

Appendix Test Data

Report No.:	18220WC20060401	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℃	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	903.768	904.308	≥0.5	PASS
		912	0.540	911.772	912.312	≥0.5	PASS
		926	0.536	925.772	926.308	≥0.5	PASS

Test Graphs

900M_Ant1_904



900M_Ant1_912



900M_Ant1_926

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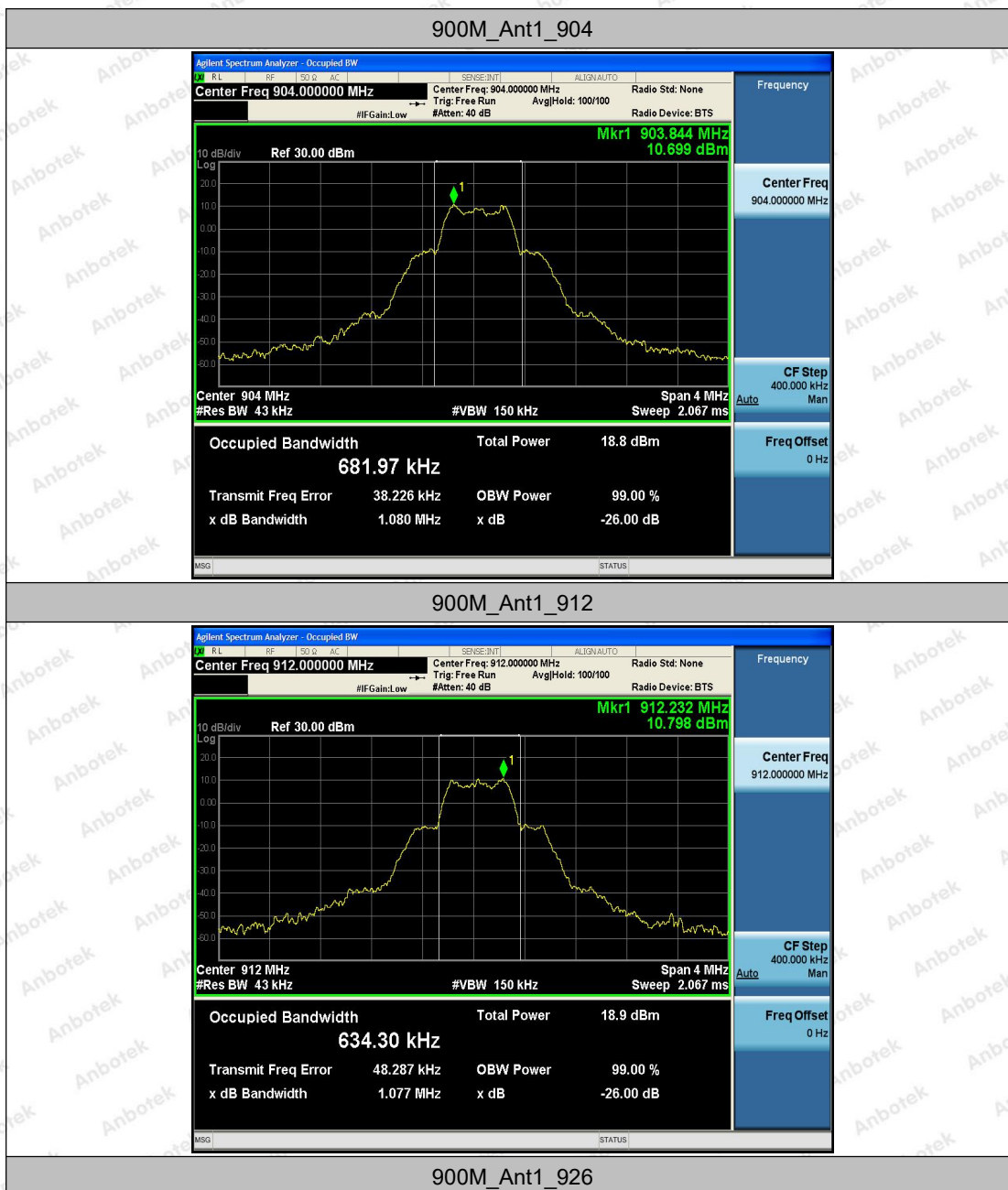
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
900M	Ant1	904	0.68197	903.697	904.379	---	PASS
		912	0.63430	911.731	912.365	---	PASS
		926	0.65371	925.705	926.359	---	PASS

