

Appendix Test Data

Report No:	18220WC30128502	Test Sample NO:	1-2-2
Start Test Date:	2023.06.27	Finish Test Date:	2023.07.20
Test Engineer:	Rick Luo	Auditor:	Edward Pan
Temperature:	26.1°C	Relative Humidity:	50%
Pressure:	1012 hPa		

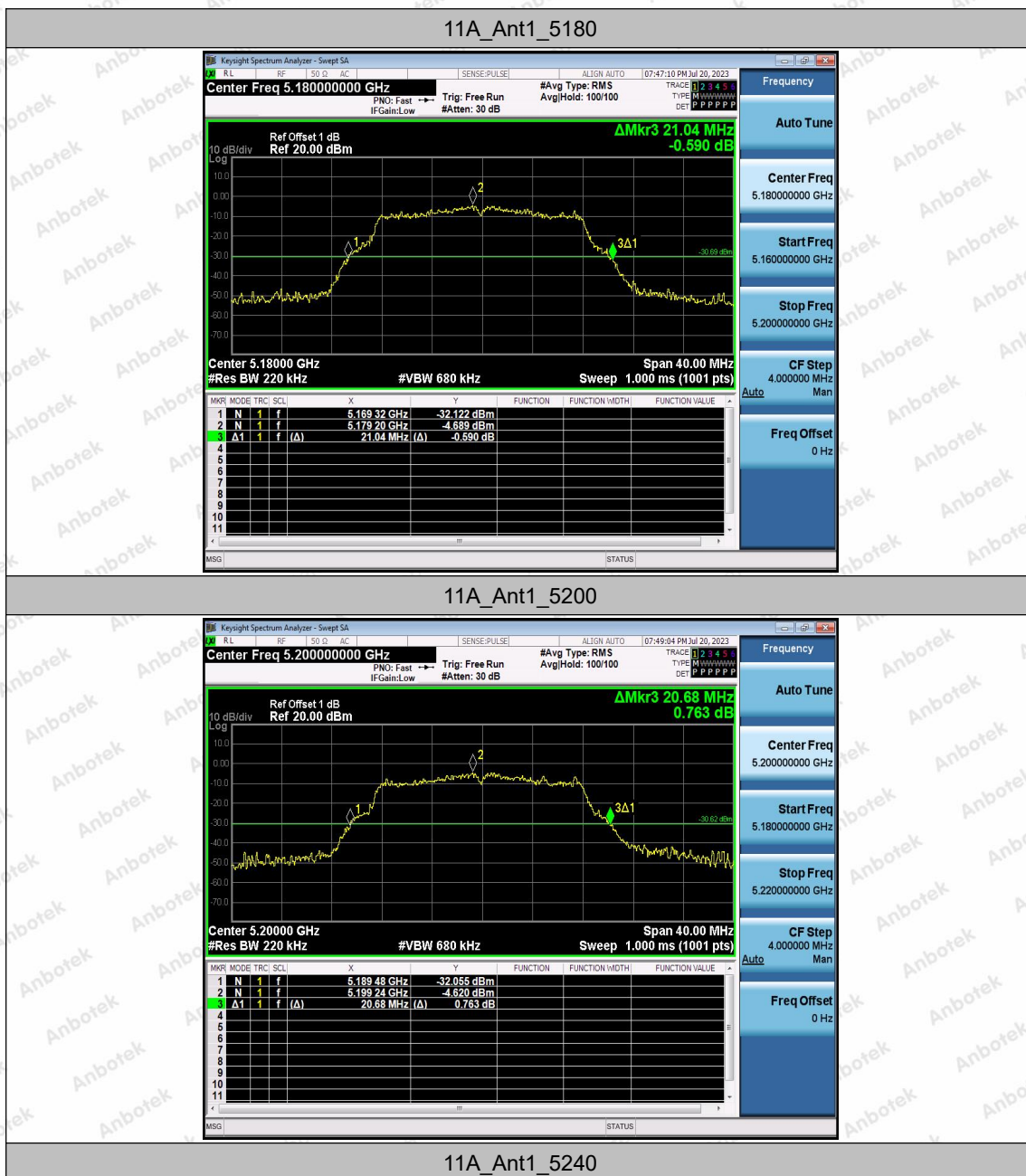
Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	21.040	5169.320	5190.360
		5200	20.680	5189.480	5210.160
		5240	20.920	5229.360	5250.280
11AC40SISO	Ant1	5190	39.440	5170.400	5209.840
		5230	39.520	5210.160	5249.680



Test Graphs



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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



