

## Appendix Test Data

Report No.:	18220WC10261901	Test Sample No.:	1-2-2
Start Test Date:	2021.11.27	Finish Test Date:	2021.12.3
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	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	0.684	2401.648	2402.332	≥0.5	PASS
		2440	0.700	2439.644	2440.344	≥0.5	PASS
		2480	0.668	2479.660	2480.328	≥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	1.0278	2401.490	2402.517	---	PASS
		2440	1.0246	2439.494	2440.519	---	PASS
		2480	1.0283	2479.491	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	-0.27	≤30	PASS
		2440	-1.4	≤30	PASS
		2480	0.17	≤30	PASS

## Test Graphs

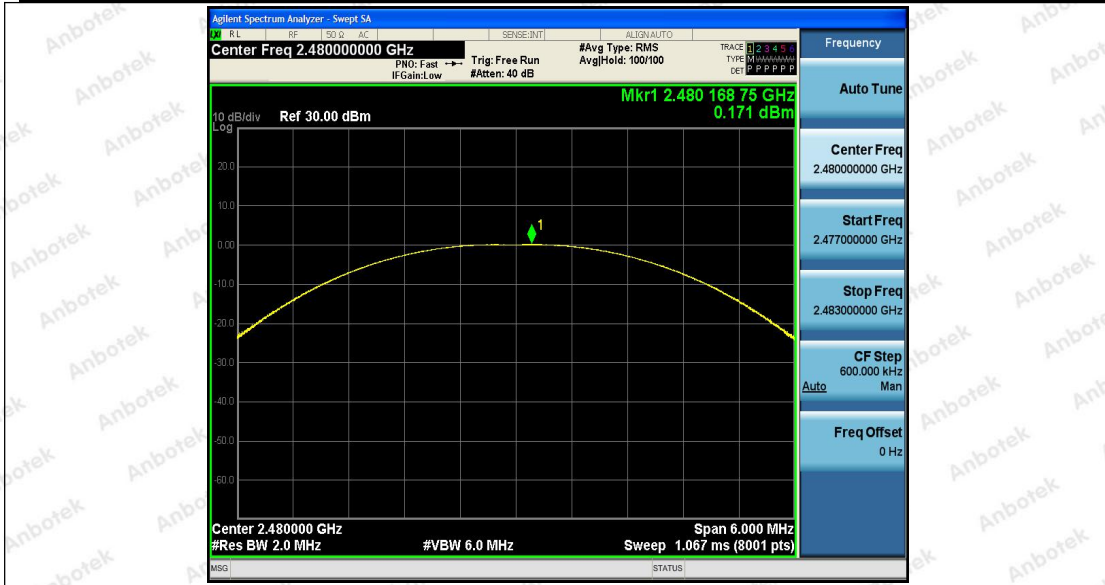


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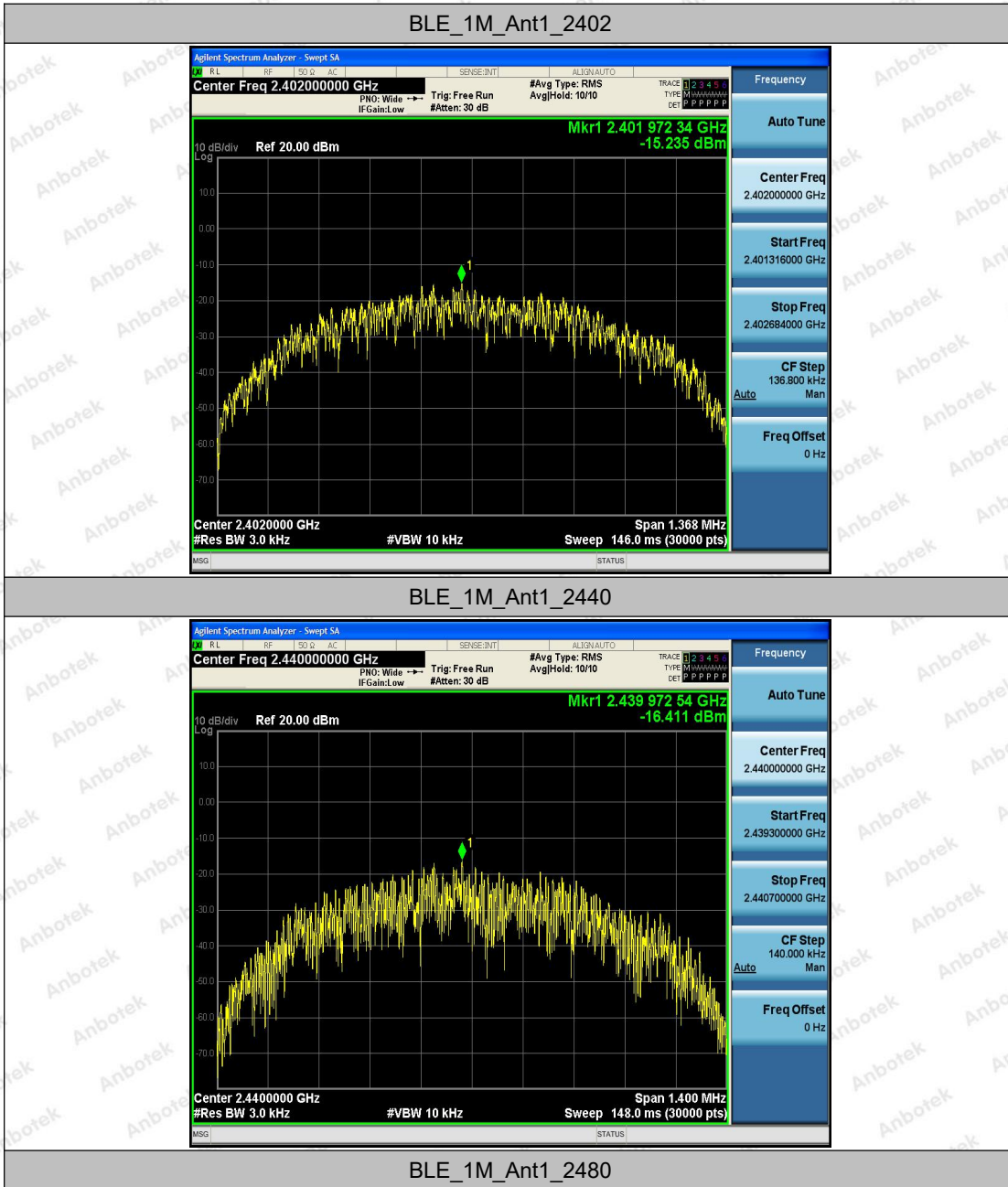
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.24	$\leq 8$	PASS
		2440	-16.41	$\leq 8$	PASS
		2480	-14.9	$\leq 8$	PASS

