

## Appendix Test Data

Report No.:	18220WC20118002	Test Sample No.:	1-2-2
Start Test Date:	2022.6.1	Finish Test Date:	2022.6.20
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.3 %
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	0.504	2401.668	2402.172	≥0.5	PASS
		2440	0.512	2439.668	2440.180	≥0.5	PASS
		2480	0.504	2479.668	2480.172	≥0.5	PASS

## Test Graphs





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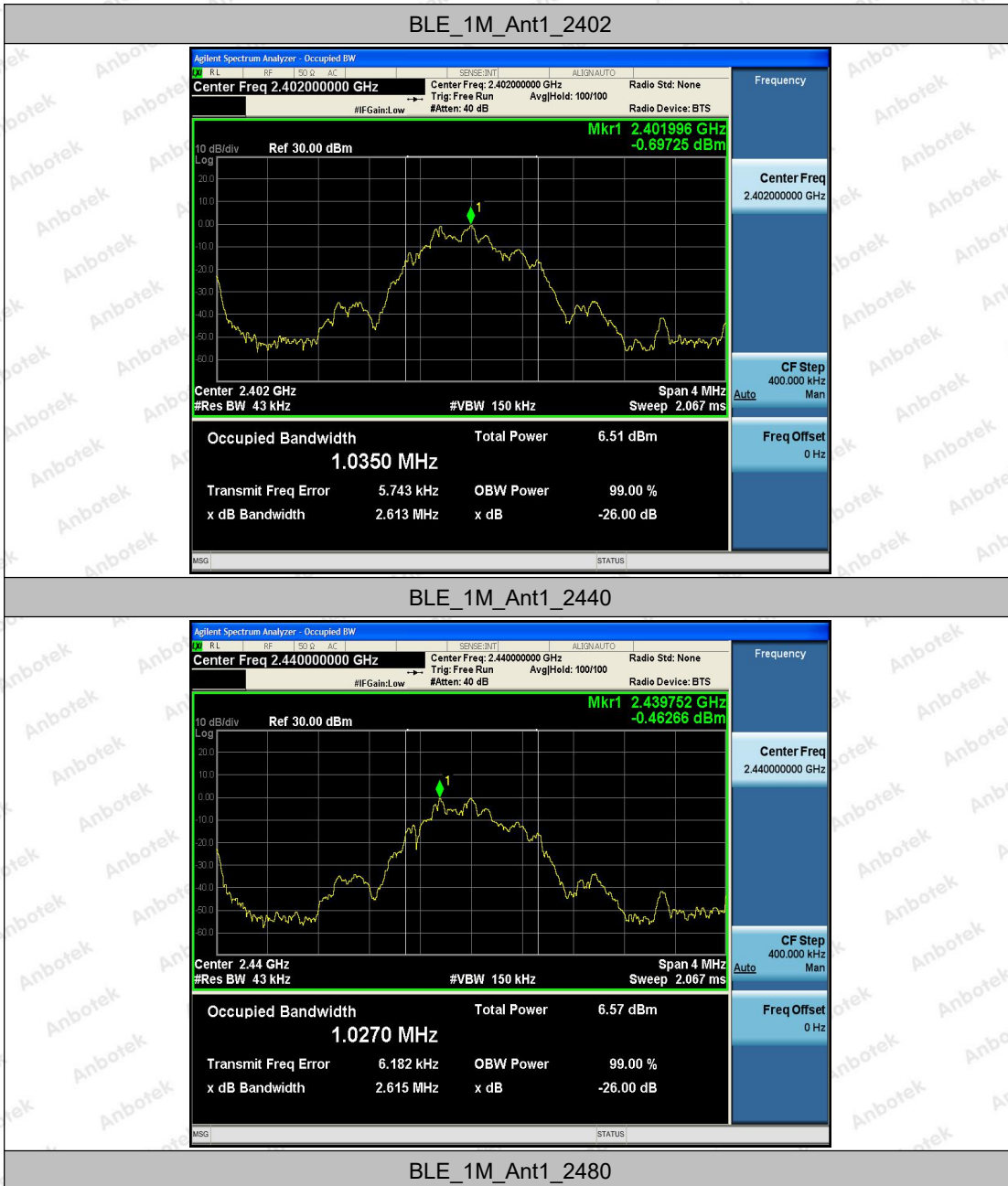


## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0350	2401.488	2402.523	---	PASS
		2440	1.0270	2439.493	2440.520	---	PASS
		2480	1.0353	2479.488	2480.523	---	PASS

