



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Wireless headphone

Test Model: LS-HX28

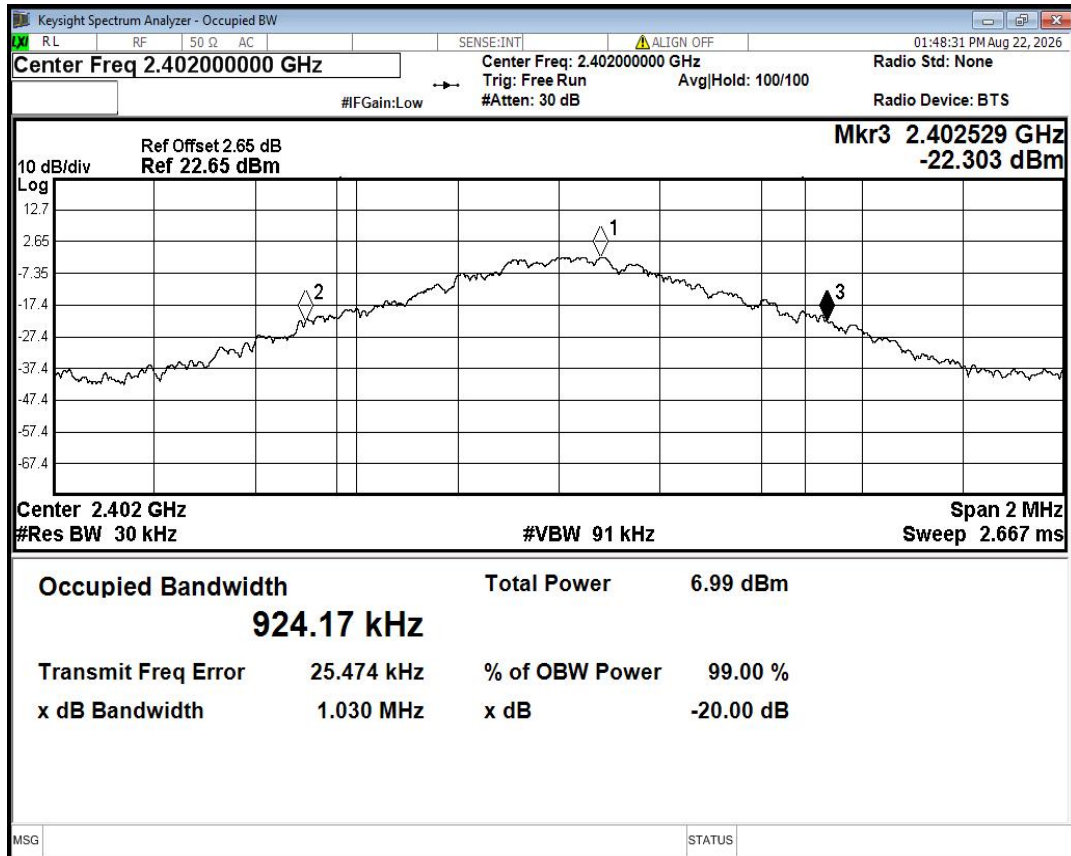
Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun

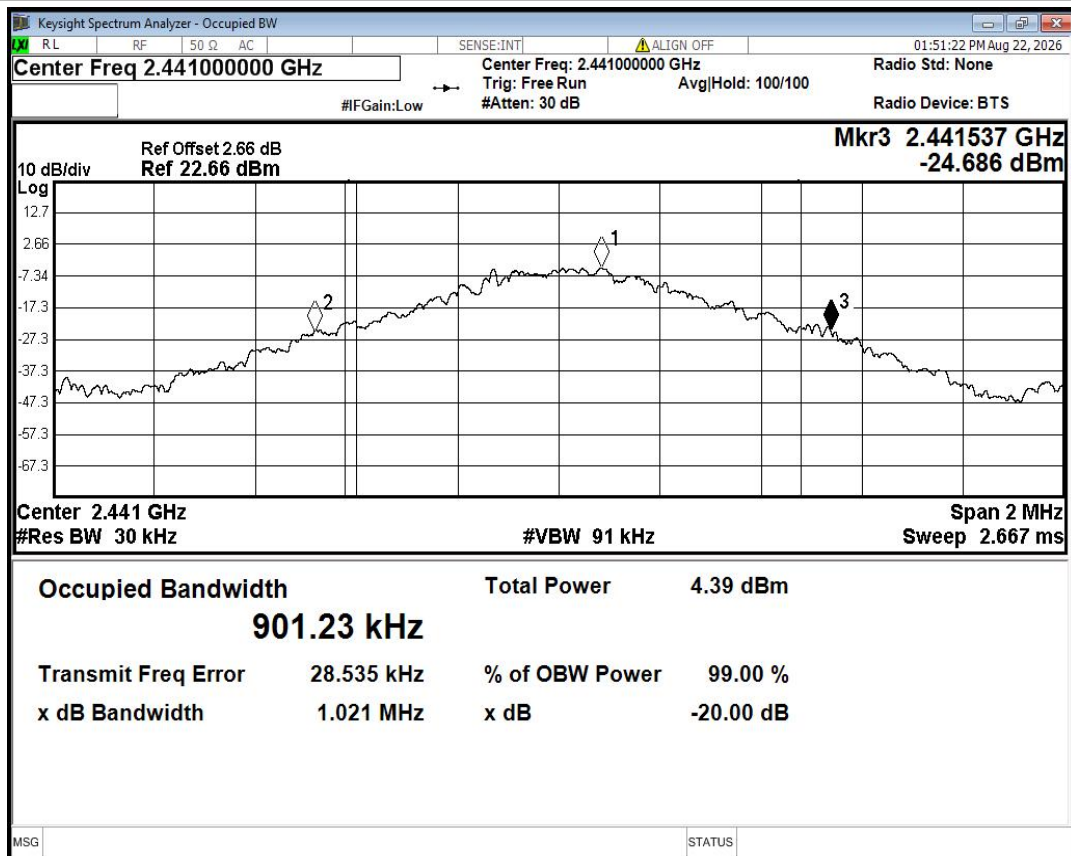


A.1 -20dB Bandwidth

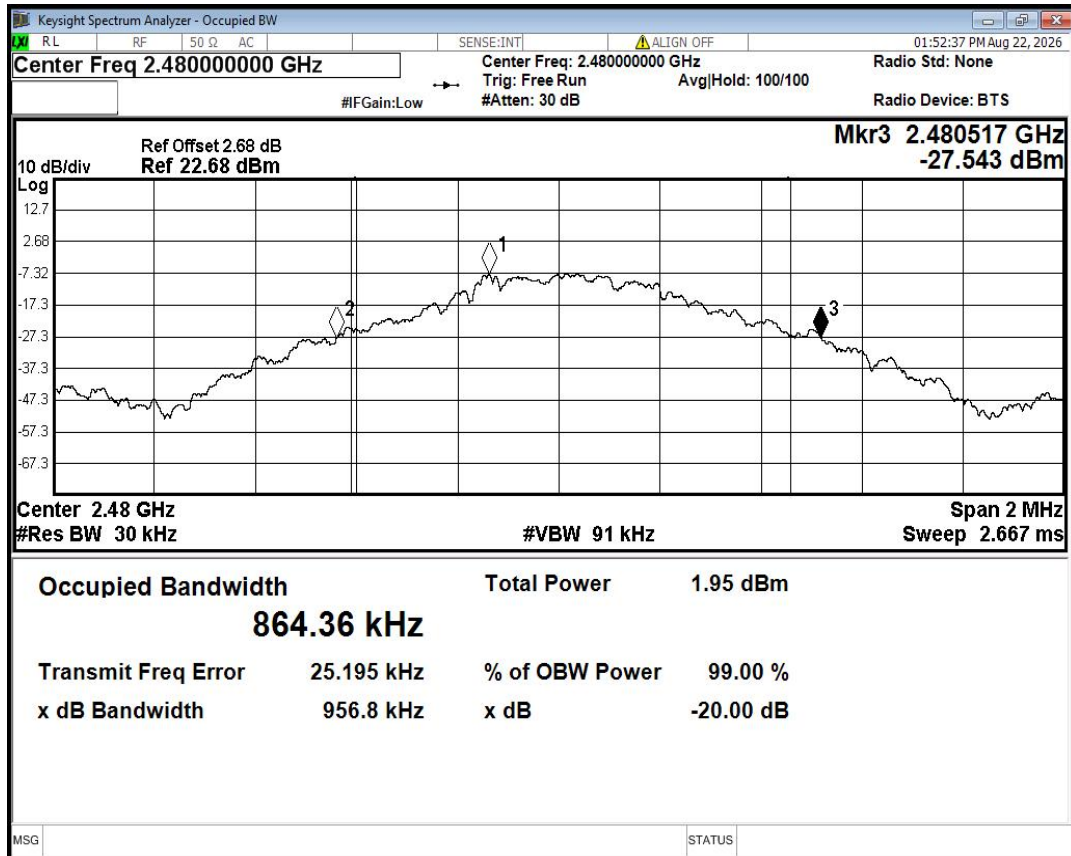
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.03	No Limit	Pass
NVNT	1-DH5	2441	Ant1	1.021	No Limit	Pass
NVNT	1-DH5	2480	Ant1	0.9568	No Limit	Pass
NVNT	2-DH5	2402	Ant1	1.361	No Limit	Pass
NVNT	2-DH5	2441	Ant1	1.368	No Limit	Pass
NVNT	2-DH5	2480	Ant1	1.342	No Limit	Pass
NVNT	3-DH5	2402	Ant1	1.311	No Limit	Pass
NVNT	3-DH5	2441	Ant1	1.324	No Limit	Pass
NVNT	3-DH5	2480	Ant1	1.326	No Limit	Pass



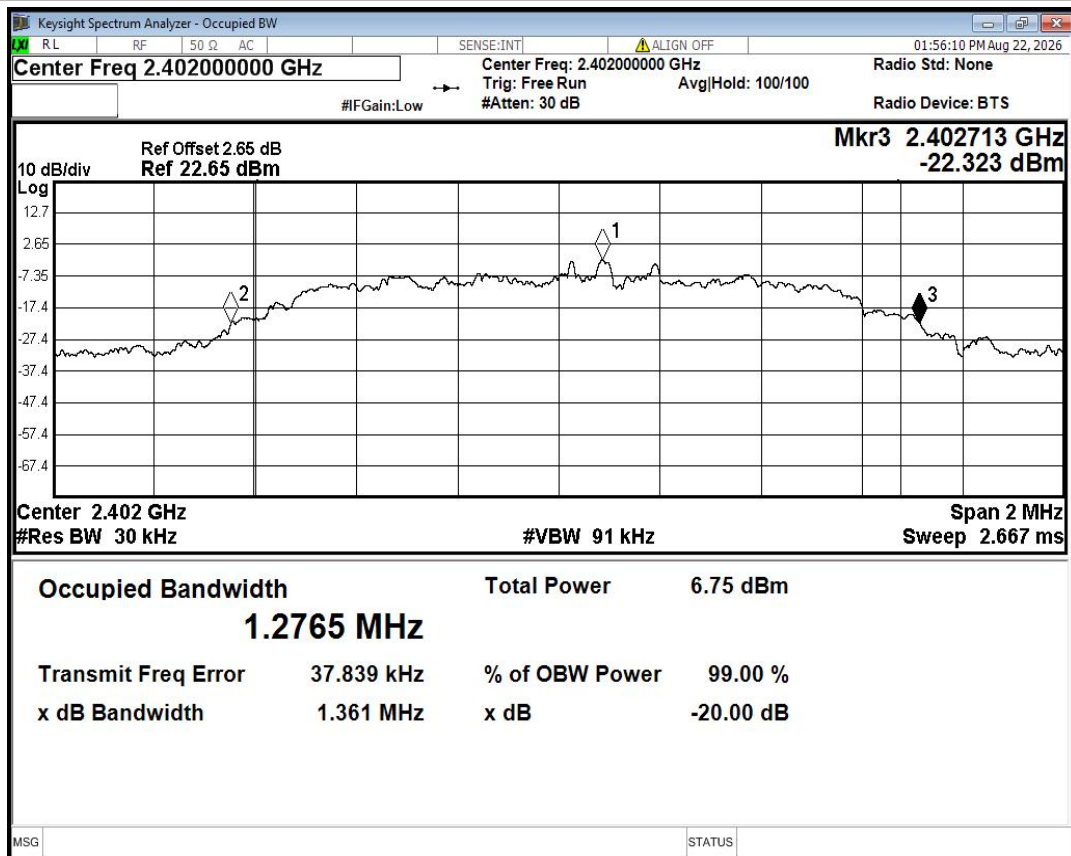
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



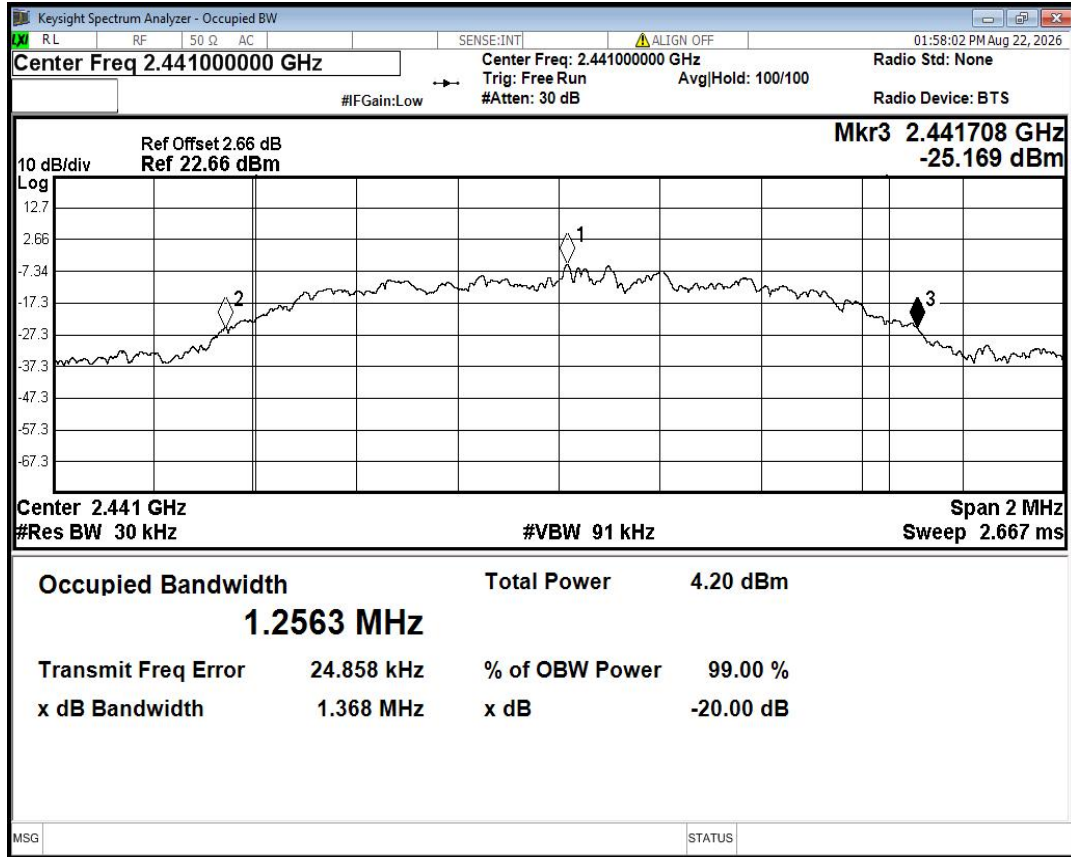
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



