

Appendix B

RF Test Data for BT V4.0(BDR/EDR) (Conducted Measurement)

Product Name: IP PHONE

Trade Mark: 

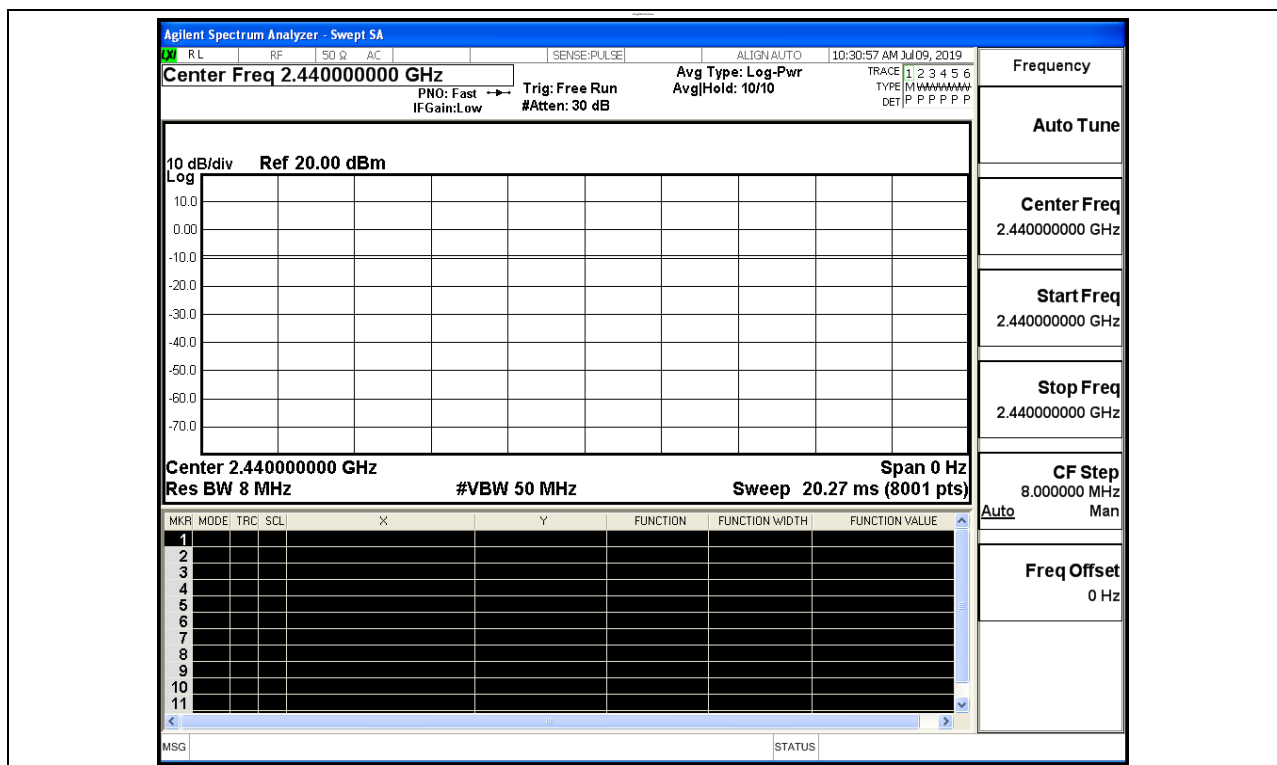
Test Model: UC507

Environmental Conditions

Temperature:	24.6 ° C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	WANGCHUANG
Supervised by:	TOM.LIU

