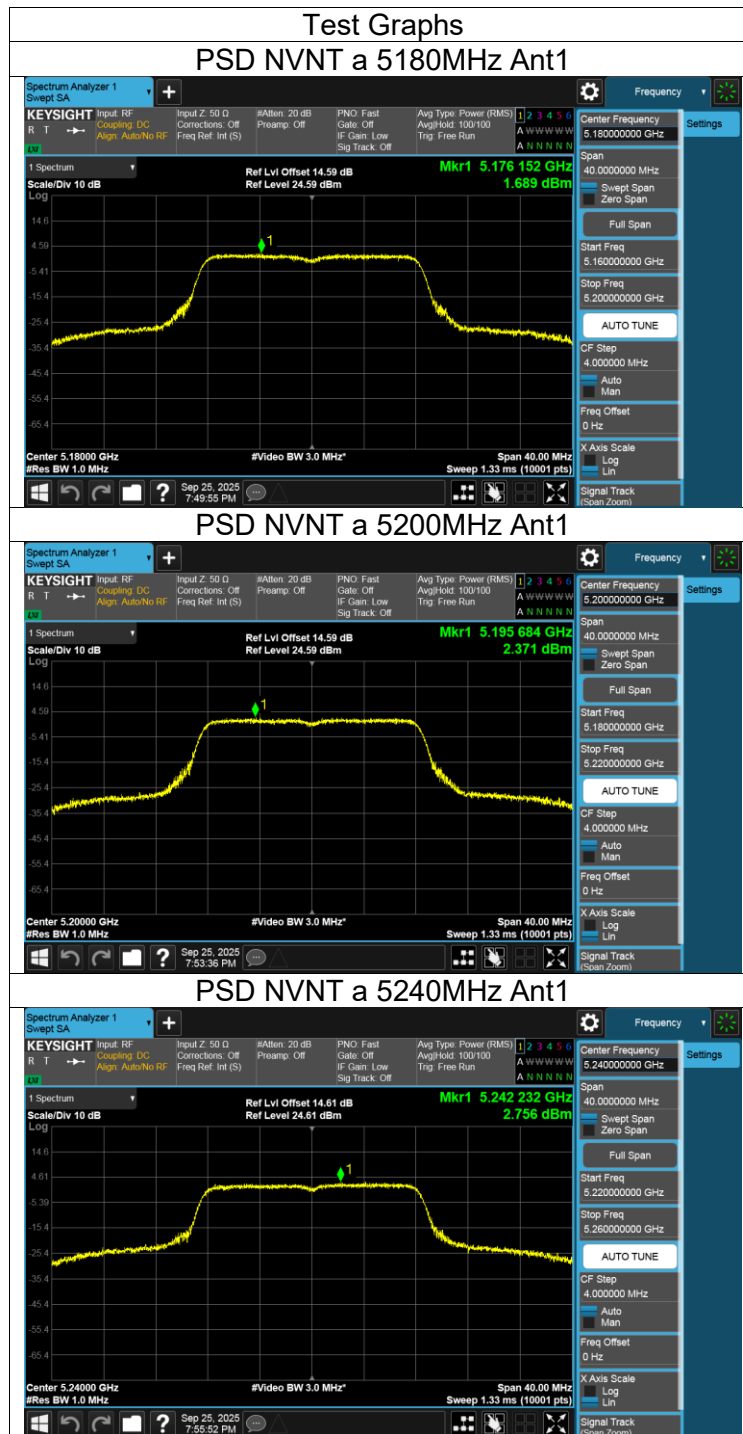
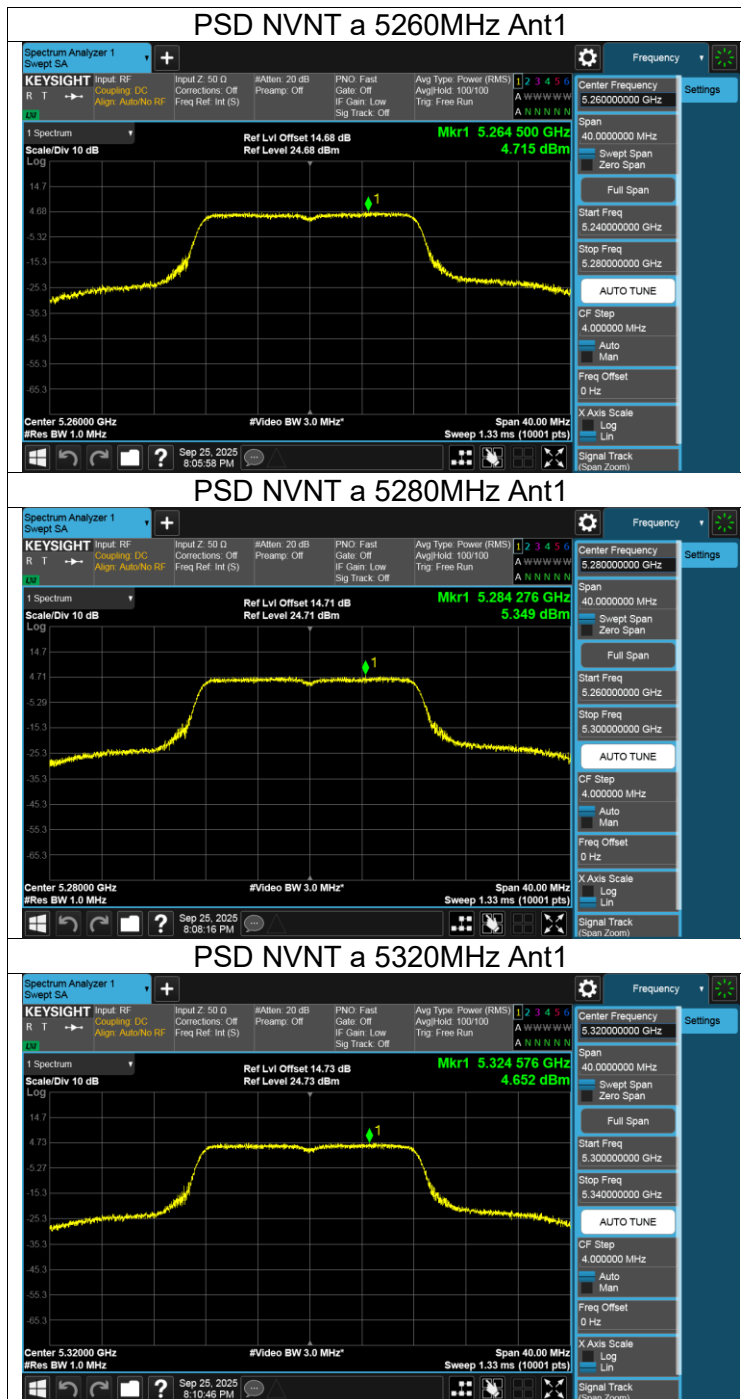
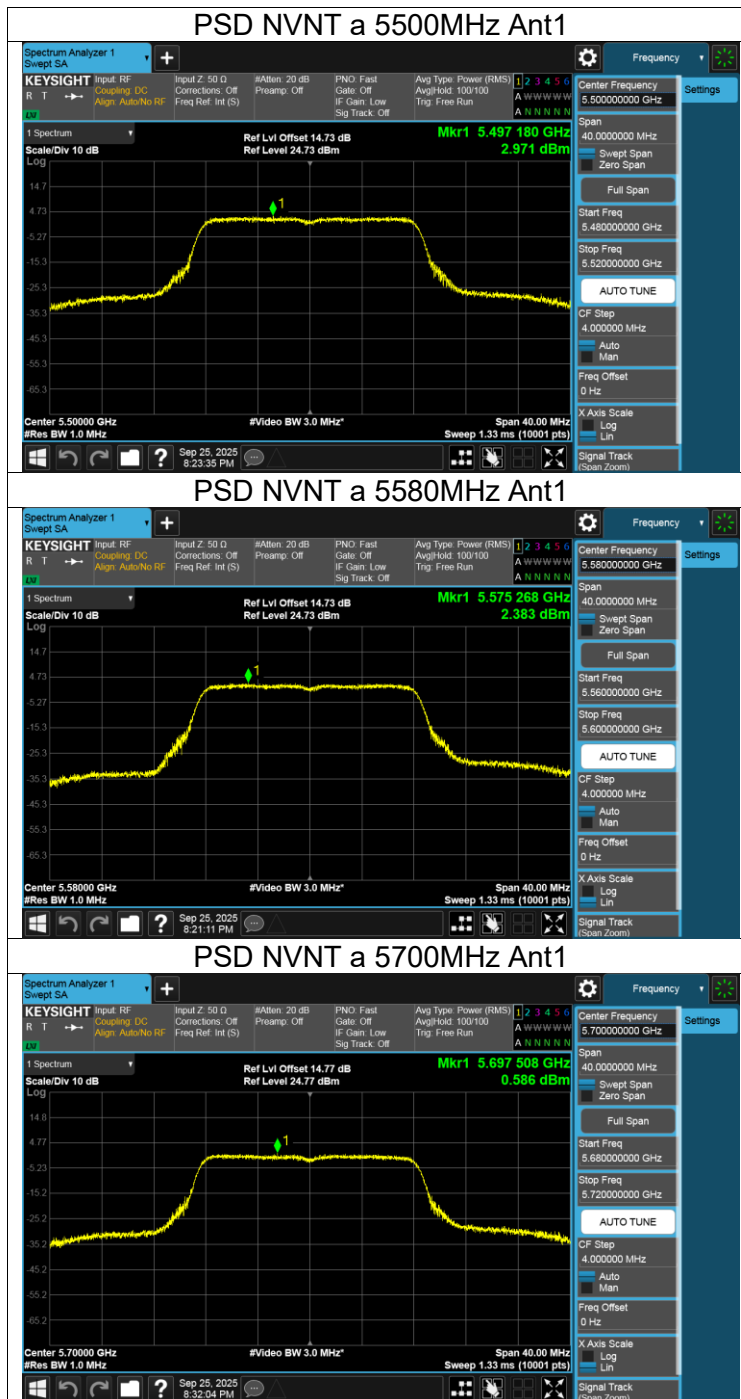
