

## Appendix Test Data

Report No.:	18220WC20125701	Test Sample No.:	1-2-2
Start Test Date:	2022.6.14	Finish Test Date:	2022.6.21
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.5 %
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	0.676	2401.676	2402.352	≥0.5	PASS
		2440	0.676	2439.668	2440.344	≥0.5	PASS
		2480	0.676	2479.672	2480.348	≥0.5	PASS

## Test Graphs





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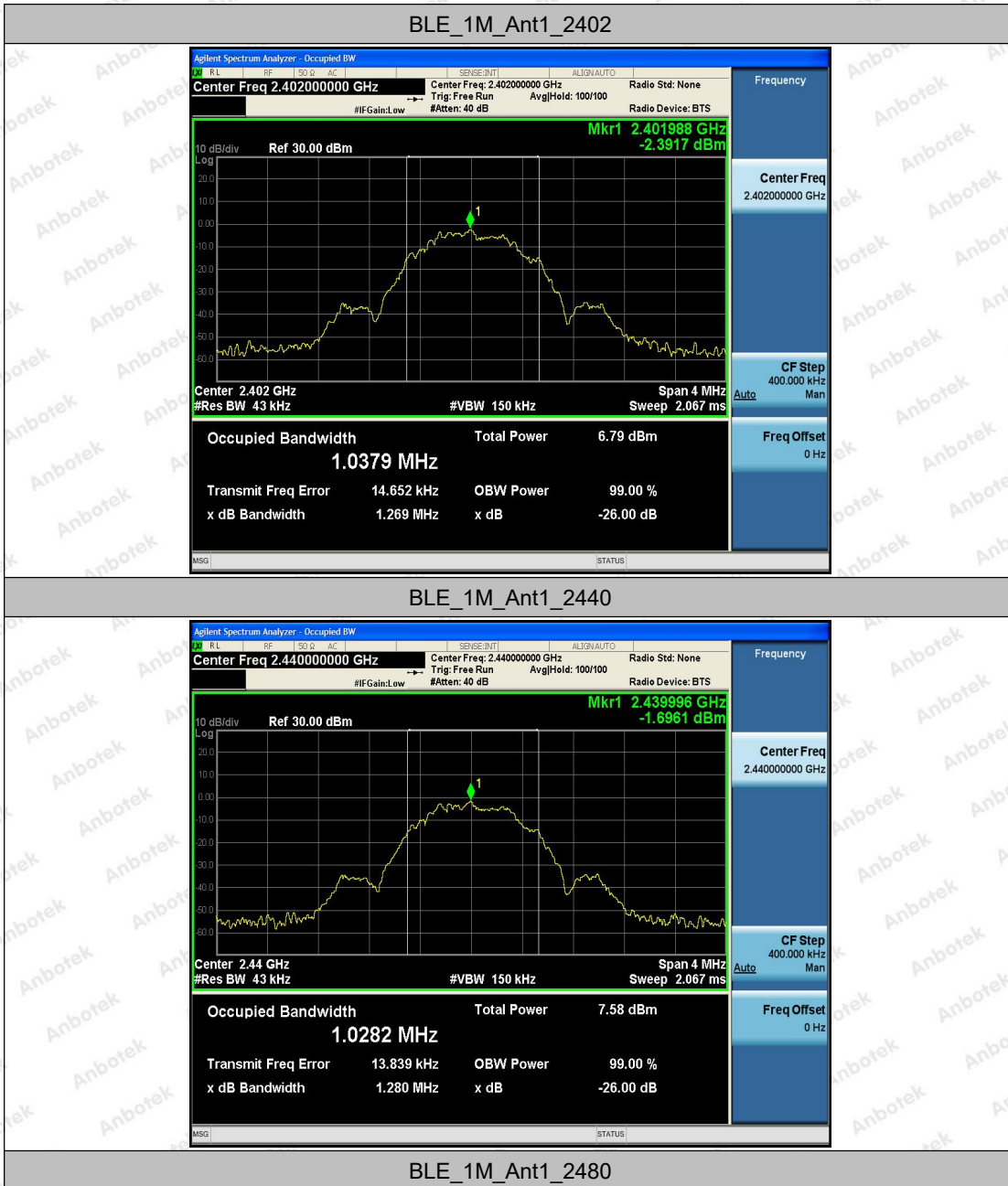
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## Appendix B: Occupied Channel Bandwidth

### Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0379	2401.496	2402.534	---	PASS
		2440	1.0282	2439.500	2440.528	---	PASS
		2480	1.0365	2479.496	2480.533	---	PASS

