

Appendix Test Data

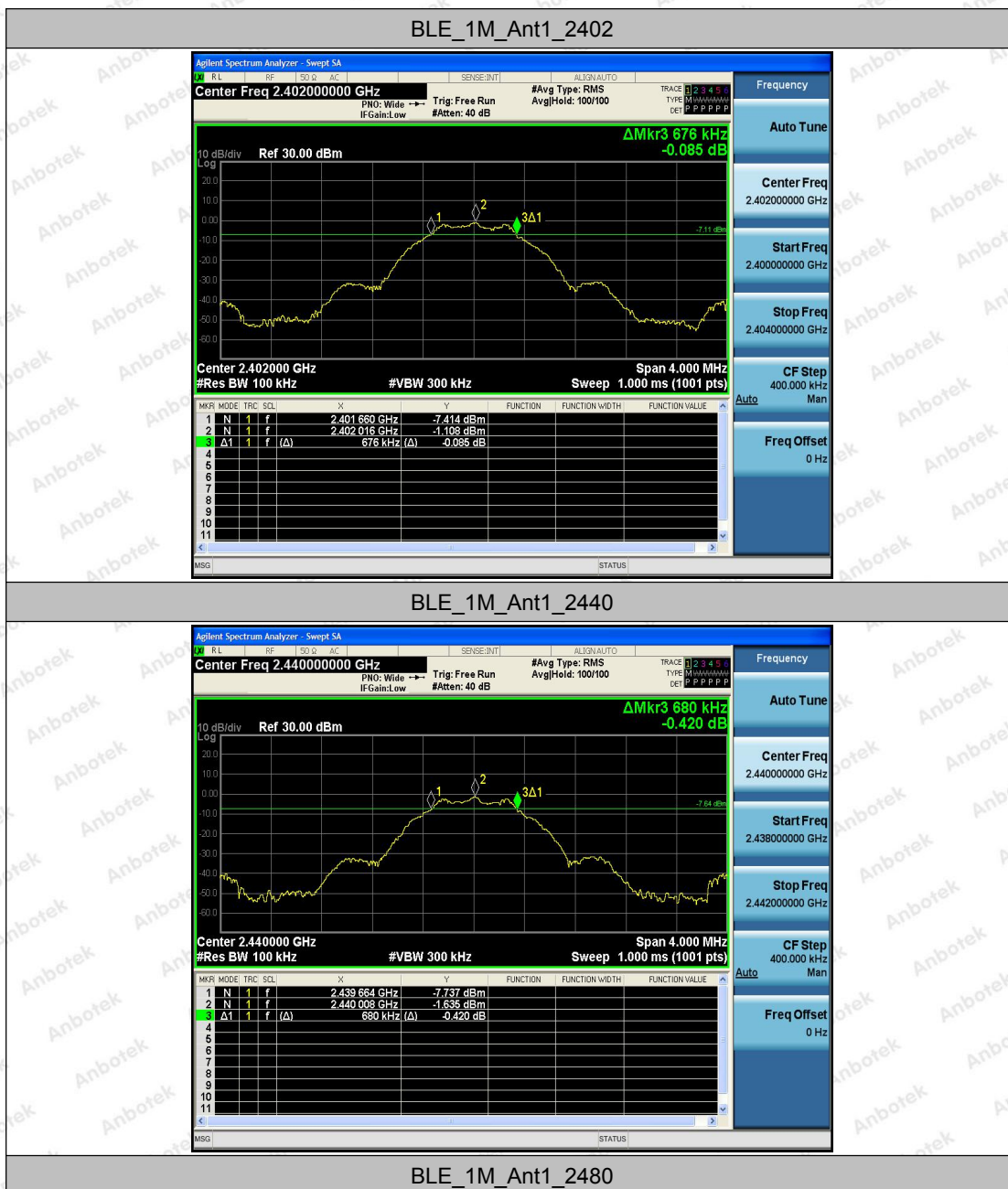
Report No.:	18220WC10181601	Test Date:	2021.8.13
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	56%
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.660	2402.336	≥0.5	PASS
		2440	0.680	2439.664	2440.344	≥0.5	PASS
		2480	0.656	2479.680	2480.336	≥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	1.0443	2401.495	2402.539	---	PASS
		2440	1.0468	2439.493	2440.539	---	PASS
		2480	1.0471	2479.494	2480.541	---	PASS

