

Appendix Test Data

Report No:	18220WC20280101	Test Sample NO:	1-2-2
Start Test Date :	2022.12.8	Finish Test Date:	2022.12.21
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.3C°	Relative Humidity:	44%
Pressure:	1012 hPa		

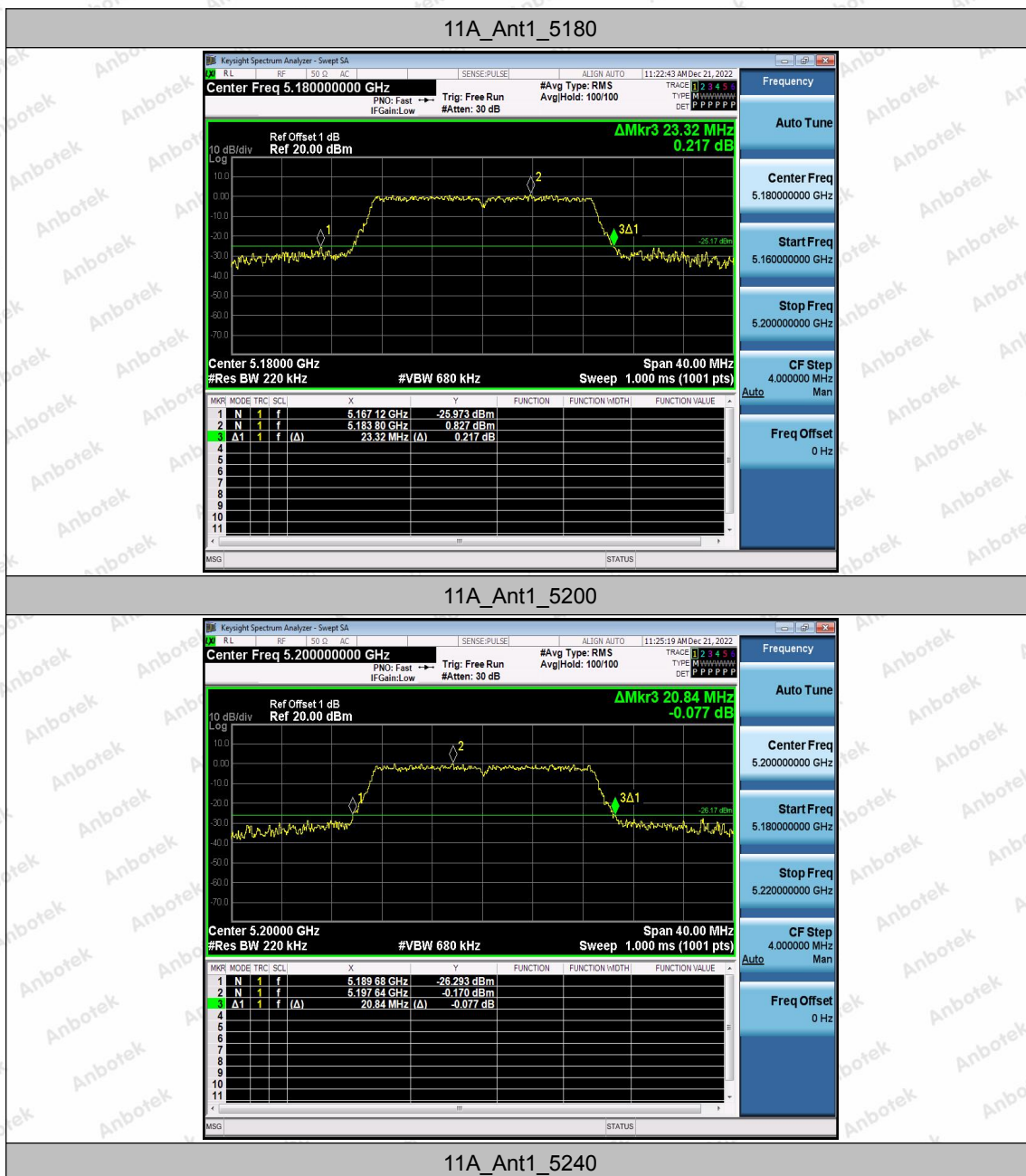
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.320	5167.120	5190.440	---	---
		5200	20.840	5189.680	5210.520	---	---
		5240	20.880	5229.840	5250.720	---	---
11N20SISO	Ant1	5180	20.440	5170.080	5190.520	---	---
		5200	21.040	5189.800	5210.840	---	---
		5240	20.680	5230.080	5250.760	---	---



