

## Appendix Test Data

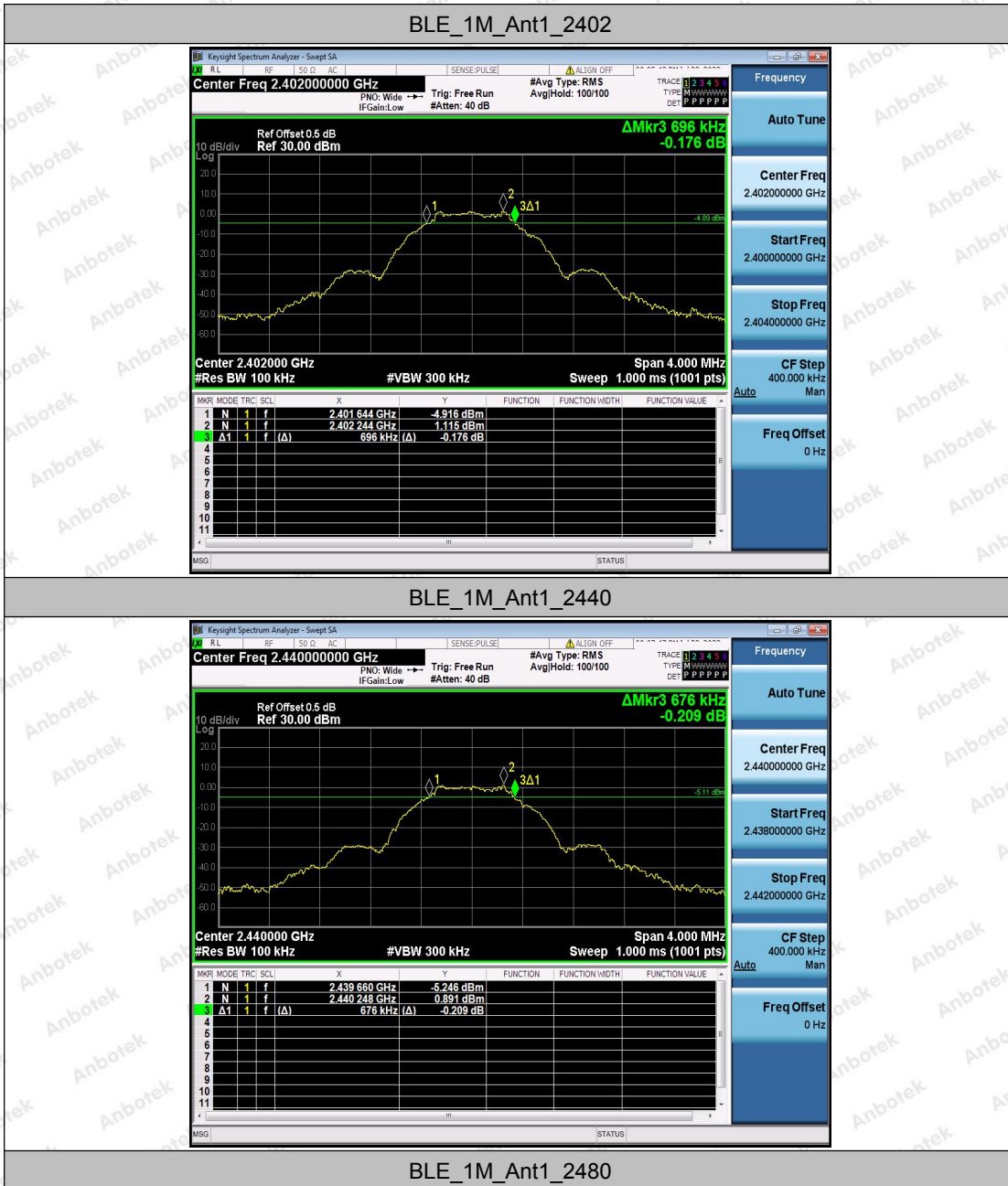
Report No.:	18220WC20158601	Test Sample No.:	1-2-2
Start Test Date:	2022.7.15	Finish Test Date:	2022.7.22
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3C°	Relative Humidity:	57 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.644	2402.340	≥0.5	PASS
		2440	0.676	2439.660	2440.336	≥0.5	PASS
		2480	0.704	2479.640	2480.344	≥0.5	PASS