Test Graphs

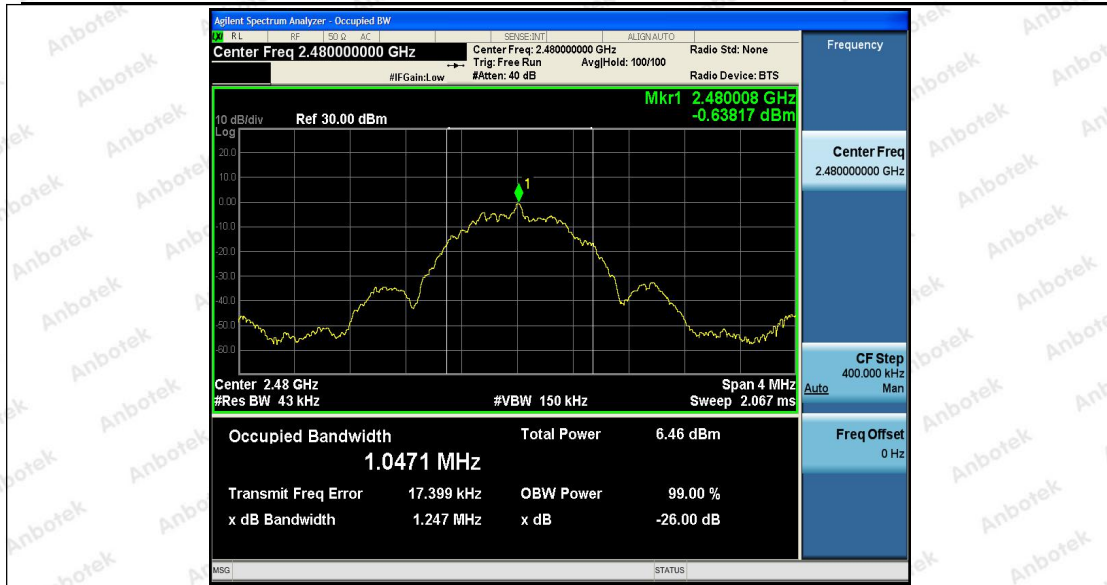


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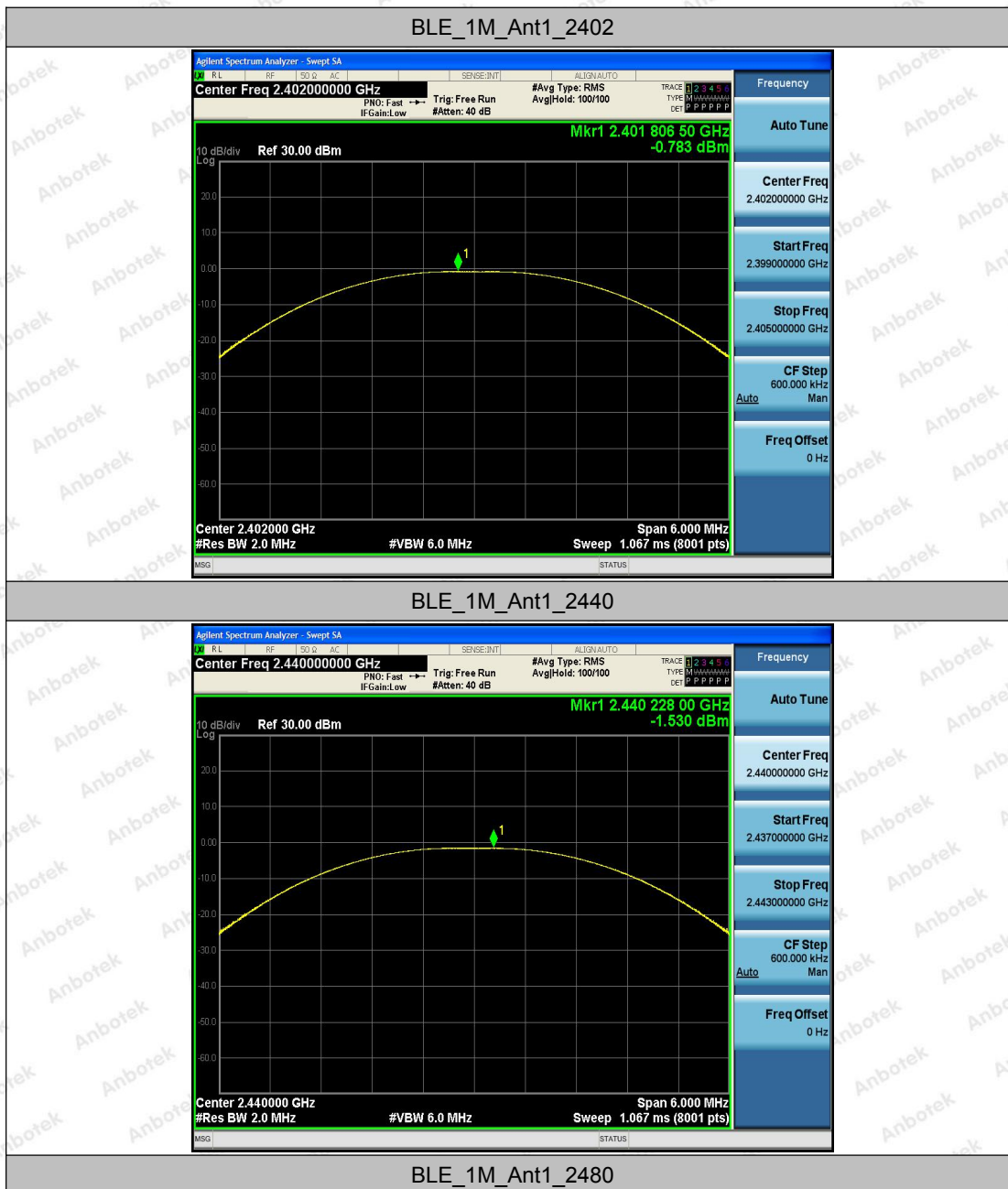
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.78	≤30	PASS
		2440	-1.53	≤30	PASS
		2480	-0.51	≤30	PASS

