

Appendix Test Data

Report No.:	18220WC30108903	Test Sample No.:	1-2-2
Start Test Date:	2023.06.02	Finish Test Date:	2023.06.12
Test Engineer:	Rock Luo	Auditor:	Edward Pan
Temperature:	25.9°C	Relative Humidity:	48%
Pressure:	1012 hPa		

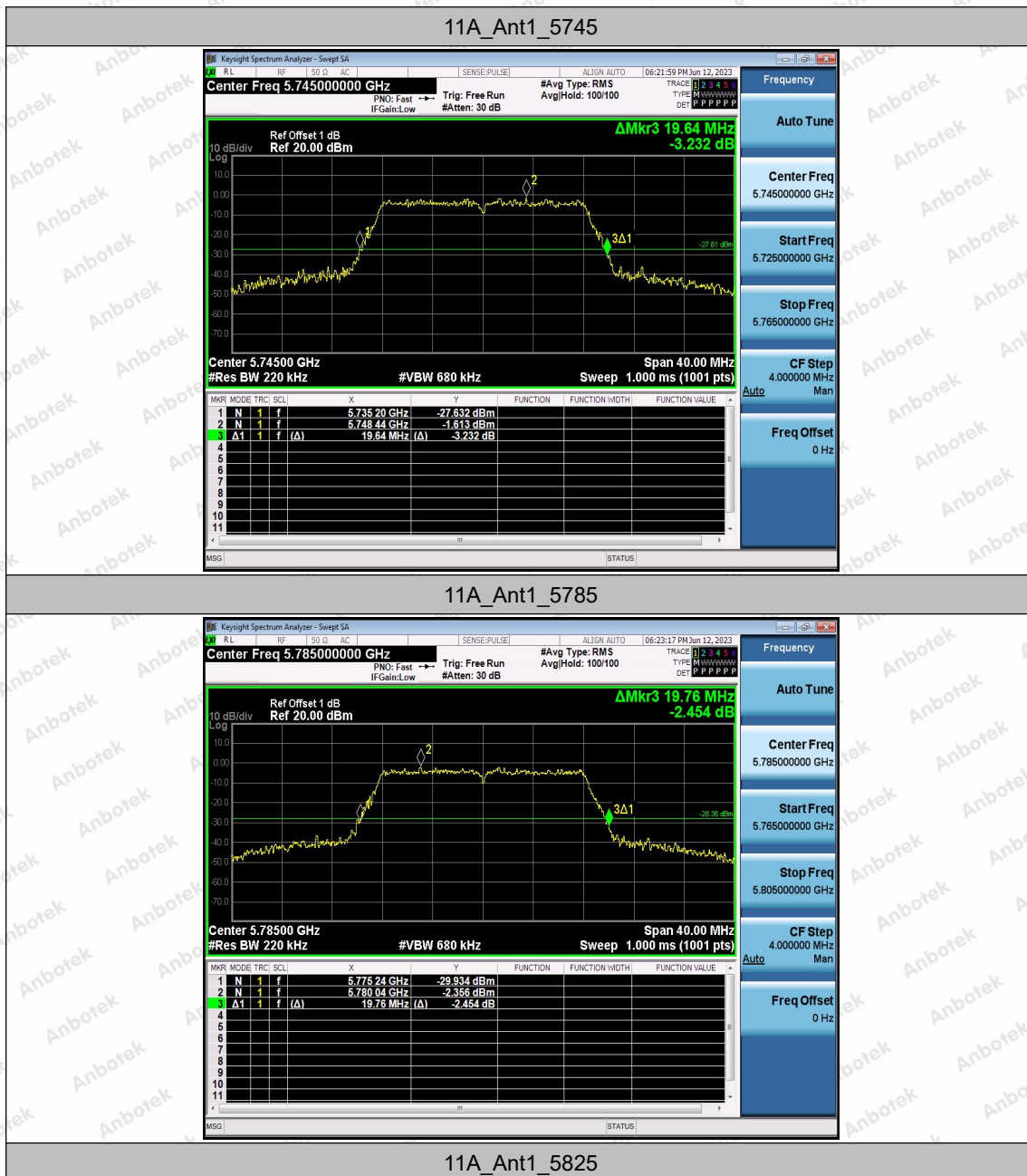
Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5745	19.640	5735.200	5754.840
		5785	19.760	5775.240	5795.000
		5825	19.560	5815.120	5834.680