## Test Graphs





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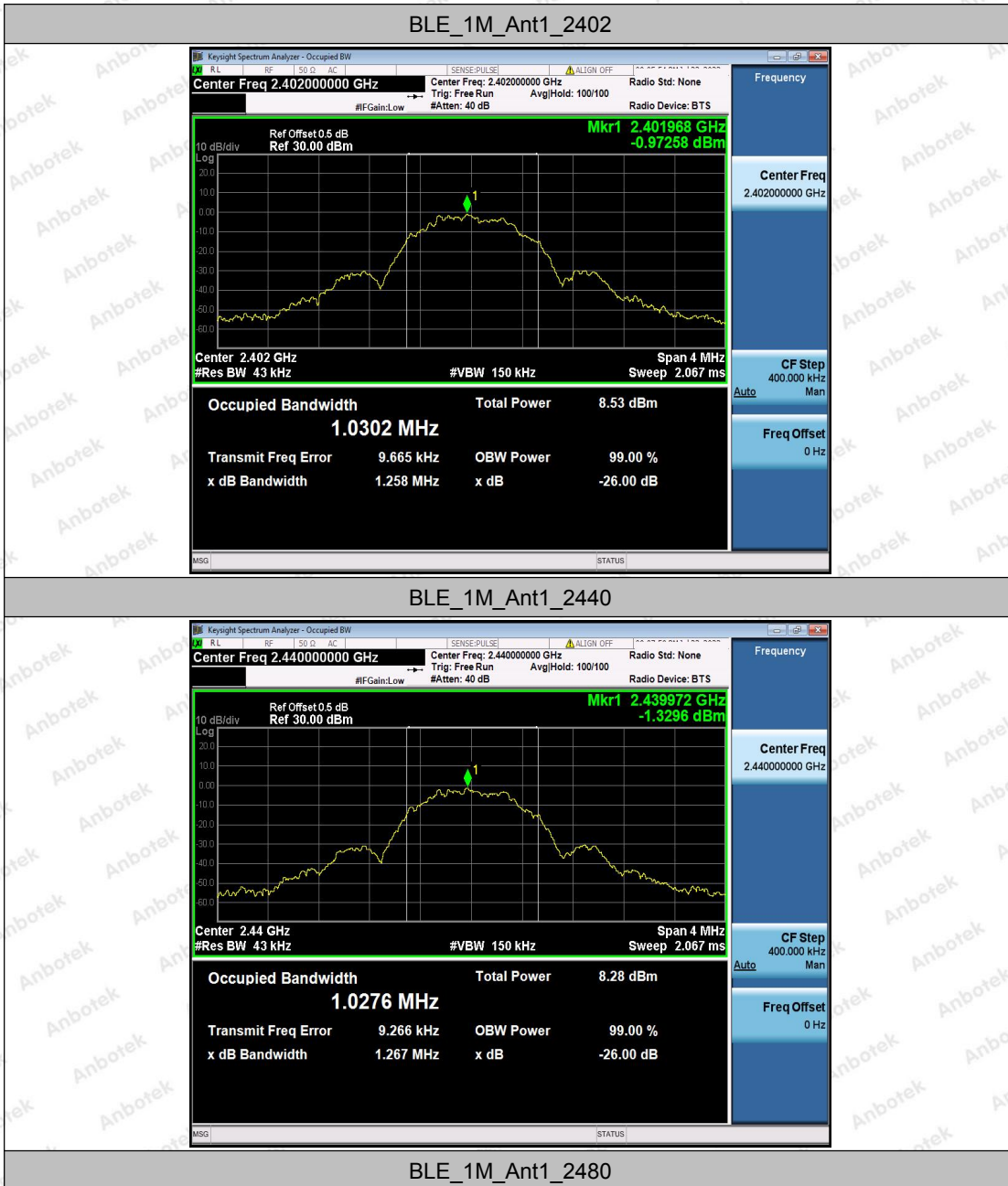
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0302	2401.495	2402.525	---	PASS
		2440	1.0276	2439.495	2440.523	---	PASS
