

Appendix Test Data

Report No.:	18220WC20060301	Test Sample No.:	1-2-2
Start Test Date:	2022.3.28	Finish Test Date:	2022.4.7
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
900M	Ant1	904	0.540	903.792	904.332	≥0.5	PASS
		912	0.536	911.792	912.328	≥0.5	PASS
		926	0.532	925.796	926.328	≥0.5	PASS

Test Graphs

900M_Ant1_904



900M_Ant1_912



900M_Ant1_926

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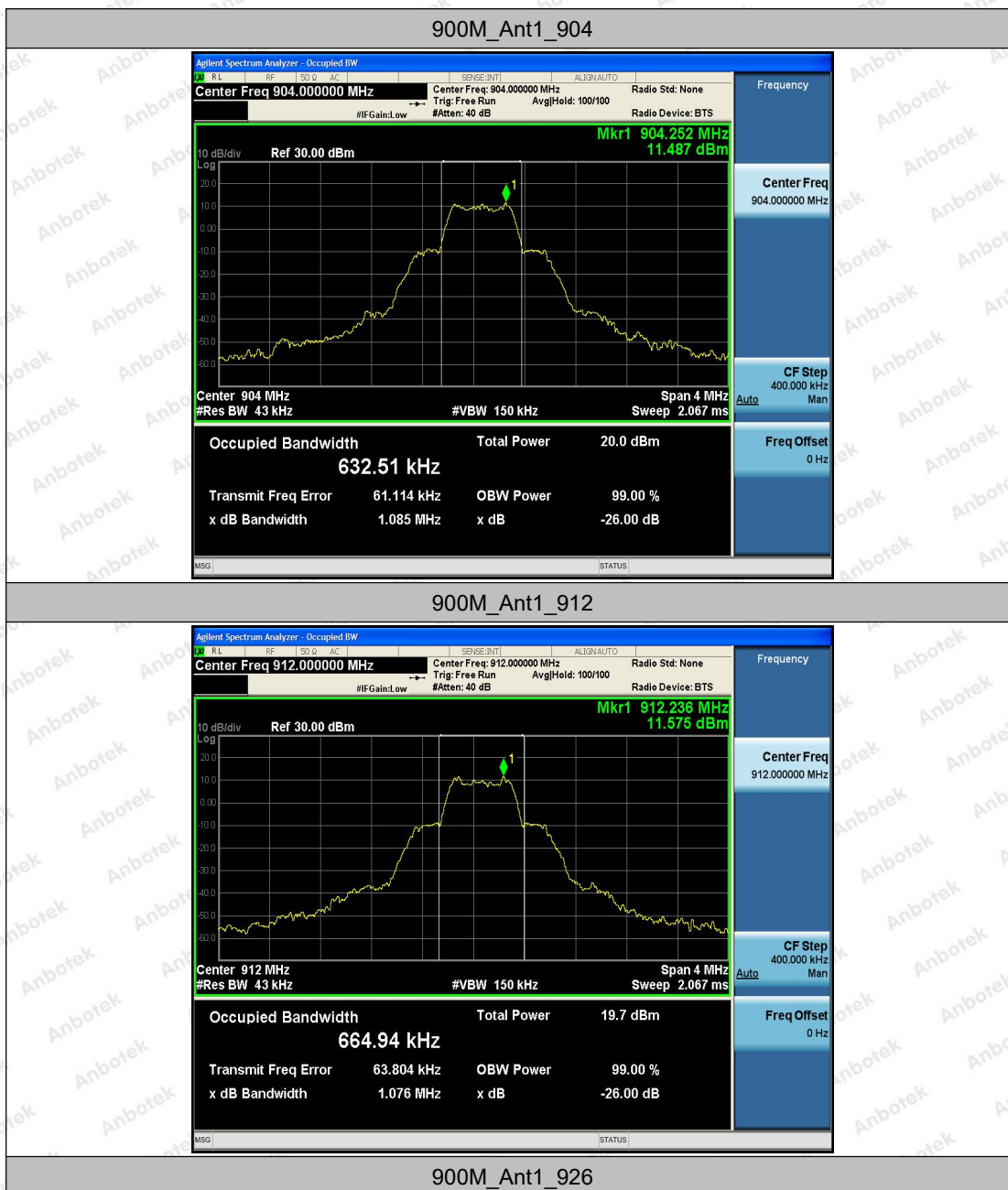
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
900M	Ant1	904	0.63251	903.745	904.377	---	PASS
		912	0.66494	911.731	912.396	---	PASS
		926	0.60680	925.759	926.366	---	PASS