## Test Graphs





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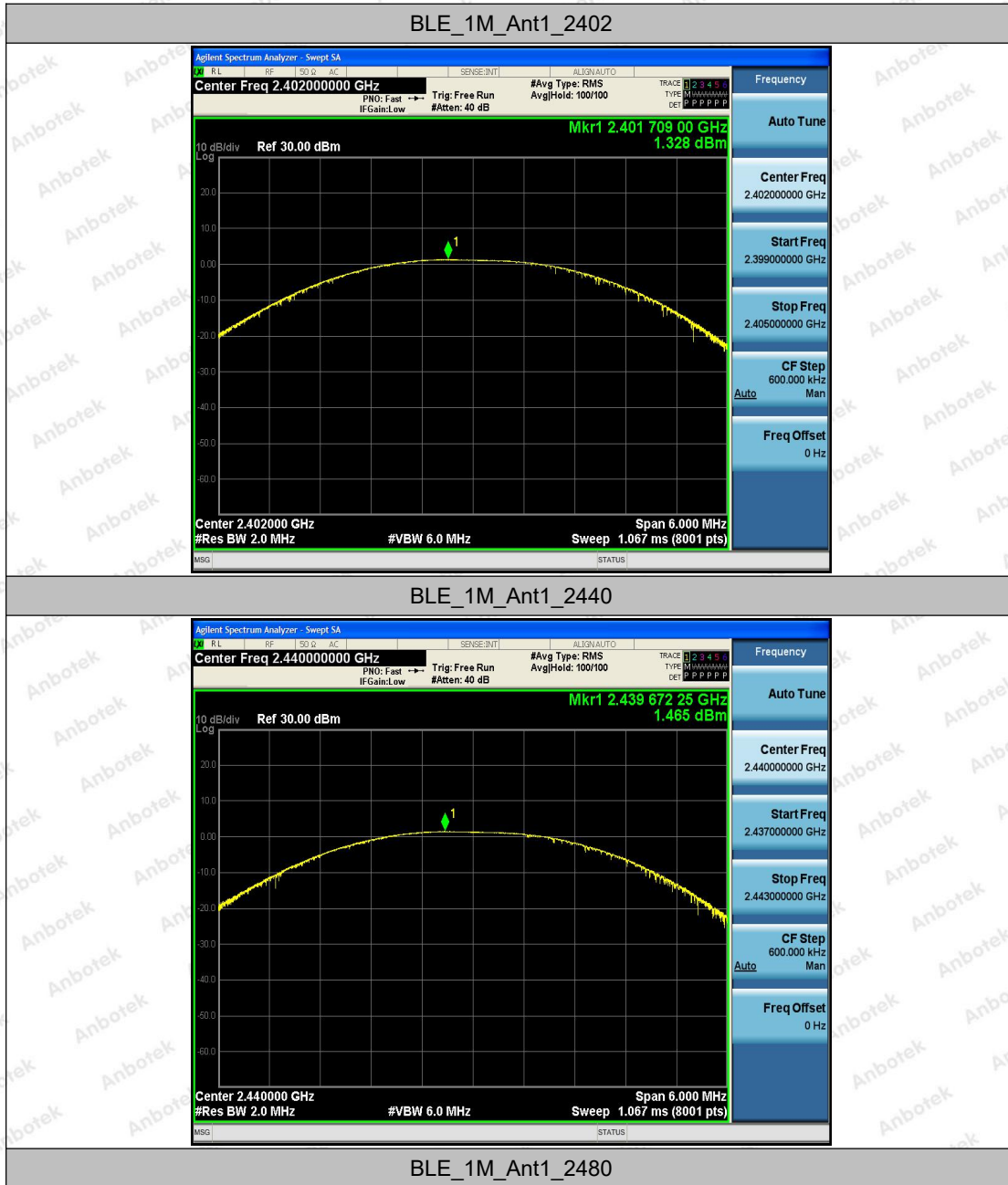


## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.33	≤30	PASS
		2440	1.47	≤30	PASS
		2480	0.95	≤30	PASS