Test Graphs



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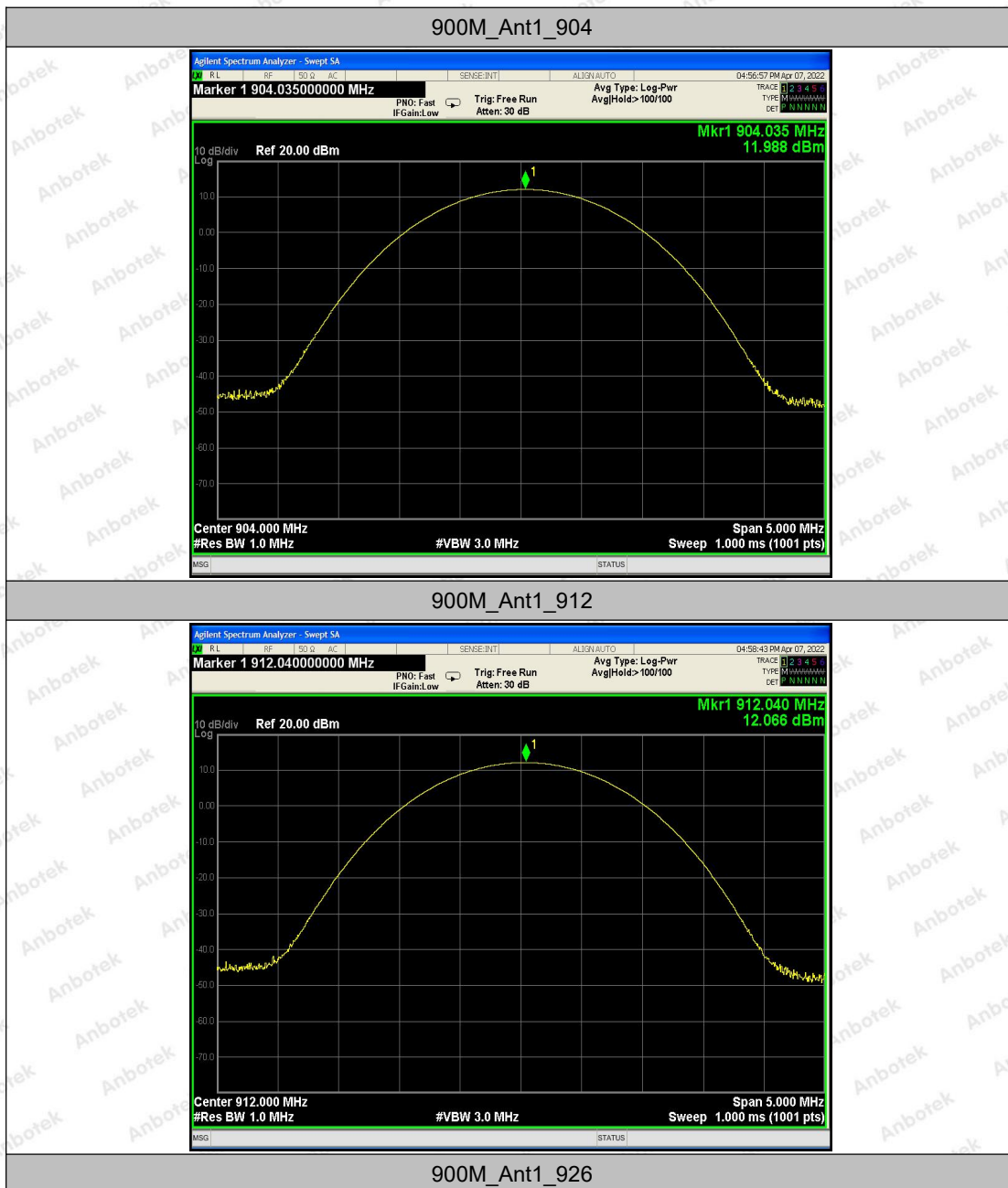
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	904	11.988	≤30	PASS
		912	12.066	≤30	PASS
		926	11.871	≤30	PASS

