

## Appendix Test Data

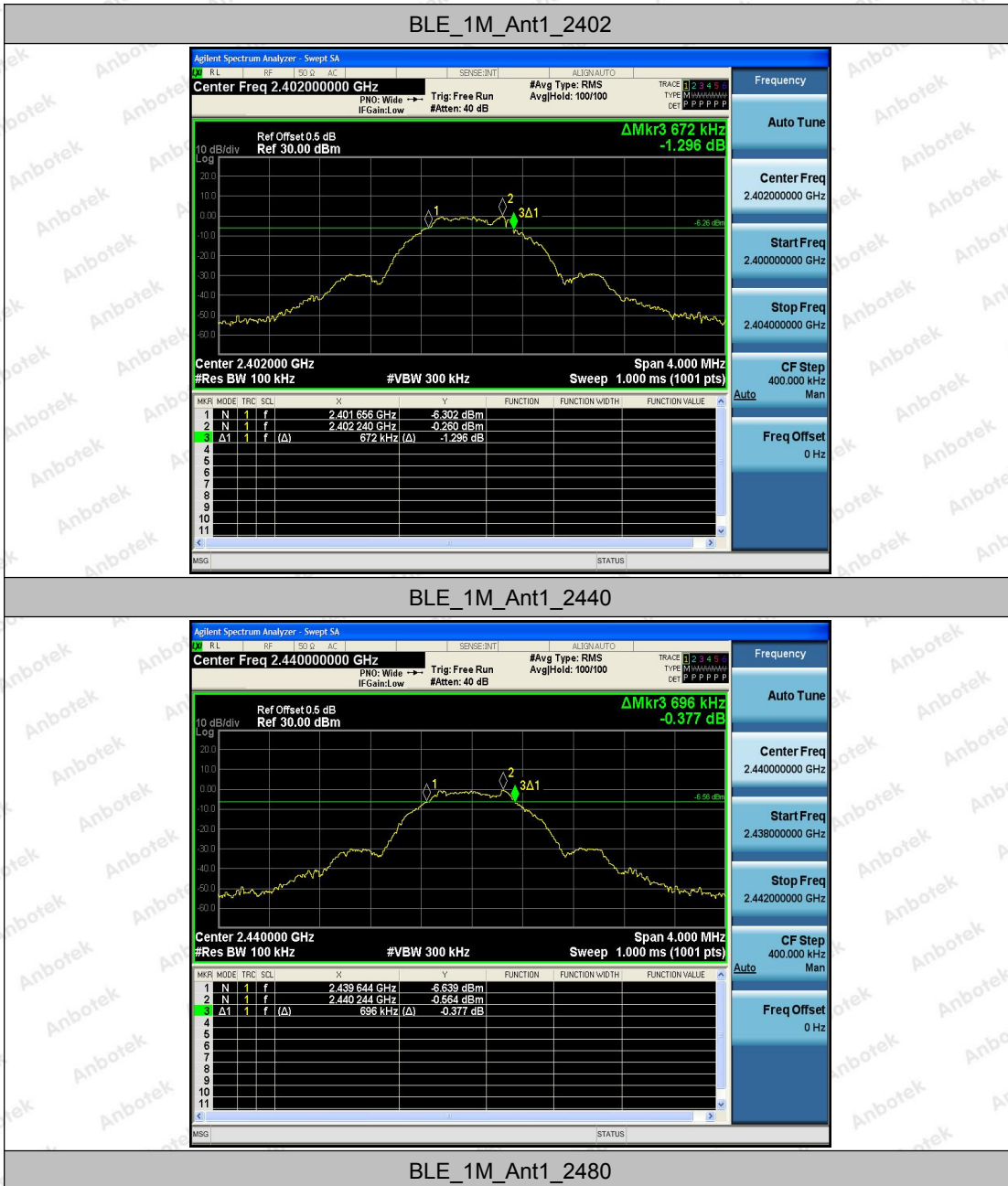
Report No.:	18220WC20143001	Test Sample No.:	1-2-2
Start Test Date:	2022.7.5	Finish Test Date:	2022.7.14
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3C°	Relative Humidity:	57 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.656	2402.328	≥0.5	PASS
		2440	0.696	2439.644	2440.340	≥0.5	PASS
		2480	0.700	2479.644	2480.344	≥0.5	PASS