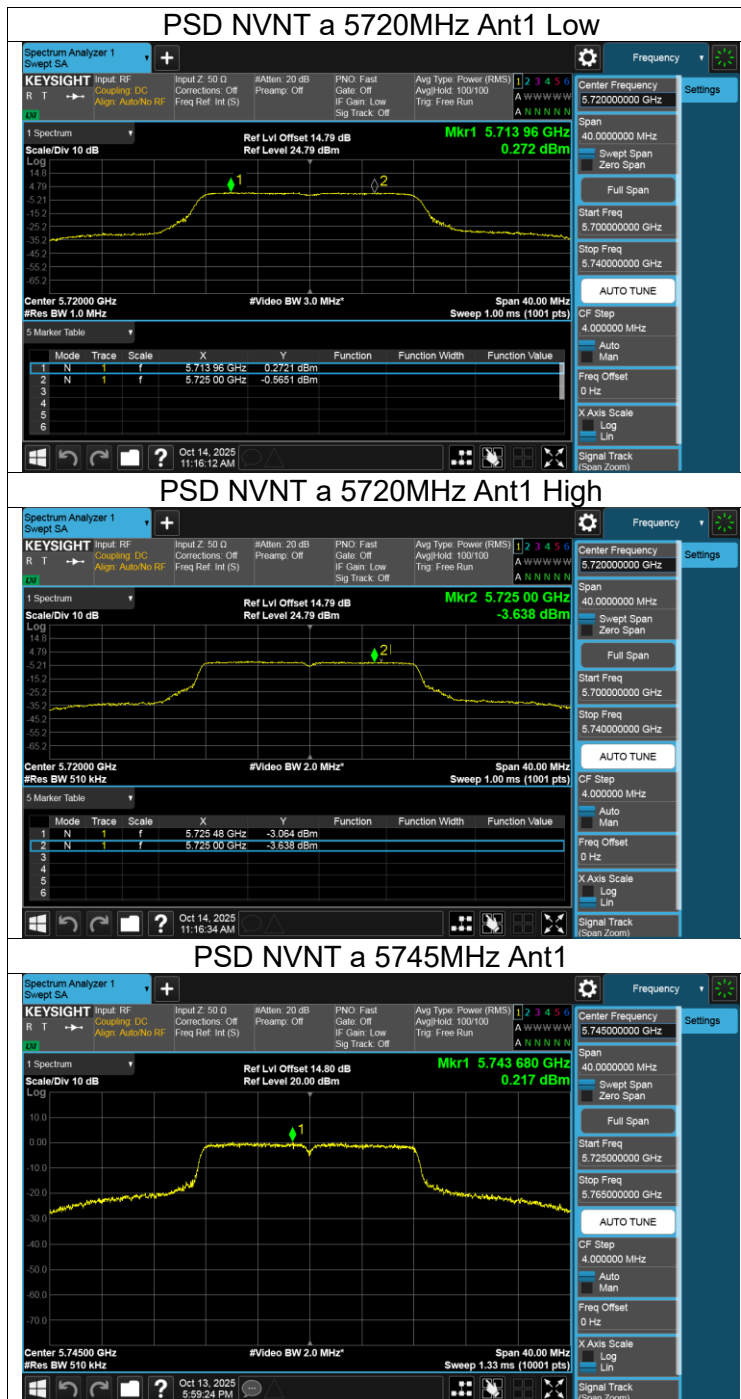
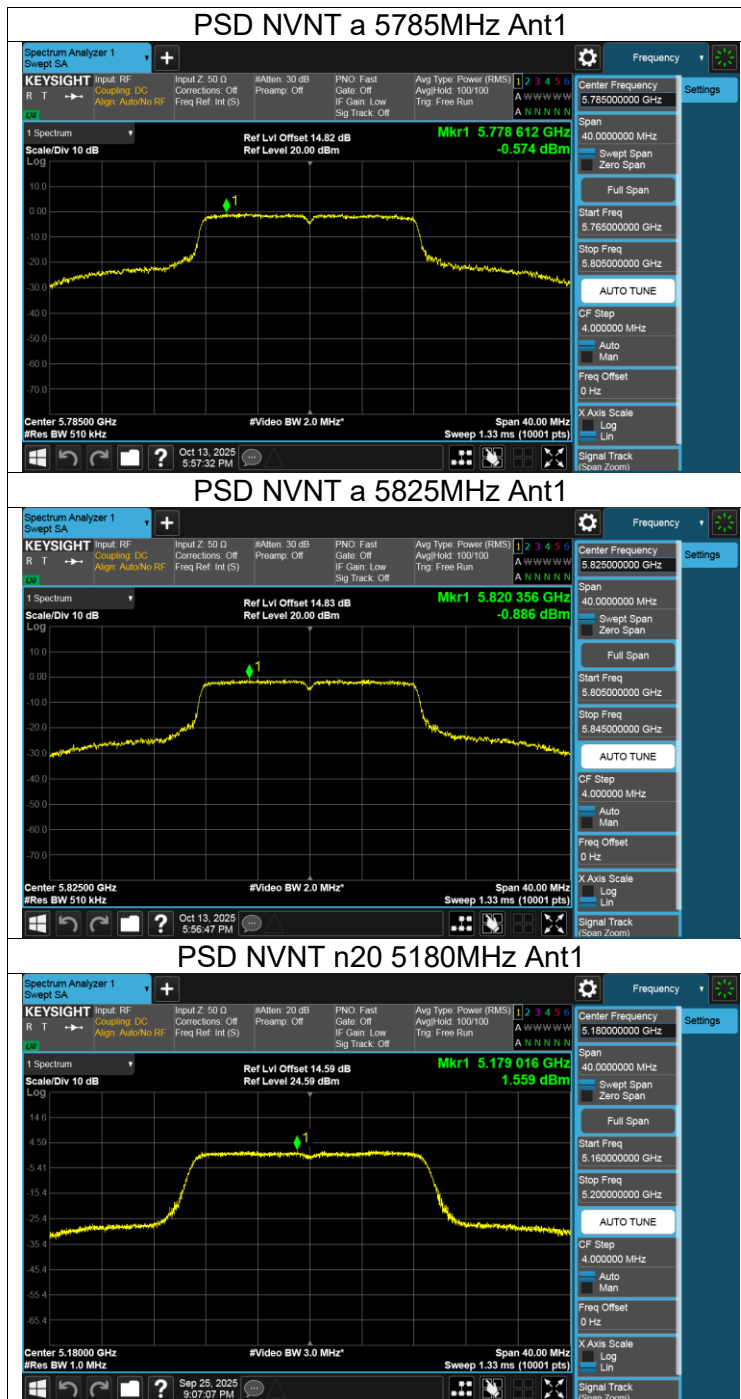