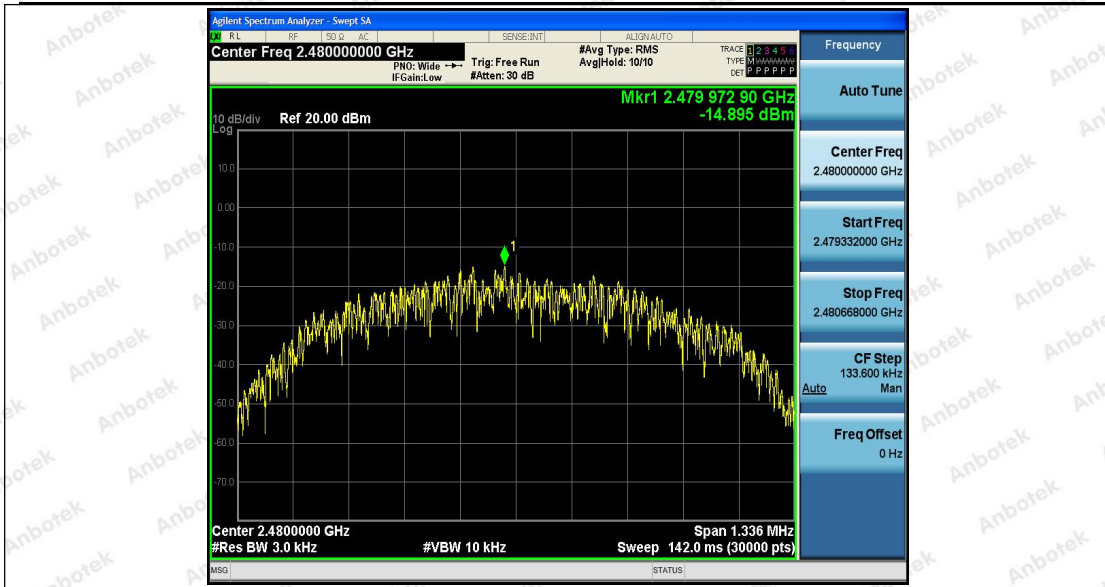
## Test Graphs



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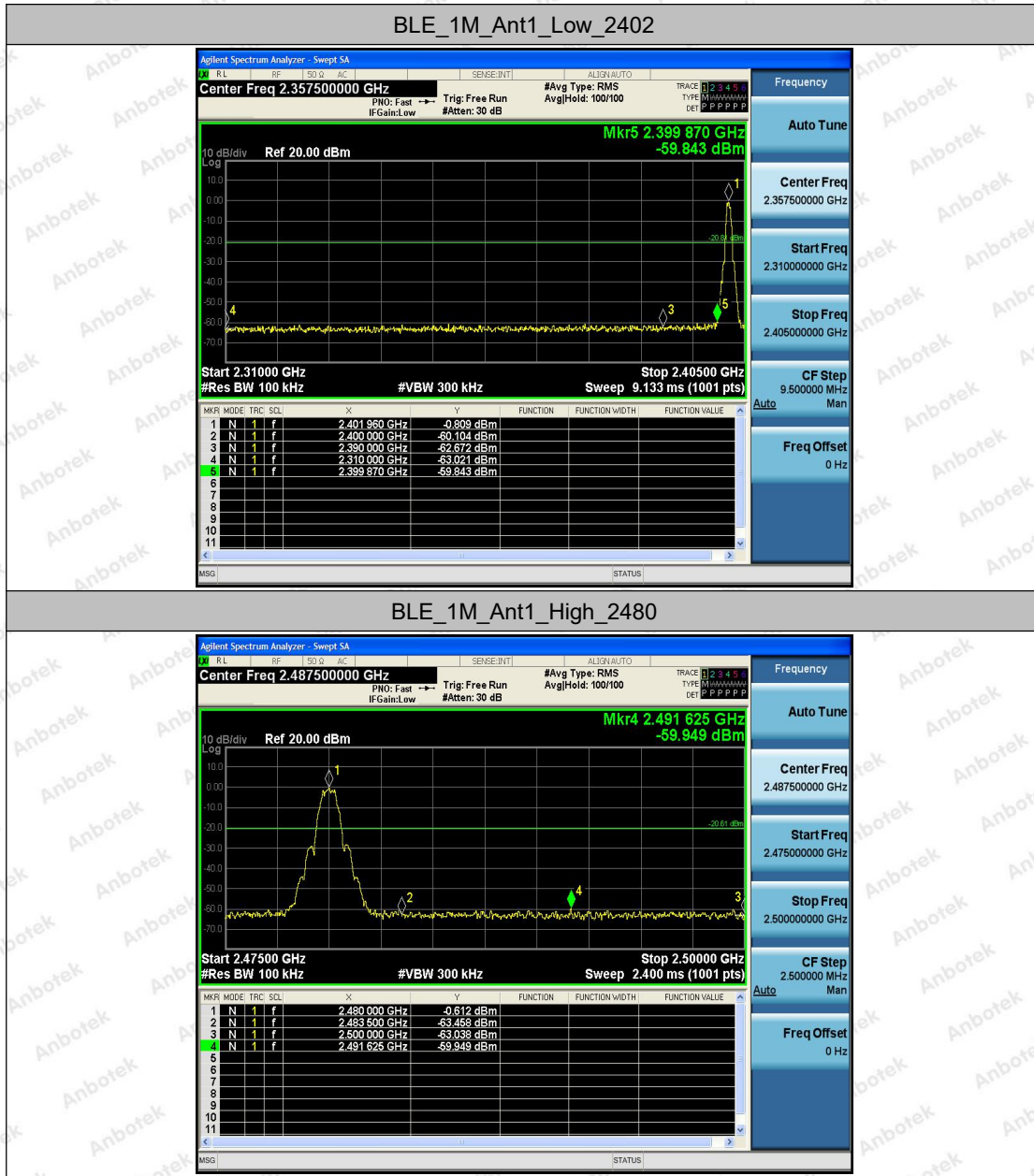
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.81	-59.84	≤-20.81	PASS
		High	2480	-0.61	-59.95	≤-20.61	PASS

