

Appendix B

RF Test Data for BT V4.1(BDR/EDR) (Conducted Measurement)

Product Name: Tablet pc

Trade Mark: DayMark

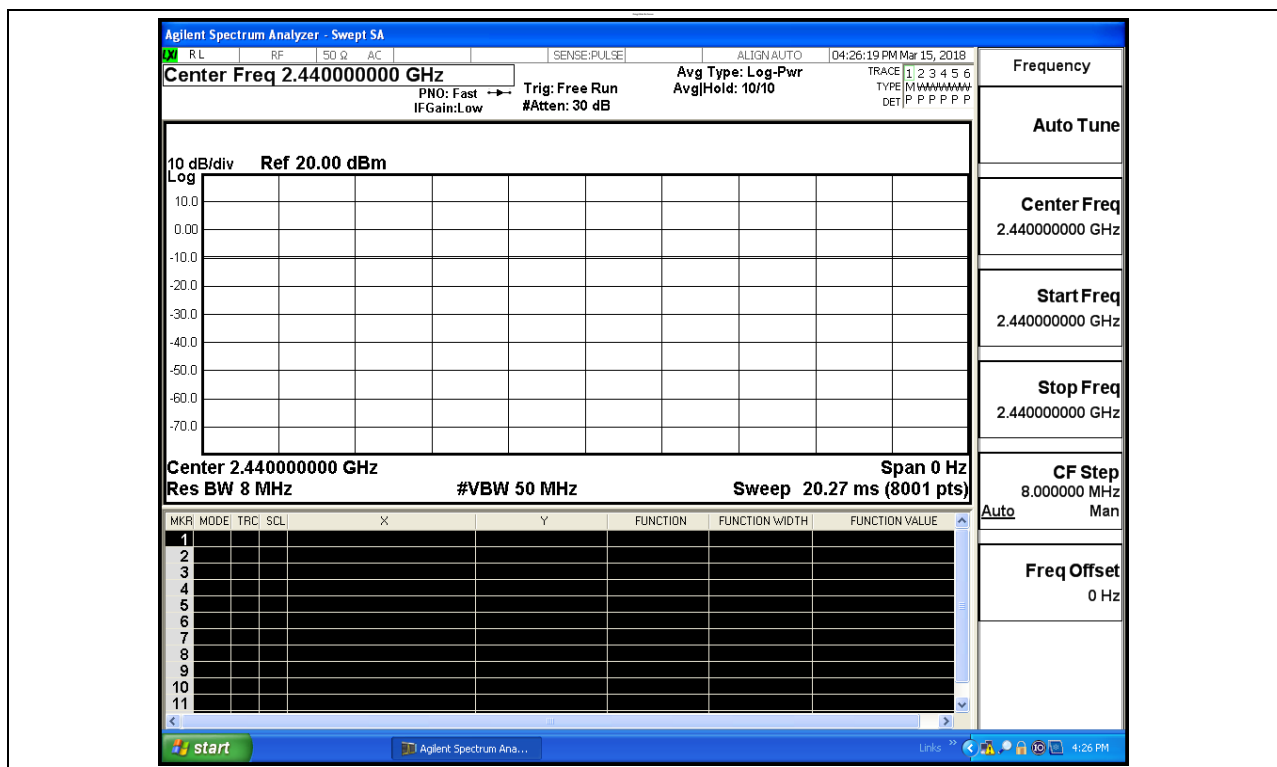
Test Model: MATT85

Environmental Conditions

Temperature:	22.5 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Tom.Liu

