

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Party BoomBox Speaker

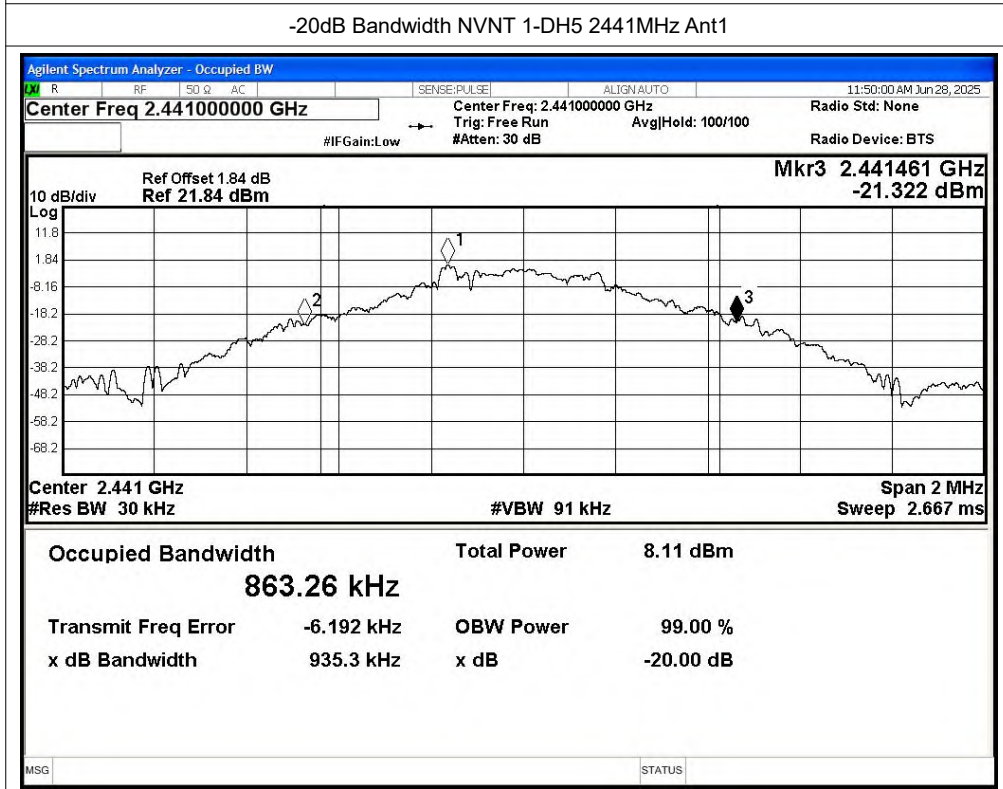
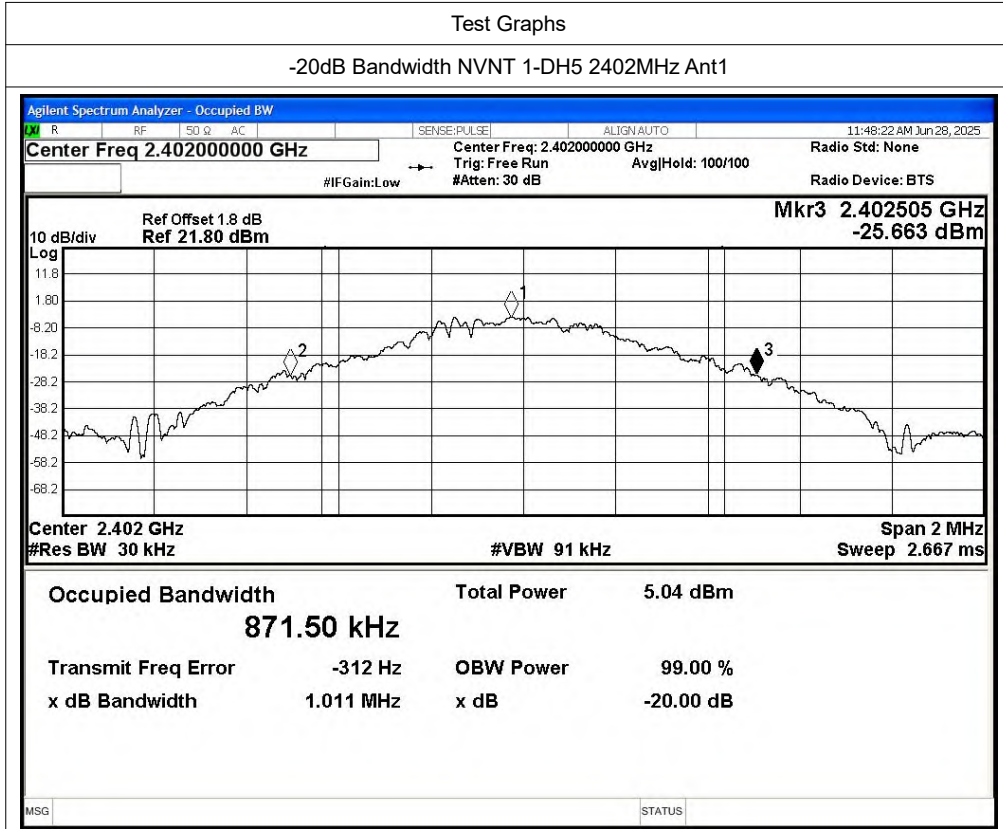
Test Model: Sonic Boom Max3

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jone.Lee
Supervised by:	Yan Chen

A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.011	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.935	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.963	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.27	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.286	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.286	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.262	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.288	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.311	N/A	Pass



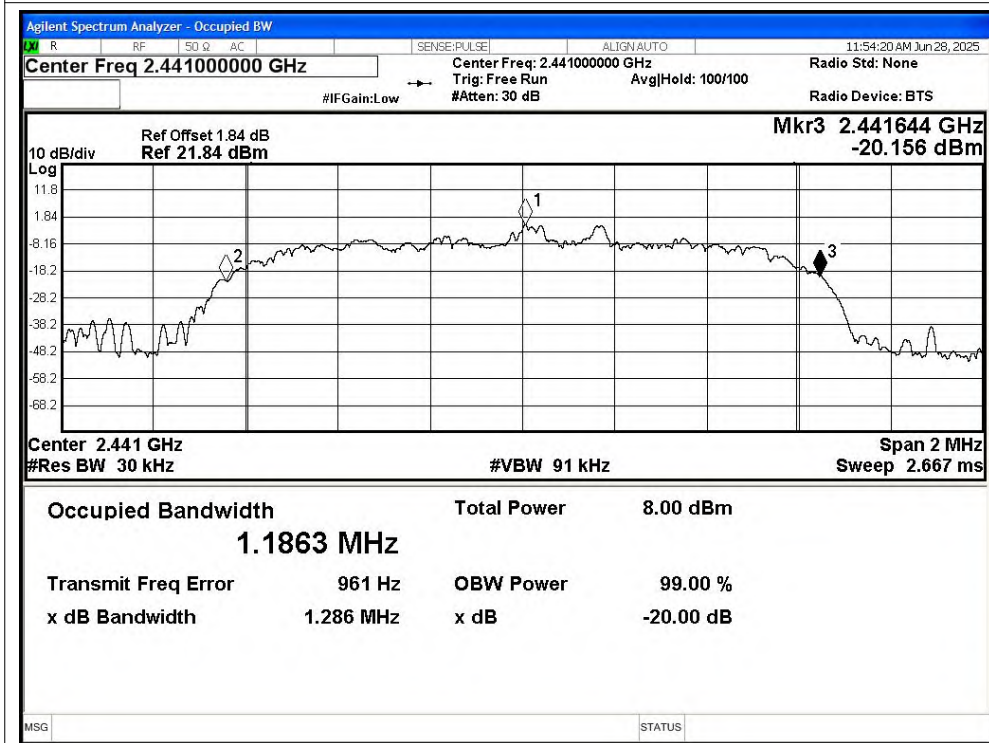
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



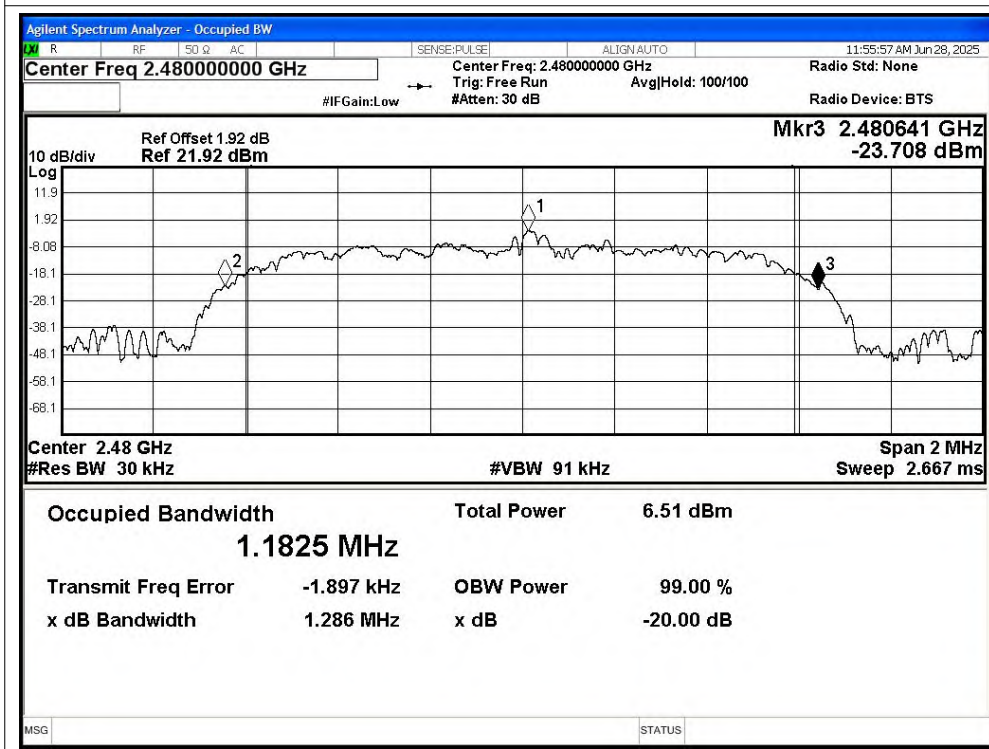
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



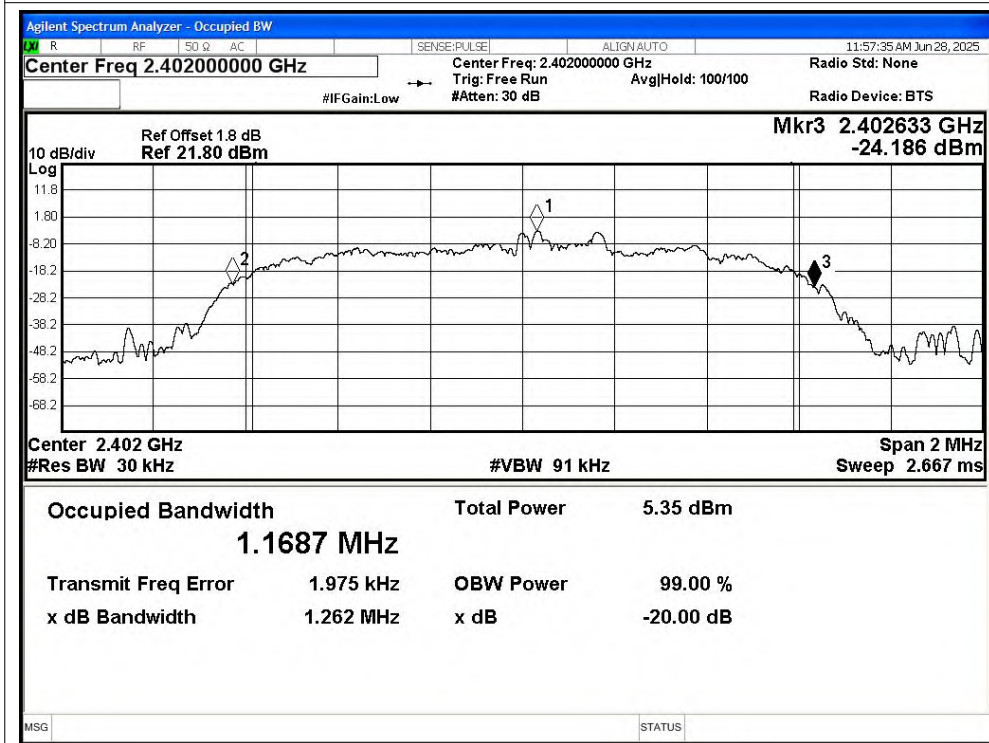
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



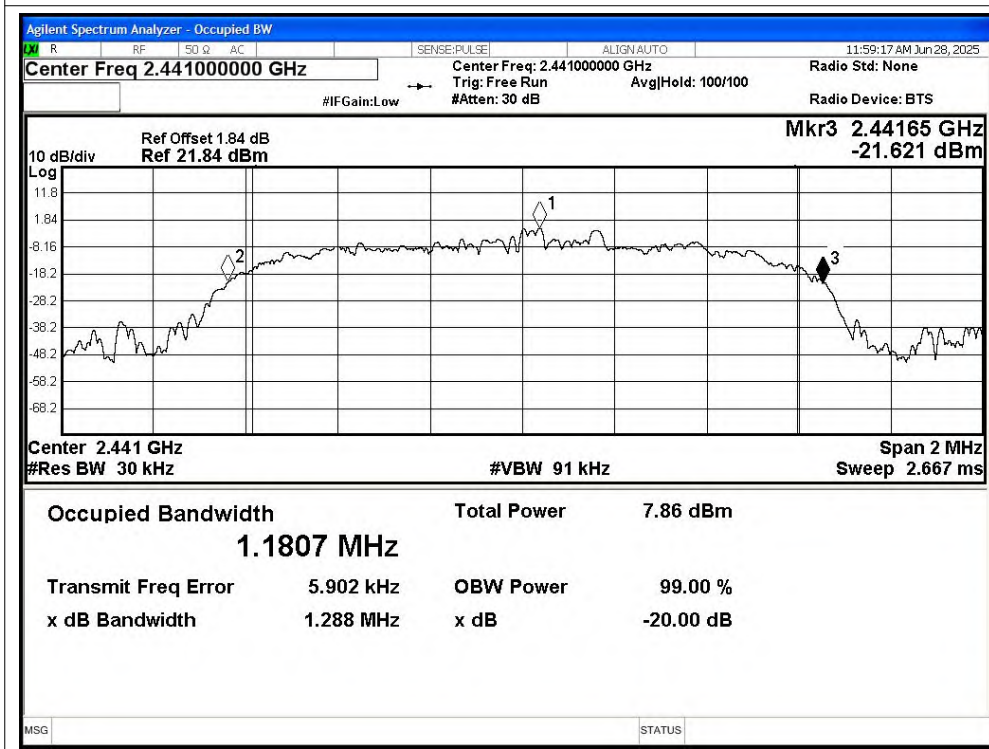
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

