

Appendix Test Data

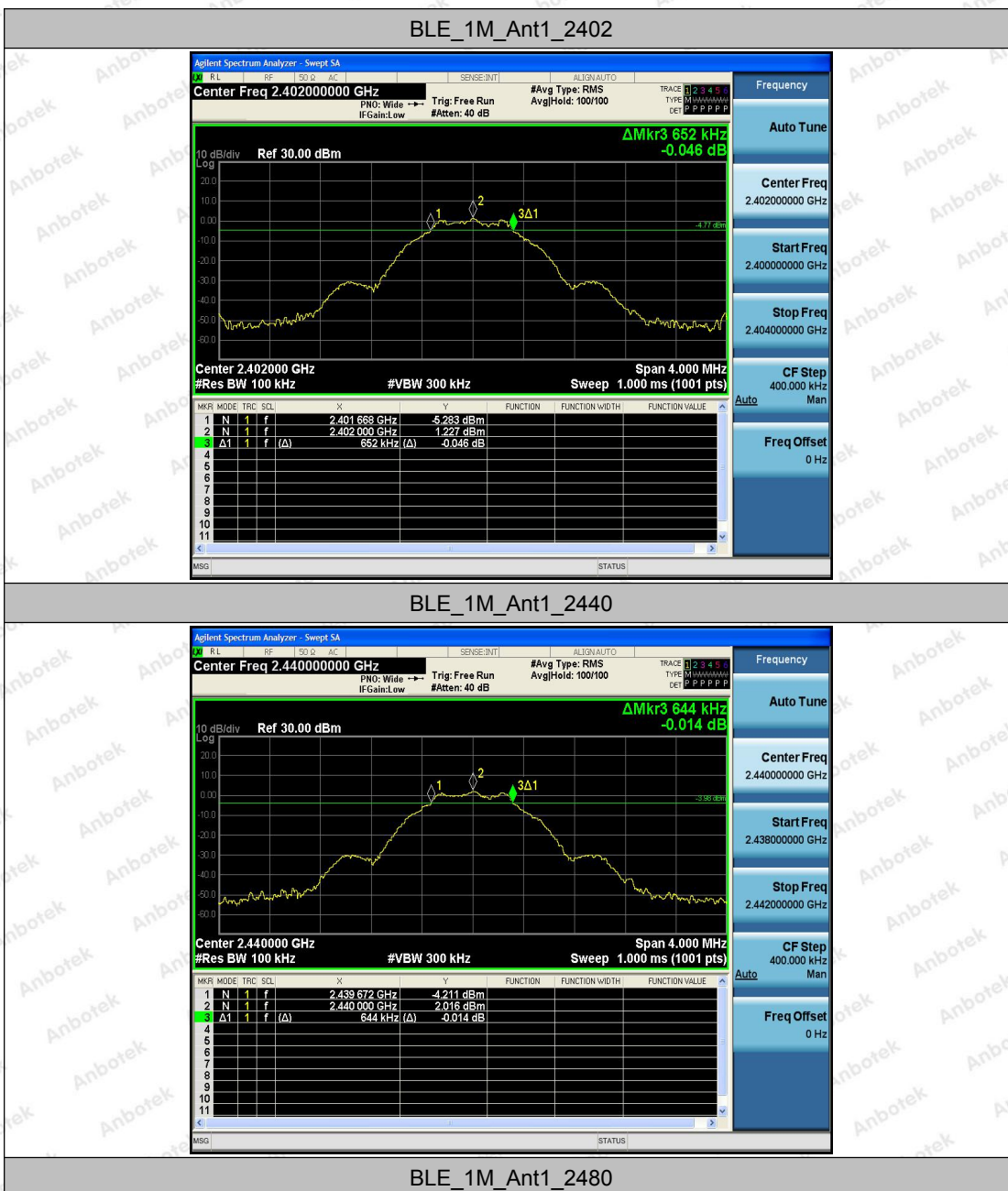
Report No.:	18220WC10224101	Test Date:	2021.10.18
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.668	2402.320	≥0.5	PASS
		2440	0.644	2439.672	2440.316	≥0.5	PASS
		2480	0.676	2479.648	2480.324	≥0.5	PASS

