

Appendix Test Data

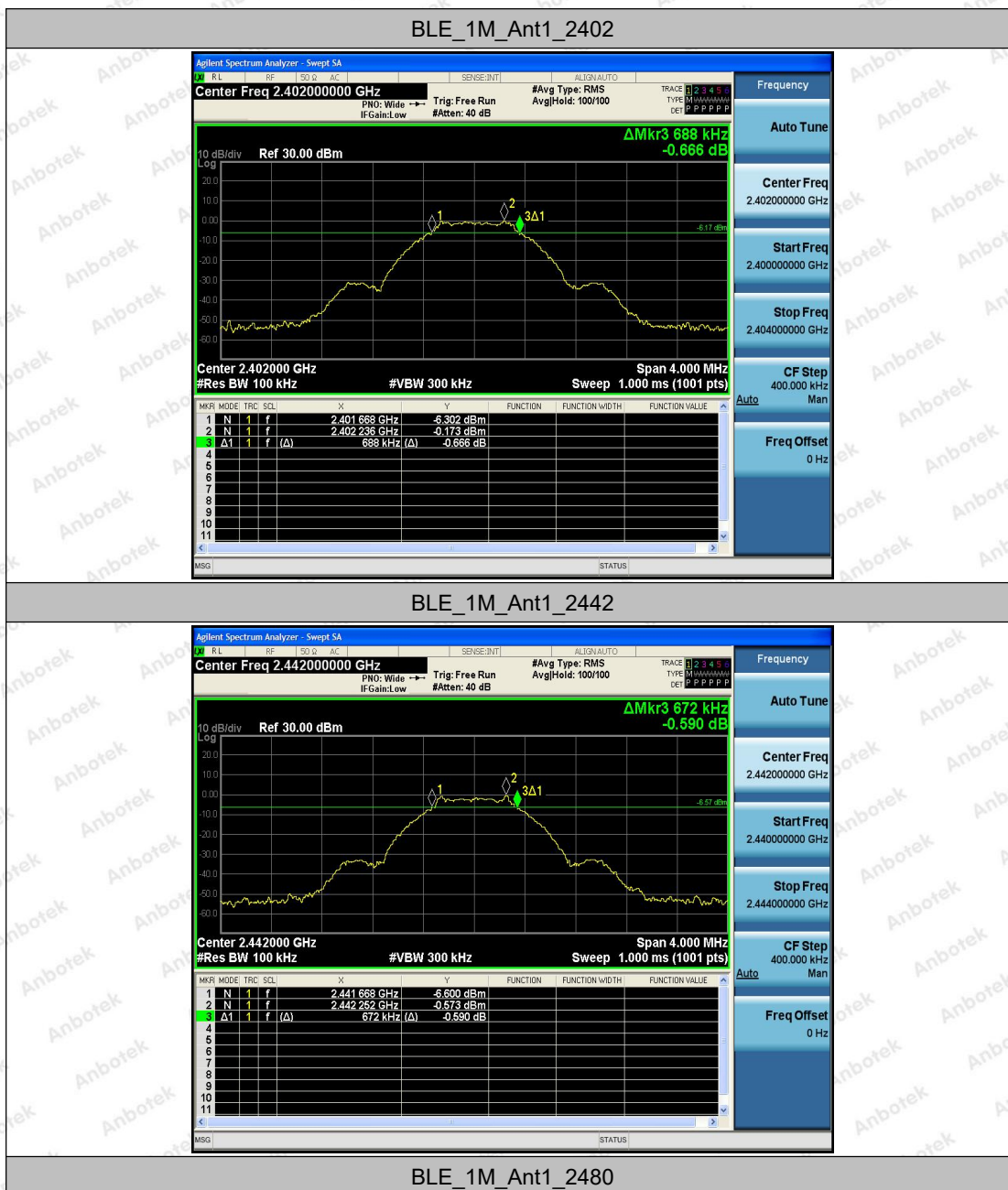
Report No.:	18220WC20068001	Test Sample No.:	1-2-2
Start Test Date:	2022.4.1	Finish Test Date:	2022.4.14
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	23.6°C	Relative Humidity:	55.9%
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.668	2402.356	≥0.5	PASS
		2442	0.672	2441.668	2442.340	≥0.5	PASS
		2480	0.704	2479.644	2480.348	≥0.5	PASS

Test Graphs



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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	1.0423	2401.484	2402.526	---	PASS
		2442	1.0230	2441.490	2442.513	---	PASS
		2480	1.0221	2479.490	2480.513	---	PASS