Test Graphs

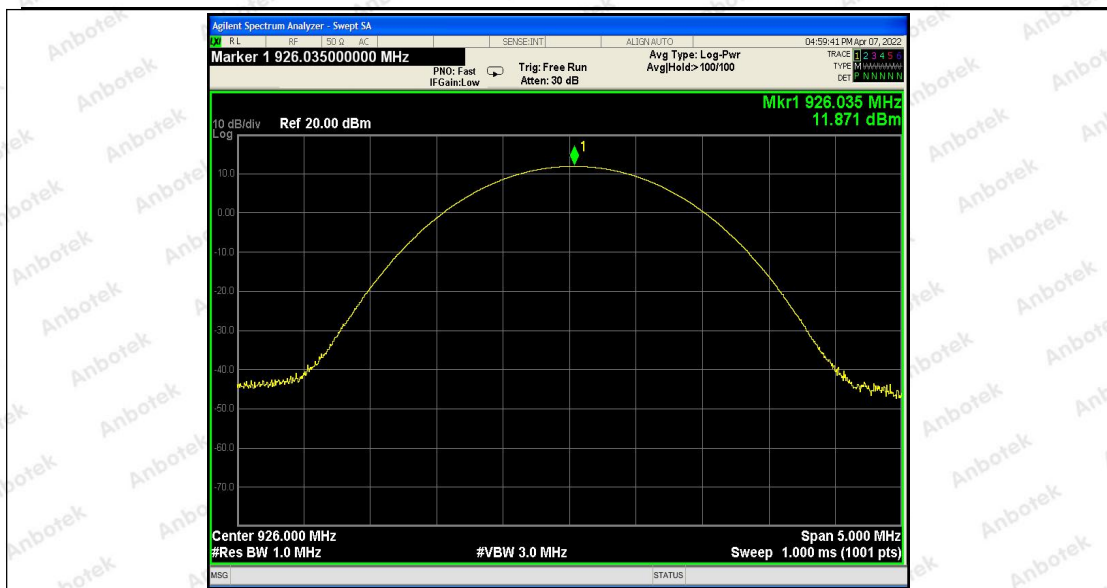


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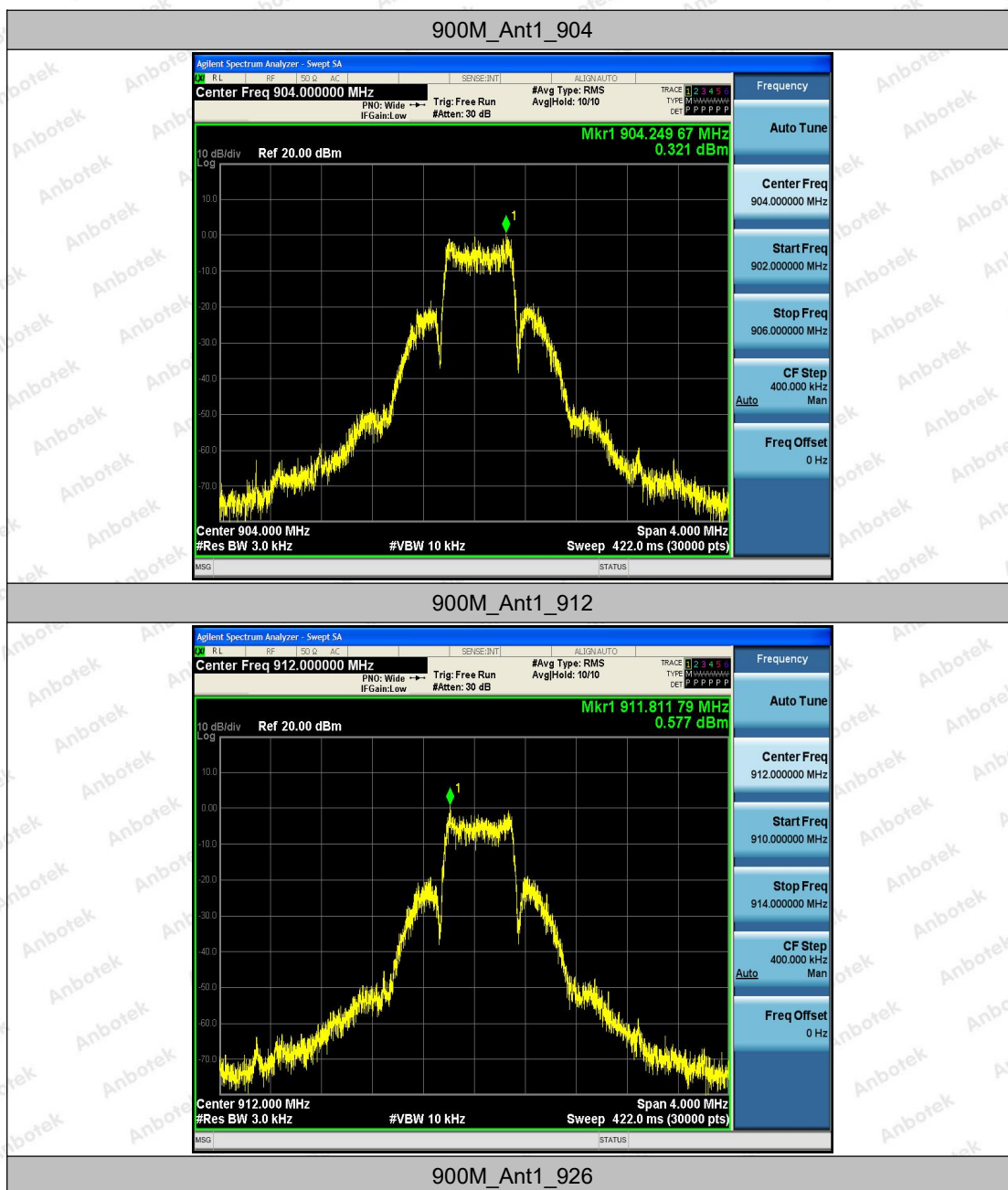


Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
900M	Ant1	904	0.32	≤8	PASS
		912	0.58	≤8	PASS
		926	-0.19	≤8	PASS

Test Graphs



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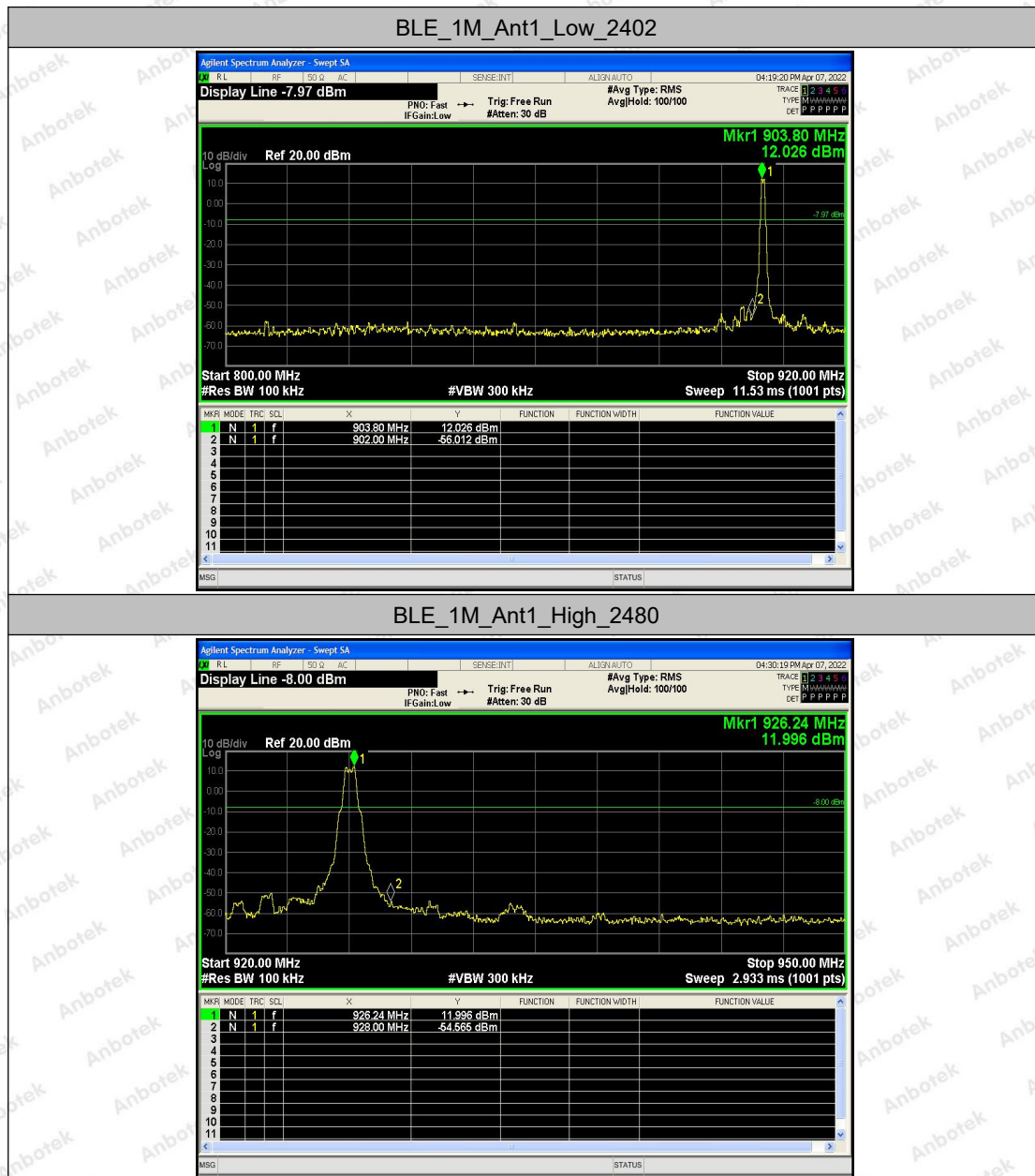
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
900M	Ant1	Low	904	12.03	-56.012	≤-7.97	PASS
		High	926	12	-54.565	≤-8.00	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