## Test Graphs

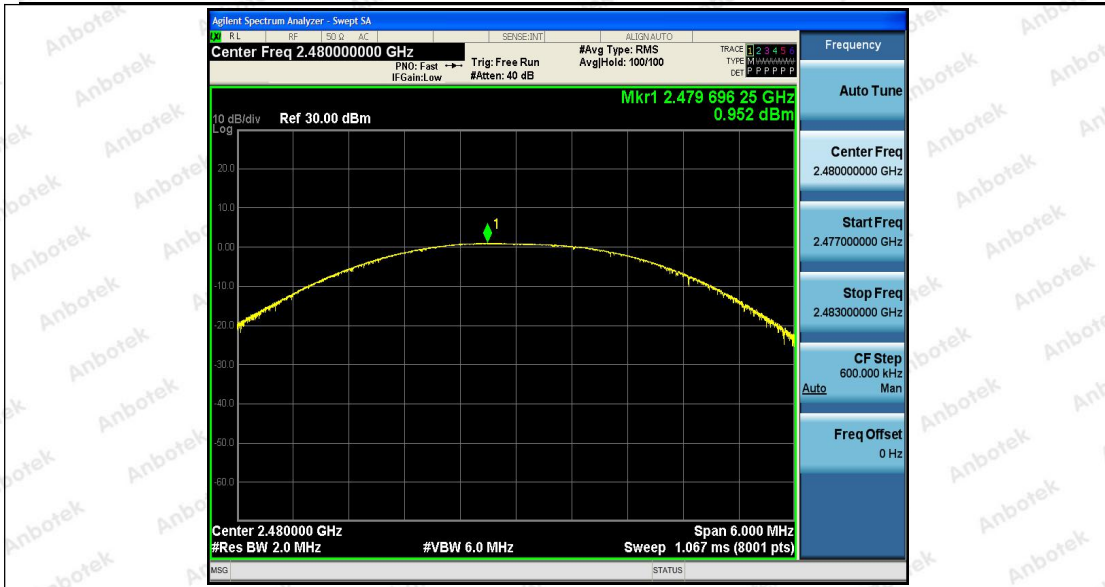


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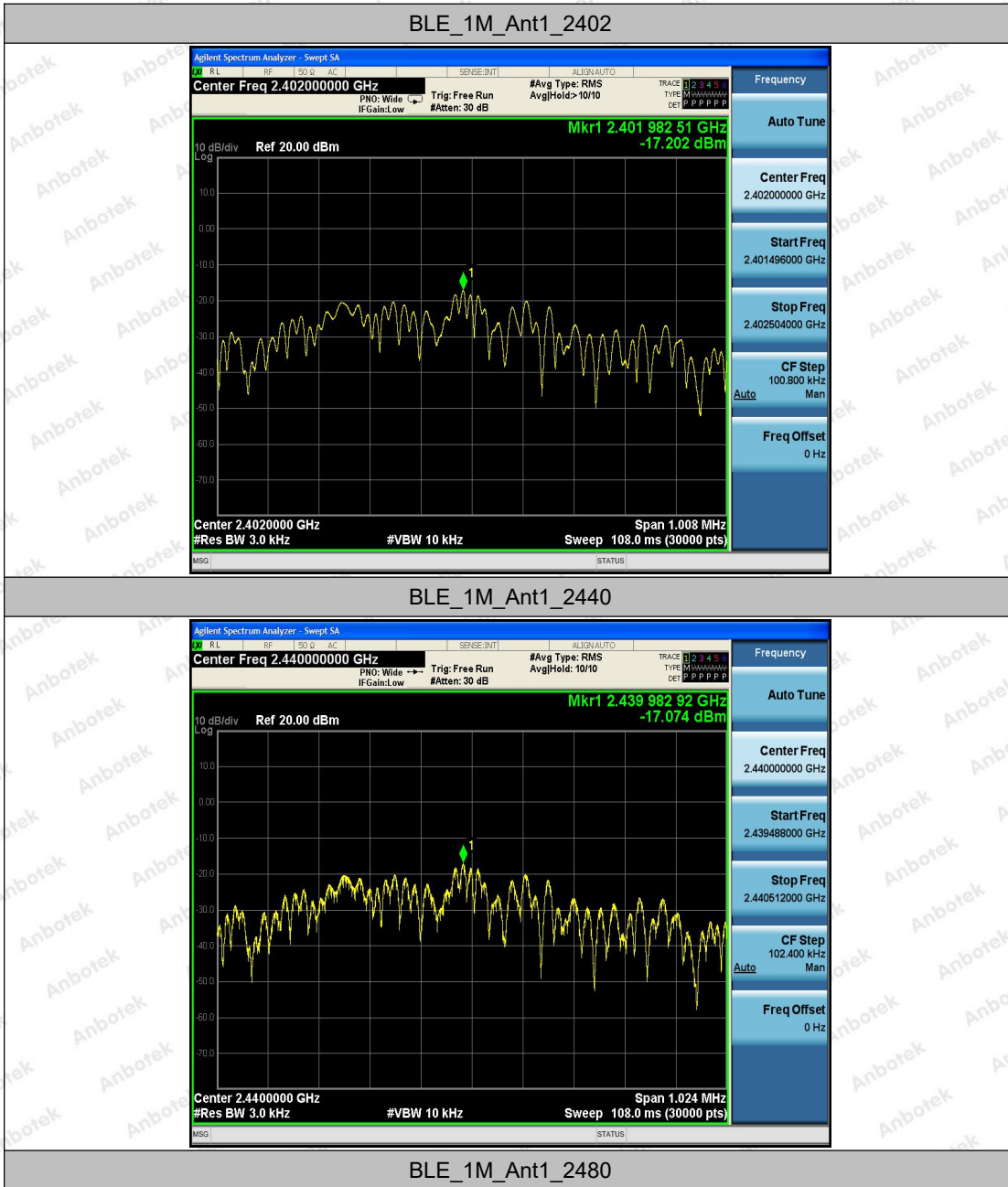
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.2	≤8	PASS
		2440	-17.07	≤8	PASS
		2480	-17.56	≤8	PASS

