

Appendix Test Data

Report No.:	18220WC10285001	Test Sample No.:	1-2-2
Start Test Date:	2021.12.30	Finish Test Date:	2022.1.7
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	19.960	5734.92 0	5754.880	---	PASS
	Ant2	5745	19.960	5735.00 0	5754.960	---	PASS
	Ant1	5785	20.080	5774.84 0	5794.920	---	PASS
	Ant2	5785	20.080	5774.88 0	5794.960	---	PASS
	Ant1	5825	19.880	5815.04 0	5834.920	---	PASS
	Ant2	5825	20.200	5814.80 0	5835.000	---	PASS

Test Graphs

11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785

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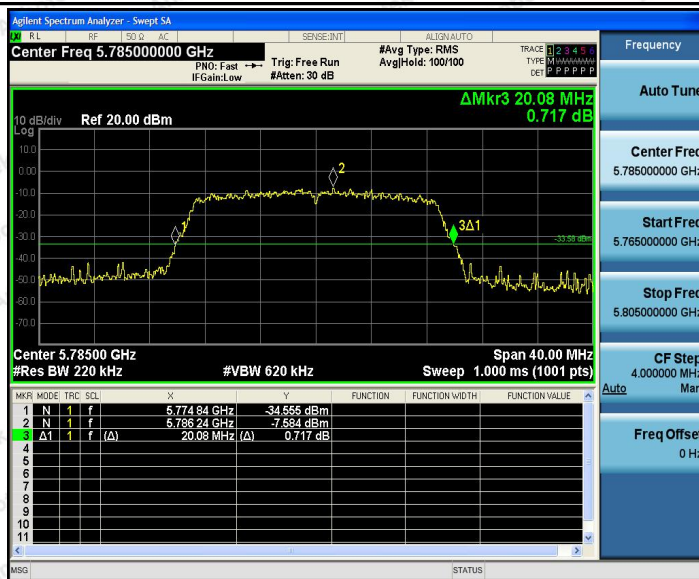
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11A_Ant2_5785



11A_Ant1_5825



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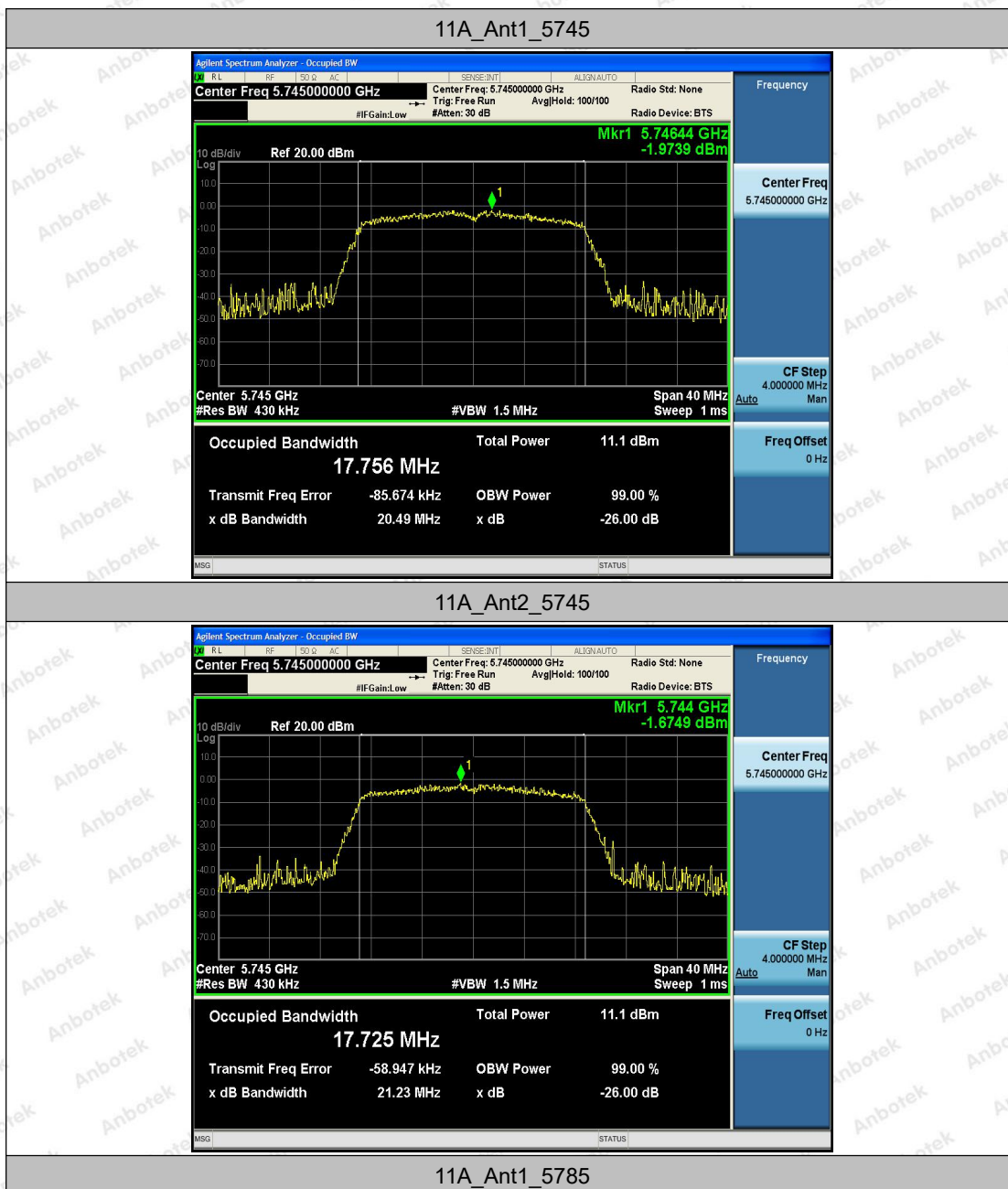
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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.756	5736.03 6	5753.792	---	PASS
	Ant2	5745	17.725	5736.07 9	5753.804	---	PASS
	Ant1	5785	17.788	5776.07 3	5793.861	---	PASS
	Ant2	5785	17.823	5776.06 5	5793.888	---	PASS
	Ant1	5825	17.825	5816.06 0	5833.885	---	PASS
	Ant2	5825	17.790	5816.10 5	5833.895	---	PASS

