

Appendix Test Data

Report No.:	18220WC20066903	Test Sample No.:	1-2-2
Start Test Date:	2022.4.1	Finish Test Date:	2022.4.7
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	55.7 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5180	20.960	5169.640	5190.600	---	PASS
		5200	21.360	5189.440	5210.800	---	PASS
		5240	21.040	5229.360	5250.400	---	PASS

Test Graphs



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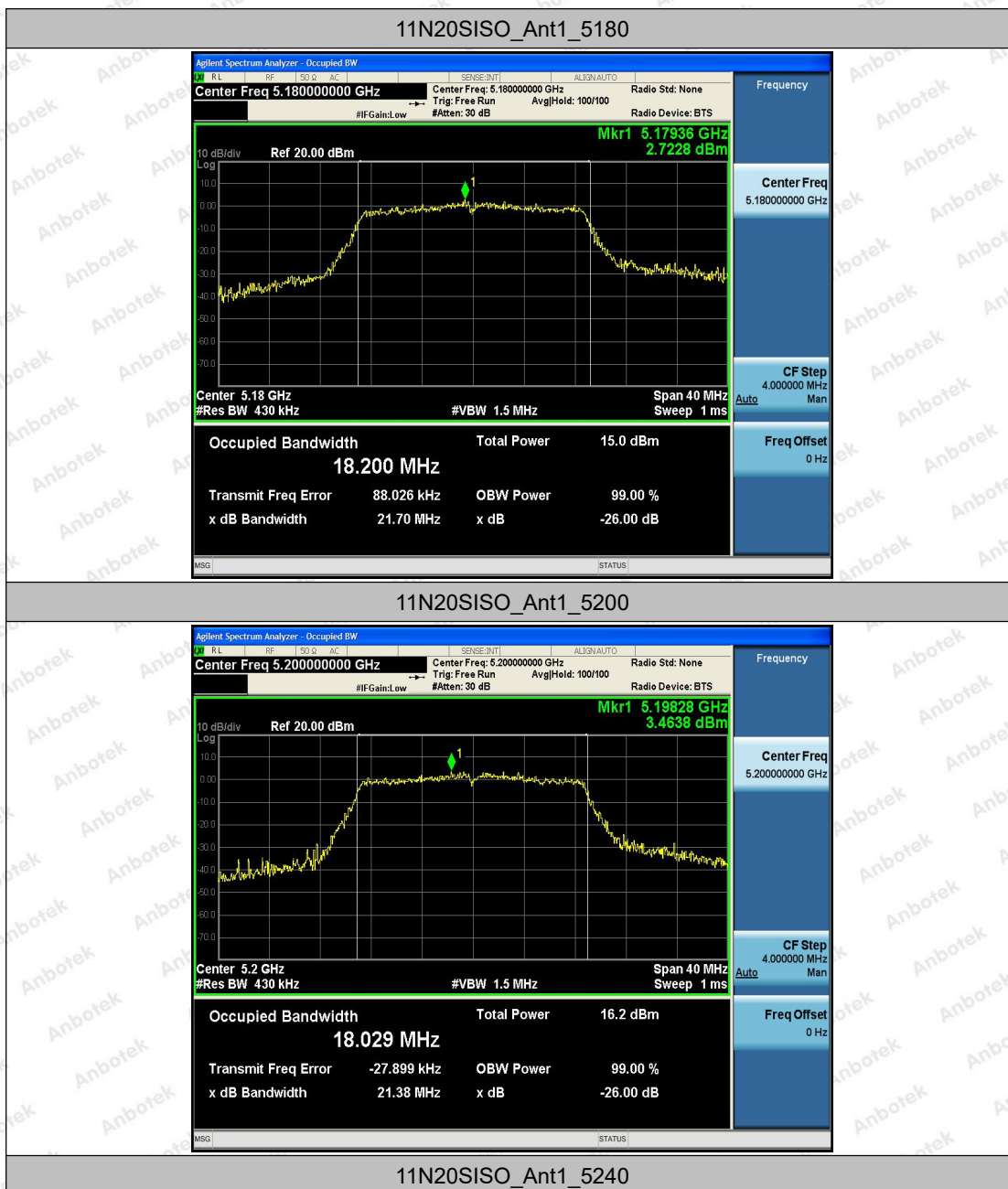
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Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5180	18.200	5170.988	5189.188	---	PASS
		5200	18.029	5190.958	5208.987	---	PASS
		5240	18.070	5230.857	5248.927	---	PASS

