

## Appendix Test Data

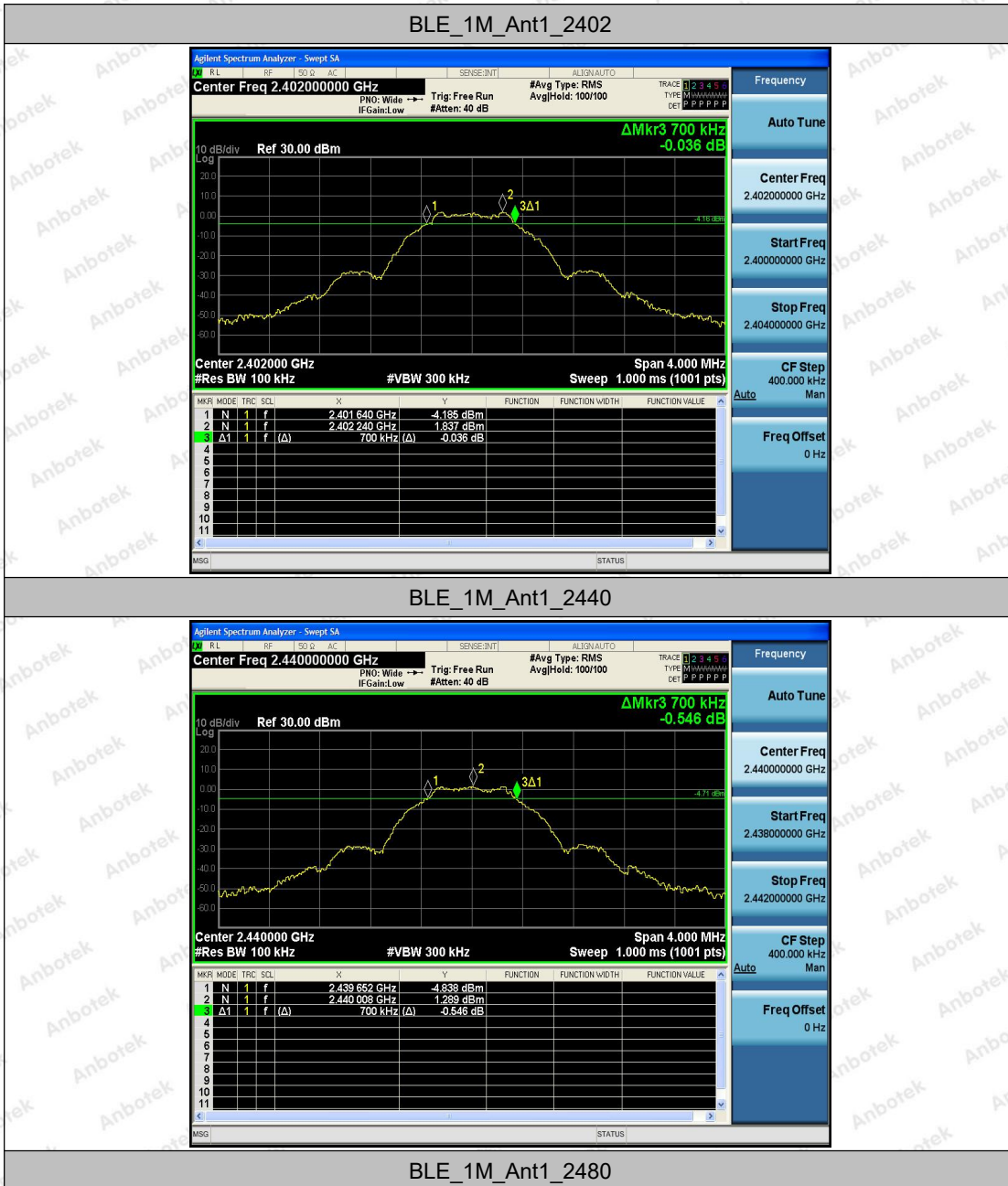
Report No.:	18220WC20097301	Test Sample No.:	1-2-2
Start Test Date:	2022.5.7	Finish Test Date:	2022.5.11
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.2 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.640	2402.340	≥0.5	PASS
		2440	0.700	2439.652	2440.352	≥0.5	PASS
		2480	0.708	2479.636	2480.344	≥0.5	PASS