Test Graphs



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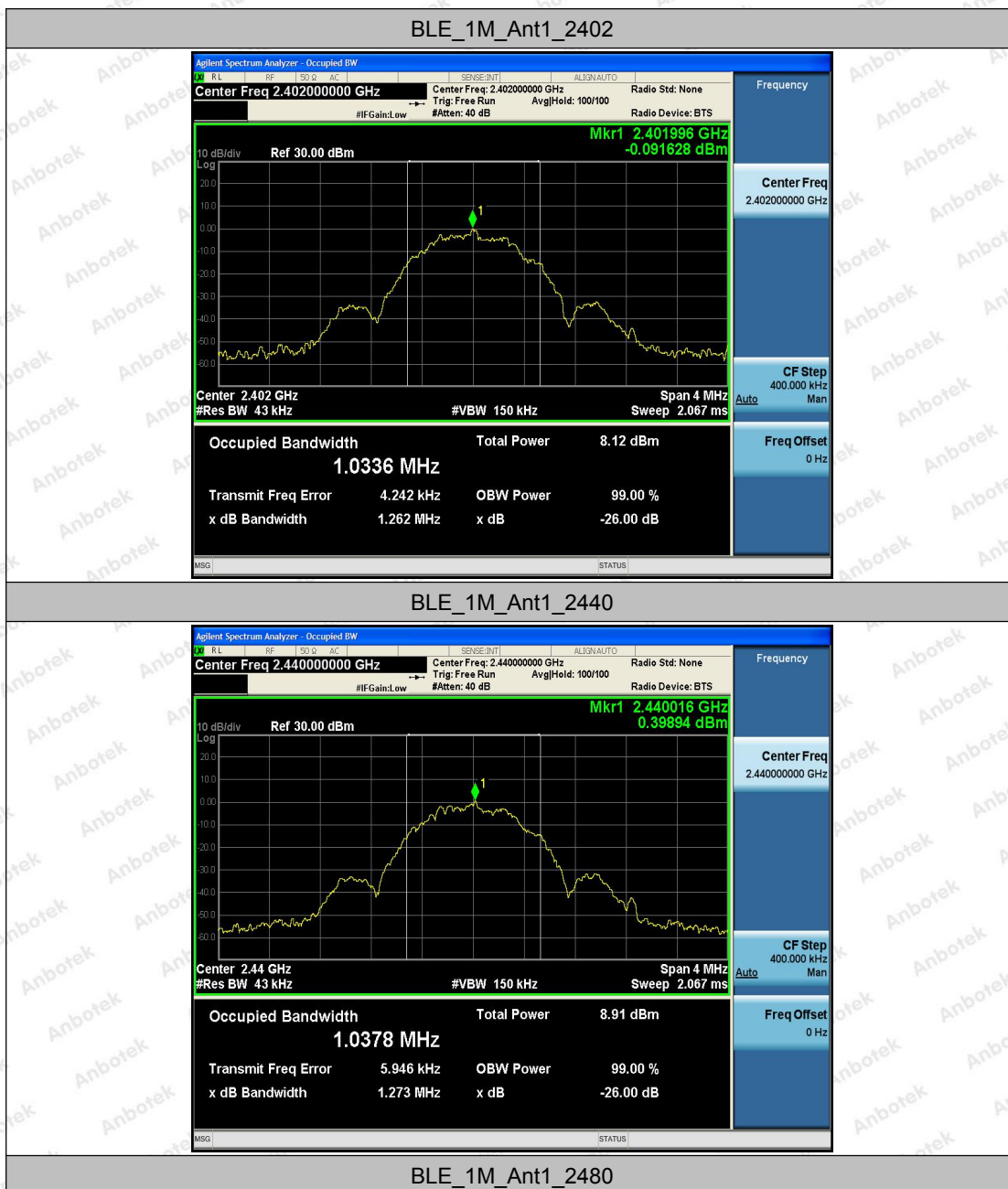
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0336	2401.487	2402.521	---	PASS
		2440	1.0378	2439.487	2440.525	---	PASS
		2480	1.0360	2479.488	2480.524	---	PASS

