

## Appendix Test Data

Report No.:	18220WC20051401	Test Sample No.:	1-2-2
Start Test Date:	2022.3.22	Finish Test Date:	2022.4.8
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	22.7°C	Relative Humidity:	53.9 %
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	2401.640	2402.344	≥0.5	PASS
		2440	0.688	2439.652	2440.340	≥0.5	PASS
		2480	0.676	2479.660	2480.336	≥0.5	PASS

## Test Graphs





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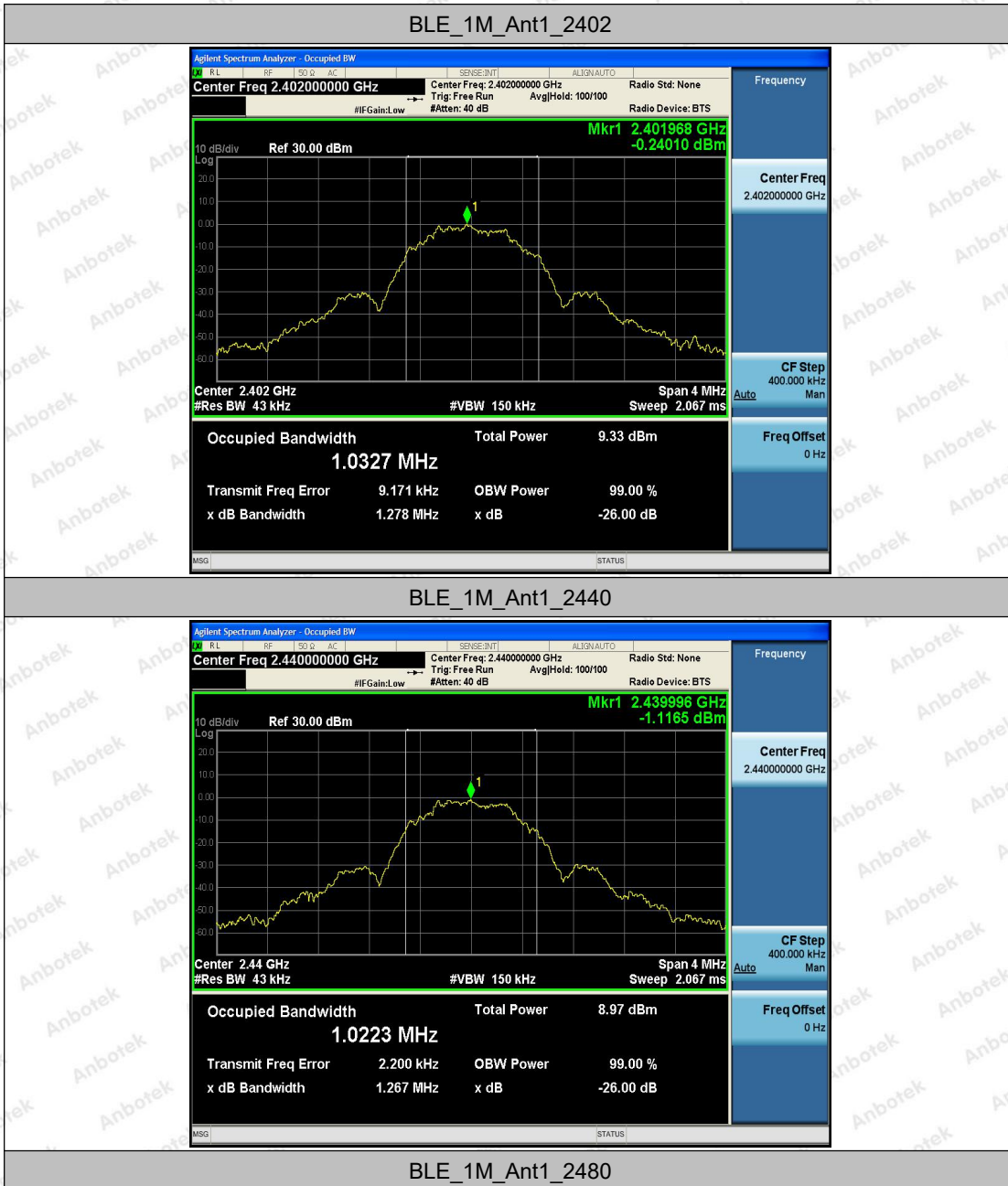
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0327	2401.493	2402.526	---	PASS
		2440	1.0223	2439.491	2440.513	---	PASS
		2480	1.0296	2479.493	2480.523	---	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	2.96	≤30	PASS
		2440	2.64	≤30	PASS
		2480	3.33	≤30	PASS