Test Graphs

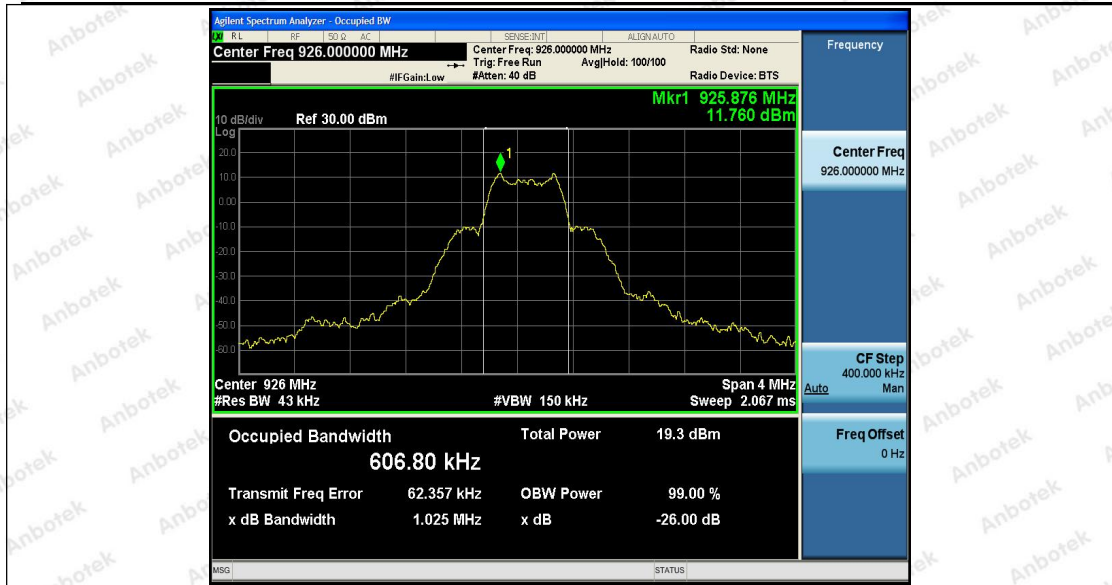


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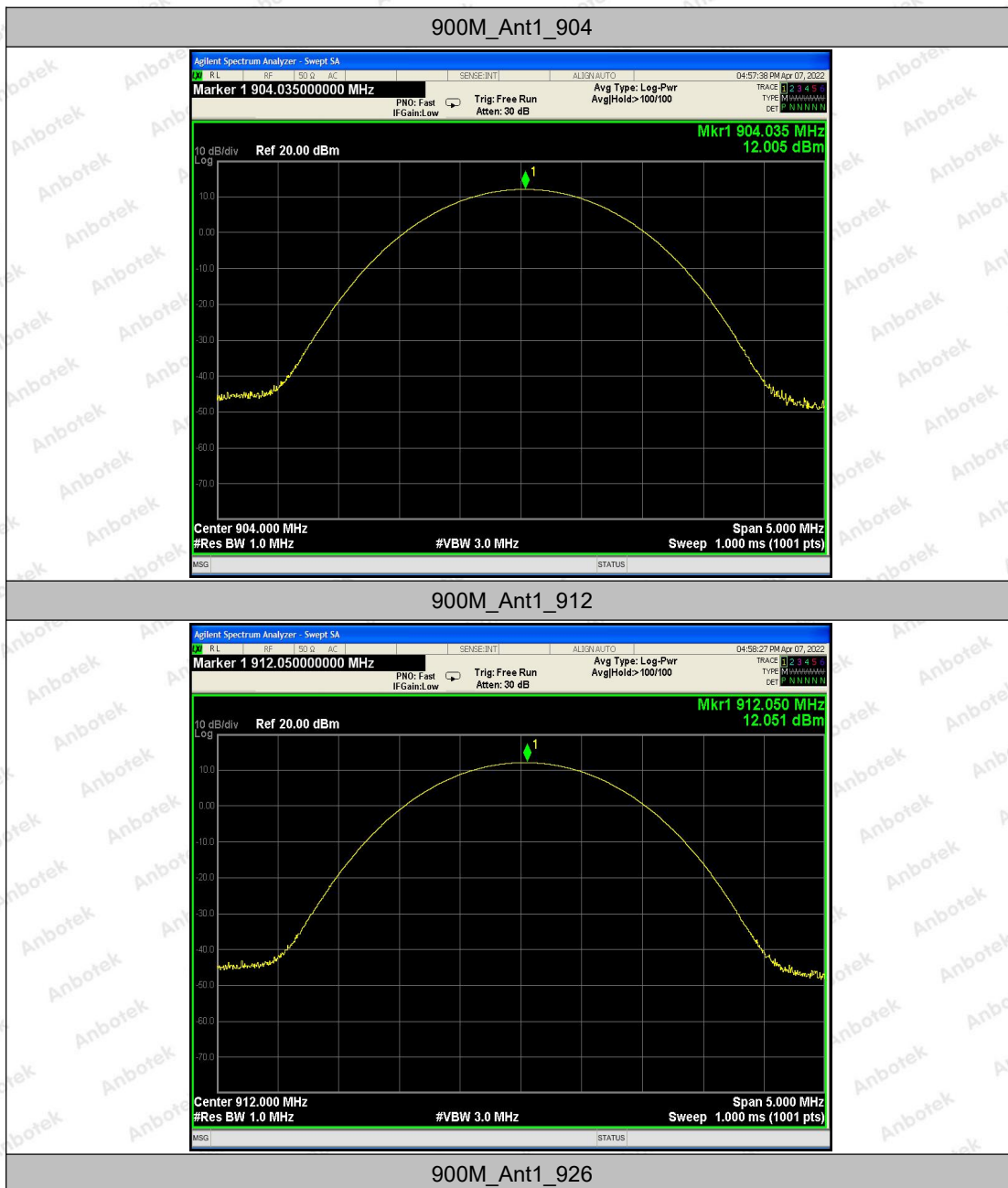
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	904	12.005	≤30	PASS
		912	12.051	≤30	PASS
		926	11.875	≤30	PASS