Test Graphs

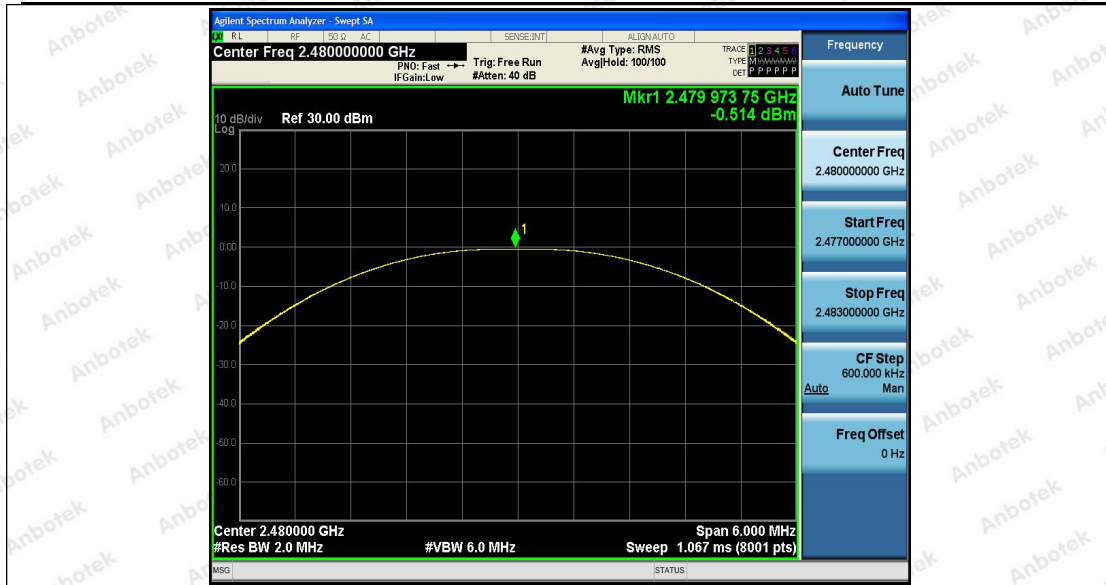


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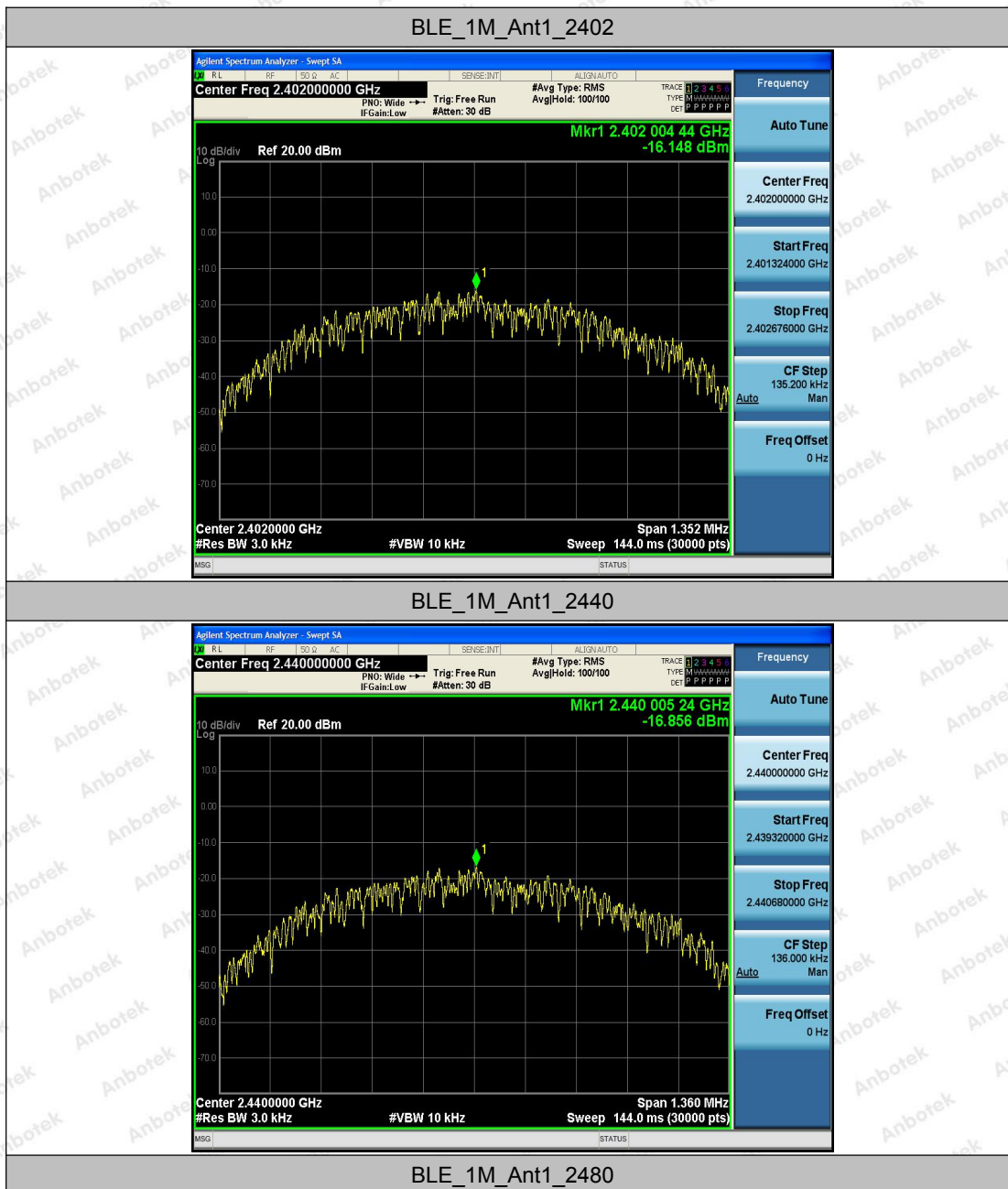
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.15	≤8	PASS
		2440	-16.86	≤8	PASS
		2480	-15.88	≤8	PASS