Test Graphs



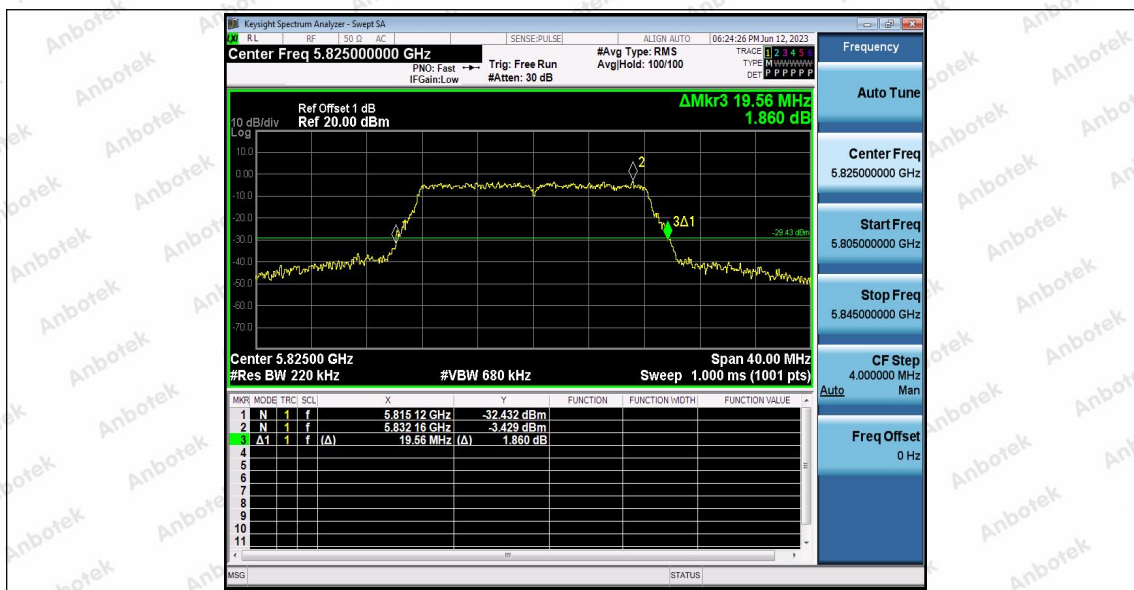
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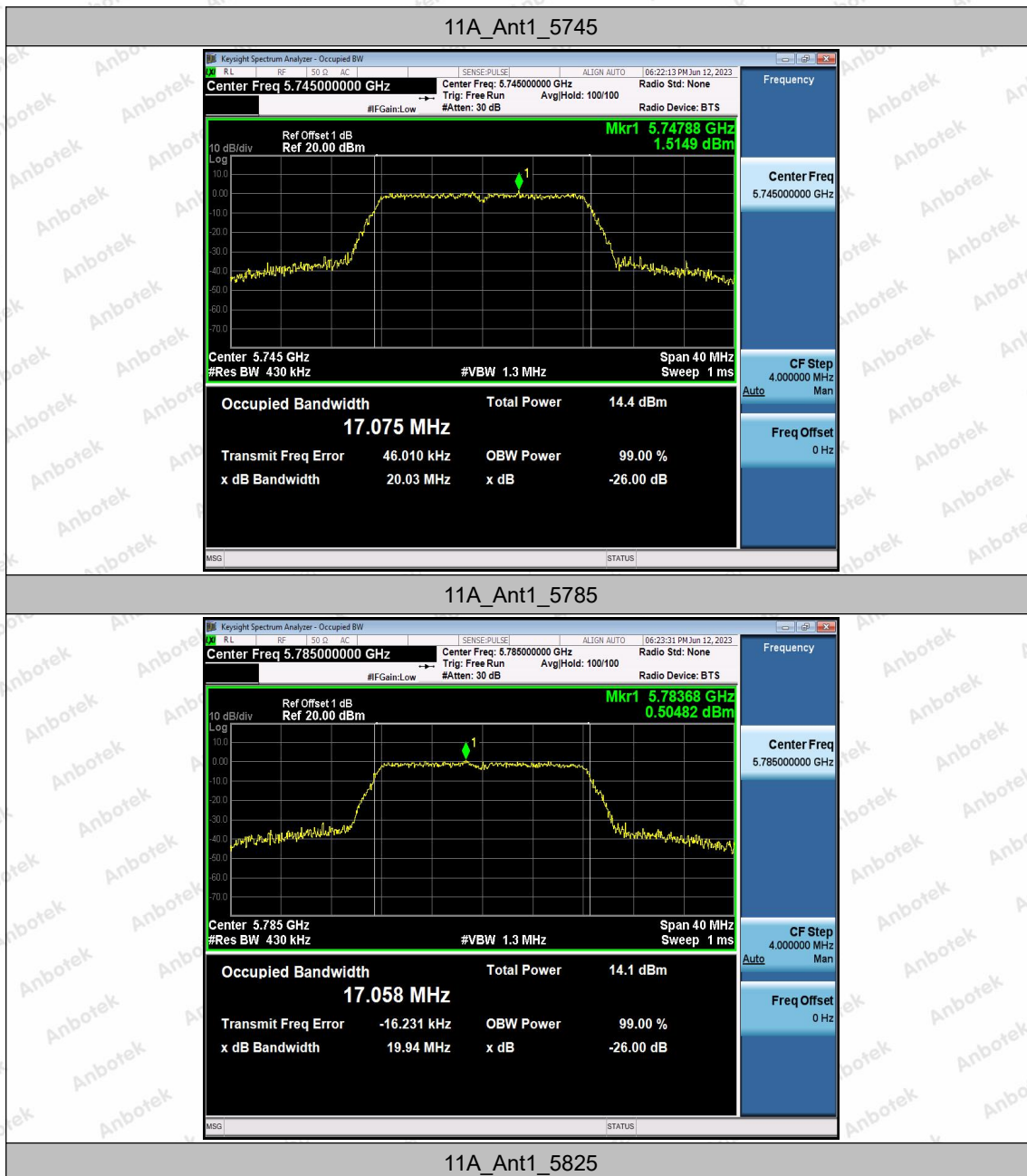
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5745	17.075	5736.5085	5753.5835
		5785	17.058	5776.4548	5793.5128
		5825	17.110	5816.4443	5833.5543