## Test Graphs





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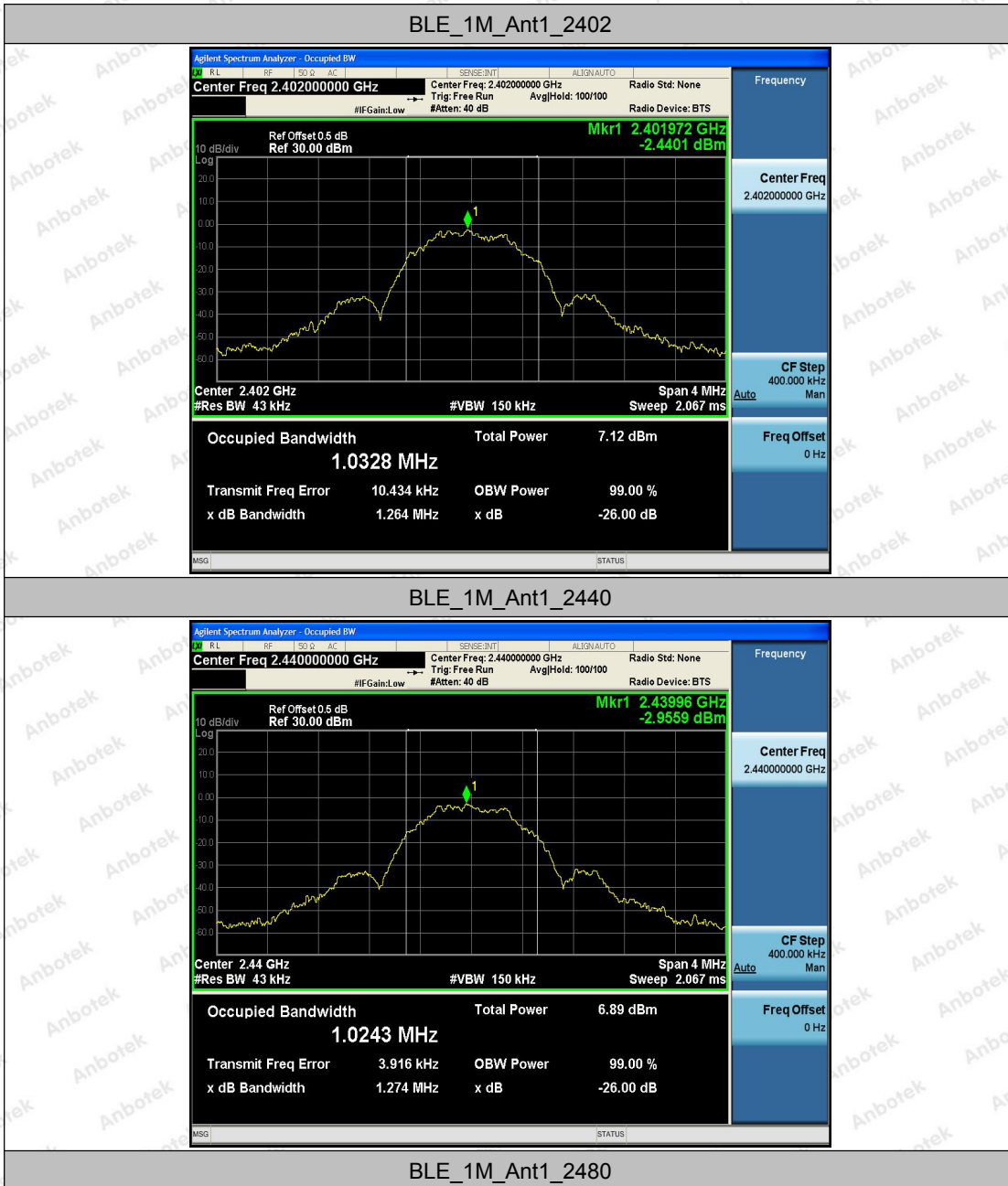
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0328	2401.494	2402.527	---	PASS
		2440	1.0243	2439.492	2440.516	---	PASS
		2480	1.0240	2479.495	2480.519	---	PASS

## Test Graphs



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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.78	≤30	PASS
		2440	0.42	≤30	PASS
		2480	0.56	≤30	PASS