Test Graphs



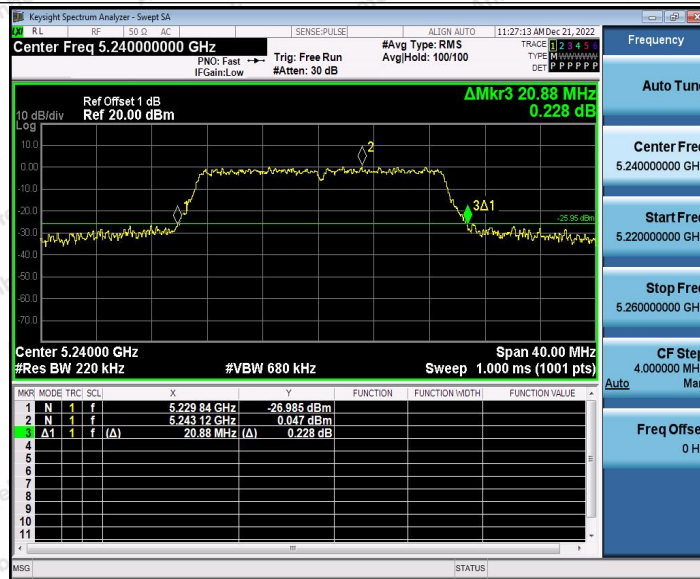
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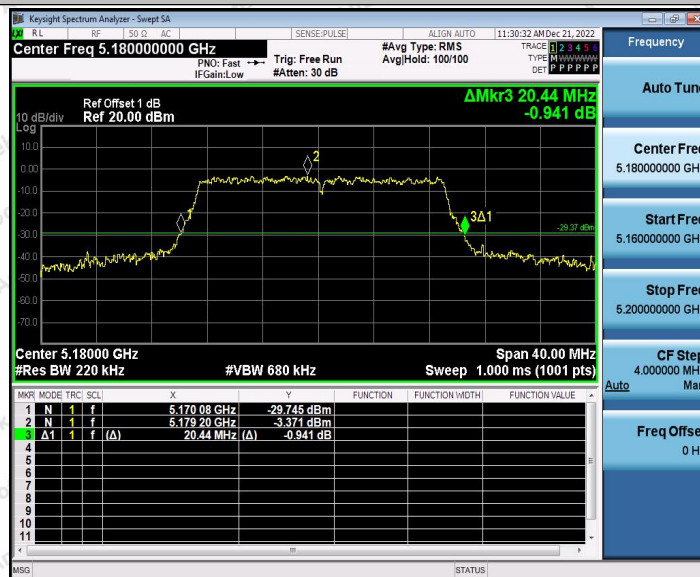


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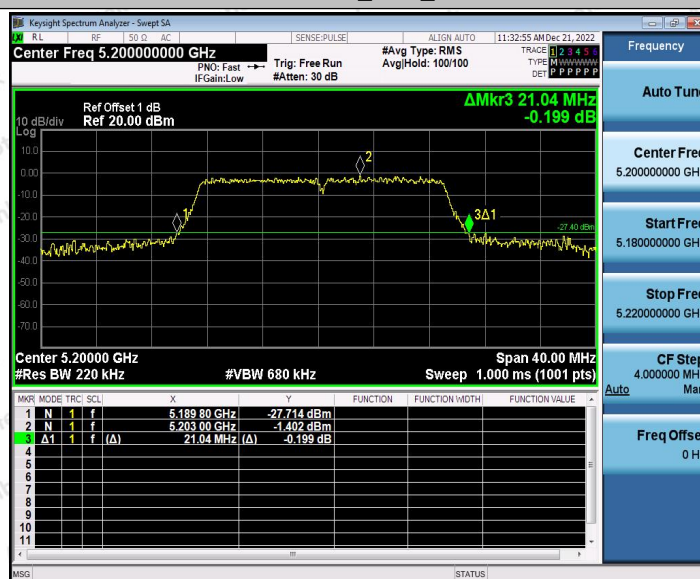




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



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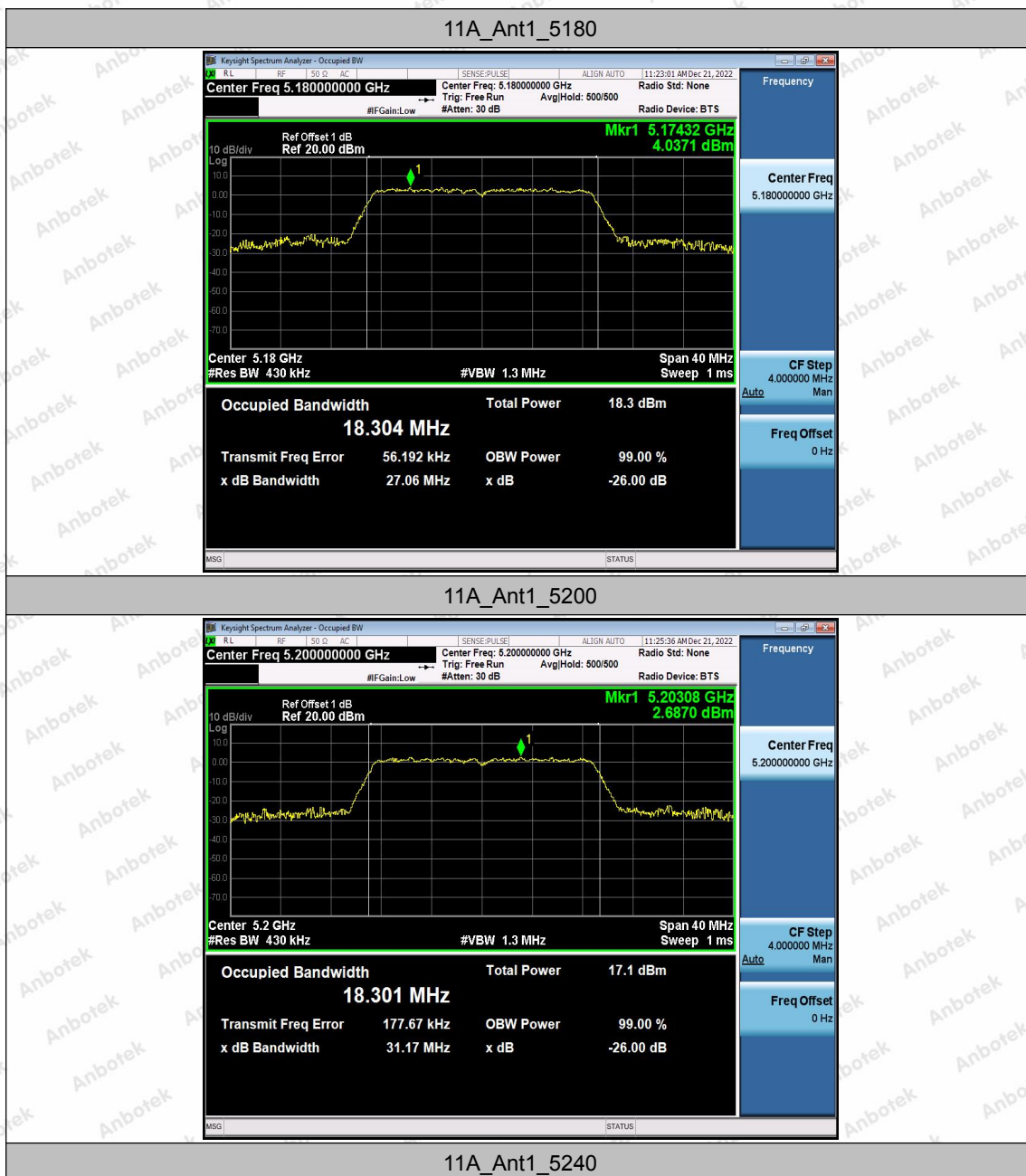
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.304	5170.9042	5189.2082	---	---
		5200	18.301	5191.0272	5209.3282	---	---
		5240	18.319	5231.1373	5249.4563	---	---
11N20SISO	Ant1	5180	17.993	5171.2955	5189.2885	---	---
		5200	18.313	5191.1889	5209.5019	---	---
		5240	18.291	5231.3358	5249.6268	---	---