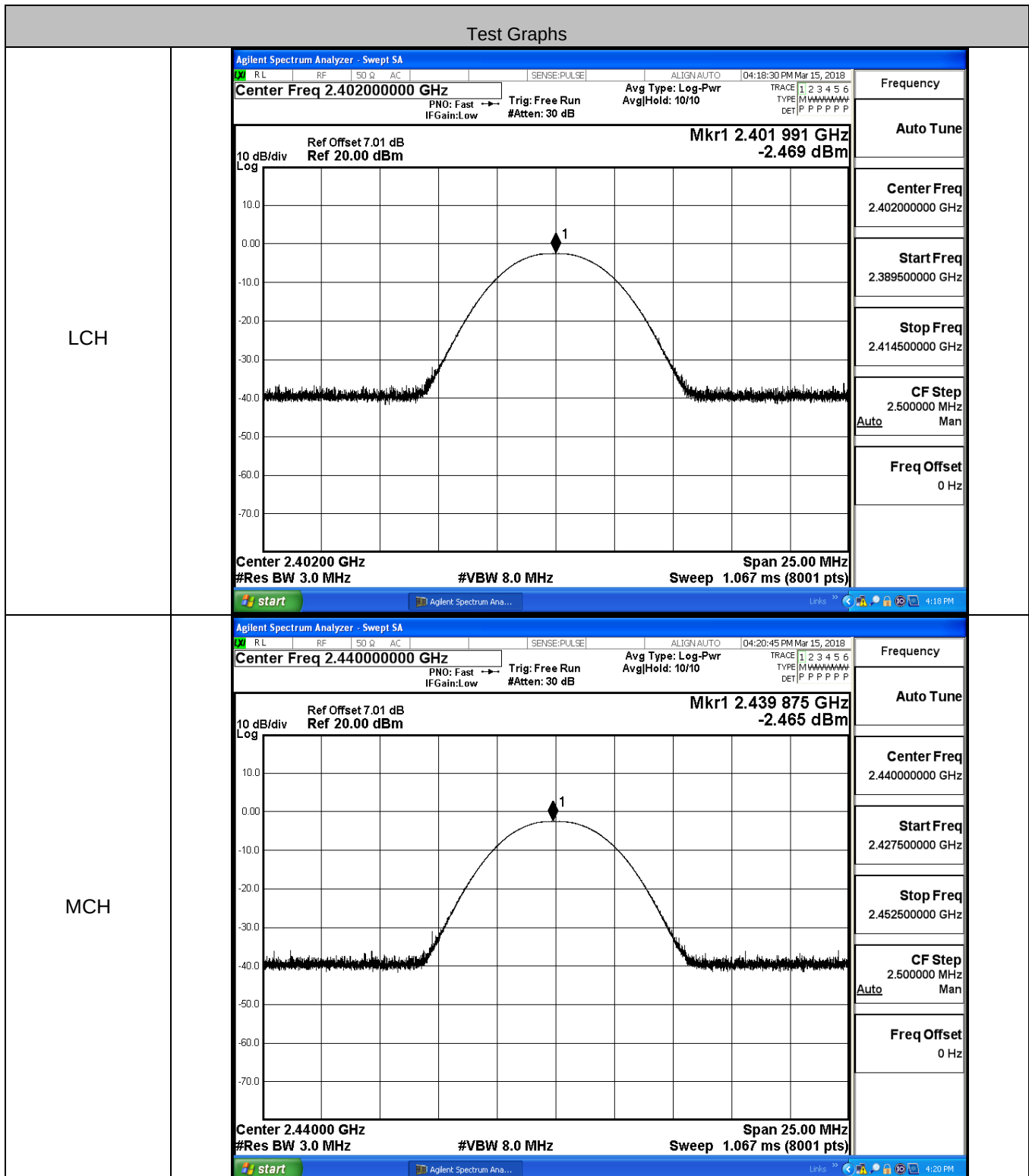
B.1 Duty Cycle

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

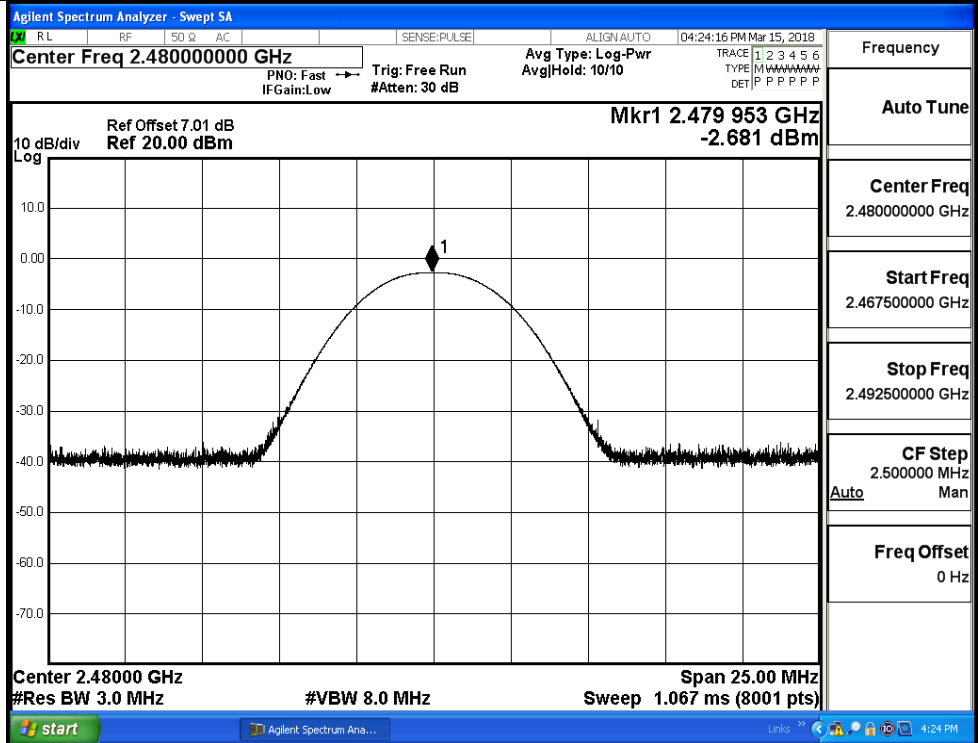


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.469	30	PASS
BT LE	MCH	-2.465	30	PASS
BT LE	HCH	-2.681	30	PASS



