

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

Portable Wireless Speaker

MODEL NUMBER: BTS13

Trademark: Tribit

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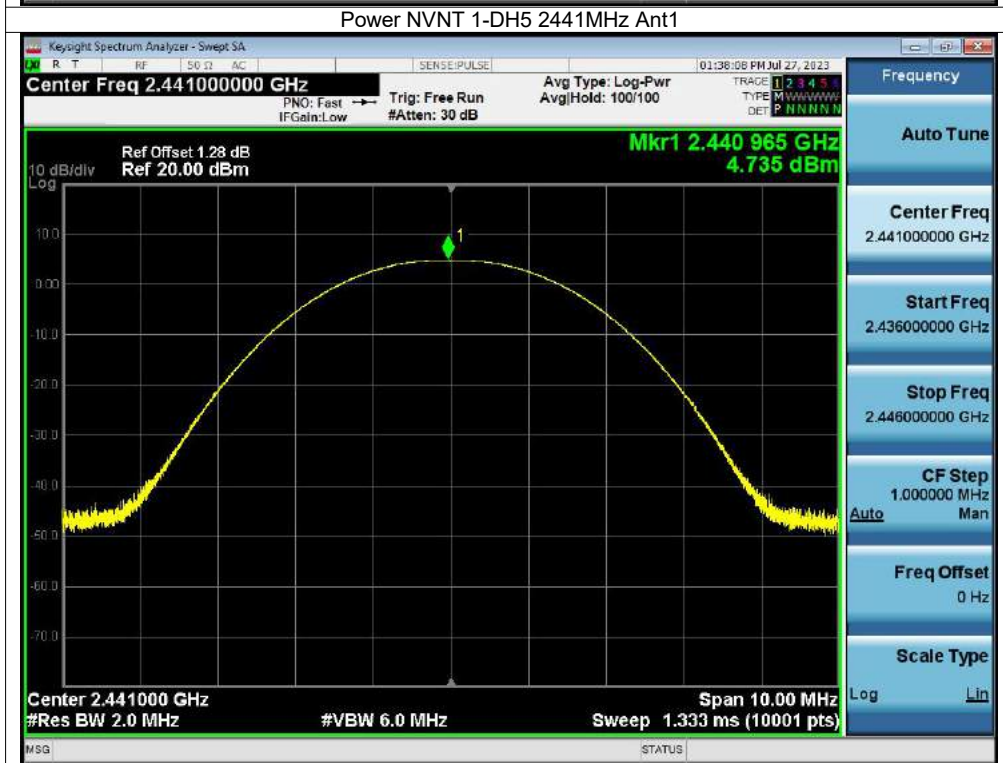
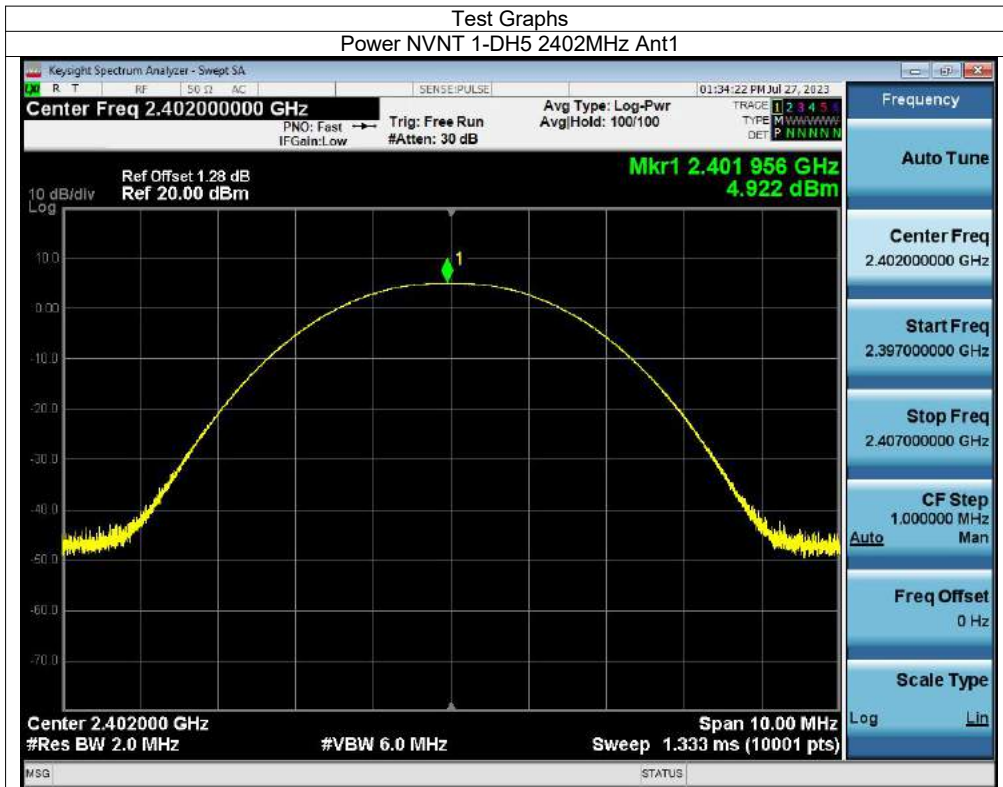
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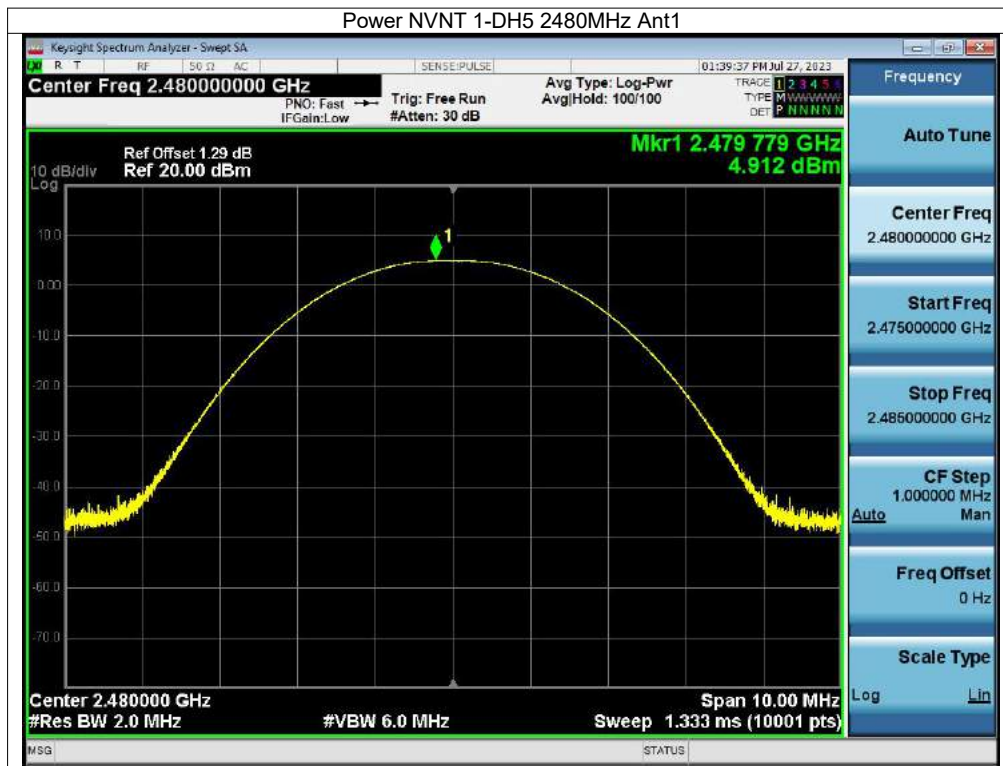
Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
<u>V0</u>	<u>August 18, 2023</u>	<u>Initial Issue</u>	<u>Poal Chen</u>

Appendix A Maximum Conducted Output Power

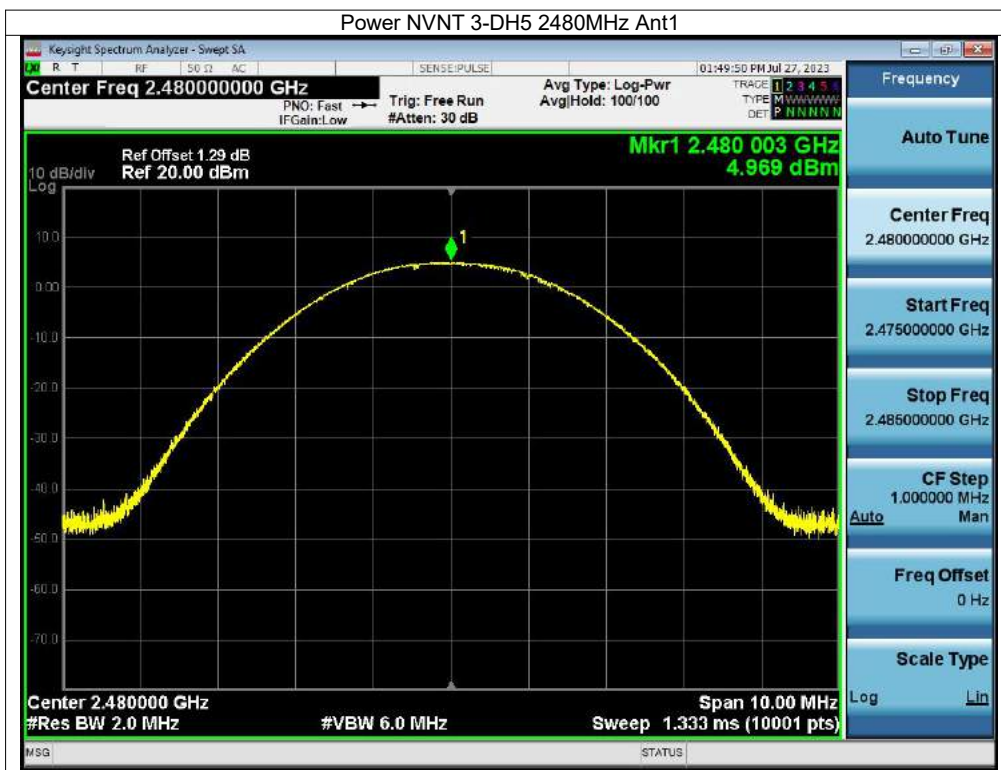
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	4.92	21	Pass
NVNT	1-DH5	2441	Ant1	4.74	21	Pass
NVNT	1-DH5	2480	Ant1	4.91	21	Pass
NVNT	2-DH5	2402	Ant1	4.87	21	Pass
NVNT	2-DH5	2441	Ant1	4.69	21	Pass
NVNT	2-DH5	2480	Ant1	4.88	21	Pass
NVNT	3-DH5	2402	Ant1	4.97	21	Pass
NVNT	3-DH5	2441	Ant1	4.77	21	Pass
NVNT	3-DH5	2480	Ant1	4.97	21	Pass











Appendix B -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)
NVNT	1-DH5	2402	Ant1	0.934
NVNT	1-DH5	2441	Ant1	0.94
NVNT	1-DH5	2480	Ant1	0.959
NVNT	2-DH5	2402	Ant1	1.311
NVNT	2-DH5	2441	Ant1	1.312
NVNT	2-DH5	2480	Ant1	1.252
NVNT	3-DH5	2402	Ant1	1.279
NVNT	3-DH5	2441	Ant1	1.233
NVNT	3-DH5	2480	Ant1	1.239