		2480	1.0250	2479.496	2480.521	---	PASS

## Test Graphs





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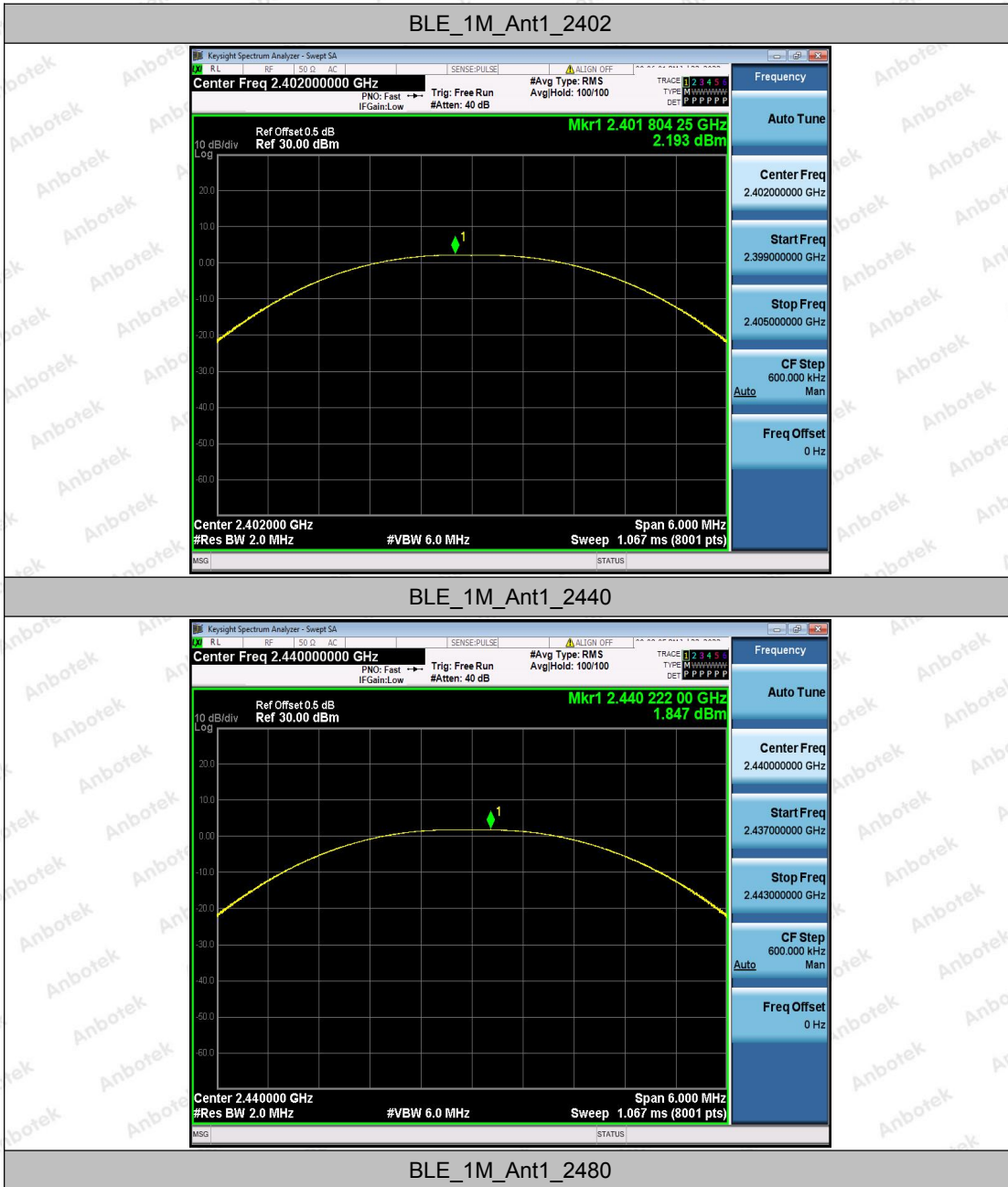
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.19	≤30	PASS
		2440	1.85	≤30	PASS
		2480	1.09	≤30	PASS

