Appendix Test Data

Report No.:	18220WC40059904	Test Sample No.:	1-2-2
Start Test Date:	2024.04.10	Finish Test Date:	2024.04.13
Test Engineer:	Jokes Huang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	49%
Pressure:	101kPa		

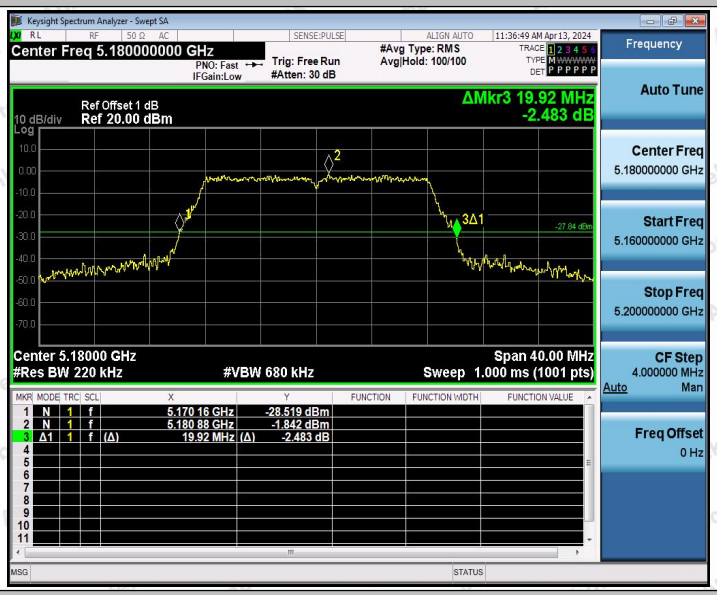
Appendix A1: 26dB Bandwidth

Test Result

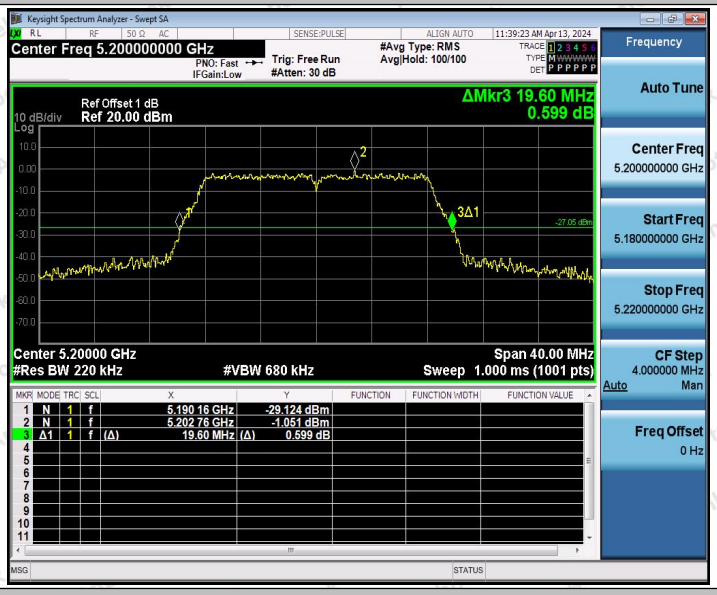
Test Mode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.920	5170.160	5190.080	---	---
		5200	19.600	5190.160	5209.760	---	---
		5240	19.640	5230.200	5249.840	---	---
		5260	19.760	5250.160	5269.920	---	---
		5300	19.960	5290.000	5309.960	---	---
		5320	19.720	5310.200	5329.920	---	---