Test Graphs

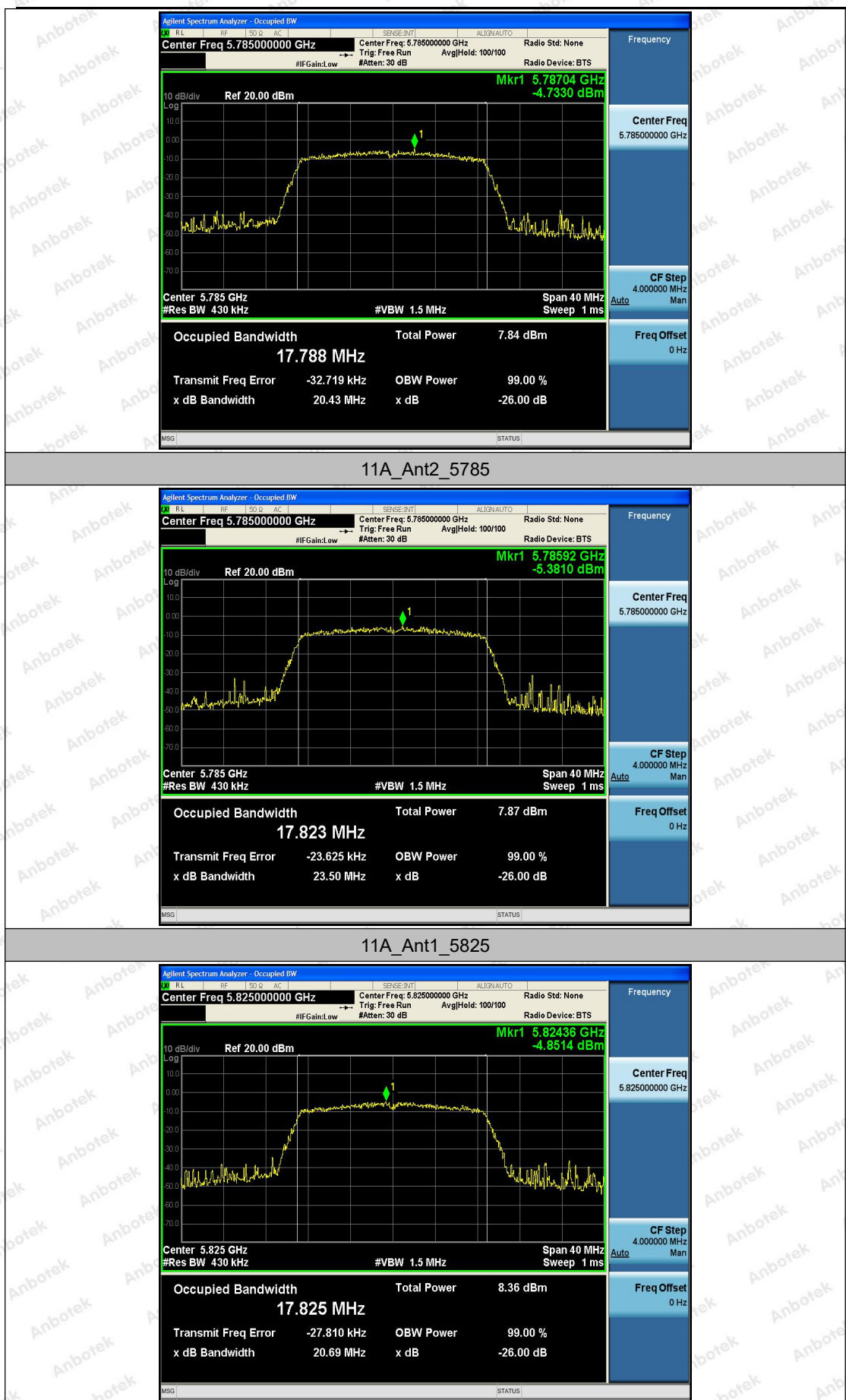


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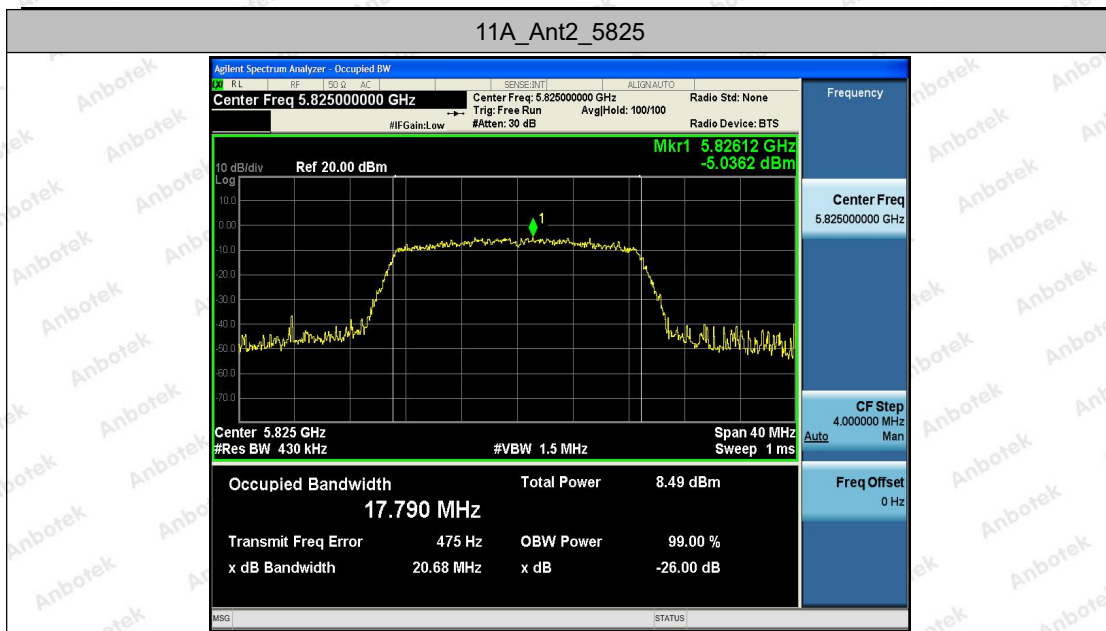