## Test Graphs





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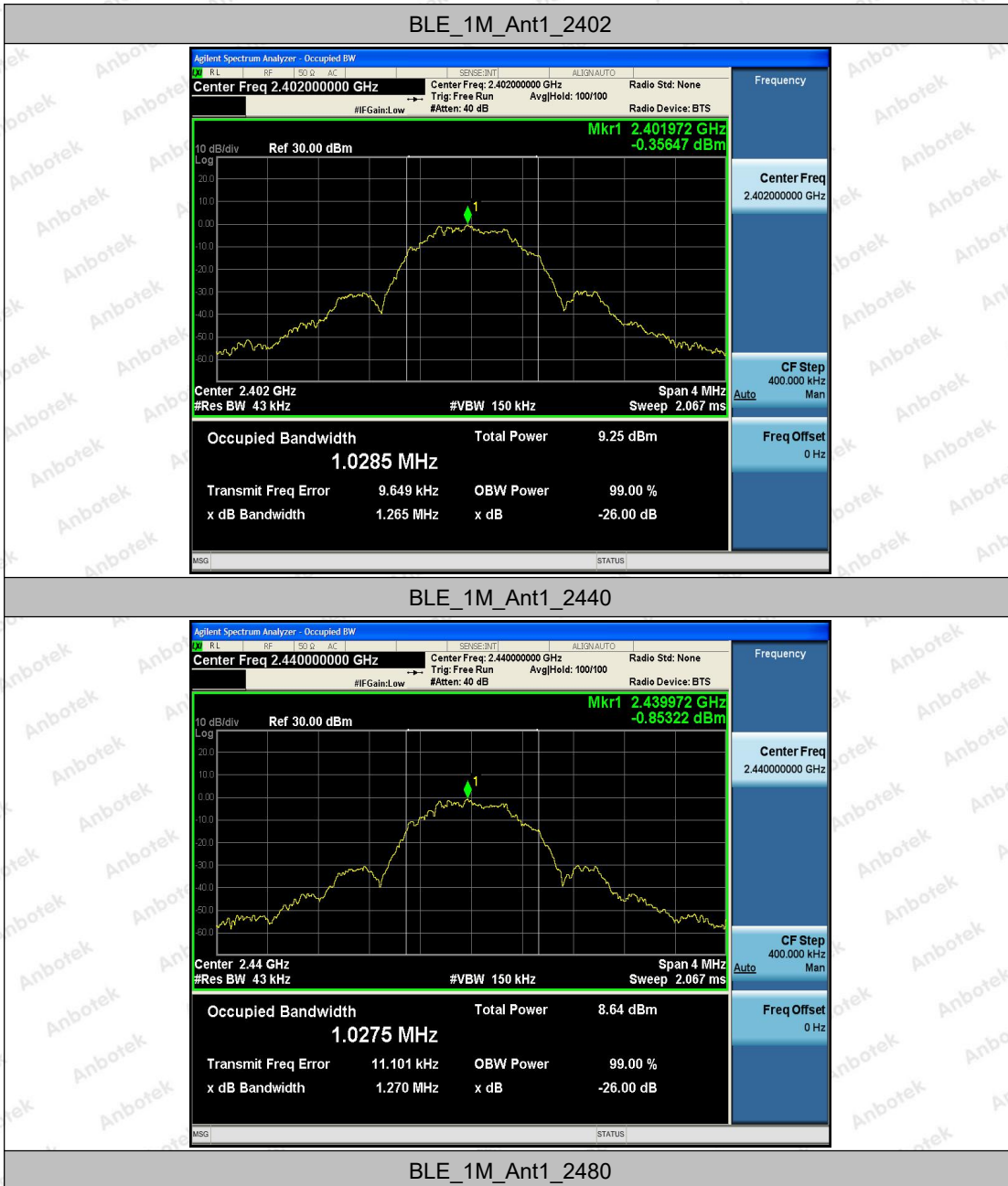
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## Appendix B: Occupied Channel Bandwidth

### Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0285	2401.495	2402.524	---	PASS
		2440	1.0275	2439.497	2440.525	---	PASS
		2480	1.0251	2479.498	2480.523	---	PASS

## Test Graphs



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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	2.81	≤30	PASS
		2440	2.3	≤30	PASS
		2480	3.16	≤30	PASS