## Test Graphs



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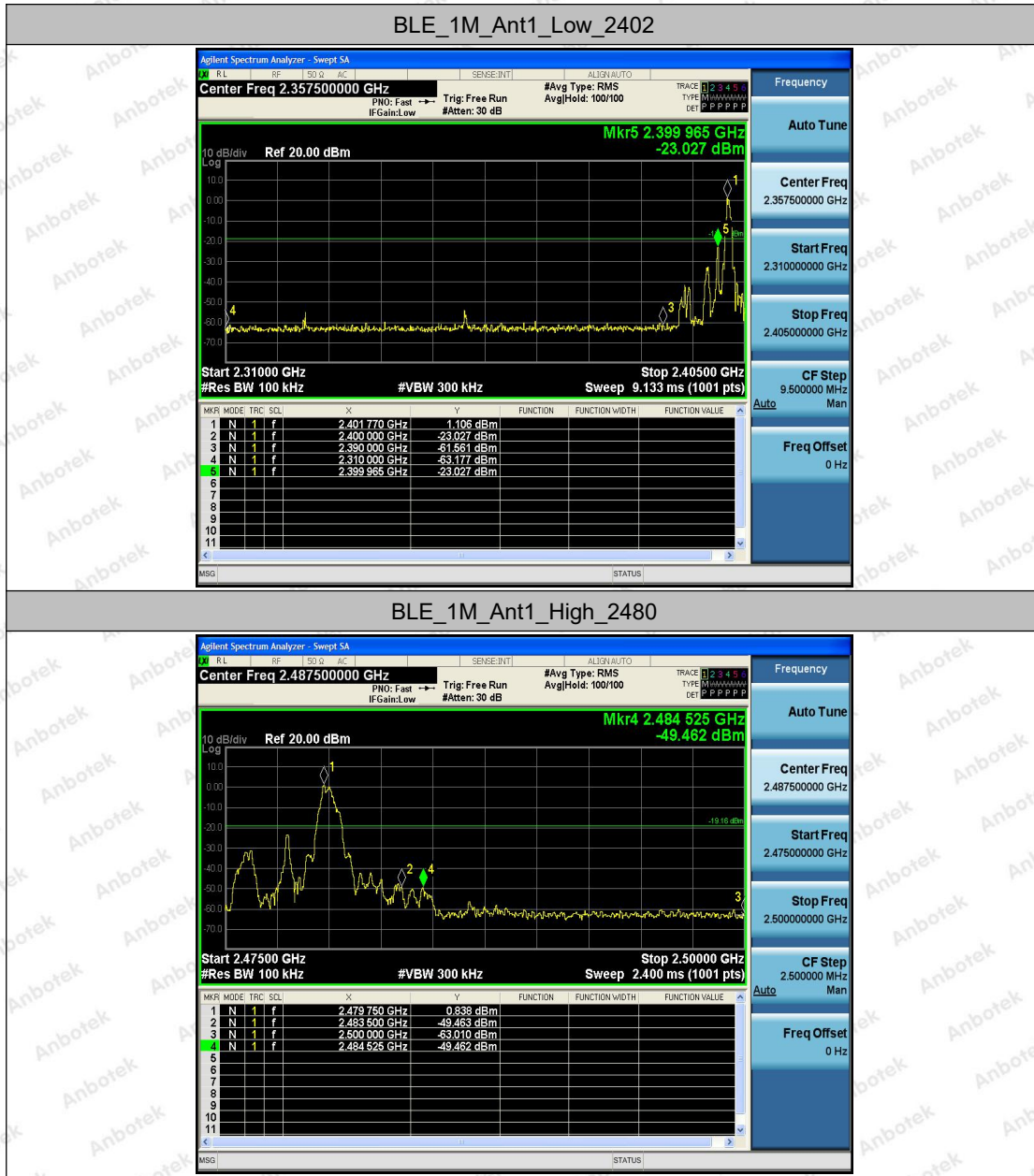
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.11	-23.03	≤-18.89	PASS
		High	2480	0.84	-49.46	≤-19.16	PASS