Test Graphs

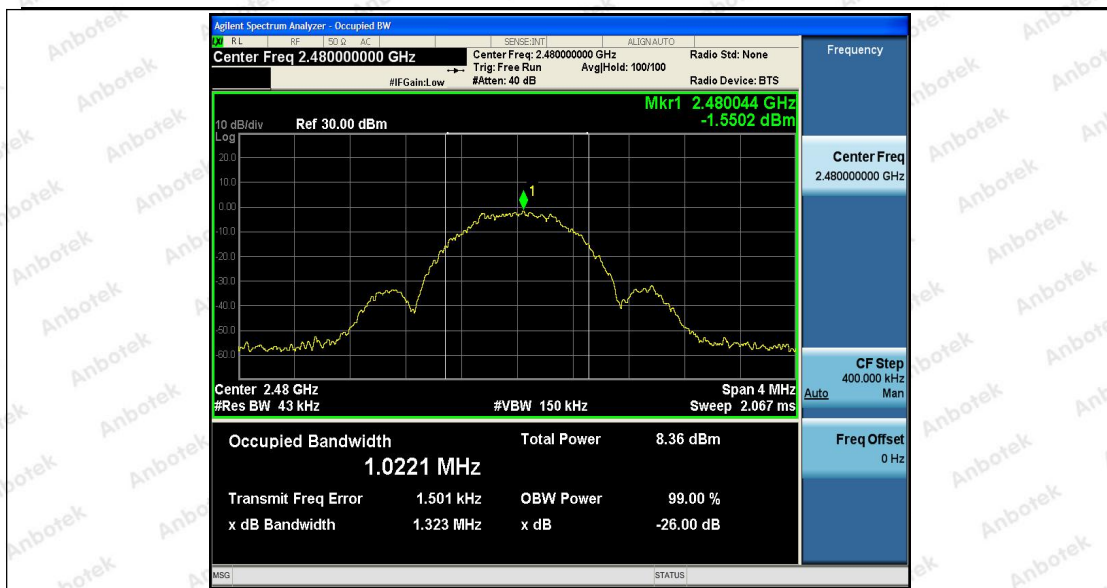


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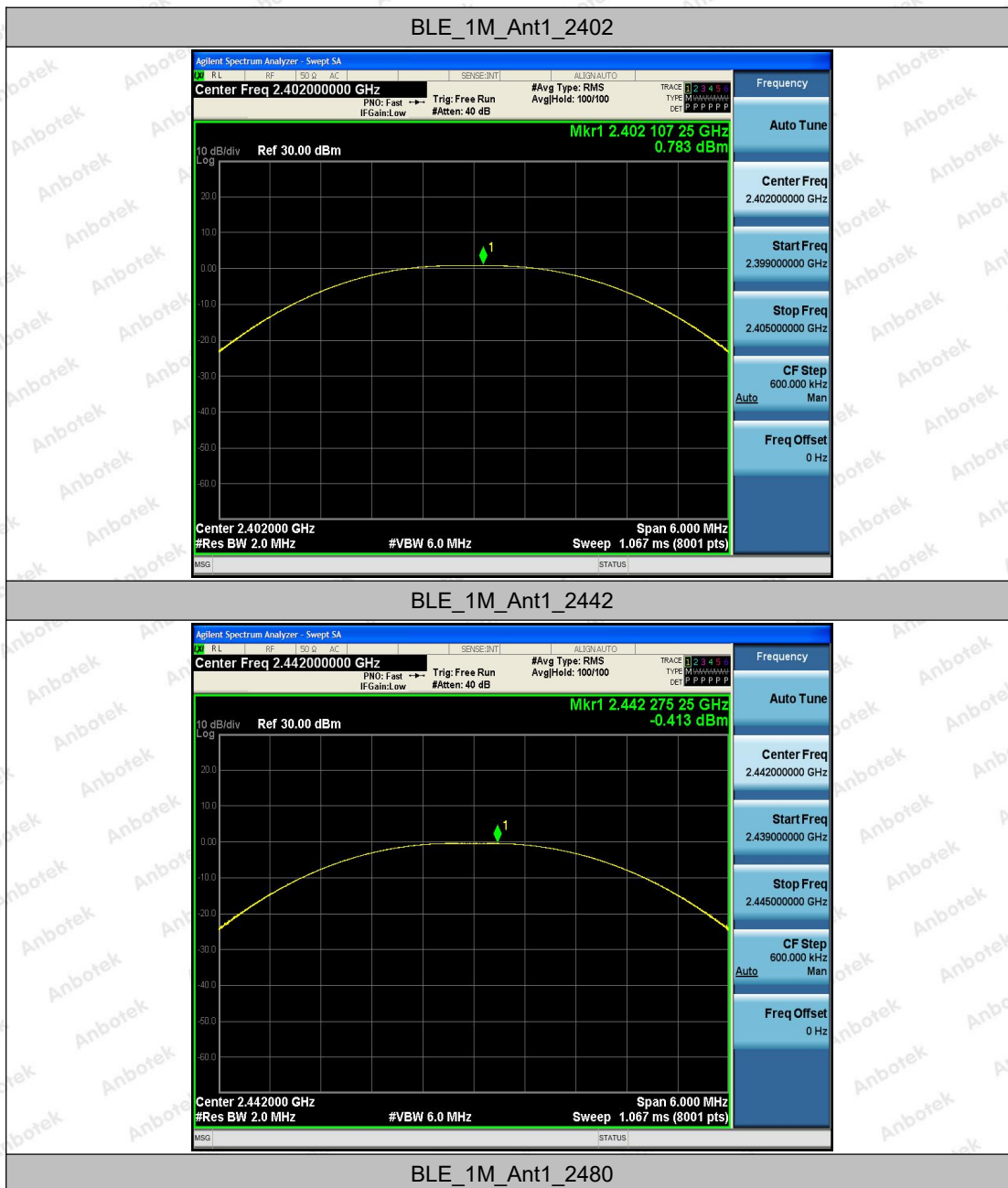
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.78	≤30	PASS
		2442	-0.41	≤30	PASS
		2480	1.09	≤30	PASS