## Test Graphs

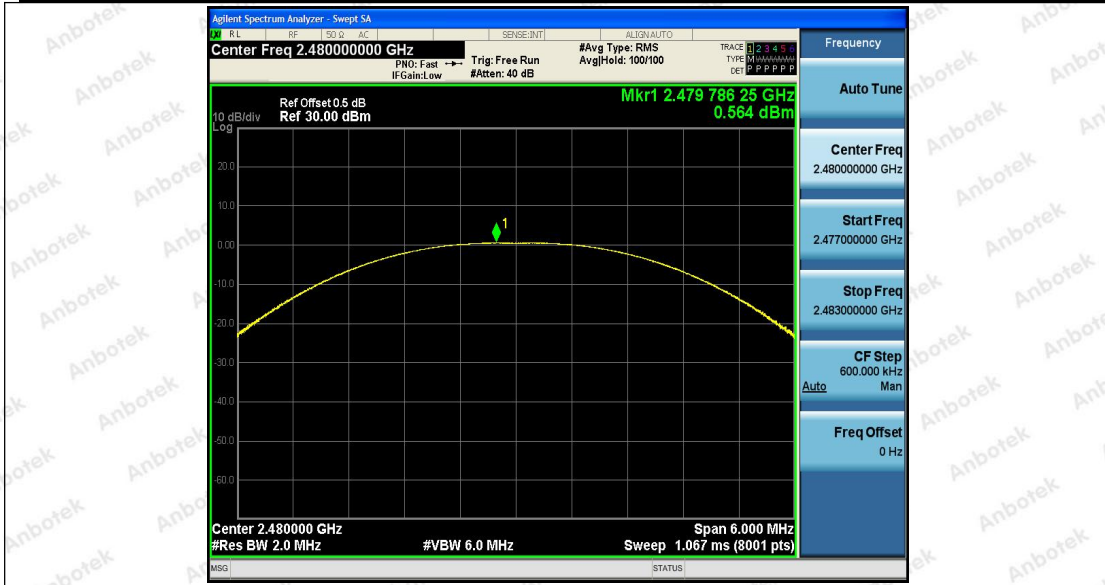


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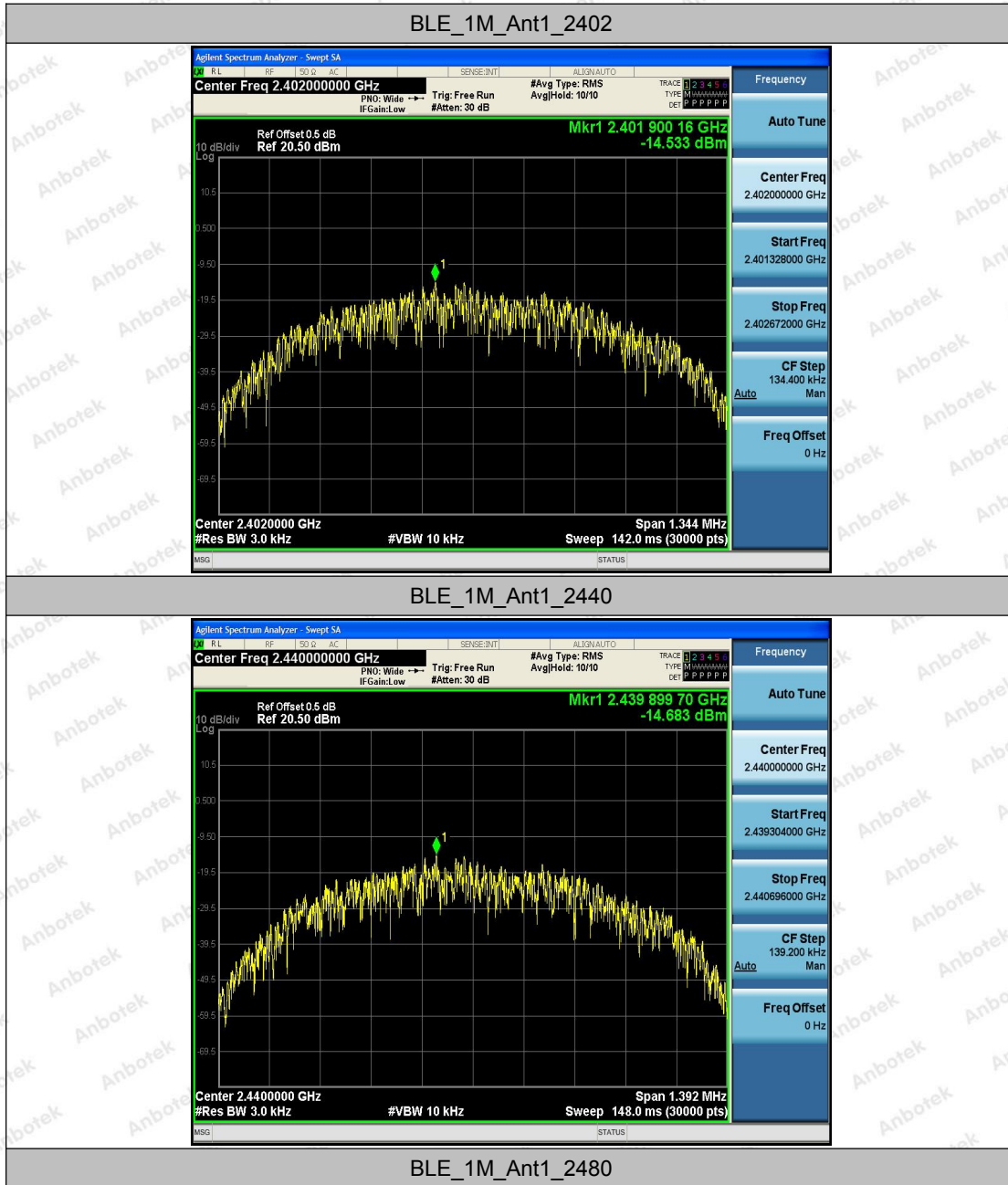
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.53	$\leq 8$	PASS
		2440	-14.68	$\leq 8$	PASS
		2480	-14.57	$\leq 8$	PASS