Test Graphs

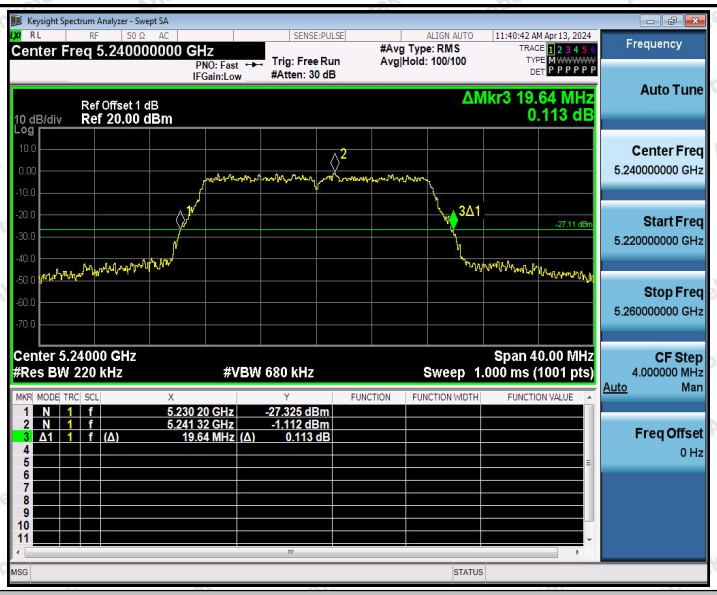
11A_Ant1_5180



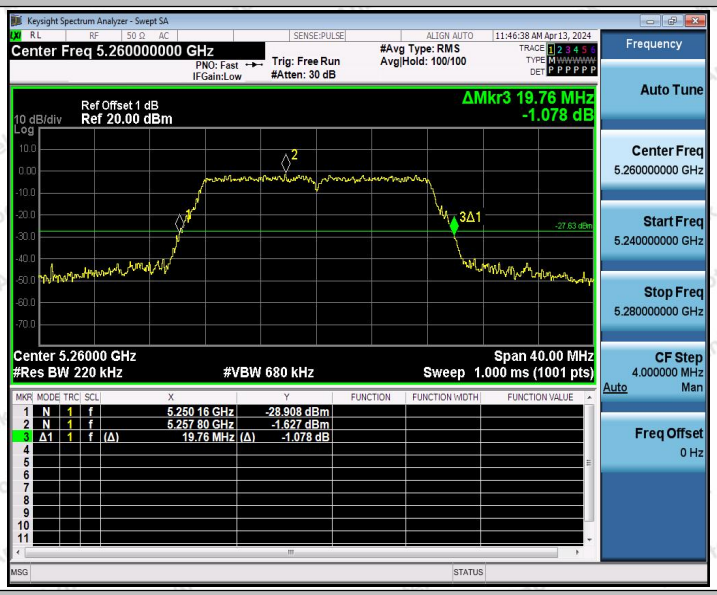
11A_Ant1_5200



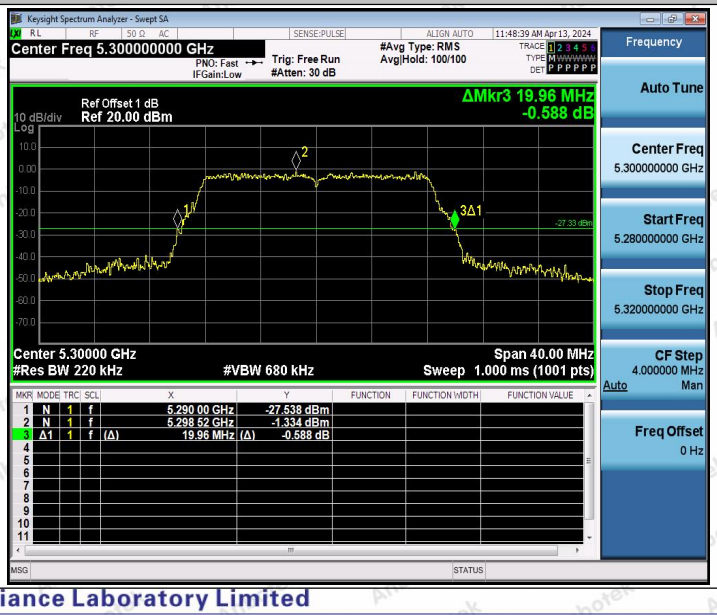
11A_Ant1_5240



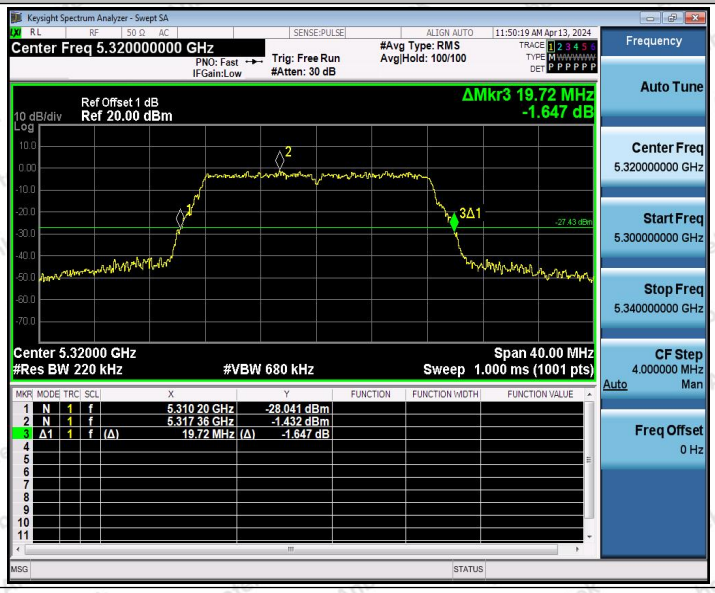
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



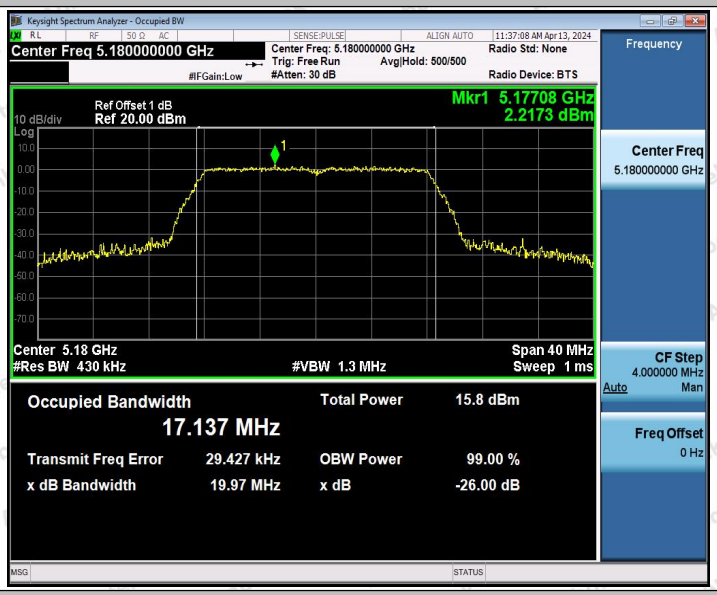
Appendix A2: 99% Occupied Bandwidth

Test Result

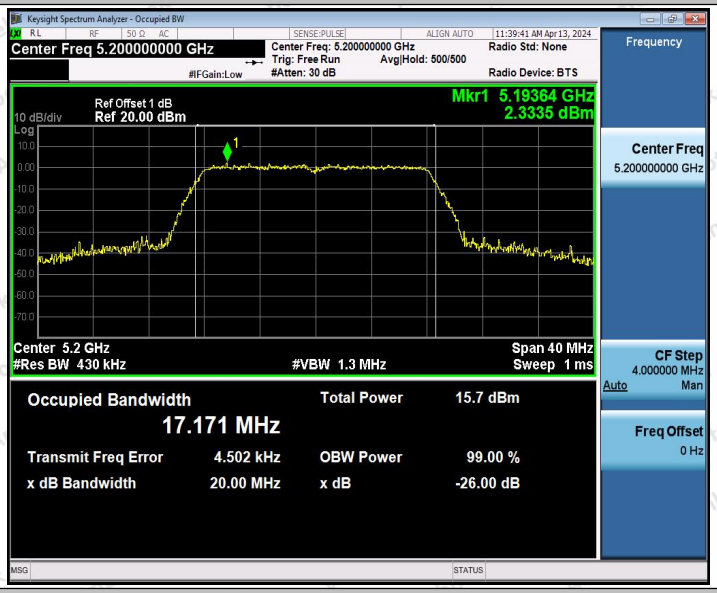
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.137	5171.4609	5188.5979	---	---
		5200	17.171	5191.4190	5208.5900	---	---
		5240	17.162	5231.4553	5248.6173	---	---
		5260	17.205	5251.4189	5268.6239	---	---
		5300	17.211	5291.4049	5308.6159	---	---
		5320	17.183	5311.4090	5328.5920	---	---

