



Appendix A

RF Test Data for BT (BLE) (Conducted Measurement)

Product Name: Smart watch

Trade Mark: MyBat Pro

Test Model: Monarch

Environmental Conditions

Temperature:	25.8° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

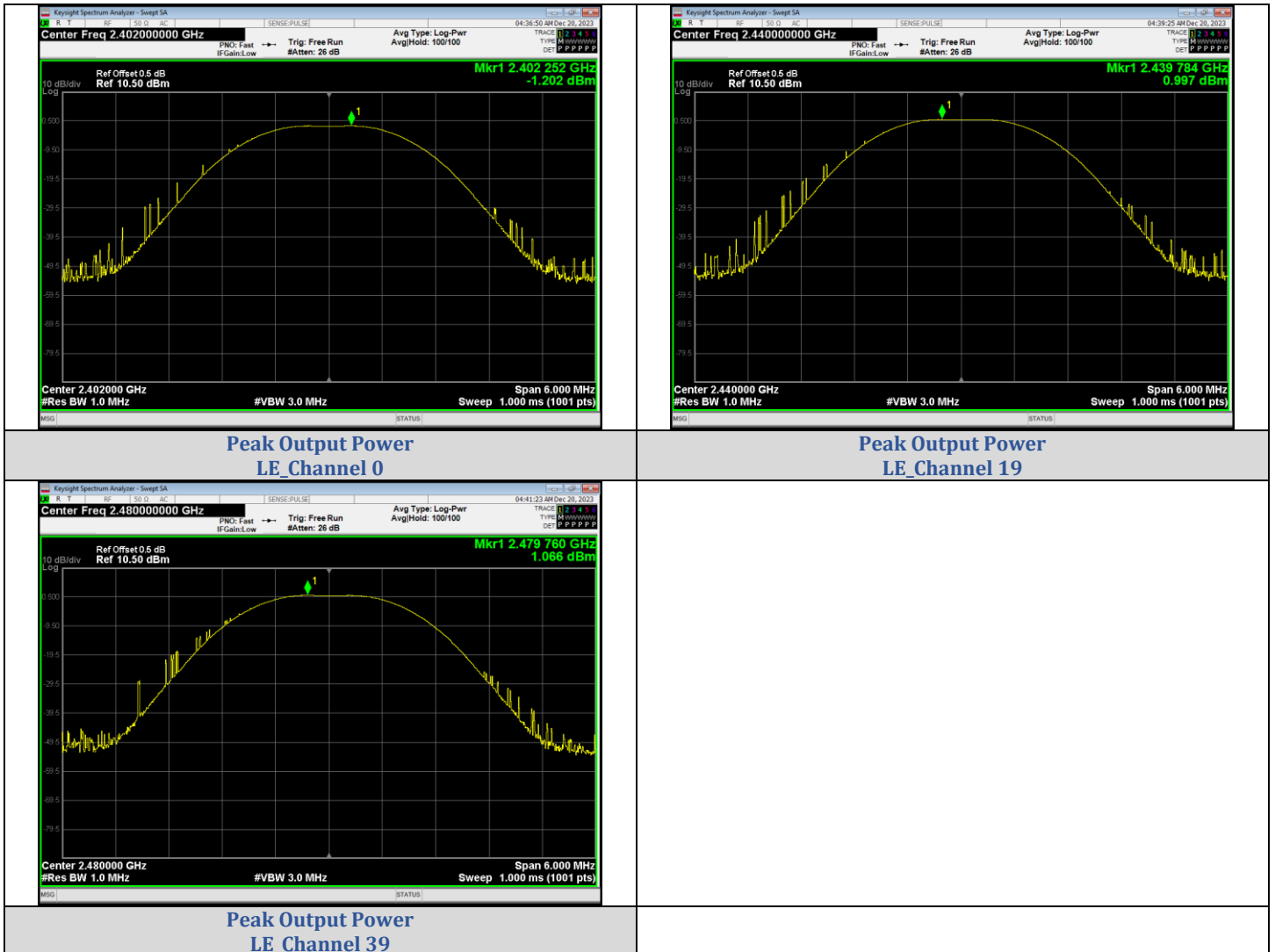


Conducted Peak Output Power Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
LE	0	-1.202	0.76	None	30	PASS
	19	0.997	1.26	None	30	PASS
	39	1.066	1.28	None	30	PASS

