

Appendix Test Data

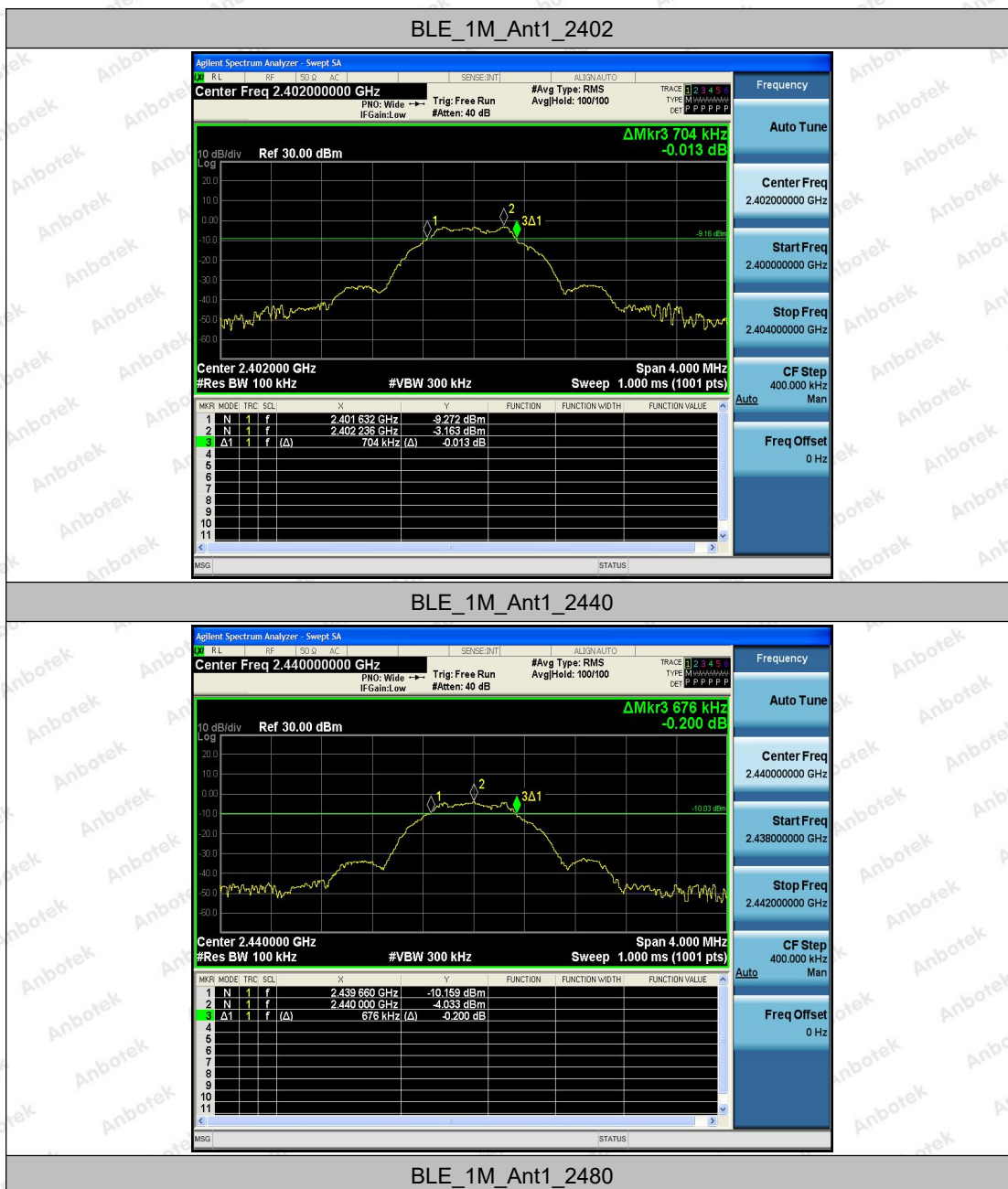
Report No.:	18220WC10261402	Test Sample No.:	1-2-2
Start Test Date:	2021.11.27	Finish Test Date:	2021.12.1
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	1012 hPa		

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	2401.632	2402.336	≥0.5	PASS
		2440	0.676	2439.660	2440.336	≥0.5	PASS
		2480	0.692	2479.652	2480.344	≥0.5	PASS

Test Graphs



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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	1.0300	2401.495	2402.525	---	PASS
		2440	1.0264	2439.494	2440.521	---	PASS
		2480	1.0215	2479.490	2480.512	---	PASS