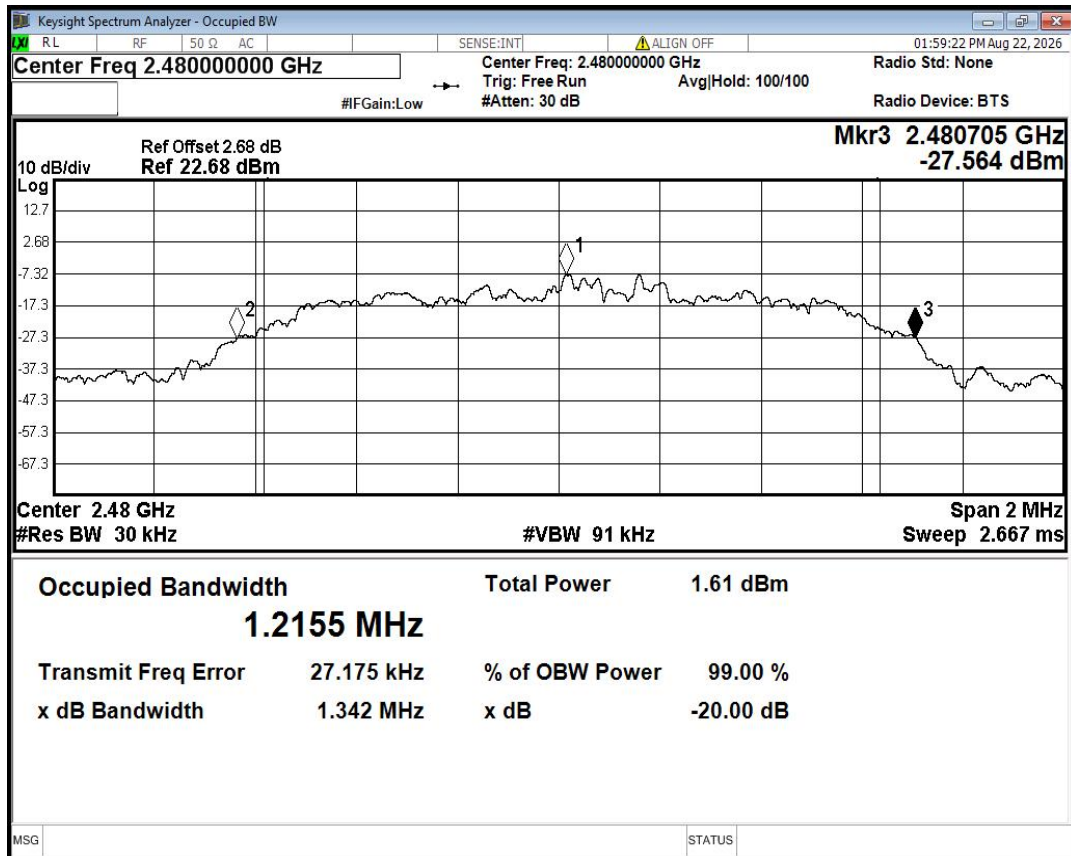
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



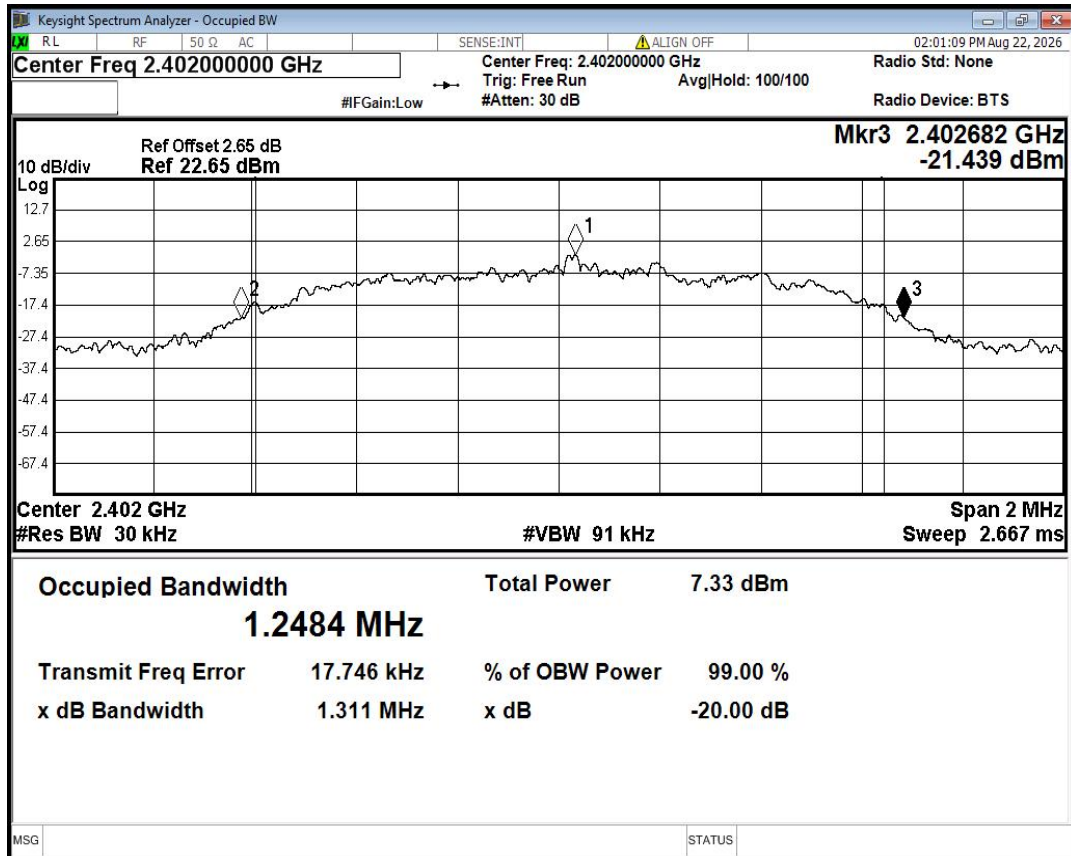
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



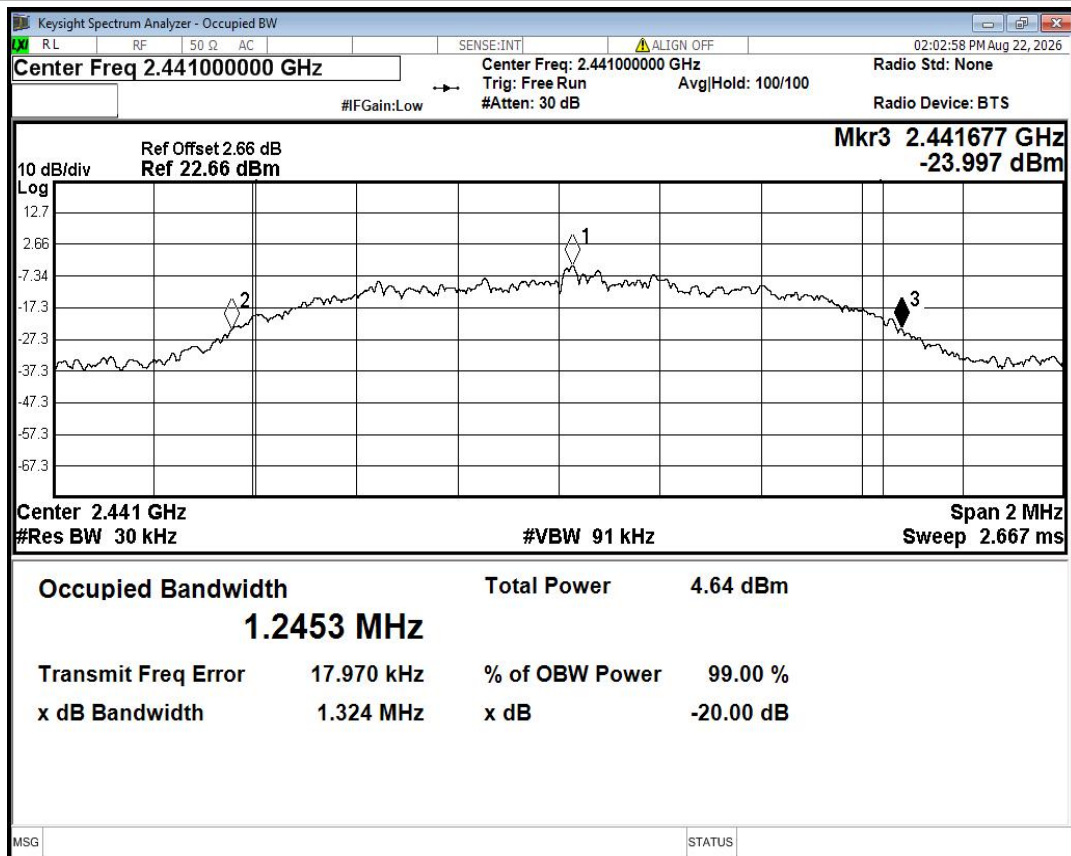
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



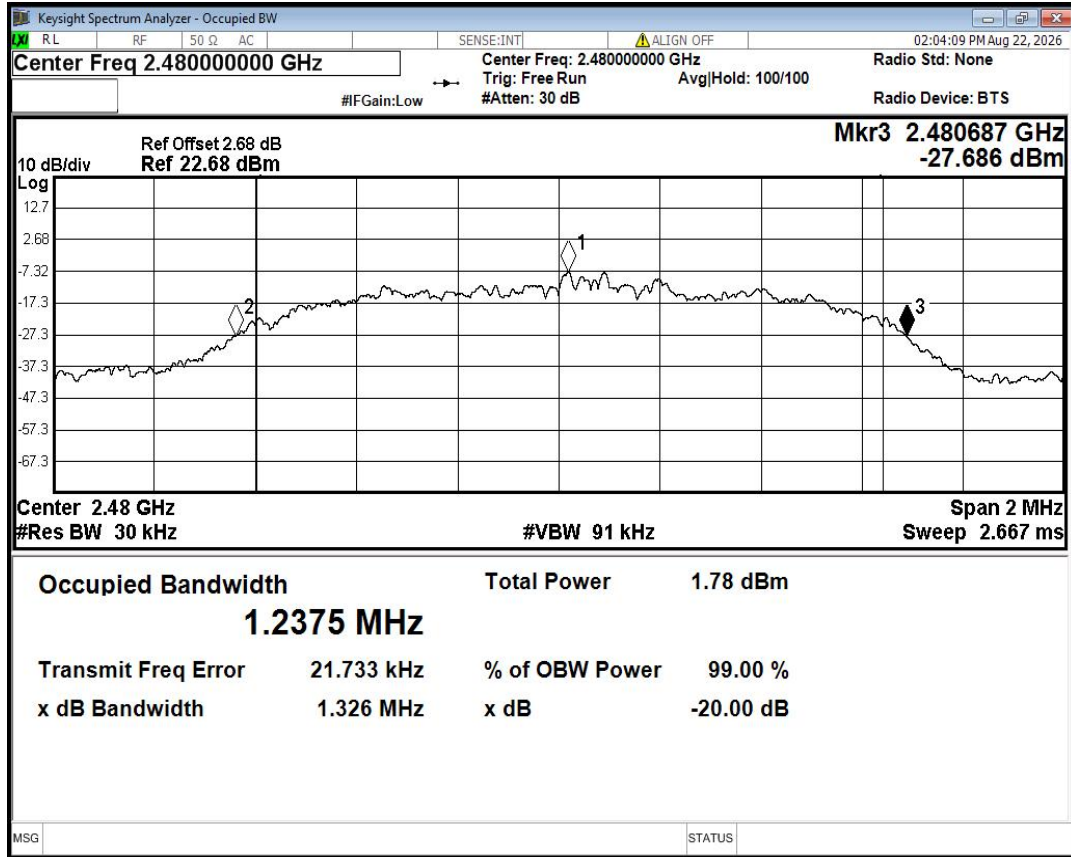
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

