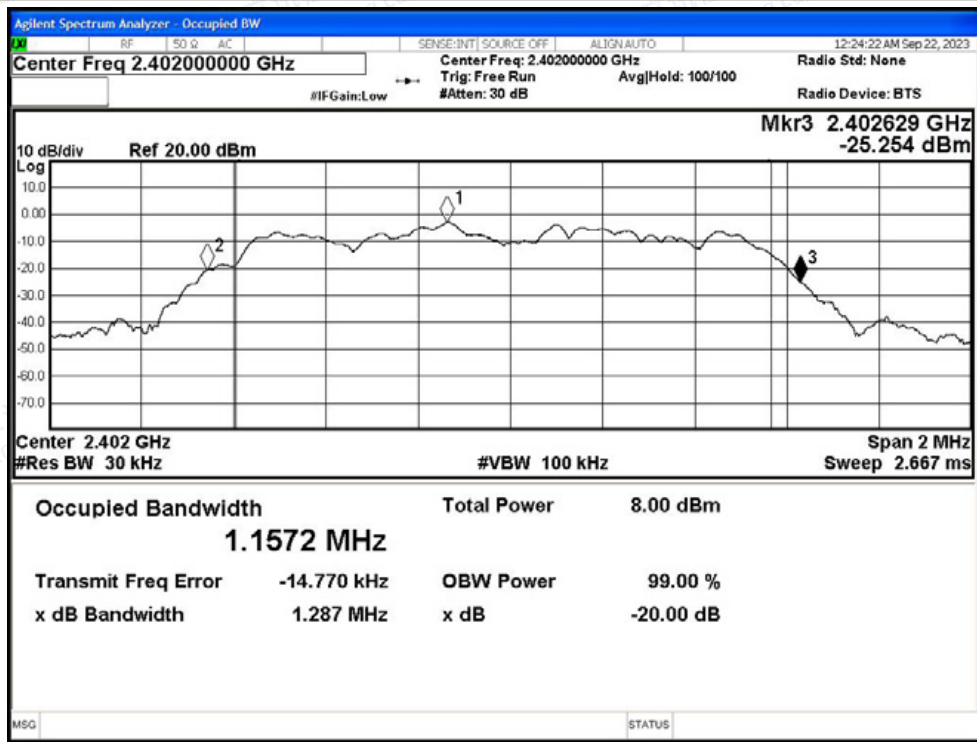
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



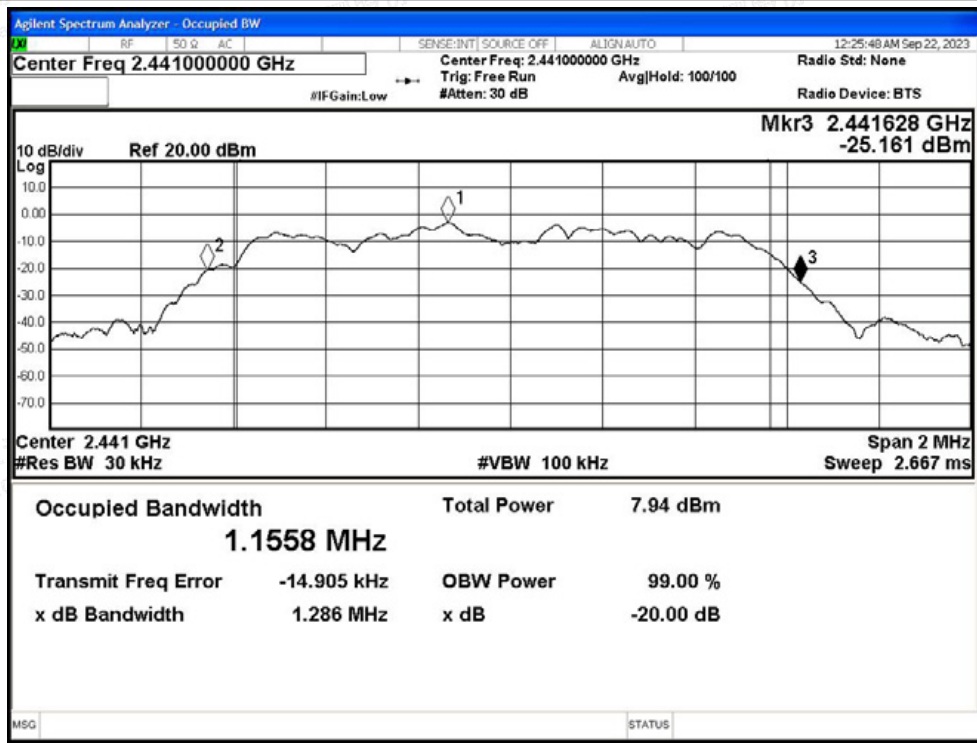




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

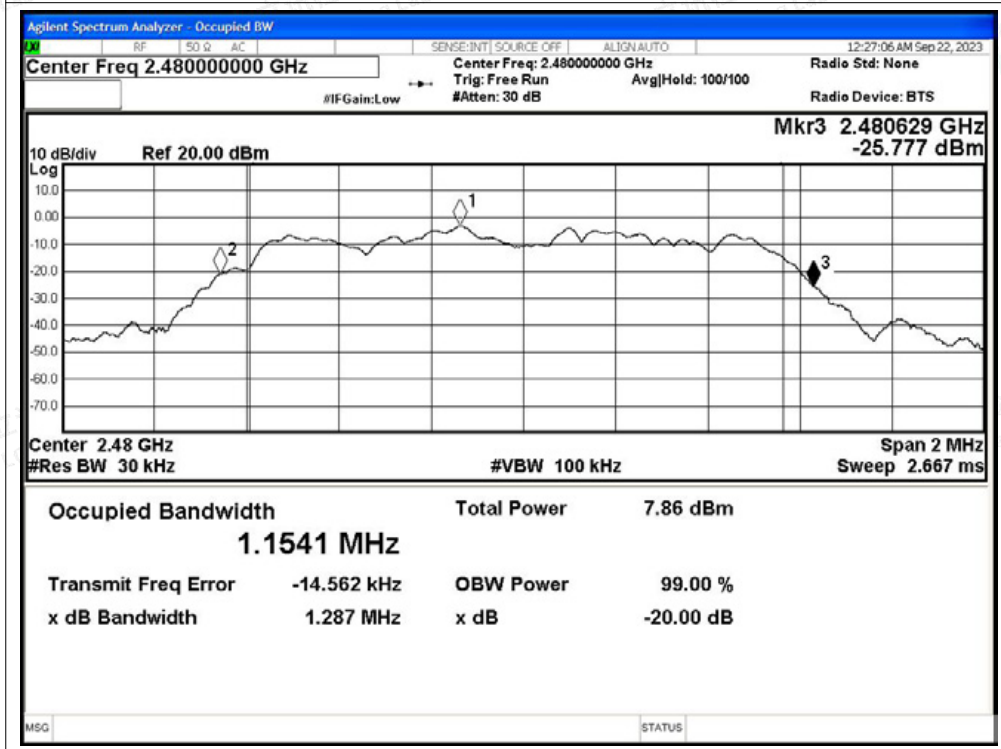


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1





## A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	4.55	21	Pass
NVNT	1-DH5	2441	Ant1	4.52	21	Pass
NVNT	1-DH5	2480	Ant1	4.41	21	Pass
NVNT	2-DH5	2402	Ant1	5.77	21	Pass
NVNT	2-DH5	2441	Ant1	5.74	21	Pass
NVNT	2-DH5	2480	Ant1	5.67	21	Pass
NVNT	3-DH5	2402	Ant1	6.01	21	Pass
NVNT	3-DH5	2441	Ant1	5.99	21	Pass
NVNT	3-DH5	2480	Ant1	5.93	21	Pass

