

## Appendix Test Data

Report No.:	18220WC10115101	Test Date:	2021.8.2
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

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.656	2402.336	>=0.5	PASS
		2440	0.676	2439.664	2440.340	>=0.5	PASS
		2480	0.676	2479.660	2480.336	>=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	1.0283	2401.494	2402.522	---	PASS
		2440	1.0247	2439.494	2440.518	---	PASS
		2480	1.0239	2479.490	2480.514	---	PASS

## Test Graphs



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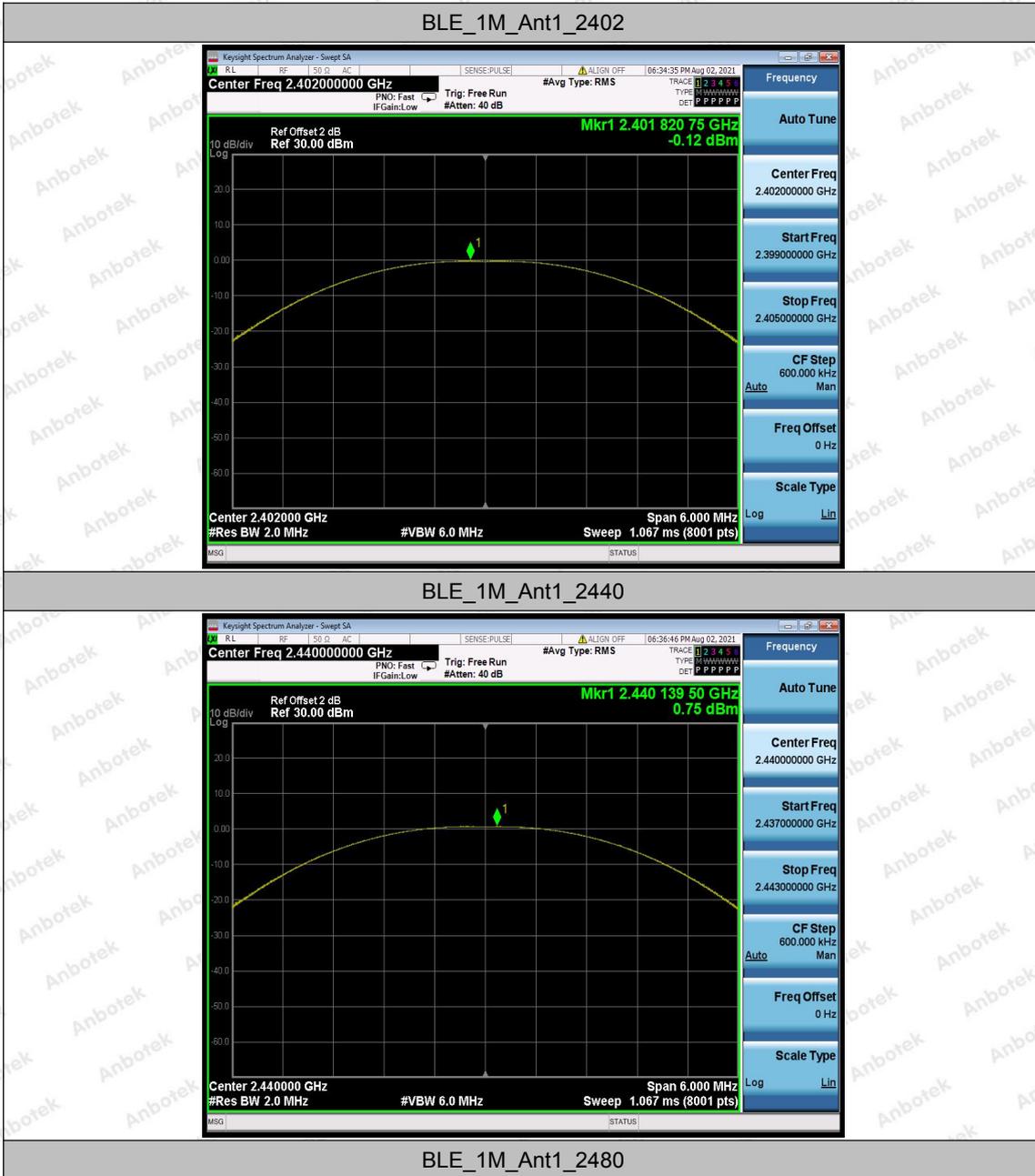
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.12	<=30	PASS
		2440	0.75	<=30	PASS
		2480	0.35	<=30	PASS