## Test Graphs



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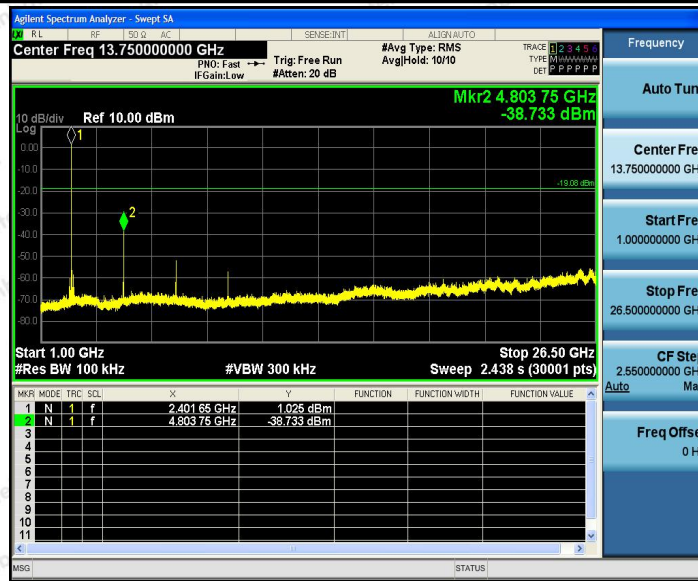
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-62.12	≤-19.08	PASS
			1000~265 00	0.92	-38.73	≤-19.08	PASS
		2440	Reference	1.28	1.28	---	PASS
			30~1000	1.28	-62.29	≤-18.72	PASS
			1000~265 00	1.28	-35.81	≤-18.72	PASS
		2480	Reference	0.44	0.44	---	PASS
			30~1000	0.44	-61.95	≤-19.56	PASS
			1000~265 00	0.44	-33.68	≤-19.56	PASS