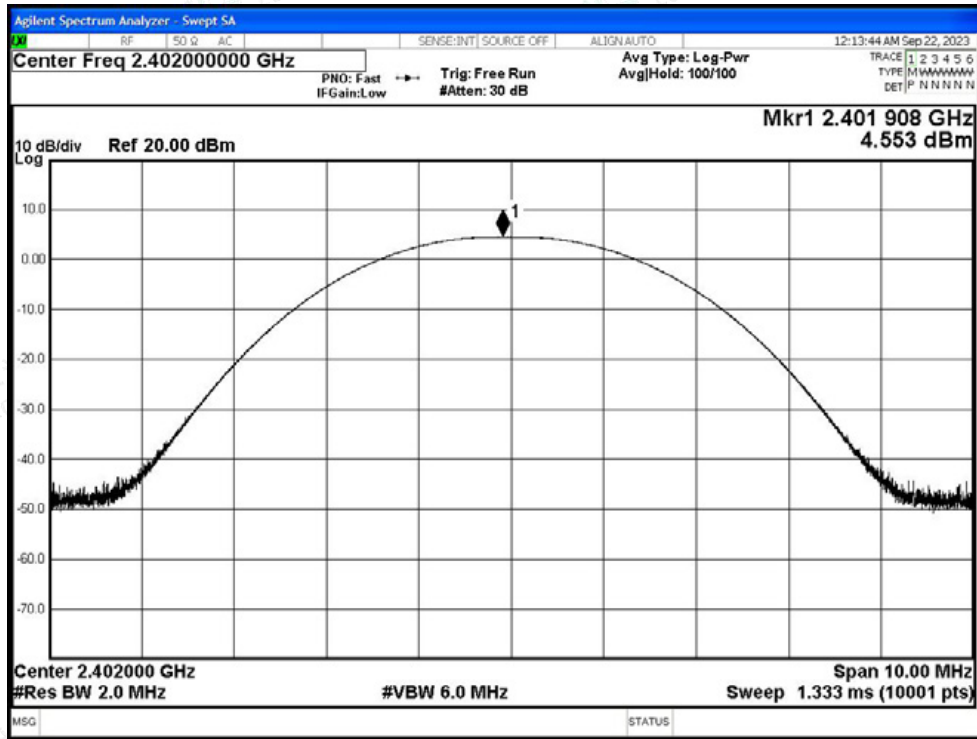




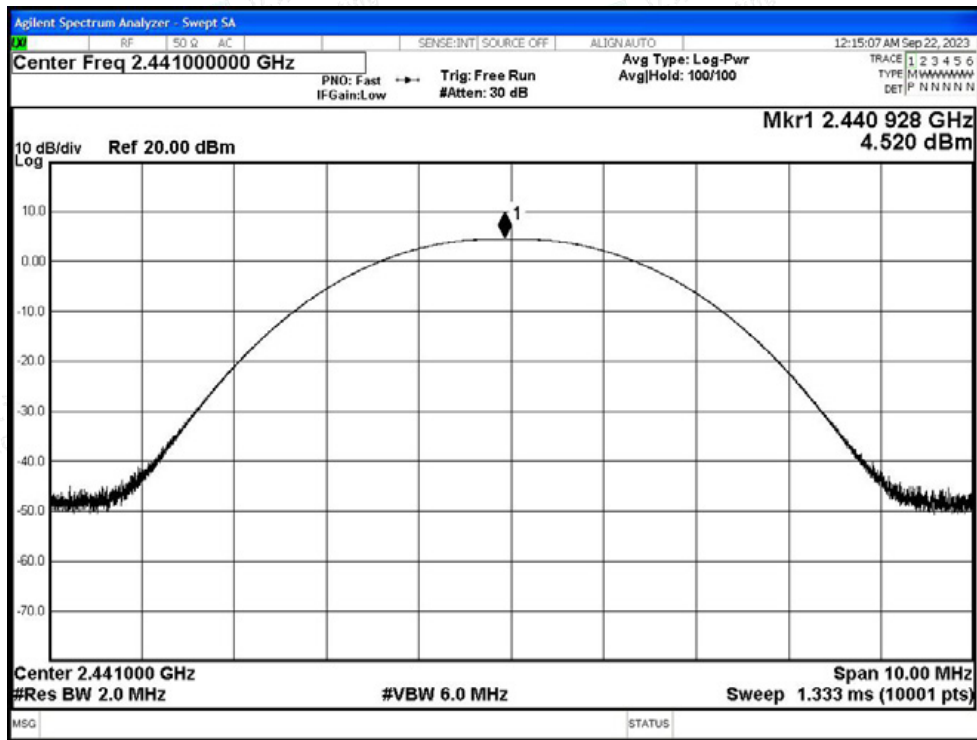


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

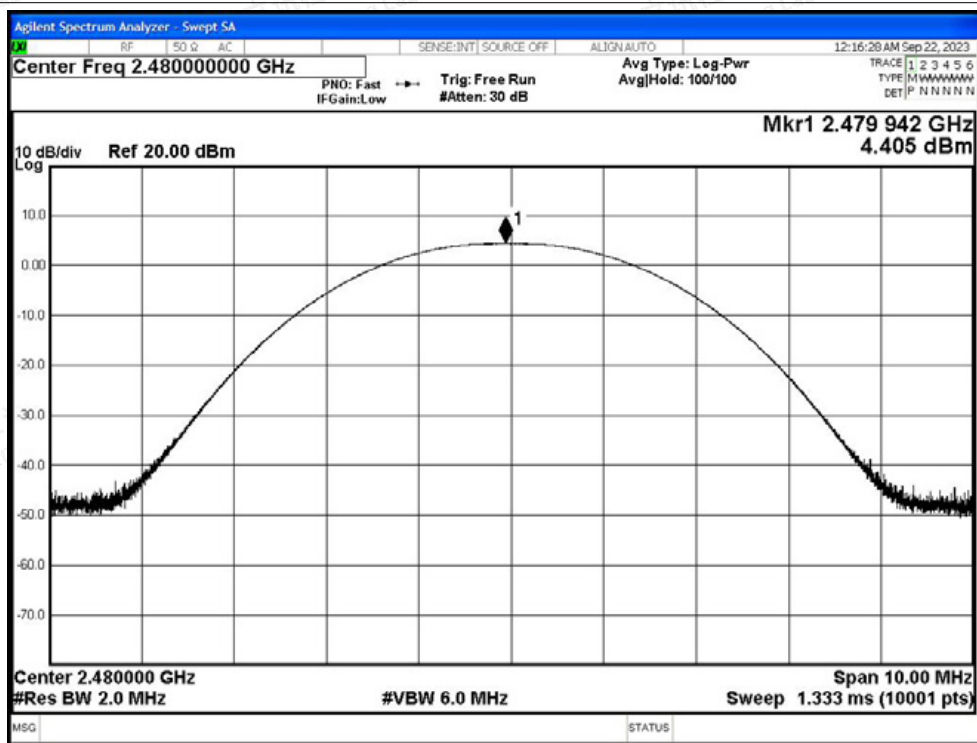


Power NVNT 1-DH5 2441MHz Ant1

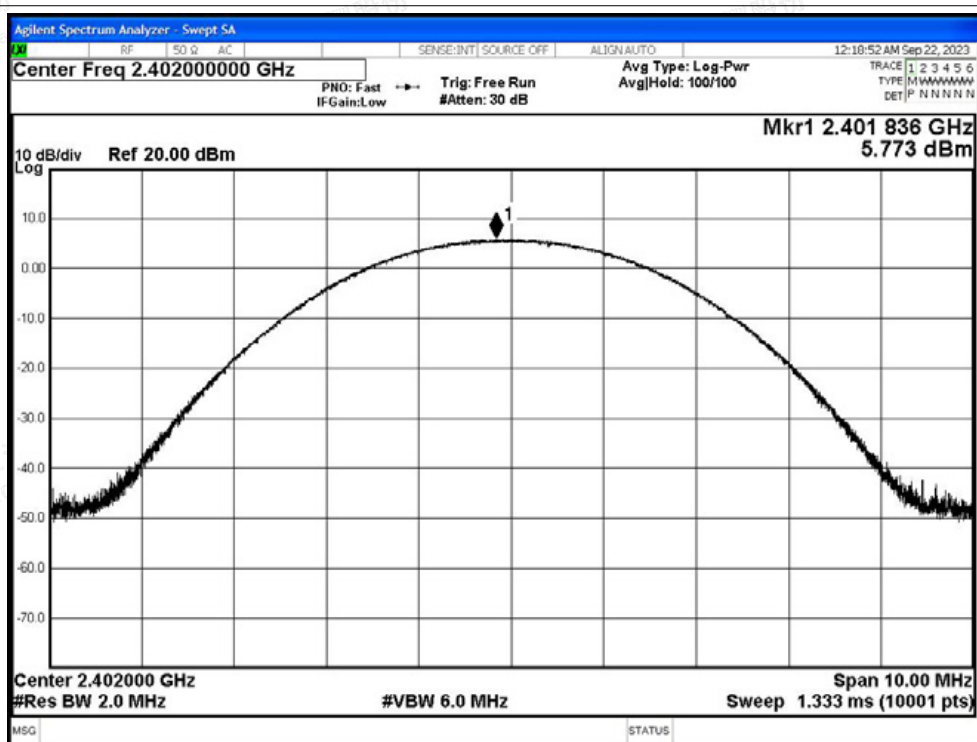




Power NVNT 1-DH5 2480MHz Ant1

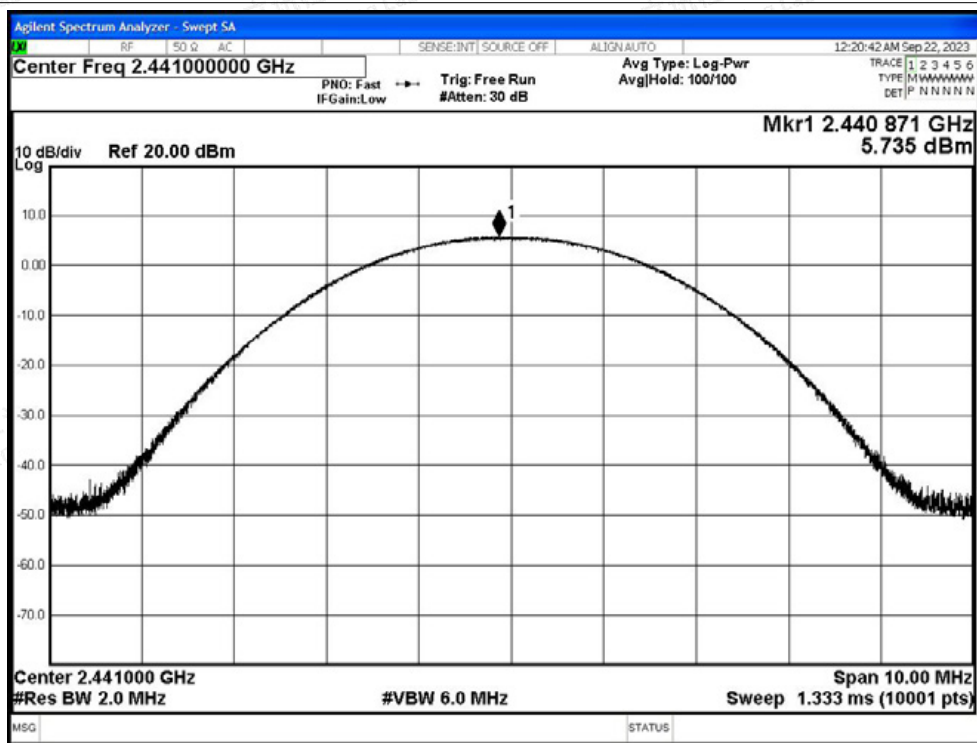


Power NVNT 2-DH5 2402MHz Ant1

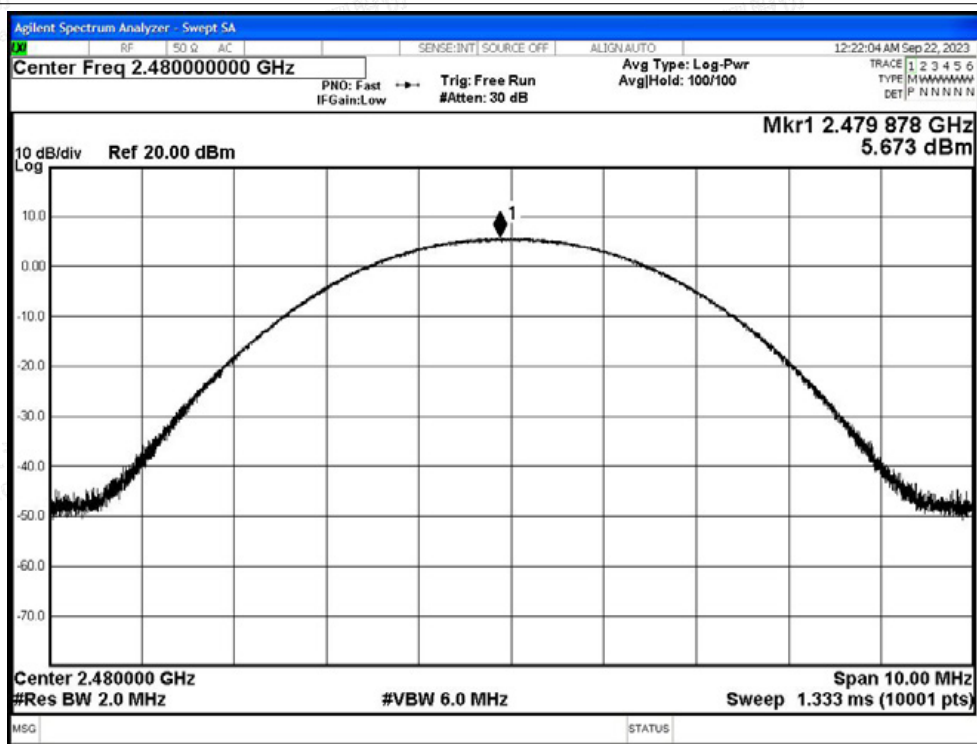




Power NVNT 2-DH5 2441MHz Ant1

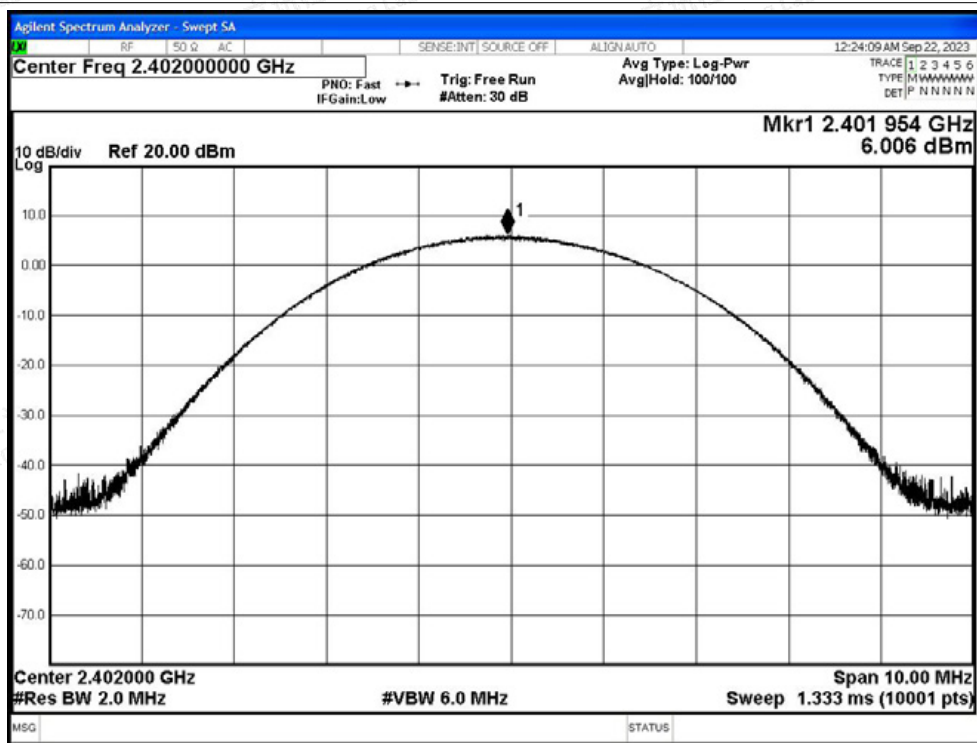