## Test Graphs



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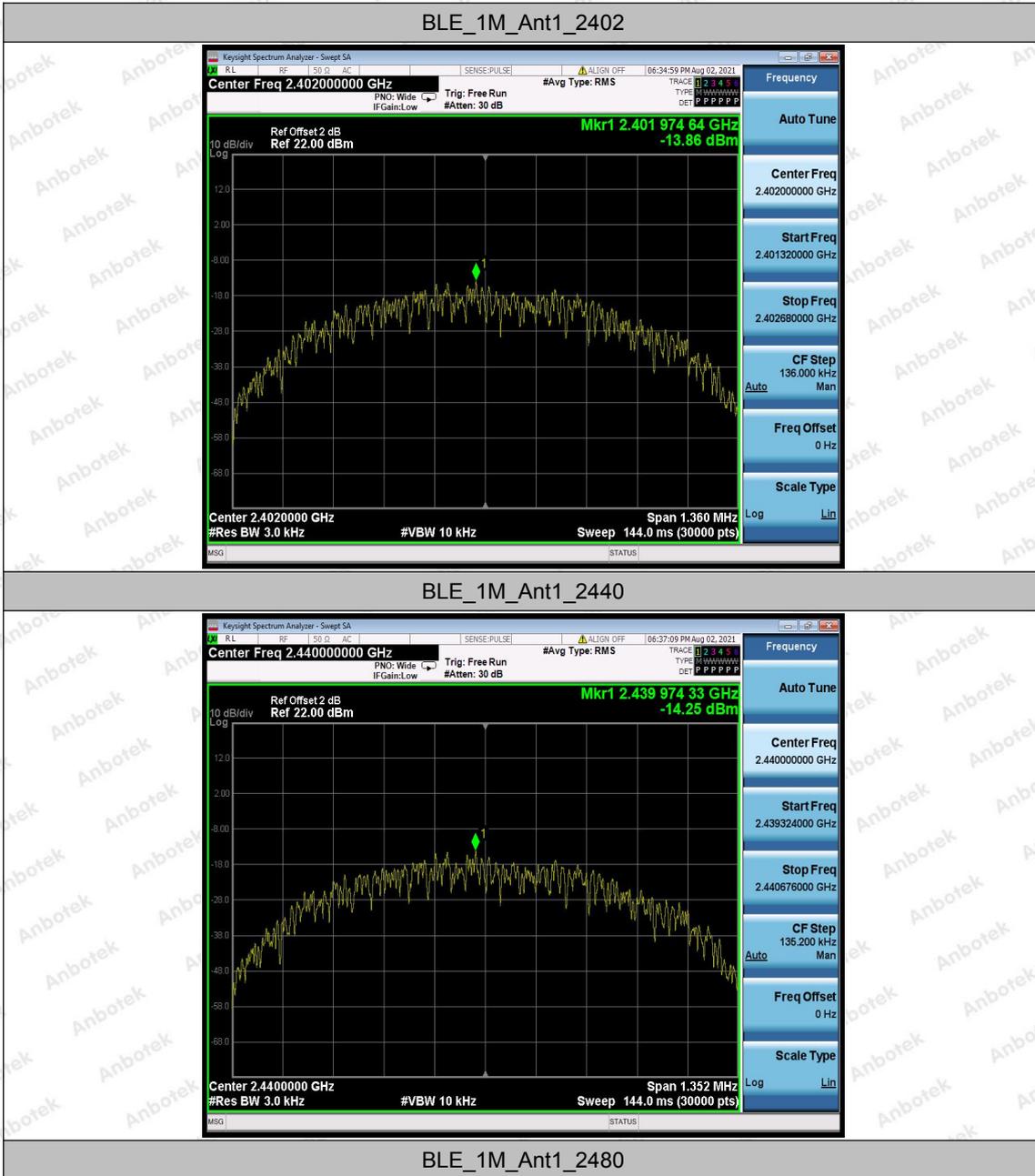


## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.86	<=8	PASS
		2440	-14.25	<=8	PASS
		2480	-14.64	<=8	PASS