## Test Graphs

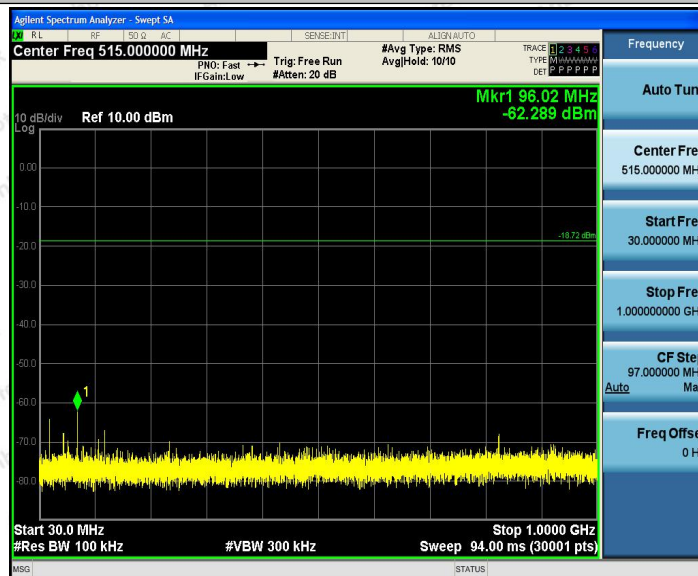




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



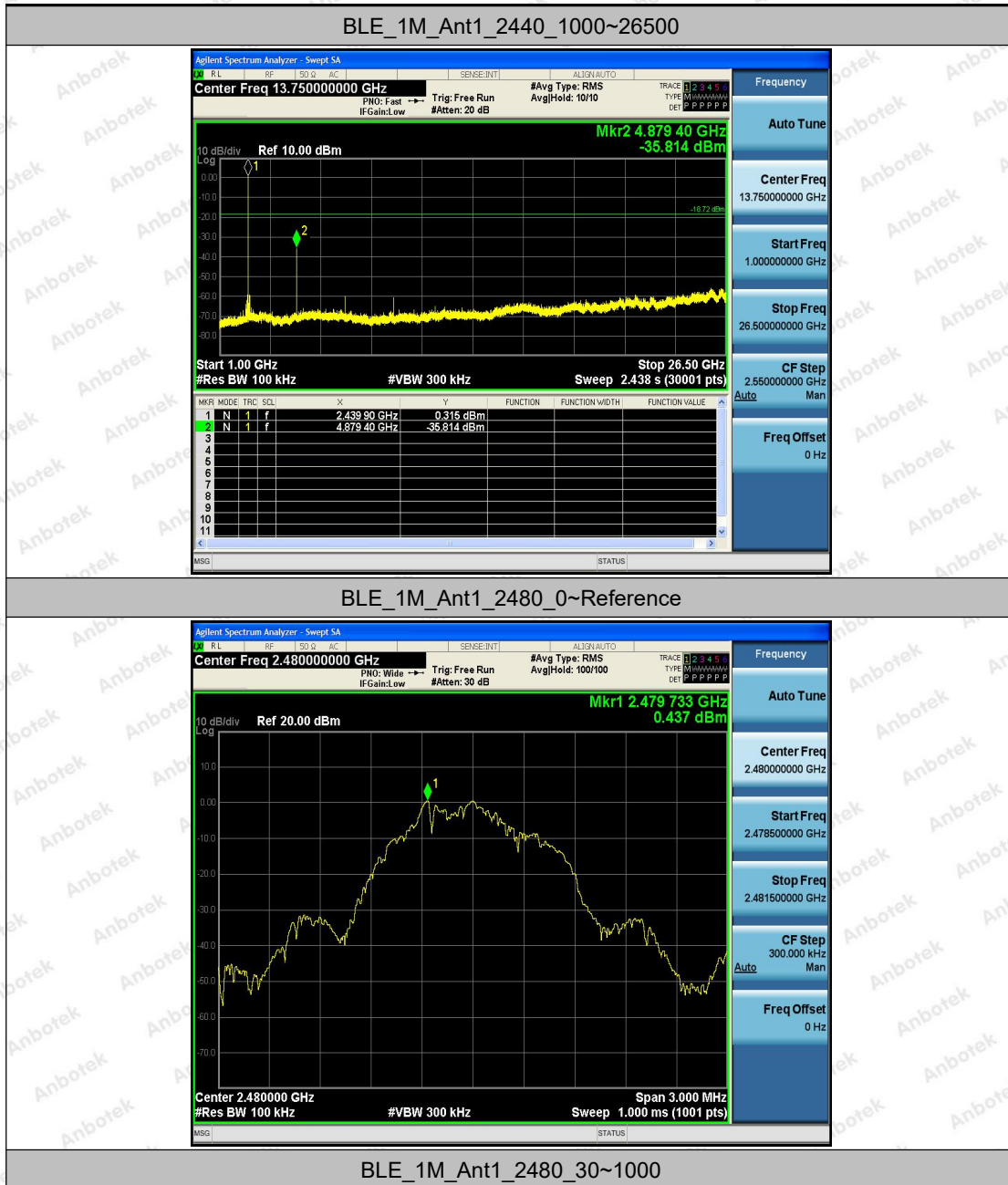
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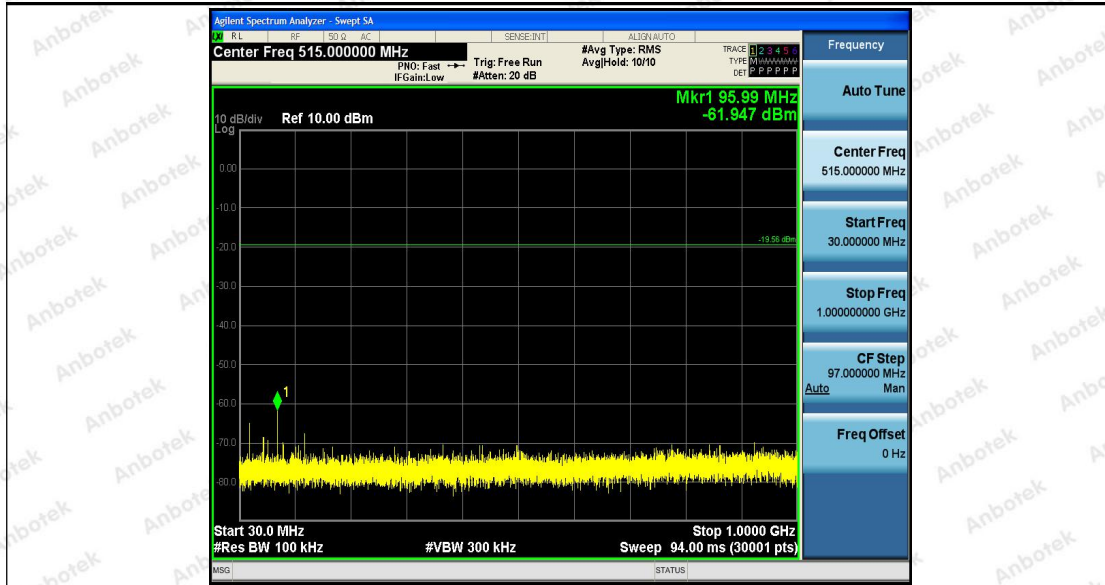


