

11. TEST DATA-Right

11.1. APPENDIX A:DUTY CYCLE

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
1-DH5	2.912	3.75	0.7765	77.65	1.10	0.34	1
3-DH5	2.92	3.75	0.7787	77.87	1.09	0.34	1

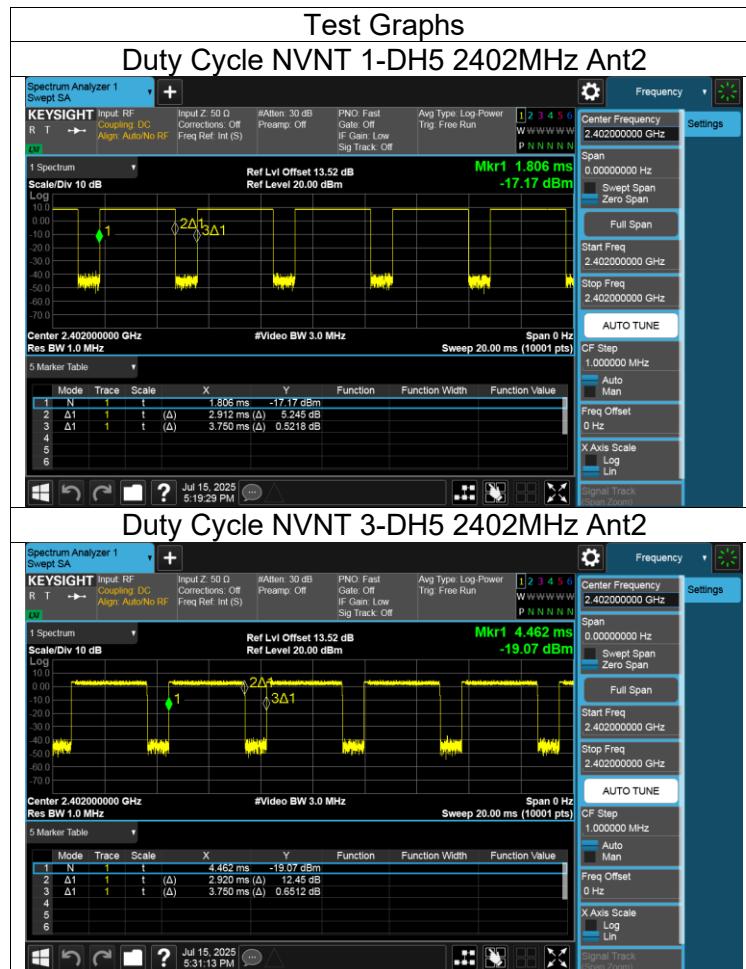
Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



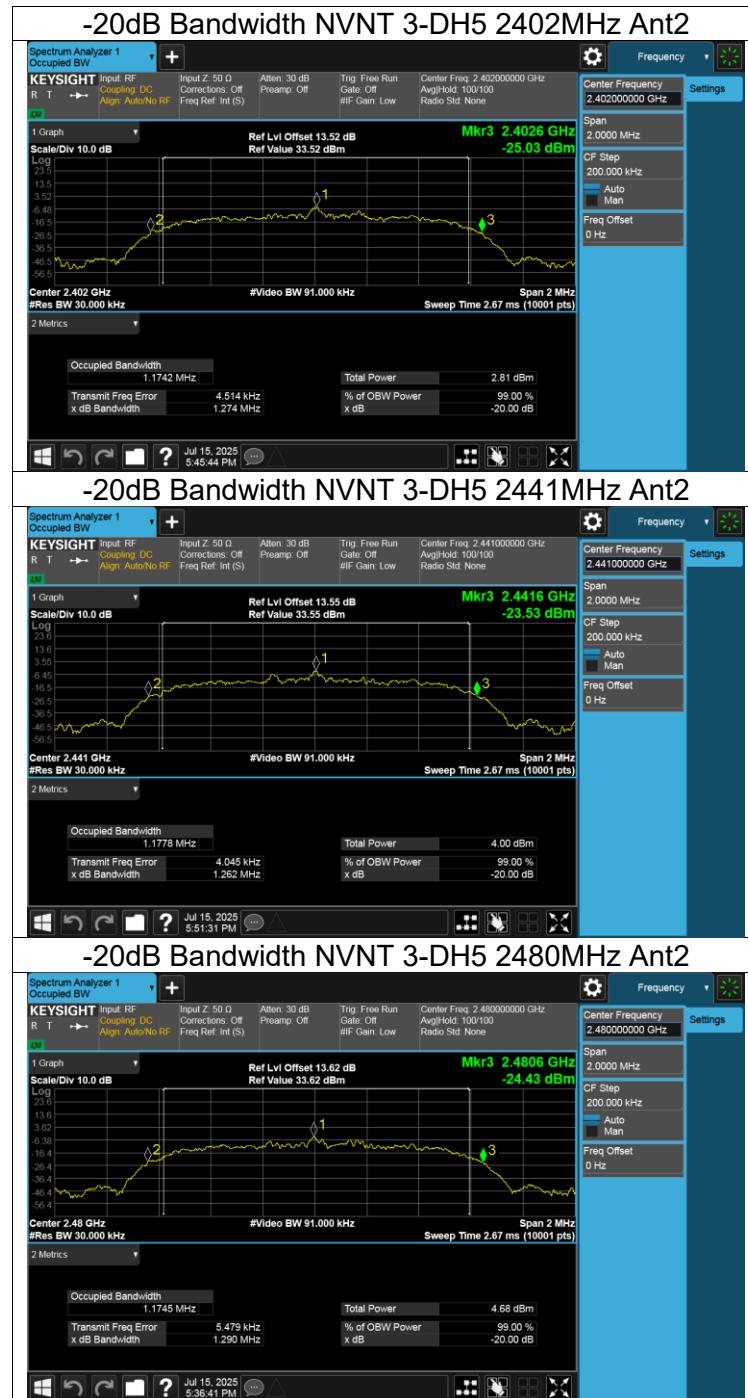
11.2. APPENDIX B:MAXIMUM CONDUCTED OUTPUT POWER

Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
1-DH5	2402	Ant2	3.41	≤30	Pass
1-DH5	2441	Ant2	1.91	≤30	Pass
1-DH5	2480	Ant2	2.81	≤30	Pass
3-DH5	2402	Ant2	1.83	≤21	Pass
3-DH5	2441	Ant2	-0.03	≤21	Pass
3-DH5	2480	Ant2	0.83	≤21	Pass

11.3. APPENDIX C:-20DB BANDWIDTH

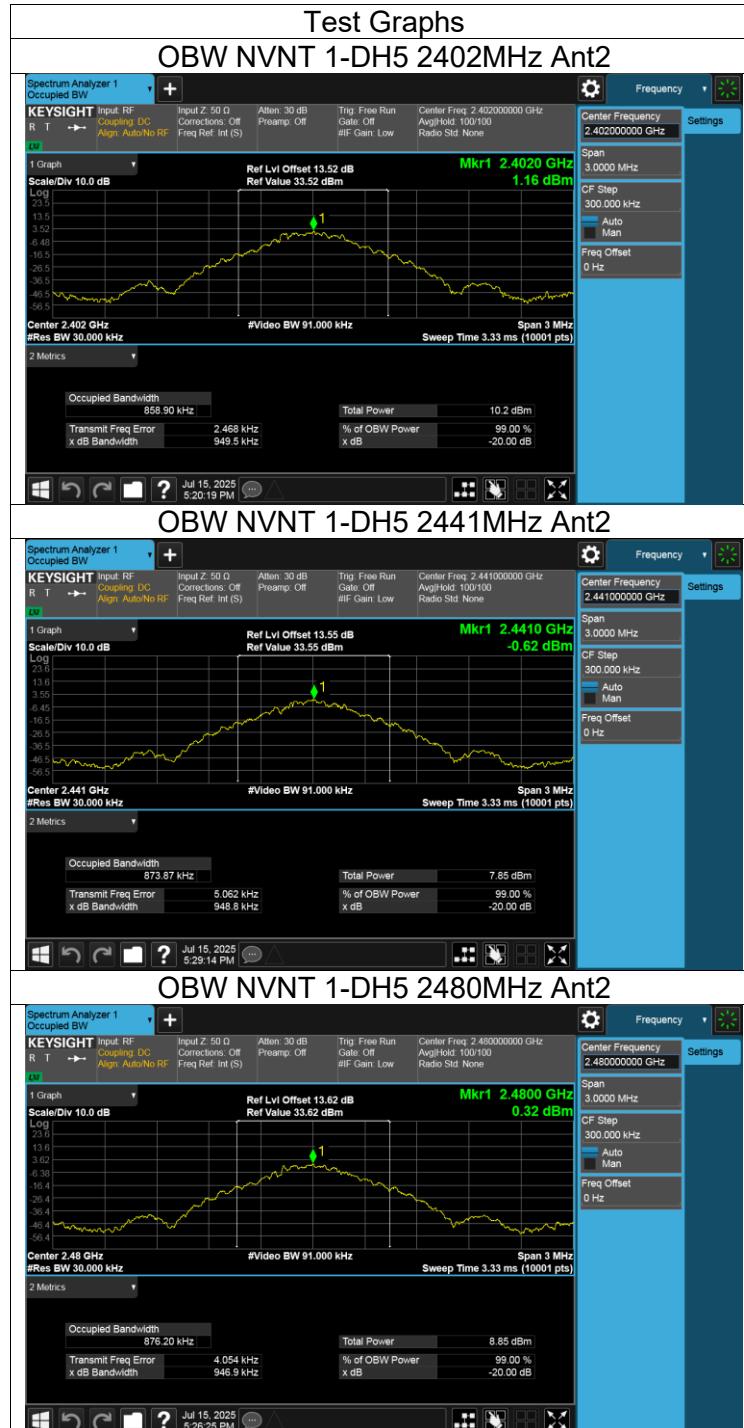
Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
1-DH5	2402	Ant2	0.948	Pass
1-DH5	2441	Ant2	0.953	Pass
1-DH5	2480	Ant2	0.949	Pass
3-DH5	2402	Ant2	1.274	Pass
3-DH5	2441	Ant2	1.262	Pass
3-DH5	2480	Ant2	1.29	Pass