HCH

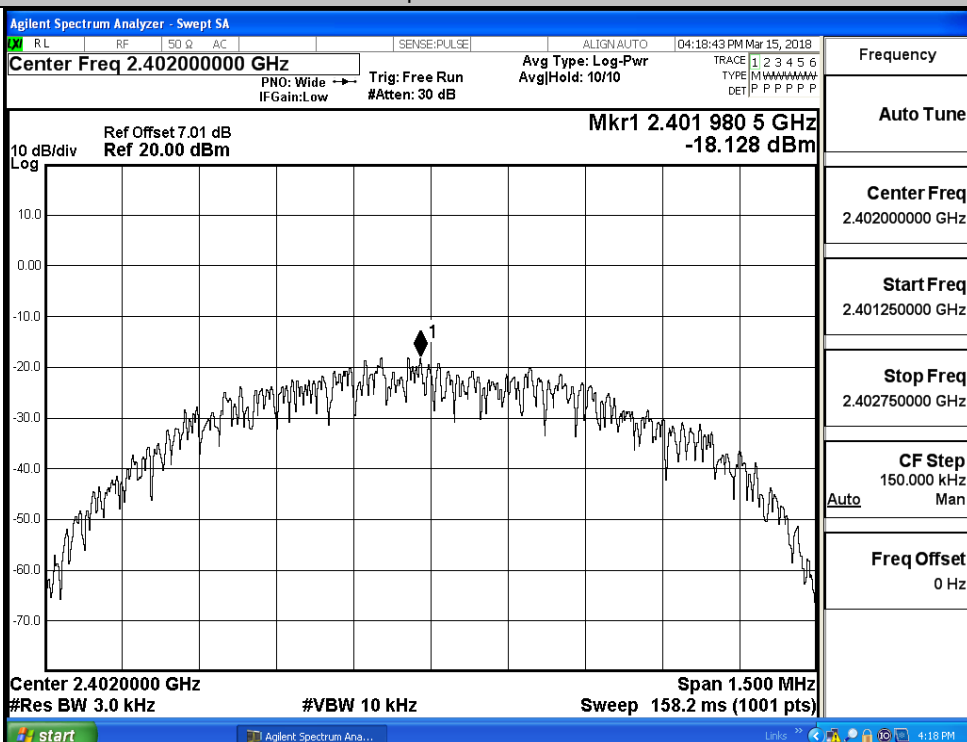


B.3 Maximum Power Spectral Density

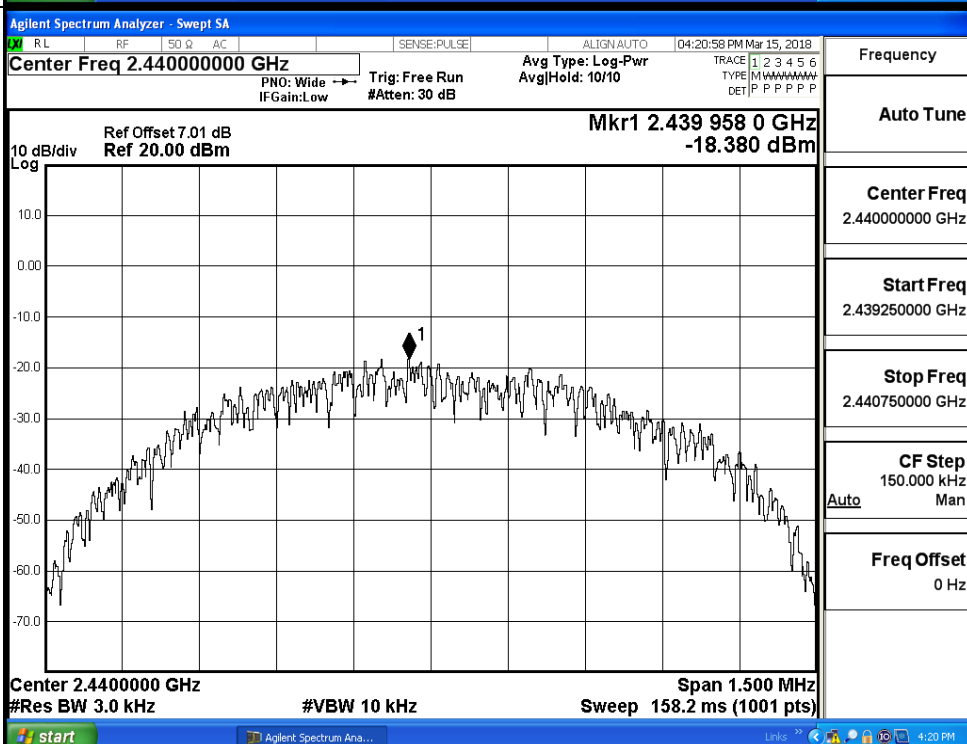
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-18.128	8	PASS
BT LE	MCH	-18.380	8	PASS
BT LE	HCH	-18.411	8	PASS

