

Appendix B

RF Test Data for BT V4.0(LE) (Conducted Measurement)

Product Name: Tablet PC

Trade Mark: FUSION5

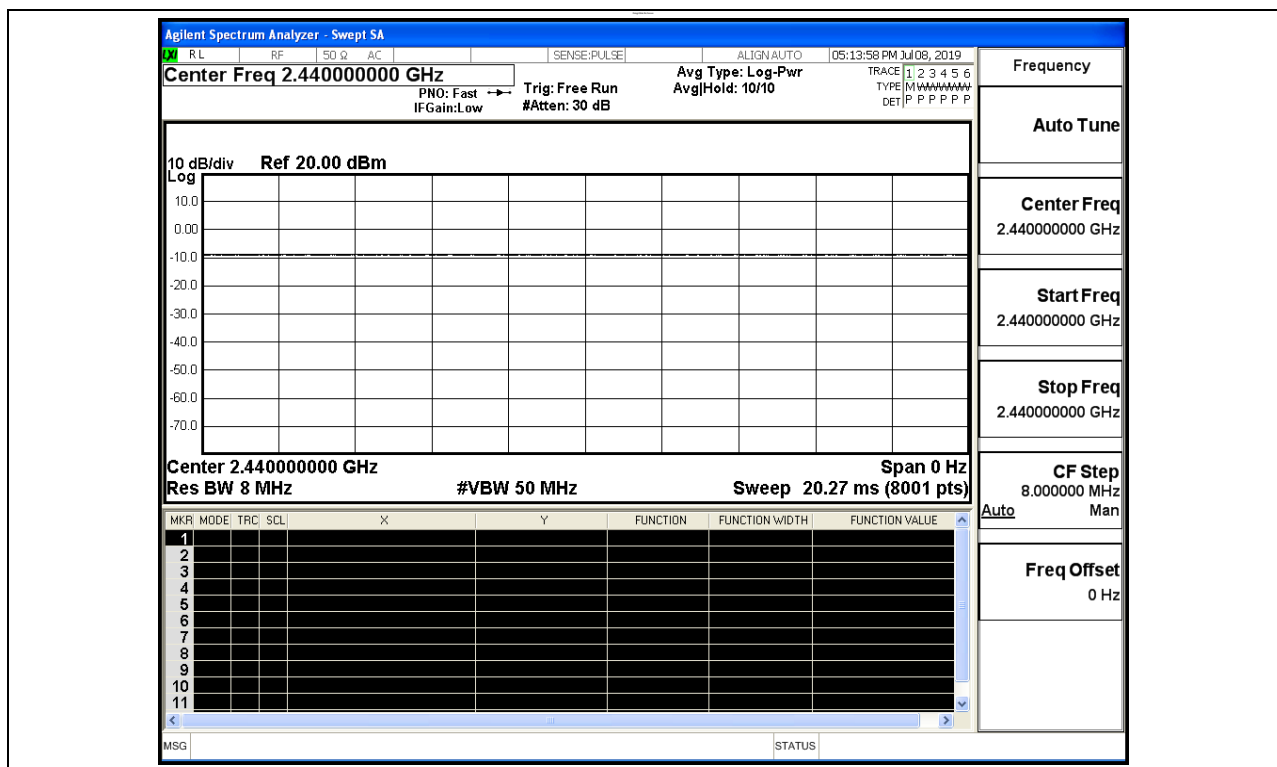
Test Model: FWIN232 Pro

Environmental Conditions

Temperature:	24.1°C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Wang.Chuang