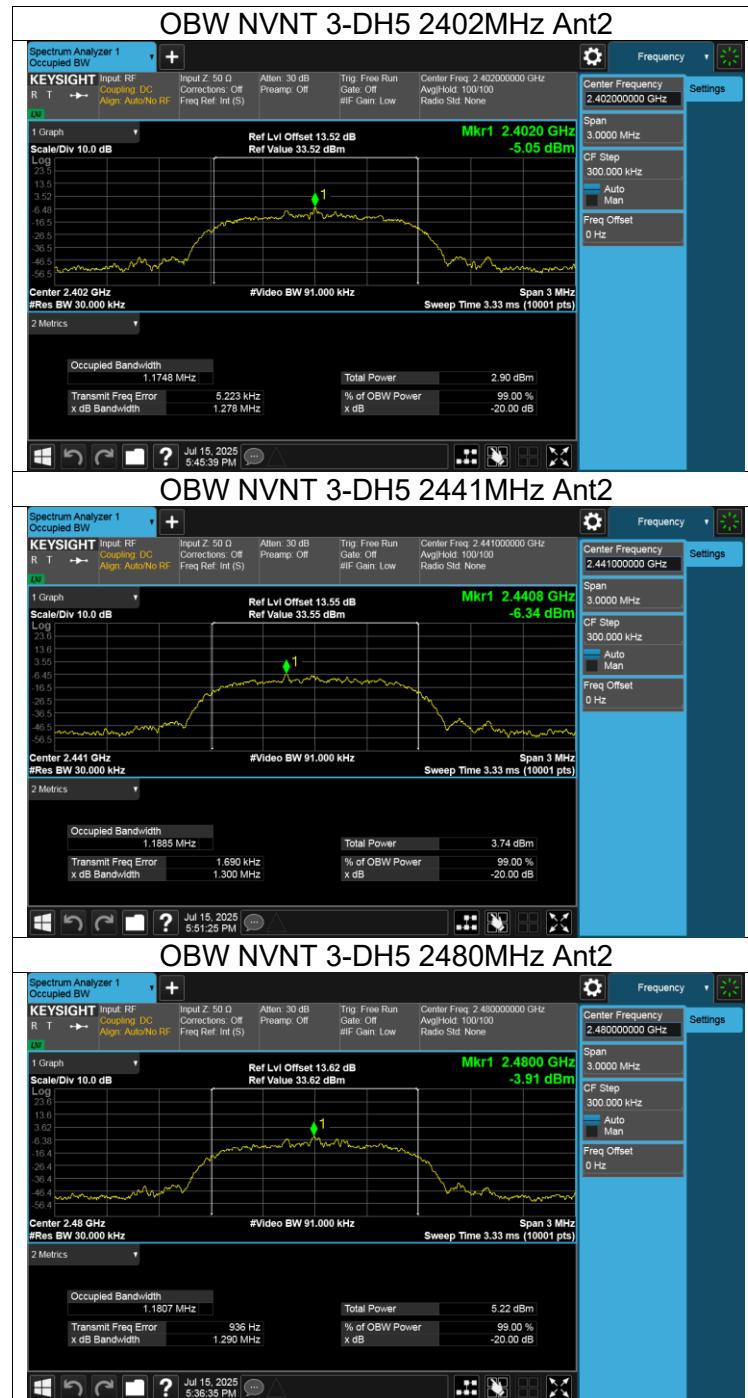




11.4. APPENDIX D: OCCUPIED CHANNEL BANDWIDTH

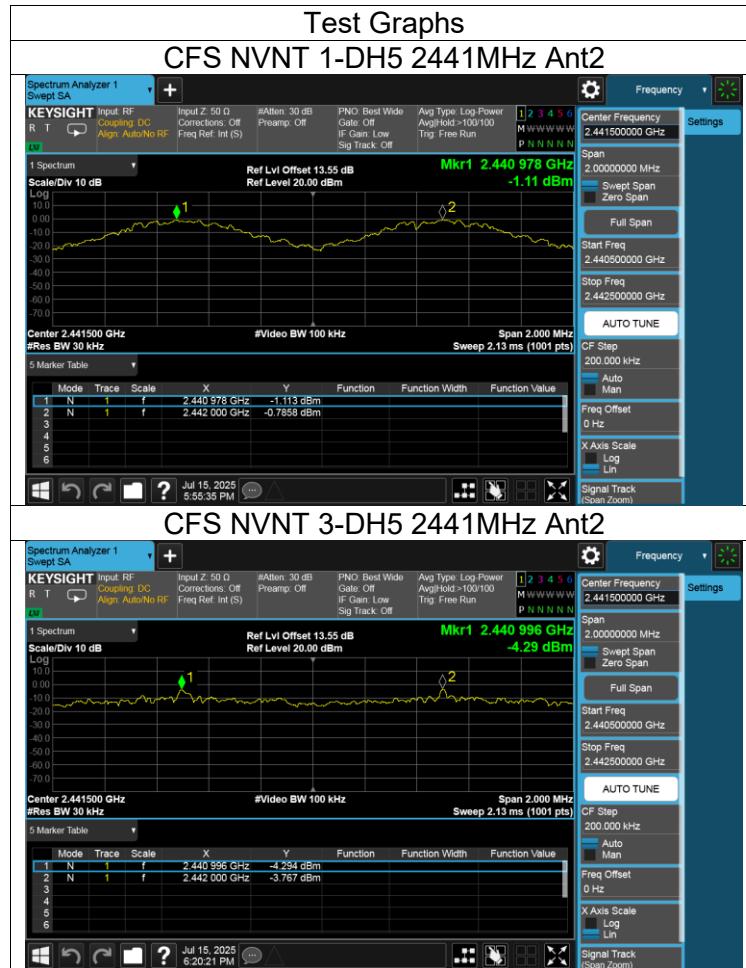
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
1-DH5	2402	Ant2	0.859
1-DH5	2441	Ant2	0.874
1-DH5	2480	Ant2	0.876
3-DH5	2402	Ant2	1.175
