

Appendix B

RF Test Data for BT V4.2(BDR/EDR) (Conducted Measurement)

Product Name: Drive

Trade Mark: Opus IVS

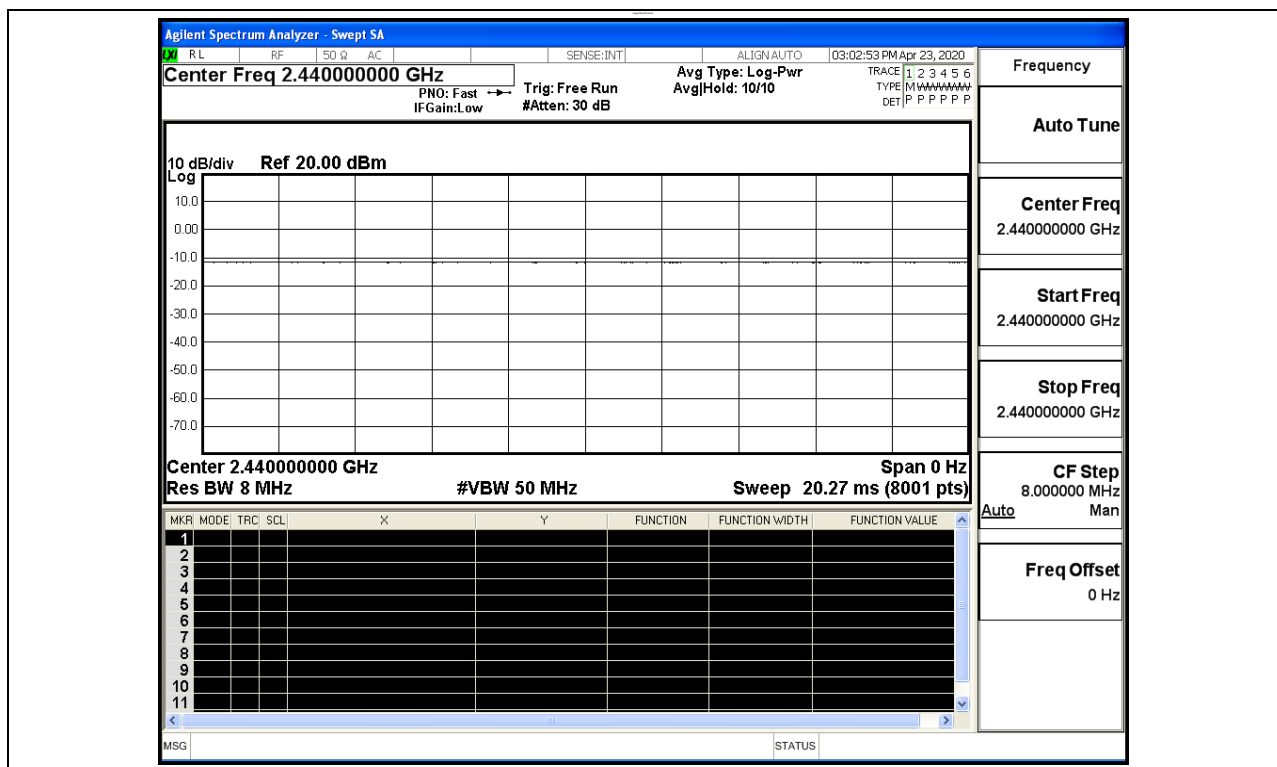
Test Model: TAB-F1063-2

Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Tom Liu