## Test Graphs

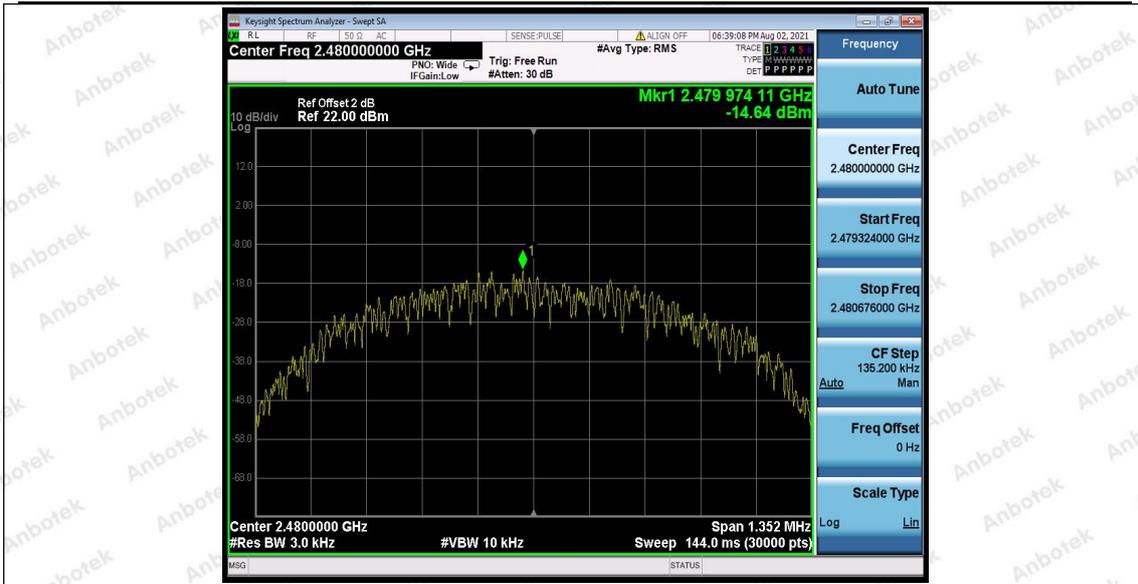


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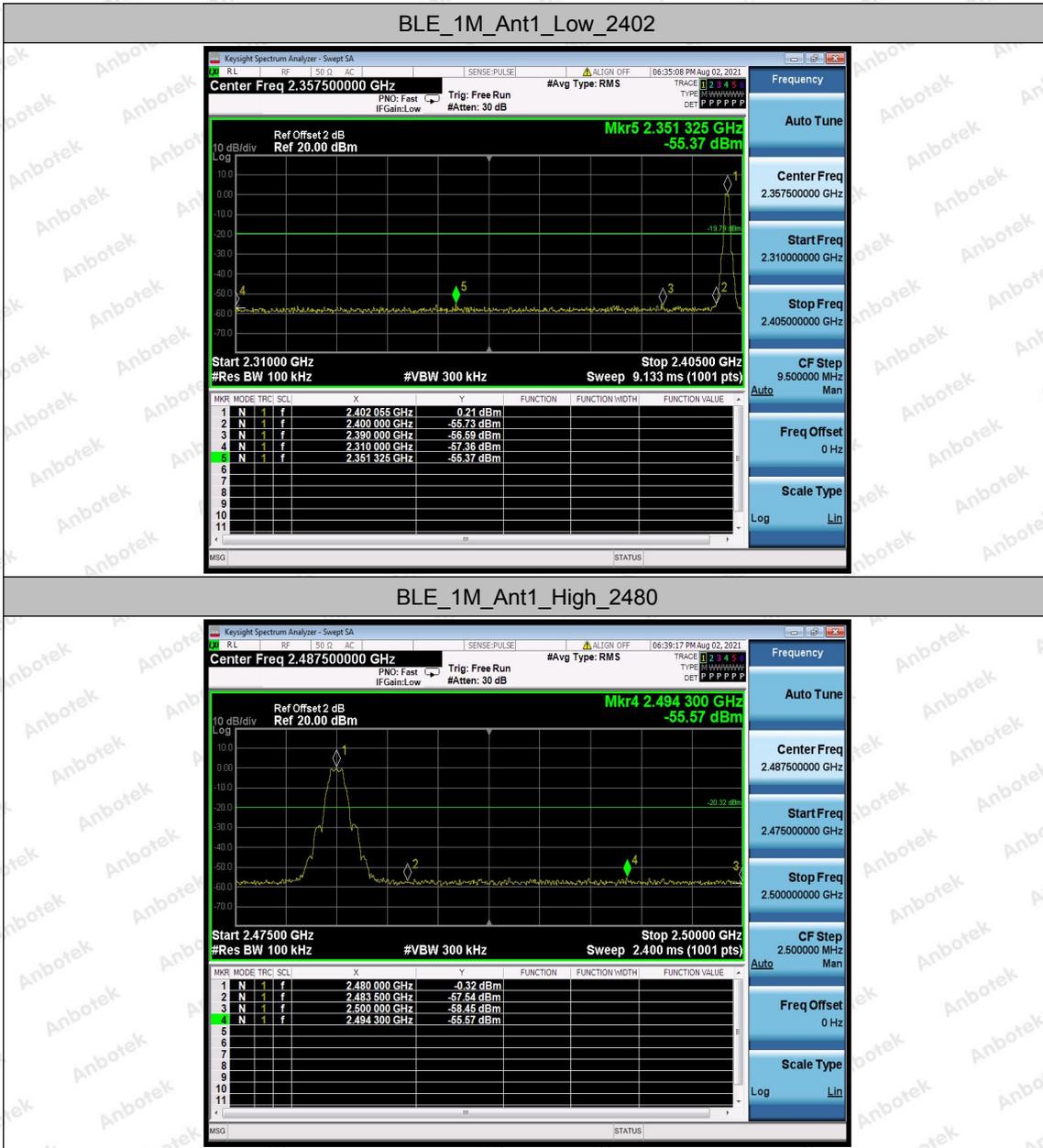
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.21	-55.37	<=-19.79	PASS
		High	2480	-0.32	-55.57	<=-20.32	PASS