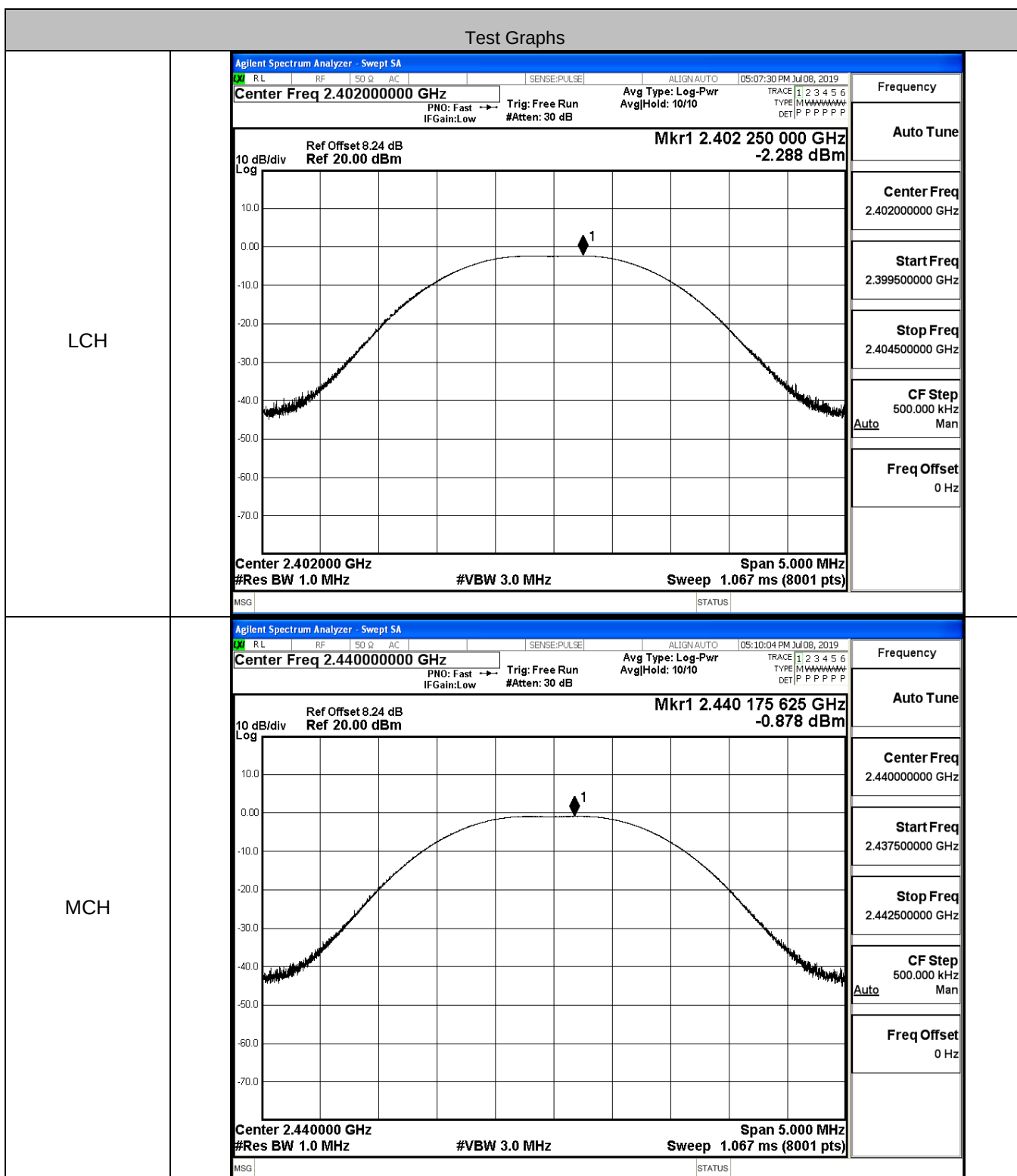
B.1 Duty Cycle

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

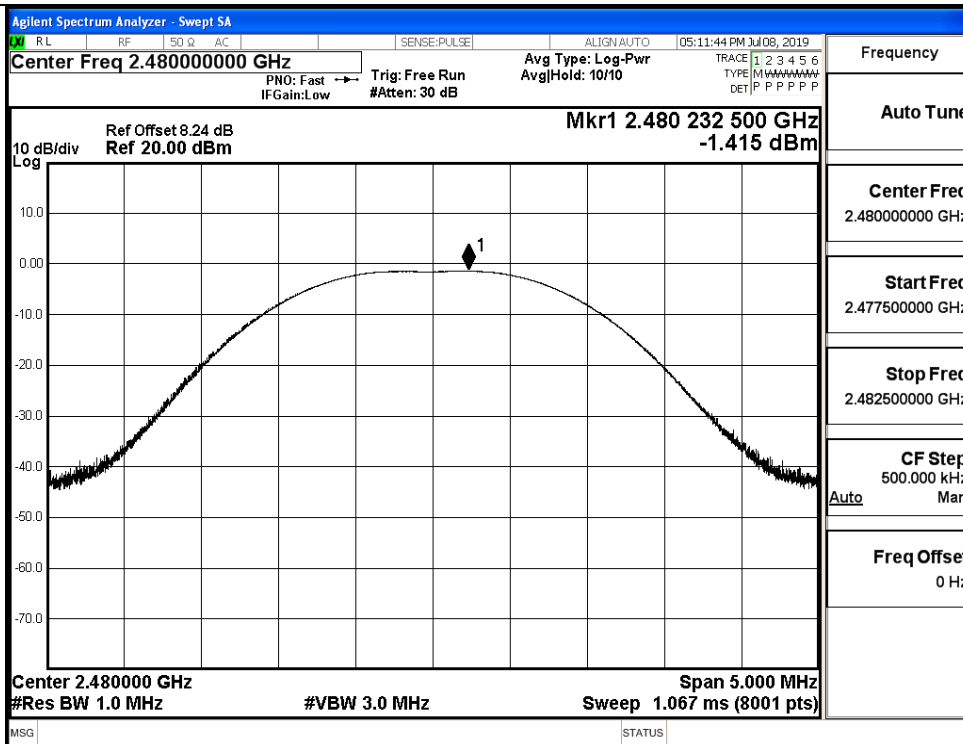


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.288	30	PASS
BT LE	MCH	-0.878	30	PASS
BT LE	HCH	-1.415	30	PASS

