

Appendix Test Data

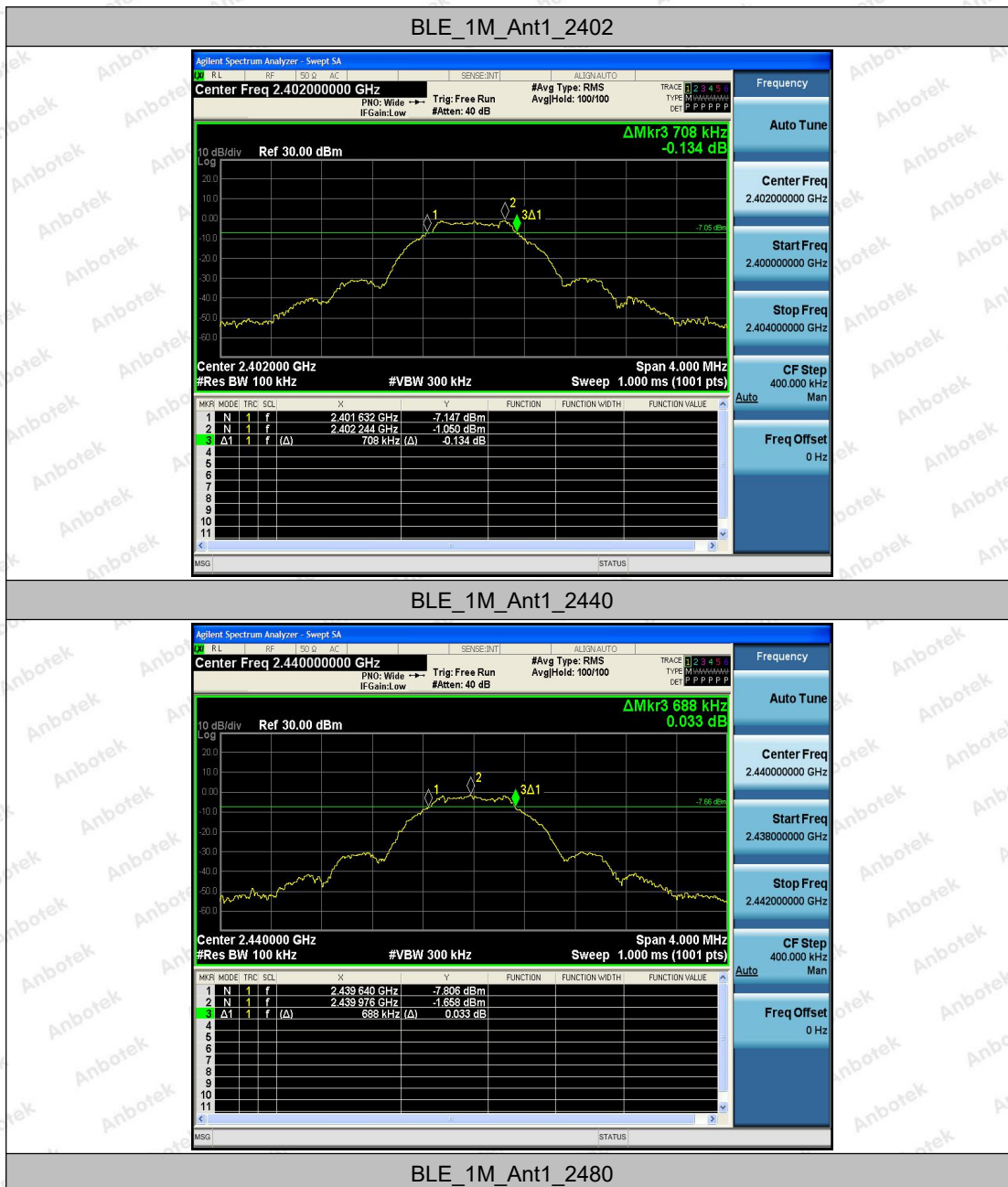
Report No.:	18220WC10290301	Test Sample No.:	1-2-2
Start Test Date:	2021.12.30	Finish Test Date:	2022.1.4
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.5 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.632	2402.340	≥0.5	PASS
		2440	0.688	2439.640	2440.328	≥0.5	PASS
		2480	0.680	2479.652	2480.332	≥0.5	PASS

Test Graphs



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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0274	2401.490	2402.517	---	PASS
		2440	1.0203	2439.490	2440.511	---	PASS
		2480	1.0273	2479.491	2480.518	---	PASS