## Test Graphs

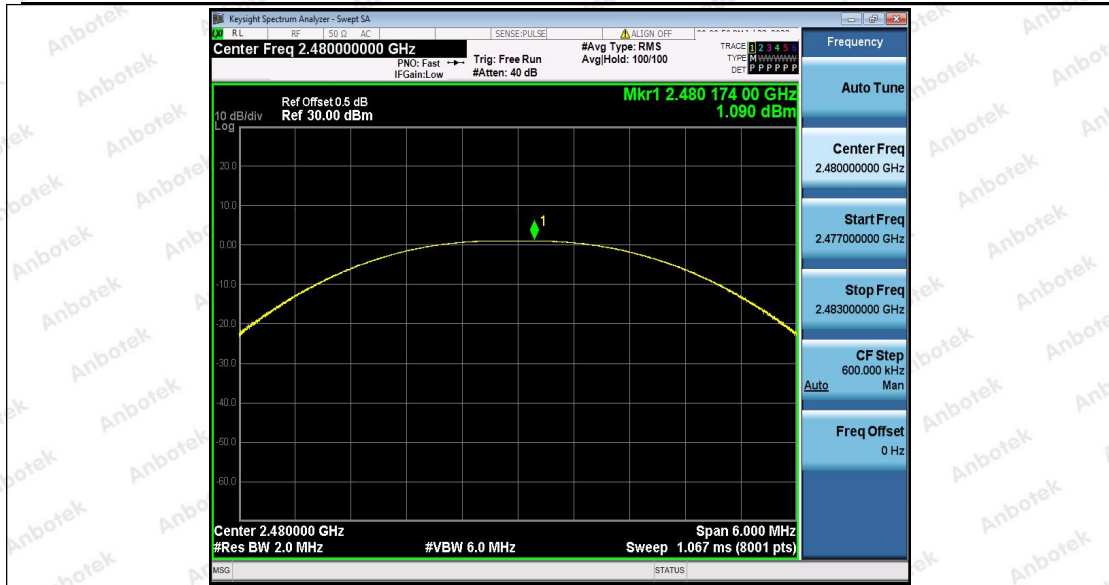


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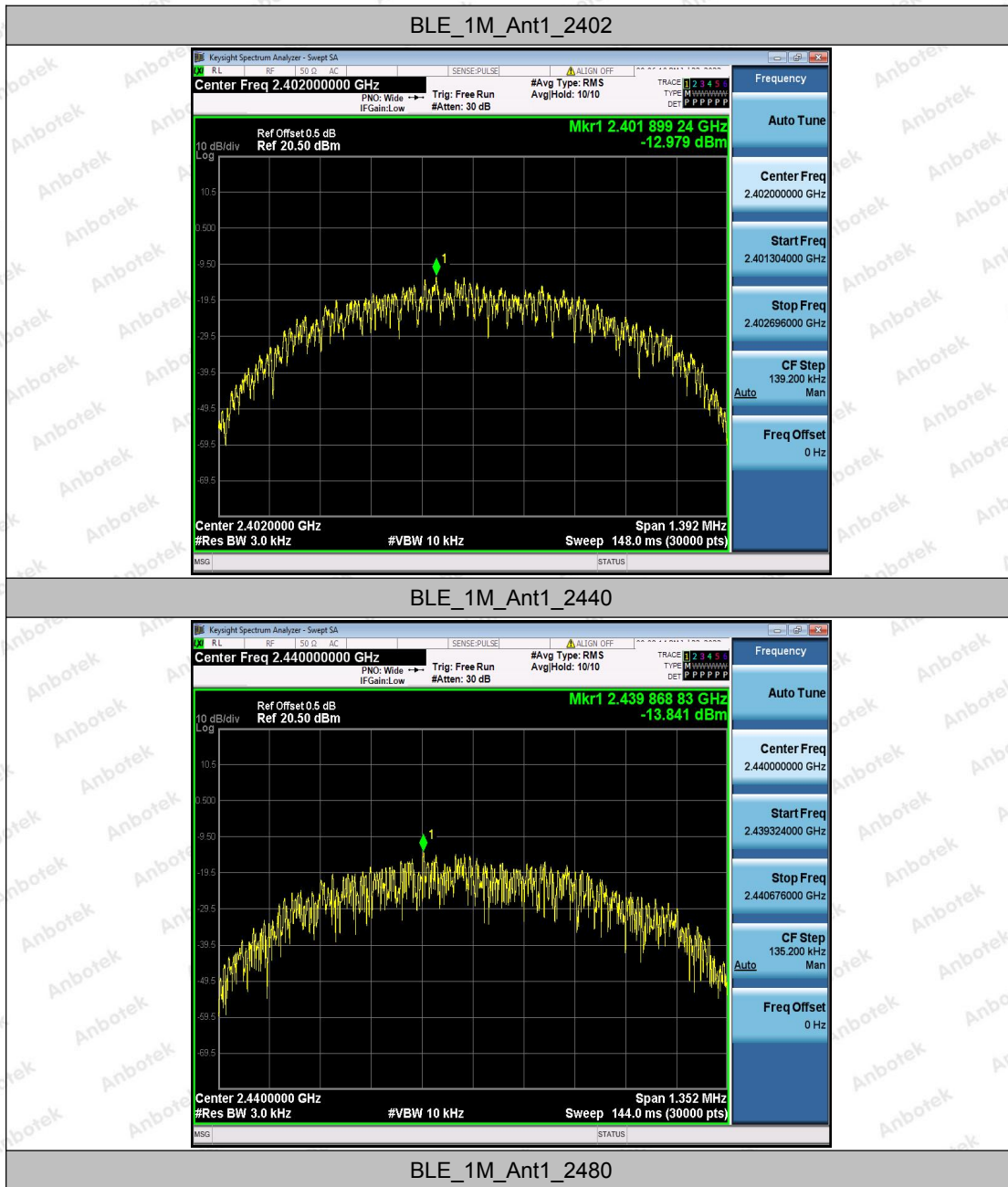
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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.98	≤8	PASS
		2440	-13.84	≤8	PASS
		2480	-14.03	≤8	PASS