Test Graphs

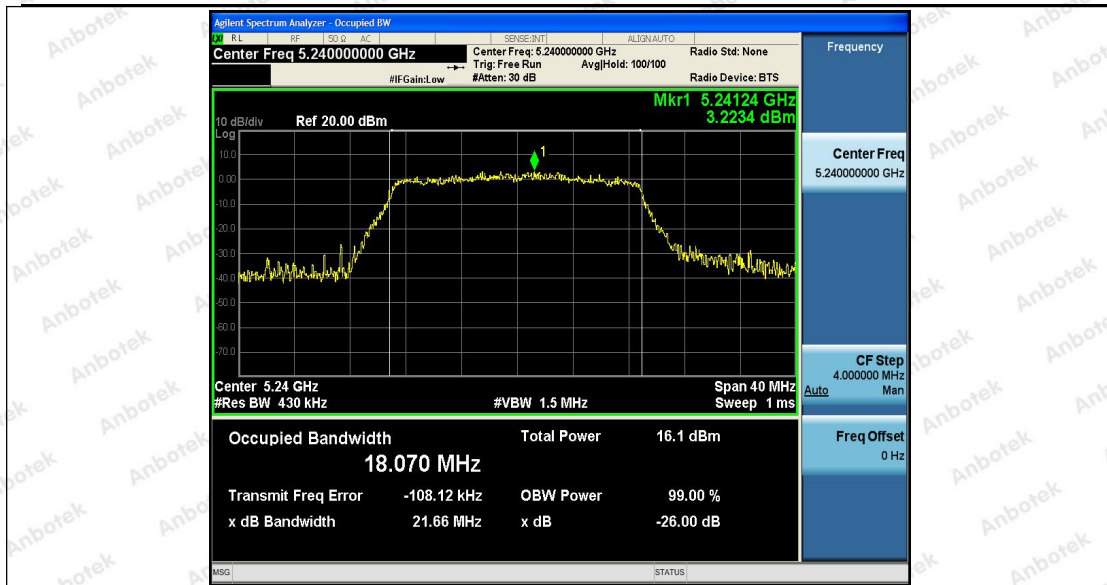


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Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant1	5180	11.29	≤23.50	PASS
		5200	12.52	≤23.50	PASS
		5240	12.34	≤23.50	PASS

Note: Limit[dBm]=23.98dBm-(6.48dBi-6dB)=23.50dBm

The Duty Cycle Factor is compensated in the graph.

