

Appendix Test Data

Report No.:	18220WC30242901	Test Sample No.:	1-2-2
Start Test Date:	2023.11.26	Finish Test Date:	2023.11.28
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	25.6°C	Relative Humidity:	48%
Pressure:	101kPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5.8G	Ant1	5733	6.040	5730.080	5736.120	0.5	PASS
		5790	4.640	5787.200	5791.840	0.5	PASS
		5847	5.200	5844.120	5849.320	0.5	PASS



Test Graphs

11B_Ant1_5733



11B_Ant1_5790



11B_Ant1_5847

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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5.8G	Ant1	5733	8.1503	5730.1078	5738.2581	---	---
		5790	7.3892	5786.9053	5794.2945	---	---
		5847	8.1812	5843.8182	5851.9994	---	---



Test Graphs



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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
5.8G	Ant1	5733	---	26.43	100.00	0.00	26.43	≤30.00
		5790	---	25.92	100.00	0.00	25.92	≤30.00
		5847	---	24.82	100.00	0.00	24.82	≤30.00

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



Test Graphs

5.8G_Ant1_5733



5.8G_Ant1_5790



5.8G_Ant1_5847

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Appendix D: Maximum power spectral density

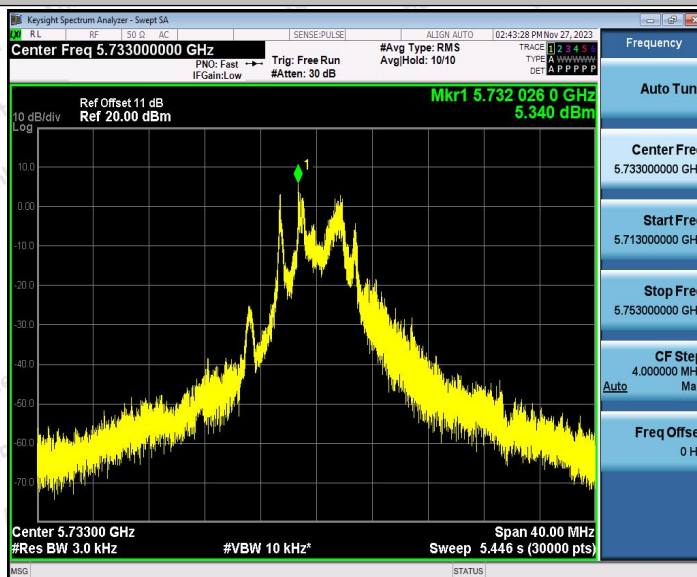
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
5.8G	Ant1	5733	5.34	≤8.00	PASS
		5790	5.62	≤8.00	PASS
		5847	5.56	≤8.00	PASS