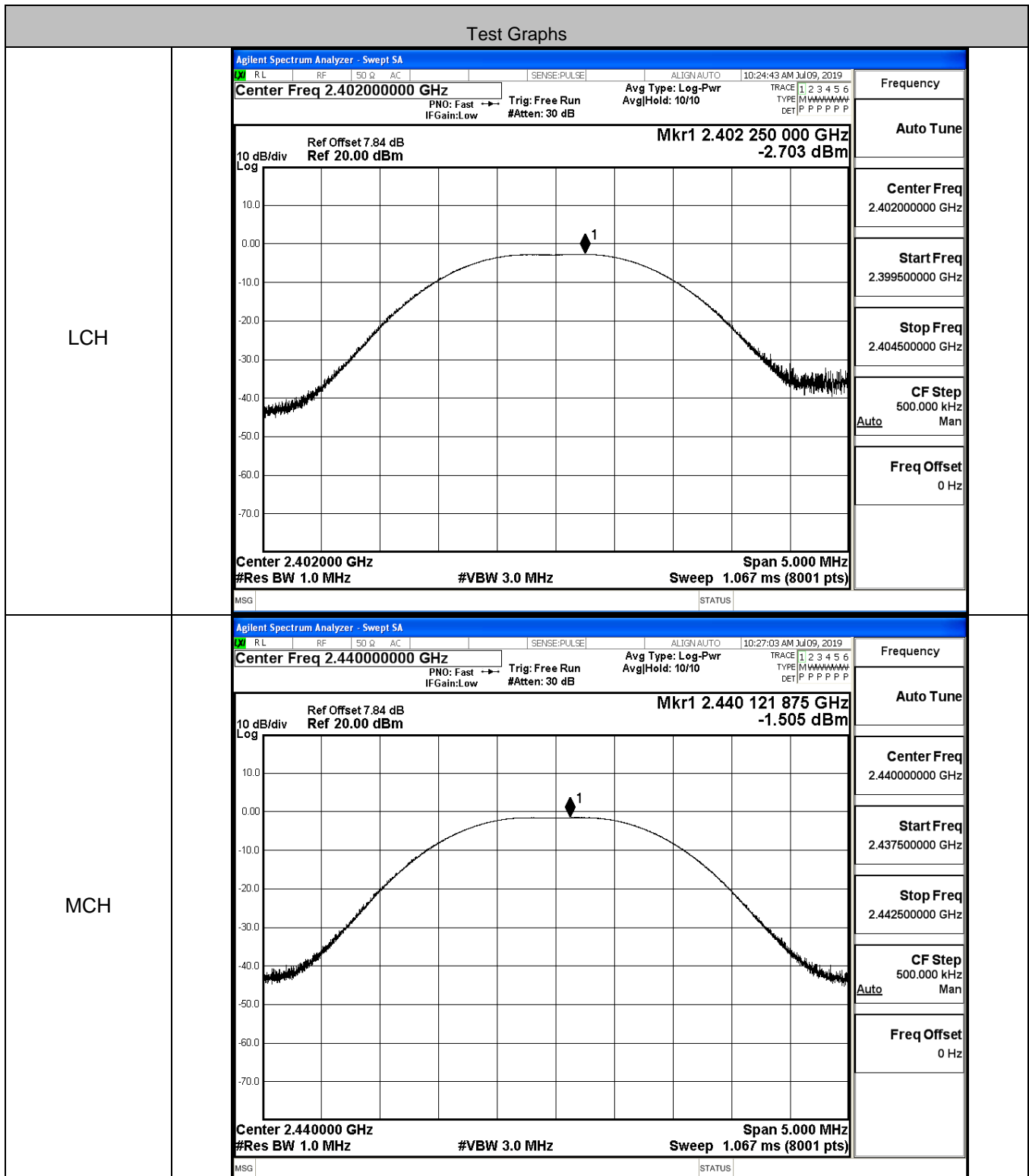
B.1 Duty Cycle

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

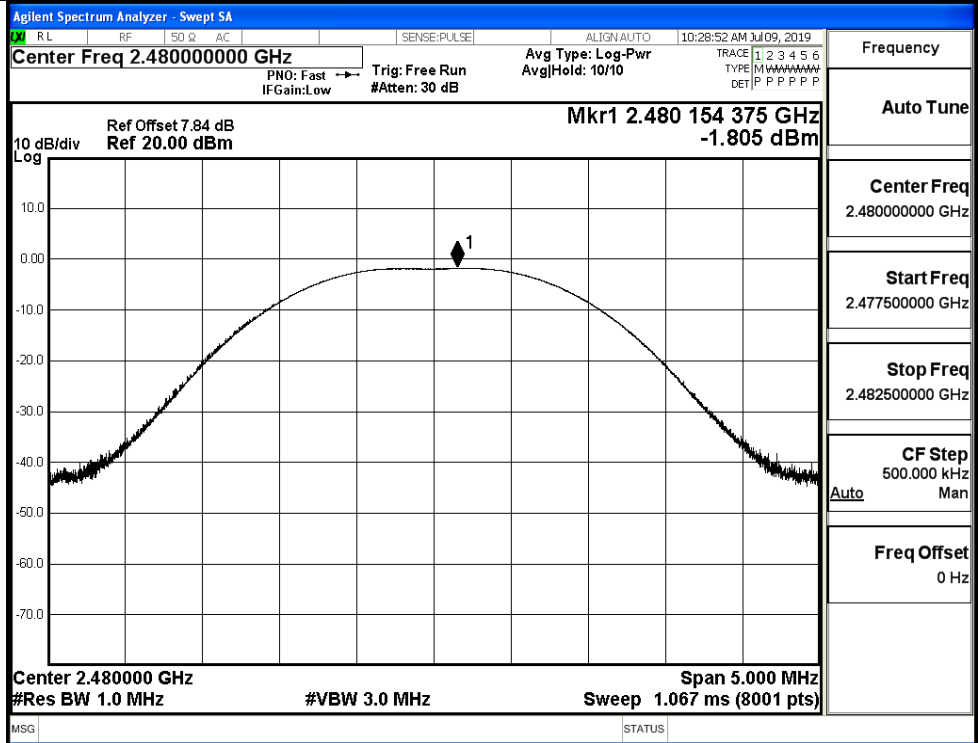


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.703	30	PASS
BT LE	MCH	-1.505	30	PASS
BT LE	HCH	-1.805	30	PASS