Test Graphs

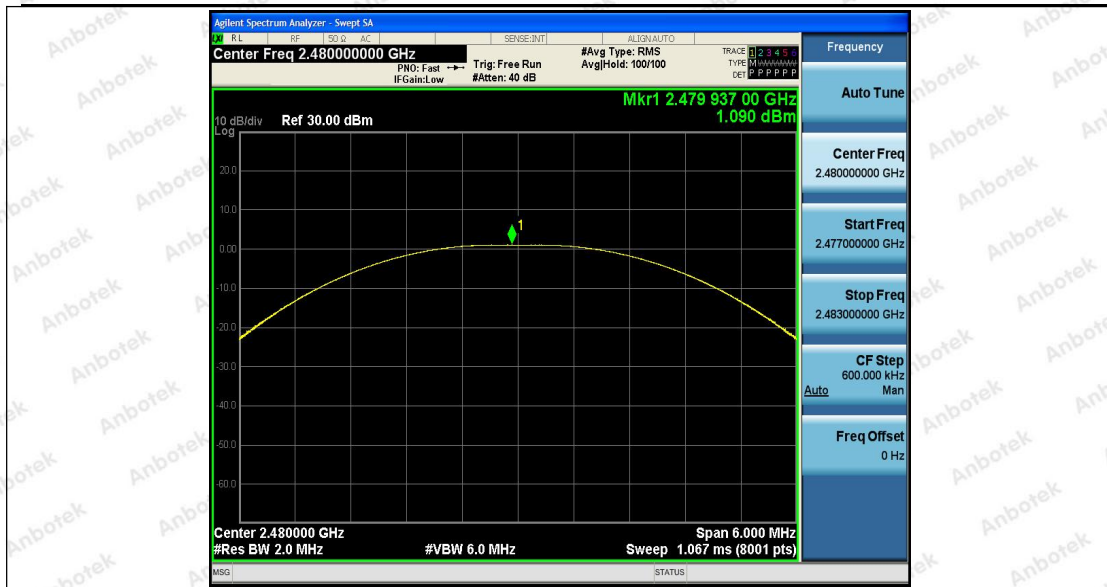


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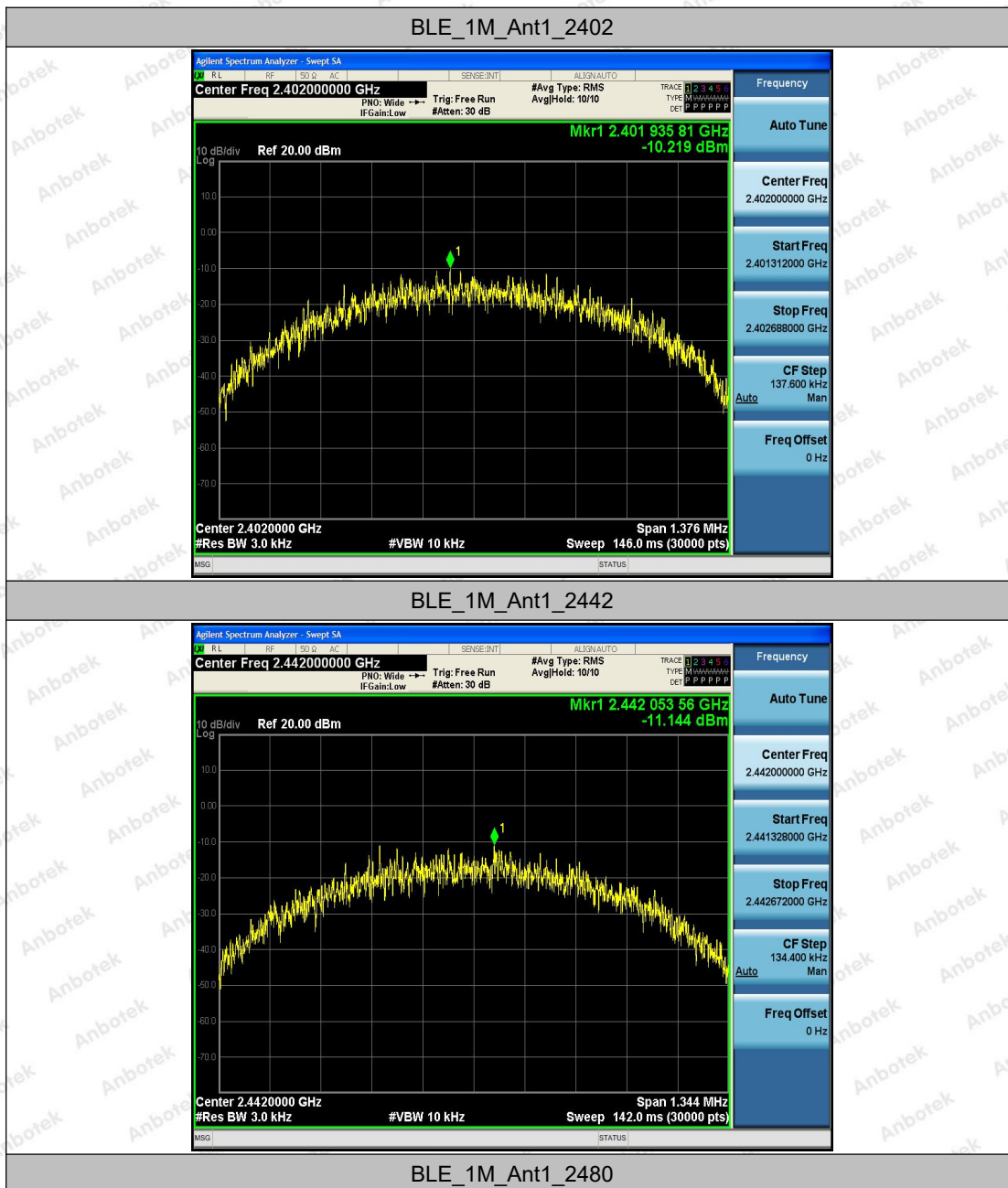
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.22	≤8	PASS
		2442	-11.14	≤8	PASS
		2480	-9.38	≤8	PASS

