

Appendix Test Data

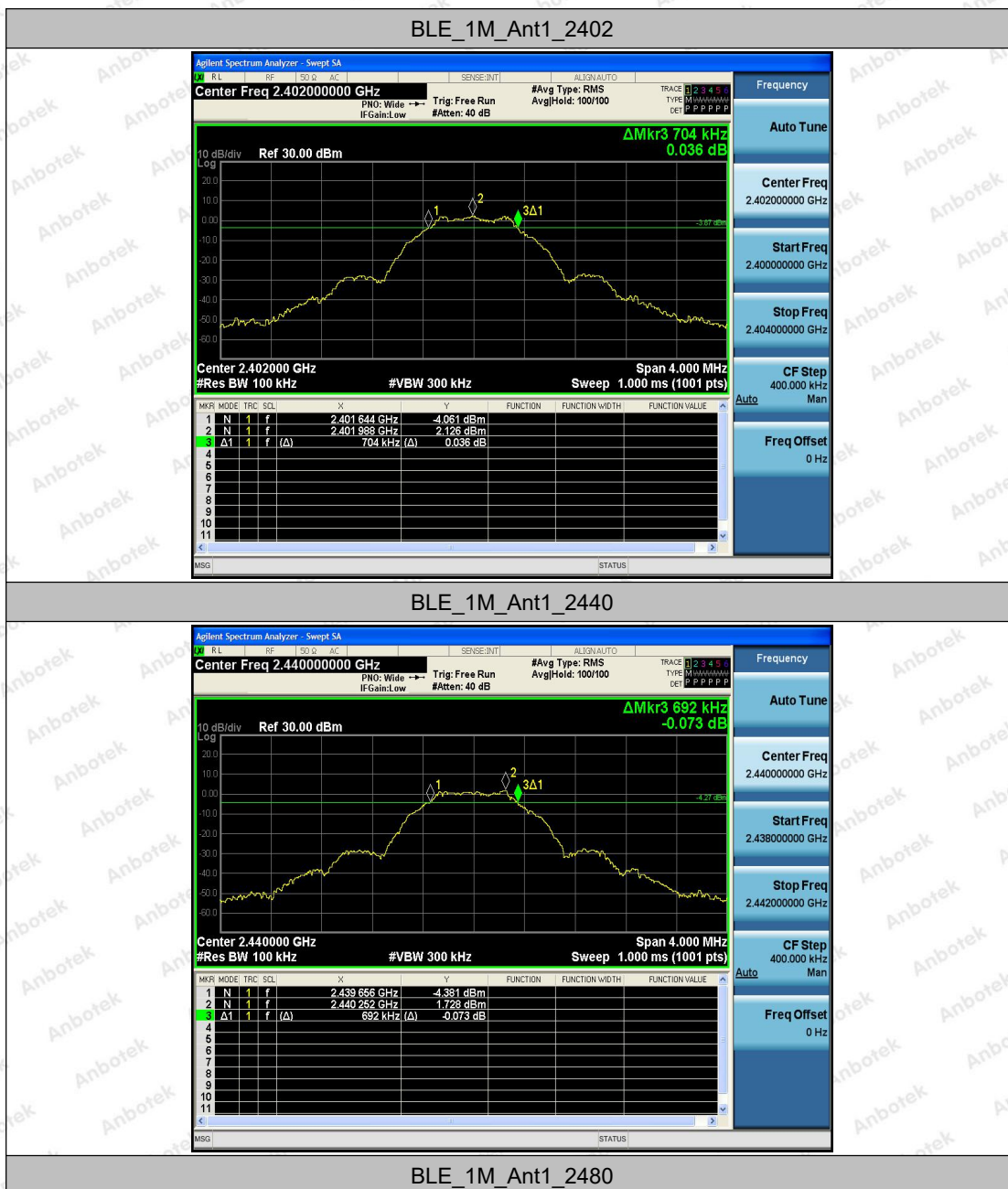
Report No.:	18220WC20058401	Test Sample No.:	1-2-2
Start Test Date:	2022.3.25	Finish Test Date:	2022.3.30
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.704	2401.644	2402.348	≥0.5	PASS
		2440	0.692	2439.656	2440.348	≥0.5	PASS
		2480	0.664	2479.668	2480.332	≥0.5	PASS