## Test Graphs



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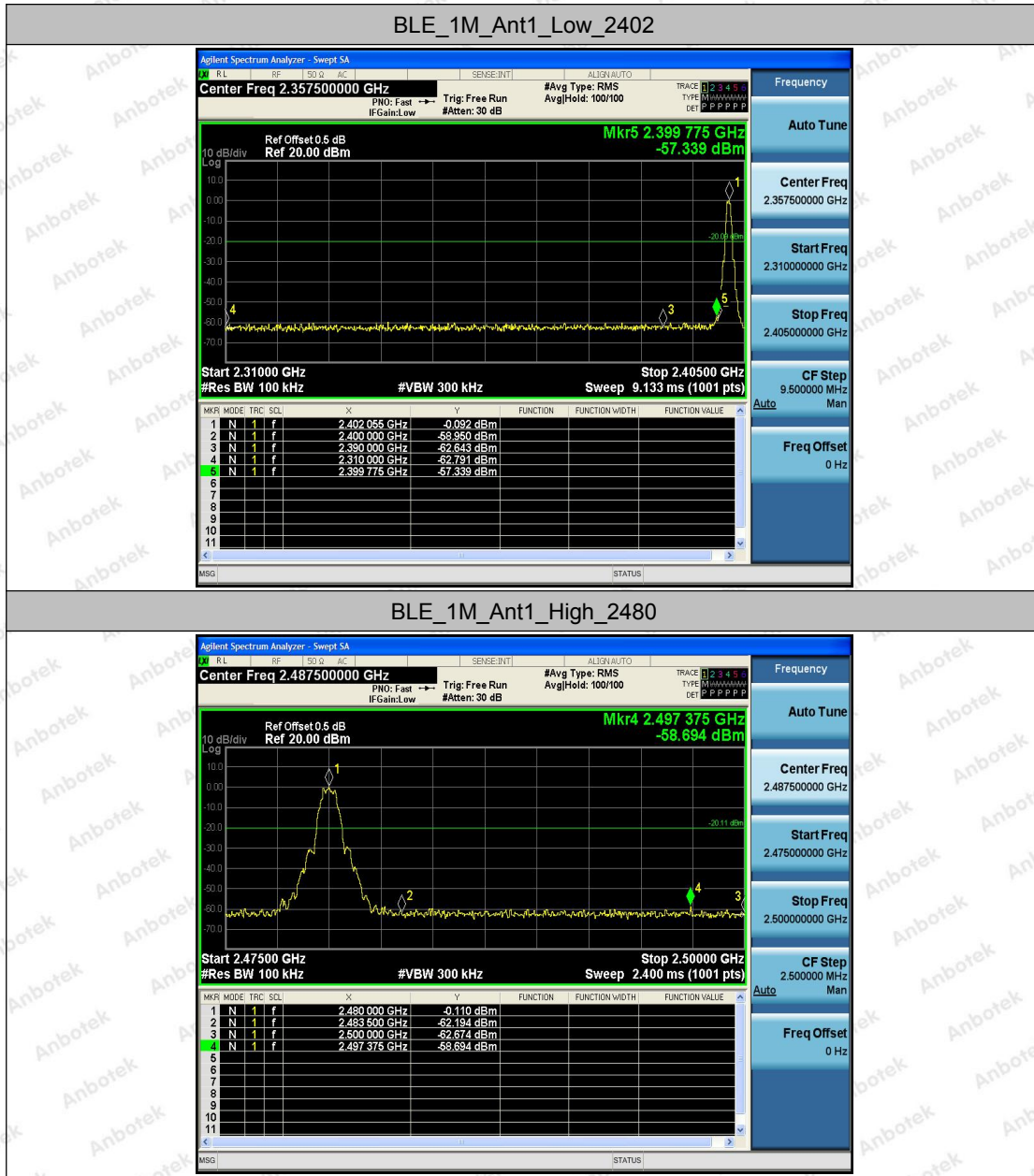
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.09	-57.34	≤-20.09	PASS
		High	2480	-0.11	-58.69	≤-20.11	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	-0.25	-0.25	---	PASS
			30~1000	-0.25	-69.25	≤-20.25	PASS
			1000~265 00	-0.25	-55.21	≤-20.25	PASS
		2440	Reference	-0.63	-0.63	---	PASS
			30~1000	-0.63	-68.54	≤-20.63	PASS
			1000~265 00	-0.63	-54.93	≤-20.63	PASS
		2480	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-69.56	≤-20.36	PASS
			1000~265 00	-0.36	-54.07	≤-20.36	PASS