## Test Graphs





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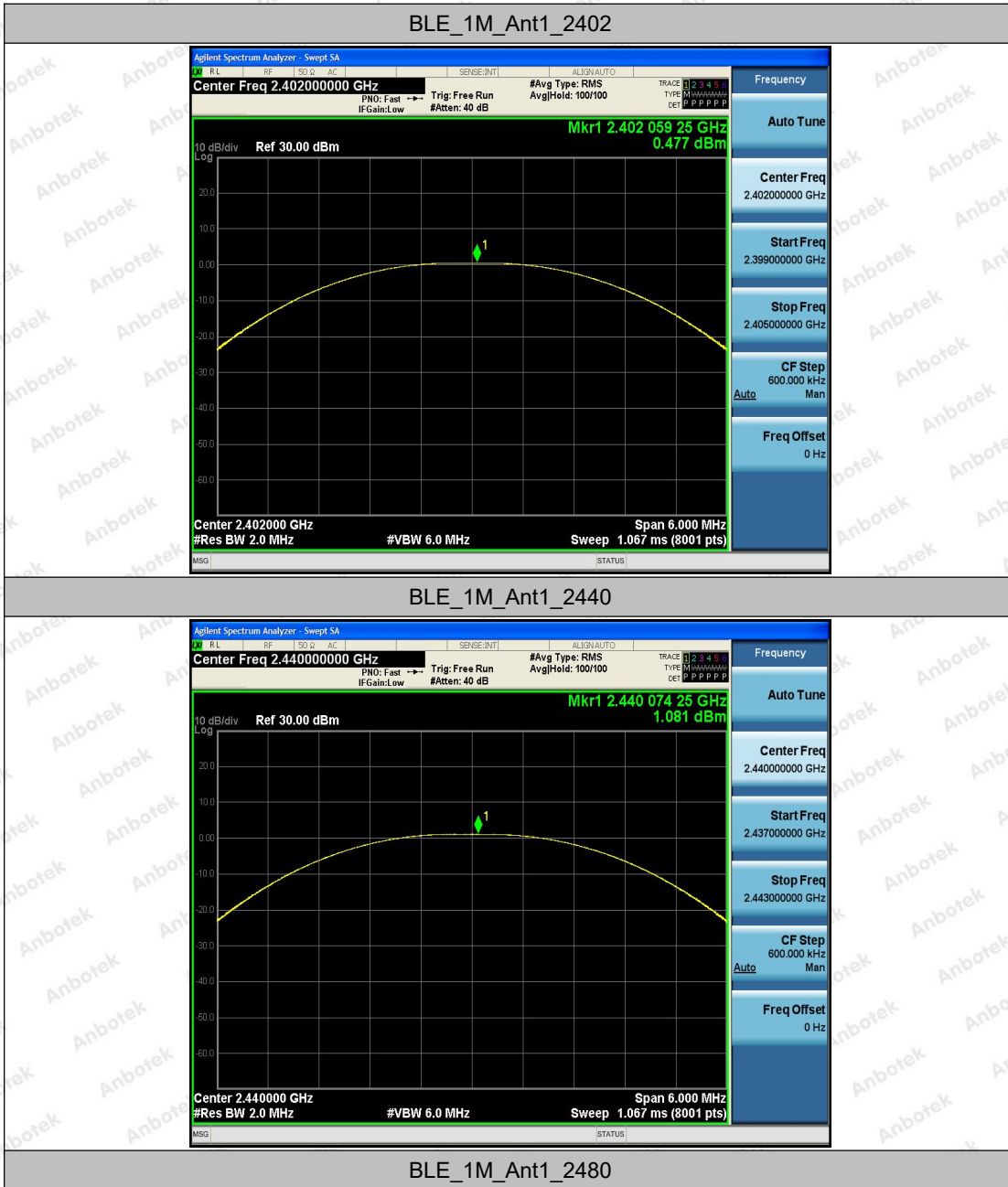
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## Appendix C: Maximum conducted output power

### Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.48	≤30	PASS
		2440	1.08	≤30	PASS
		2480	0.8	≤30	PASS