## Test Graphs



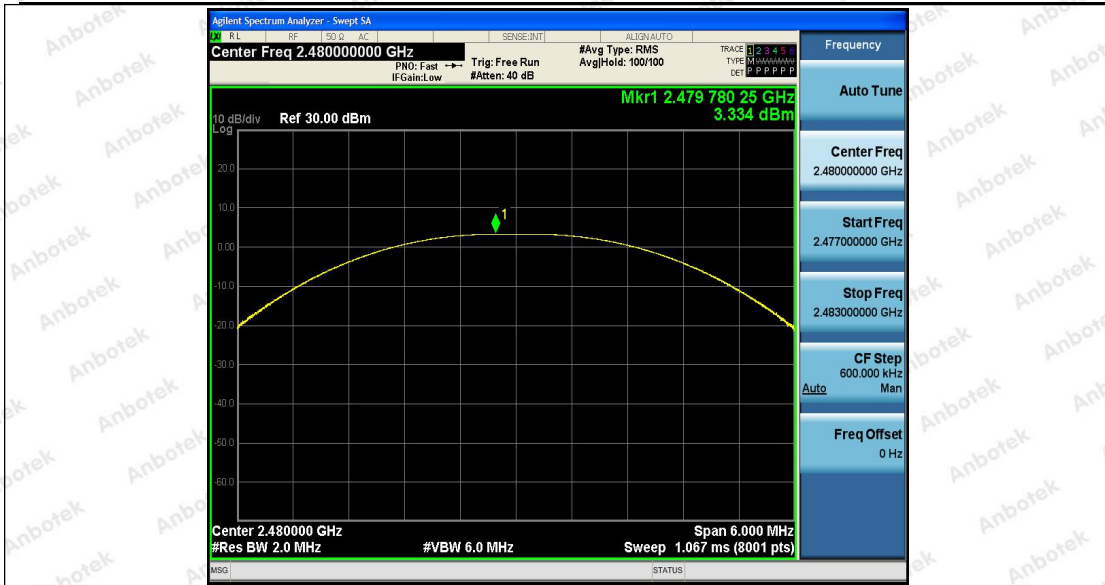
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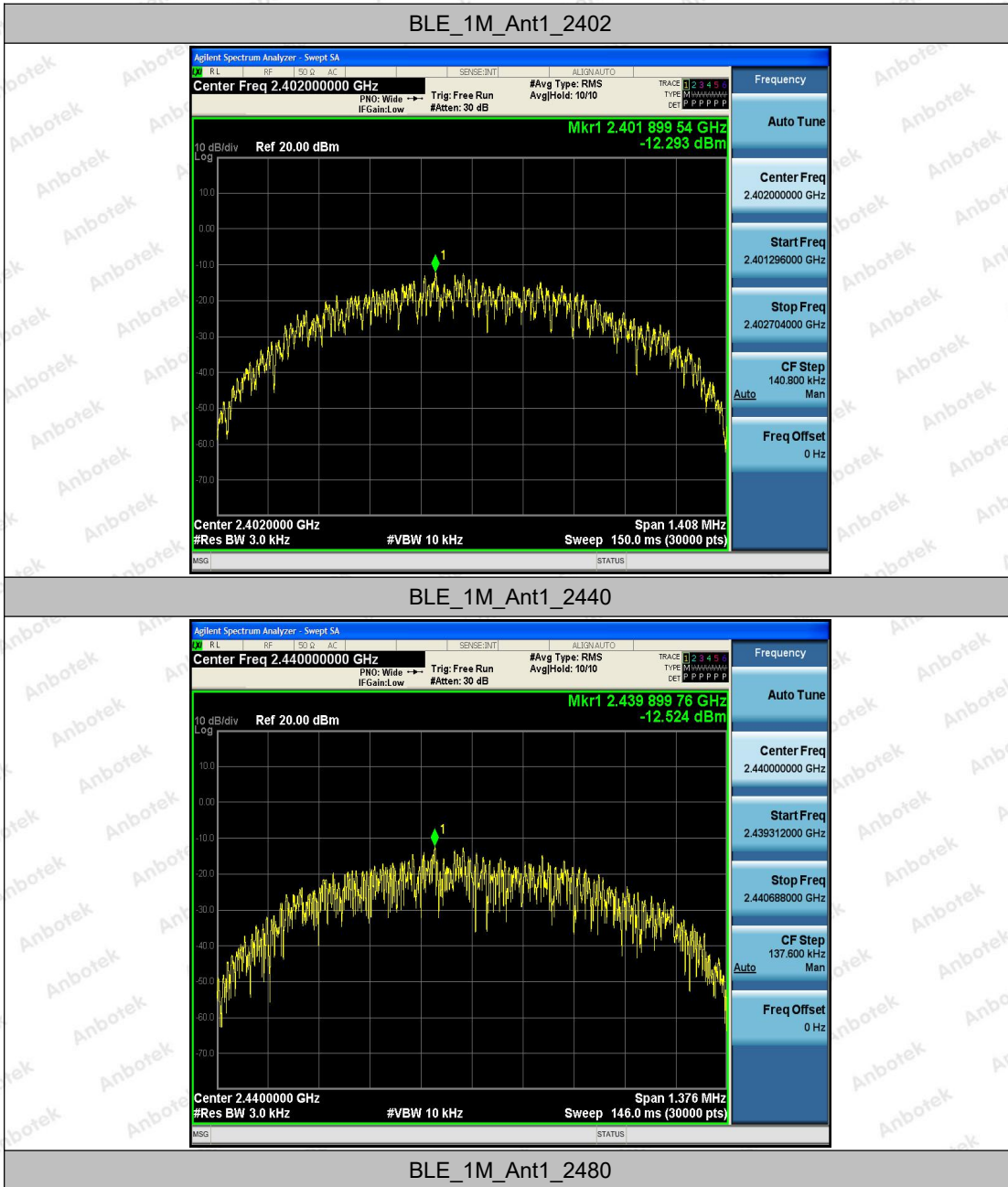
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.29	≤8	PASS
		2440	-12.52	≤8	PASS
		2480	-11.76	≤8	PASS