Test Graphs



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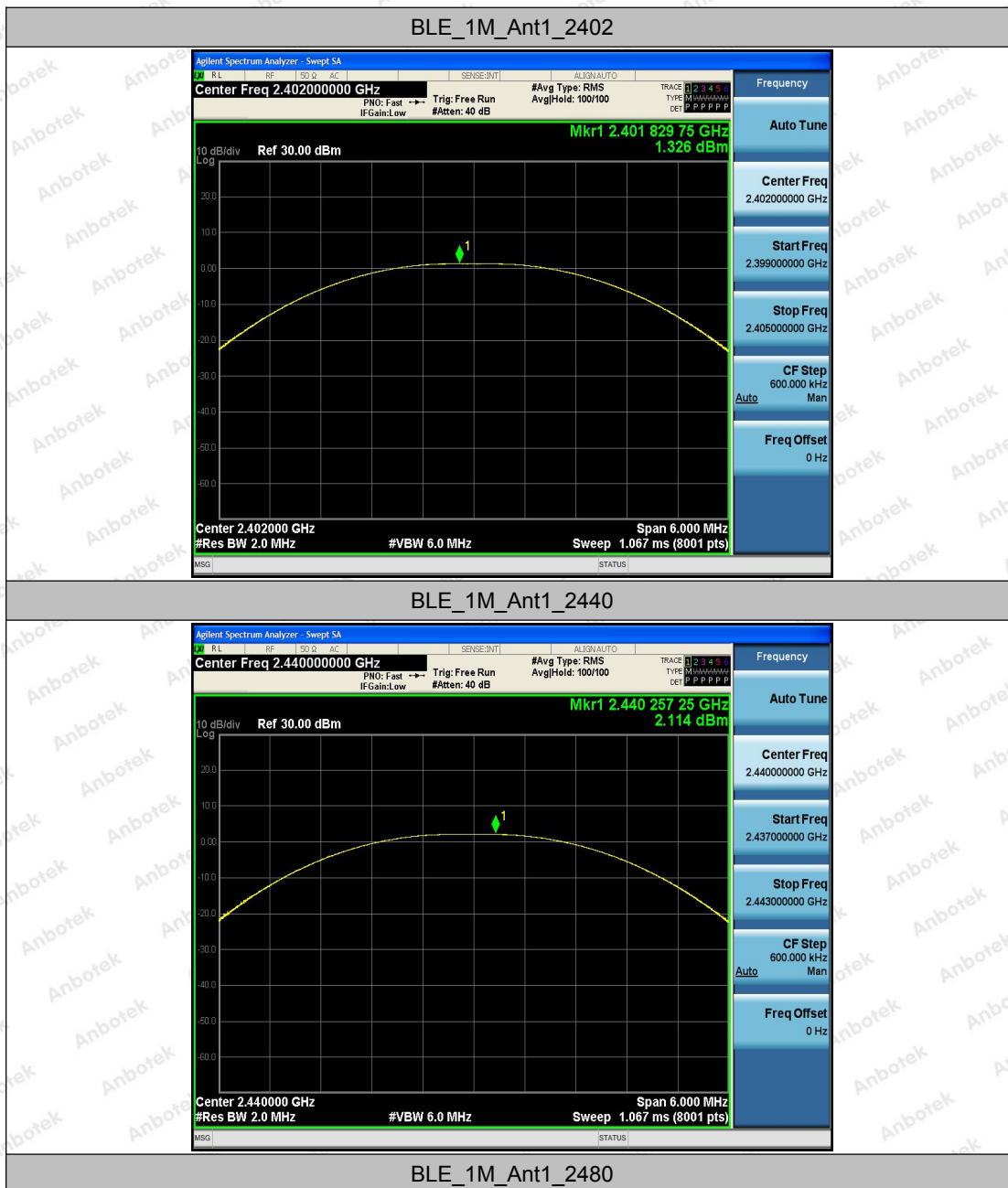
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.33	≤30	PASS
		2440	2.11	≤30	PASS
		2480	1.35	≤30	PASS