HCH

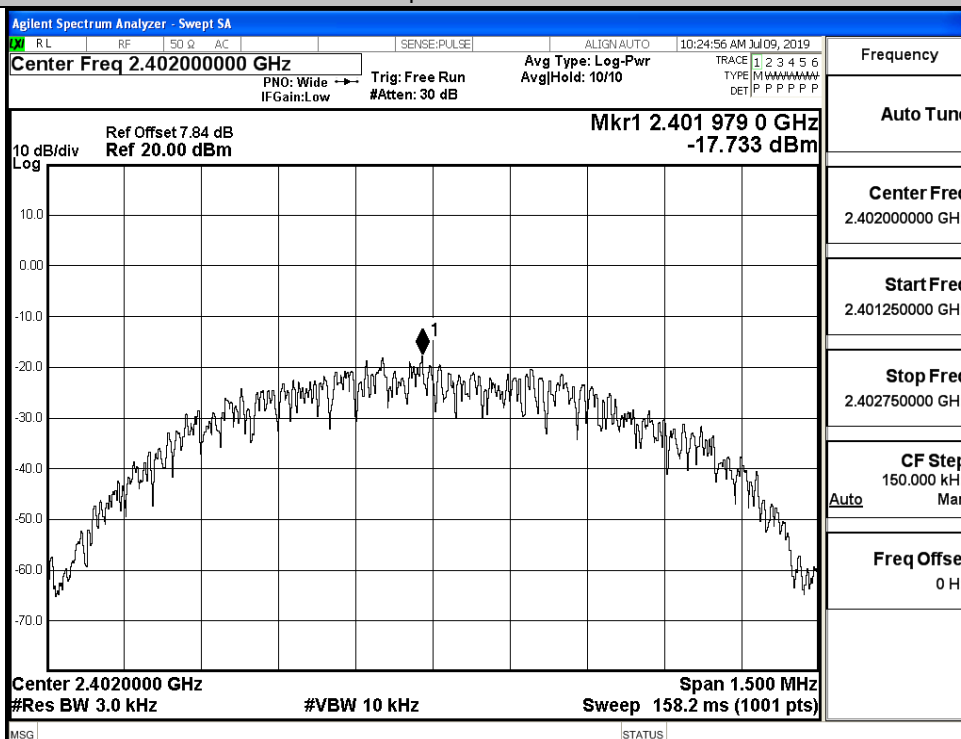


B.3 Maximum Power Spectral Density

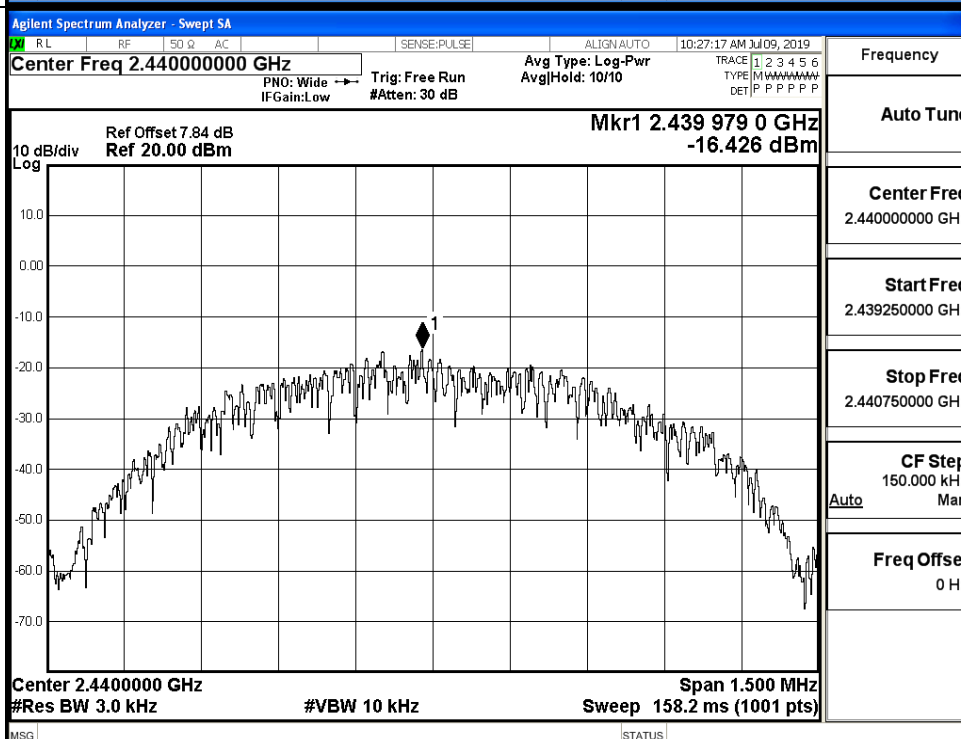
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-17.733	8	PASS
BT LE	MCH	-16.426	8	PASS
BT LE	HCH	-17.622	8	PASS