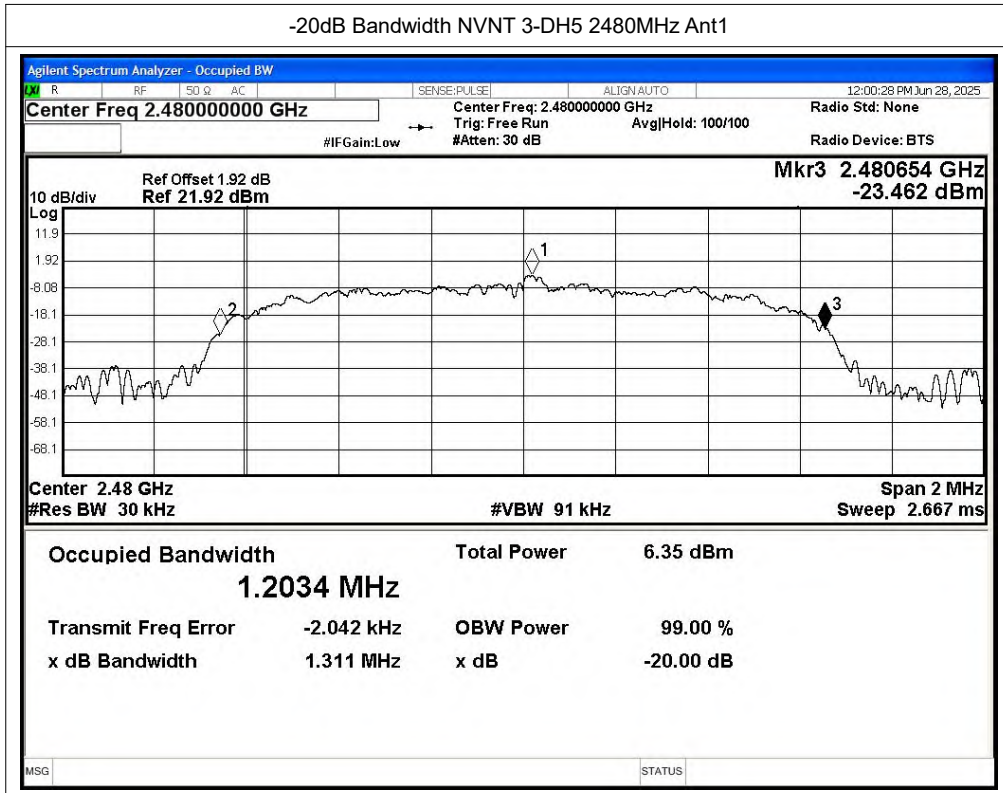


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



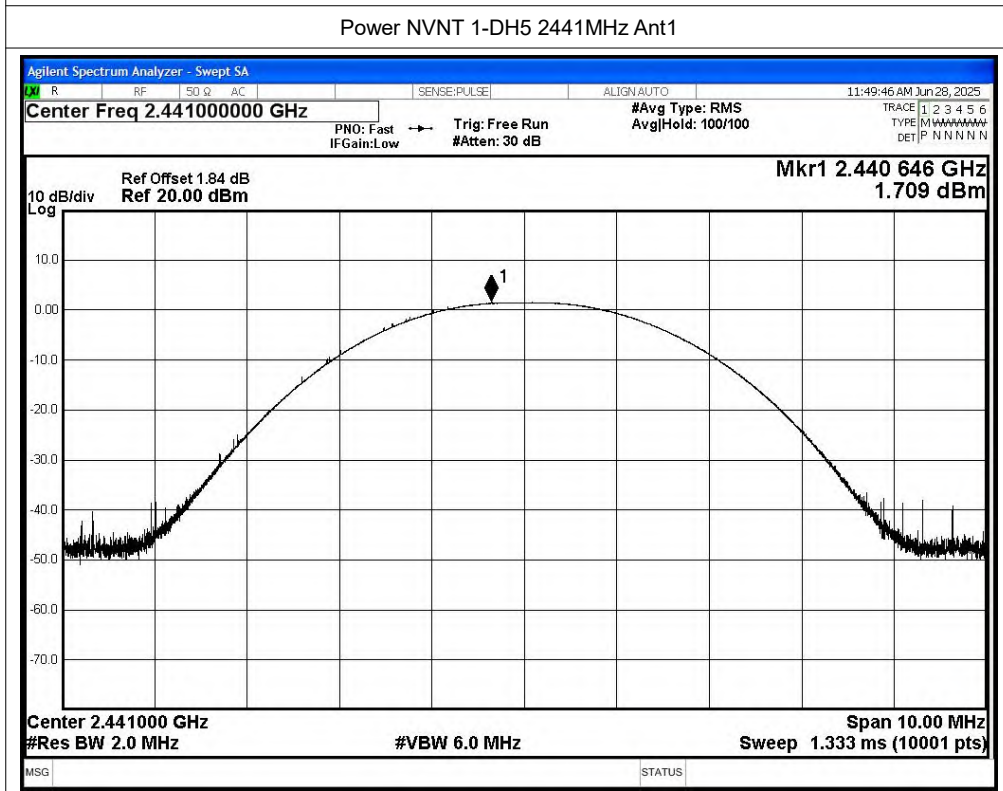
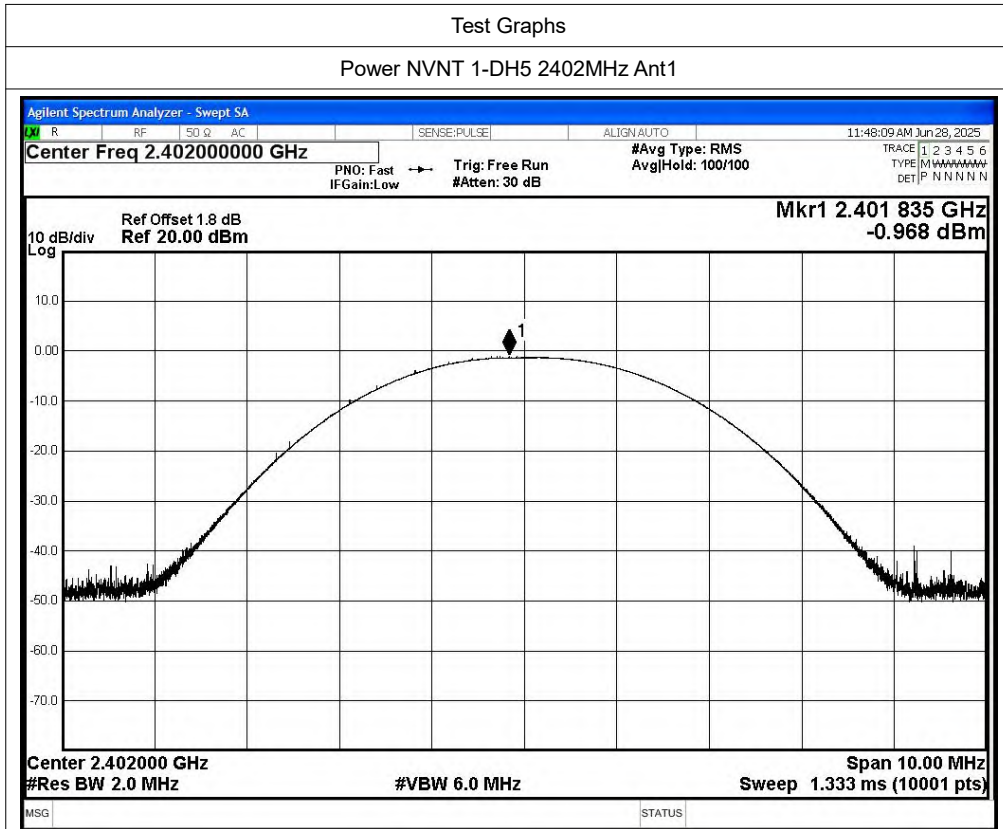
-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

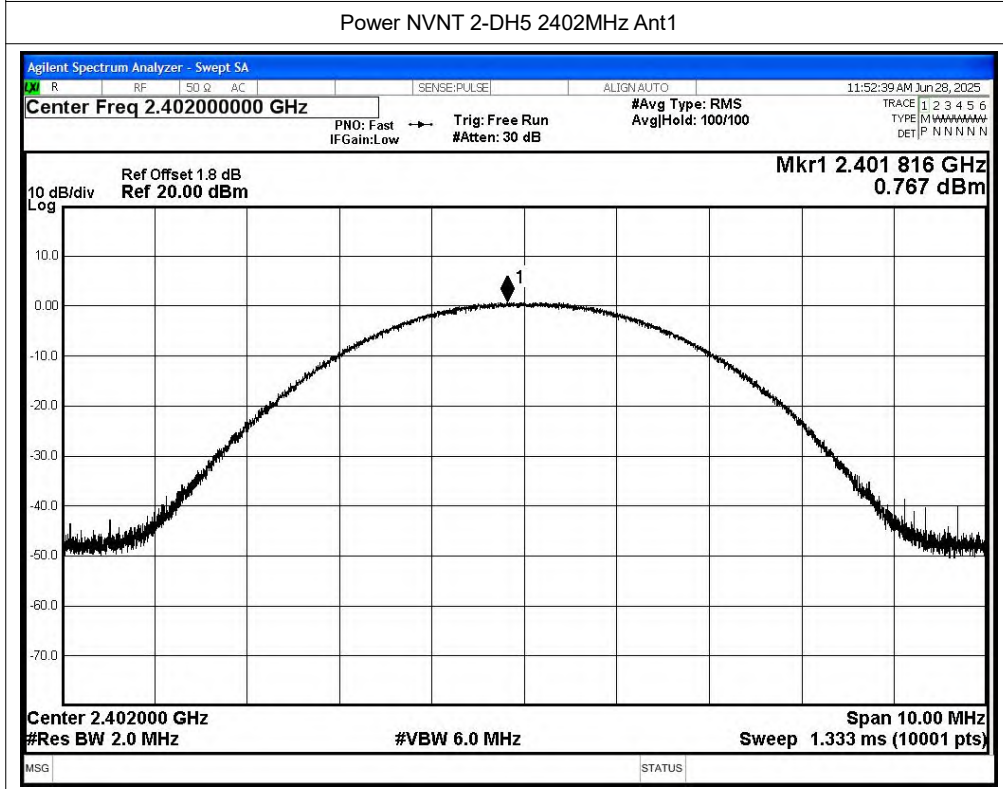
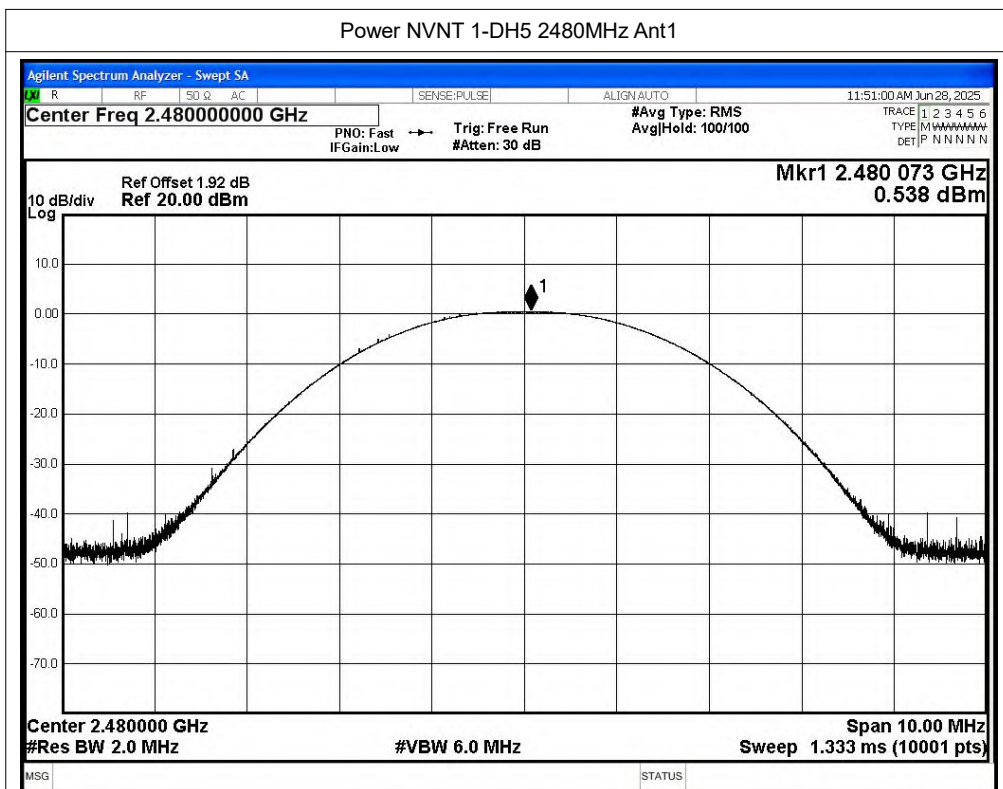


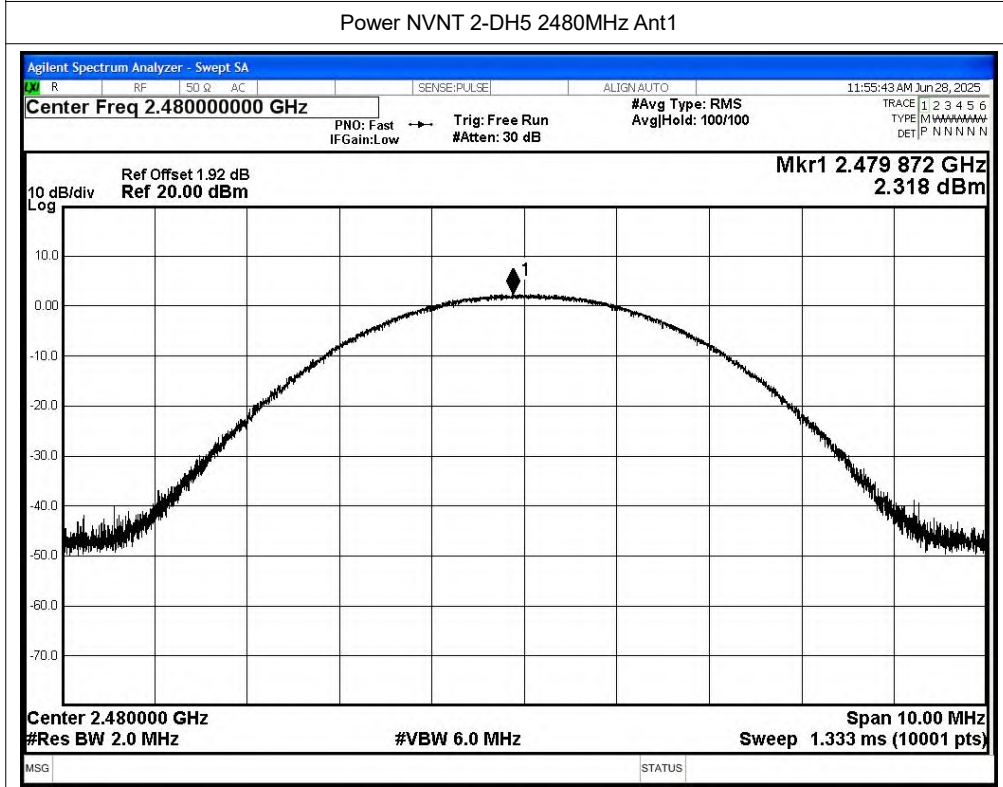
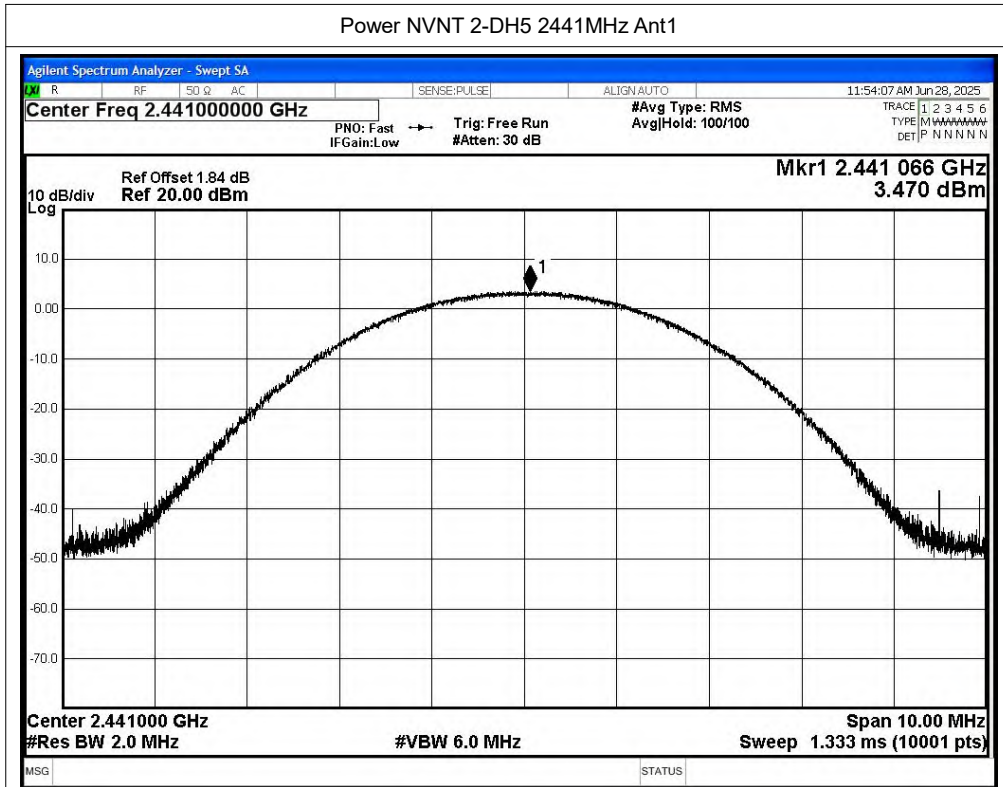