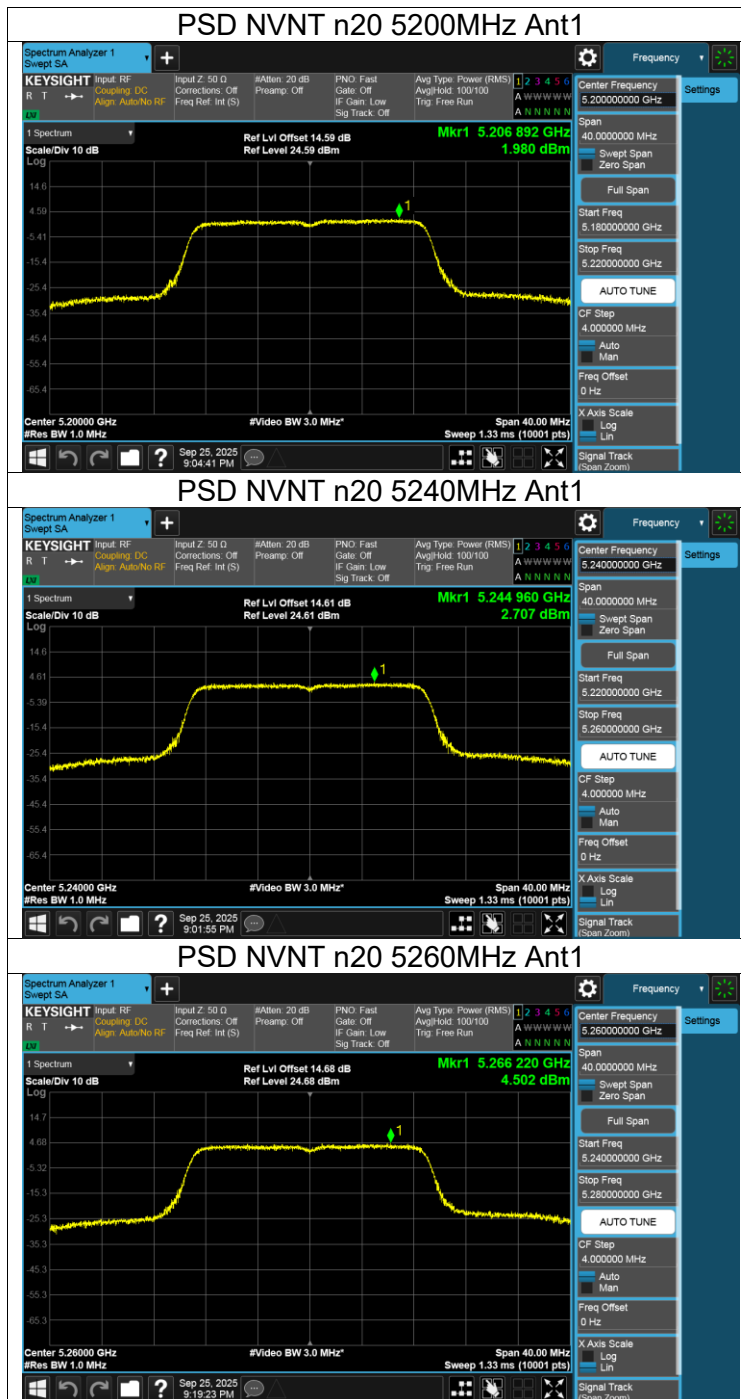


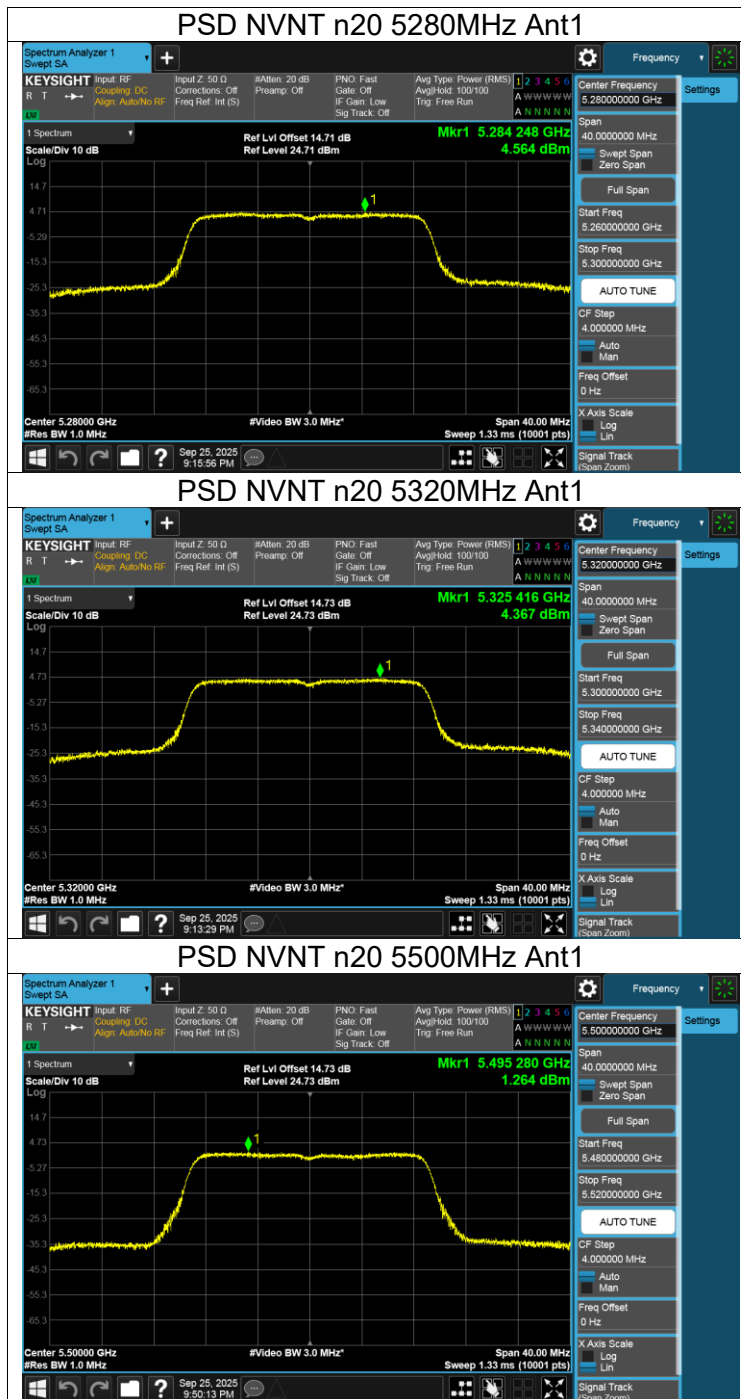


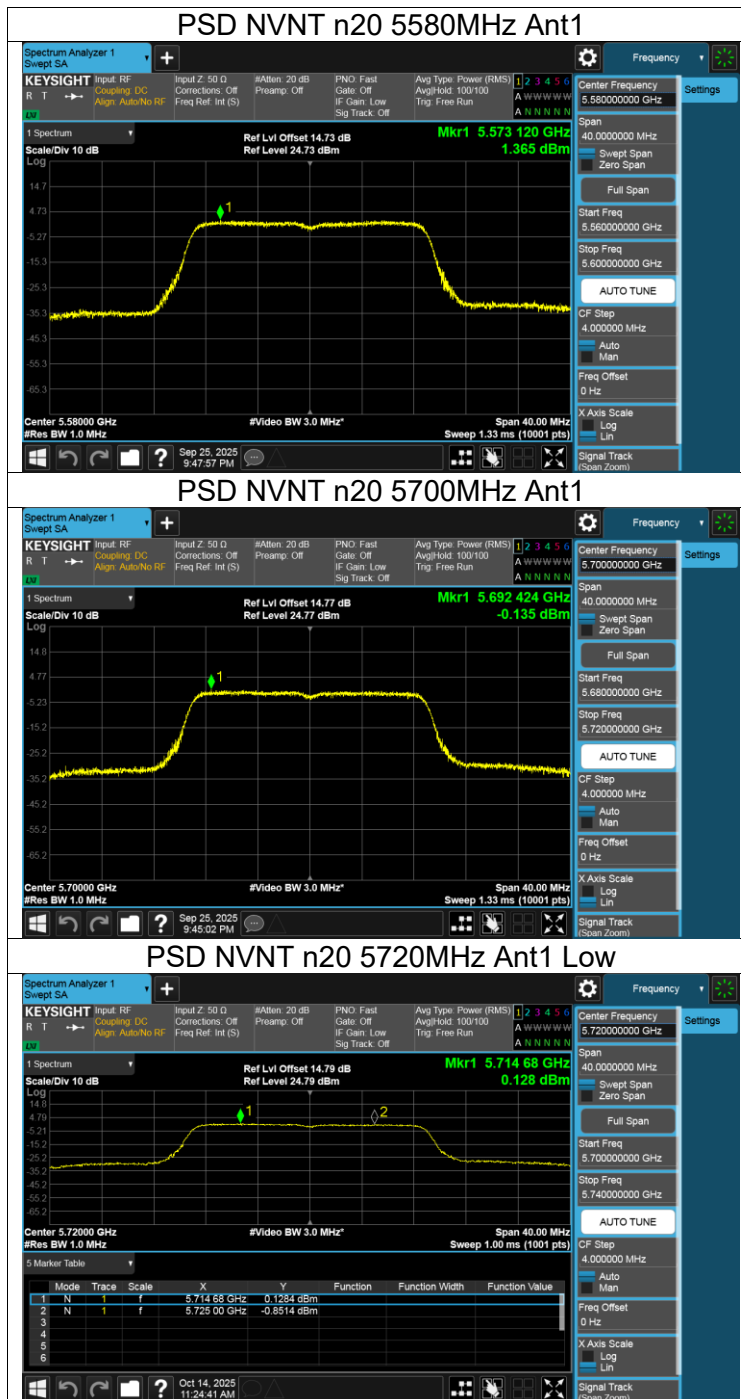


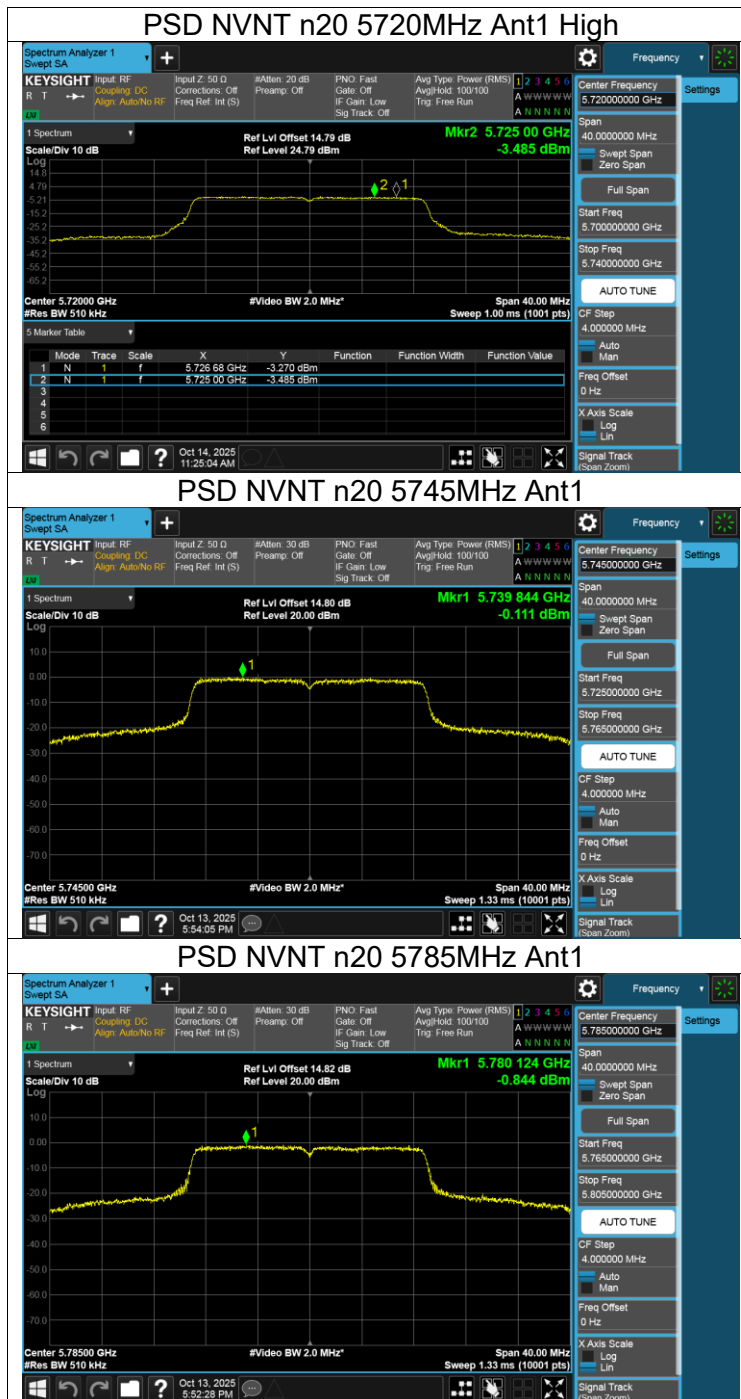


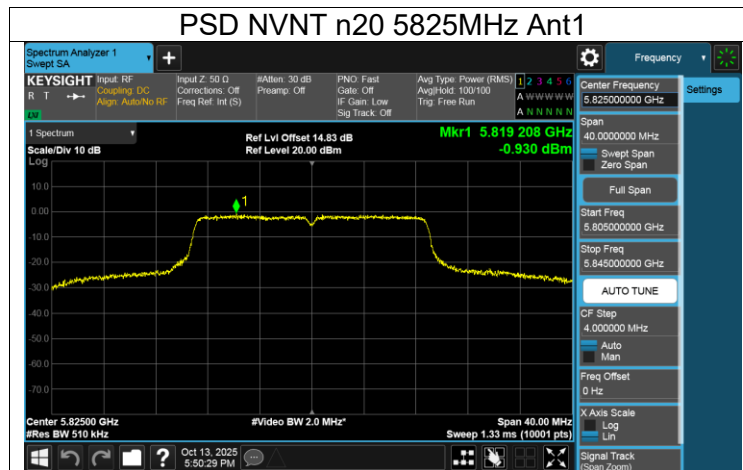












Appendix G1: Frequency Stability

Frequency Error vs. Voltage									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5180.0116	2.24	5179.9966	-0.65	5180.0232	4.48	5179.9857	-2.76
TN	VN	5179.9971	-0.57	5179.9891	-2.11	5180.0242	4.68	5180.0060	1.16
TN	VH	5180.0243	4.68	5179.9988	-0.23	5180.0172	3.32	5179.9900	-1.93
Frequency Error vs. Temperature									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5179.9825	-3.38	5180.0070	1.35	5179.9771	-4.43	5179.9835	-3.19
40	VN	5180.0107	2.07	5180.0110	2.13	5180.0074	1.43	5180.0039	0.75
30	VN	5180.0127	2.46	5180.0079	1.53	5179.9838	-3.12	5179.9901	-1.90
20	VN	5179.9961	-0.75	5179.9984	-0.30	5180.0019	0.36	5180.0107	2.08
10	VN	5180.0154	2.97	5179.9767	-4.50	5179.9894	-2.05	5179.9989	-0.20
0	VN	5179.9813	-3.61	5180.0226	4.37	5180.0176	3.41	5180.0002	0.04