## Test Graphs



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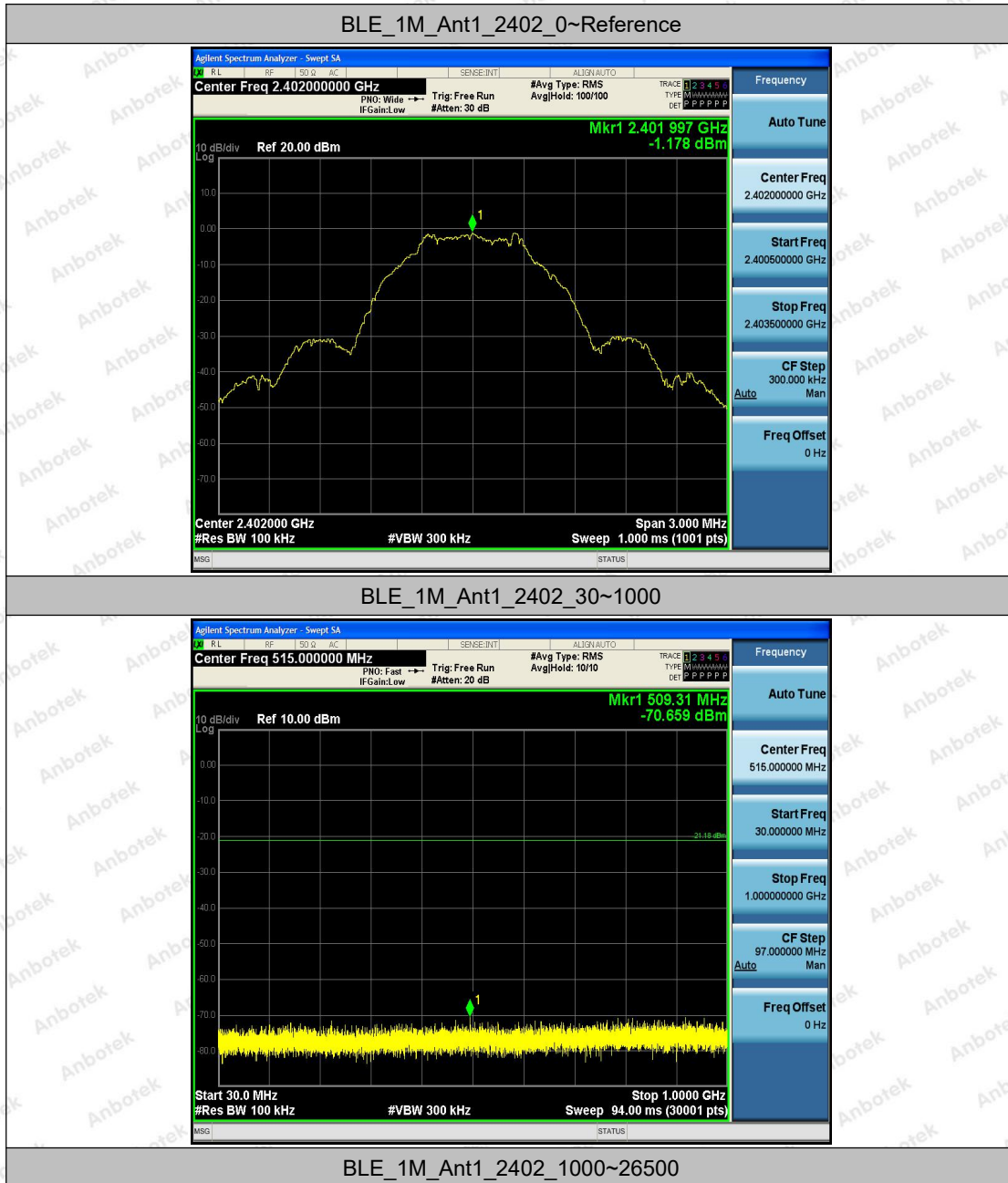
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## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.18	-1.18	---	PASS
			30~1000	-1.18	-70.66	≤-21.18	PASS
			1000~265 00	-1.18	-45.94	≤-21.18	PASS
		2440	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-69.14	≤-22.22	PASS
			1000~265 00	-2.22	-50.17	≤-22.22	PASS
		2480	Reference	-0.84	-0.84	---	PASS
			30~1000	-0.84	-67.95	≤-20.84	PASS
			1000~265 00	-0.84	-49.33	≤-20.84	PASS