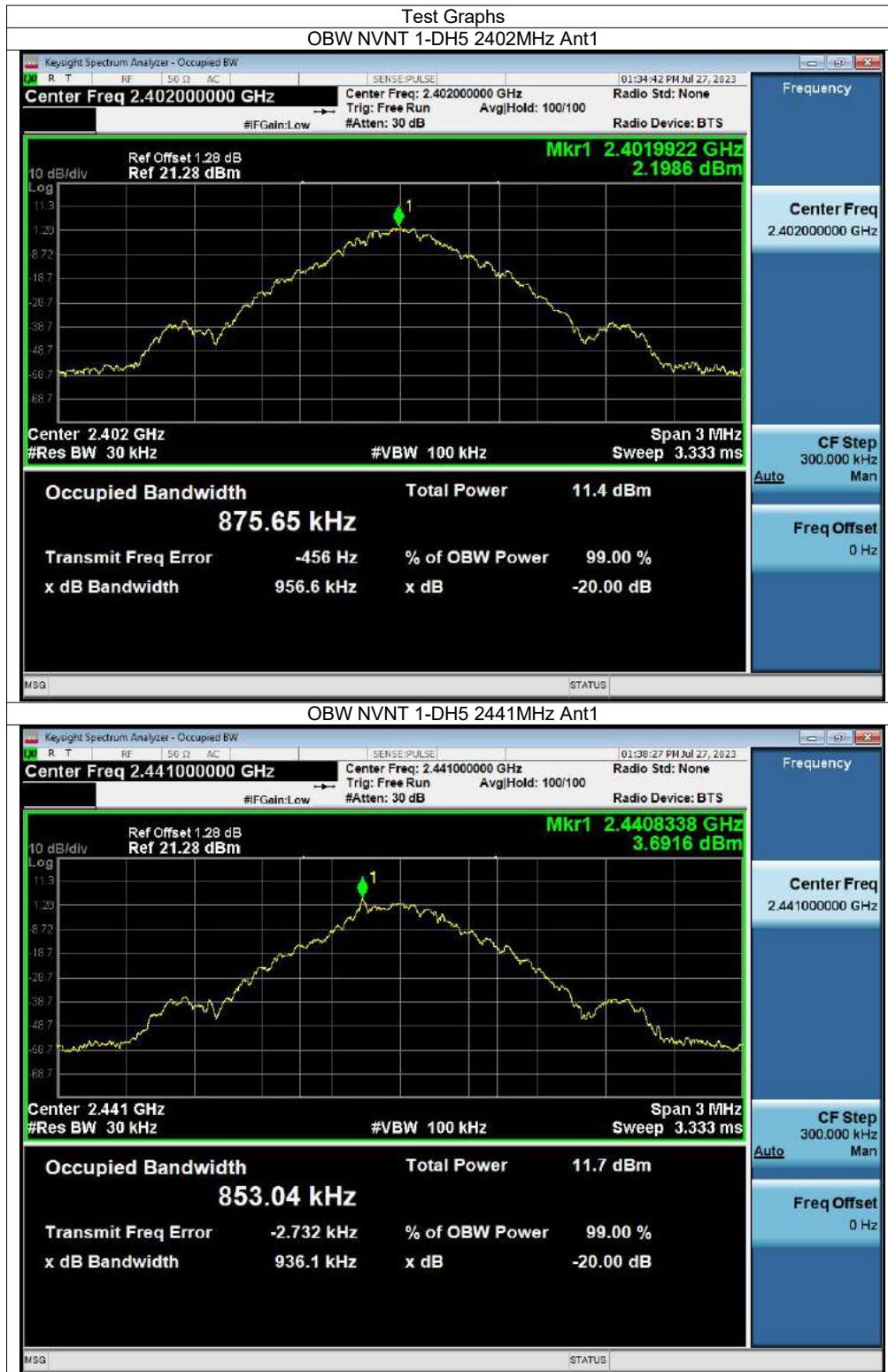






Appendix C Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.876
NVNT	1-DH5	2441	Ant1	0.853
NVNT	1-DH5	2480	Ant1	0.861
NVNT	2-DH5	2402	Ant1	1.161
NVNT	2-DH5	2441	Ant1	1.171
NVNT	2-DH5	2480	Ant1	1.174
NVNT	3-DH5	2402	Ant1	1.181
NVNT	3-DH5	2441	Ant1	1.156
NVNT	3-DH5	2480	Ant1	1.173







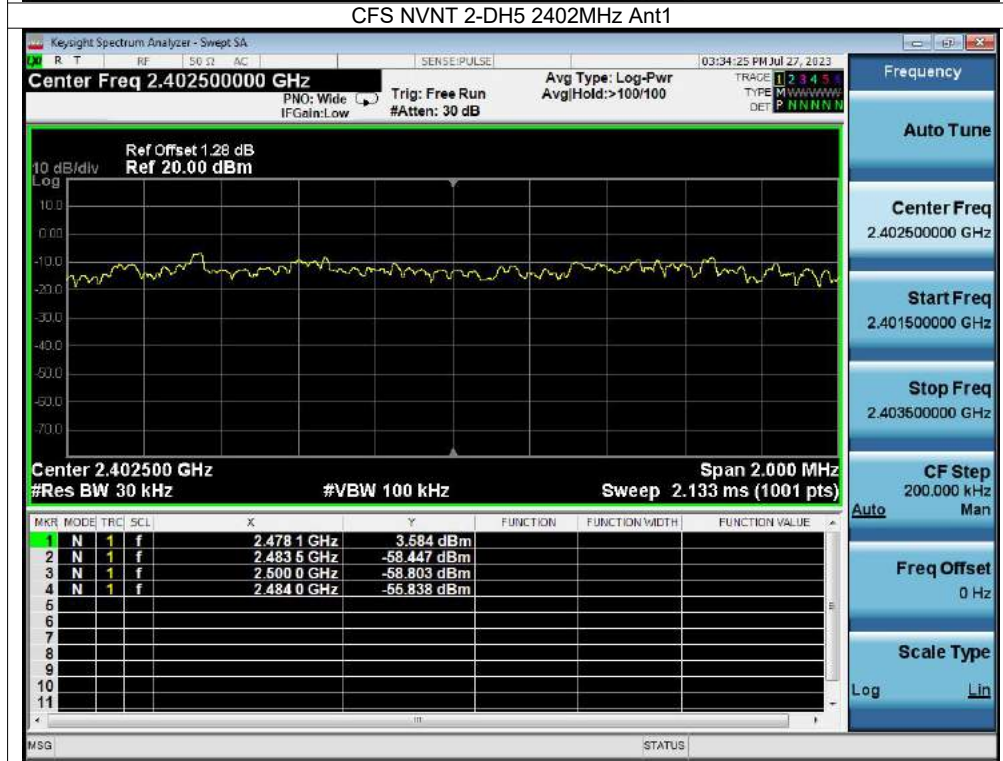


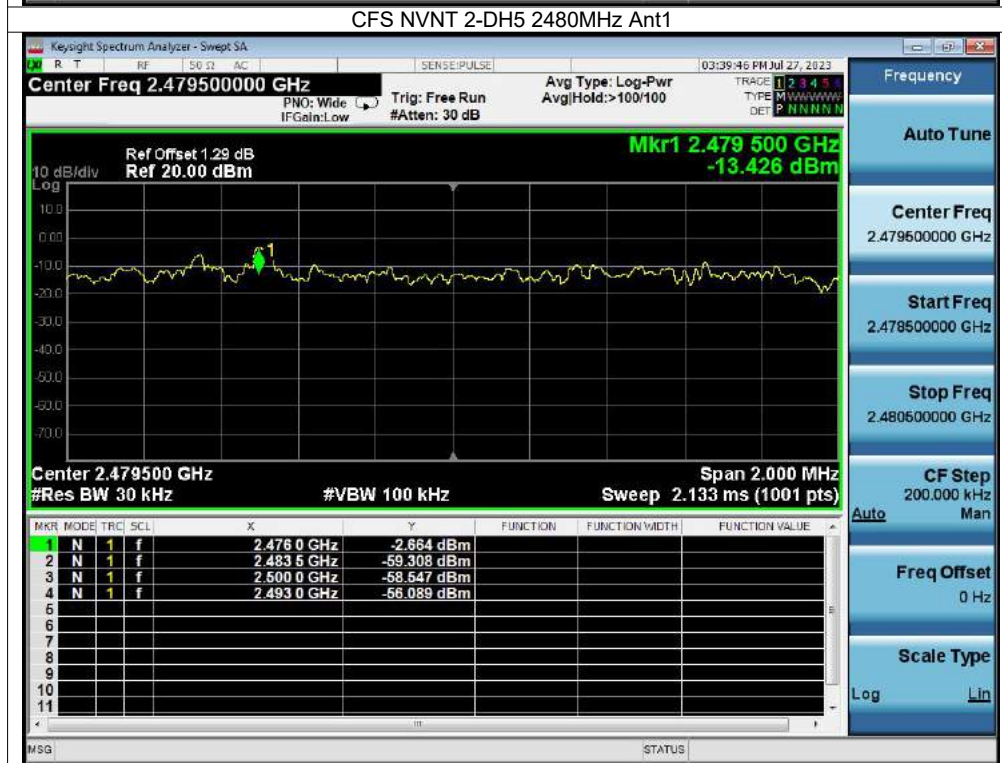


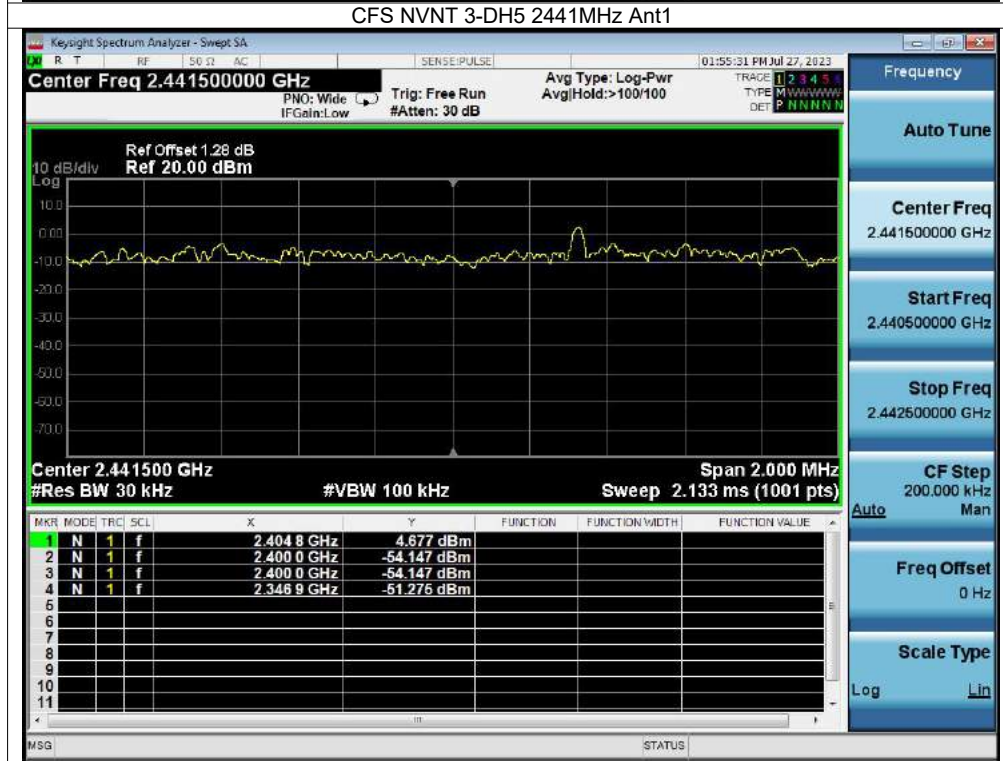
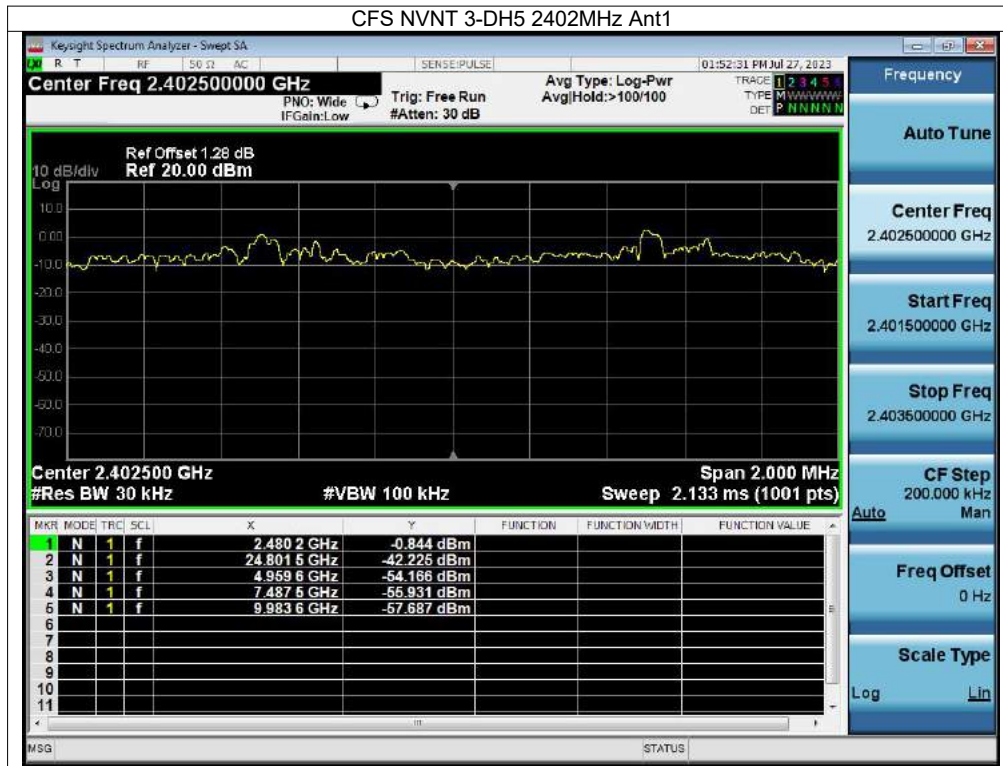
Appendix D Carrier Frequencies Separation

