

Appendix B

RF Test Data for BT 5.0 (BLE) (Conducted Measurement)

Product Name: Bluetooth Earphone

Trade Mark: N/A

Test Model: T880

Environmental Conditions

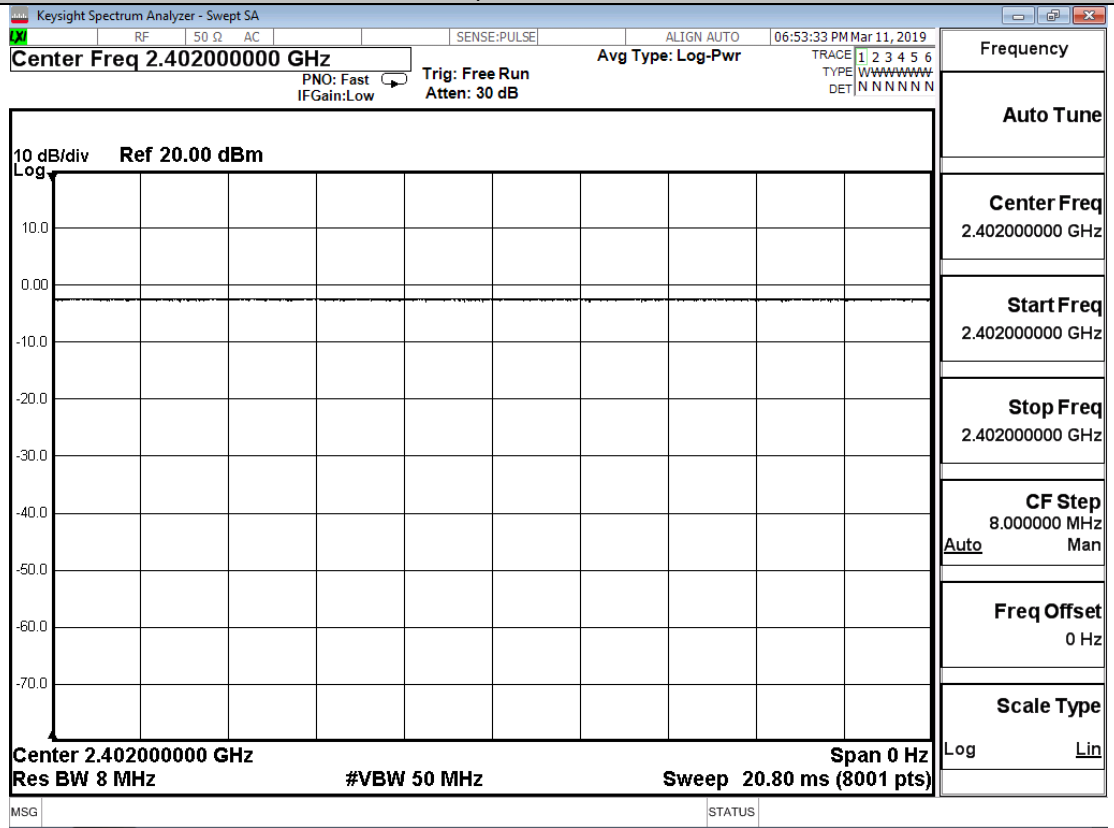
Temperature:	23.6 ° C
Relative Humidity:	60%
ATM Pressure:	100.0 kPa
Test Engineer:	AKING JIN
Supervised by:	JAYDEN ZHUO