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Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.110	5171.2364	5188.3464
		5200	17.187	5191.2642	5208.4512
		5240	17.092	5231.2748	5248.3668
11AC40SISO	Ant1	5190	36.283	5171.8081	5208.0911
		5230	36.323	5211.7686	5248.0916



Test Graphs



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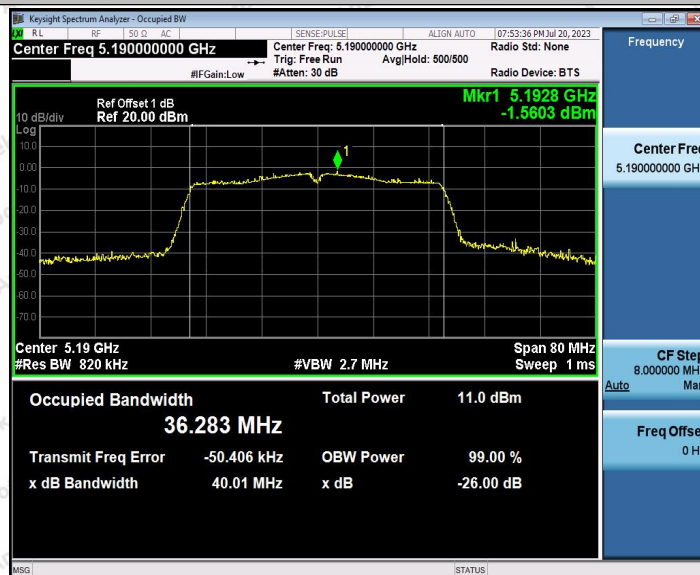


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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



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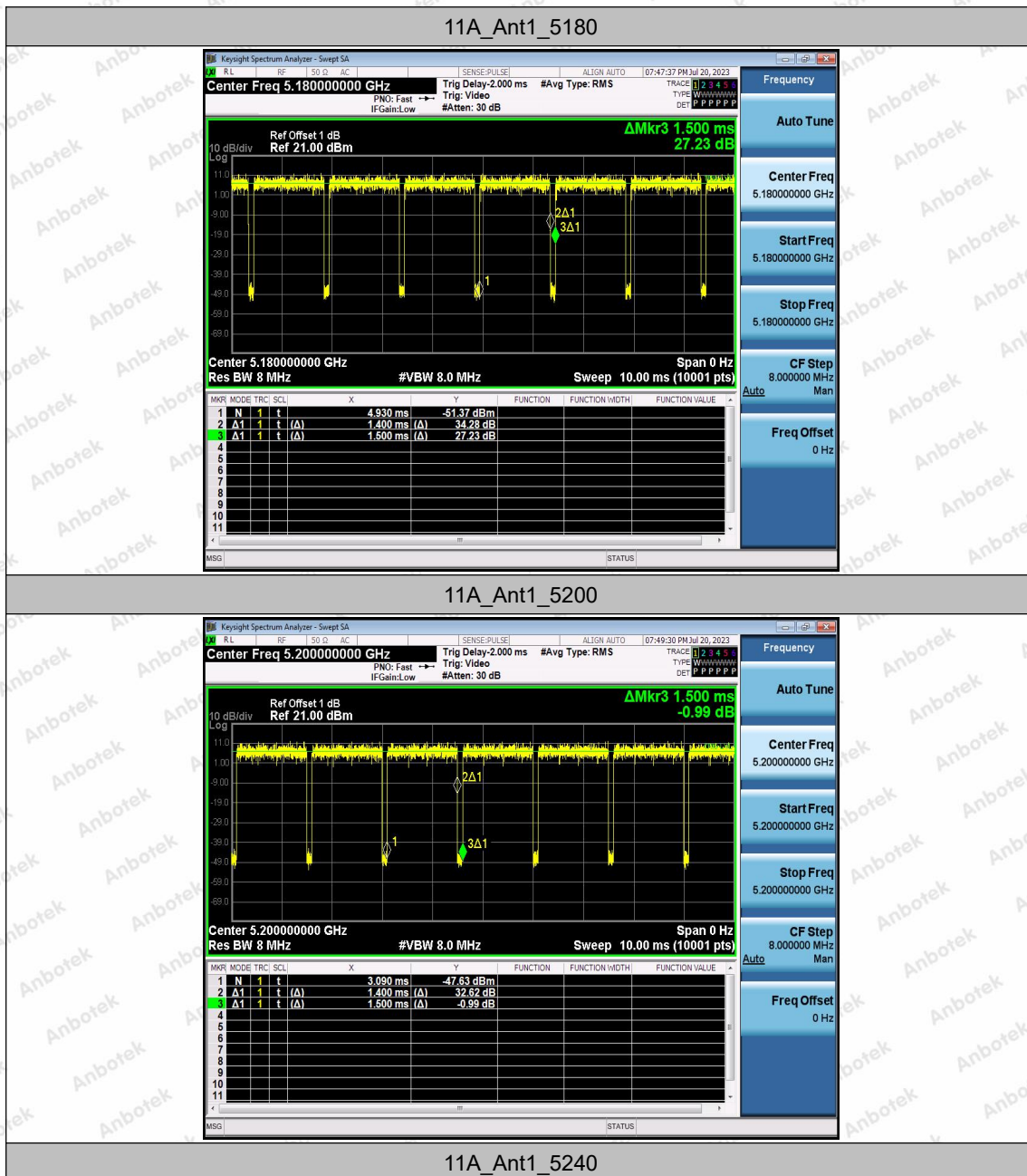
Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.40	1.50	93.33
		5200	1.40	1.50	93.33
		5240	1.39	1.49	93.29
11AC40SISO	Ant1	5190	0.66	0.76	86.84
		5230	0.66	0.76	86.84



