

## Appendix Test Data

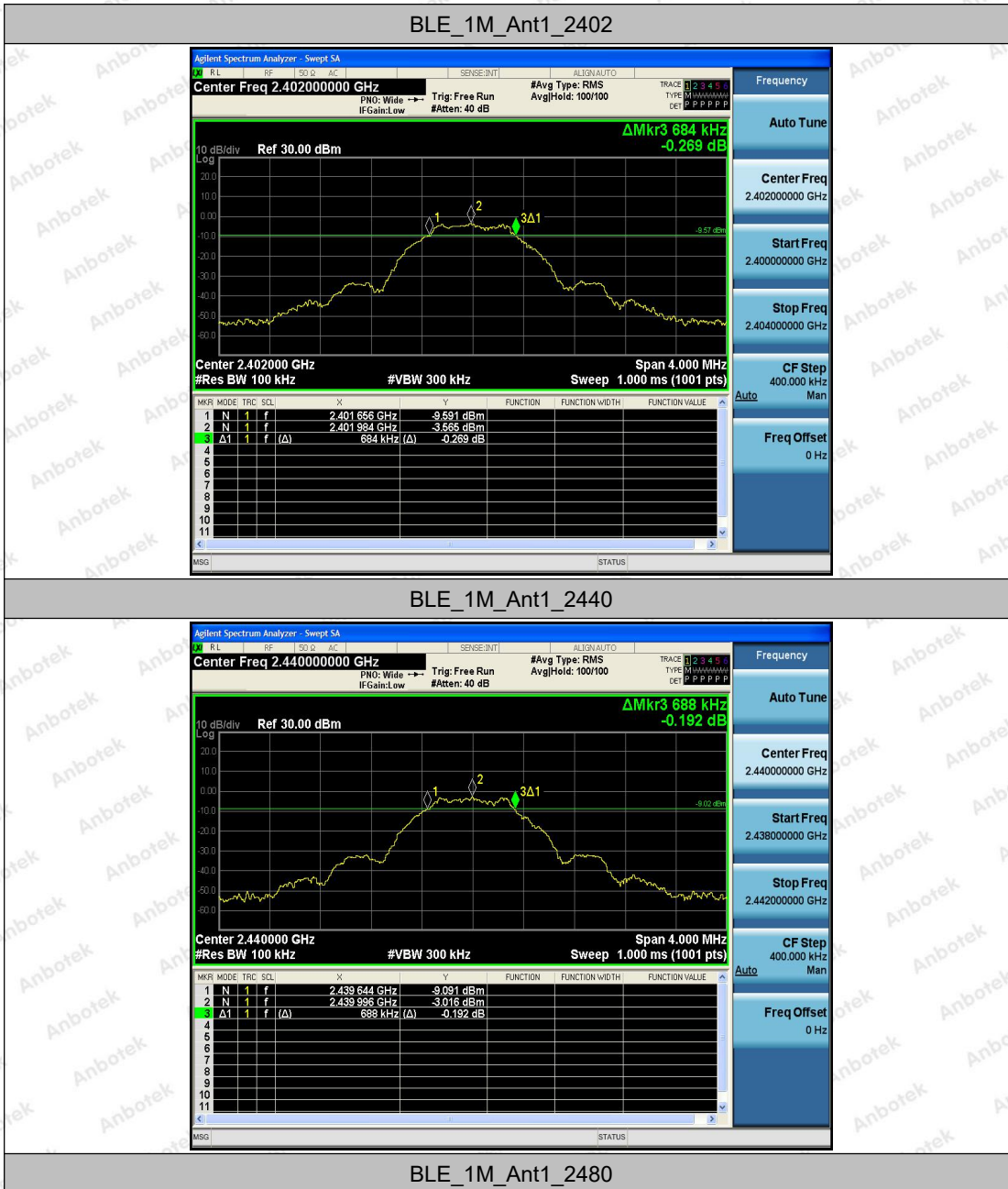
Report No.:	18220WC20009303	Test Sample No.:	1-2-2
Start Test Date:	2022.1.18	Finish Test Date:	2022.1.24
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.2 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.656	2402.340	≥0.5	PASS
		2440	0.688	2439.644	2440.332	≥0.5	PASS
		2480	0.672	2479.660	2480.332	≥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	1.0263	2401.495	2402.521	---	PASS
		2440	1.0209	2439.489	2440.510	---	PASS
		2480	1.0262	2479.487	2480.513	---	PASS