B.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
LE	2440	Ant1	100	PASS

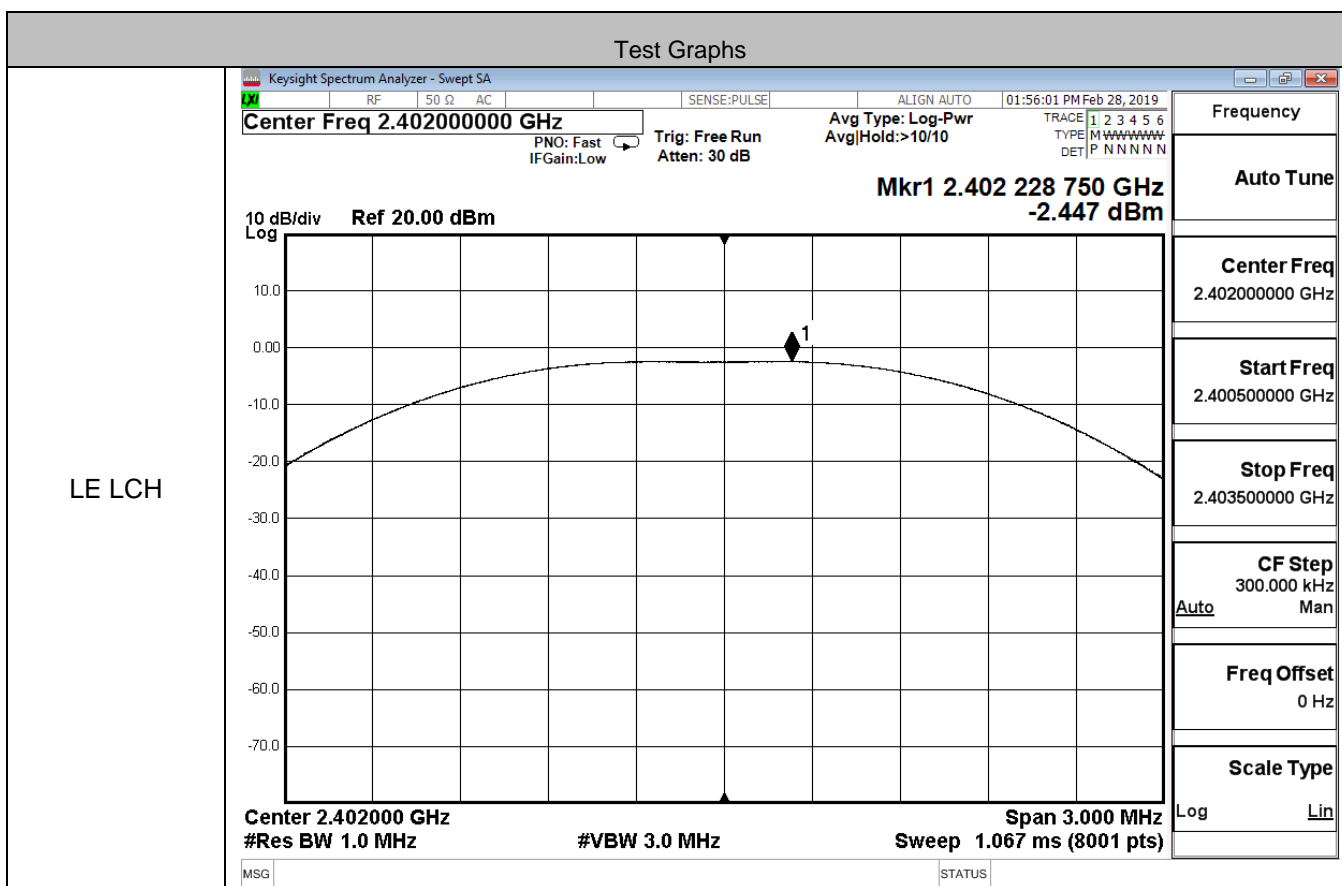
Test Graphs

LE

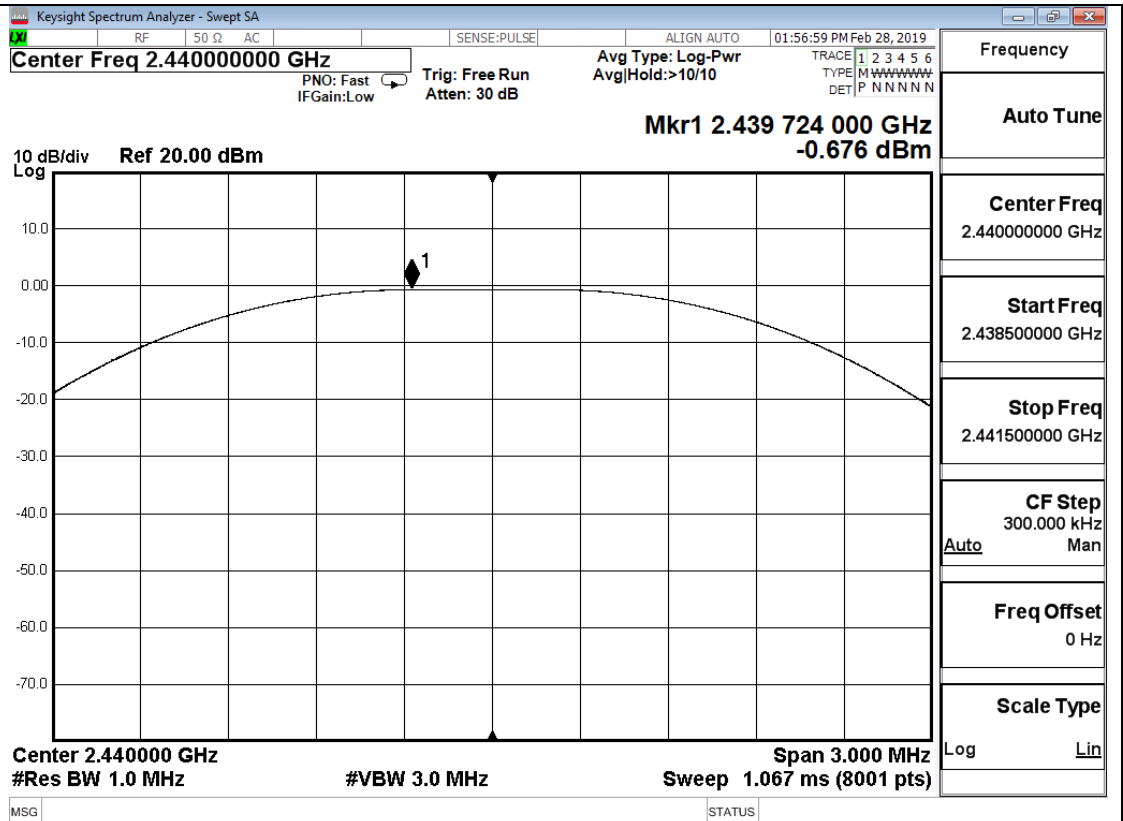


B.2 Maximum Conducted Peak Output Power

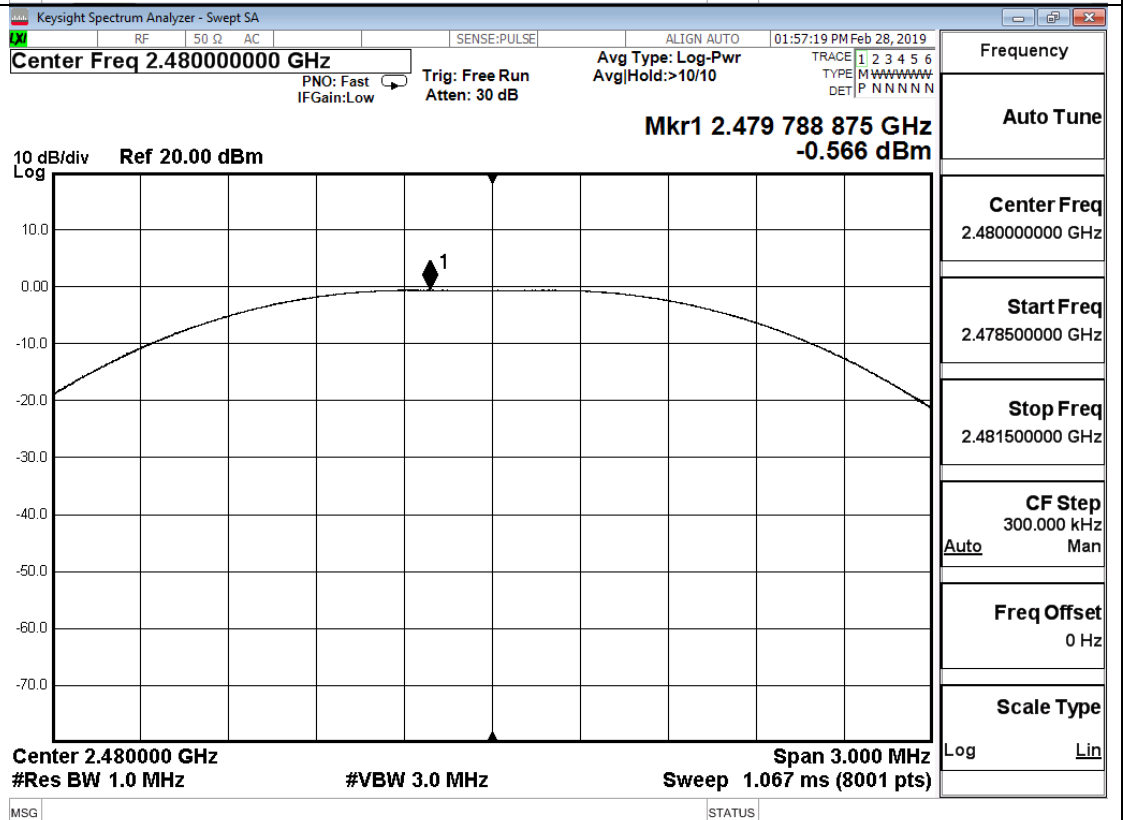
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
LE	LCH	-2.447	30	PASS
LE	MCH	-0.676	30	PASS
LE	HCH	-0.566	30	PASS