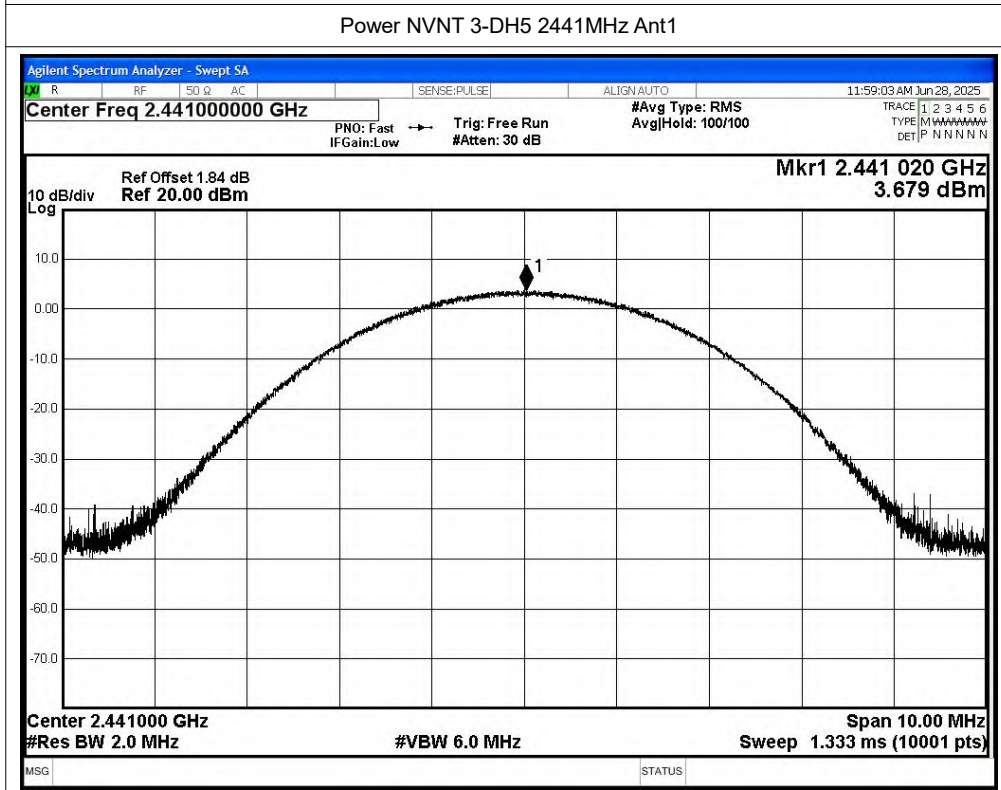
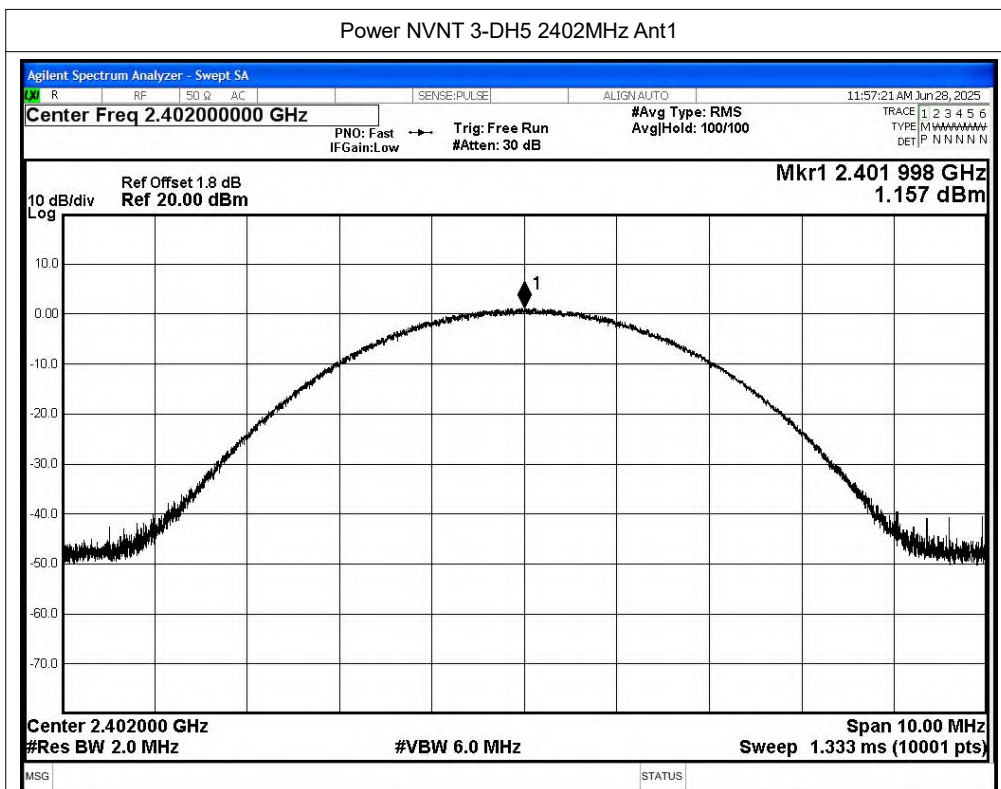
A.2 Maximum Peak Conducted Output Power

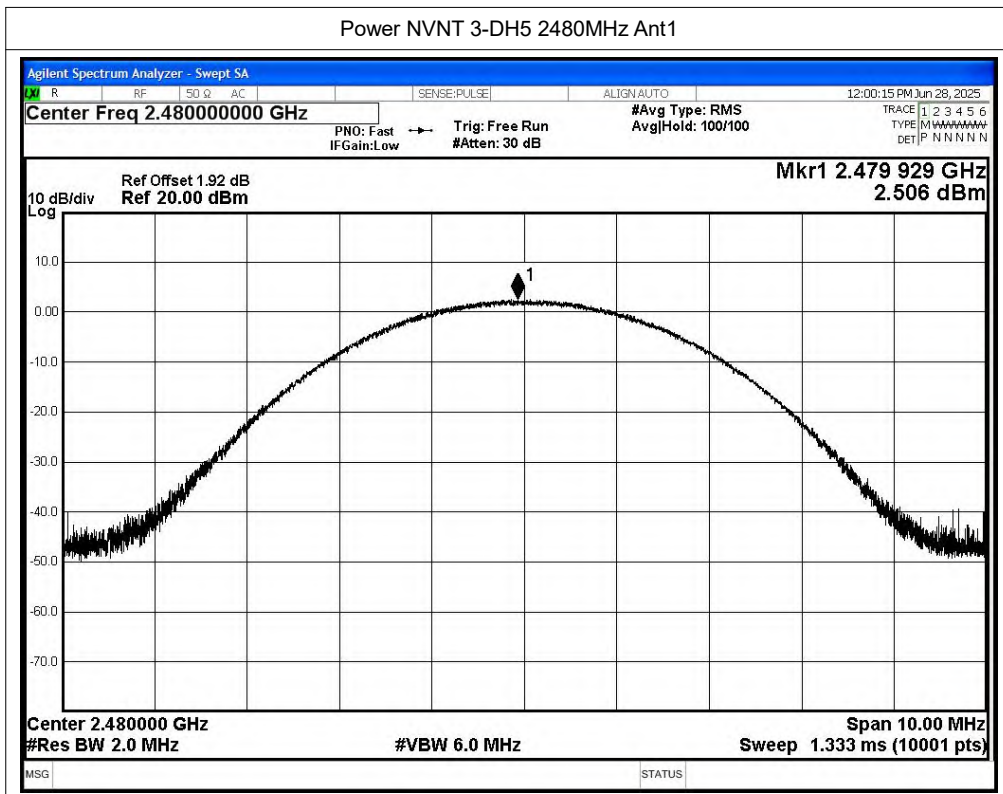
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.97	21	Pass
NVNT	1-DH5	2441	Ant1	1.71	21	Pass
NVNT	1-DH5	2480	Ant1	0.54	21	Pass
NVNT	2-DH5	2402	Ant1	0.77	21	Pass
NVNT	2-DH5	2441	Ant1	3.47	21	Pass
NVNT	2-DH5	2480	Ant1	2.32	21	Pass
NVNT	3-DH5	2402	Ant1	1.16	21	Pass
NVNT	3-DH5	2441	Ant1	3.68	21	Pass
NVNT	3-DH5	2480	Ant1	2.51	21	Pass





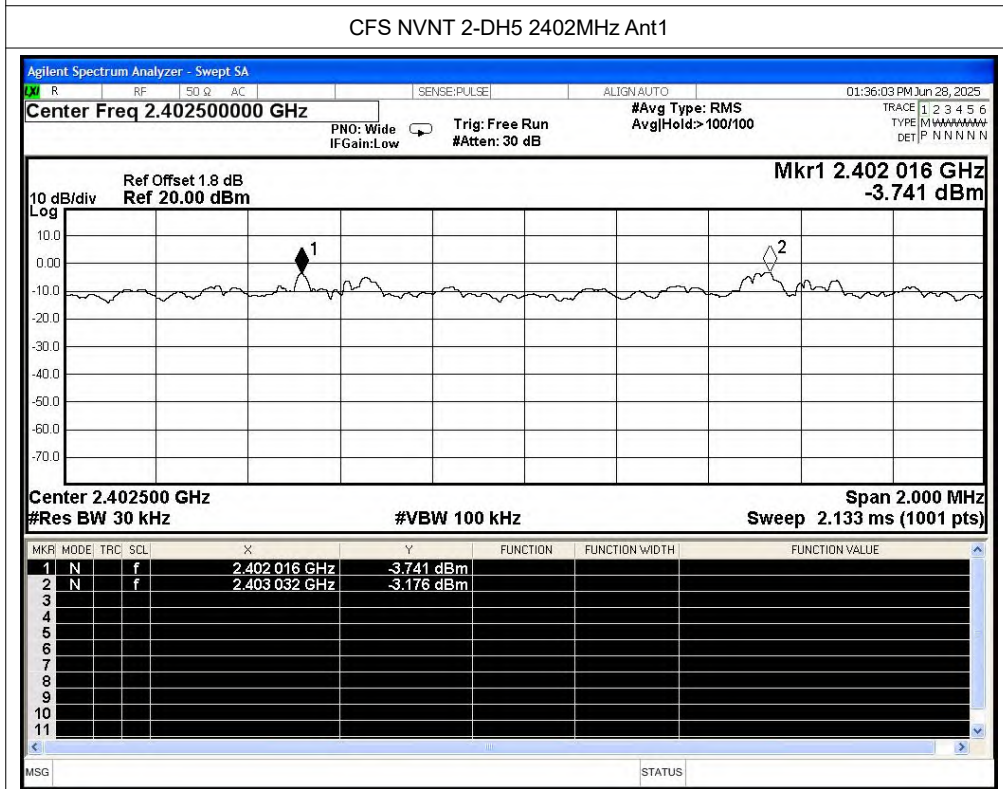
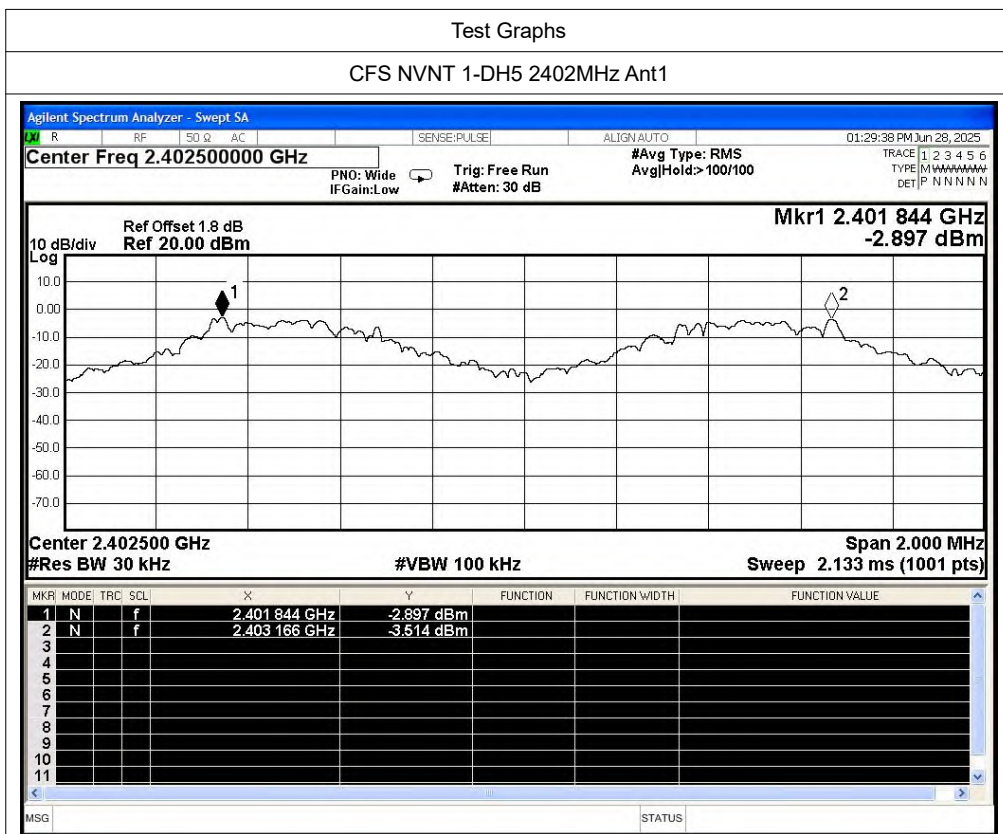