## Test Graphs

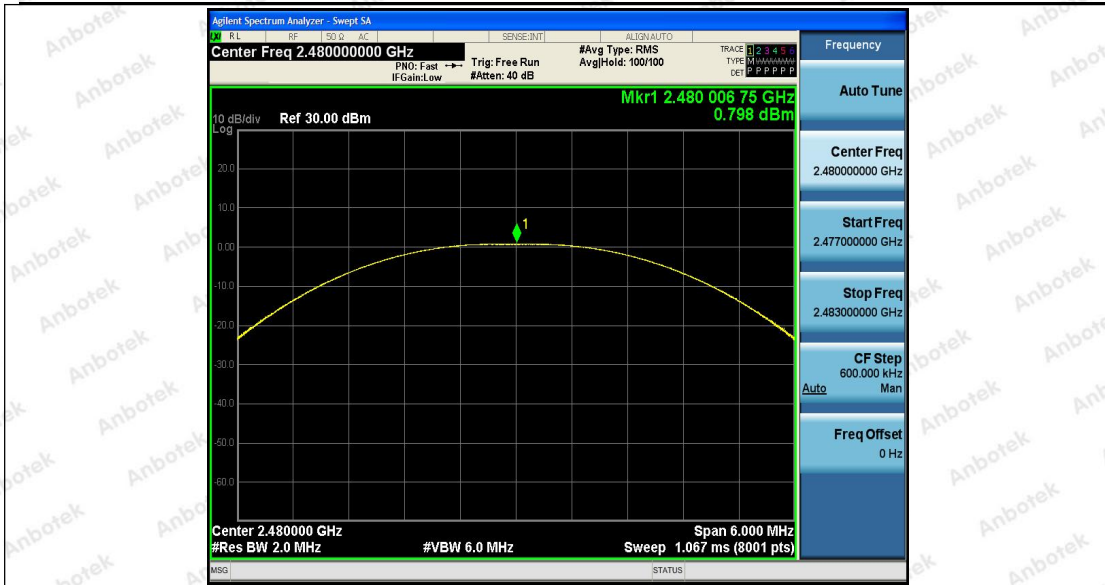


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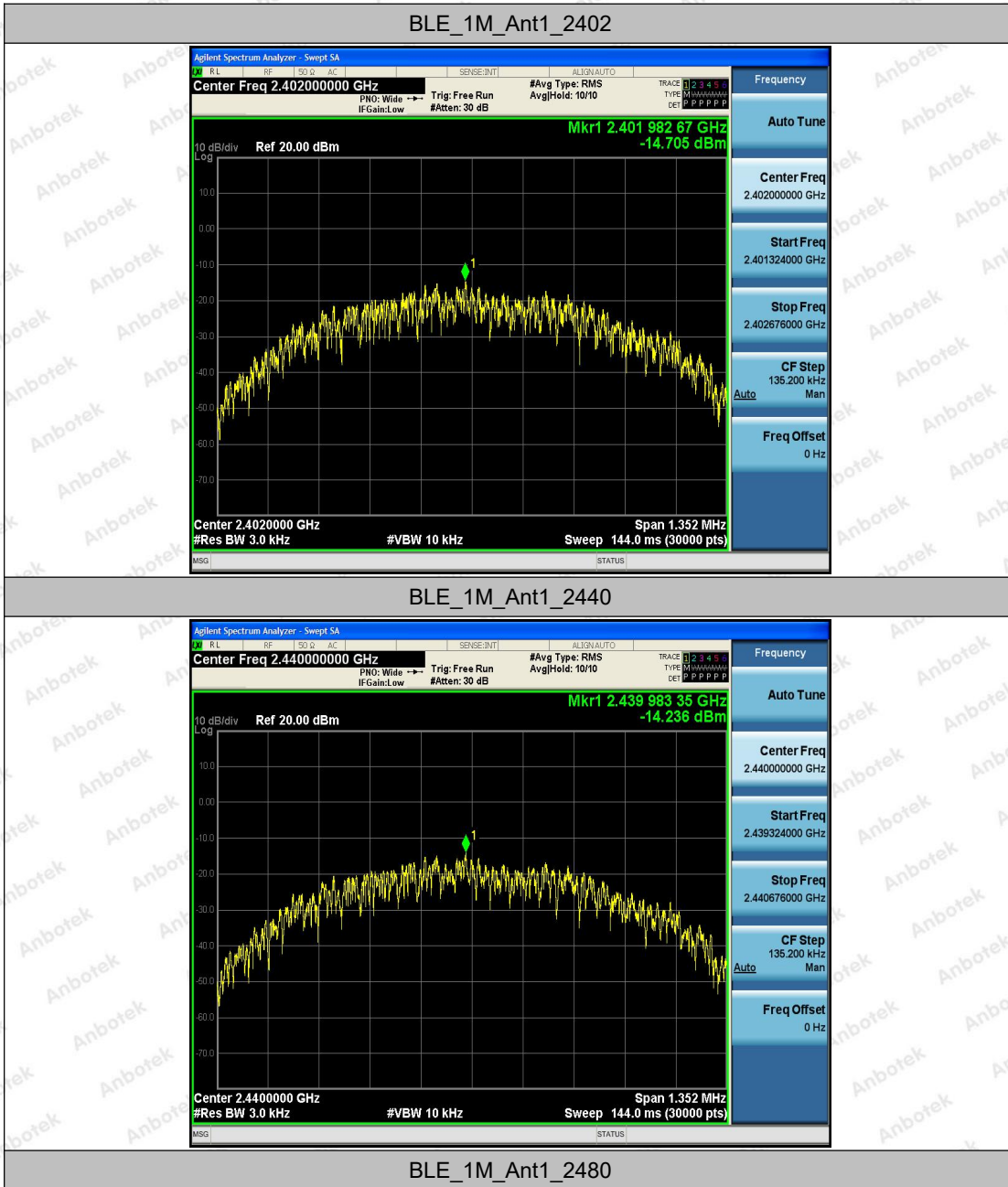
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## Appendix D: Maximum power spectral density

### Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.71	≤8	PASS
		2440	-14.24	≤8	PASS
		2480	-14.59	≤8	PASS

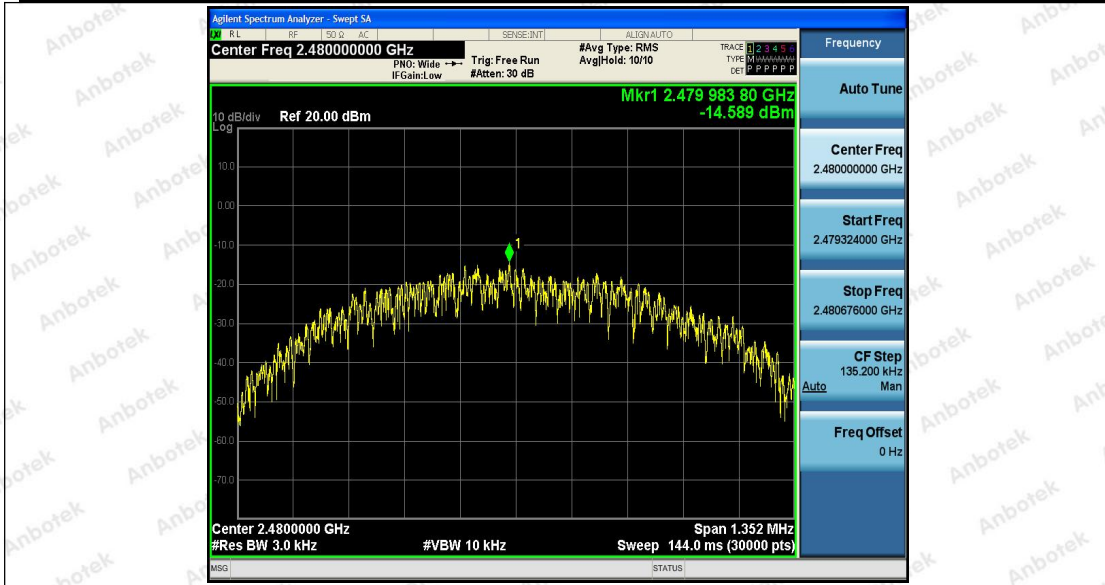
## Test Graphs



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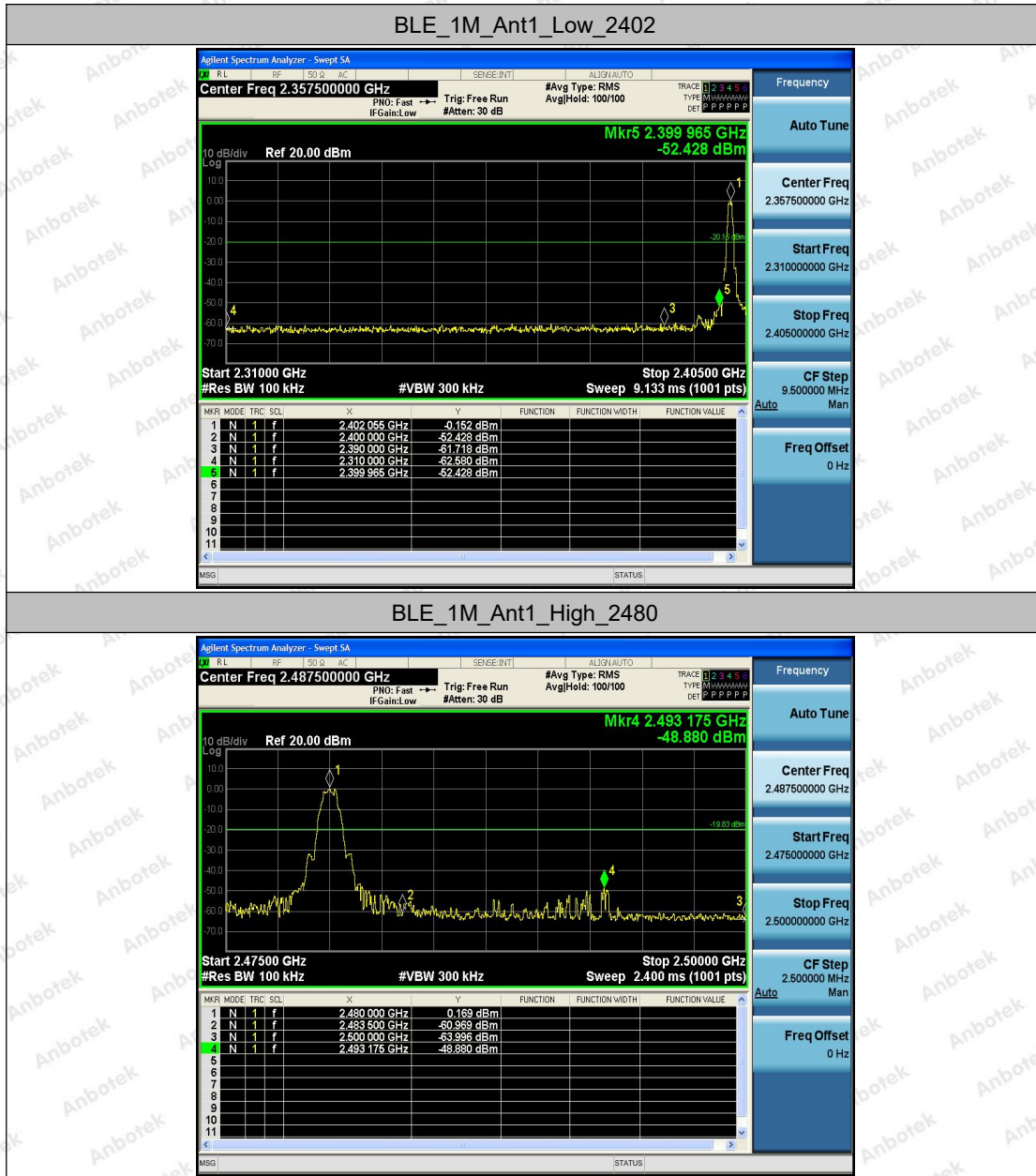
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## Appendix E: Band edge measurements

### Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.15	-52.43	≤-20.15	PASS
		High	2480	0.17	-48.88	≤-19.83	PASS

## Test Graphs

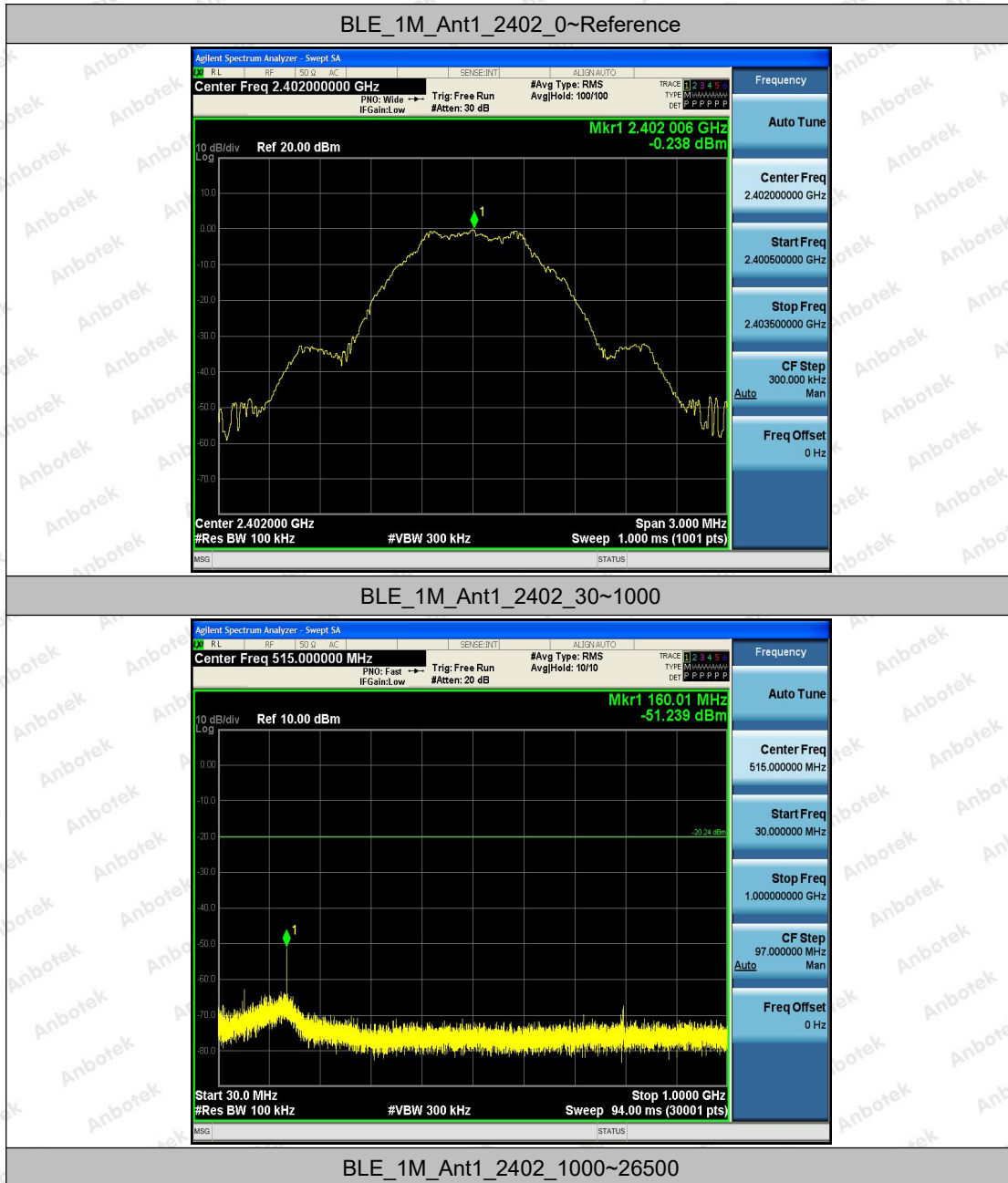


## Appendix F: Conducted Spurious Emission

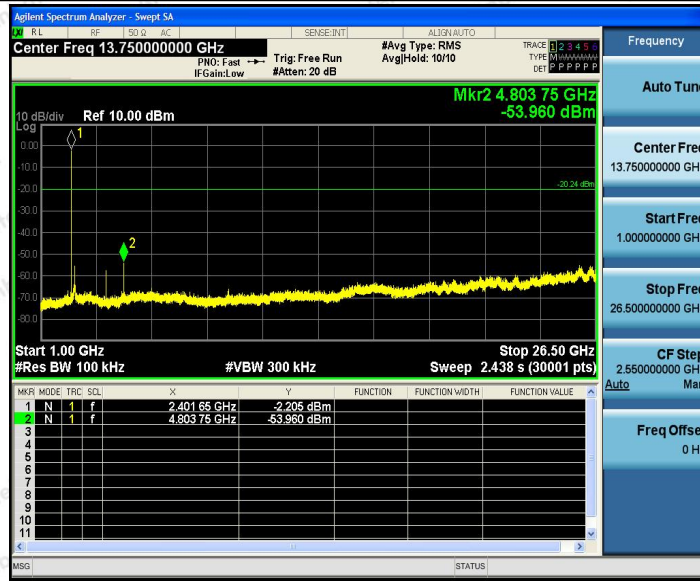
### Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.24	-0.24	---	PASS
			30~1000	-0.24	-51.24	≤-20.24	PASS
			1000~26500	-0.24	-53.96	≤-20.24	PASS
		2440	Reference	0.23	0.23	---	PASS
			30~1000	0.23	-50.77	≤-19.77	PASS
			1000~26500	0.23	-52.72	≤-19.77	PASS
		2480	Reference	0.09	0.09	---	PASS
			30~1000	0.09	-50.96	≤-19.91	PASS
			1000~26500	0.09	-53.21	≤-19.91	PASS