Test Graphs



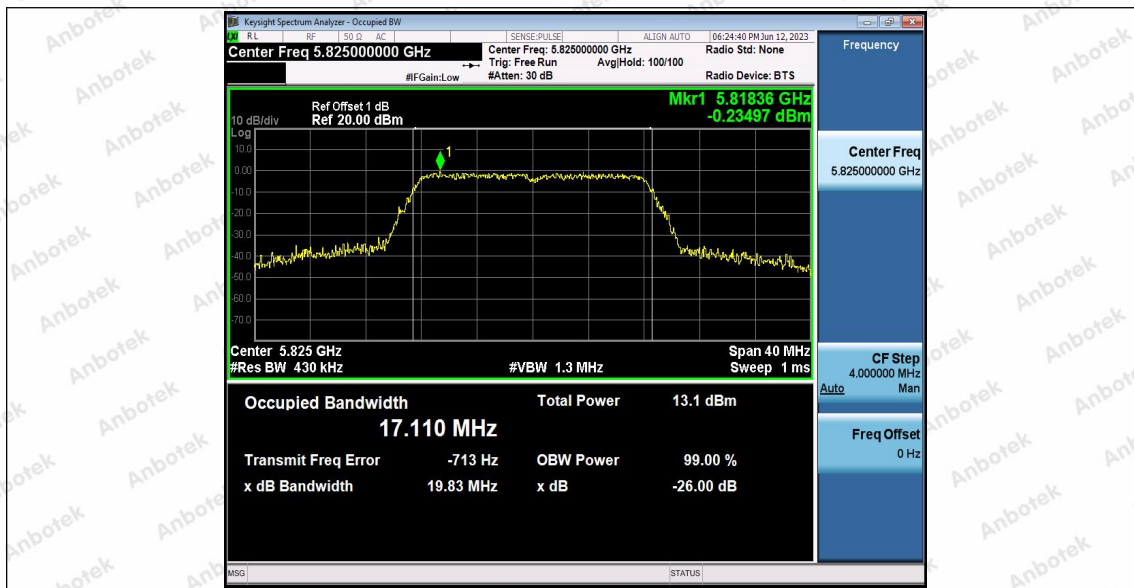
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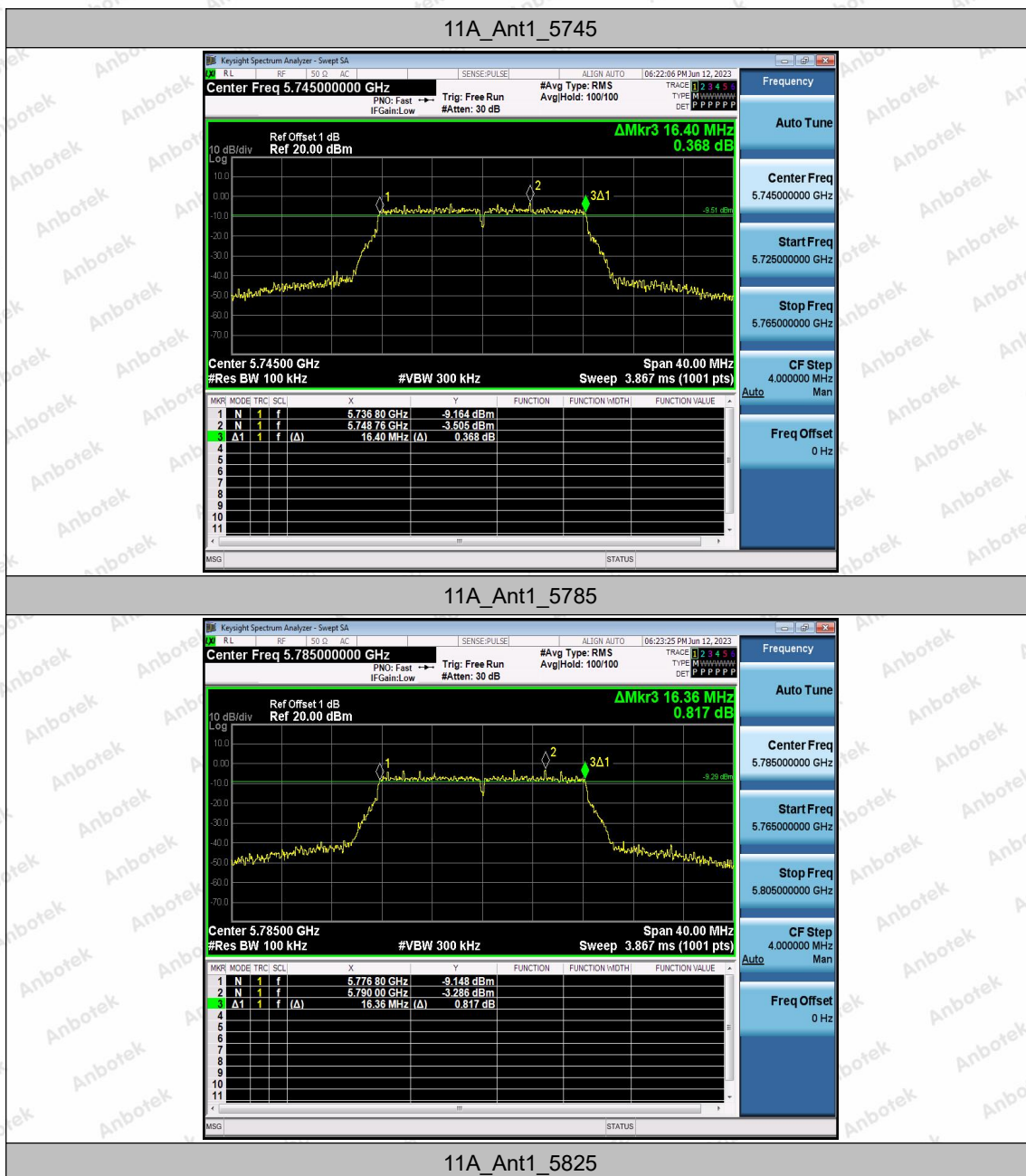
Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	5736.800	5753.200	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS