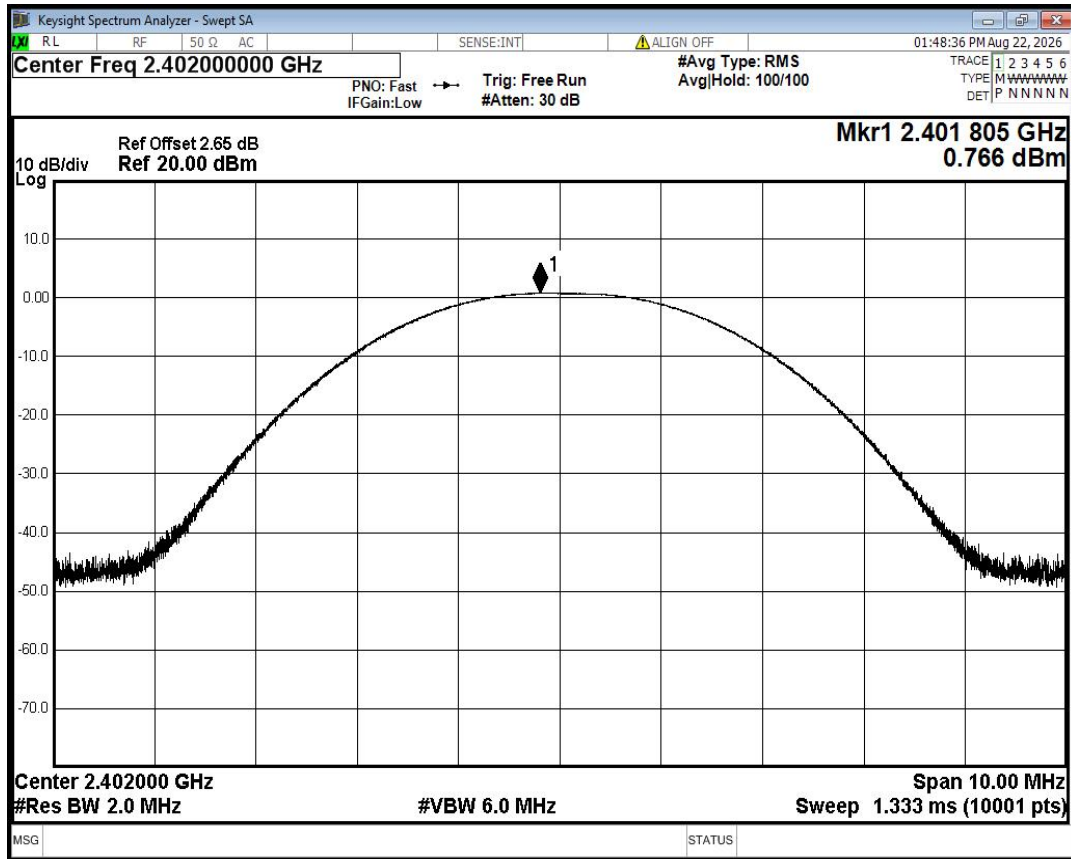


-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

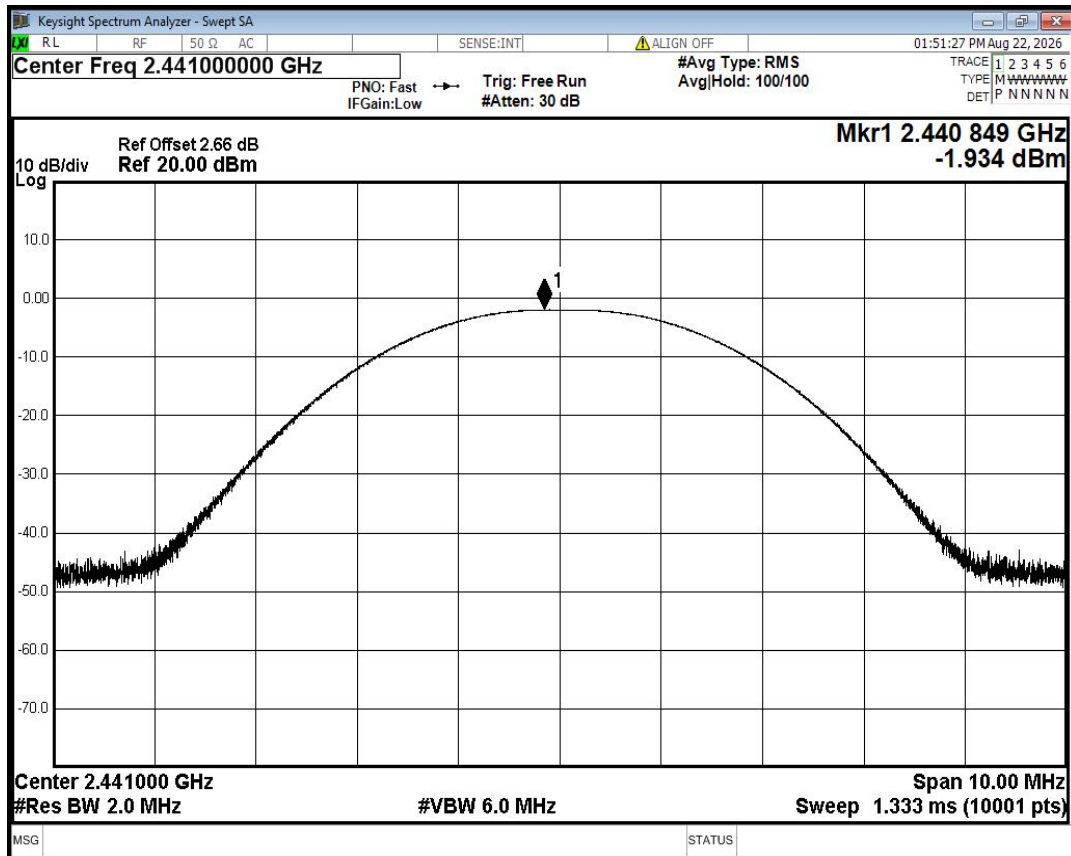


A.2 Maximum Peak Conducted Output Power

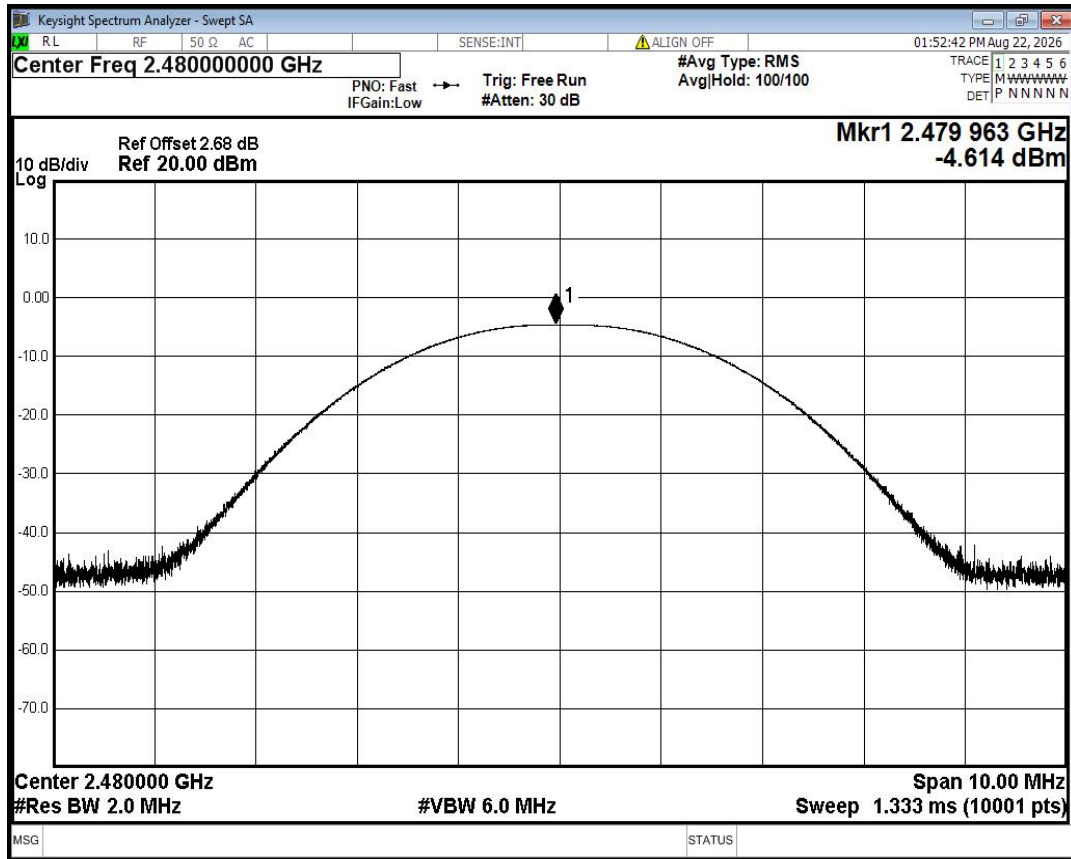
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.77	30	Pass
NVNT	1-DH5	2441	Ant1	-1.93	30	Pass
NVNT	1-DH5	2480	Ant1	-4.61	30	Pass
NVNT	2-DH5	2402	Ant1	1	30	Pass
NVNT	2-DH5	2441	Ant1	-1.68	30	Pass
NVNT	2-DH5	2480	Ant1	-4.38	30	Pass
NVNT	3-DH5	2402	Ant1	1.1	30	Pass
NVNT	3-DH5	2441	Ant1	-1.55	30	Pass
NVNT	3-DH5	2480	Ant1	-4.17	30	Pass