Test Graphs



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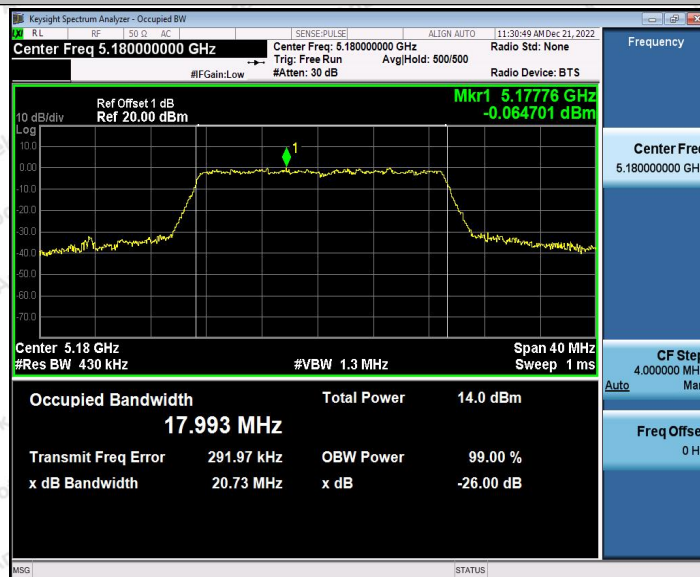


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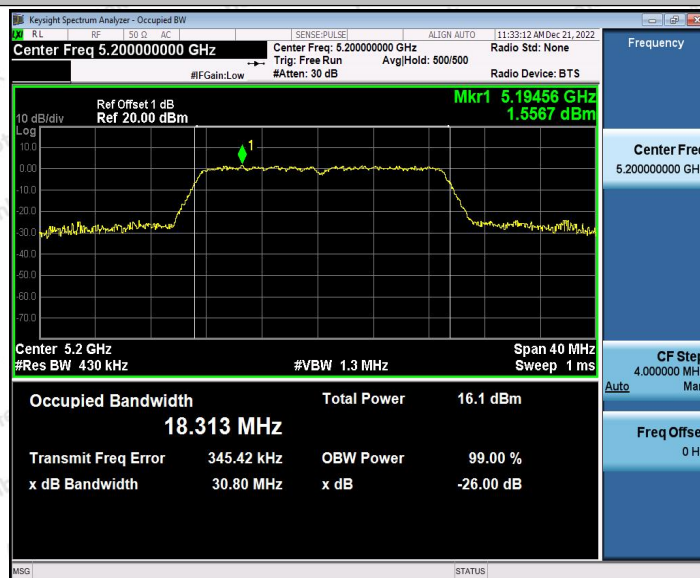