## Test Graphs

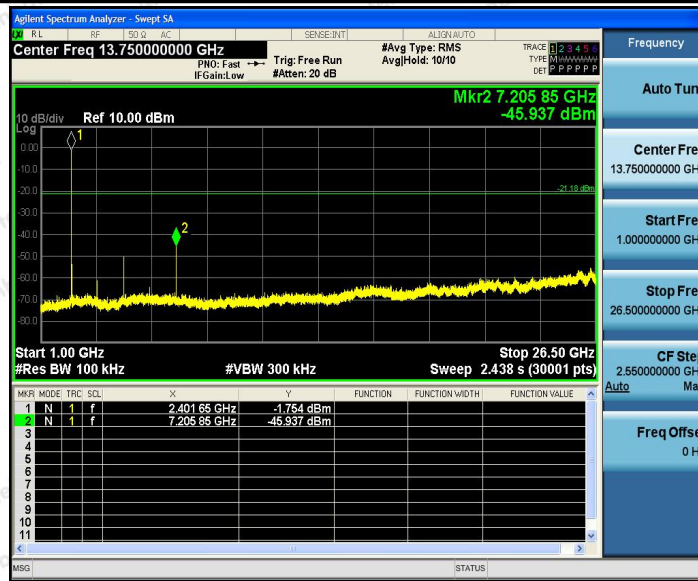


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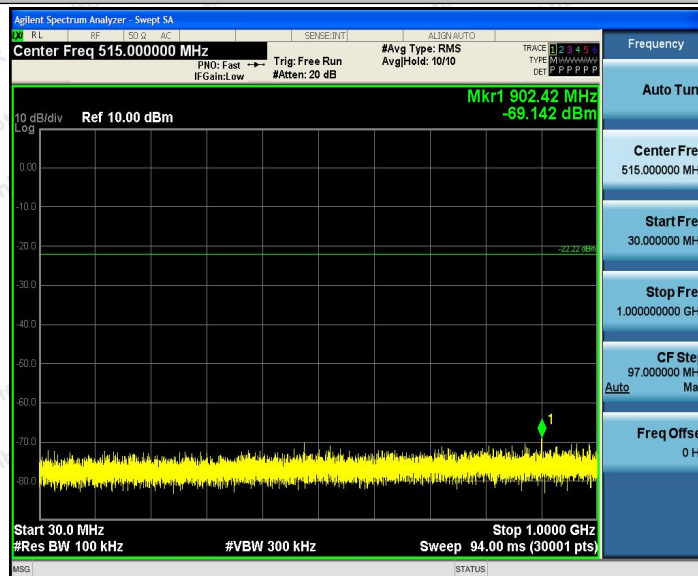