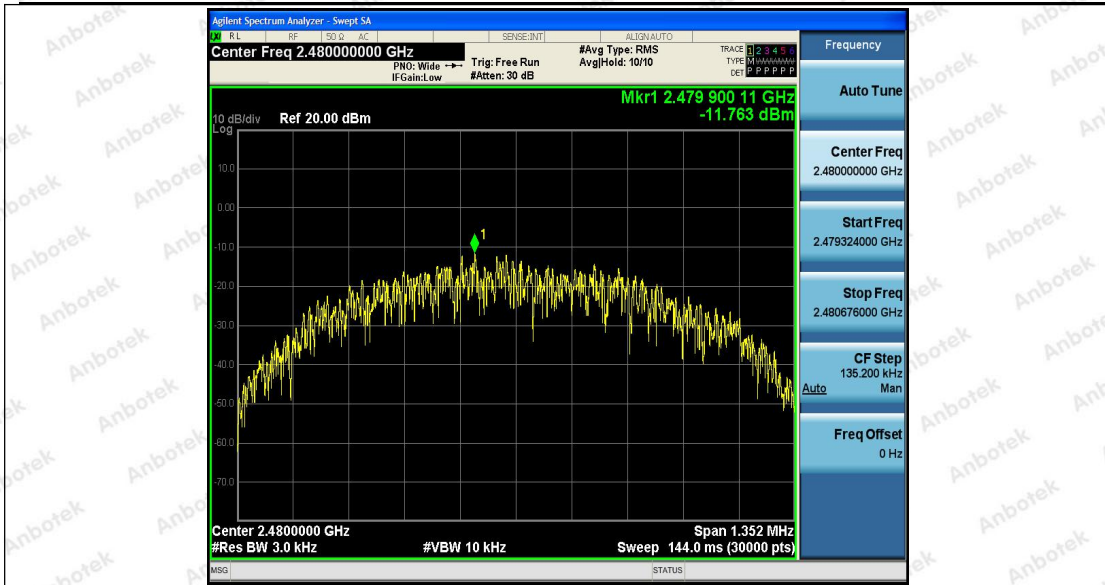
## Test Graphs



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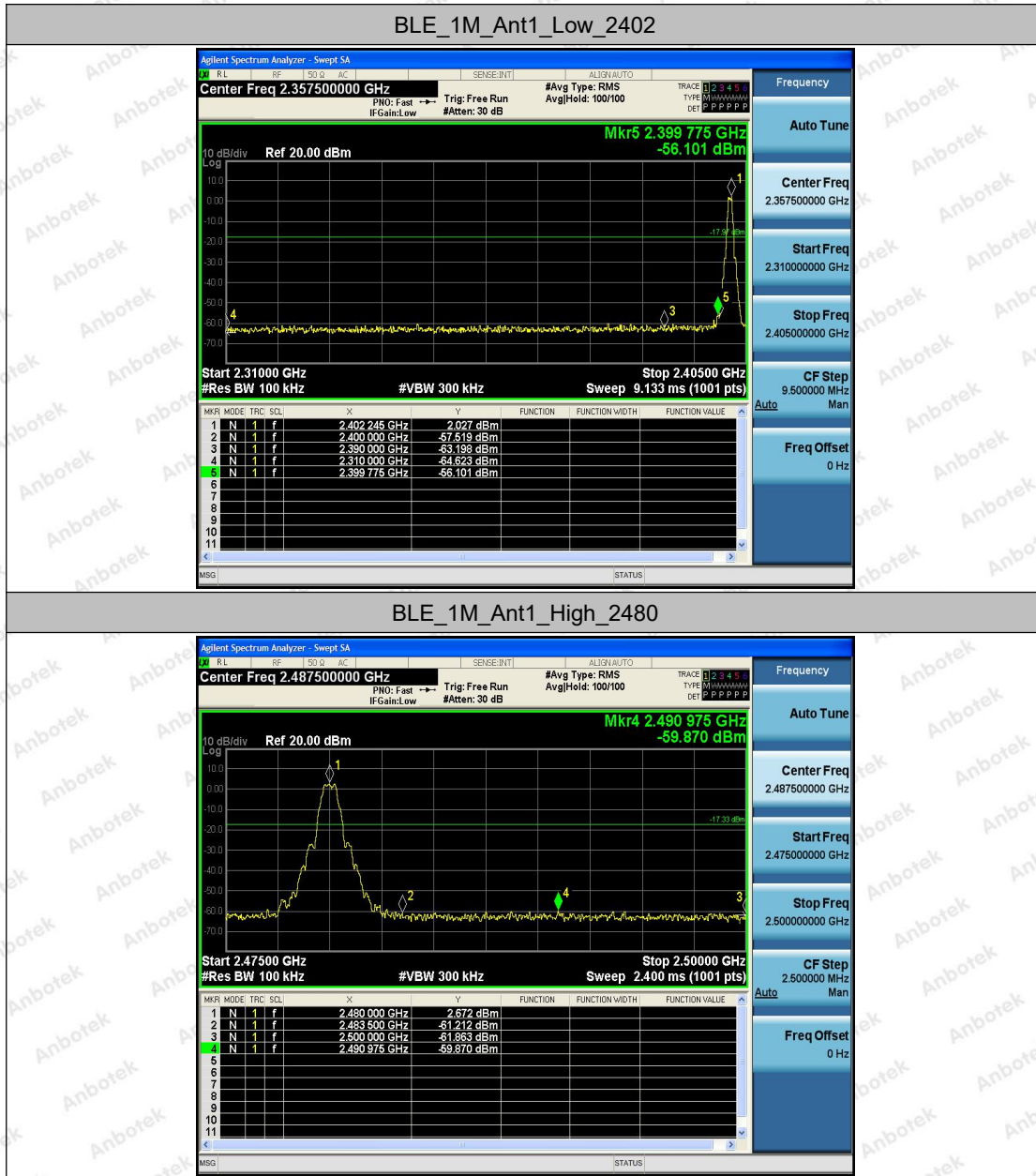
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.03	-56.1	≤-17.97	PASS
		High	2480	2.67	-59.87	≤-17.33	PASS