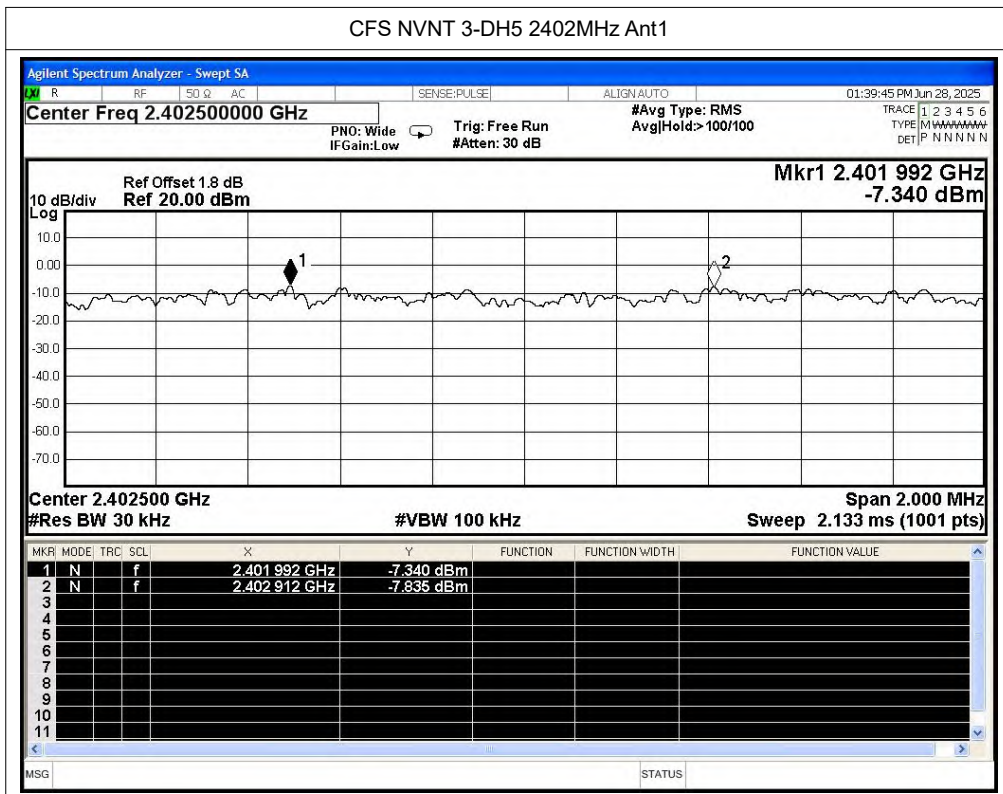




A.3 Carrier Frequencies Separation

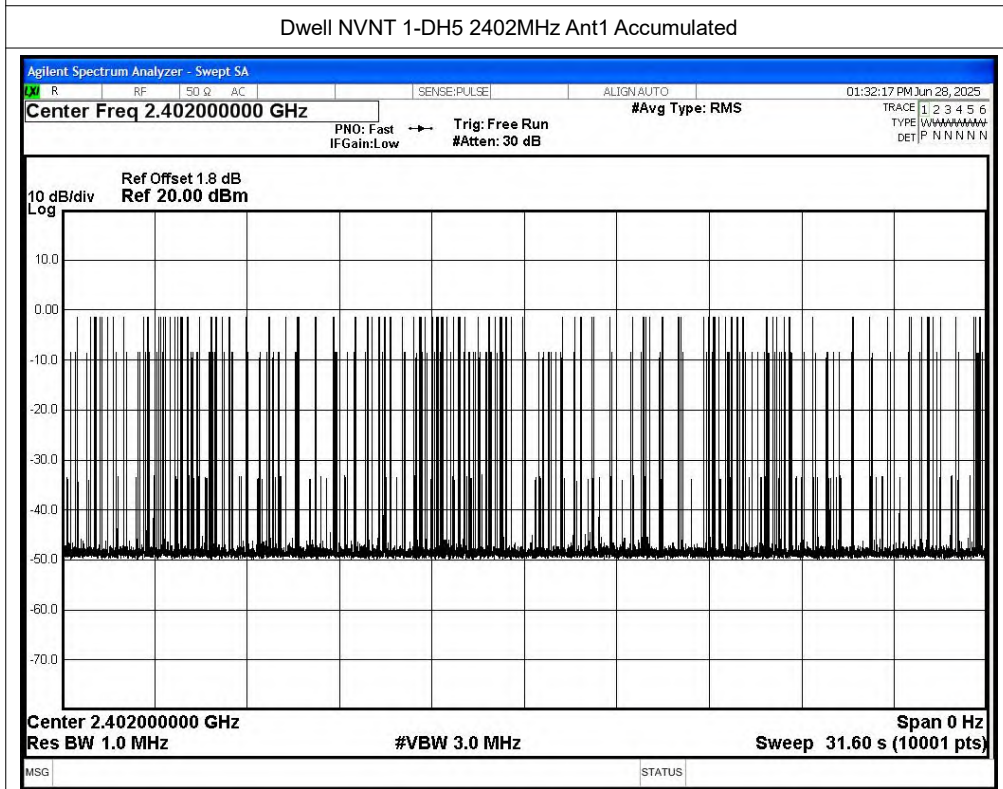
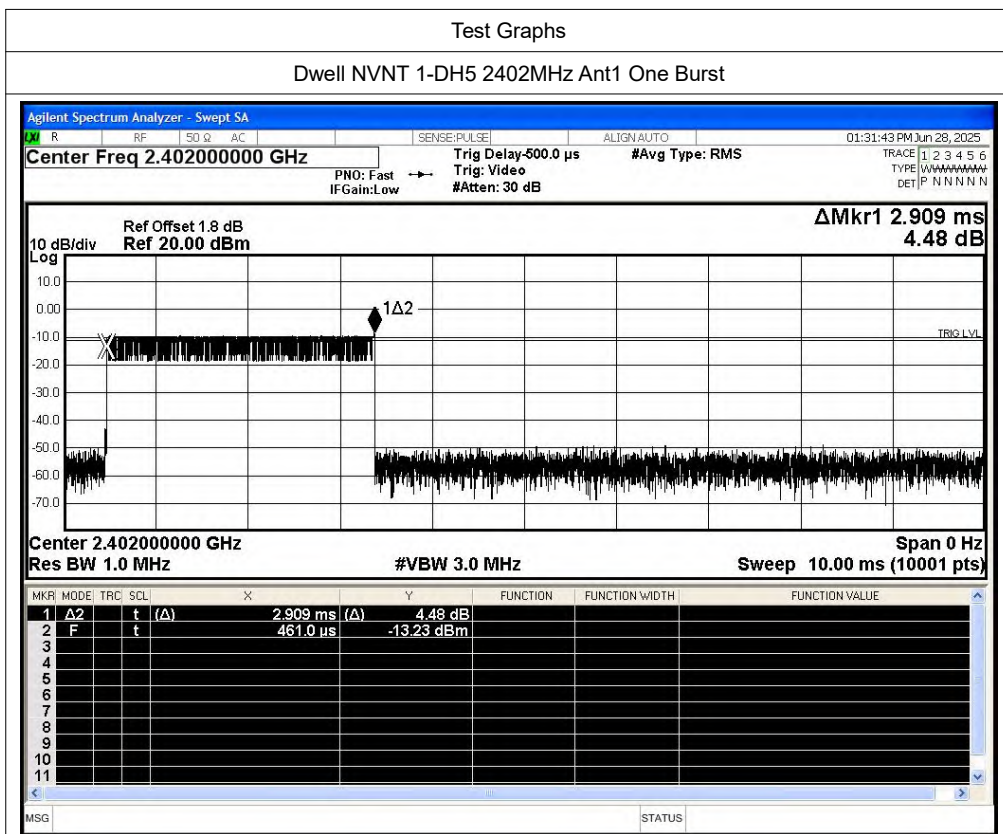
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.844	2403.166	1.322	0.674	Pass
NVNT	2-DH5	Ant1	2402.016	2403.032	1.016	0.857	Pass
NVNT	3-DH5	Ant1	2401.992	2402.912	0.92	0.874	Pass

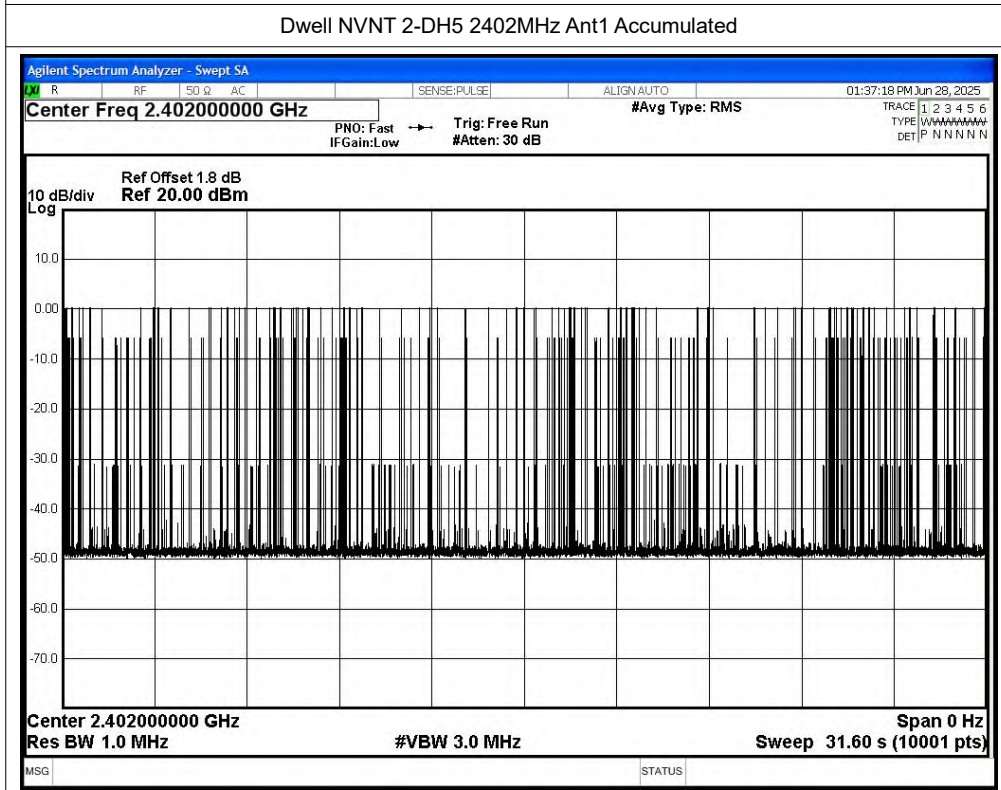
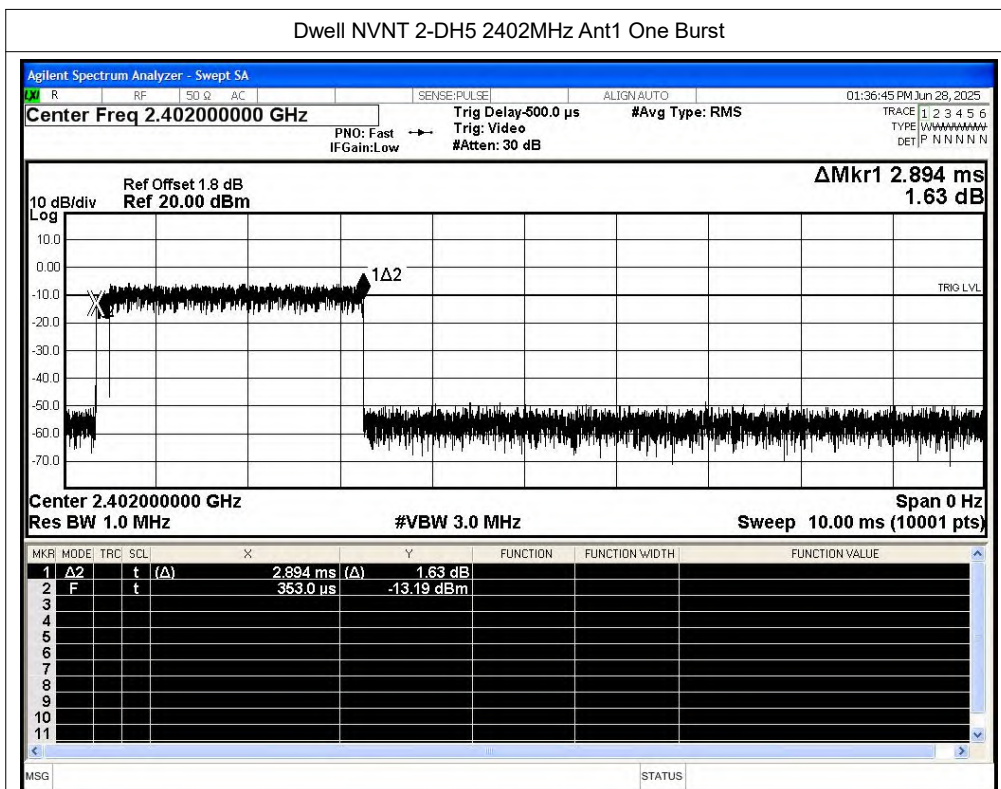


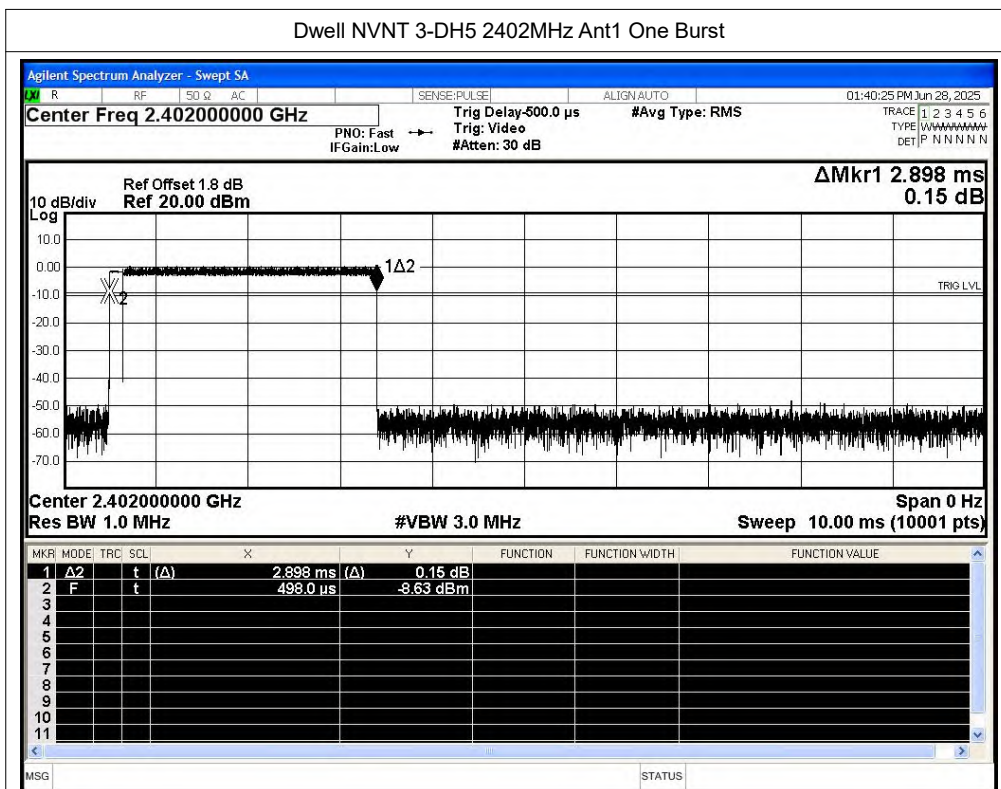


A.4 Dwell Time

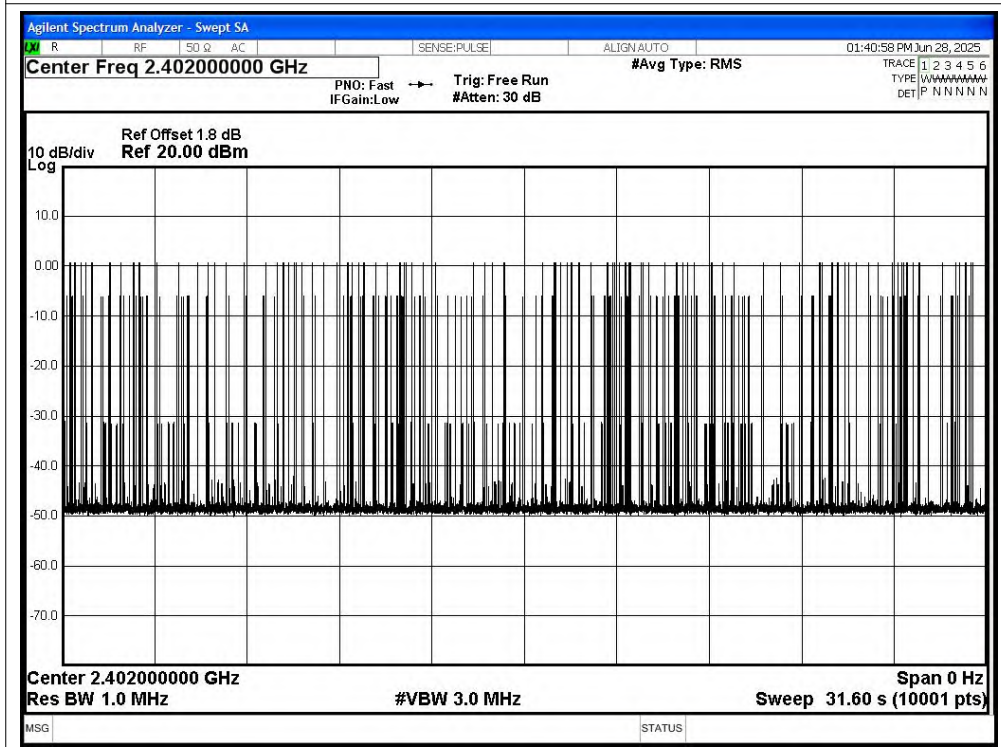
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.909	354.898	122	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.894	321.234	111	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.898	324.576	112	31600	400	Pass





