

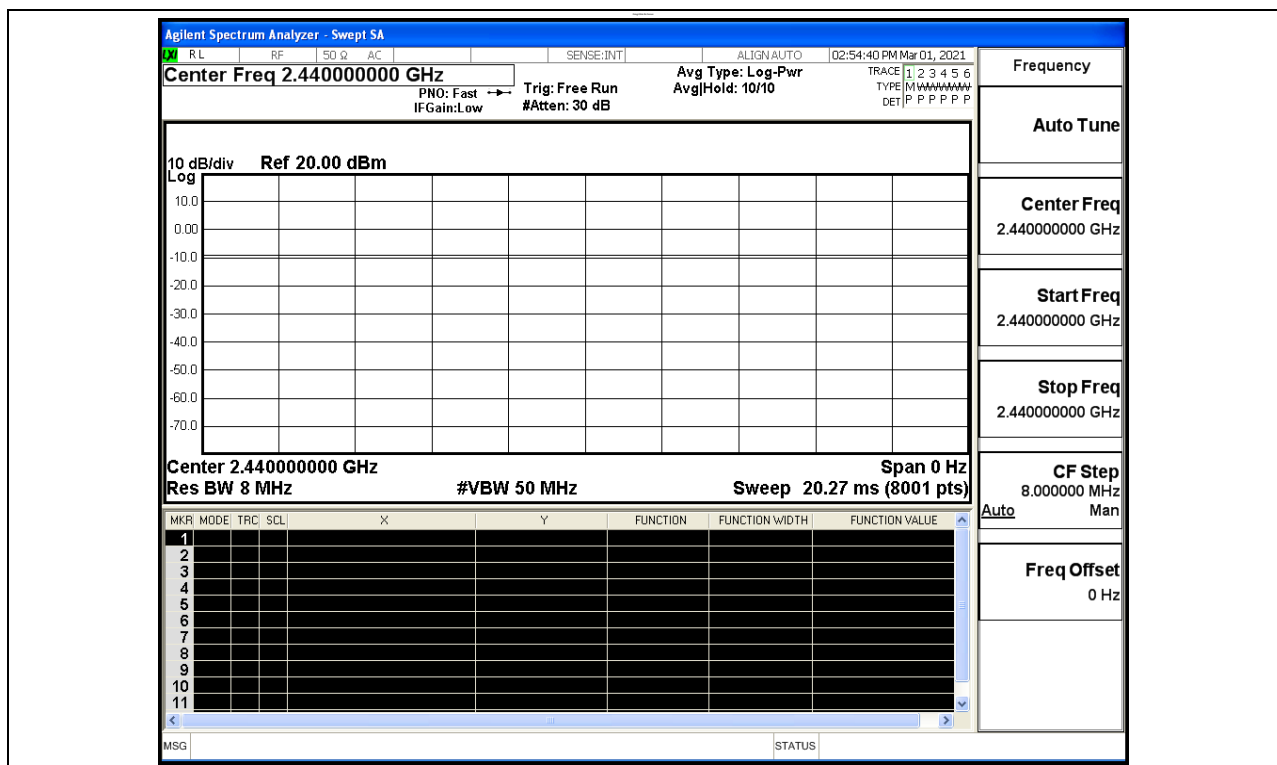
Appendix B
RF Test Data for BT LE V5.0(DTS) (Conducted Measurement)
Product Name: Wireless Keyboard
Trade Mark: Doking
Test Model: BD7603