Test Graphs

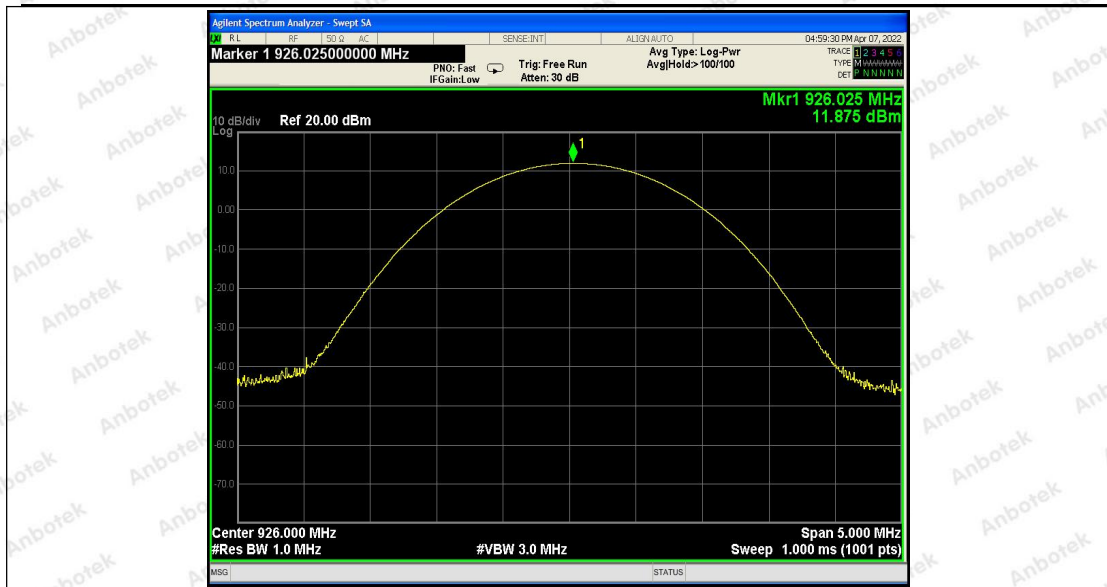


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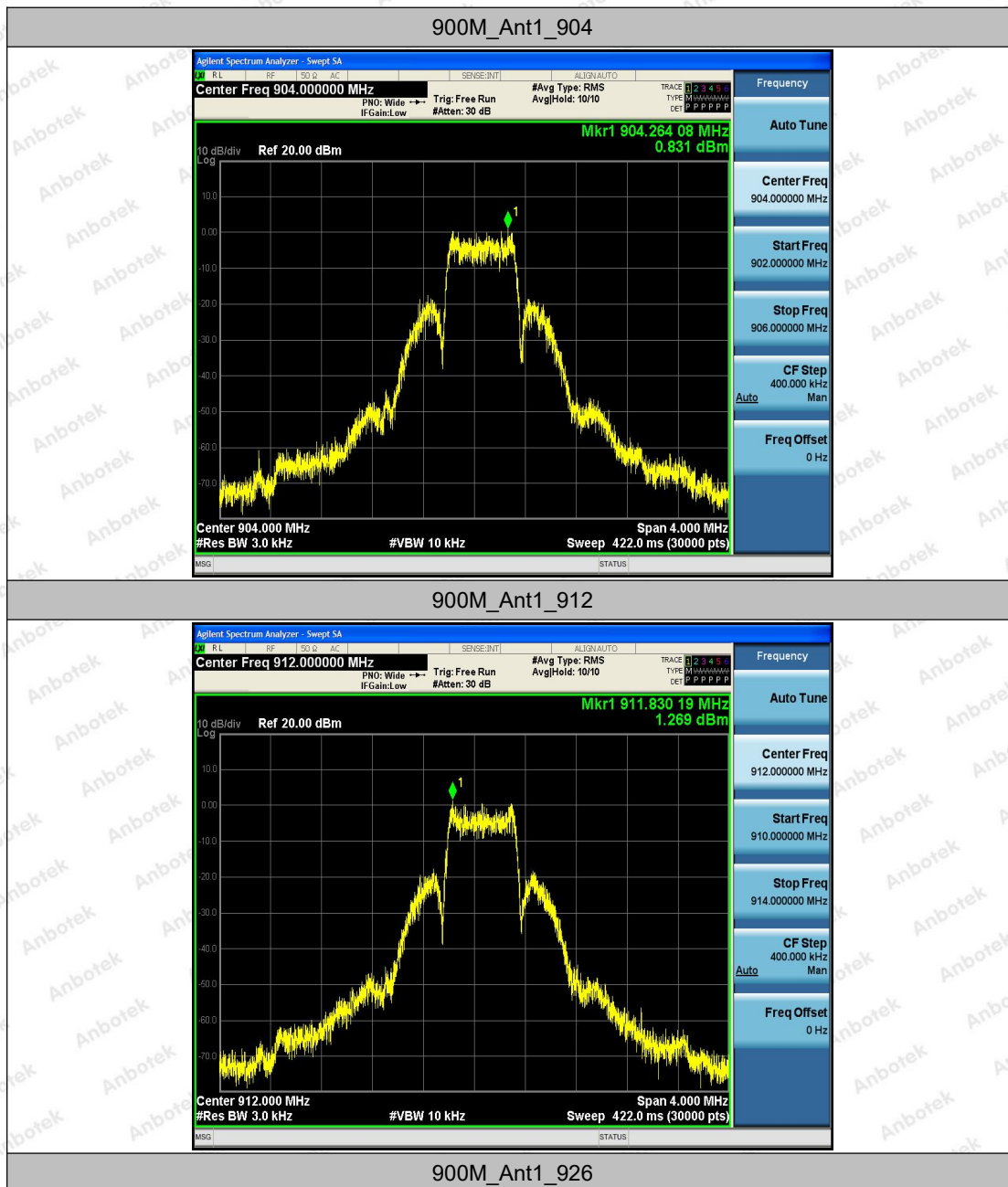
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
900M	Ant1	904	0.83	≤8	PASS
		912	1.27	≤8	PASS
		926	-0.42	≤8	PASS