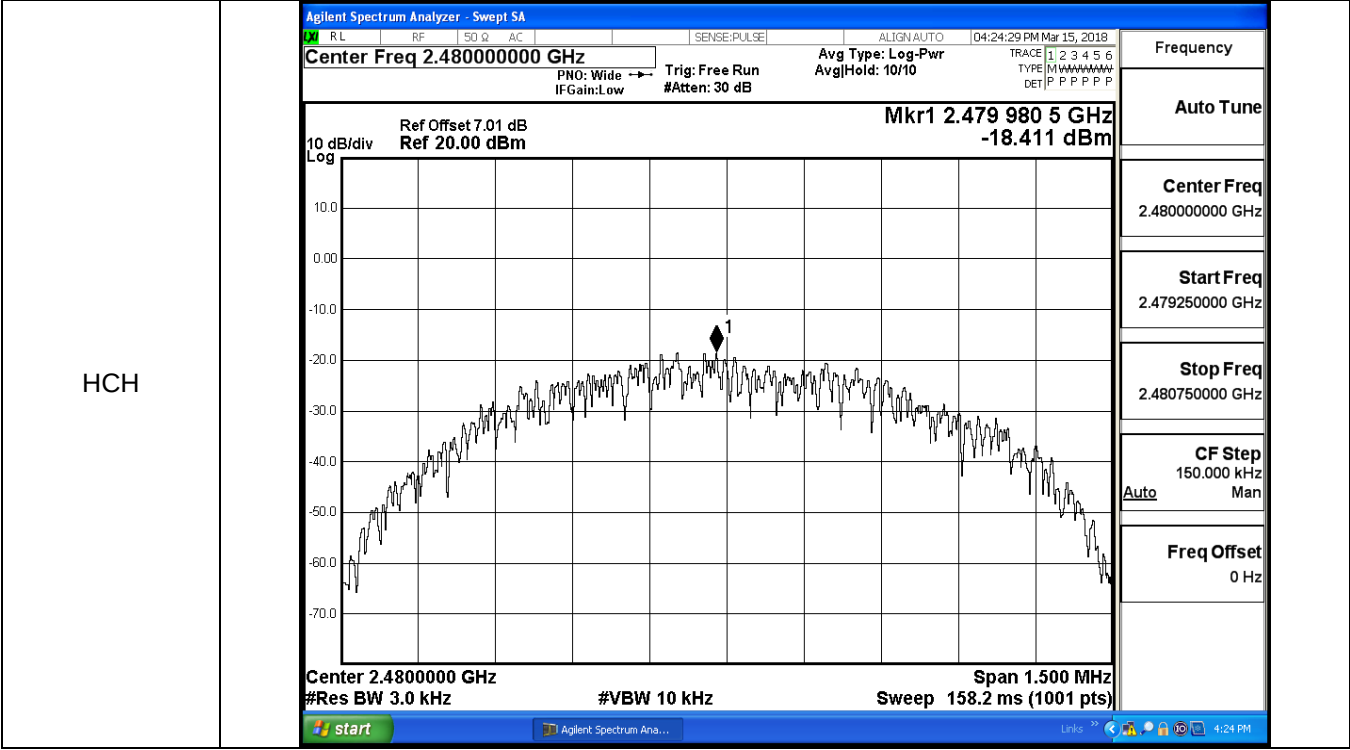
Test Graphs

LCH



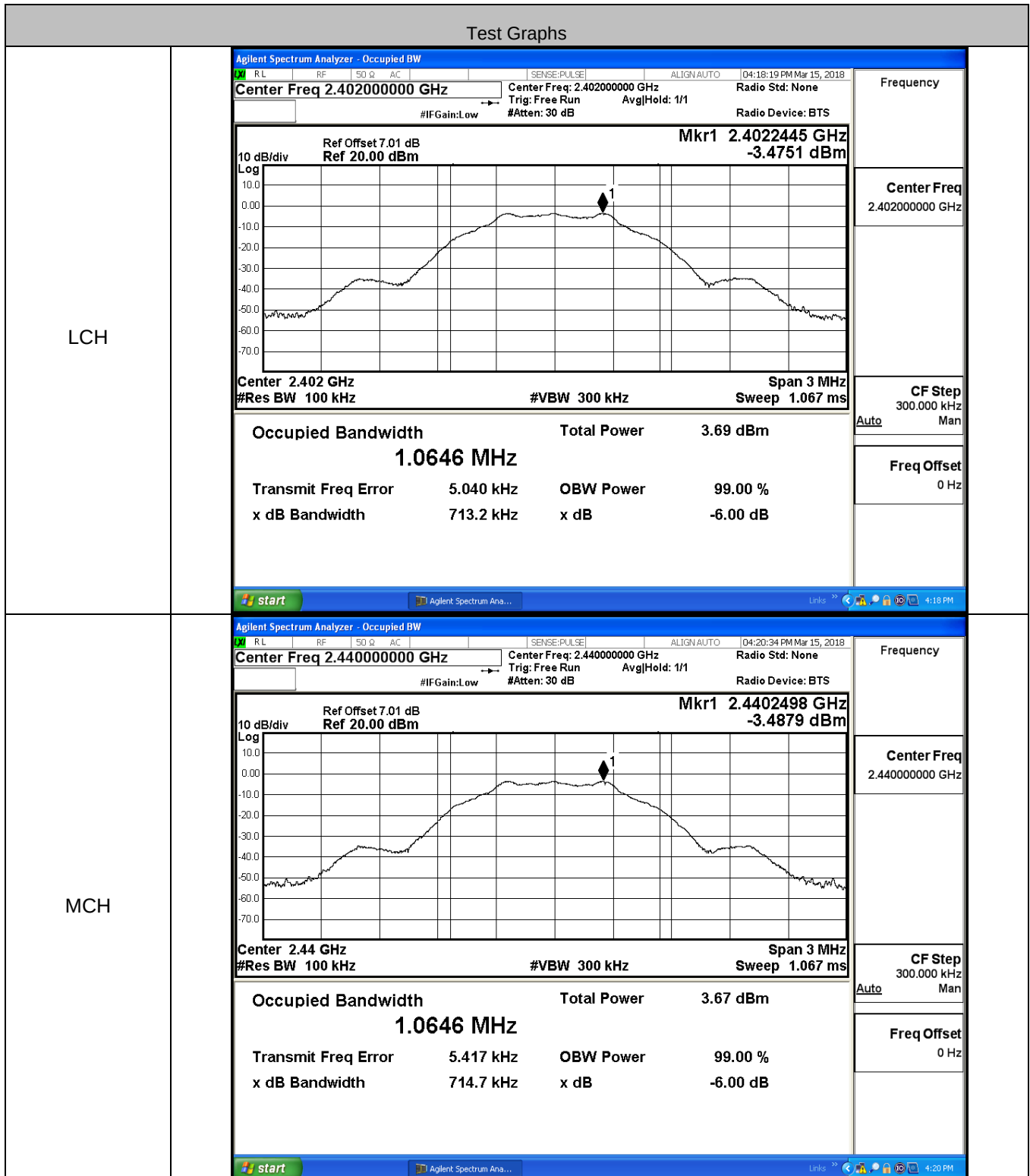
MCH



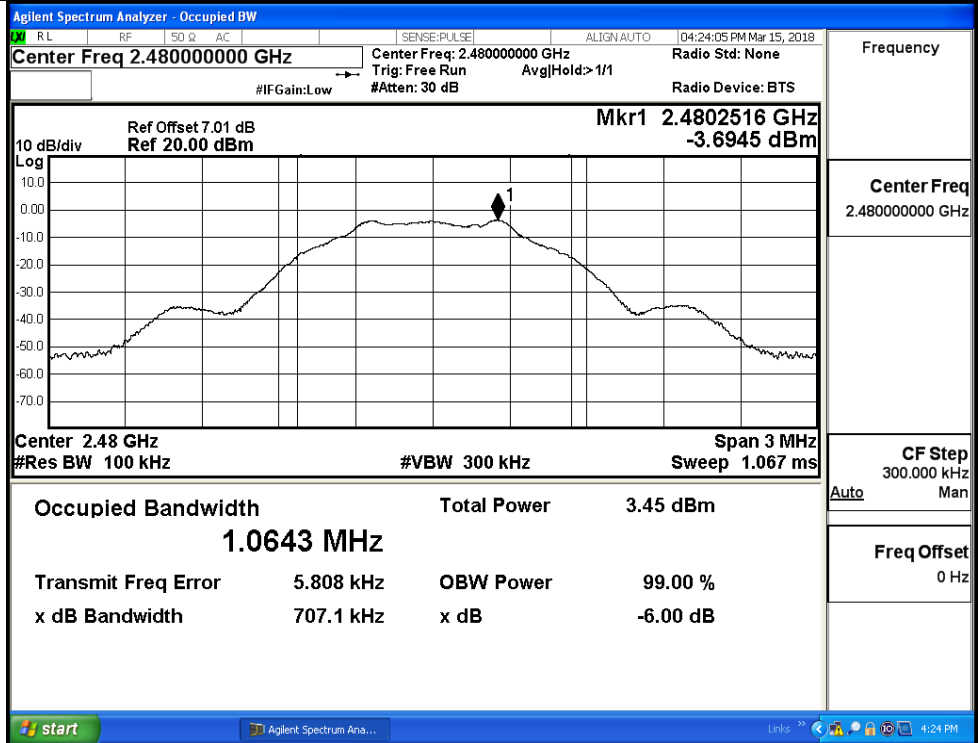


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7132	≥ 0.5	PASS
BT LE	MCH	0.7147	≥ 0.5	PASS
BT LE	HCH	0.7071	≥ 0.5	PASS