Test Graphs

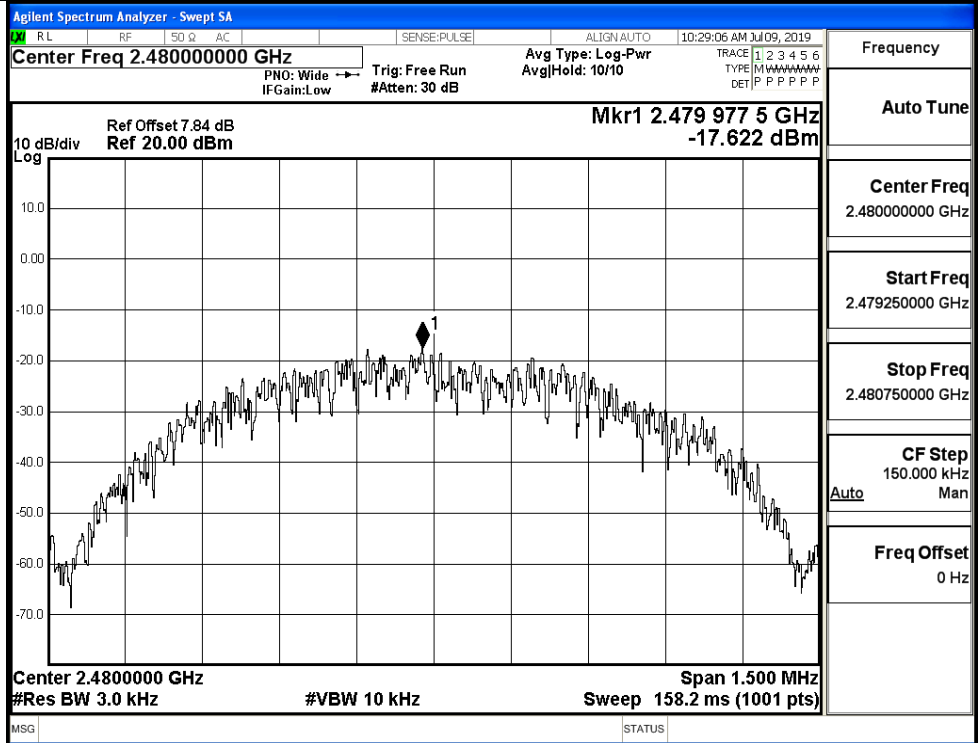
LCH



MCH



HCH

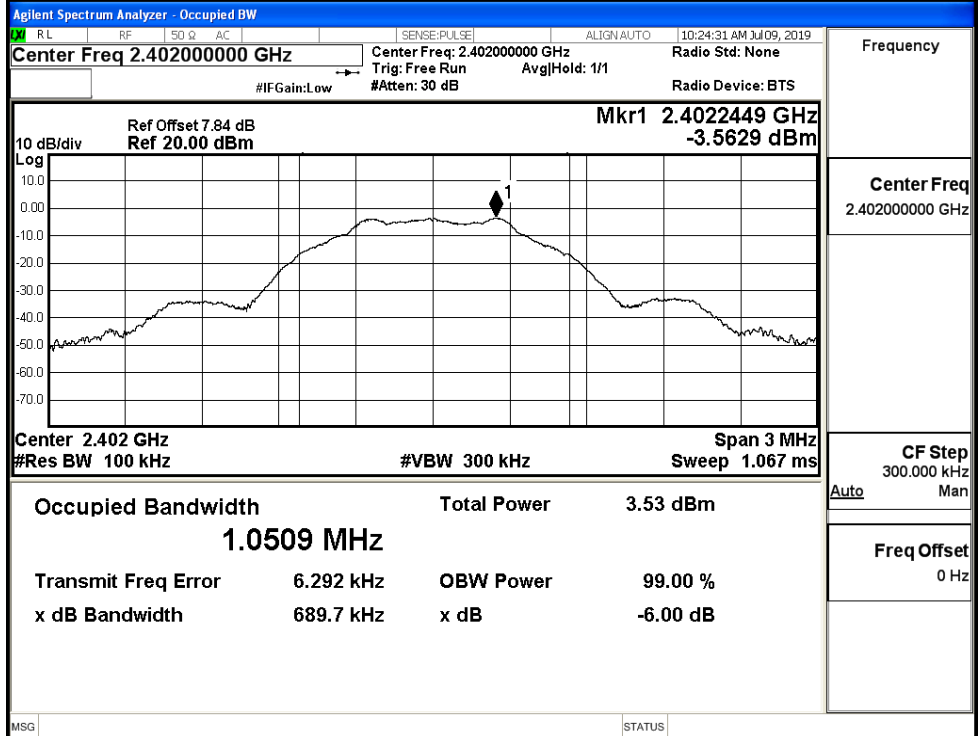


B.4 6dB Bandwidth

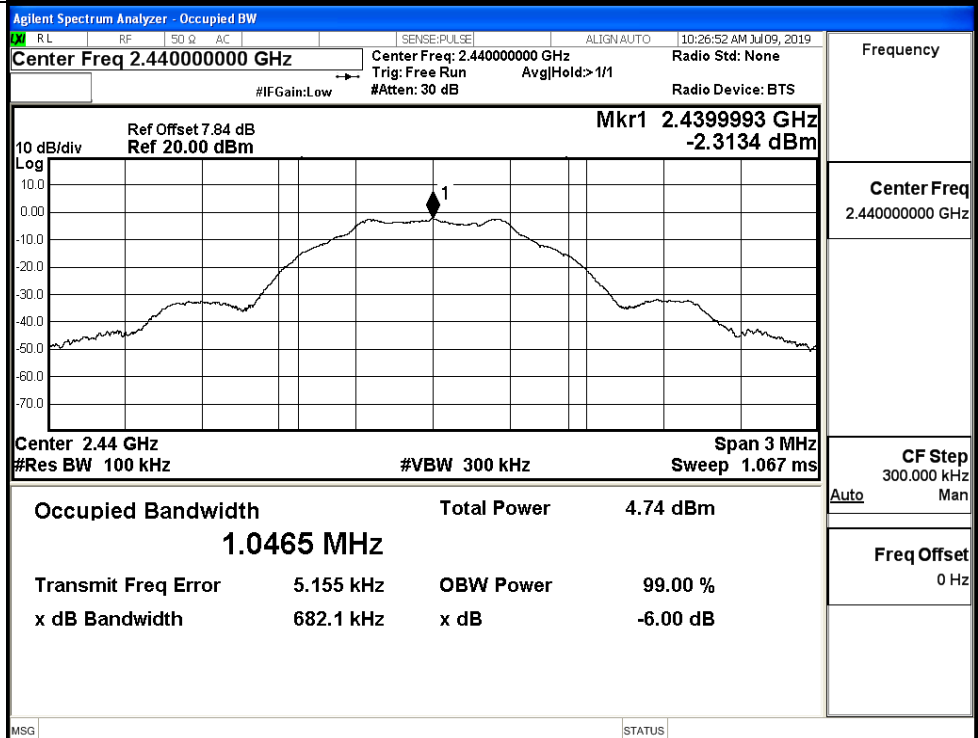
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6897	≥ 0.5	PASS
BT LE	MCH	0.6821	≥ 0.5	PASS
BT LE	HCH	0.6834	≥ 0.5	PASS