Test Graphs



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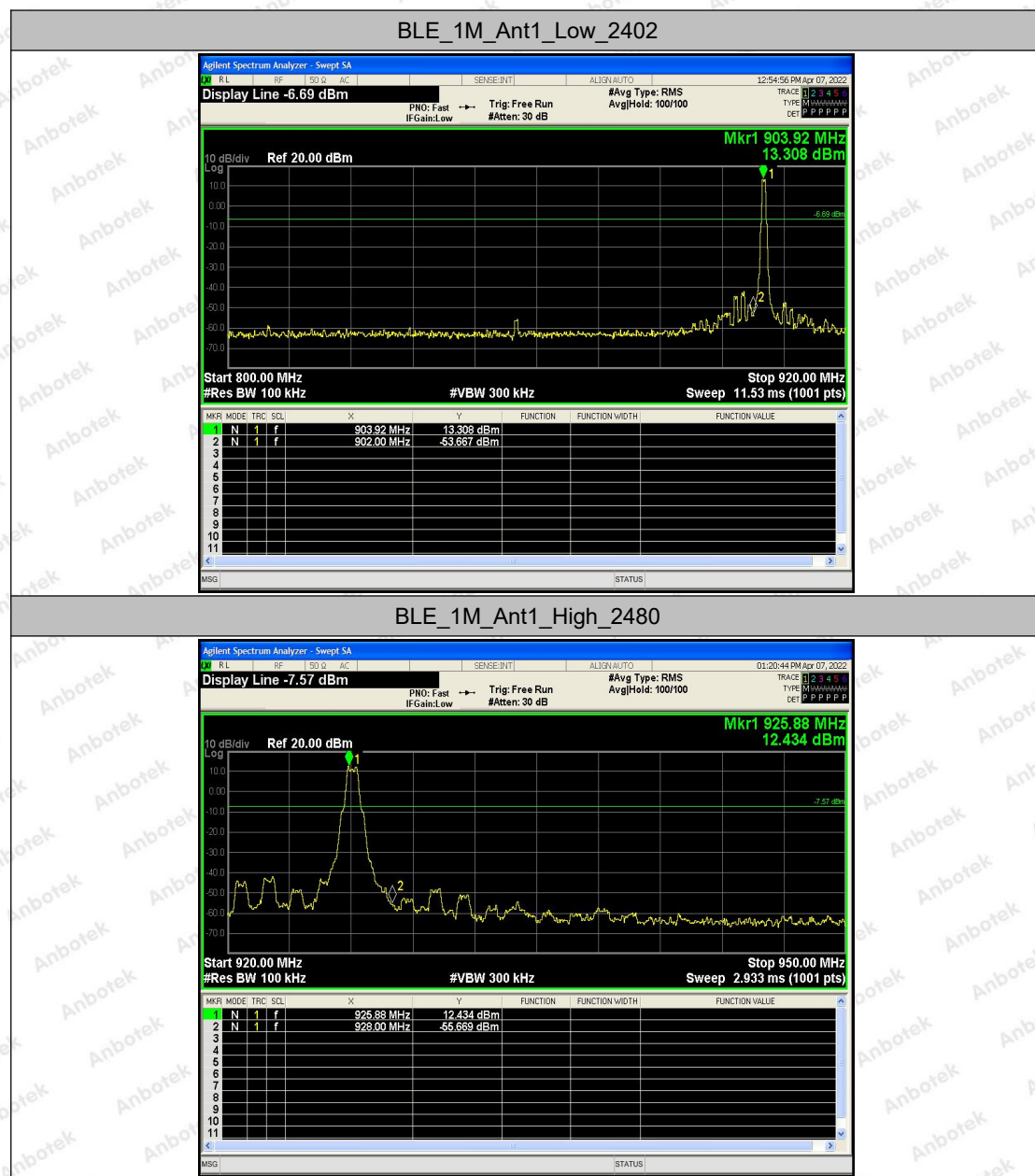
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
900M	Ant1	Low	904	13.31	-53.667	≤-6.69	PASS
		High	926	12.43	-55.669	≤-7.57	PASS