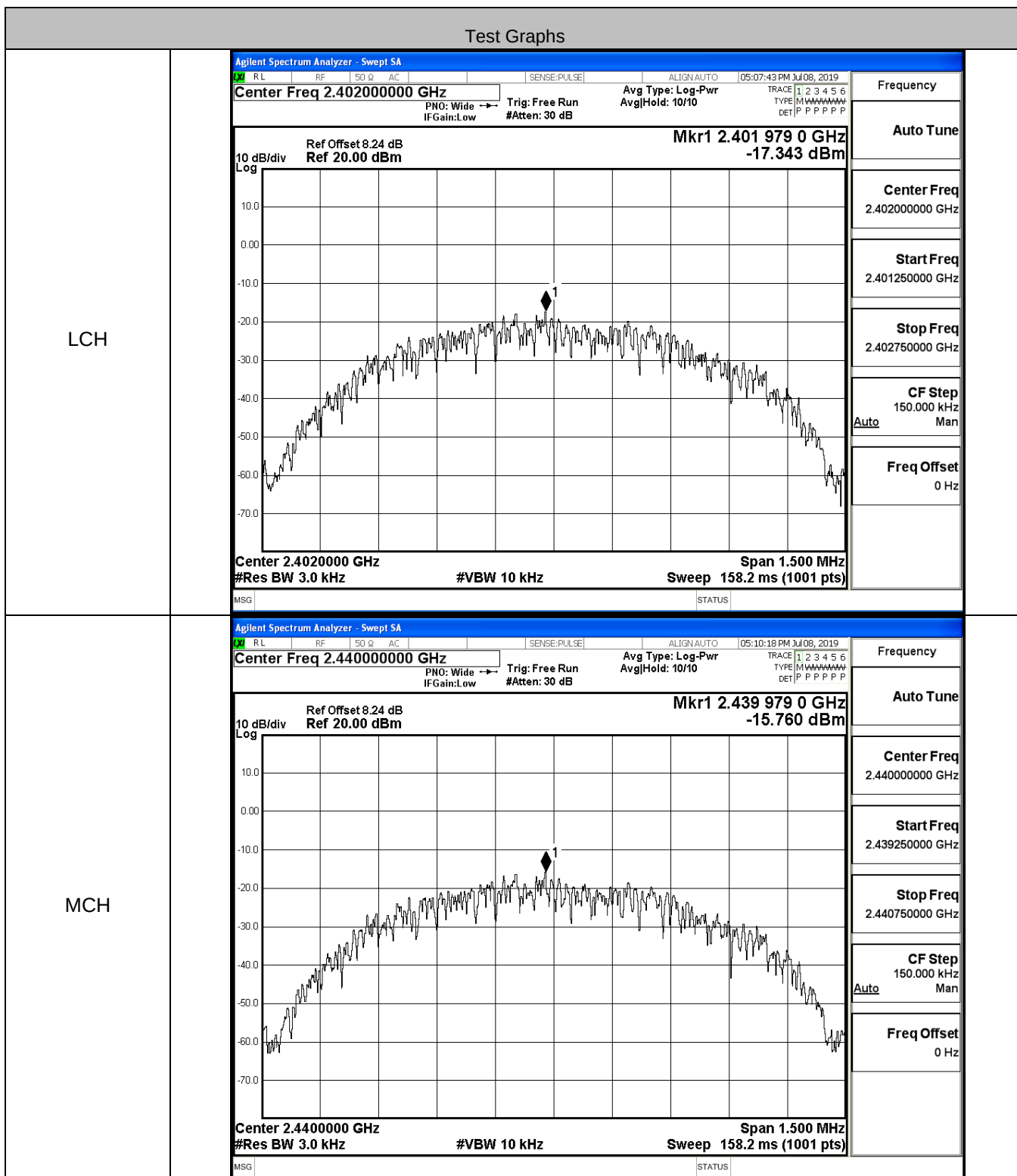


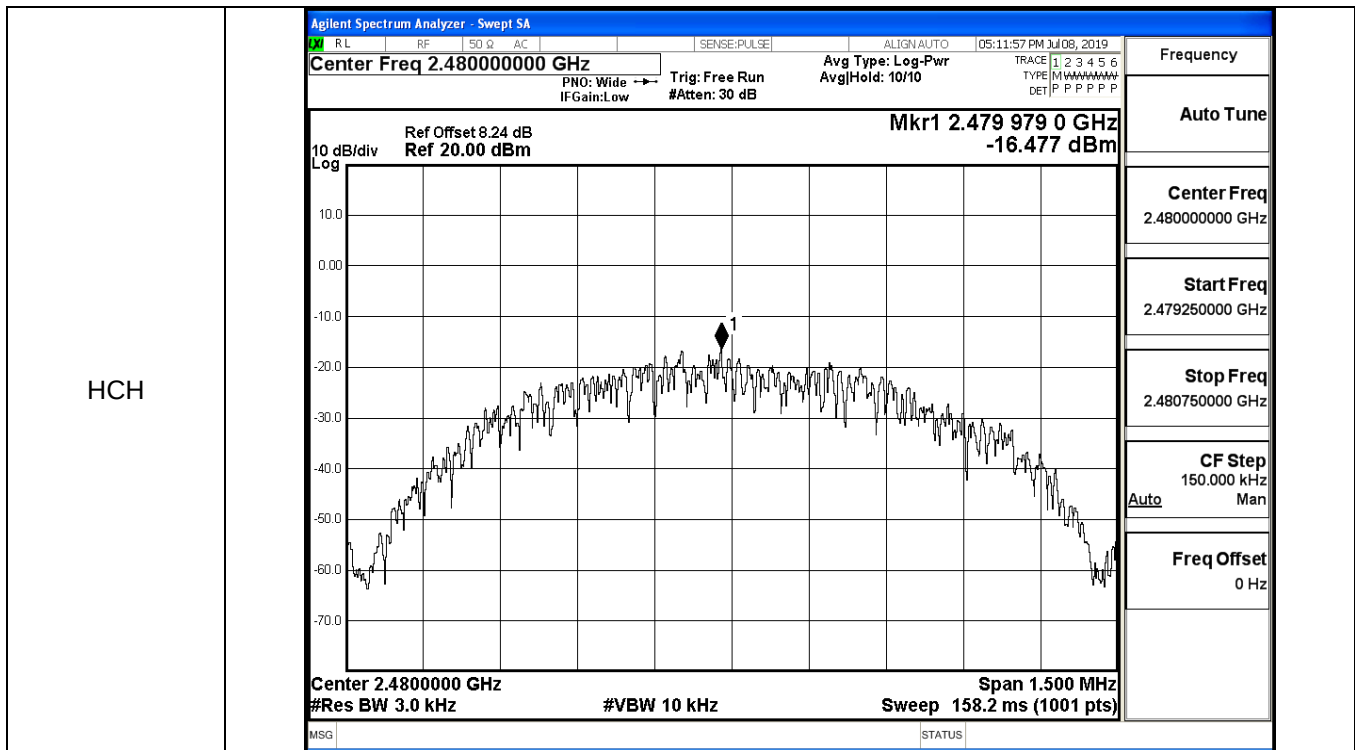
HCH



B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-17.343	8	PASS
BT LE	MCH	-15.760	8	PASS
BT LE	HCH	-16.477	8	PASS