## Test Graphs



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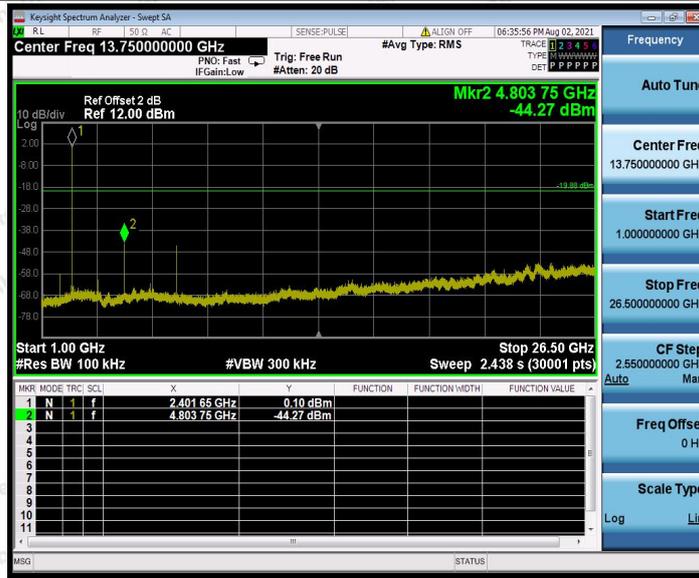
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.12	0.12	---	PASS
			30~1000	0.12	-68.29	<=-19.88	PASS
			1000~26500	0.12	-44.27	<=-19.88	PASS
		2440	Reference	-0.12	-0.12	---	PASS
			30~1000	-0.12	-67.98	<=-20.12	PASS
			1000~26500	-0.12	-49.85	<=-20.12	PASS
		2480	Reference	-0.59	-0.59	---	PASS
			30~1000	-0.59	-67.87	<=-20.59	PASS
			1000~26500	-0.59	-52.02	<=-20.59	PASS