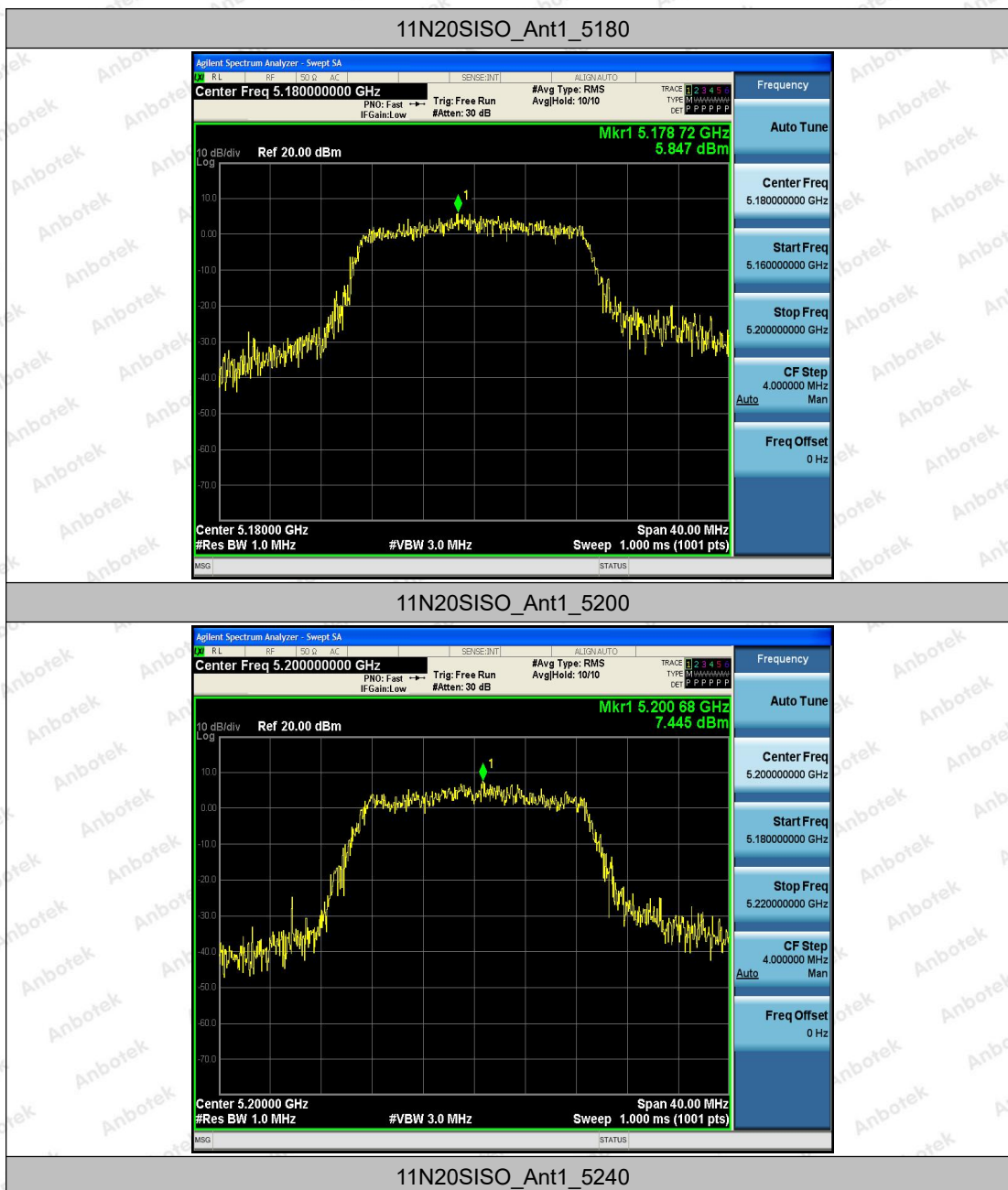
Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20SISO	Ant1	5180	5.85	≤ 10.52	PASS
		5200	7.45	≤ 10.52	PASS
		5240	6.27	≤ 10.52	PASS

Note: Limit[dBm/MHz] = 11[dBm/MHz] - (Gain 6.48dBi - 6dB) = 11 - 0.48 = 10.52[dBm/MHz]