## Test Graphs





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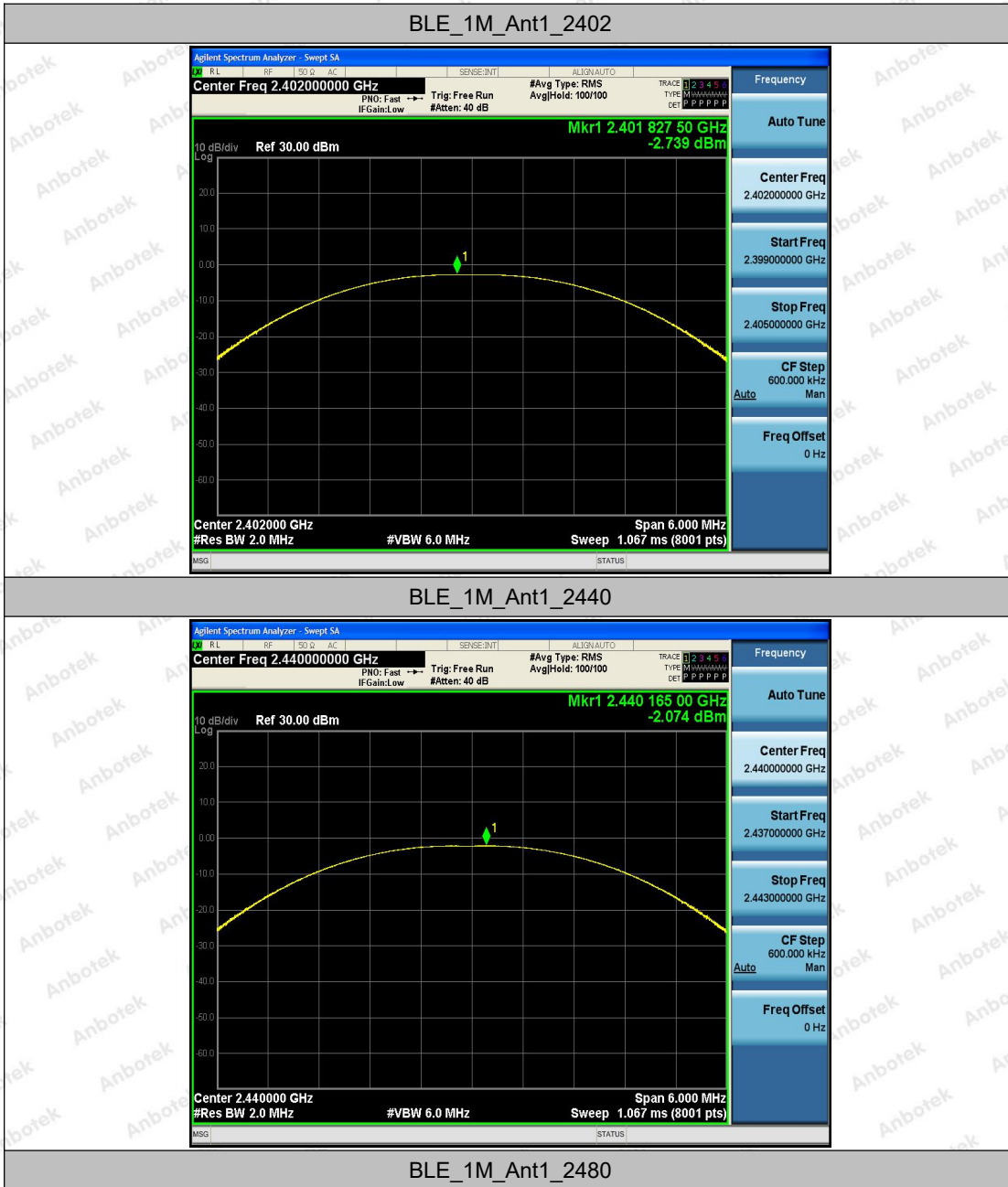
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.74	≤30	PASS
		2440	-2.07	≤30	PASS
		2480	-1.79	≤30	PASS