Test Graphs

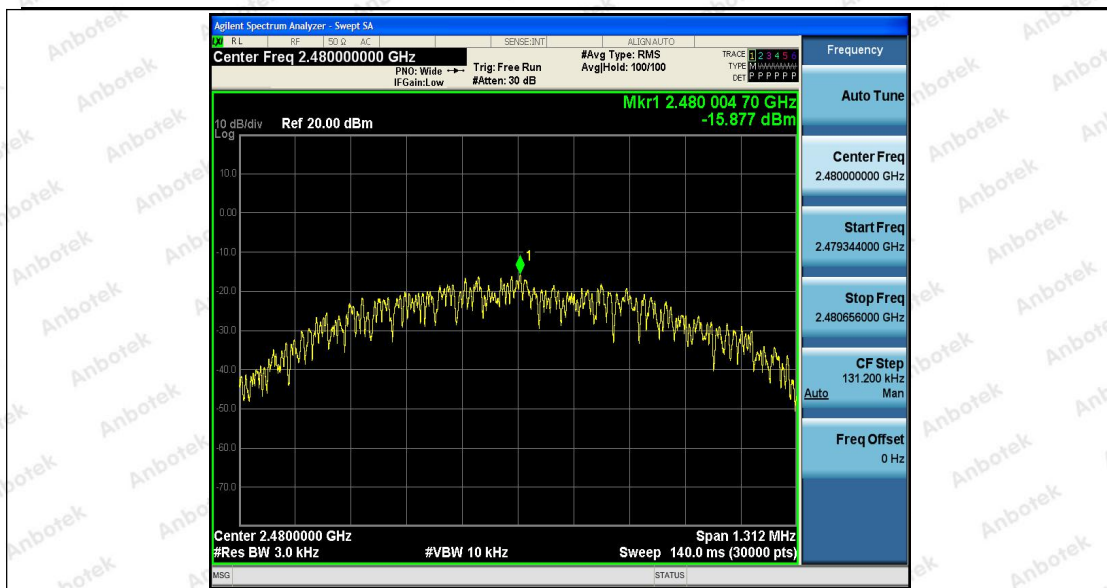


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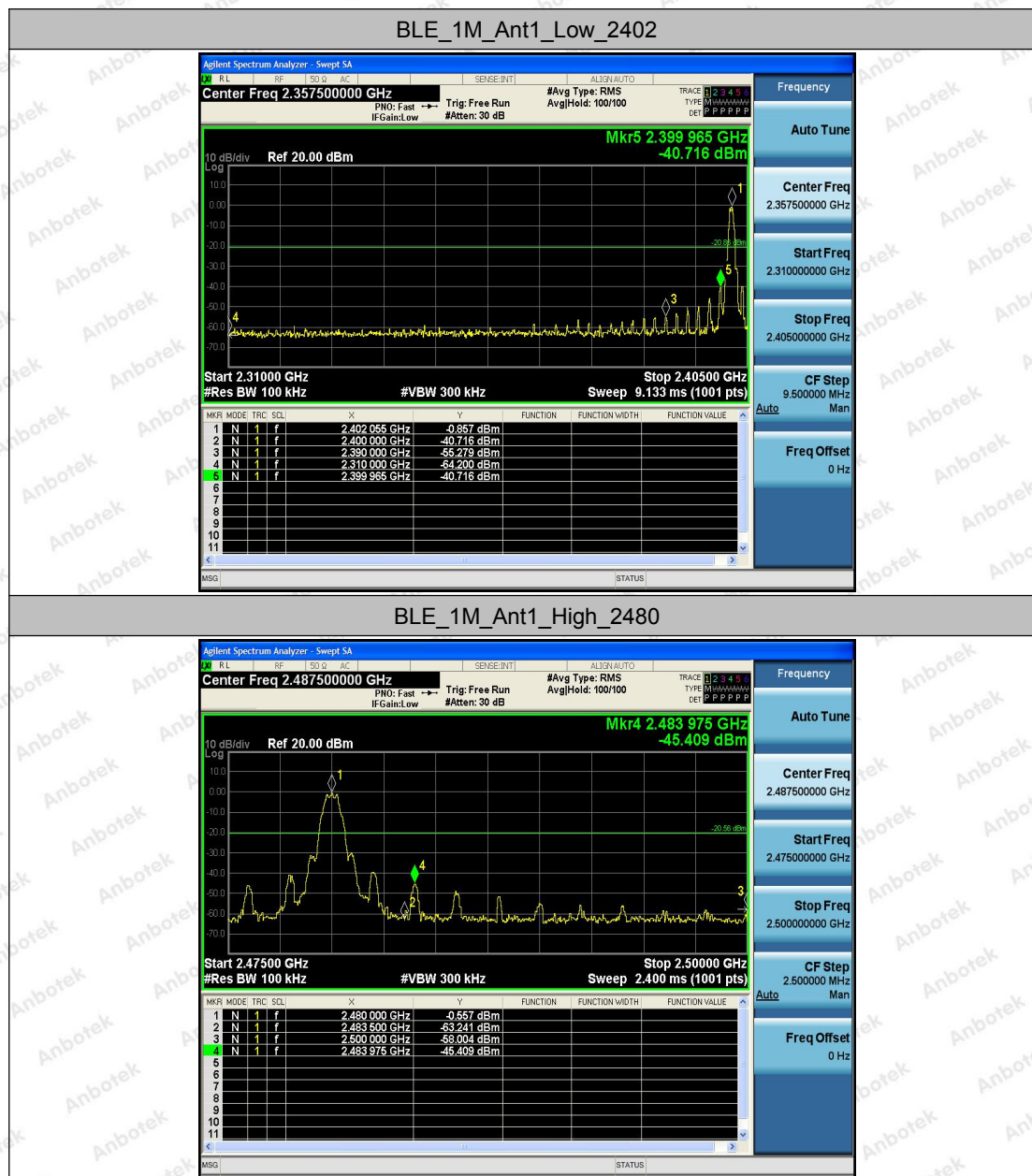
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.86	-40.72	≤-20.86	PASS
		High	2480	-0.56	-45.41	≤-20.56	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