Test Graphs



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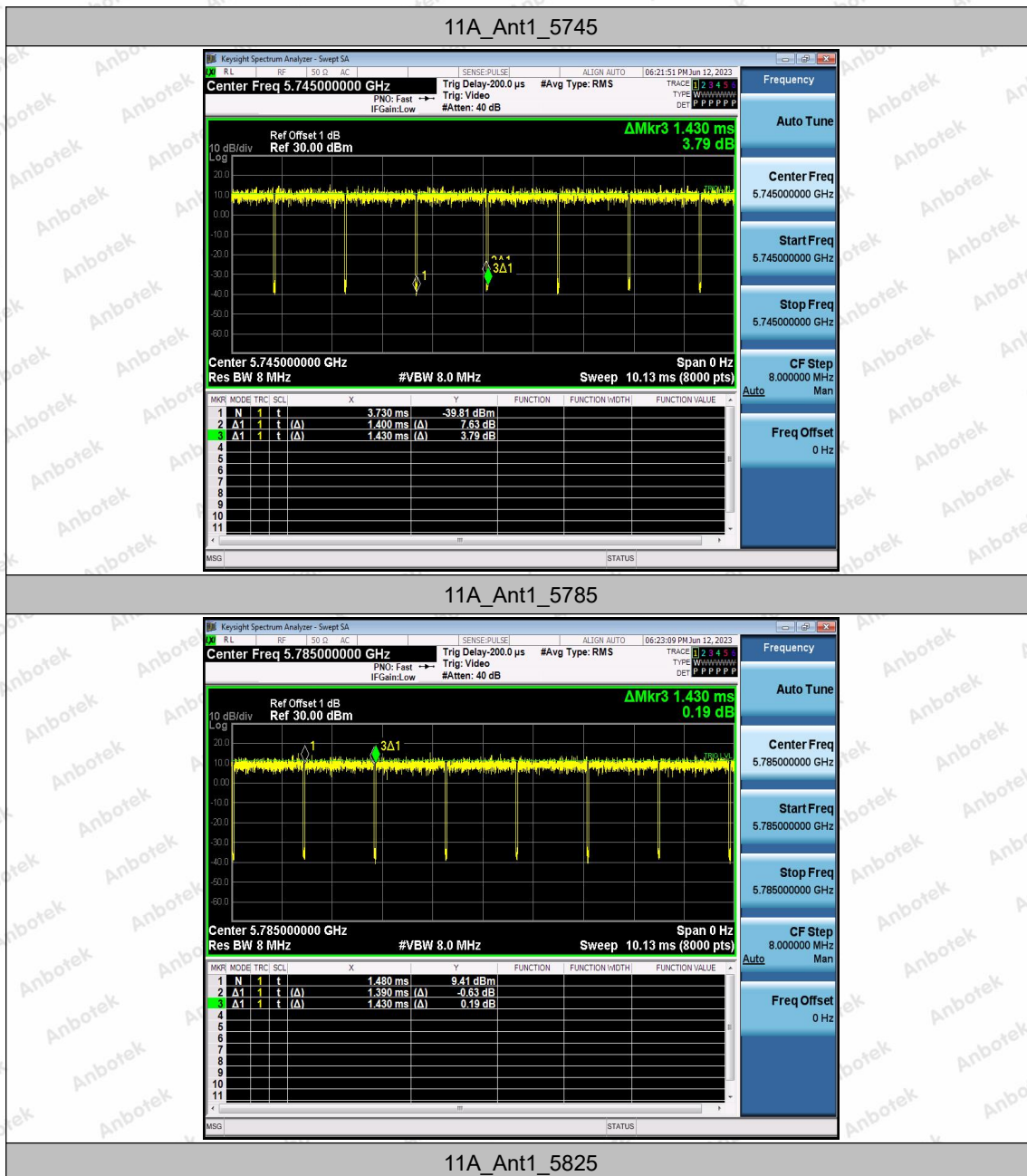
Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.40	1.43	97.90
		5785	1.39	1.43	97.20
		5825	1.39	1.43	97.20