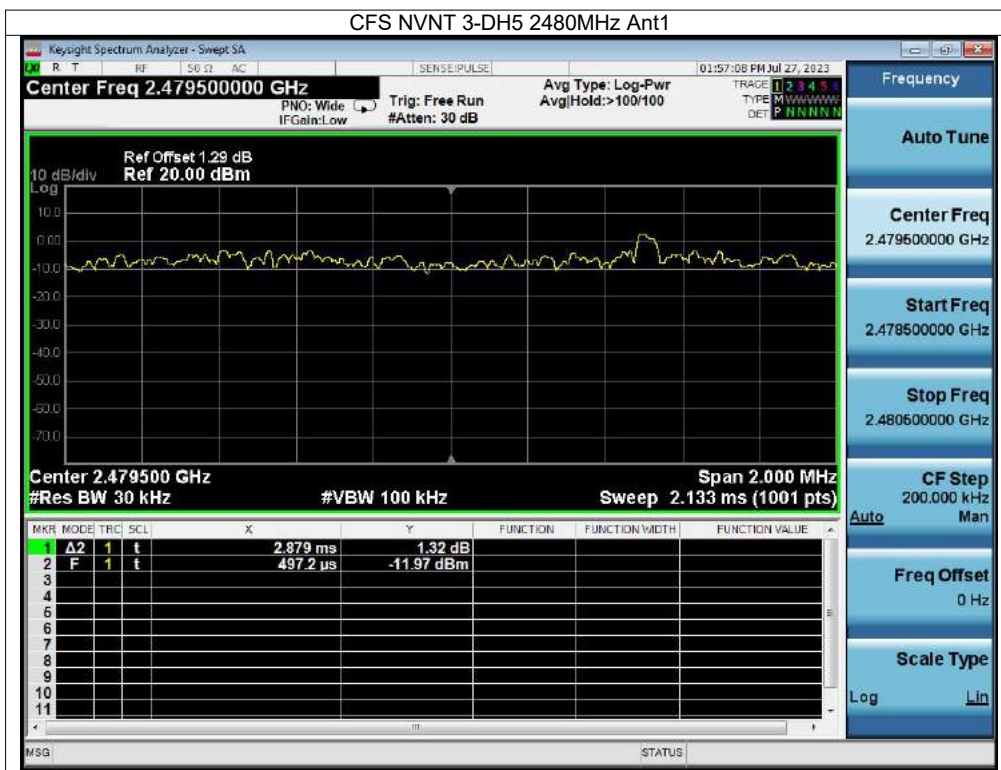
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.972	2403.002	1.03	0.623	Pass
NVNT	1-DH5	Ant1	2440.822	2441.832	1.01	0.627	Pass
NVNT	1-DH5	Ant1	2479.016	2479.962	0.946	0.639	Pass
NVNT	2-DH5	Ant1	2401.846	2403.17	1.324	0.874	Pass
NVNT	2-DH5	Ant1	2440.838	2441.974	1.136	0.875	Pass
NVNT	2-DH5	Ant1	2478.998	2480.152	1.154	0.835	Pass
NVNT	3-DH5	Ant1	2402.008	2403	0.992	0.853	Pass
NVNT	3-DH5	Ant1	2440.902	2441.824	0.922	0.822	Pass
NVNT	3-DH5	Ant1	2478.916	2479.994	1.078	0.826	Pass





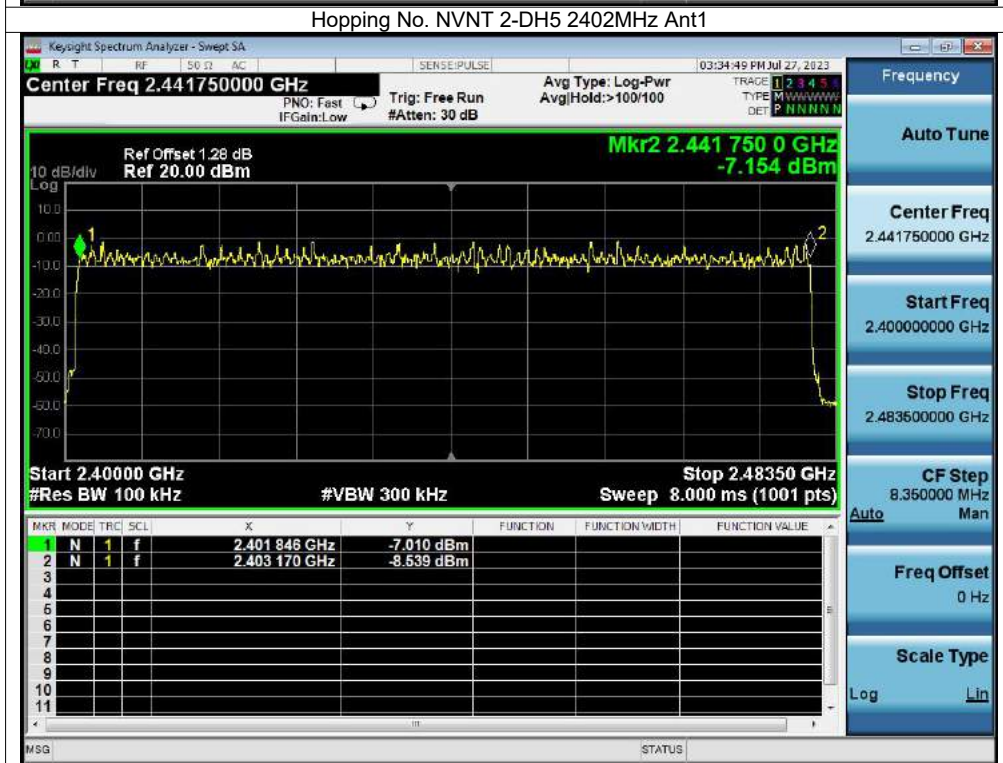
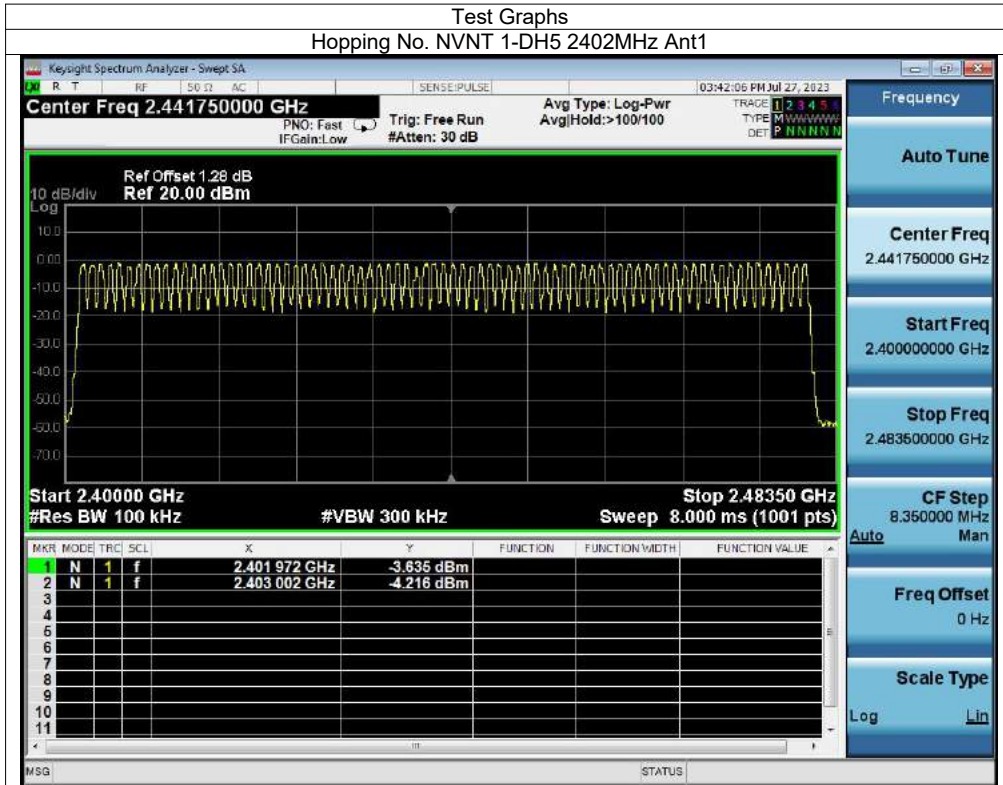