## Test Graphs

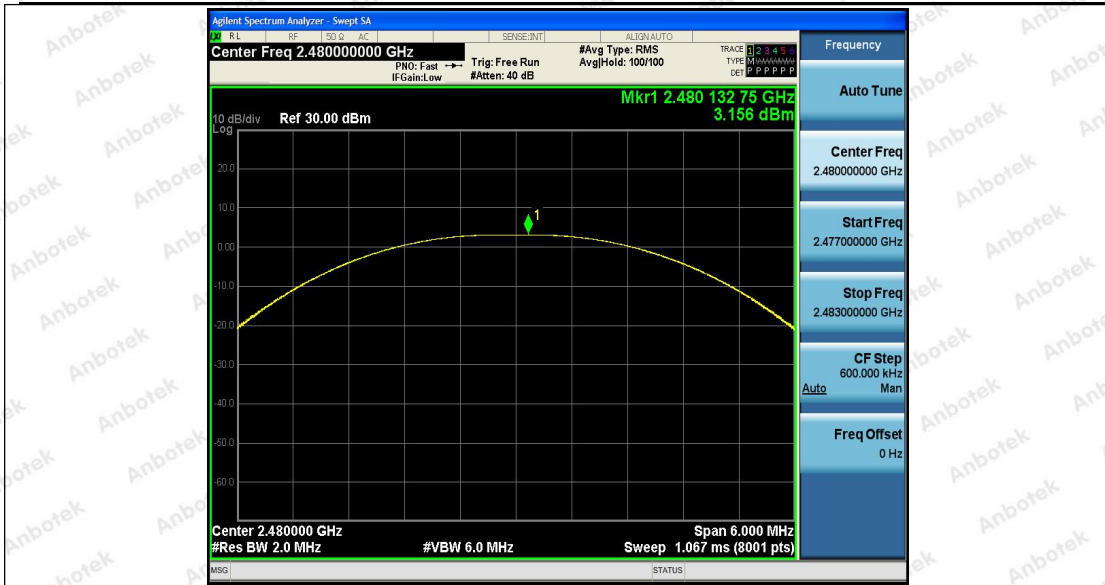


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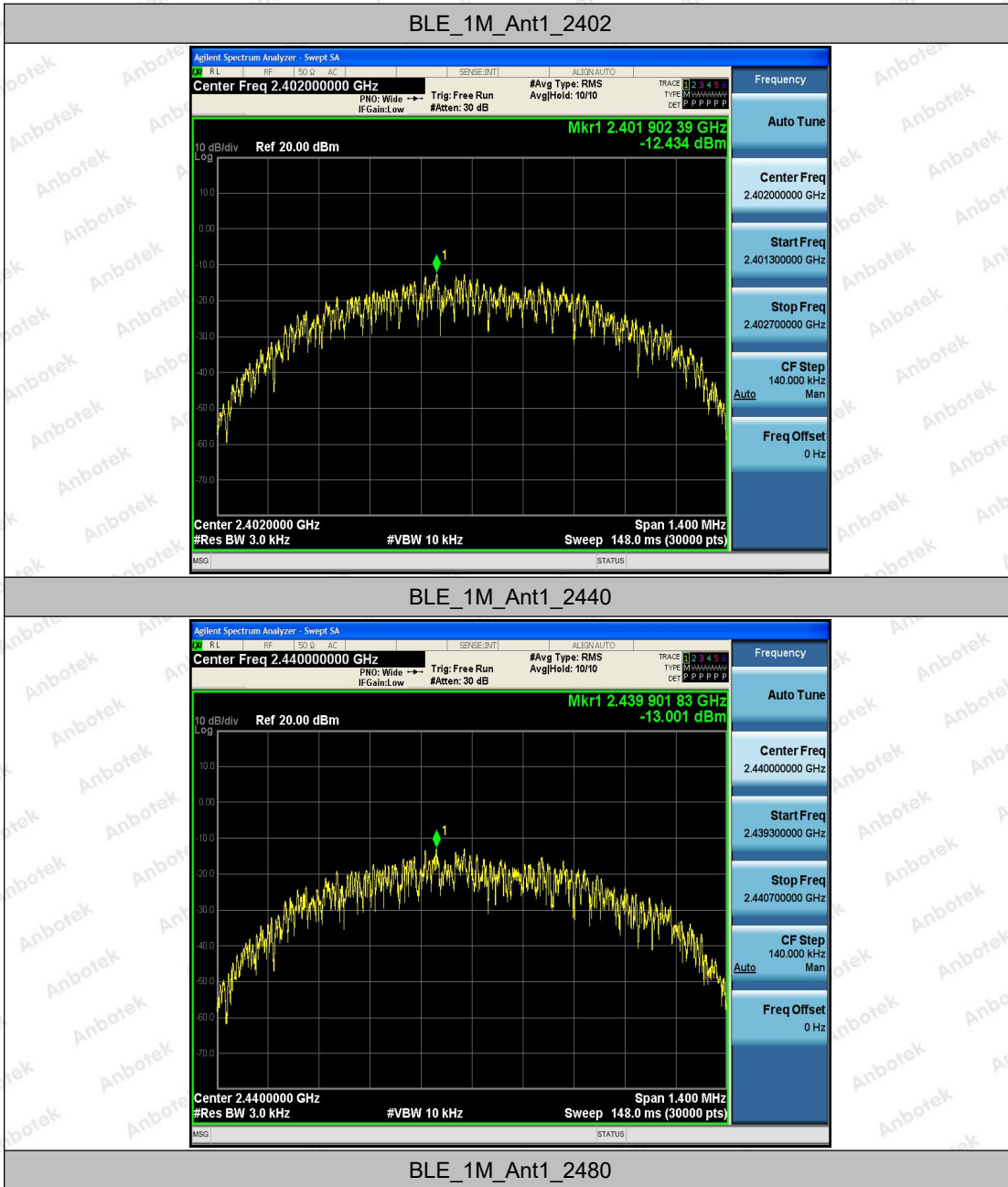
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## Appendix D: Maximum power spectral density

### Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.43	≤8	PASS
		2440	-13	≤8	PASS
		2480	-12.16	≤8	PASS

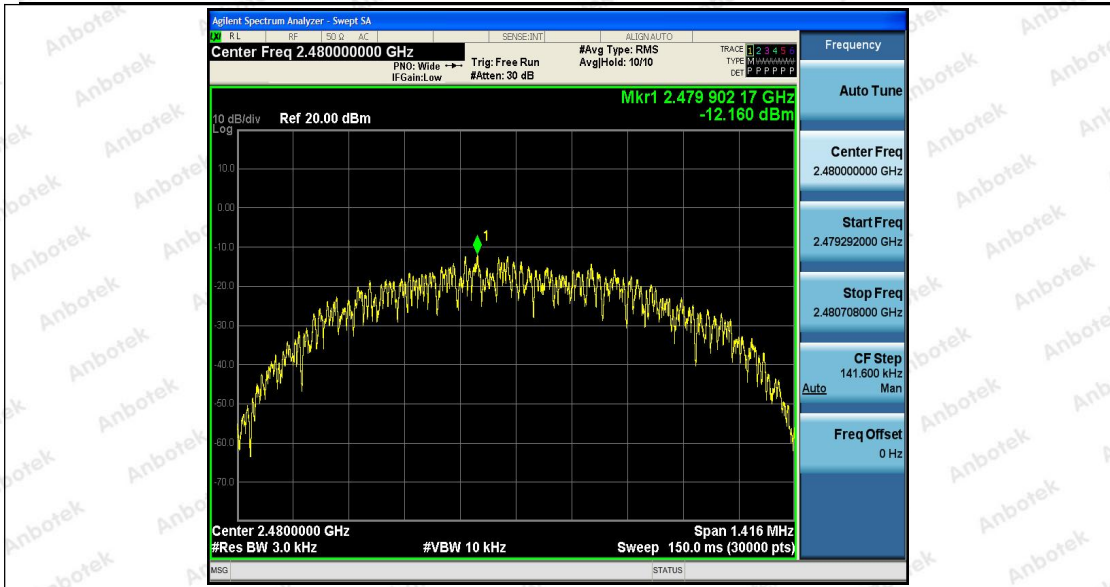
## Test Graphs



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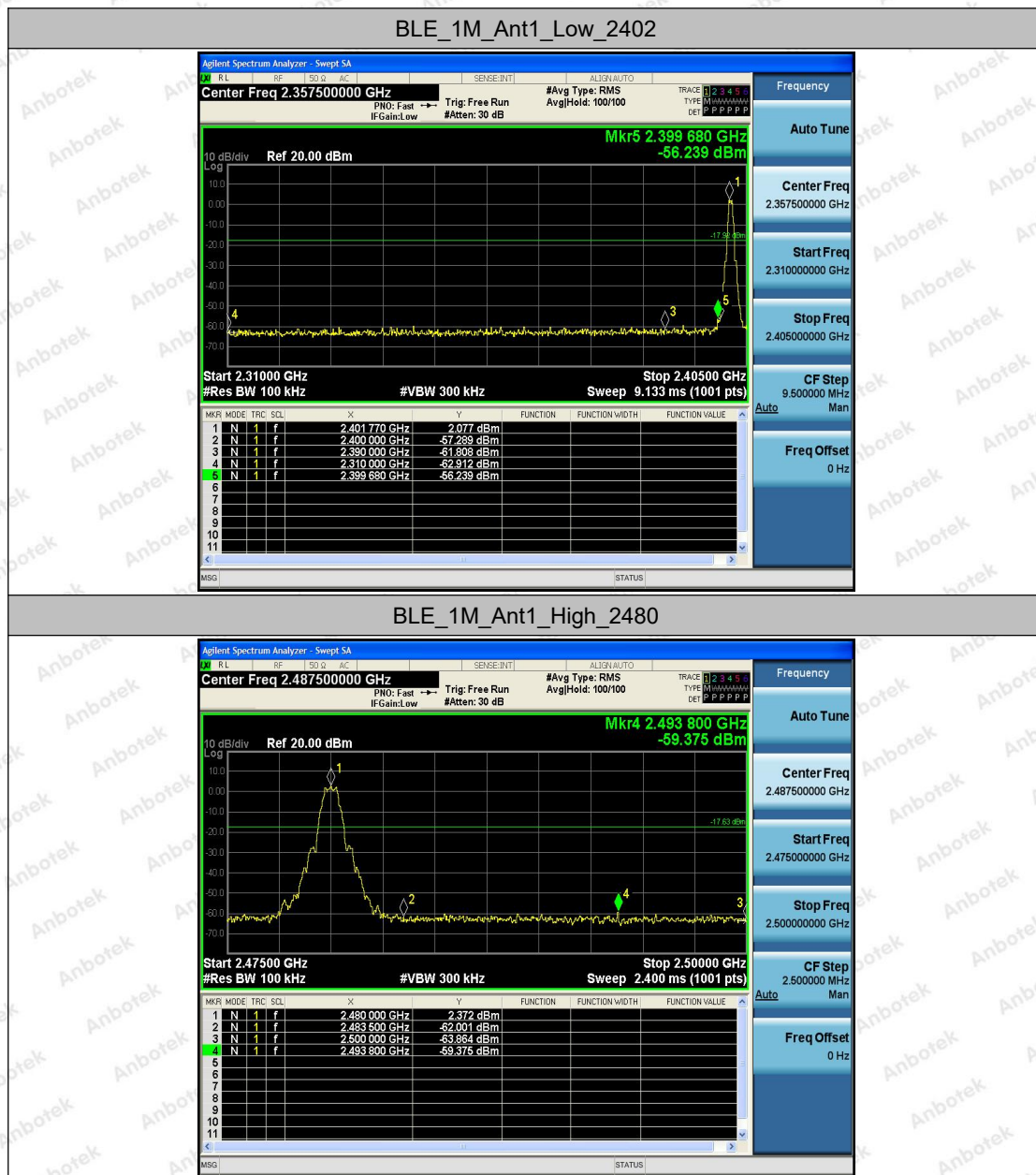
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## Appendix E: Band edge measurements

### Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.08	-56.24	≤-17.92	PASS
		High	2480	2.37	-59.38	≤-17.63	PASS

### Test Graphs



## 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	1.82	1.82	---	PASS
			30~1000	1.82	-70.6	≤-18.18	PASS
			1000~26500	1.82	-55.83	≤-18.18	PASS
		2440	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-68.85	≤-18.65	PASS
			1000~26500	1.35	-55	≤-18.65	PASS
		2480	Reference	2.28	2.28	---	PASS
			30~1000	2.28	-70.03	≤-17.72	PASS
			1000~26500	2.28	-55.19	≤-17.72	PASS