Environmental Conditions

Temperature:	24.6 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

B.1 Duty Cycle

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

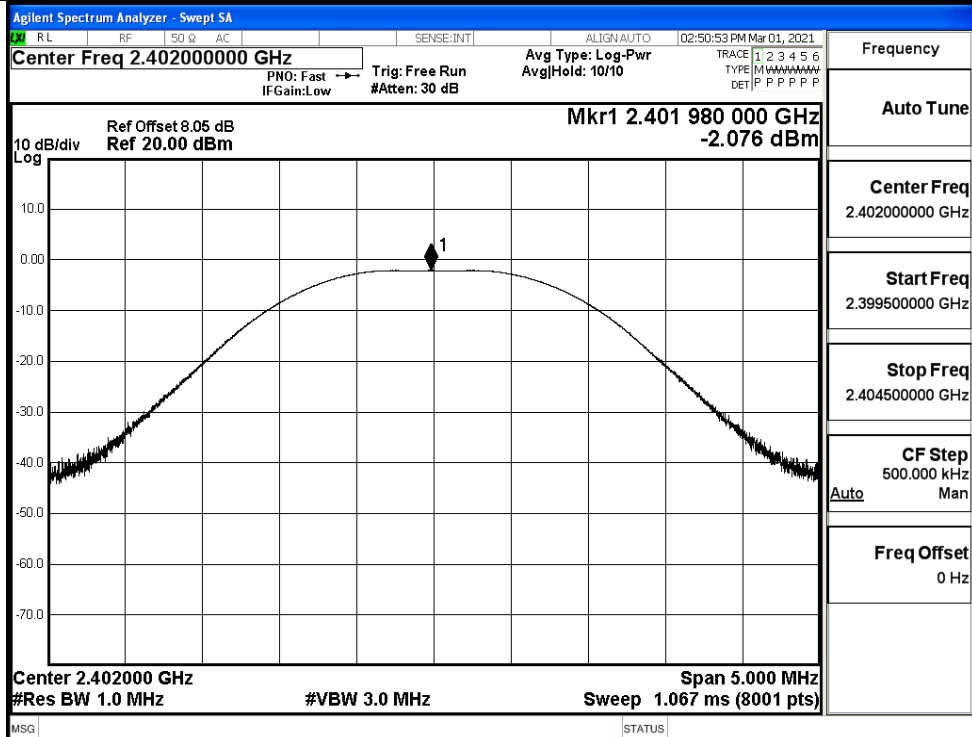


B.2 Maximum Conducted Peak Output Power

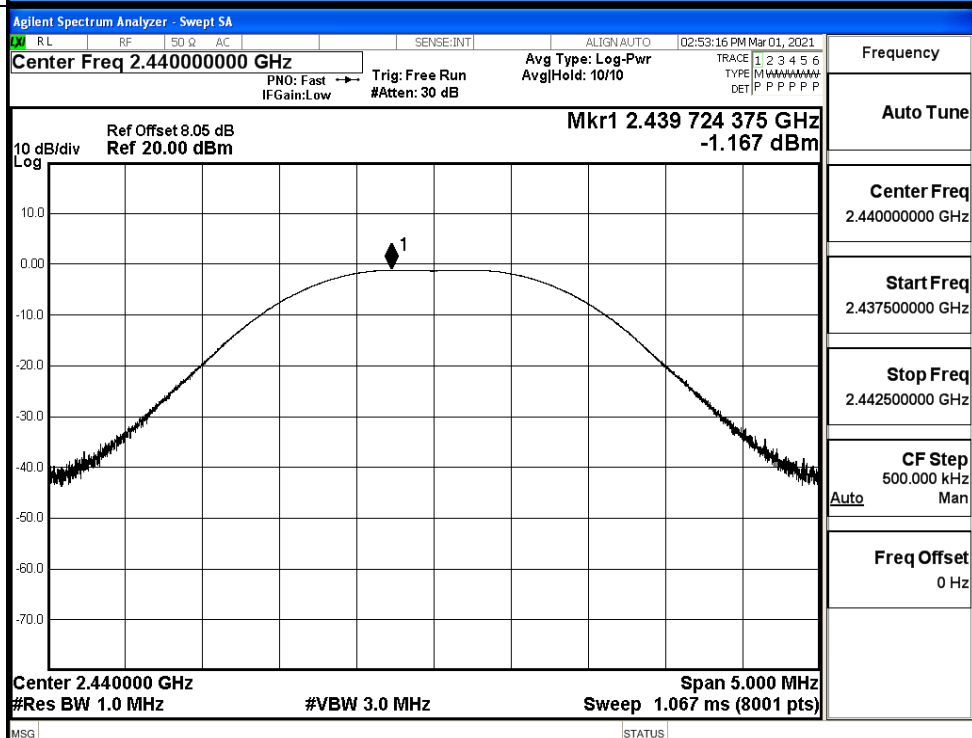
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.076	30	PASS
BT LE	MCH	-1.167	30	PASS
BT LE	HCH	-0.79	30	PASS