Test Graphs



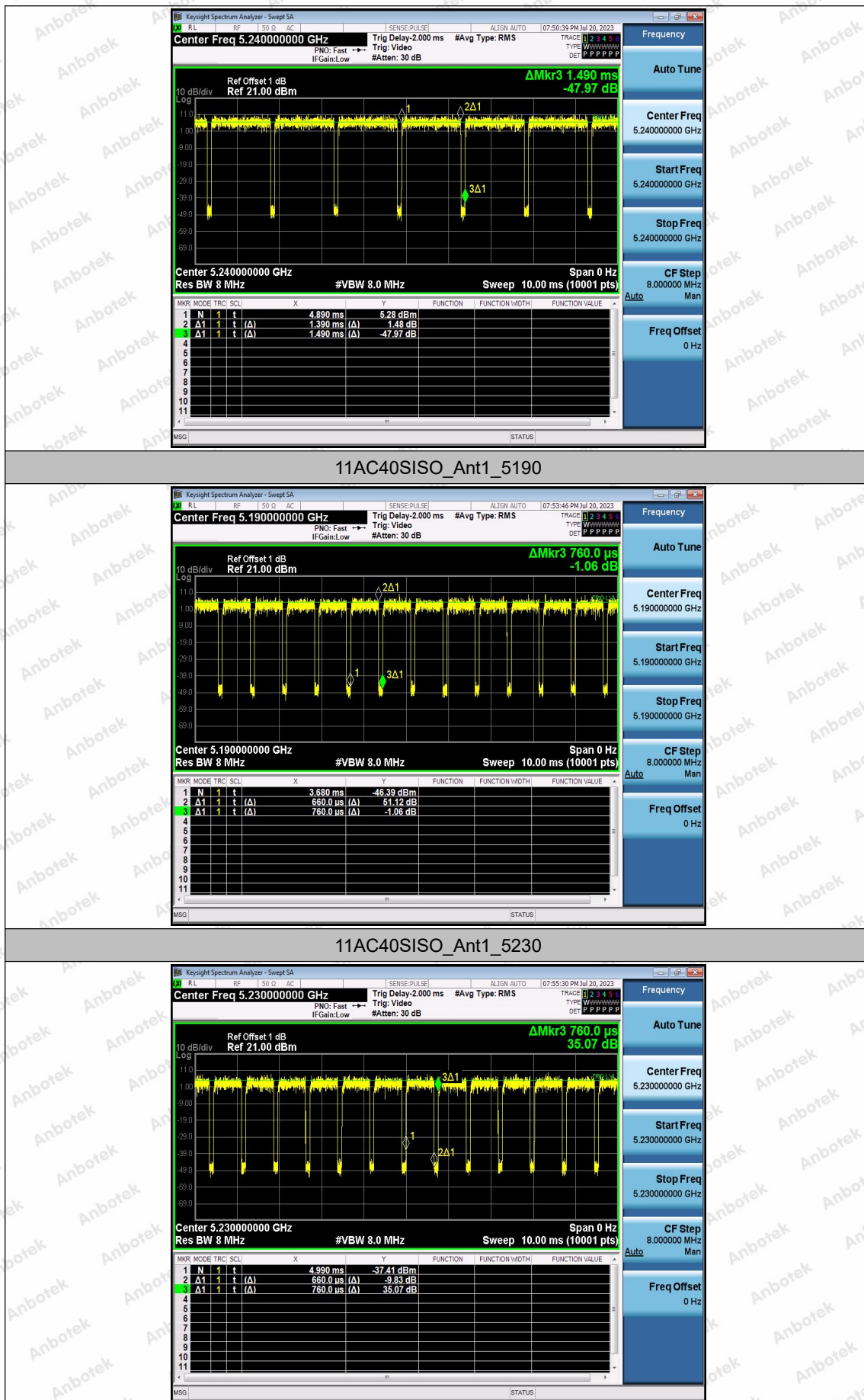
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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	---	6.48	93.33	0.30	6.78	≤23.98
		5200	---	6.46	93.33	0.30	6.76	≤23.98
		5240	---	6.44	93.29	0.30	6.74	≤23.98
11AC40SISO	Ant1	5190	---	6.29	86.84	0.61	6.90	≤23.98
		5230	---	6.51	86.84	0.61	7.12	≤23.98