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



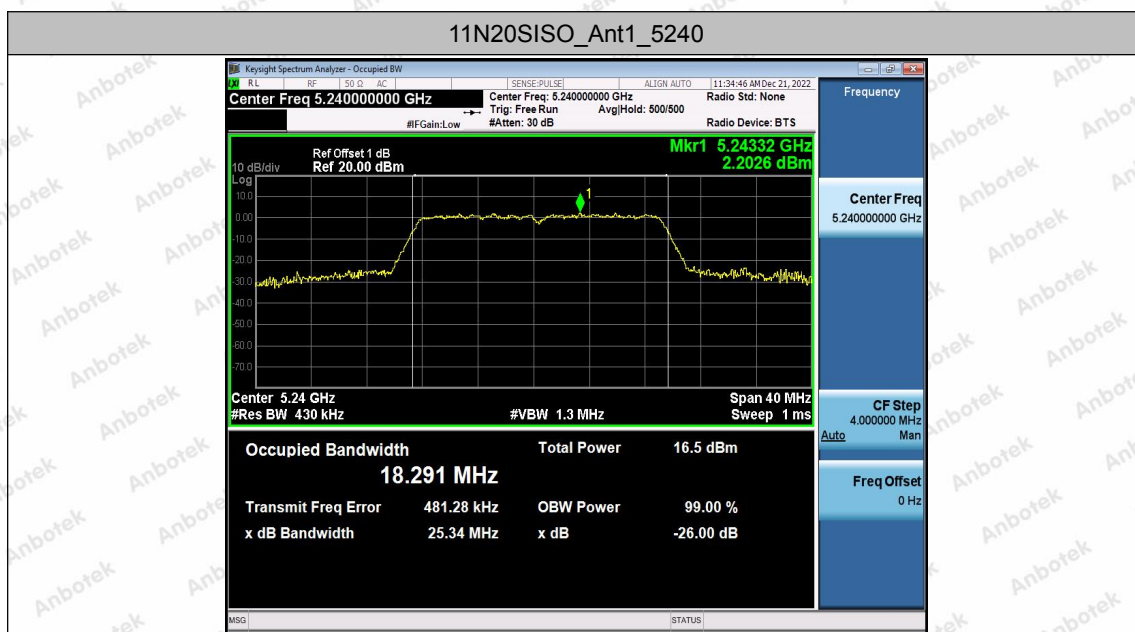
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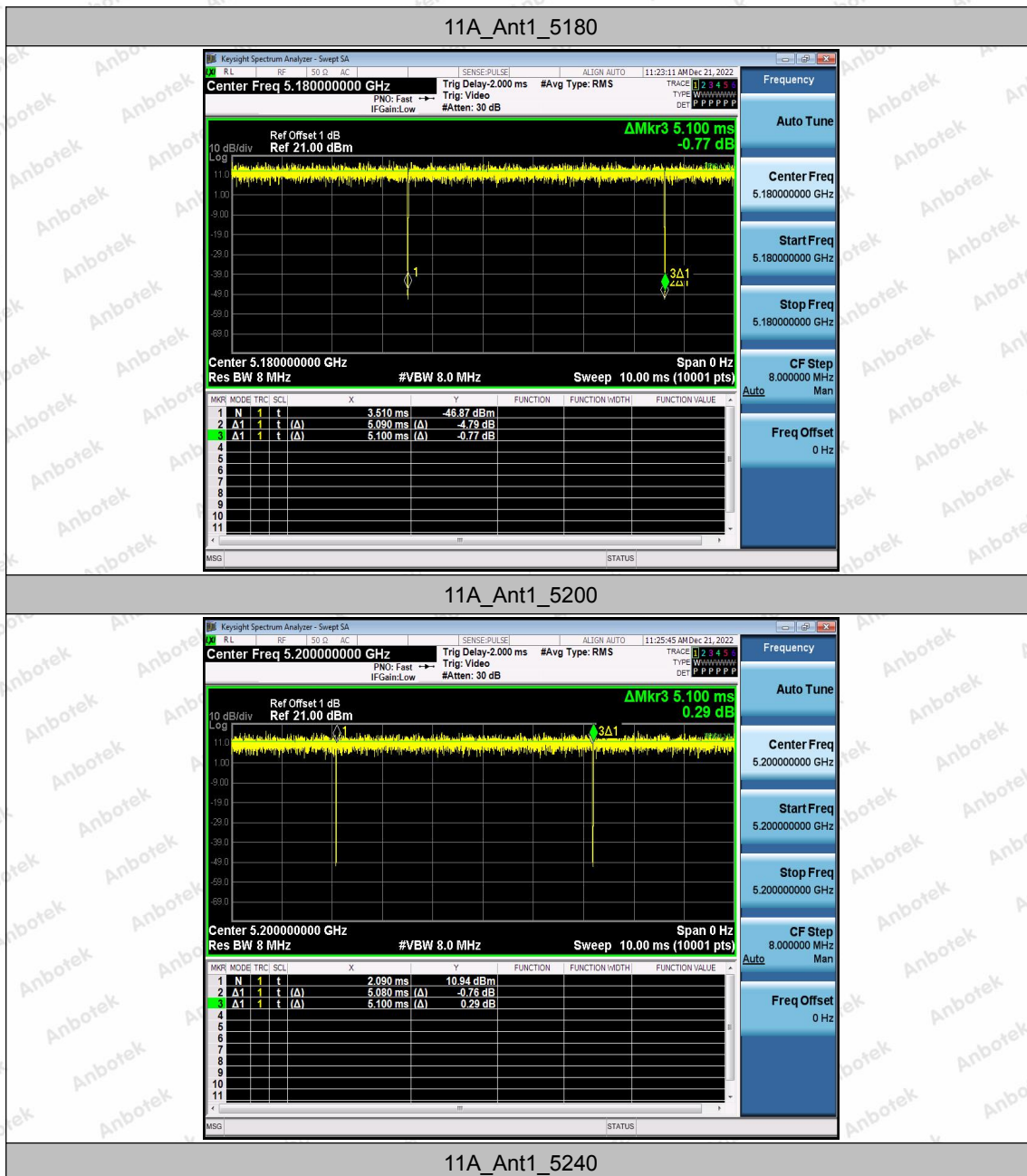
Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	5.09	5.10	99.80
		5200	5.08	5.10	99.61
		5240	5.08	5.10	99.61
11N20SISO	Ant1	5180	0.67	0.69	97.10
		5200	5.08	5.10	99.61
		5240	5.08	5.10	99.61