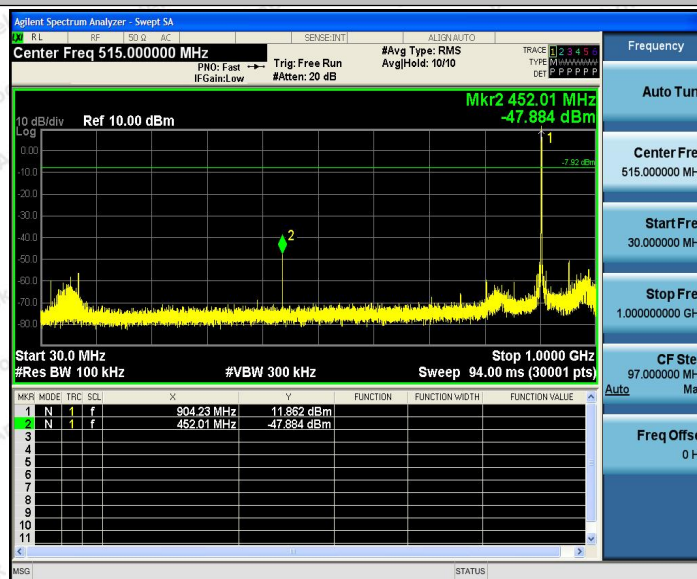
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
900M	Ant1	904	Reference	12.08	12.08	---	PASS
			30~1000	12.08	-47.88	≤ -7.92	PASS
			1000~26500	12.08	-39.91	≤ -7.92	PASS
		912	Reference	12.12	12.12	---	PASS
			30~1000	12.12	-46.82	≤ -7.89	PASS
			1000~26500	12.12	-42.11	≤ -7.89	PASS
		926	Reference	12.01	12.01	---	PASS
			30~1000	12.01	-46.83	≤ -7.99	PASS
			1000~26500	12.01	-41.15	≤ -7.99	PASS