Test Graphs

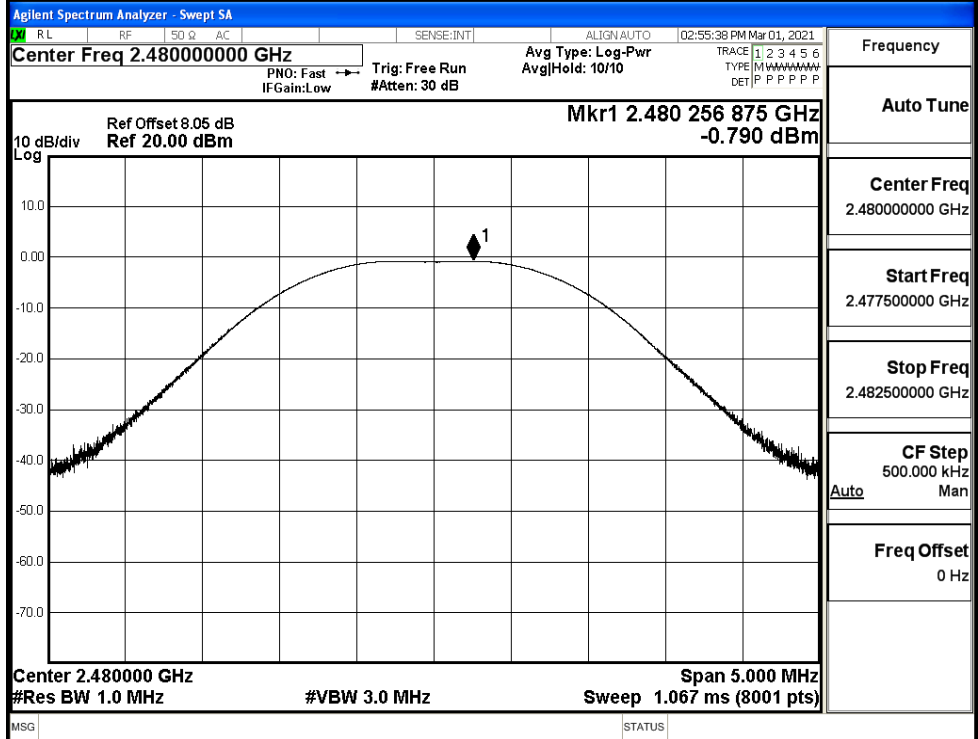
LCH



MCH

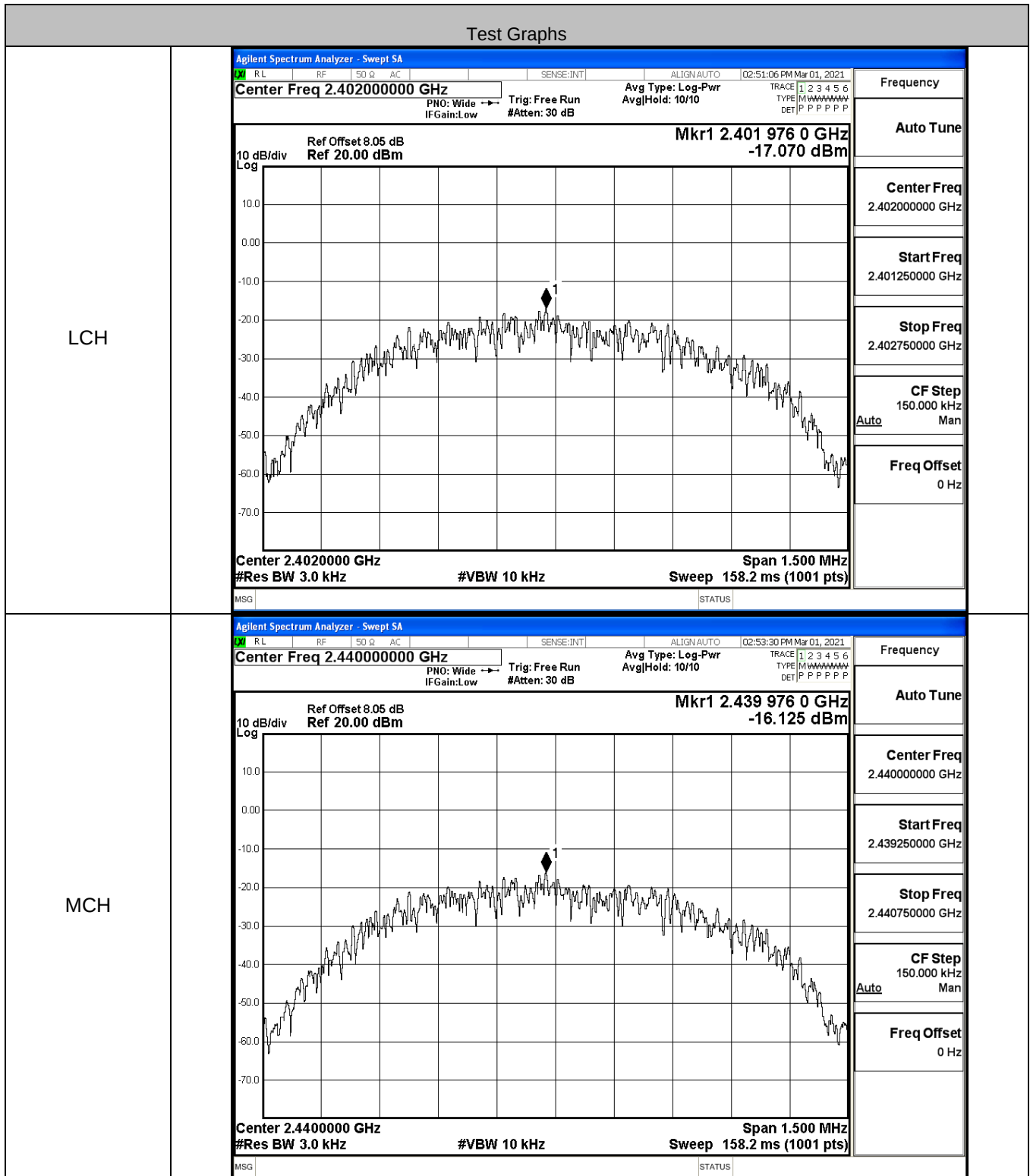


HCH

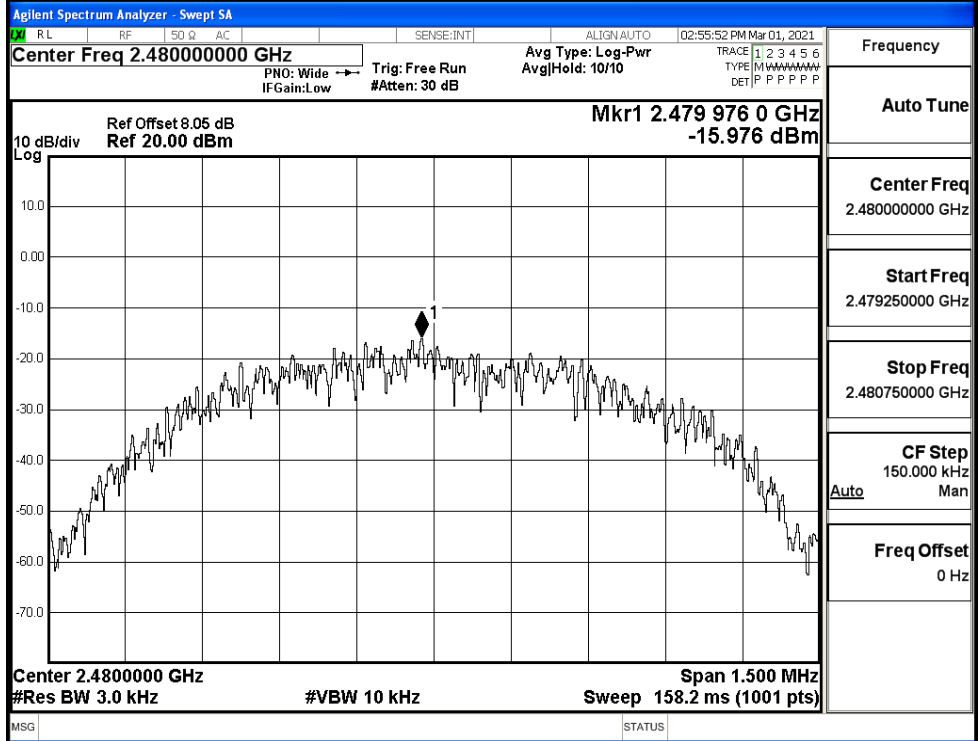


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-17.070	8	PASS
BT LE	MCH	-16.125	8	PASS
BT LE	HCH	-15.976	8	PASS