Test Graphs



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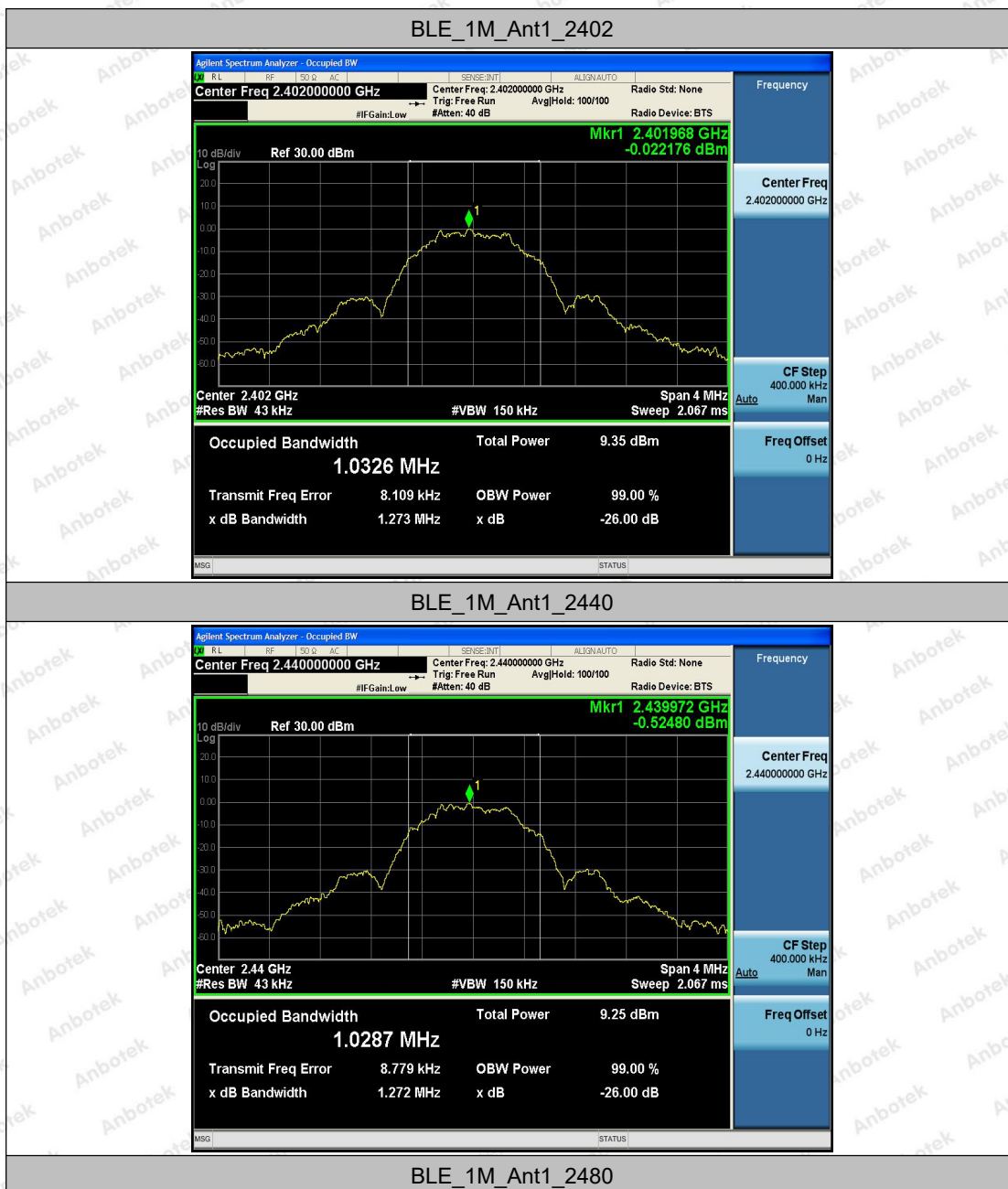
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0326	2401.492	2402.524	---	PASS
		2440	1.0287	2439.494	2440.523	---	PASS
		2480	1.0255	2479.496	2480.522	---	PASS