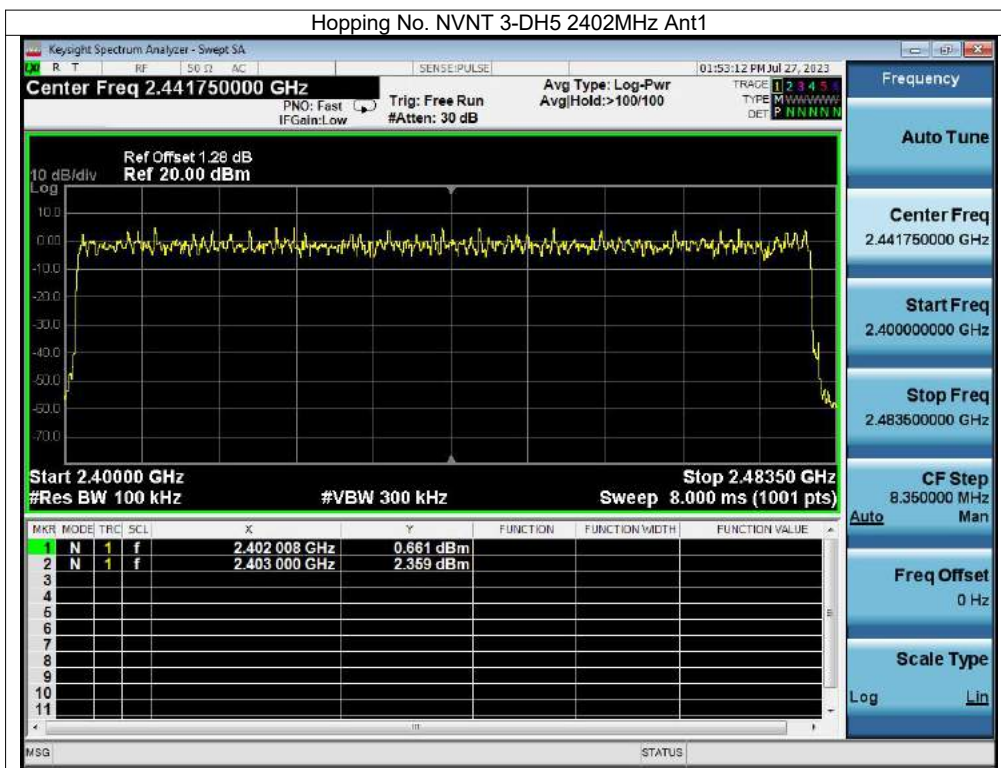




Appendix E Number of Hopping Channel

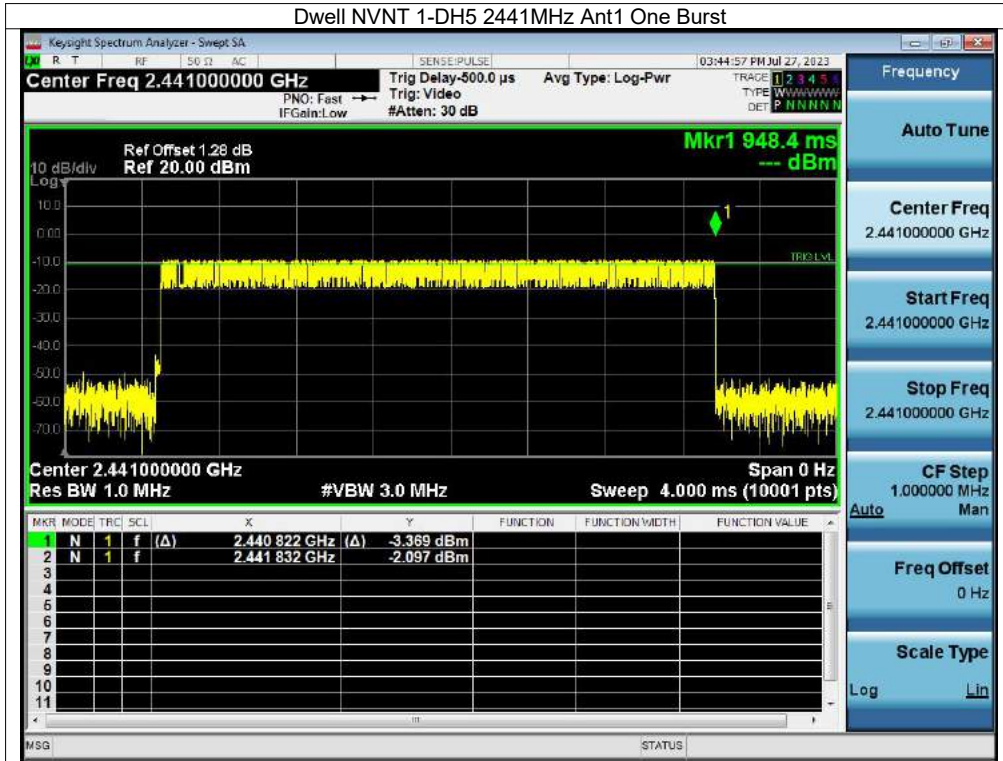
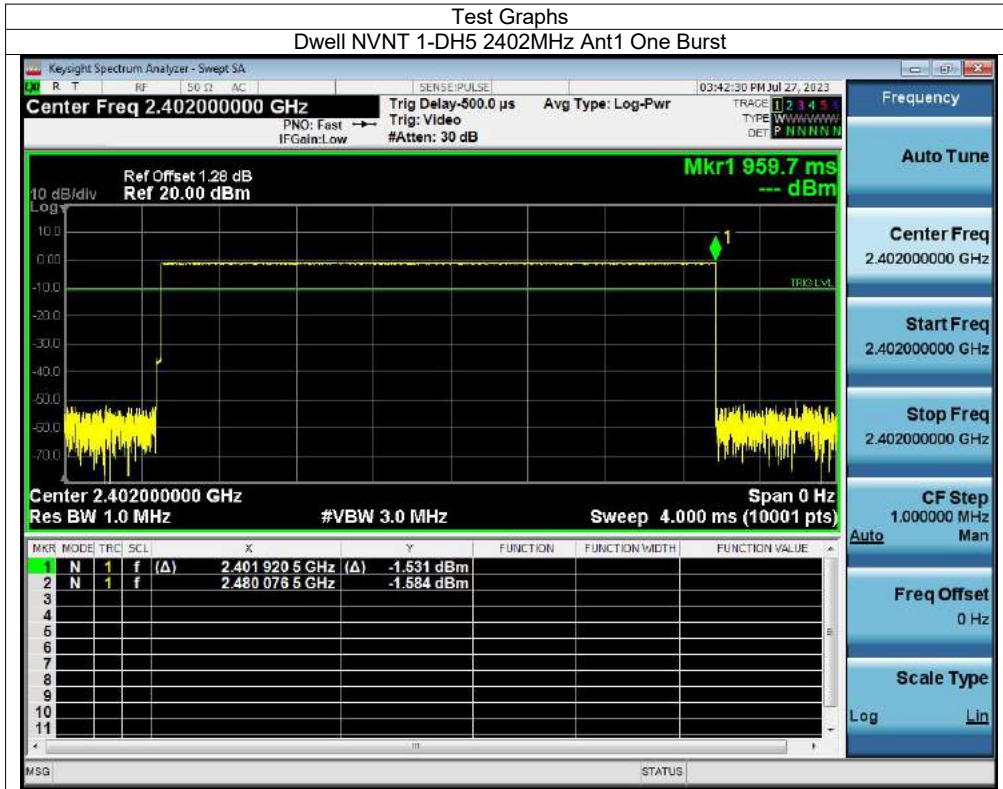
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

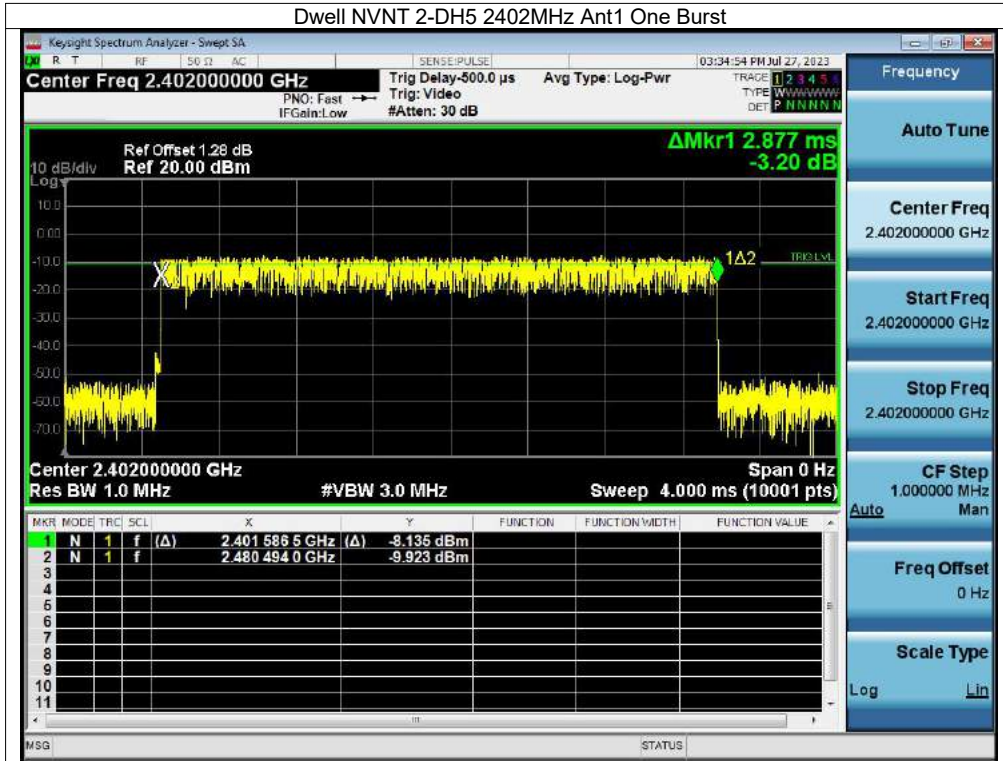
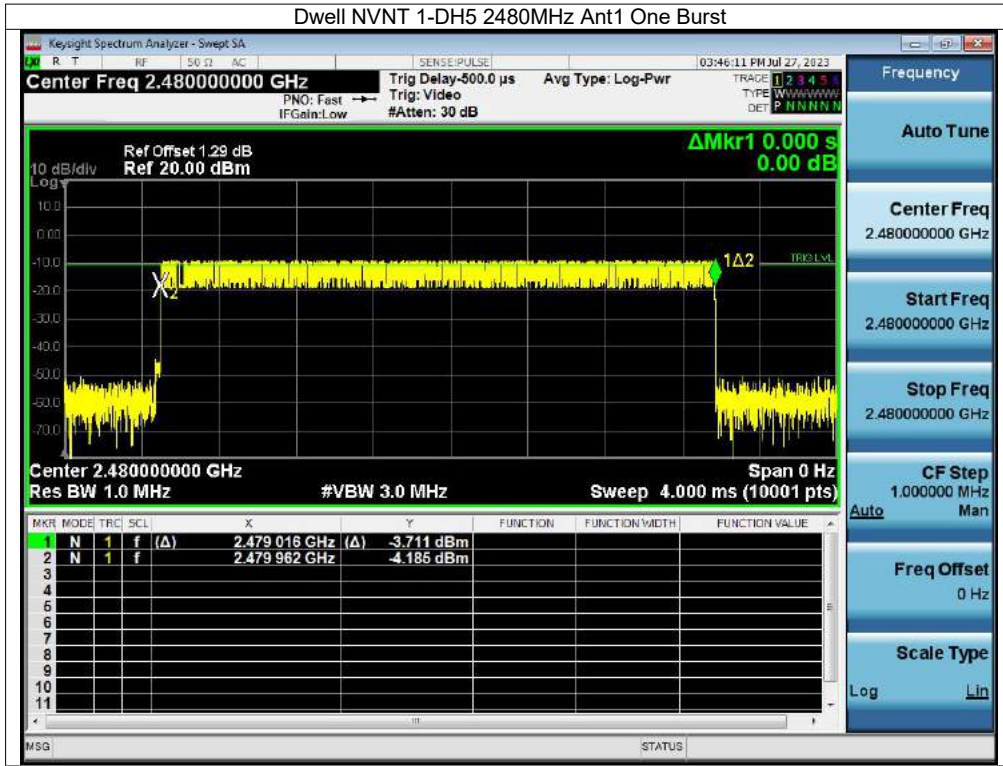


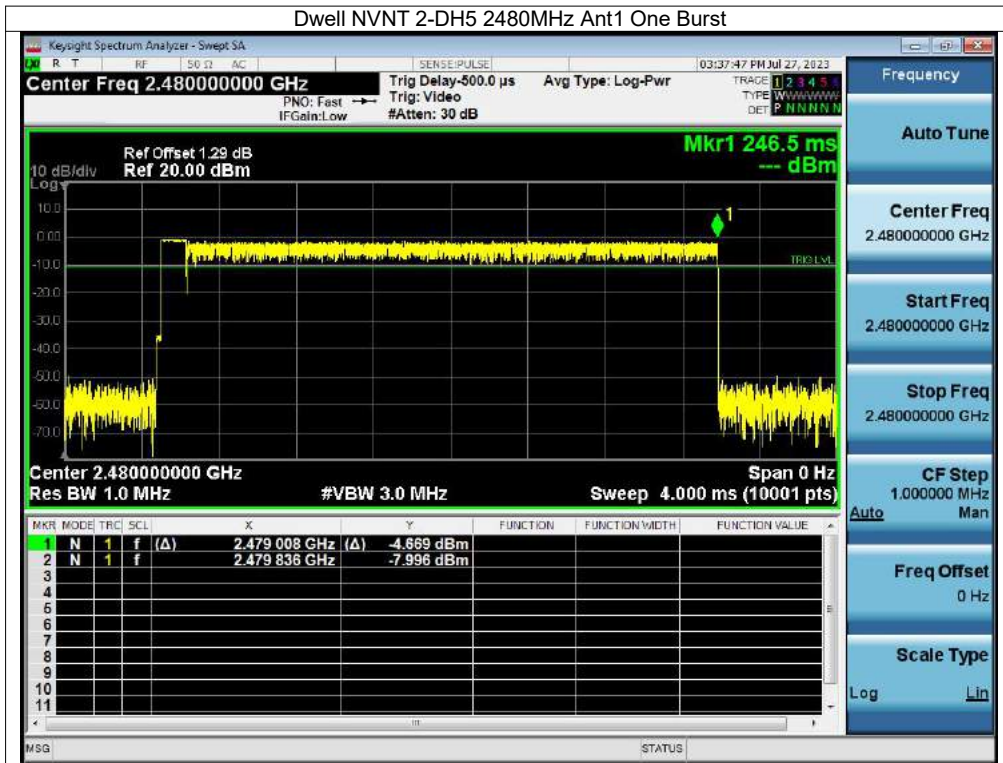
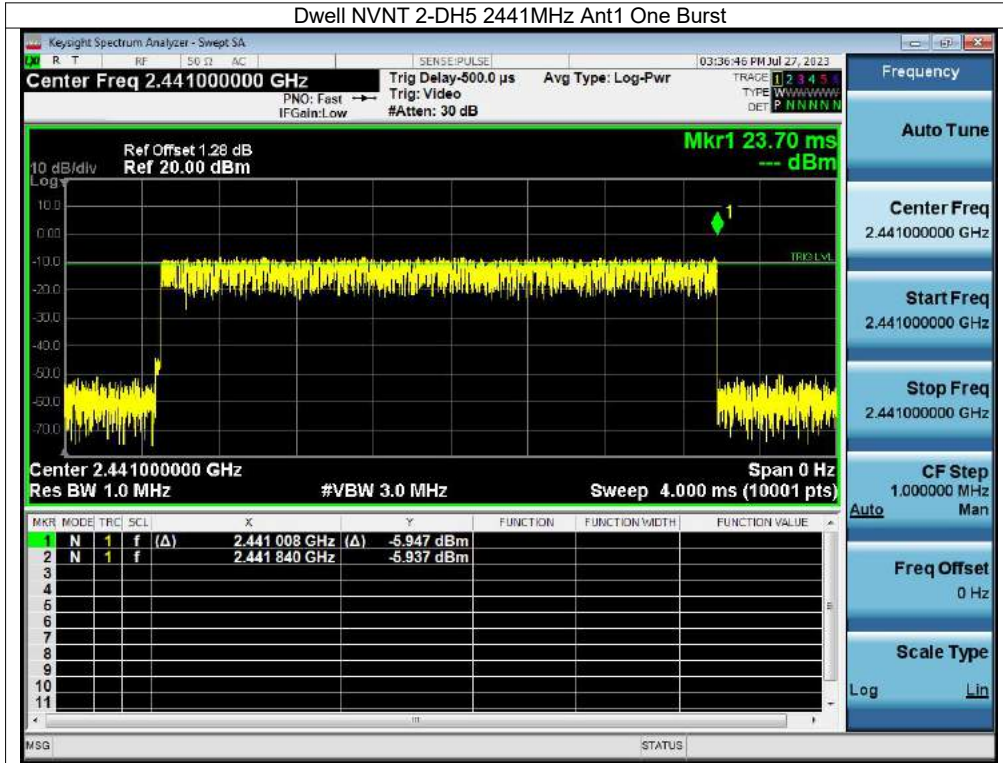