Note:

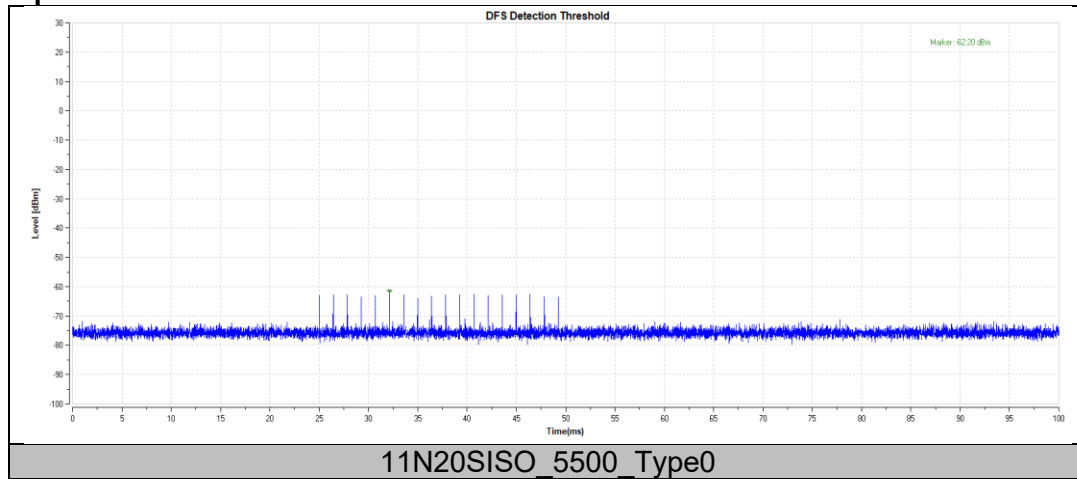
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

Appendix H1: DFS Detection Thresholds

Test Result

TestMode	Channel	Radar Type	Result	Verdict
11N20SISO	5500	Type0	-62.20	PASS

Test Graphs

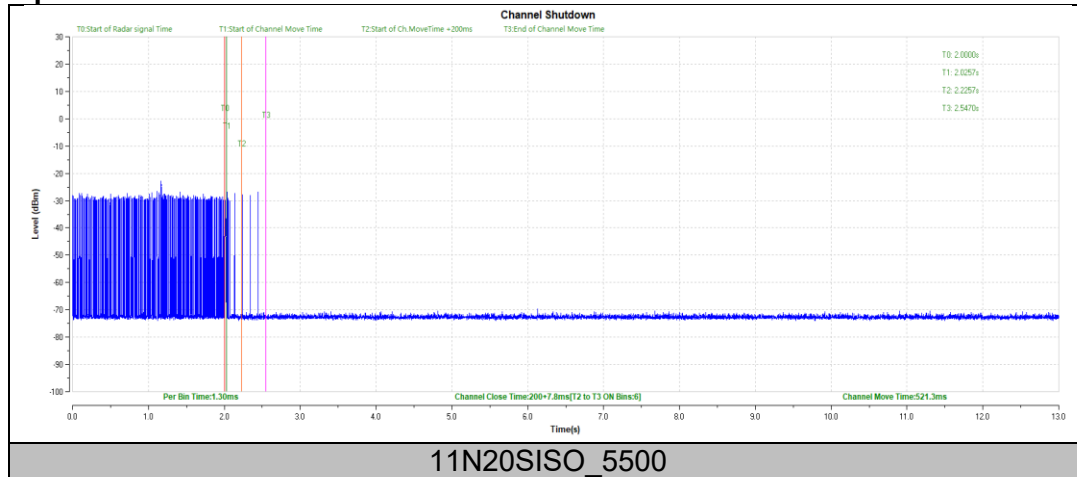


Appendix I1: Channel Move Time and Channel Closing Transmission Time

Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11N20SISO	5500	200+7.8	200+60	521.3	10000	PASS

Test Graphs



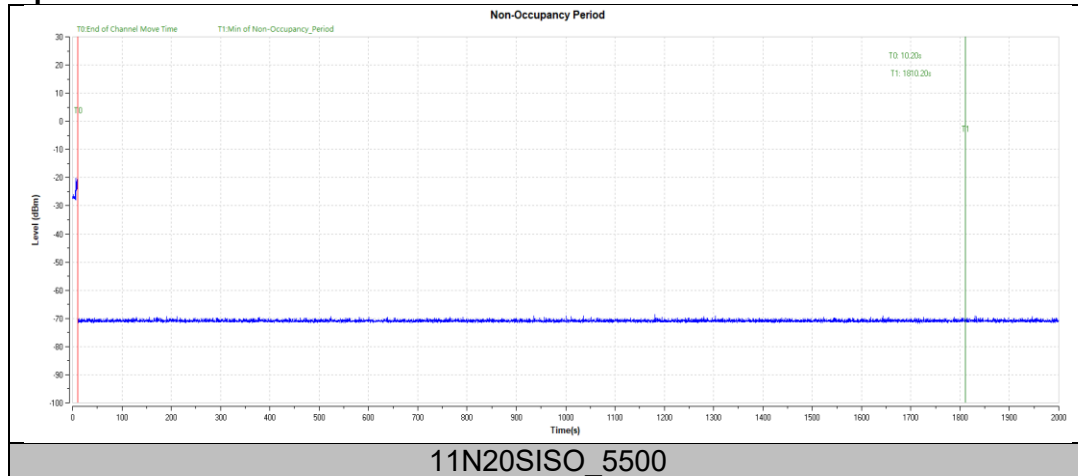
Note: All modes and antennas have been tested, only the worst data recorded in the report.

Appendix J1: Non-Occupancy Period

Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11N20SISO	5500	see test graph	≥1800	PASS

Test Graphs



Note: All modes and antennas have been tested, only the worst data recorded in the report.

12. TEST DATA – ANT2

Appendix A2: 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)
a	1.43	1.535	0.9316	93.16	0.31	0.70	1
n20	1.342	1.448	0.9268	92.68	0.33	0.75	1

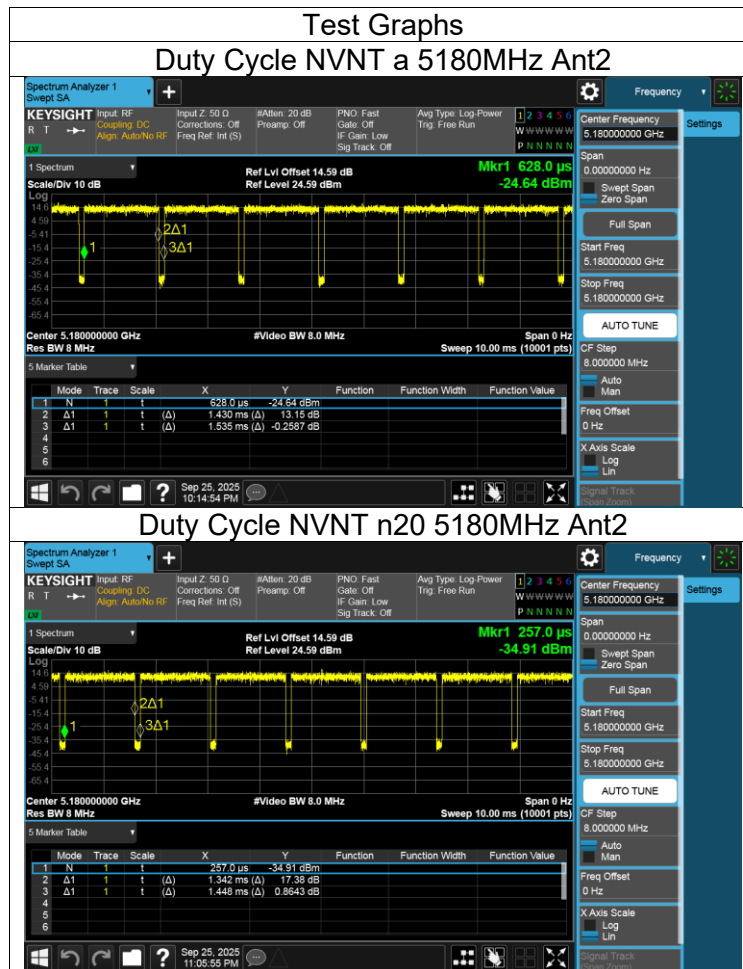
Note:

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

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.