Power NVNT 2-DH5 2480MHz Ant1

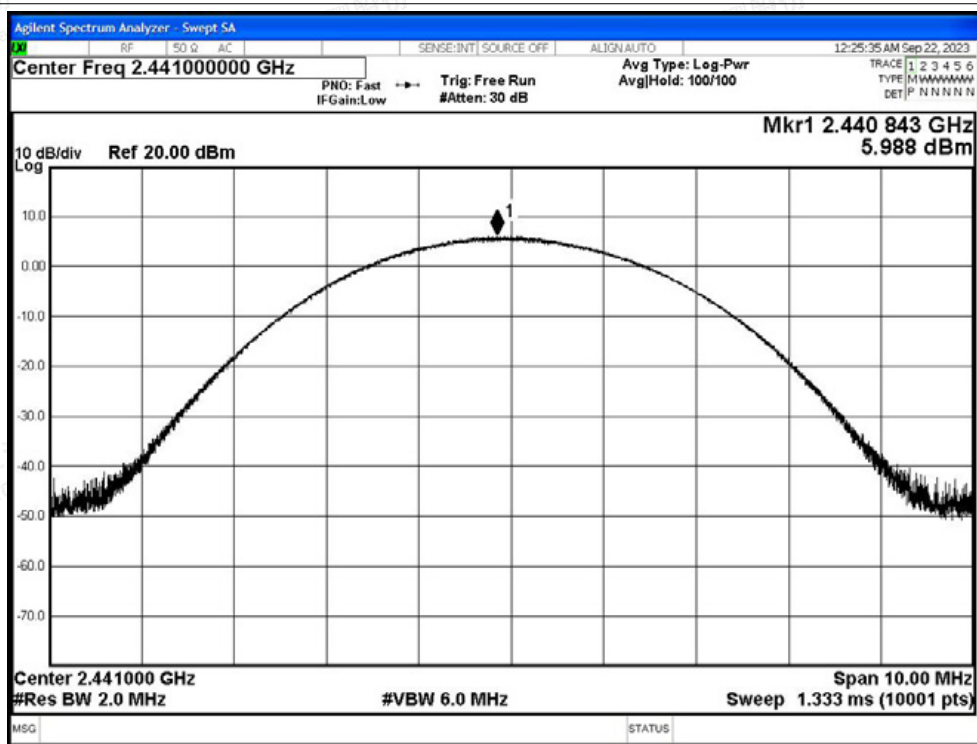




Power NVNT 3-DH5 2402MHz Ant1

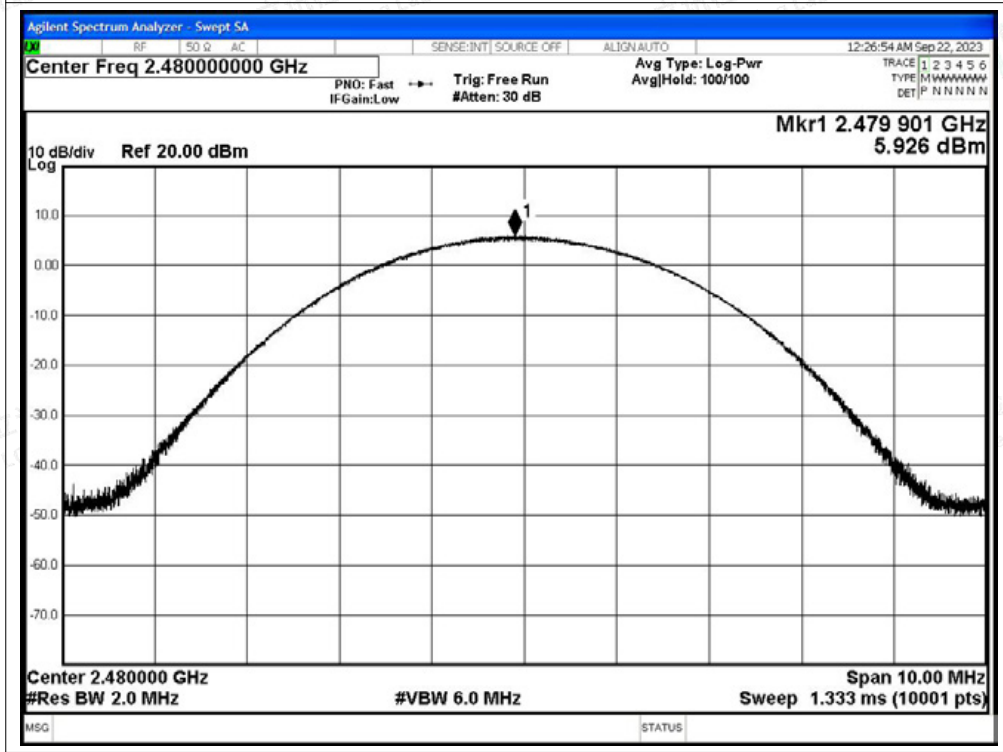


Power NVNT 3-DH5 2441MHz Ant1





Power NVNT 3-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	2402.154	2402.94	0.786	0.687	Pass
NVNT	2-DH5	Ant1	2401.812	2402.832	1.02	0.895	Pass
NVNT	3-DH5	Ant1	2401.812	2402.934	1.122	0.858	Pass



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Scan code to check authenticity