Test Graphs

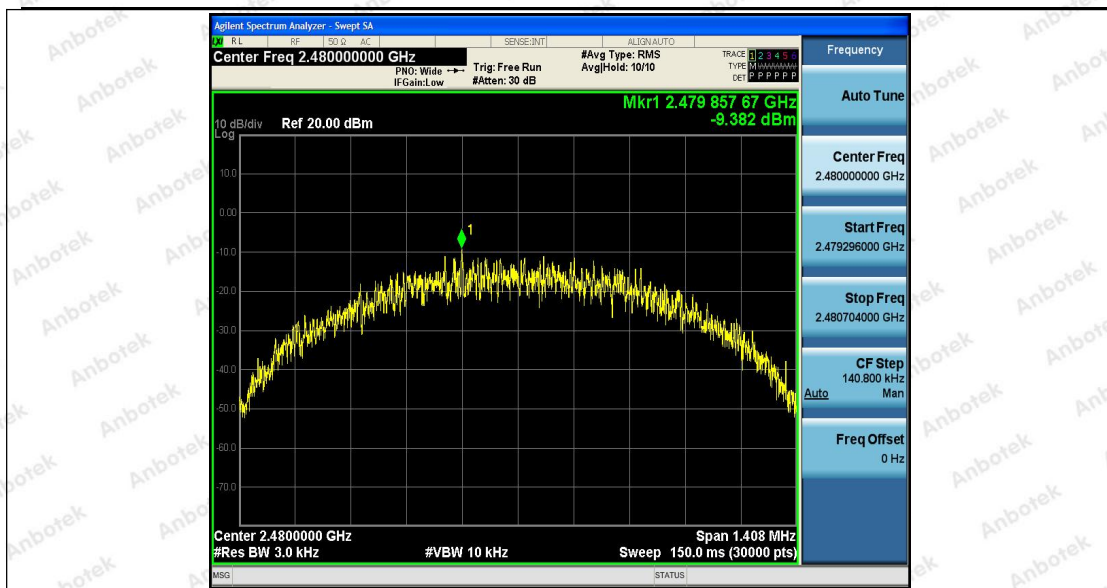


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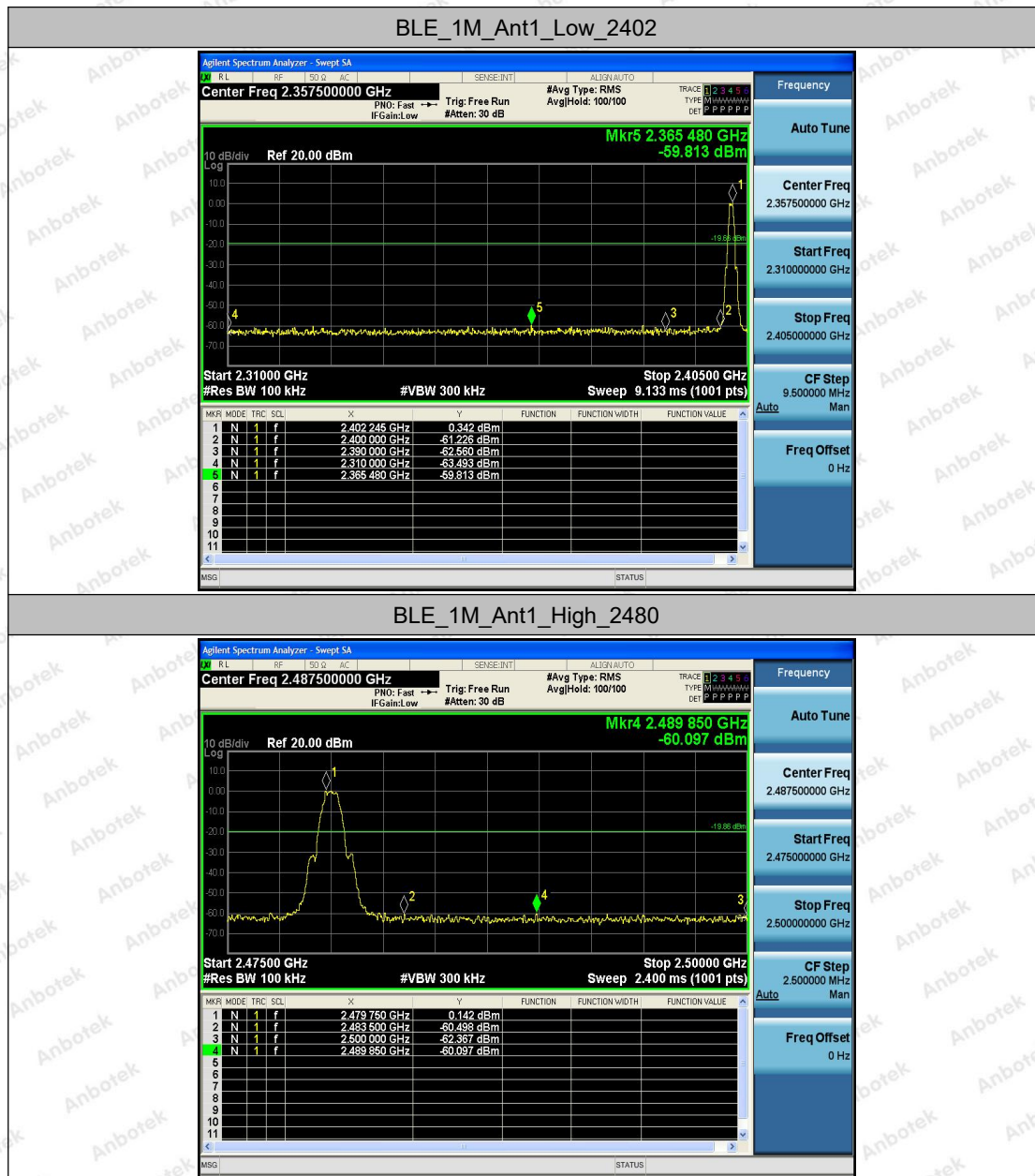
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.34	-59.81	≤-19.66	PASS
		High	2480	0.14	-60.1	≤-19.86	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

