

## Appendix Test Data

Report No.:	18220WC10274101	Test Sample No.:	1-2-2
Start Test Date:	2022.2.16	Finish Test Date:	2022.2.18
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	0.712	2401.636	2402.348	≥0.5	PASS
		2440	0.684	2439.660	2440.344	≥0.5	PASS
		2480	0.700	2479.640	2480.340	≥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	1.0333	2401.491	2402.525	---	PASS
		2440	1.0268	2439.496	2440.523	---	PASS
		2480	1.0284	2479.495	2480.524	---	PASS

## Test Graphs

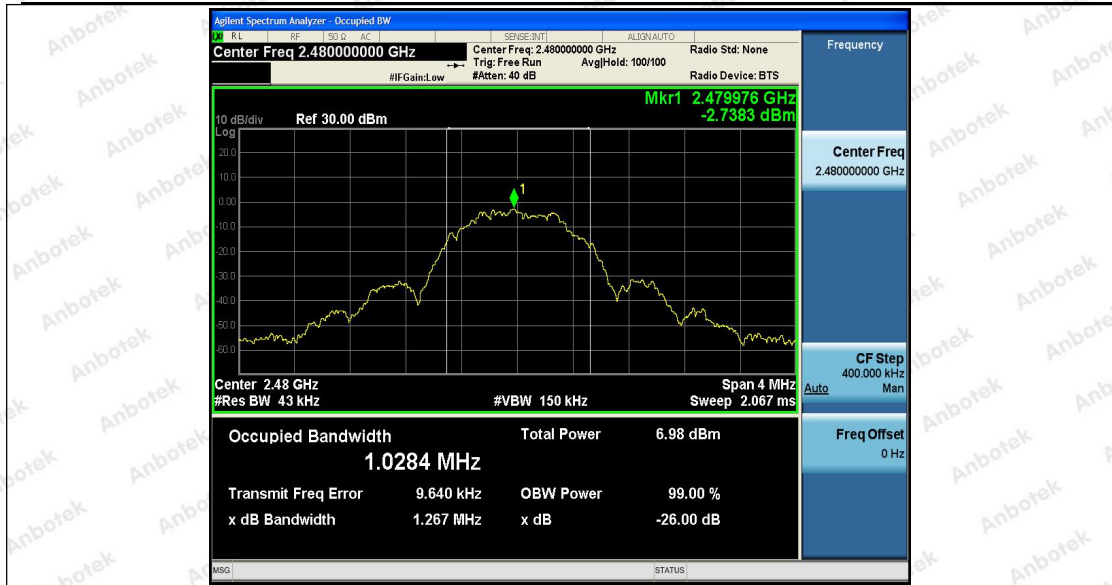


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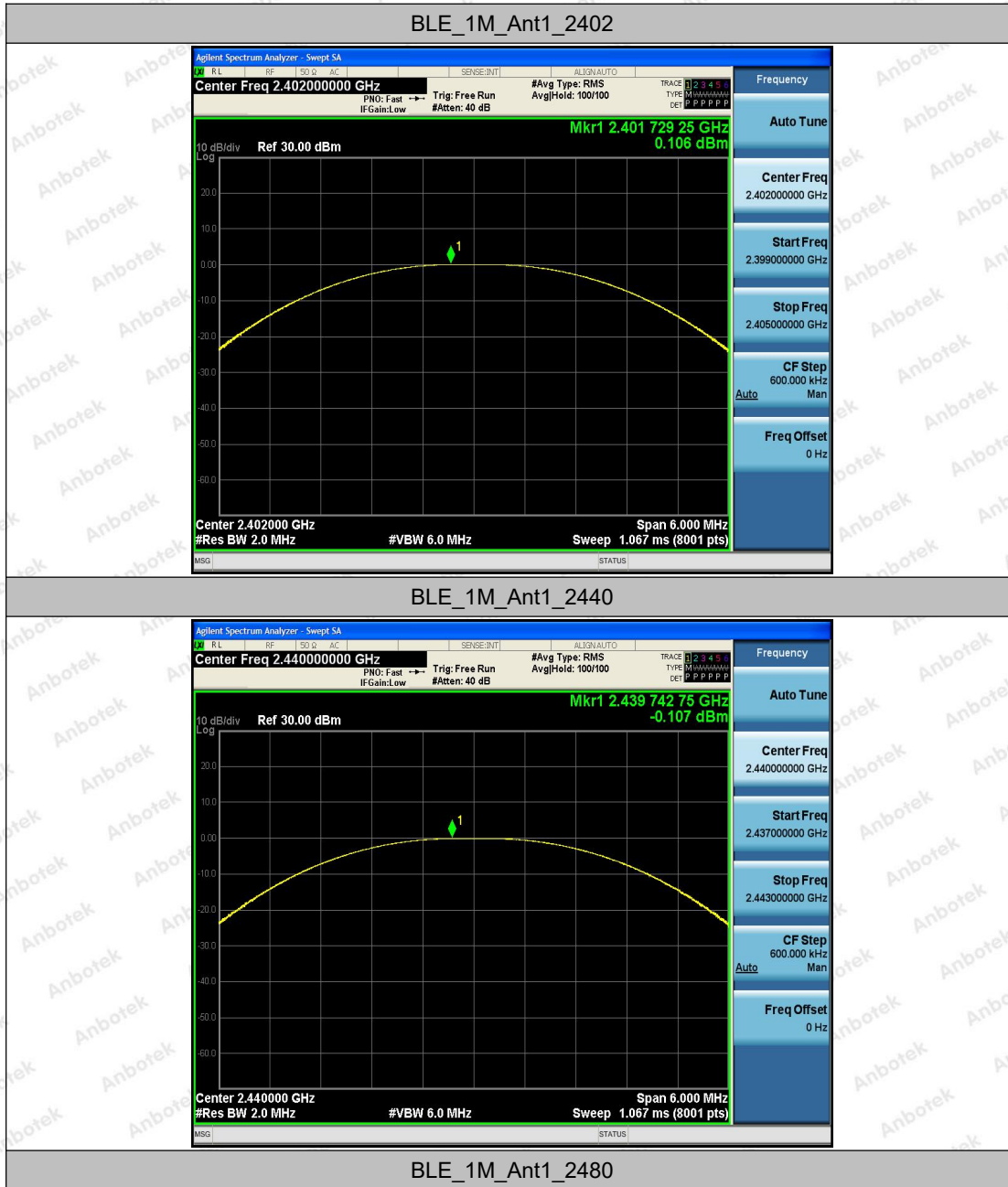
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.11	≤30	PASS
		2440	-0.11	≤30	PASS
		2480	0.62	≤30	PASS