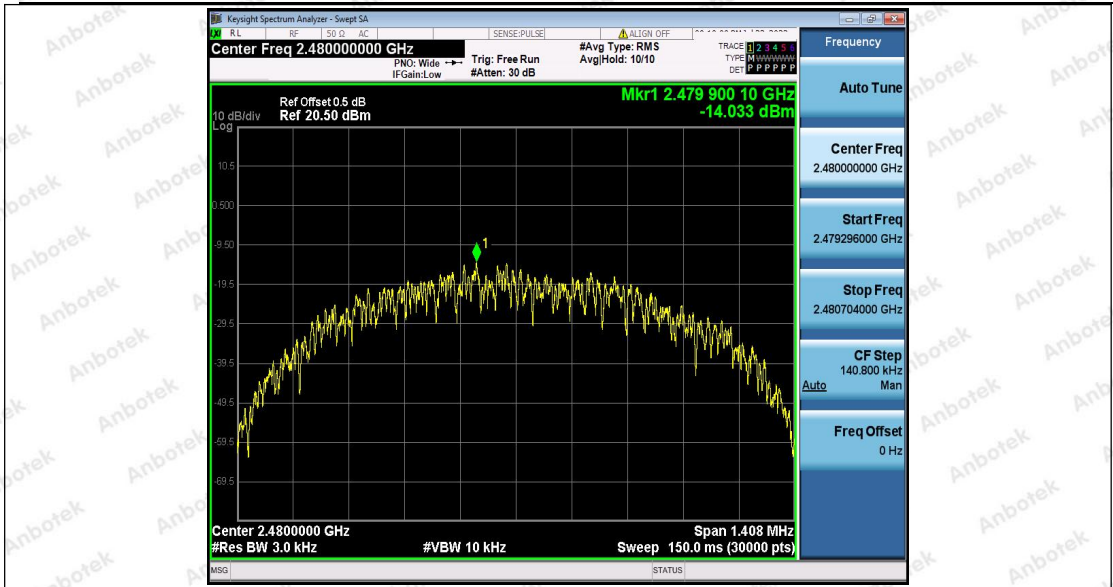
## Test Graphs



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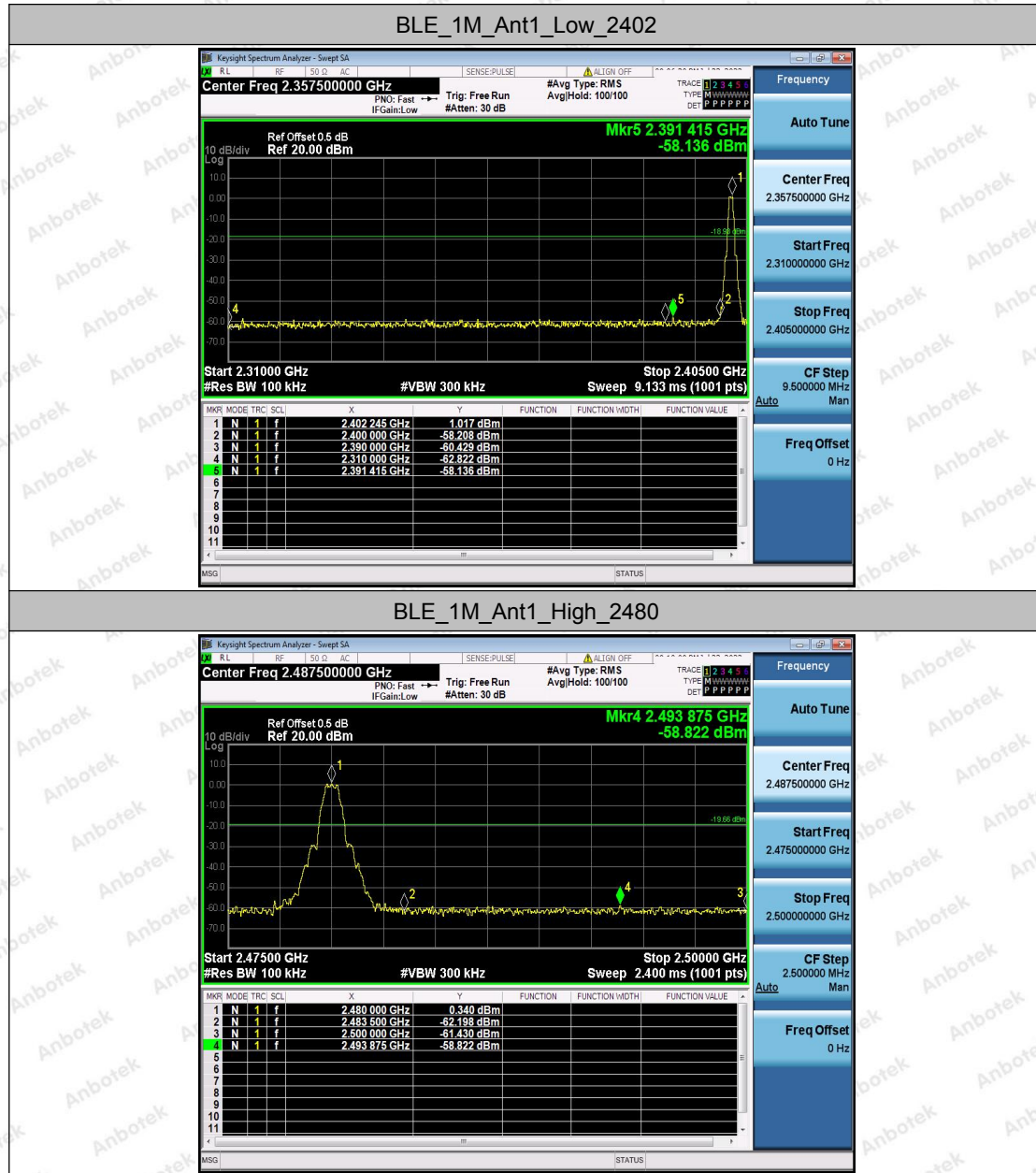
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.02	-58.14	≤-18.98	PASS
		High	2480	0.34	-58.82	≤-19.66	PASS