Test Graphs



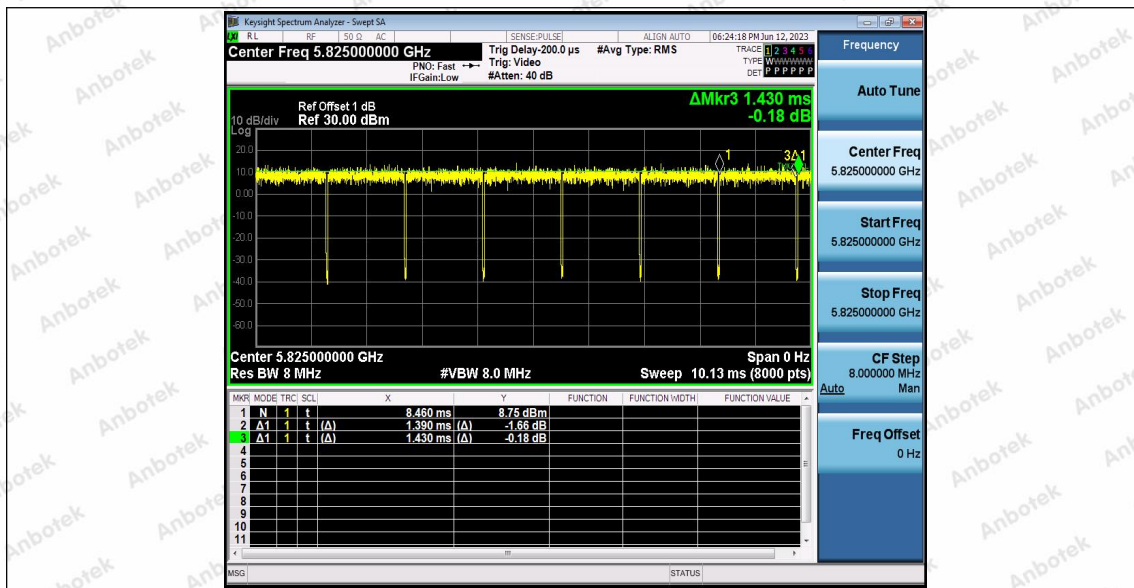
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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequenc y[MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5745	---	13.28	97.90	0.09	13.37	≤30.00
		5785	---	12.91	97.20	0.12	13.03	≤30.00
		5825	---	12.11	97.20	0.12	12.23	≤30.00

