



Appendix B

RF Test Data for BT LE V5.0(DTS) (Conducted Measurement)

Product Name: Elevoc Clear

Trade Mark: ELEVOC

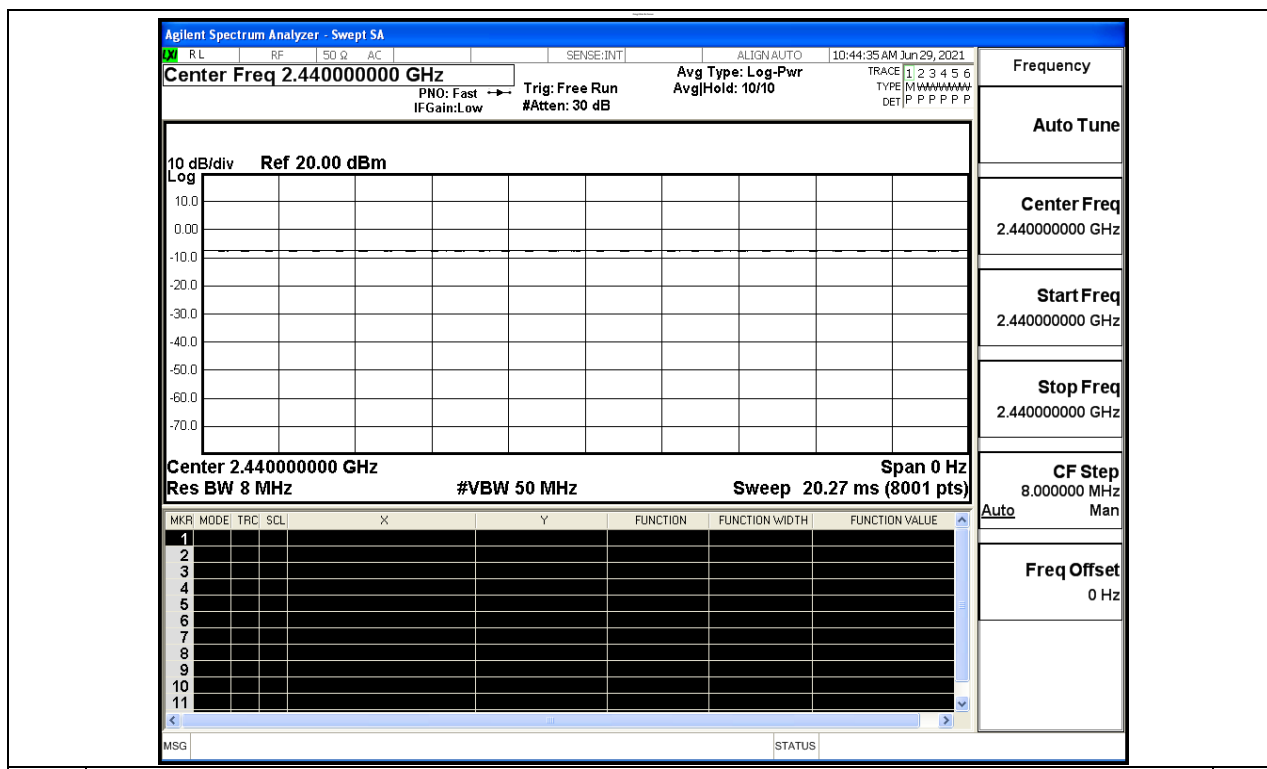