Test Graphs

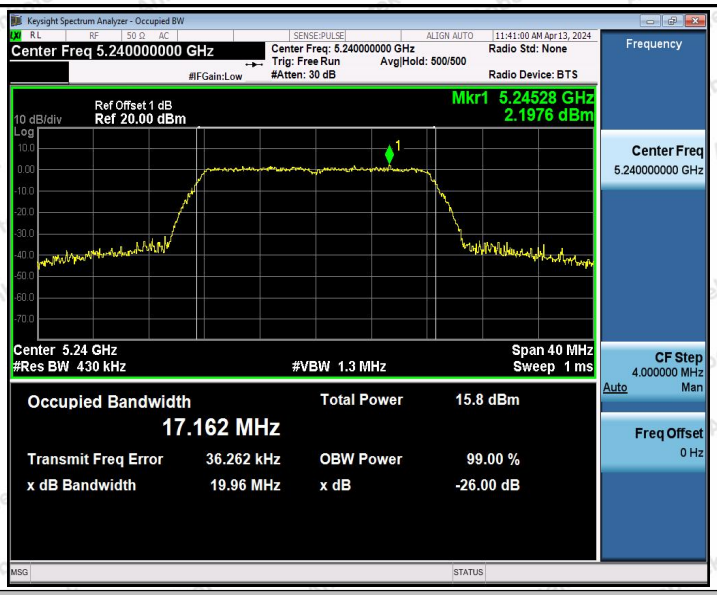
11A_Ant1_5180



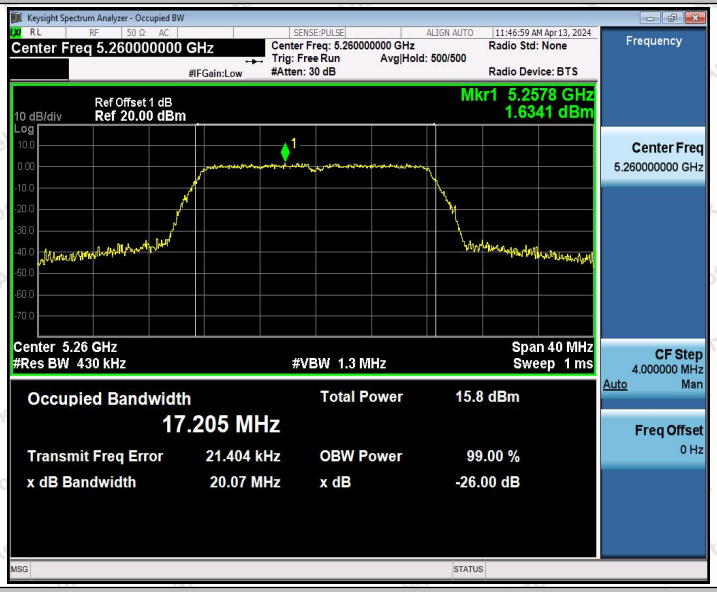
11A_Ant1_5200



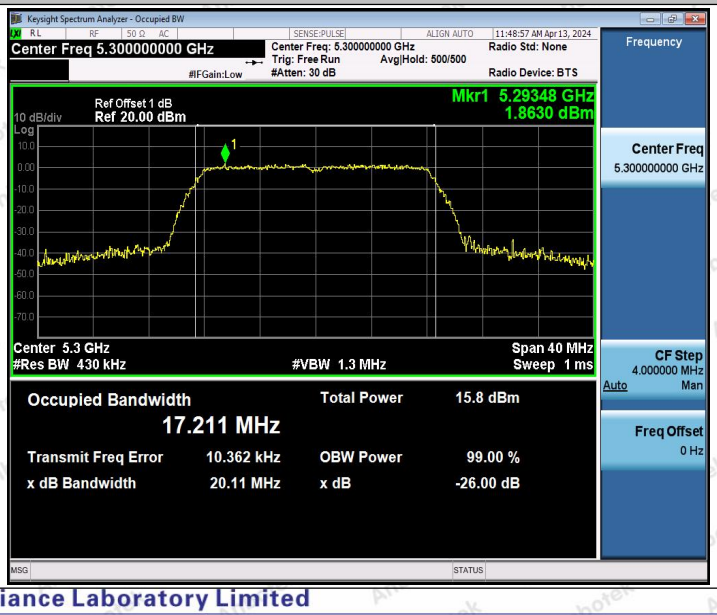
11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320

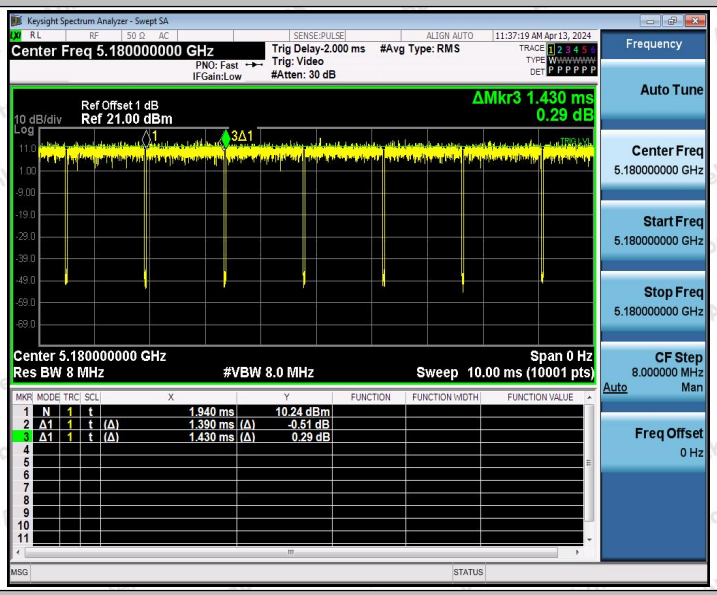
Appendix B: Duty Cycle

Test Result

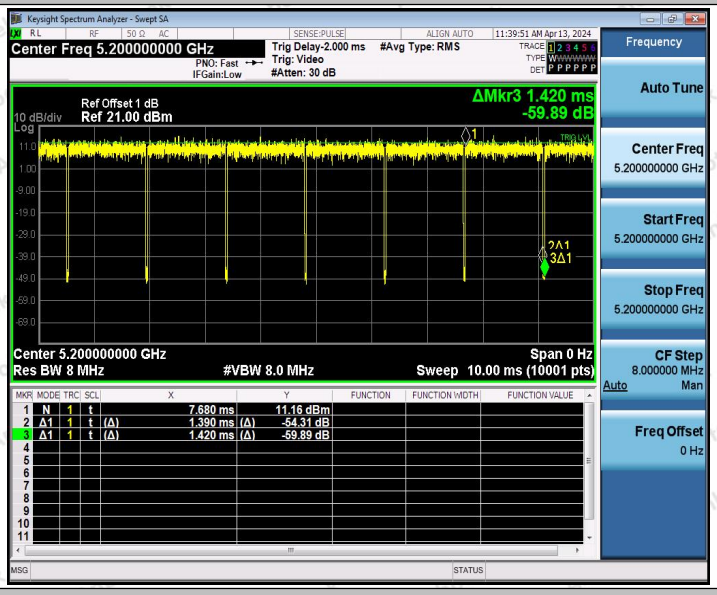
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.43	97.20
		5200	1.39	1.42	97.89
		5240	1.39	1.43	97.20
		5260	1.39	1.43	97.20
		5300	1.39	1.43	97.20
		5320	1.40	1.43	97.90