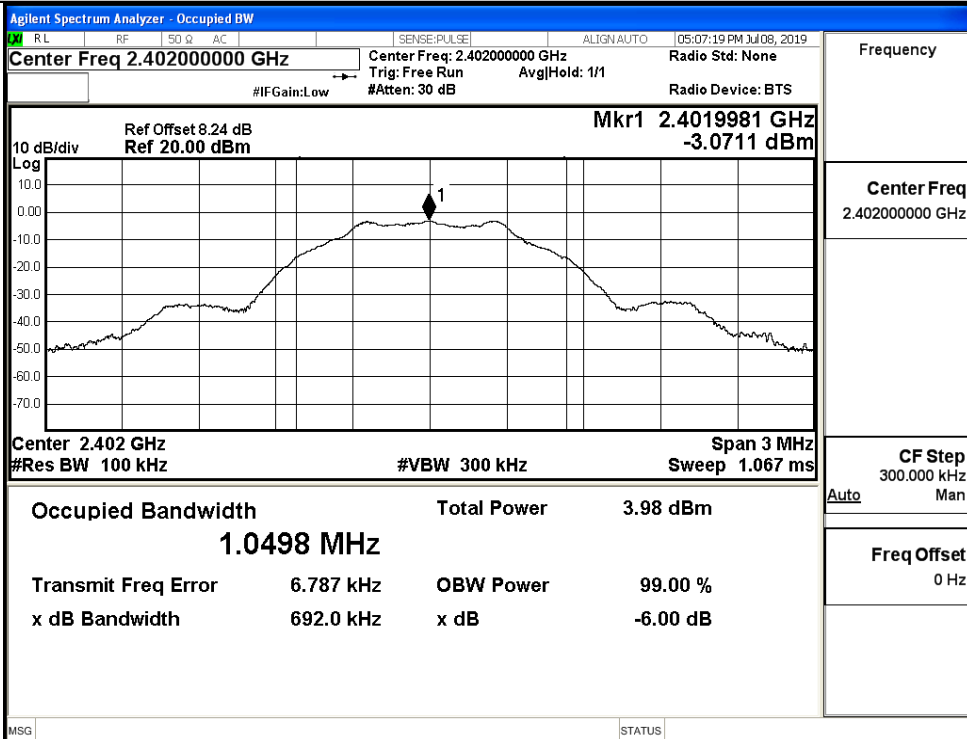


B.4 6dB Bandwidth

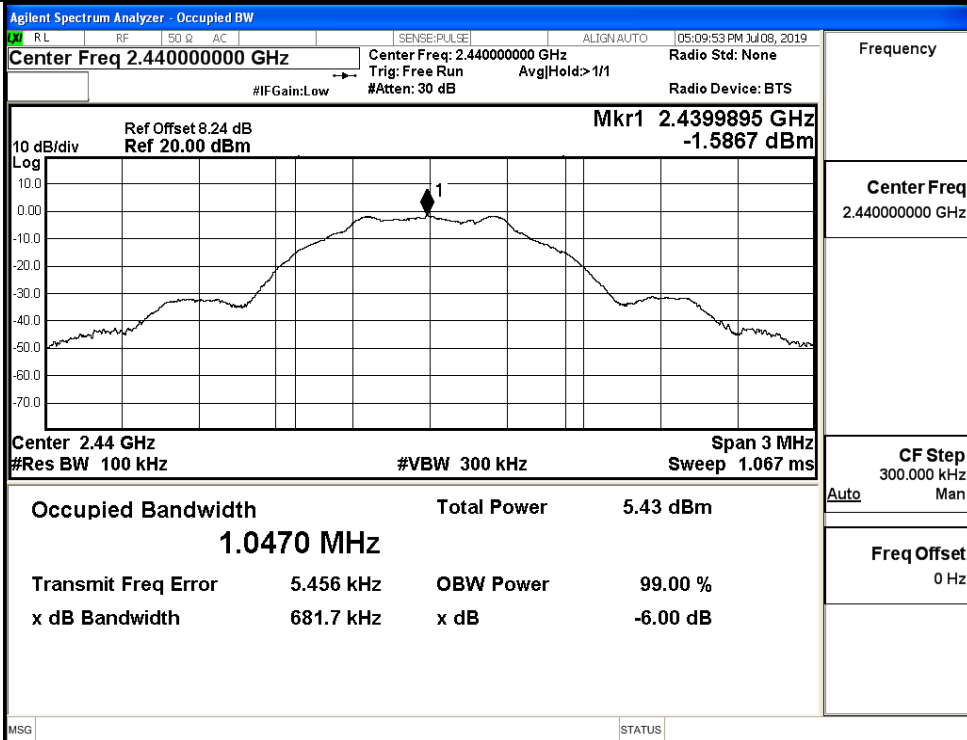
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6920	≥ 0.5	PASS
BT LE	MCH	0.6817	≥ 0.5	PASS
BT LE	HCH	0.6821	≥ 0.5	PASS