Test Graphs

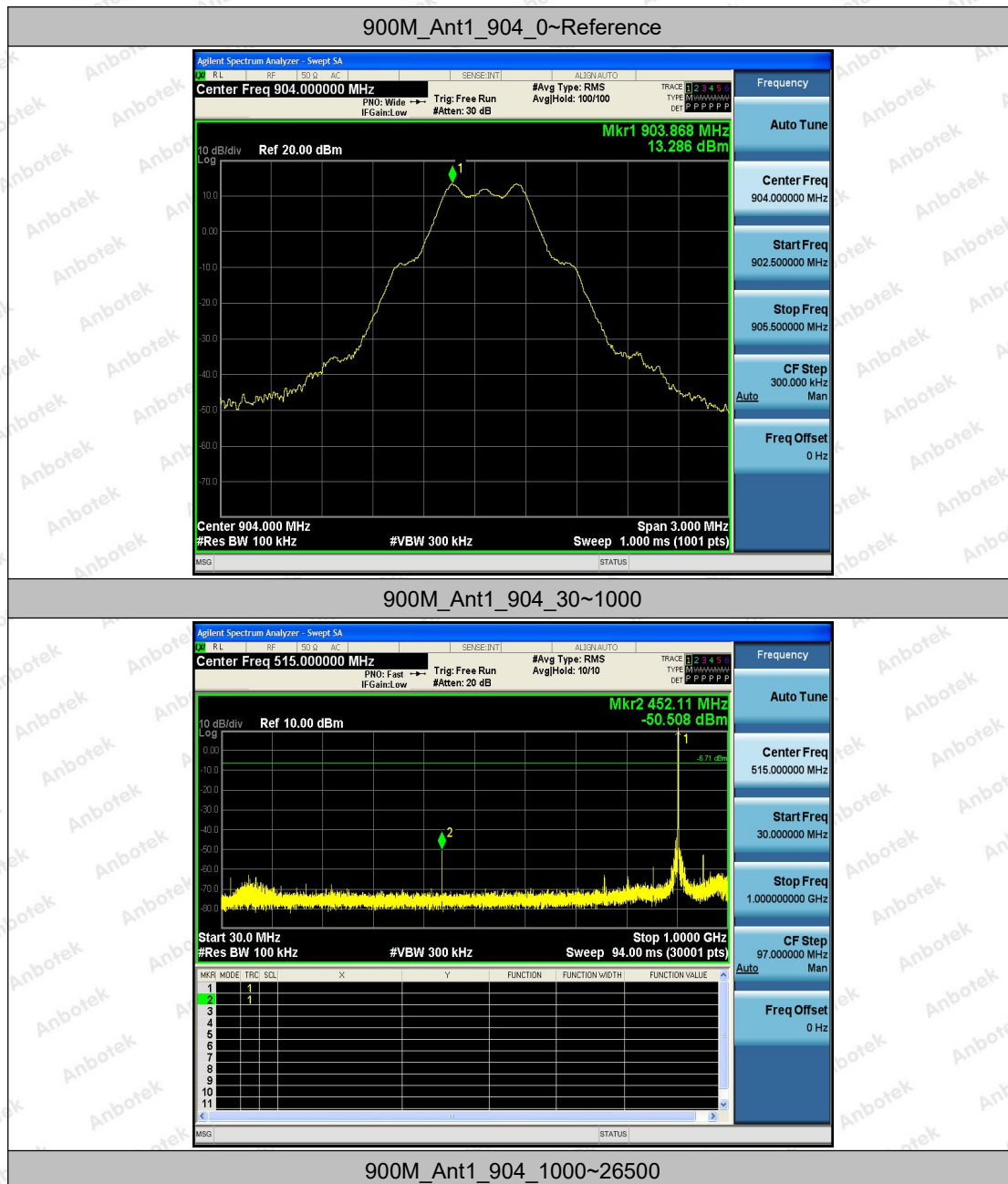


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
900M	Ant1	904	Reference	13.29	13.29	---	PASS
			30~1000	13.29	-50.51	≤-6.71	PASS
			1000~26500	13.29	-38.73	≤-6.71	PASS
		912	Reference	13.13	13.13	---	PASS
			30~1000	13.13	-50.64	≤-6.87	PASS
			1000~26500	13.13	-40.88	≤-6.87	PASS
		926	Reference	12.33	12.33	---	PASS
			30~1000	12.33	-49.05	≤-7.67	PASS
			1000~26500	12.33	-39.54	≤-7.67	PASS