## Test Graphs



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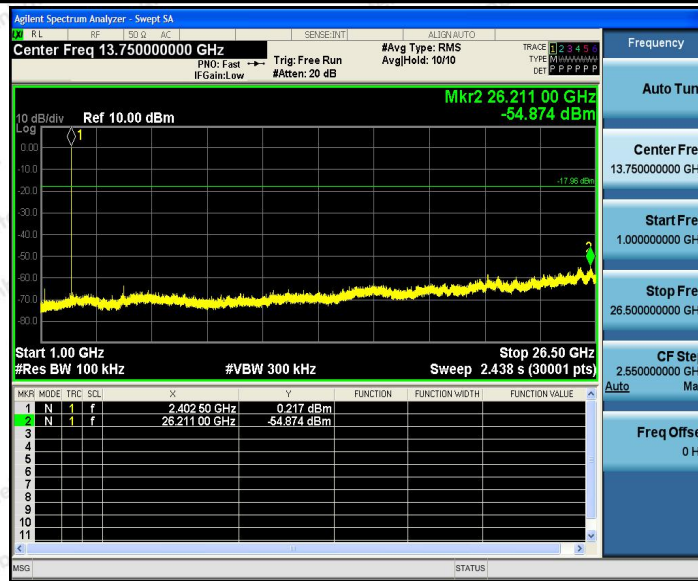
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.04	2.04	---	PASS
			30~1000	2.04	-70.21	≤-17.96	PASS
			1000~265 00	2.04	-54.87	≤-17.96	PASS
		2440	Reference	1.73	1.73	---	PASS
			30~1000	1.73	-69.53	≤-18.27	PASS
			1000~265 00	1.73	-55.51	≤-18.27	PASS
		2480	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-70.16	≤-17.52	PASS
			1000~265 00	2.48	-55.24	≤-17.52	PASS