Test Graphs

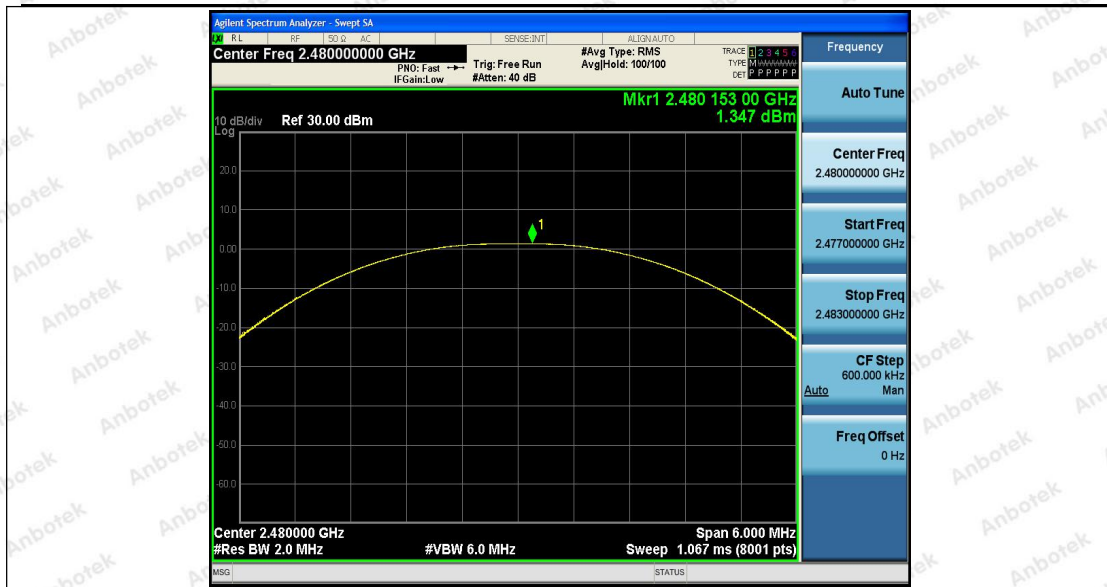


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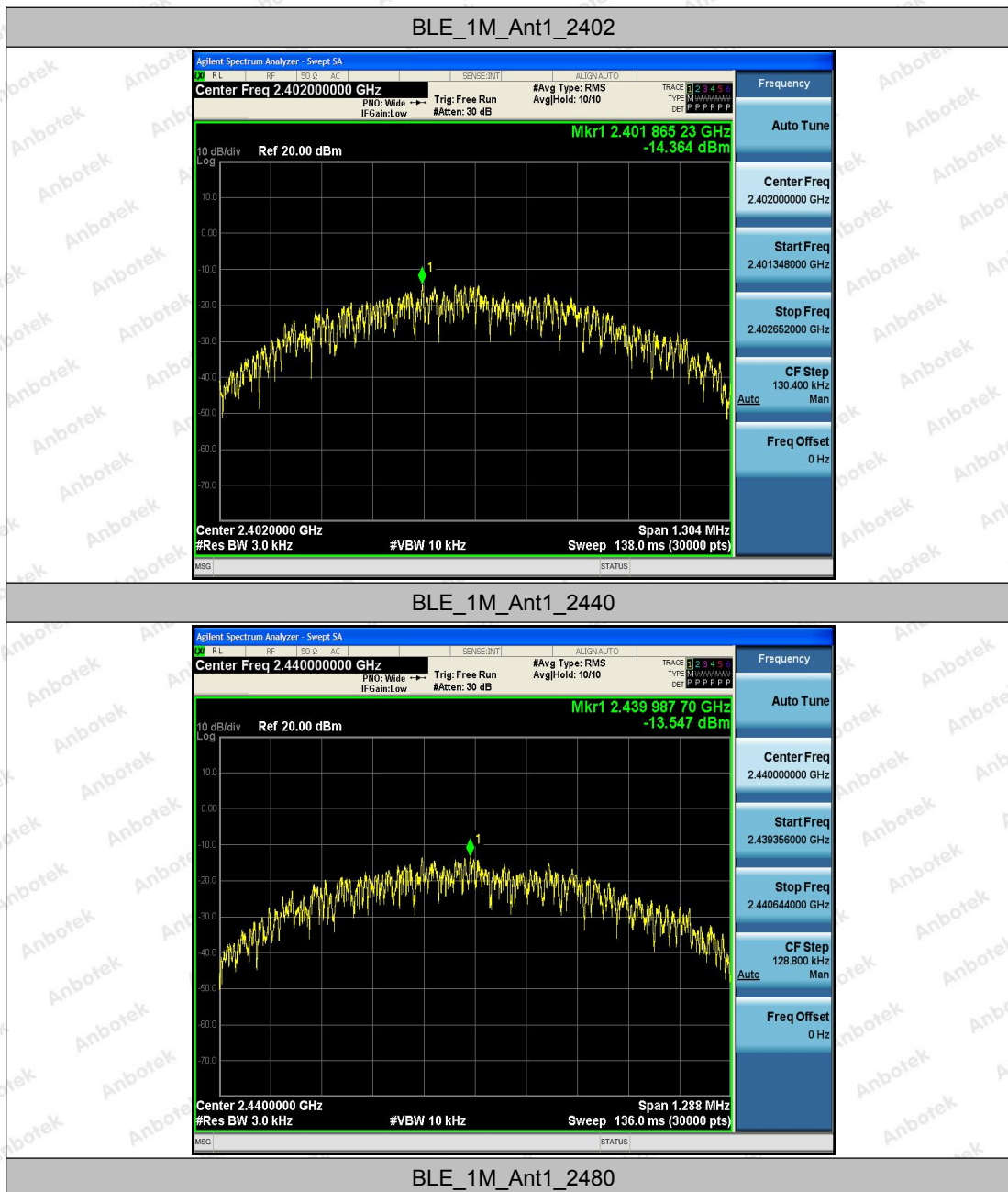
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.36	≤8	PASS
		2440	-13.55	≤8	PASS
		2480	-14.32	≤8	PASS