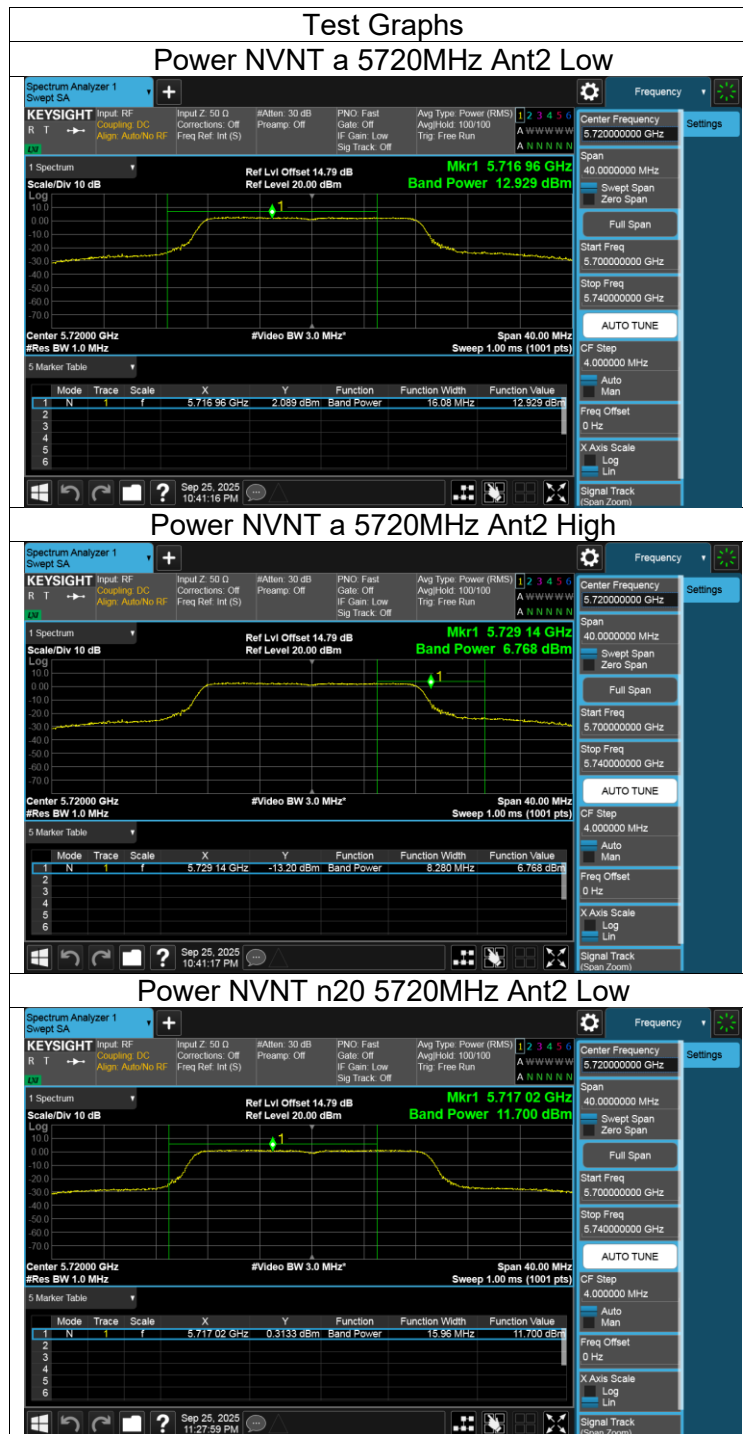


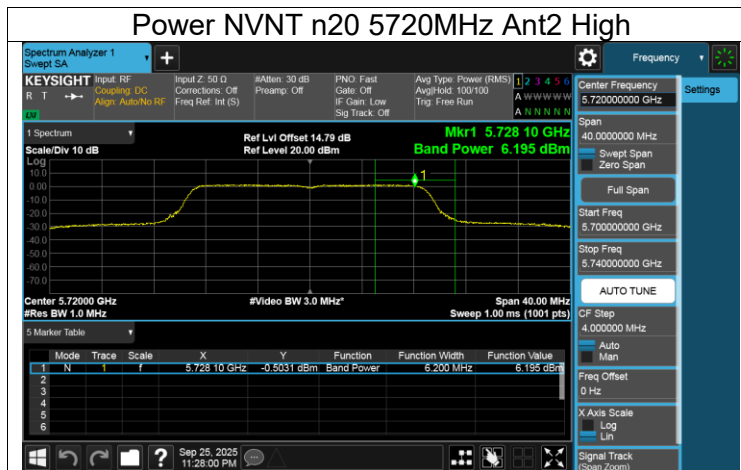
Appendix B2: Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	FCC Limit (dBm)	Verdict
a	5180	Ant2	12.8	≤23.88	Pass
a	5200	Ant2	13.23	≤23.88	Pass
a	5240	Ant2	13.63	≤23.88	Pass
a	5260	Ant2	15.19	≤23.88	Pass
a	5280	Ant2	15.62	≤23.88	Pass
a	5320	Ant2	16.14	≤23.88	Pass
a	5500	Ant2	13.37	≤23.88	Pass
a	5580	Ant2	14.26	≤23.88	Pass
a	5700	Ant2	14	≤23.88	Pass
a	5720 Low	Ant2	13.24	≤22.76	Pass
a	5720 High	Ant2	7.08	≤29.90	Pass
a	5745	Ant2	15.99	≤29.90	Pass
a	5785	Ant2	15.3	≤29.90	Pass
a	5825	Ant2	14.75	≤29.90	Pass
n20	5180	Ant2	11.56	≤23.88	Pass
n20	5200	Ant2	11.59	≤23.88	Pass
n20	5240	Ant2	12.66	≤23.88	Pass
n20	5260	Ant2	14.32	≤23.88	Pass
n20	5280	Ant2	14.71	≤23.88	Pass
n20	5320	Ant2	15.11	≤23.88	Pass
n20	5500	Ant2	12.27	≤23.88	Pass
n20	5580	Ant2	13.36	≤23.88	Pass
n20	5700	Ant2	13.22	≤23.88	Pass
n20	5720 Low	Ant2	12.03	≤22.82	Pass
n20	5720 High	Ant2	6.53	≤29.90	Pass
n20	5745	Ant2	16.12	≤29.90	Pass
n20	5785	Ant2	15.59	≤29.90	Pass
n20	5825	Ant2	14.88	≤29.90	Pass