Mode	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Result
LE	0	-1.202	30	-1.202	36.02	None	PASS
	19	0.997	30	0.997	36.02	None	PASS
	39	1.066	30	1.066	36.02	None	PASS

Test Graphs

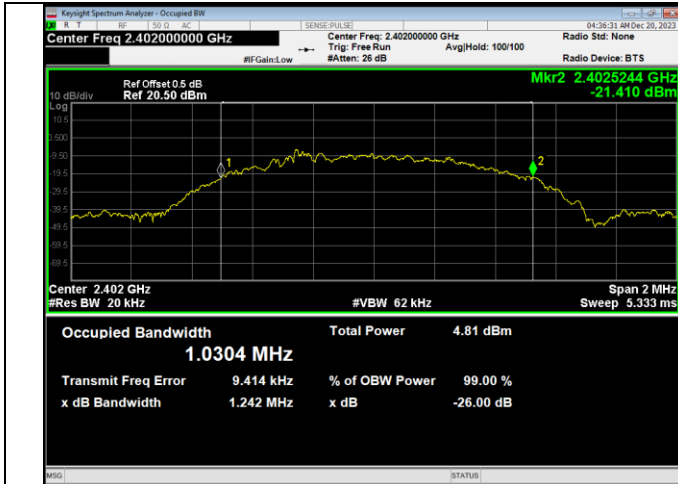




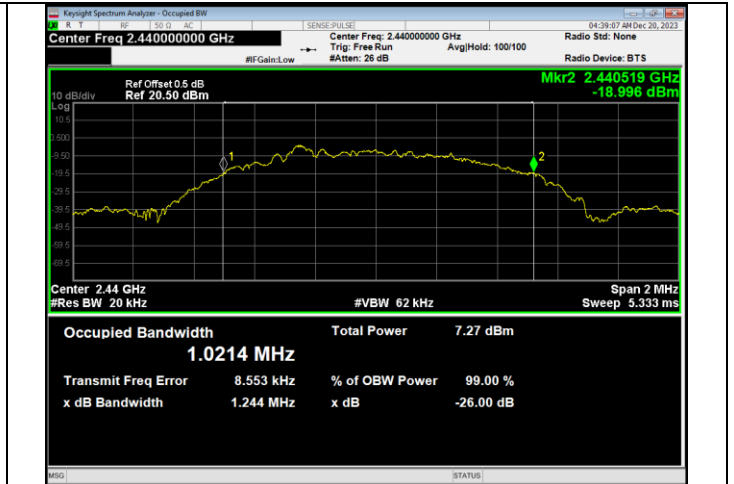
99% Bandwidth Test Result

Mode	Channel	99% BW (MHz)
LE	0	1.0304
LE	19	1.0214
LE	39	1.0288

Test Graphs



LE_Channel 0



LE_Channel 19



LE_Channel 39



6dB Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
LE	0	2402	0.6613	0.5	PASS
	19	2440	0.6605		PASS
	39	2480	0.6615		PASS