Test Graphs

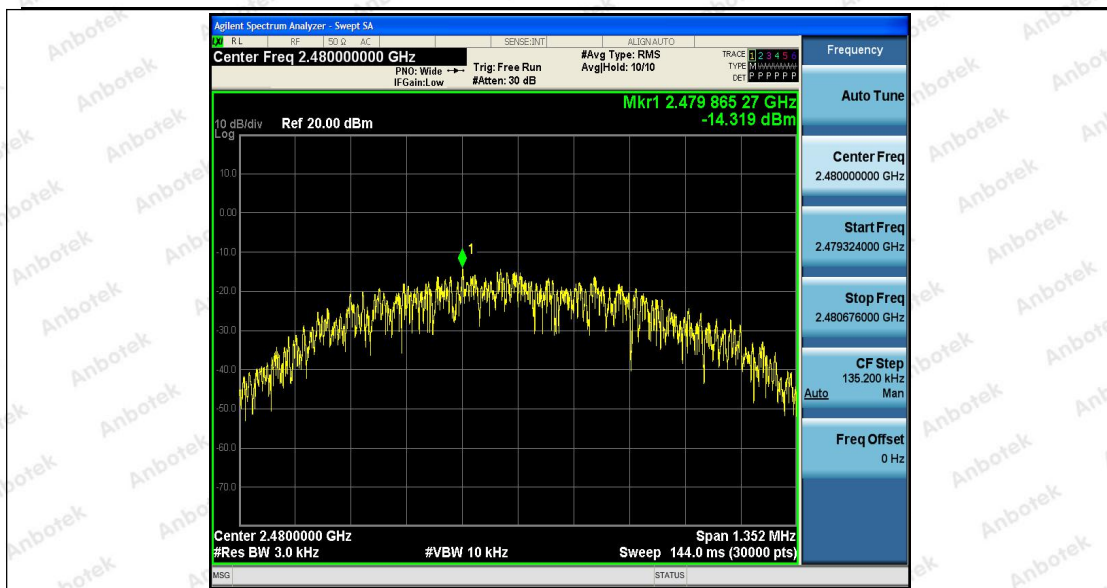


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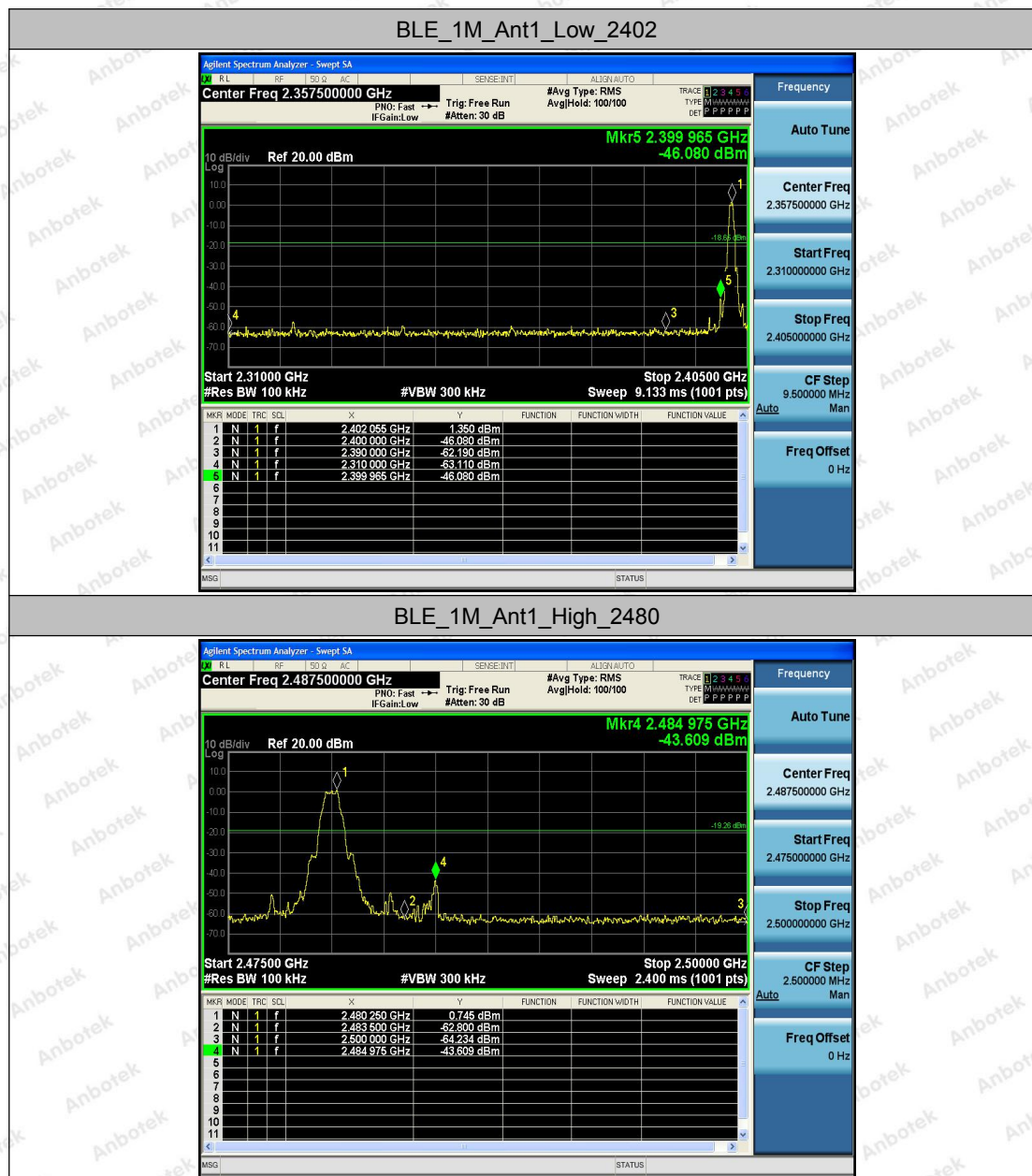
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.35	-46.08	≤-18.65	PASS
		High	2480	0.75	-43.61	≤-19.26	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.19	1.19	---	PASS
			30~1000	1.19	-69.75	≤-18.81	PASS
			1000~26500	1.19	-54.08	≤-18.81	PASS
		2440	Reference	1.96	1.96	---	PASS
			30~1000	1.96	-69.82	≤-18.04	PASS
			1000~26500	1.96	-52.77	≤-18.04	PASS
		2480	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-70.86	≤-18.89	PASS
			1000~26500	1.12	-52.01	≤-18.89	PASS