Test Graphs

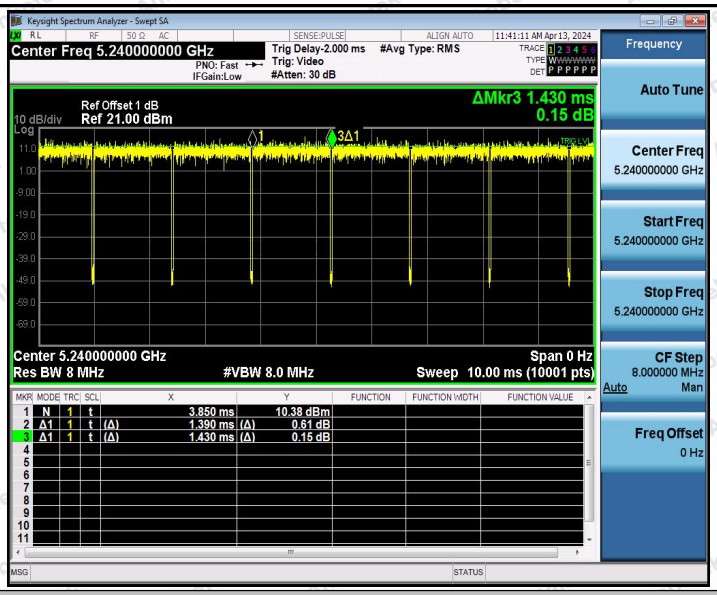
11A_Ant1_5180



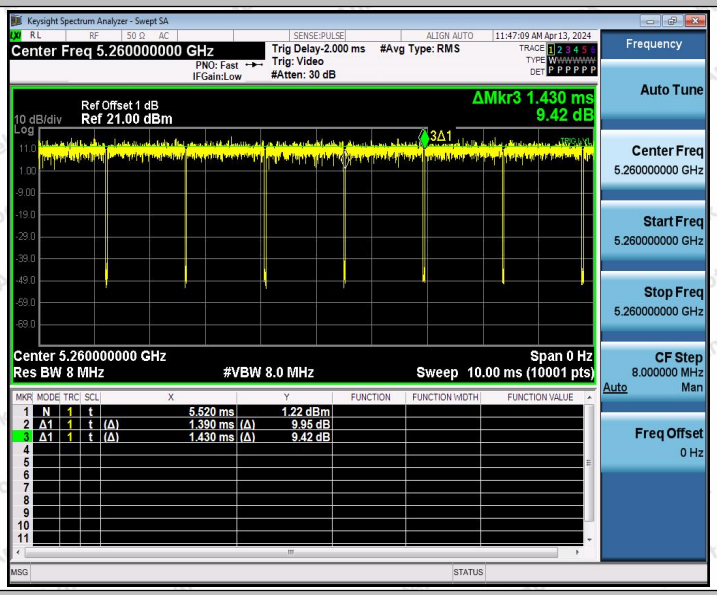
11A_Ant1_5200



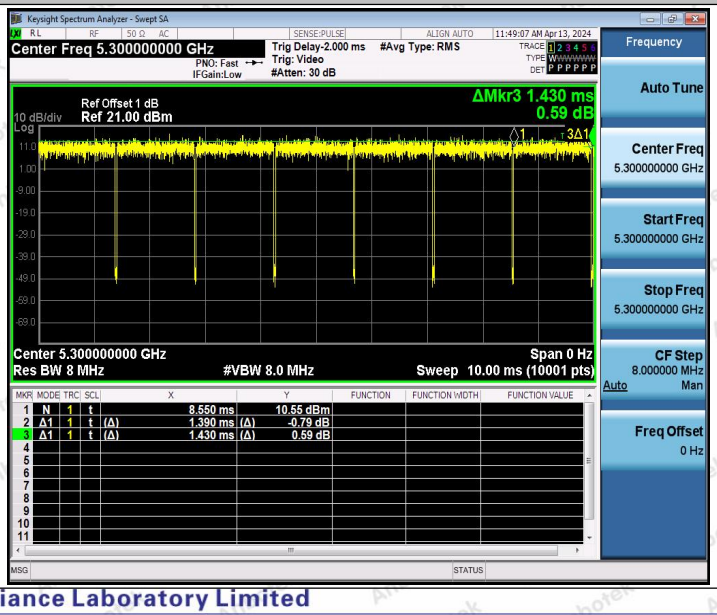
11A_Ant1_5240



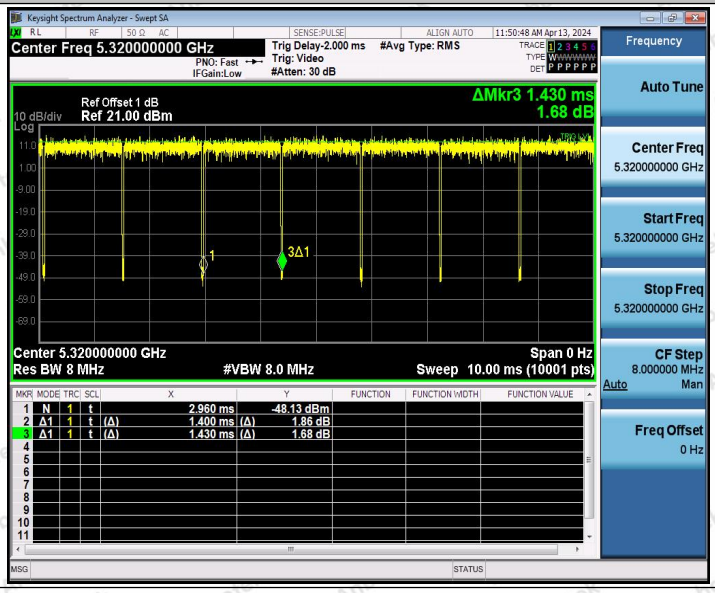
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