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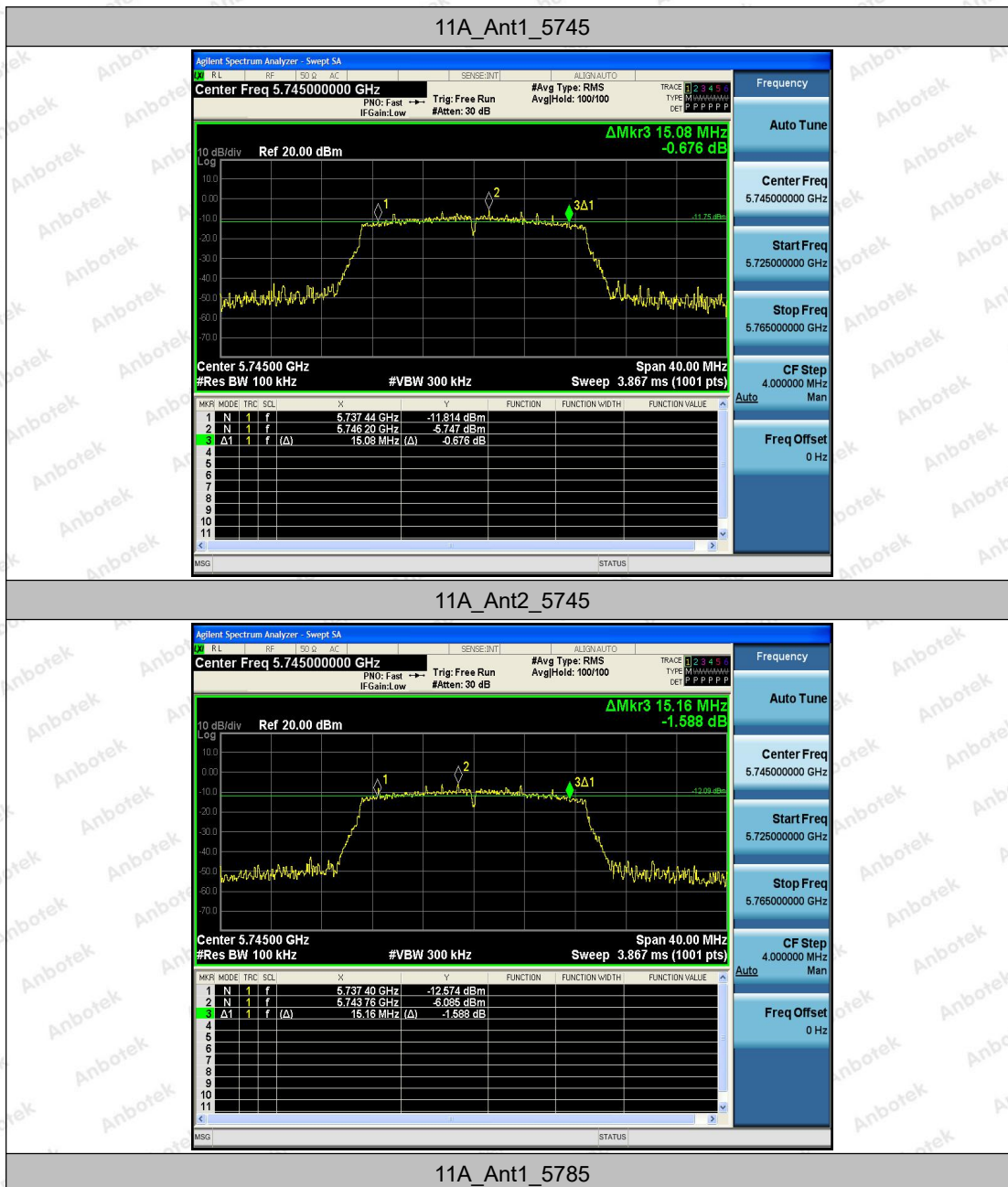
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Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
	Ant2	5745	15.160	5737.400	5752.560	0.5	PASS
	Ant1	5785	16.120	5776.440	5792.560	0.5	PASS
	Ant2	5785	14.440	5777.480	5791.920	0.5	PASS
	Ant1	5825	17.000	5816.800	5833.800	0.5	PASS
	Ant2	5825	15.440	5817.360	5832.800	0.5	PASS