3-DH5	2441	Ant2	1.188
3-DH5	2480	Ant2	1.181





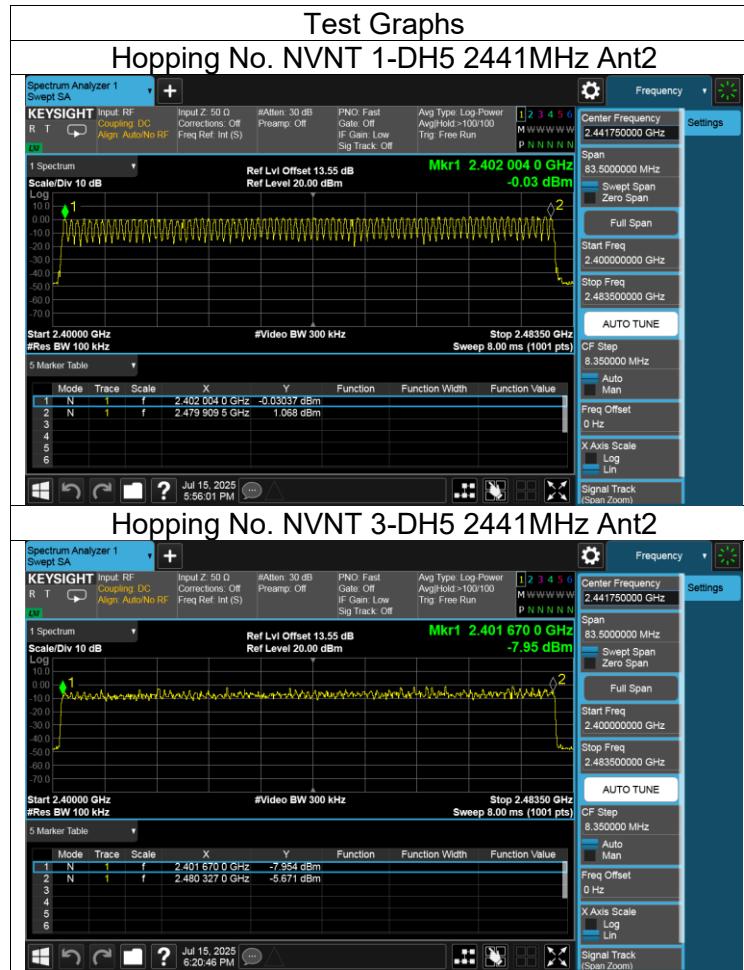
11.5. APPENDIX E: CARRIER FREQUENCIES SEPARATION

Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
1-DH5	Ant2	2440.978	2442	1.022	≥0.635	Pass
3-DH5	Ant2	2440.996	2442	1.004	≥0.841	Pass