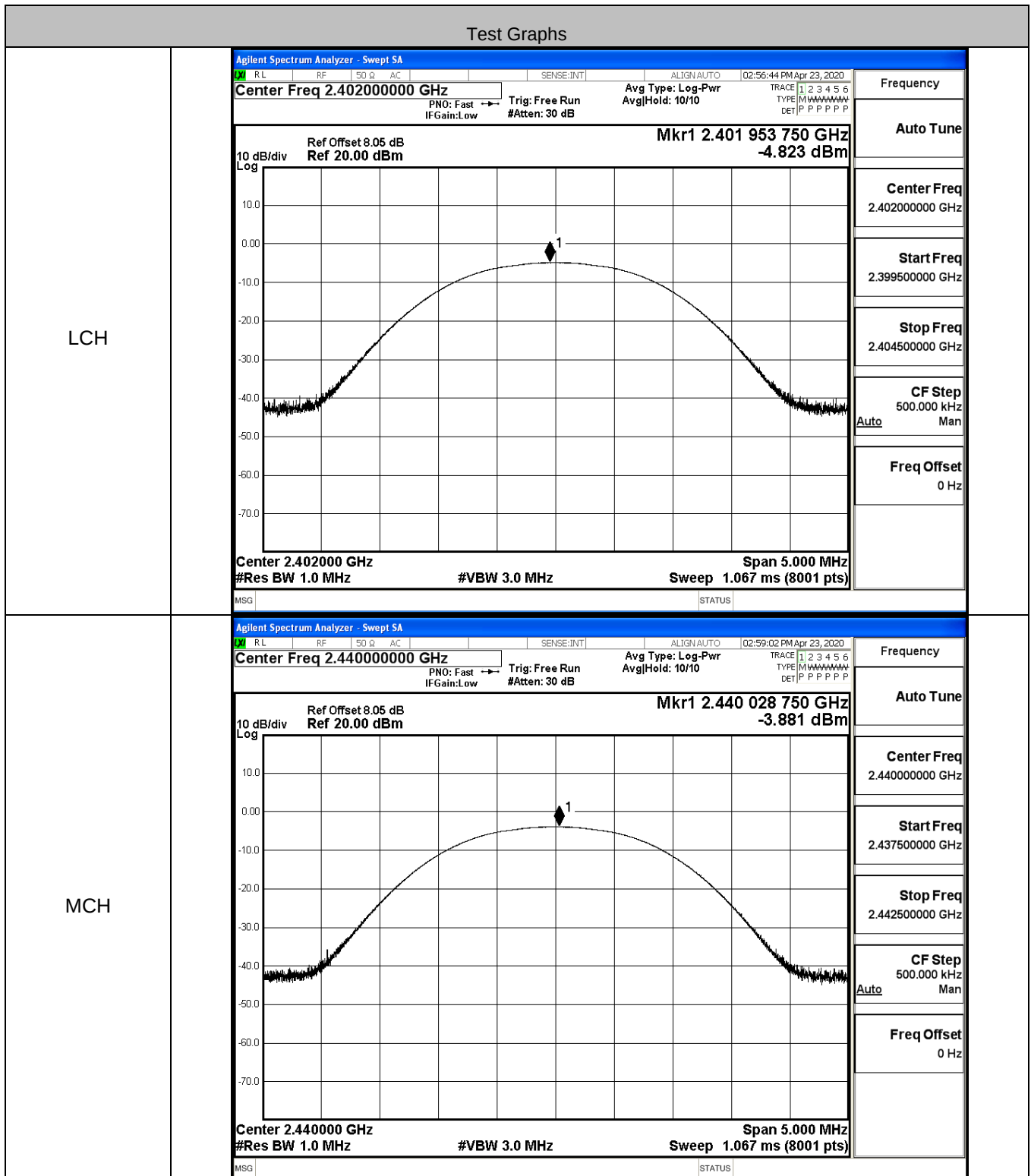
B.1 Duty Cycle

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

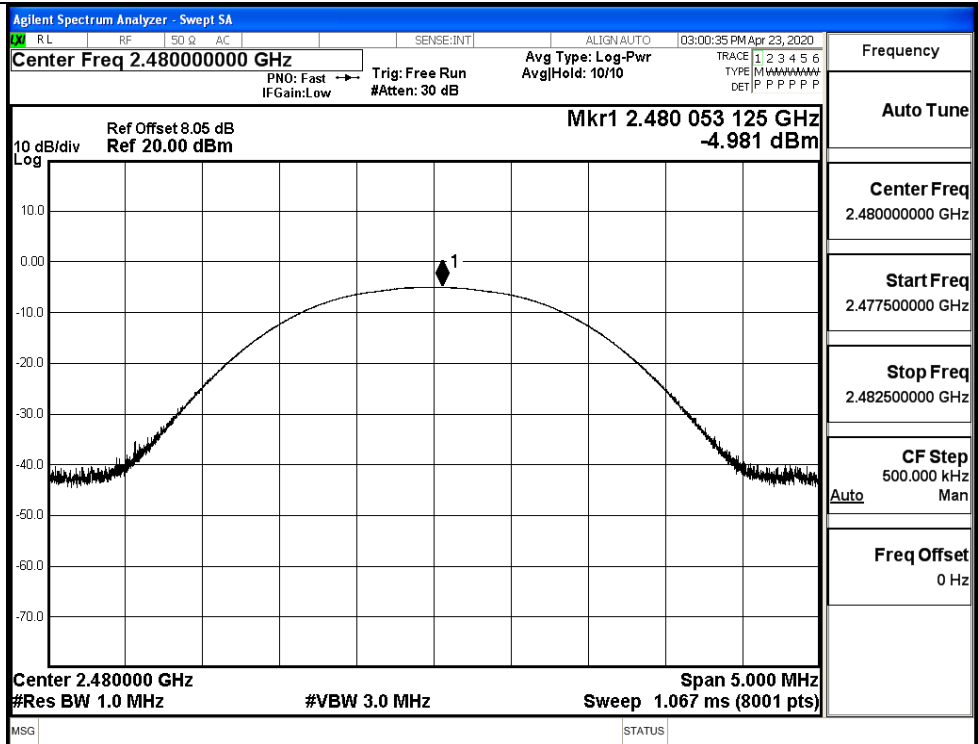


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.823	30	PASS
BT LE	MCH	-3.881	30	PASS
BT LE	HCH	-4.981	30	PASS