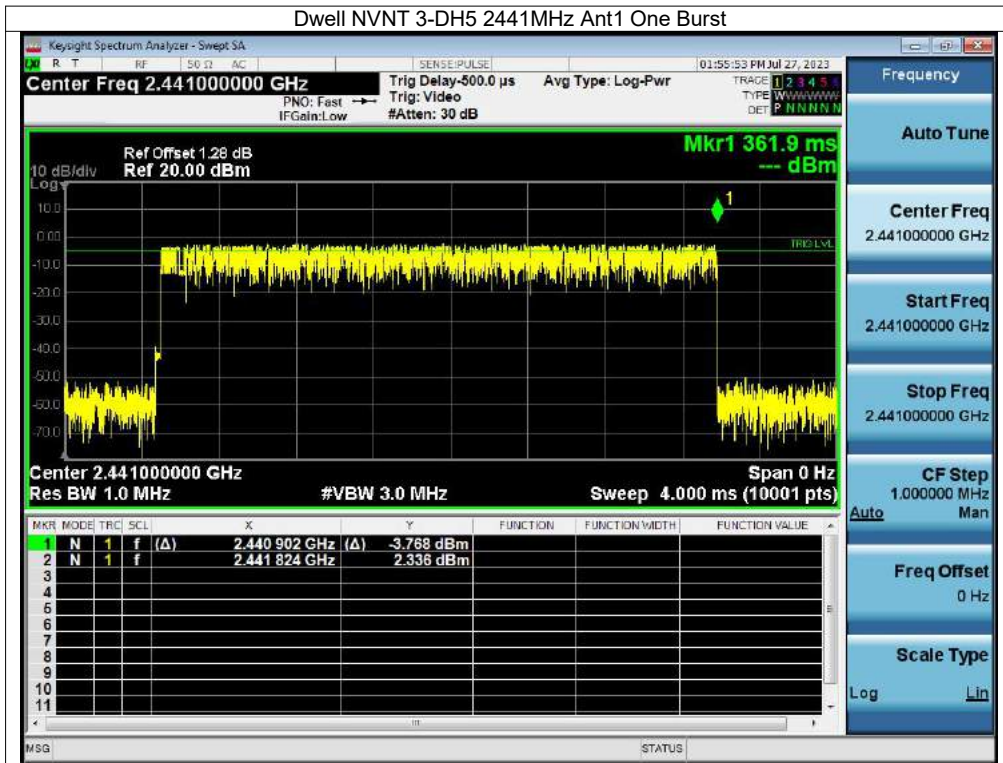
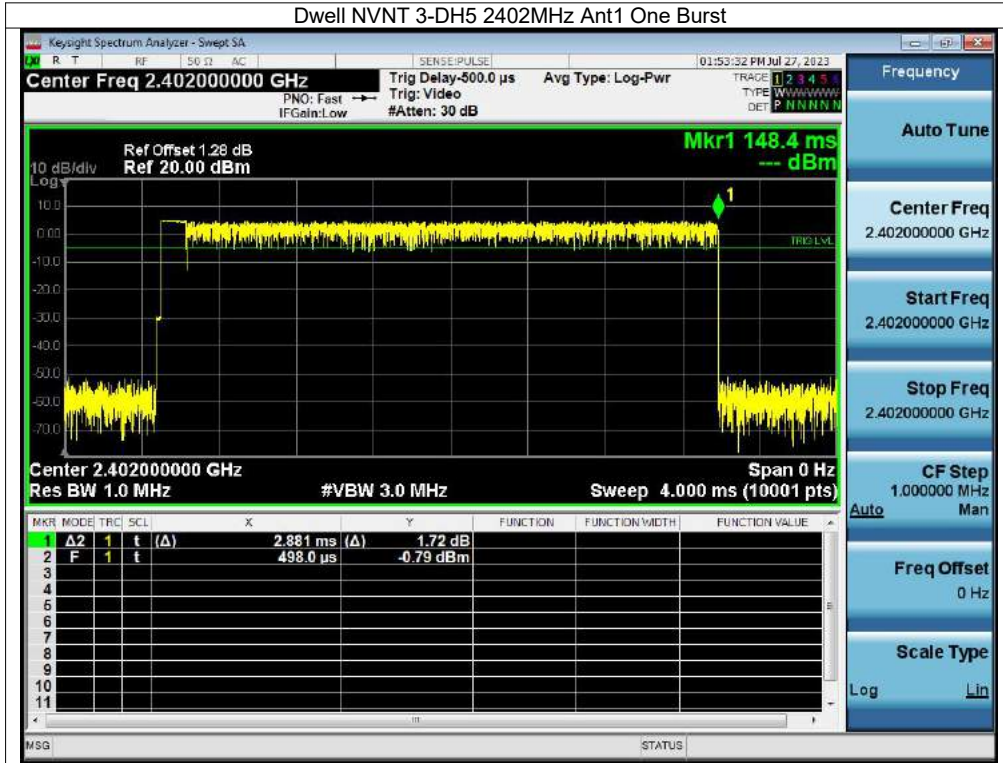
Appendix F Dwell Time

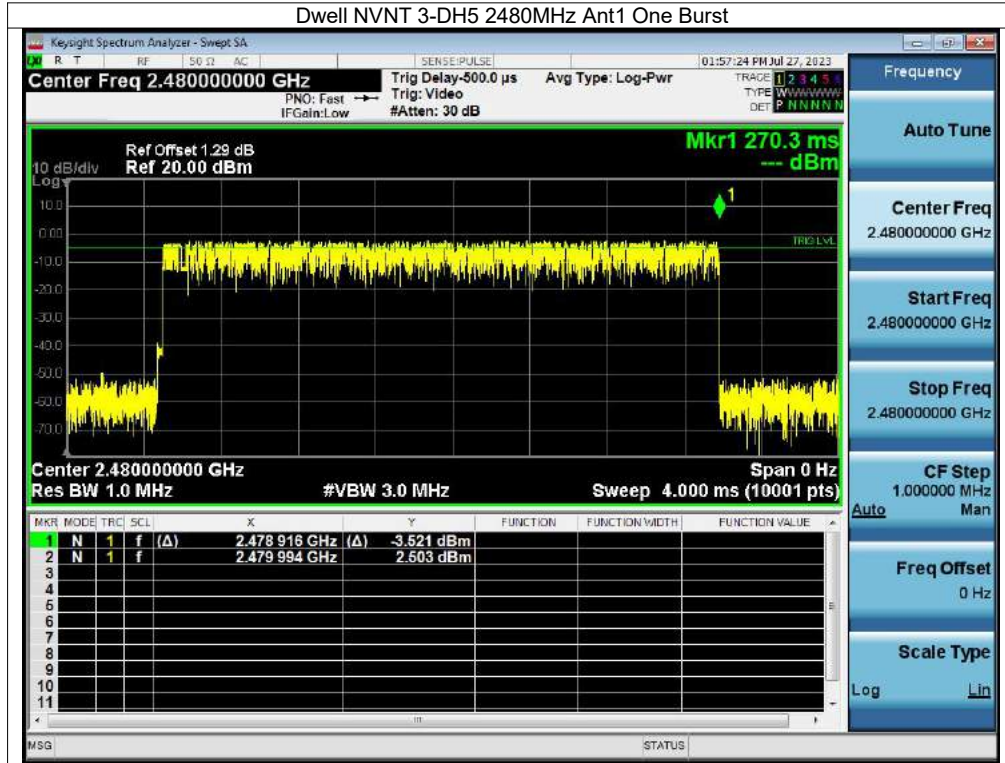
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.869	306.027	400	Pass
NVNT	1-DH5	2441	Ant1	2.868	305.920	400	Pass
NVNT	1-DH5	2480	Ant1	2.868	305.920	400	Pass
NVNT	2-DH5	2402	Ant1	2.877	306.880	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	307.200	400	Pass
NVNT	2-DH5	2480	Ant1	2.88	307.200	400	Pass
NVNT	3-DH5	2402	Ant1	2.881	307.307	400	Pass
NVNT	3-DH5	2441	Ant1	2.879	307.093	400	Pass
NVNT	3-DH5	2480	Ant1	2.879	307.093	400	Pass