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



Appendix D: Maximum power spectral density

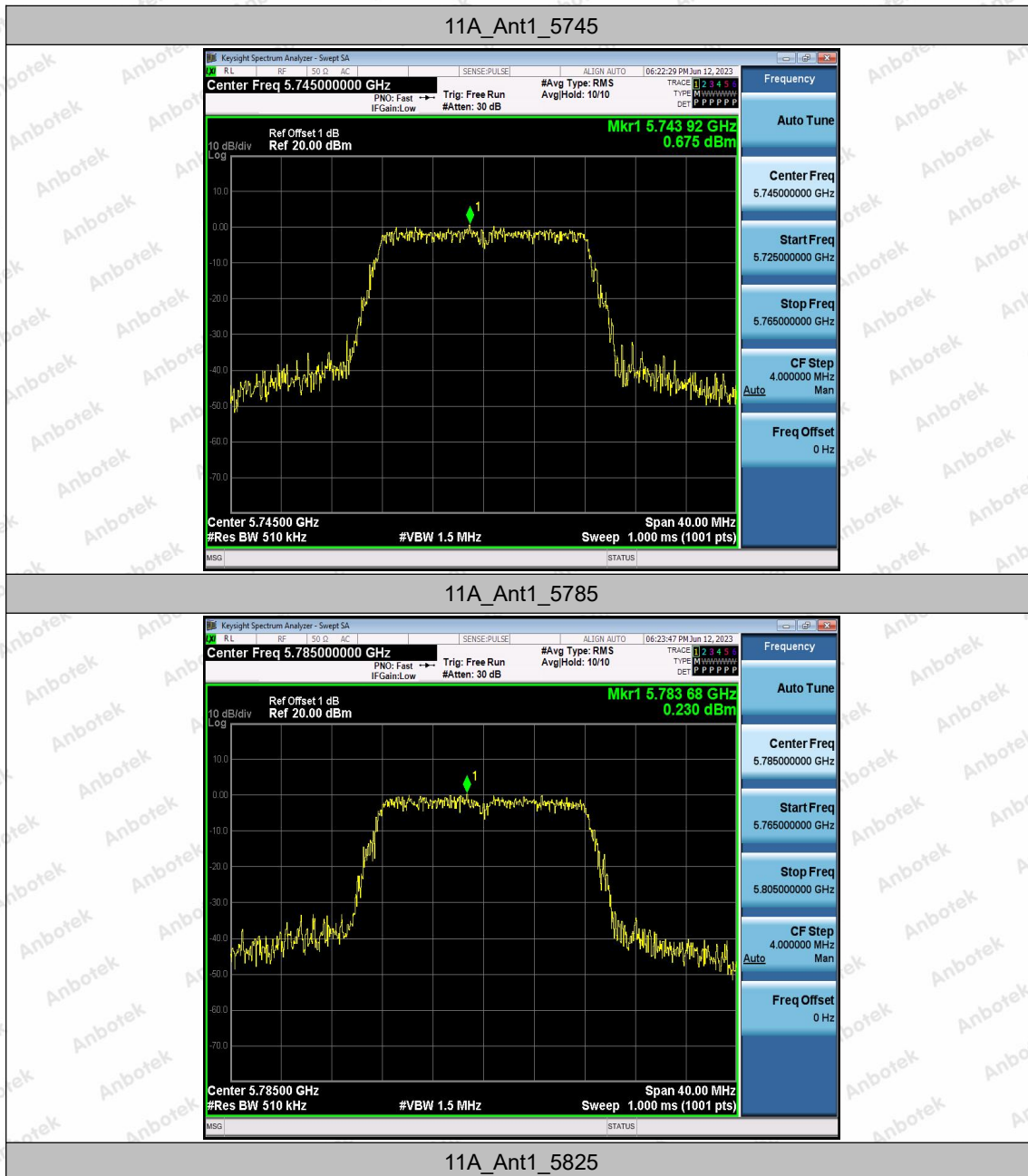
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	0.68	≤30.00	PASS
		5785	0.23	≤30.00	PASS
		5825	-0.04	≤30.00	PASS