## Test Graphs



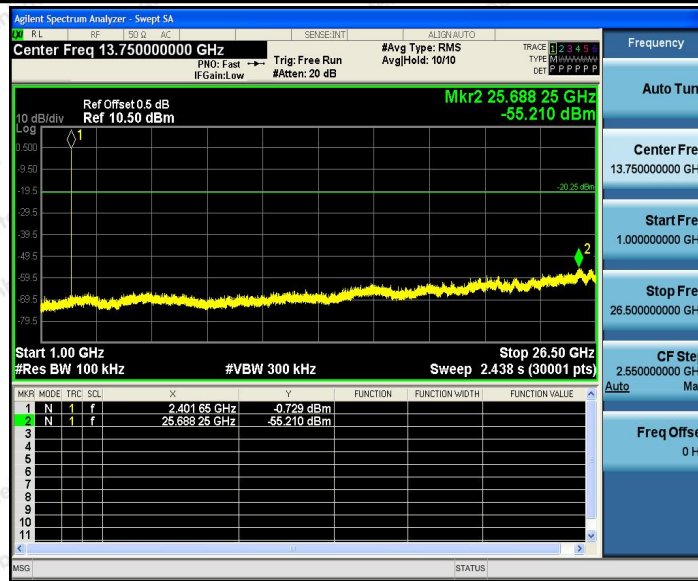
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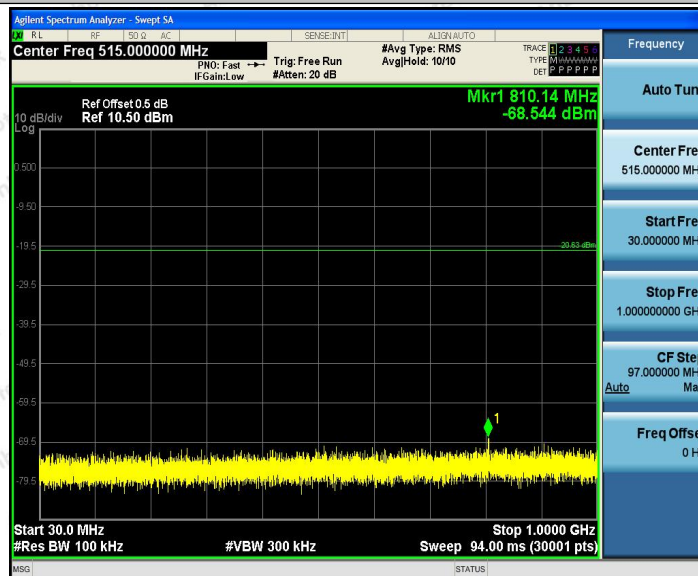