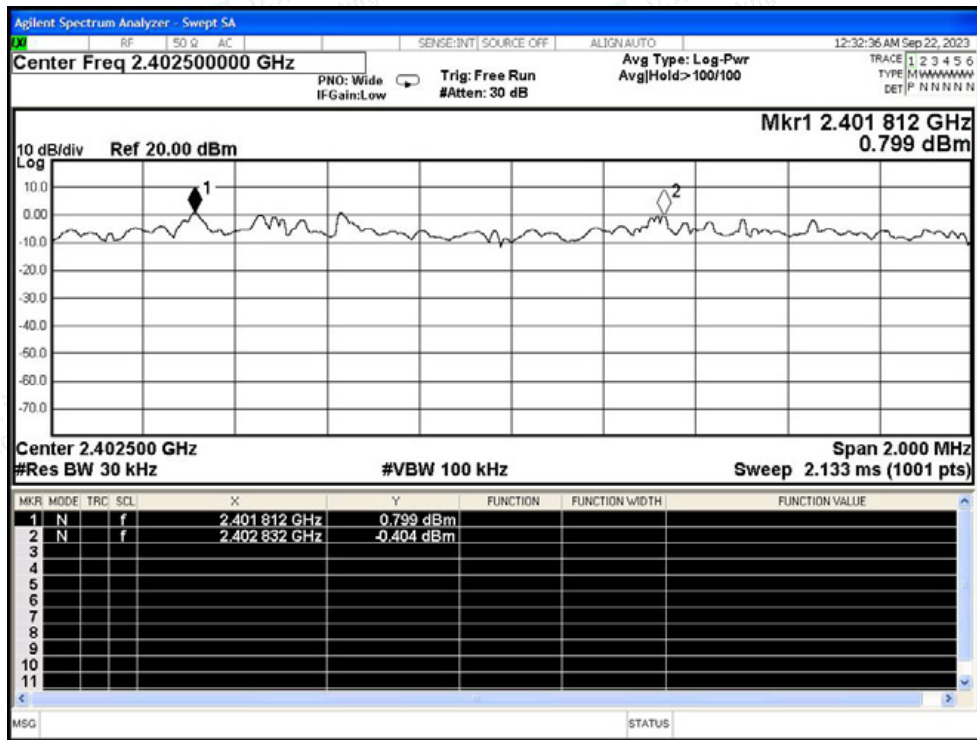


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

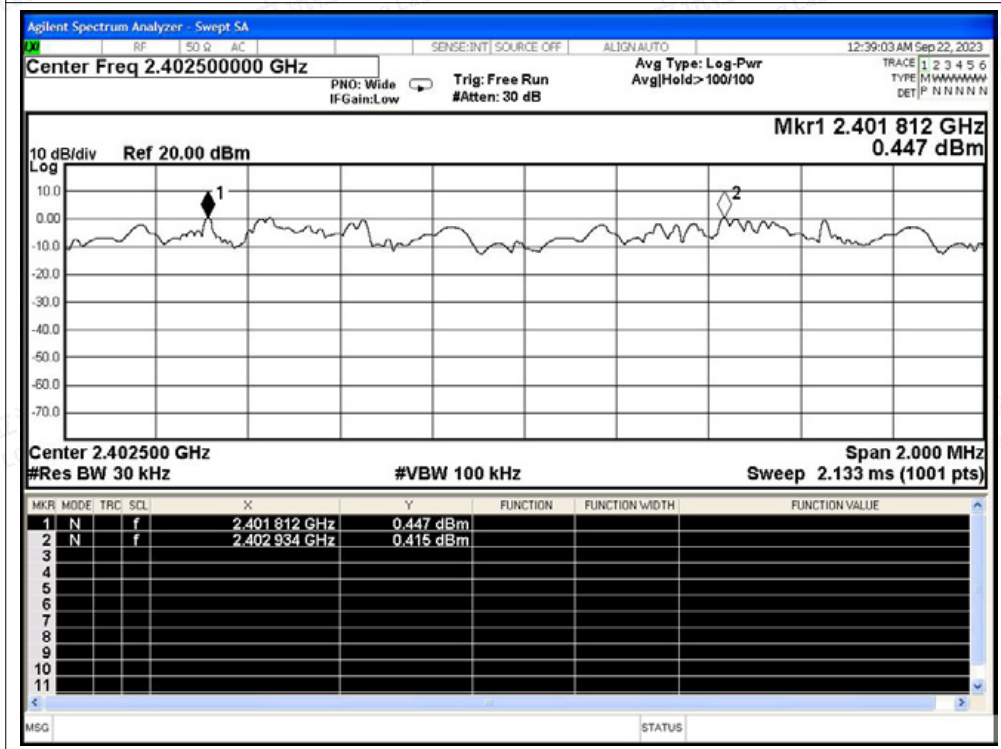


CFS NVNT 2-DH5 2402MHz Ant1





CFS NVNT 3-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	2.887	285.813	99	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.892	297.876	103	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.894	335.704	116	31600	400	Pass

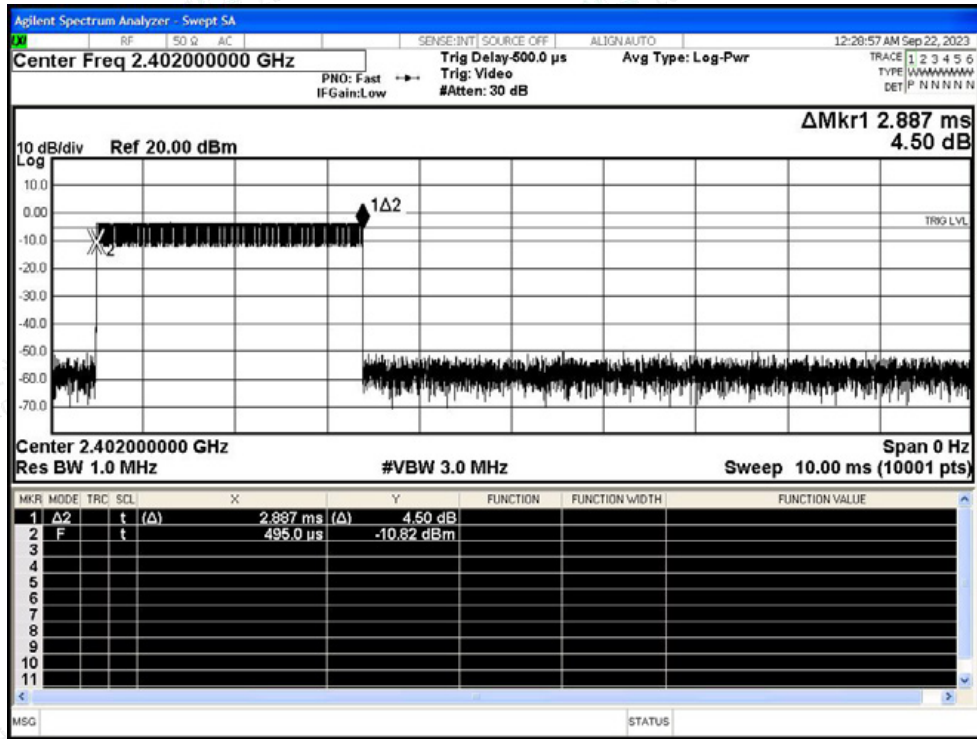


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Scan code to check authenticity