HCH

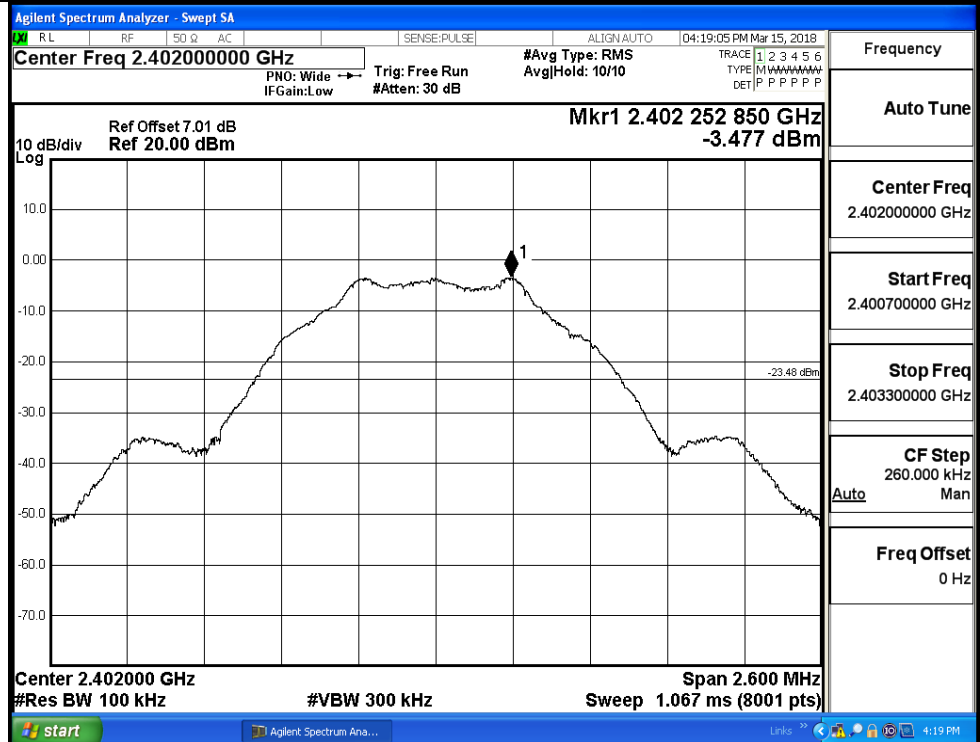


B.5 RF Conducted Spurious Emissions

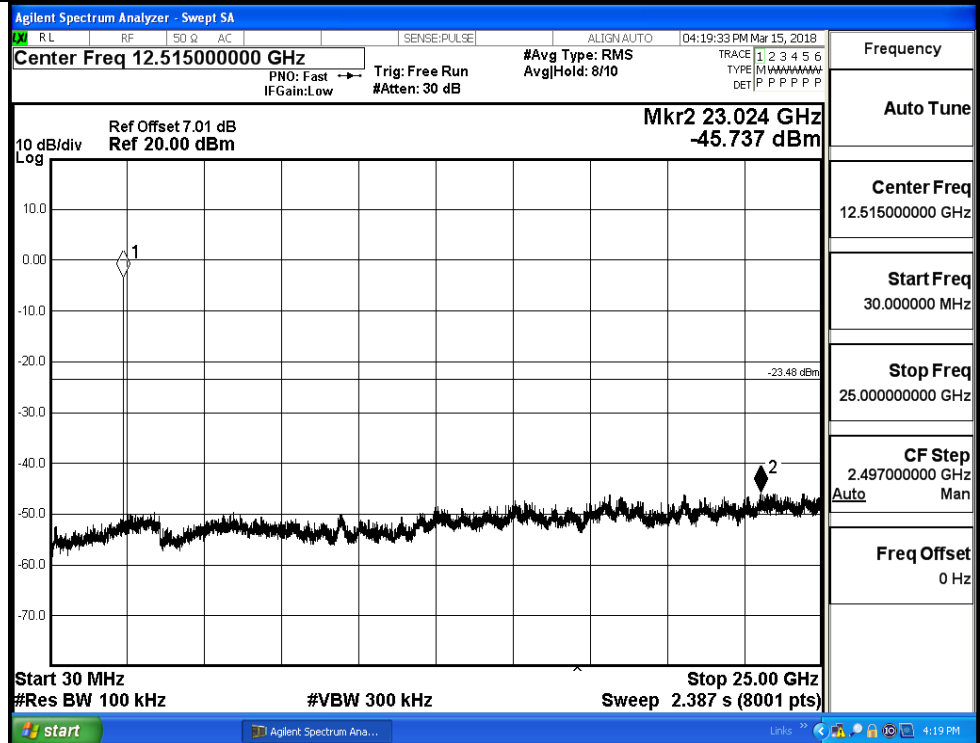
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.477	-45.737	-23.477	PASS
BT LE	MCH	-3.479	-44.430	-23.479	PASS
BT LE	HCH	-3.708	-44.875	-23.708	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