Test Graphs



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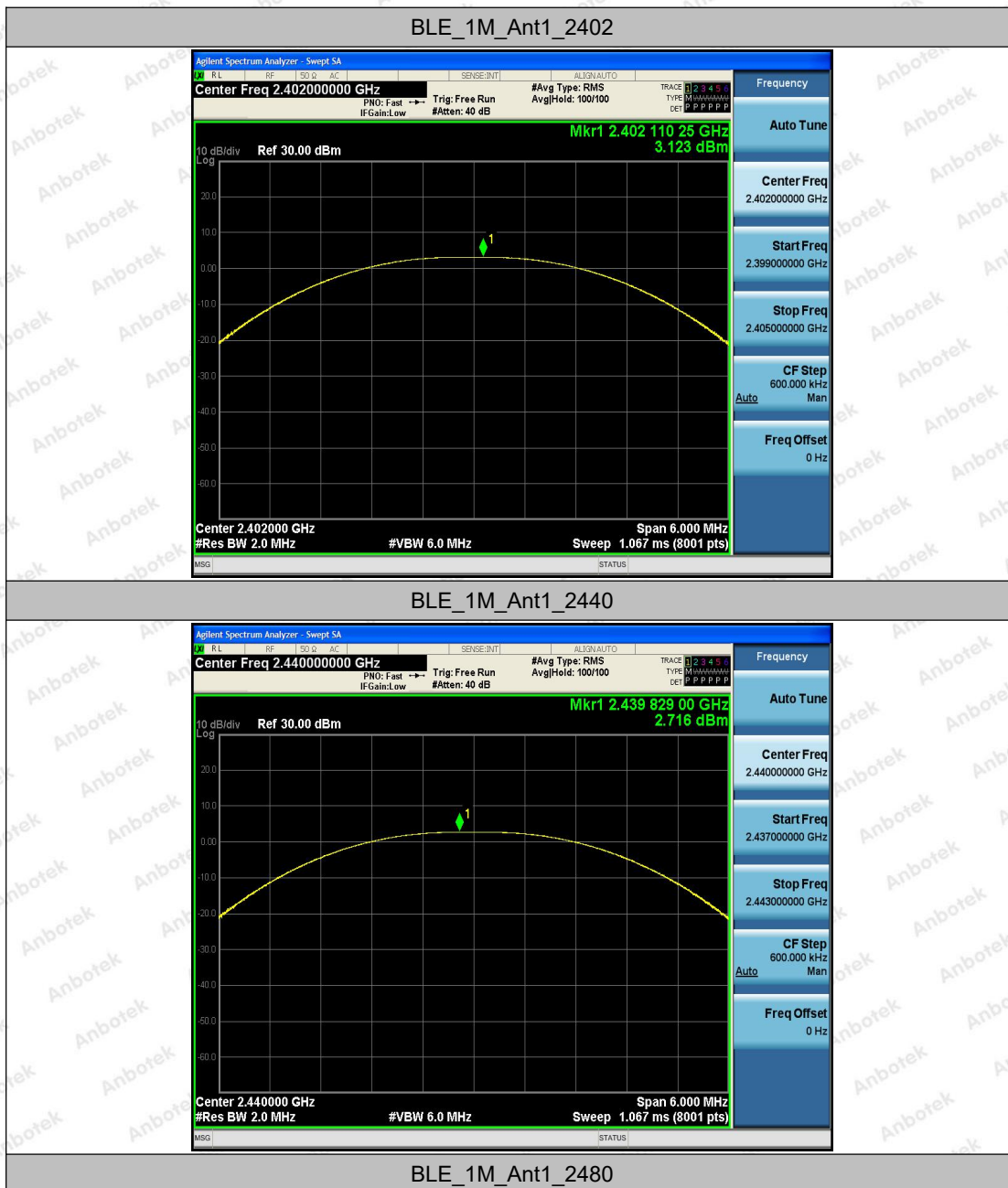
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.12	≤30	PASS
		2440	2.72	≤30	PASS
		2480	3.54	≤30	PASS