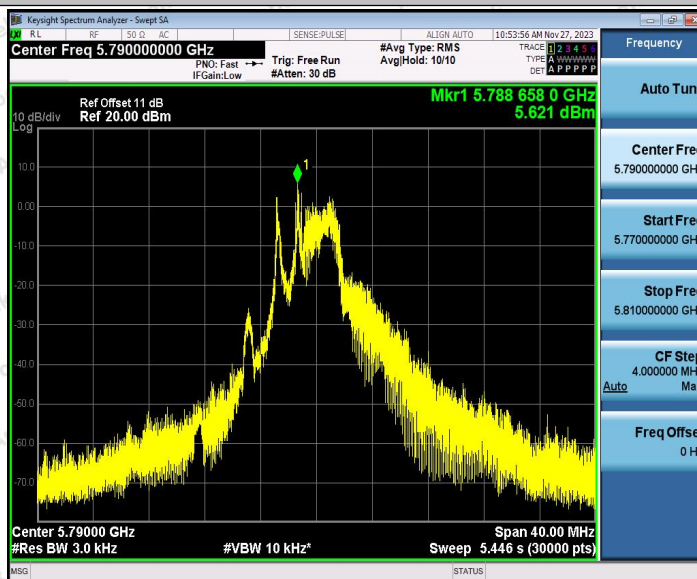


Test Graphs

5.8G_Ant1_5733



5.8G_Ant1_5790



5.8G_Ant1_5847

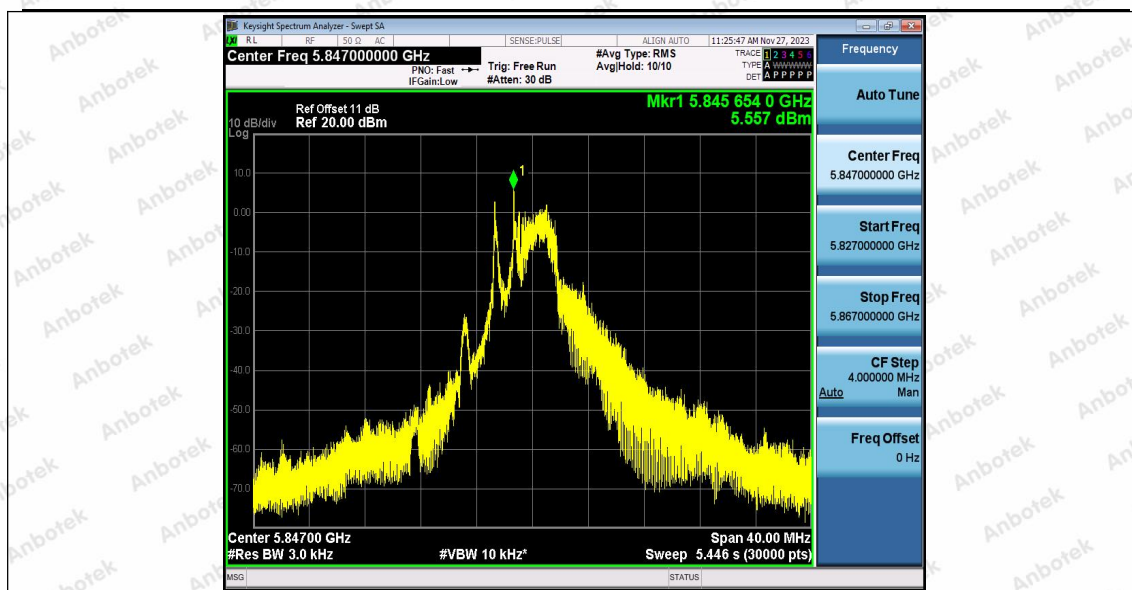
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
5.8G	Ant1	Low	5733	26.81	-39.30	≤6.81	PASS
		High	5847	25.97	-39.61	≤5.97	PASS



Test Graphs

5.8G_Ant1_Low_5733



5.8G_Ant1_High_5847



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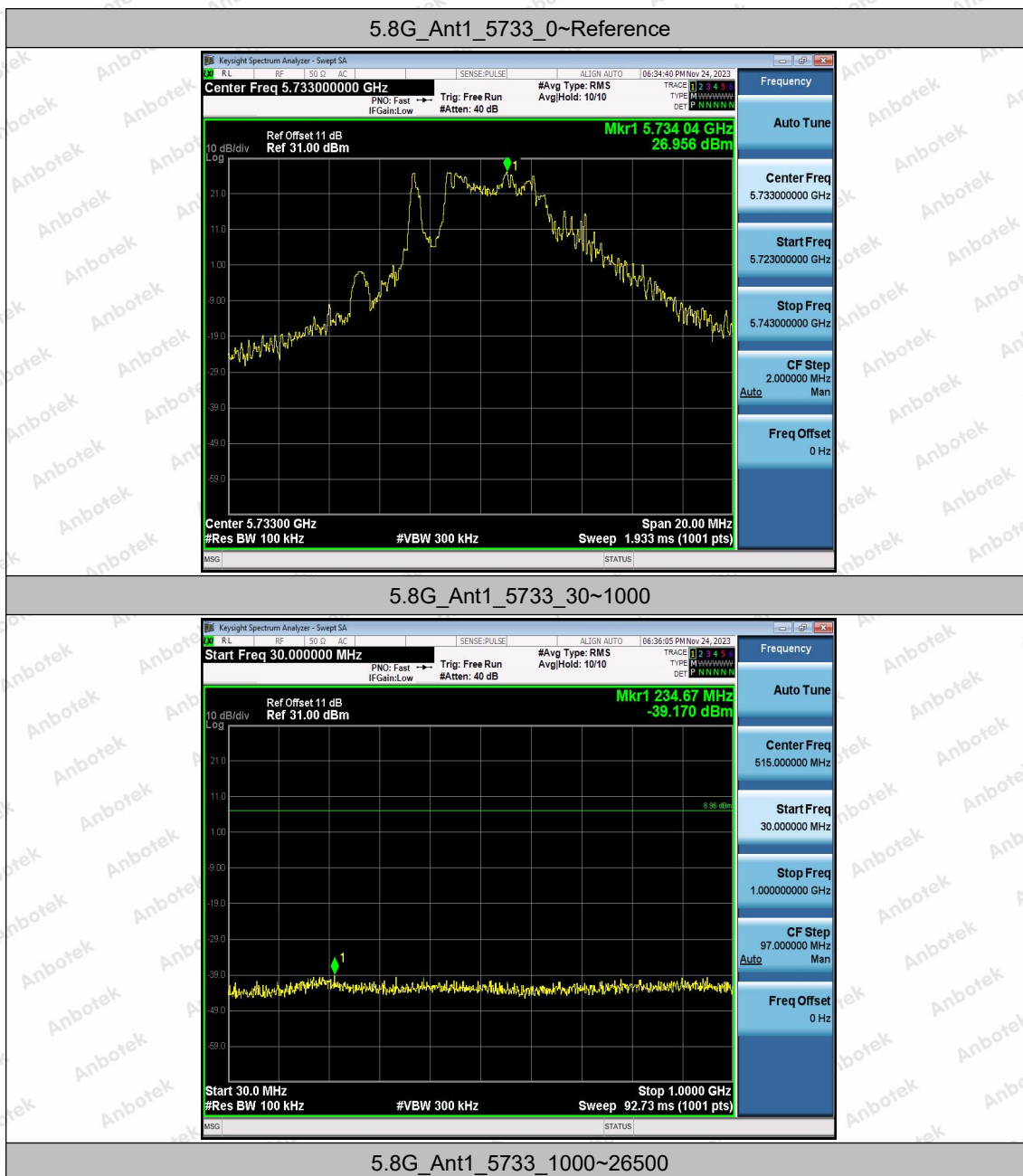
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
5.8G	Ant1	5733	Reference	26.96	26.96	---	PASS
			30~1000	26.96	-39.17	≤6.96	PASS
			1000~26500	26.96	-23.22	≤6.96	PASS
		5790	Reference	26.54	26.54	---	PASS
			30~1000	26.54	-38.72	≤6.54	PASS
			1000~26500	26.54	-23.22	≤6.54	PASS
		5847	Reference	25.93	25.93	---	PASS
			30~1000	25.93	-38.89	≤5.93	PASS
			1000~26500	25.93	-23.45	≤5.93	PASS