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000

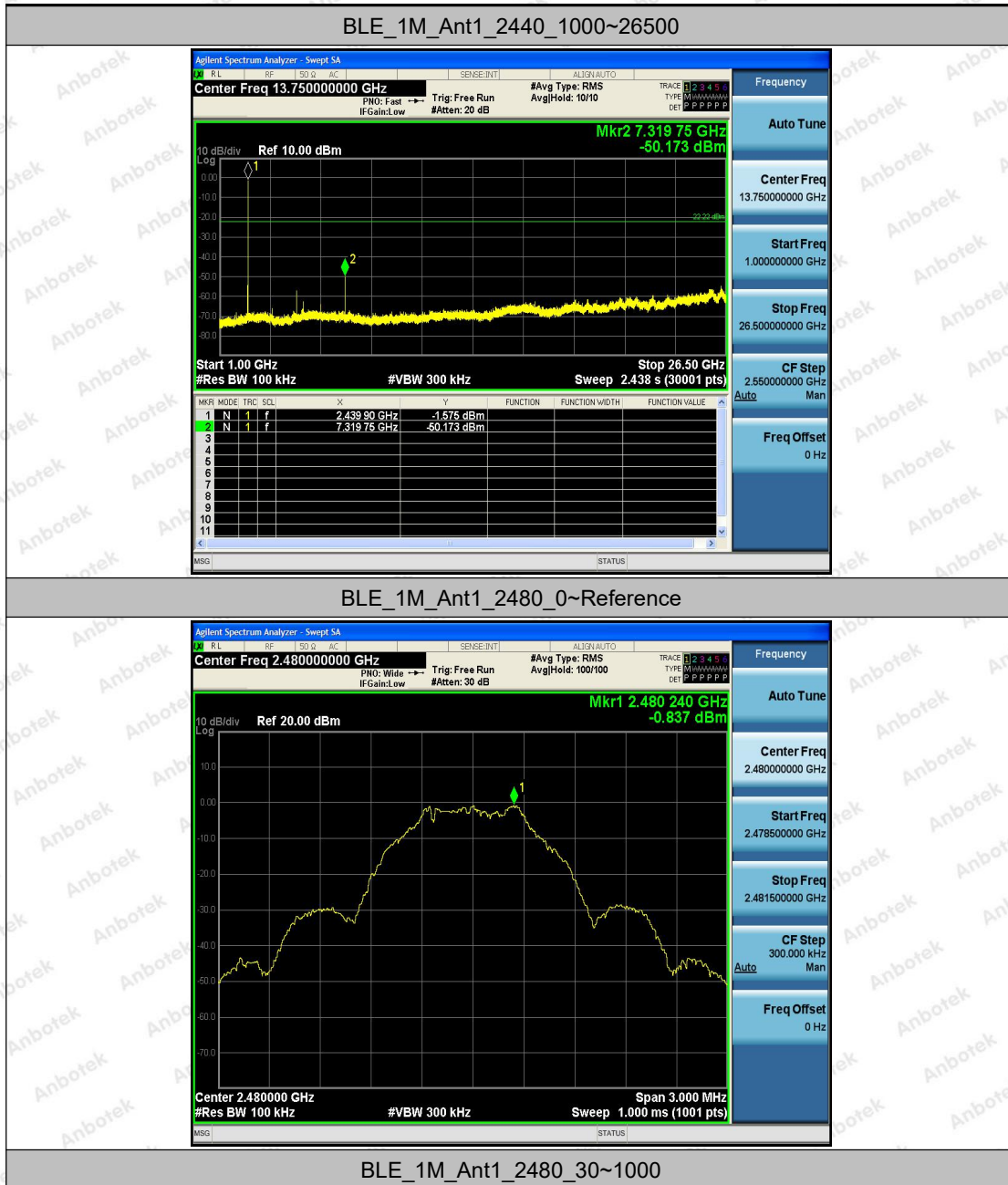


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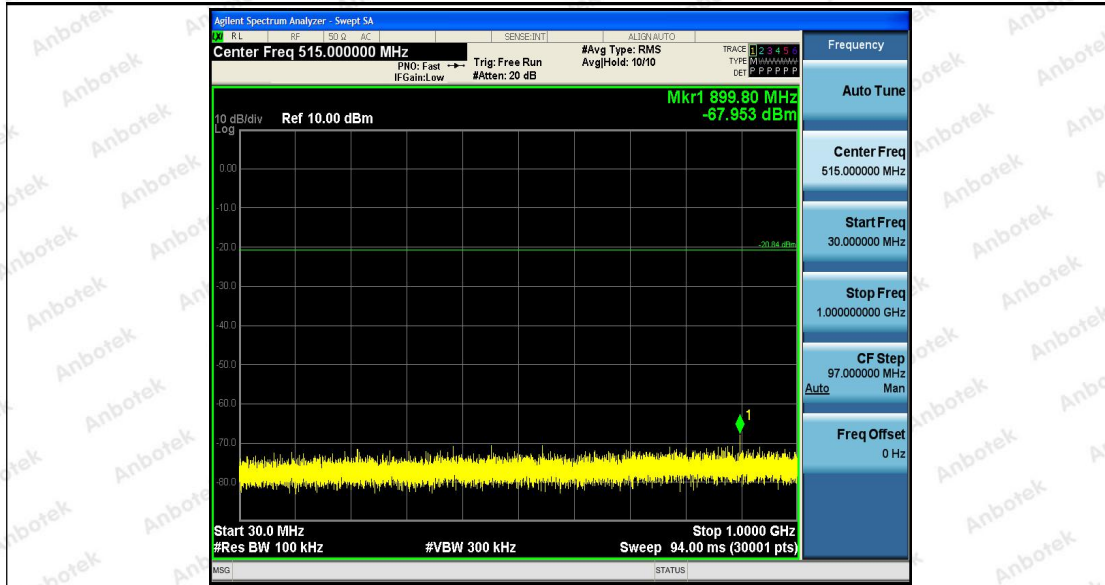