Test Graphs

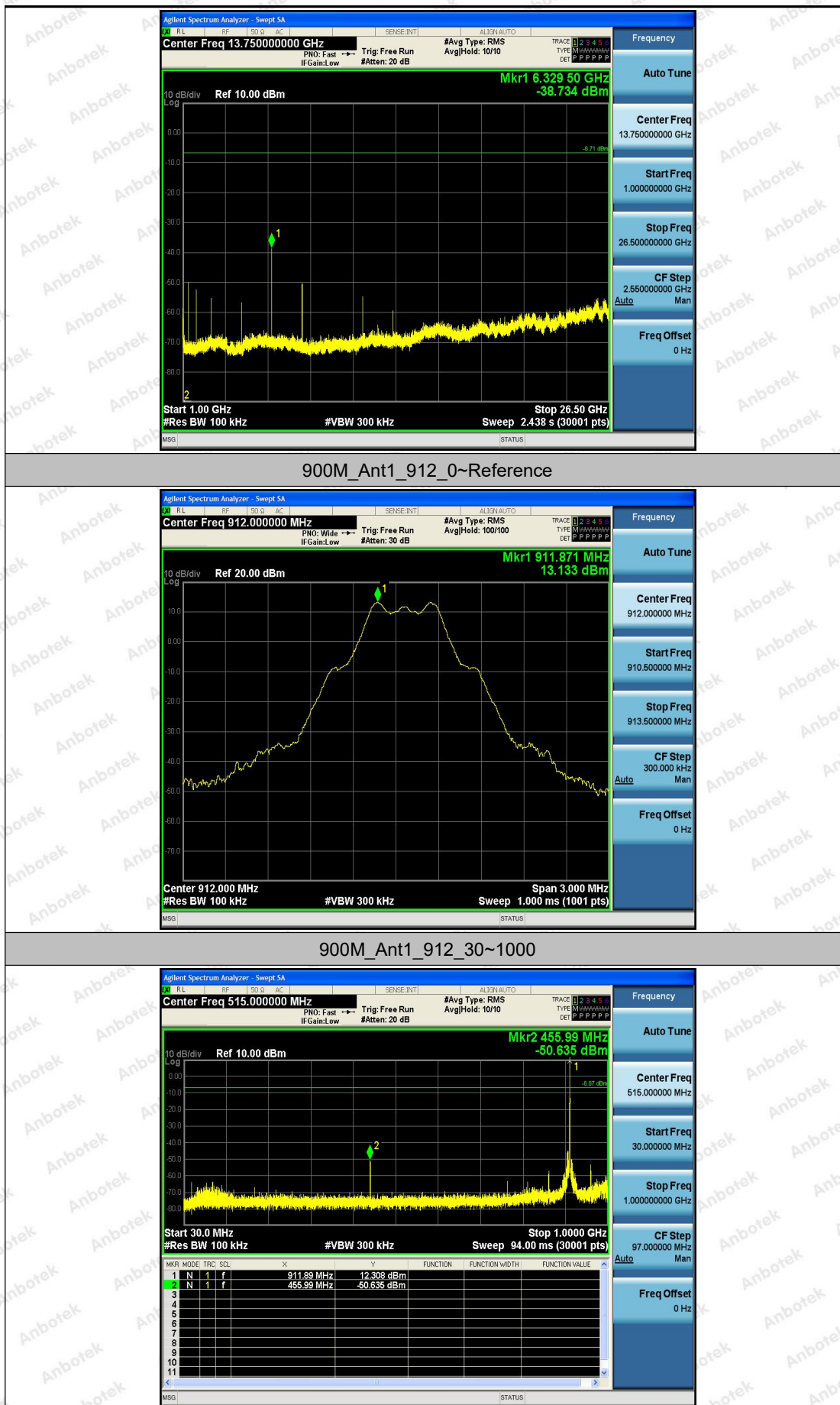


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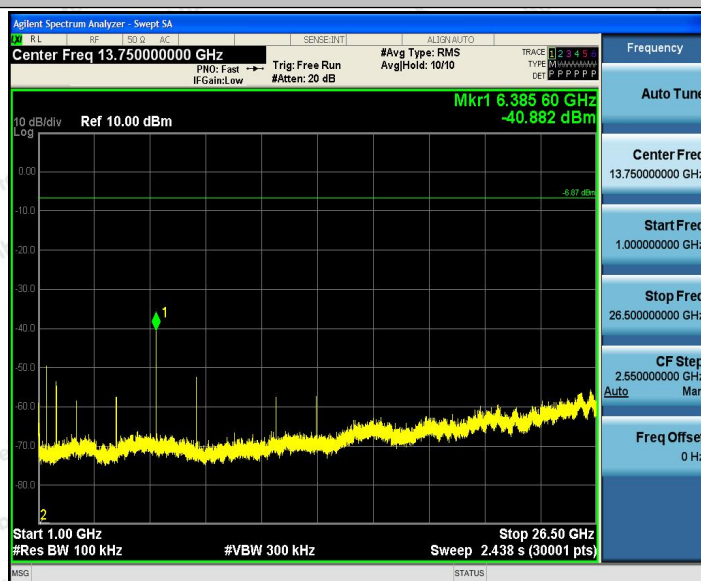
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900M_Ant1_912_1000~26500