## Test Graphs



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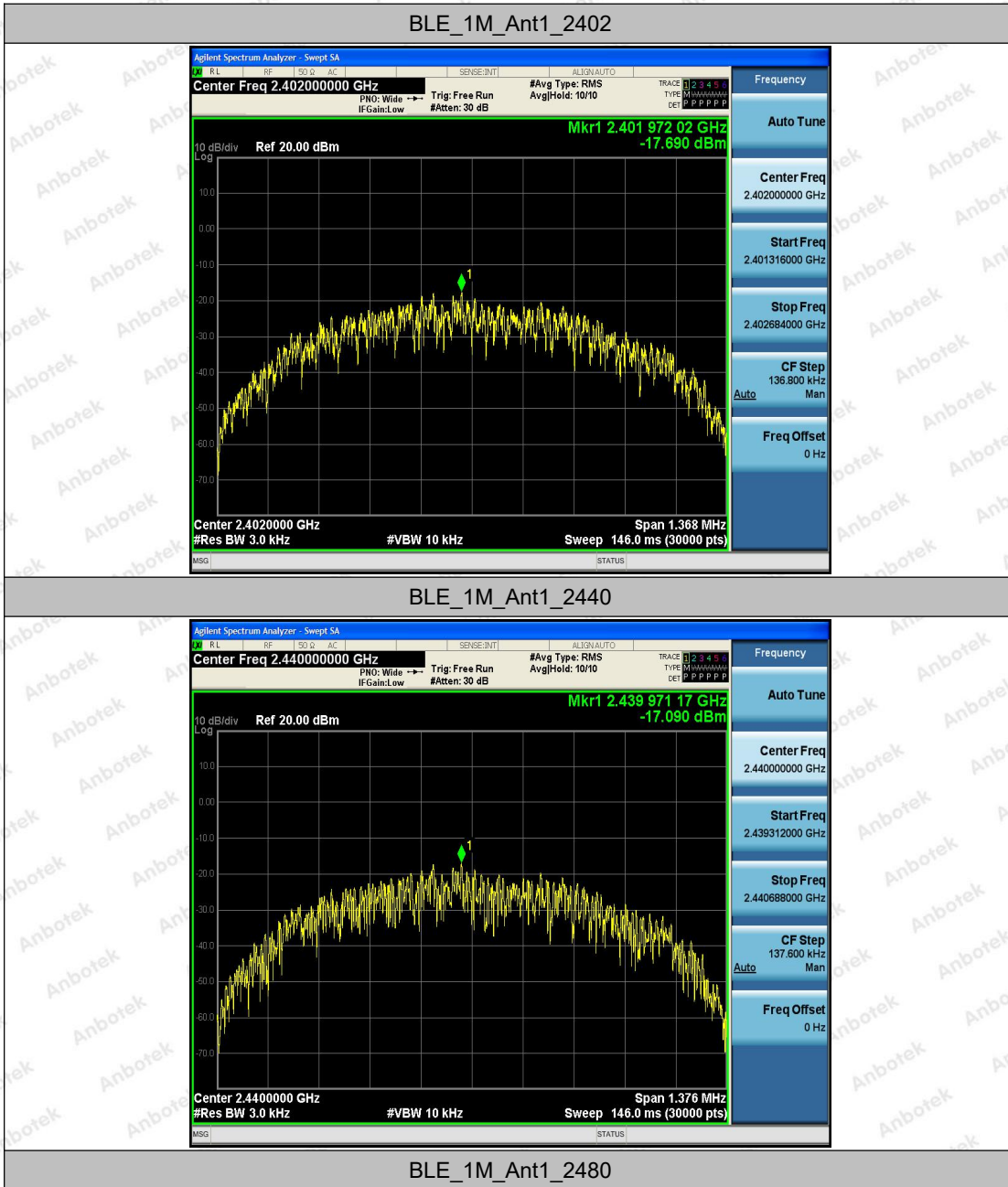
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.69	≤8	PASS
		2440	-17.09	≤8	PASS
		2480	-16.82	≤8	PASS