Test Graphs



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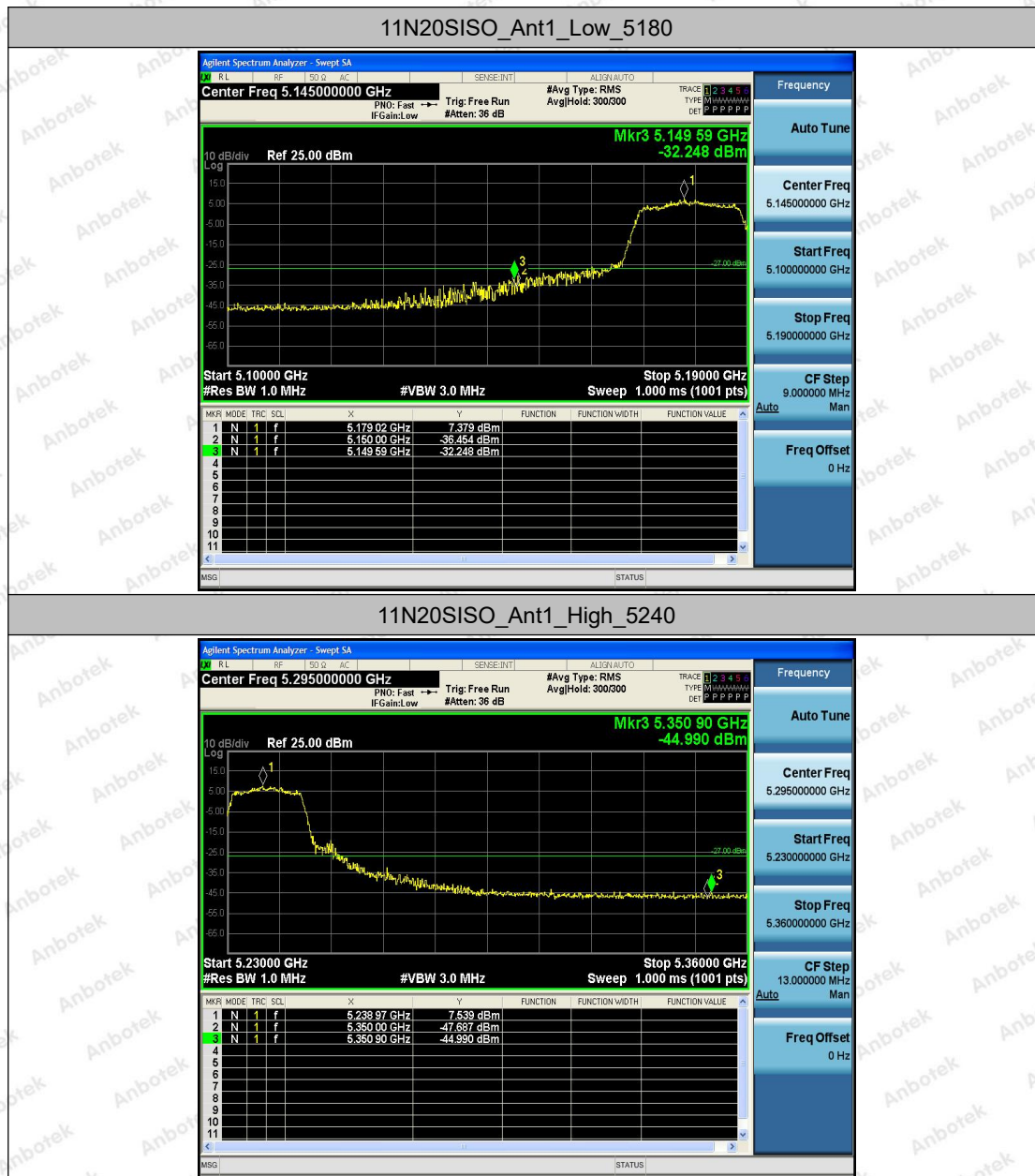
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Appendix D: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Result[dBm]	Limit[dBm]	Verdict
11N20SISO	Ant1	Low	5180	-32.25	≤-27	PASS
		High	5240	-44.99	≤-27	PASS