Appendix C: Maximum Conducted Output Power

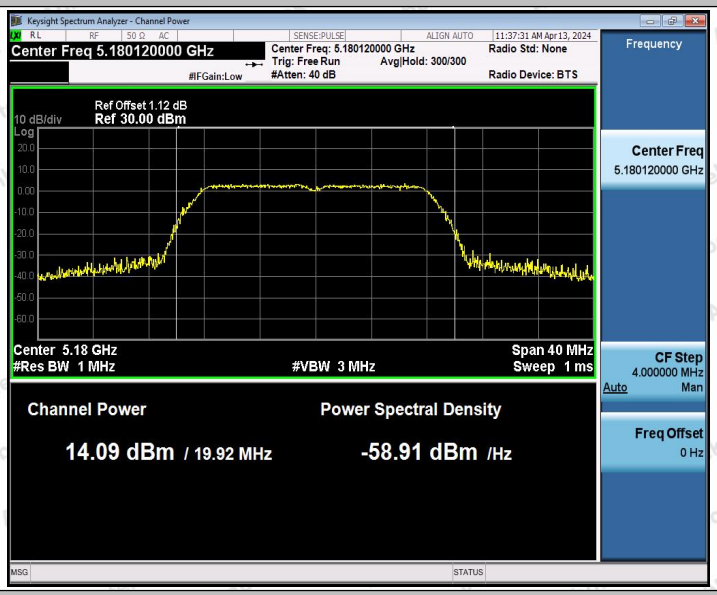
Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.97	97.20	0.12	**14.09**	≤23.98	PASS
		5200	13.93	97.89	0.09	14.02	≤23.98	PASS
		5240	13.92	97.20	0.12	14.04	≤23.98	PASS
		5260	13.93	97.20	0.12	14.05	≤23.96	PASS
		5300	13.99	97.20	0.12	14.11	≤23.98	PASS
		5320	14.21	97.90	0.09	**14.30**	≤23.95	PASS

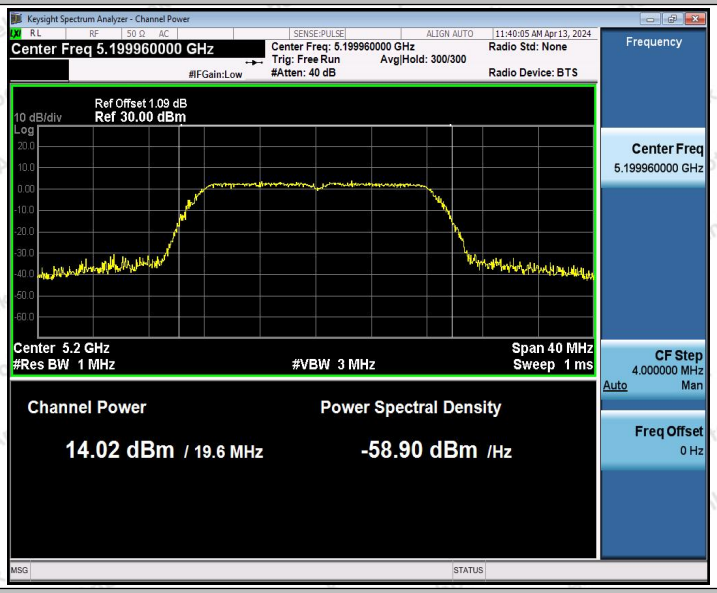
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

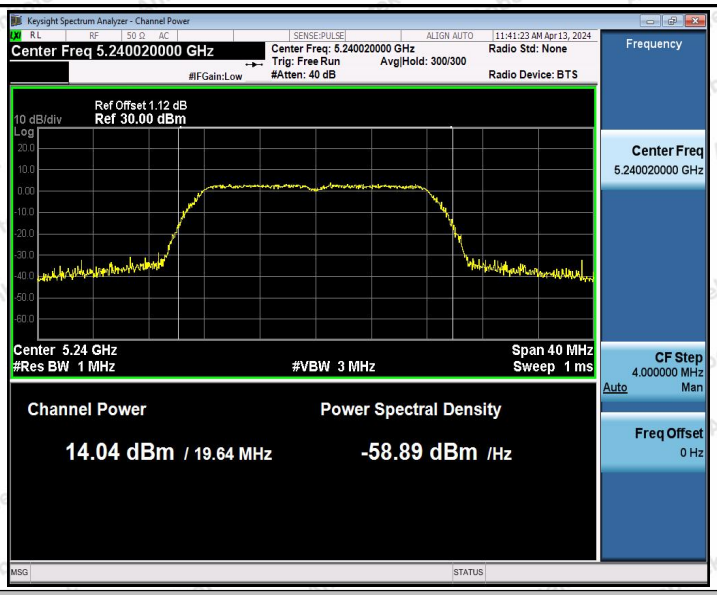
11A_Ant1_5180



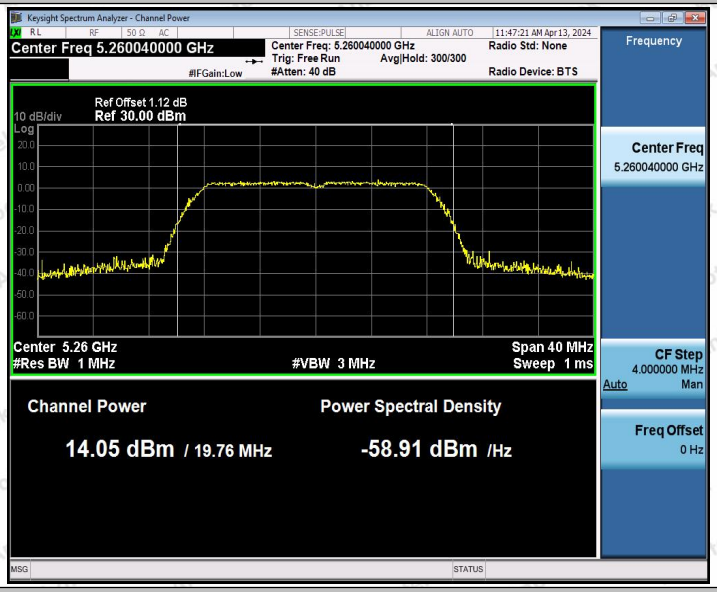
11A_Ant1_5200



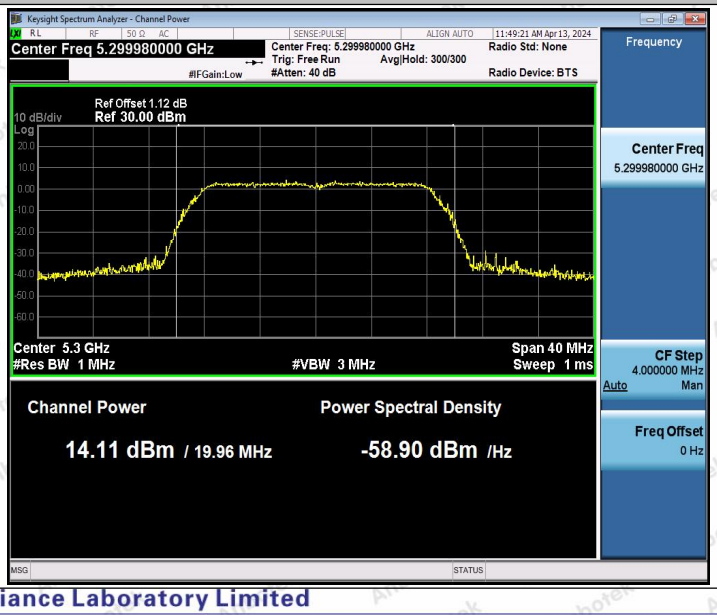
11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320