Test Graphs



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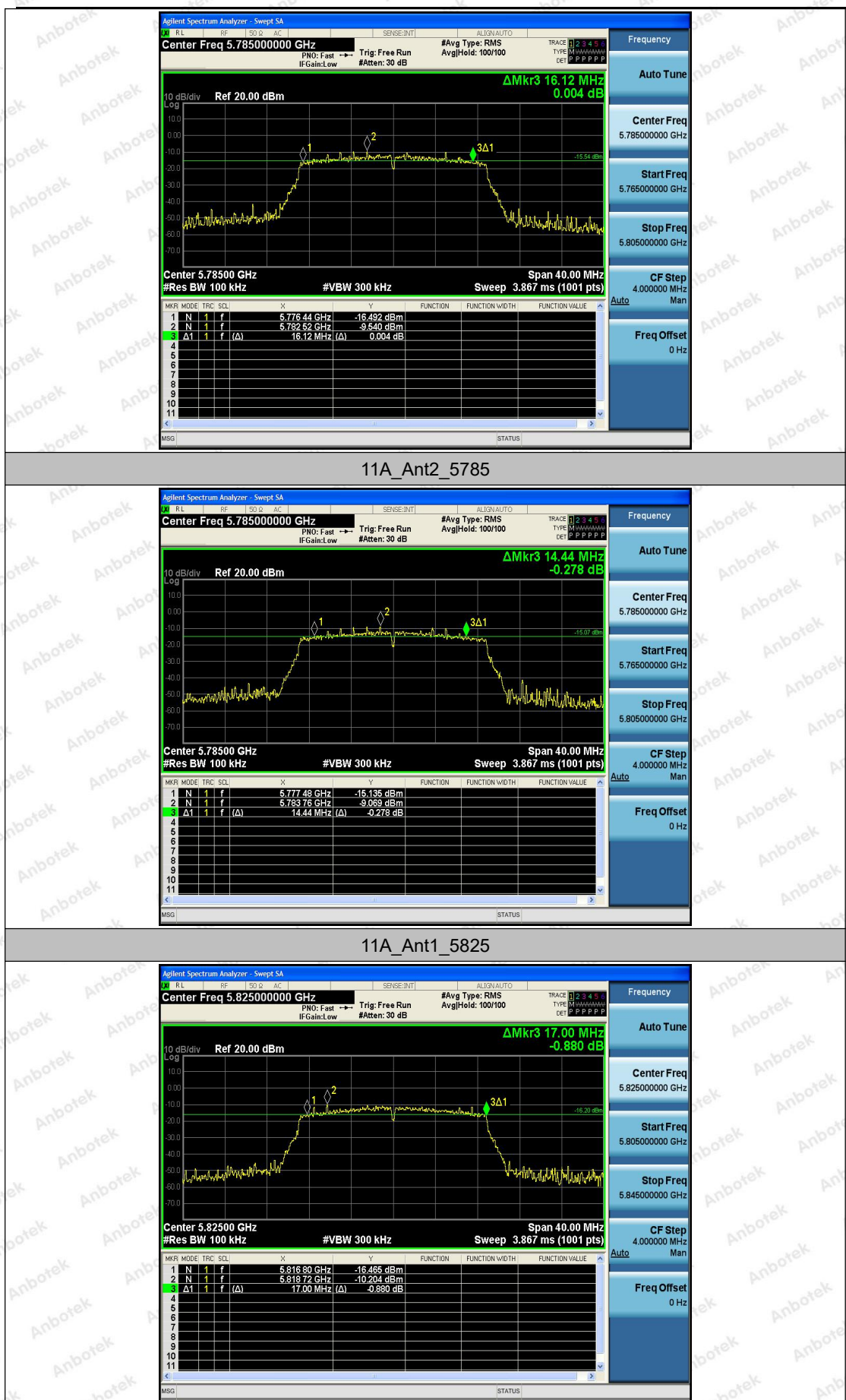
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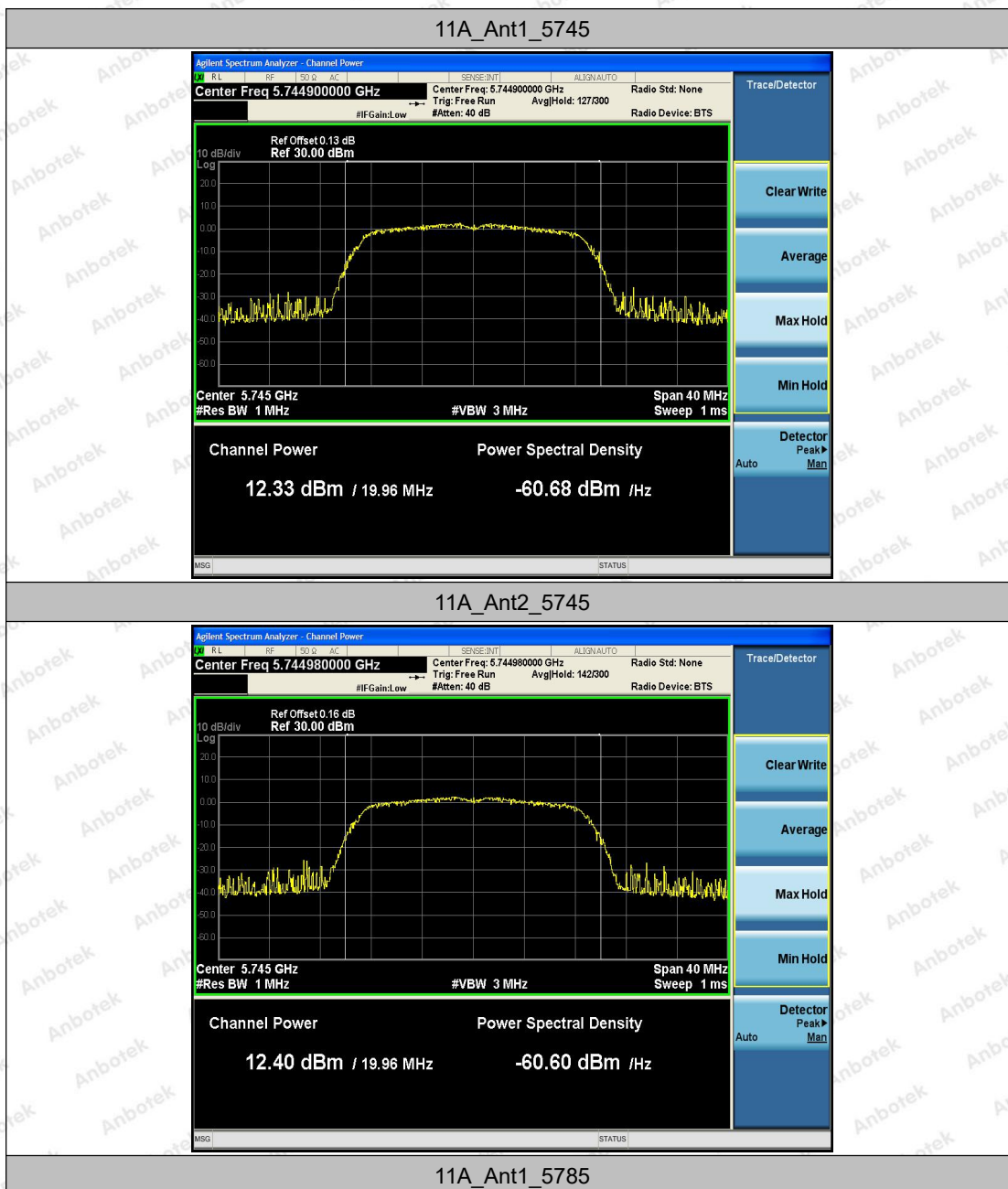
Appendix B: Maximum conducted output power