## Test Graphs

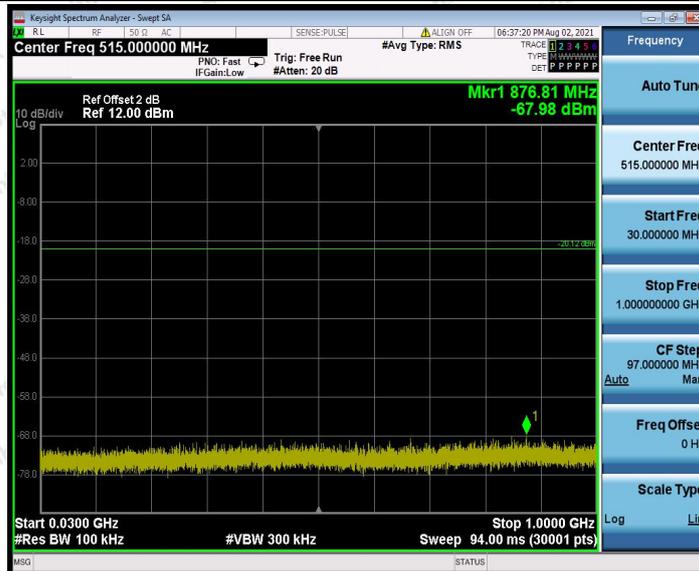




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000

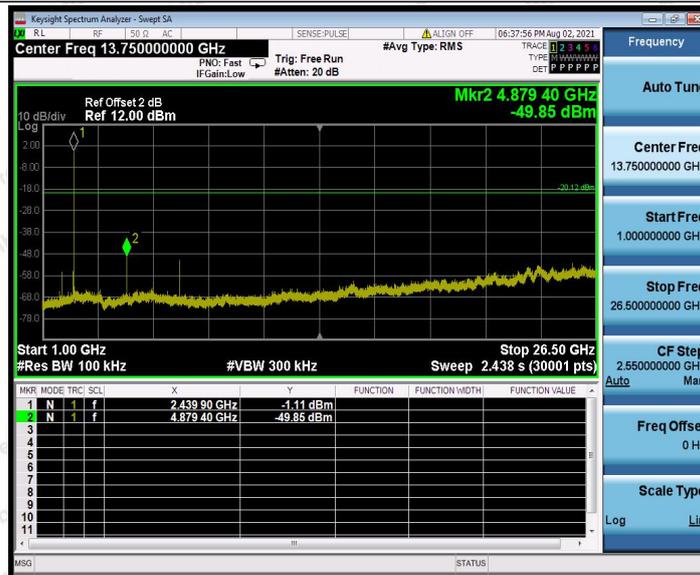


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### BLE\_1M\_Ant1\_2440\_1000~26500