Test Graphs



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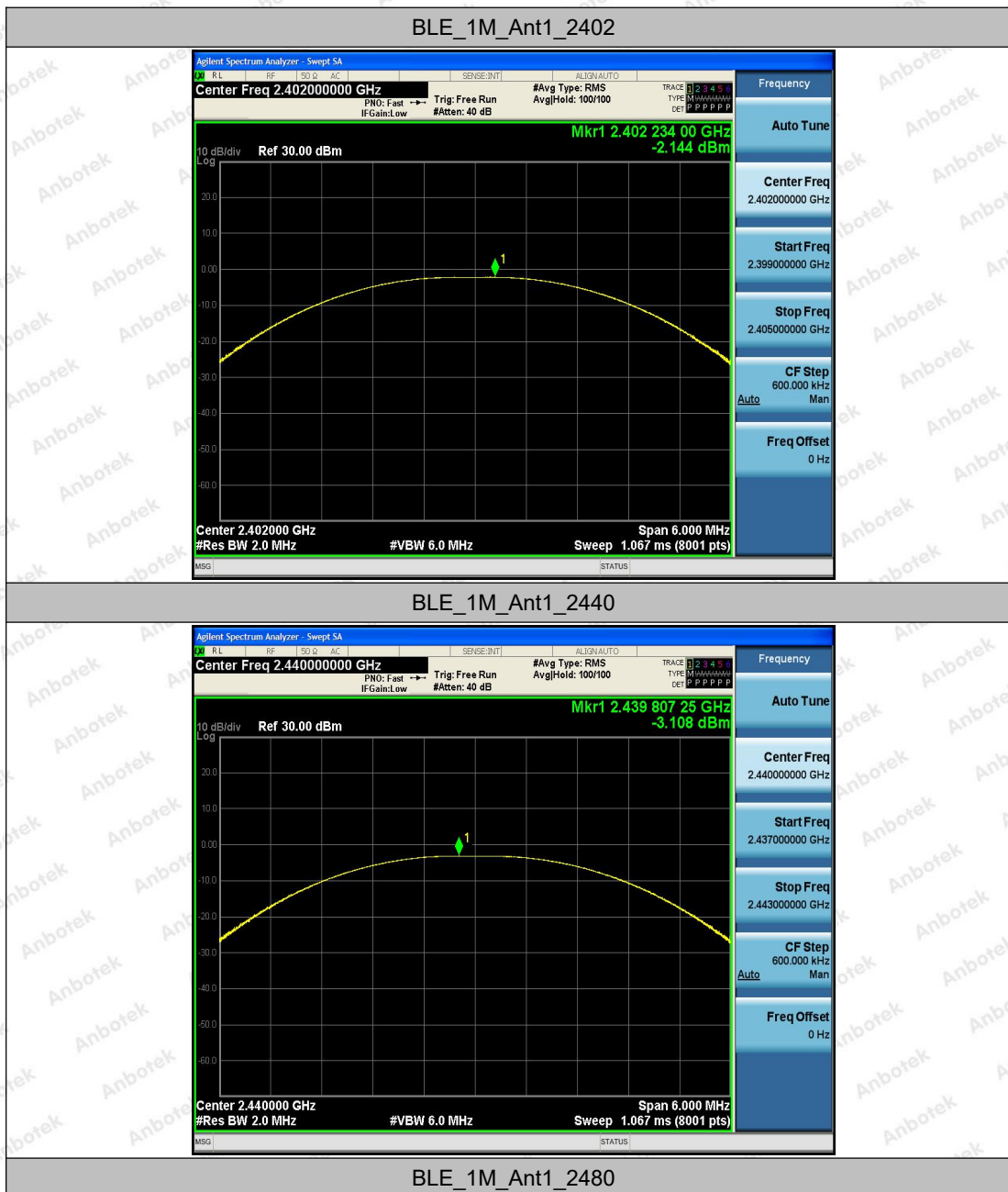
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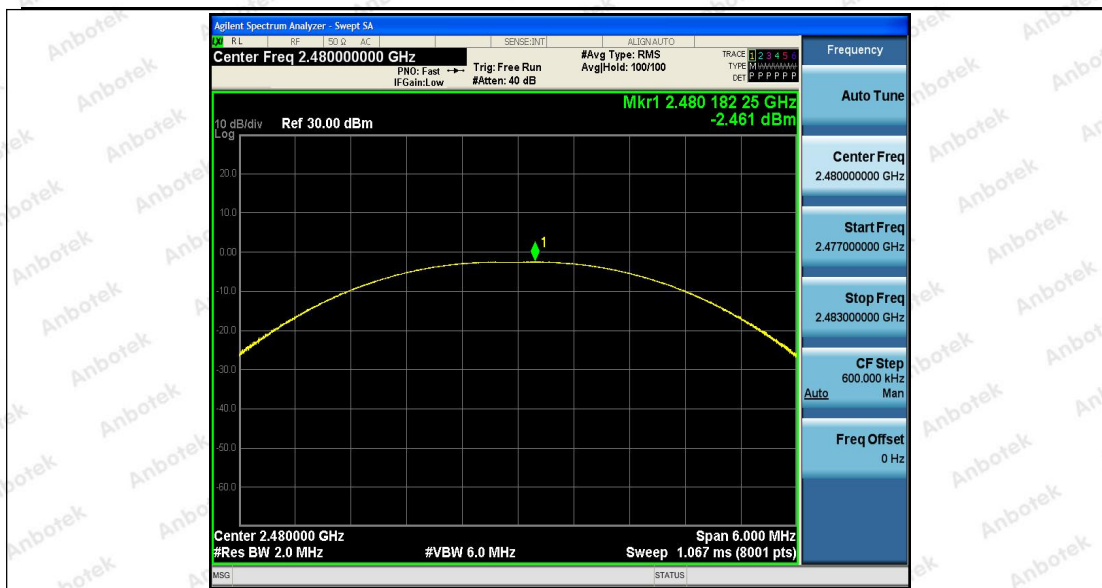
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.14	≤30	PASS
		2440	-3.11	≤30	PASS
		2480	-2.46	≤30	PASS