Test Graphs



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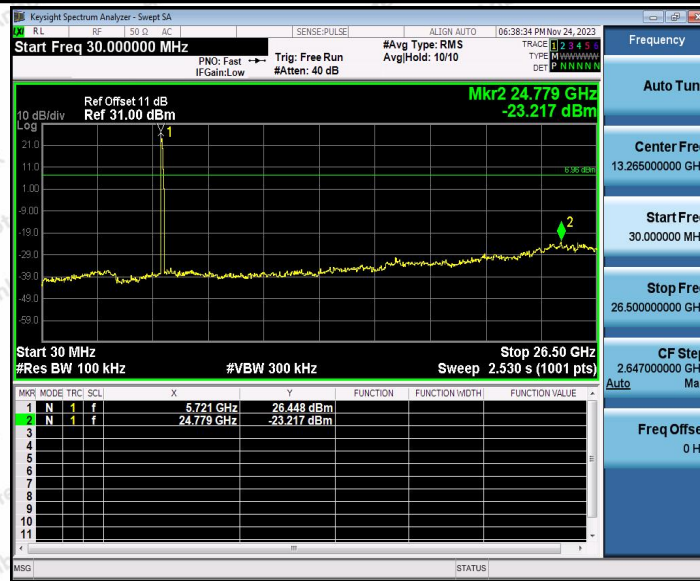