Test Graphs

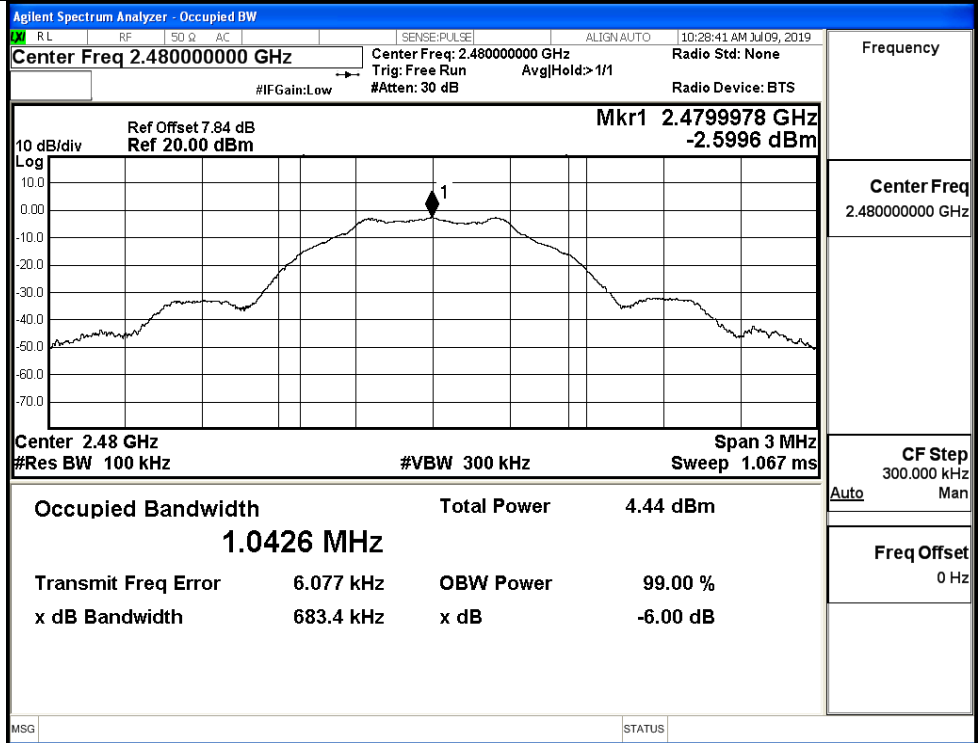
LCH



MCH

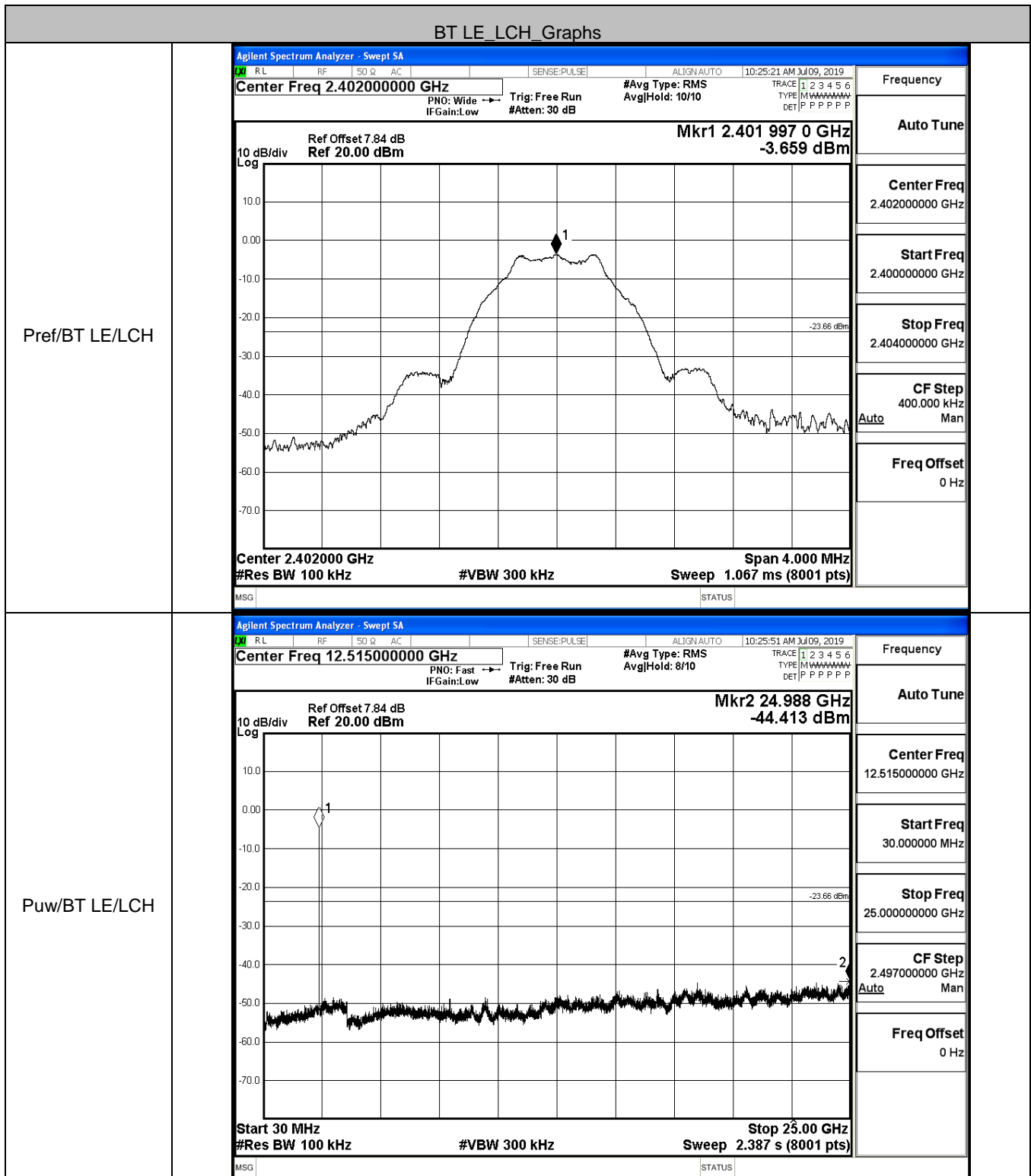


HCH



B.5 RF Conducted Spurious Emissions

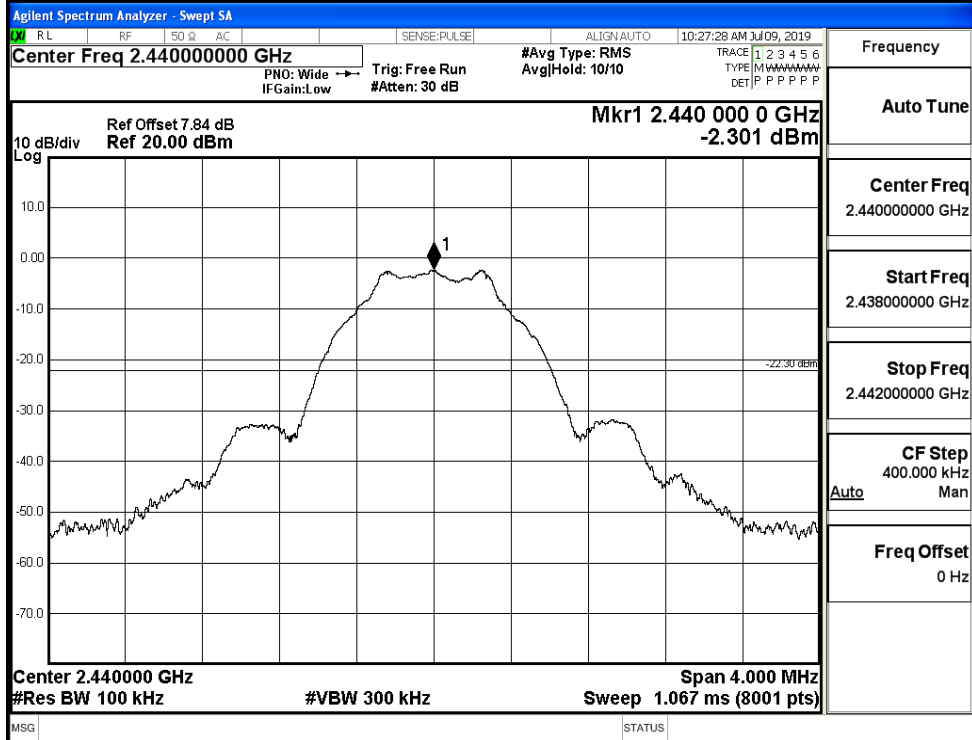
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.659	