Test Graphs



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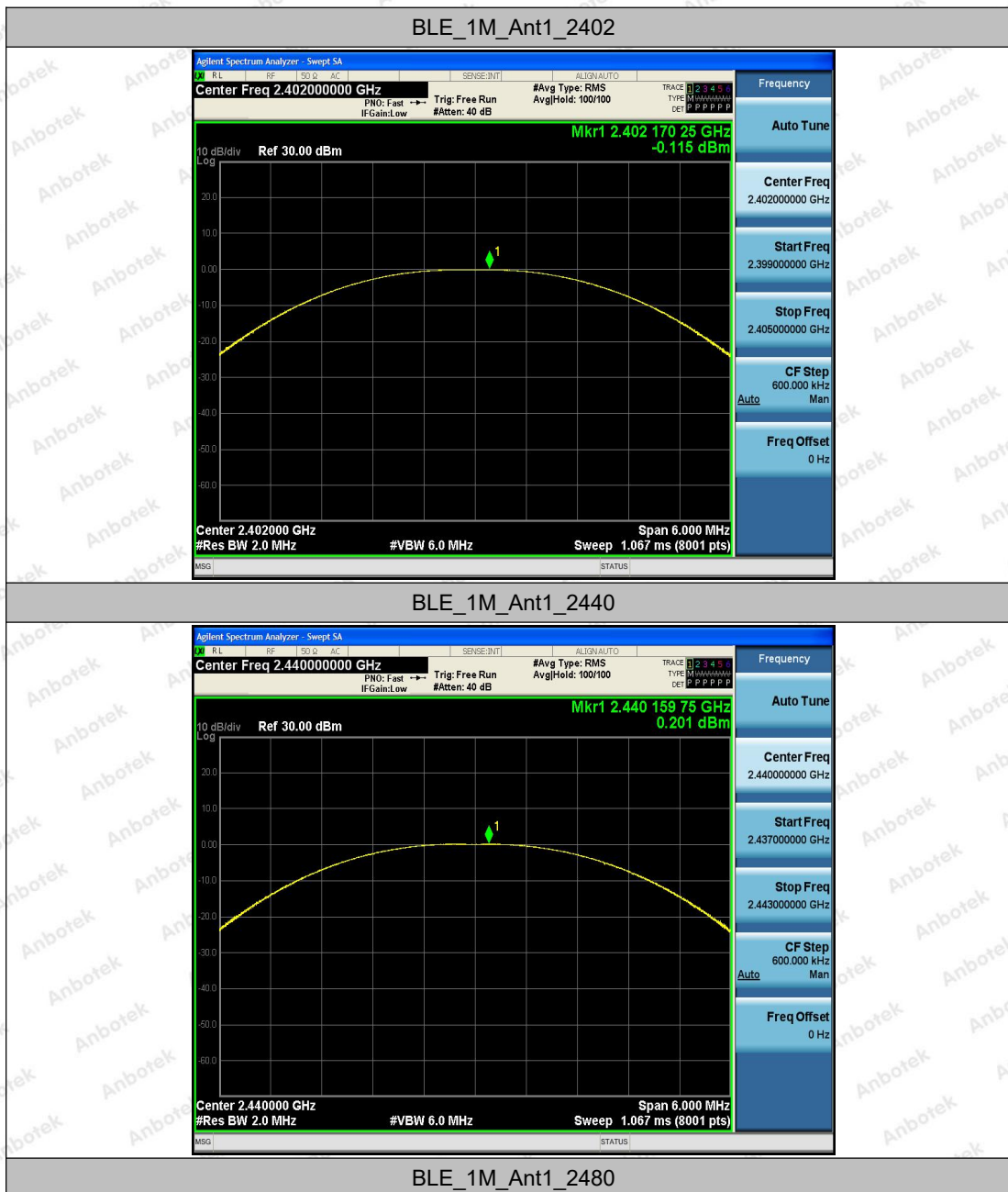
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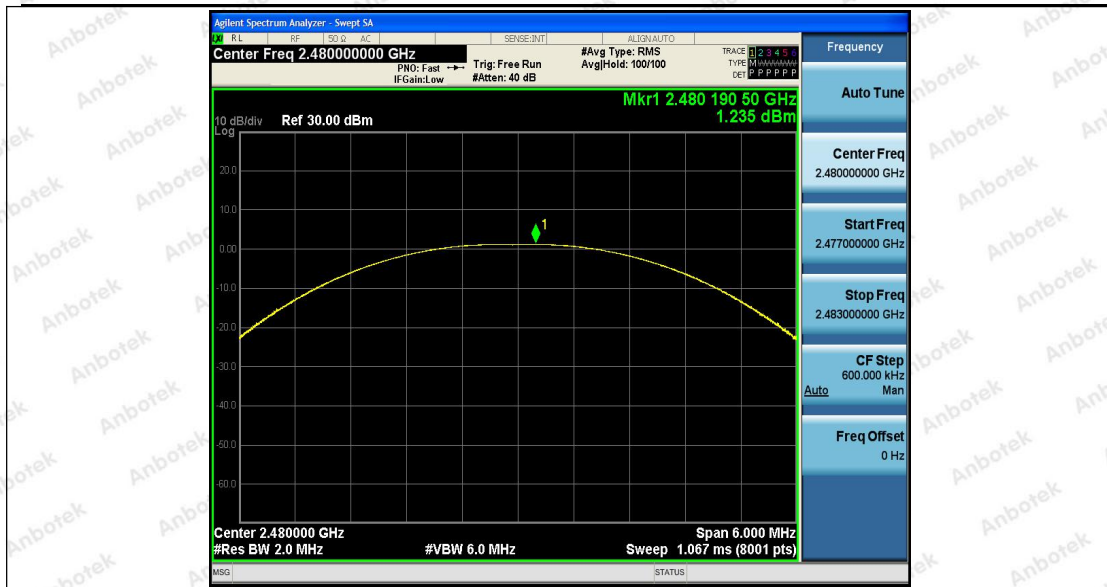
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.12	≤30	PASS
		2440	0.2	≤30	PASS
		2480	1.24	≤30	PASS