## Test Graphs

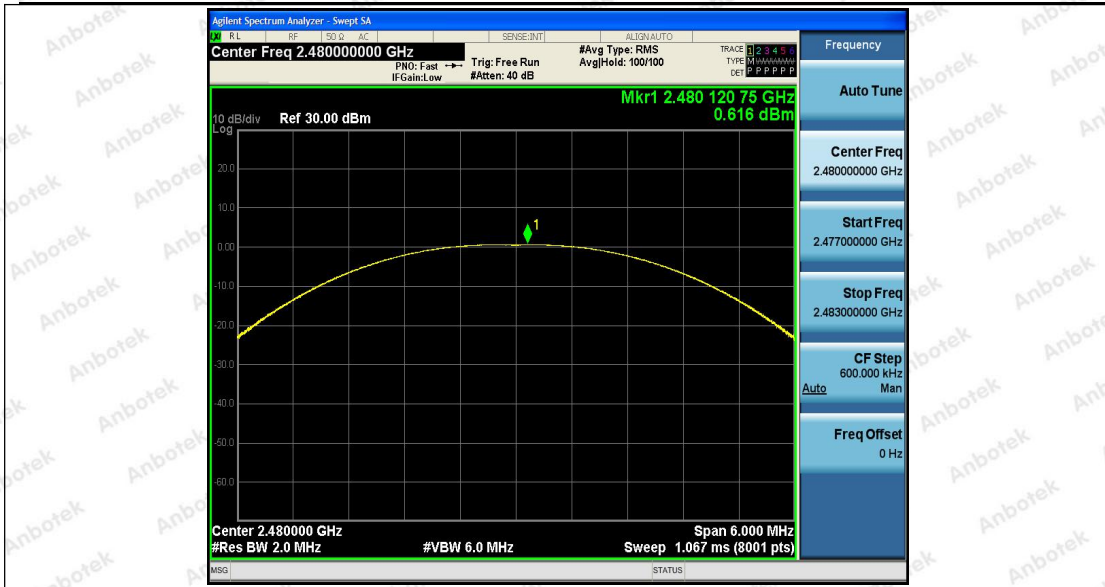


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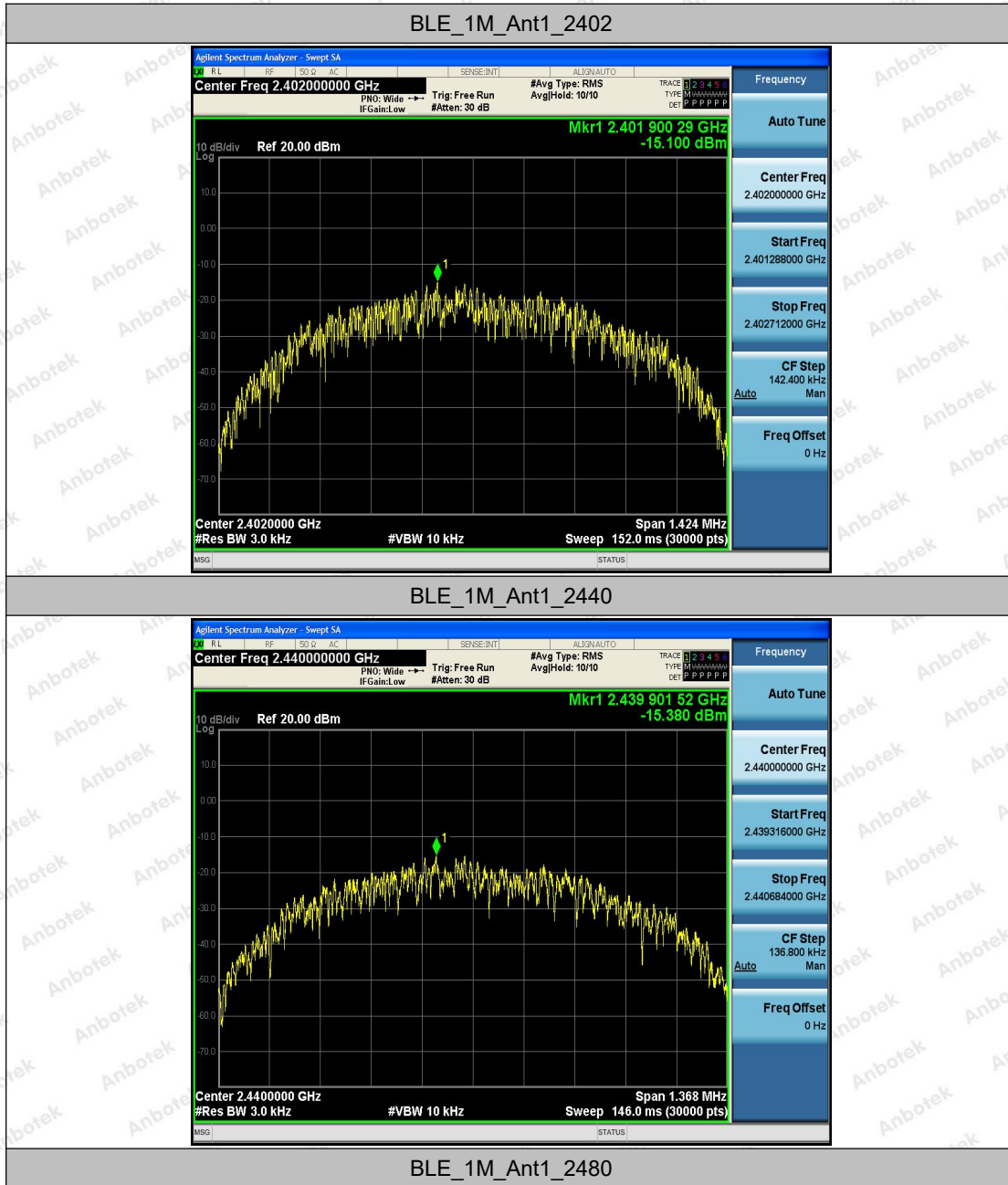
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.1	$\leq 8$	PASS
		2440	-15.38	$\leq 8$	PASS
		2480	-14.46	$\leq 8$	PASS