Test Graphs

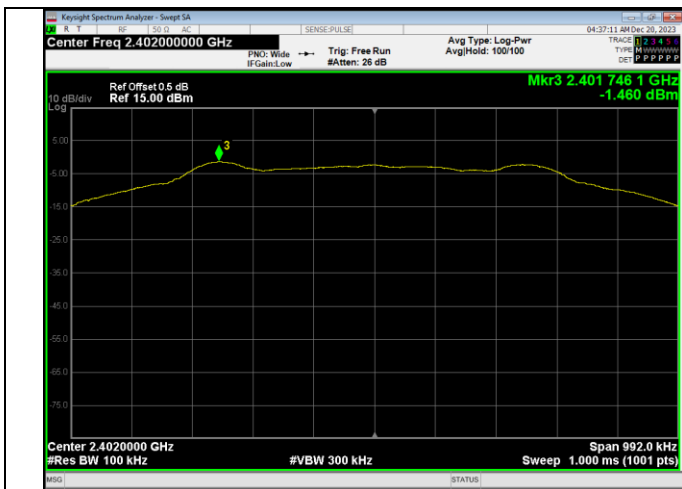




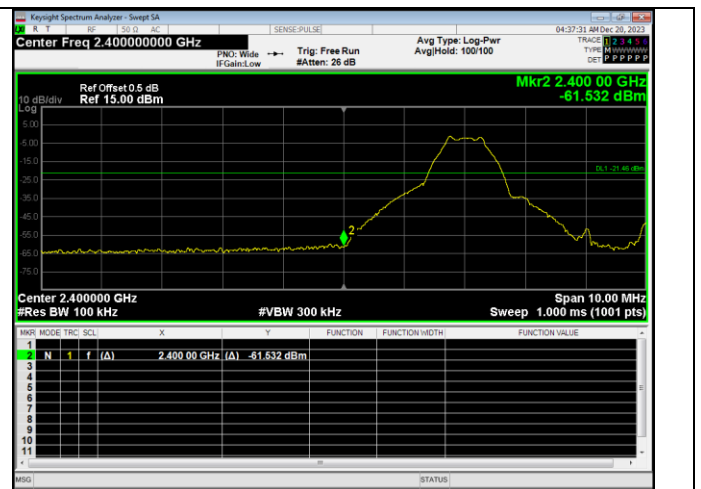
**Conducted Out Of Band Emission
Test Result**

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-61.532	-21.46	-40.072	PASS
		24937.0	-50.292	-21.46	-28.832	PASS
	19	3419.14	-48.888	-19.13	-29.758	PASS
	39	2483.50	-62.186	-19.09	-43.096	PASS
		24927.0	-50.081	-19.09	-30.991	PASS

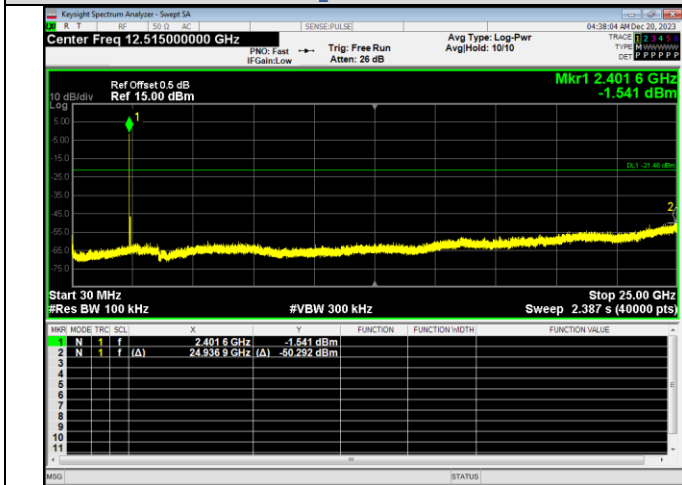
Test Graphs



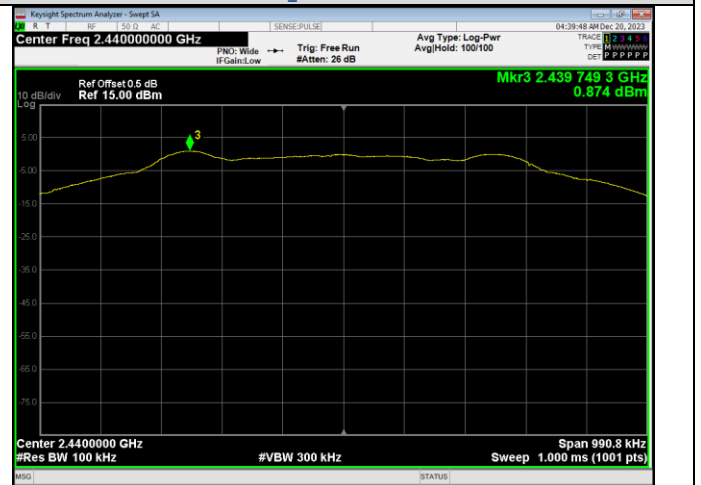
**In-Band Reference Level
LE_Channel 0**