Test Graphs





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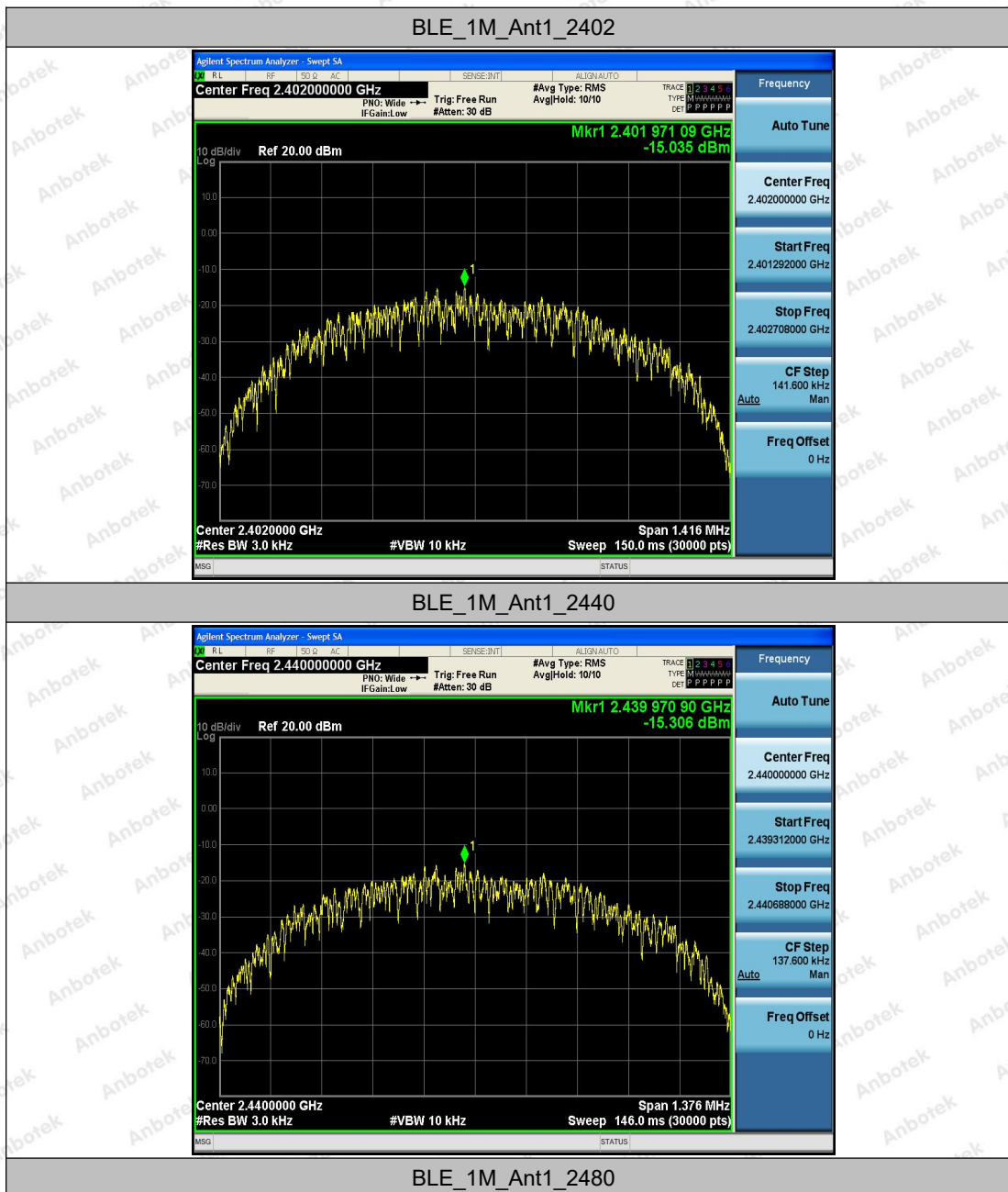
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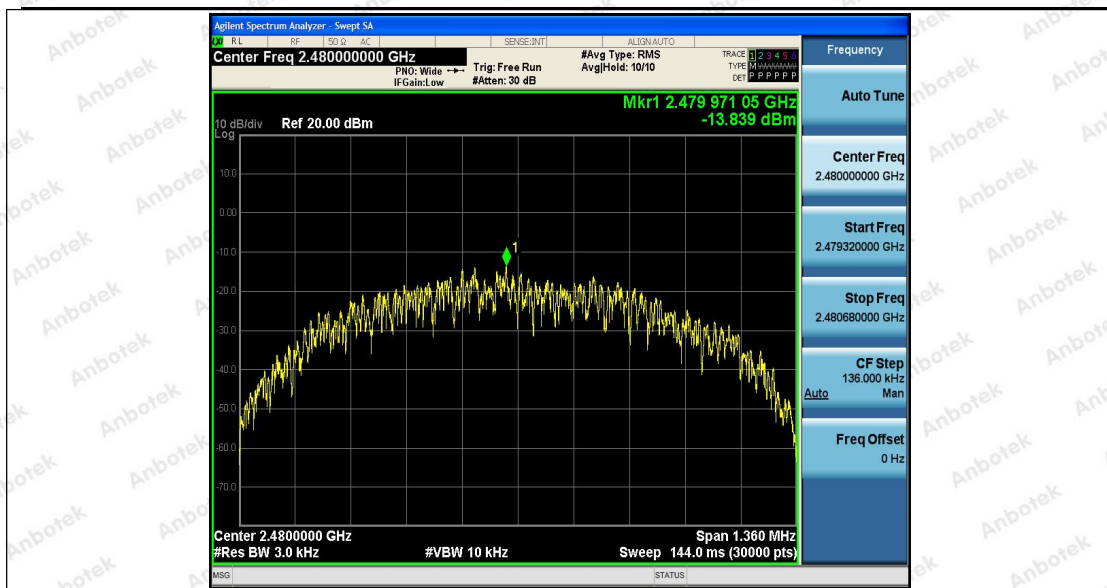
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.04	≤8	PASS
		2440	-15.31	≤8	PASS
		2480	-13.84	≤8	PASS