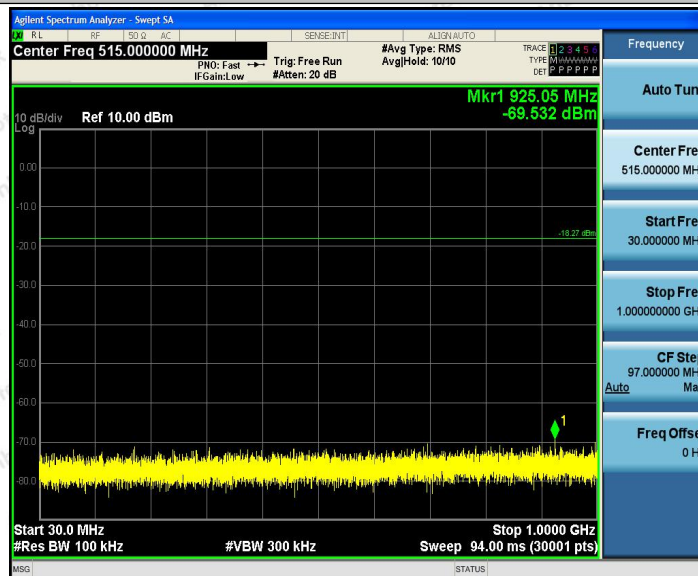




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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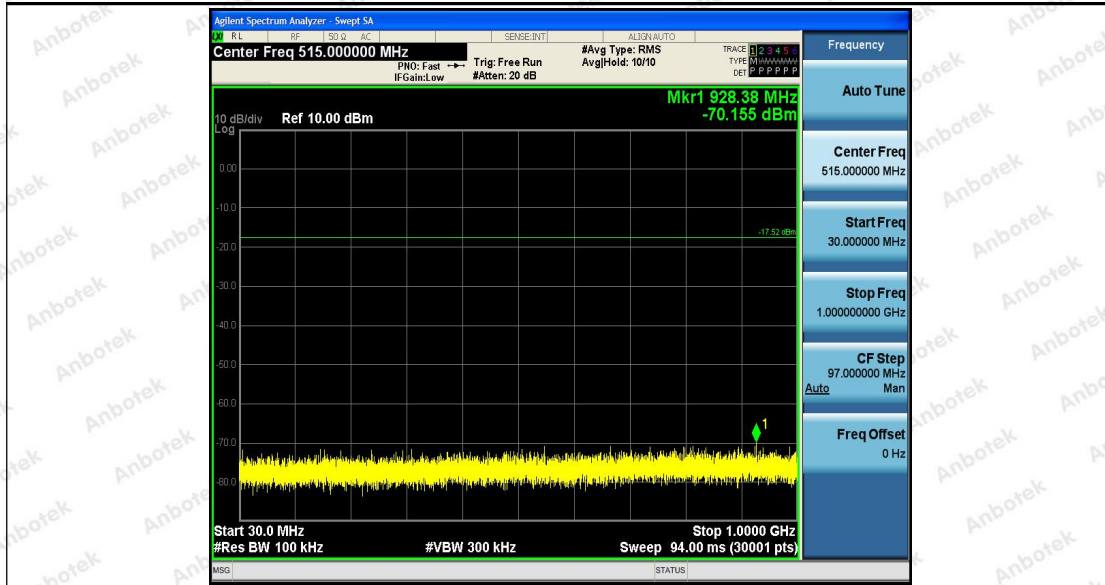
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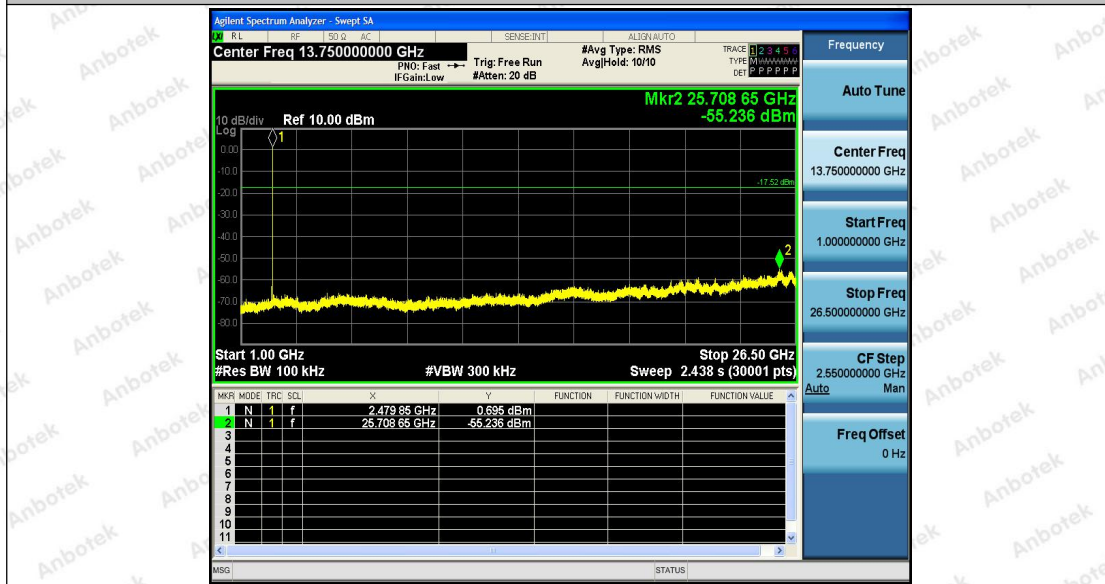
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BLE\_1M\_Ant1\_2480\_1000~26500