Test Graphs

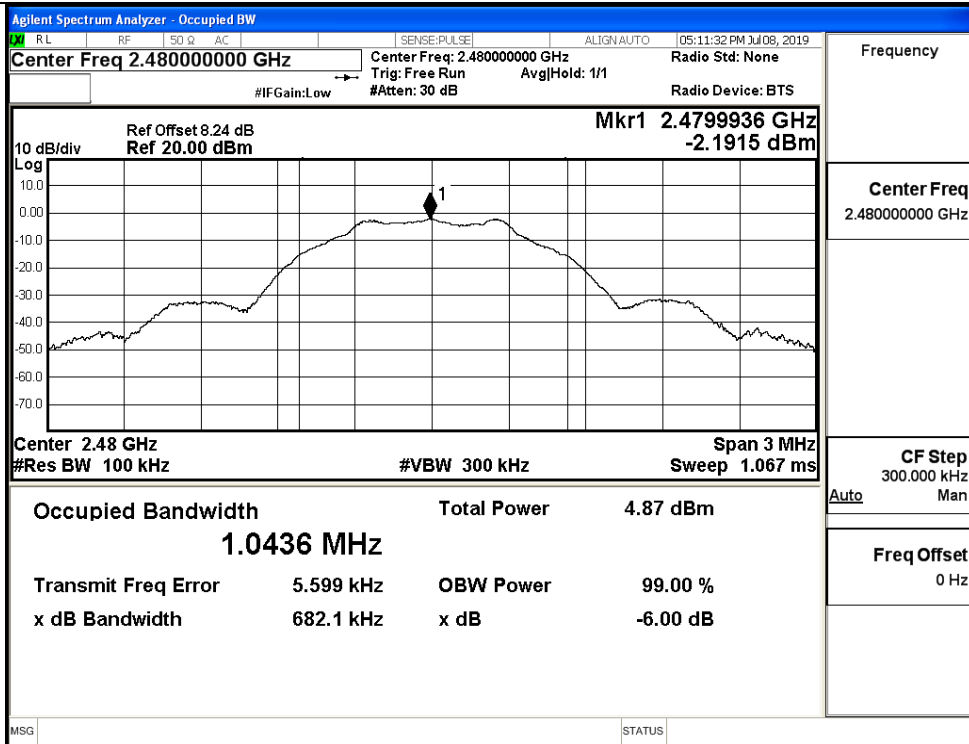
LCH



MCH



HCH

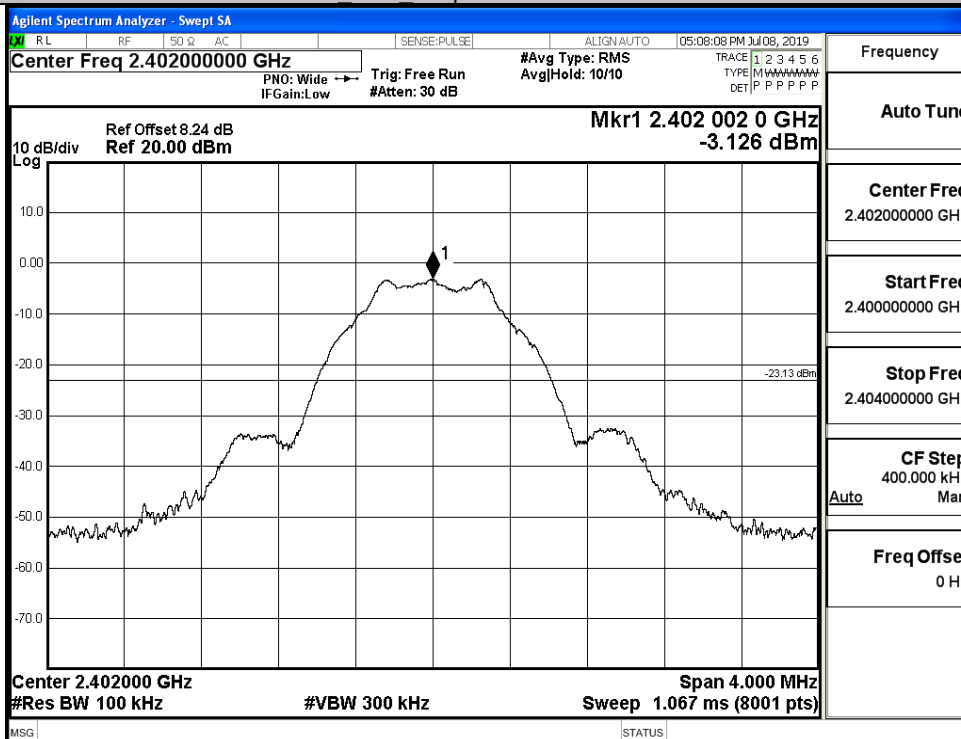


B.5 RF Conducted Spurious Emissions

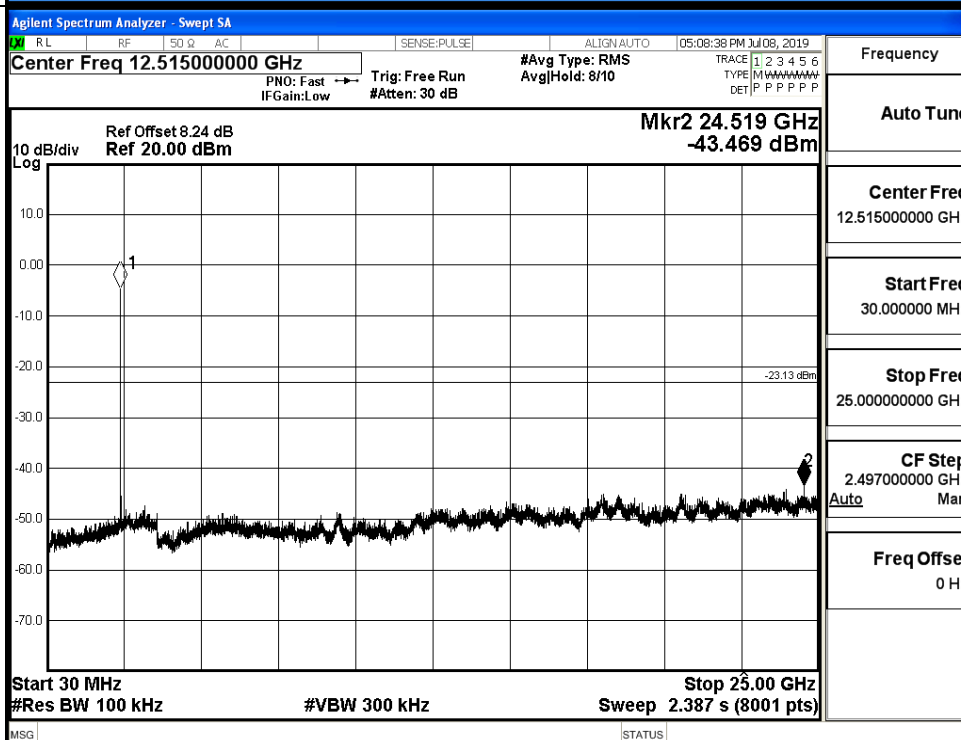
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.126	-43.469	-23.126	PASS
BT LE	MCH	-1.642	-44.117	-21.642	PASS
BT LE	HCH	-2.173	-44.570	-22.173	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