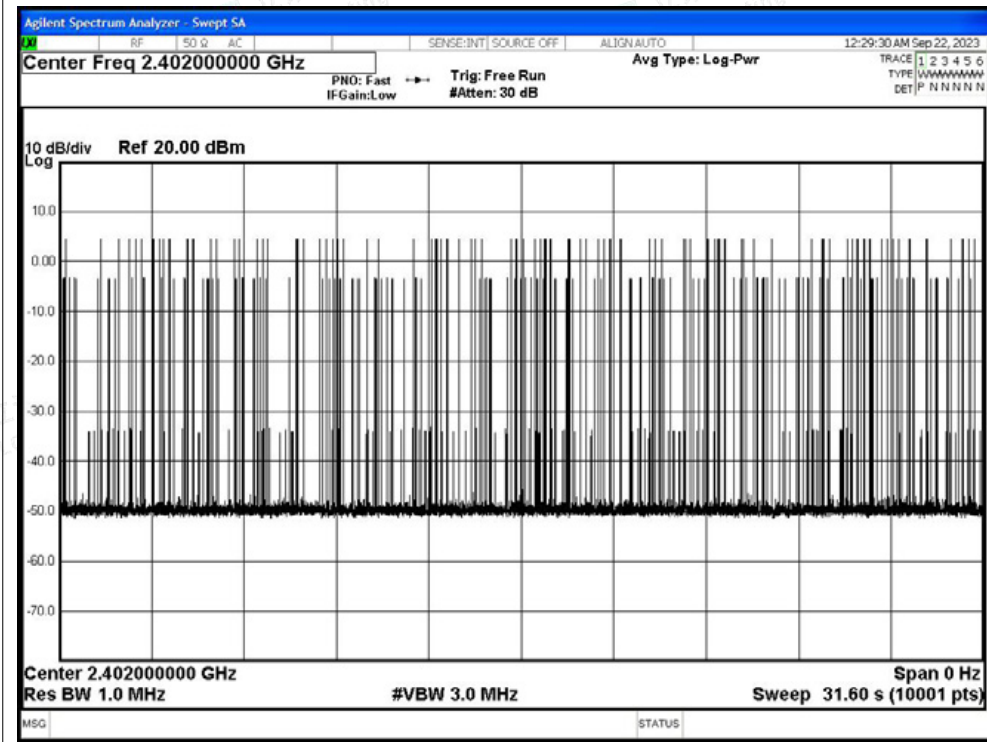


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

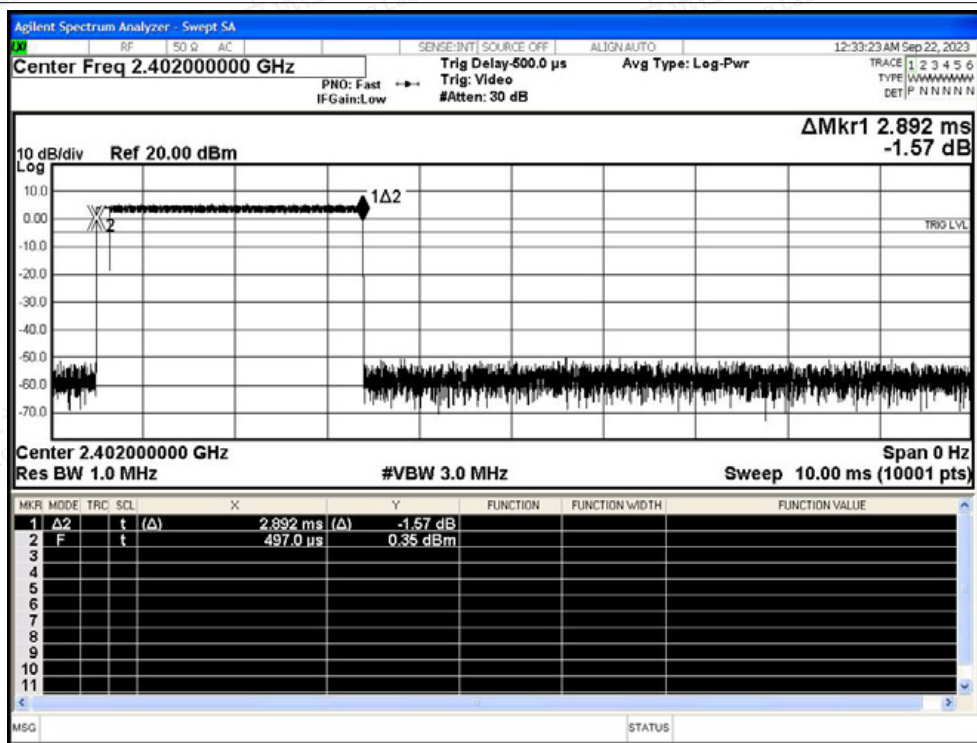


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

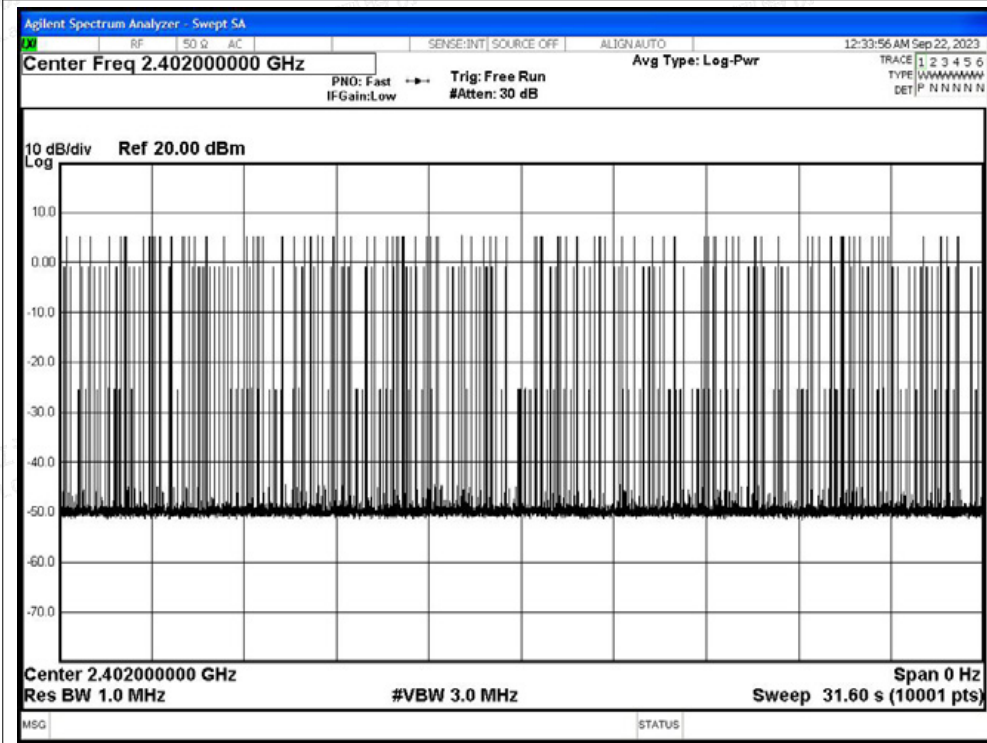




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



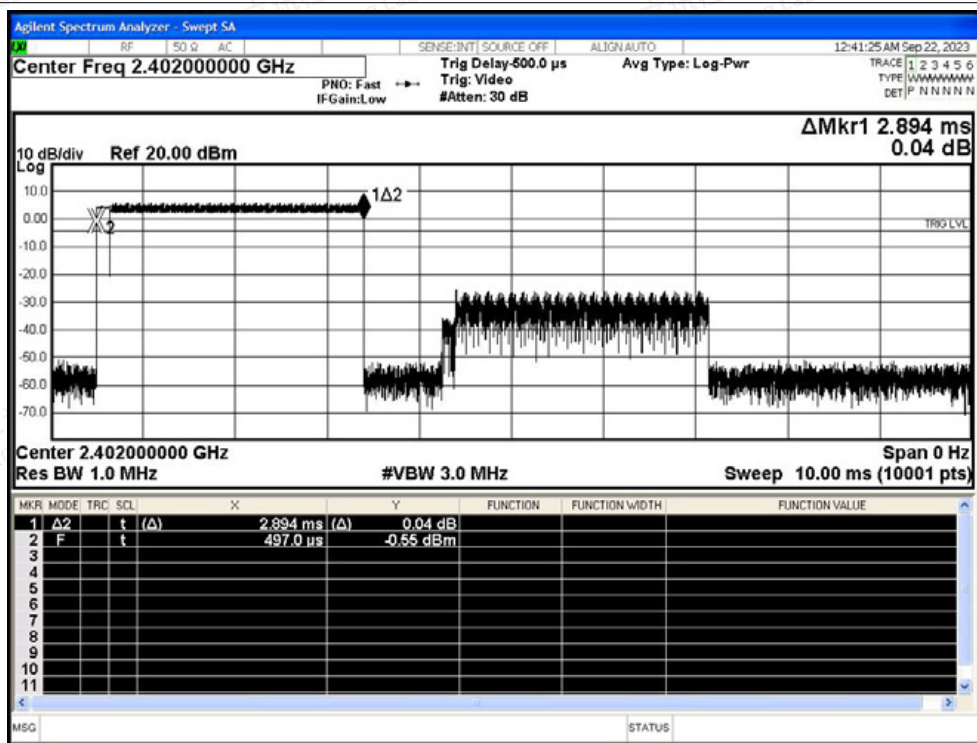
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



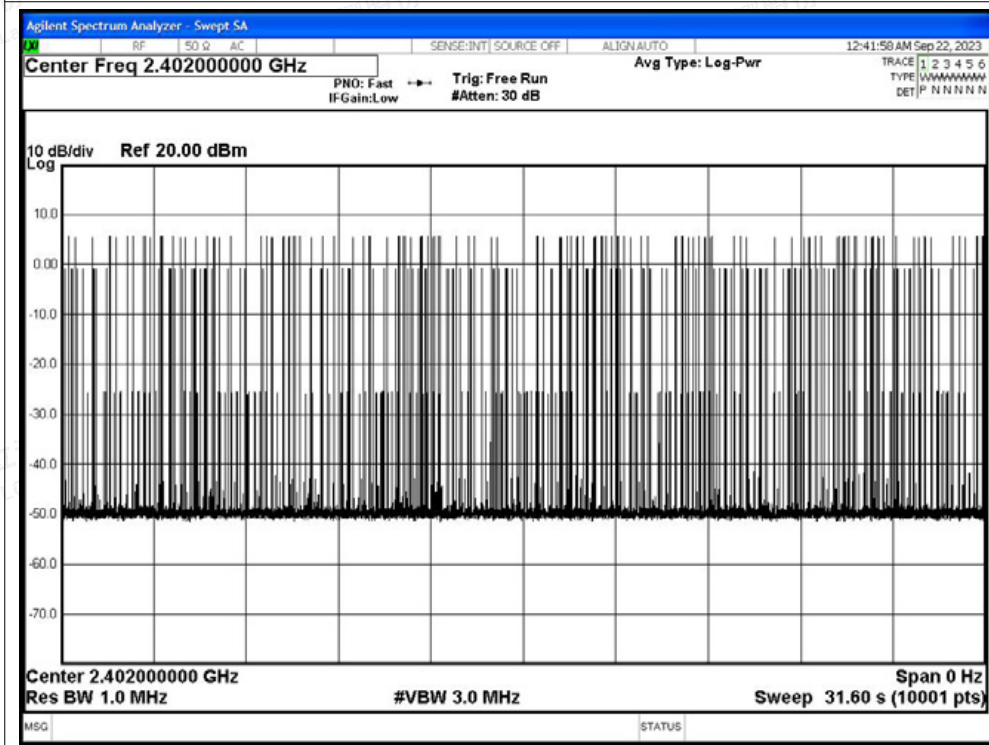




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated







## A.5 Number of Hopping Channel

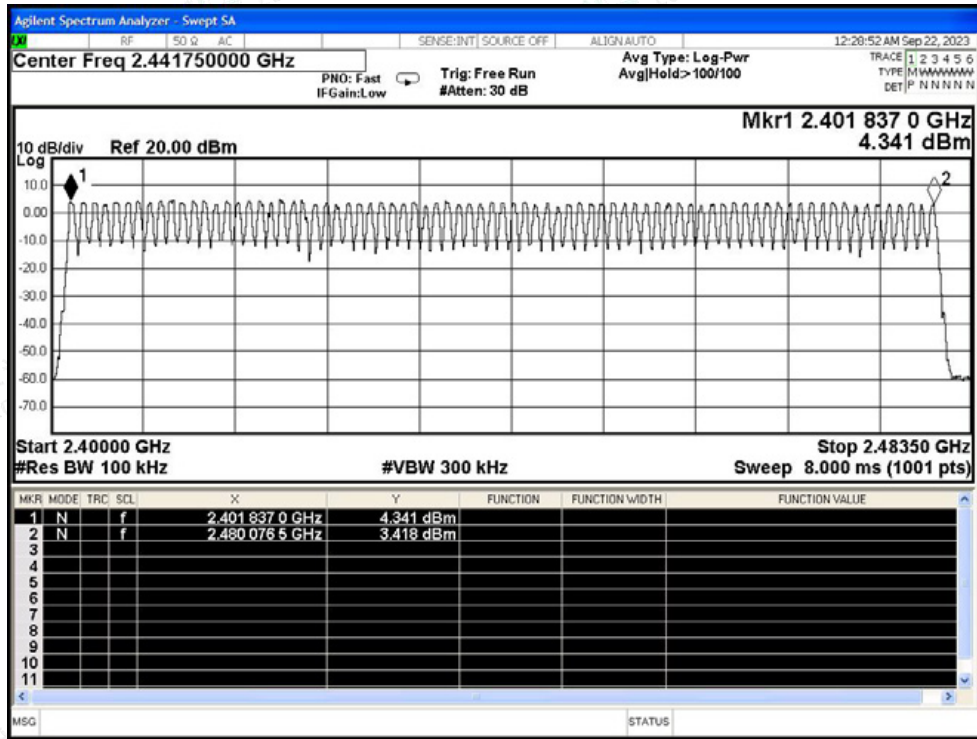
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