Note: 1. Conducted Power=Meas. Level+ Correction Factor

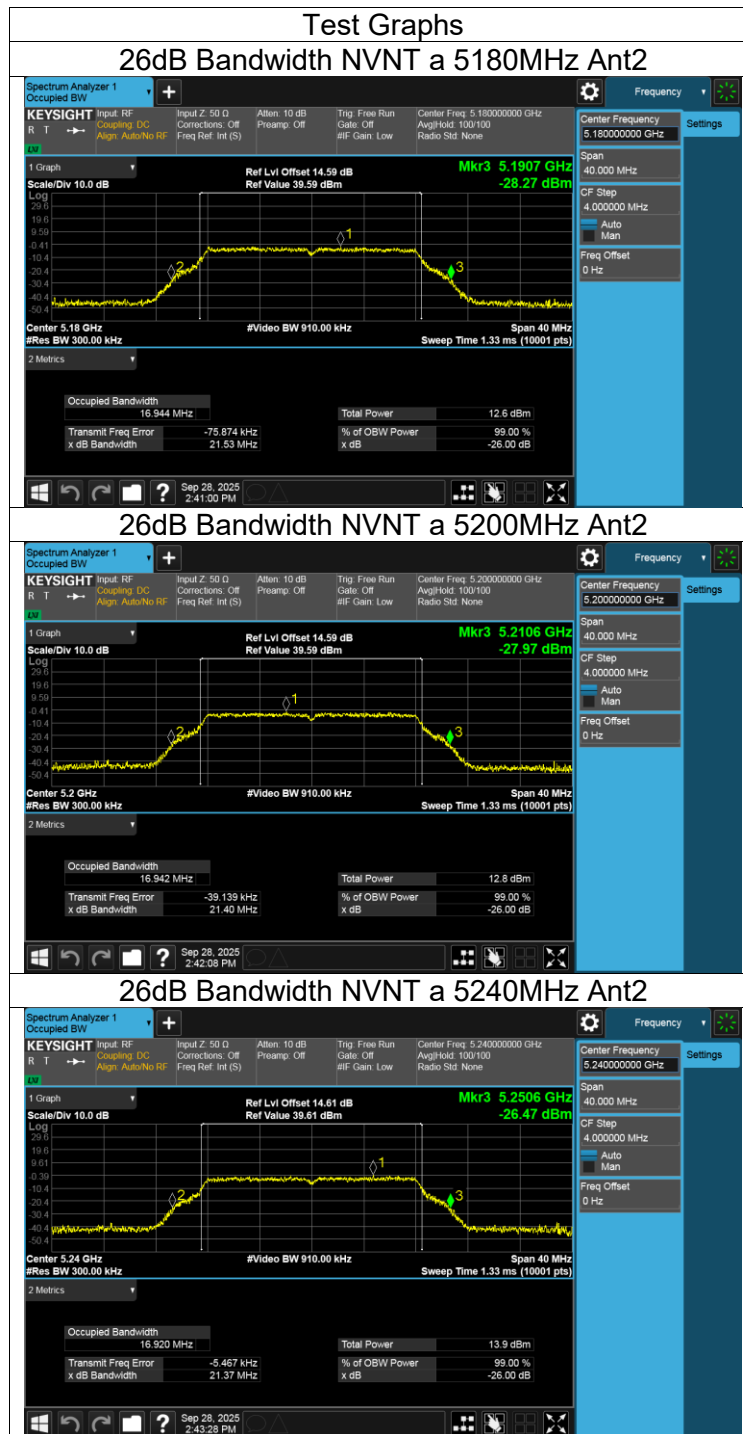
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