Test Graphs

900M_Ant1_904_0~Reference



900M_Ant1_904_30~1000



900M_Ant1_904_1000~26500

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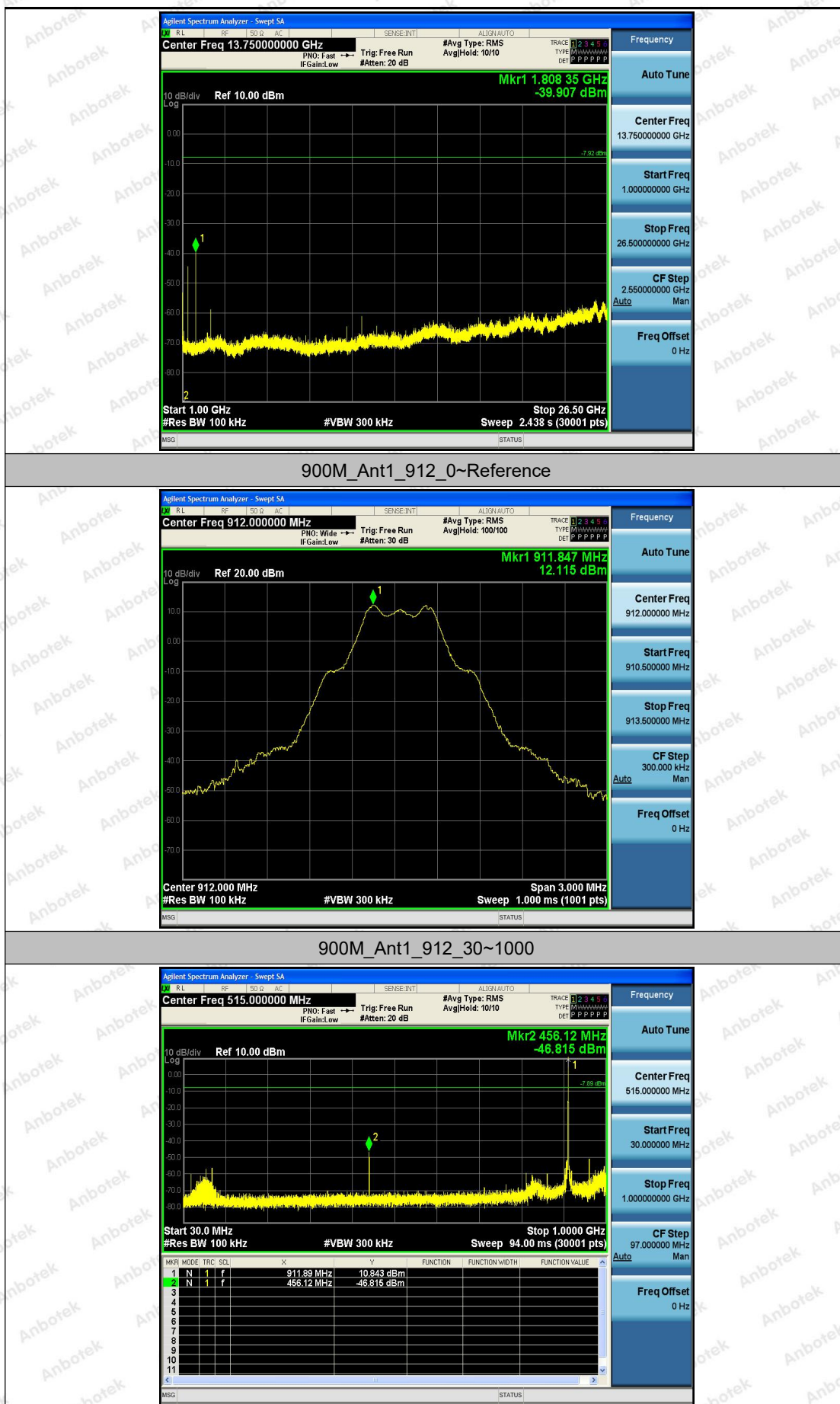
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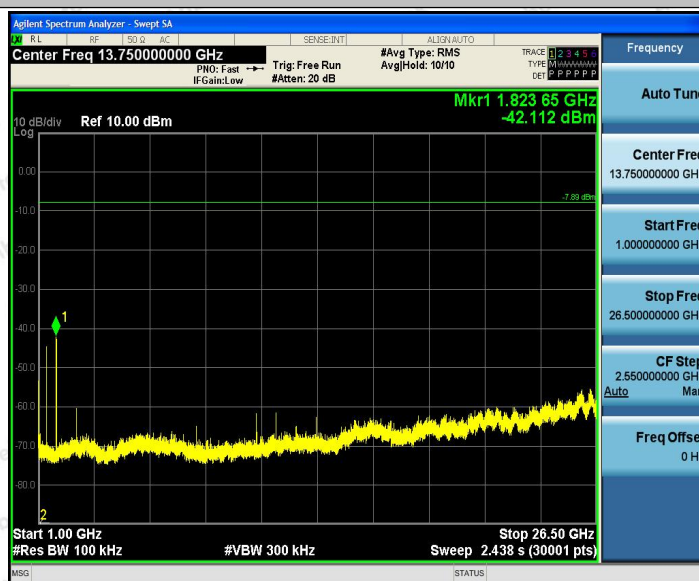
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900M_Ant1_912_1000~26500