Test Graphs



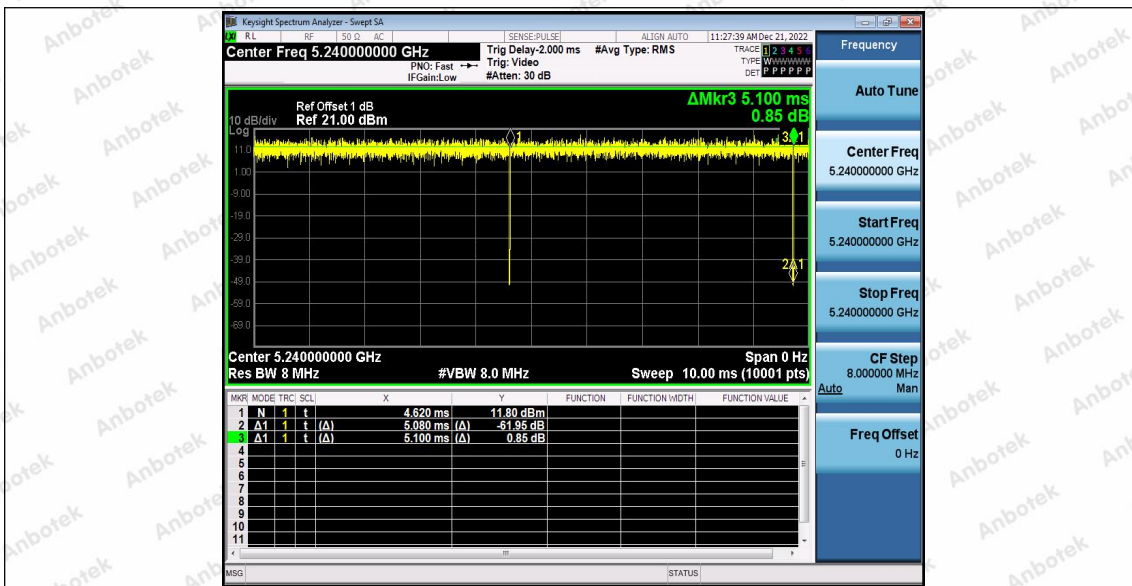
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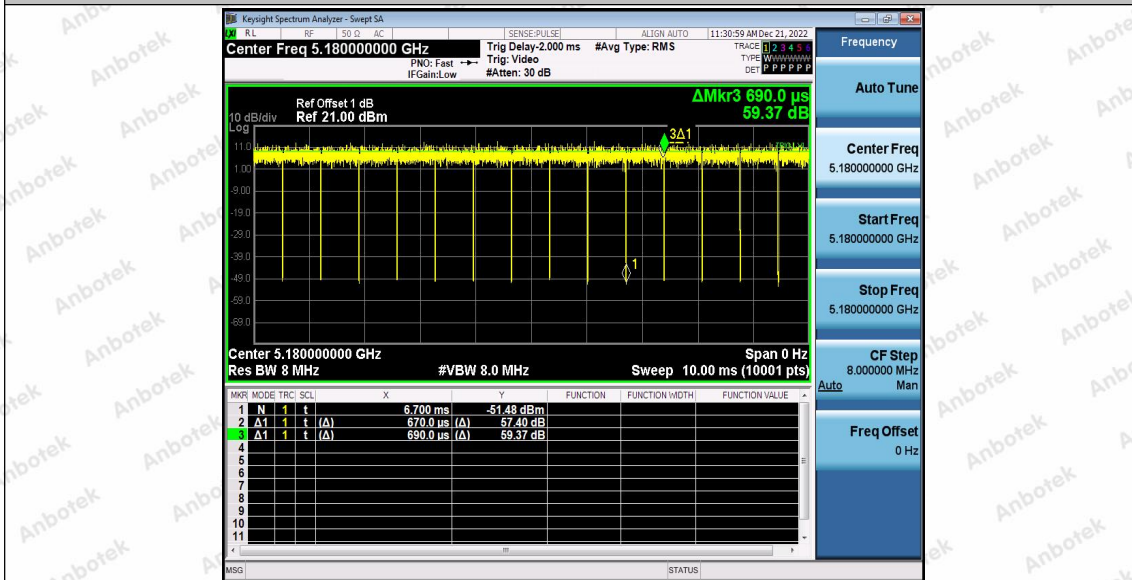