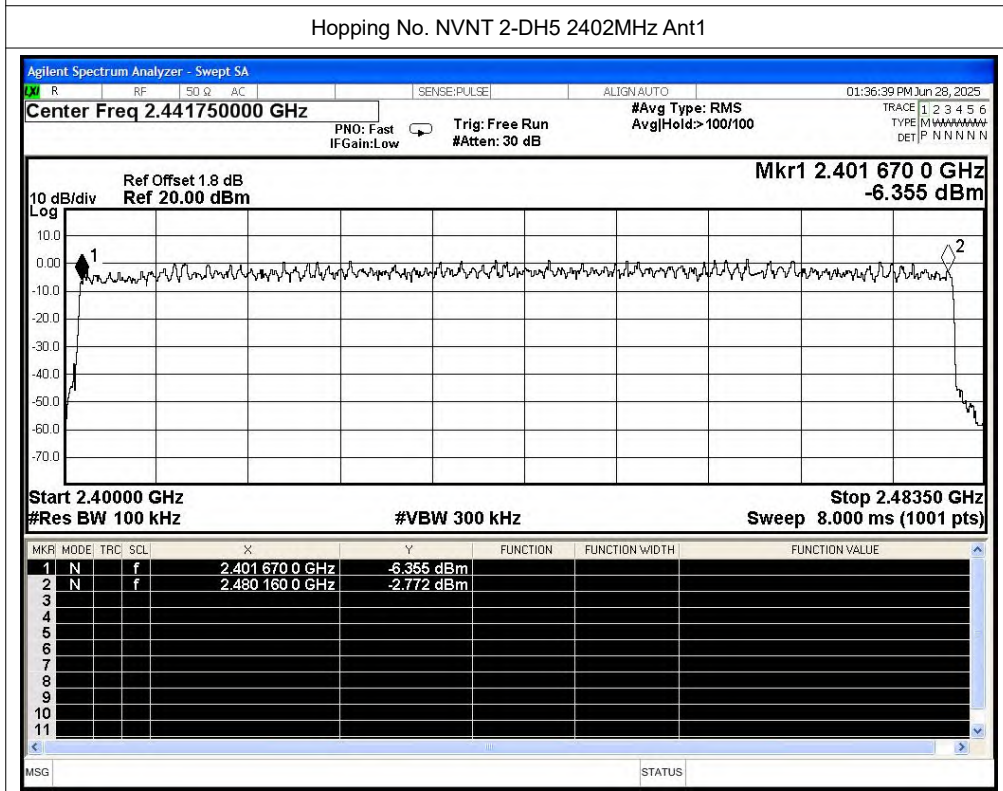
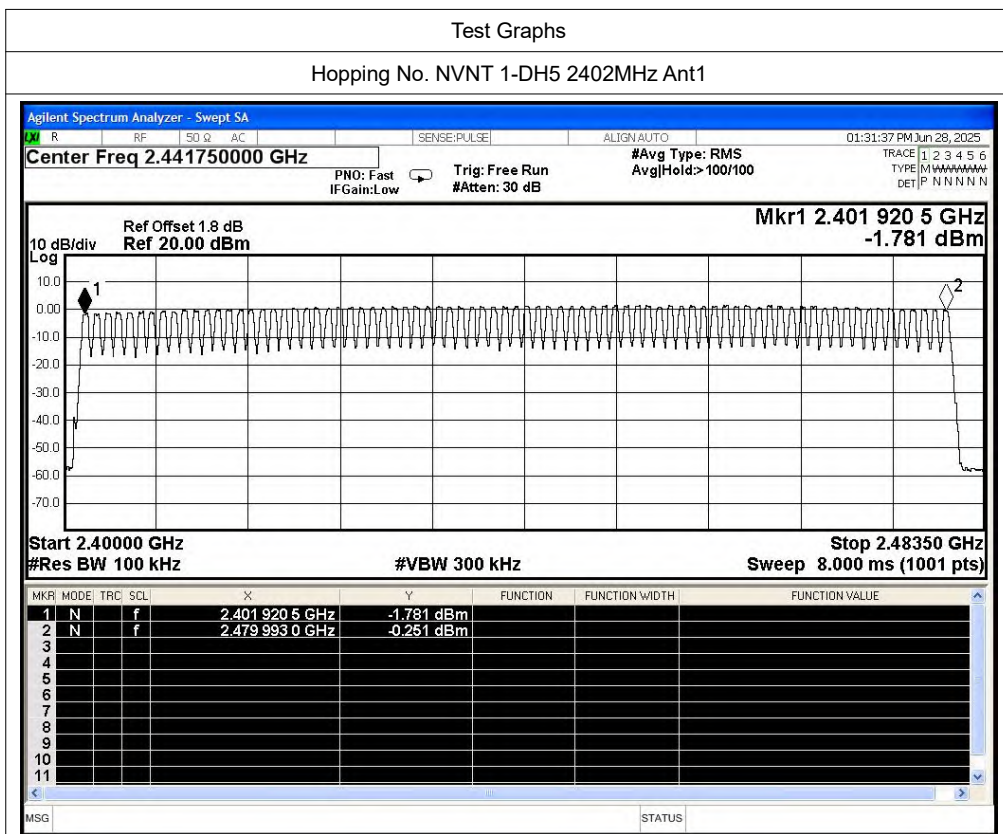


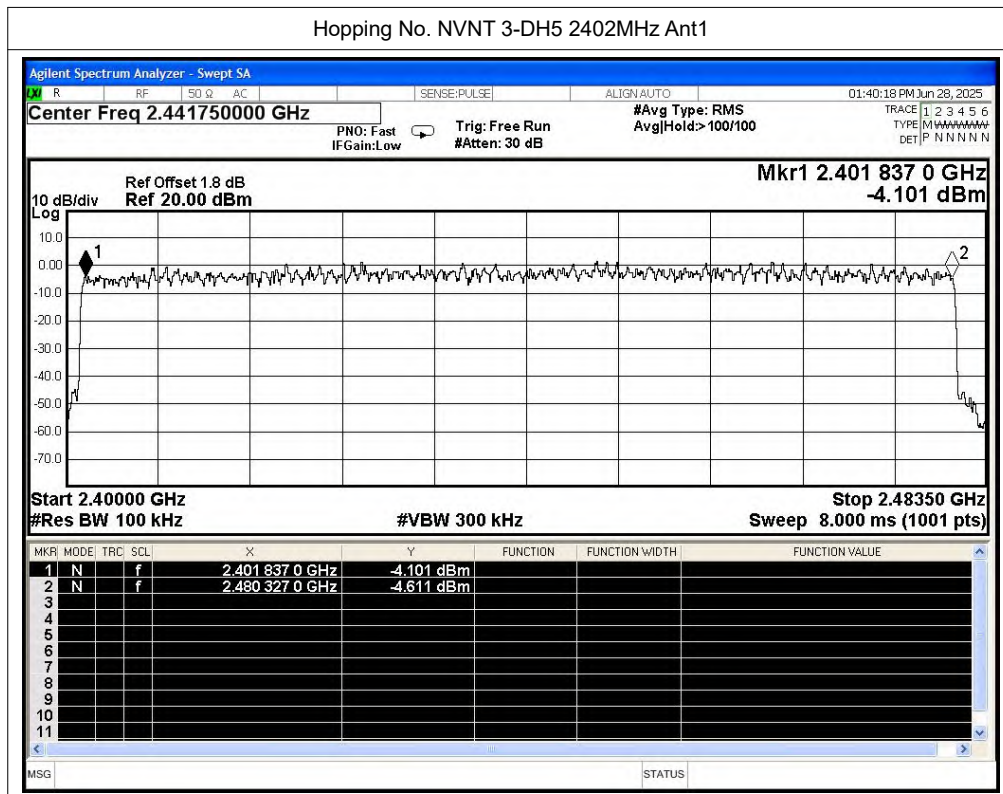
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



A.5 Number of Hopping Channel

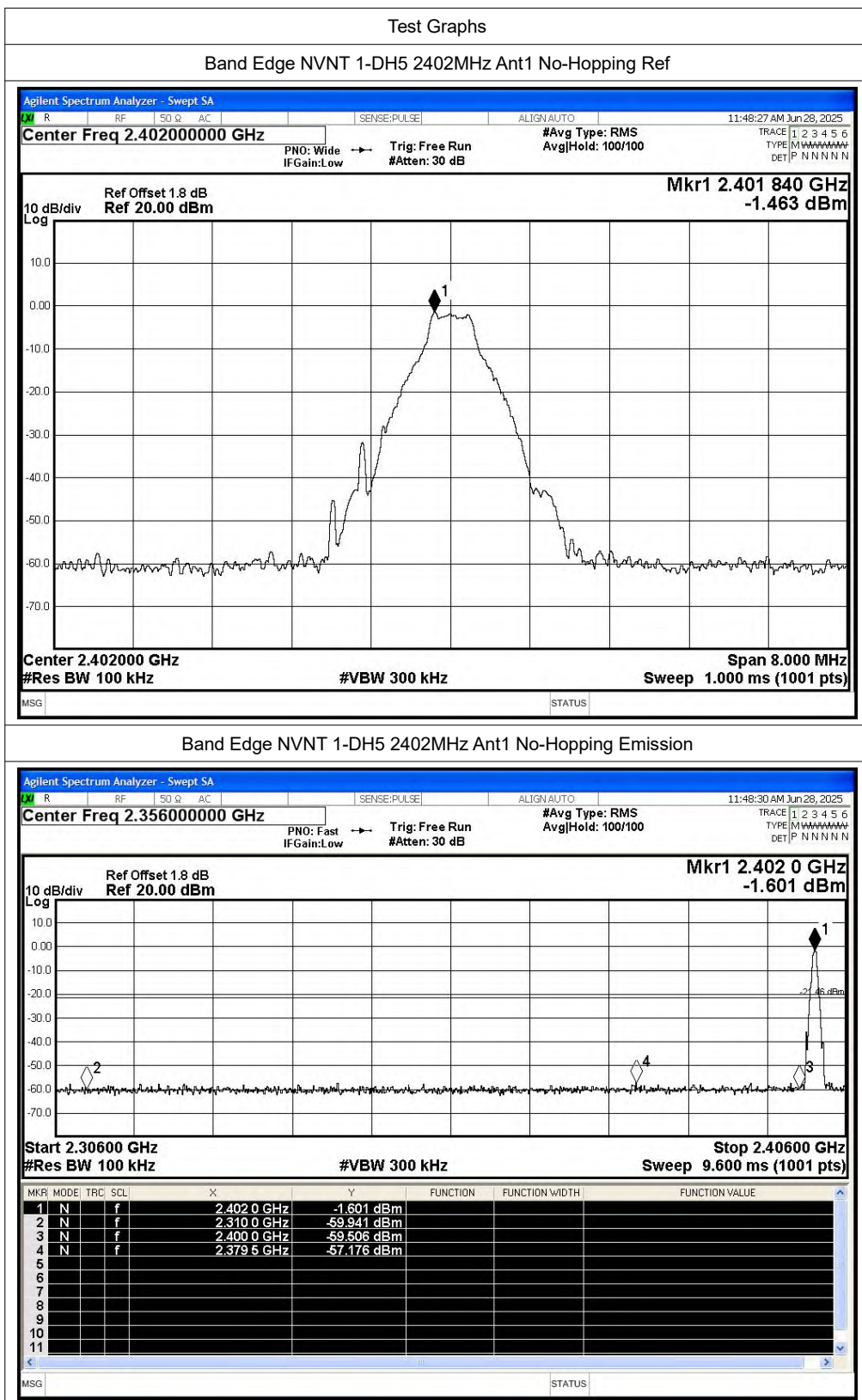
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass





A.6 Band Edge

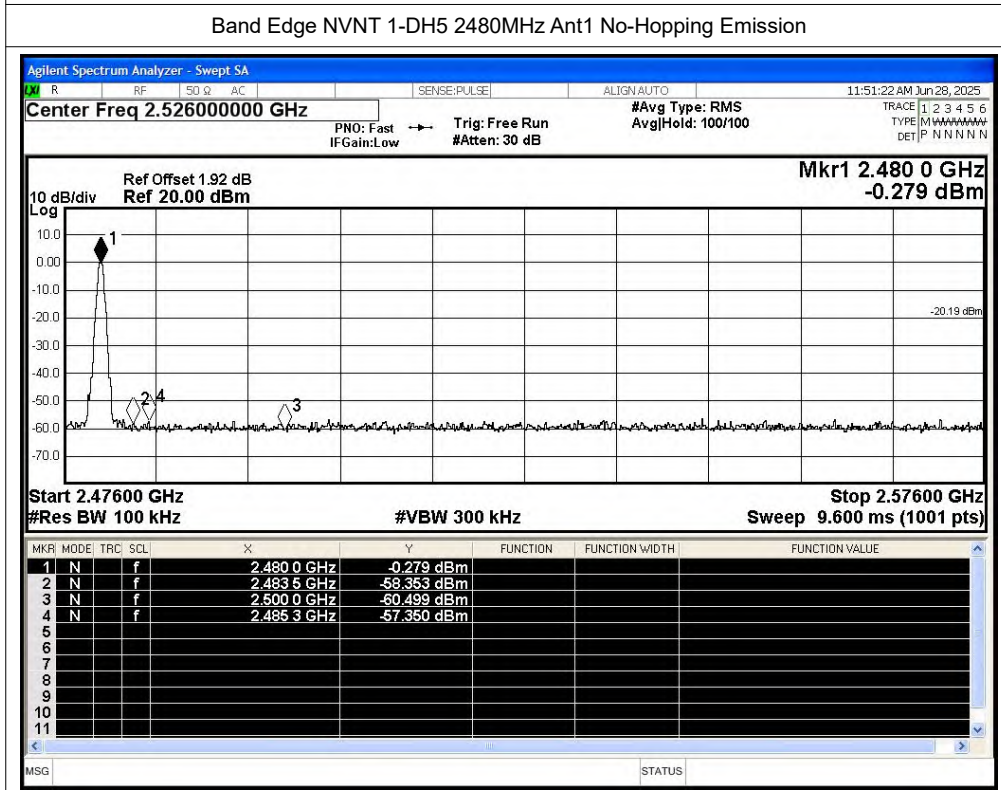
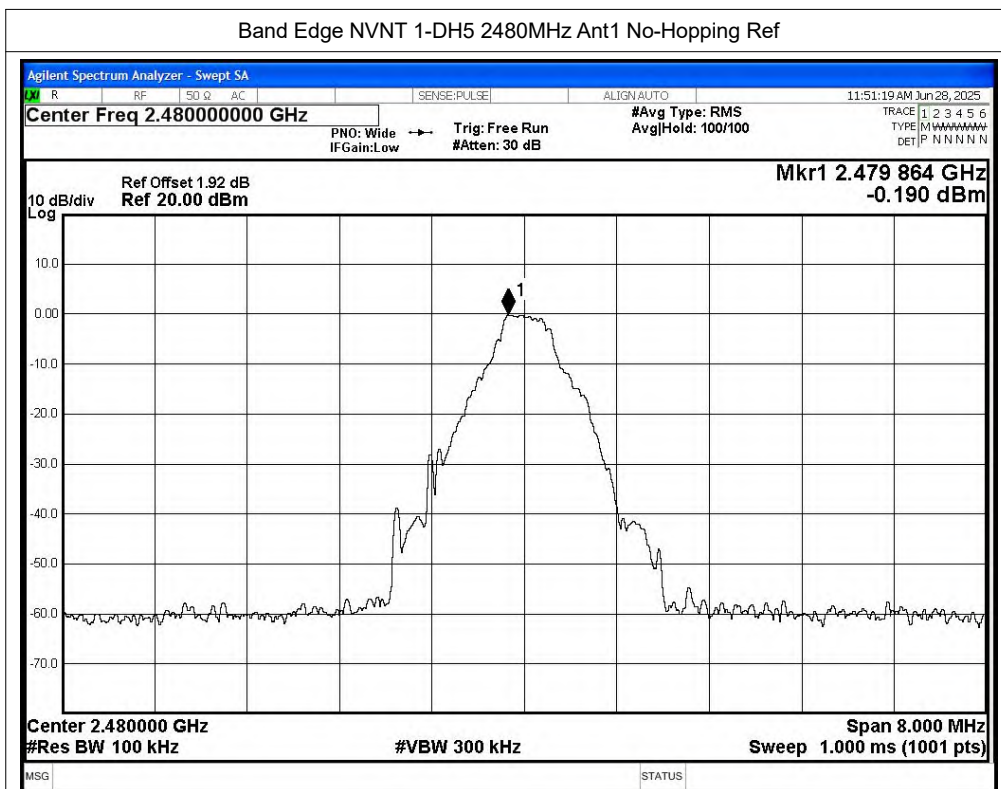
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.71	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.16	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-50.93	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.65	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-49.64	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.86	-20	Pass