Test Model: Elevoc Clear Black

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

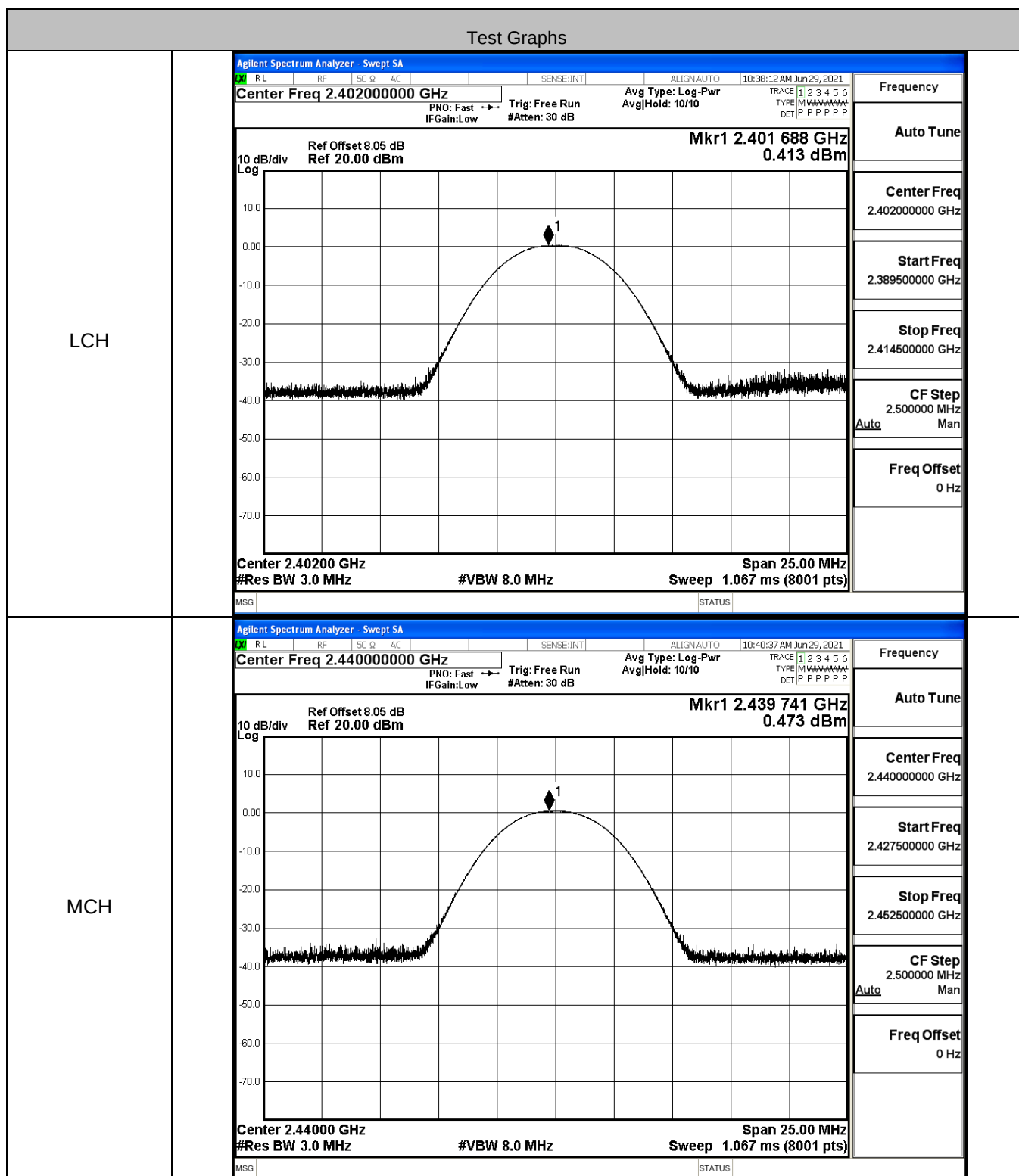
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS

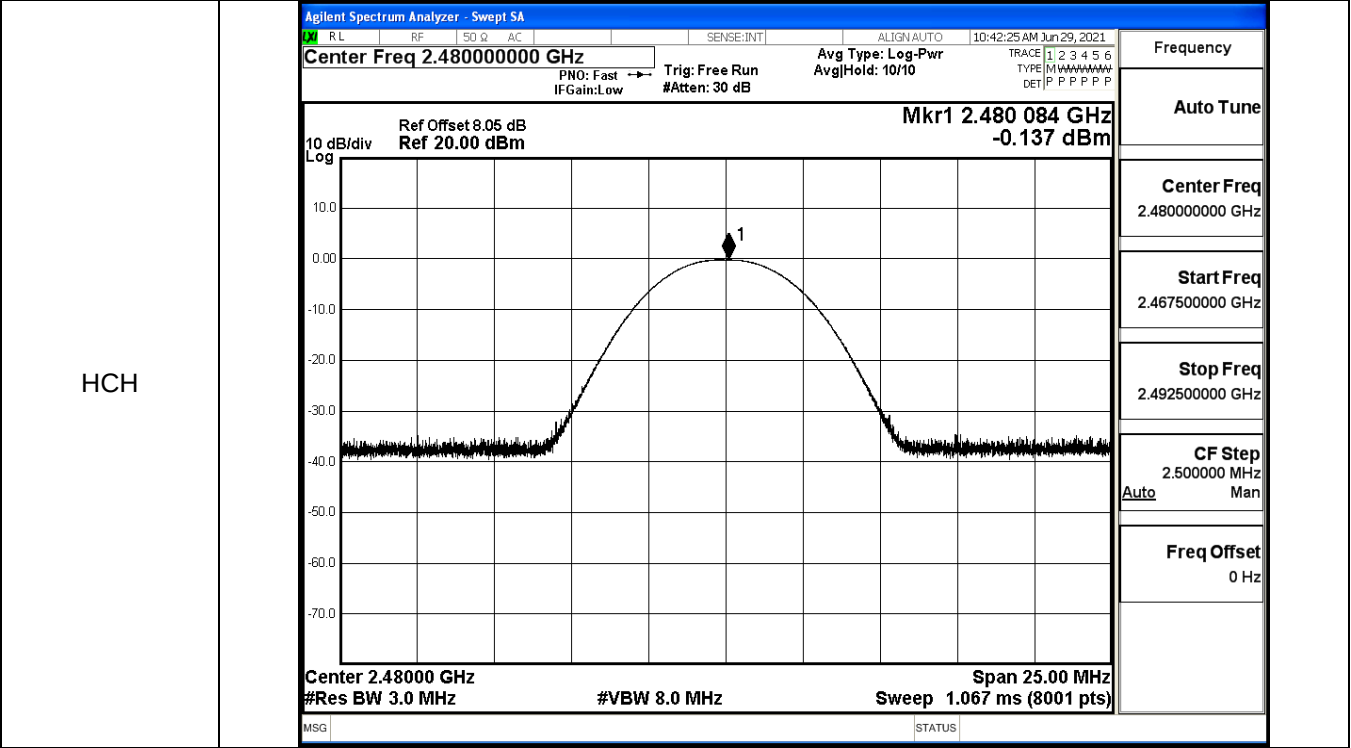




B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.413	30	PASS
BT LE	MCH	0.473	30	PASS
BT LE	HCH	-0.137	30	PASS