### BLE\_1M\_Ant1\_2480\_0~Reference



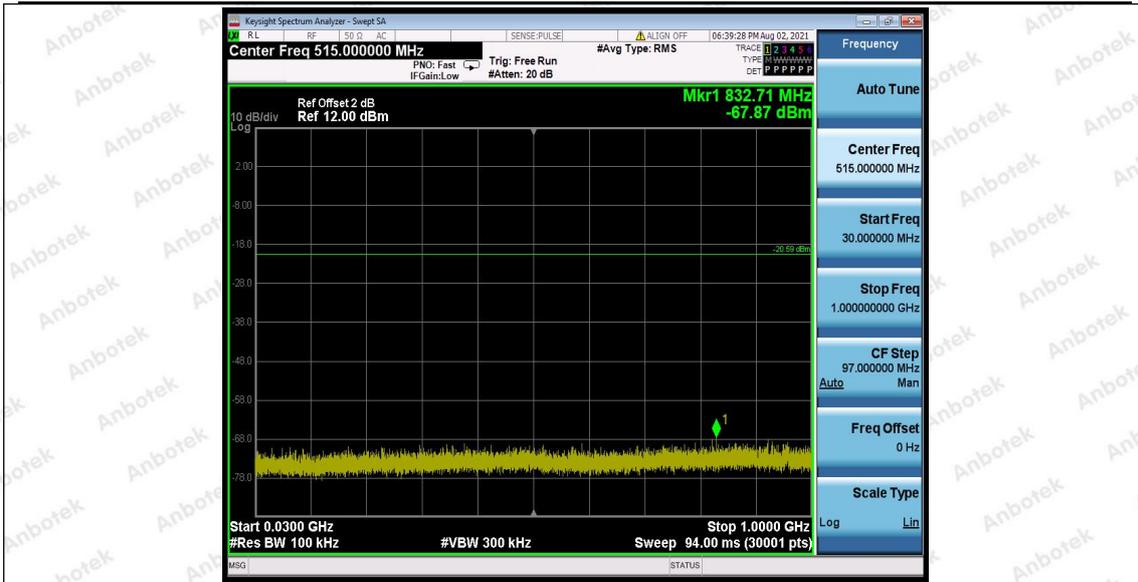
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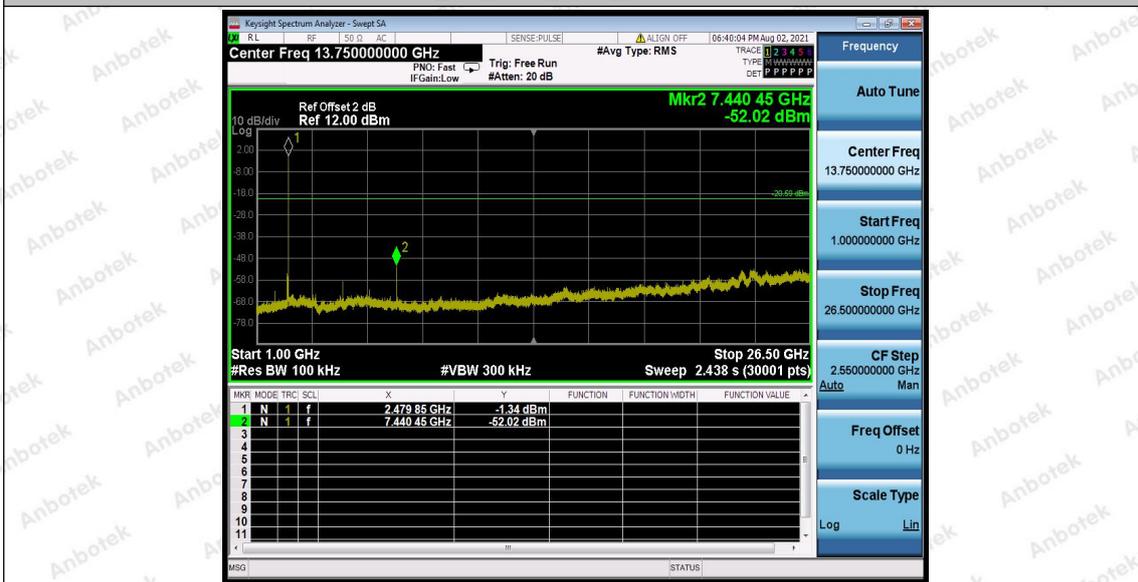
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BLE\_1M\_Ant1\_2480\_1000~26500