900M_Ant1_926_0~Reference



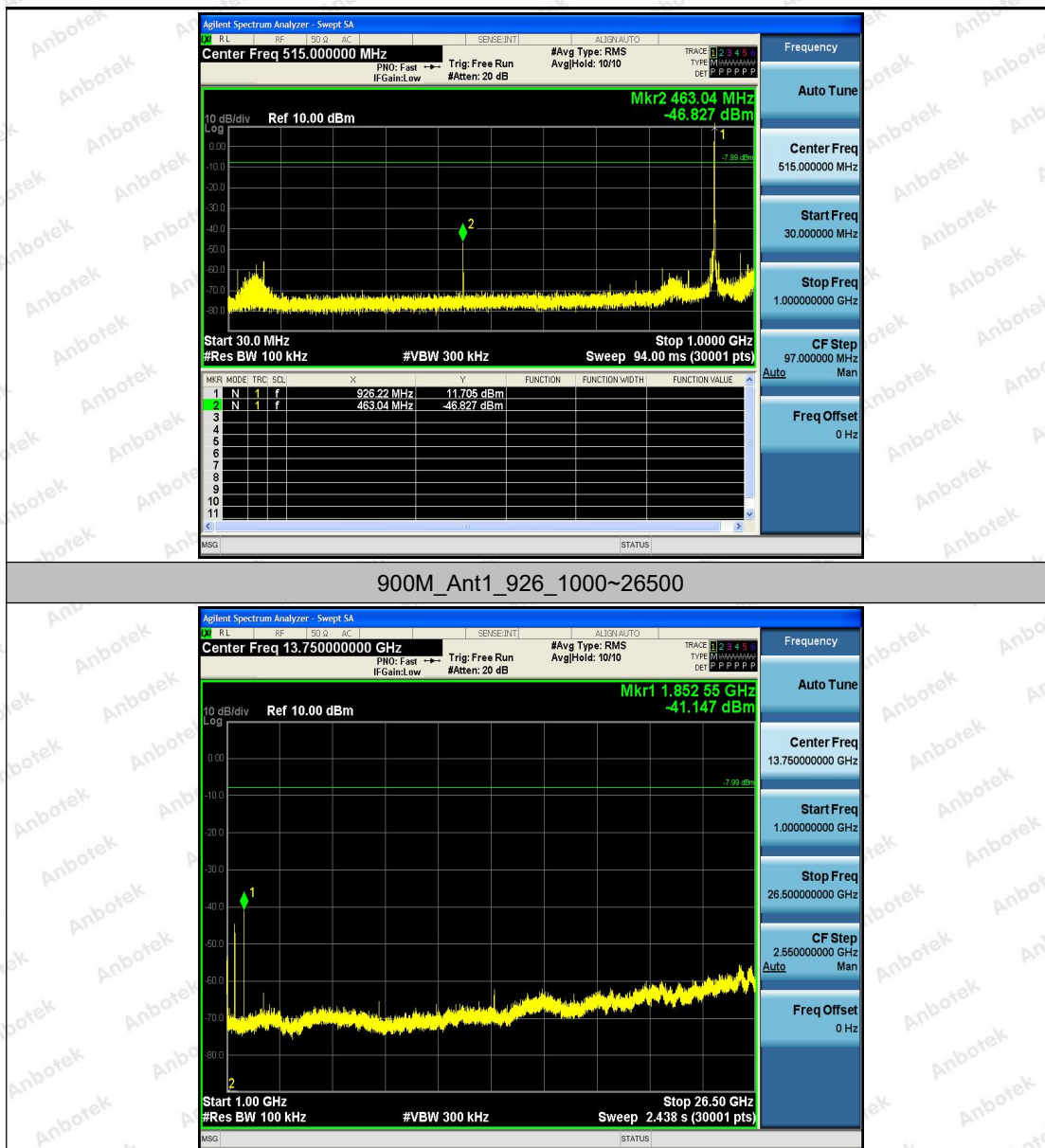
900M_Ant1_926_30~1000

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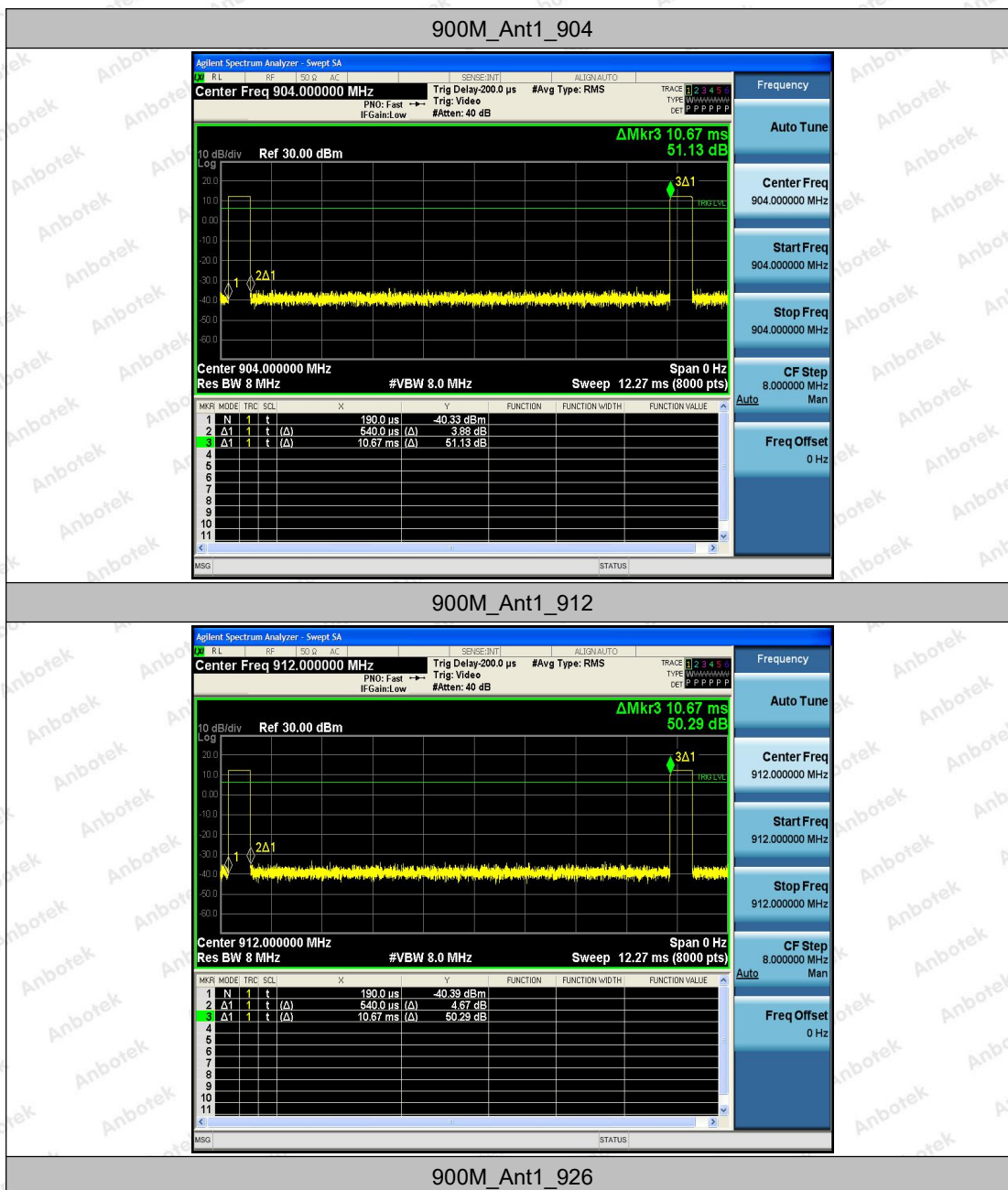