## Test Graphs

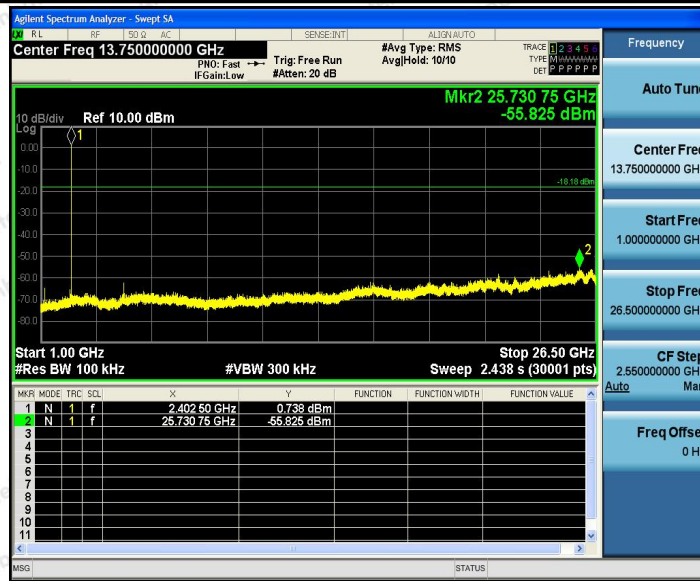


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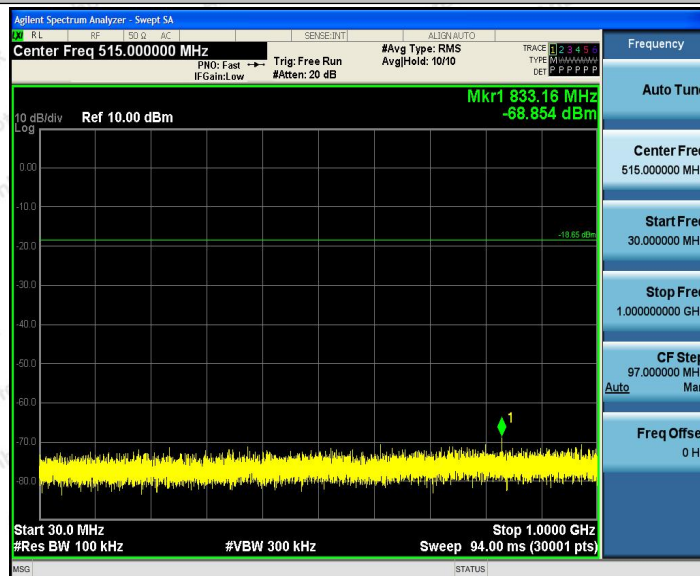
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BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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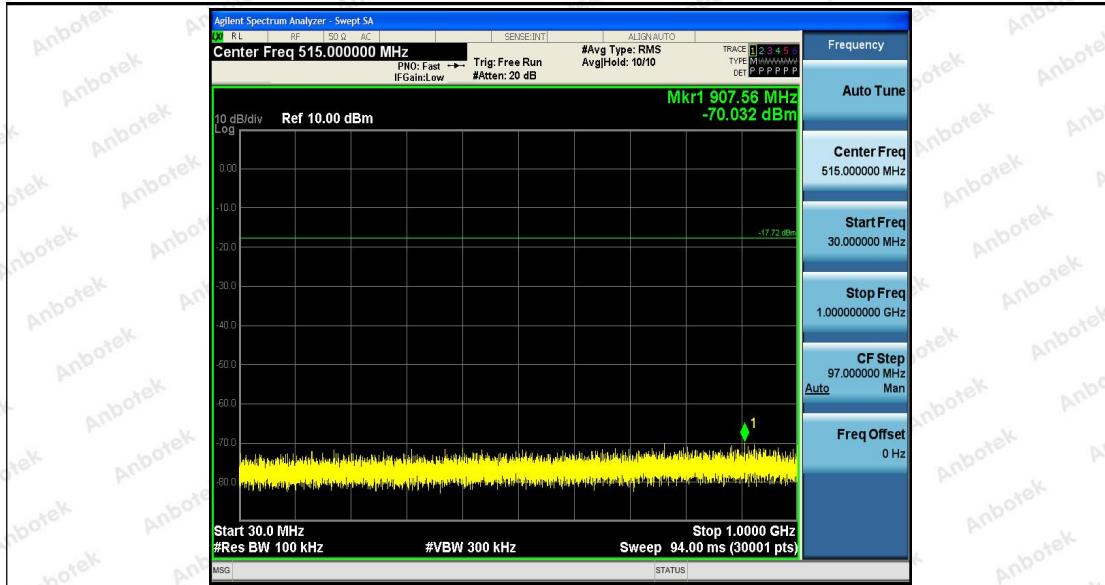