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



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.00	≤11.00	PASS
		5200	-4.97	≤11.00	PASS
		5240	-5.93	≤11.00	PASS
11AC40SISO	Ant1	5190	-8.88	≤11.00	PASS
		5230	-8.19	≤11.00	PASS

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



Test Graphs



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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



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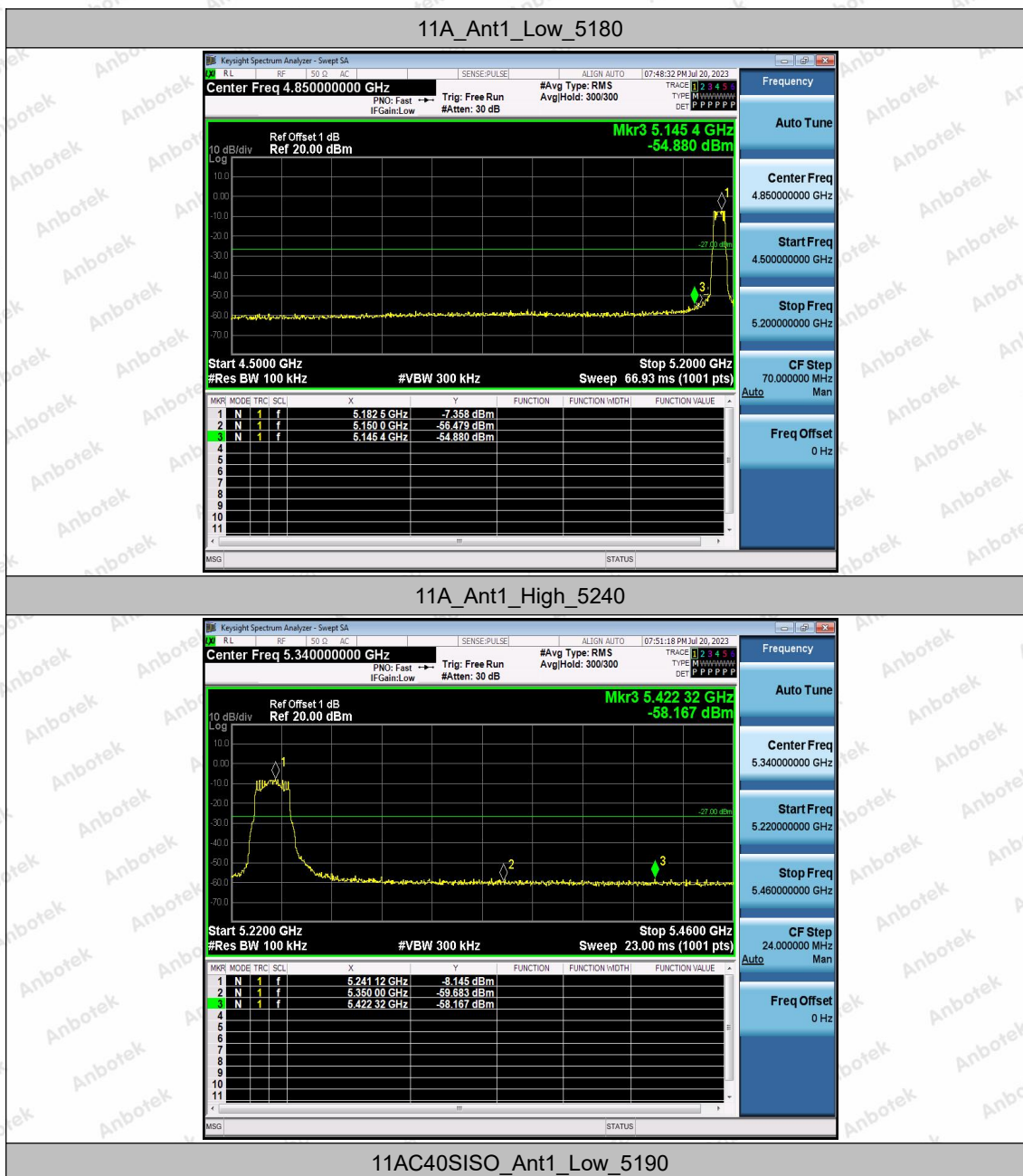
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-54.88	≤-27	PASS
		High	5240	-58.17	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-52.09	≤-27	PASS
		High	5230	-57.56	≤-27	PASS