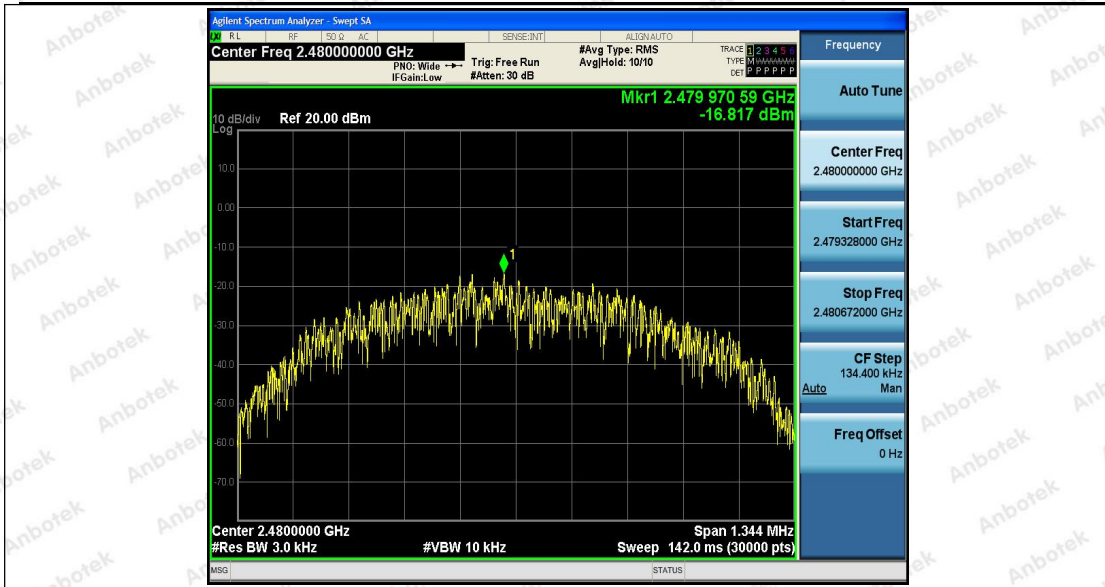
## Test Graphs



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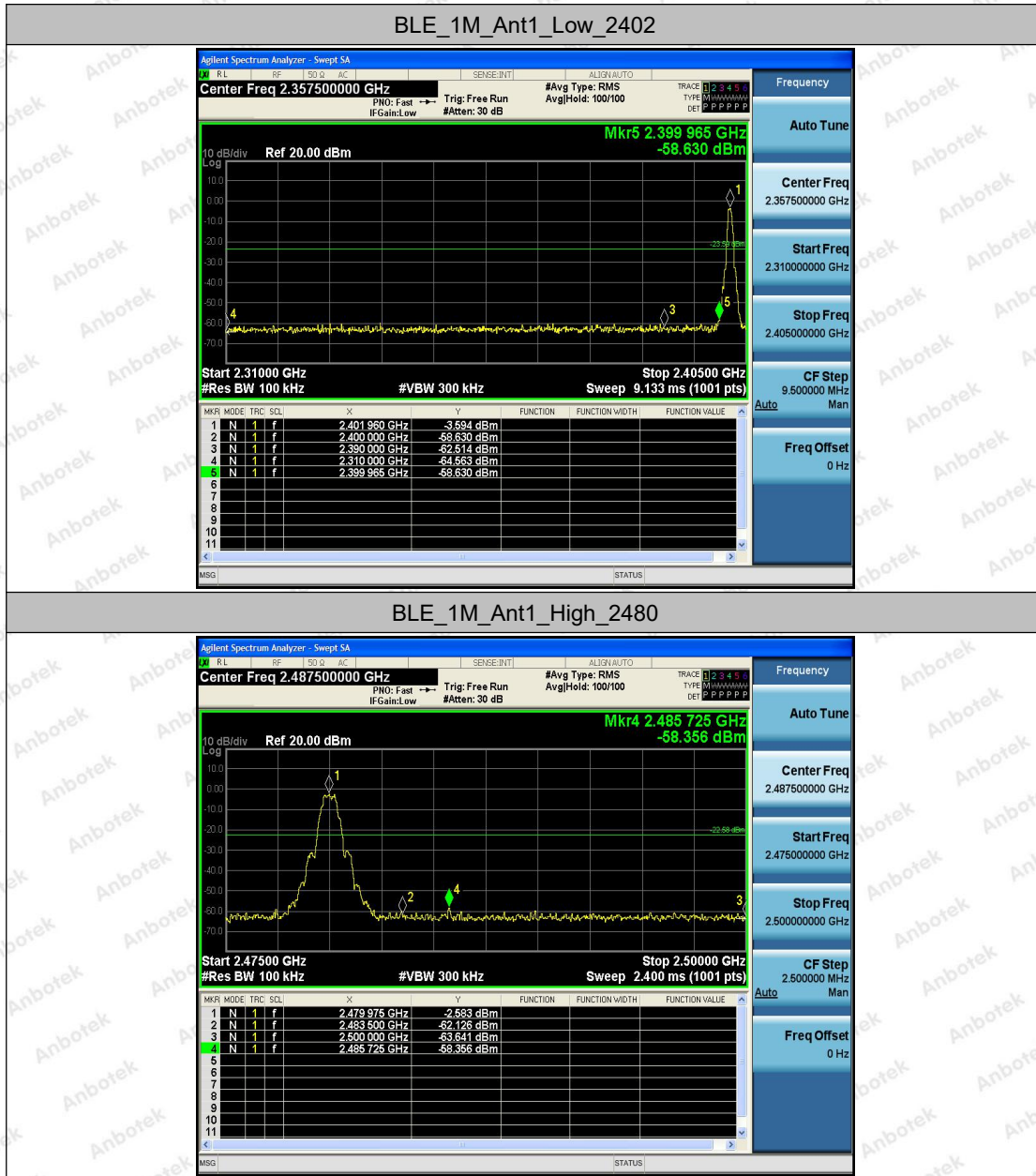
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.59	-58.63	≤-23.59	PASS
		High	2480	-2.58	-58.36	≤-22.58	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	-3.60	-3.60	---	PASS
			30~1000	-3.60	-69.62	≤-23.6	PASS
			1000~265 00	-3.60	-40.42	≤-23.6	PASS
		2440	Reference	-3.12	-3.12	---	PASS
			30~1000	-3.12	-70.55	≤-23.12	PASS
			1000~265 00	-3.12	-42.58	≤-23.12	PASS
		2480	Reference	-2.71	-2.71	---	PASS
			30~1000	-2.71	-69.77	≤-22.71	PASS
			1000~265 00	-2.71	-52.19	≤-22.71	PASS