Test Graphs





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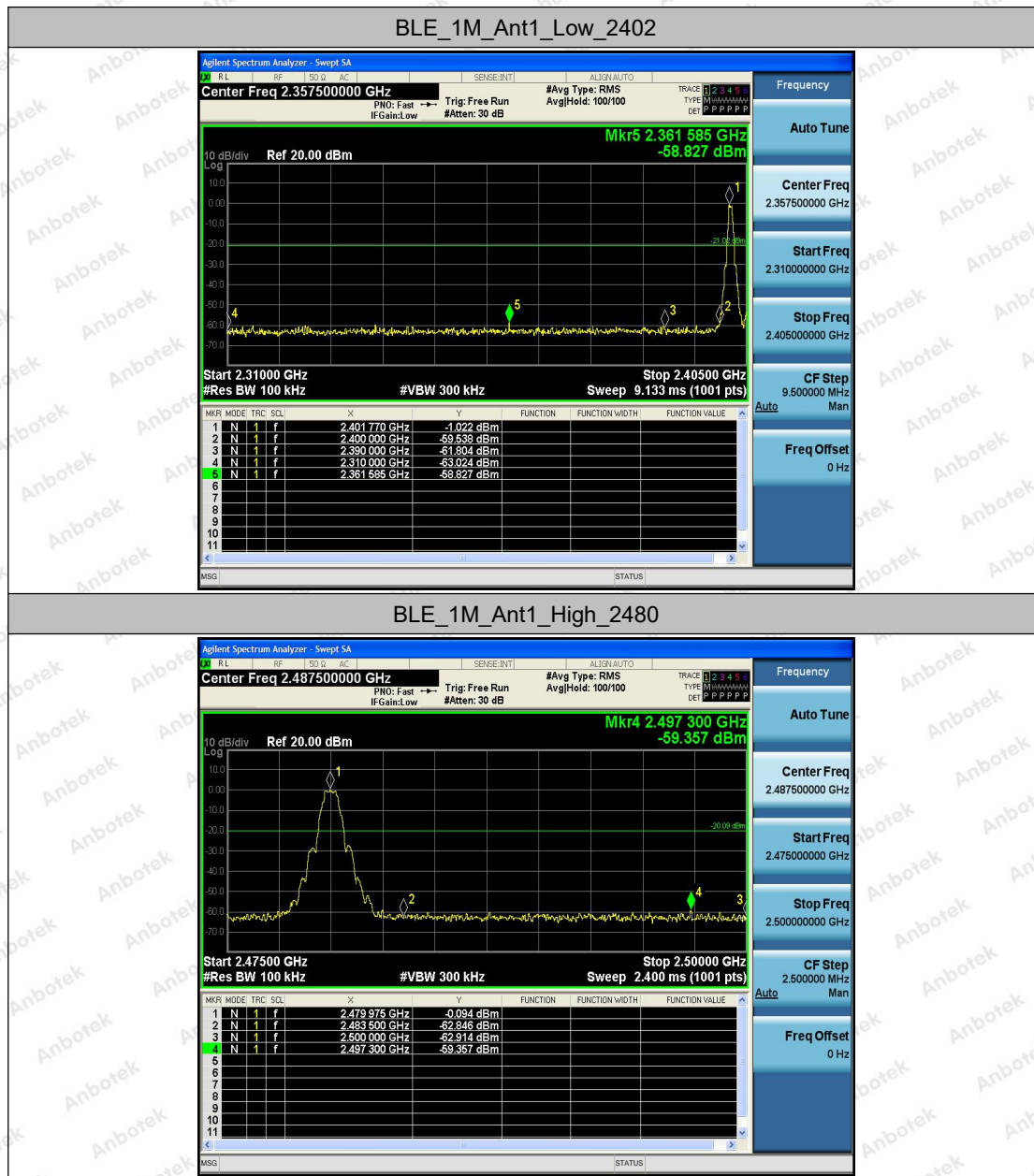
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.02	-58.83	≤-21.02	PASS
		High	2480	-0.09	-59.36	≤-20.09	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