HCH

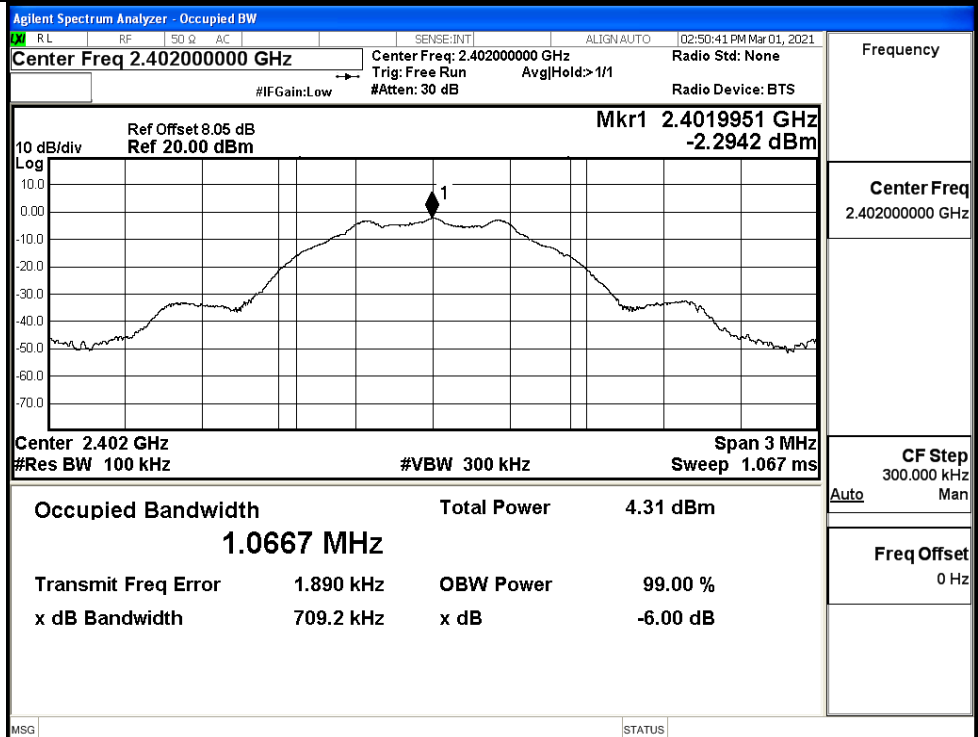


B.4 6dB Bandwidth

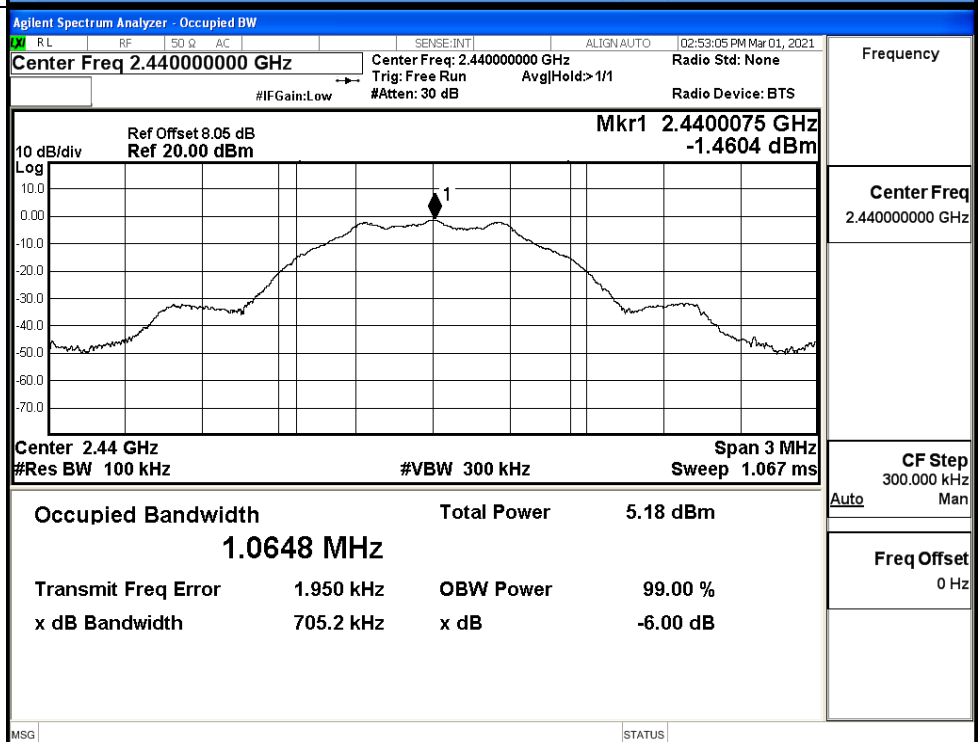
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7092	≥ 0.5	PASS
BT LE	MCH	0.7052	≥ 0.5	PASS
BT LE	HCH	0.7117	≥ 0.5	PASS