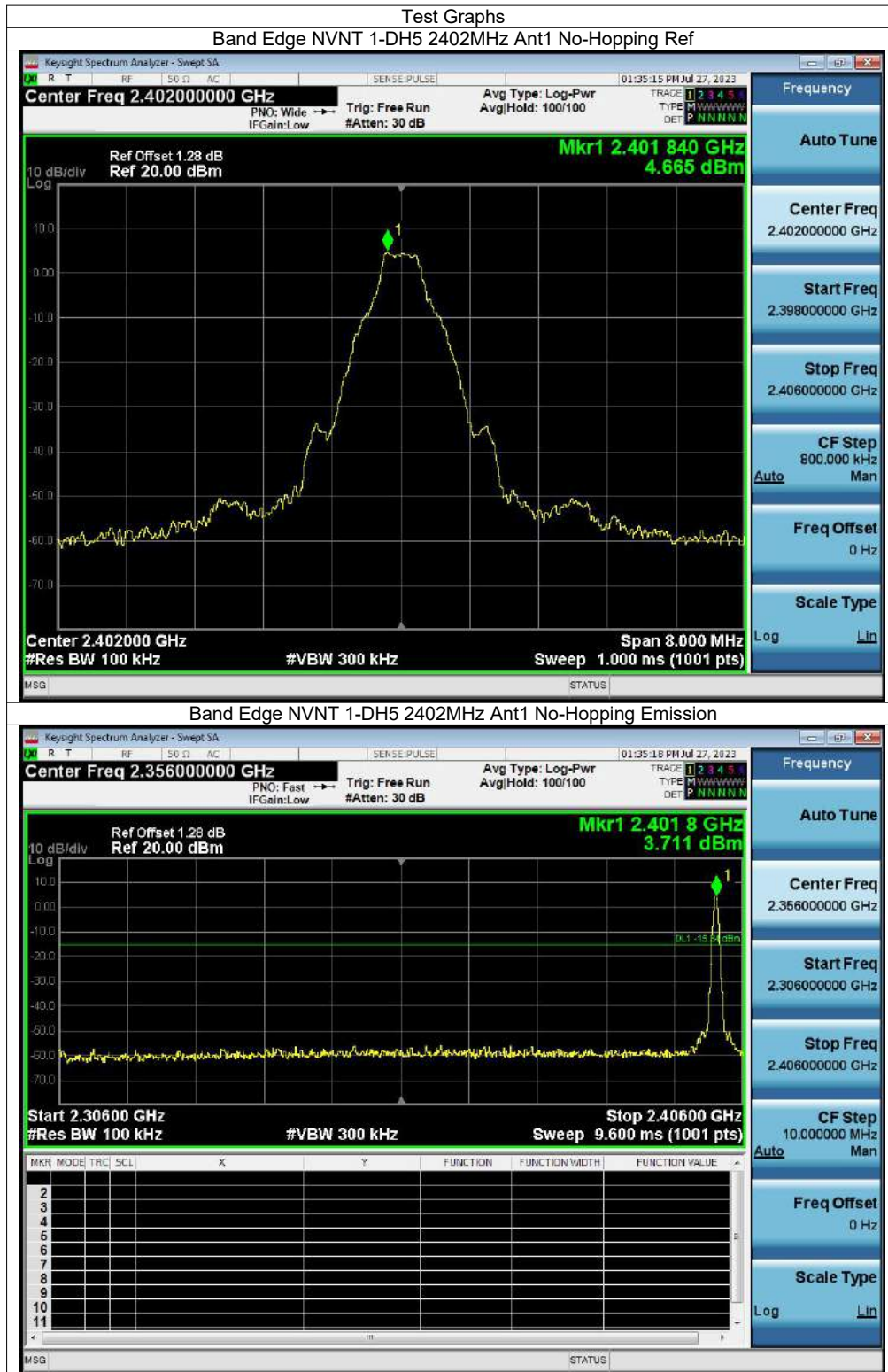


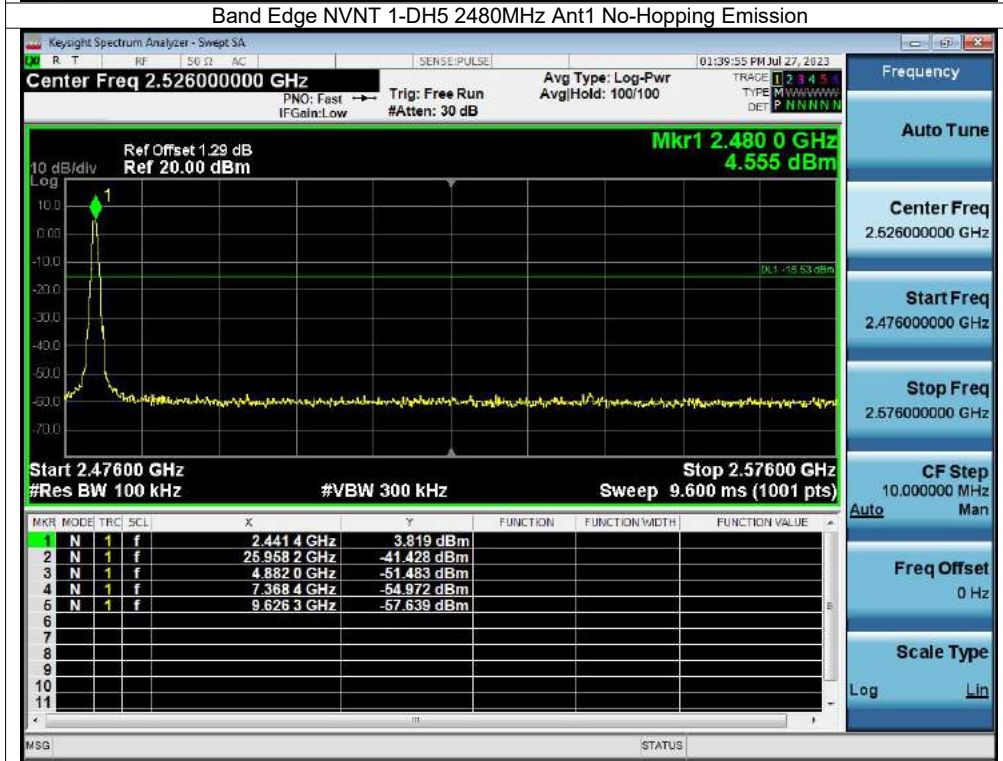


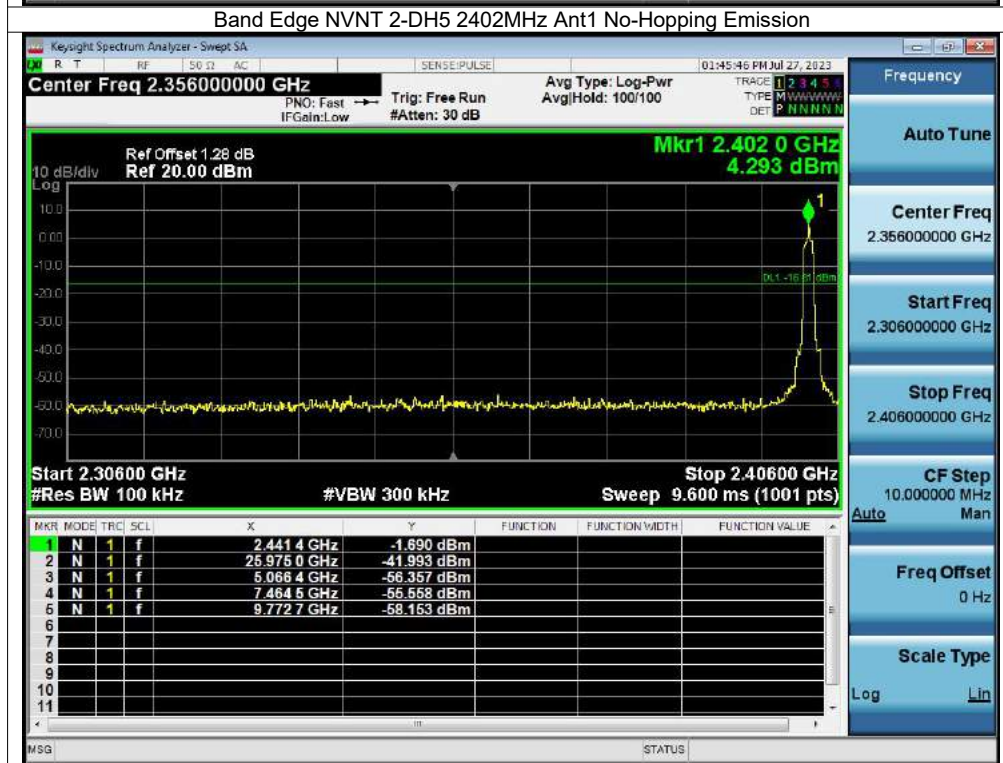


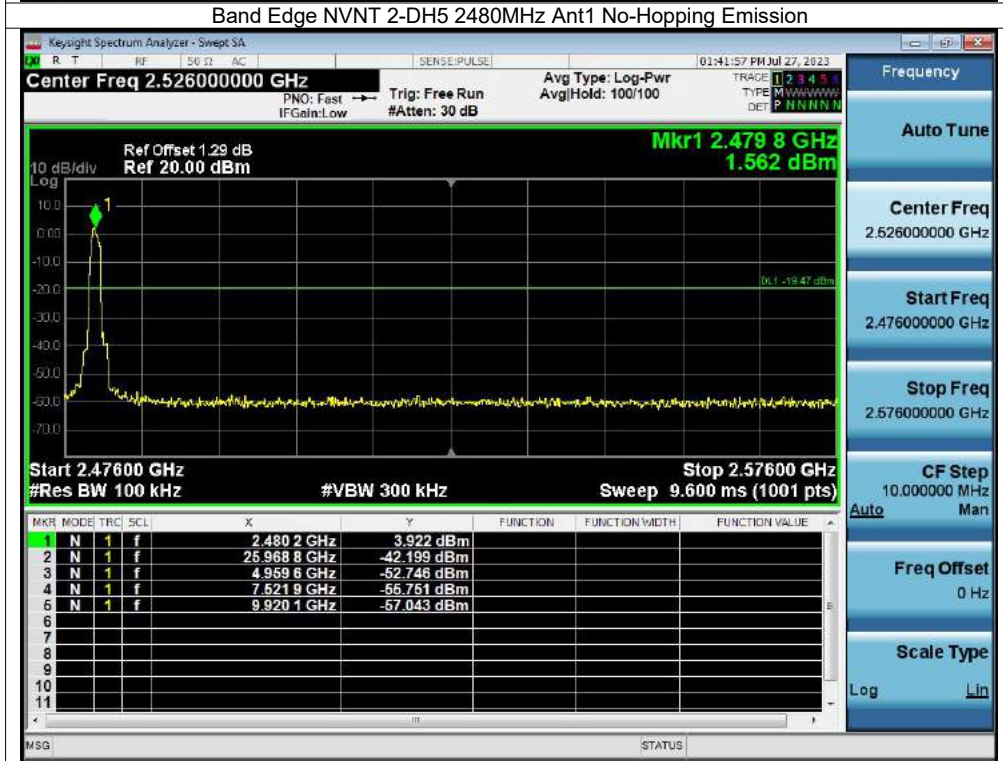
Appendix G Band Edge

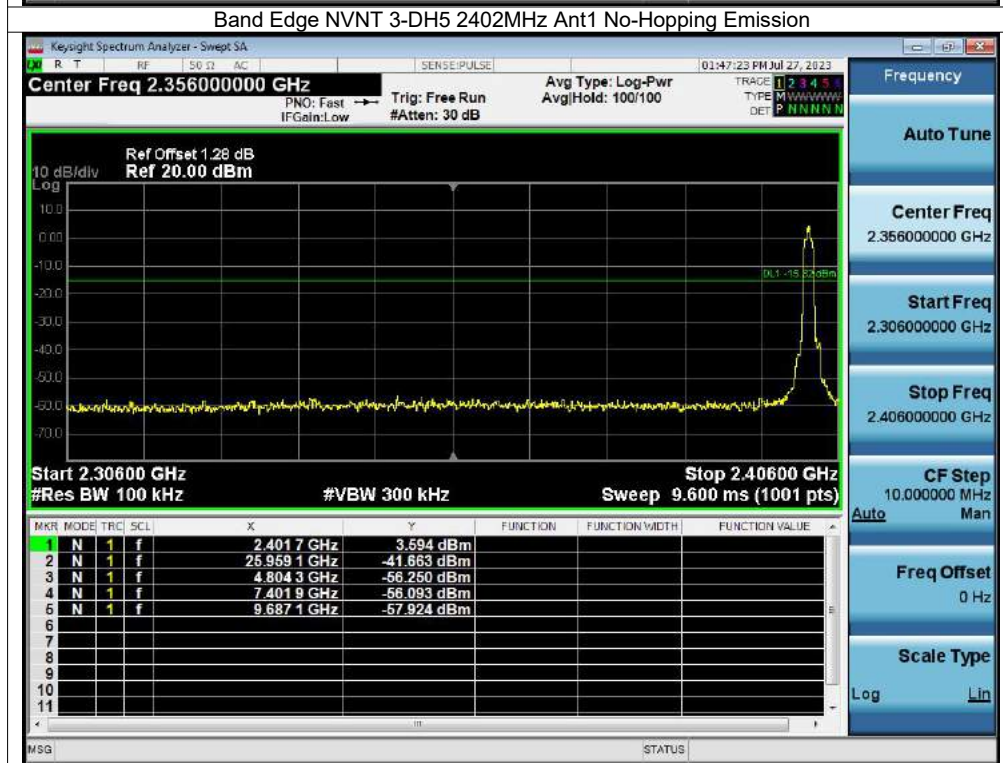
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.19	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-61.27	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-56.19	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-57.26	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-58.3	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-60.83	-20	Pass