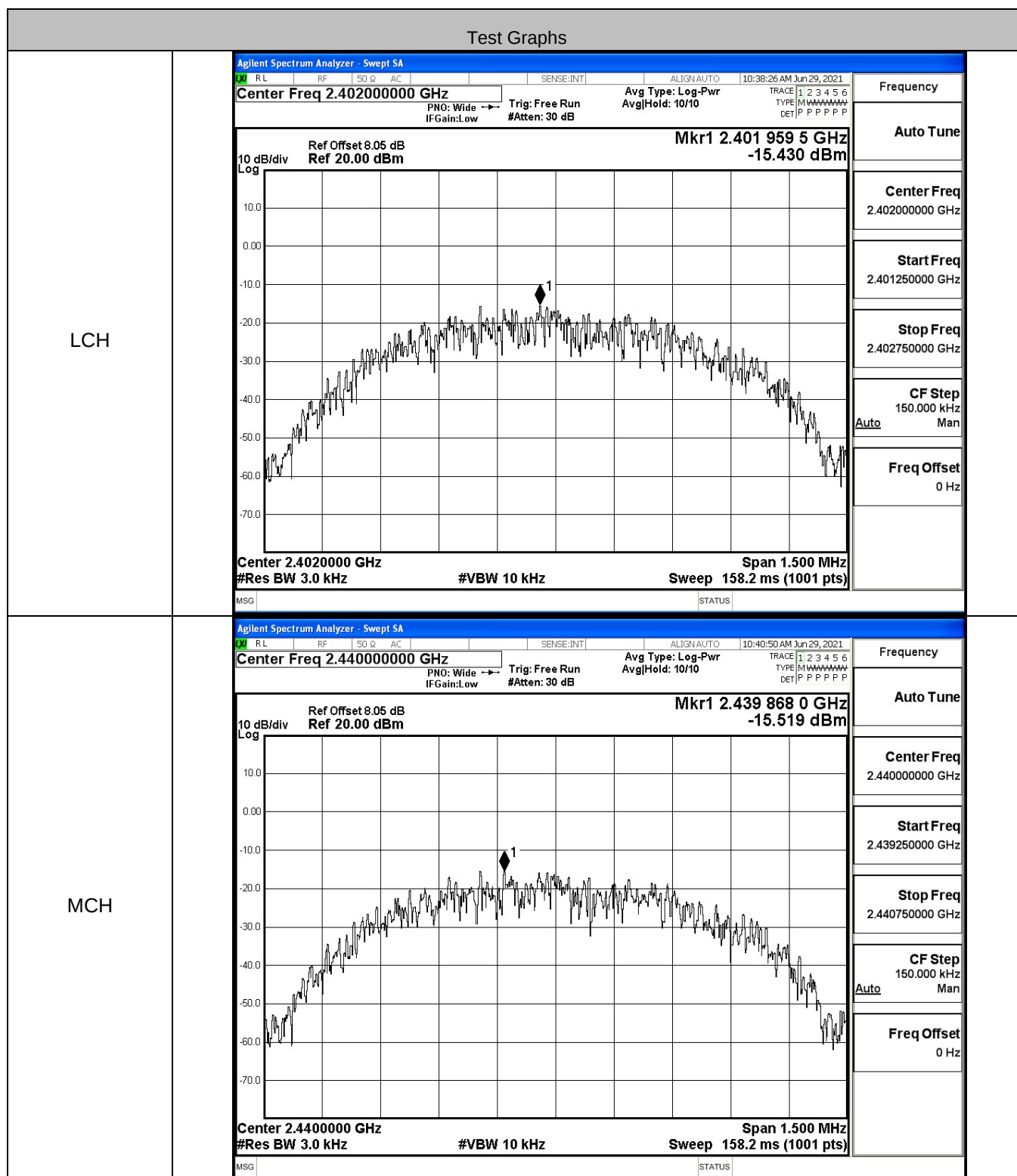






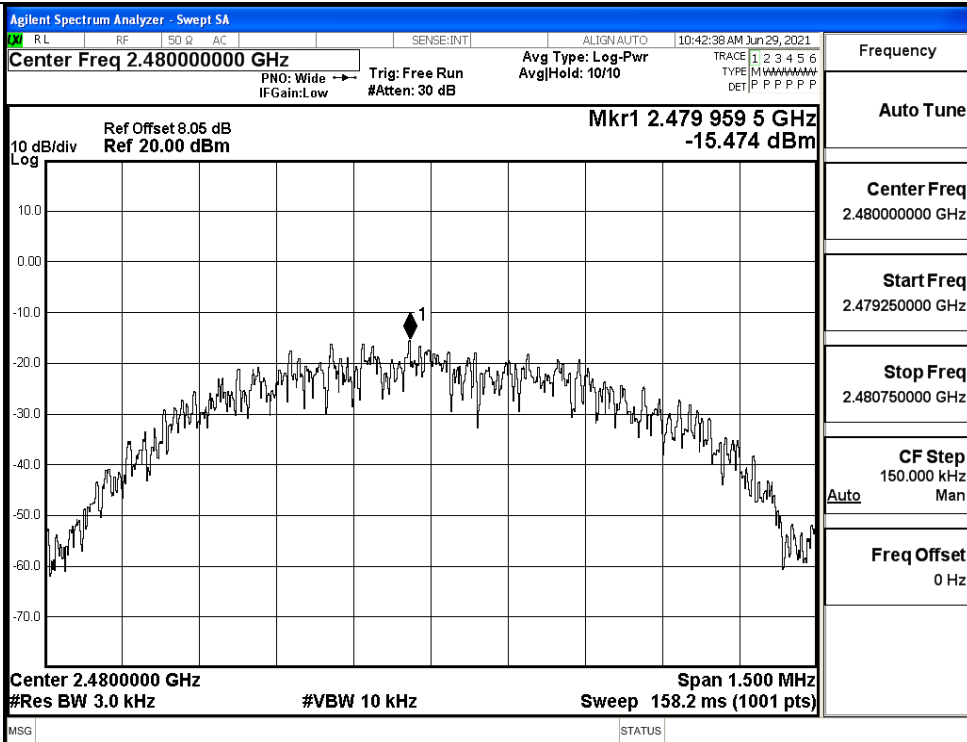
B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-15.430	8	PASS
BT LE	MCH	-15.519	8	PASS
BT LE	HCH	-15.474	8	PASS