Appendix D: Maximum Power Spectral Density

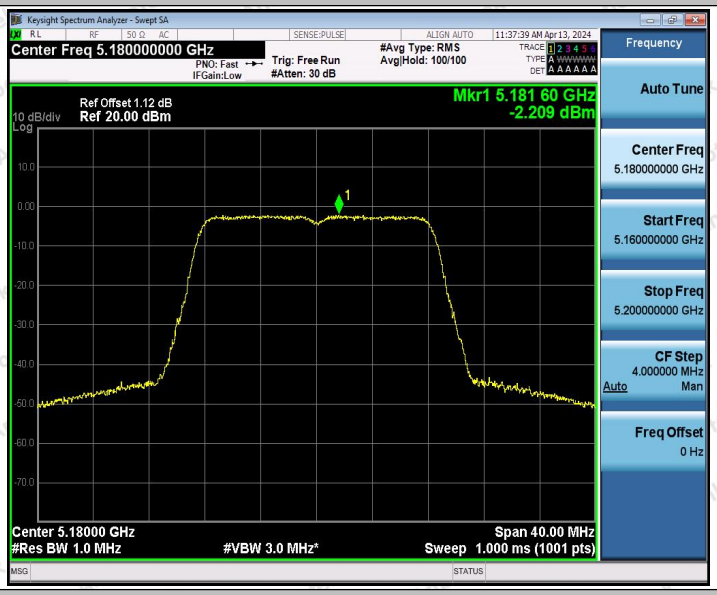
Test Result B1/2

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.21	≤11.00	PASS
		5200	-2.08	≤11.00	PASS
		5240	-2.24	≤11.00	PASS
		5260	-2.00	≤11.00	PASS
		5300	-2.16	≤11.00	PASS
		5320	-1.92	≤11.00	PASS

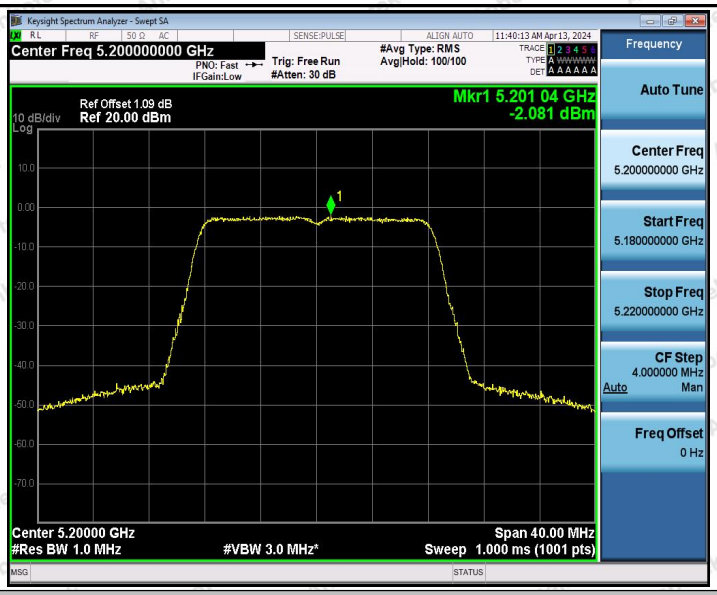
Note：1.The Duty Cycle Factor is compensated in the graph.