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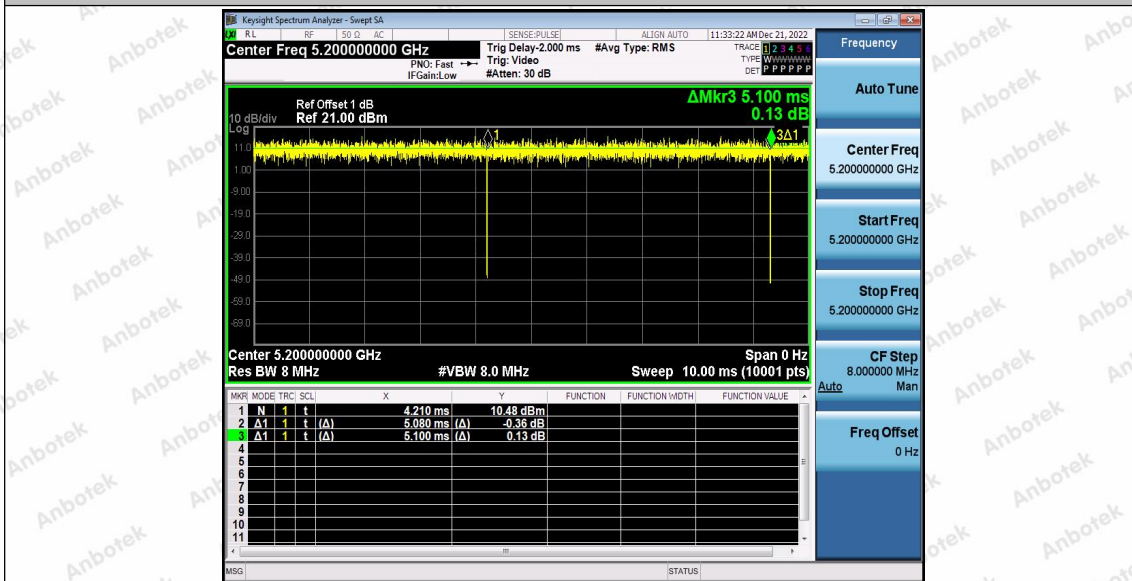




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



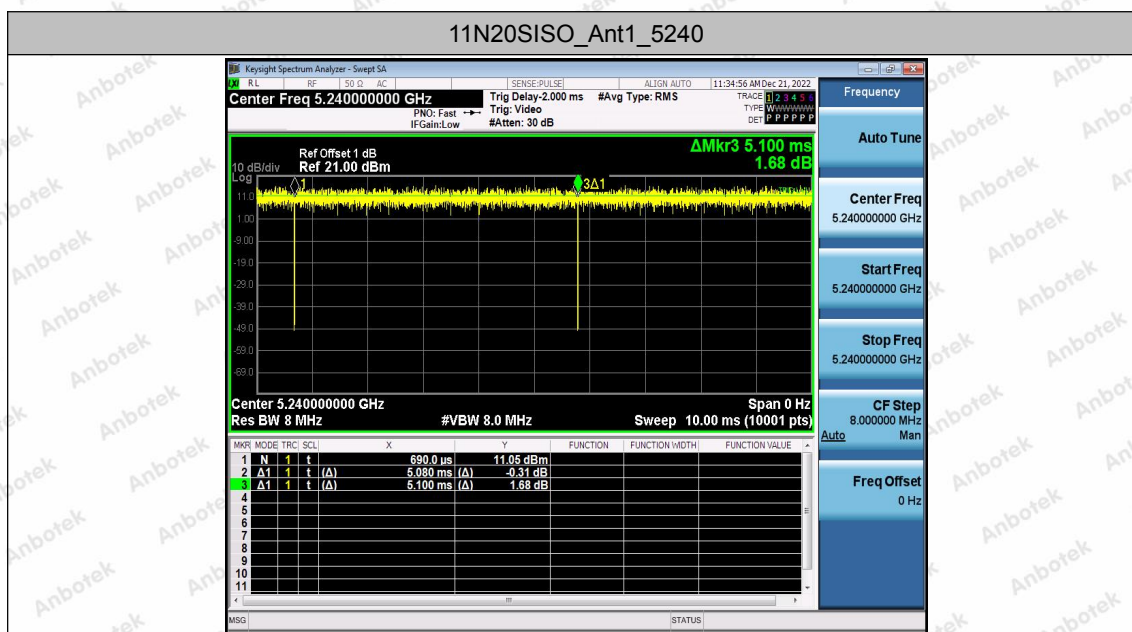
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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	16.42	99.80	0.01	16.43	≤23.98
		5200	15.21	99.61	0.02	15.23	≤23.98
		5240	15.57	99.61	0.02	15.59	≤23.98
11N20 SISO	Ant1	5180	11.81	97.10	0.13	11.94	≤23.98
		5200	14.26	99.61	0.02	14.28	≤23.98
		5240	14.75	99.61	0.02	14.77	≤23.98