Test Graphs





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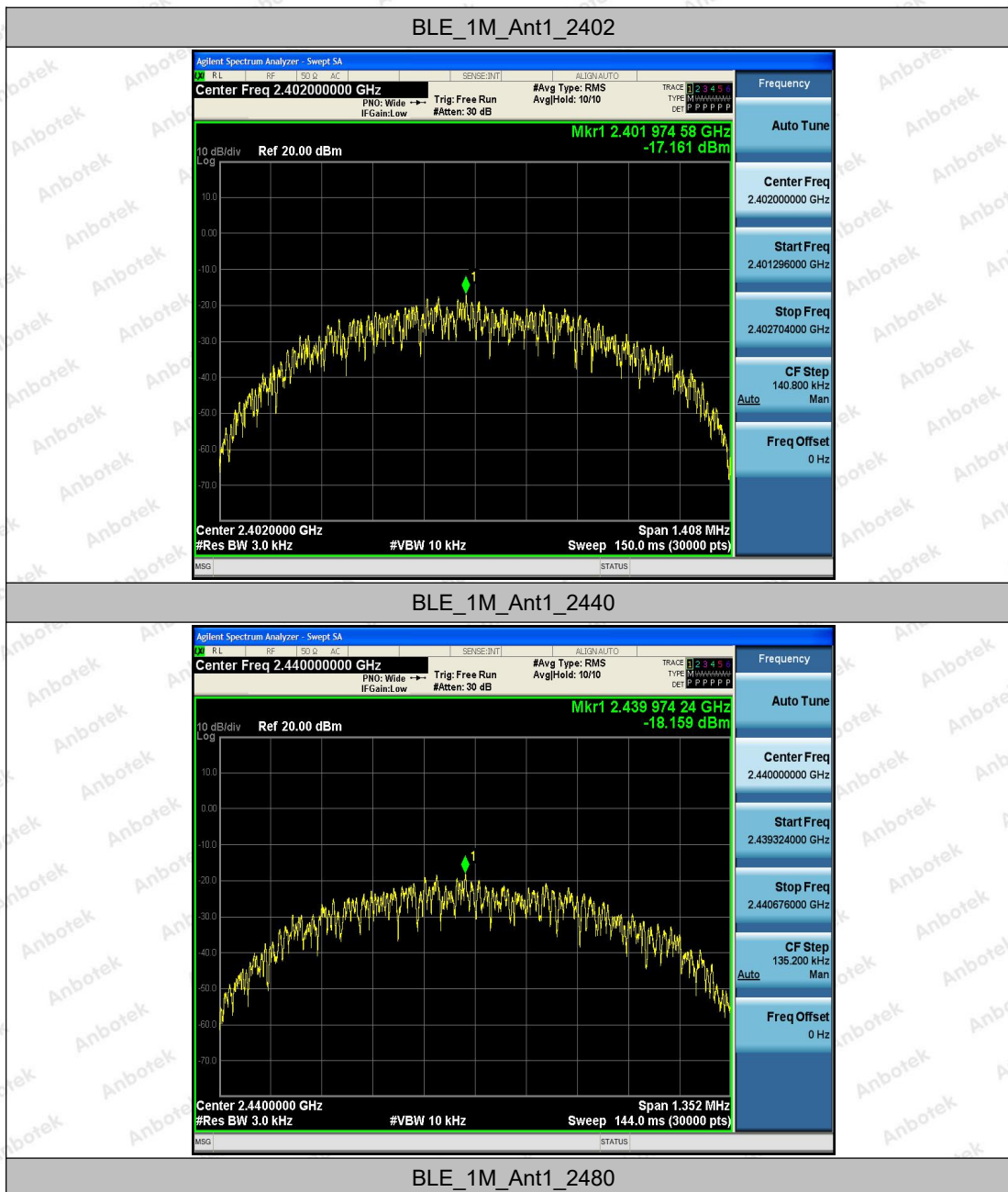
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.16	≤8	PASS
		2440	-18.16	≤8	PASS
		2480	-17.56	≤8	PASS