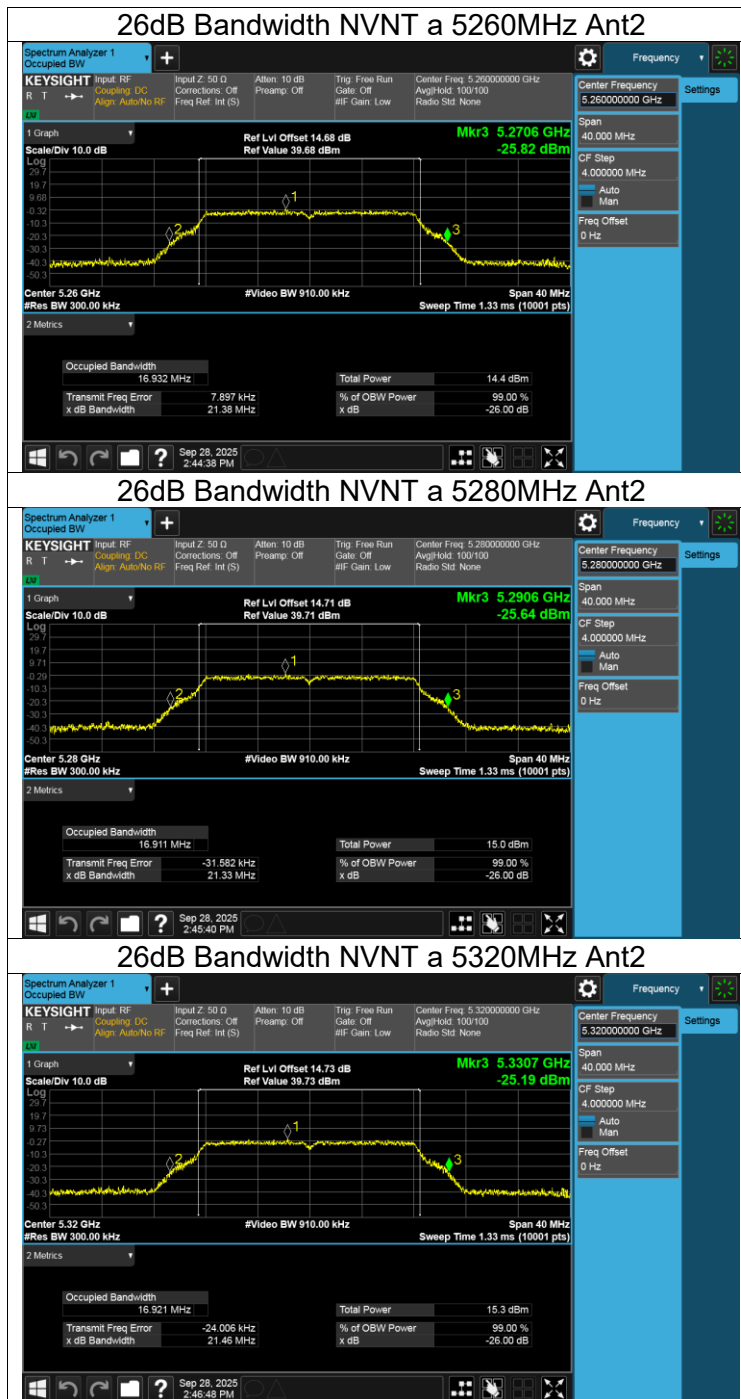


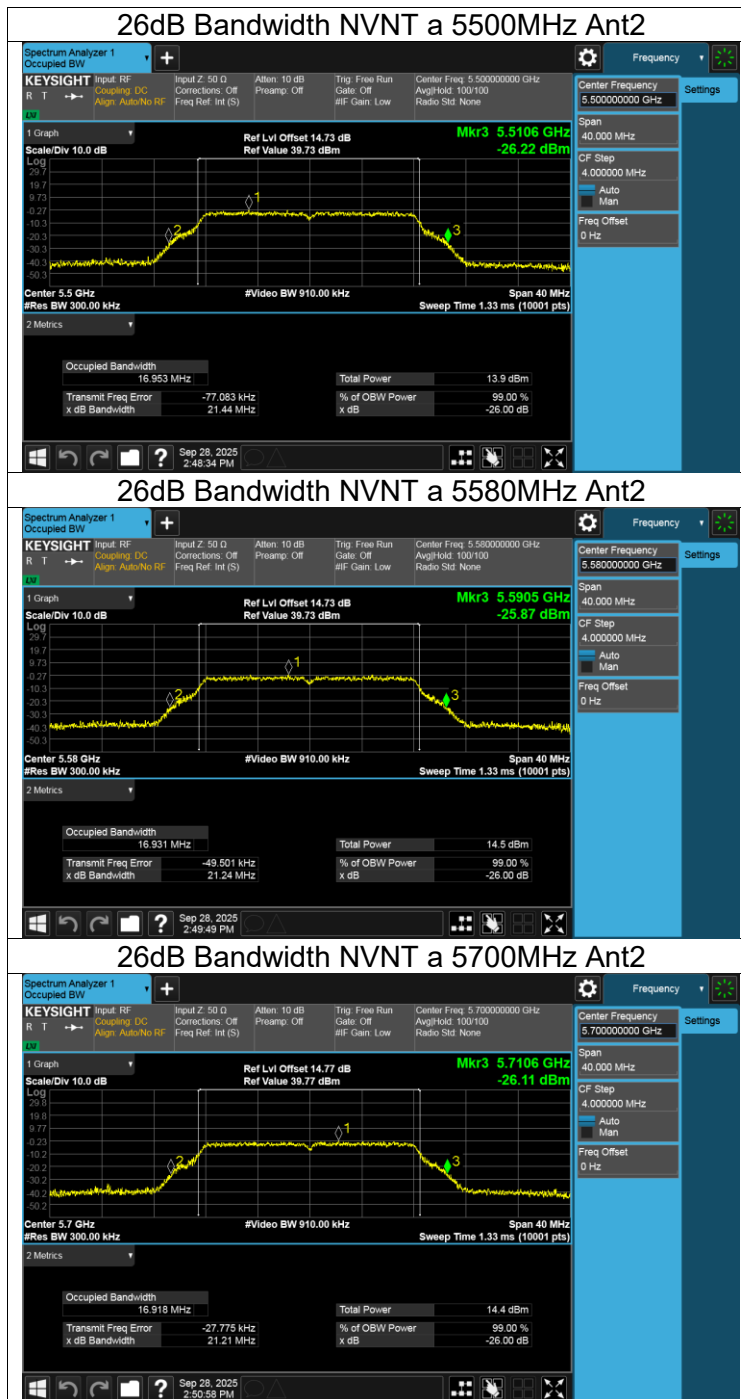


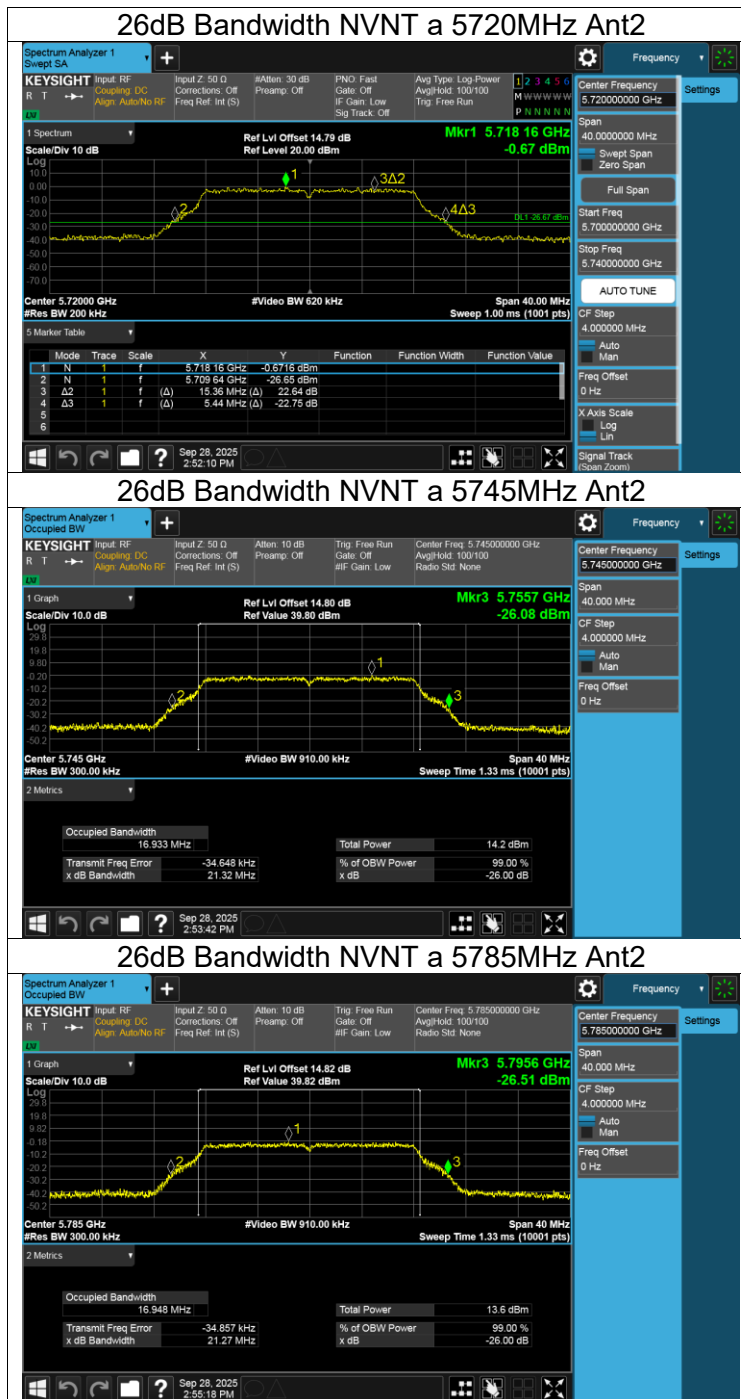
Appendix C2: 26dB Bandwidth

Mode	Frequency (MHz)	Antenna	26dB Bandwidth (MHz)	Verdict
a	5180	Ant2	21.534	Pass
a	5200	Ant2	21.401	Pass
a	5240	Ant2	21.371	Pass
a	5260	Ant2	21.38	Pass
a	5280	Ant2	21.331	Pass
a	5320	Ant2	21.461	Pass
a	5500	Ant2	21.44	Pass
a	5580	Ant2	21.241	Pass
a	5700	Ant2	21.214	Pass
a	5720 Low	Ant2	15.36	Pass
a	5720 High	Ant2	5.44	Pass
a	5745	Ant2	21.317	Pass
a	5785	Ant2	21.268	Pass
a	5825	Ant2	21.392	Pass
n20	5180	Ant2	21.728	Pass
n20	5200	Ant2	21.659	Pass
n20	5240	Ant2	21.642	Pass
n20	5260	Ant2	21.556	Pass
n20	5280	Ant2	21.687	Pass
n20	5320	Ant2	21.546	Pass
n20	5500	Ant2	21.453	Pass
n20	5580	Ant2	21.41	Pass
n20	5700	Ant2	21.793	Pass
n20	5720 Low	Ant2	15.56	Pass
n20	5720 High	Ant2	5.64	Pass
n20	5745	Ant2	21.815	Pass
n20	5785	Ant2	21.659	Pass
n20	5825	Ant2	21.51	Pass

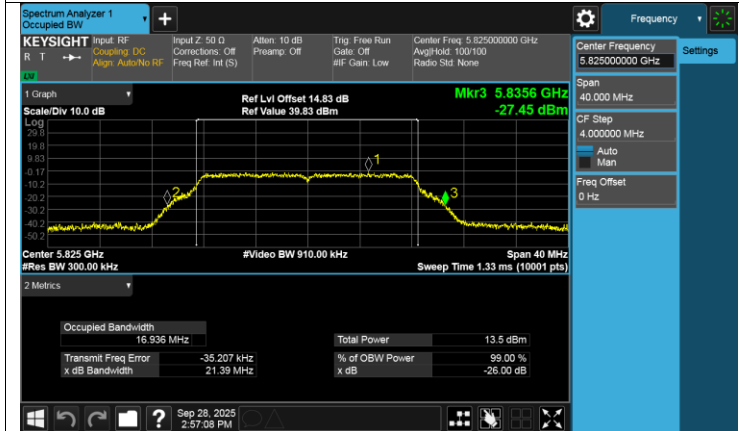




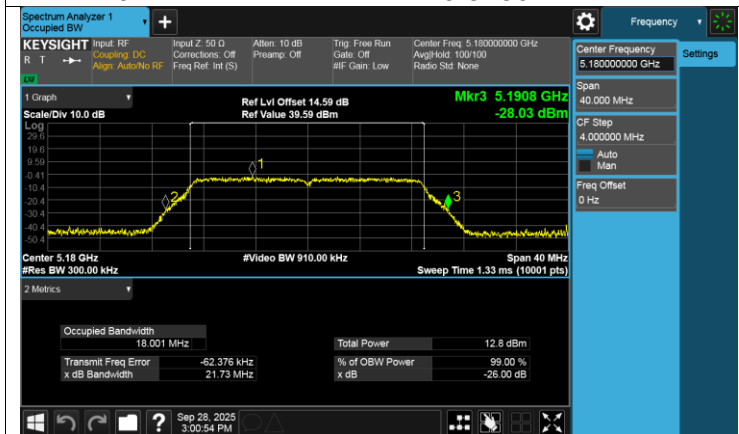




26dB Bandwidth NVNT a 5825MHz Ant2



26dB Bandwidth NVNT n20 5180MHz Ant2



26dB Bandwidth NVNT n20 5200MHz Ant2