## Test Graphs



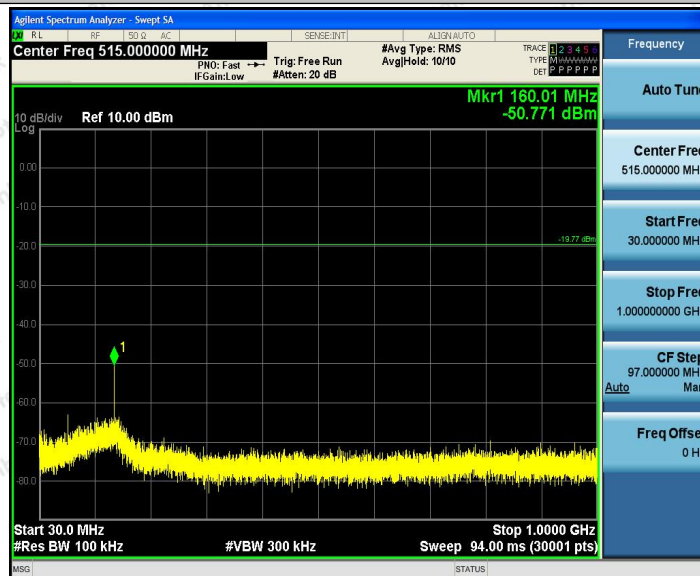




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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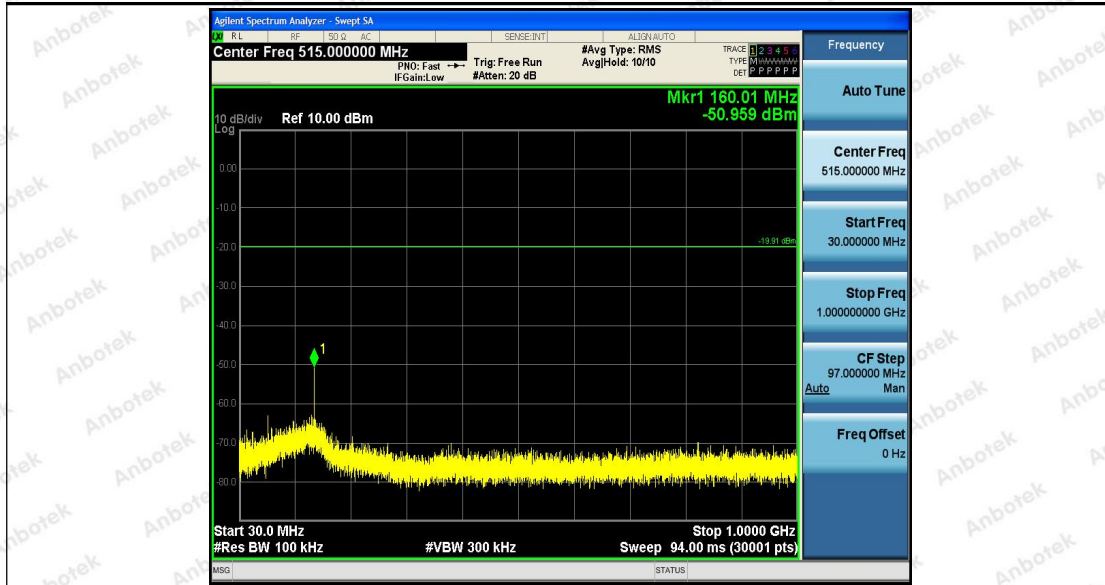
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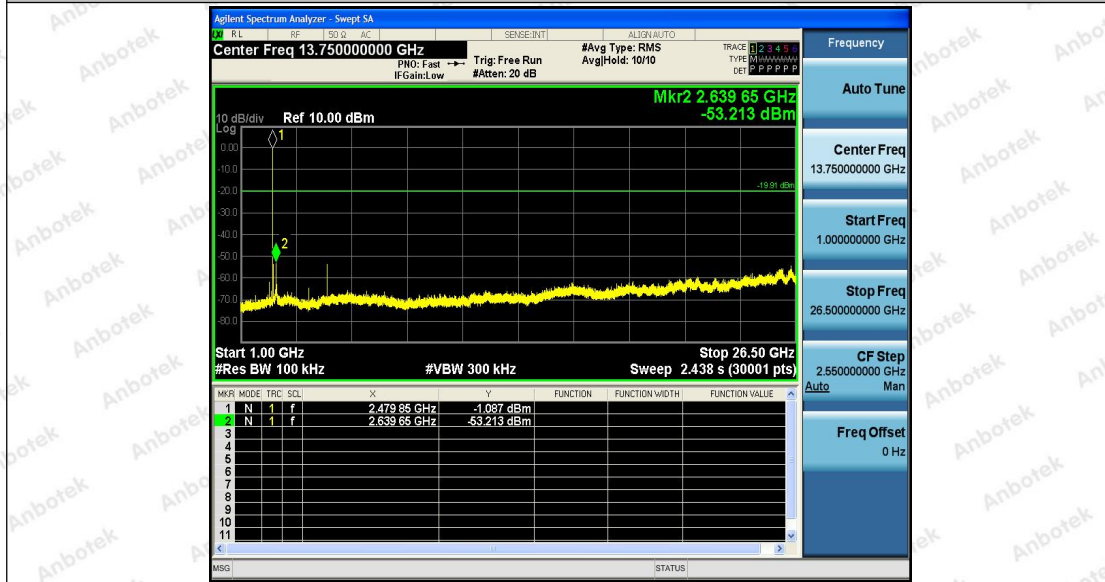
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BLE\_1M\_Ant1\_2480\_1000~26500