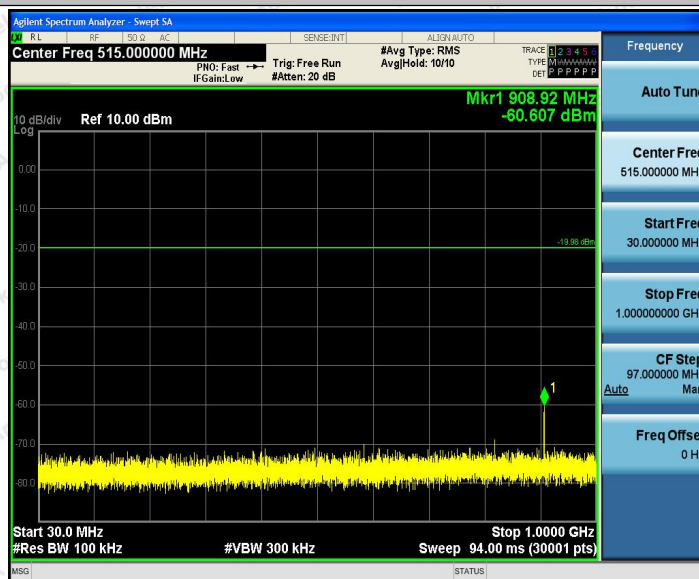
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.02	0.02	---	PASS
			30~1000	0.02	-60.61	≤-19.98	PASS
			1000~26500	0.02	-52.99	≤-19.98	PASS
		2442	Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-70.73	≤-20.93	PASS
			1000~26500	-0.93	-55.28	≤-20.93	PASS
		2480	Reference	0.41	0.41	---	PASS
			30~1000	0.41	-69.8	≤-19.59	PASS
			1000~26500	0.41	-54.39	≤-19.59	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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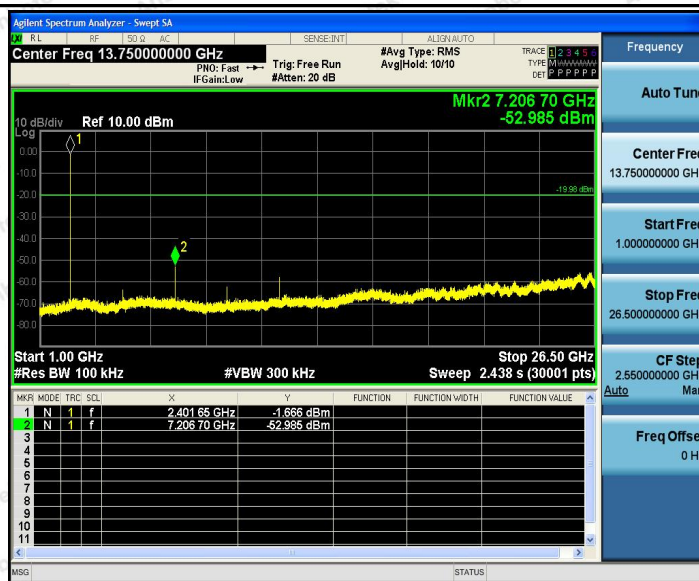
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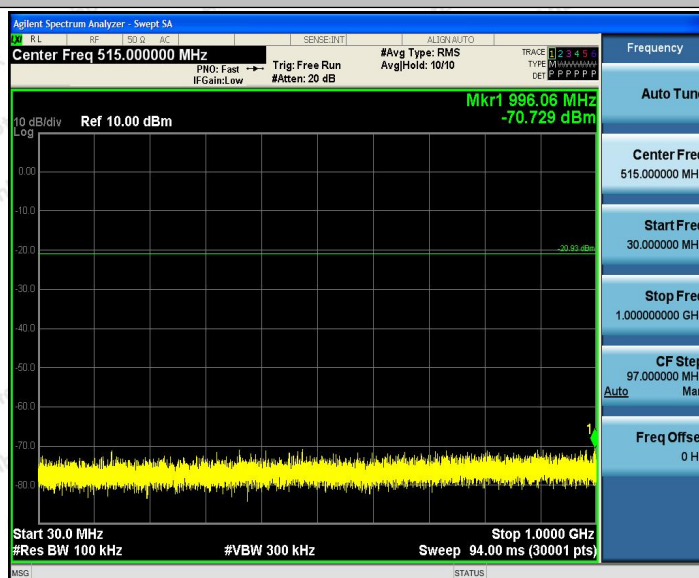
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BLE_1M_Ant1_2442_0~Reference