HCH

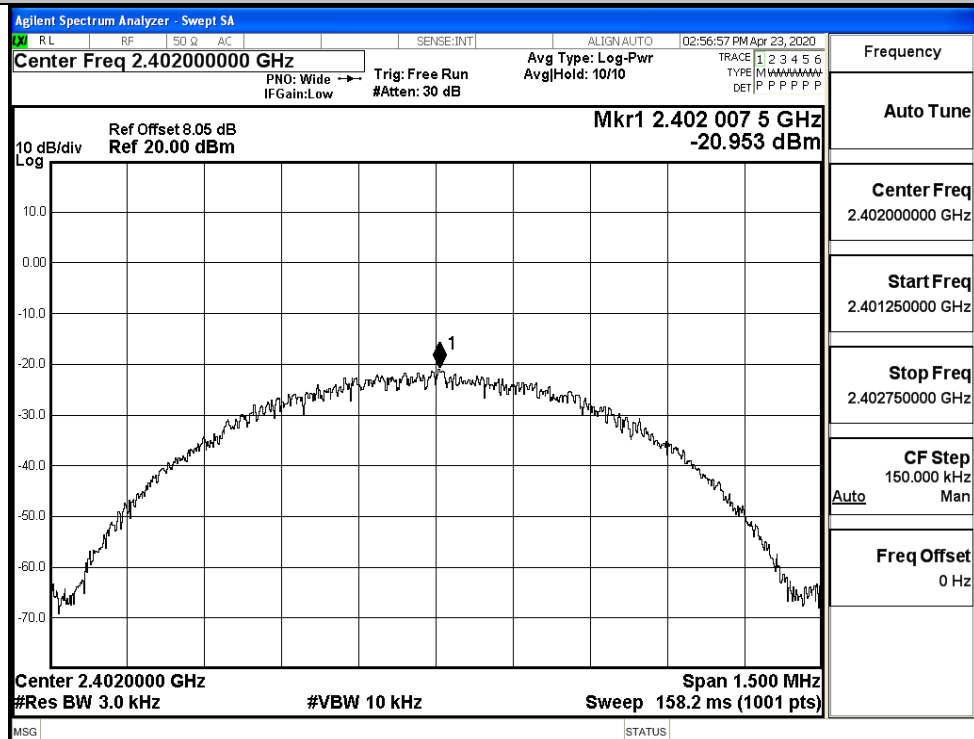


B.3 Maximum Power Spectral Density

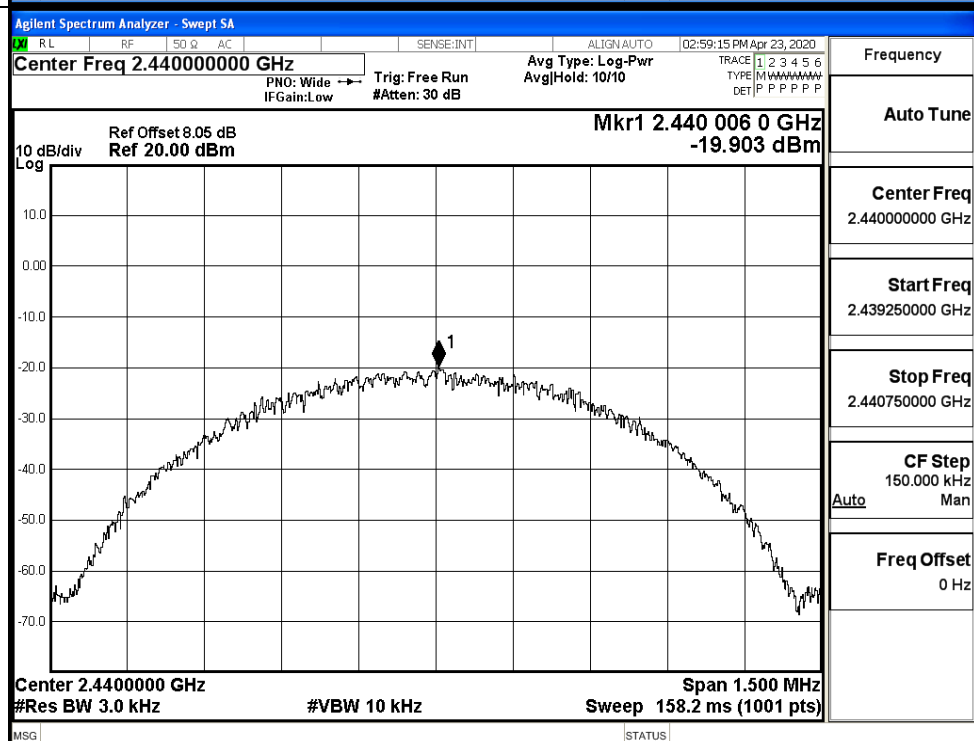
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-20.953	8	PASS
BT LE	MCH	-19.903	8	PASS
BT LE	HCH	-21.023	8	PASS