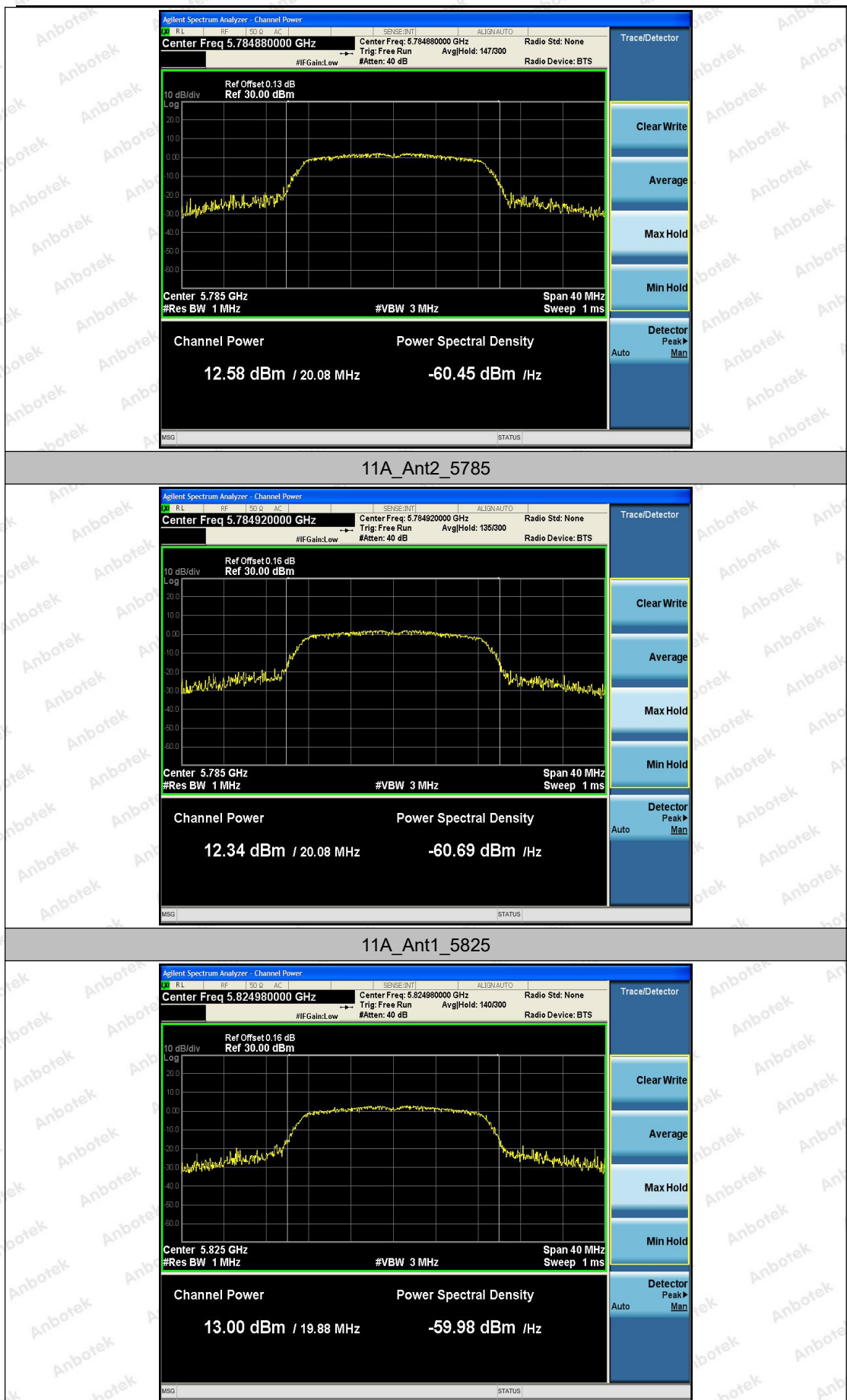
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	12.66	≤30	PASS
	Ant2	5745	12.68	≤30	PASS
	Ant1	5785	12.86	≤30	PASS
	Ant2	5785	12.68	≤30	PASS
	Ant1	5825	13.29	≤30	PASS
	Ant2	5825	13.15	≤30	PASS