-44.413	-23.659	PASS
BT LE	MCH	-2.301	-44.929	-22.301	PASS
BT LE	HCH	-2.609	-44.122	-22.609	PASS



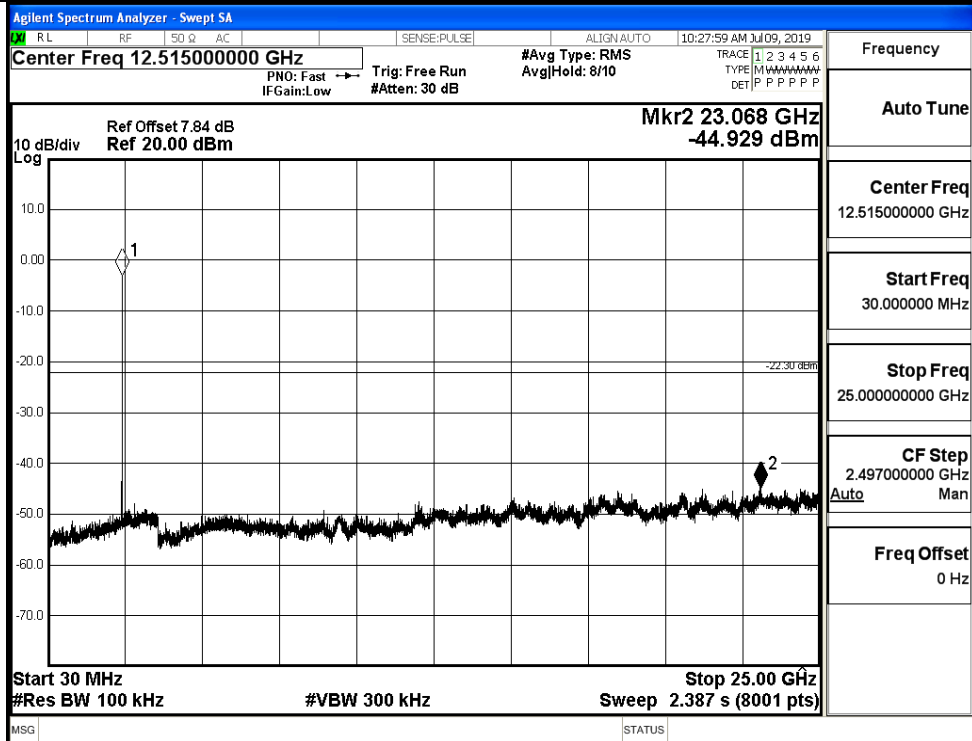
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BT LE_MCH_Graphs