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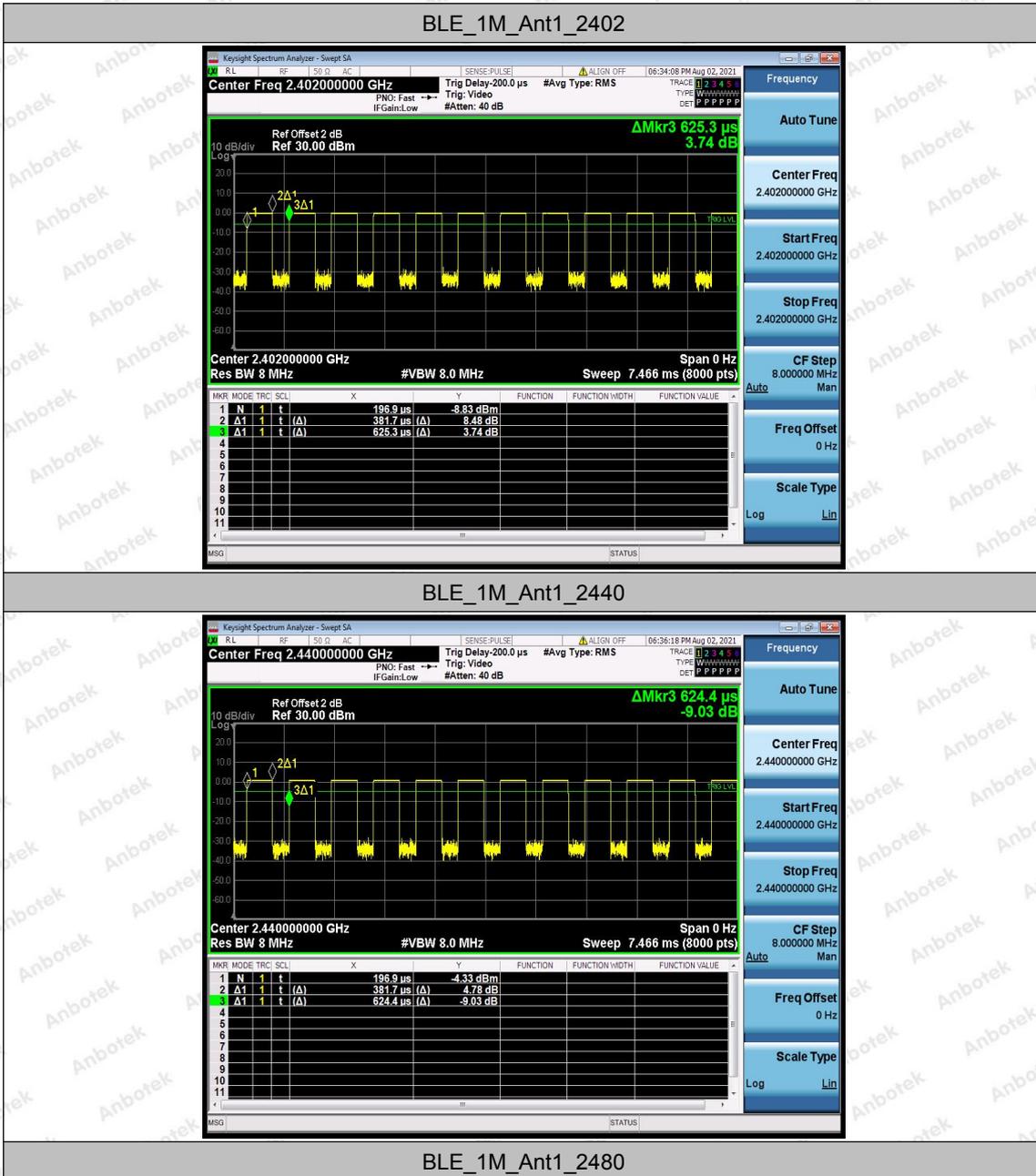
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## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	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

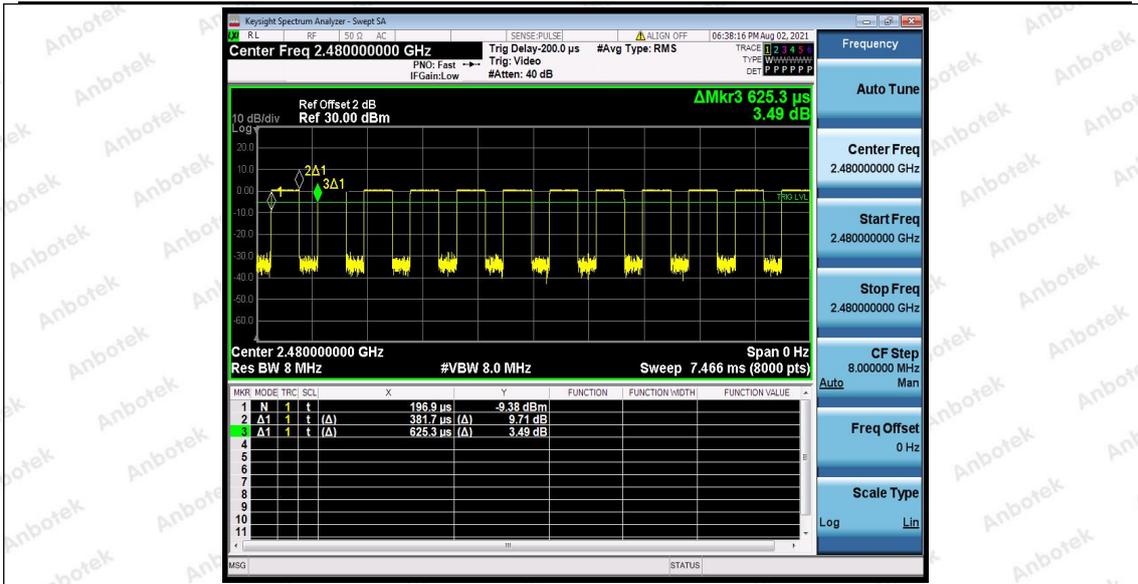


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