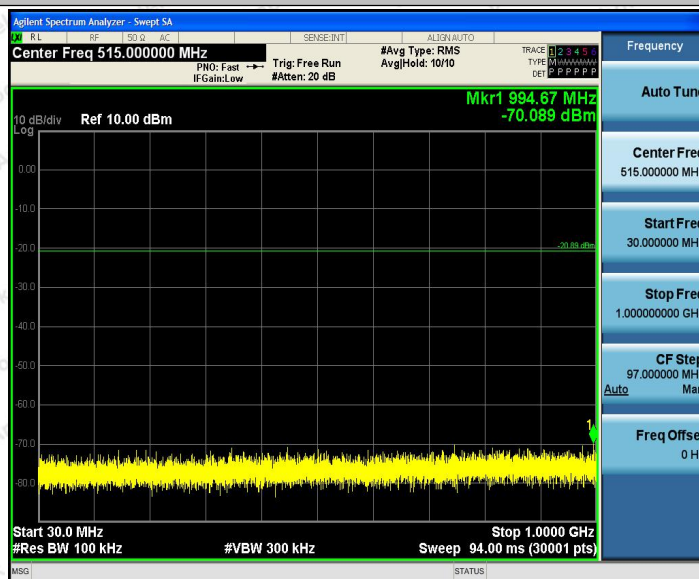
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.89	-0.89	---	PASS
			30~1000	-0.89	-70.09	≤ -20.89	PASS
			1000~26500	-0.89	-55.4	≤ -20.89	PASS
		2440	Reference	-1.66	-1.66	---	PASS
			30~1000	-1.66	-70.35	≤ -21.66	PASS
			1000~26500	-1.66	-53.71	≤ -21.66	PASS
		2480	Reference	-0.62	-0.62	---	PASS
			30~1000	-0.62	-70.45	≤ -20.62	PASS
			1000~26500	-0.62	-55.31	≤ -20.62	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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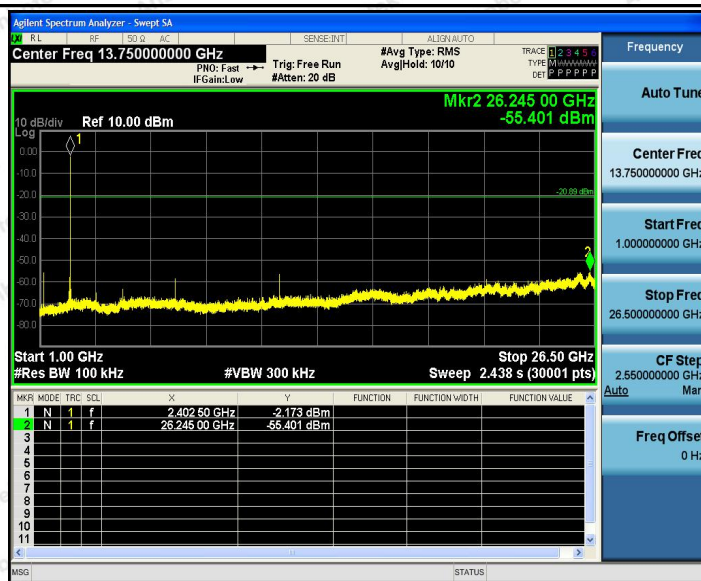
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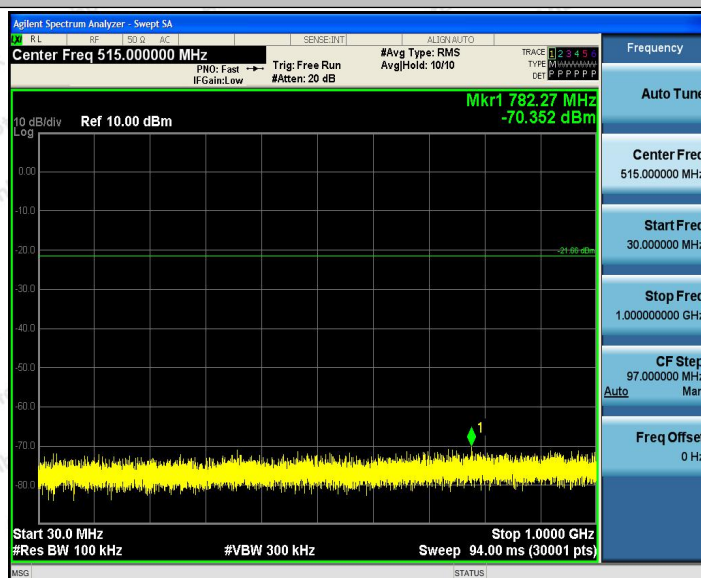
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



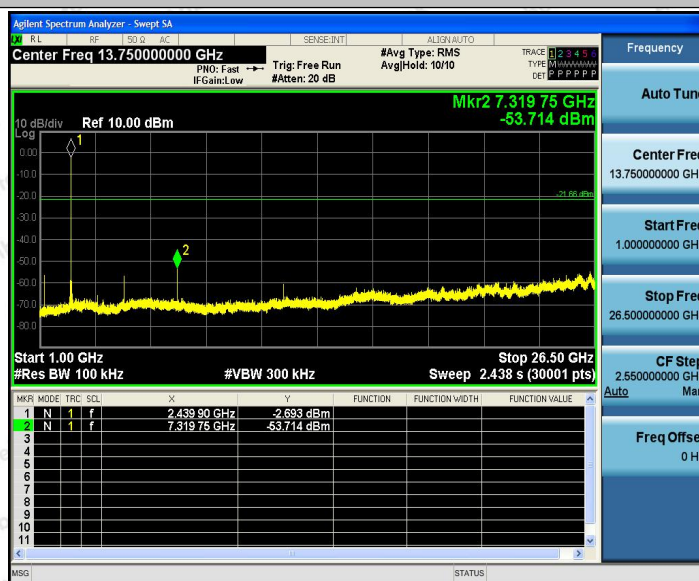
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