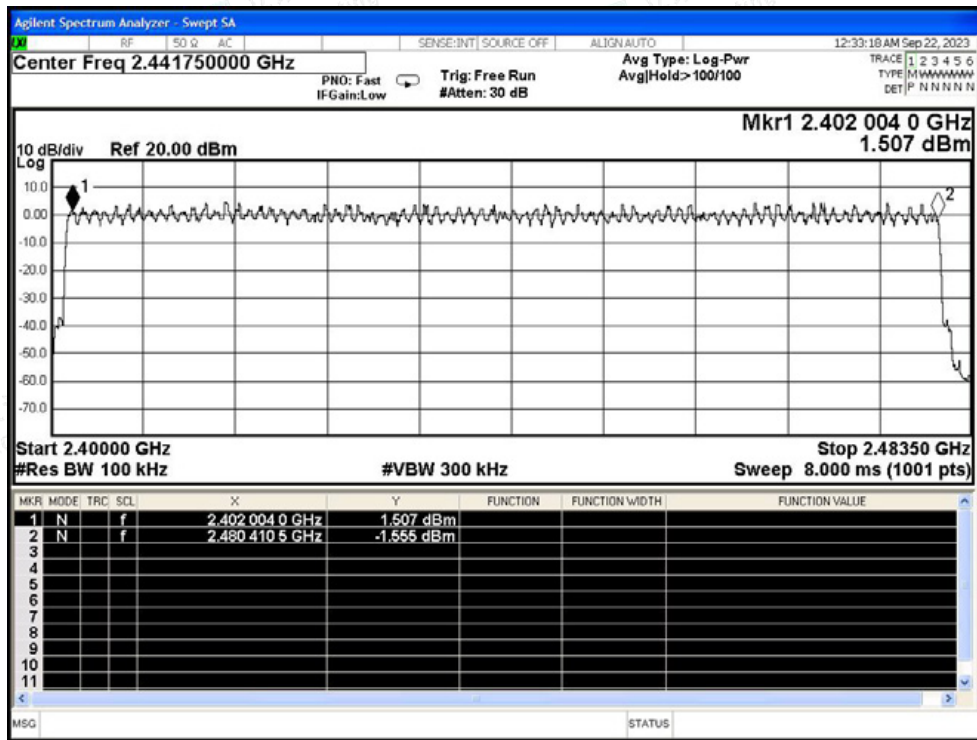


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

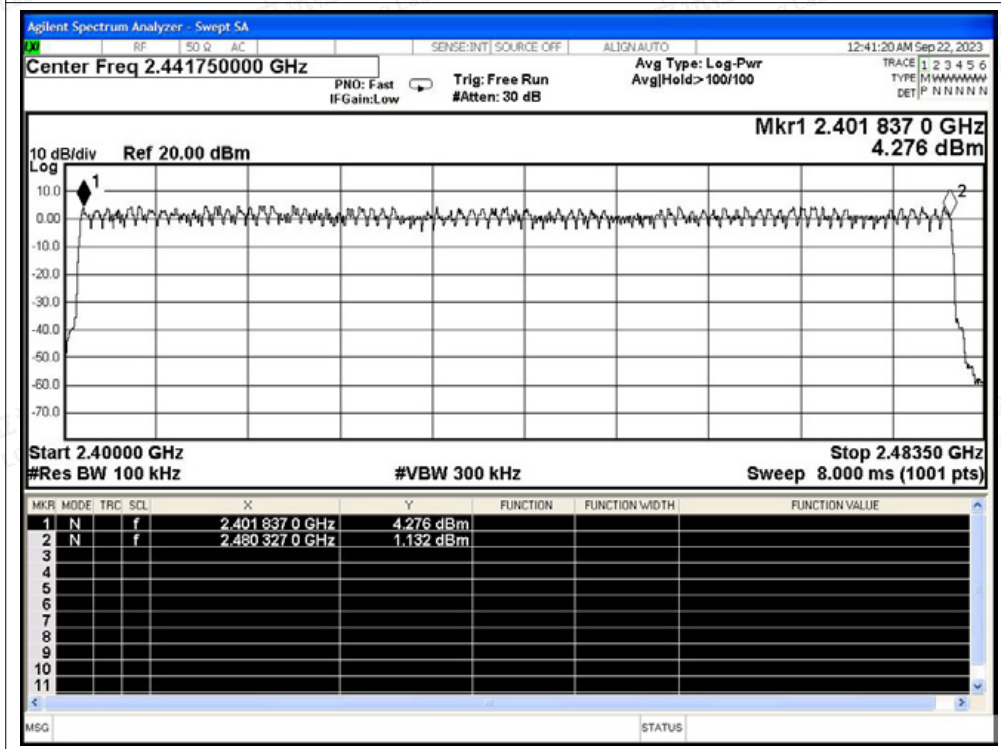


Hopping No. NVNT 2-DH5 2402MHz Ant1





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	-61.66	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-60.92	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-53.97	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-58.5	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-52.08	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-59.81	-20	Pass

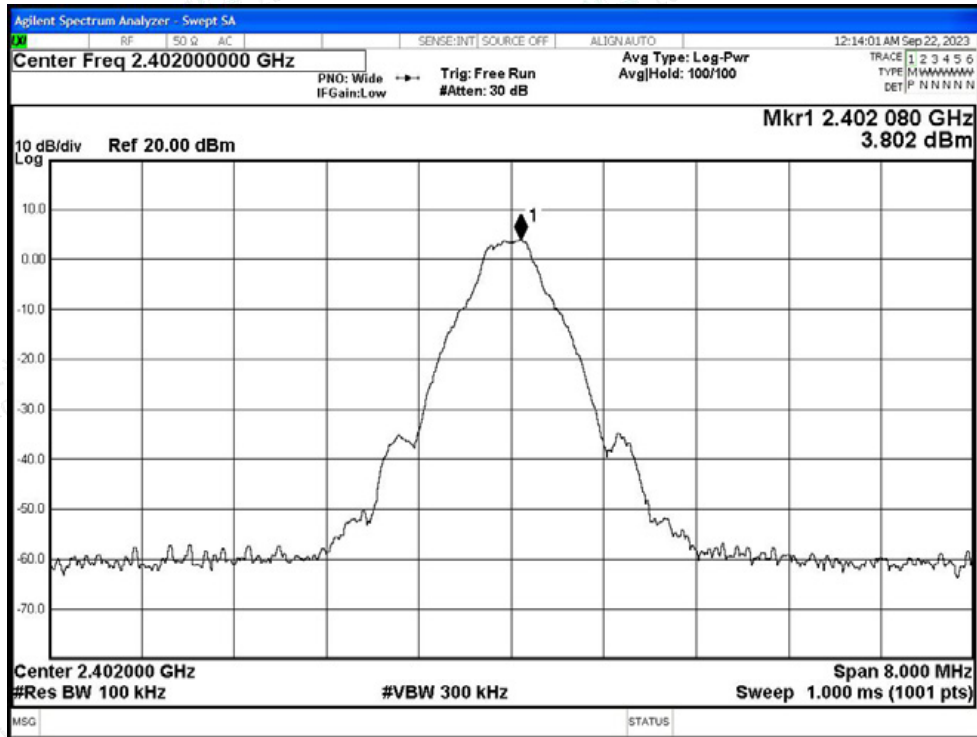


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Scan code to check authenticity