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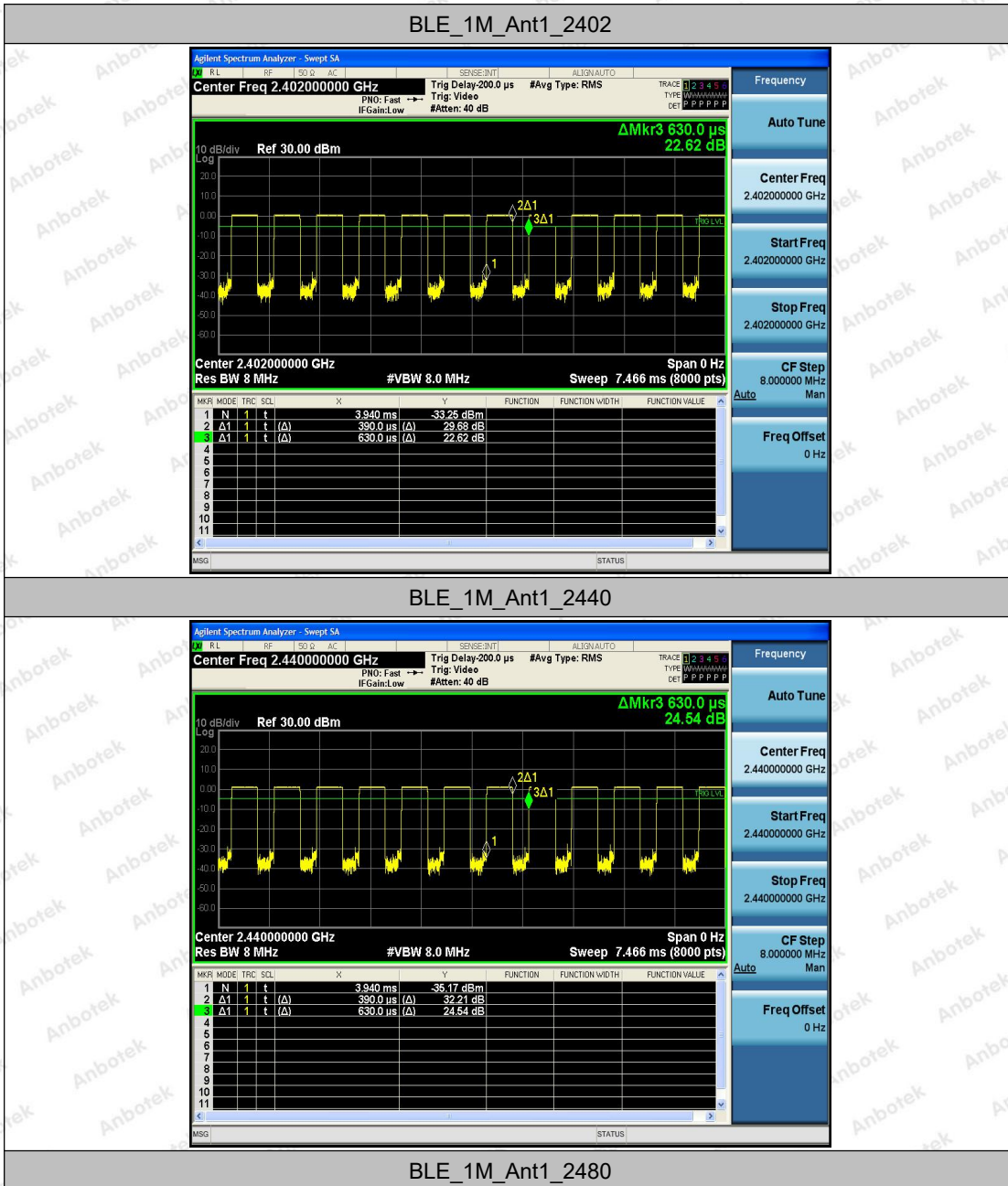
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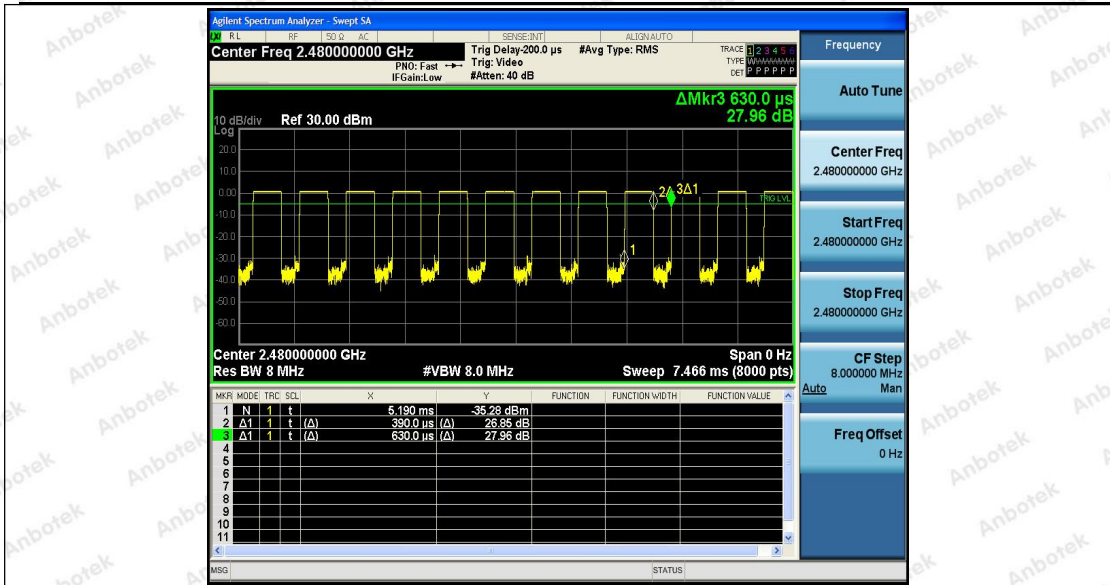
## Appendix G: Duty Cycle

### Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	0.6190	61.90	2.08	---	PASS
		2440	0.39	0.63	0.6190	61.90	2.08	---	PASS
		2480	0.39	0.63	0.6190	61.90	2.08	---	PASS

## Test Graphs





---End---