LE MCH

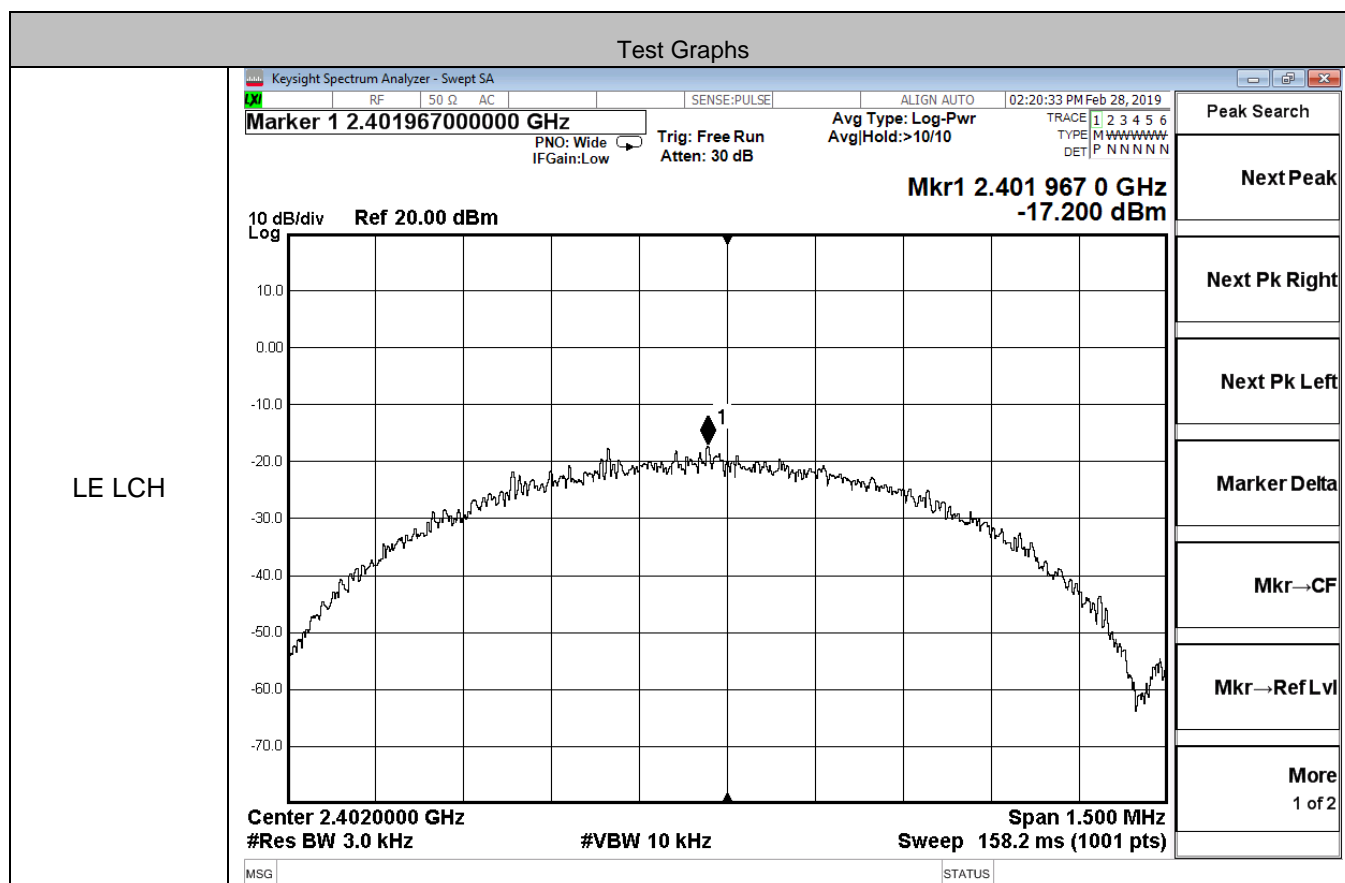


LE HCH

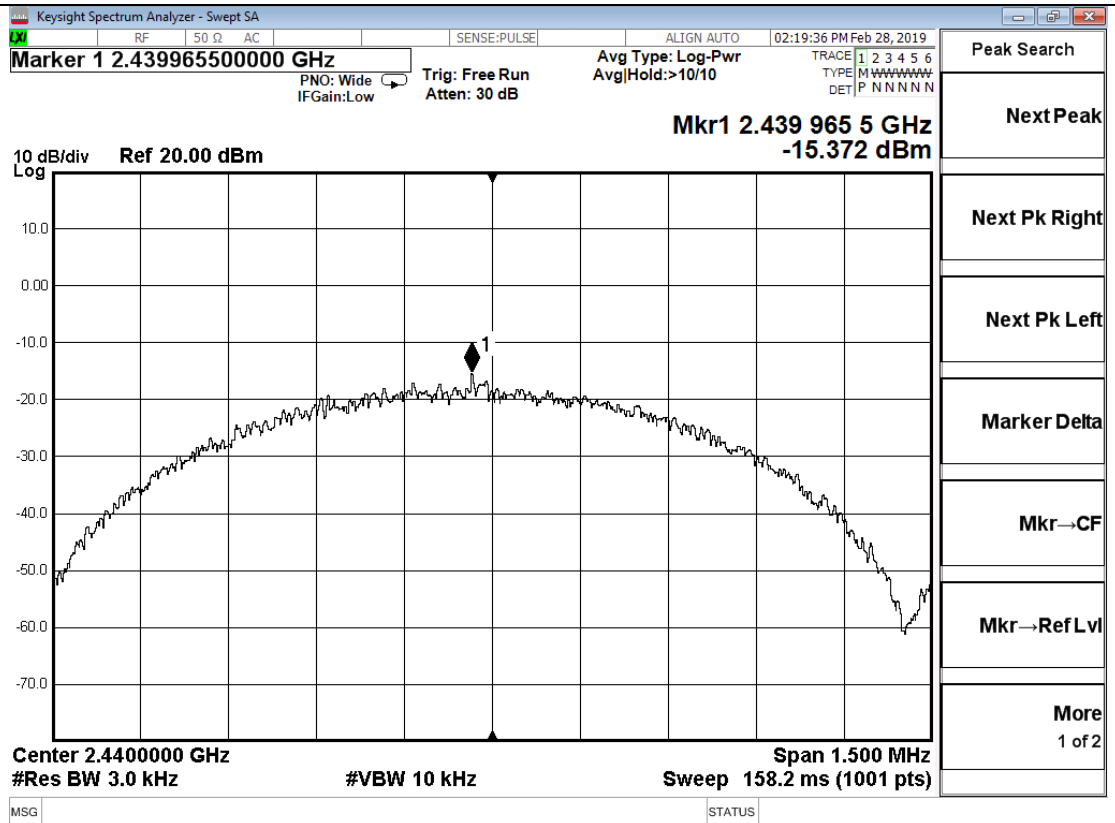


B.3 Maximum Power Spectral Density

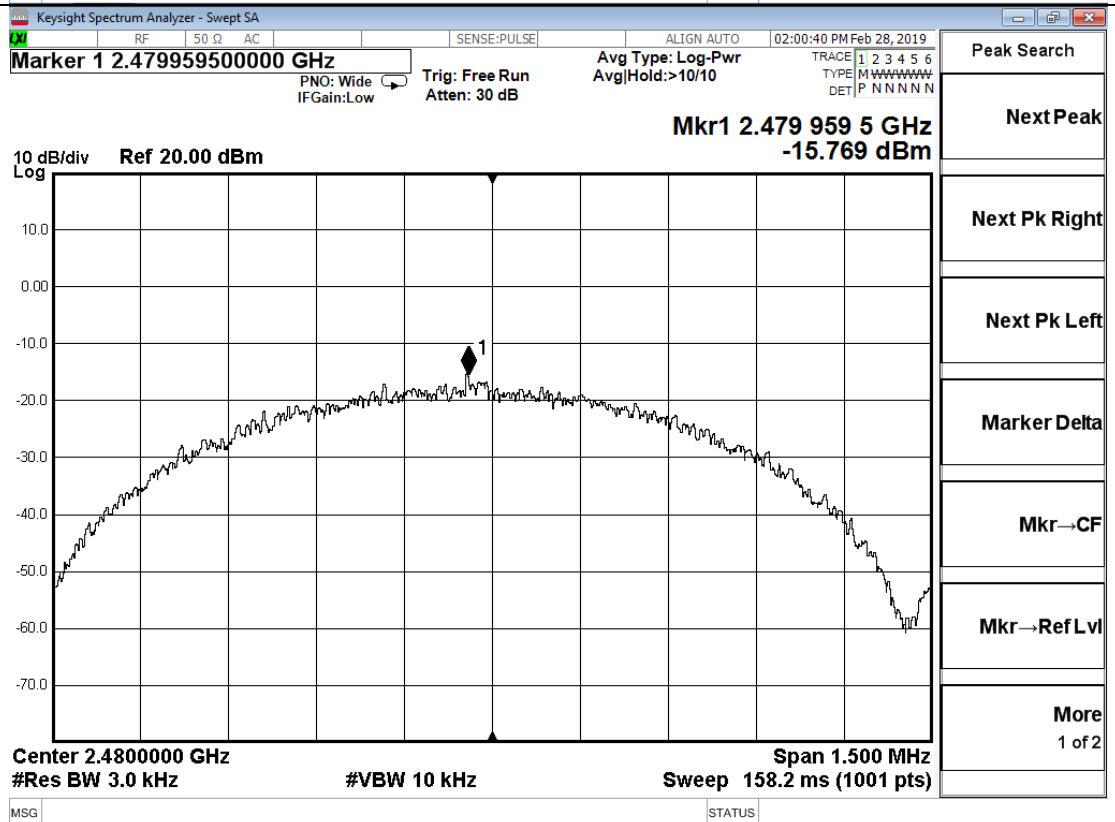
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
LE	LCH	-17.200	8	PASS
LE	MCH	-15.372	8	PASS
LE	HCH	-15.769	8	PASS