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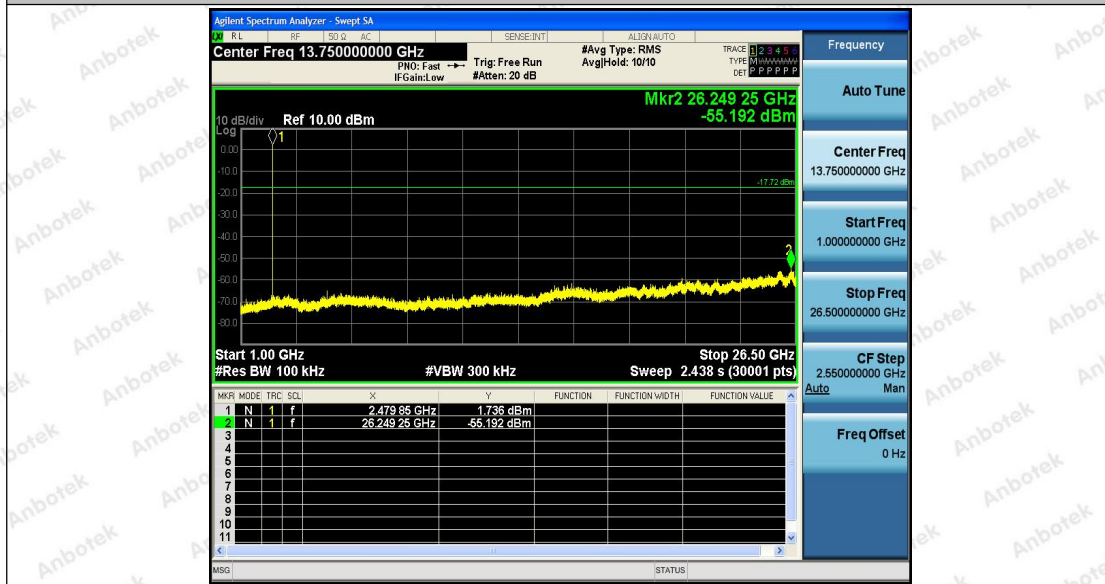
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BLE\_1M\_Ant1\_2480\_1000~26500