Test Graphs

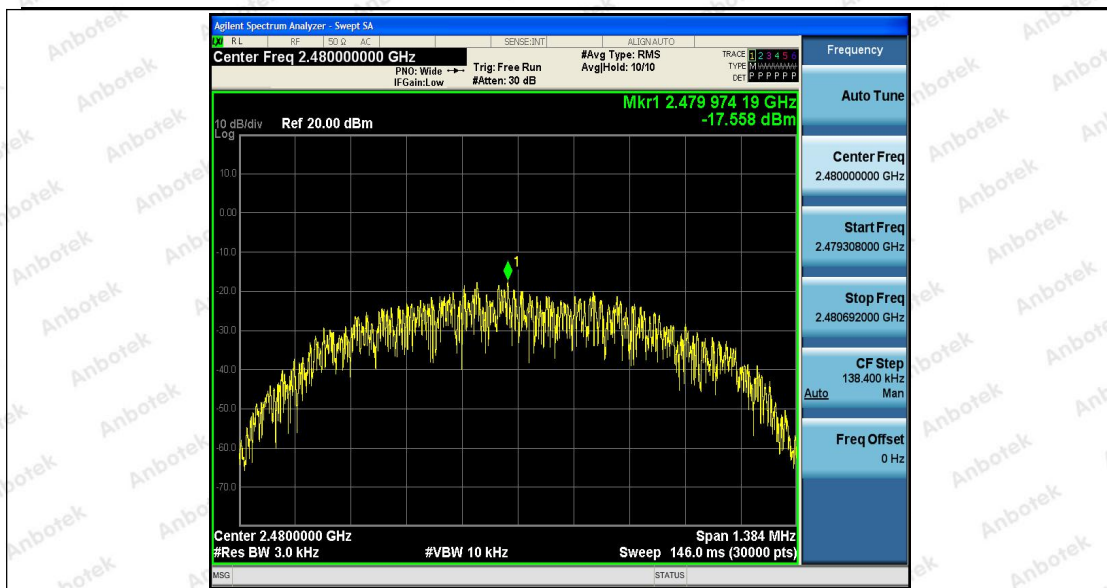


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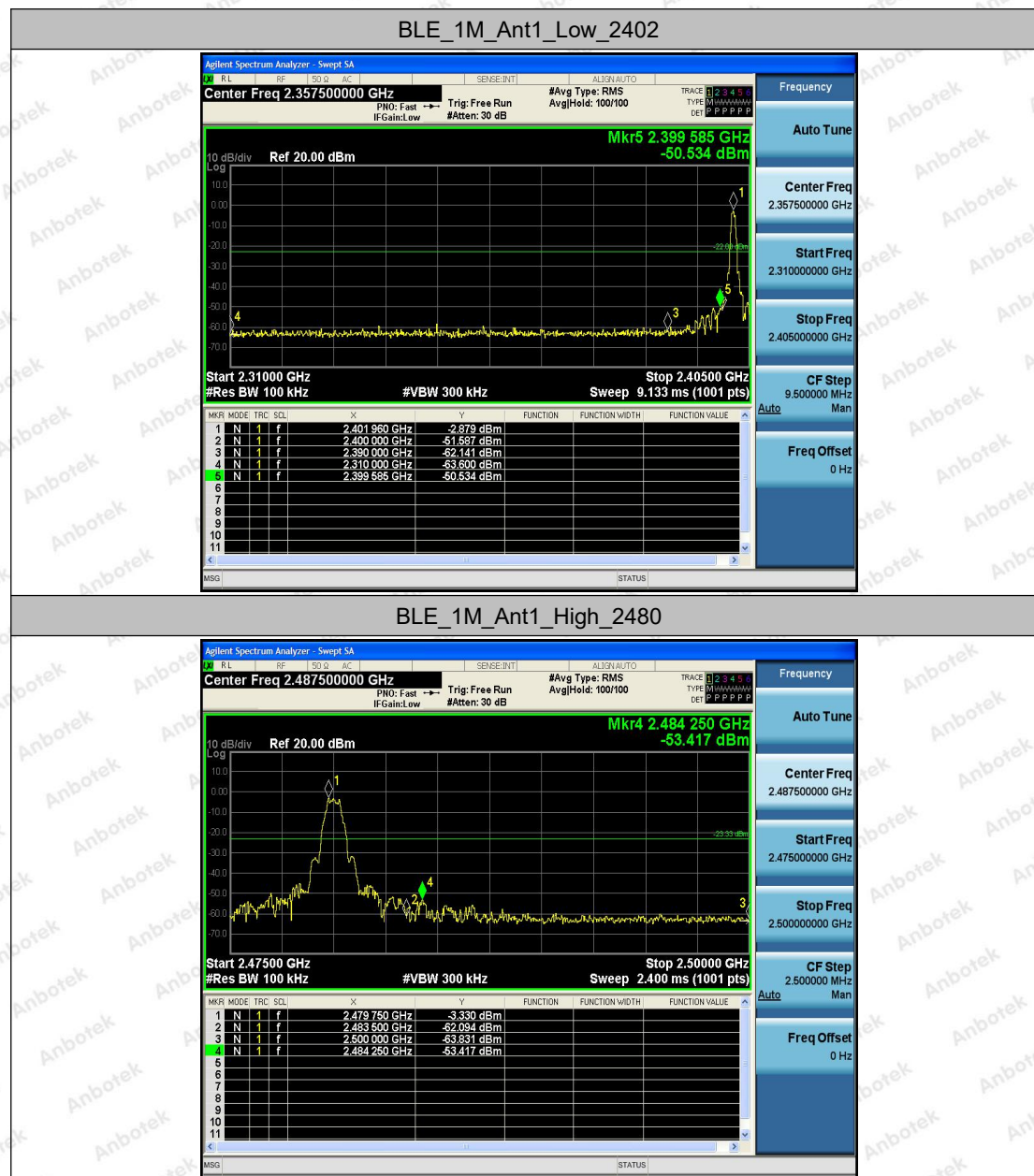
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.88	-50.53	≤ -22.88	PASS
		High	2480	-3.33	-53.42	≤ -23.33	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

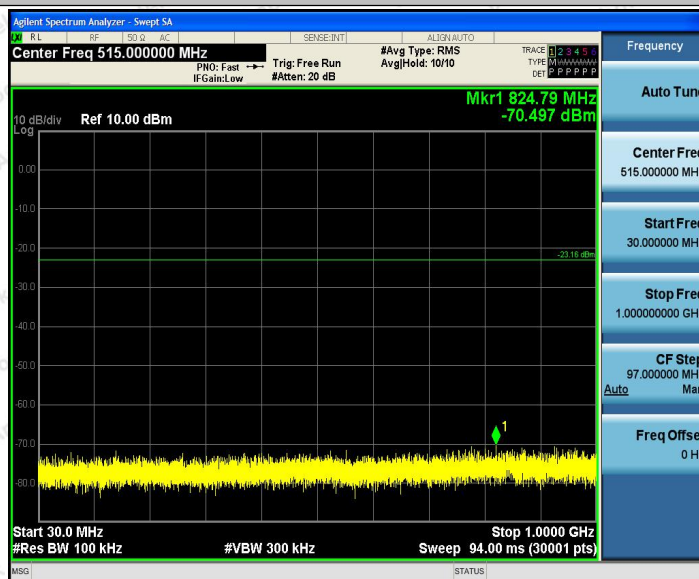
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.16	-3.16	---	PASS
			30~1000	-3.16	-70.5	≤-23.16	PASS
			1000~265 00	-3.16	-45.07	≤-23.16	PASS
		2440	Reference	-4.14	-4.14	---	PASS
			30~1000	-4.14	-69.86	≤-24.14	PASS
			1000~265 00	-4.14	-45.83	≤-24.14	PASS
		2480	Reference	-3.47	-3.47	---	PASS
			30~1000	-3.47	-65.93	≤-23.47	PASS
			1000~265 00	-3.47	-51.39	≤-23.47	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