Test Graphs

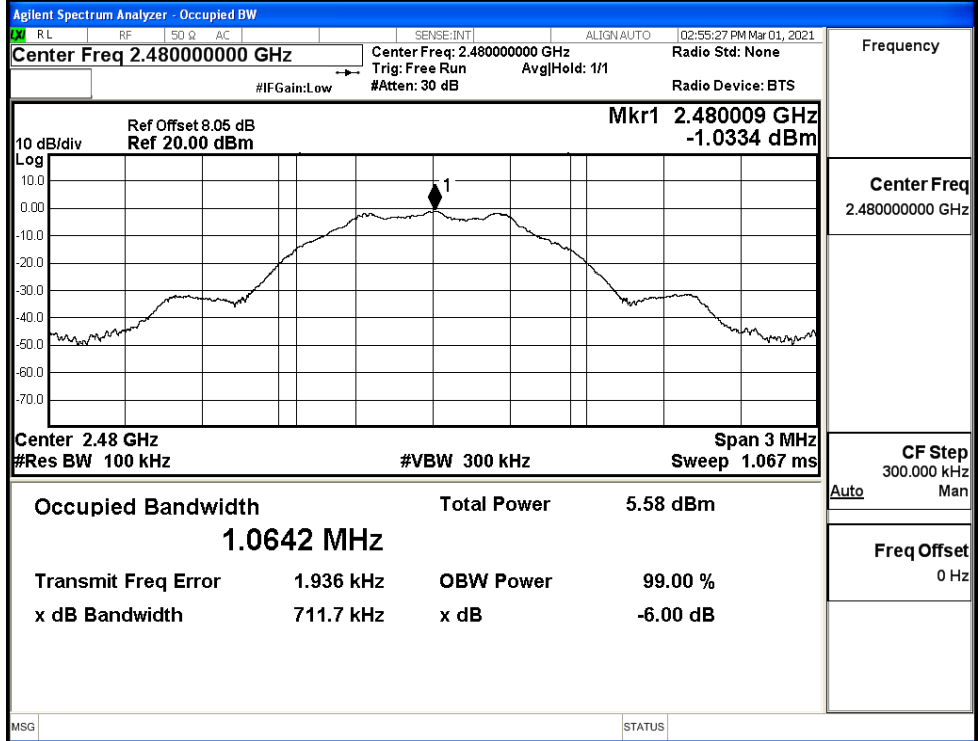
LCH



MCH

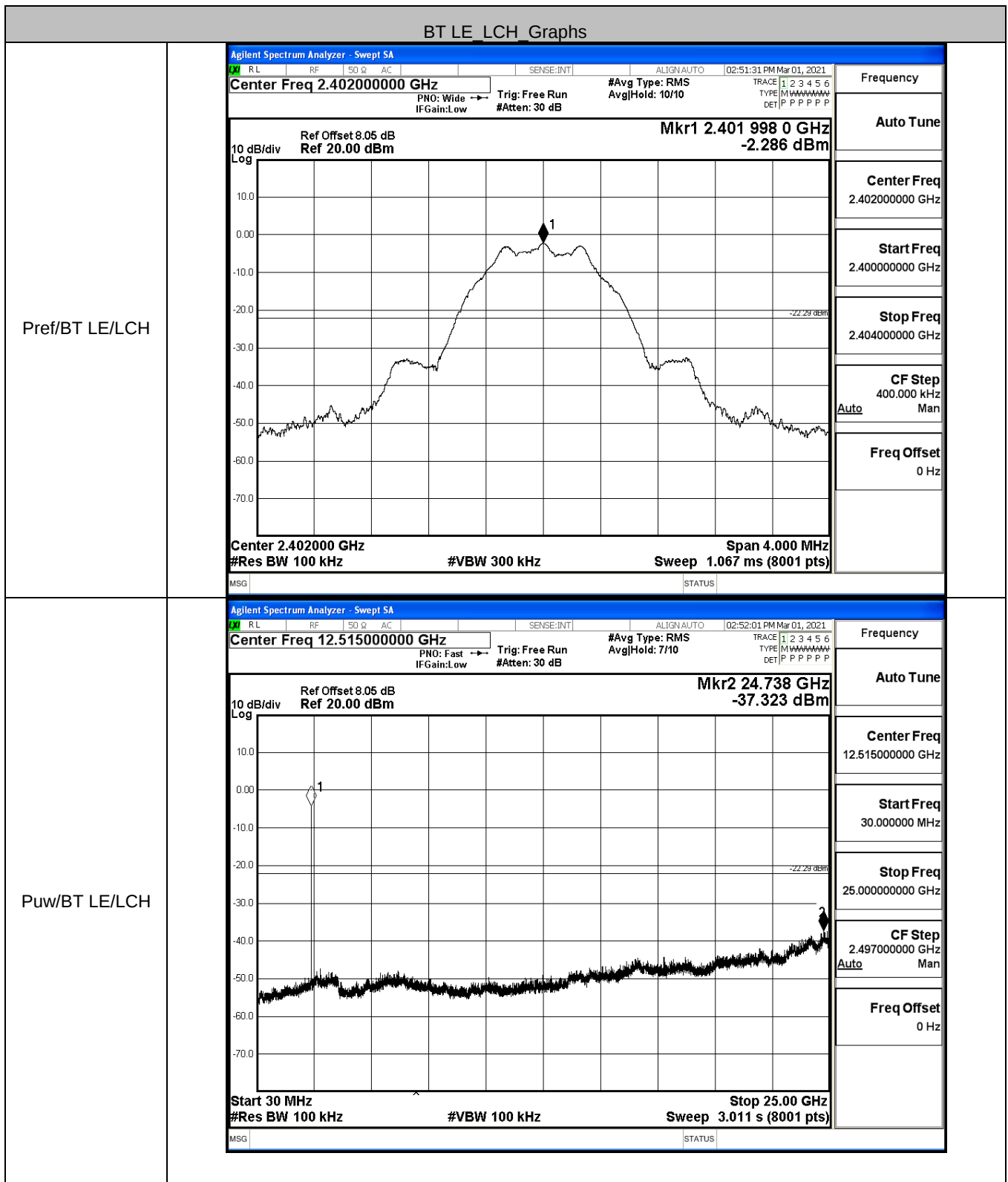


HCH



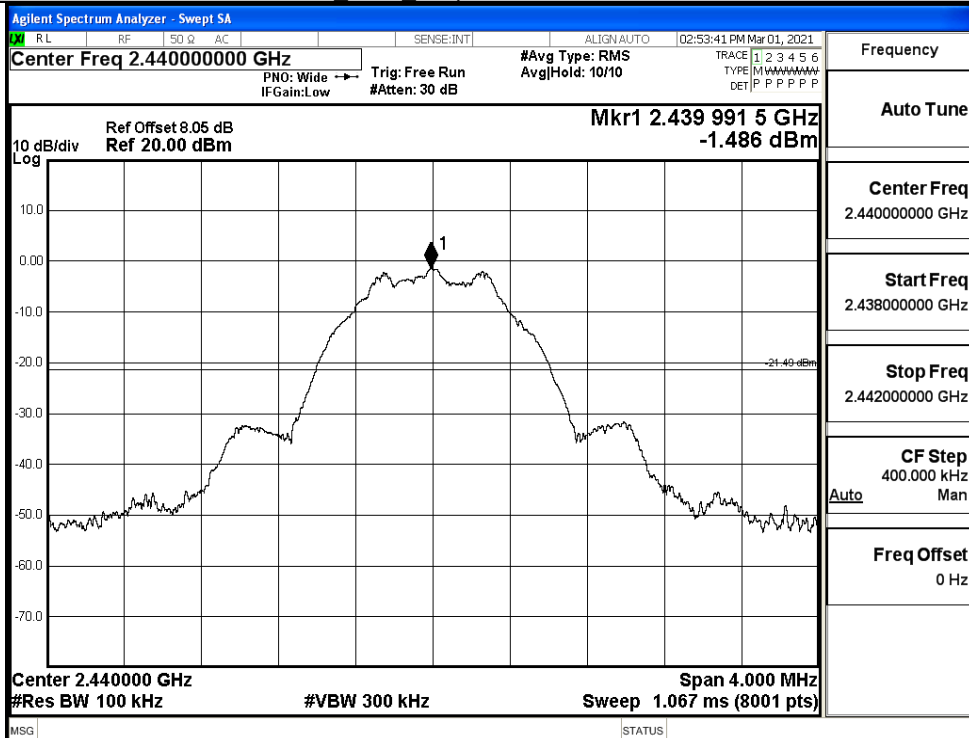
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.286	-37.323	-22.286	PASS
BT LE	MCH	-1.486	-37.900	-21.486	PASS
BT LE	HCH	-1.015	-37.610	-21.015	PASS