Test Graphs

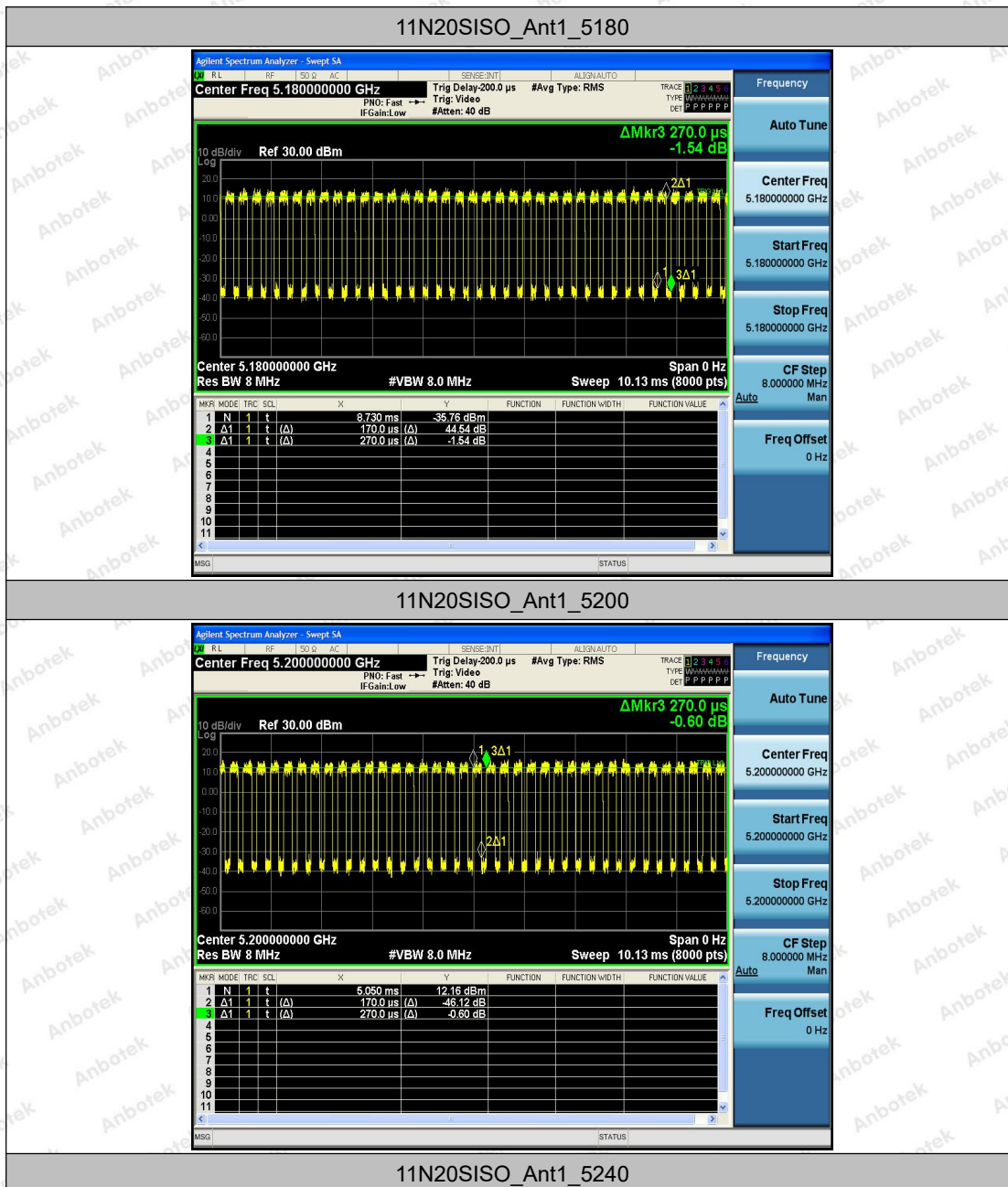


Appendix H: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11N20SISO	Ant1	5180	0.17	0.27	62.96	---	PASS
		5200	0.17	0.27	62.96	---	PASS
		5240	0.17	0.27	62.96	---	PASS

Test Graphs



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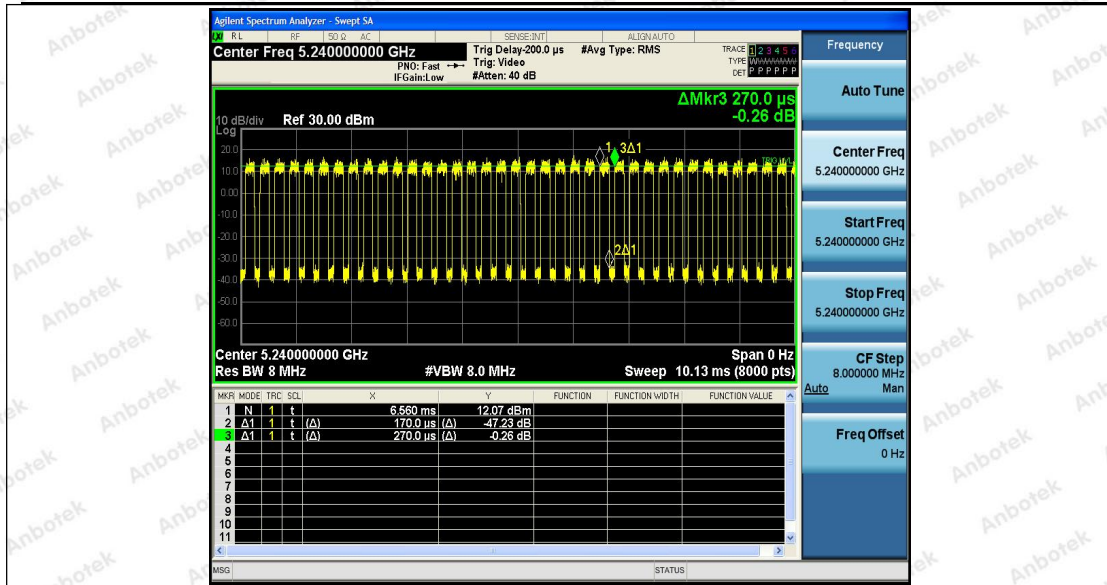
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