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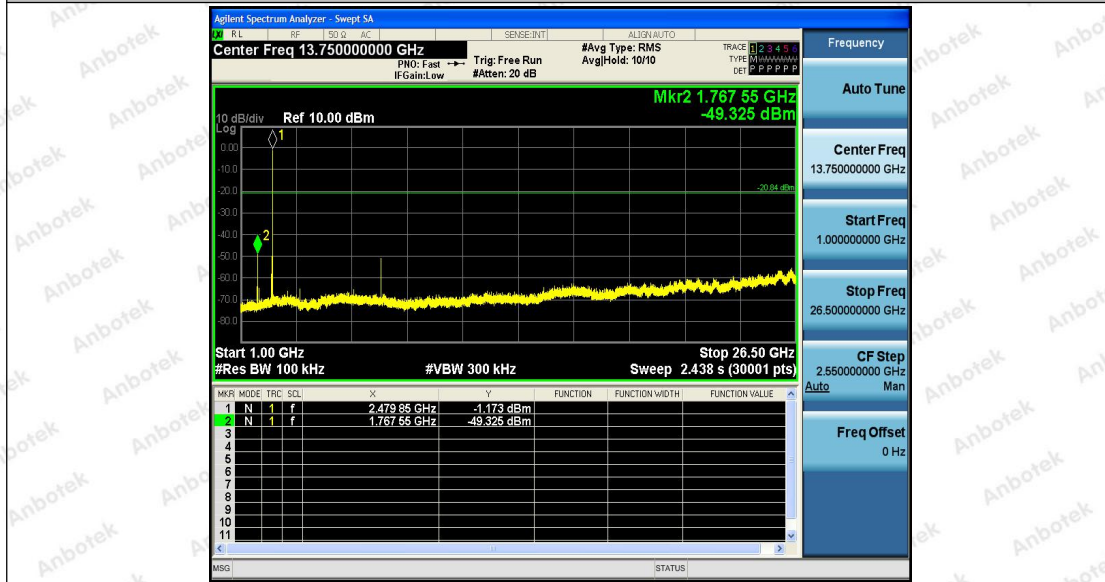
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BLE\_1M\_Ant1\_2480\_1000~26500