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

Test Graphs





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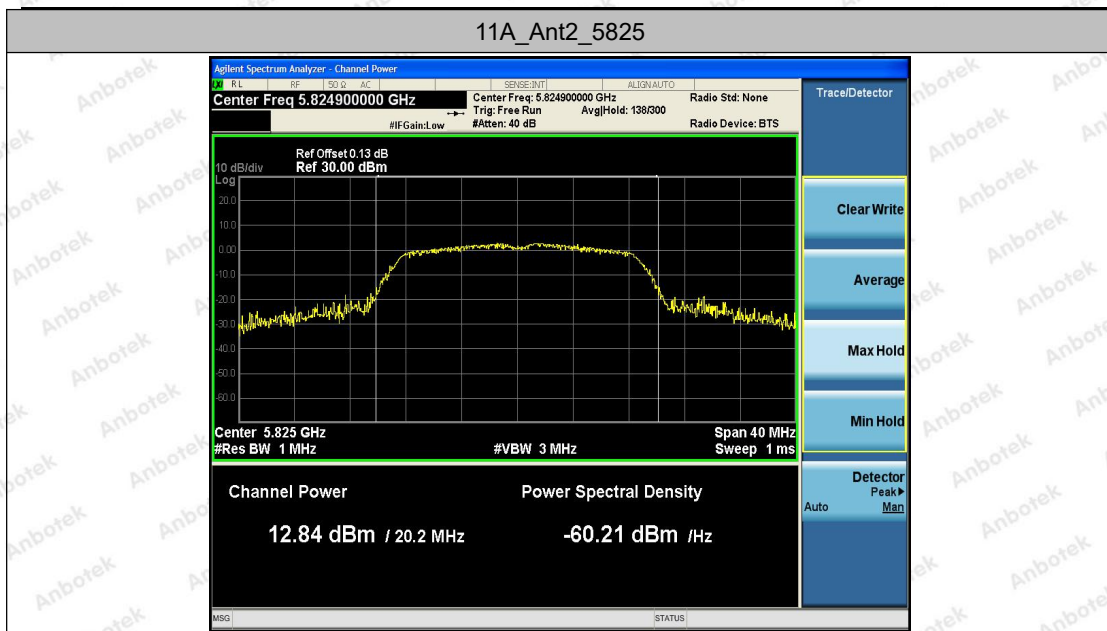
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Appendix C: Maximum power spectral density

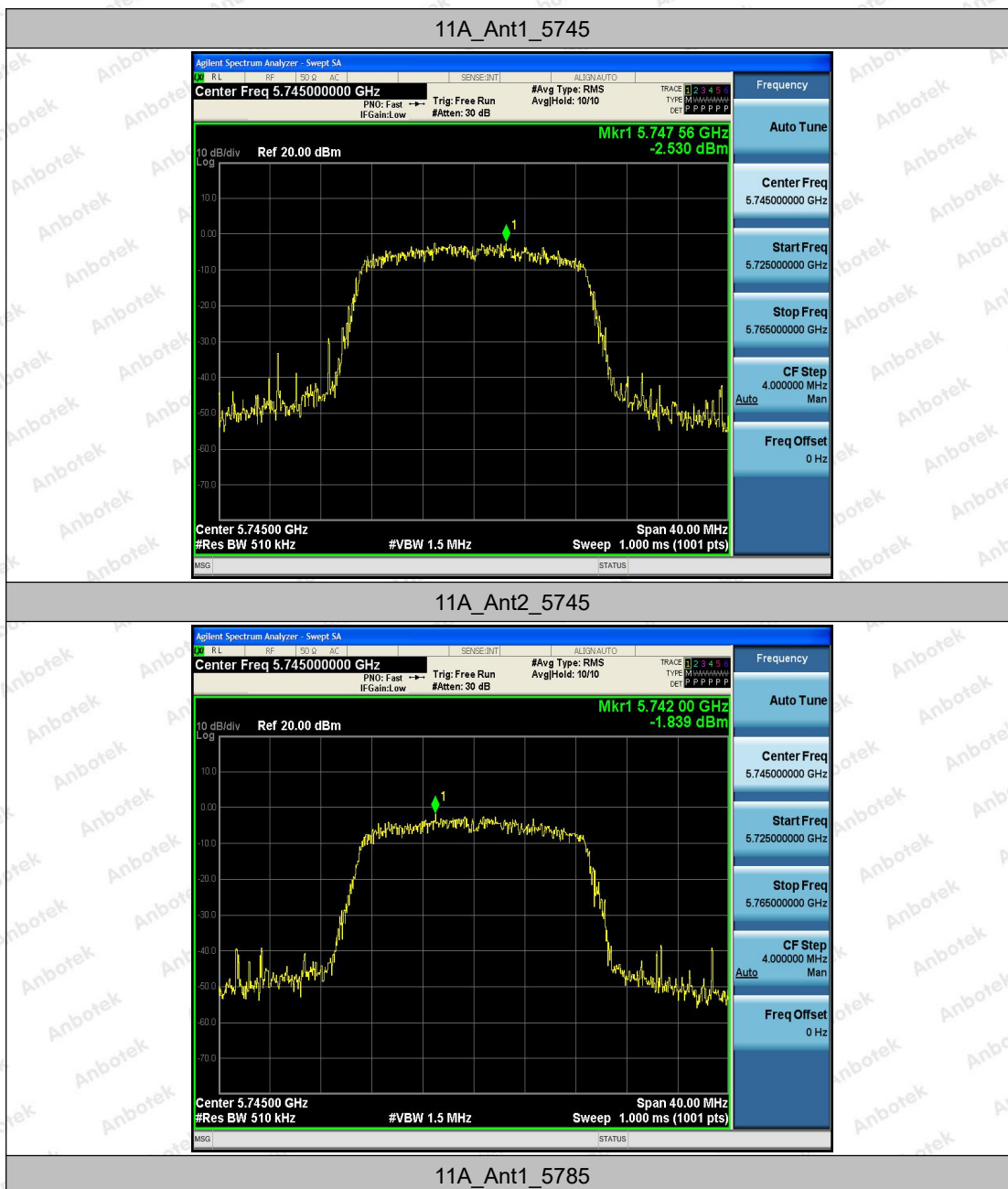
Test Result

TestMode	Antenna	Channel	Result [dBm/500KHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.53	≤30	PASS
	Ant2	5745	-1.84	≤30	PASS
	Ant1	5785	-5.47	≤30	PASS
	Ant2	5785	-5.58	≤30	PASS
	Ant1	5825	-4.57	≤30	PASS
	Ant2	5825	-4.44	≤30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