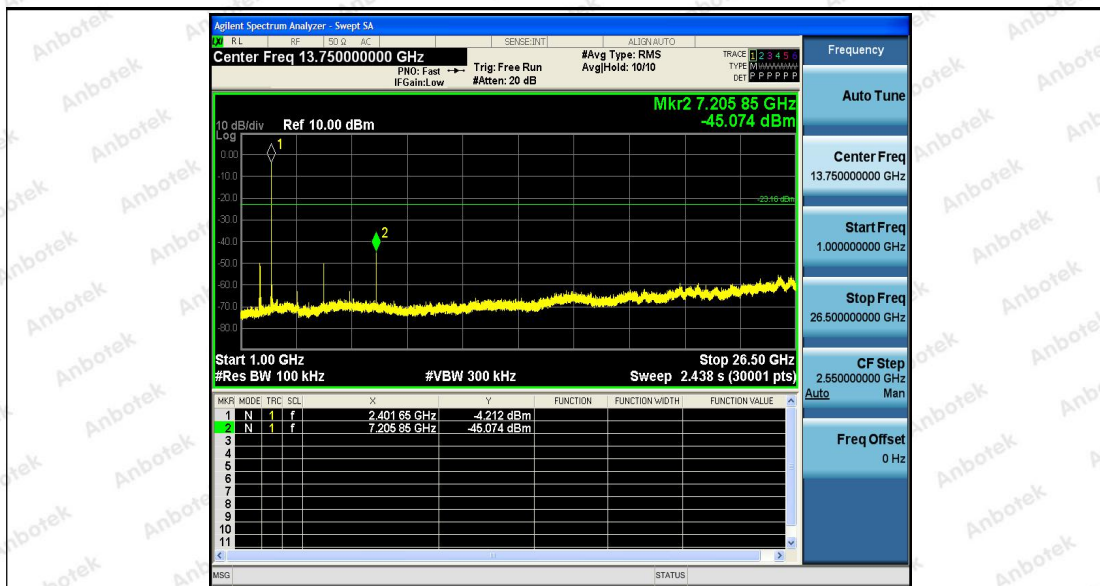
BLE_1M_Ant1_2402_1000~26500

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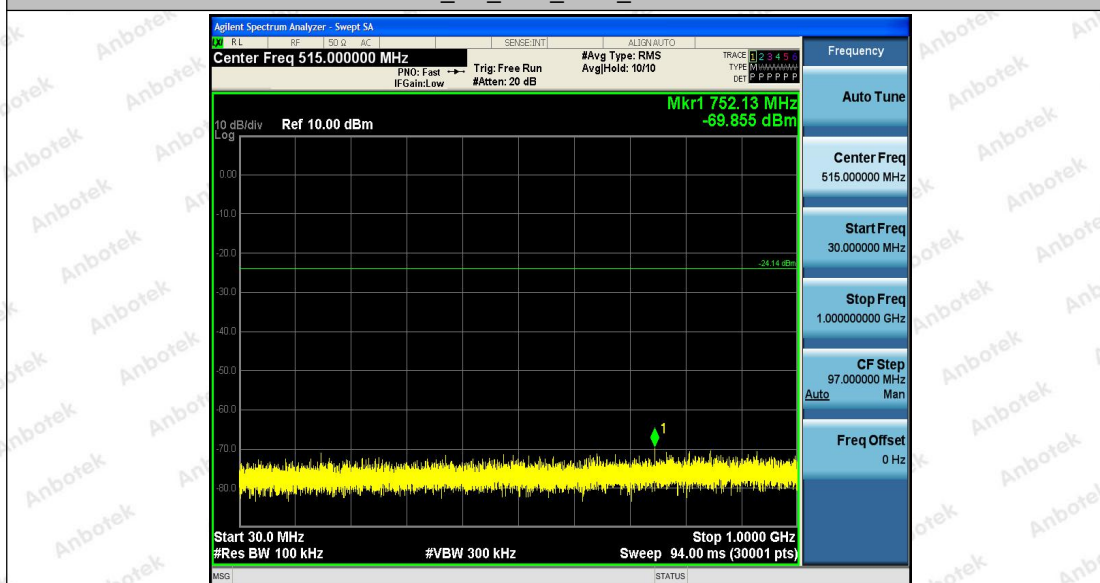
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