## Test Graphs

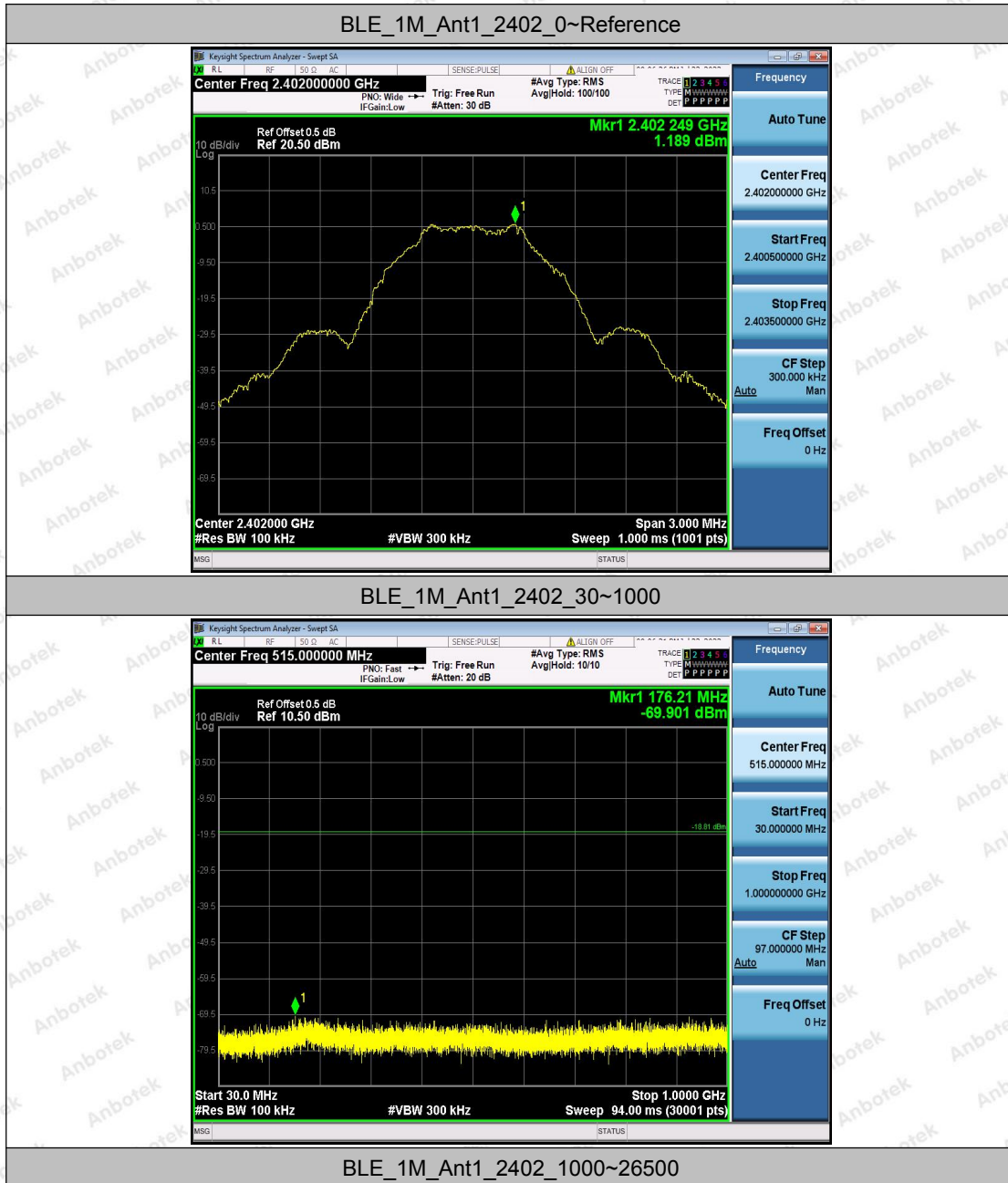


## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.19	1.19	---	PASS
			30~1000	1.19	-69.9	≤-18.81	PASS
			1000~265 00	1.19	-53.41	≤-18.81	PASS
		2440	Reference	0.75	0.75	---	PASS
			30~1000	0.75	-69.5	≤-19.25	PASS
			1000~265 00	0.75	-53.51	≤-19.25	PASS
		2480	Reference	0.21	0.21	---	PASS
			30~1000	0.21	-69.27	≤-19.79	PASS
			1000~265 00	0.21	-53.87	≤-19.79	PASS

## Test Graphs



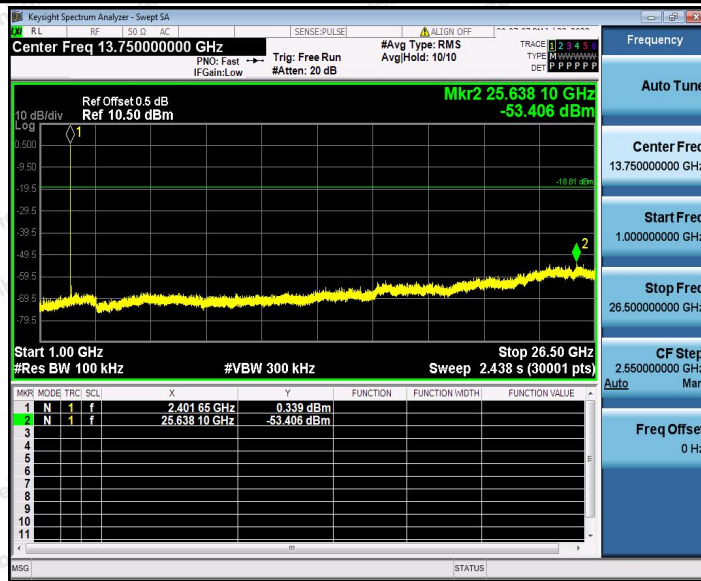
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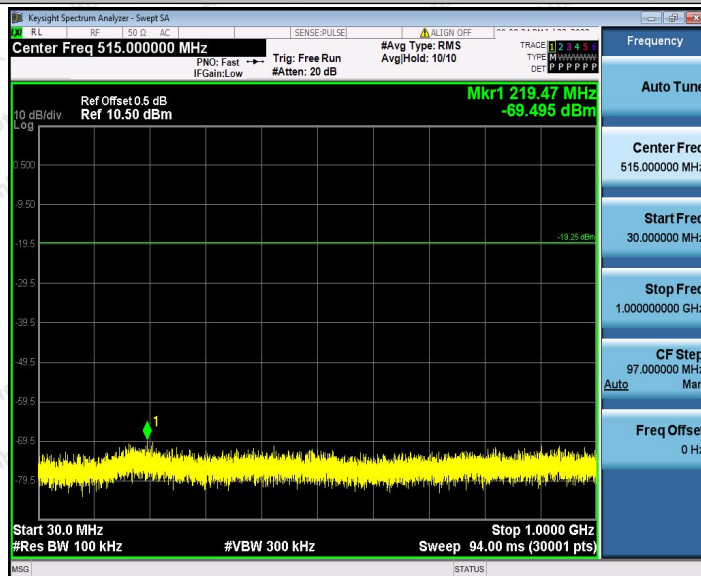