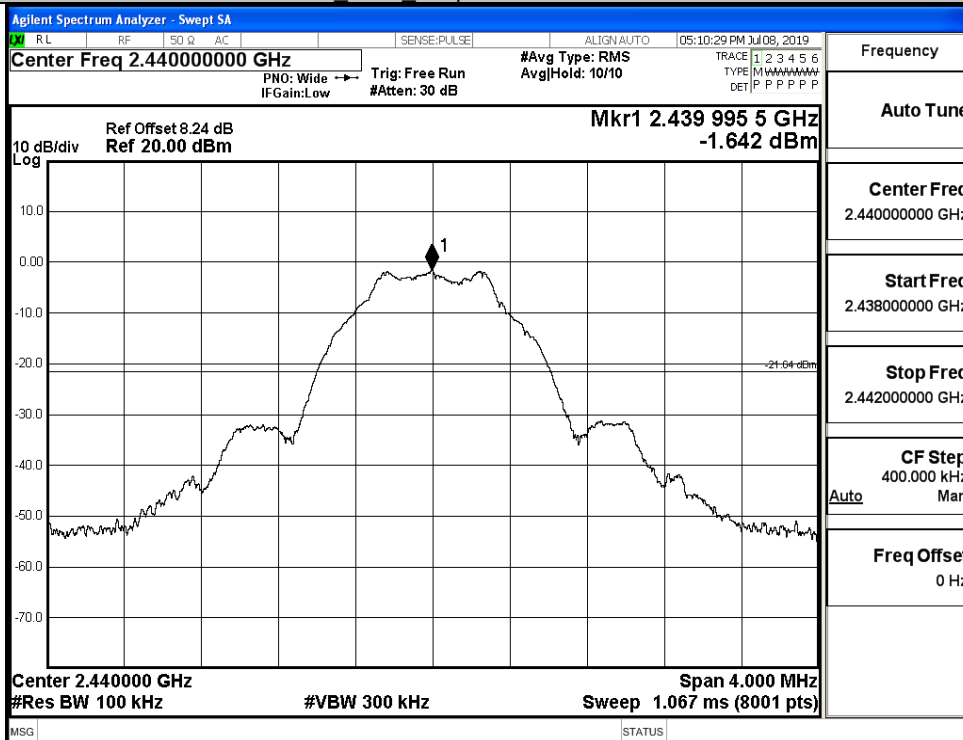


Puw/BT LE/LCH

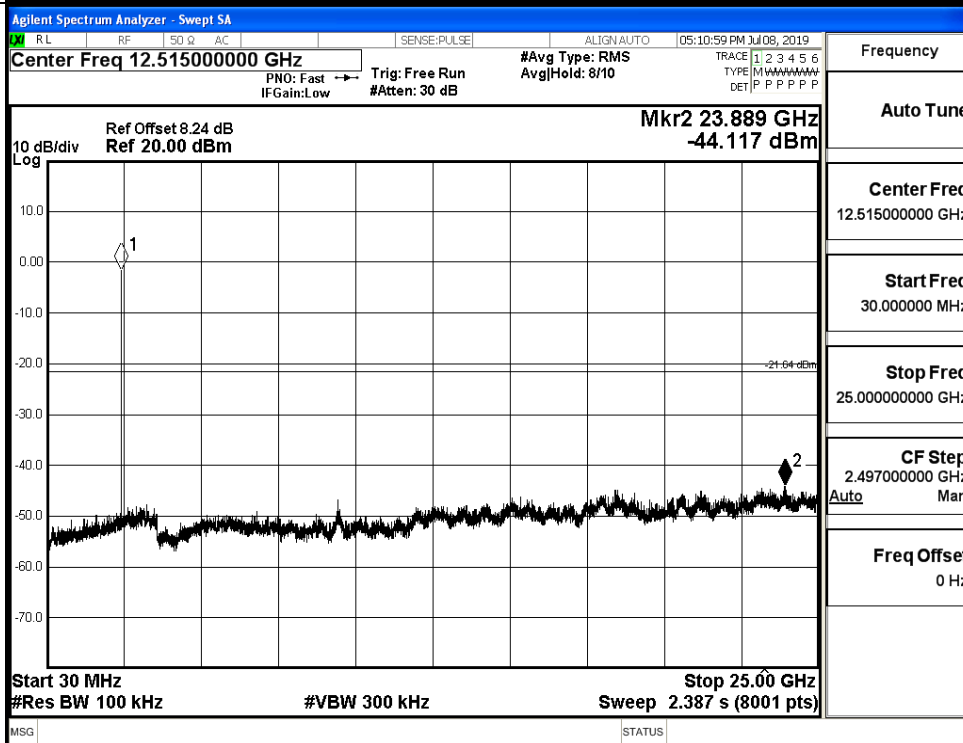


BT LE MCH Graphs

Pref/BT LE/MCH

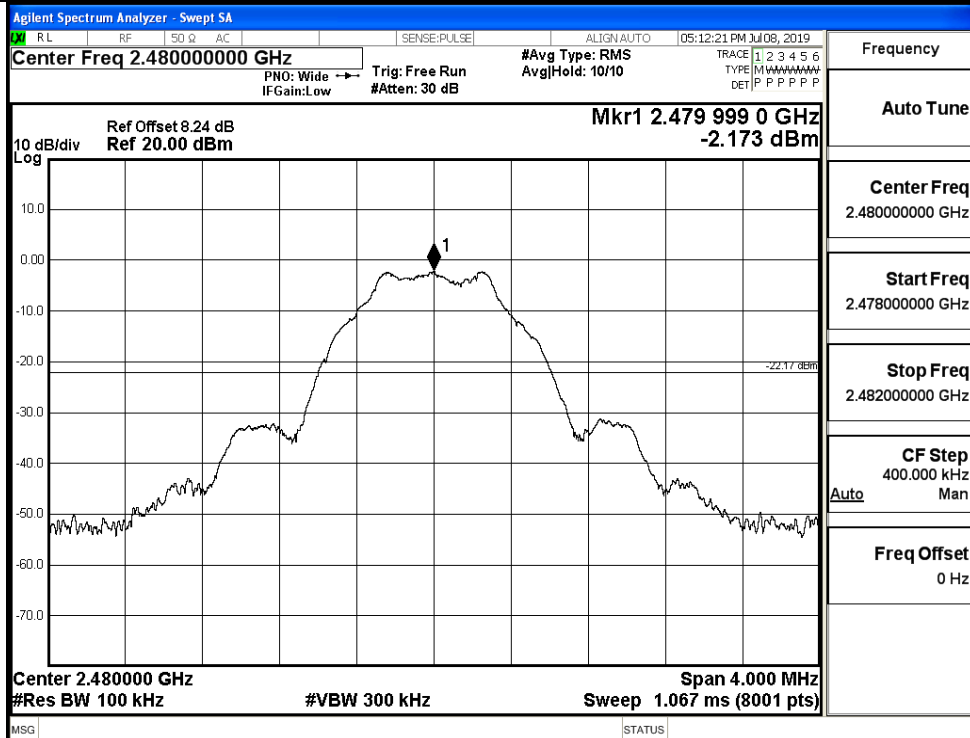


Puw/BT LE/MCH

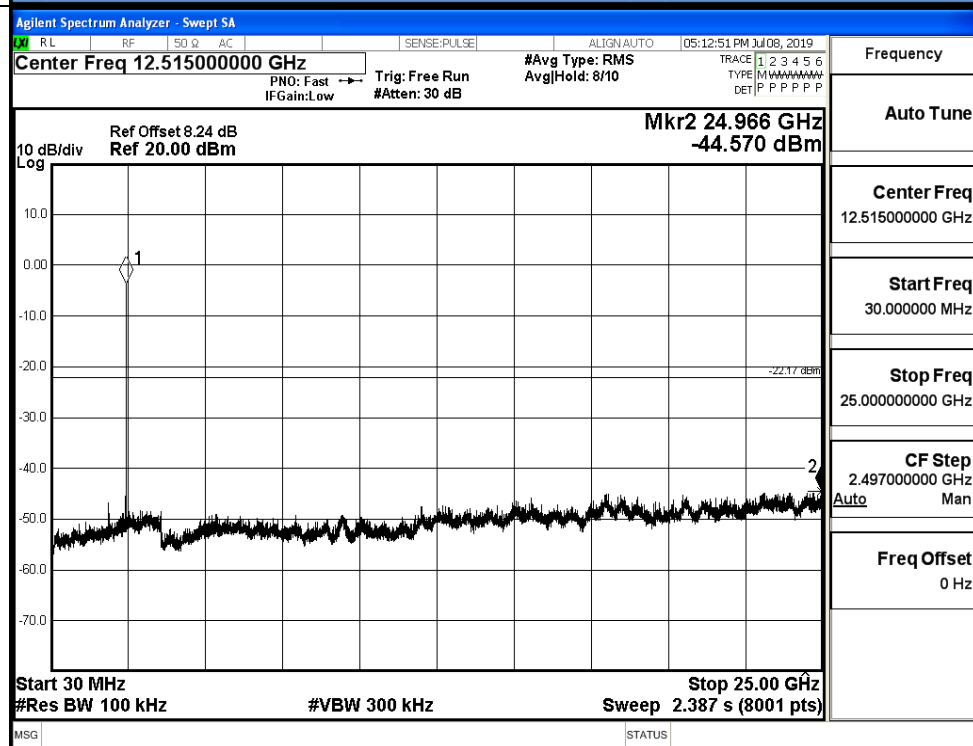


BT LE HCH Graphs

Pref/BT LE/HCH