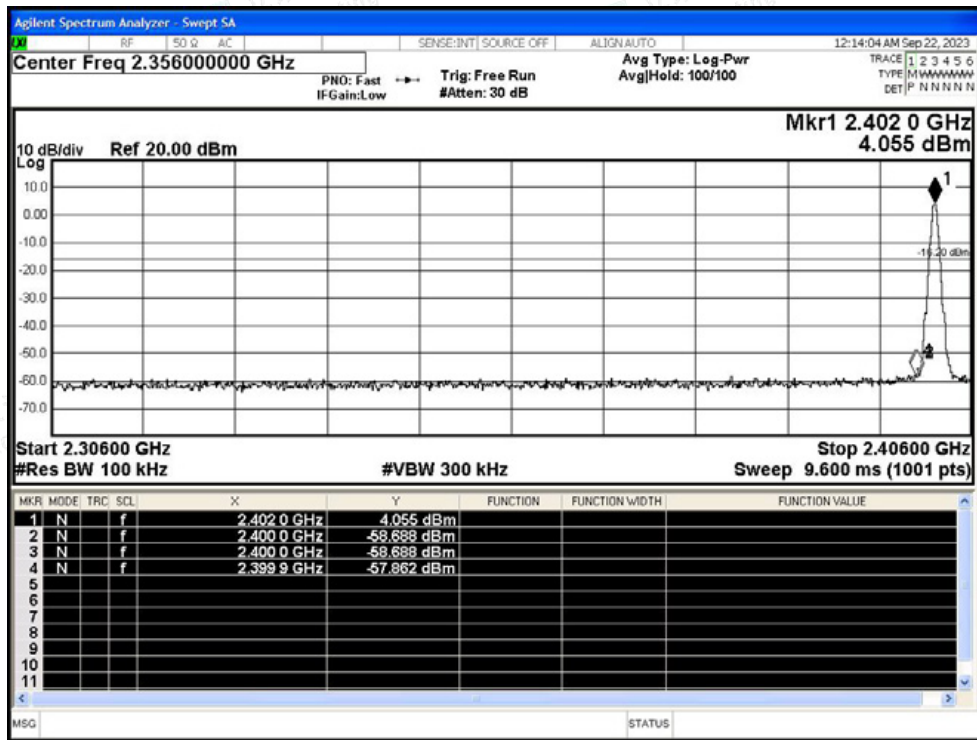


Test Graphs

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

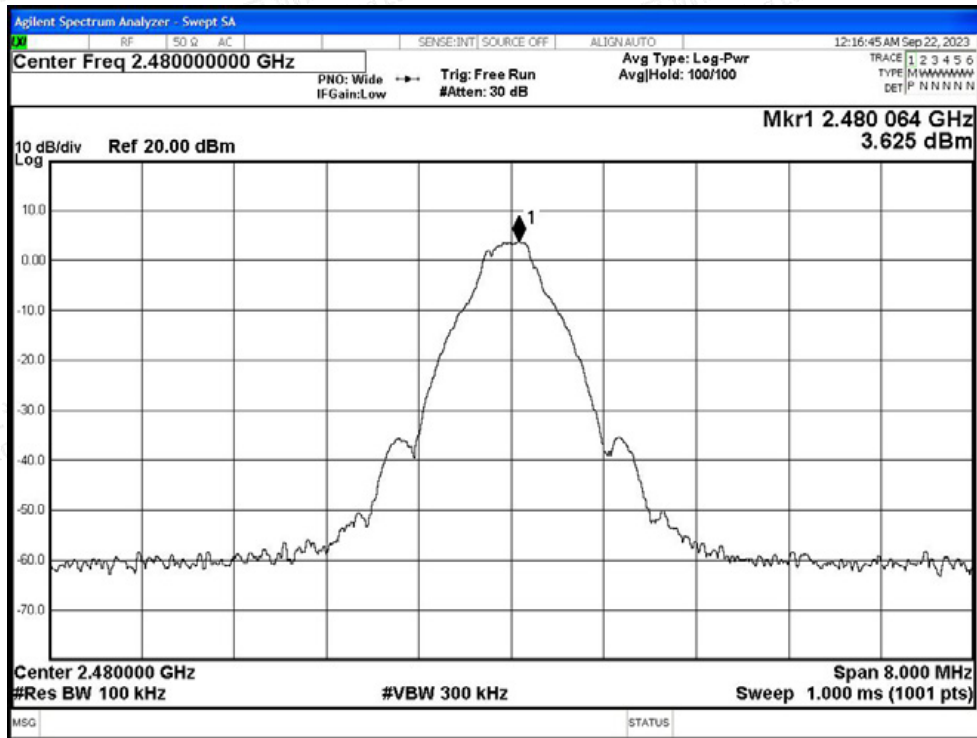


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

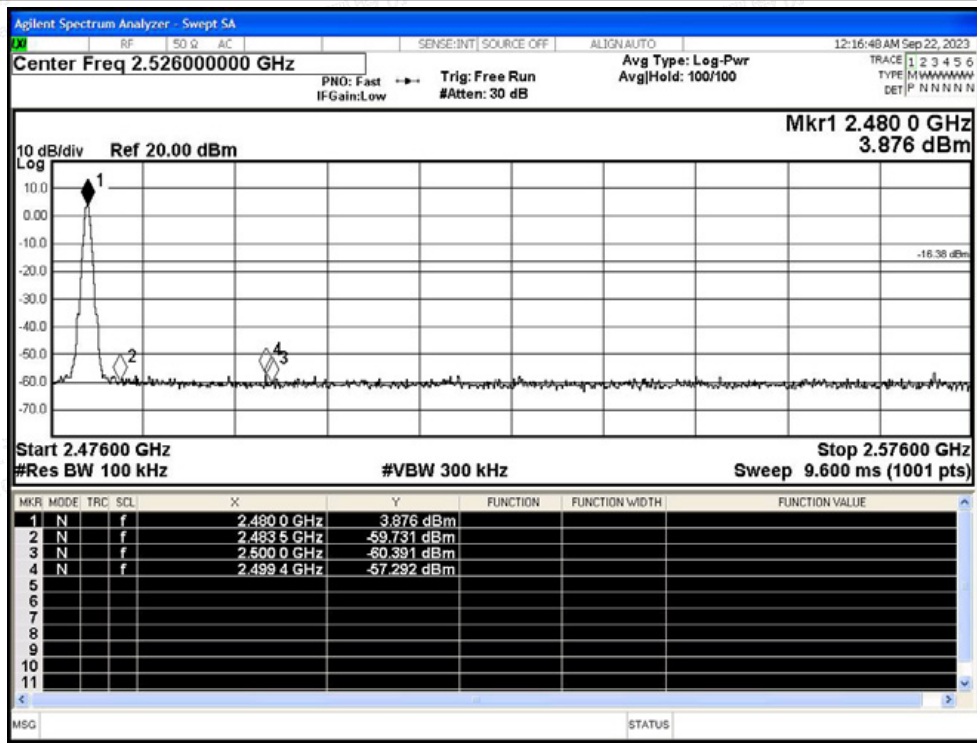




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



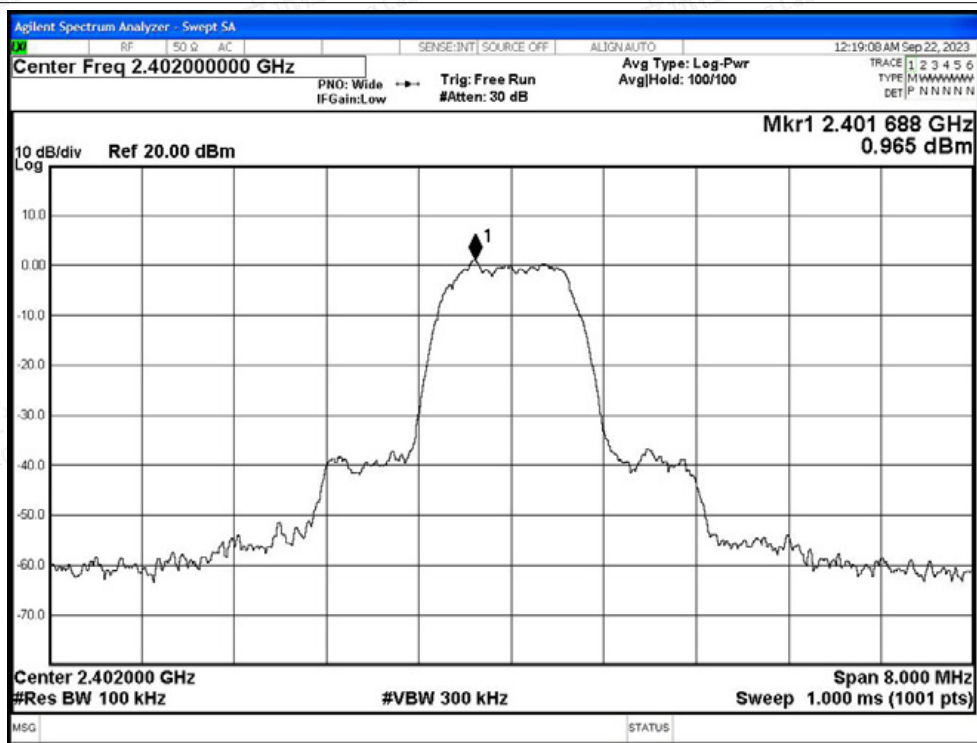
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