Test Graphs

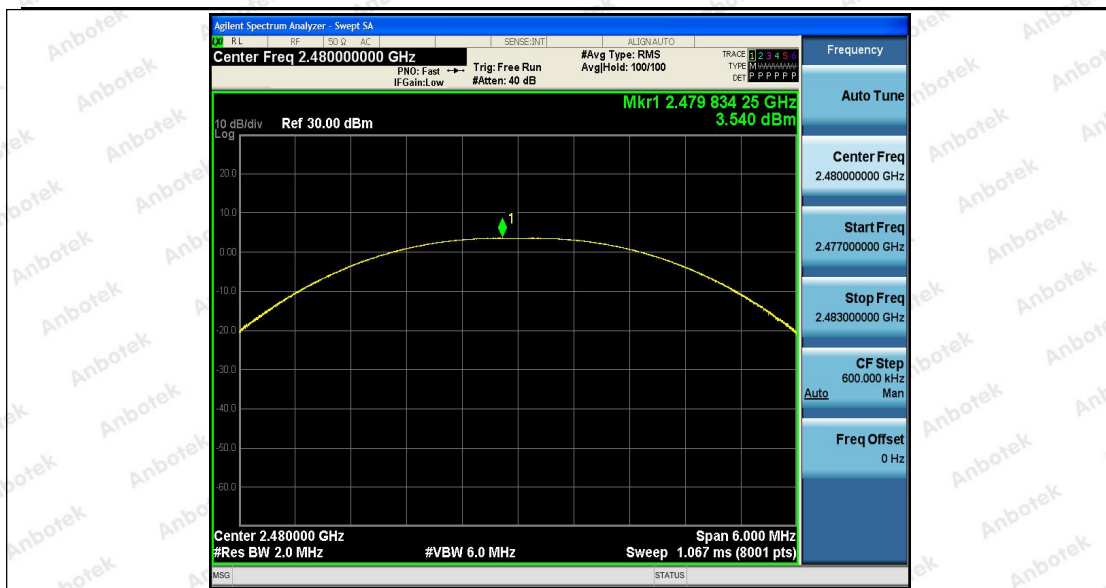


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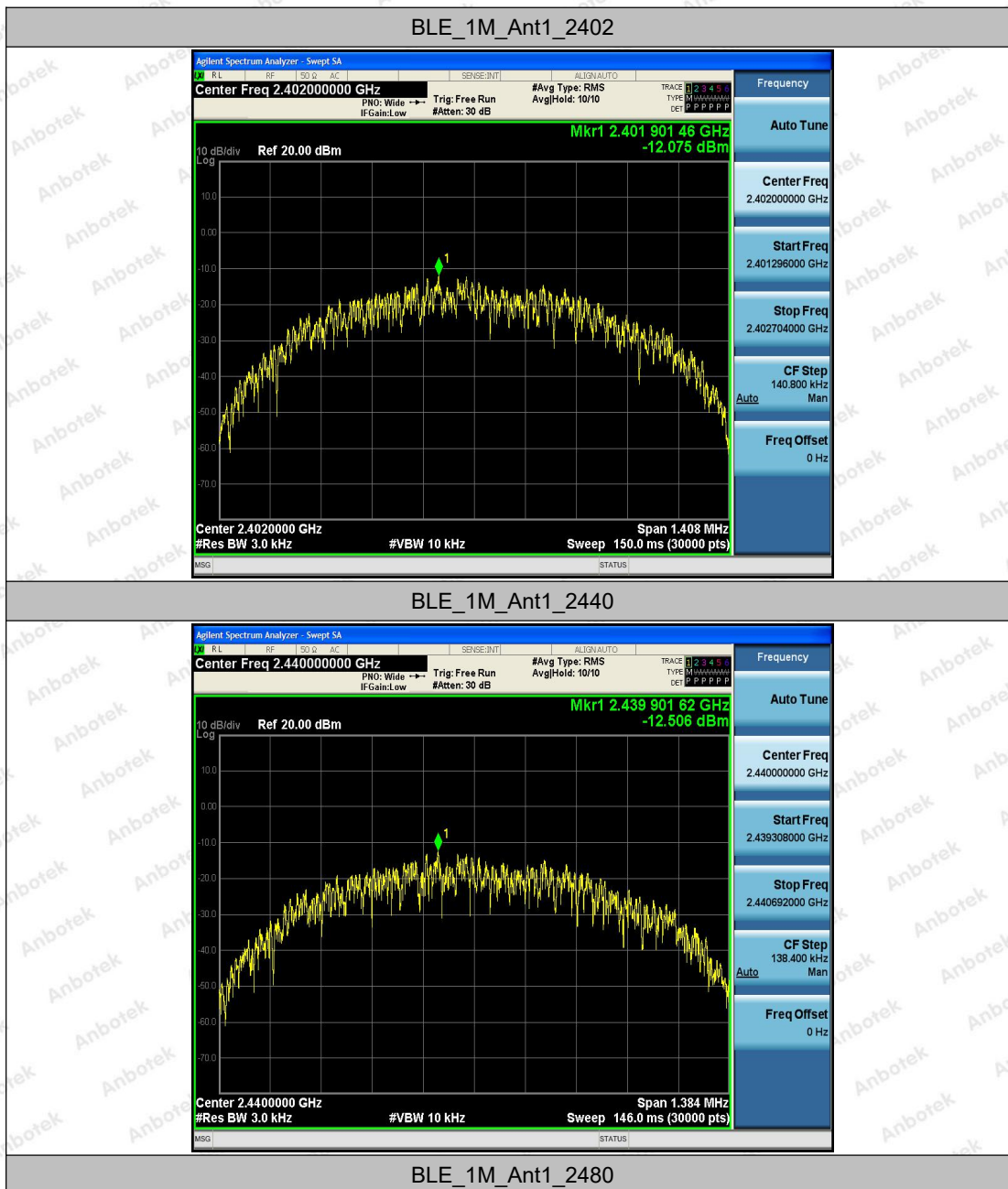
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.08	≤8	PASS
		2440	-12.51	≤8	PASS
		2480	-11.56	≤8	PASS