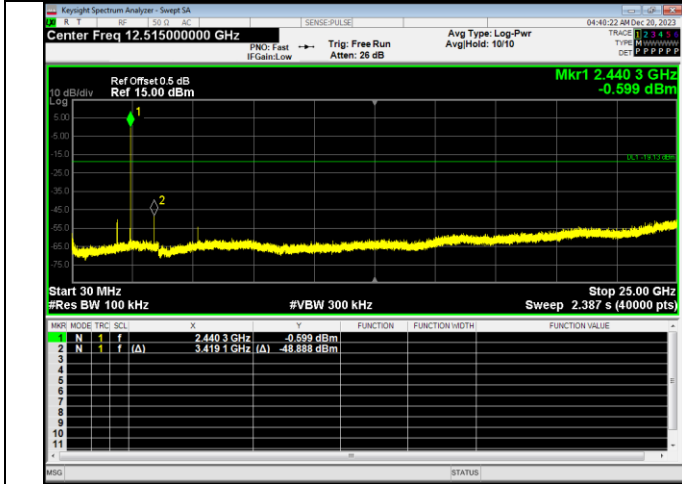
**Out Of Band Emission
LE_Channel 0**



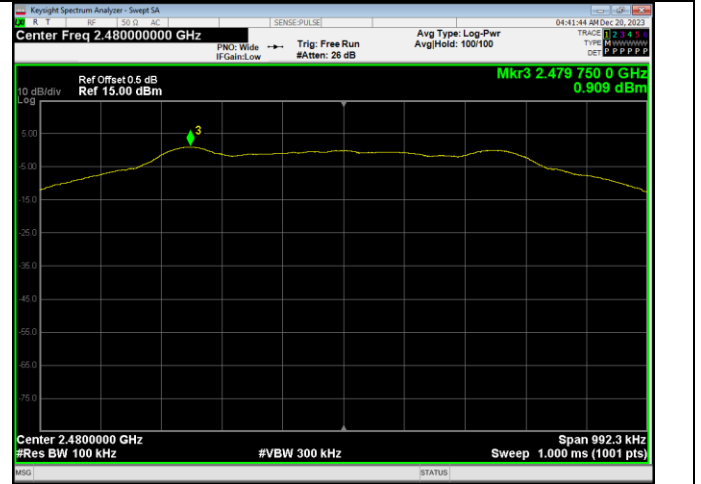
**Spurious Emission
LE_Channel 0**



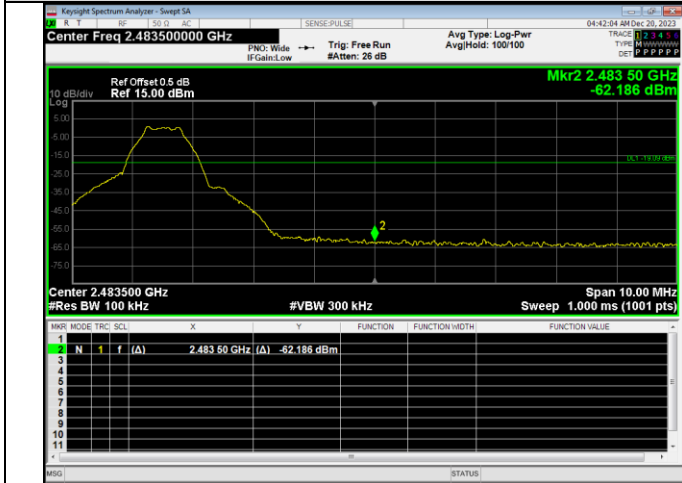
**In-Band Reference Level
LE_Channel 19**