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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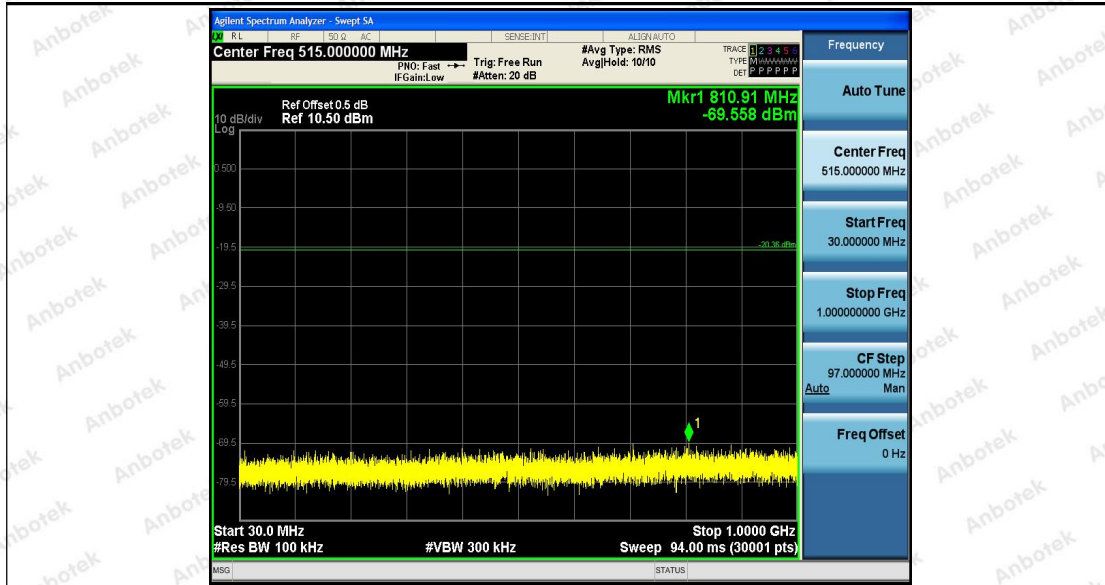


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BLE\_1M\_Ant1\_2480\_1000~26500