Test Graphs

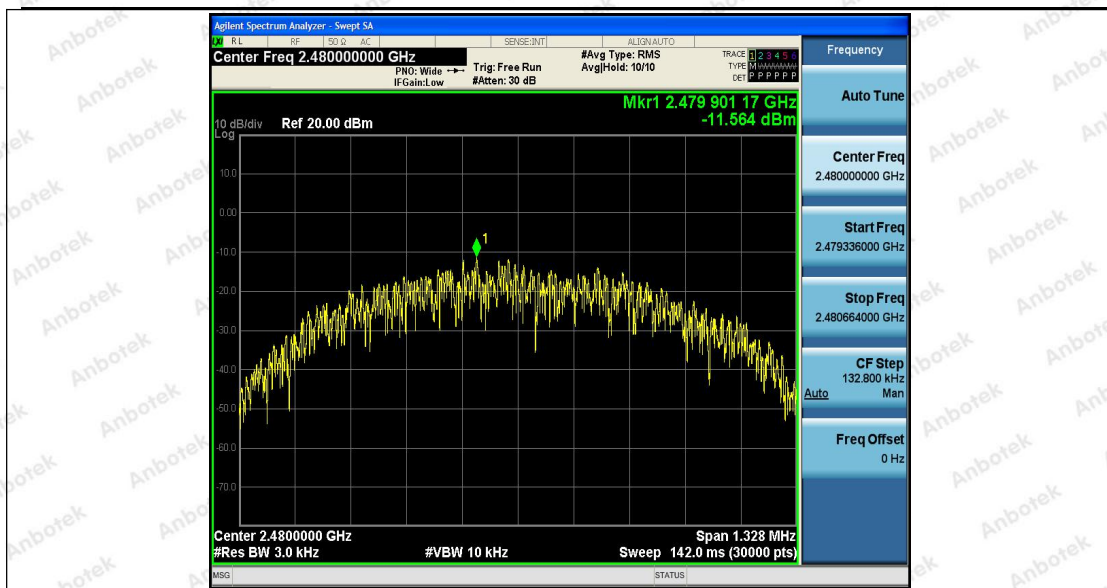


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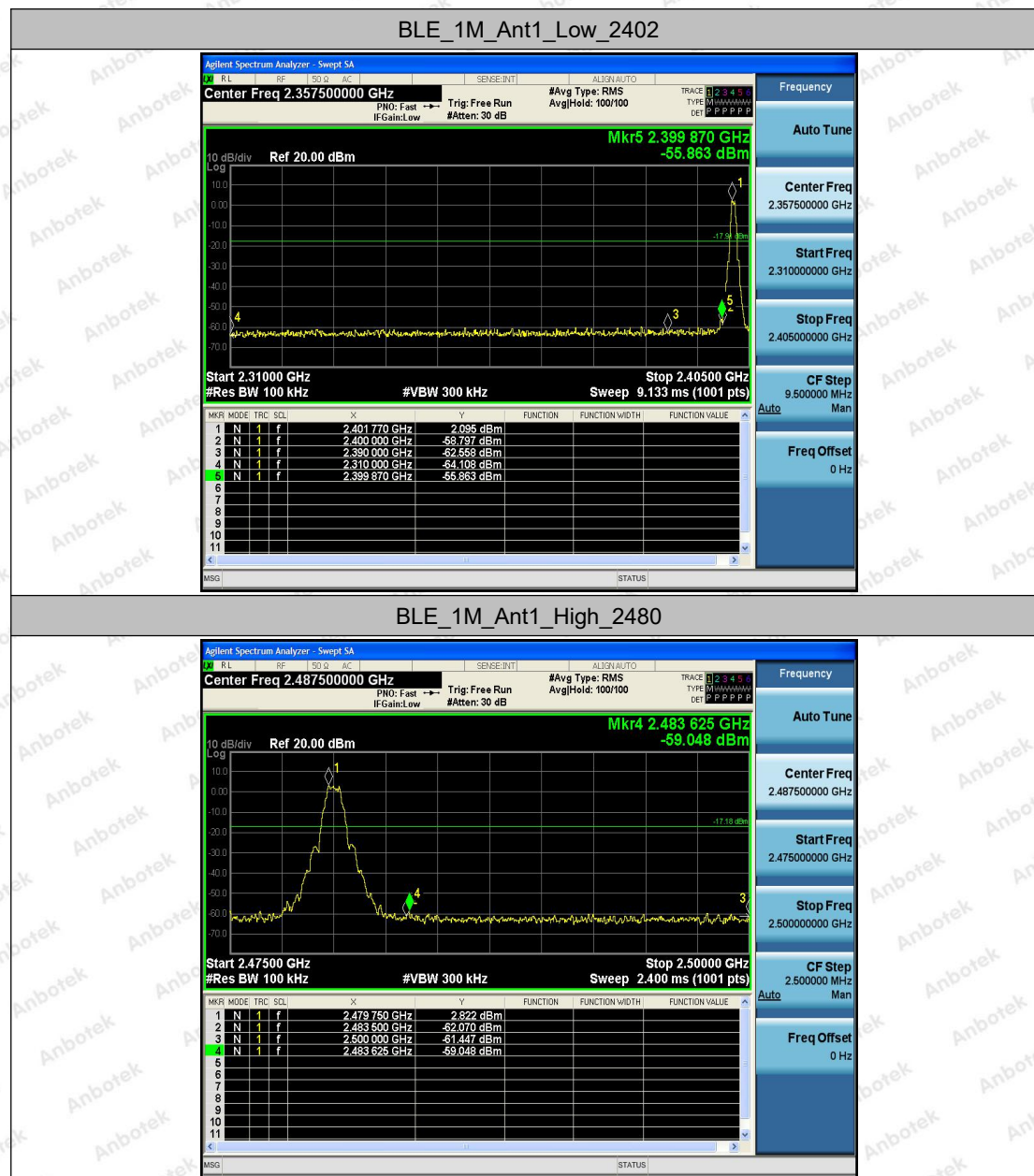
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.10	-55.86	≤ -17.91	PASS
		High	2480	2.82	-59.05	≤ -17.18	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