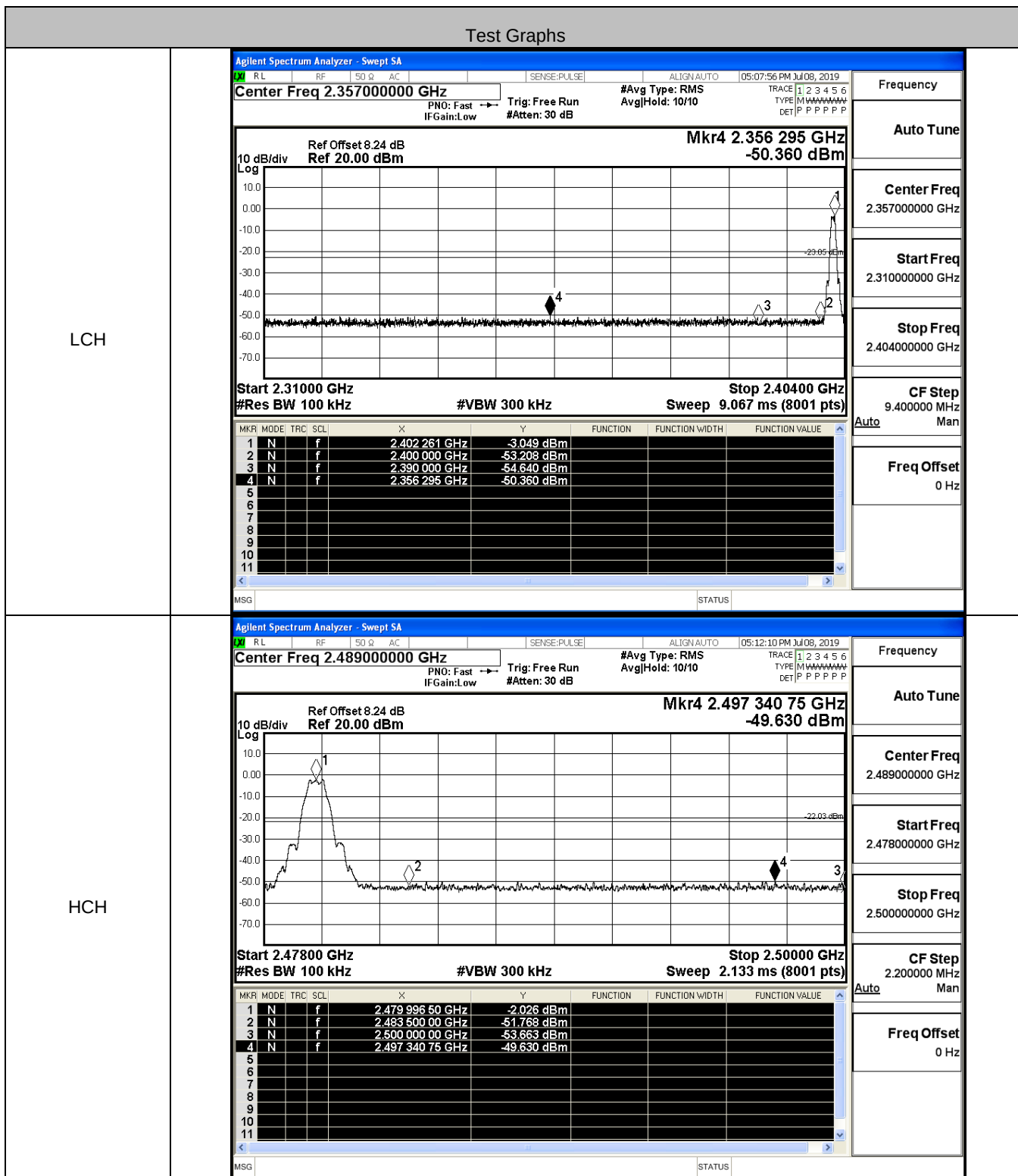


Puw/BT LE/HCH



B.6 Band-edge for RF Conducted Emissions

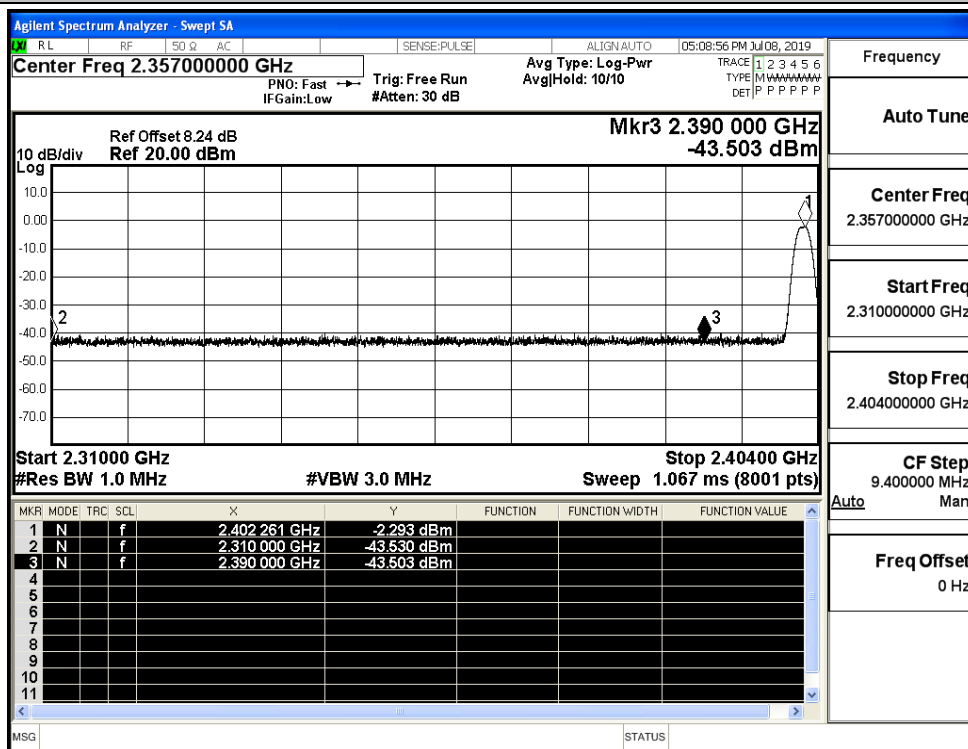
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.049	-50.360	-23.05	PASS
BT LE	HCH	-2.026	-49.630	-22.03	PASS