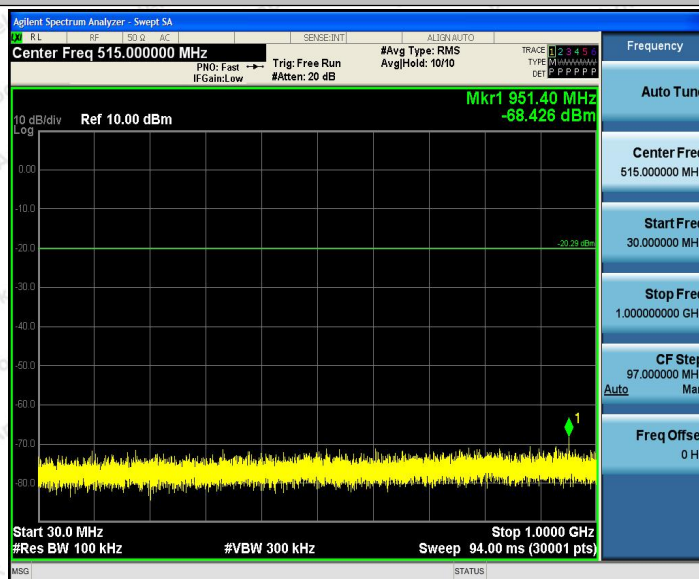
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.29	-0.29	---	PASS
			30~1000	-0.29	-68.43	≤-20.29	PASS
			1000~26500	-0.29	-44.83	≤-20.29	PASS
		2440	Reference	-1.13	-1.13	---	PASS
			30~1000	-1.13	-70.25	≤-21.13	PASS
			1000~26500	-1.13	-45.99	≤-21.13	PASS
		2480	Reference	0.46	0.46	---	PASS
			30~1000	0.46	-69.73	≤-19.54	PASS
			1000~26500	0.46	-48.95	≤-19.54	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500