BLE_1M_Ant1_2442_30~1000



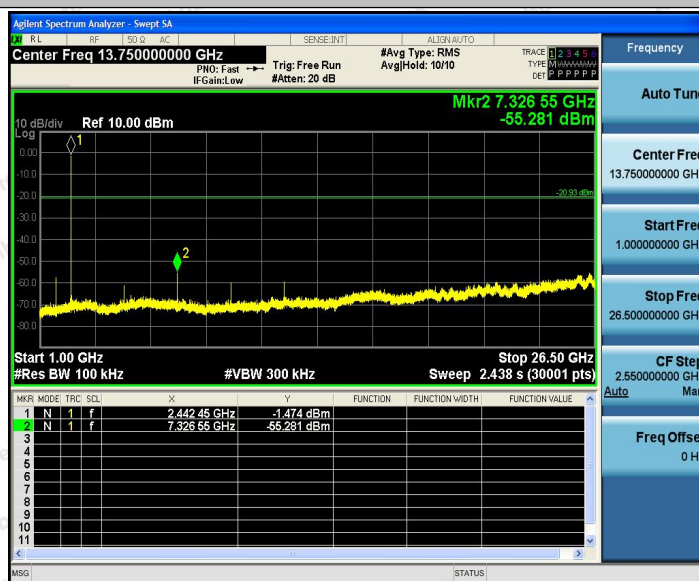
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BLE_1M_Ant1_2442_1000~26500