## Test Graphs



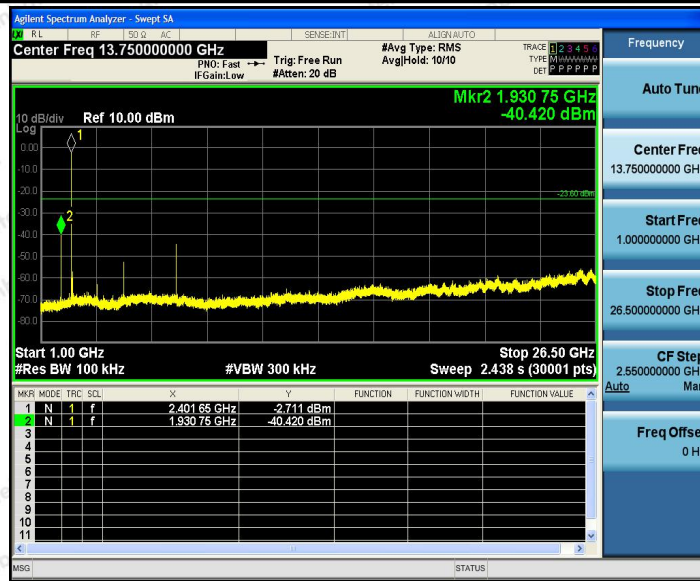
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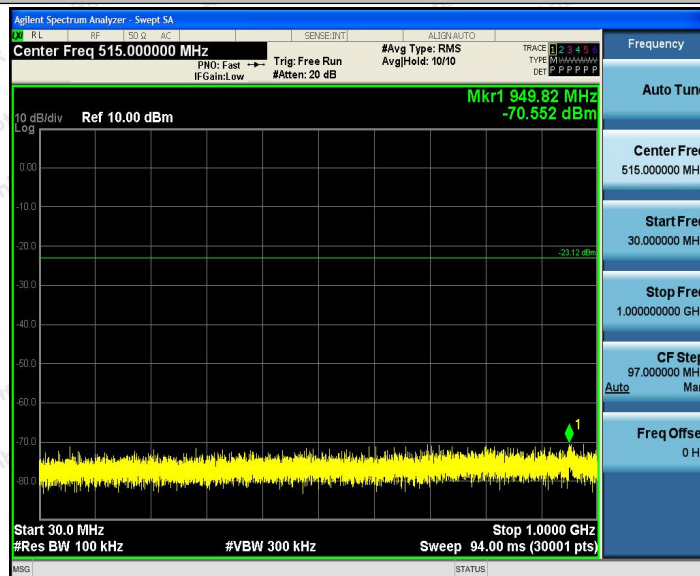




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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