Test Graphs

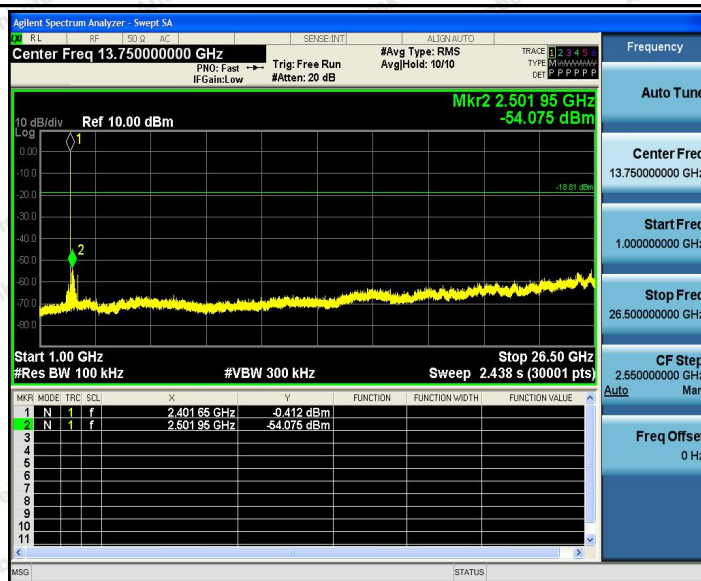


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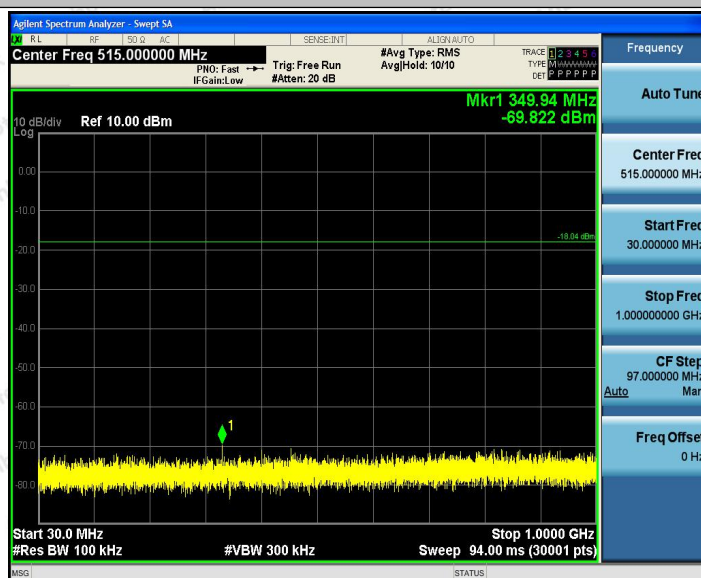
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