LE MCH

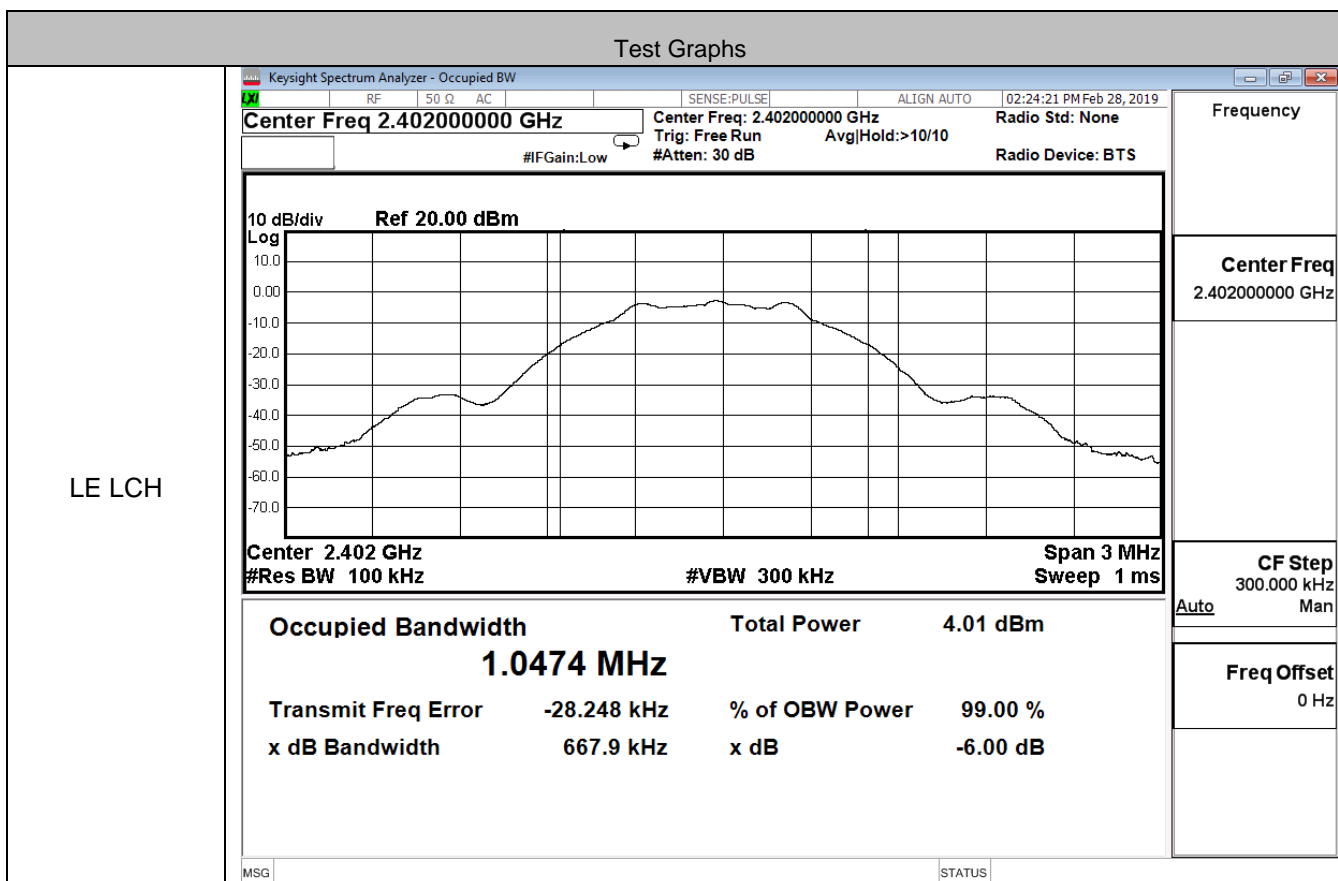


LE HCH

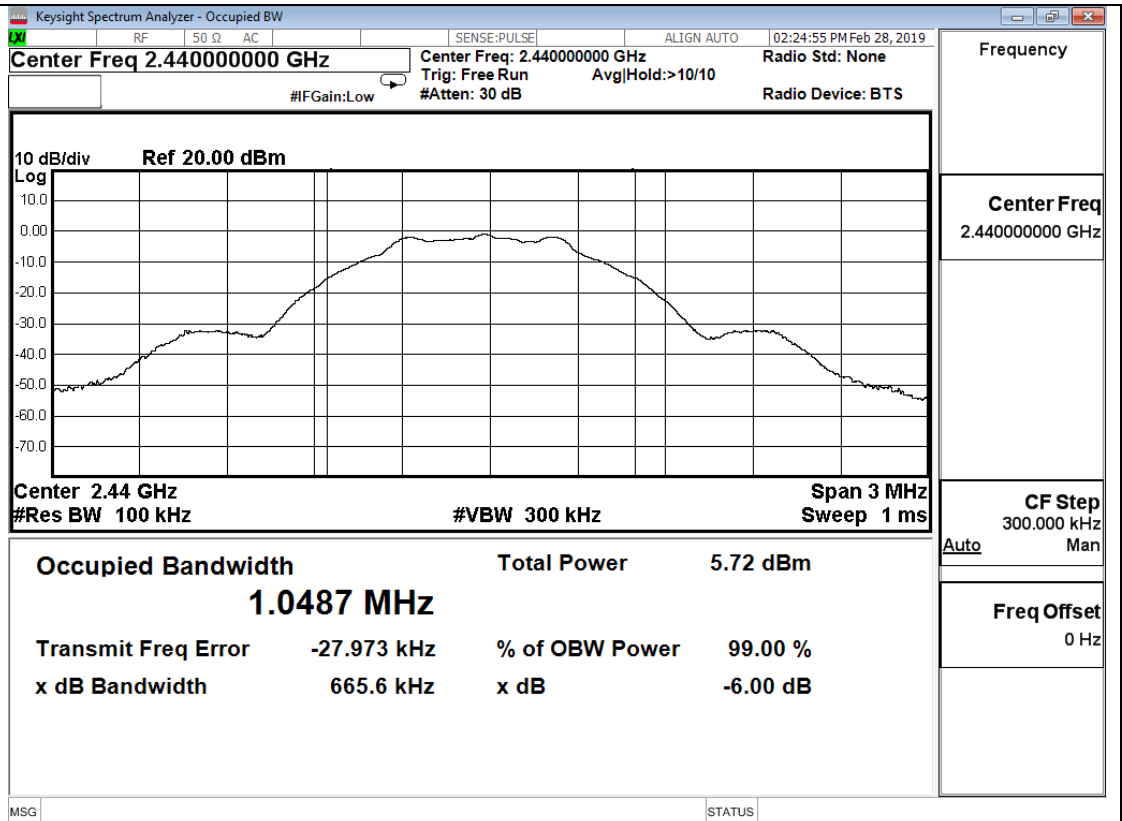


B.4 6dB Bandwidth

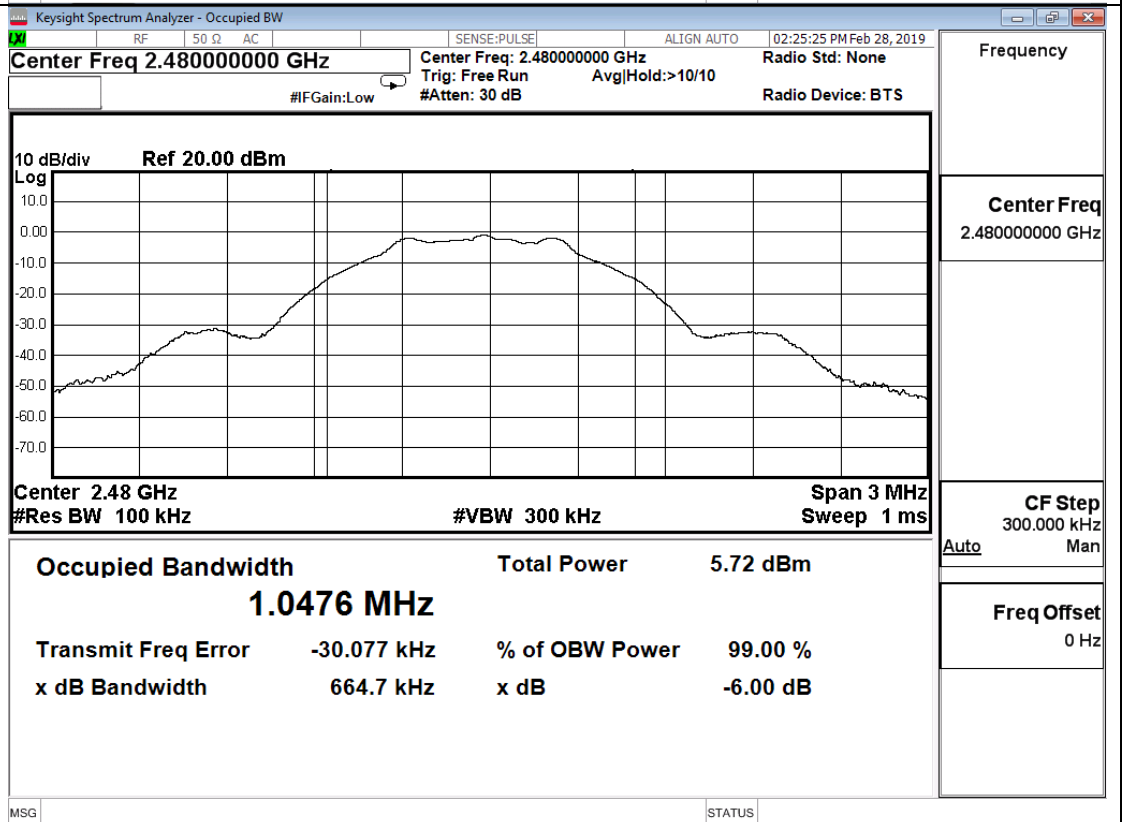
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
LE	LCH	0.6679	≥ 0.5	PASS
LE	MCH	0.6656	≥ 0.5	PASS
LE	HCH	0.6647	≥ 0.5	PASS