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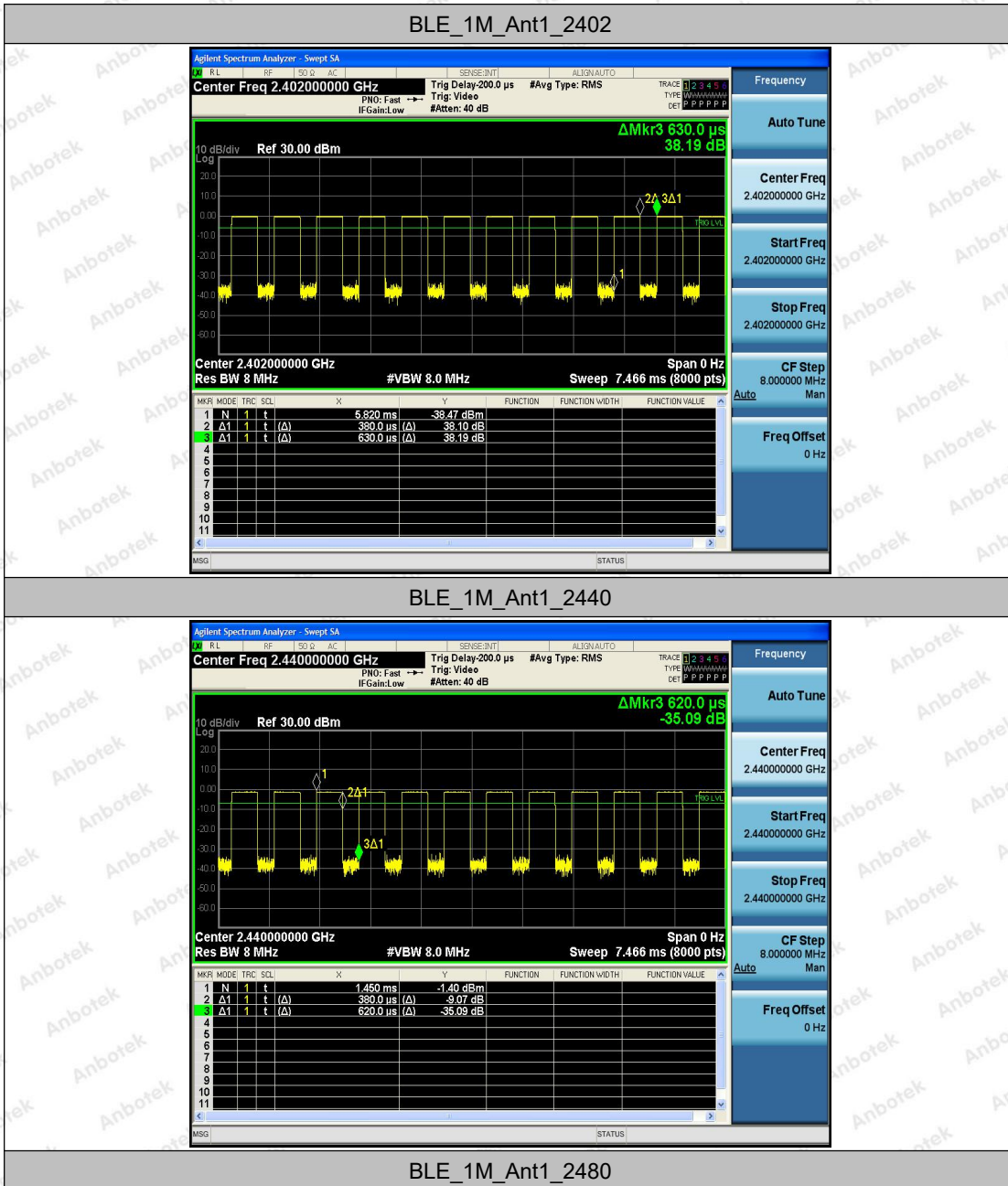
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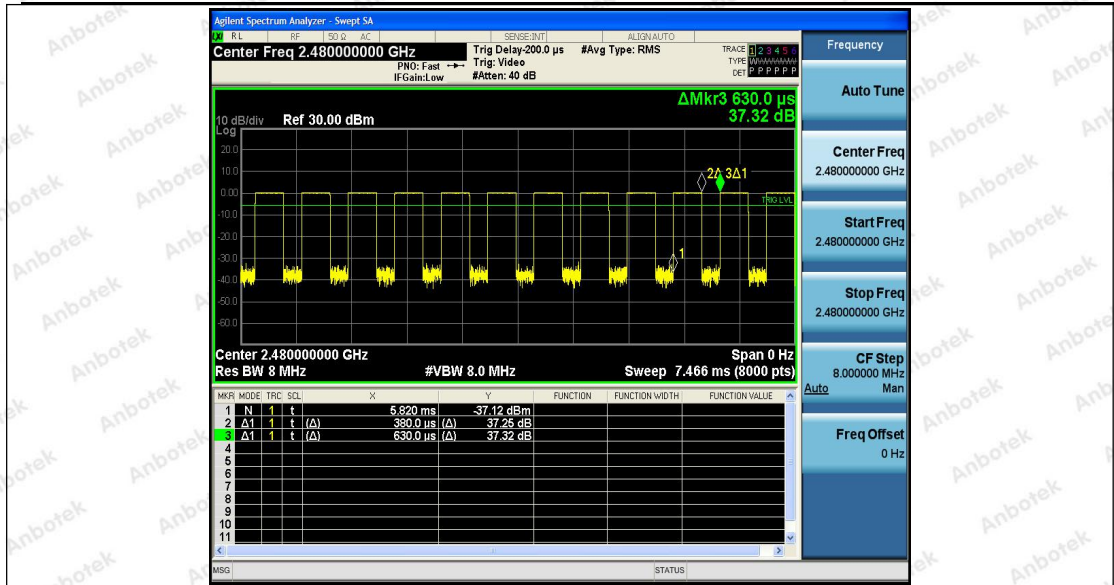
## Appendix G: Duty Cycle

### 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	0.62	0.612 9	61.29	2.13	---	PASS
		2480	0.38	0.63	0.603 2	60.32	2.20	---	PASS

## Test Graphs





---End---

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