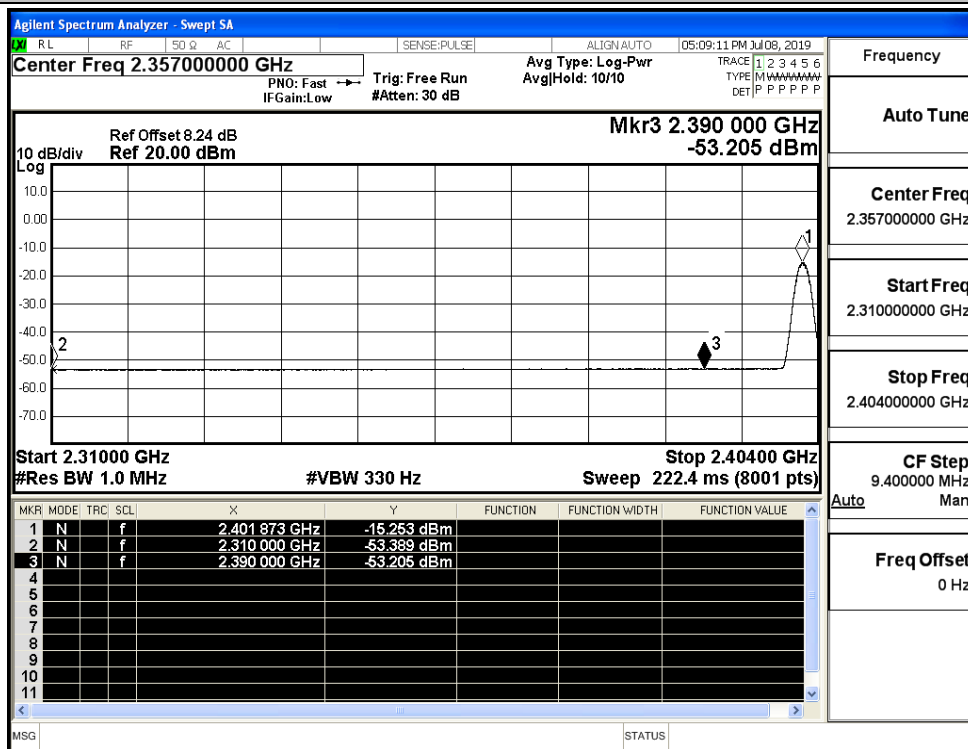
B.7 Restrict-band band-edge measurements

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	2.0	0	51.73	PEAK	74	PASS
		Ant1	2310.0	-53.39	2.0	0	41.87	AV	54	PASS
		Ant1	2390.0	-43.50	2.0	0	51.75	PEAK	74	PASS
		Ant1	2390.0	-53.21	2.0	0	42.05	AV	54	PASS
	2480	Ant1	2483.5	-43.36	2.0	0	51.90	PEAK	74	PASS
		Ant1	2483.5	-52.83	2.0	0	42.42	AV	54	PASS
		Ant1	2500.0	-42.69	2.0	0	52.57	PEAK	74	PASS
		Ant1	2500.0	-52.82	2.0	0	42.44	AV	54	PASS

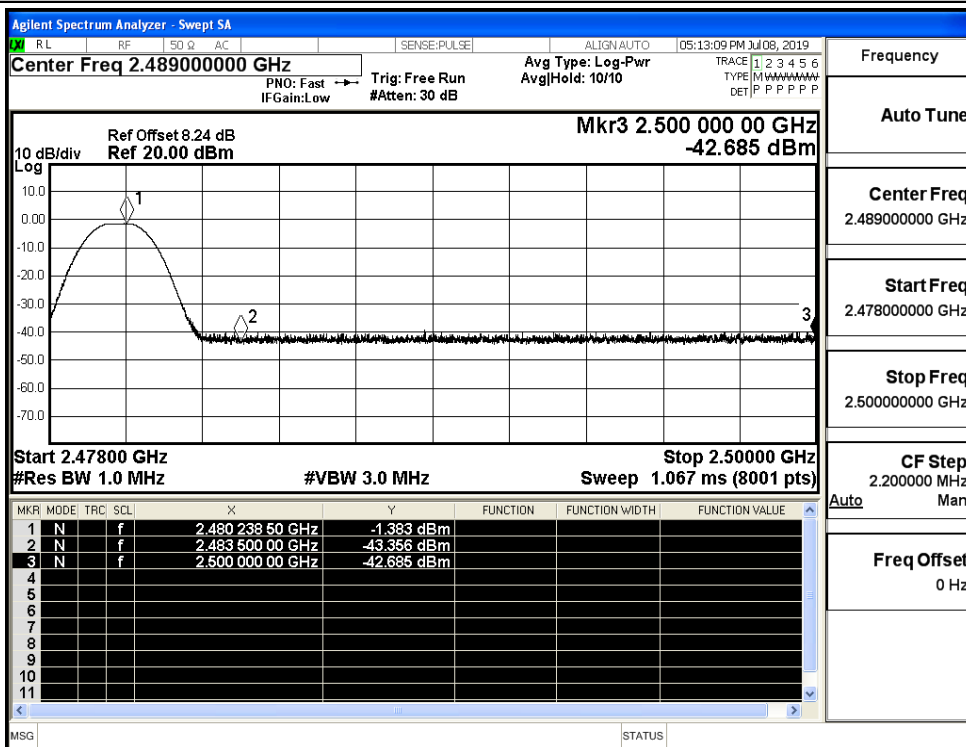
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