## Test Graphs

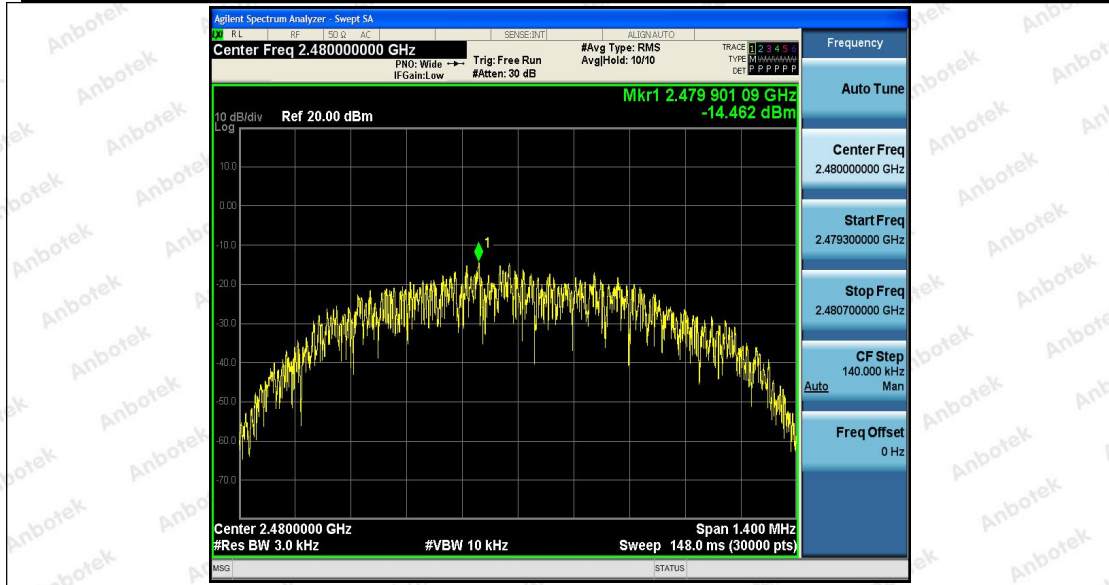


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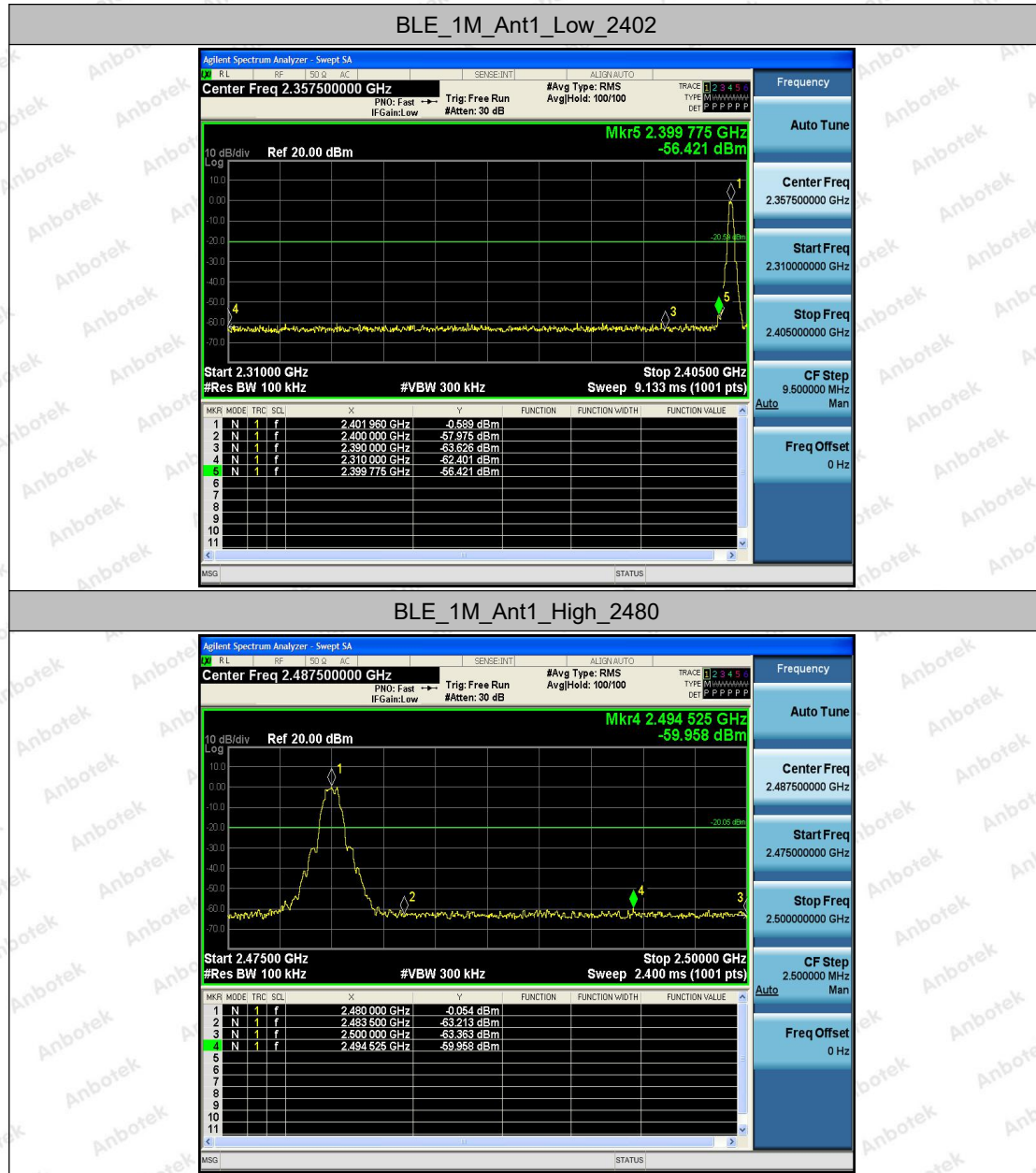
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.59	-56.42	≤-20.59	PASS
		High	2480	-0.05	-59.96	≤-20.05	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	-1.13	-1.13	---	PASS
			30~1000	-1.13	-70.96	≤-21.13	PASS
			1000~265 00	-1.13	-55.89	≤-21.13	PASS