HCH



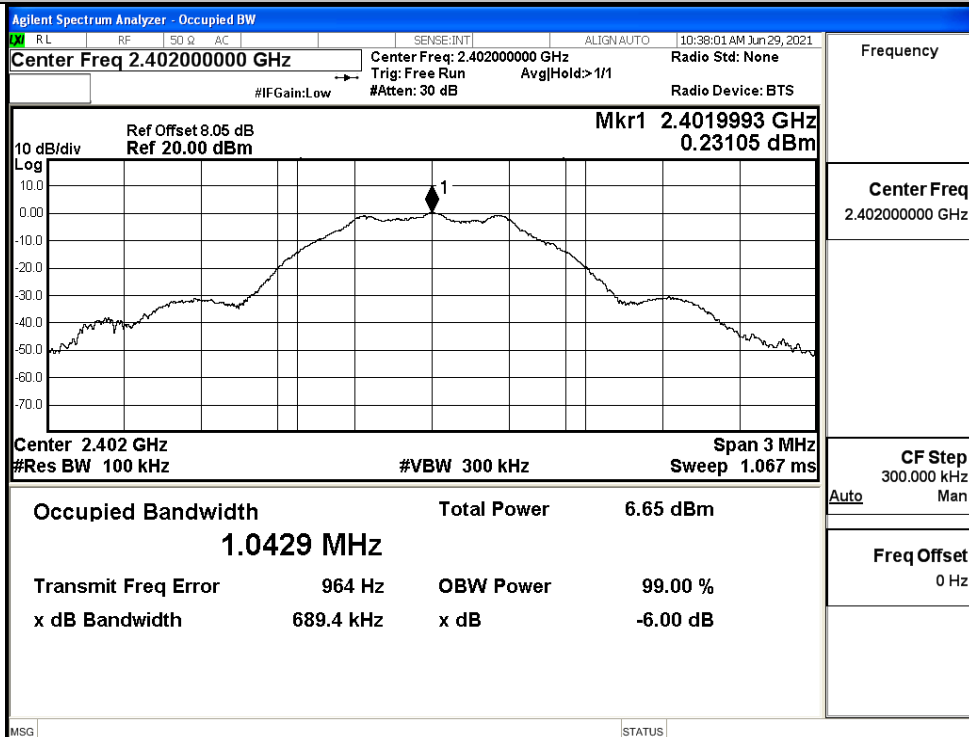


B.4 6dB Bandwidth

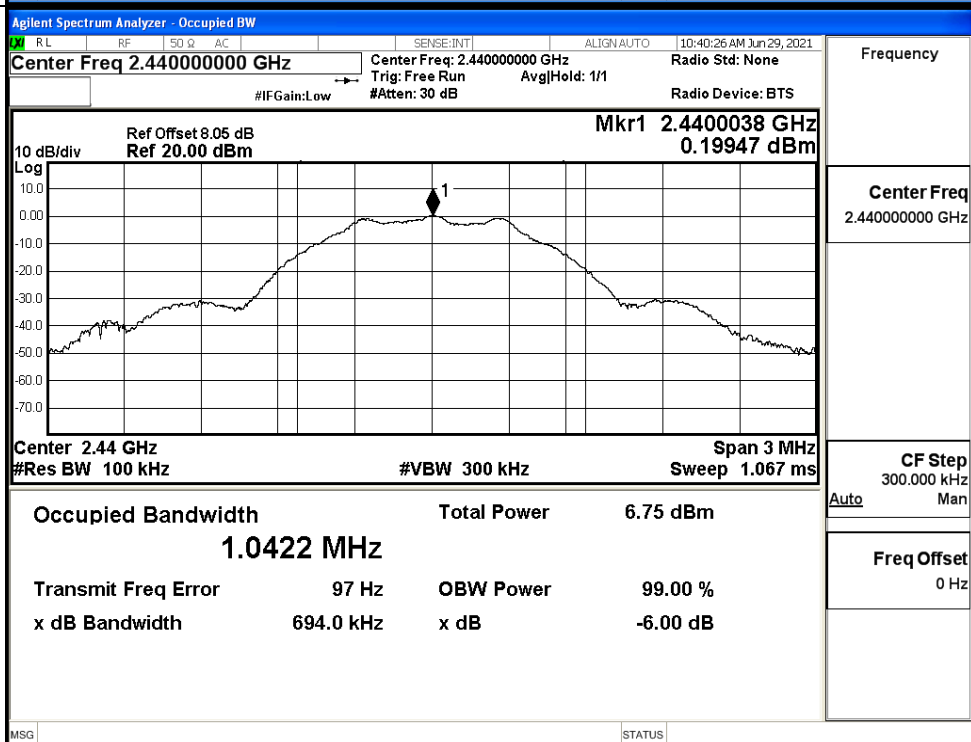
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6894	