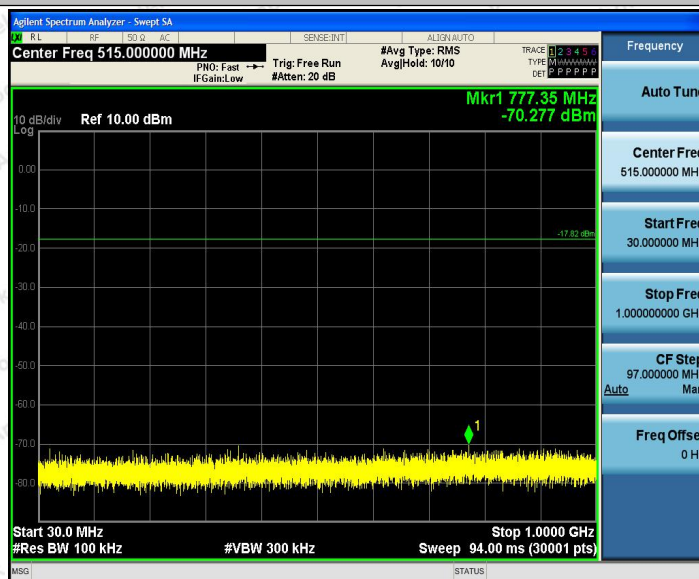
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-70.28	≤-17.82	PASS
			1000~265 00	2.18	-55.72	≤-17.82	PASS
		2440	Reference	1.78	1.78	---	PASS
			30~1000	1.78	-70.88	≤-18.22	PASS
			1000~265 00	1.78	-55.95	≤-18.22	PASS
		2480	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-70.09	≤-17.4	PASS
			1000~265 00	2.60	-55.72	≤-17.4	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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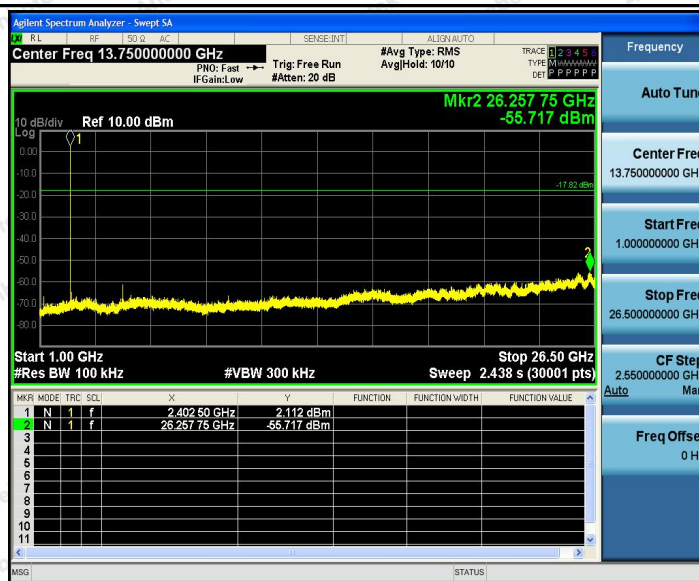
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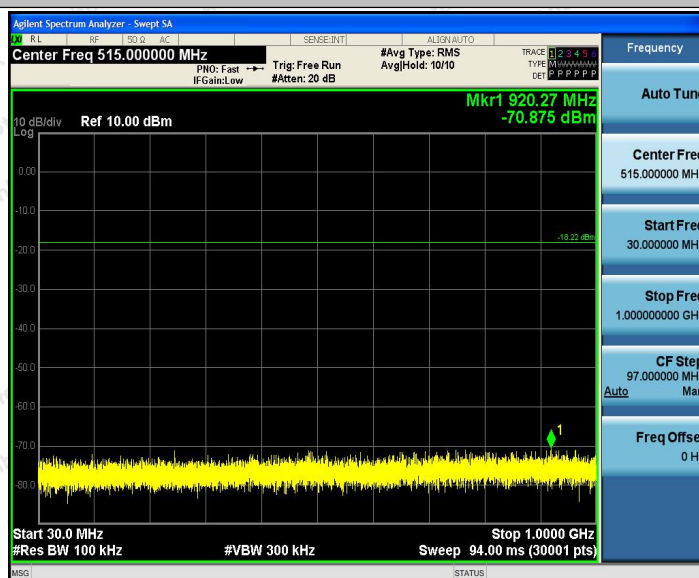
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