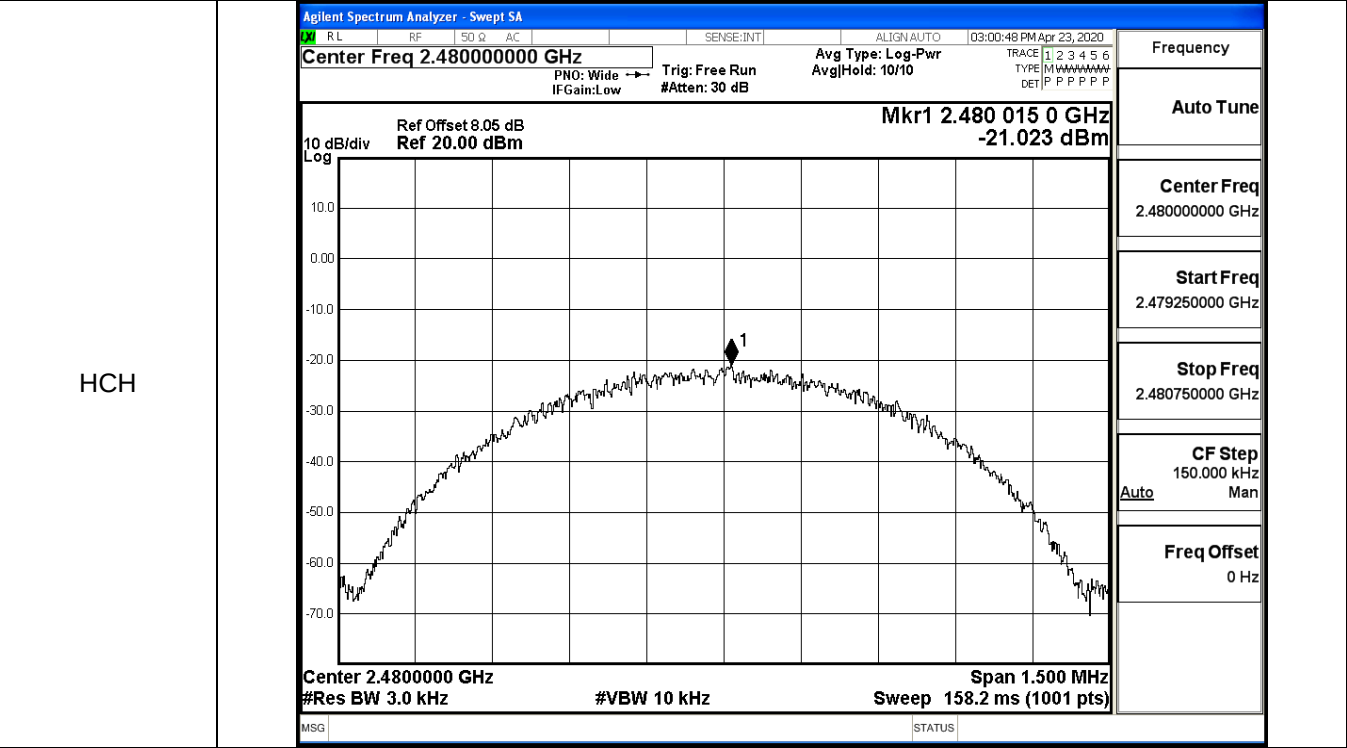
Test Graphs

LCH



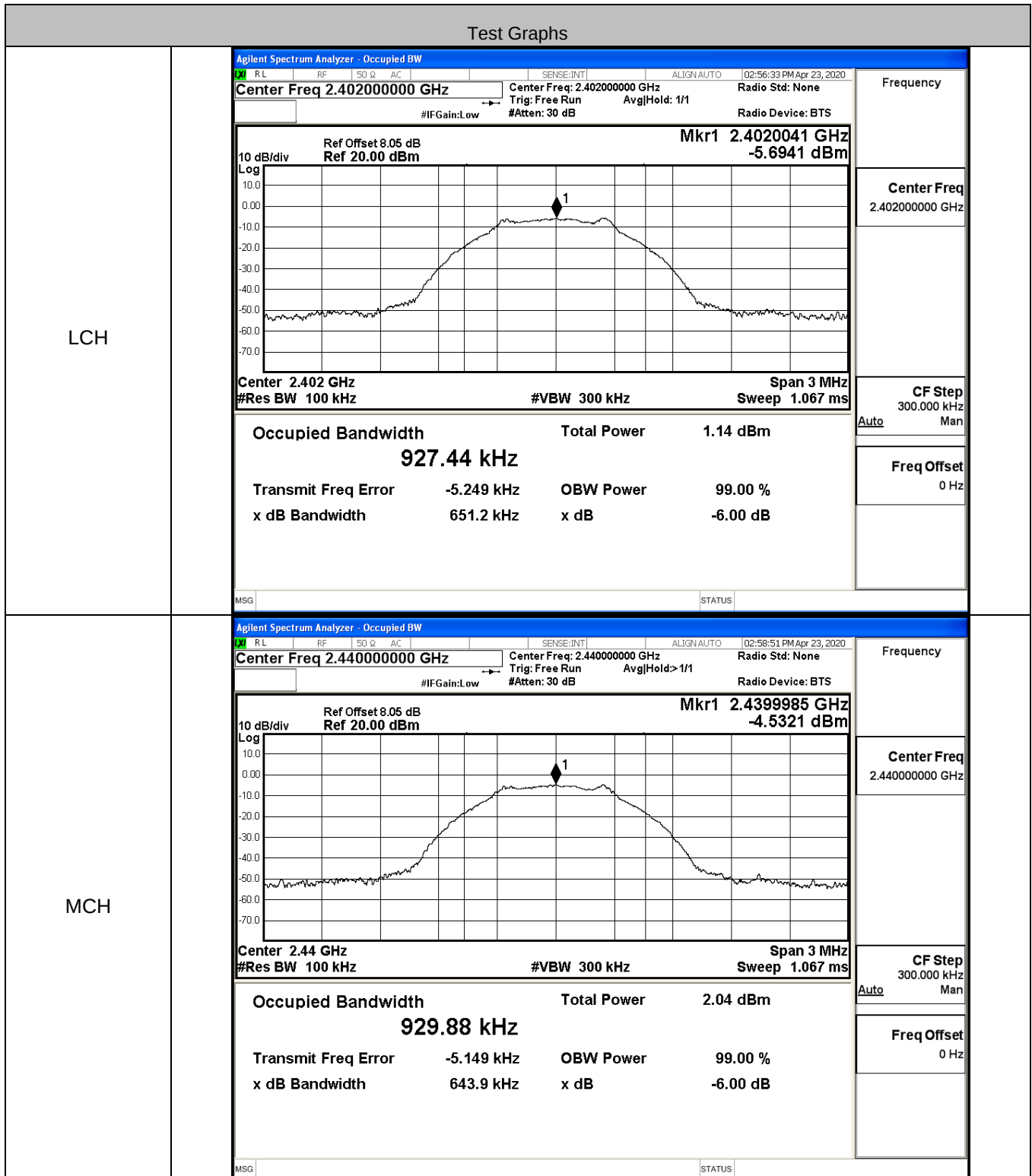
MCH



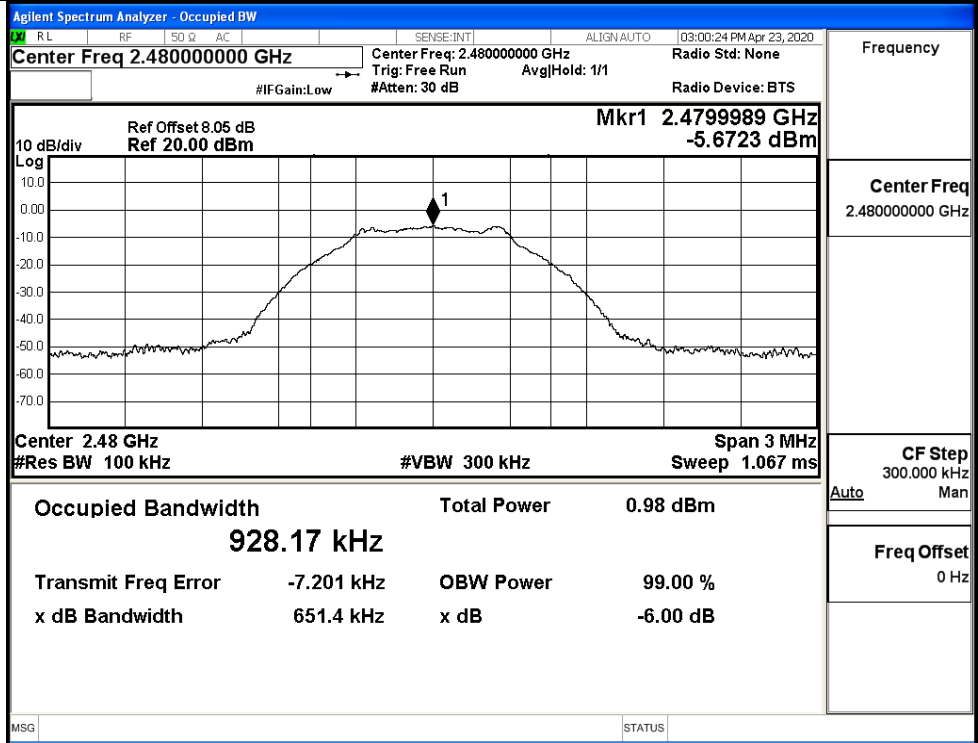


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6512	≥ 0.5	PASS
BT LE	MCH	0.6439	≥ 0.5	PASS
BT LE	HCH	0.6514	≥ 0.5	PASS