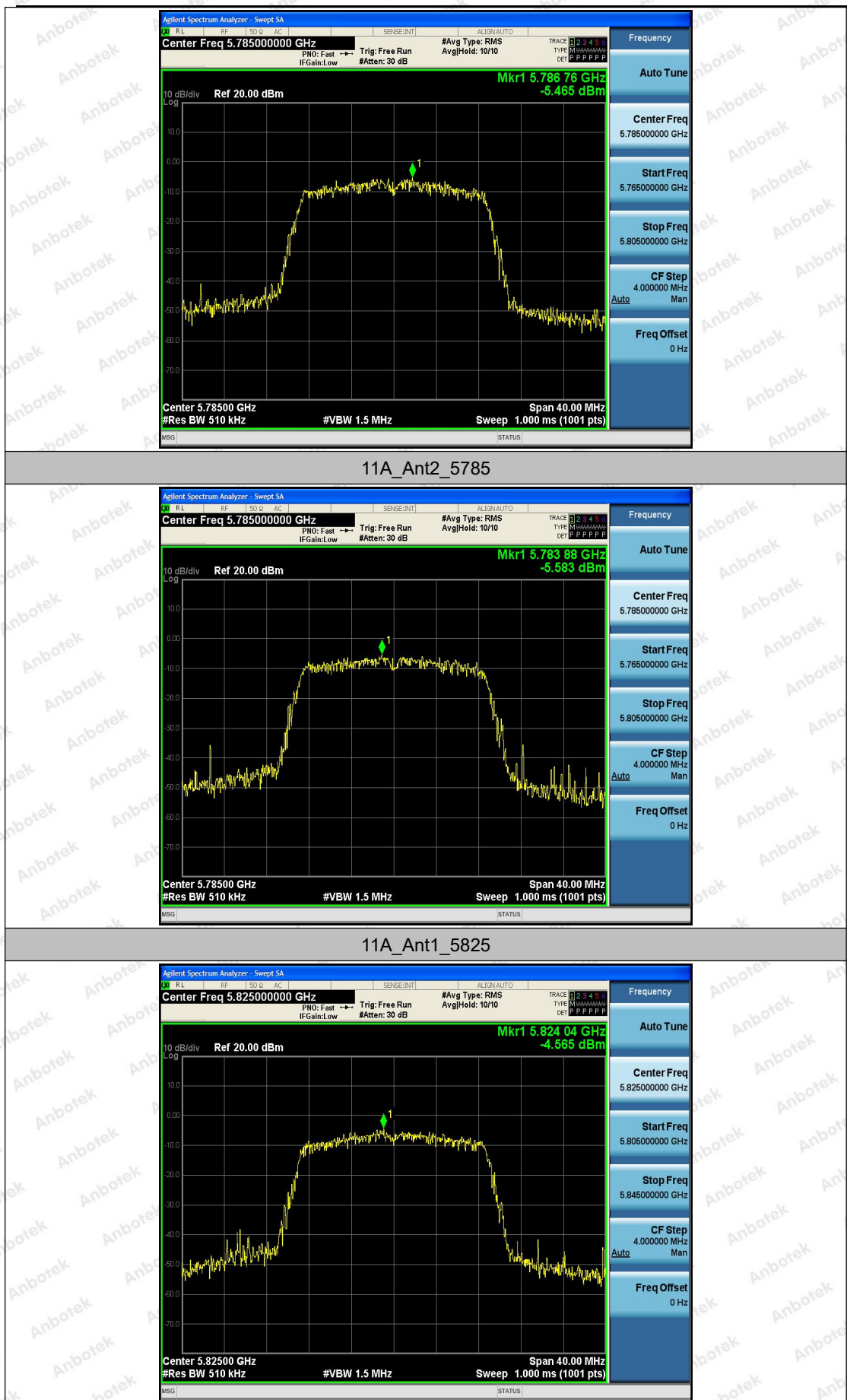


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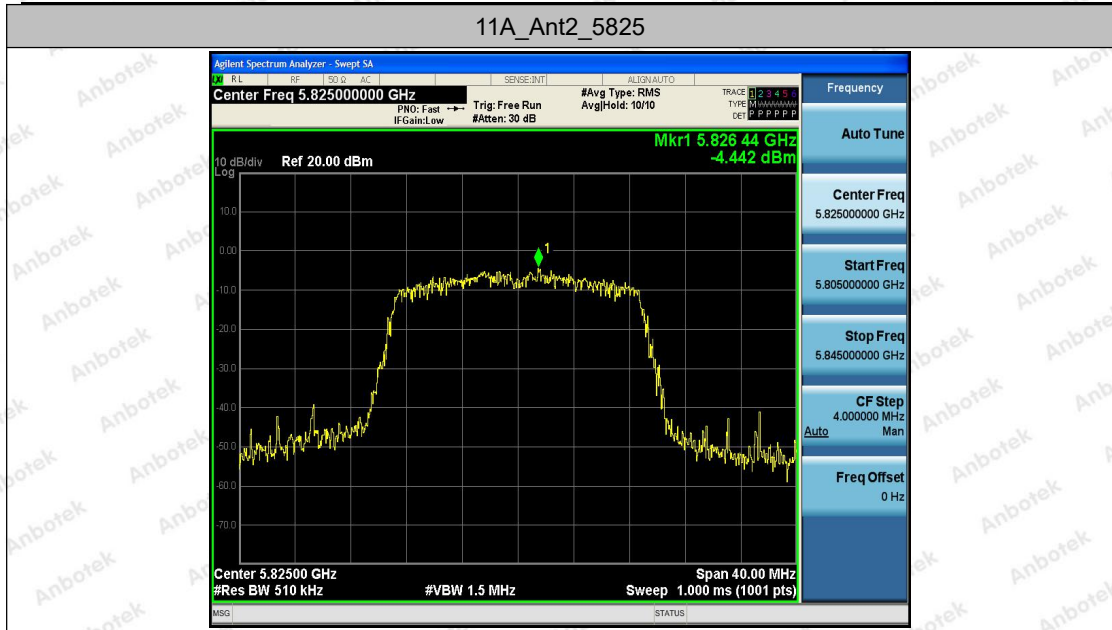