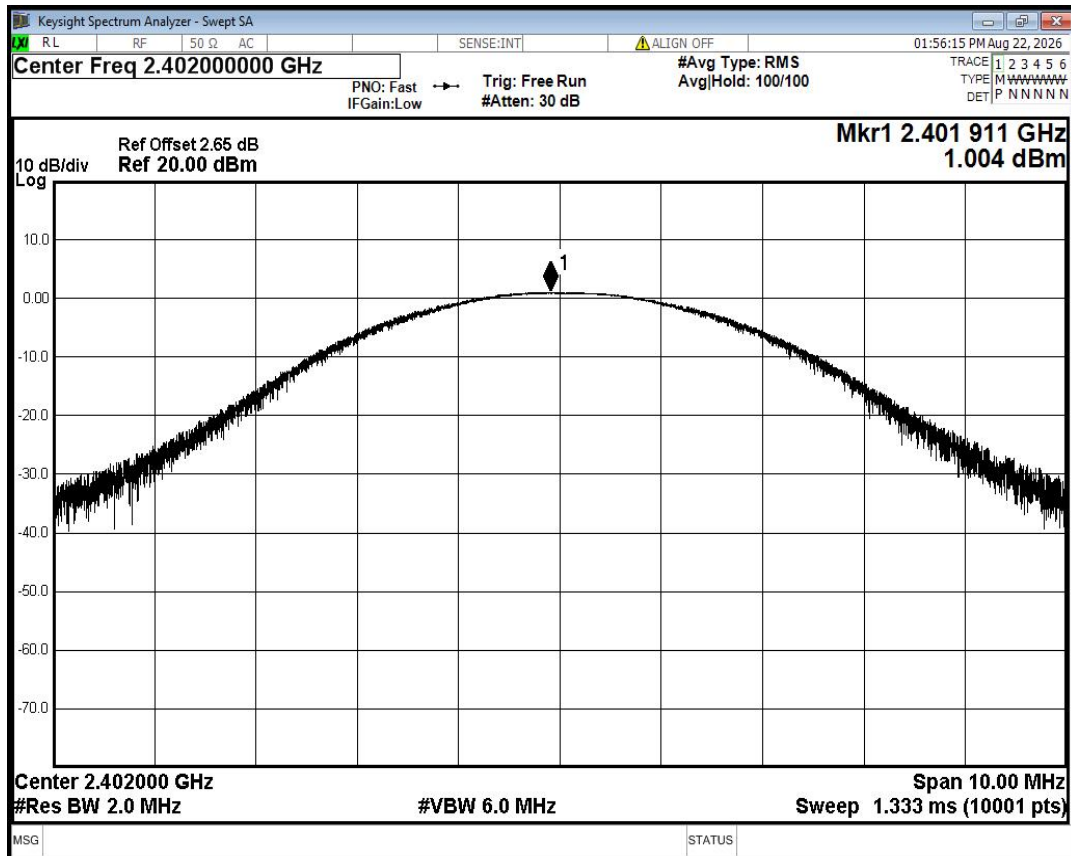
Peak Power NVNT 1-DH5 2402MHz Ant1



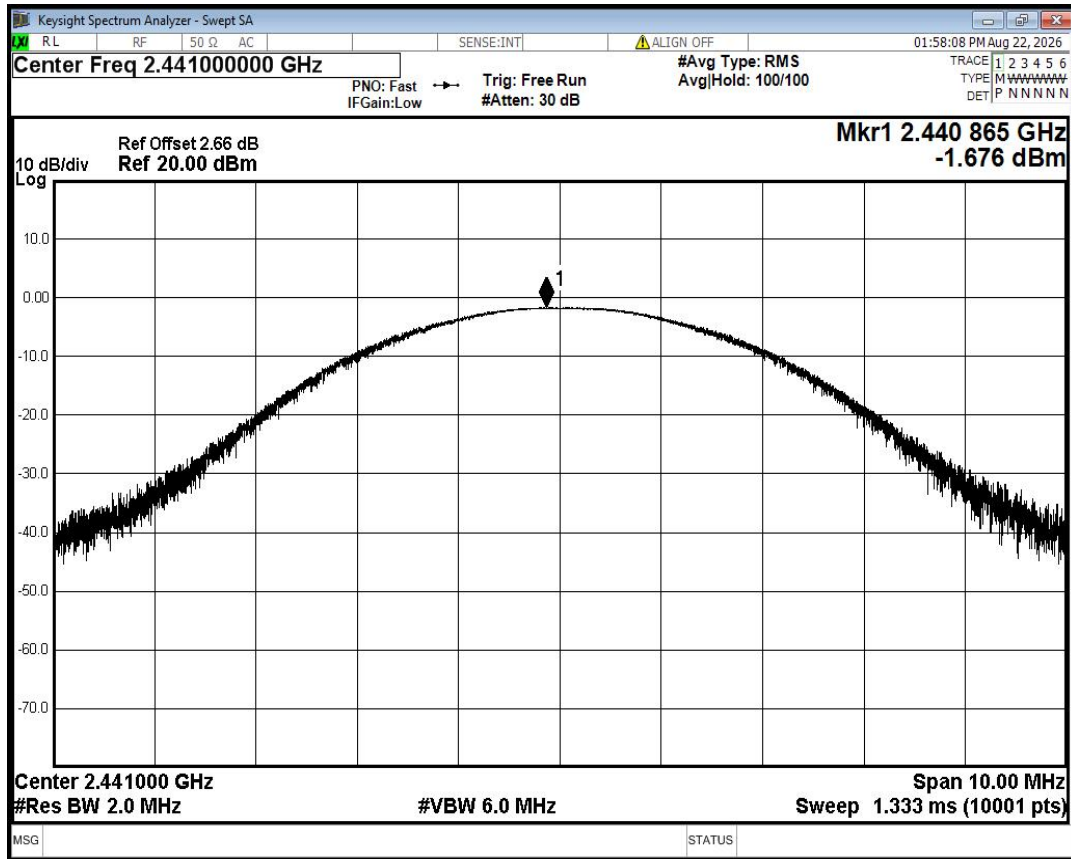
Peak Power NVNT 1-DH5 2441MHz Ant1



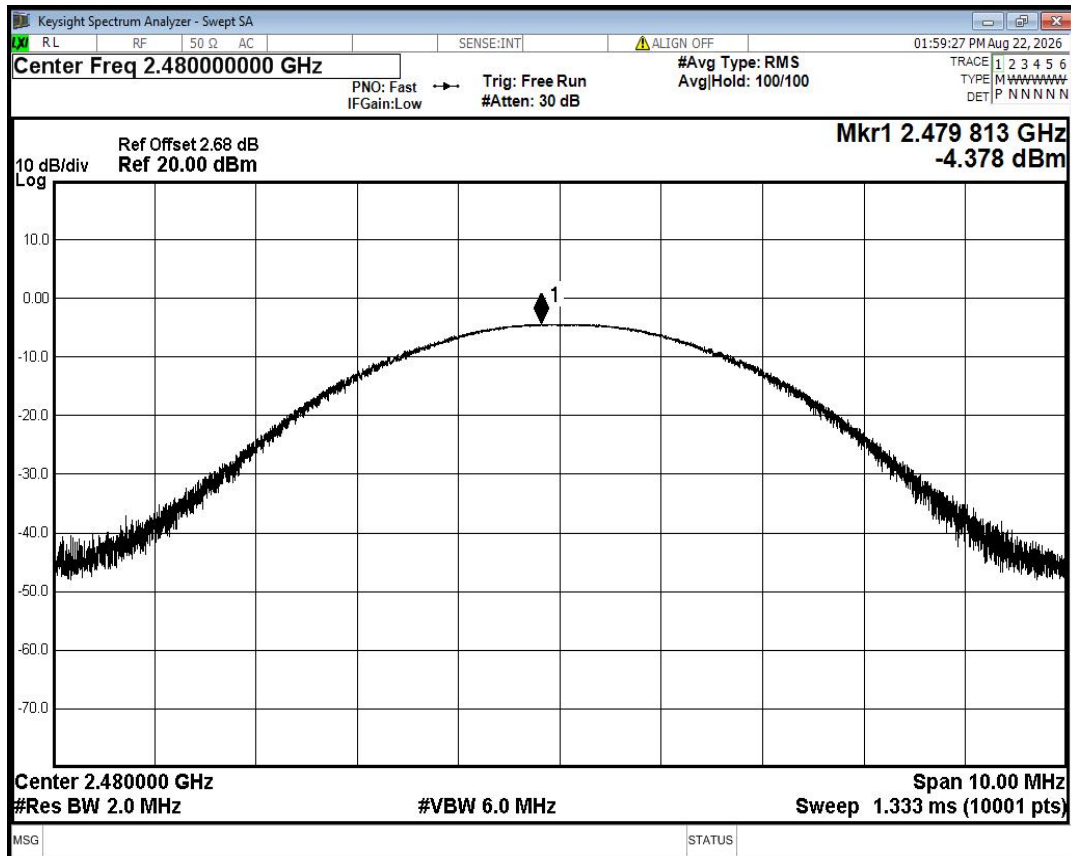
Peak Power NVNT 1-DH5 2480MHz Ant1



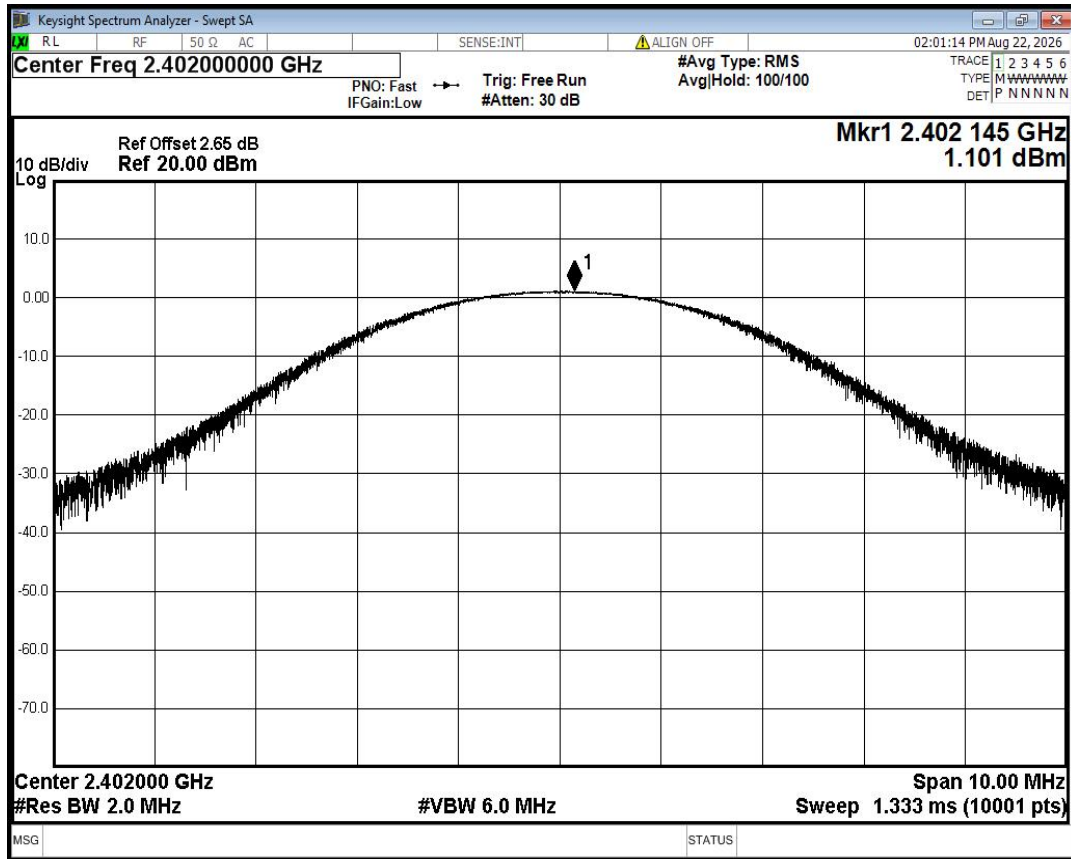
Peak Power NVNT 2-DH5 2402MHz Ant1



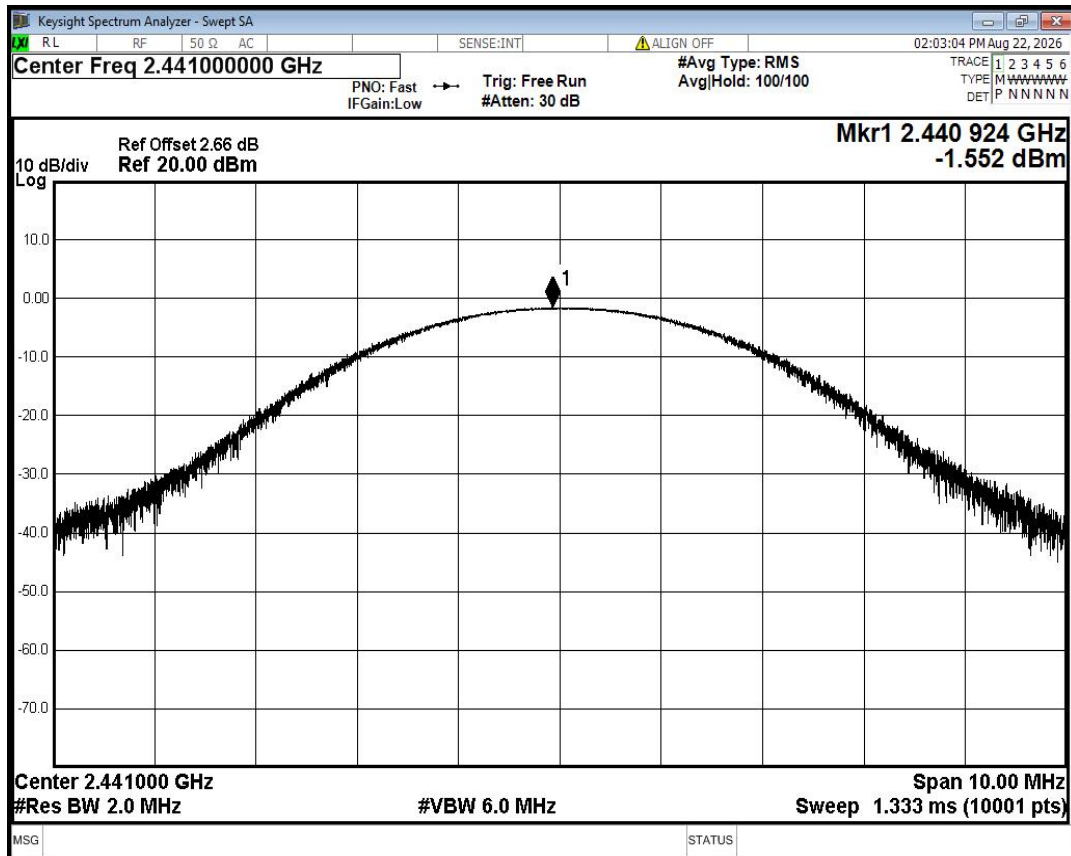
Peak Power NVNT 2-DH5 2441MHz Ant1



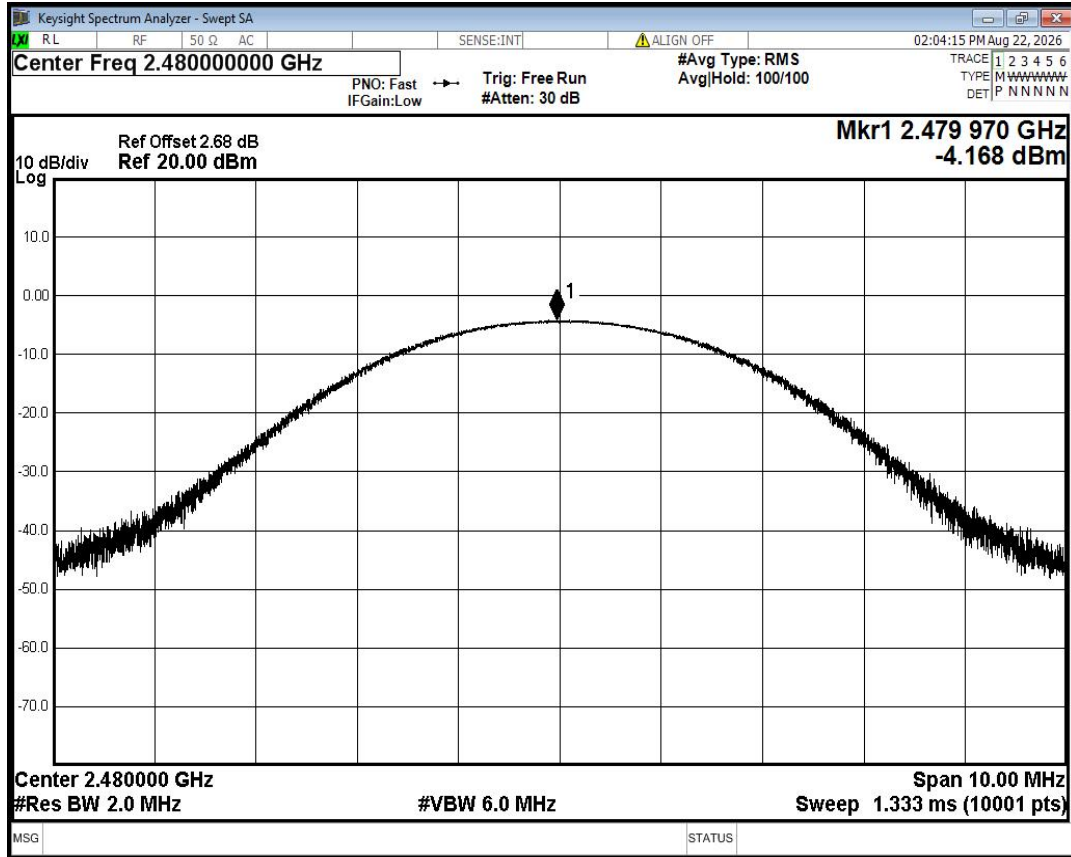
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1

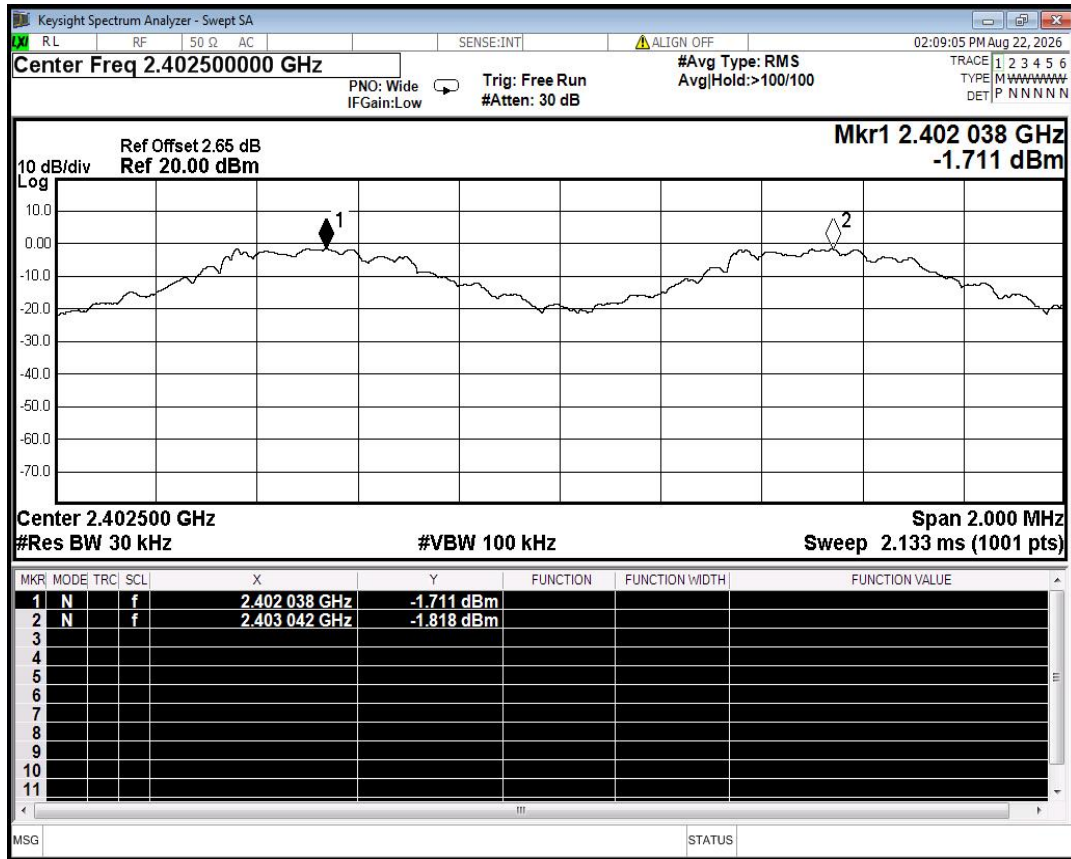


Peak Power NVNT 3-DH5 2480MHz Ant1

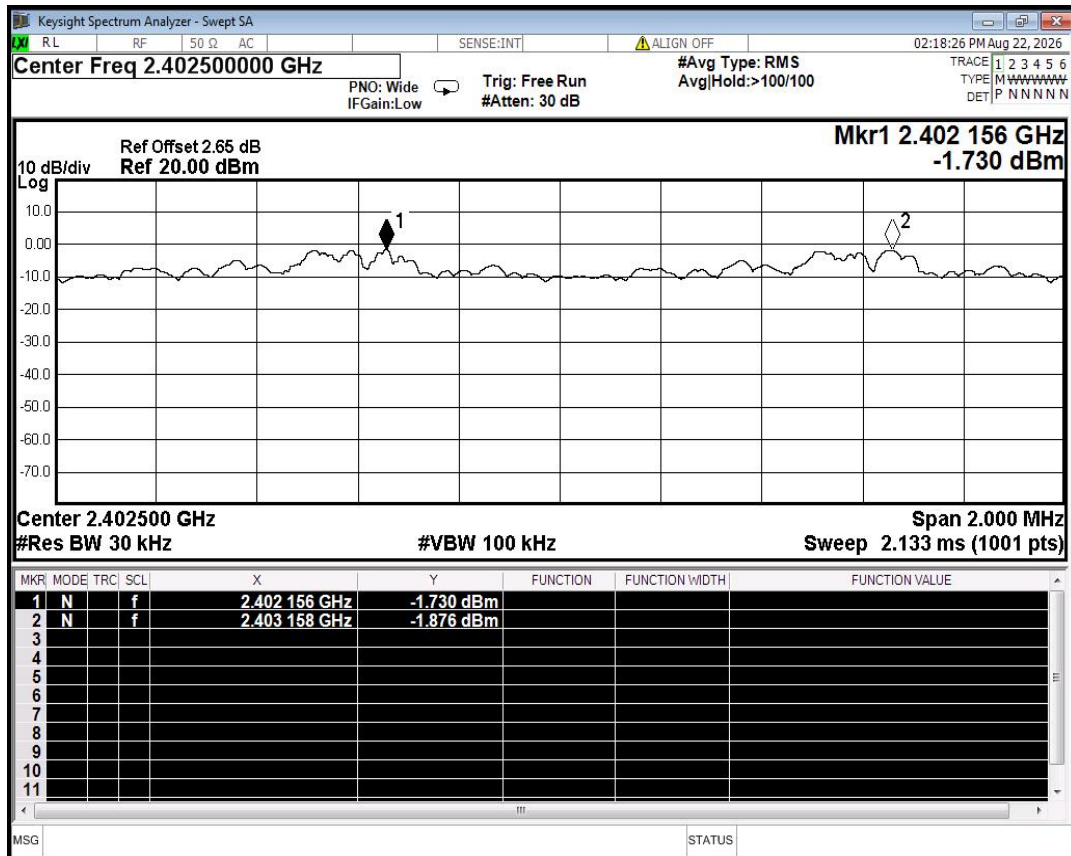


A.3 Carrier Frequencies Separation

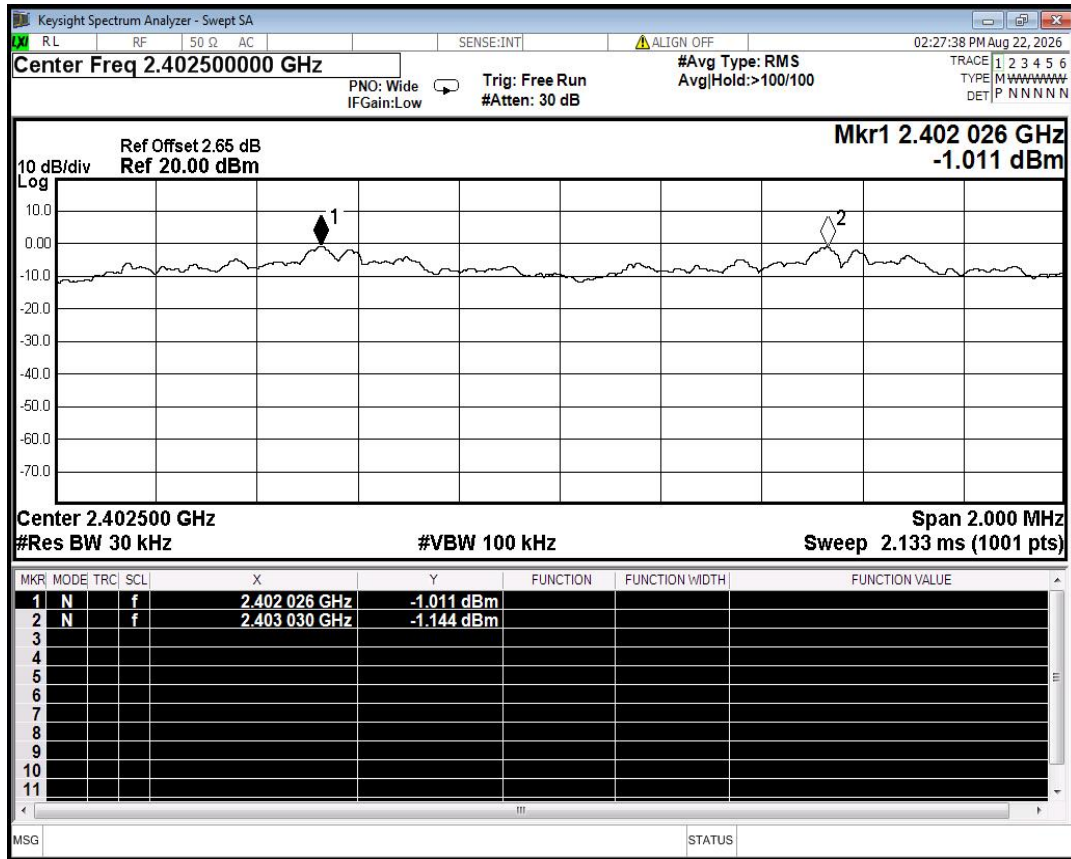
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.038	2403.042	1.004	0.687	Pass
NVNT	2-DH5	Ant1	2402.156	2403.158	1.002	0.907	Pass
NVNT	3-DH5	Ant1	2402.026	2403.03	1.004	0.874	Pass



CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1

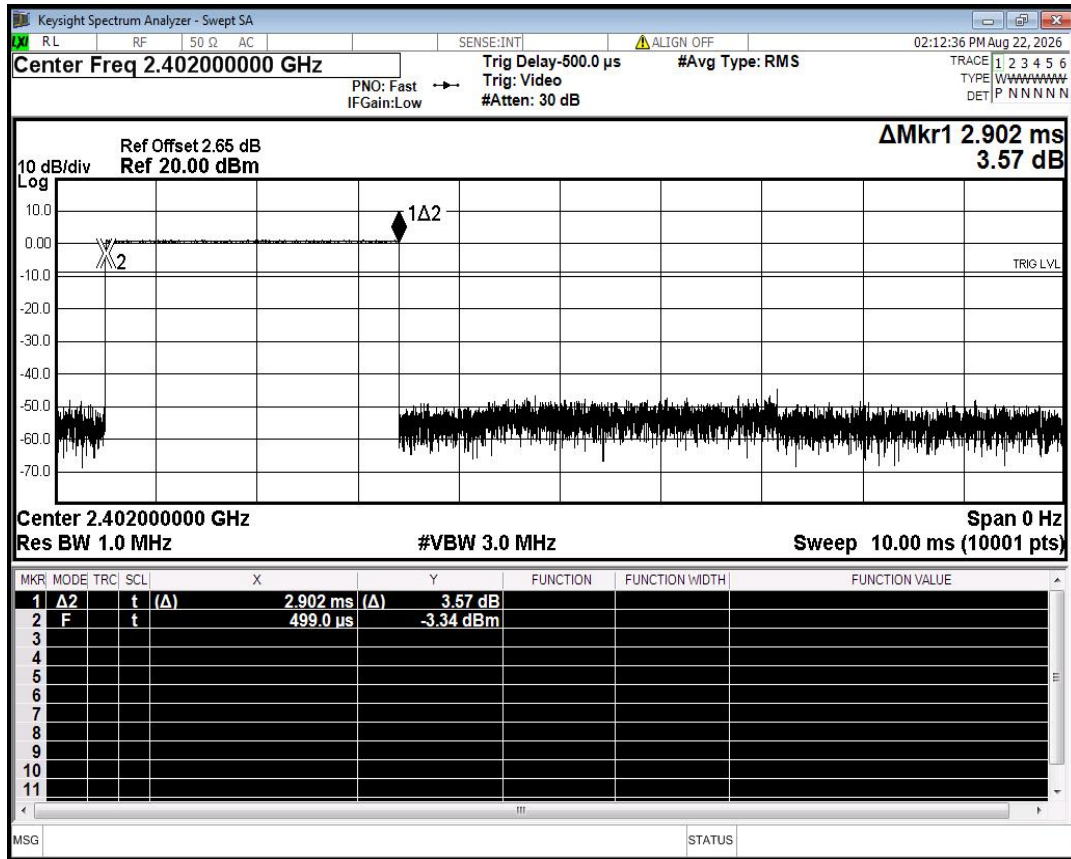


CFS NVNT 3-DH5 2402MHz Ant1

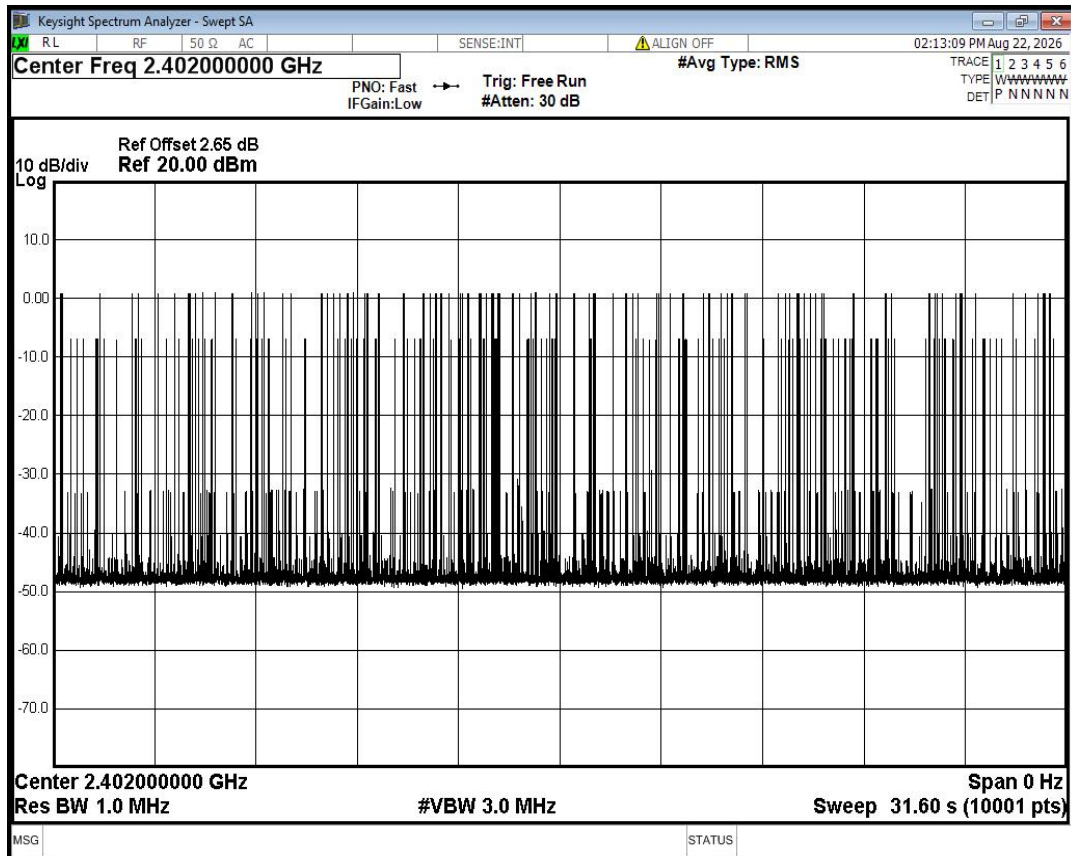


A.4 Dwell Time

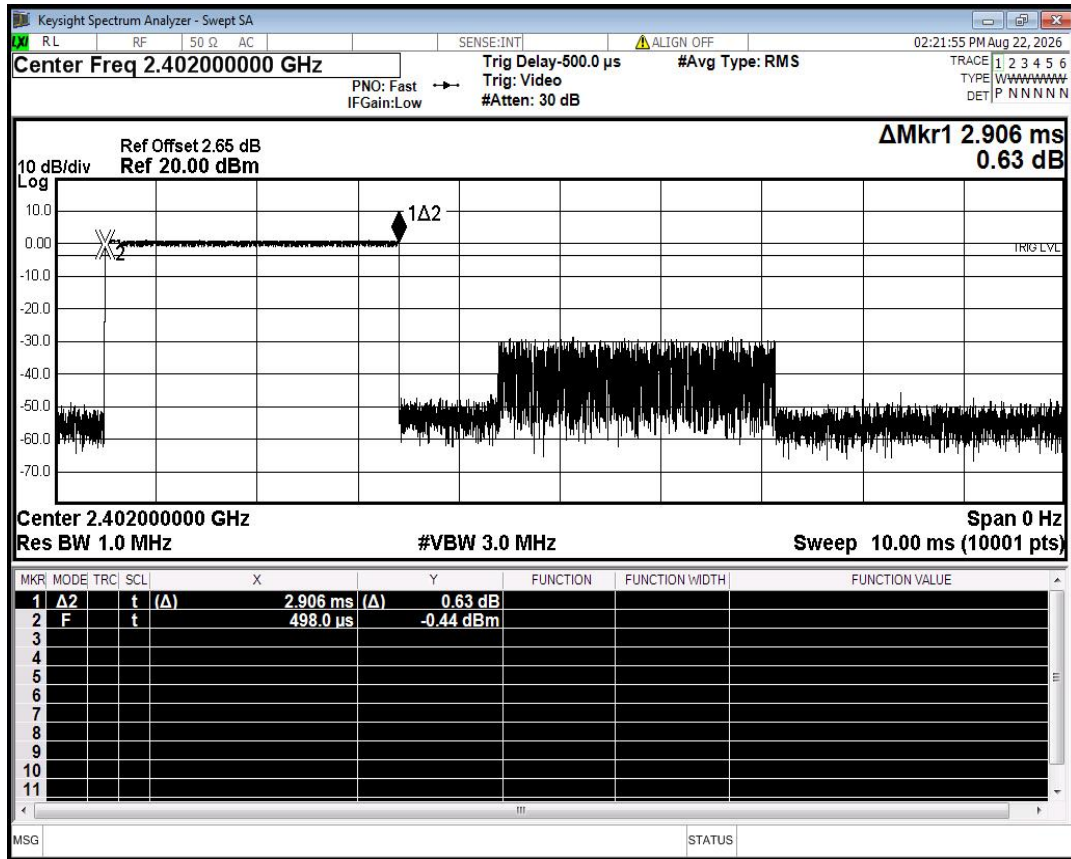
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.902	304.71	105	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.906	305.13	105	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.892	312.336	108	31600	400	Pass



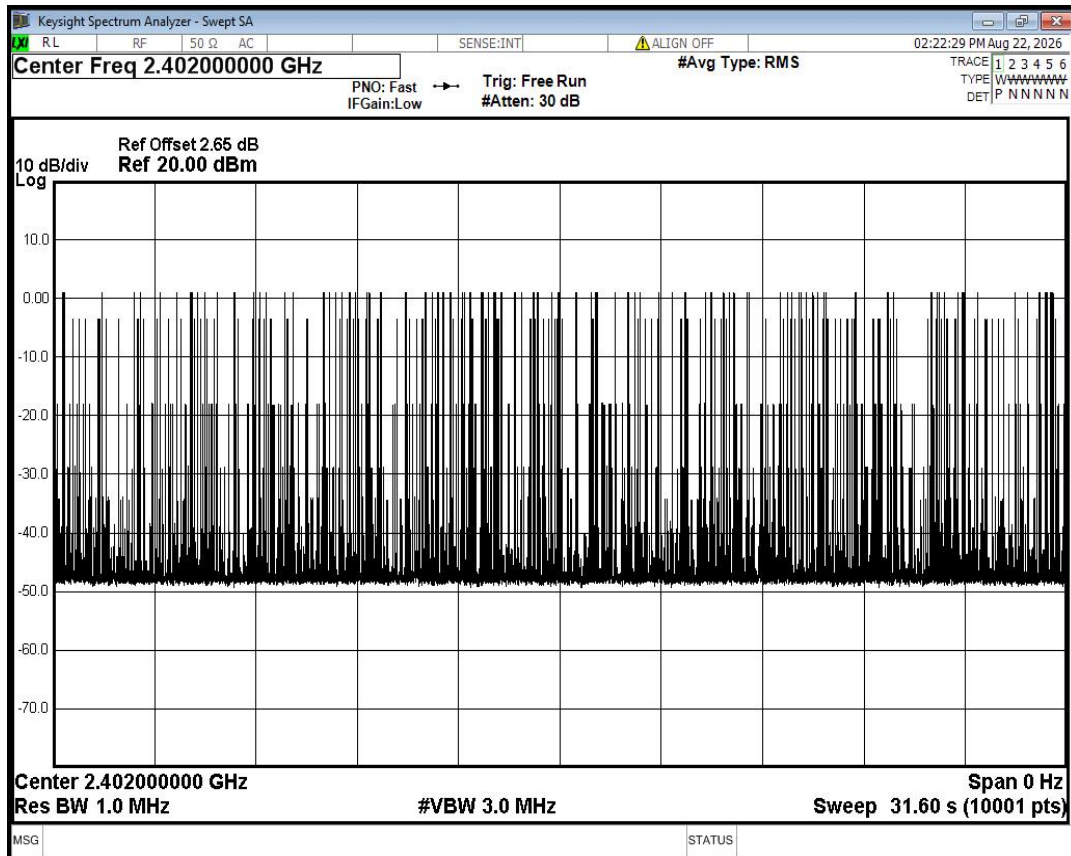
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



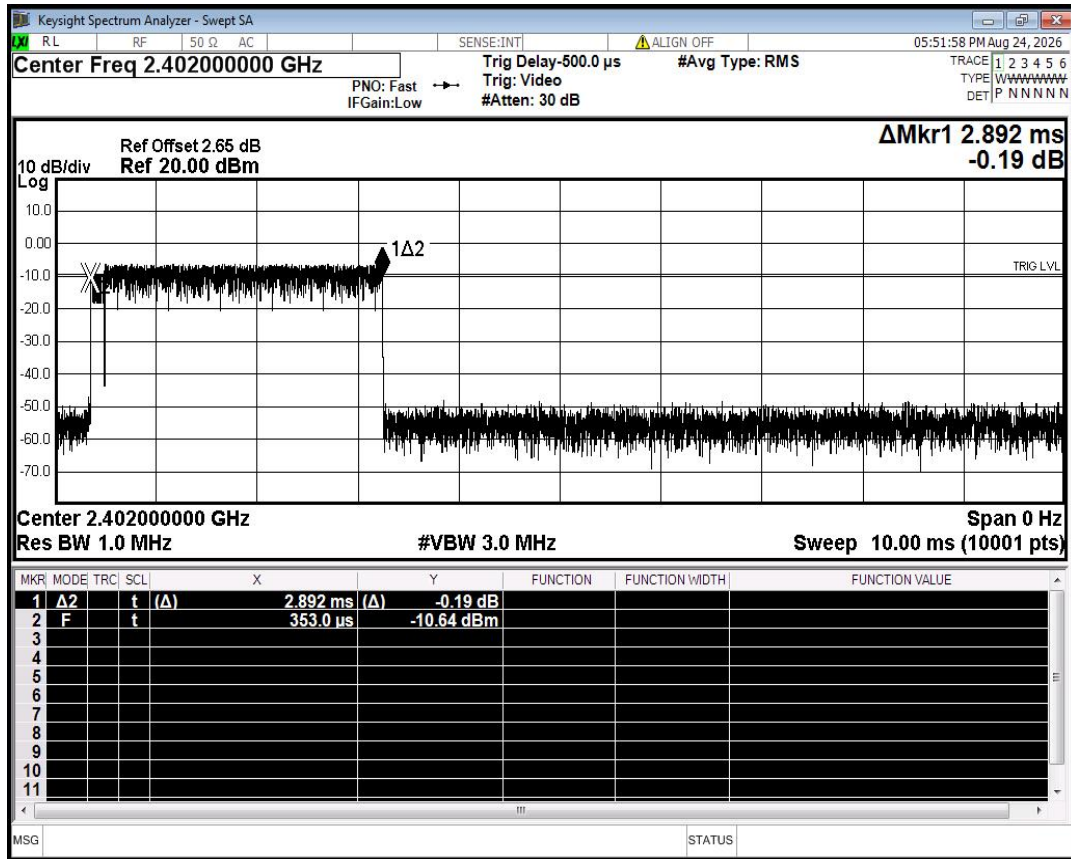
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