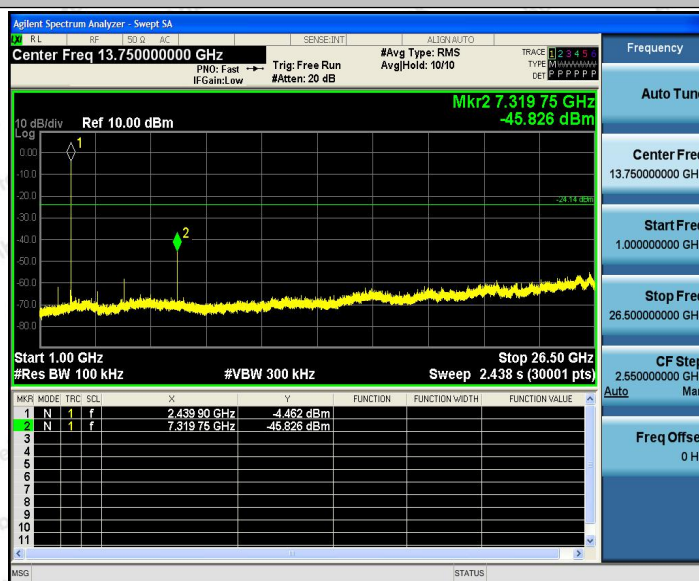
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