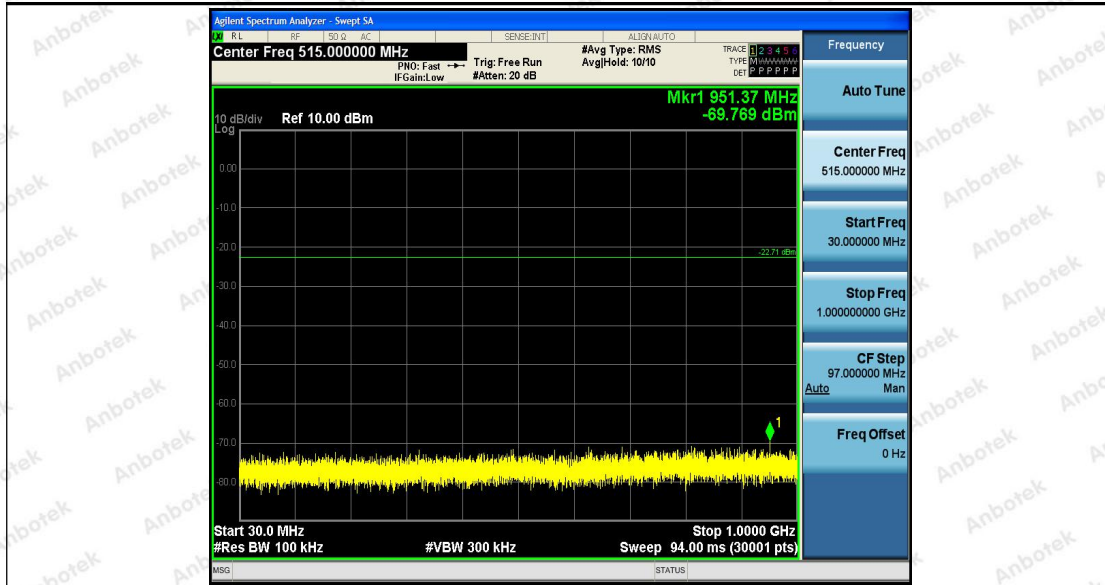
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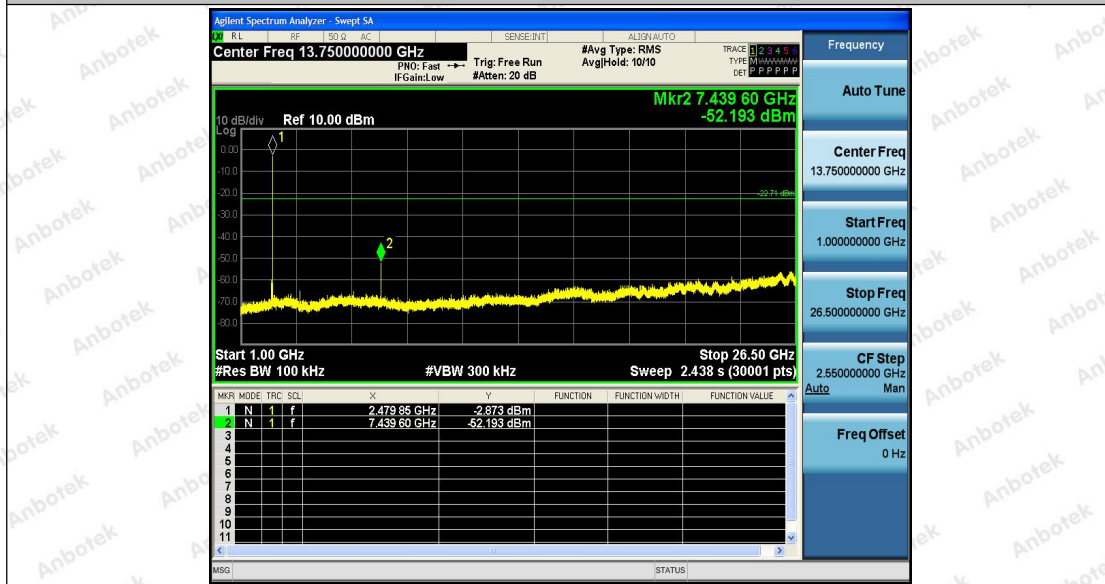
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BLE\_1M\_Ant1\_2480\_1000~26500