LE MCH

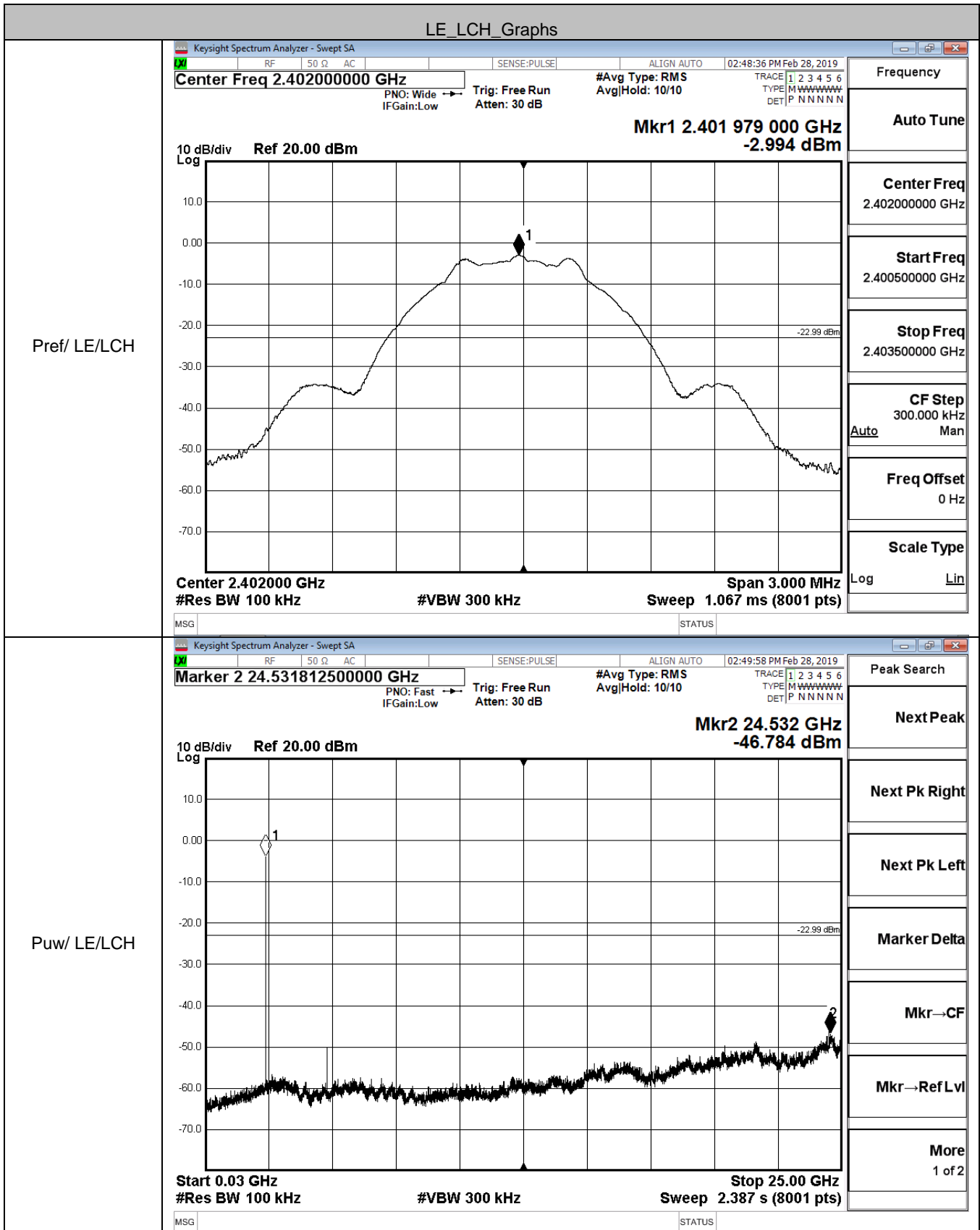


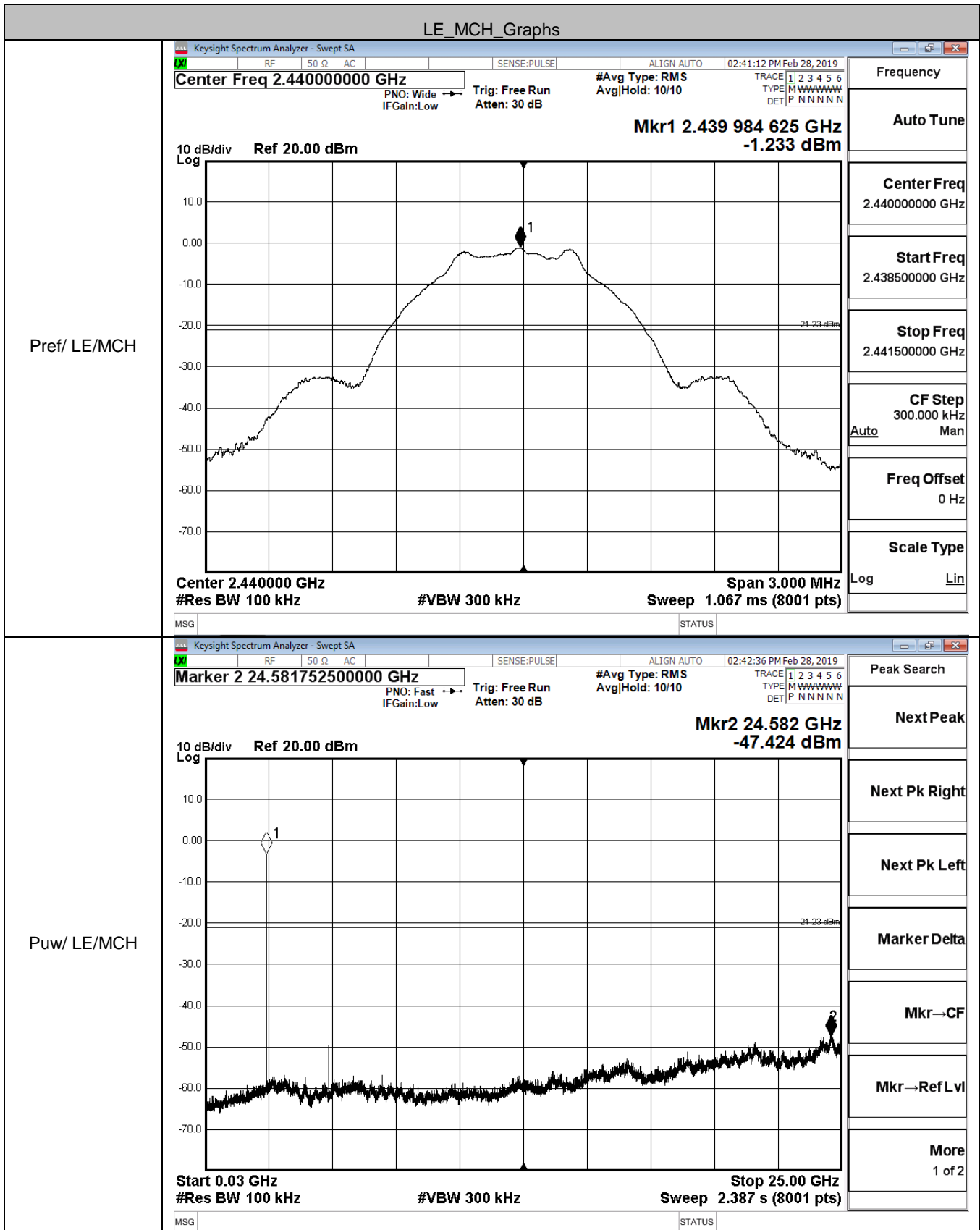
LE HCH

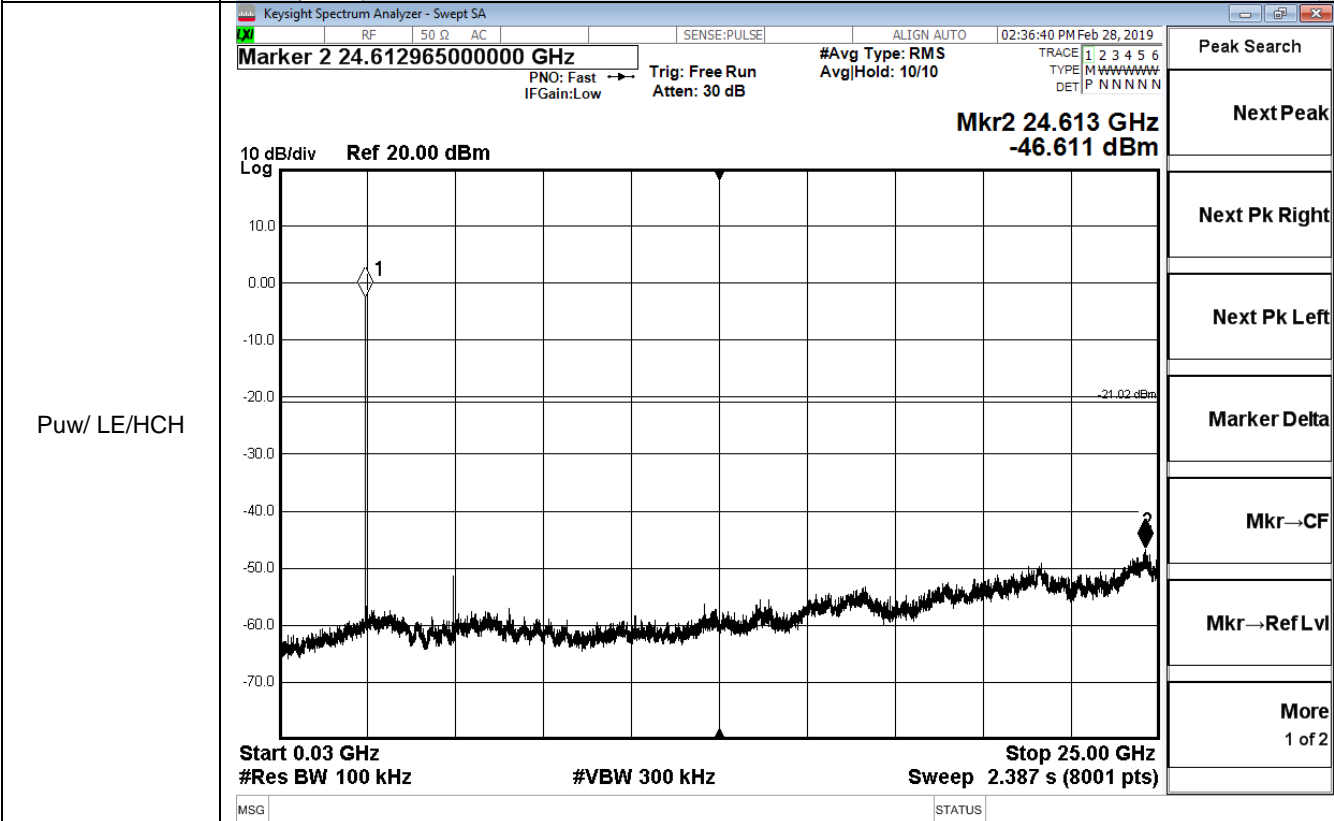
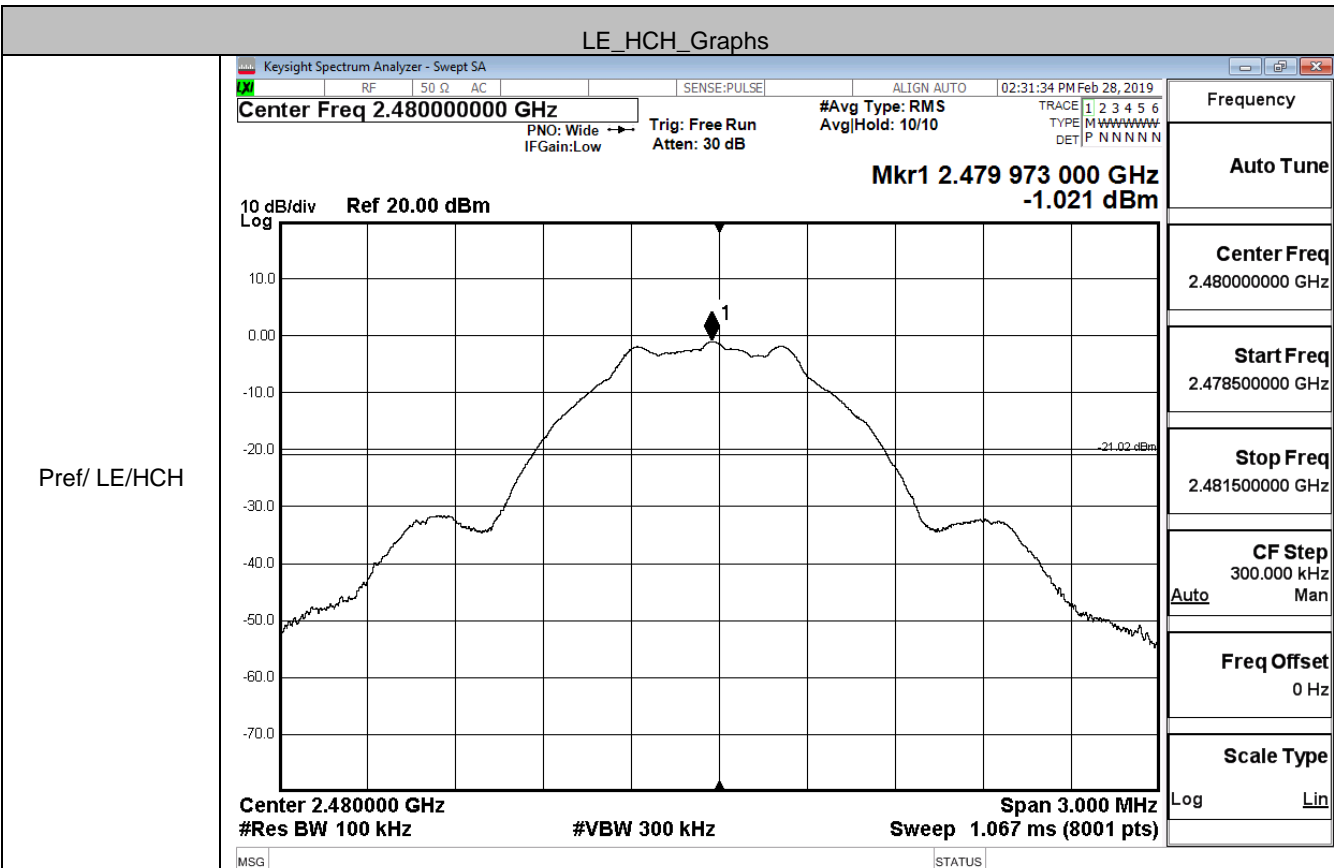


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
LE	LCH	-2.994	-46.784	-22.994	PASS
LE	MCH	-1.233	-47.424	-21.233	PASS
LE	HCH	-1.021	-46.611	-21.021	PASS