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



Test Graphs



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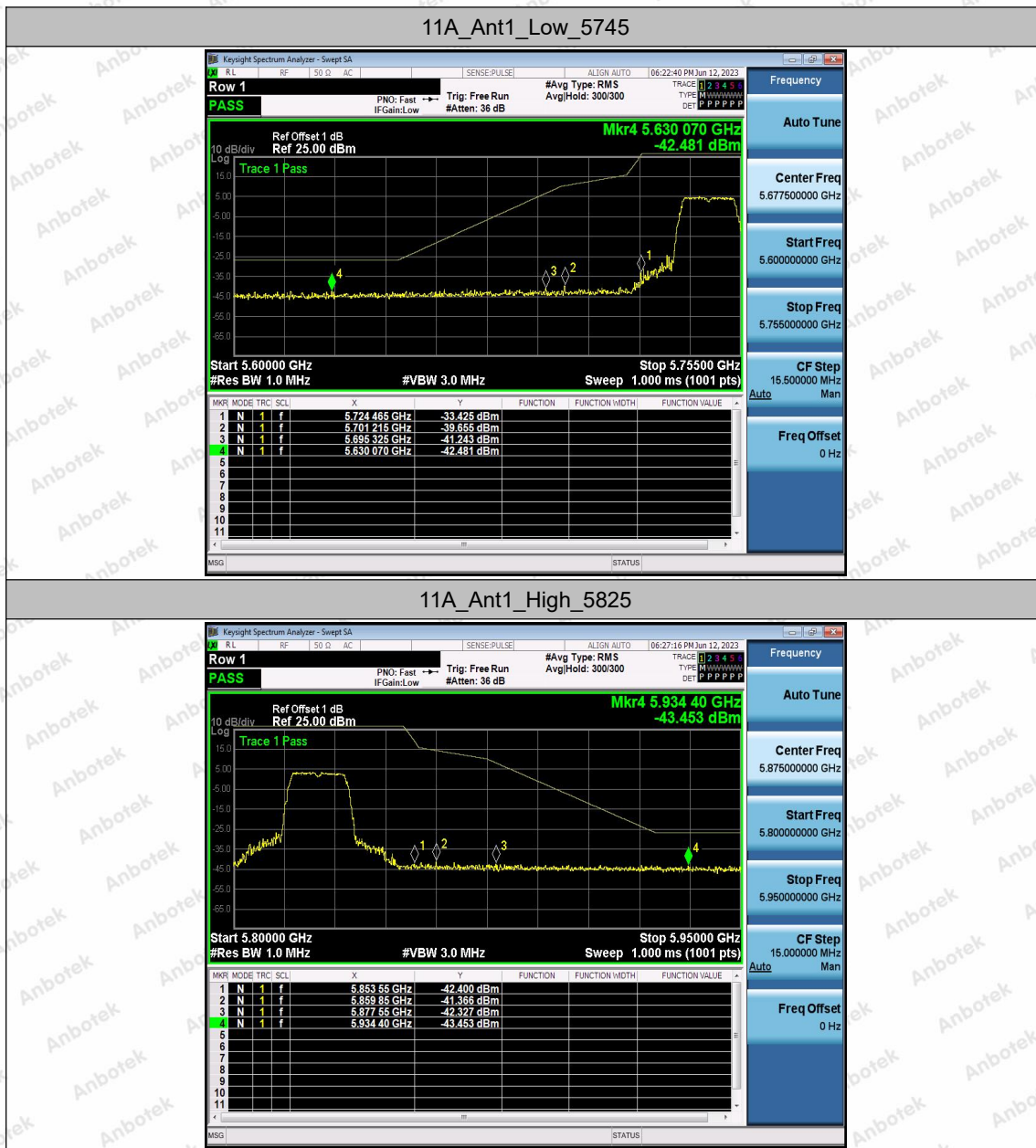
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-41.24	≤6.54	PASS
				5700~5720	-39.66	≤10.34	PASS
				5720~5725	-33.43	≤25.78	PASS
				5755~5650	-42.48	≤-27	PASS
		High	5825	5850~5855	-42.4	≤23.69	PASS
				5855~5875	-41.37	≤11.36	PASS
				5875~5925	-42.33	≤-25.11	PASS
				5925~5950	-43.45	≤-27	PASS



Test Graphs



---End---

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