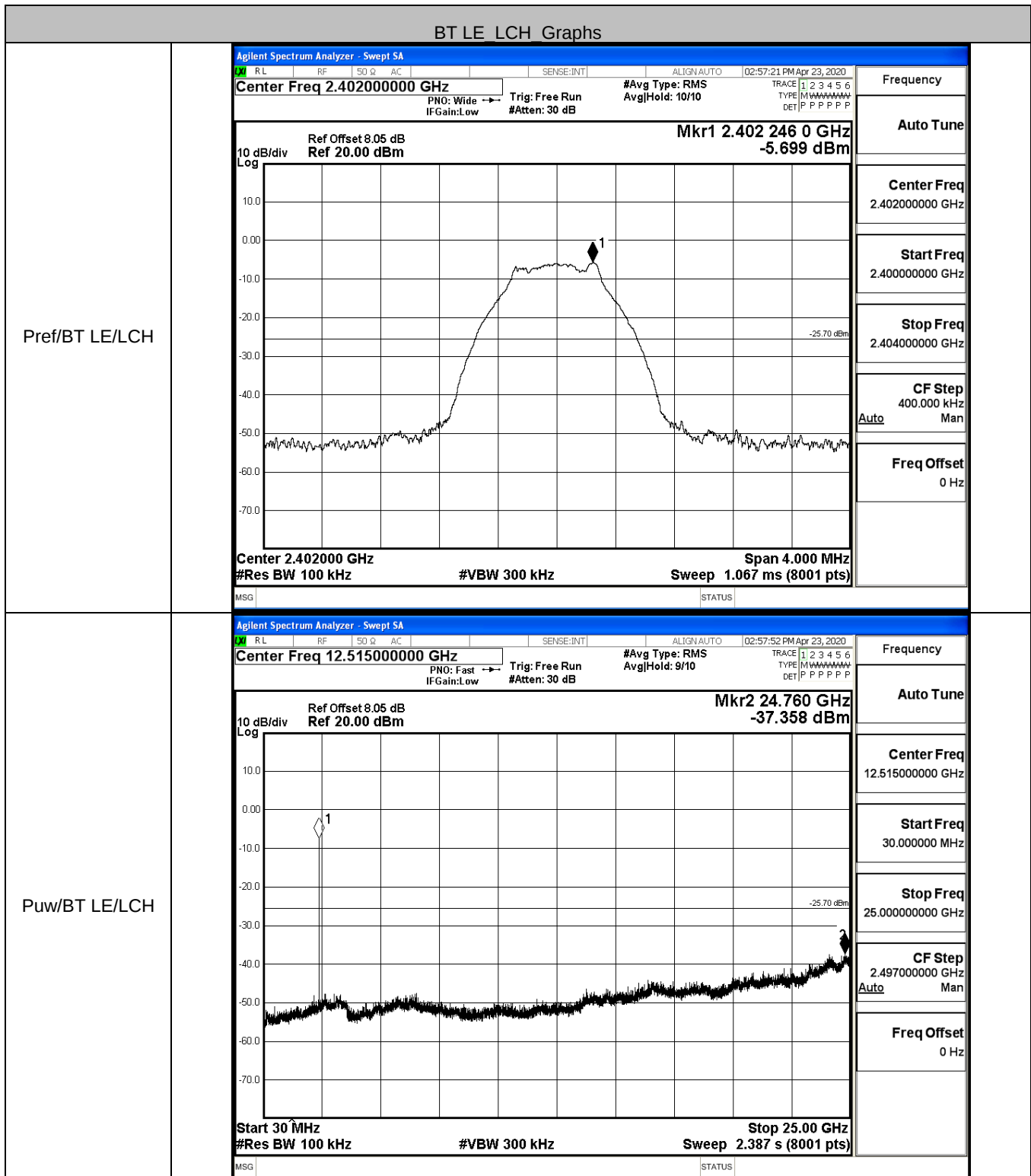


HCH



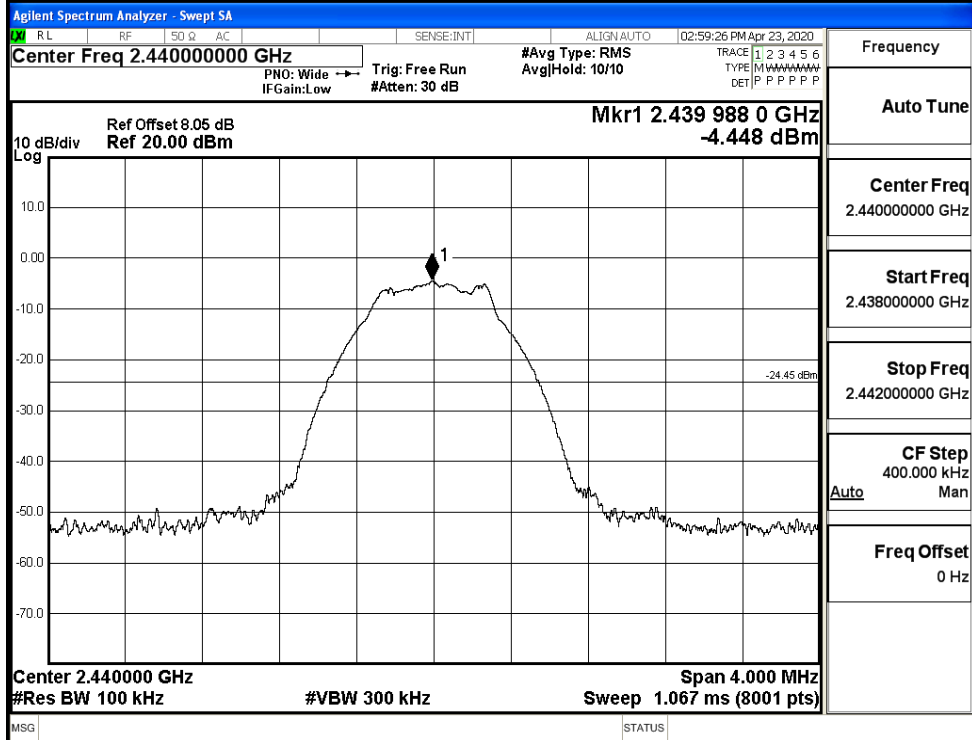
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.699	-37.358	-25.699	PASS
BT LE	MCH	-4.448	-37.600	-24.448	PASS
BT LE	HCH	-5.955	-37.167	-25.955	PASS