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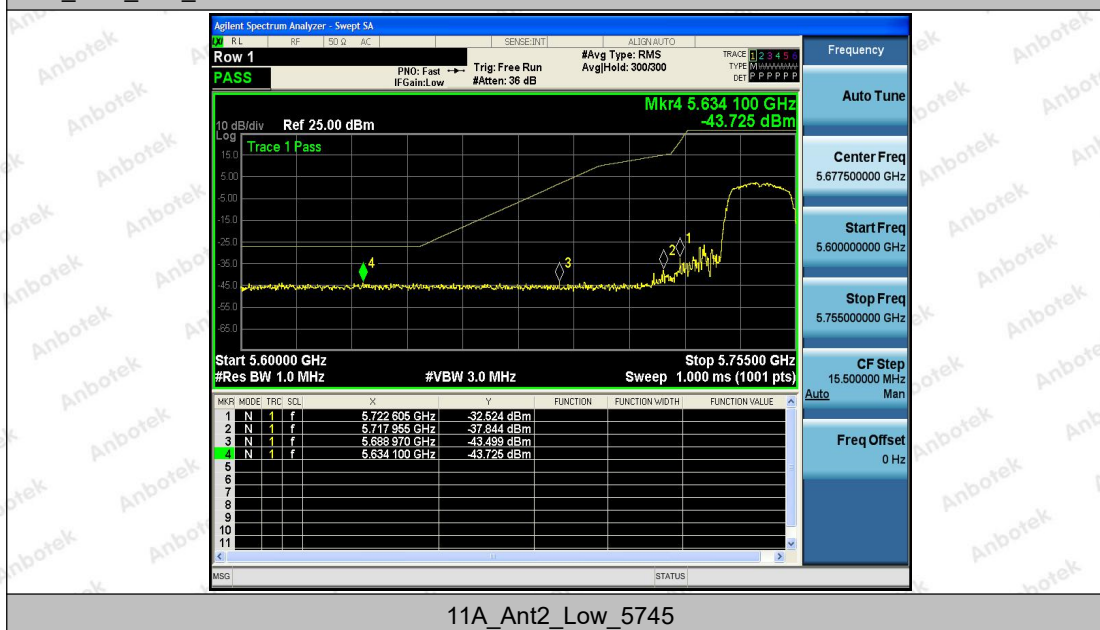
Appendix D: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-43.5	≤1.84	PASS
				5700~5720	-37.84	≤15.03	PASS
				5720~5725	-32.52	≤21.54	PASS
				5755~5650	-43.73	≤-27	PASS
	Ant2	Low	5745	5650~5700	-43.52	≤-21.68	PASS
				5700~5720	-37.36	≤15.46	PASS
				5720~5725	-35.78	≤26.84	PASS
				5755~5650	-43.51	≤-27	PASS
	Ant1	High	5825	5850~5855	-37.55	≤18.91	PASS
				5855~5875	-41.84	≤10.10	PASS
				5875~5925	-44.04	≤-4.13	PASS
				5925~5950	-44.19	≤-27	PASS
	Ant2	High	5825	5850~5855	-36.37	≤15.83	PASS
				5855~5875	-43.78	≤10.31	PASS
				5875~5925	-43.49	≤-18.01	PASS
				5925~5950	-42.97	≤-27	PASS

Test Graphs

11A_Ant1_Low_5745



11A_Ant2_Low_5745

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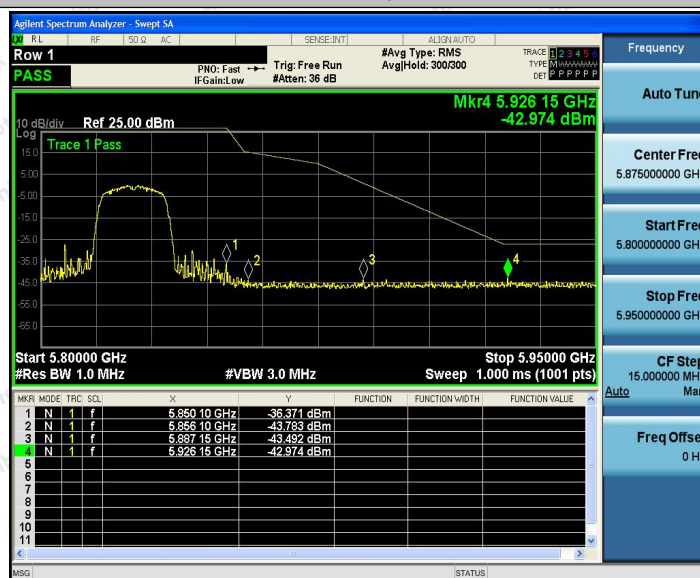
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11A_Ant1_High_5825



11A_Ant2_High_5825



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Appendix E: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	1.32	1.36	97.06	---	PASS
	Ant2	5745	1.31	1.36	96.32	---	PASS
	Ant1	5785	1.32	1.36	97.06	---	PASS
	Ant2	5785	1.31	1.36	96.32	---	PASS
	Ant1	5825	1.31	1.36	96.32	---	PASS
	Ant2	5825	1.31	1.35	97.04	---	PASS

---End---