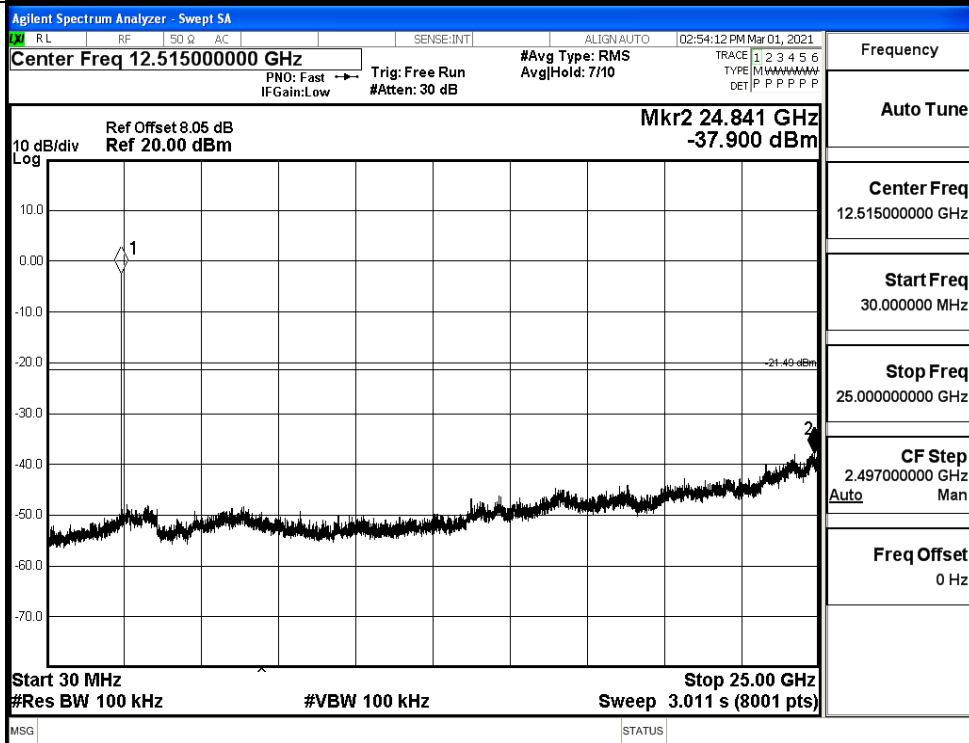


BT LE MCH Graphs

Pref/BT LE/MCH

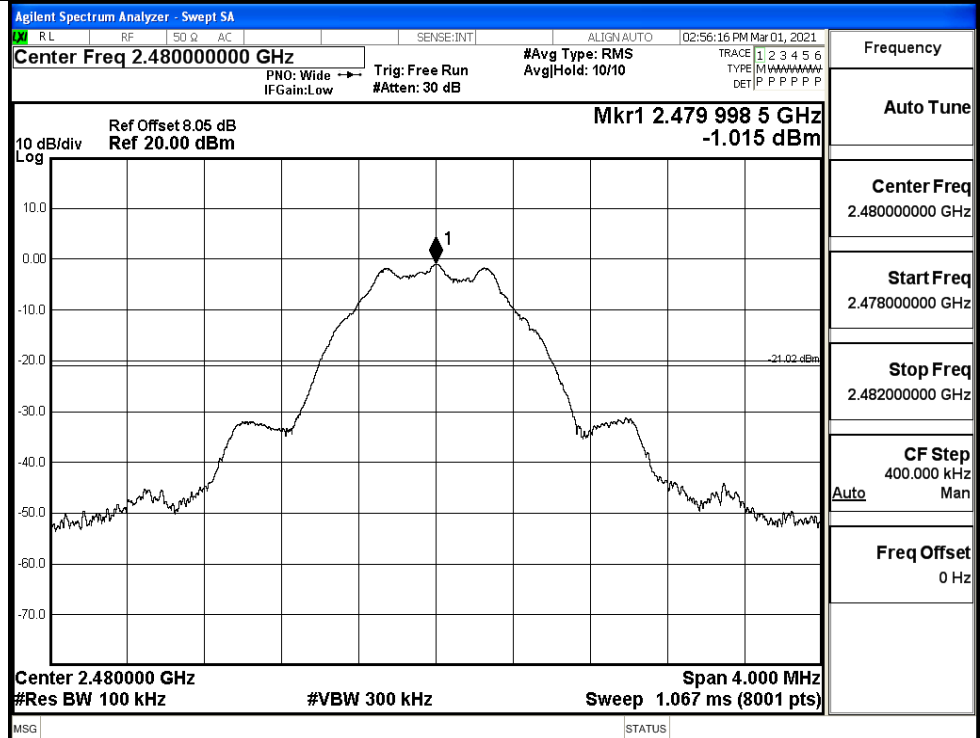


Puw/BT LE/MCH

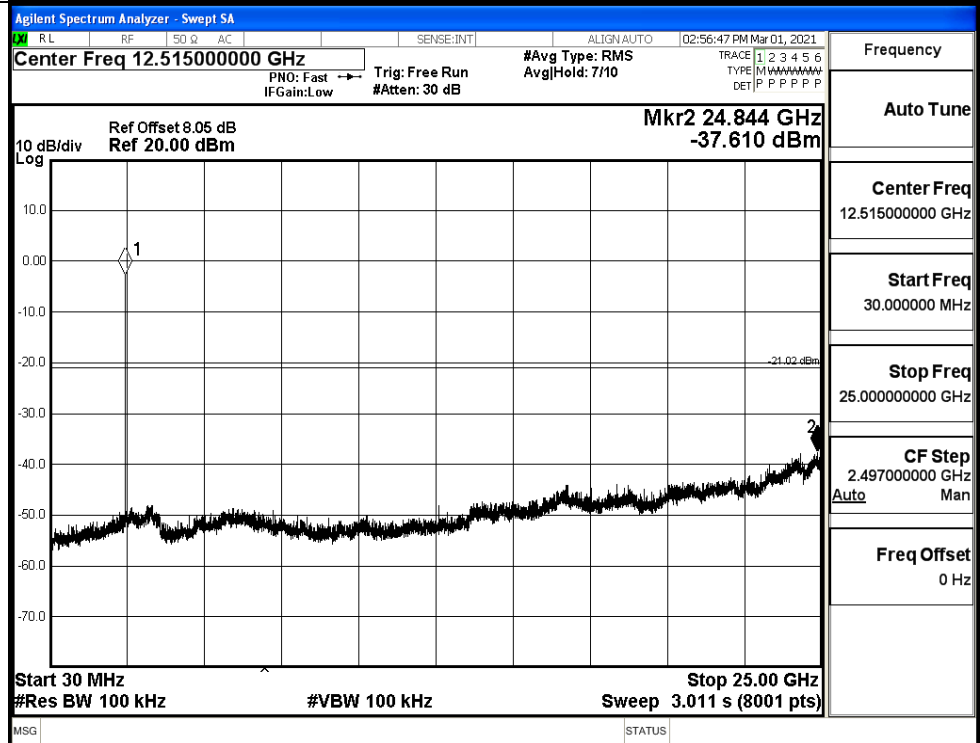


BT LE HCH Graphs

Pref/BT LE/HCH

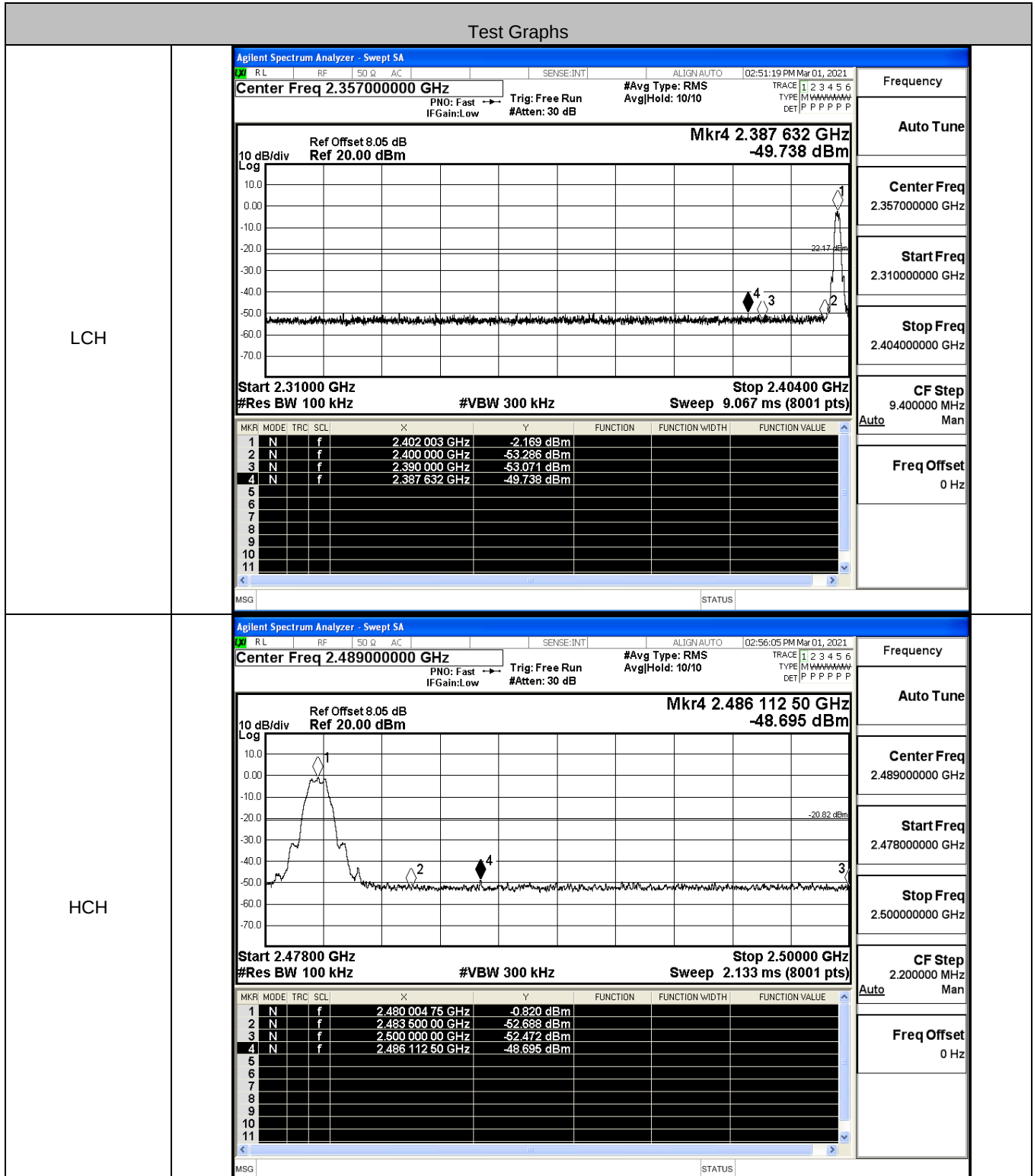