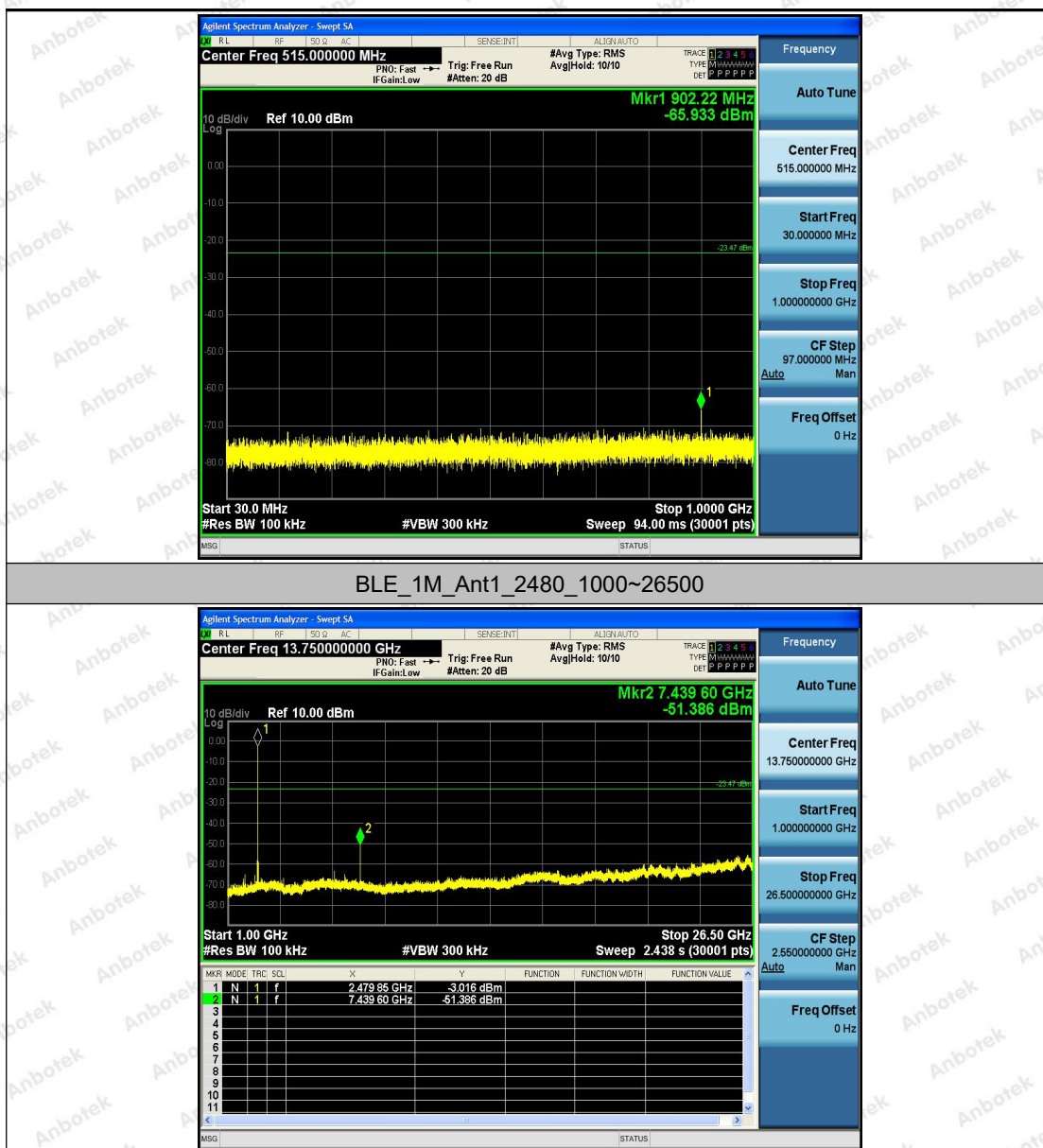
BLE_1M_Ant1_2480_30~1000

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Appendix G: Duty Cycle

Test Result

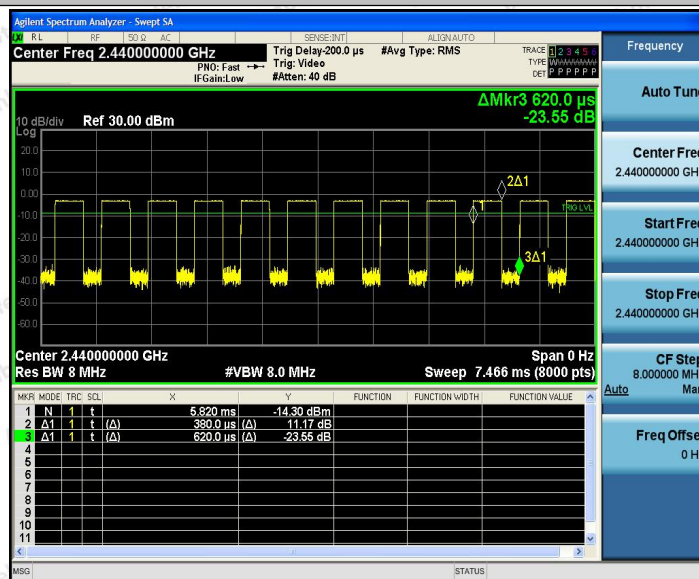
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2440	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2480	0.39	0.63	0.619 0	61.90	2.08	---	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

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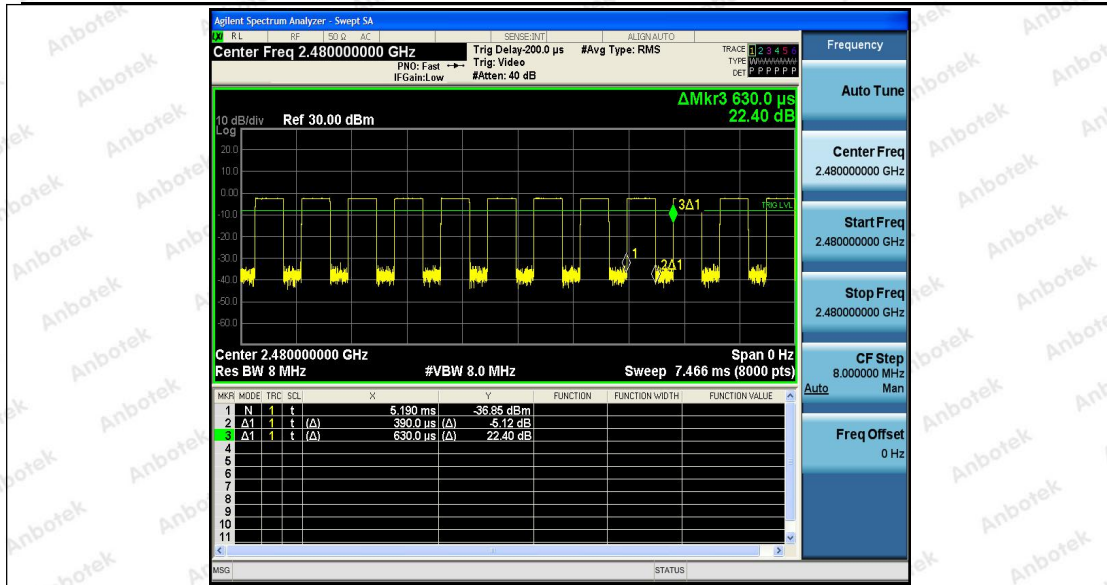
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