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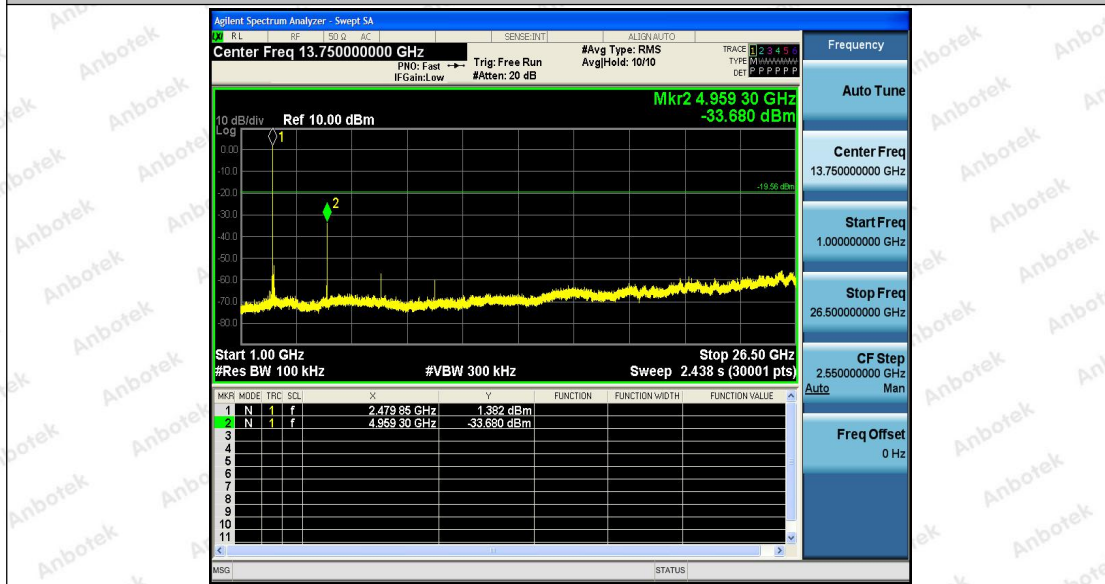
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BLE\_1M\_Ant1\_2480\_1000~26500