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Appendix G: Duty Cycle

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

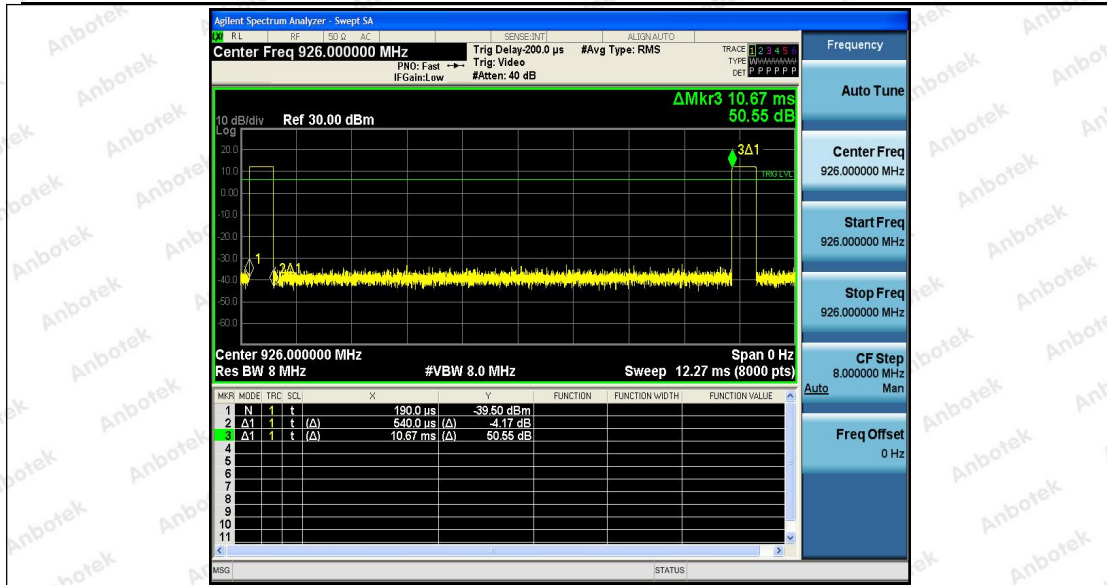


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