11.6. APPENDIX F:NUMBER OF HOPPING CHANNEL

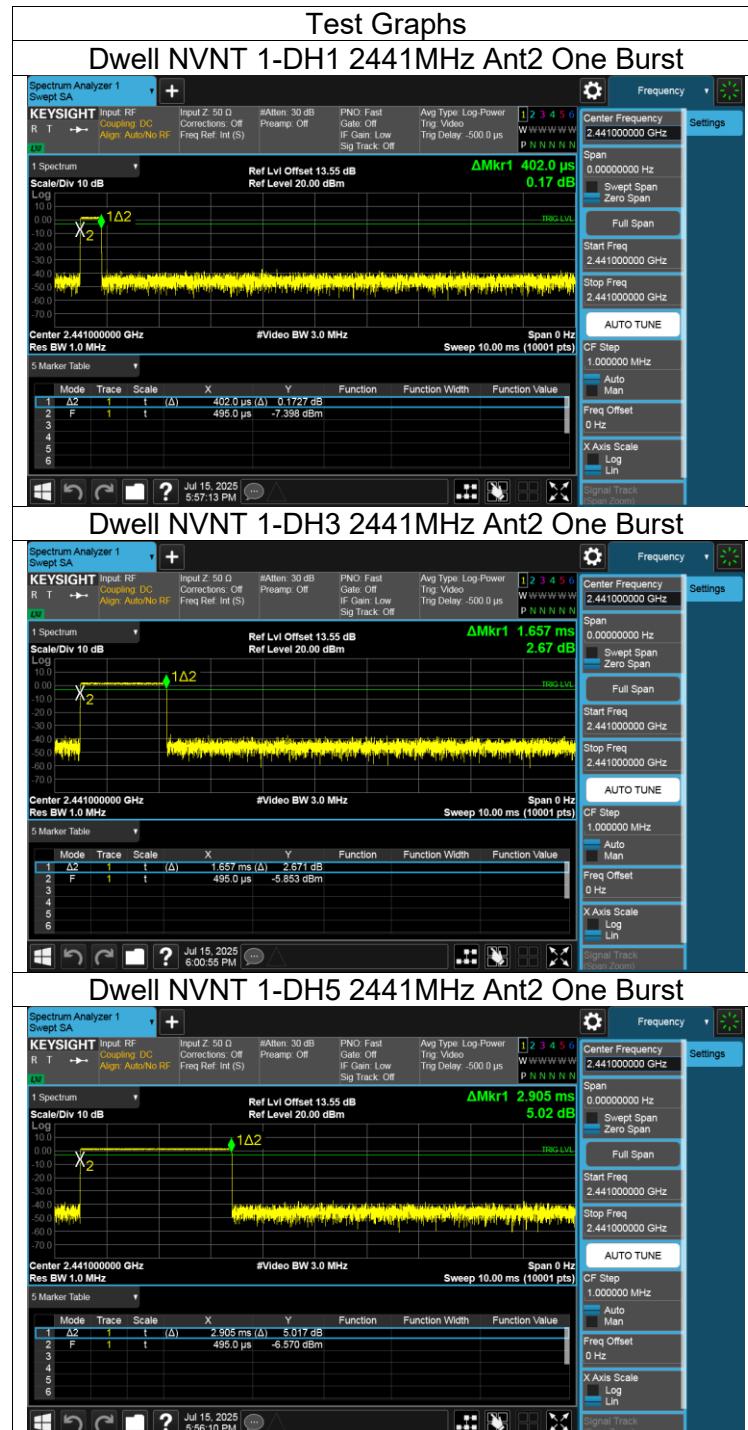
Mode	Antenna	Hopping Number	Limit	Verdict
1-DH5	Ant2	79	≥15	Pass
3-DH5	Ant2	79	≥15	Pass