		2440	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-69.44	≤-21.08	PASS
			1000~265 00	-1.08	-56	≤-21.08	PASS
		2480	Reference	-0.31	-0.31	---	PASS
			30~1000	-0.31	-69.92	≤-20.31	PASS
			1000~265 00	-0.31	-55.71	≤-20.31	PASS

## Test Graphs



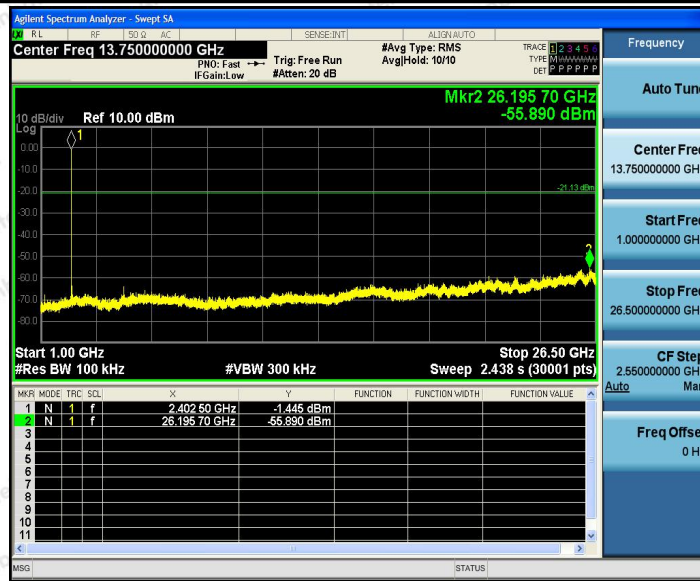
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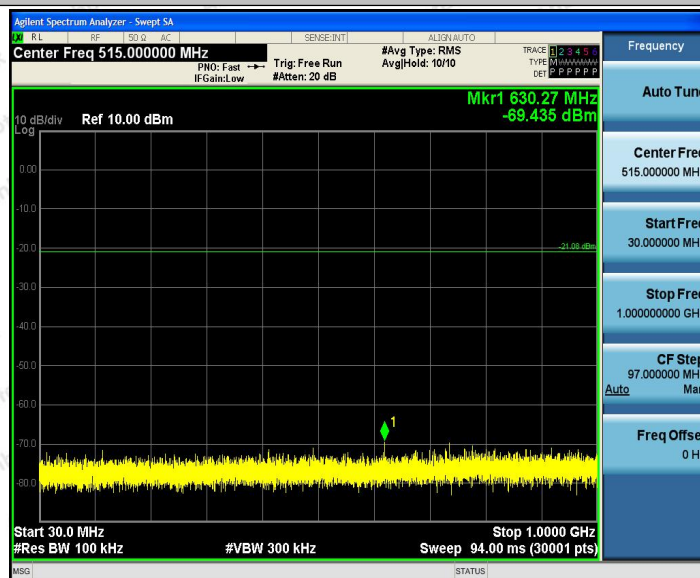