Test Graphs B1/2

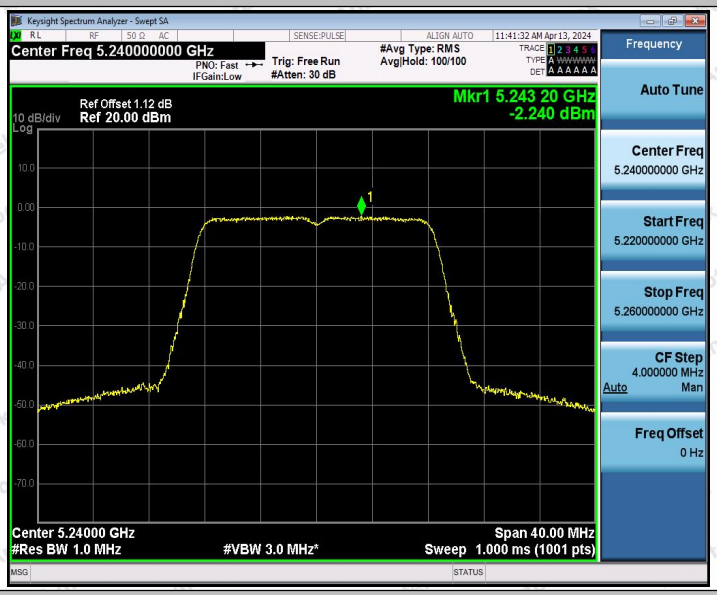
11A_Ant1_5180



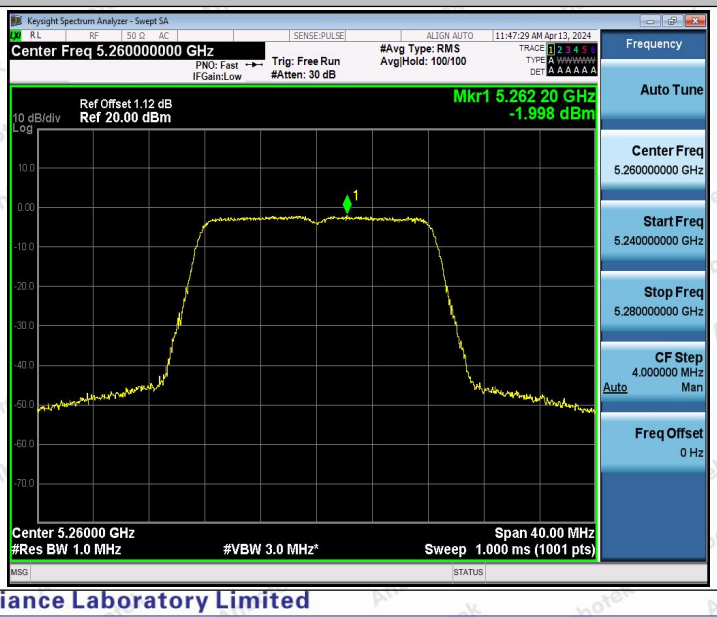
11A_Ant1_5200



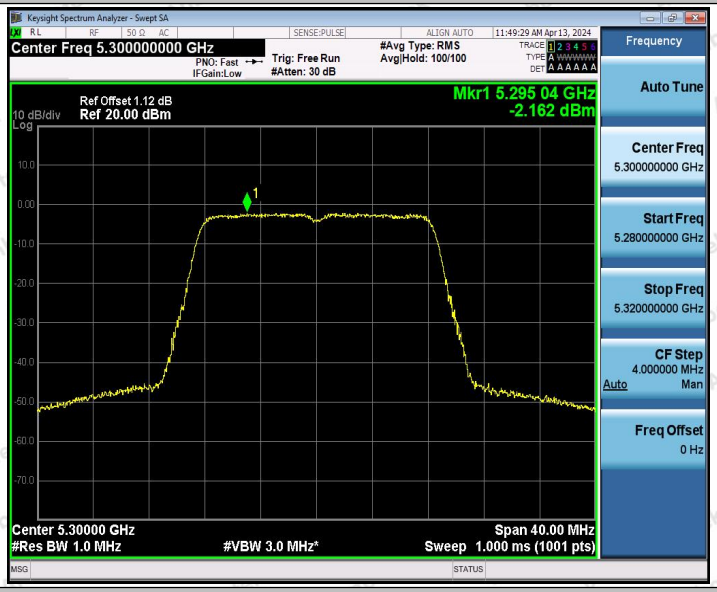
11A_Ant1_5240



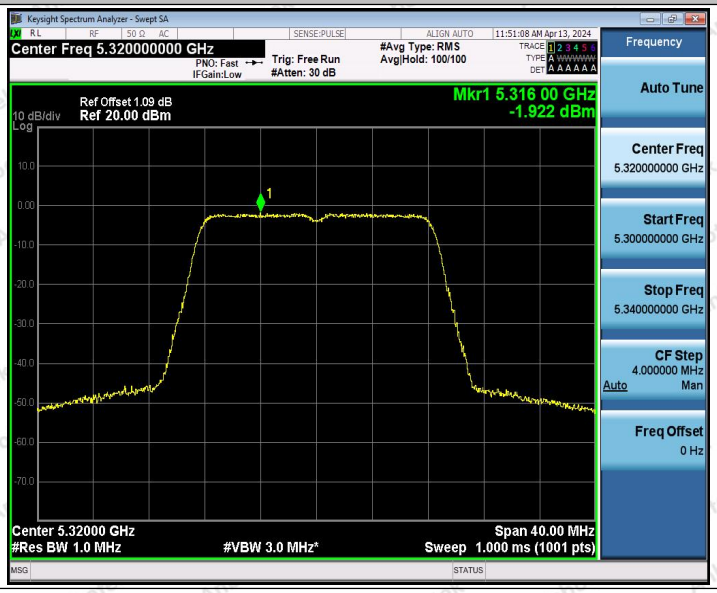
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



Appendix E: Band Edge Measurements

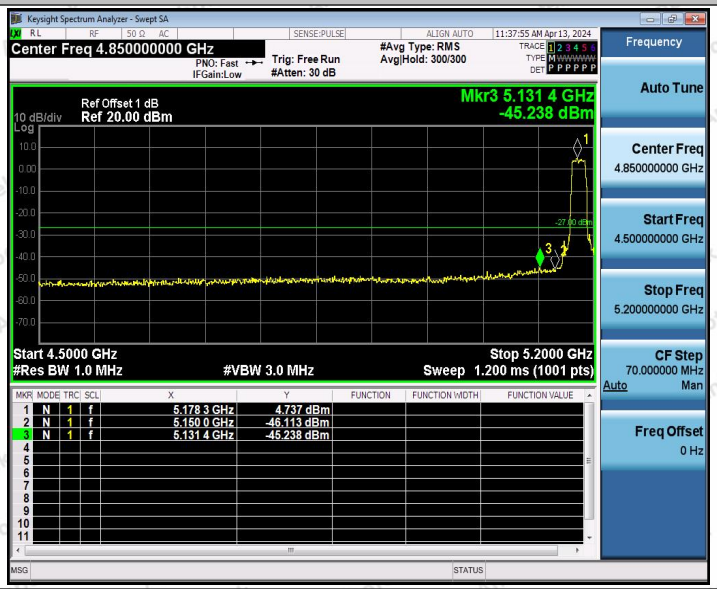
Test Result B1/2

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-45.24	≤-27	PASS
		High	5240	-48.16	≤-27	PASS
		Low	5260	-46.68	≤-27	PASS
		High	5320	-44.29	≤-27	PASS

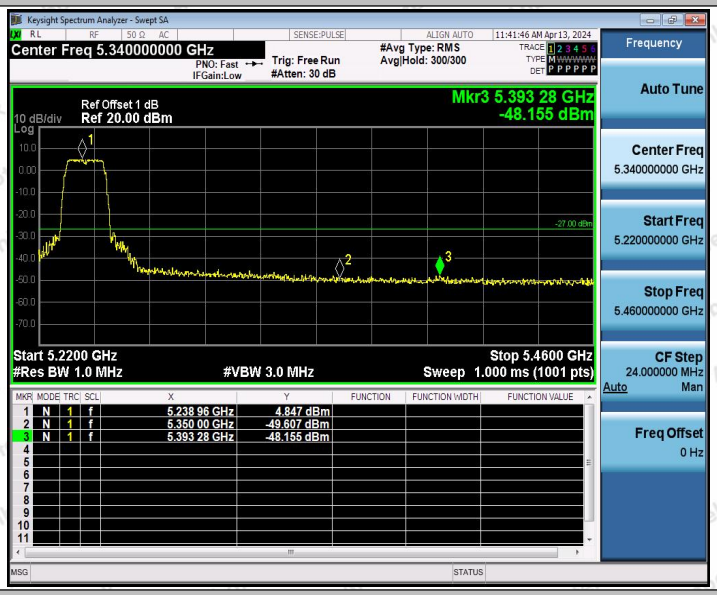
Note: The margins is at least greater than the antenna gain plus cable loss value.