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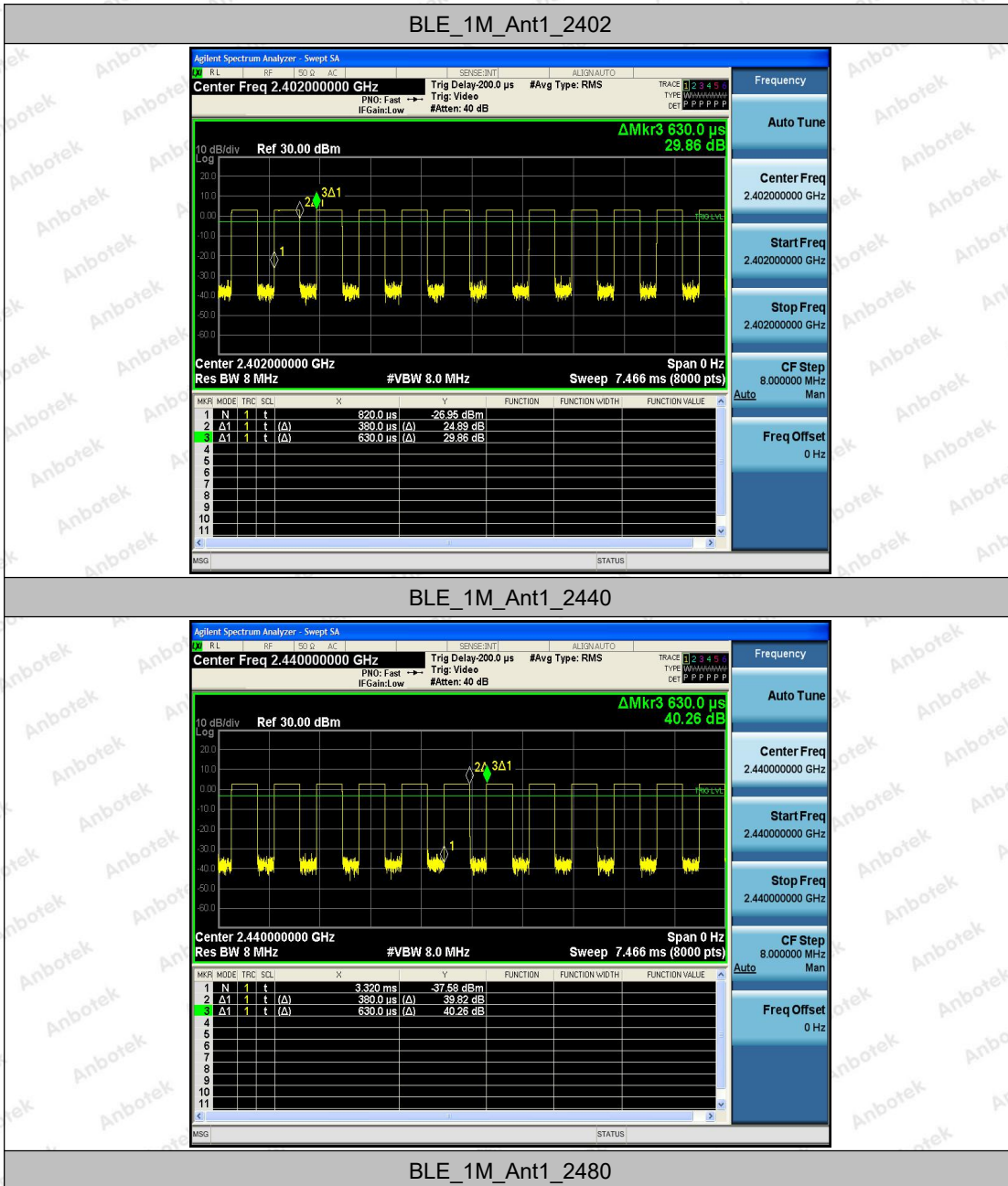
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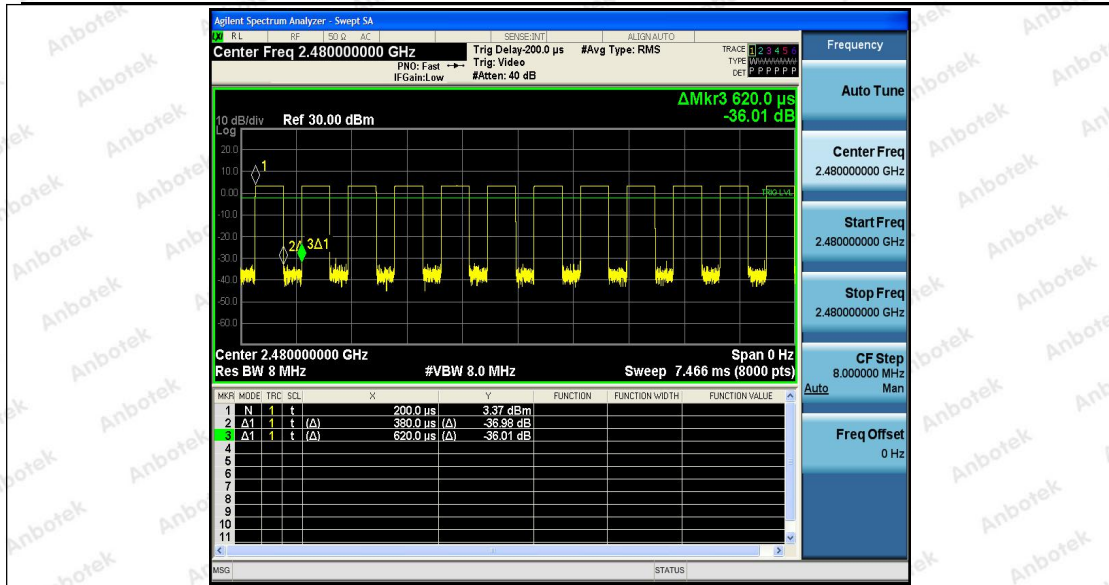
## Appendix G: Duty Cycle

### 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	0.62	0.612 9	61.29	2.13	---	PASS

## Test Graphs





---End---