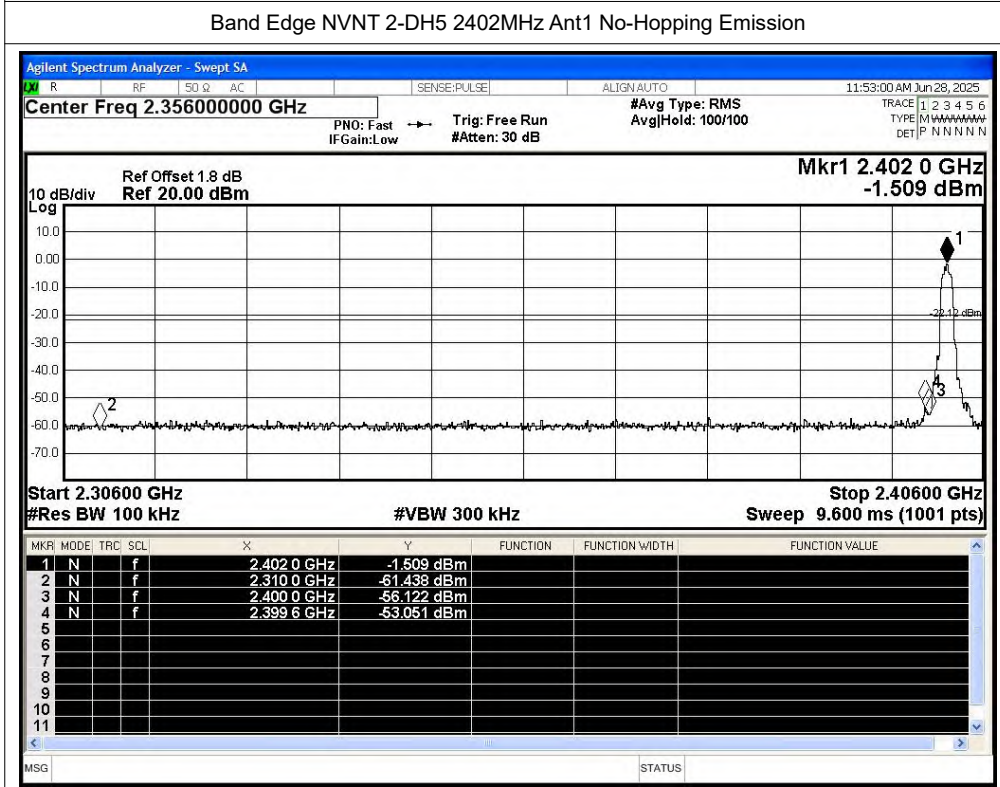
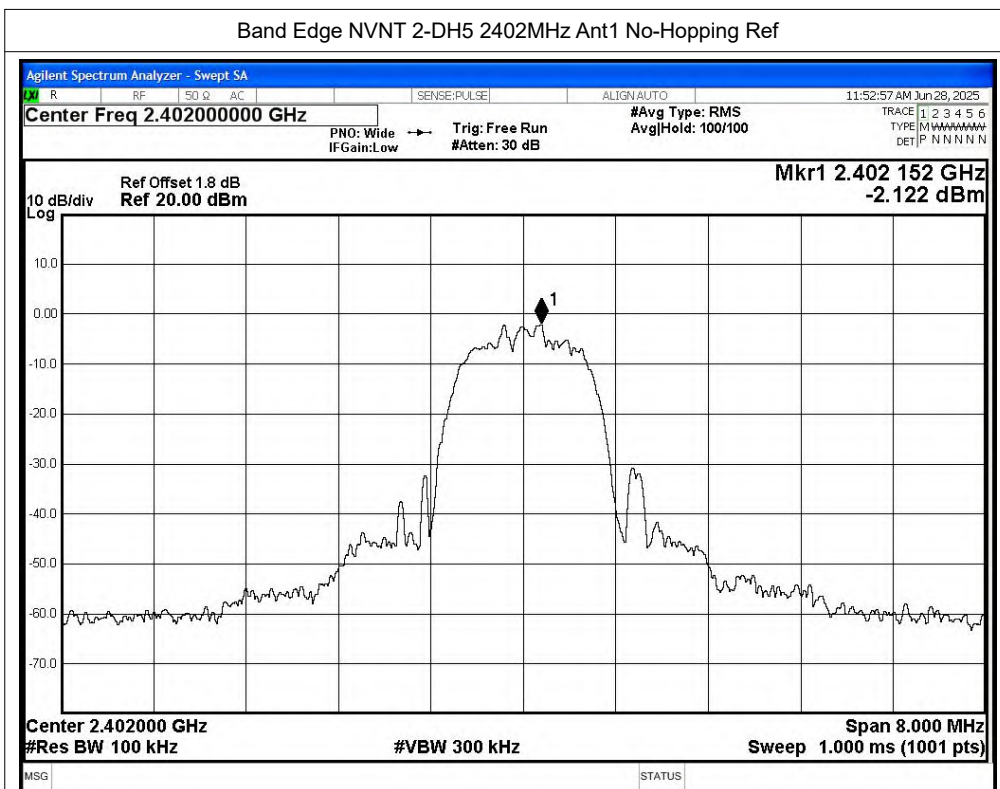


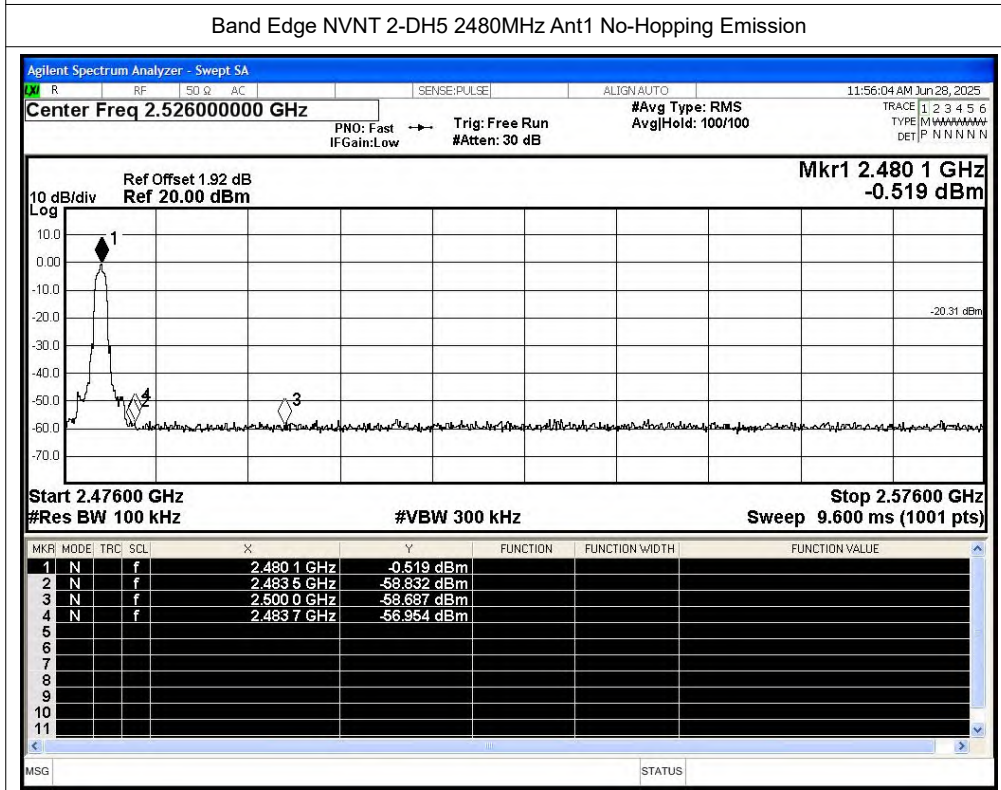
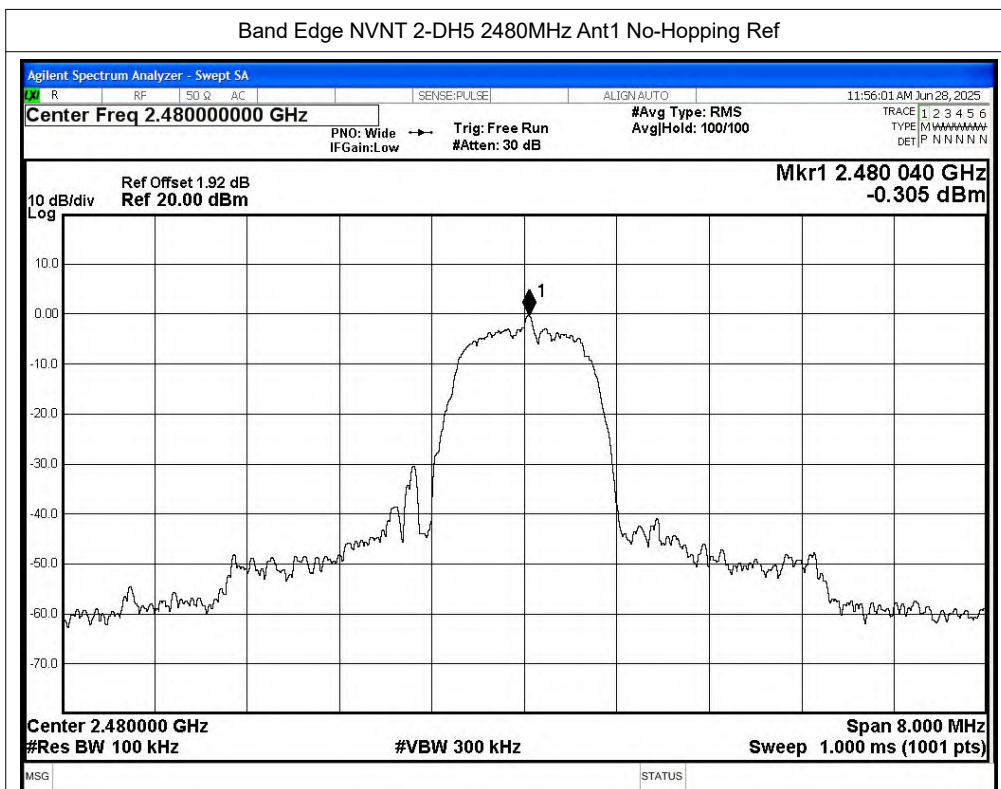
Guangzhou LCS Compliance Testing Laboratory Ltd.

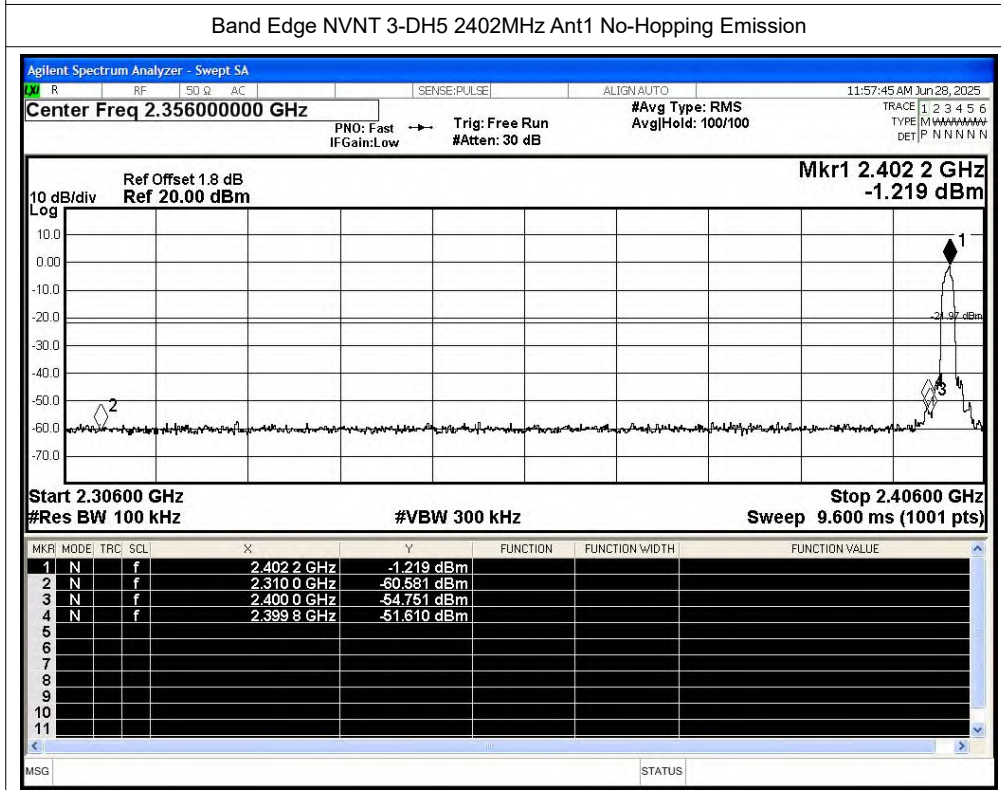
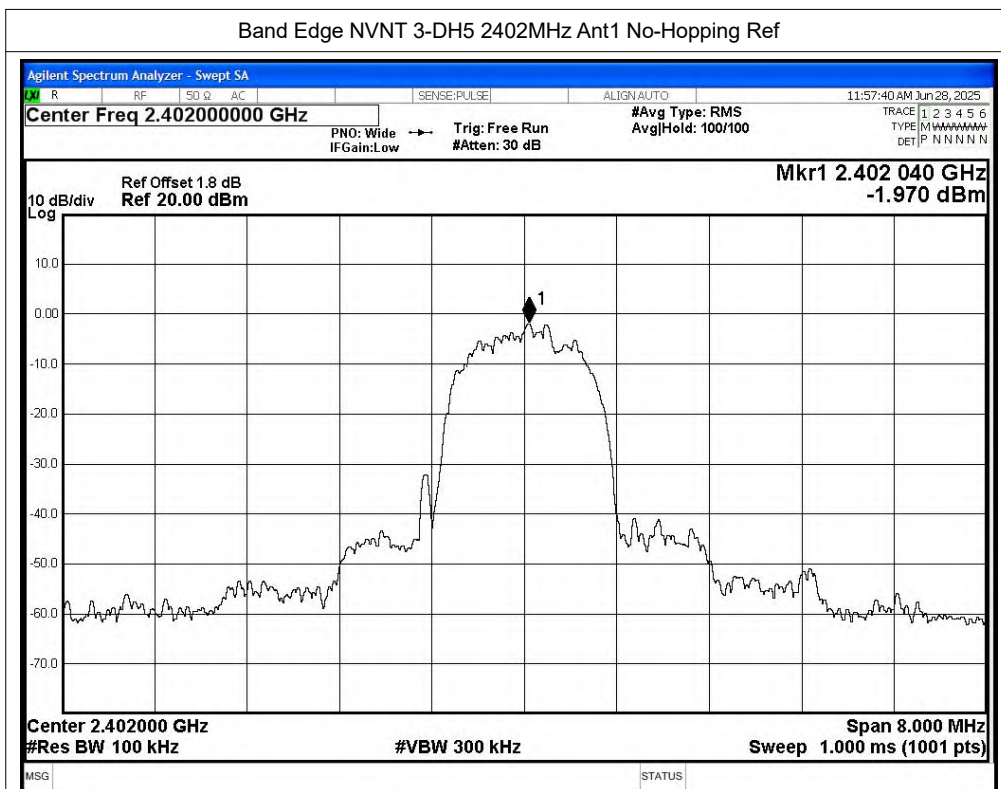
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com