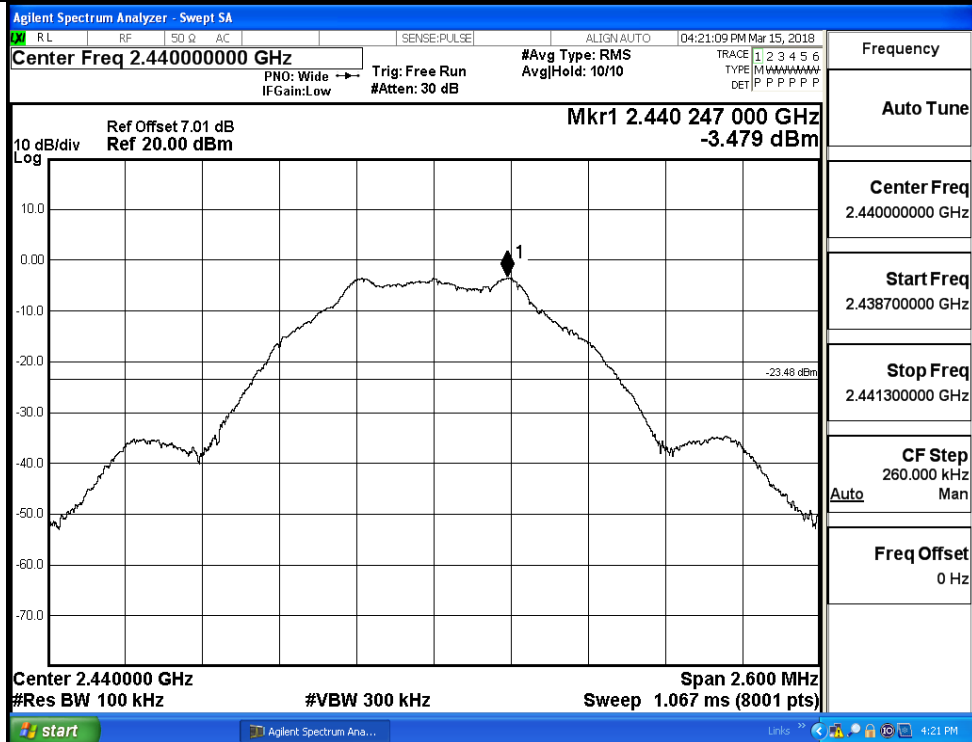


Puw/BT LE/LCH

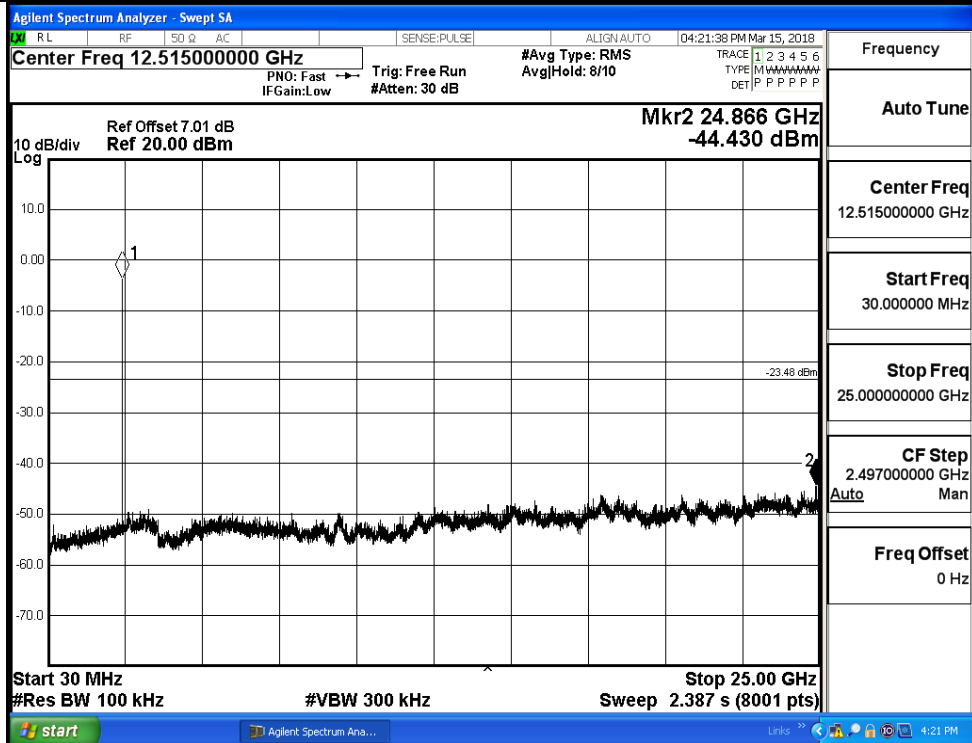


BT LE MCH Graphs

Pref/BT LE/MCH

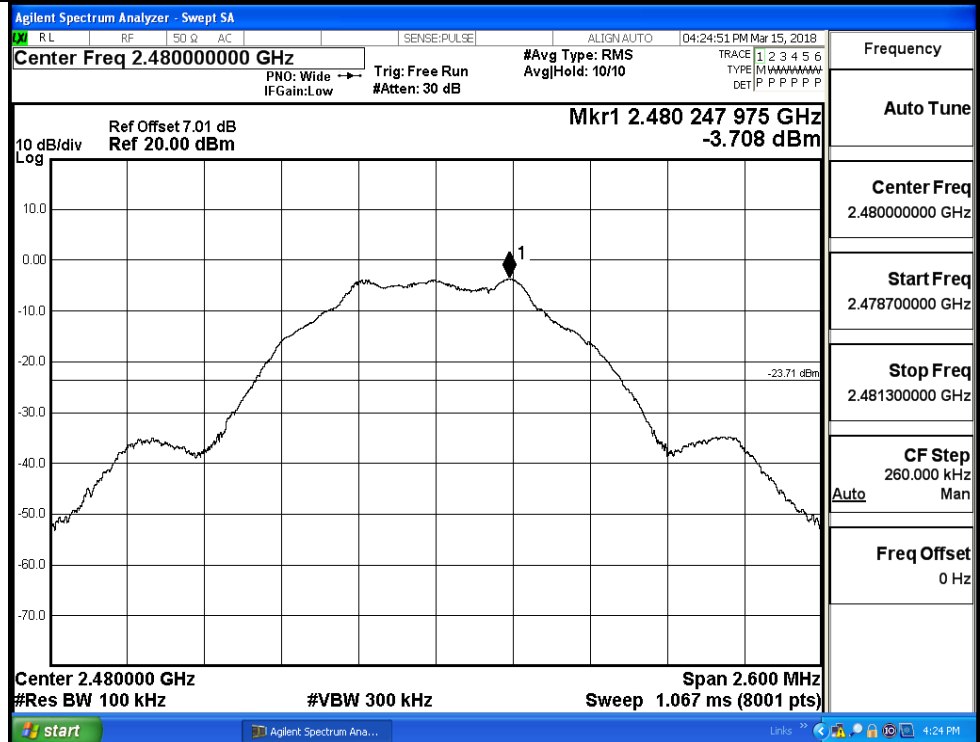


Puw/BT LE/MCH

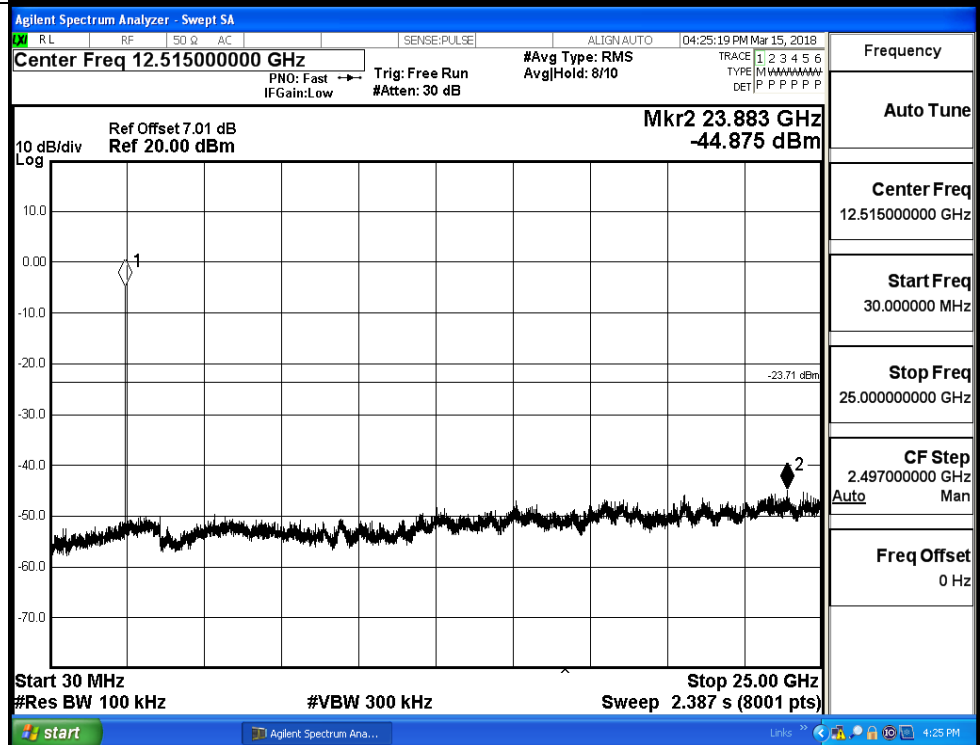


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