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



Appendix D: Maximum power spectral density

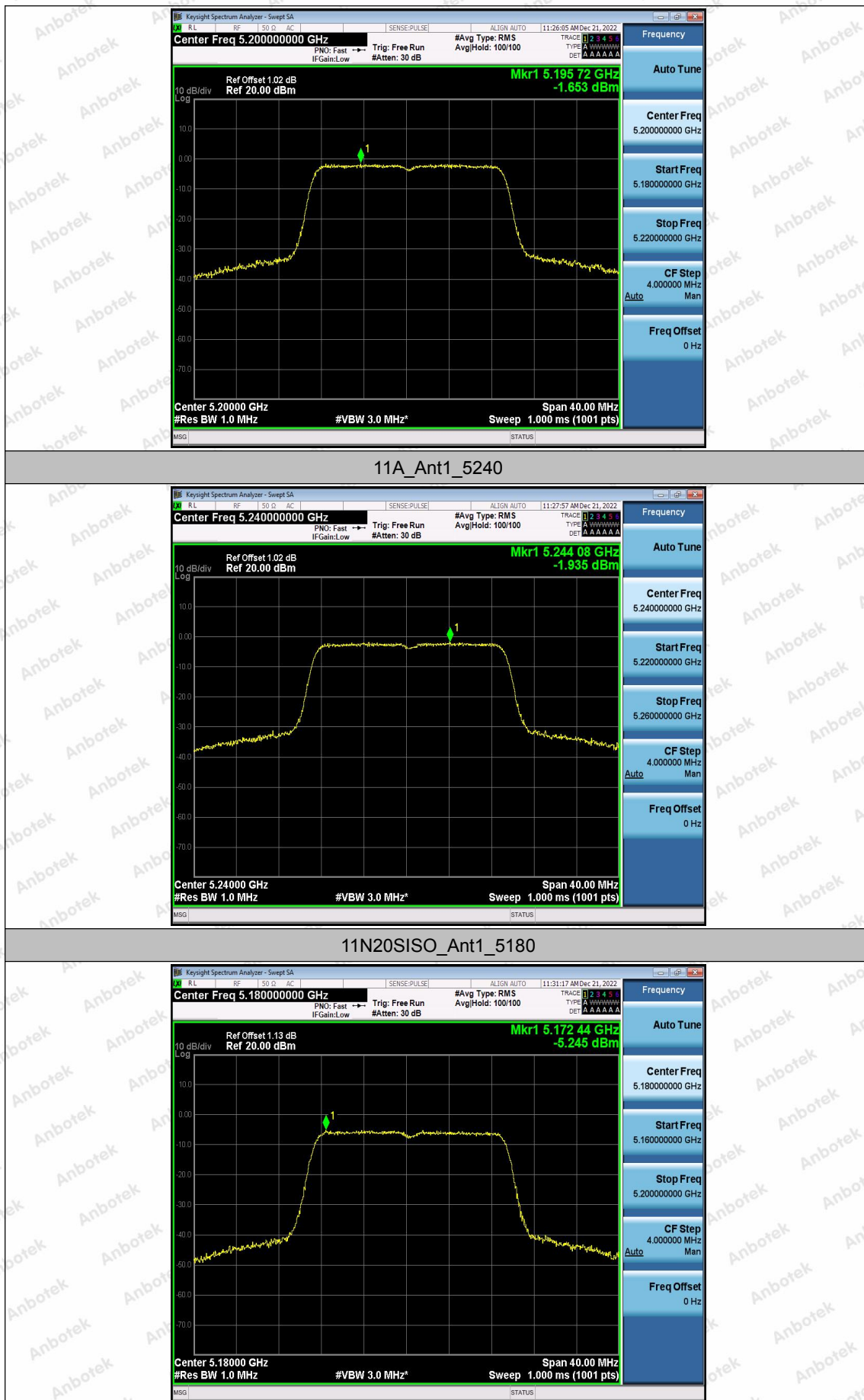
Test Result B1

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.21	≤11.00	PASS
		5200	-1.65	≤11.00	PASS
		5240	-1.94	≤11.00	PASS
11N20SISO	Ant1	5180	-5.25	≤11.00	PASS
		5200	-2.64	≤11.00	PASS
		5240	-10.77	≤11.00	PASS

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

Test Graphs B1





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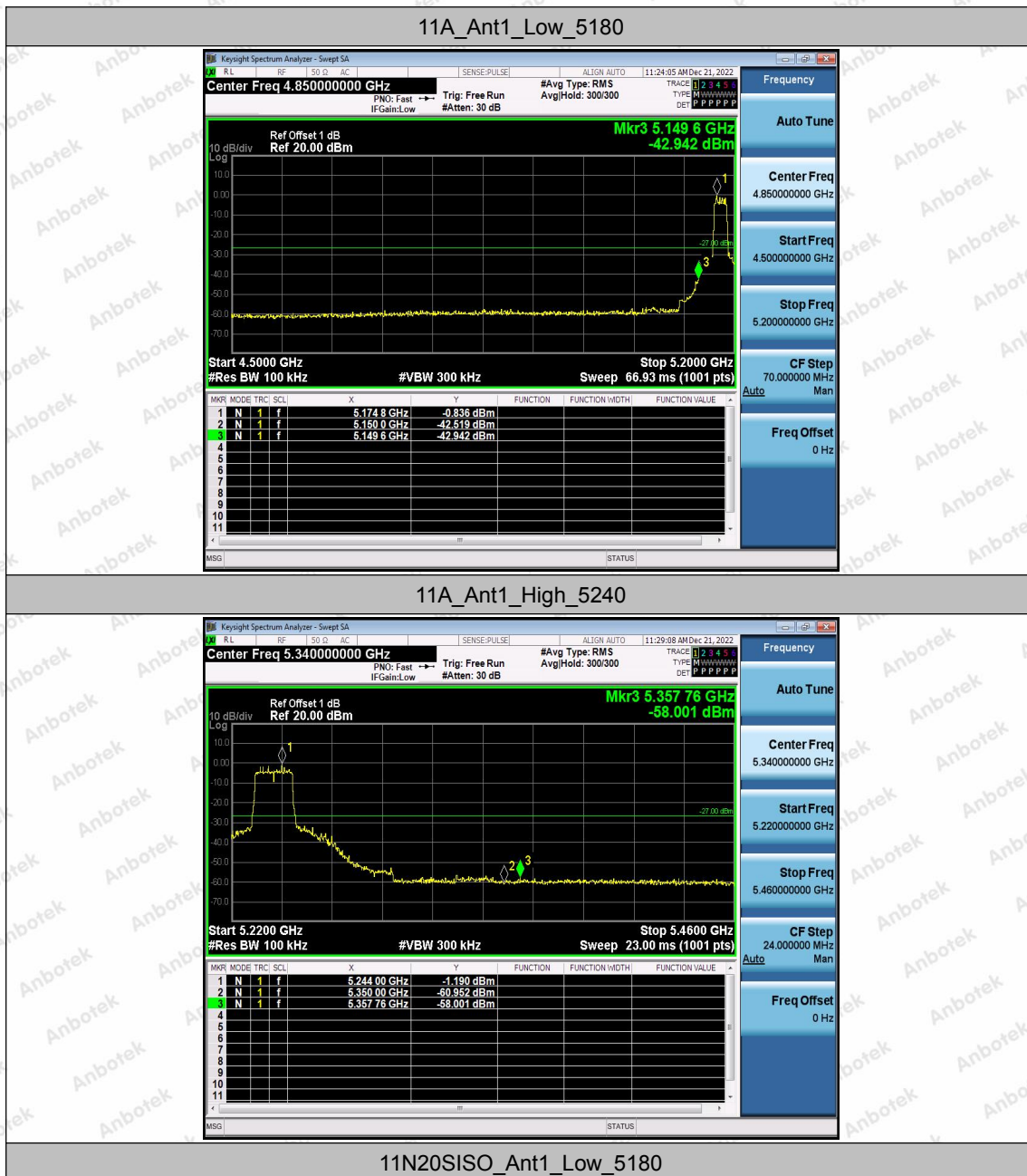
Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-42.94	≤-27	PASS
		High	5240	-58	≤-27	PASS
11N20SISO	Ant1	Low	5180	-53.54	≤-27	PASS
		High	5240	-58.2	≤-27	PASS