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000

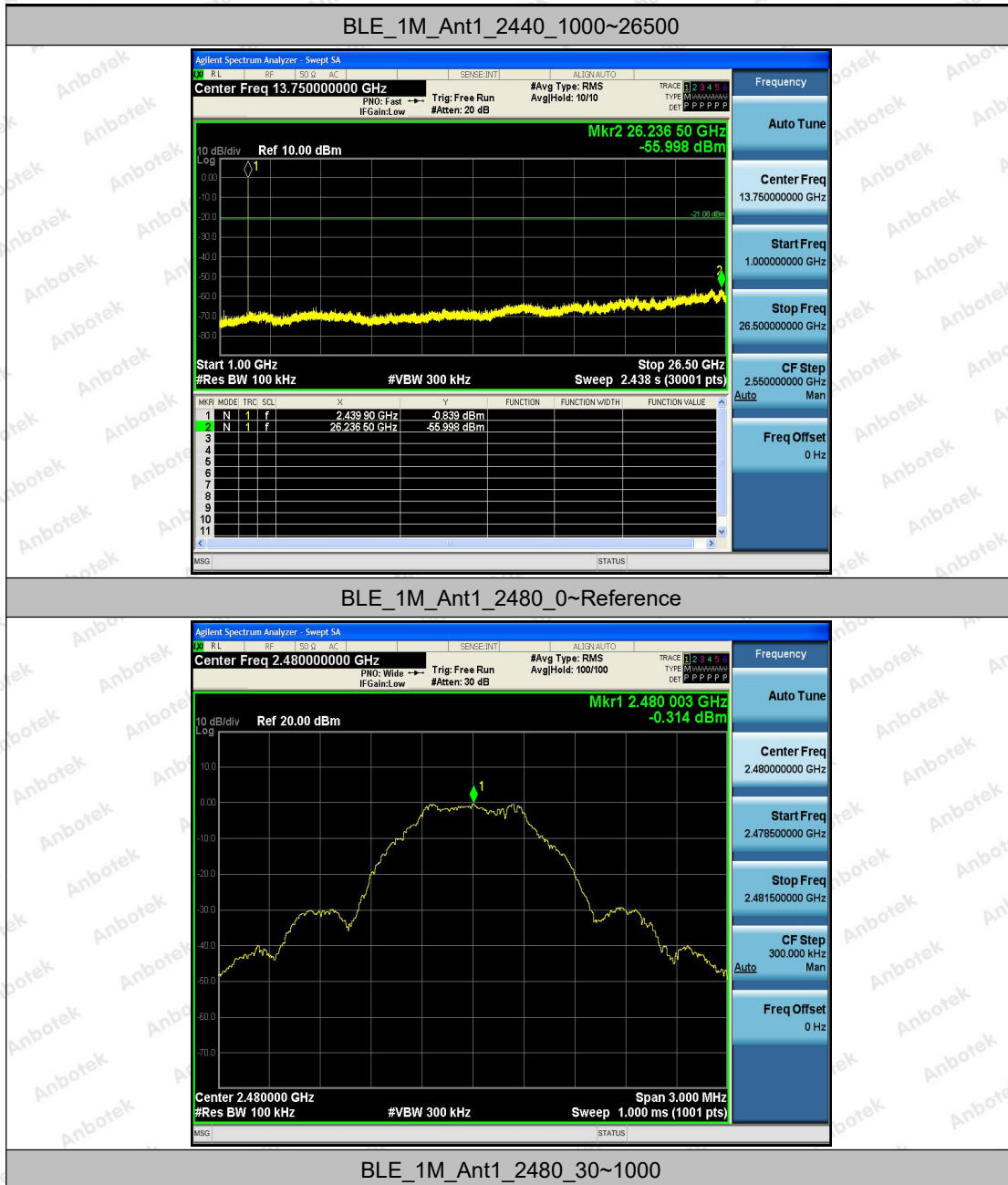


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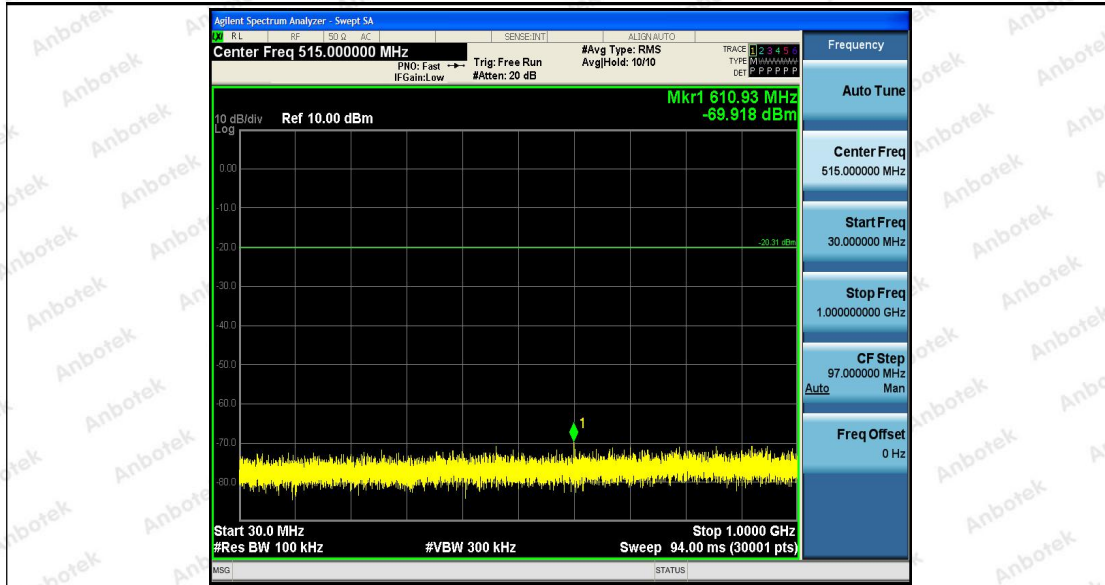
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BLE\_1M\_Ant1\_2480\_1000~26500