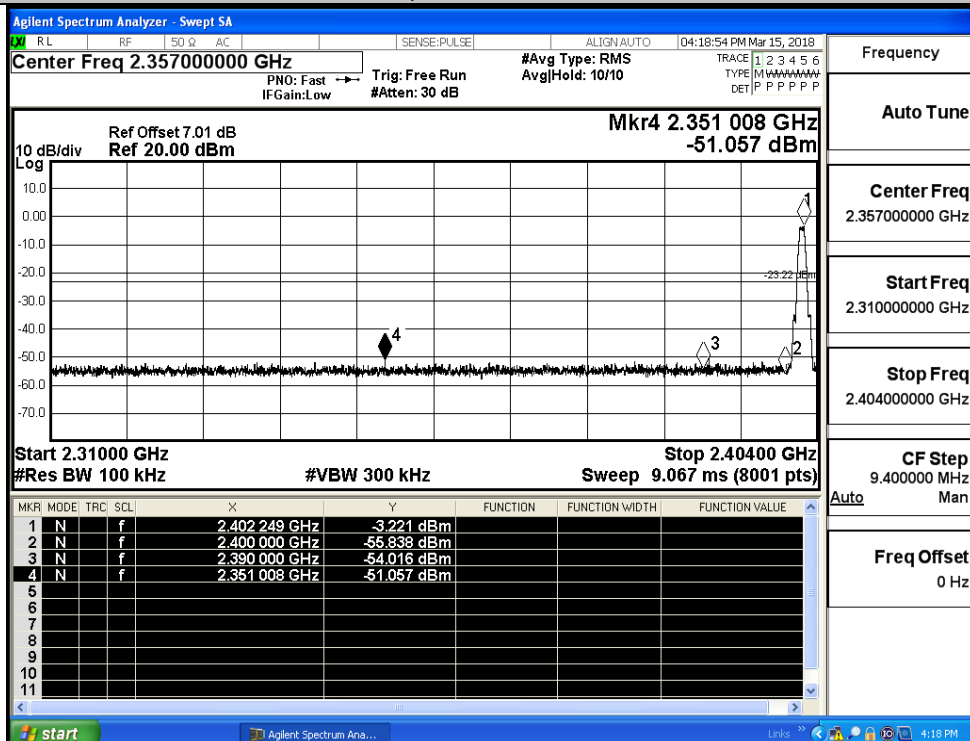


B.6 Band-edge for RF Conducted Emissions

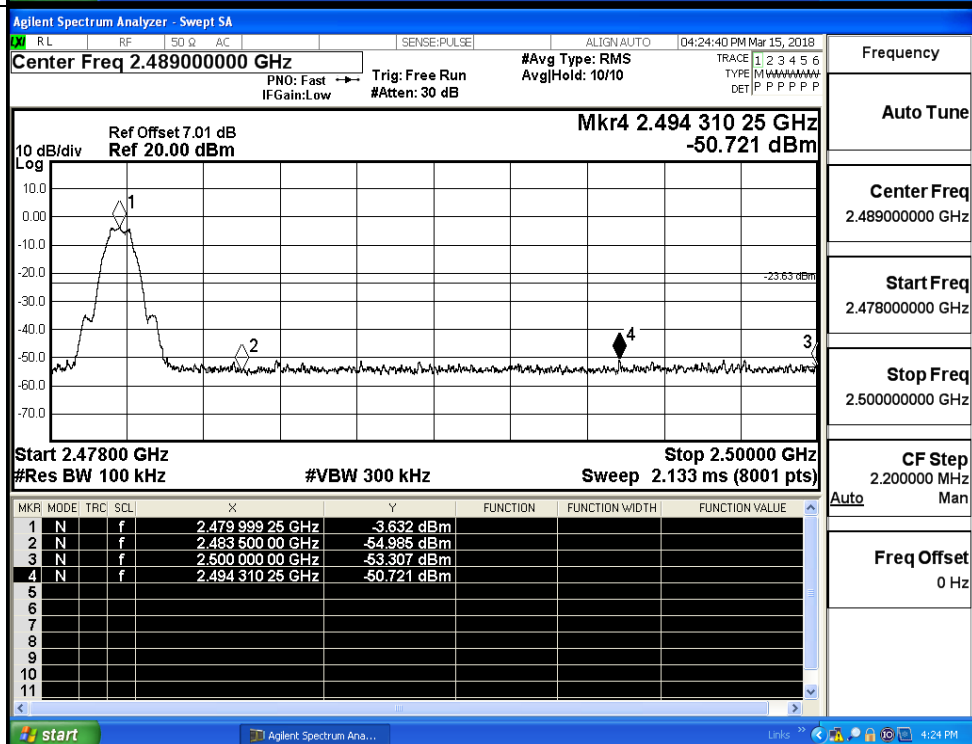
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.221	-51.057	-23.22	PASS
BT LE	HCH	-3.632	-50.721	-23.63	PASS