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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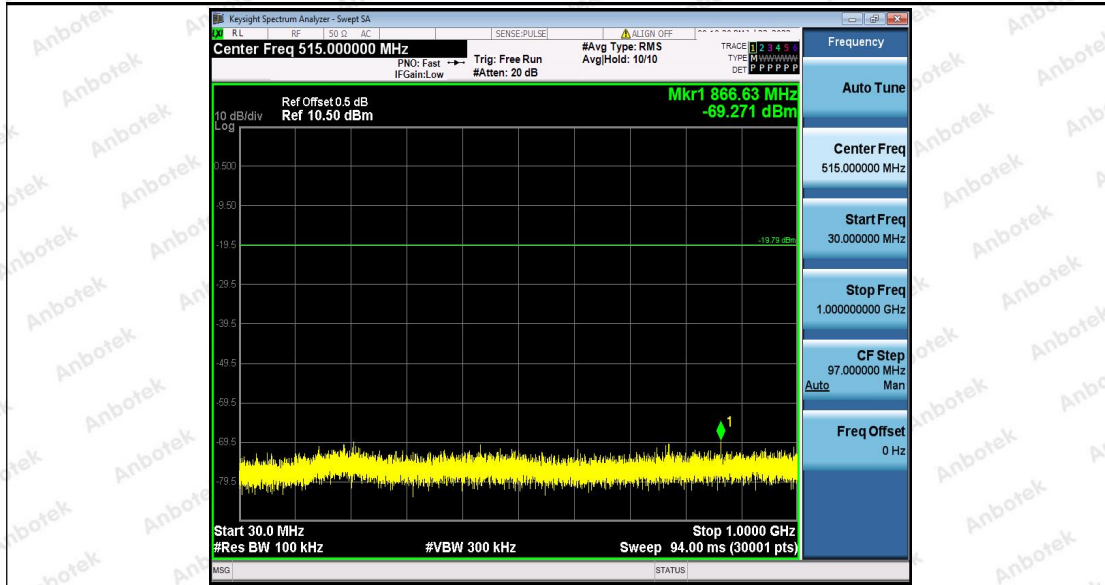


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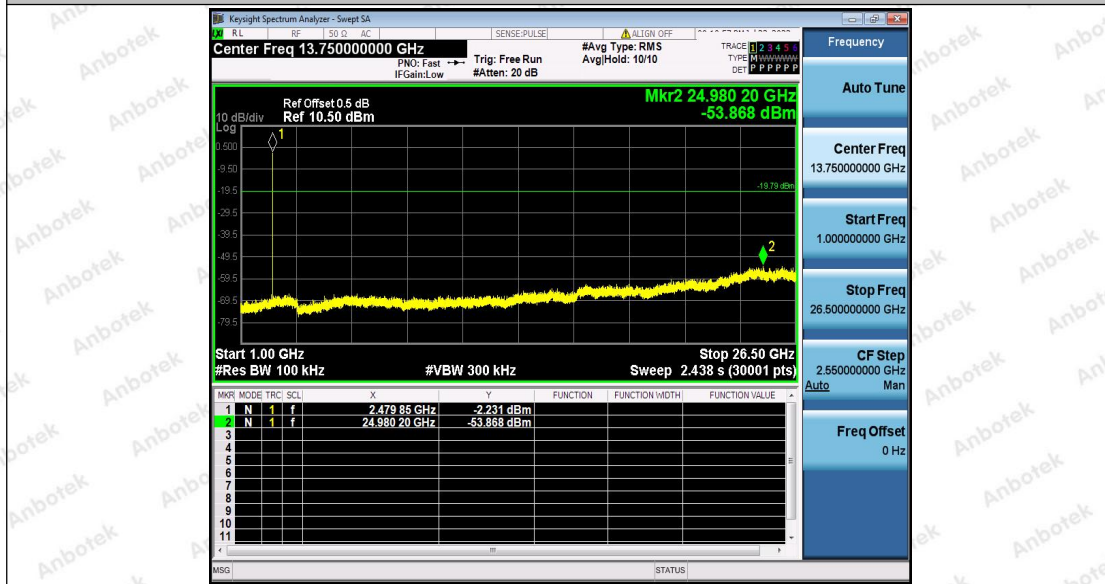
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BLE\_1M\_Ant1\_2480\_1000~26500