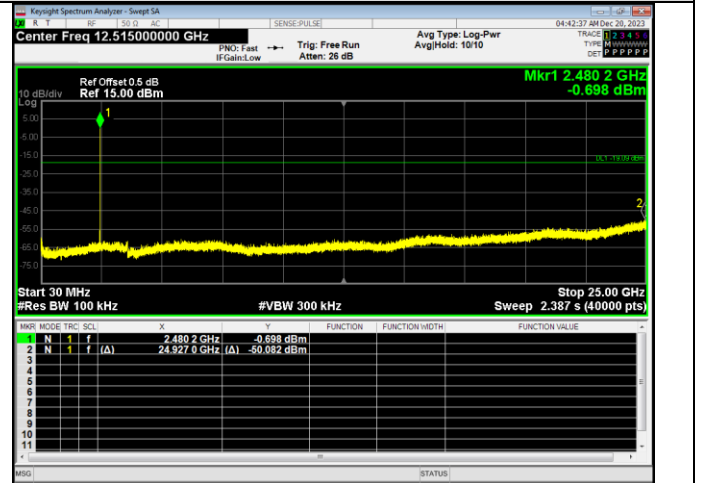
Spurious Emissions
LE_Channel 19



In-Band Reference Level
LE_Channel 39



Out Of Band Emission
LE_Channel 39



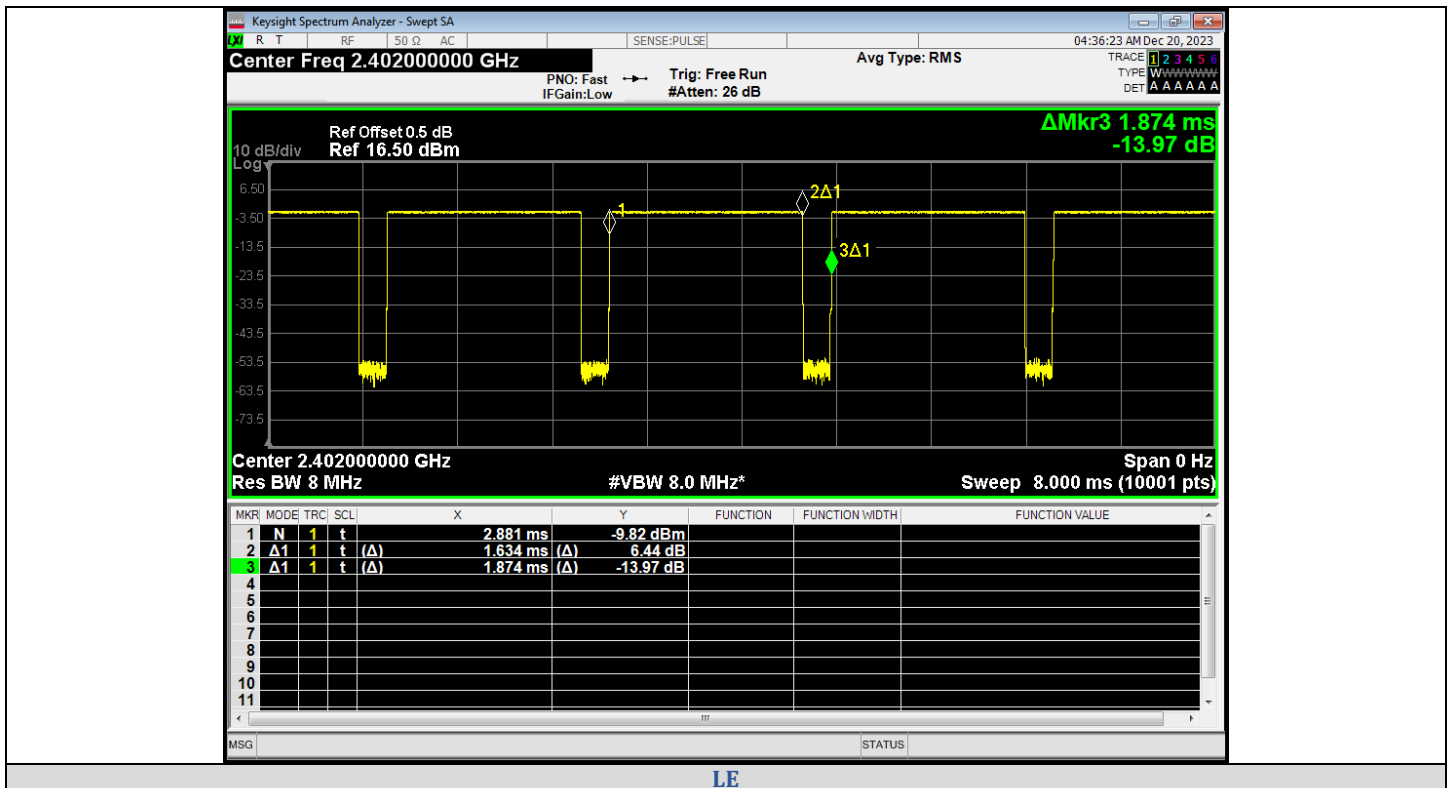
Spurious Emission
LE_Channel 39



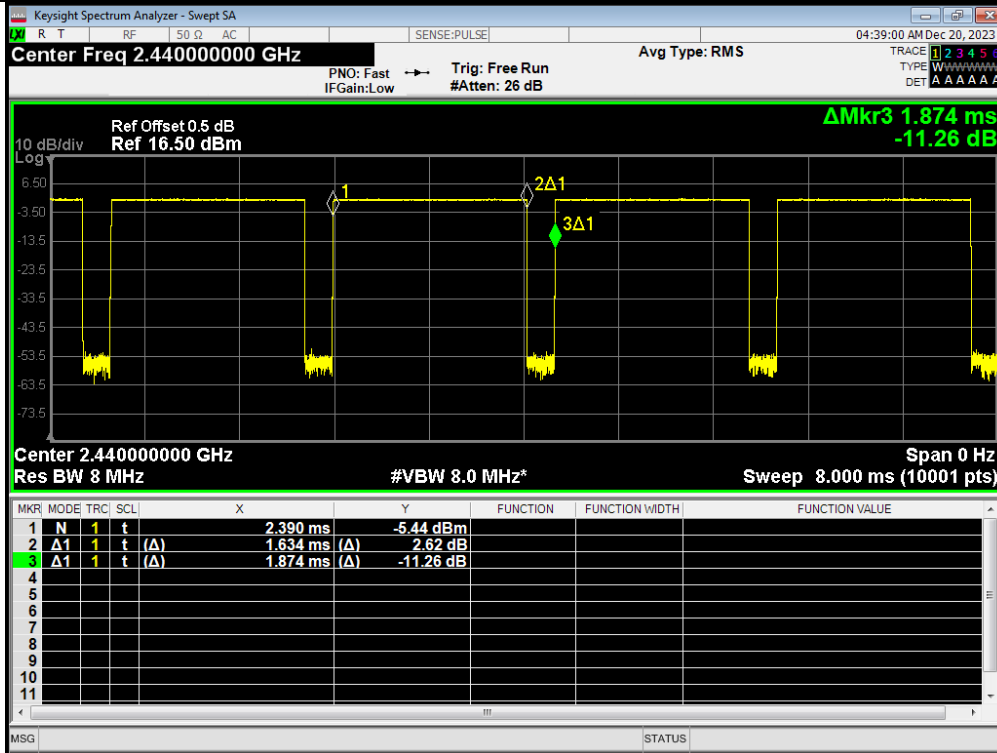
Duty Cycle
Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