900M_Ant1_926_0~Reference



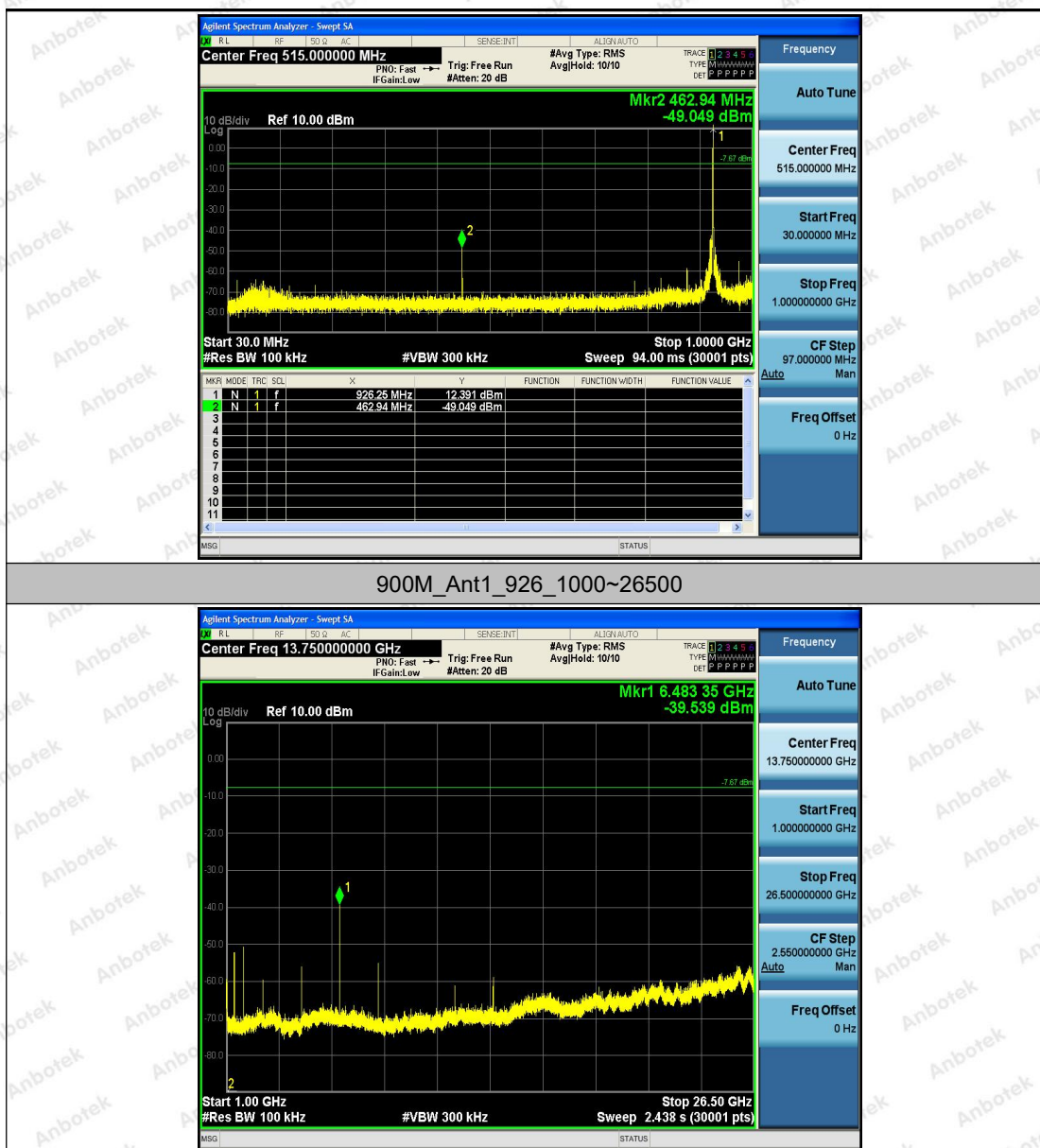
900M_Ant1_926_30~1000

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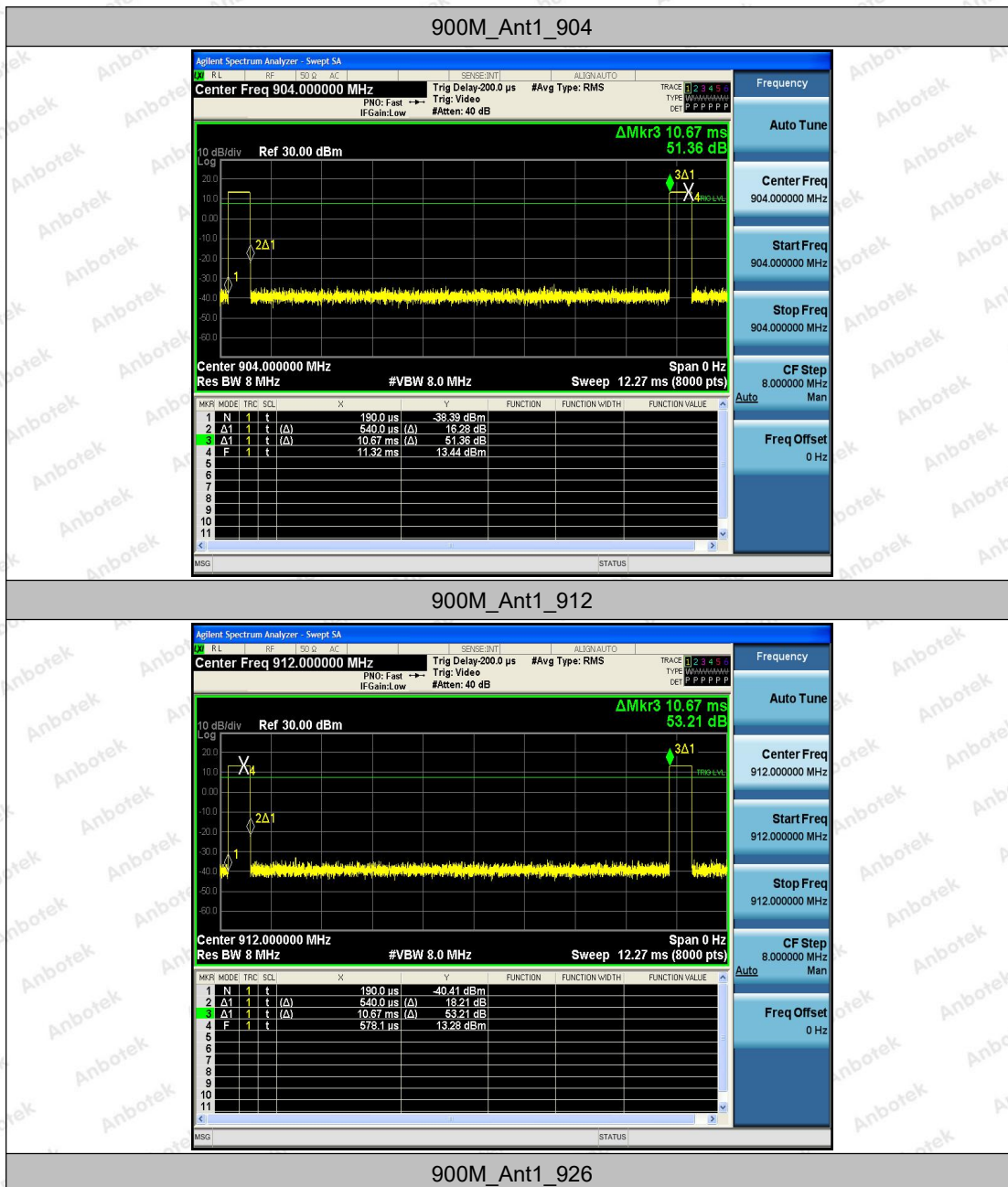
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
900M	Ant1	904	0.54	10.67	0.0506	5.06	12.96	---	PASS