BLE_1M_Ant1_2480_0~Reference



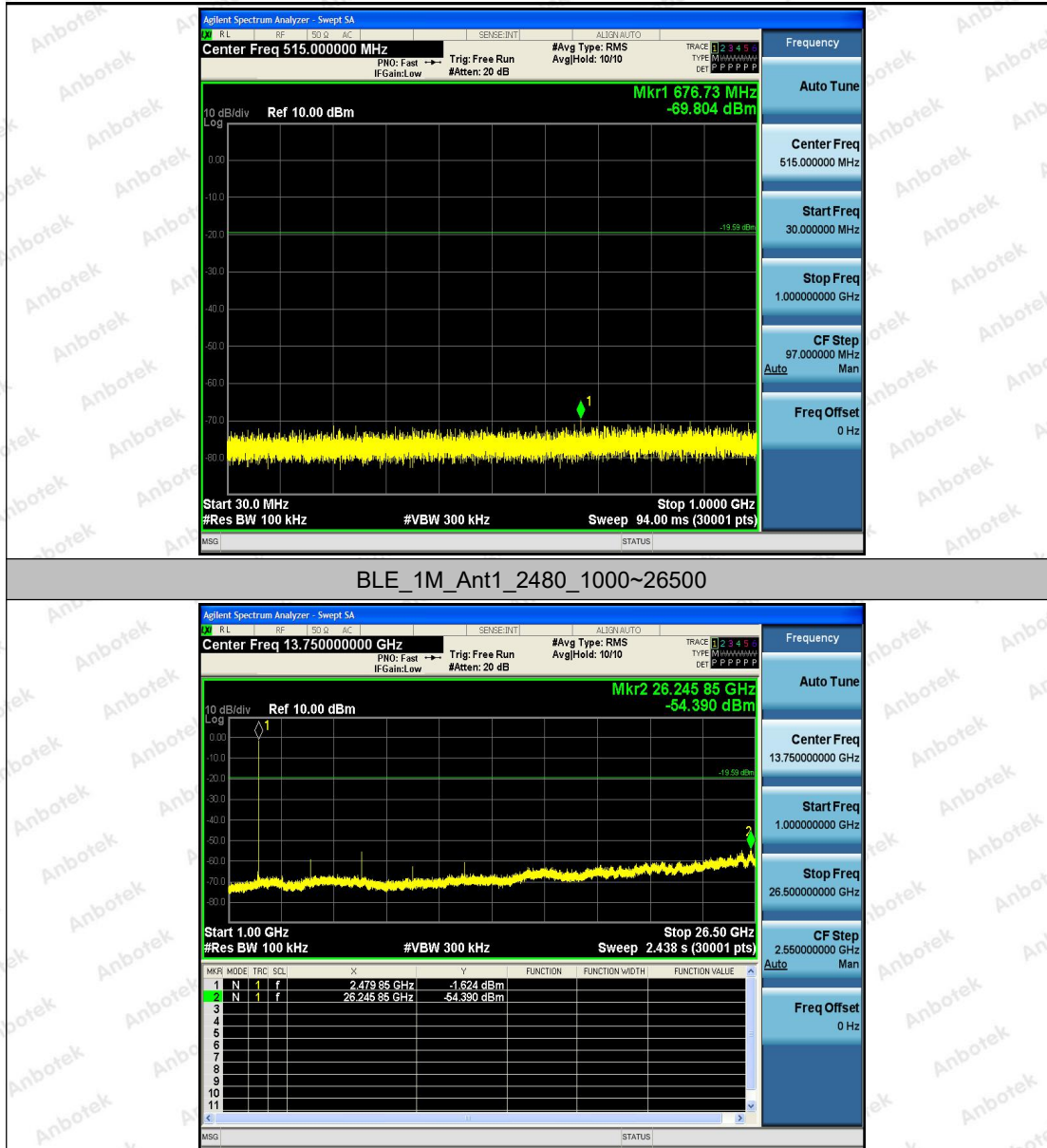
BLE_1M_Ant1_2480_30~1000

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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	7.466	7.466	1	100	0	---	PASS
		2442	7.466	7.466	1	100	0	---	PASS