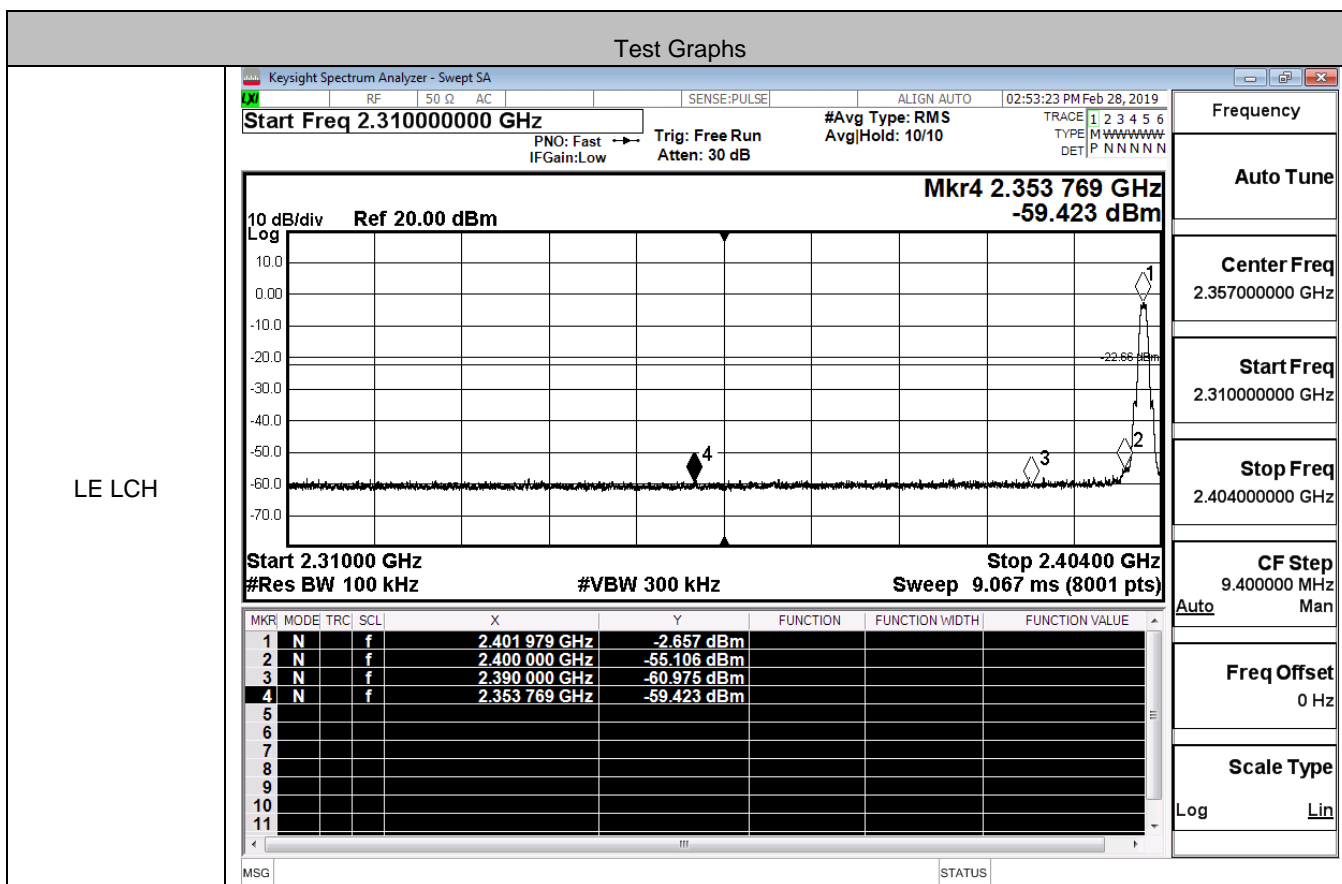




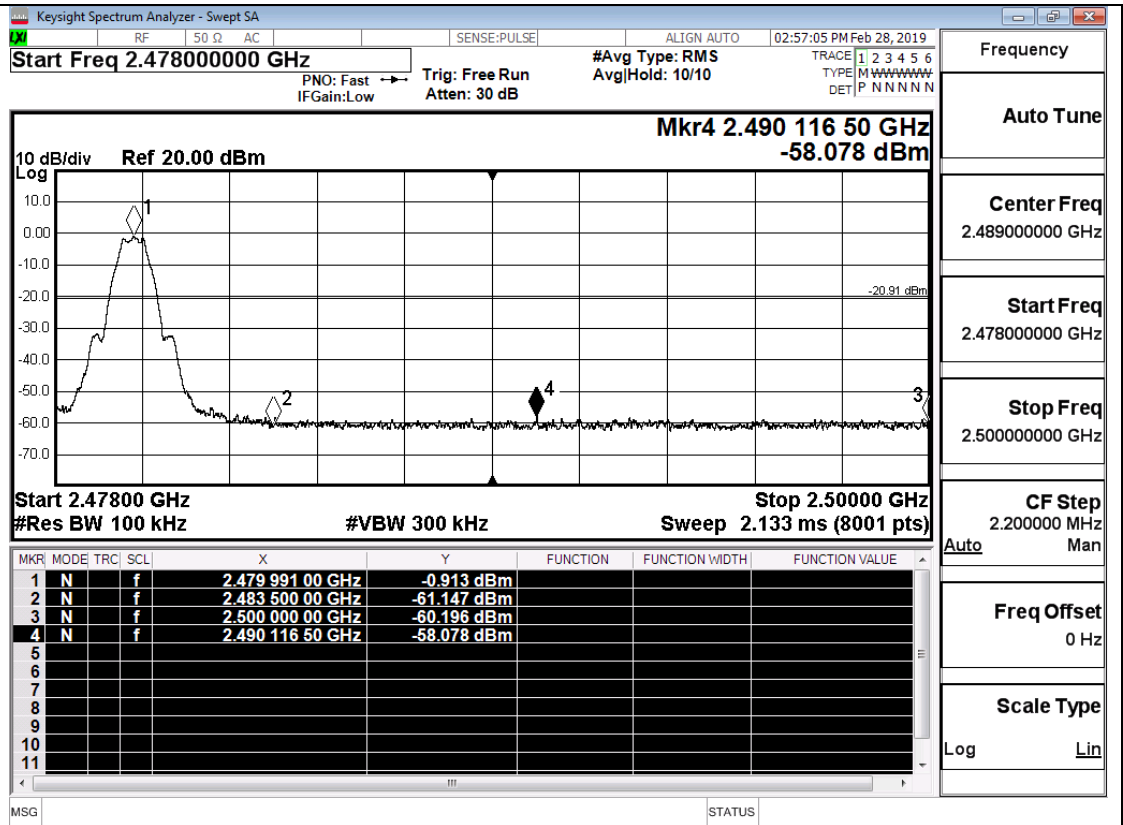


B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
LE	LCH	-2.657	-55.106	-22.657	PASS
LE	HCH	-0.913	-58.078	-20.913	PASS