Pref/BT LE/MCH

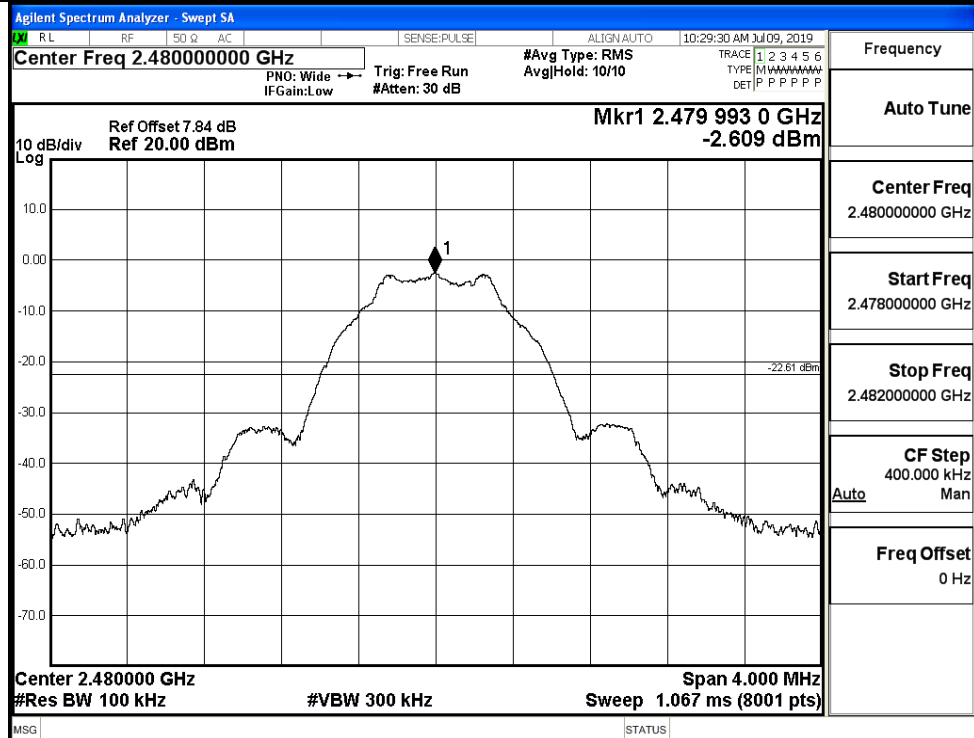


Puw/BT LE/MCH

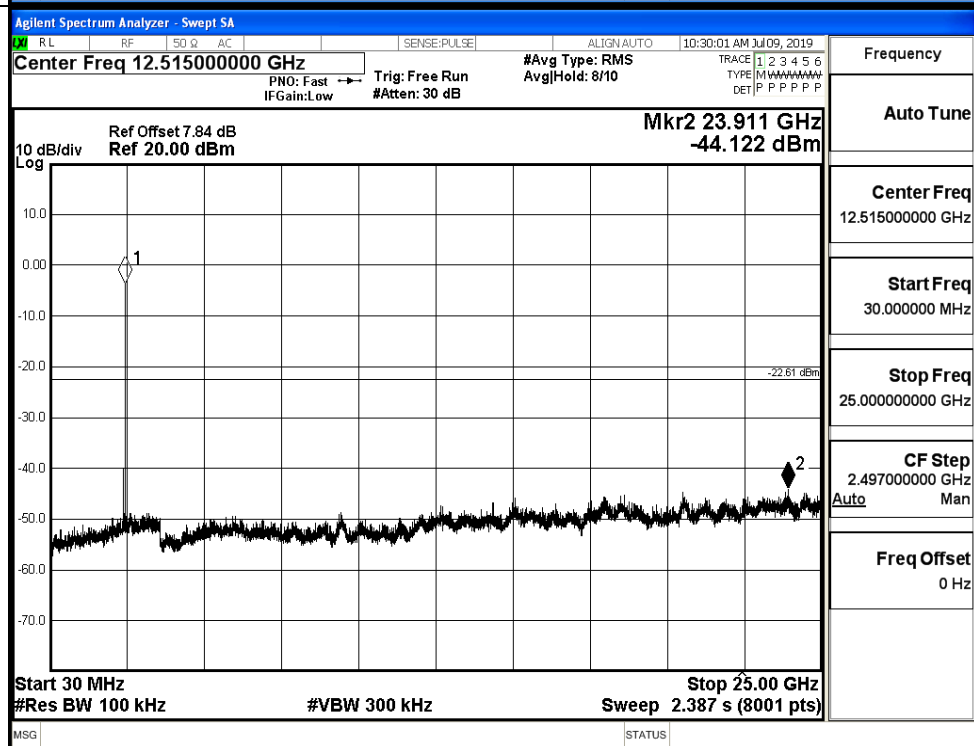


BT LE_HCH_Graphs

Pref/BT LE/HCH



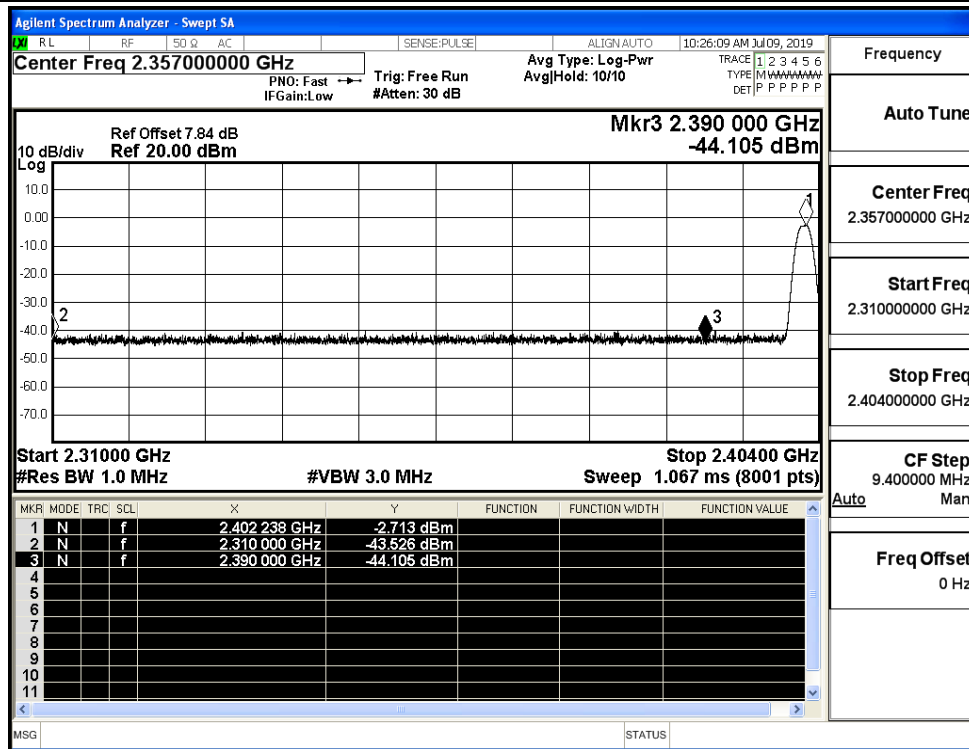
Puw/BT LE/HCH



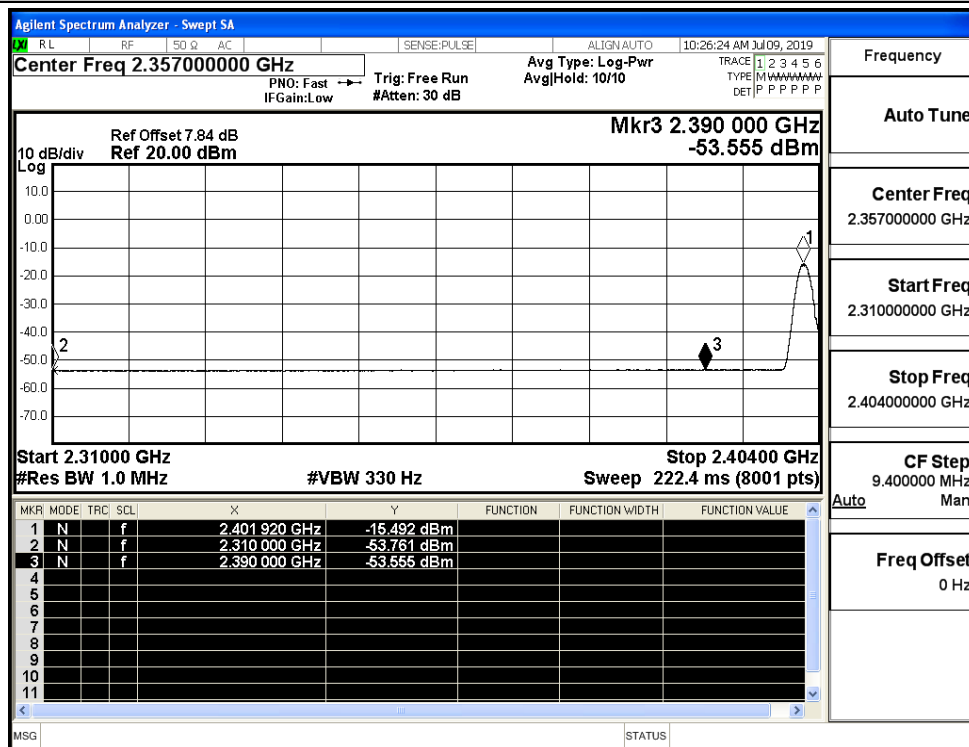
B.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
BT LE	2402	Ant1	2310.0	-43.53	3.8	0	55.53	PEAK	74	PASS
		Ant1	2310.0	-53.76	3.8	0	45.3	AV	54	PASS