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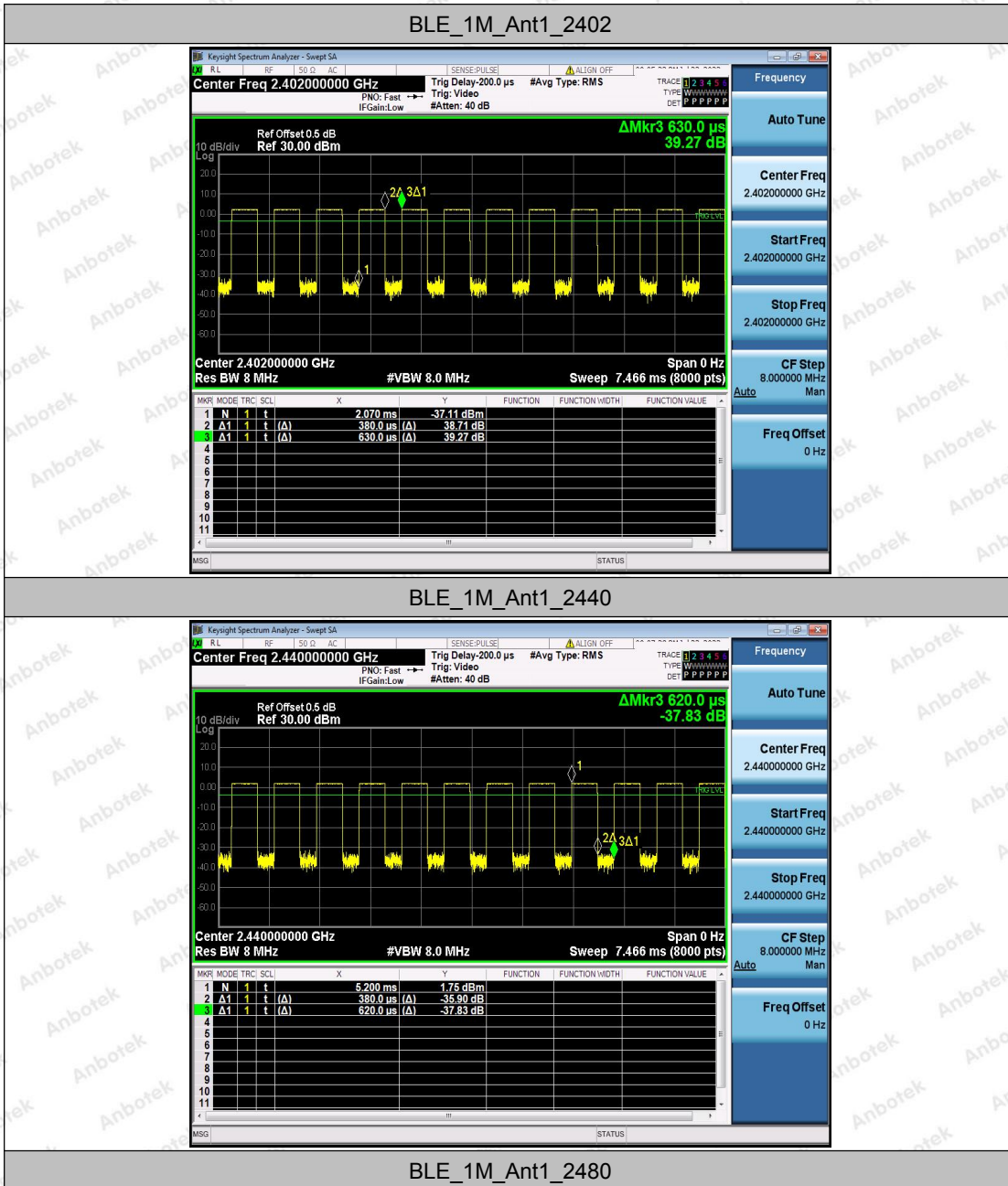
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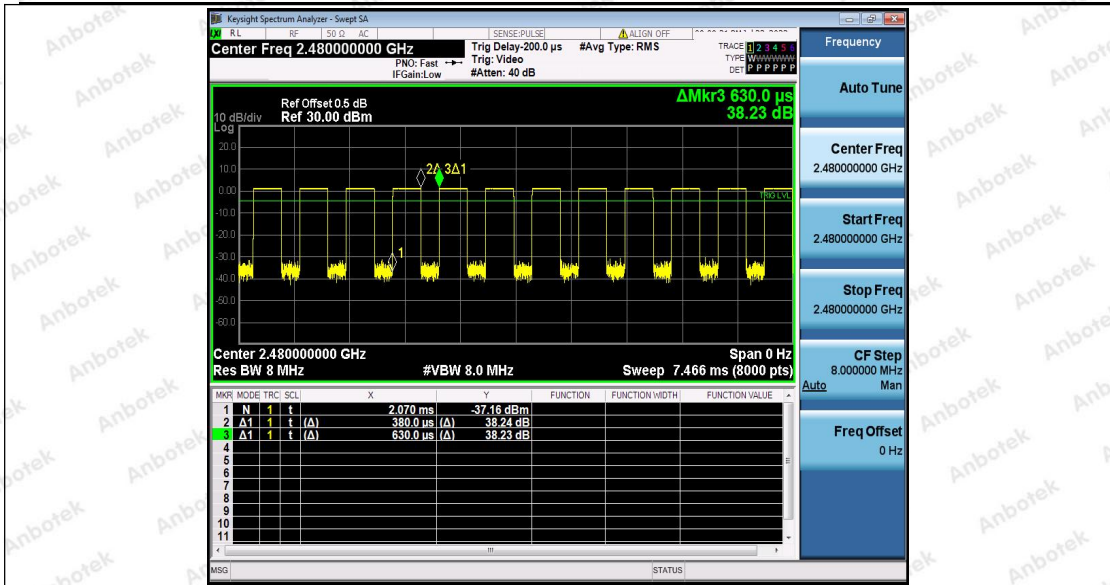
## Appendix G: Duty Cycle

### 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---