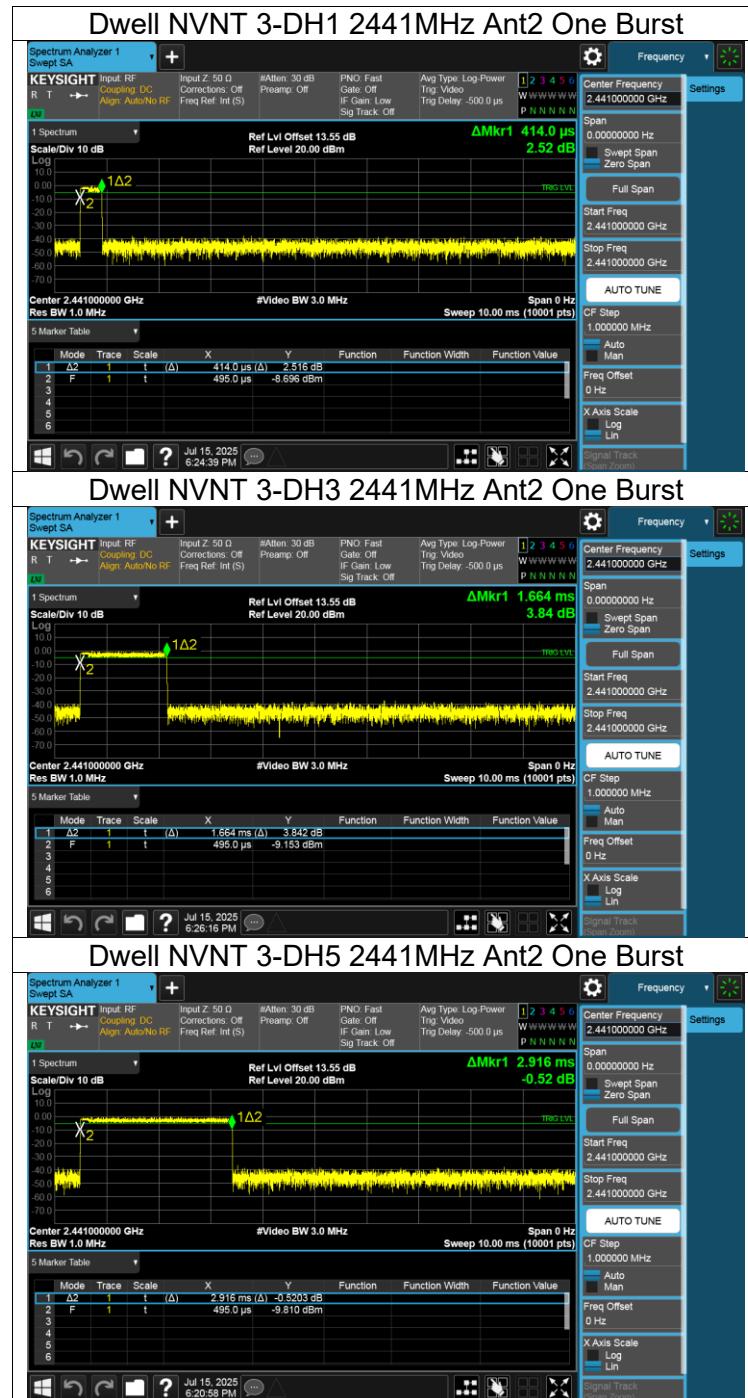


11.7. APPENDIX G:DWELL TIME

FHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant2	Hop	0.402	0.129	≤0.4	PASS
DH3	Ant2	Hop	1.657	0.265	≤0.4	PASS
DH5	Ant2	Hop	2.905	0.310	≤0.4	PASS
3DH1	Ant2	Hop	0.414	0.132	≤0.4	PASS
3DH3	Ant2	Hop	1.664	0.266	≤0.4	PASS
3DH5	Ant2	Hop	2.916	0.311	≤0.4	PASS

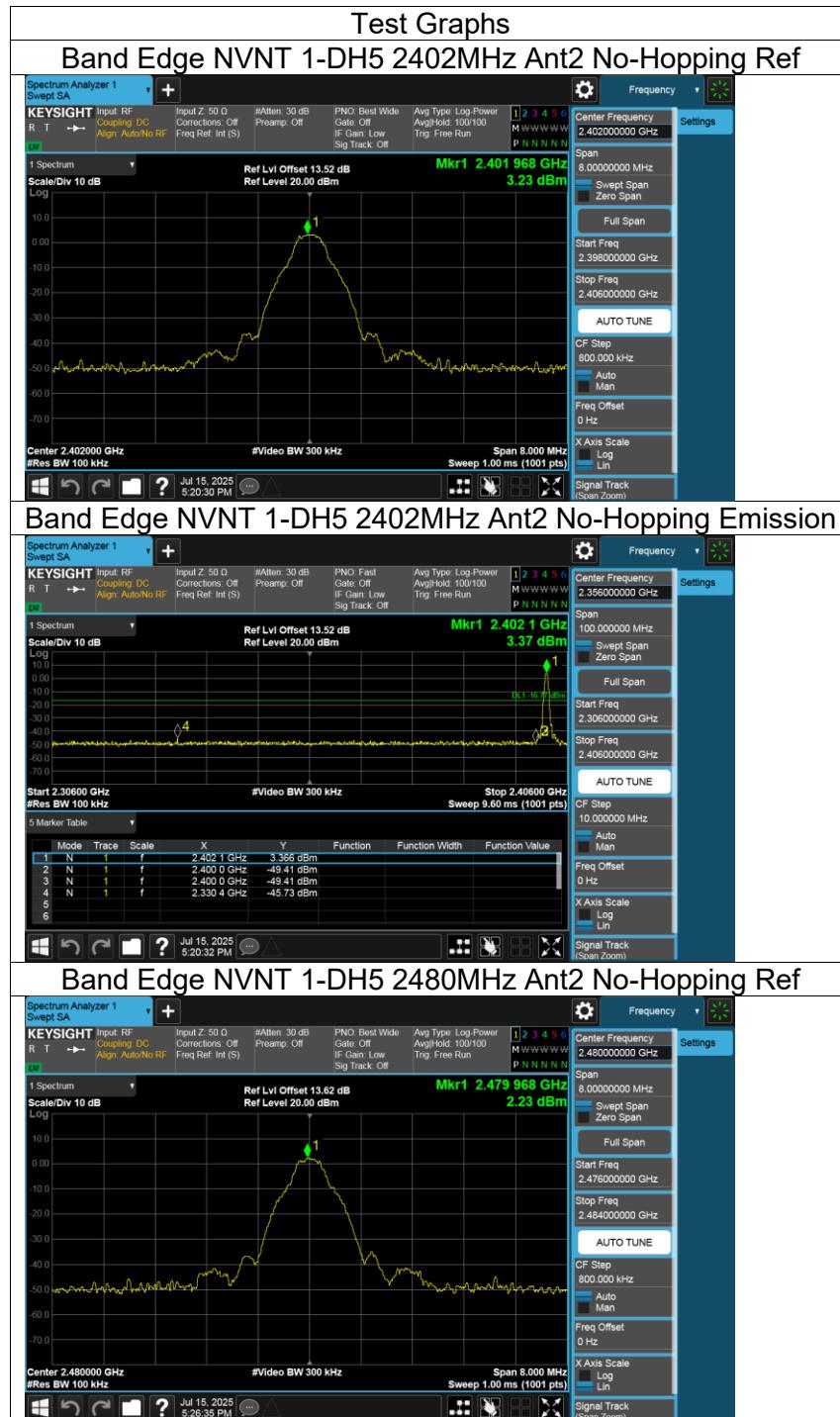
AFHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant2	Hop	0.402	0.064	≤0.4	PASS
DH3	Ant2	Hop	1.657	0.133	≤0.4	PASS
DH5	Ant2	Hop	2.905	0.155	≤0.4	PASS
3DH1	Ant2	Hop	0.414	0.066	≤0.4	PASS
3DH3	Ant2	Hop	1.664	0.133	≤0.4	PASS
3DH5	Ant2	Hop	2.916	0.156	≤0.4	PASS