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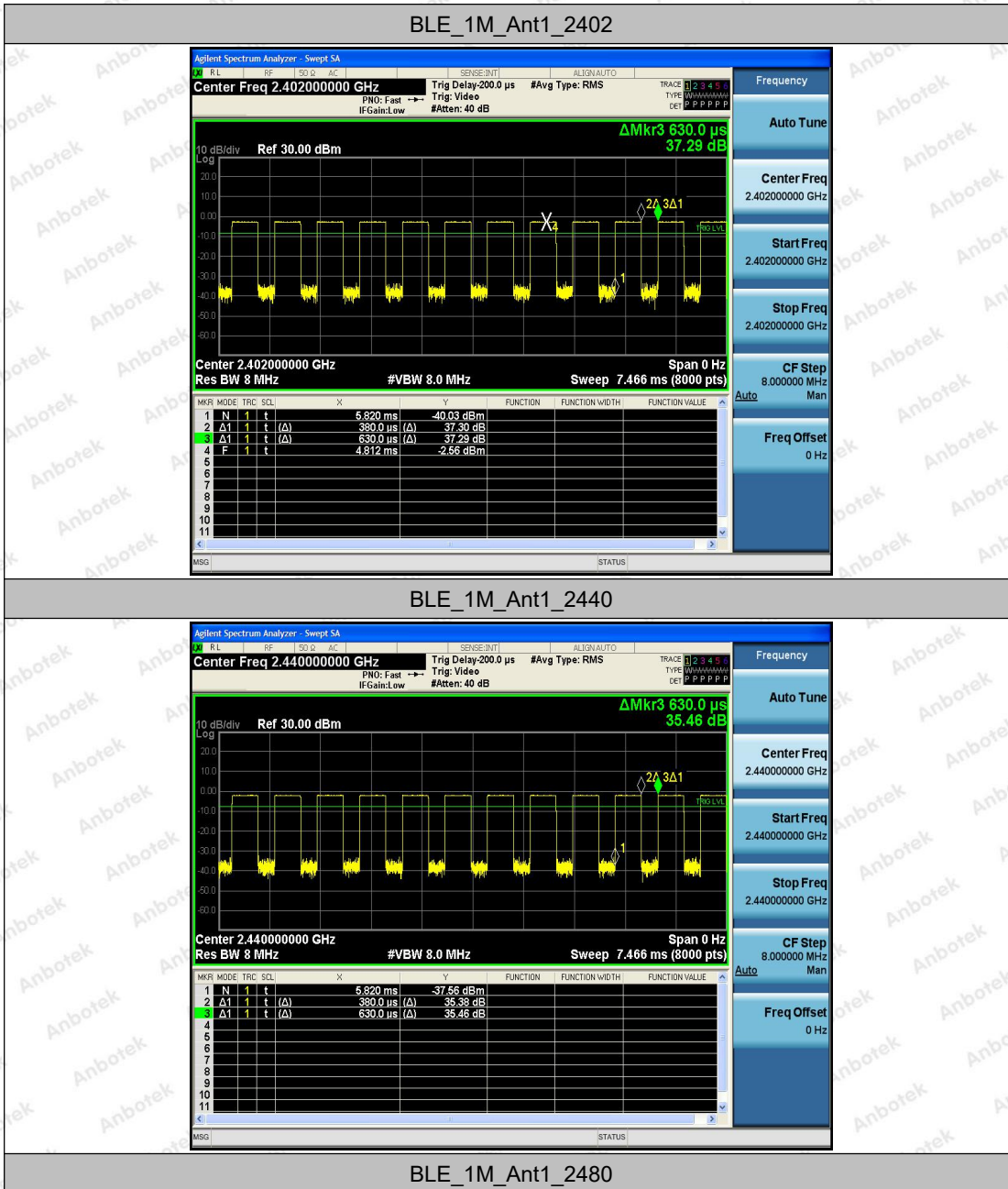
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## Appendix G: Duty Cycle