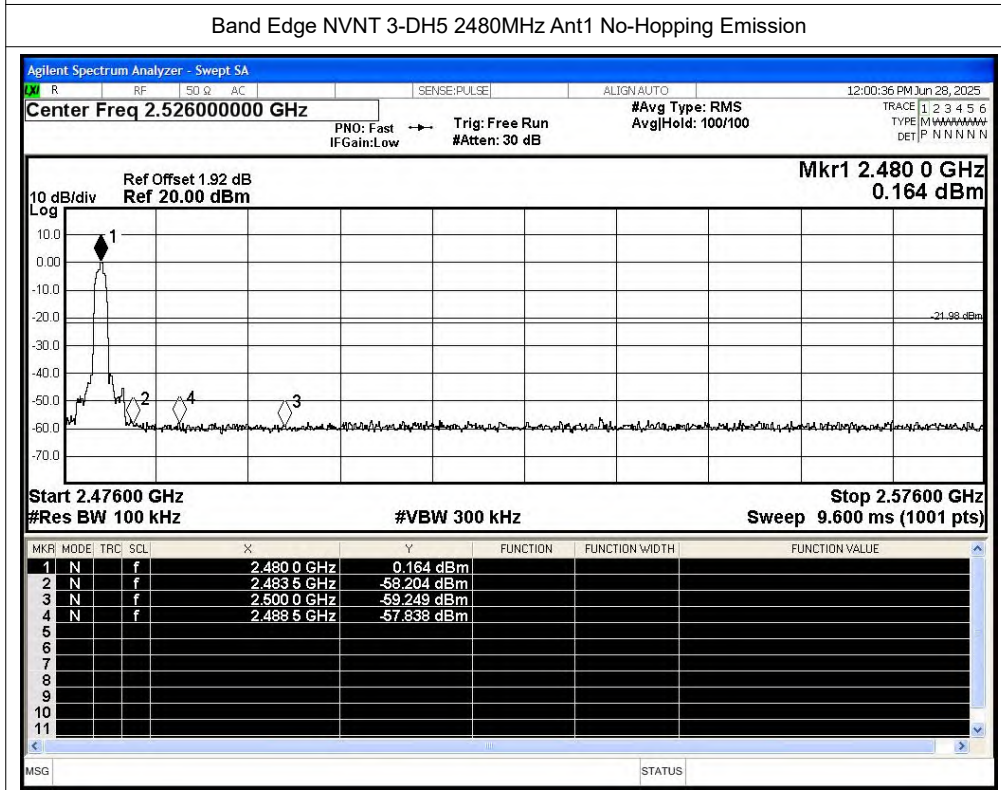
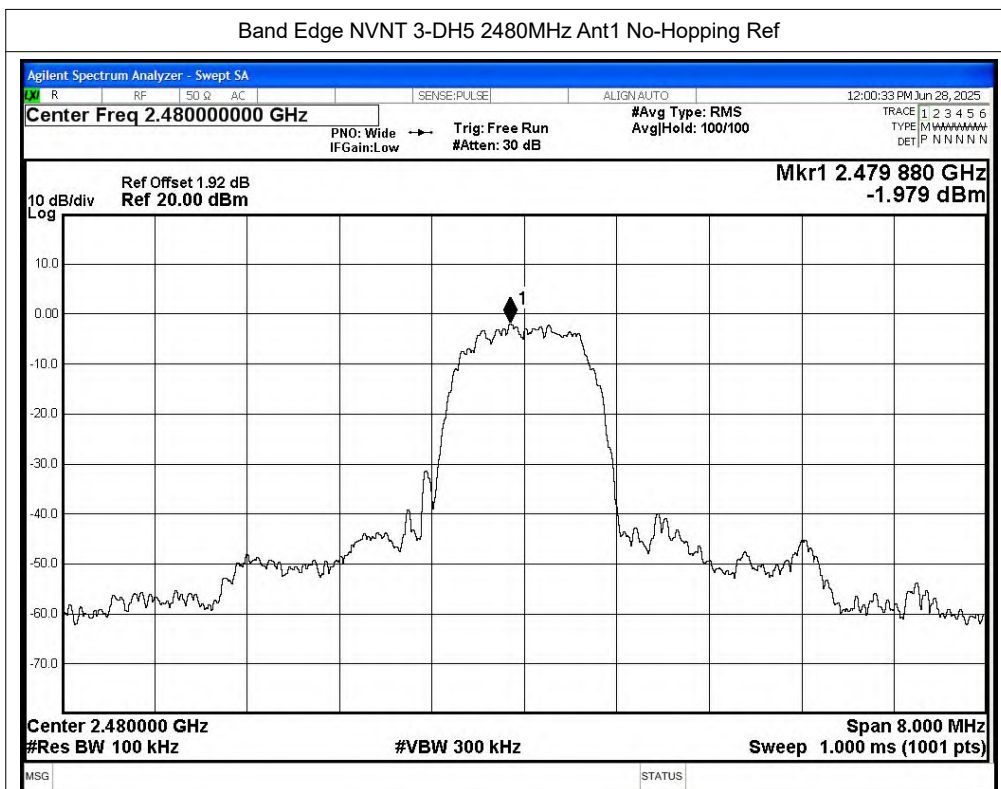




Guangzhou LCS Compliance Testing Laboratory Ltd.

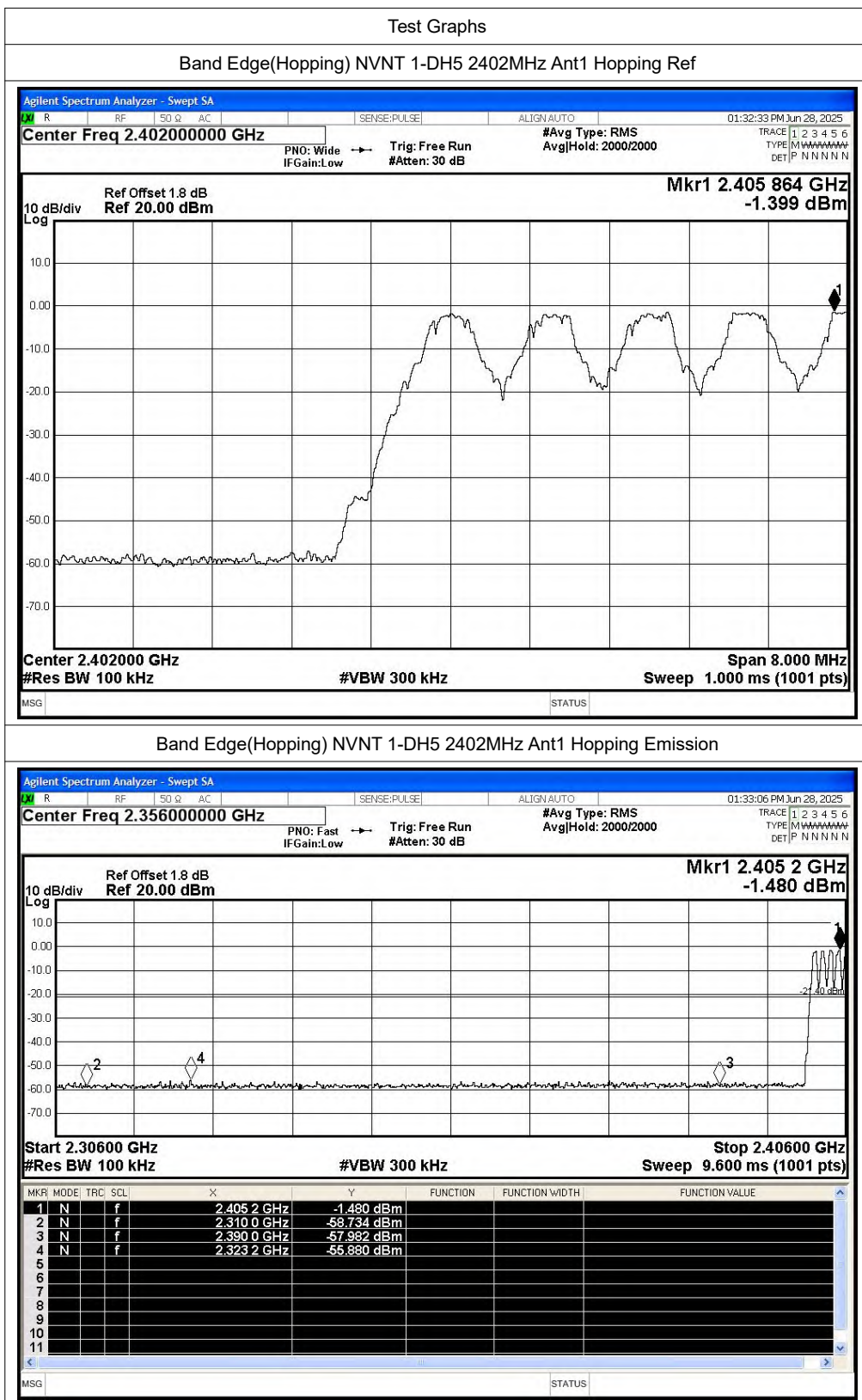
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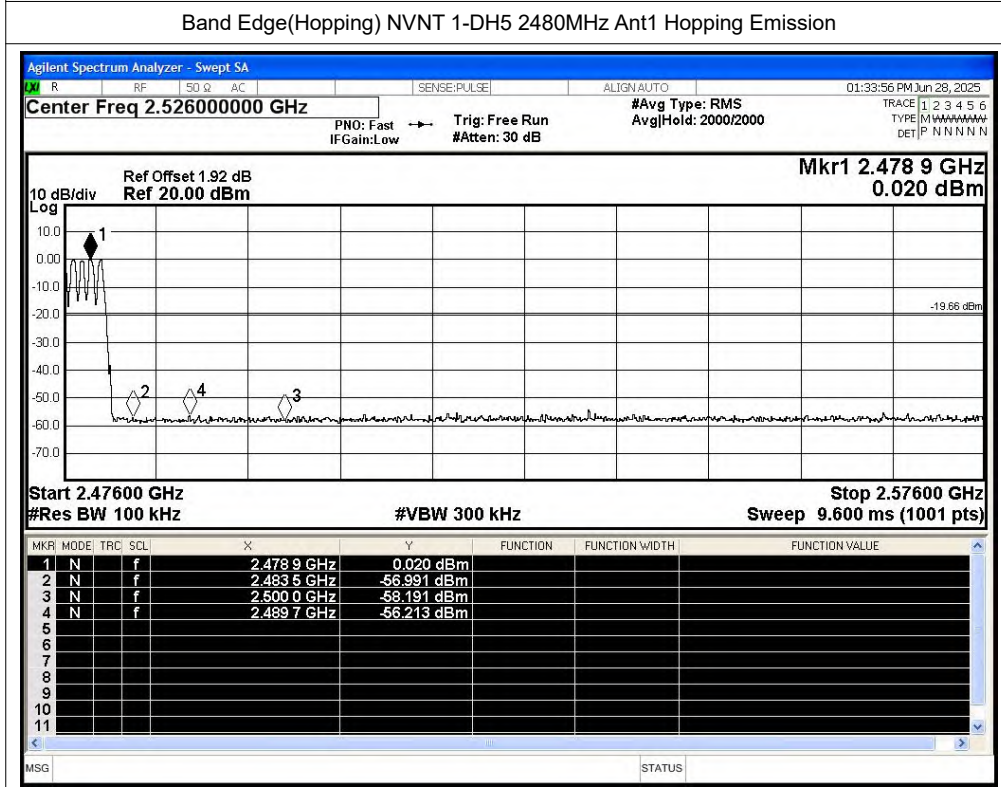
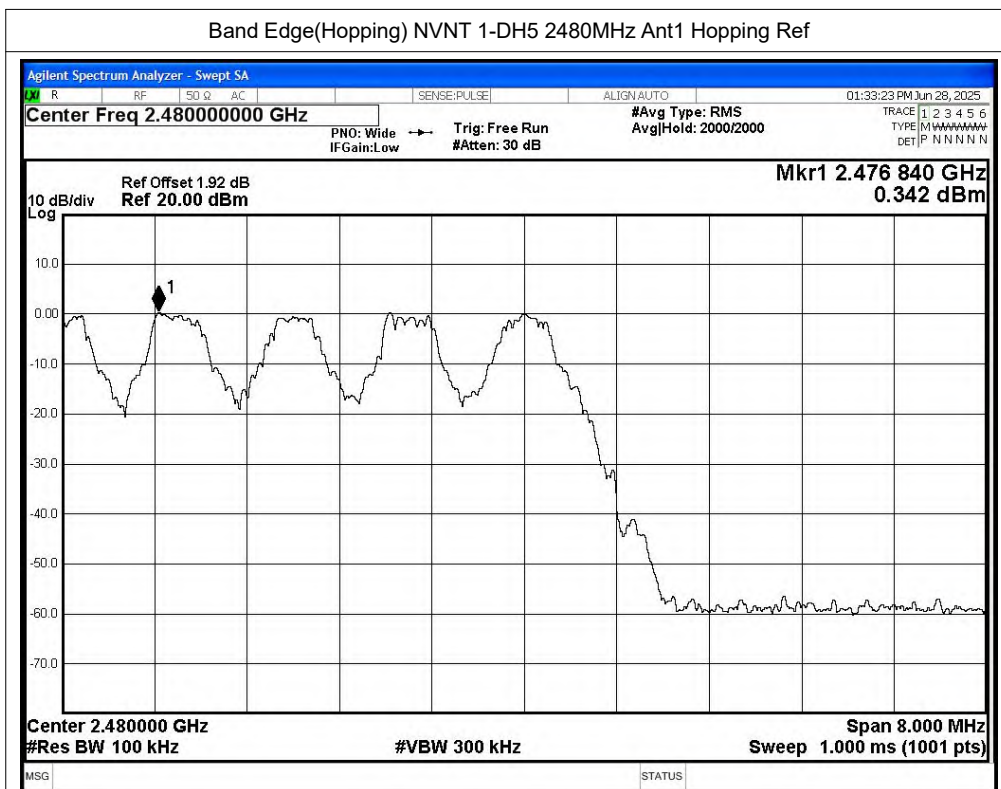
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

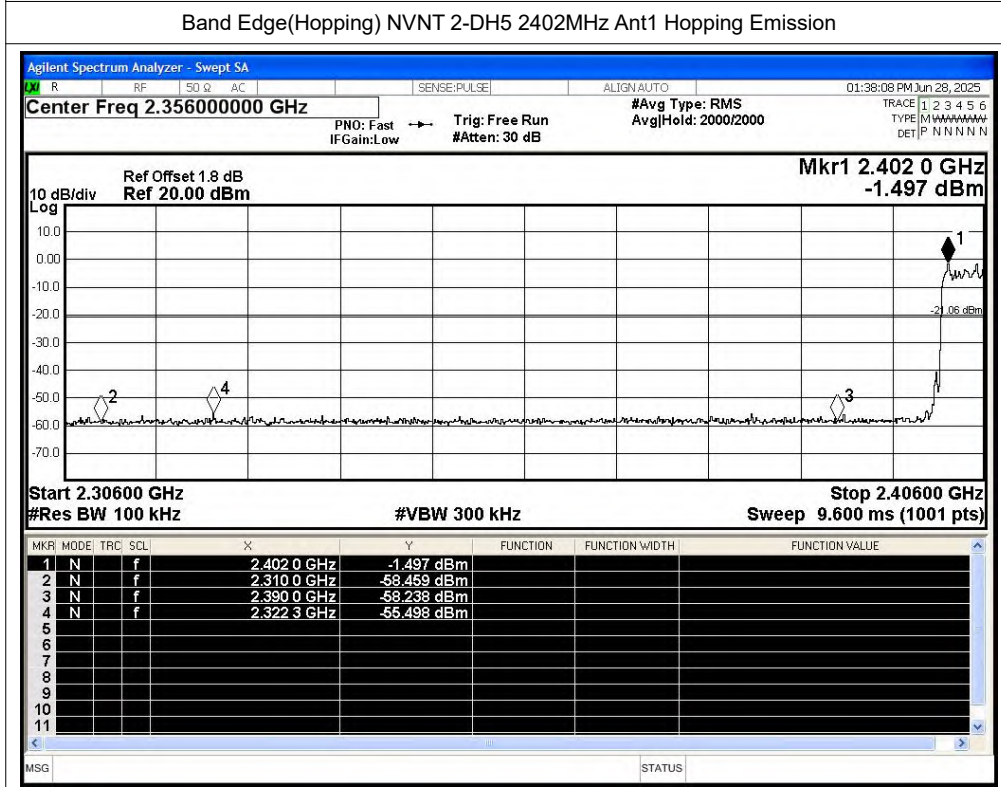
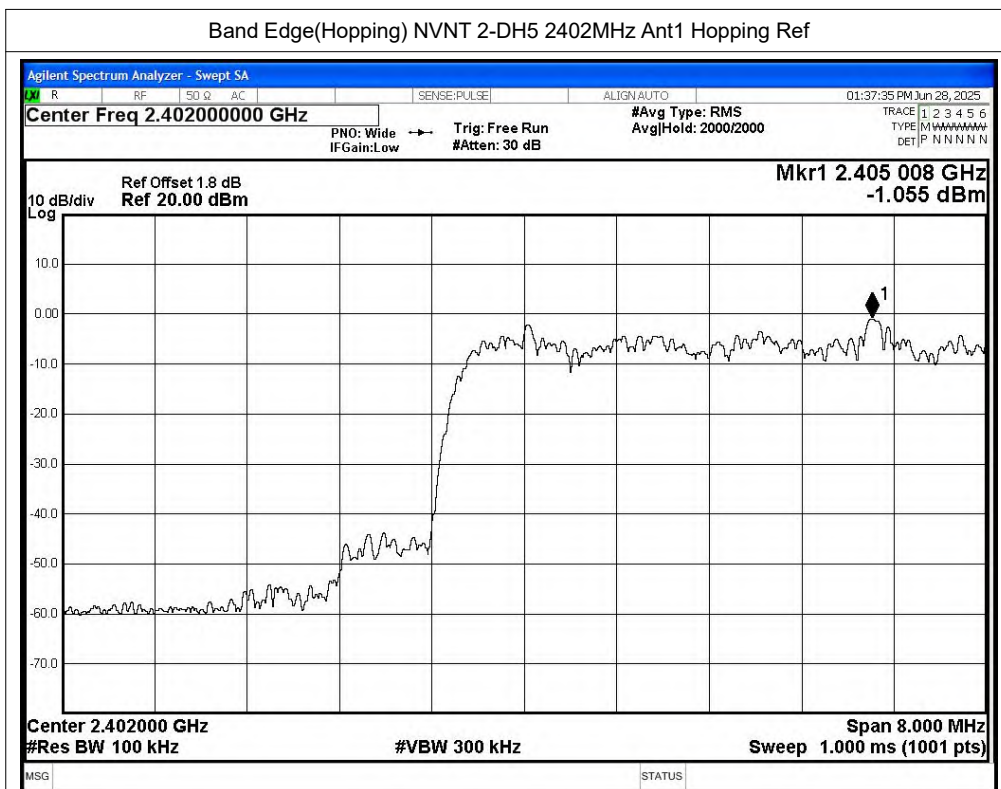