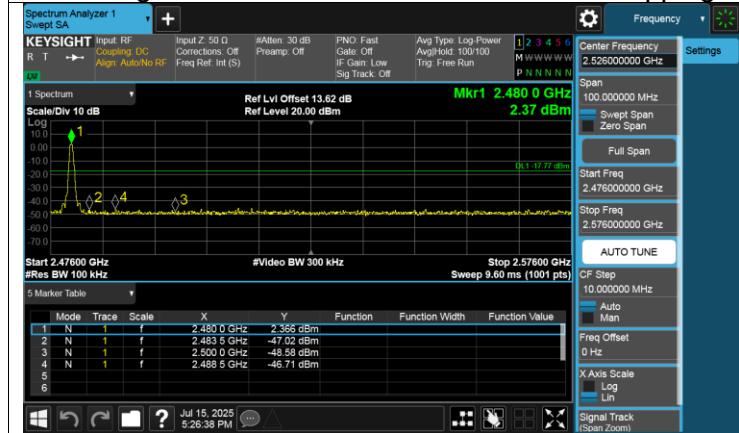


11.8. APPENDIX H:BAND EDGE

Mode	Frequency (MHz)	Antenna	Hopping Mode	Verdict
1-DH5	2402	Ant2	No-Hopping	Pass
1-DH5	2480	Ant2	No-Hopping	Pass
3-DH5	2402	Ant2	No-Hopping	Pass
3-DH5	2480	Ant2	No-Hopping	Pass



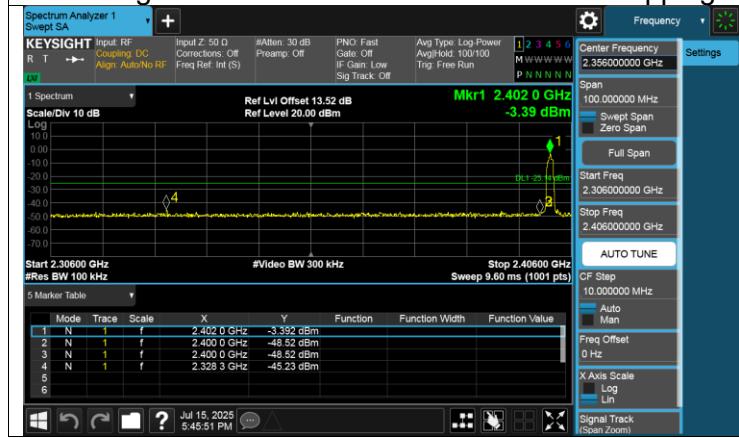
Band Edge NVNT 1-DH5 2480MHz Ant2 No-Hopping Emission



Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Ref



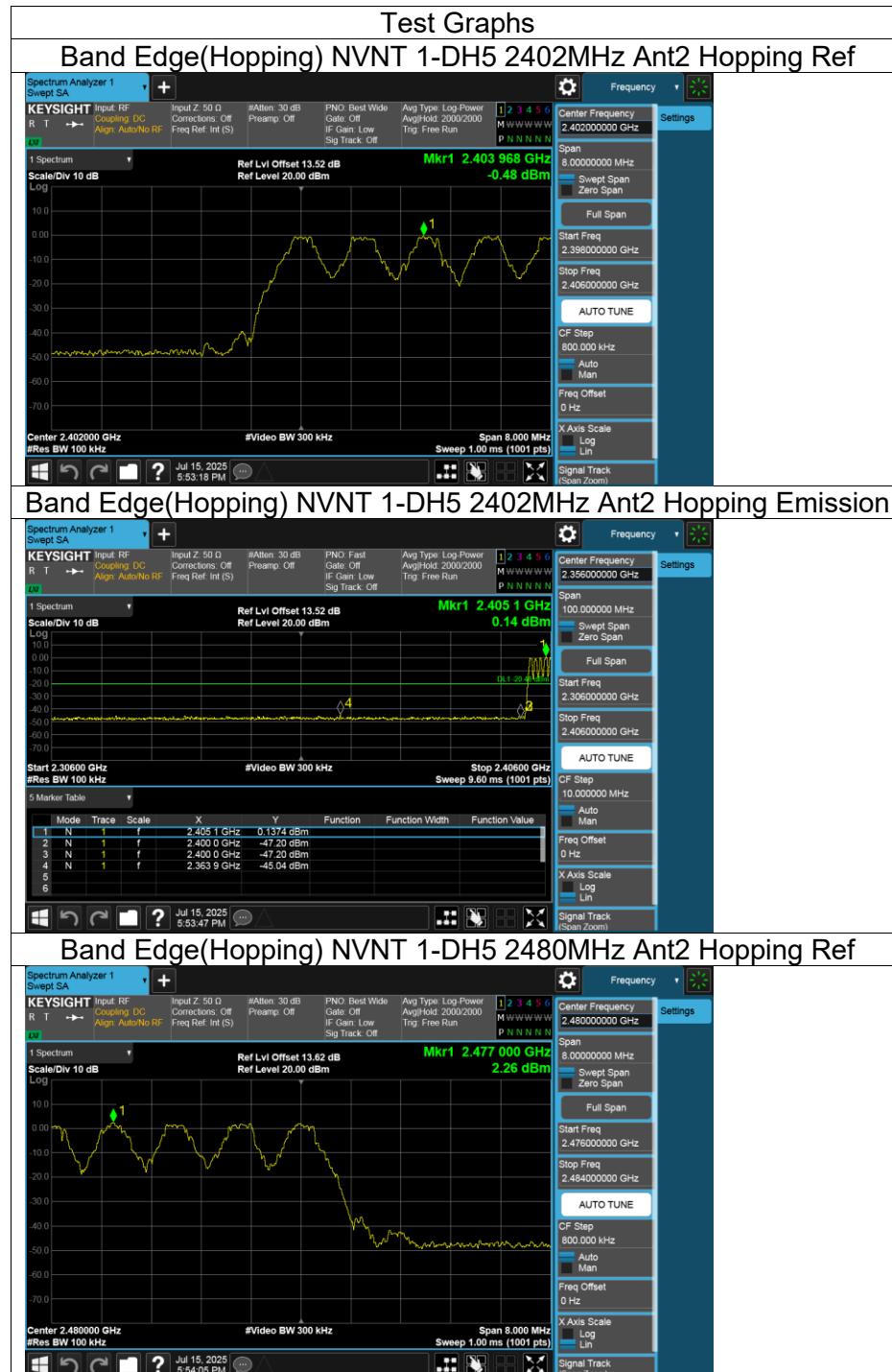
Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Emission



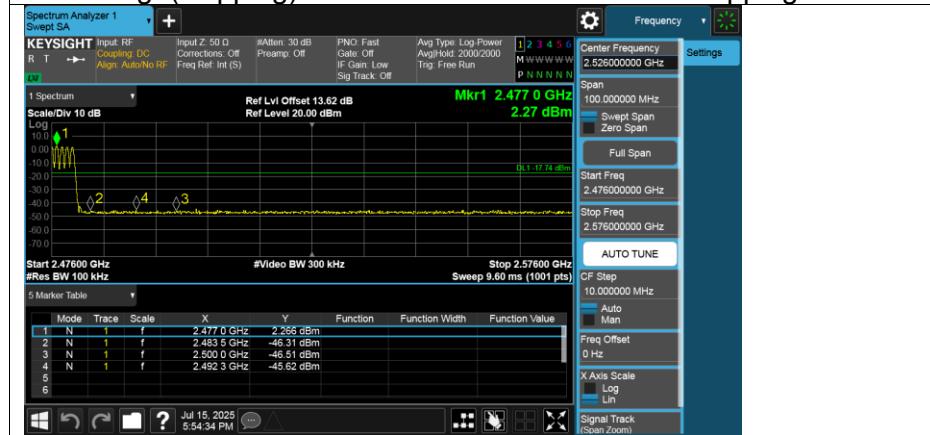


11.9. APPENDIX I:BAND EDGE(HOPPING)

Mode	Frequency (MHz)	Antenna	Hopping Mode	Verdict
1-DH5	2402	Ant2	Hopping	Pass
1-DH5	2480	Ant2	Hopping	Pass
3-DH5	2402	Ant2	Hopping	Pass
3-DH5	2480	Ant2	Hopping	Pass



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant2 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant2 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant2 Hopping Emission





11.10. APPENDIX J: CONDUCTED RF SPURIOUS EMISSION

Mode	Frequency (MHz)	Antenna	Verdict
1-DH5	2402	Ant2	Pass
1-DH5	2441	Ant2	Pass
1-DH5	2480	Ant2	Pass
3-DH5	2402	Ant2	Pass
3-DH5	2441	Ant2	Pass
3-DH5	2480	Ant2	Pass