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5.8G_Ant1_5790_0~Reference



5.8G_Ant1_5790_30~1000



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5.8G_Ant1_5790_1000~26500



5.8G_Ant1_5847_0~Reference



5.8G_Ant1_5847_30~1000

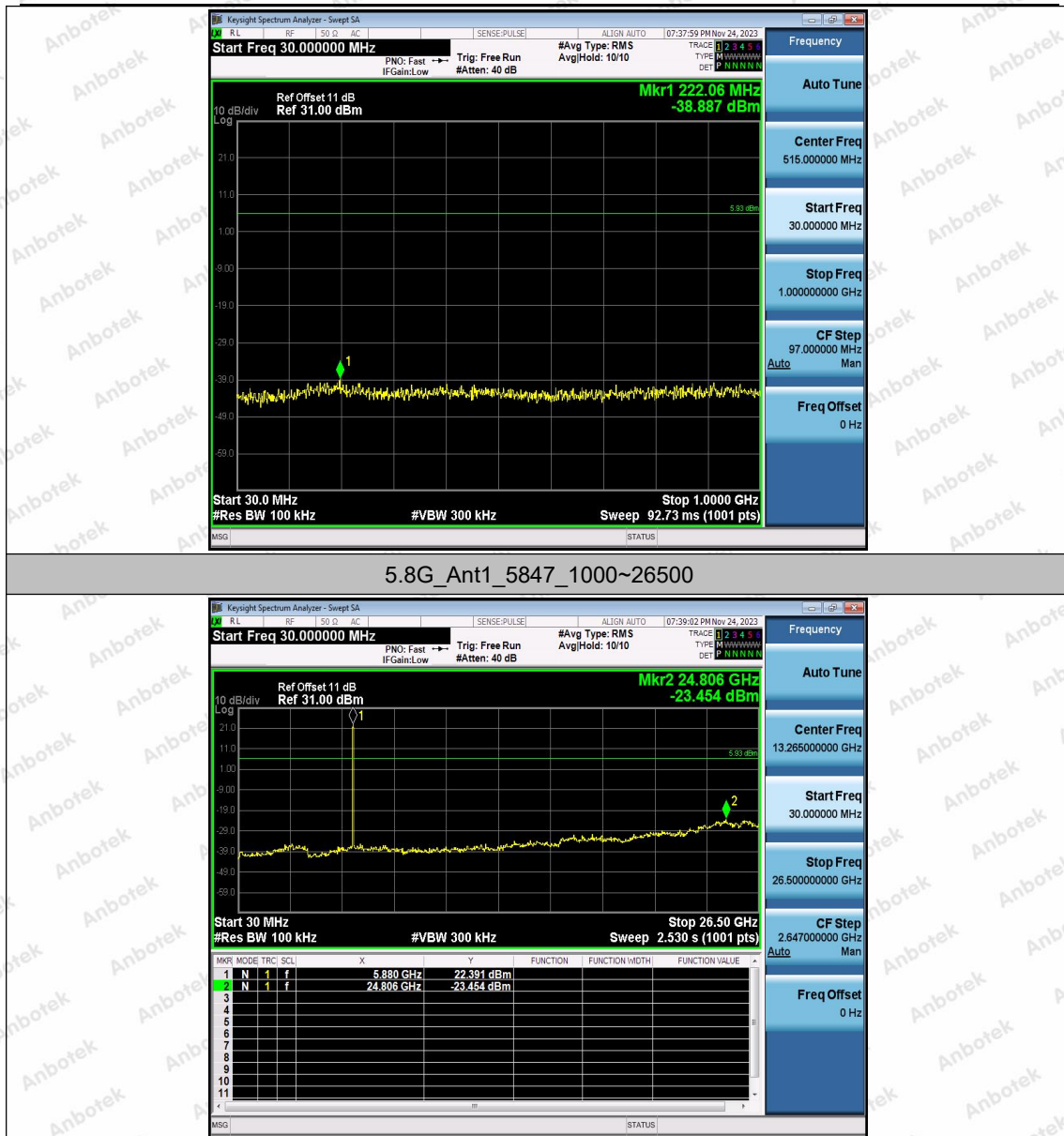
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
5.8G	Ant1	5733	30.00	30.00	100.00
		5790	30.00	30.00	100.00
		5847	30.00	30.00	100.00