Test Graphs

LCH



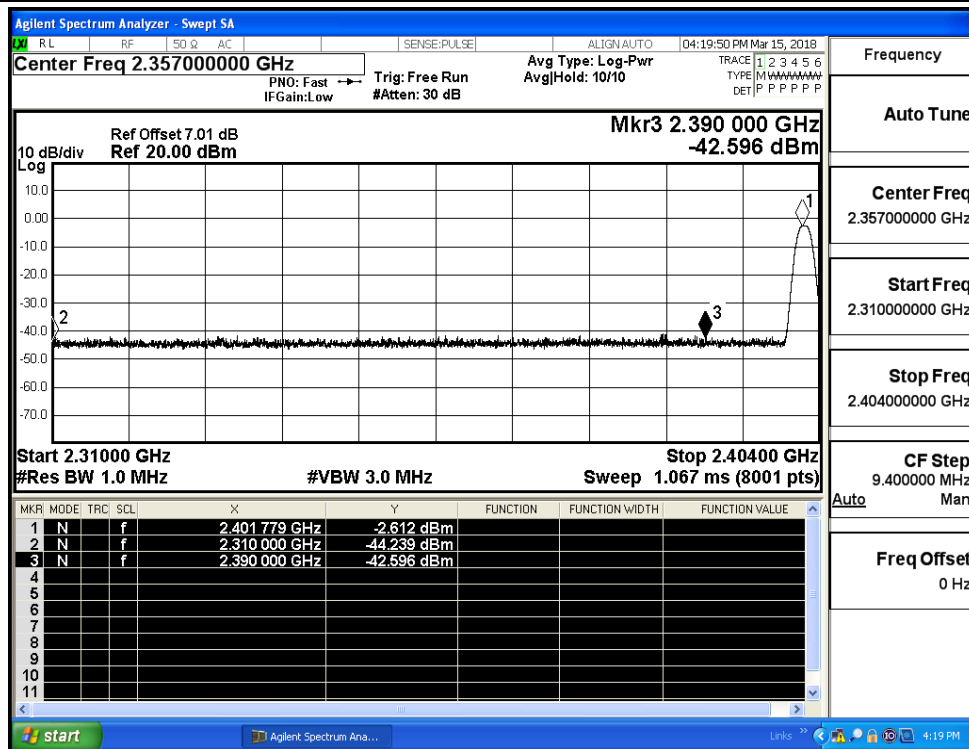
HCH



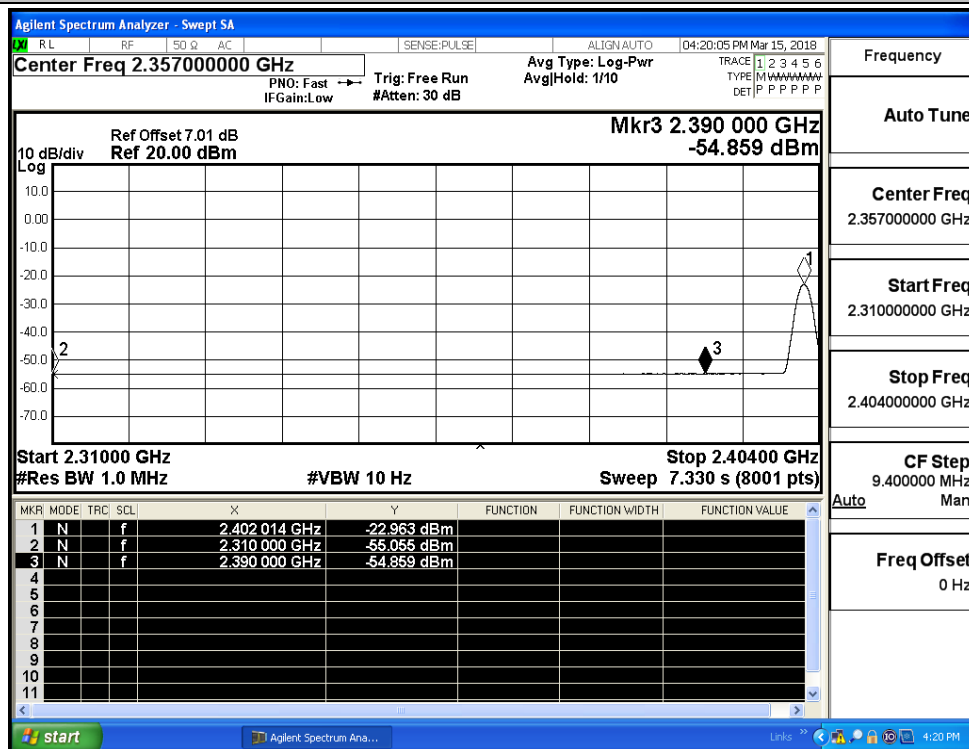
B.7 Restrict-band band-edge measurements

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	-44.24	2.0	0	53.02	PEAK	74	PASS
		Ant1	2310.0	-55.06	2.0	0	42.20	AV	54	PASS
		Ant1	2390.0	-42.60	2.0	0	54.66	PEAK	74	PASS
		Ant1	2390.0	-54.86	2.0	0	42.40	AV	54	PASS
	2480	Ant1	2483.5	-44.10	2.0	0	53.16	PEAK	74	PASS
		Ant1	2483.5	-54.57	2.0	0	42.69	AV	54	PASS
		Ant1	2500.0	-42.71	2.0	0	54.55	PEAK	74	PASS
		Ant1	2500.0	-54.46	2.0	0	42.80	AV	54	PASS

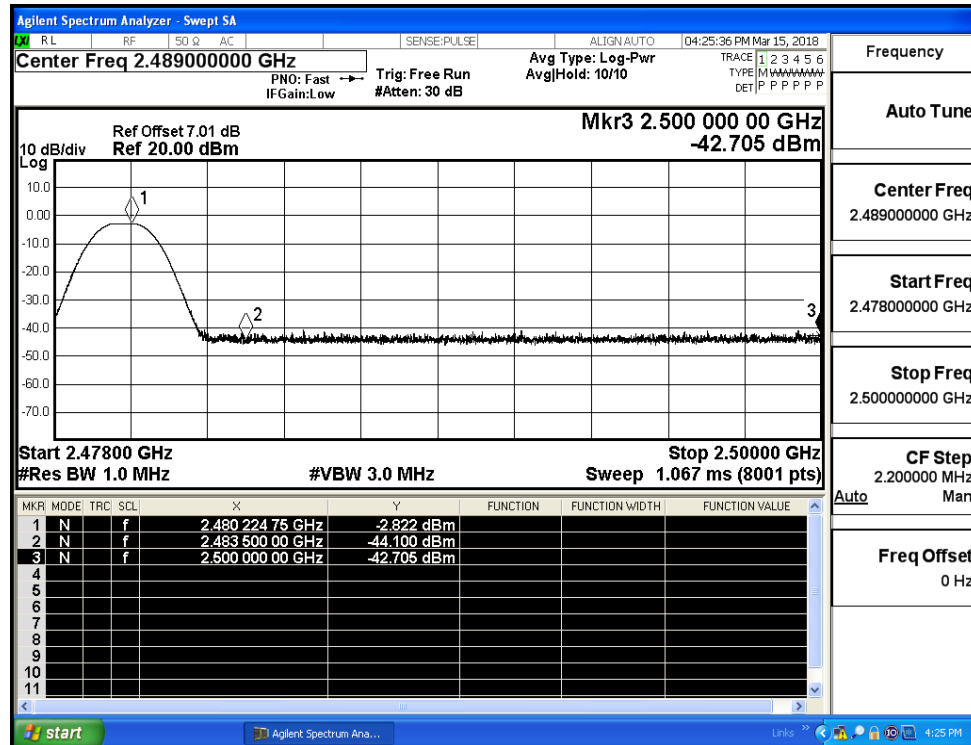
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