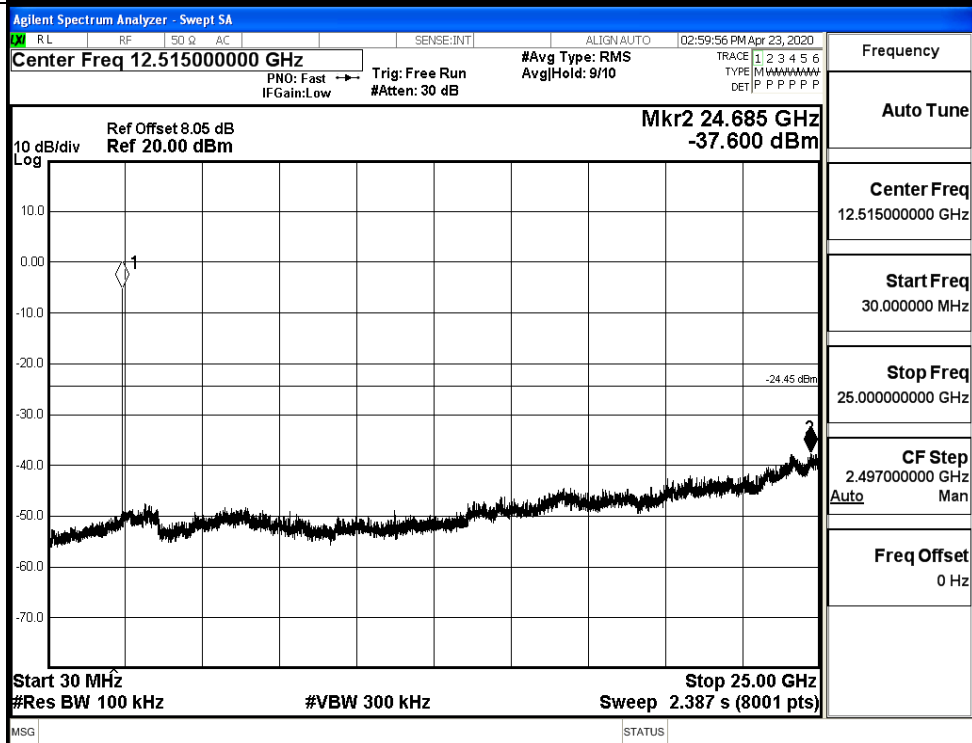


BT LE MCH Graphs

Pref/BT LE/MCH

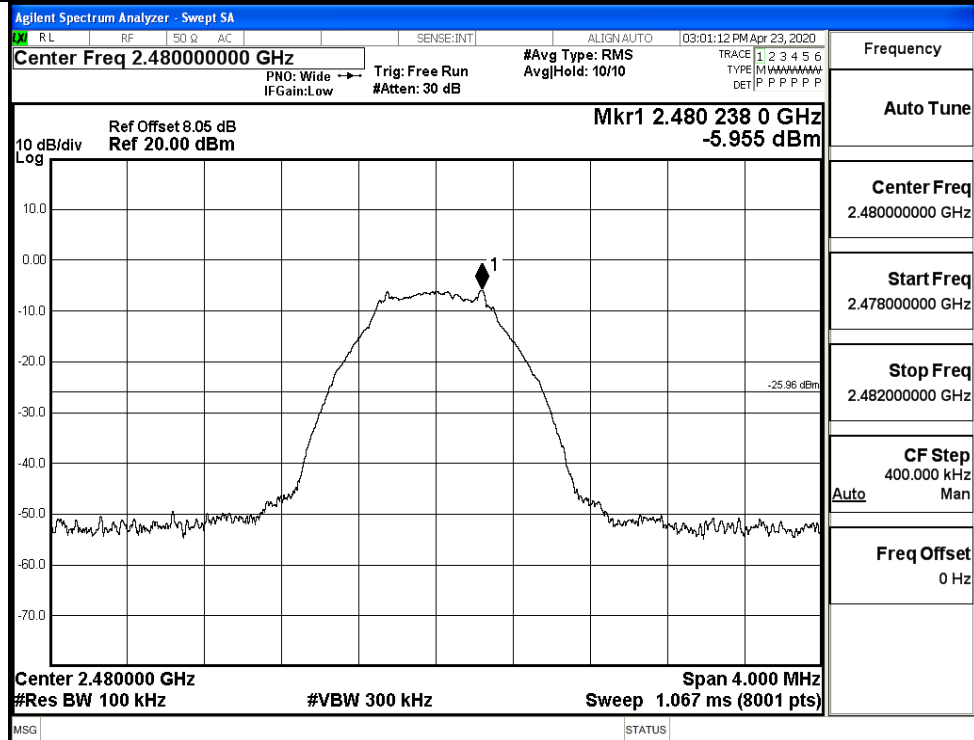


Puw/BT LE/MCH

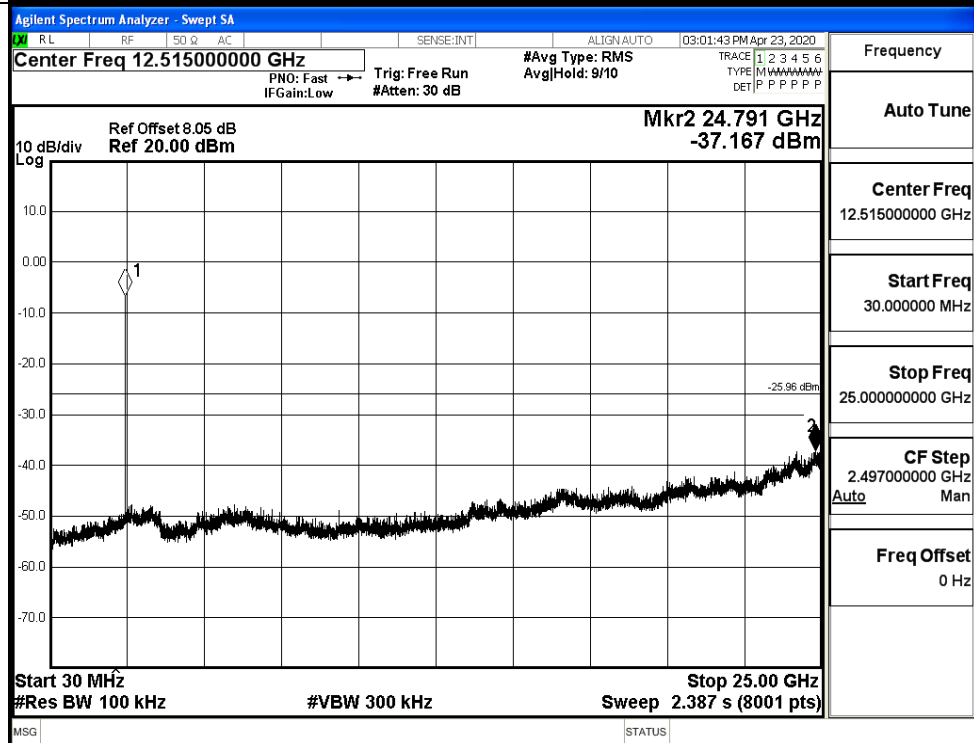


BT LE HCH Graphs

Pref/BT LE/HCH

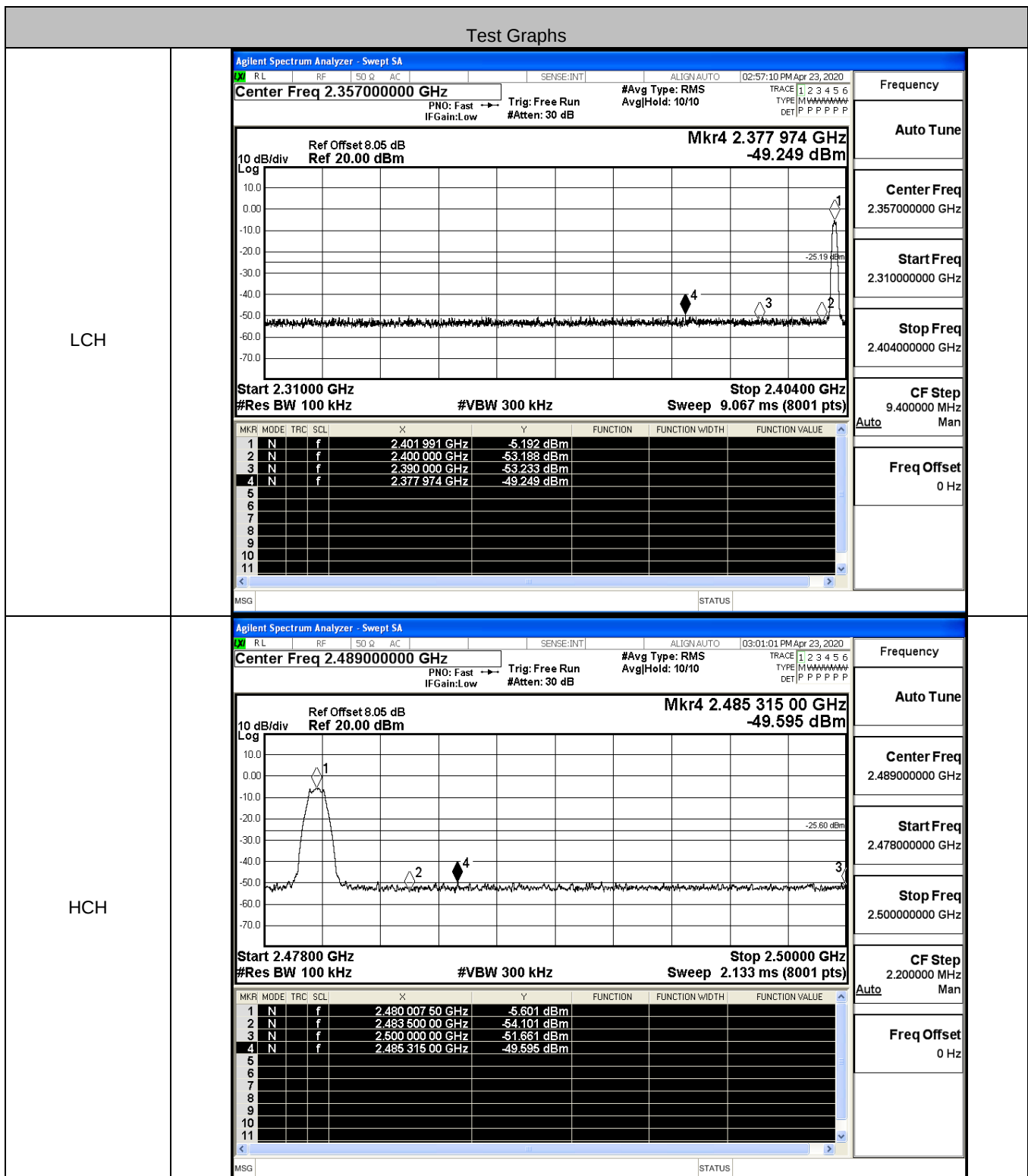