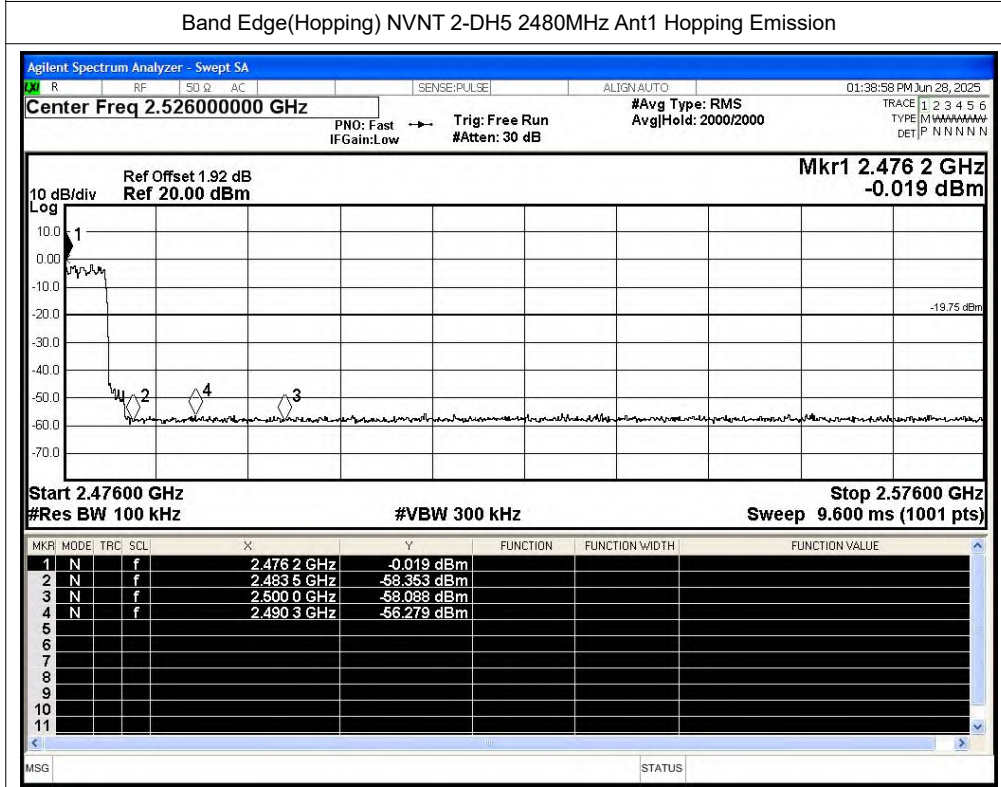
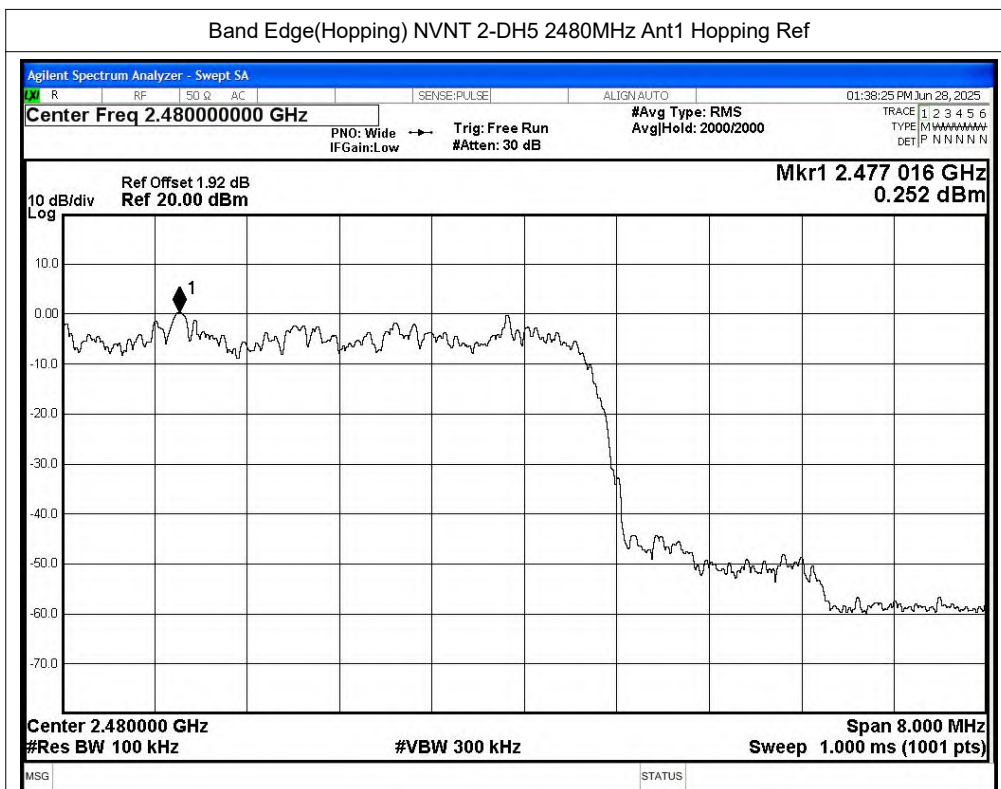
(Hopping)

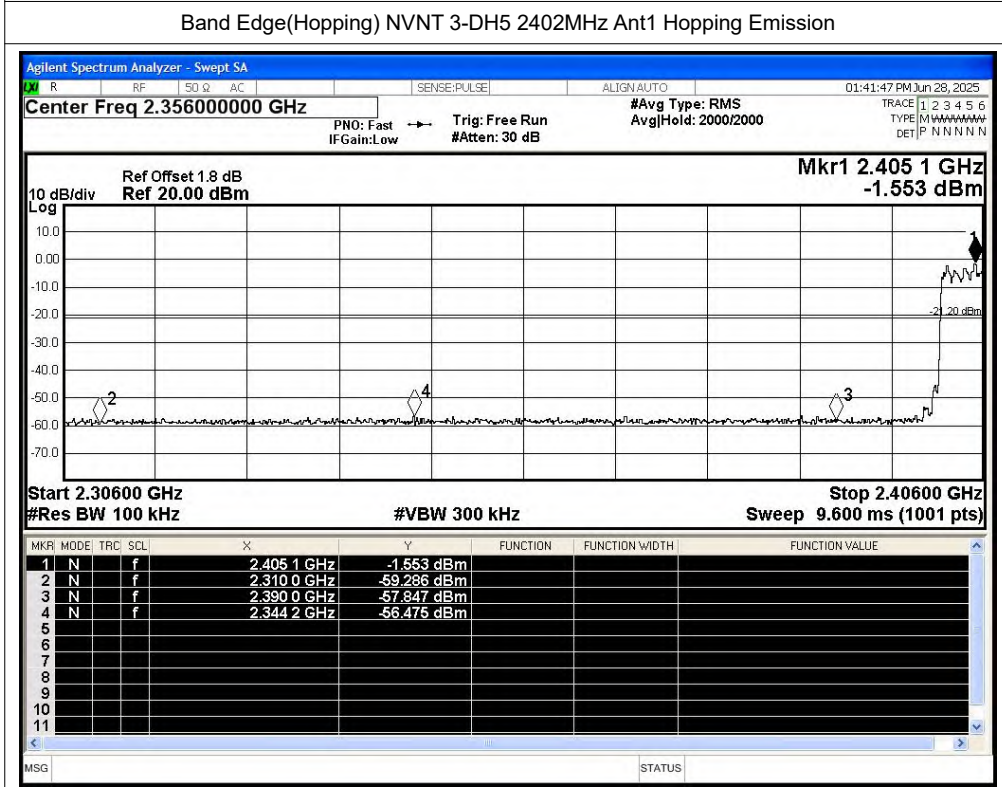
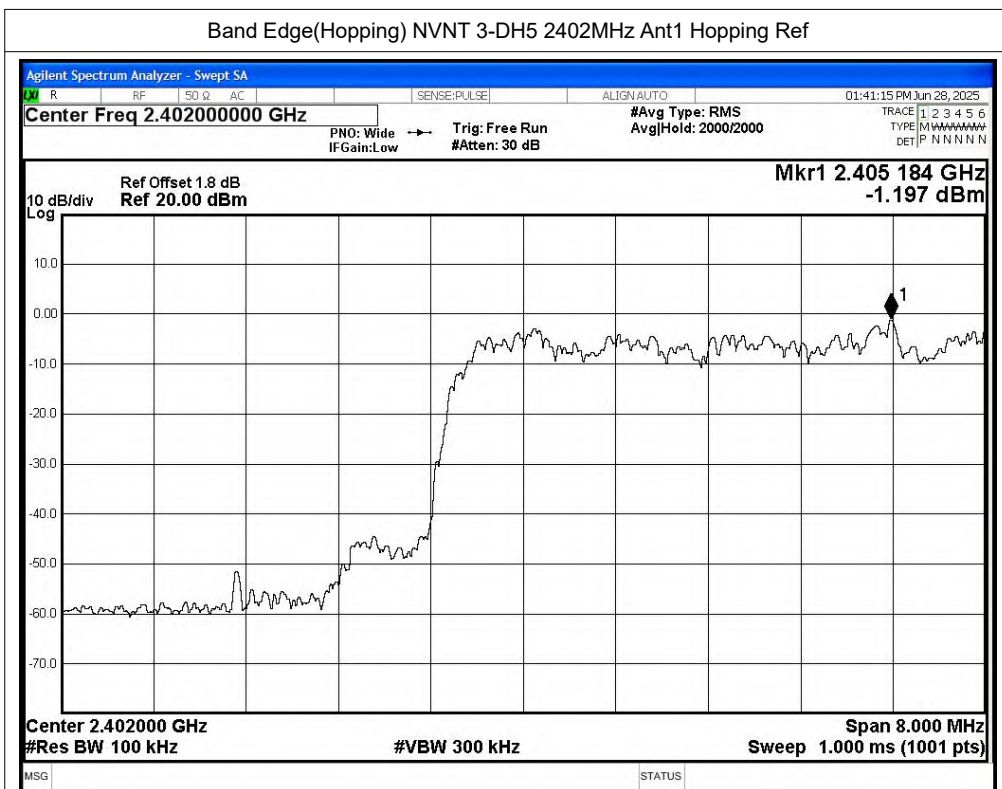
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-54.48	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-56.56	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-54.44	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-56.53	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-55.28	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-55.98	-20	Pass

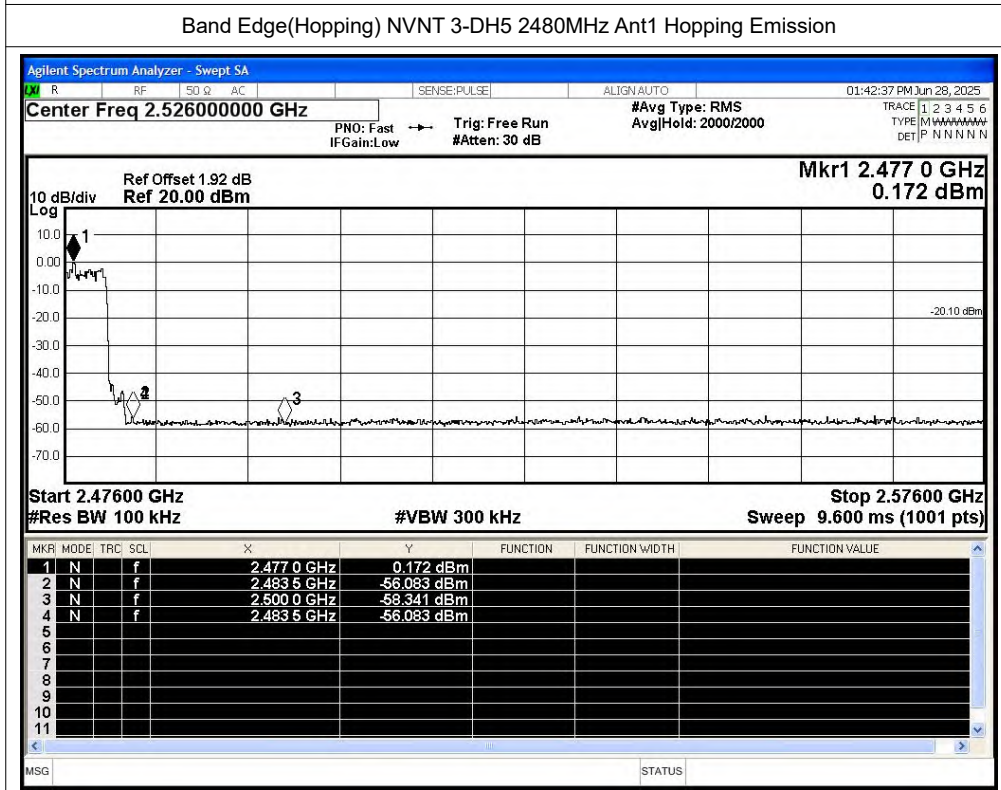
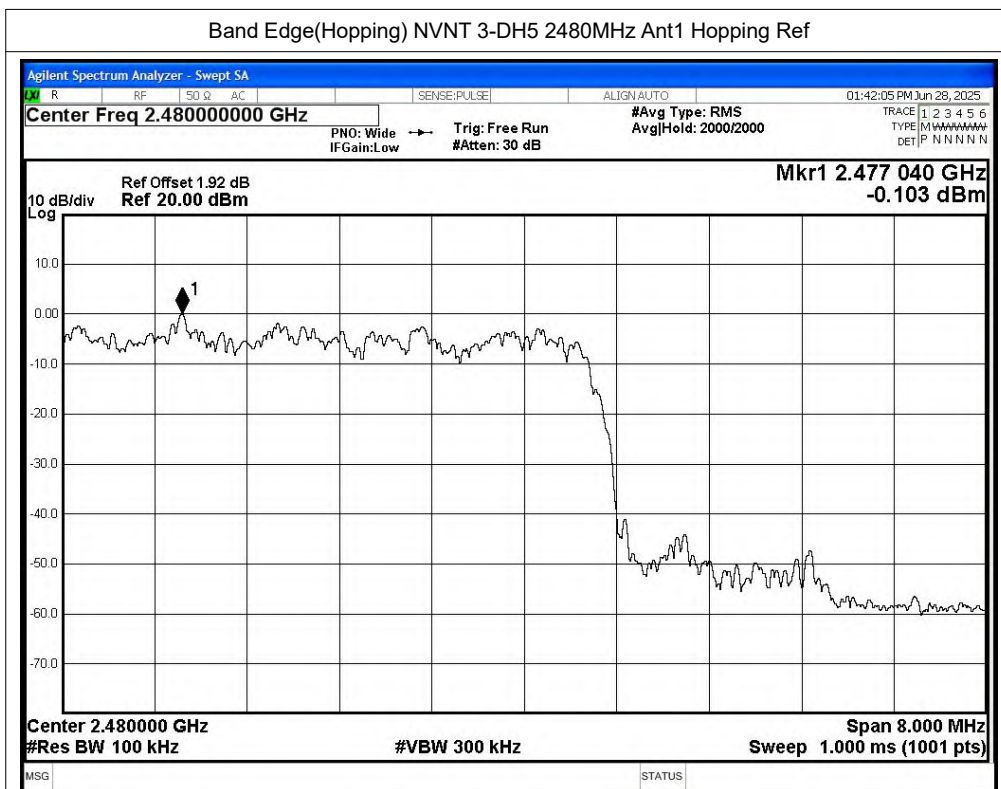












A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-52.49	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.71	-20	Pass
NVNT	1-DH5	2480	Ant1	-43.2	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.73	-20	Pass
NVNT	2-DH5	2441	Ant1	-55.51	-20	Pass
NVNT	2-DH5	2480	Ant1	-55.92	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.26	-20	Pass
NVNT	3-DH5	2441	Ant1	-55.96	-20	Pass
NVNT	3-DH5	2480	Ant1	-54.04	-20	Pass