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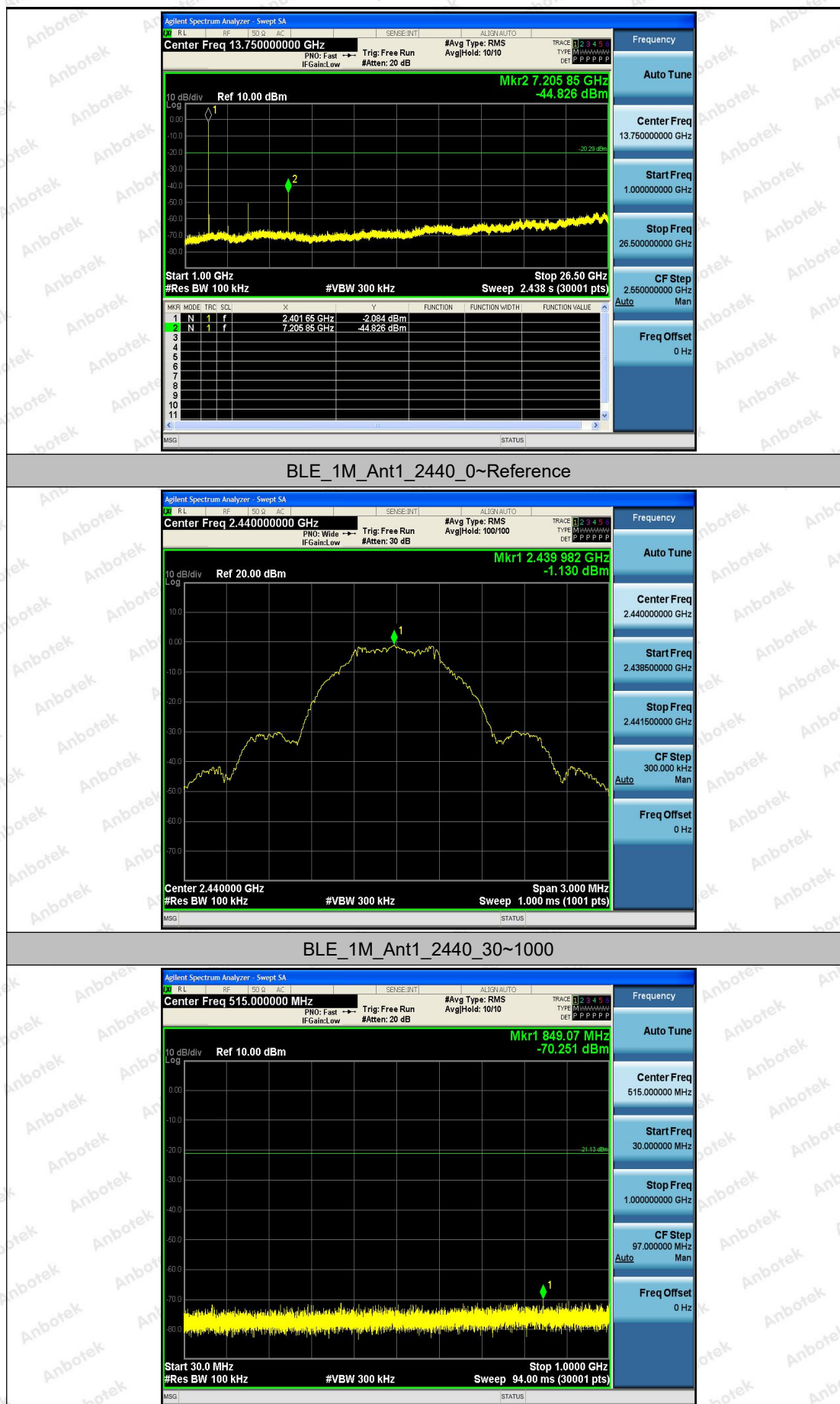
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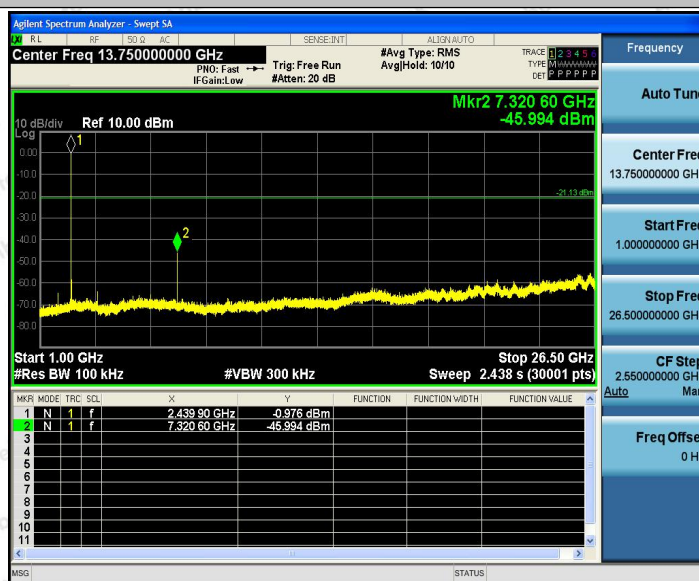
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