Puw/BT LE/HCH



B.6 Band-edge for RF Conducted Emissions

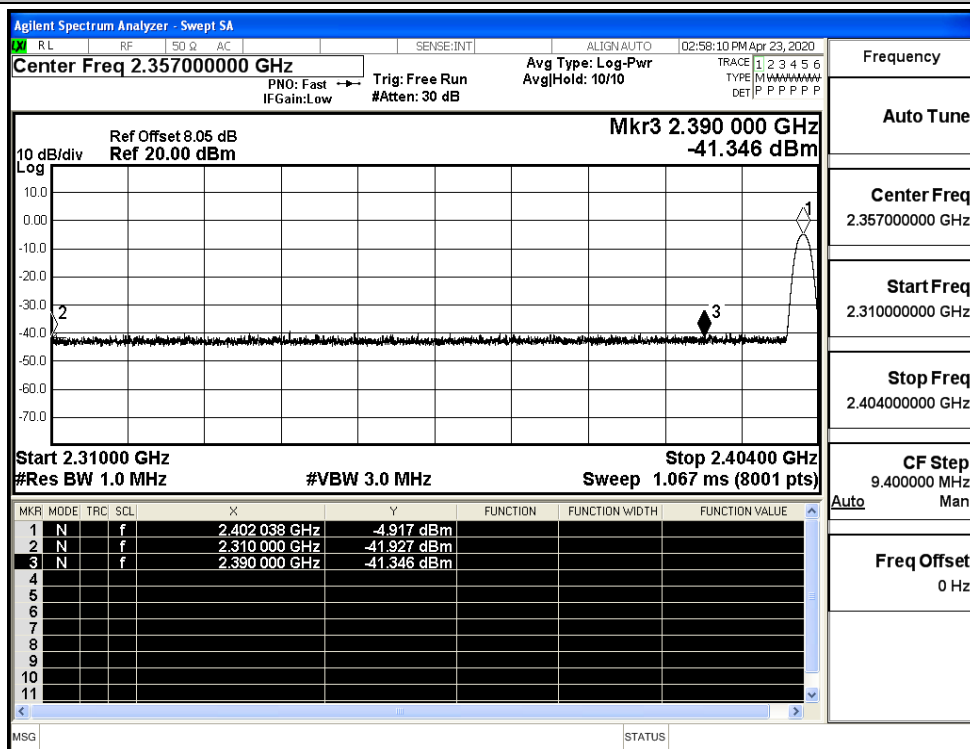
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.192	-49.249	-25.19	PASS
BT LE	HCH	-5.601	-49.595	-25.6	PASS