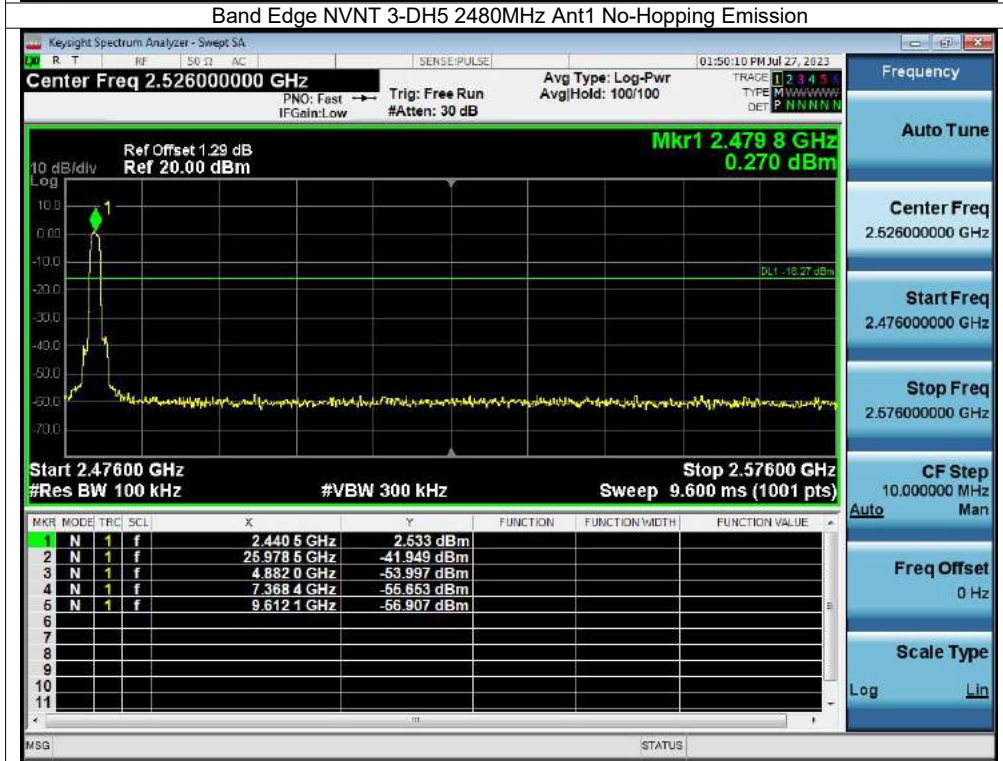






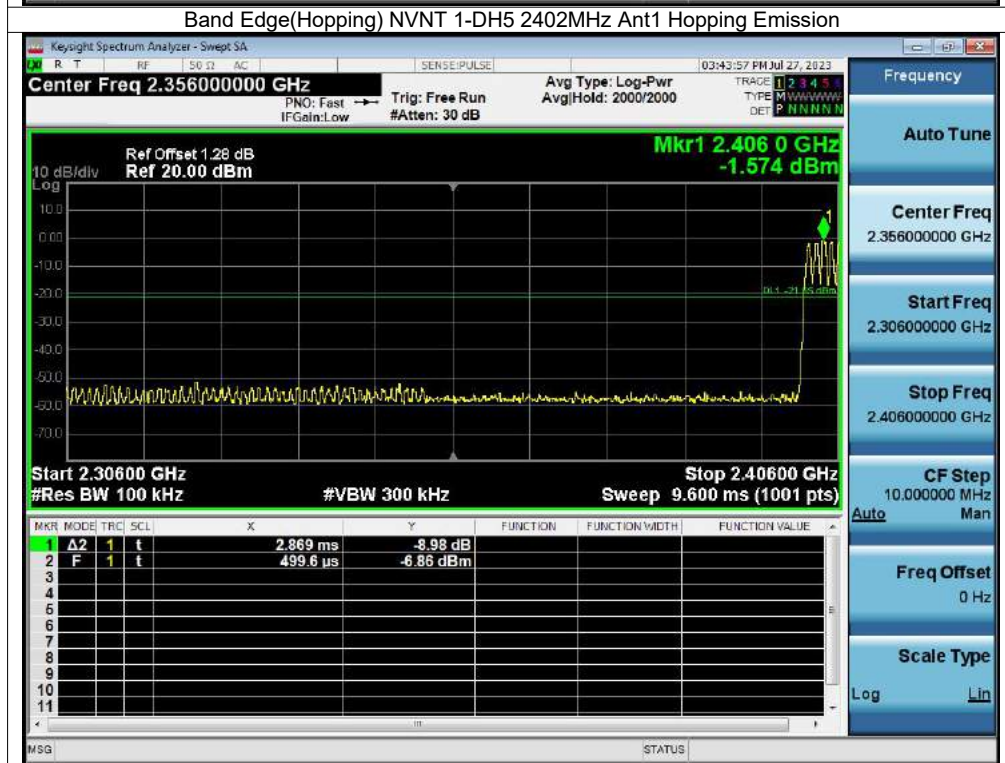
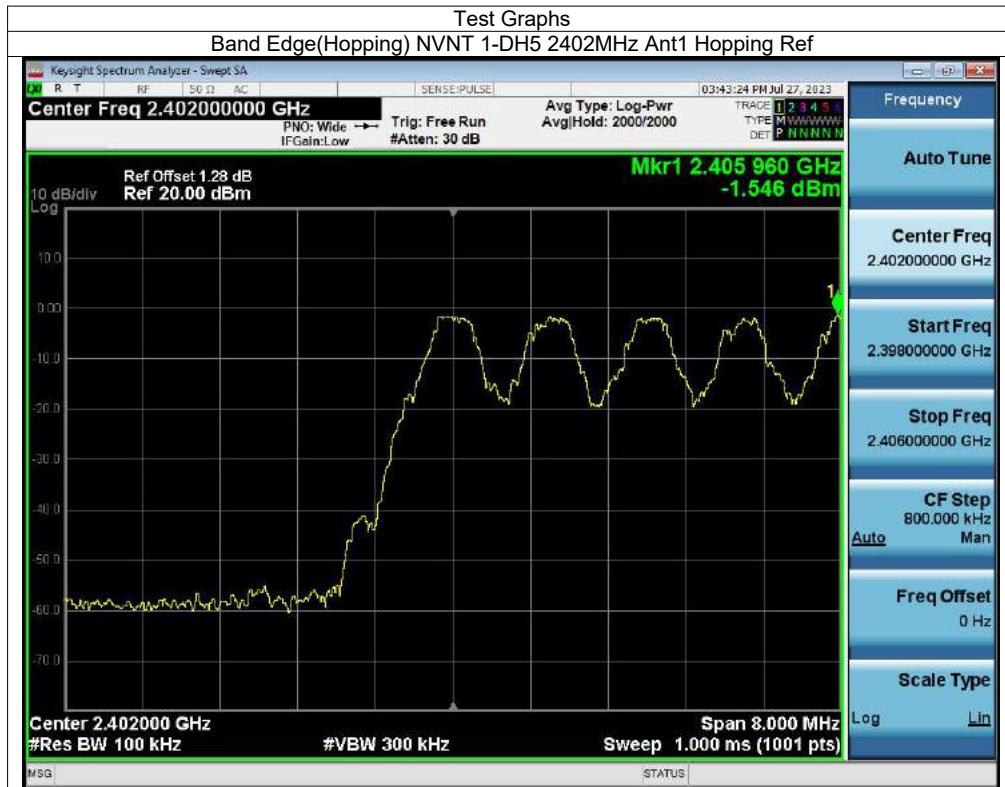


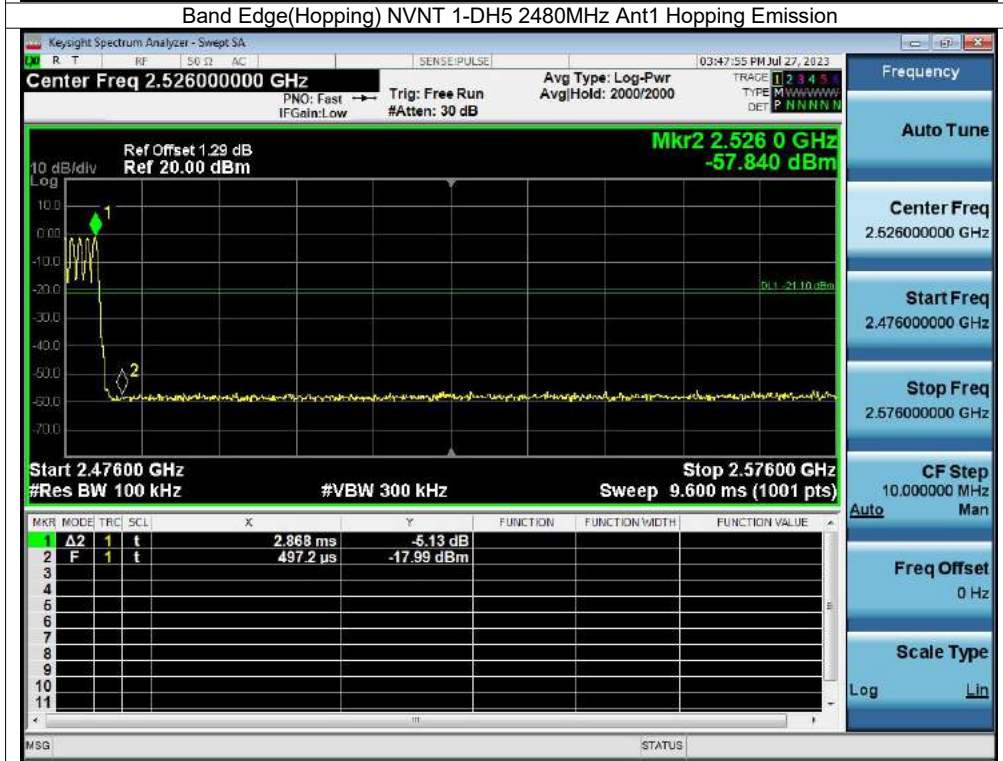


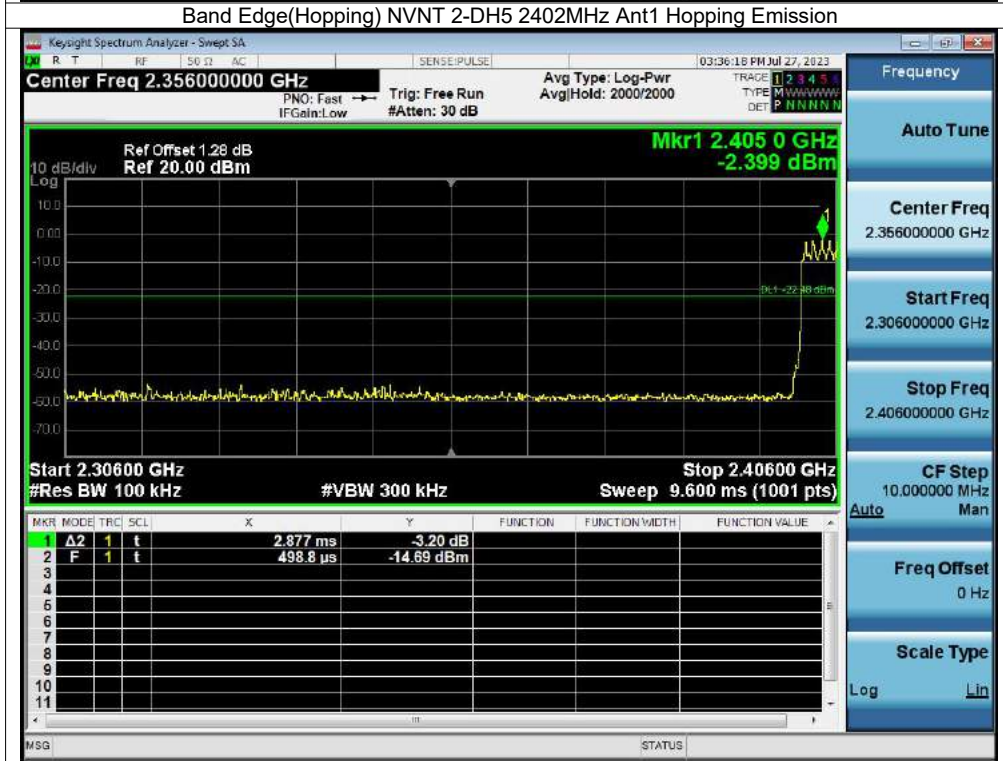


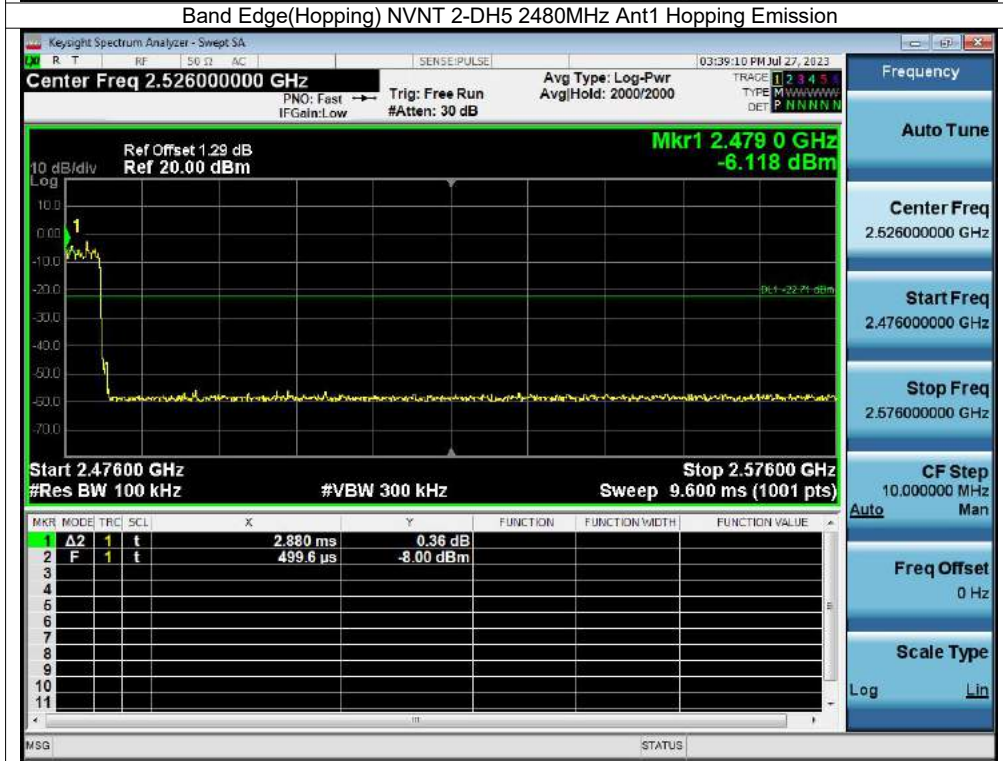
Appendix H Band Edge(Hopping)

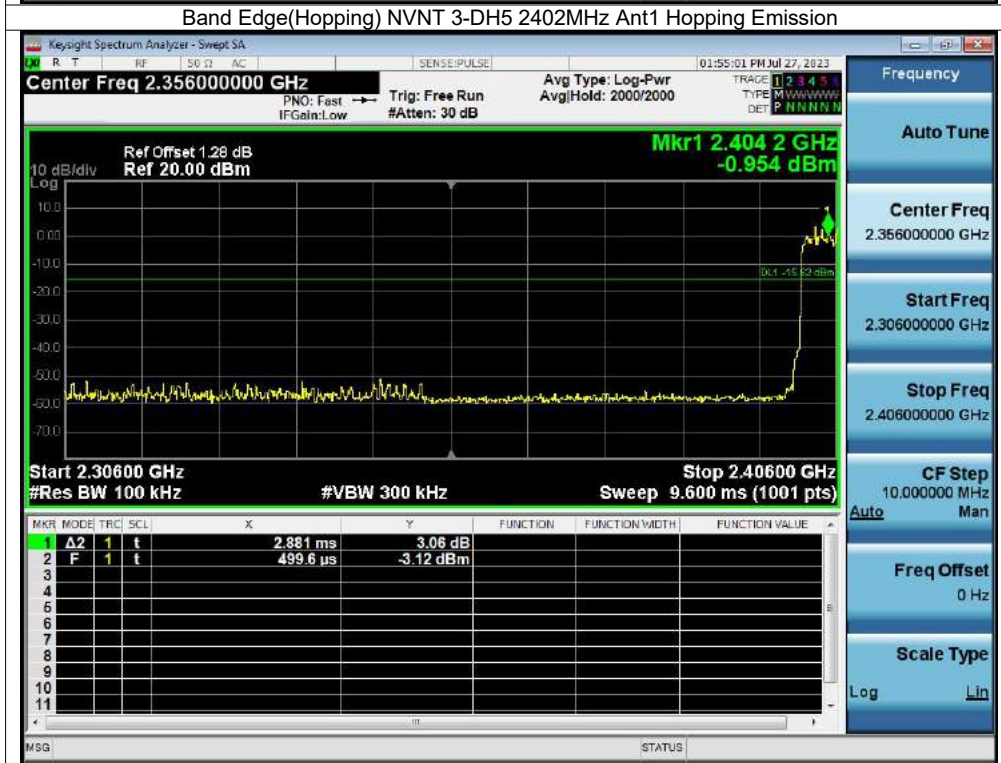
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-49.95	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.69	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-51.56	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.37	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-55.65	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-60.5	-20	Pass