		2480	7.466	7.466	1	100	0	---	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2442



BLE_1M_Ant1_2480

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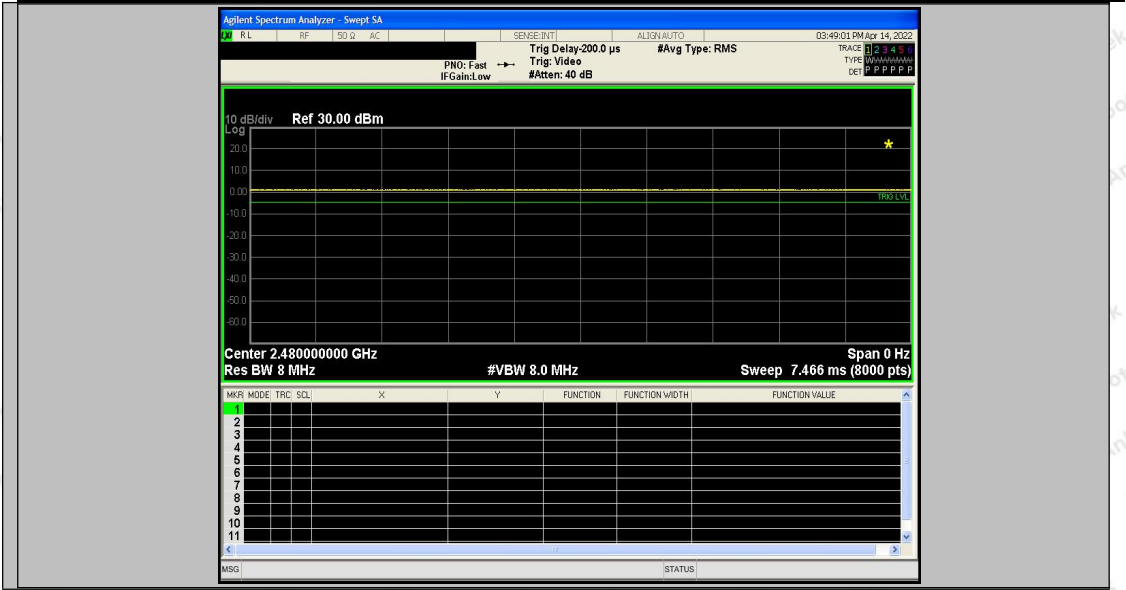
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