Test Graphs



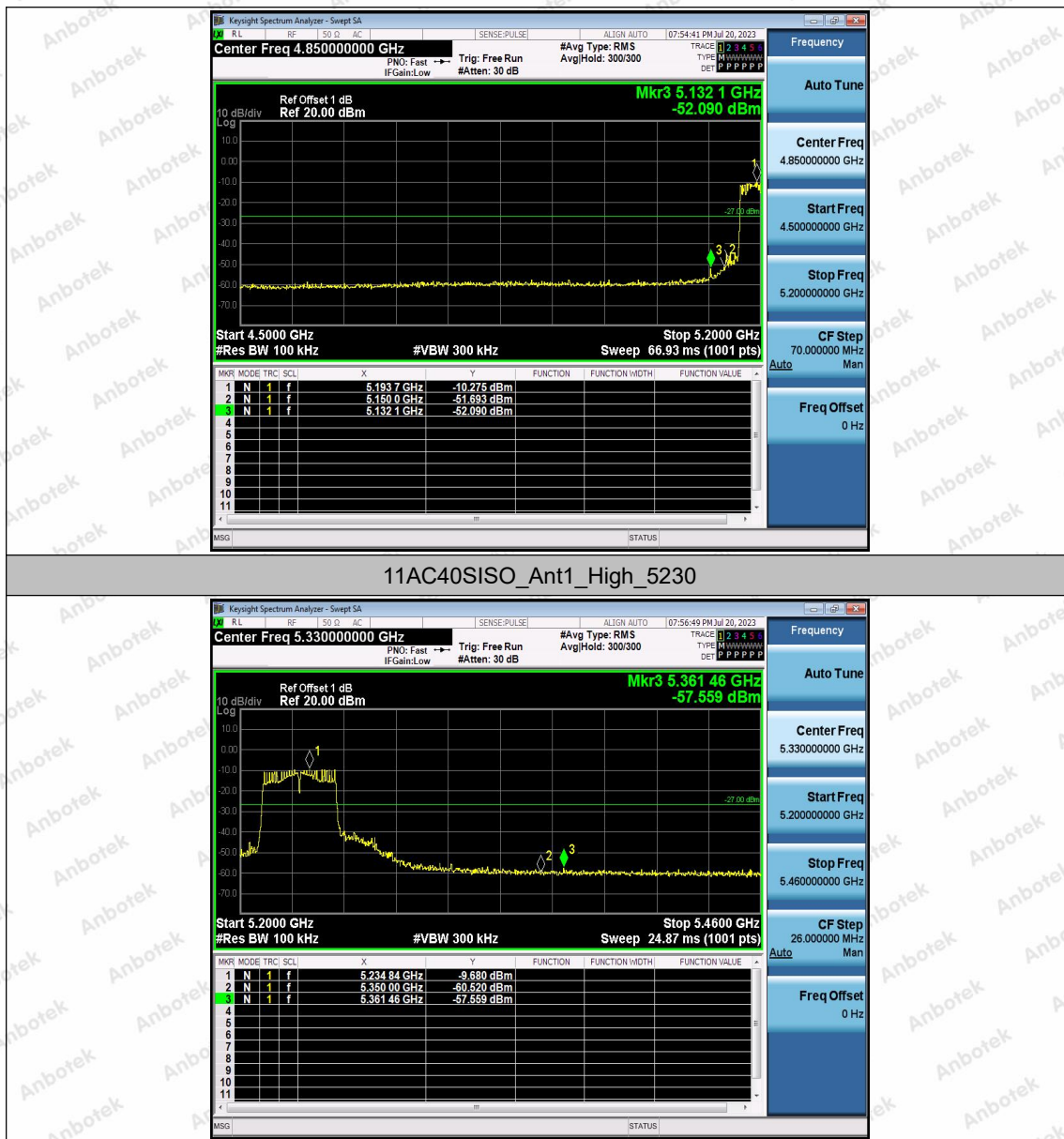
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