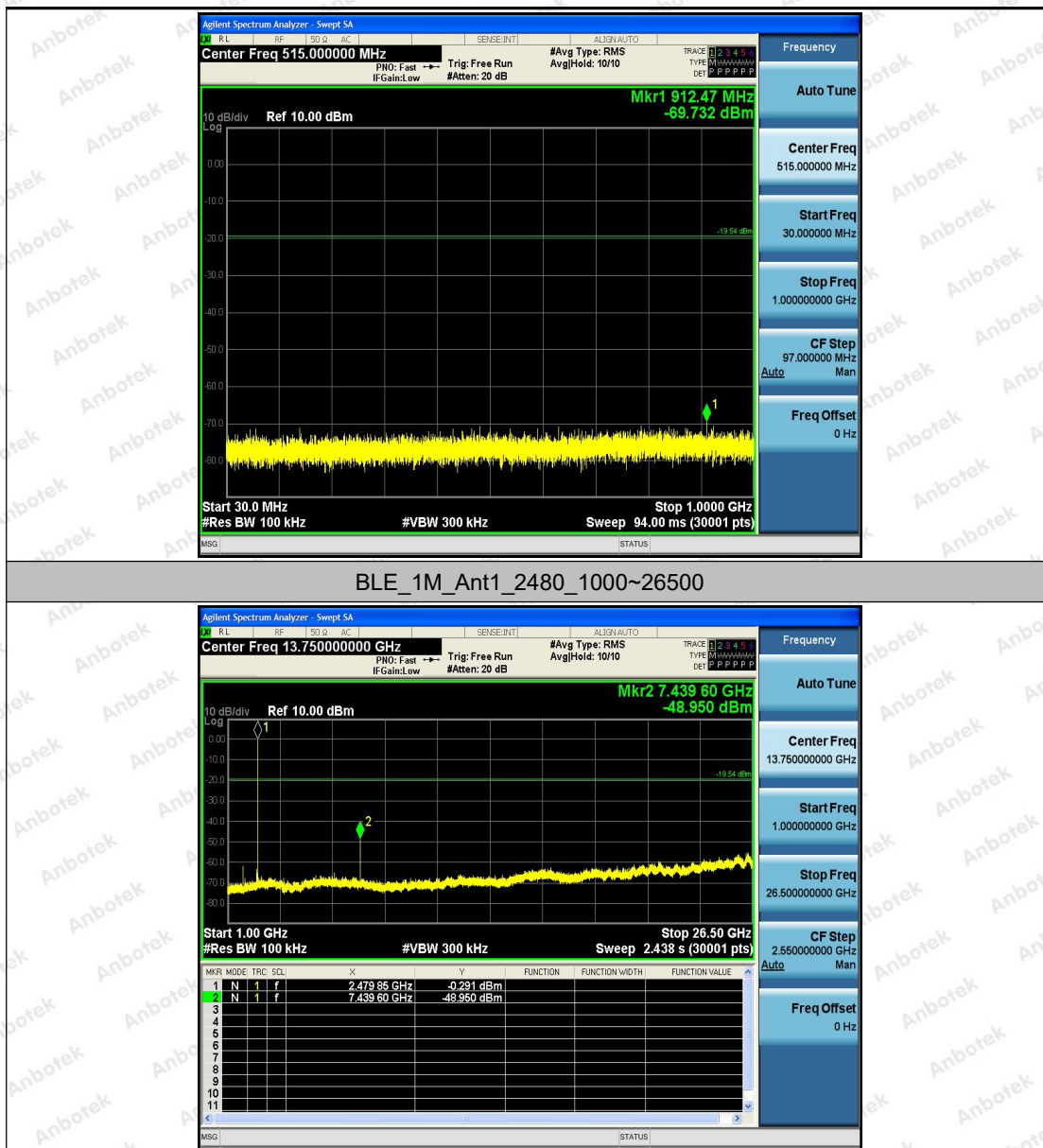
BLE_1M_Ant1_2480_30~1000

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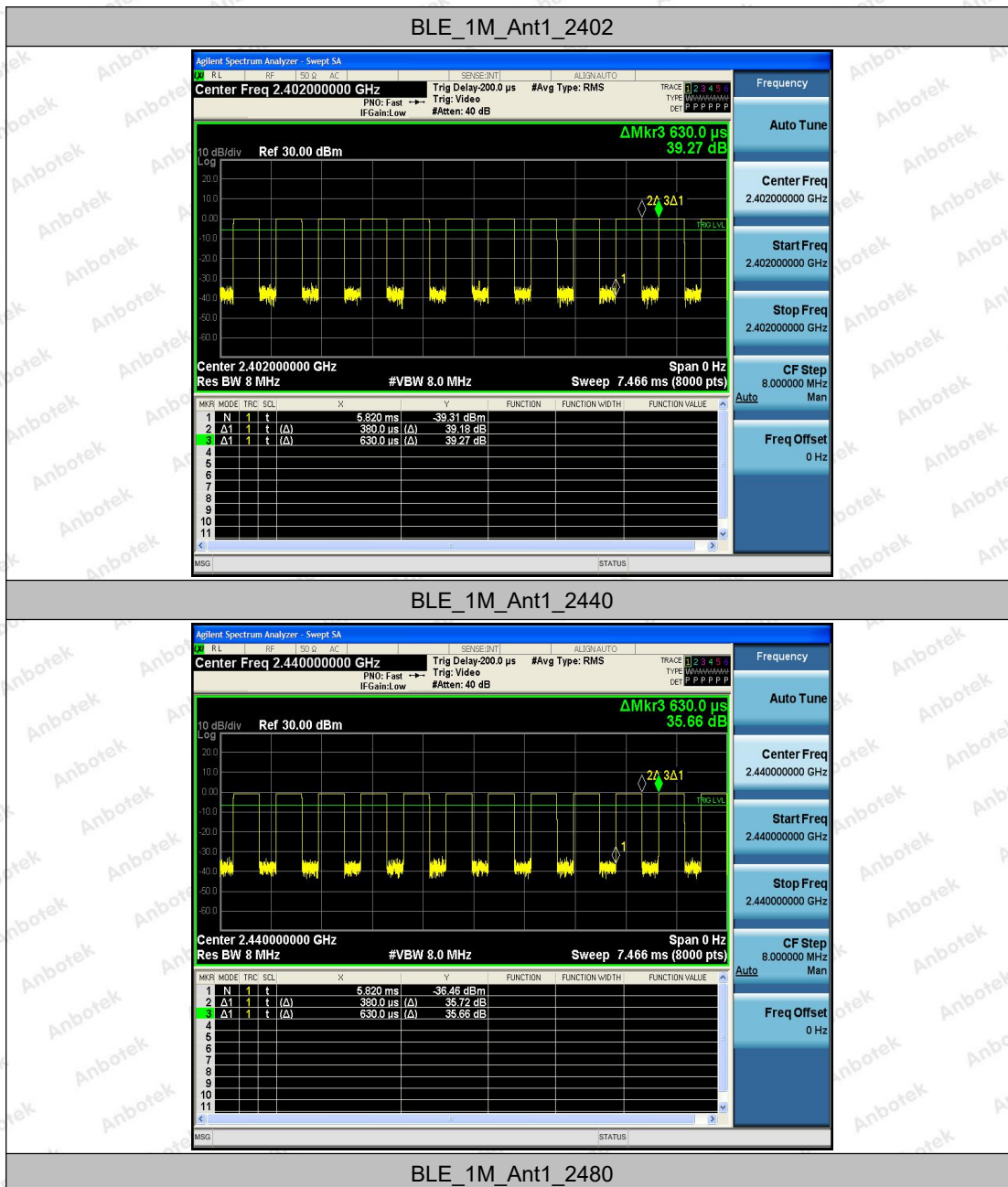
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	60.32	2.20	---	PASS