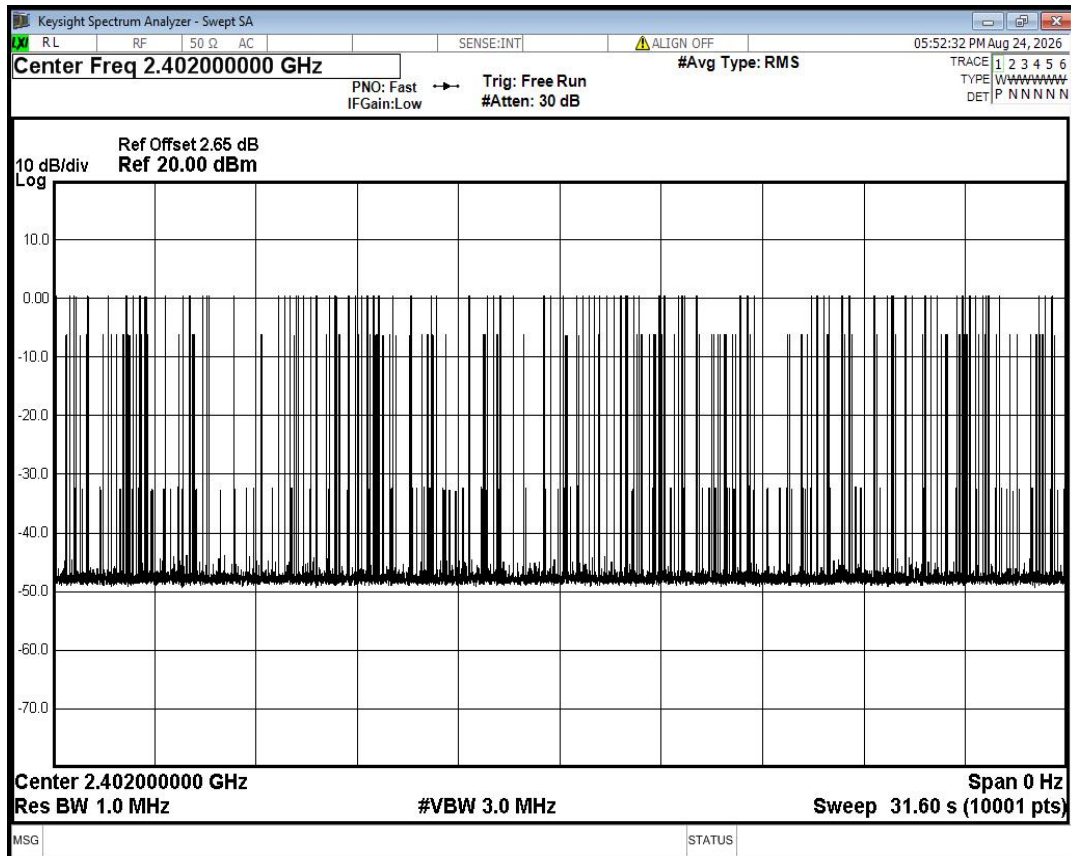
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

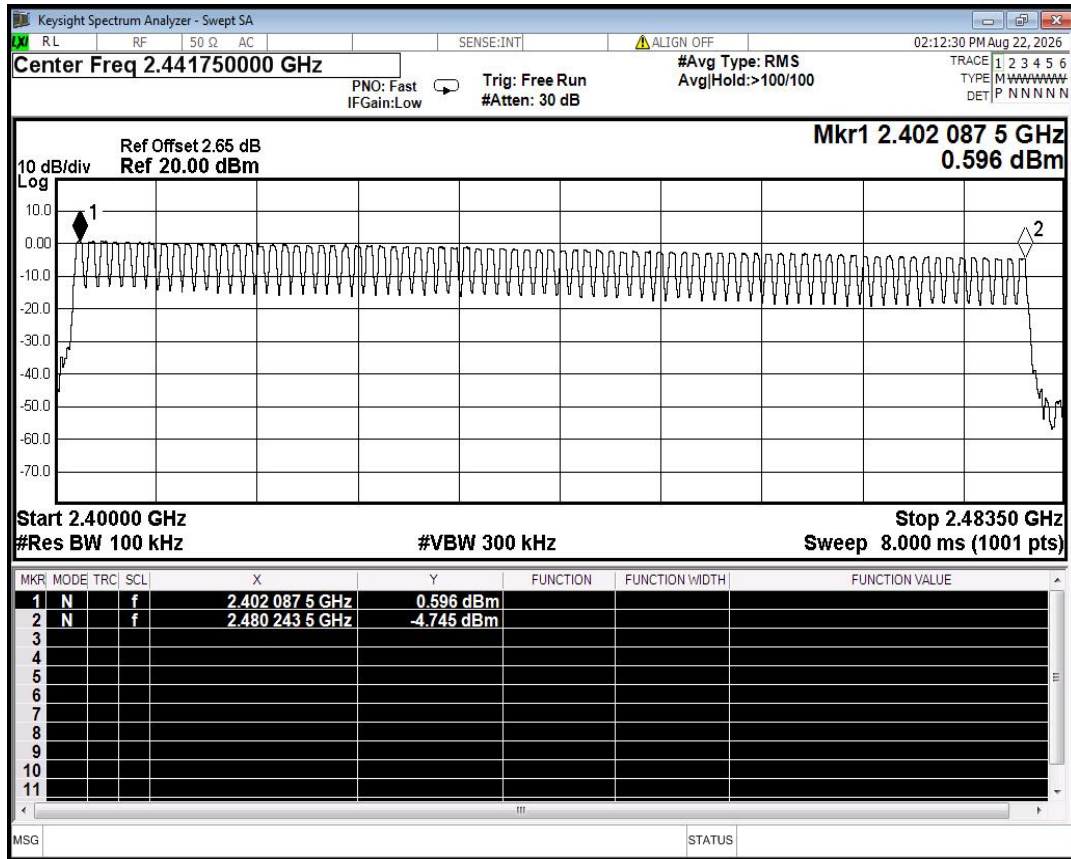


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

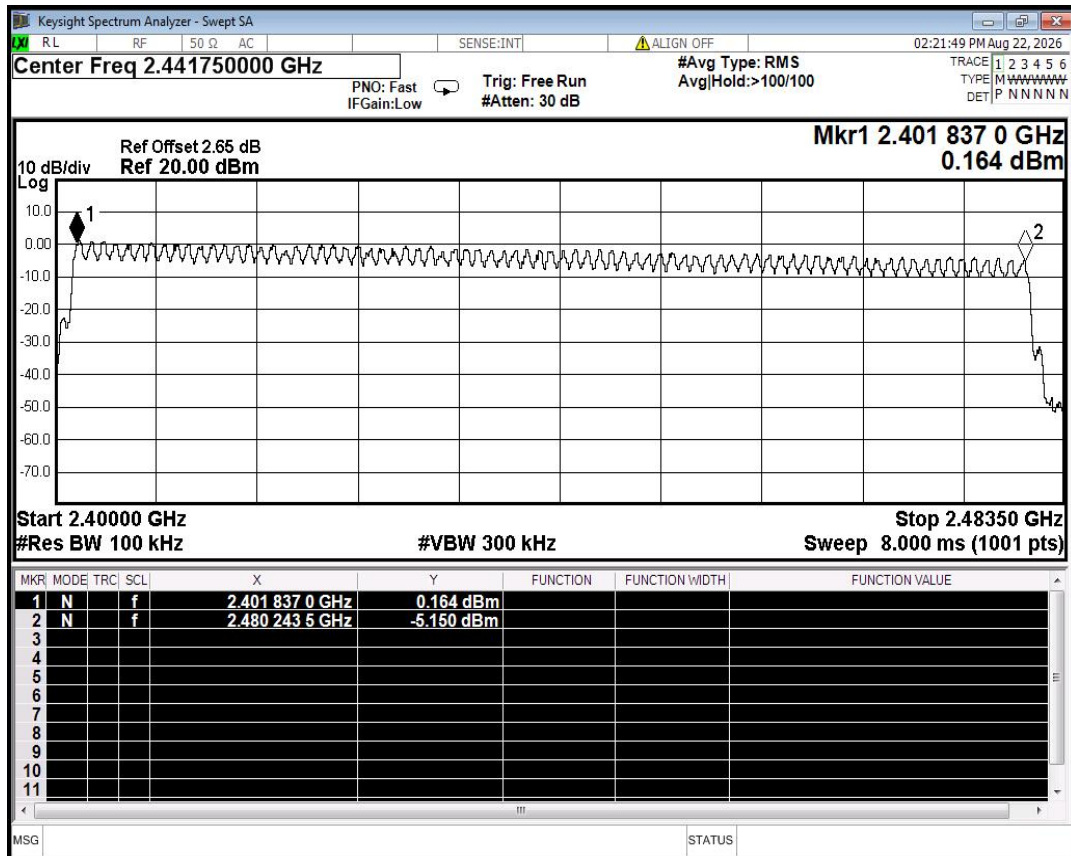


A.5 Number of Hopping Channel

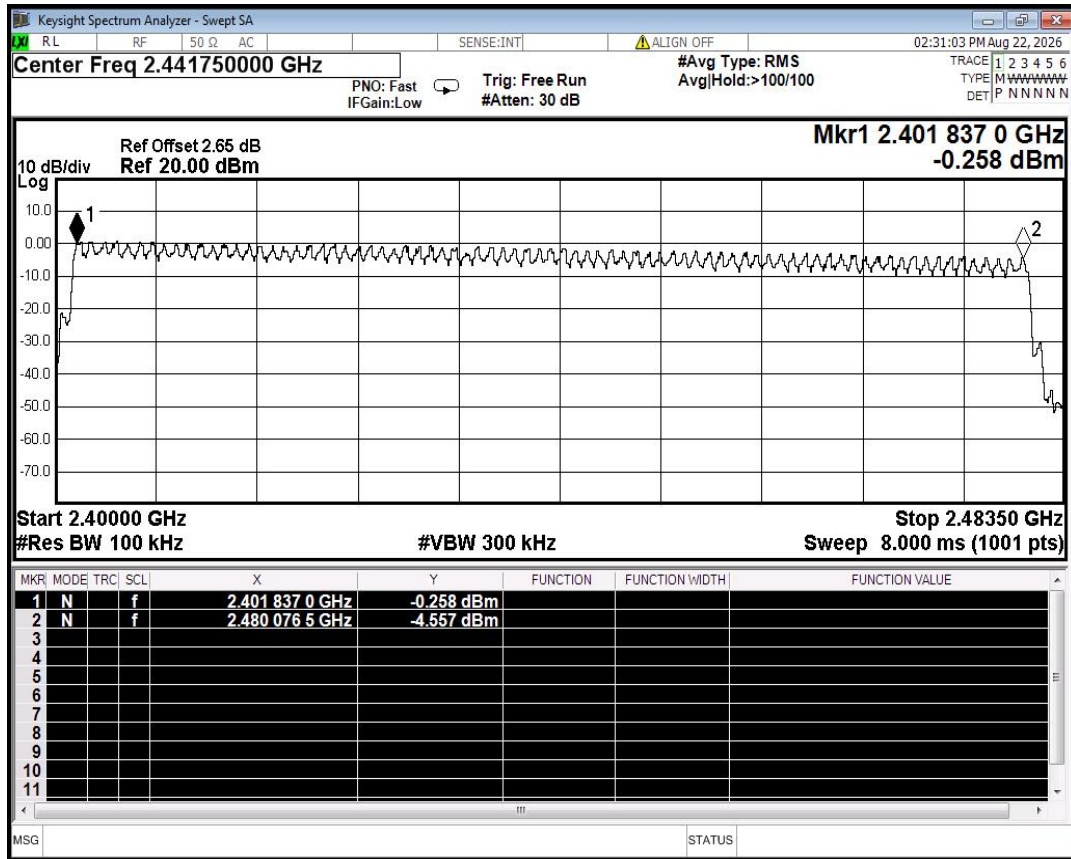
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1