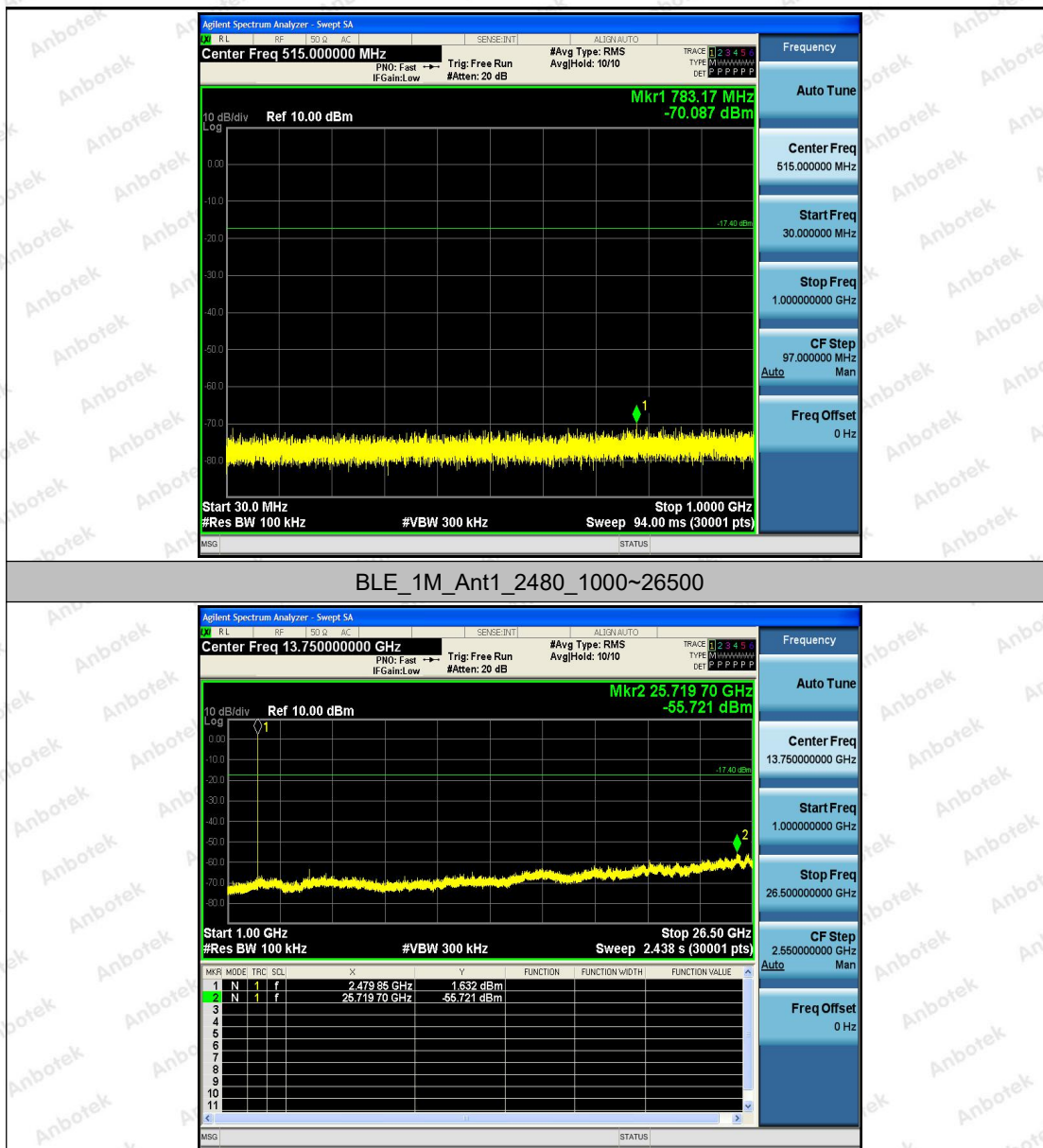
BLE_1M_Ant1_2480_30~1000

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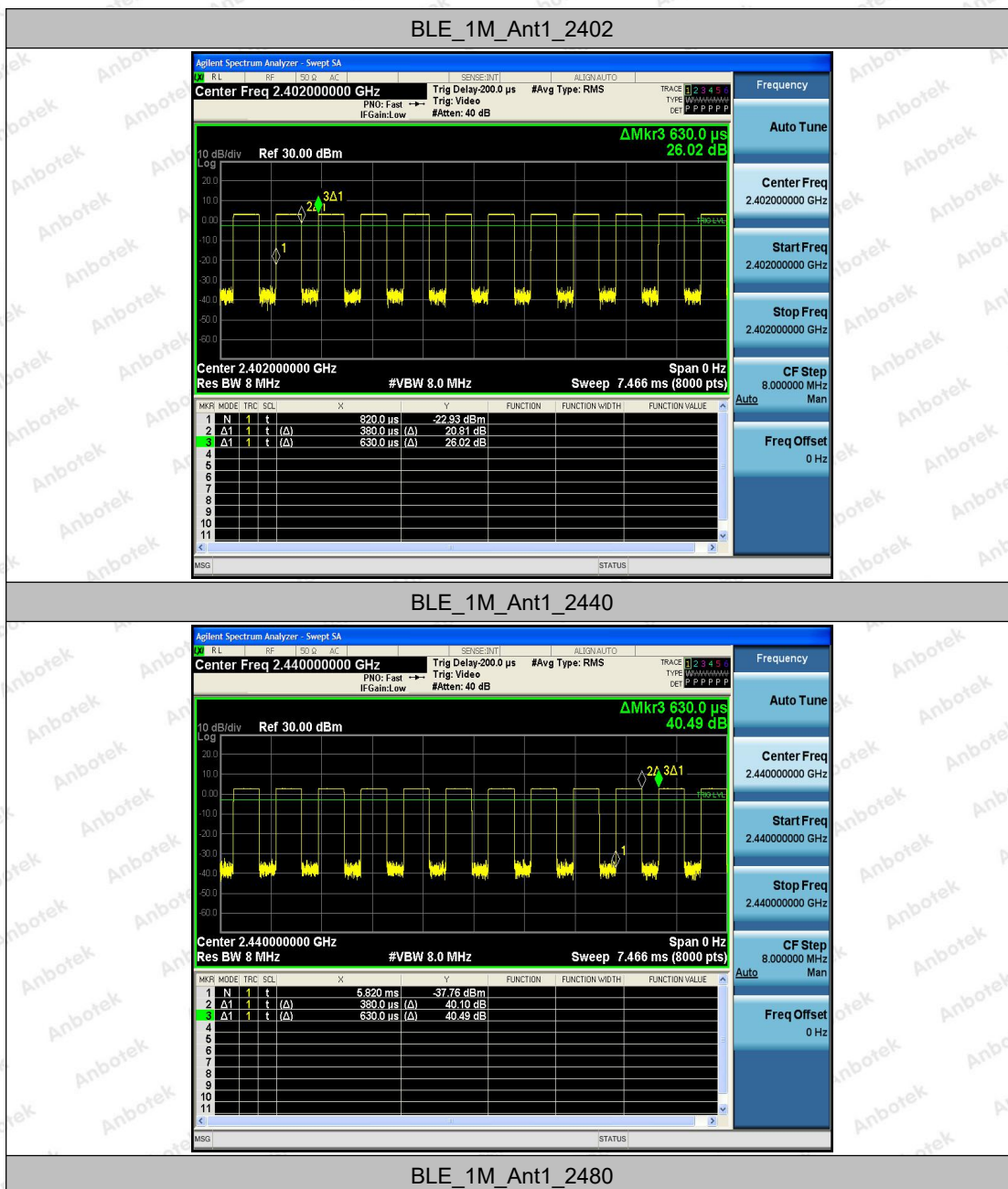
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2440	