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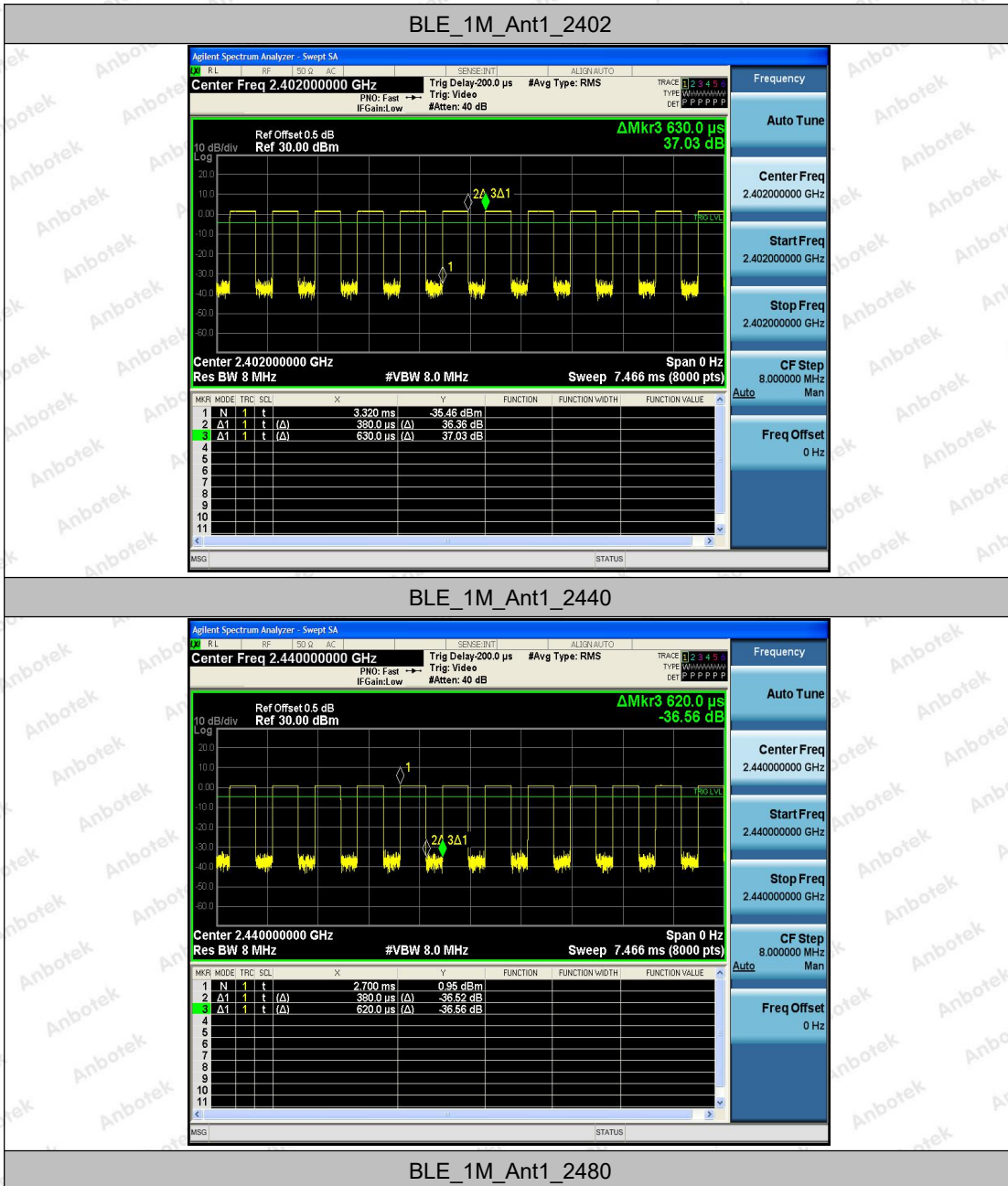
## Appendix G: Duty Cycle

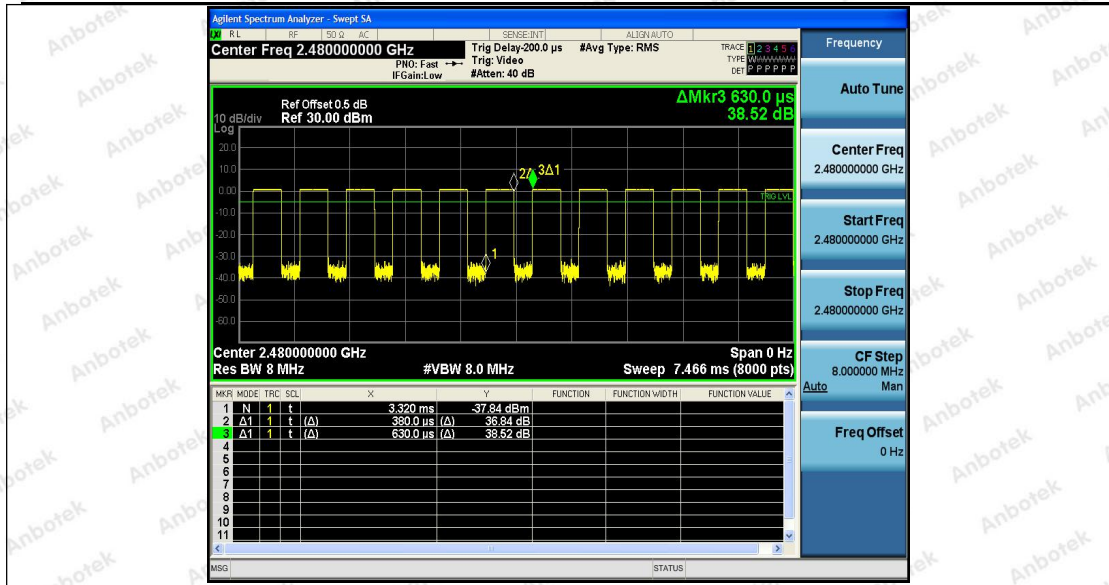
### Test Result

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---