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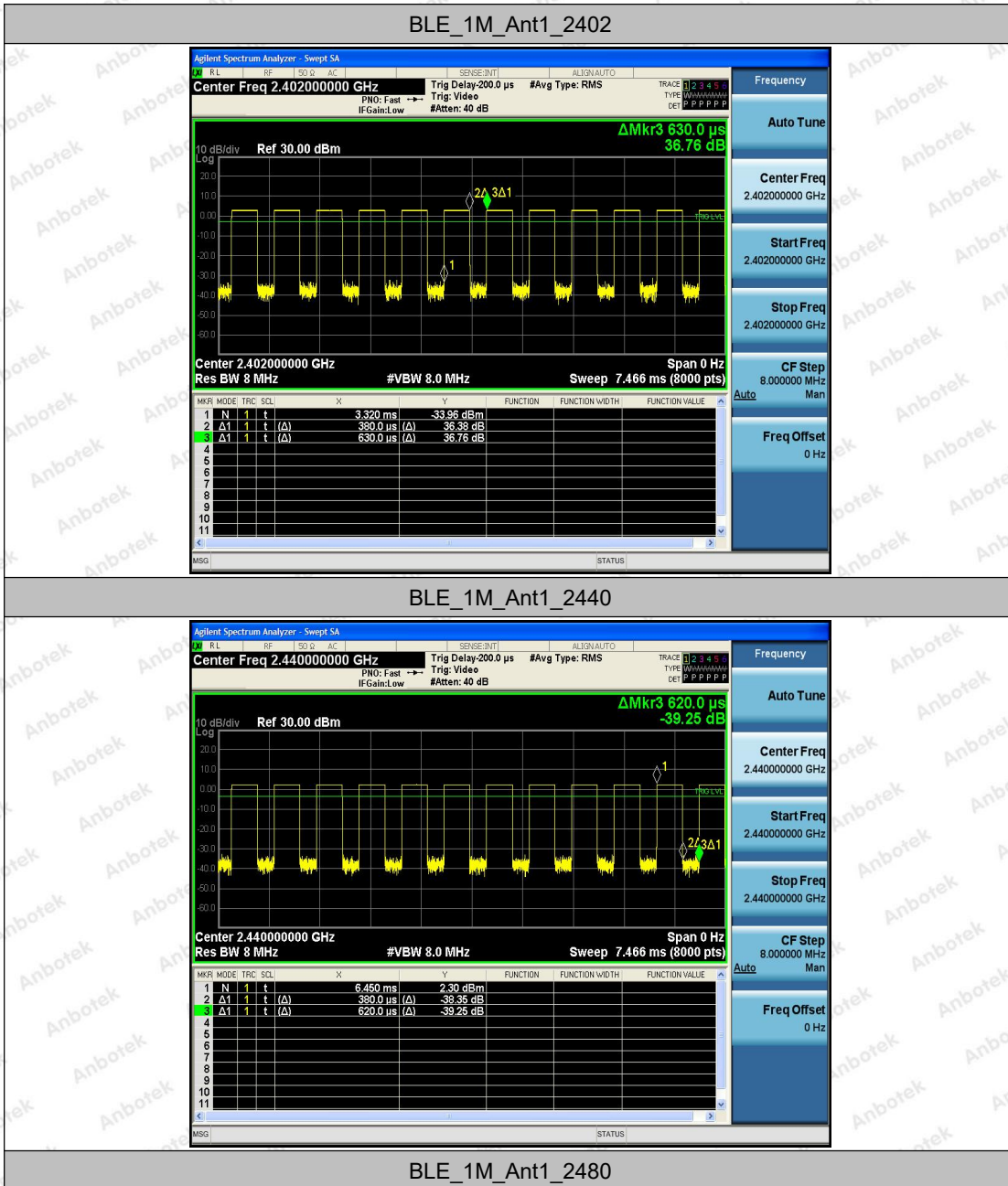
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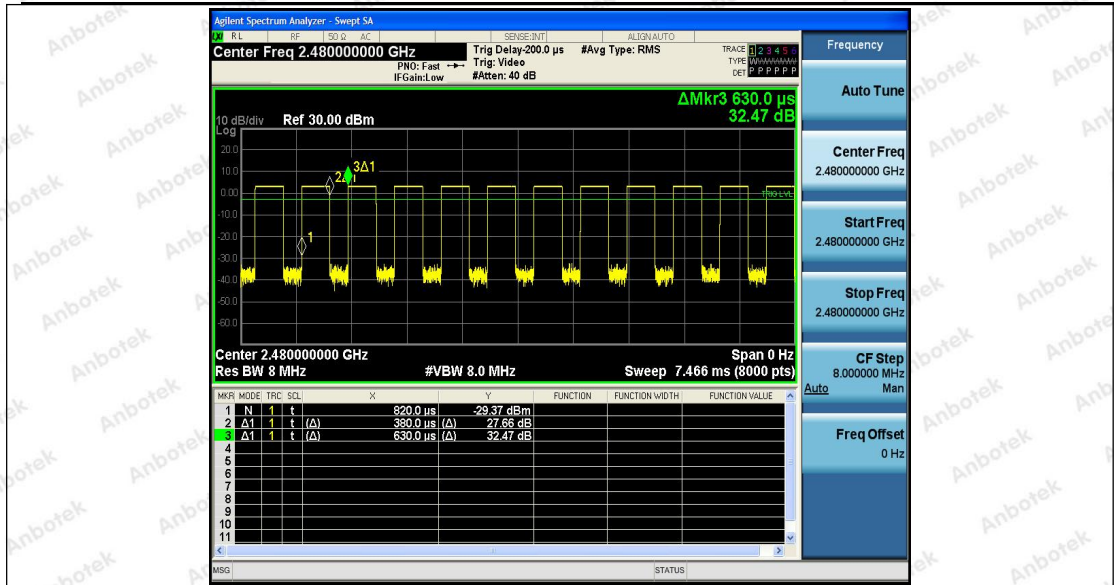
## Appendix G: Duty Cycle

### Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	60.32	2.20	---	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---