LE	0	1.634	1.874	87.15	0.8715	0.5973
	19	1.634	1.874	87.15	0.8715	0.5973
	39	1.633	1.874	87.11	0.8711	0.5993

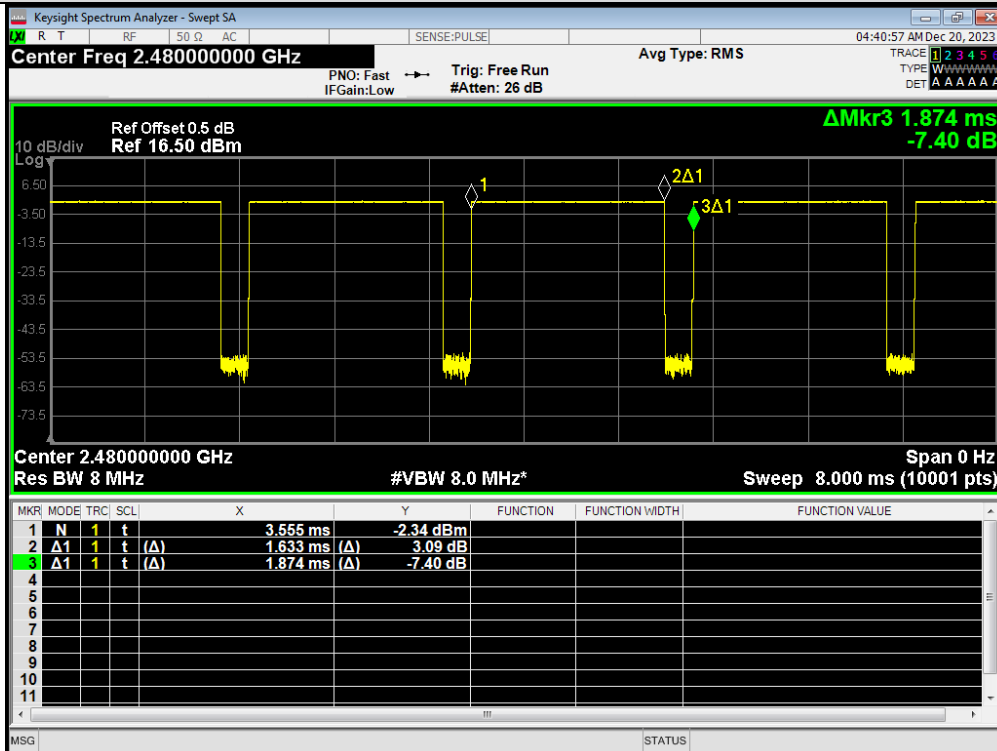
Test Graphs



LE



LE



LE



Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-17.473	8	PASS
LE	19	-15.400	8	PASS
LE	39	-15.471	8	PASS

Test Graphs