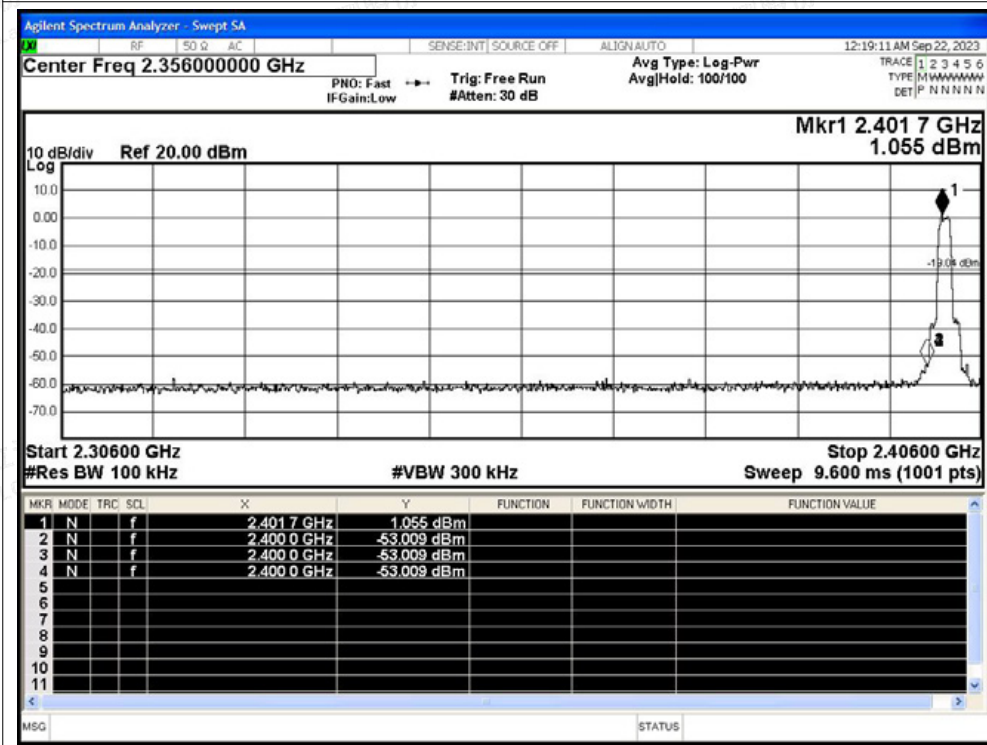




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

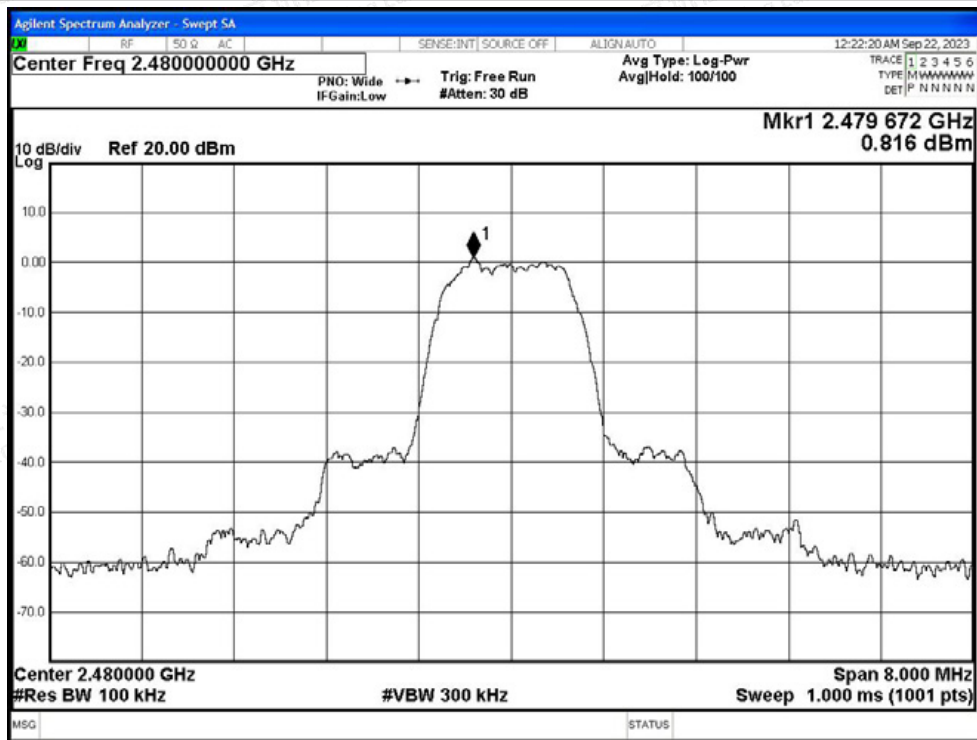


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

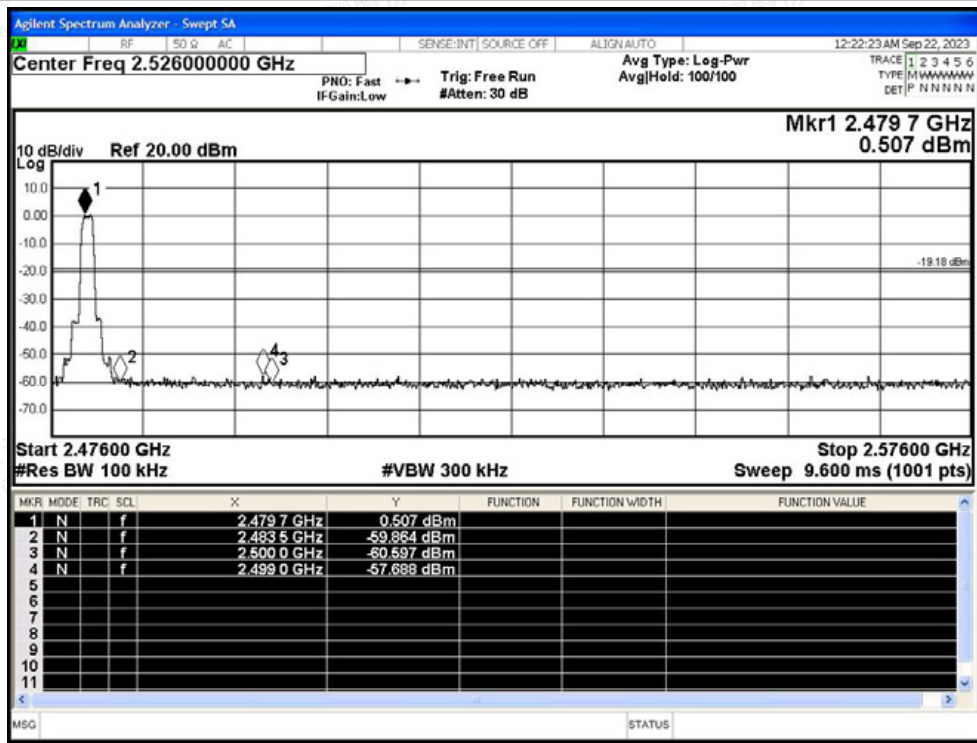




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

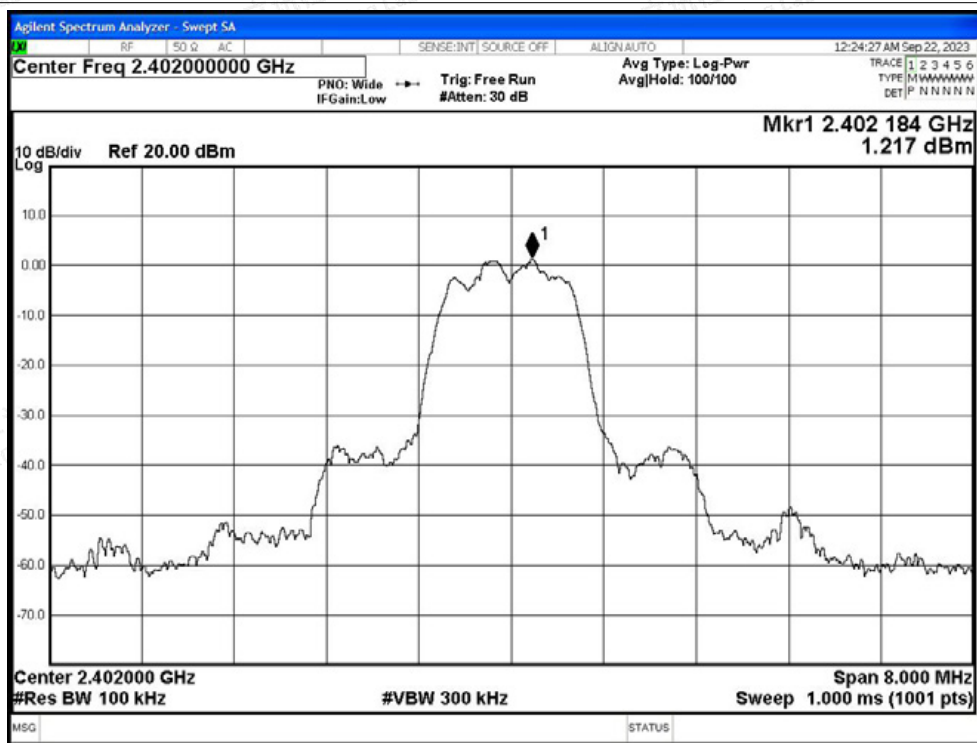


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

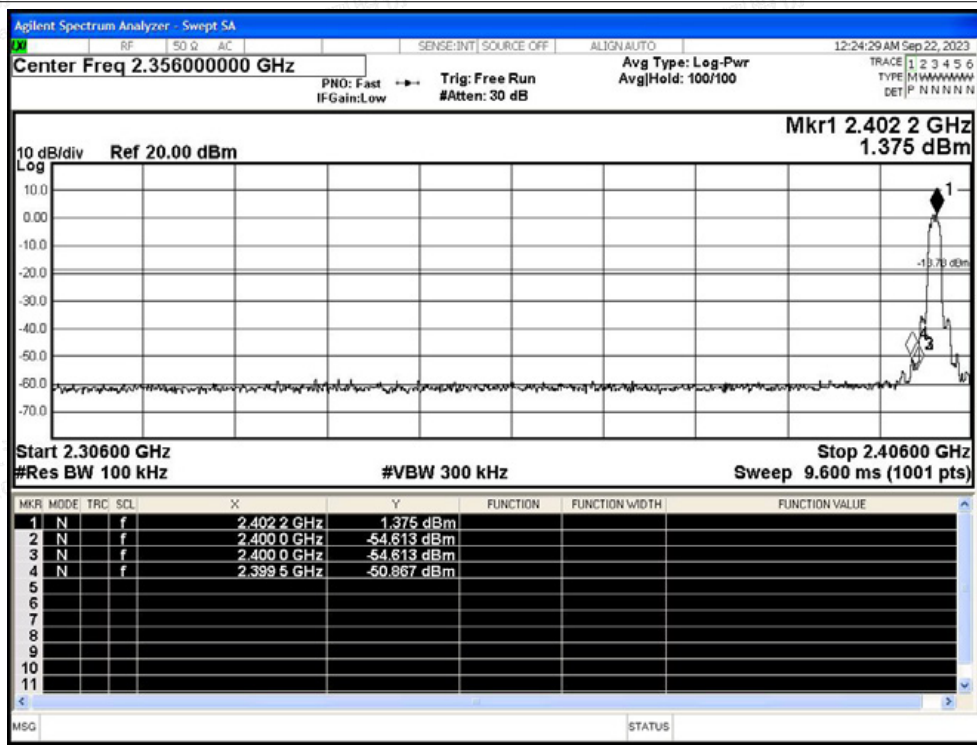




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

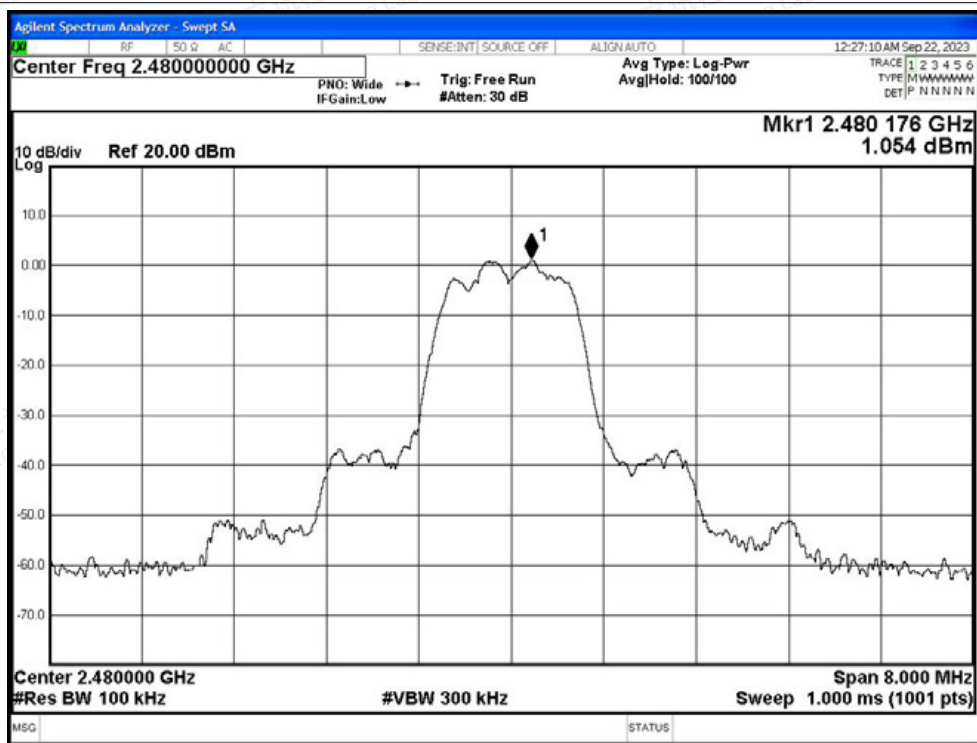


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

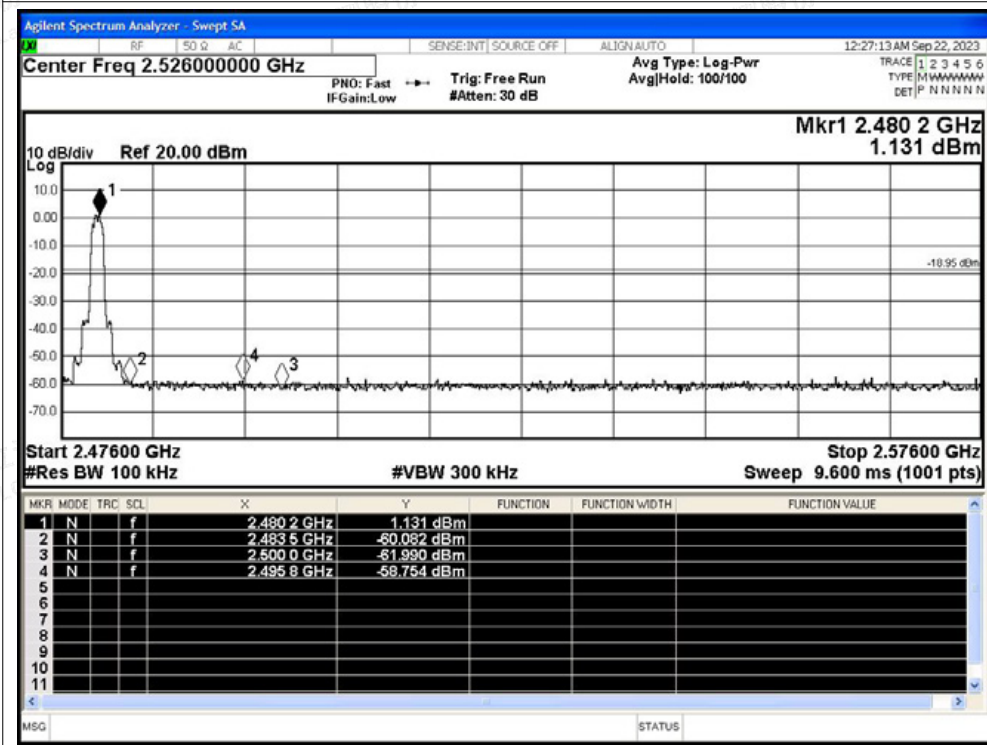




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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	-60.61	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-59.94	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-61.44	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-60.25	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-62.13	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-59.04	-20	Pass



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