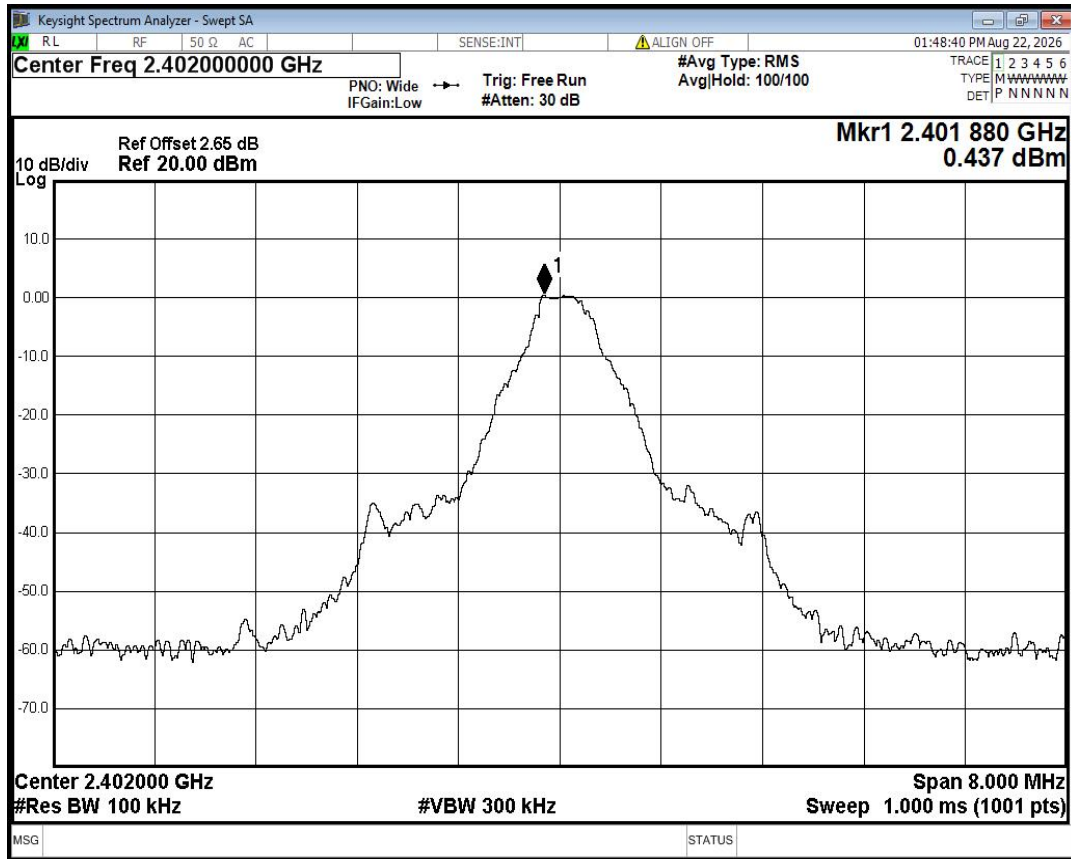


Hopping No. NVNT 3-DH5 2402MHz Ant1

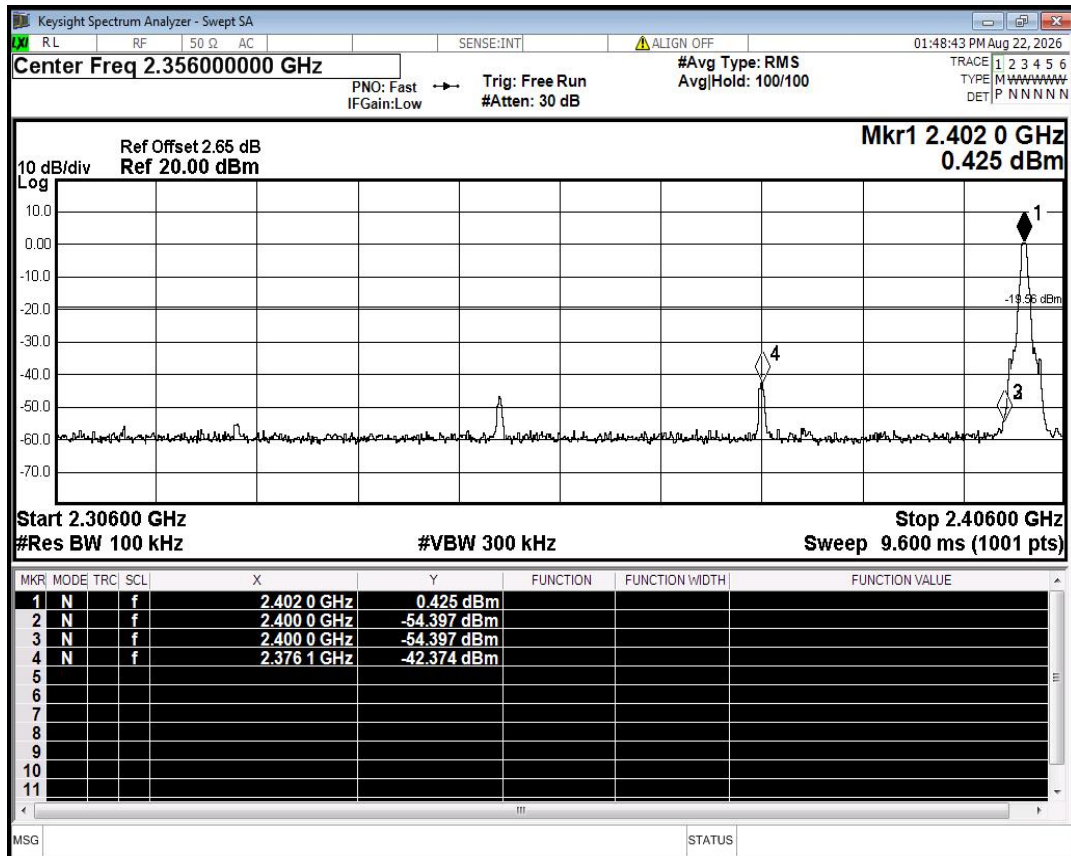


A.6 Band Edge

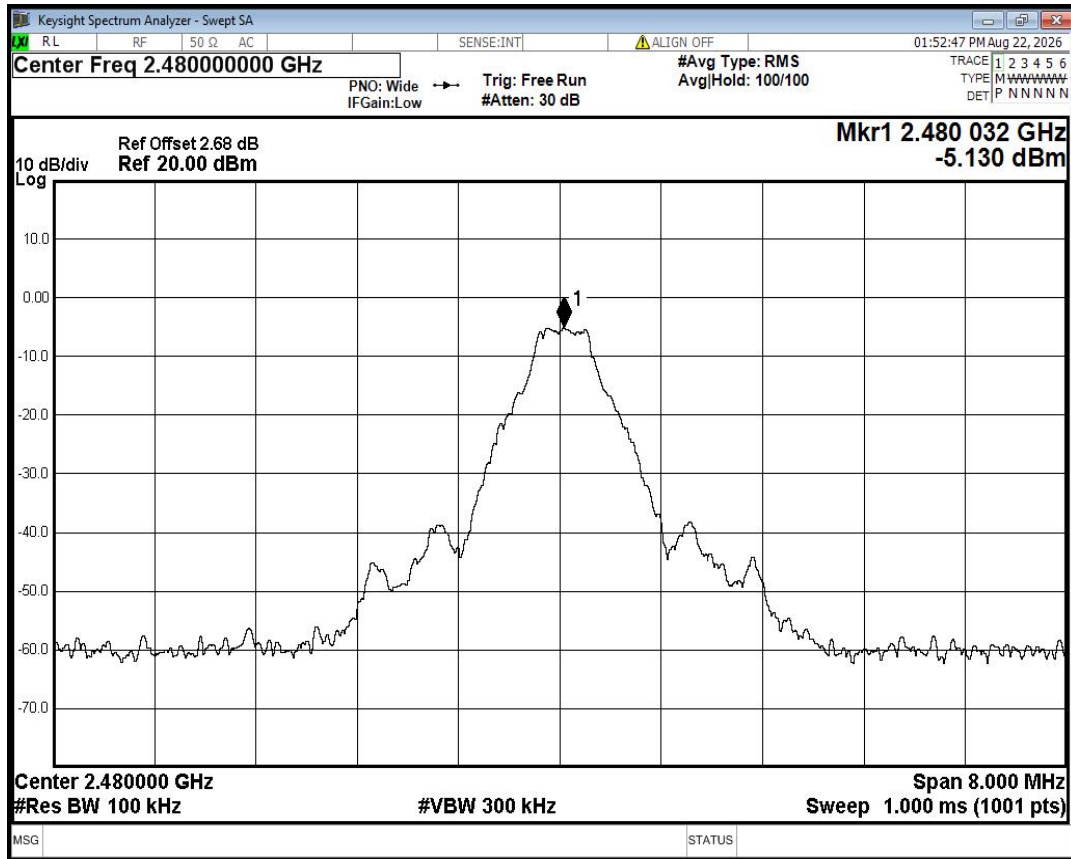
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-42.81	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-51	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-34.92	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-45.29	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-34.48	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-45.96	-20	Pass



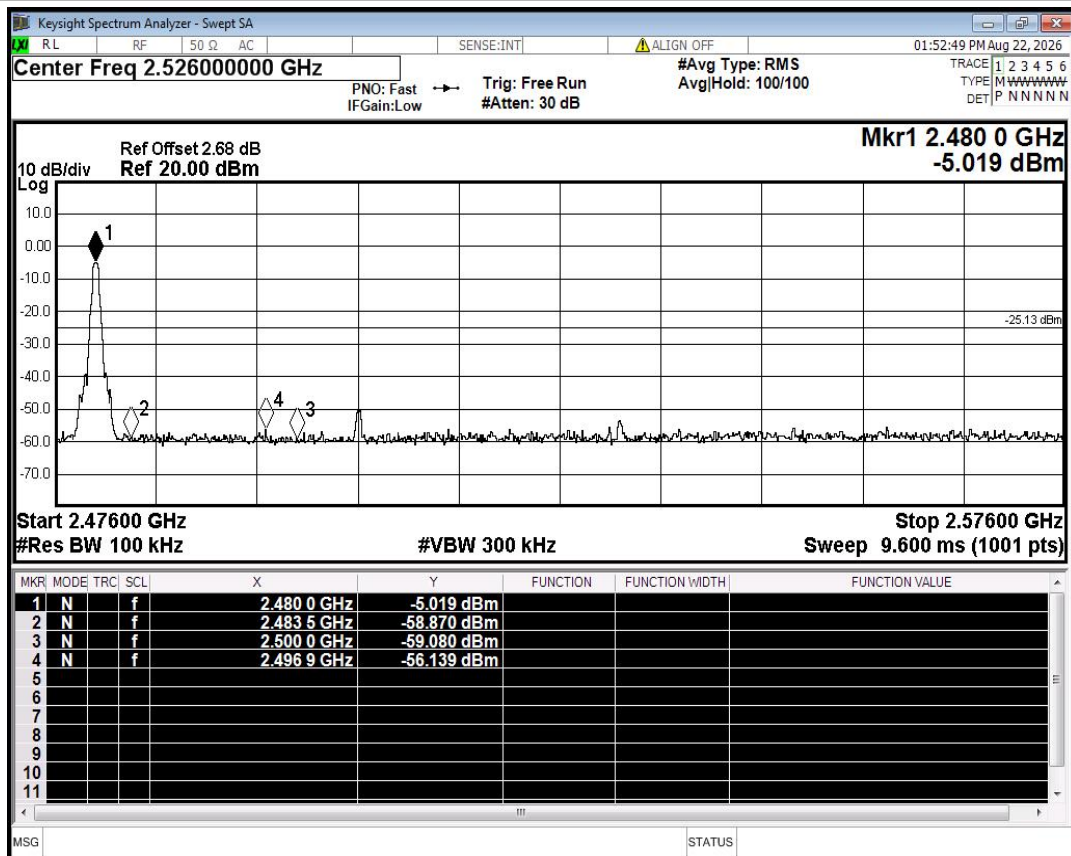
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



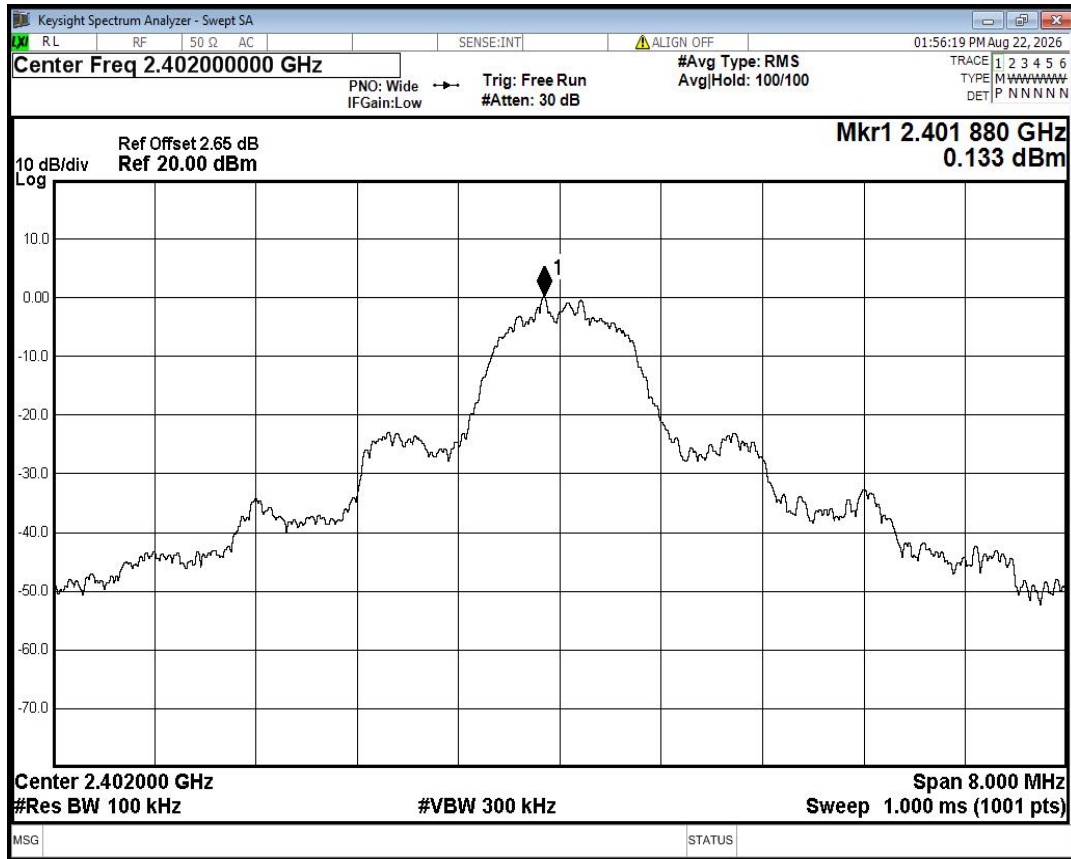
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



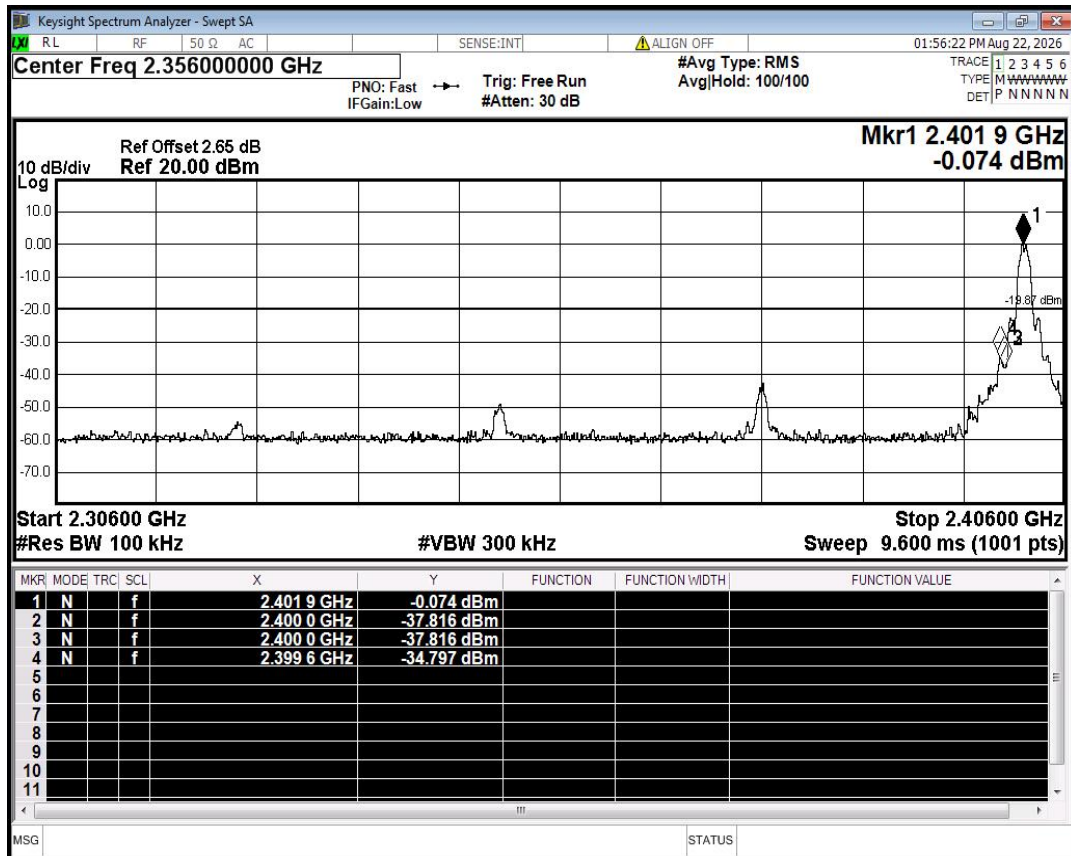
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



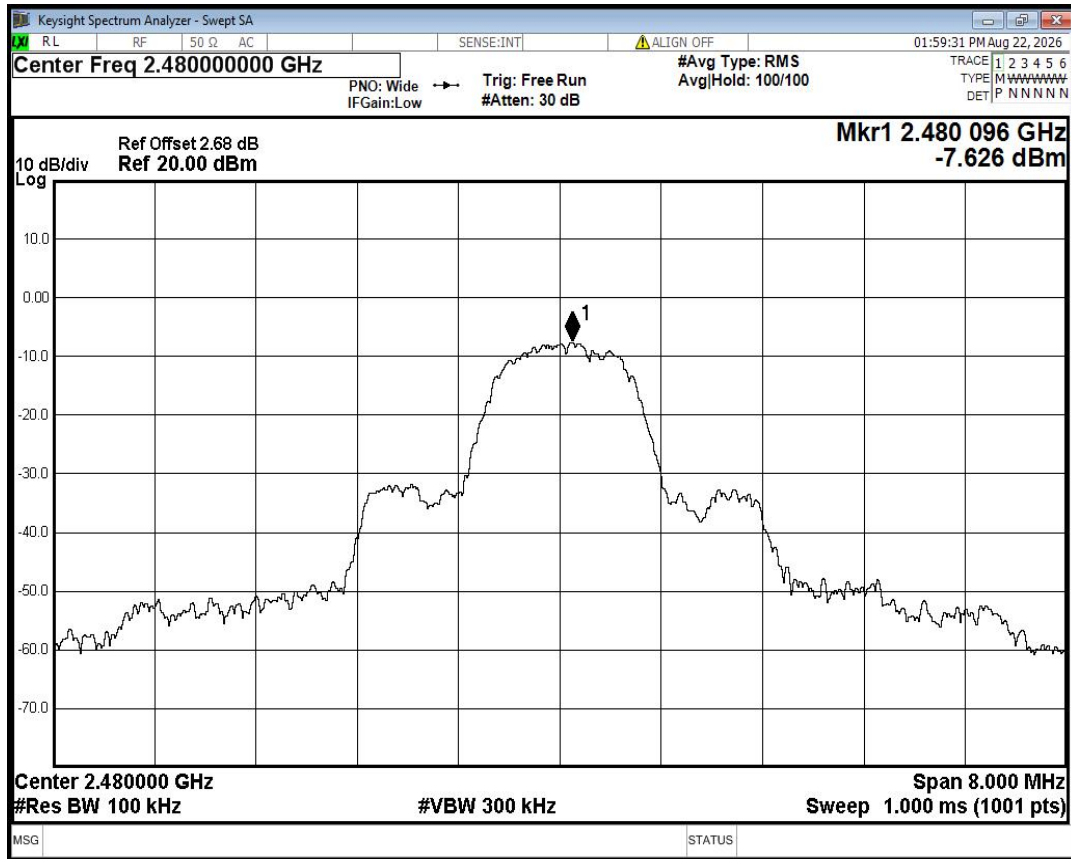
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