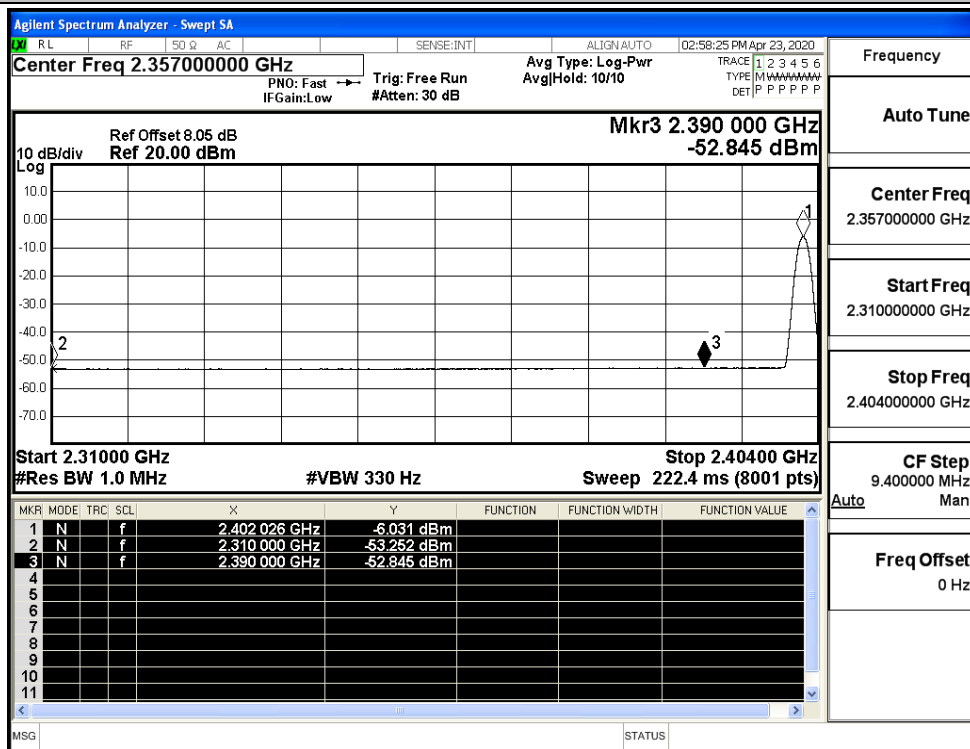
B.7 Restrict-band band-edge measurements

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	-41.93	3.0	0	56.33	PEAK	74	PASS
		Ant1	2310.0	-53.25	3.0	0	45.01	AV	54	PASS
		Ant1	2390.0	-41.35	3.0	0	56.91	PEAK	74	PASS
		Ant1	2390.0	-52.85	3.0	0	45.41	AV	54	PASS
	2480	Ant1	2483.5	-41.32	3.0	0	56.94	PEAK	74	PASS
		Ant1	2483.5	-52.41	3.0	0	45.85	AV	54	PASS
		Ant1	2500.0	-42.50	3.0	0	55.76	PEAK	74	PASS
		Ant1	2500.0	-52.23	3.0	0	46.03	AV	54	PASS

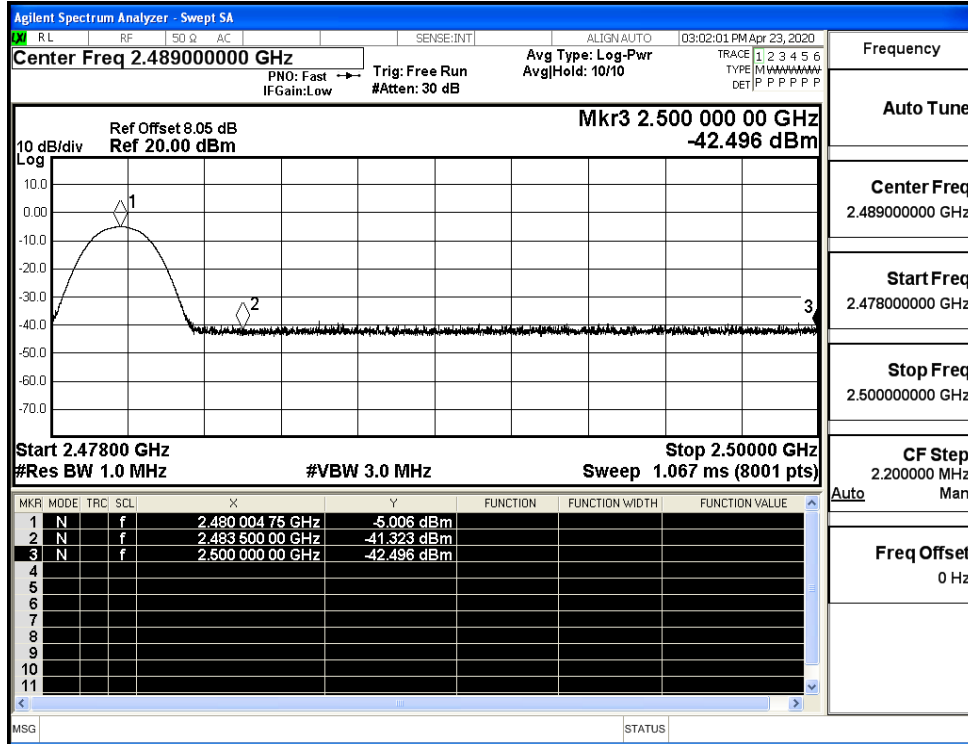
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