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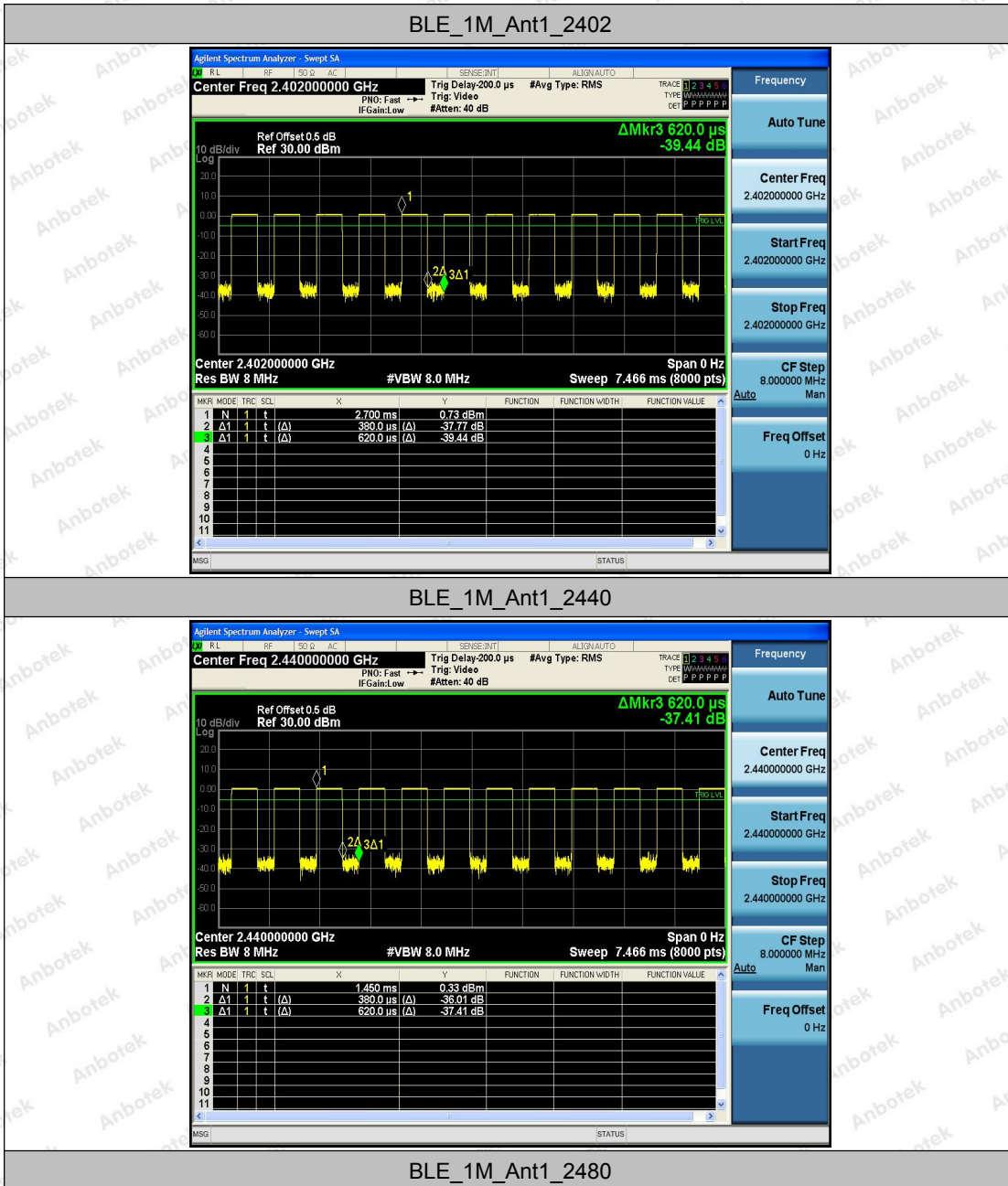
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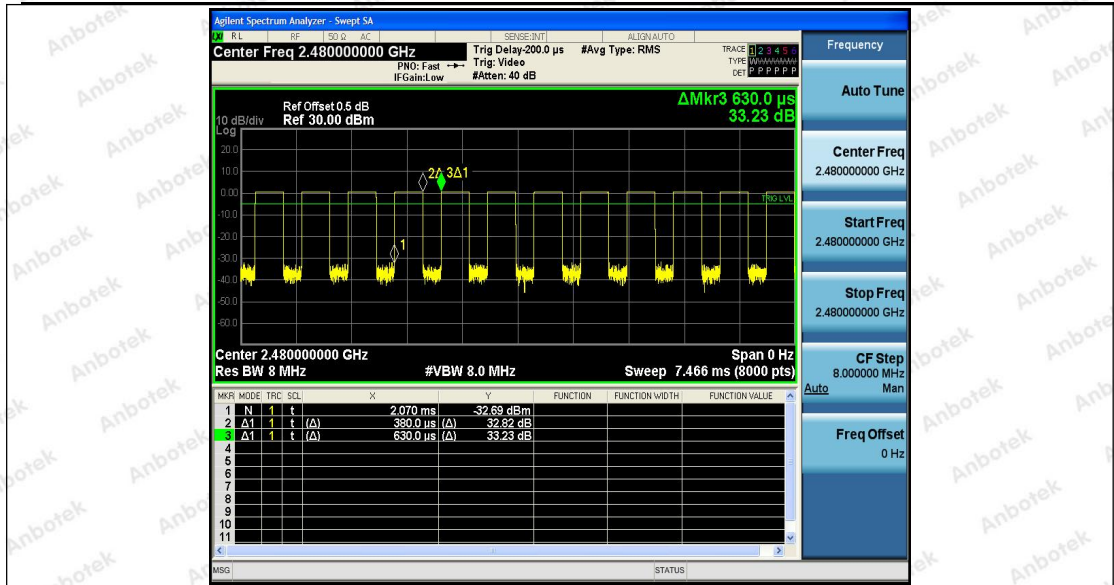
## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.62	0.6129	61.29	2.13	---	PASS
		2440	0.38	0.62	0.6129	61.29	2.13	---	PASS
		2480	0.38	0.63	0.6032	60.32	2.20	---	PASS

## Test Graphs





---End---