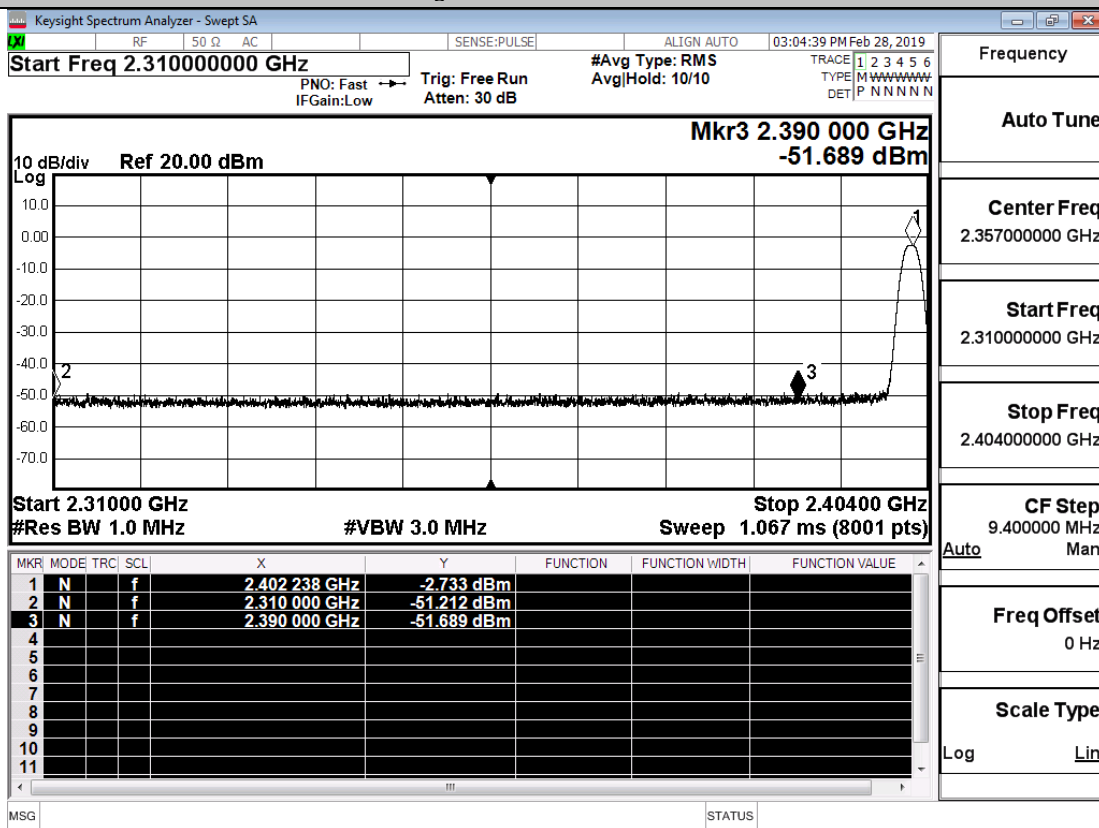
LE HCH



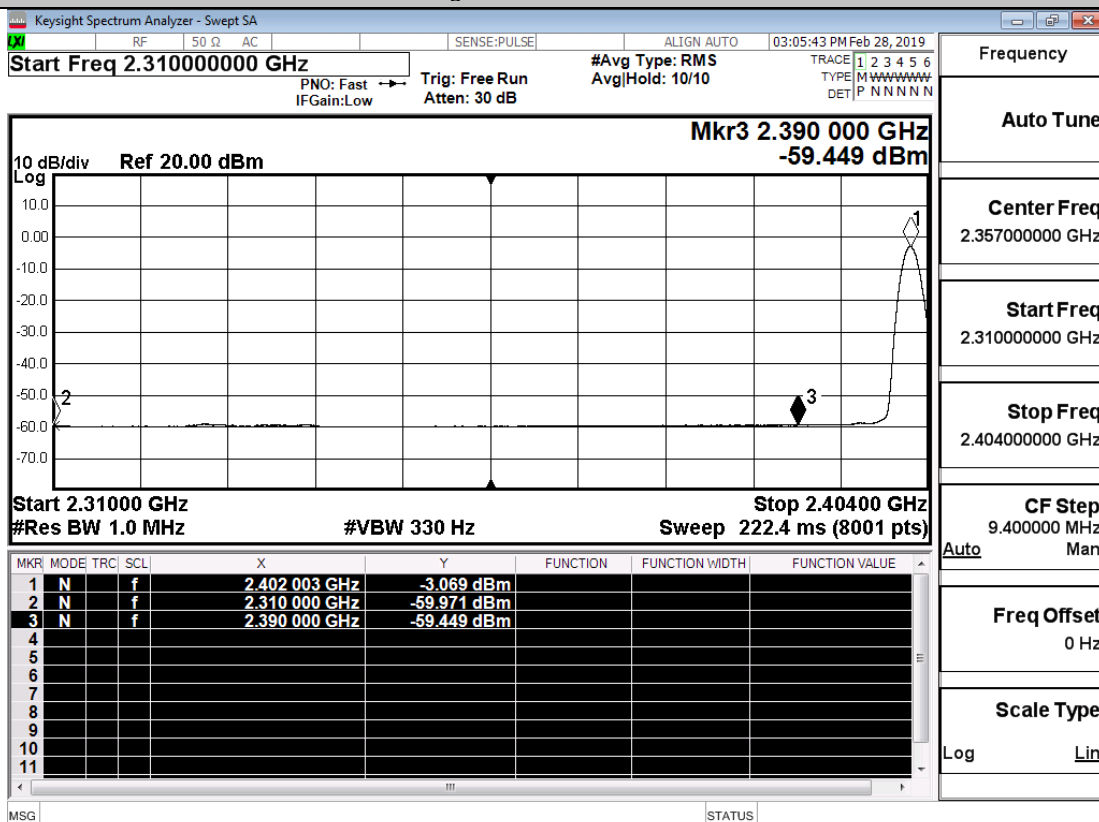
B.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
LE	2402	Ant1	2310.0	-51.212	2.000	0	46.02	PEAK	74	PASS
		Ant1	2310.0	-59.971	2.000	0	37.26	AV	54	PASS
		Ant1	2390.0	-51.689	2.000	0	45.54	PEAK	74	PASS
		Ant1	2390.0	-59.449	2.000	0	37.78	AV	54	PASS
	2480	Ant1	2483.5	-49.324	2.000	0	47.91	PEAK	74	PASS
		Ant1	2483.5	-56.514	2.000	0	40.72	AV	54	PASS
		Ant1	2500.0	-49.847	2.000	0	47.38	PEAK	74	PASS
		Ant1	2500.0	-59.103	2.000	0	38.13	AV	54	PASS

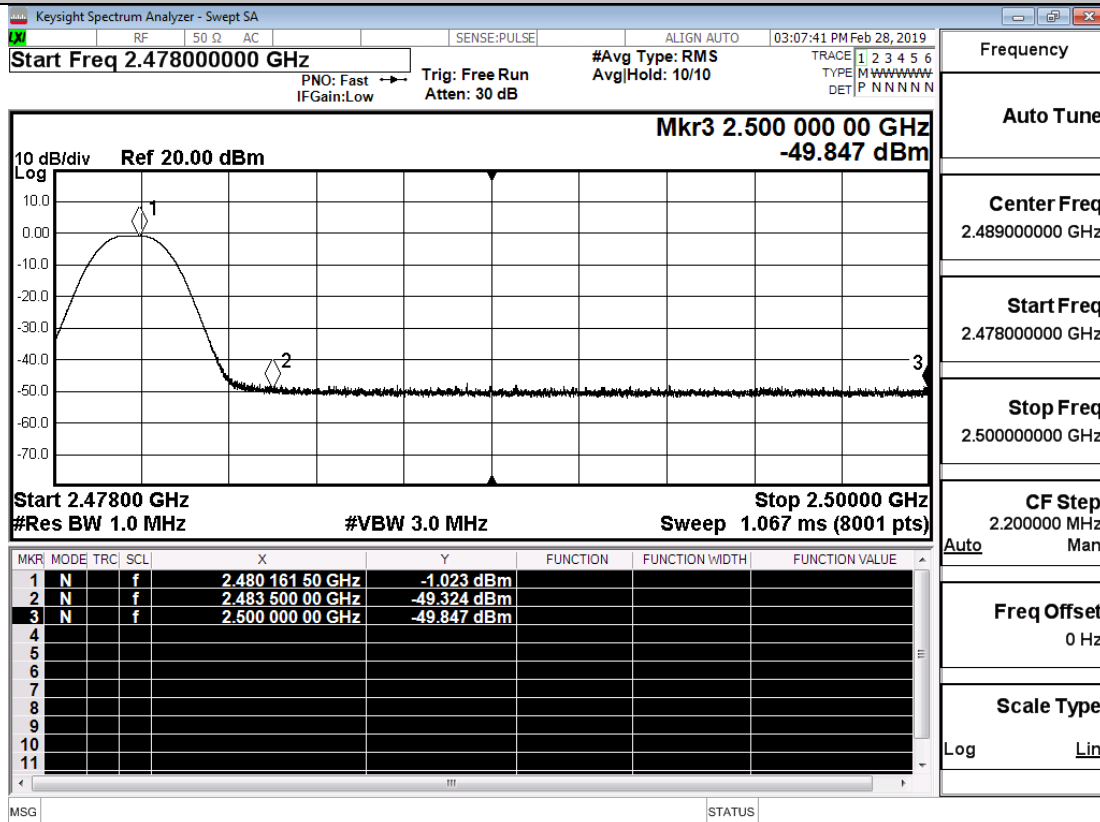
Restrict-band band-edge measurements_ LE_2402_Ant1_PEAK



Restrict-band band-edge measurements_ LE_2402_Ant1_AV



Restrict-band band-edge measurements_LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_LE_2480_Ant1_AV