Test Graphs B1/2

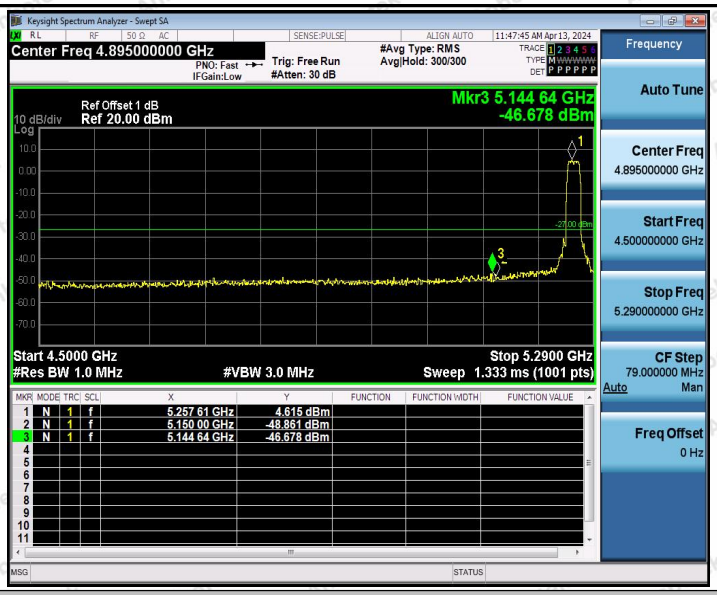
11A_Ant1_Low_5180



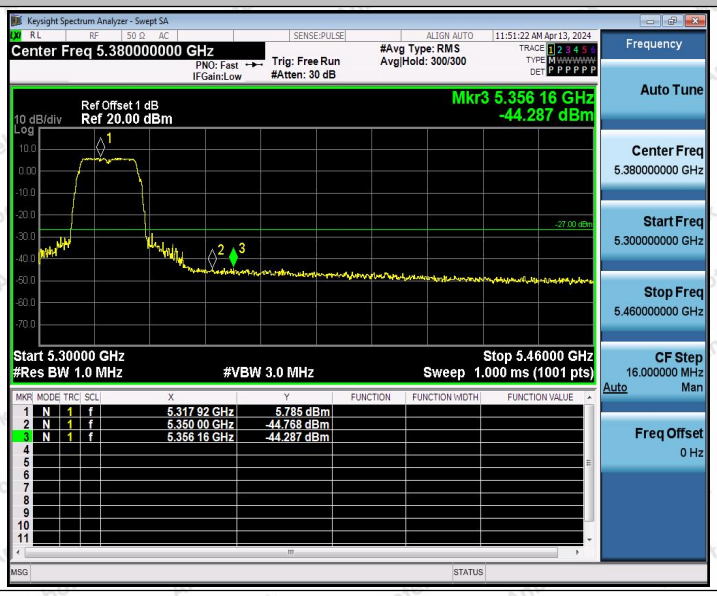
11A_Ant1_High_5240



11A_Ant1_Low_5260



11A_Ant1_High_5320



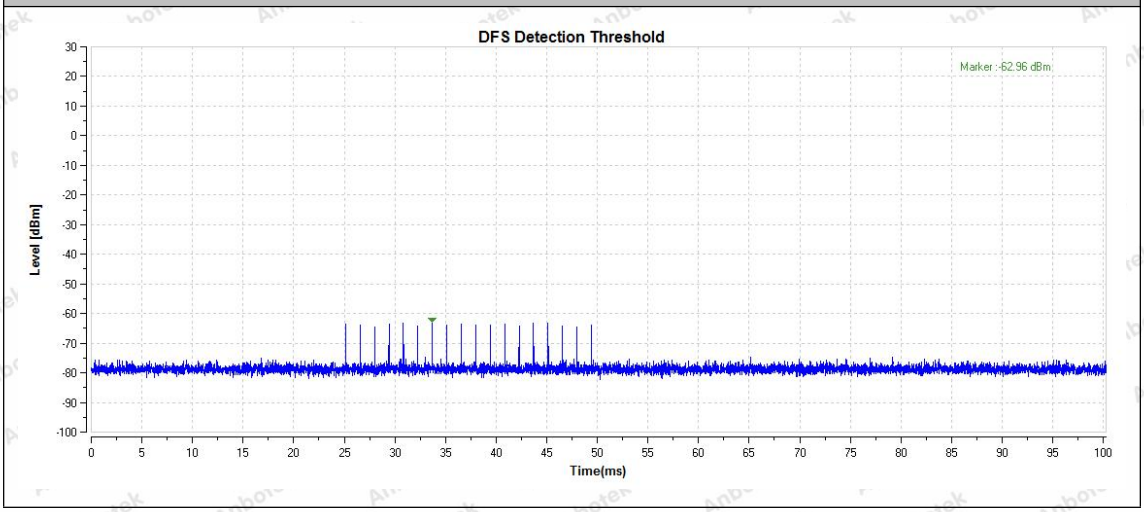
Appendix F: DFS Detection Thresholds

Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5320	Type0	-62.96	-62.00	PASS

Test Graphs

11A_5320_Type0



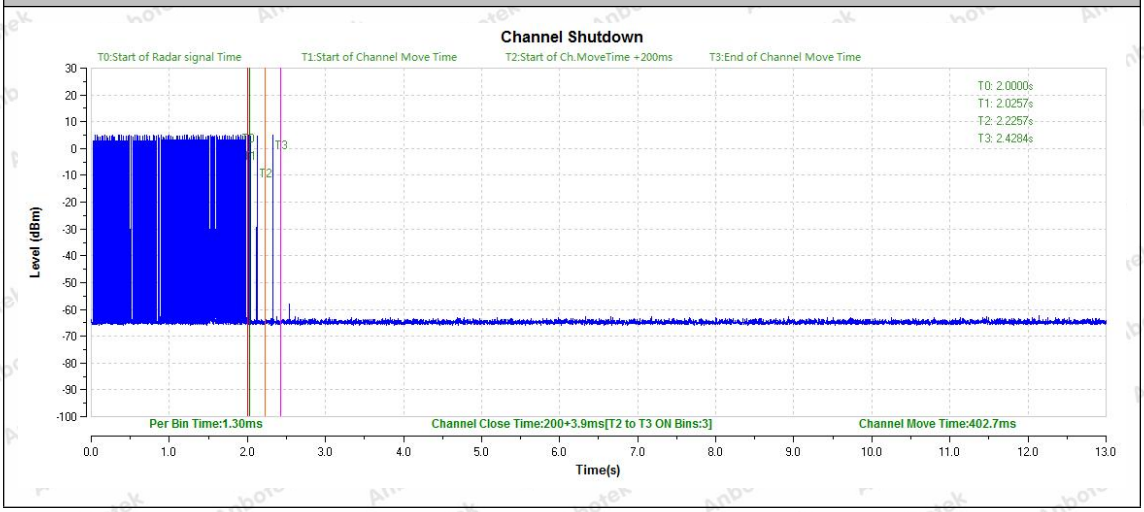
Appendix G: Channel Move Time and Channel Closing Transmission Time

Test Result

TestMode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5320	200+3.9	200+60	402.7	10000	PASS

Test Graphs

11A_5320



---End---