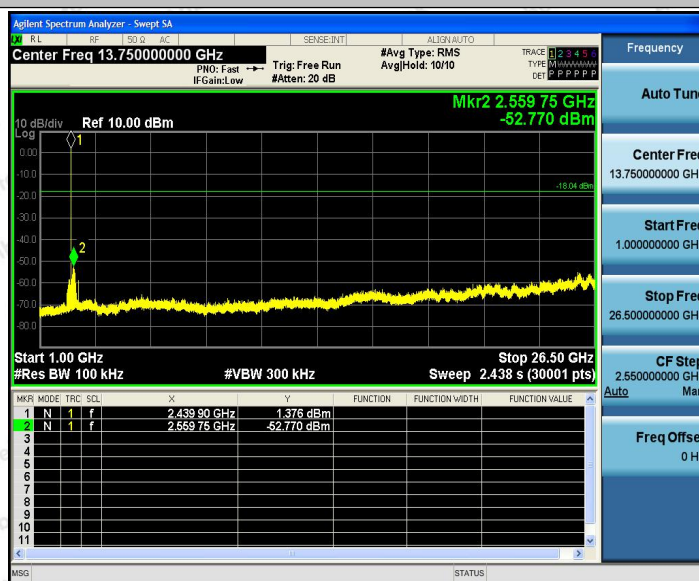
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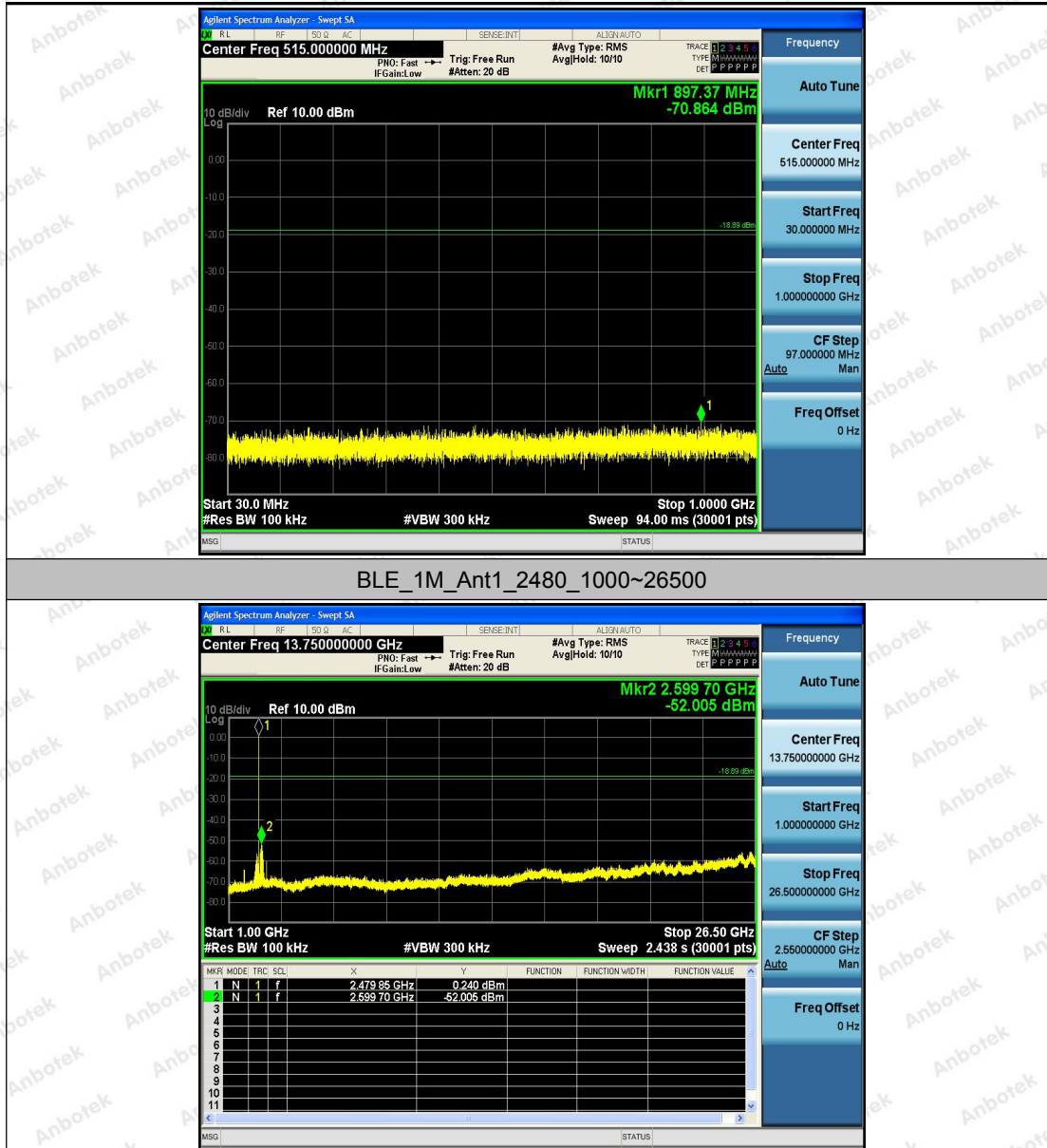
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