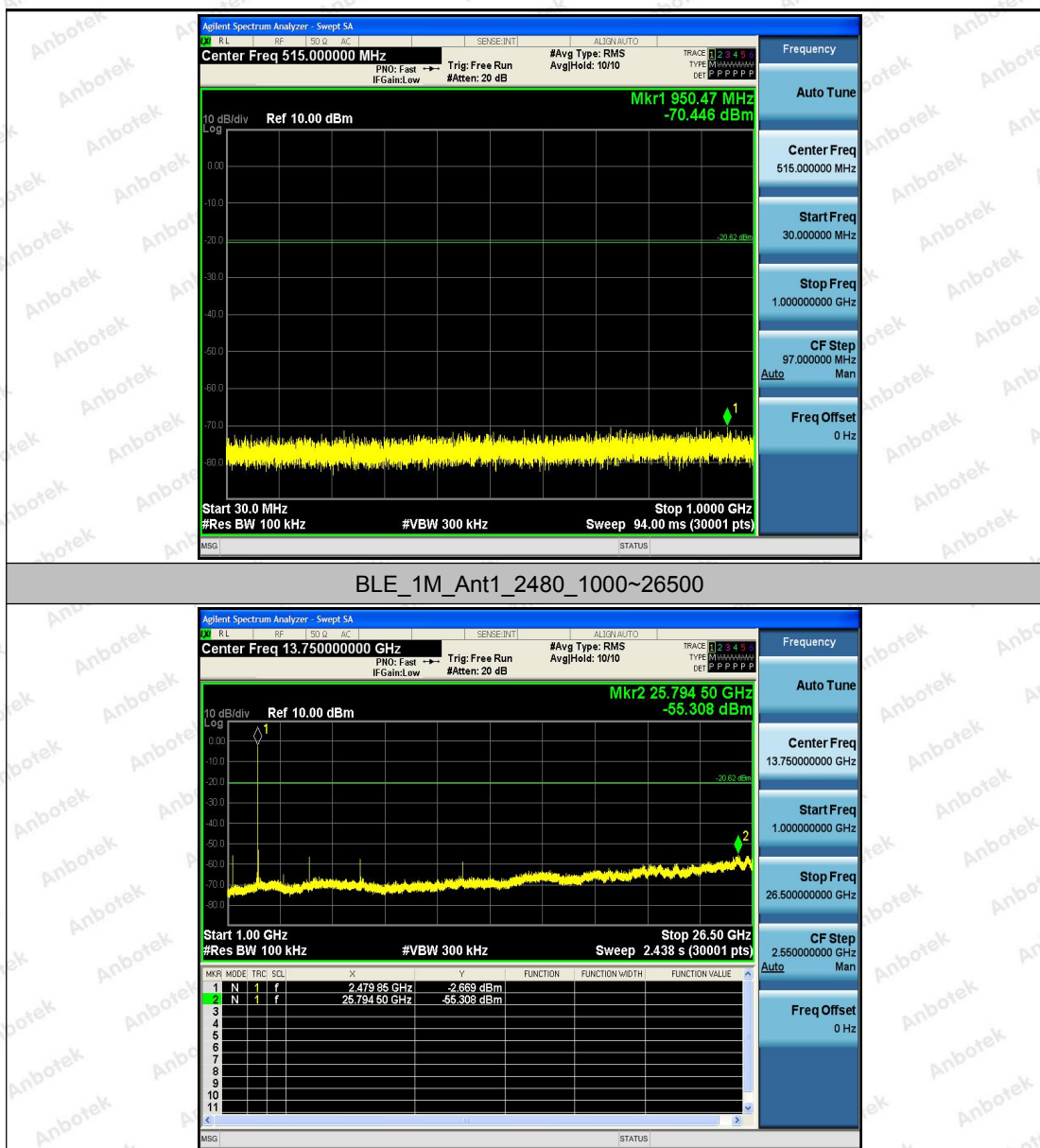
BLE_1M_Ant1_2480_30~1000

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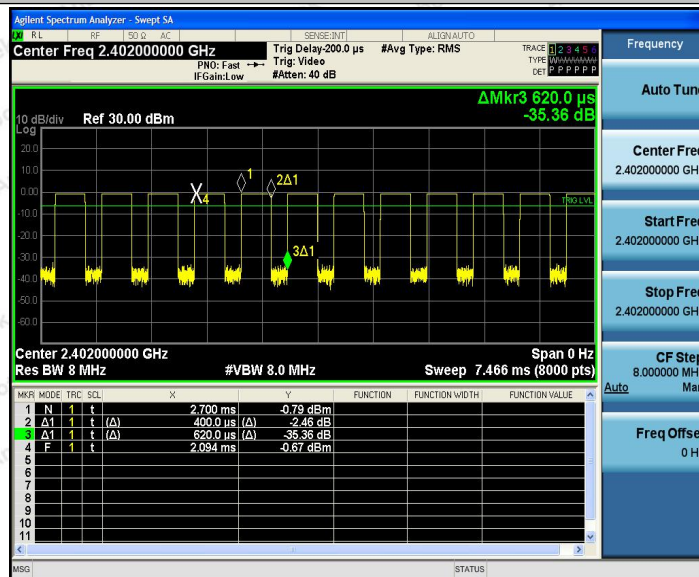
Appendix G: Duty Cycle

Test Result

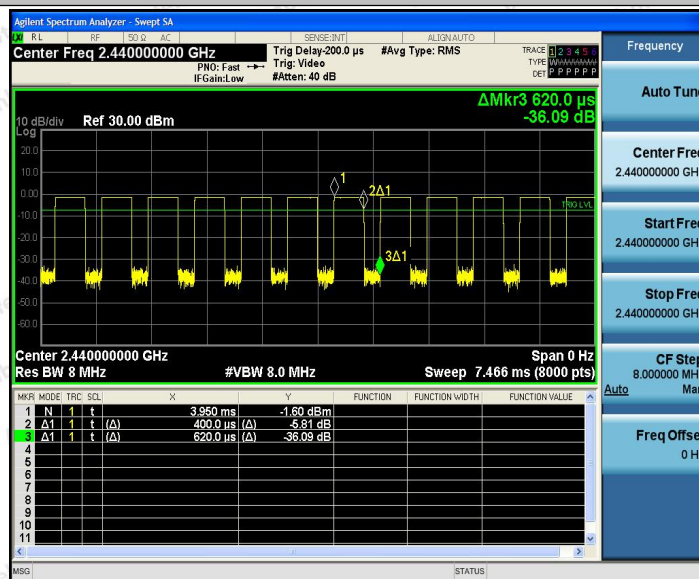
Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.40	0.62	0.6452	64.52	1.90	---	PASS
		2440	0.40	0.62	0.6452	64.52	1.90	---	PASS
		2480	0.41	0.62	0.6613	66.13	1.80	---	PASS

Test Graphs

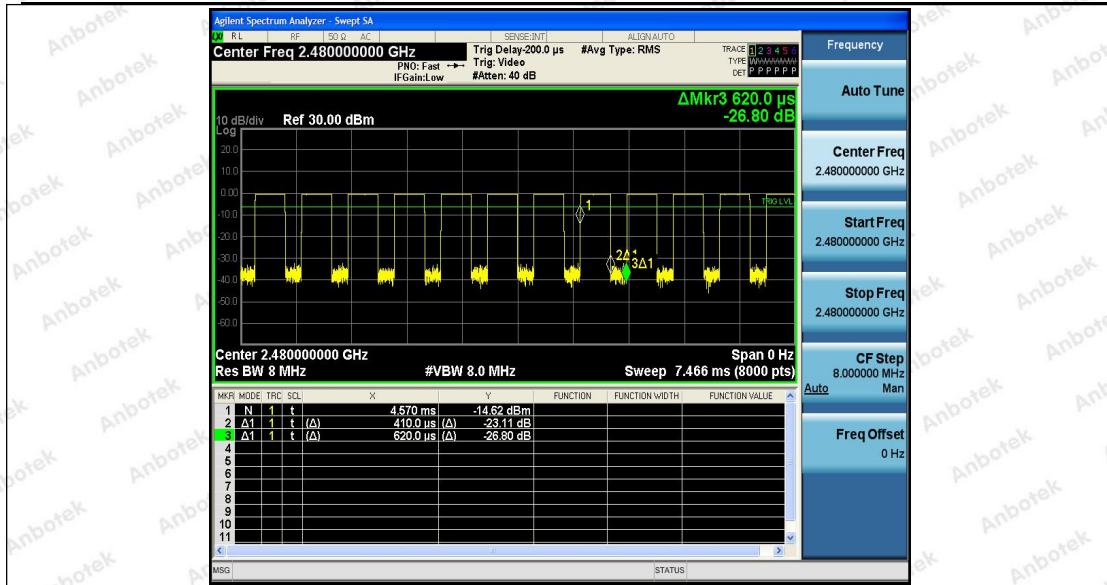
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



---End---