Test Graphs B1



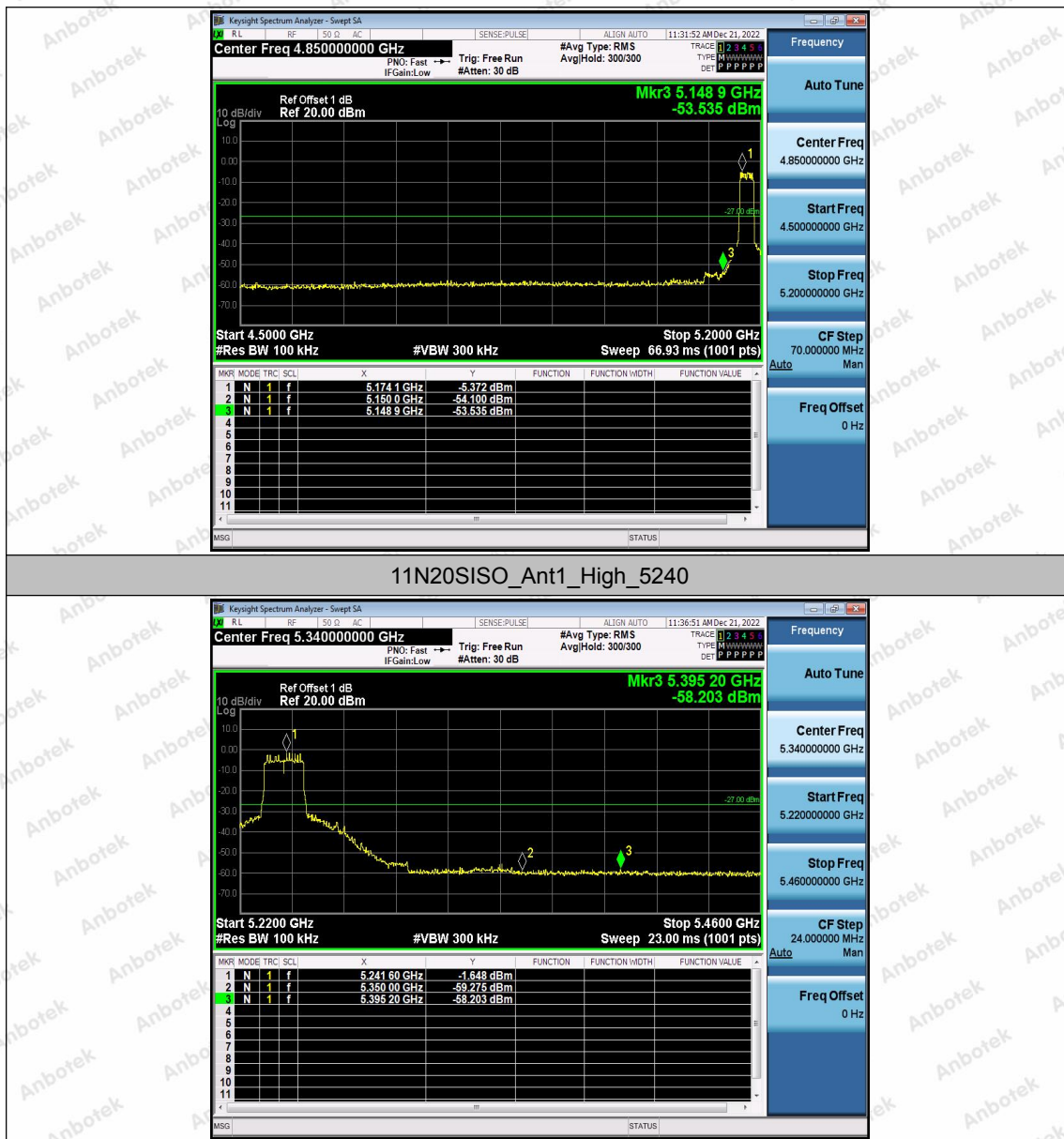
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