		Ant1	2390.0	-44.11	3.8	0	54.95	PEAK	74	PASS
		Ant1	2390.0	-53.56	3.8	0	45.5	AV	54	PASS
	2480	Ant1	2483.5	-43.72	3.8	0	55.34	PEAK	74	PASS
		Ant1	2483.5	-53.28	3.8	0	45.78	AV	54	PASS
		Ant1	2500.0	-44.23	3.8	0	54.83	PEAK	74	PASS
		Ant1	2500.0	-53.11	3.8	0	45.95	AV	54	PASS

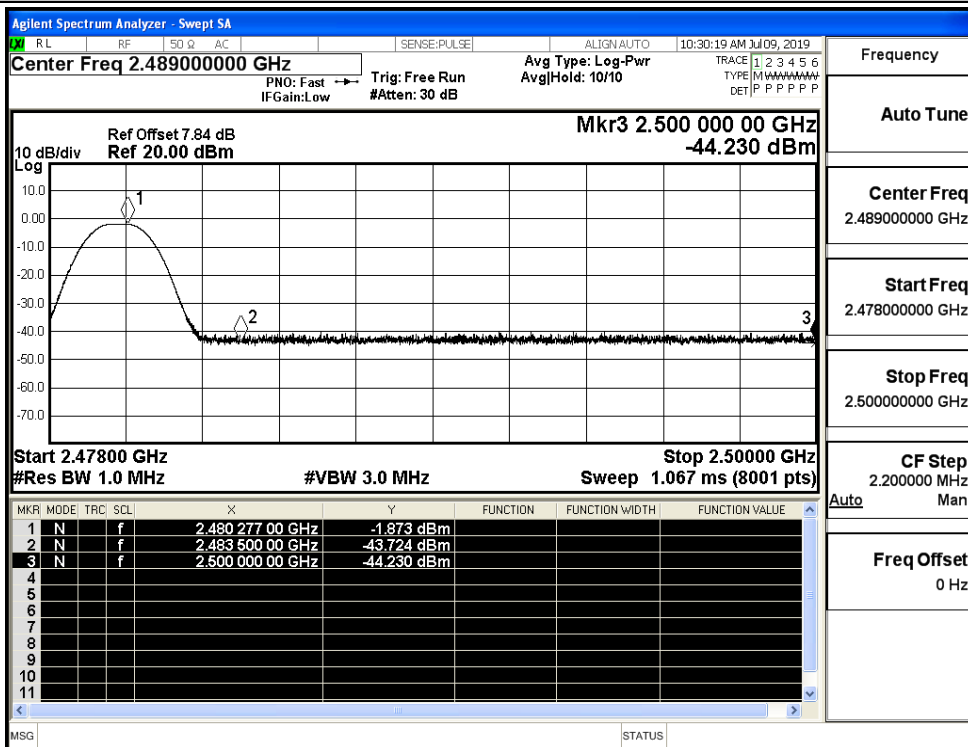
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