Puw/BT LE/HCH



B.6 Band-edge for RF Conducted Emissions

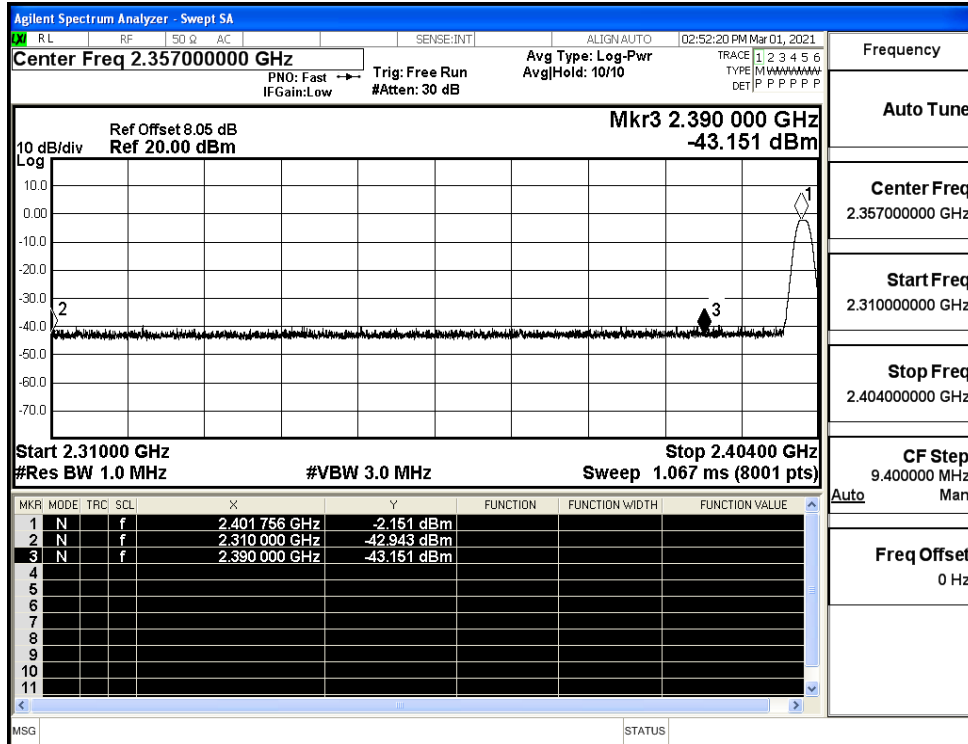
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.169	-49.738	-22.17	PASS
BT LE	HCH	-0.820	-48.695	-20.82	PASS