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2480	0.38	0.62	0.612 9	61.29	2.13	---	PASS

Test Graphs

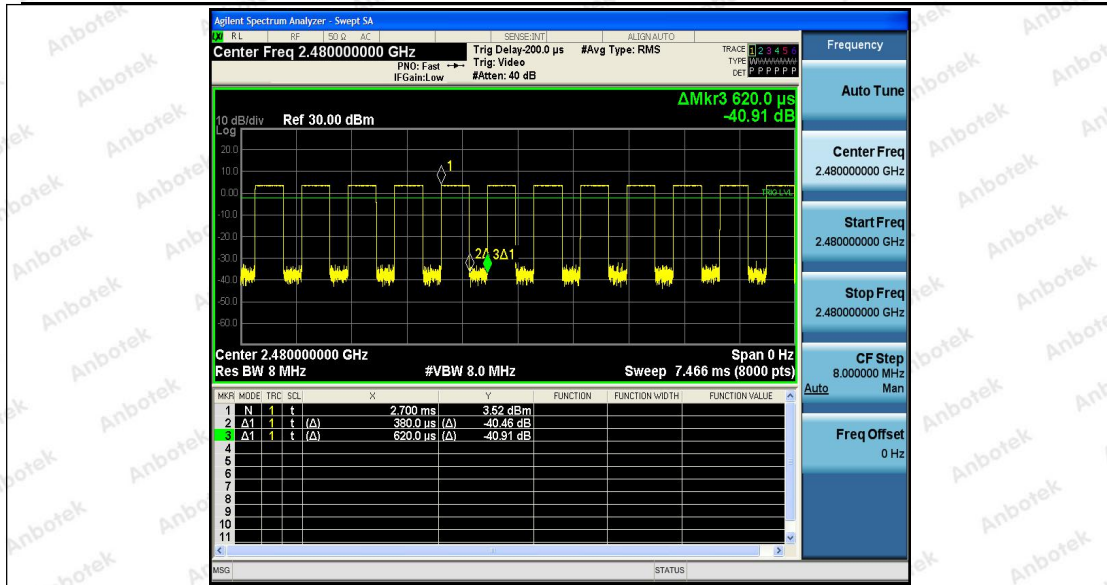


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