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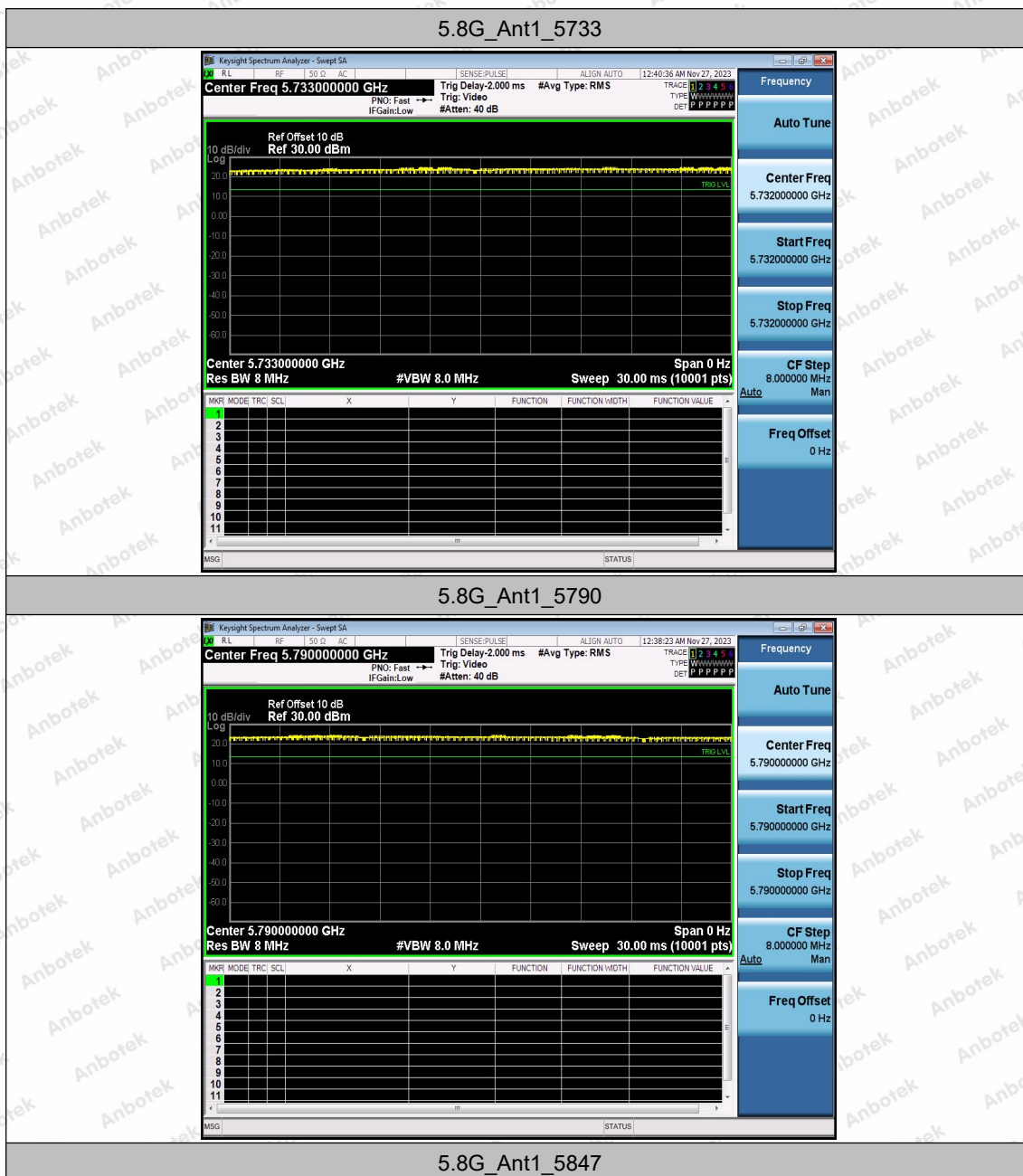
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Test Graphs



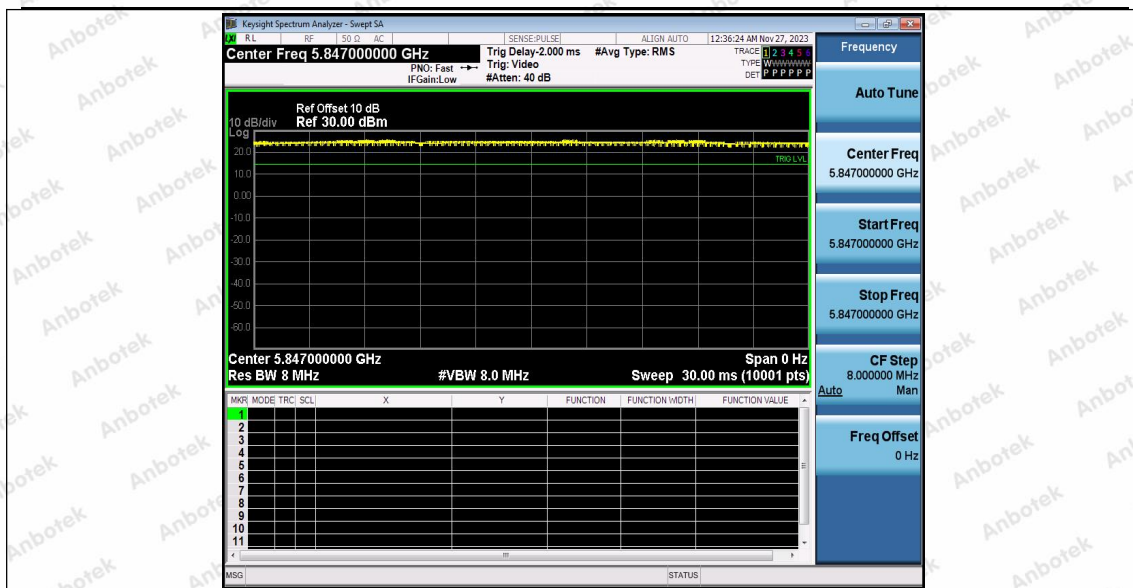
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