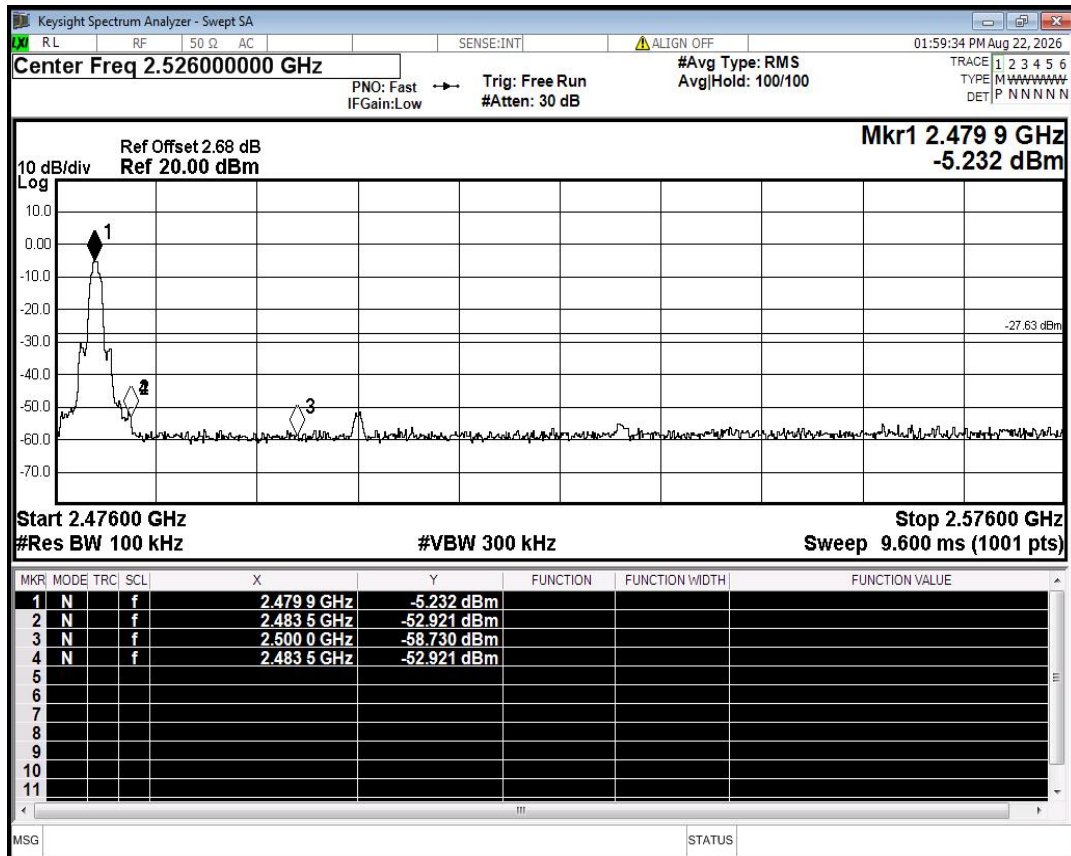
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



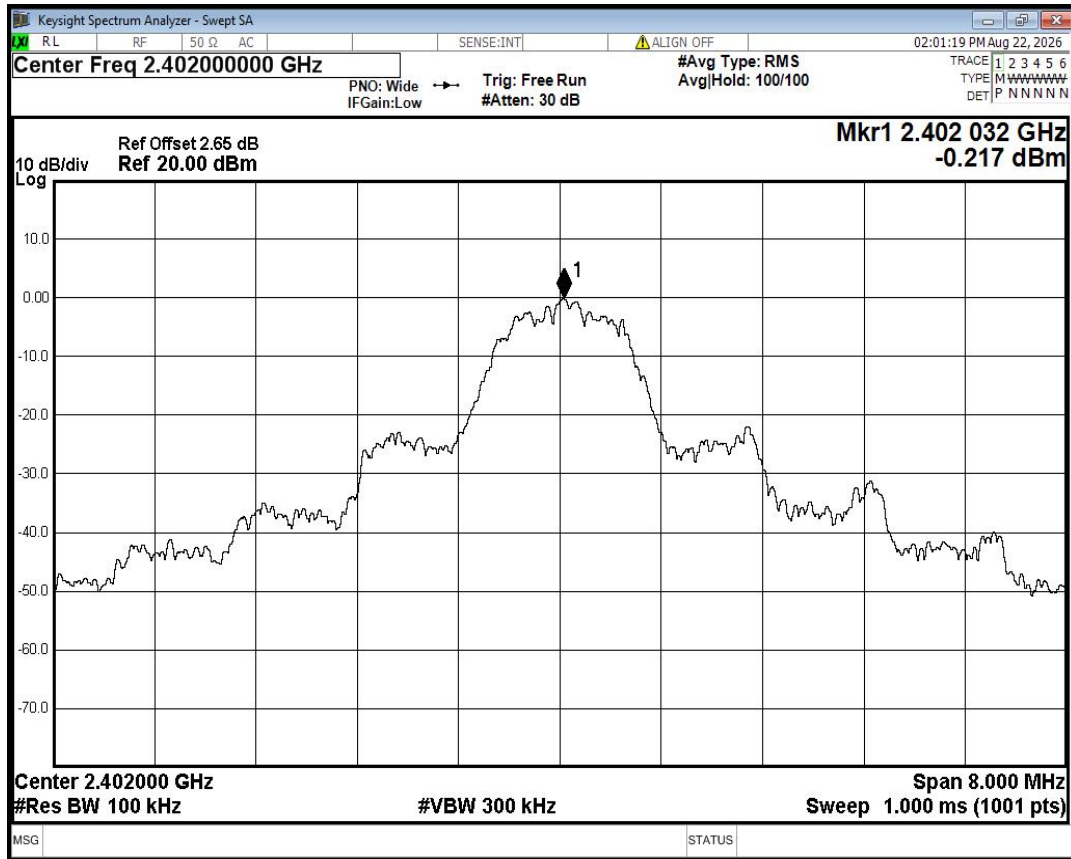
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



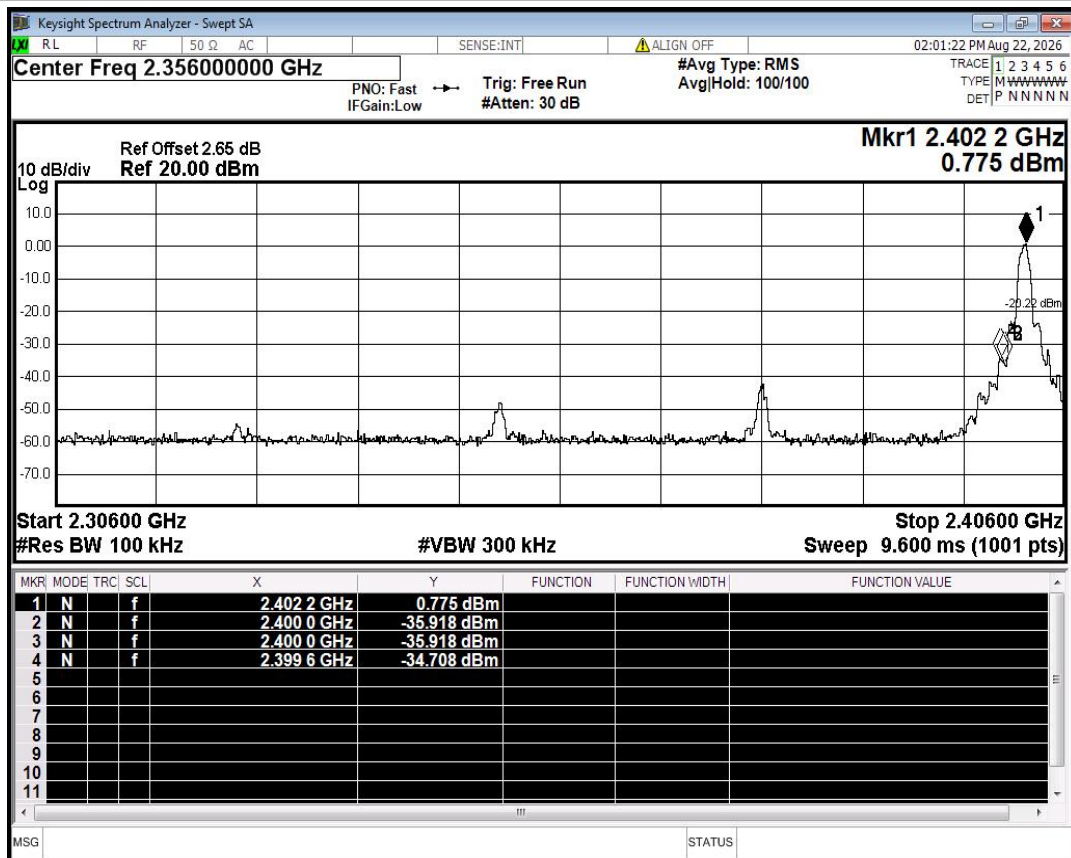
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



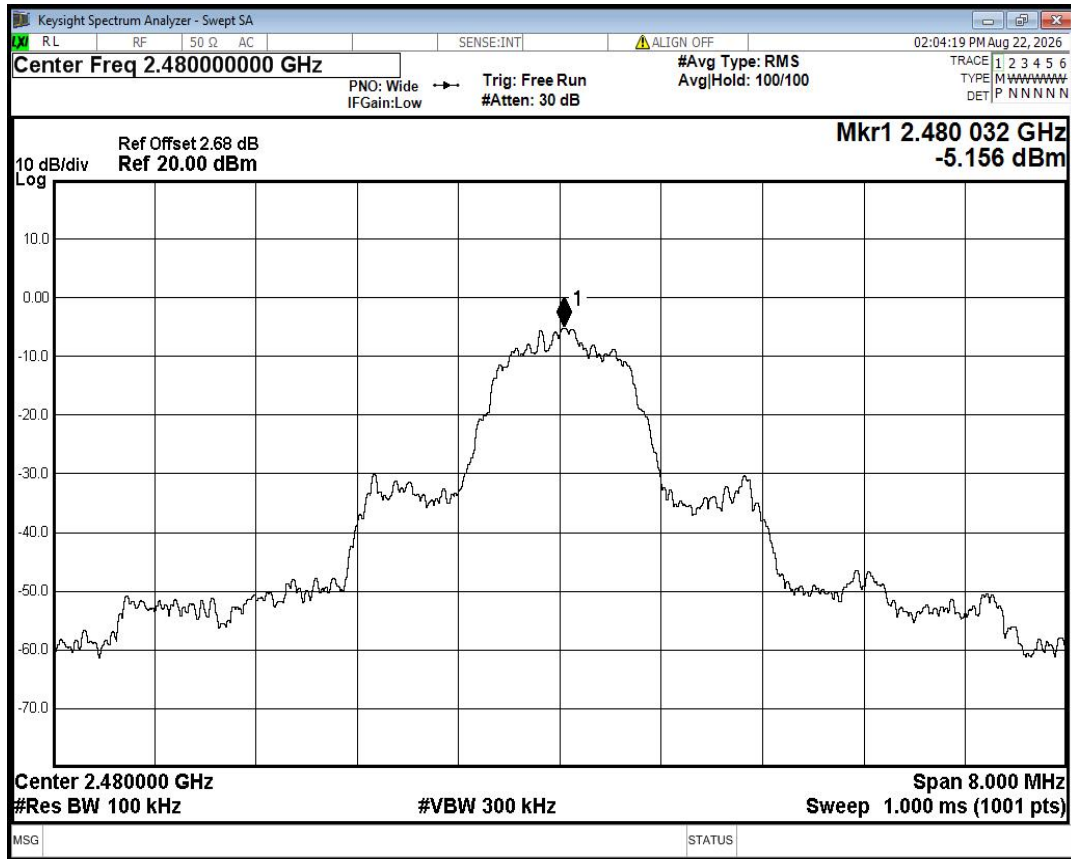
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



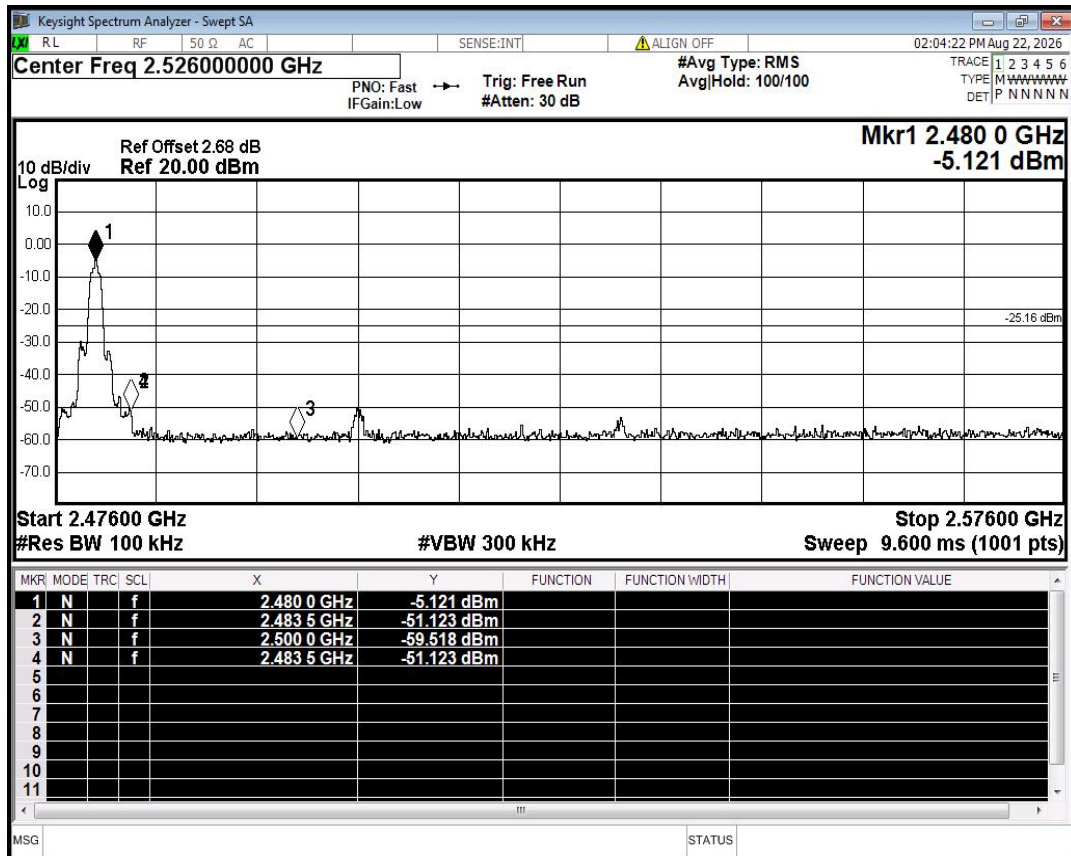
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



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	-43.24	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-43.55	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-41.46	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-42.93	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-42.18	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-43.46	-20	Pass