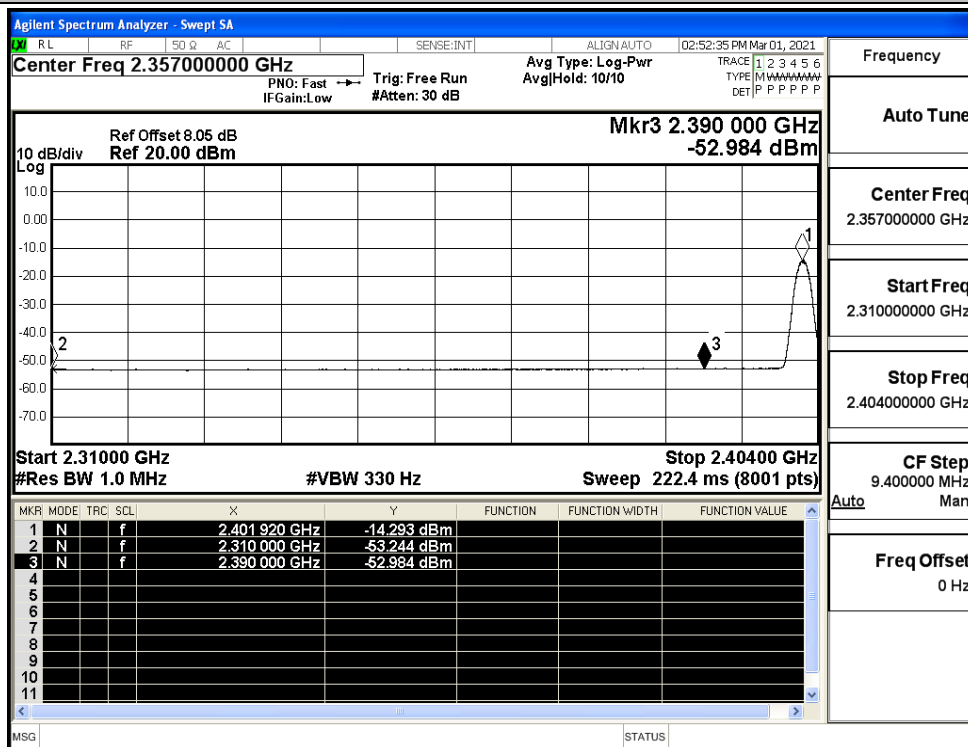
B.7 Restrict-band band-edge measurements

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	-42.94	2.75	0	55.04	PEAK	74	PASS
		Ant1	2310.0	-53.24	2.75	0	44.74	AV	54	PASS
		Ant1	2390.0	-43.15	2.75	0	54.83	PEAK	74	PASS
		Ant1	2390.0	-52.98	2.75	0	45.00	AV	54	PASS
	2480	Ant1	2483.5	-41.64	2.75	0	56.34	PEAK	74	PASS
		Ant1	2483.5	-52.46	2.75	0	45.52	AV	54	PASS
		Ant1	2500.0	-41.77	2.75	0	56.21	PEAK	74	PASS
		Ant1	2500.0	-52.37	2.75	0	45.61	AV	54	PASS

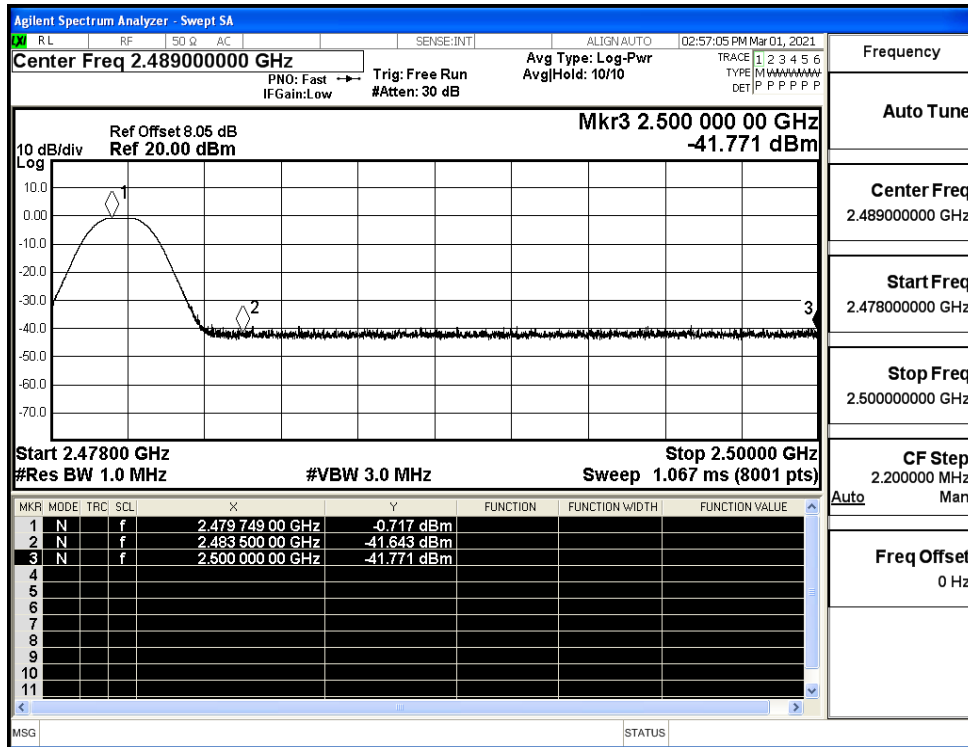
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