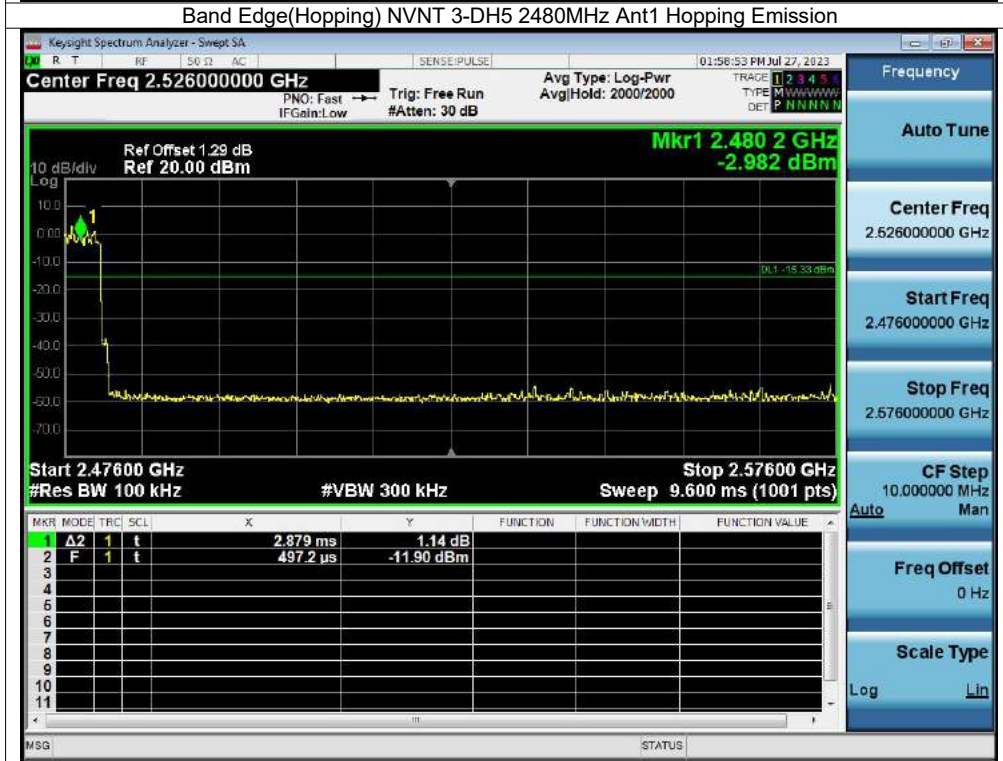








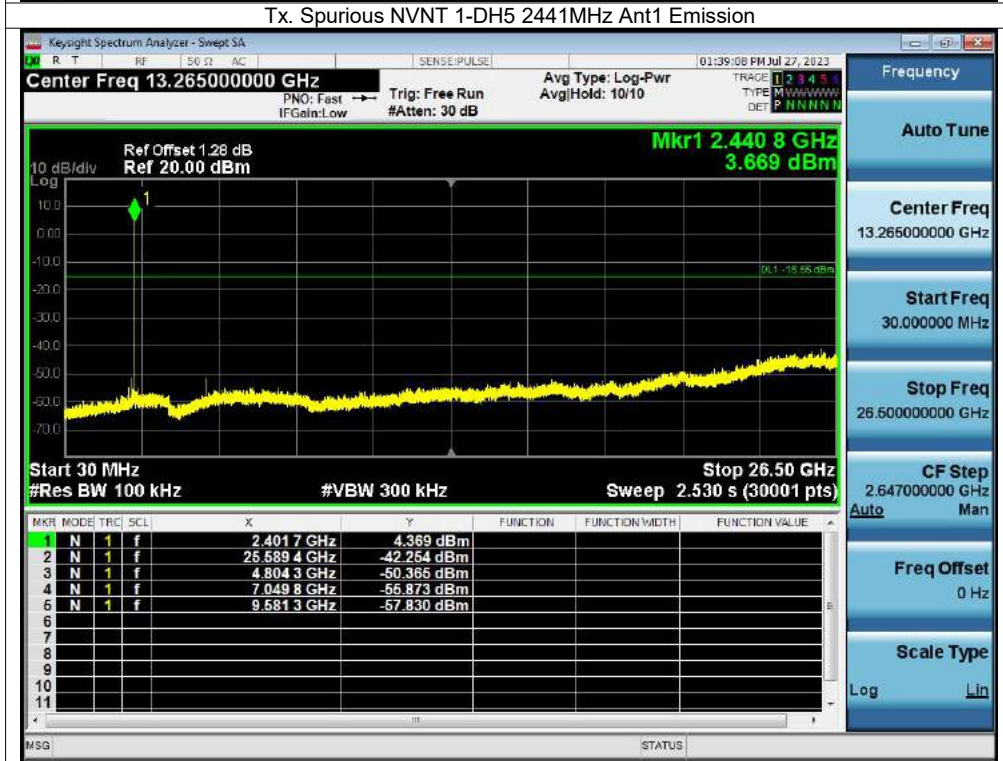


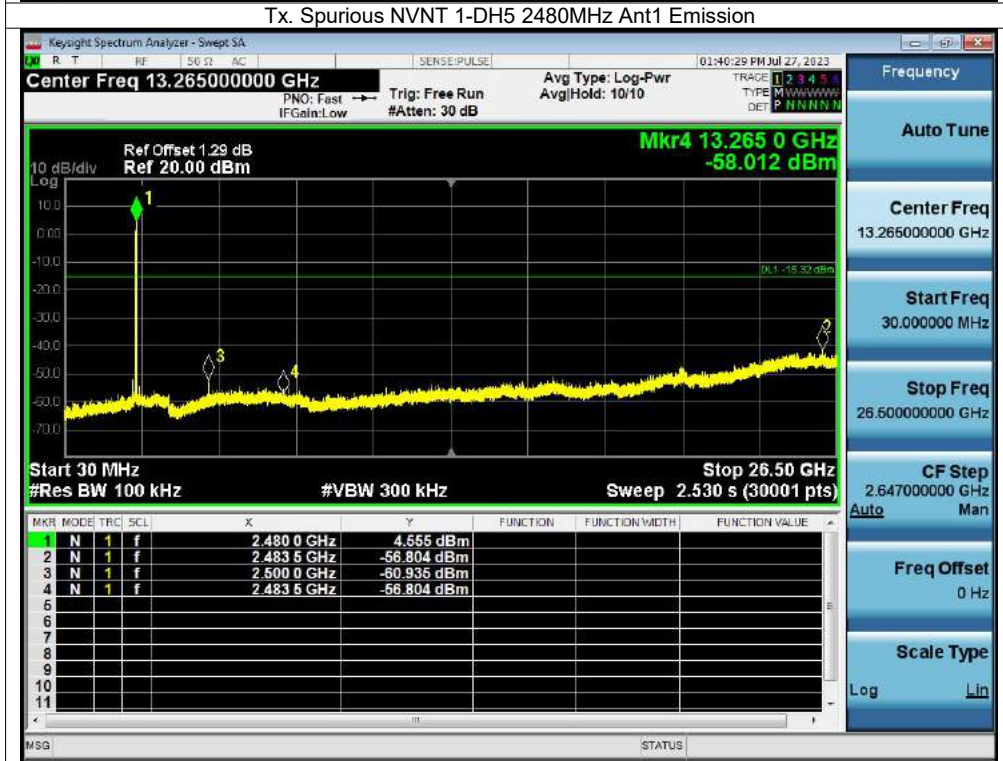


Appendix I Conducted RF Spurious Emission

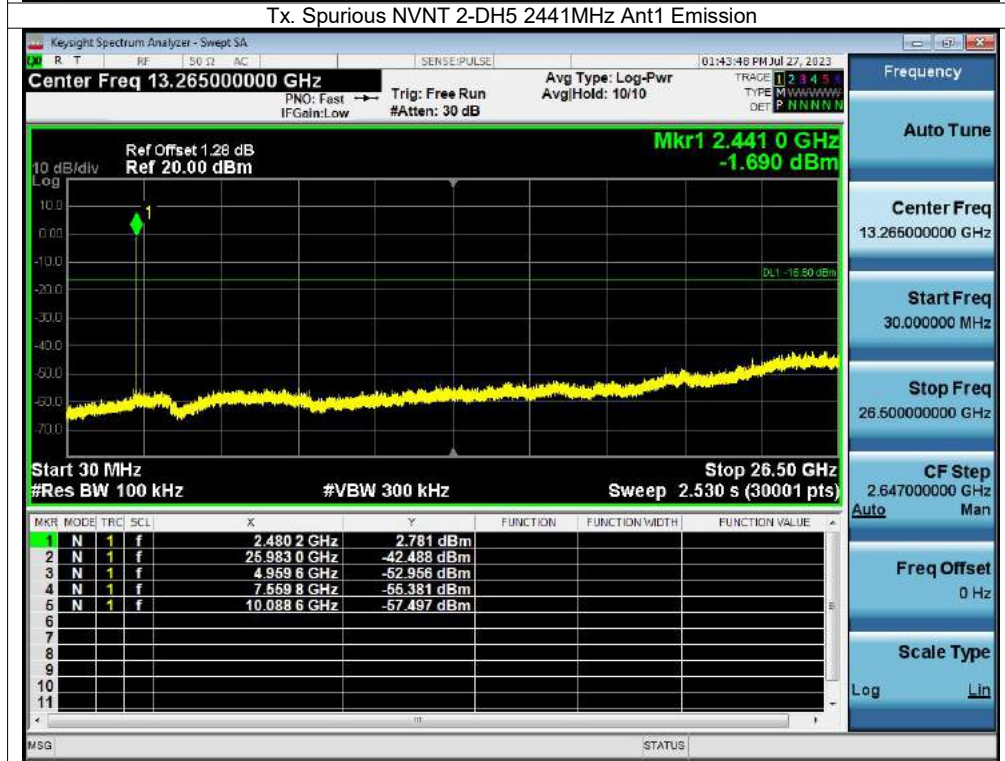
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.8	-20	Pass
NVNT	1-DH5	2441	Ant1	-45.87	-20	Pass
NVNT	1-DH5	2480	Ant1	-46.87	-20	Pass
NVNT	2-DH5	2402	Ant1	-45.59	-20	Pass
NVNT	2-DH5	2441	Ant1	-45.39	-20	Pass
NVNT	2-DH5	2480	Ant1	-46.98	-20	Pass
NVNT	3-DH5	2402	Ant1	-45.56	-20	Pass
NVNT	3-DH5	2441	Ant1	-46.38	-20	Pass
NVNT	3-DH5	2480	Ant1	-46.91	-20	Pass



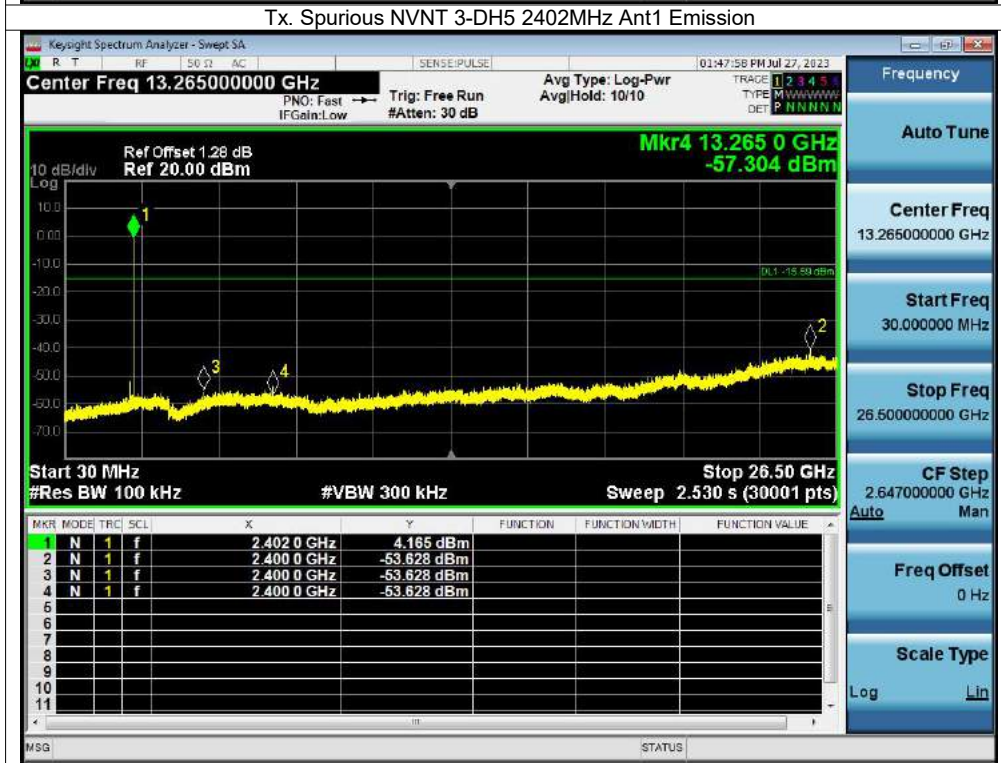
















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