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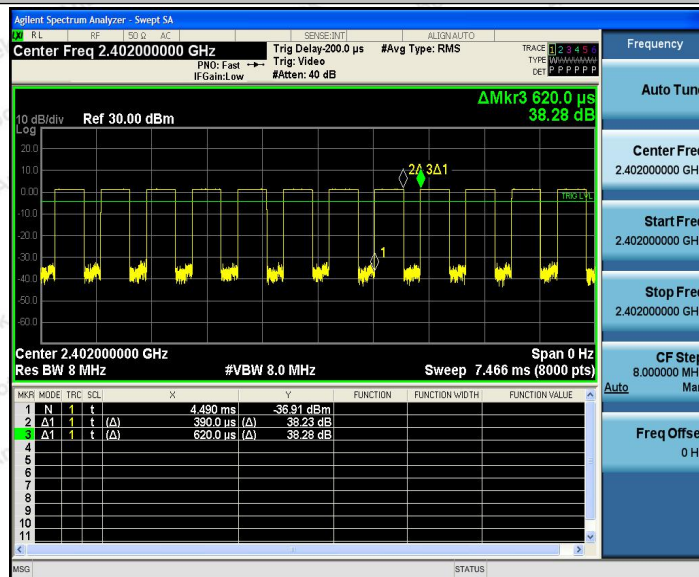
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	0.6290	62.90	2.01	---	PASS
		2440	0.39	0.61	0.6393	63.93	1.94	---	PASS
		2480	0.39	0.62	0.6290	62.90	2.01	---	PASS

Test Graphs

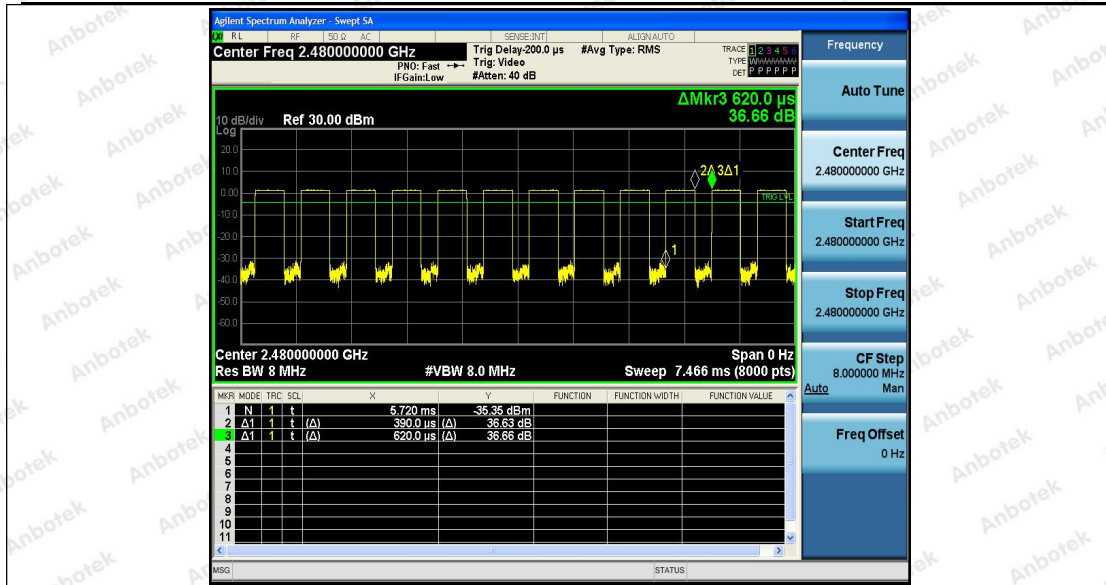
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



---End---