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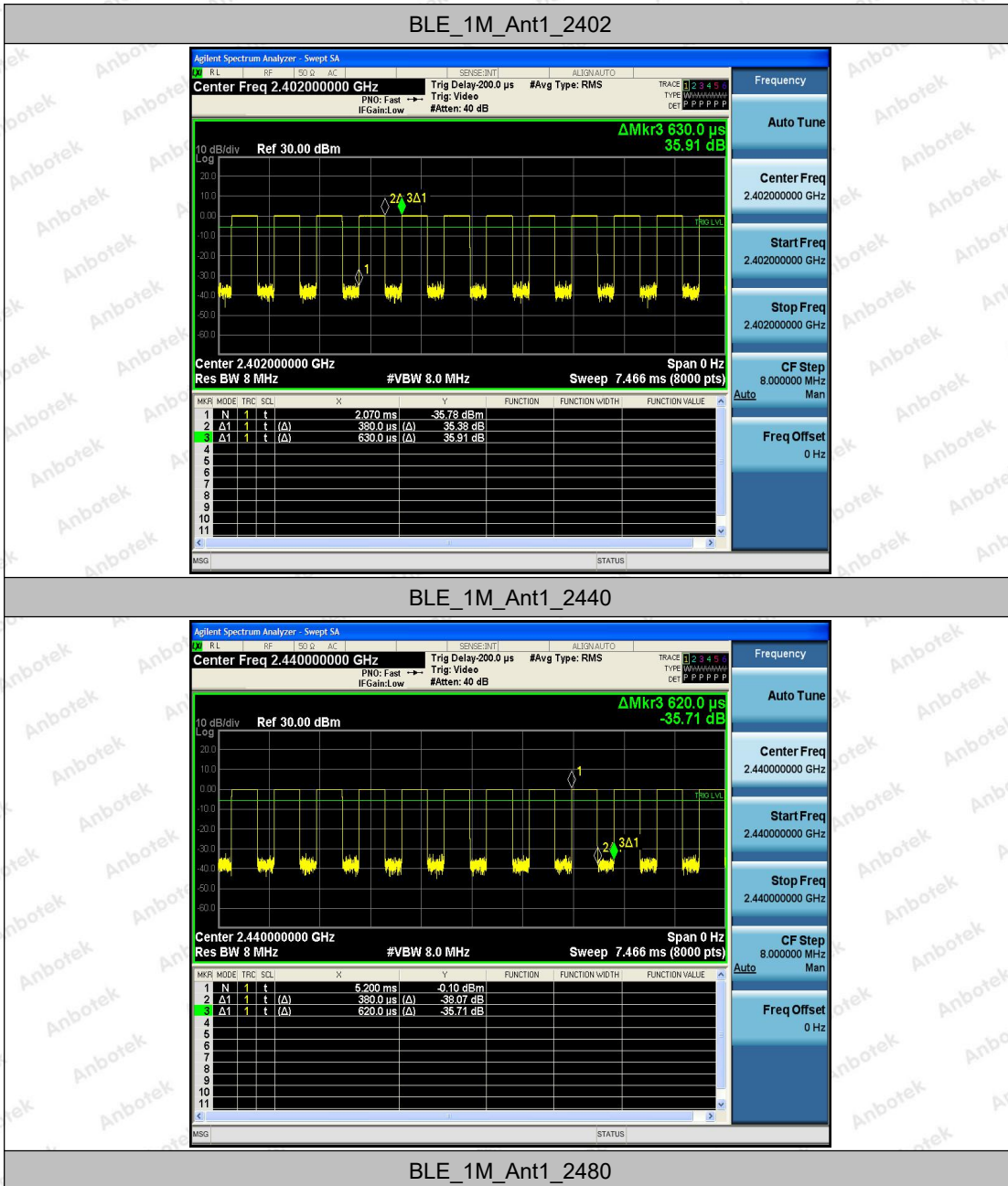
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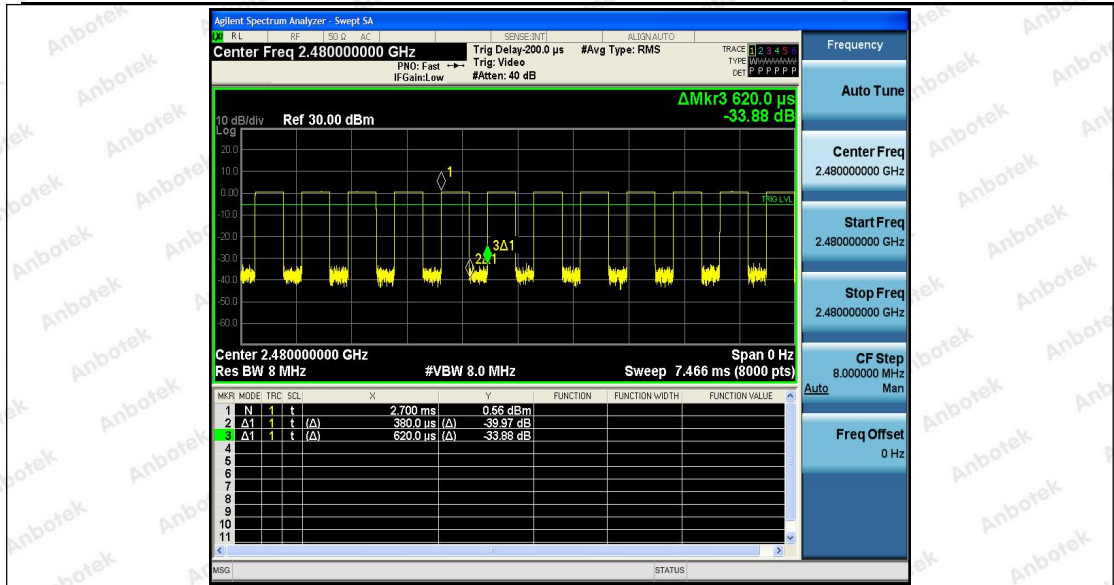
## Appendix G: Duty Cycle

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

## Test Graphs





---End---