		2440	0.38	0.63	0.6032	60.32	2.20	---	PASS
		2480	0.38	0.63	0.6032	60.32	2.20	---	PASS

Test Graphs



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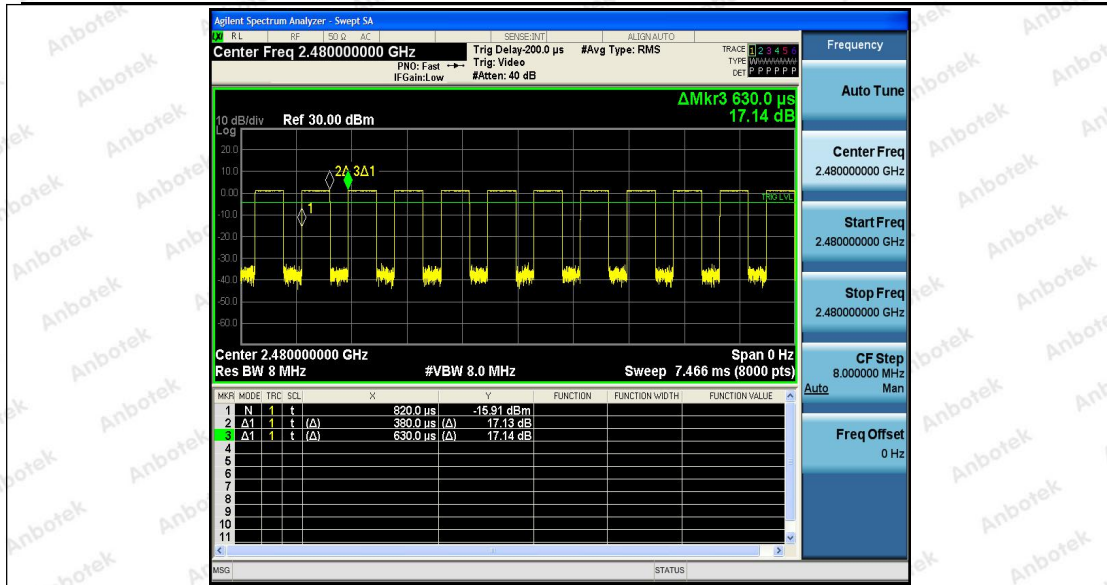
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