### 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	0.63	0.603 2	60.32	2.20	---	PASS

## Test Graphs

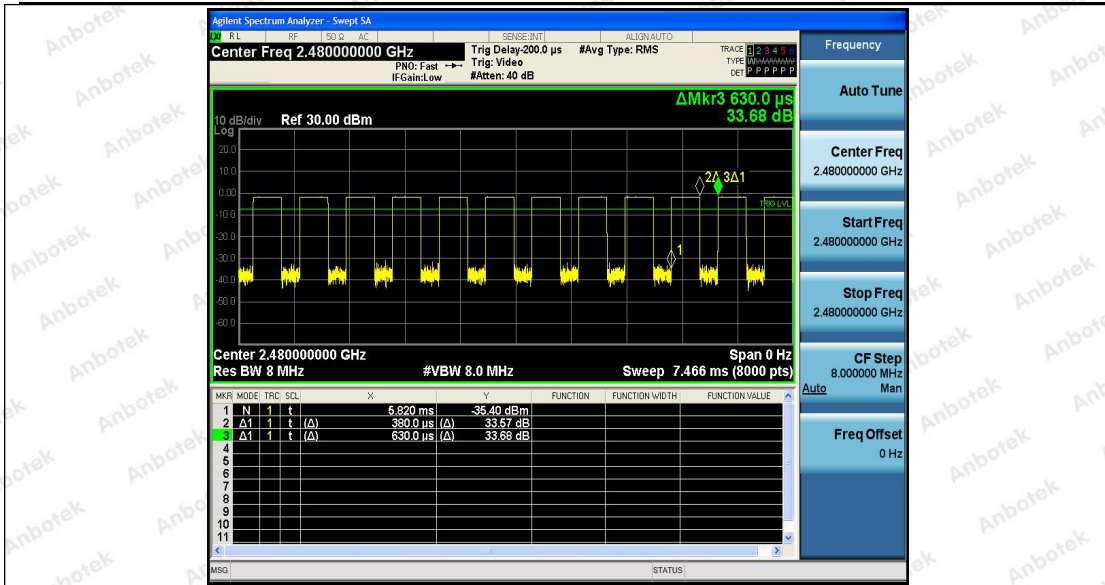


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