		912	0.54	10.67	0.0506	5.06	12.96	---	PASS
		926	0.54	10.67	0.0506	5.06	12.96	---	PASS

Test Graphs



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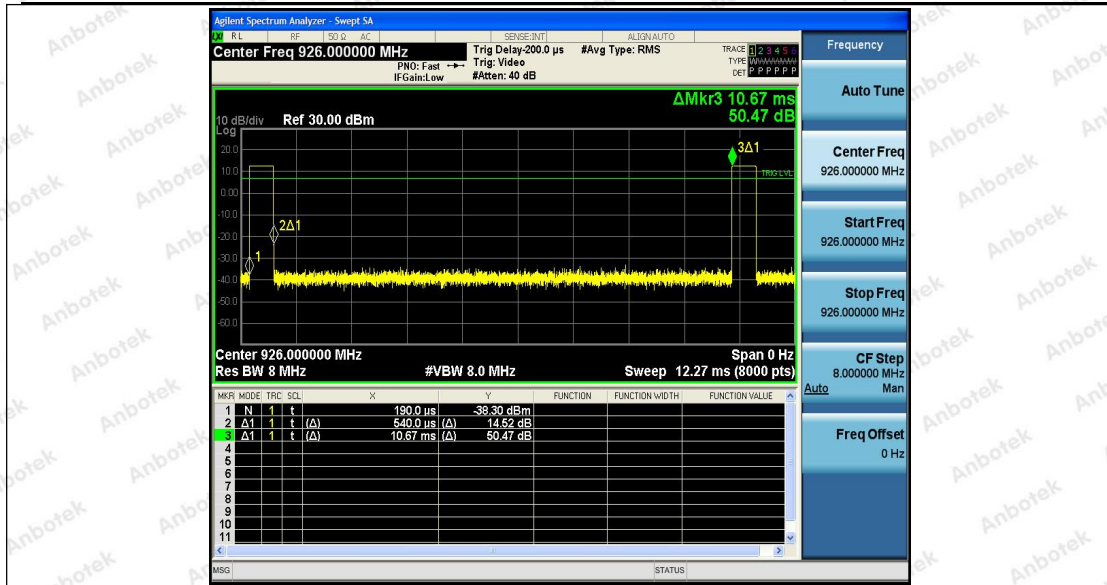
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