≥ 0.5	PASS
BT LE	MCH	0.6940	≥ 0.5	PASS
BT LE	HCH	0.7023	≥ 0.5	PASS

Test Graphs

LCH

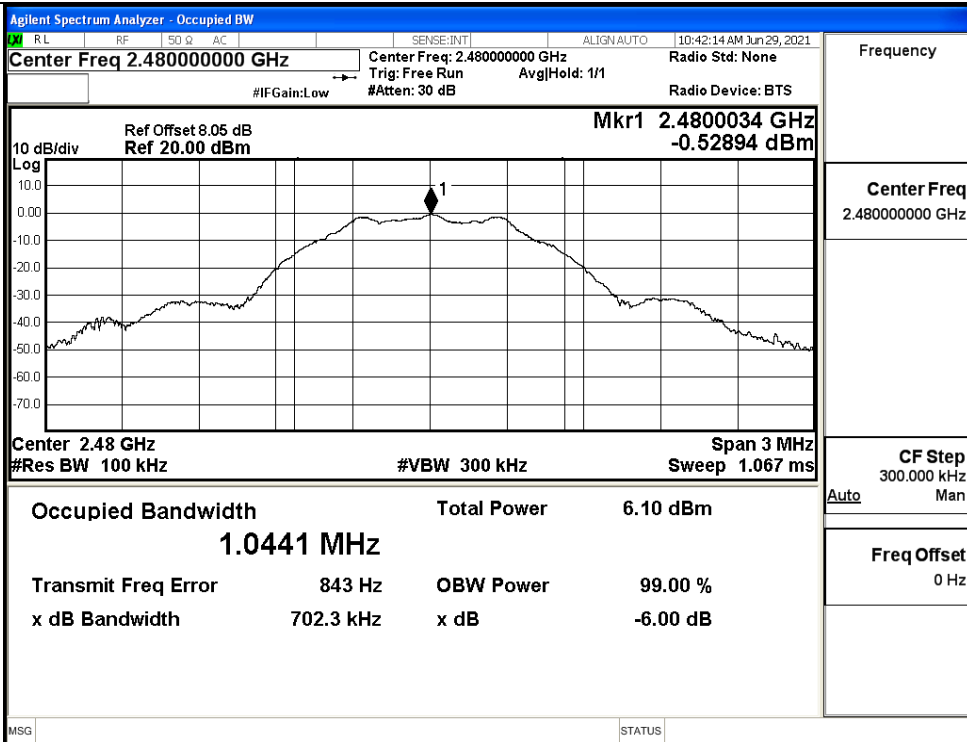


MCH





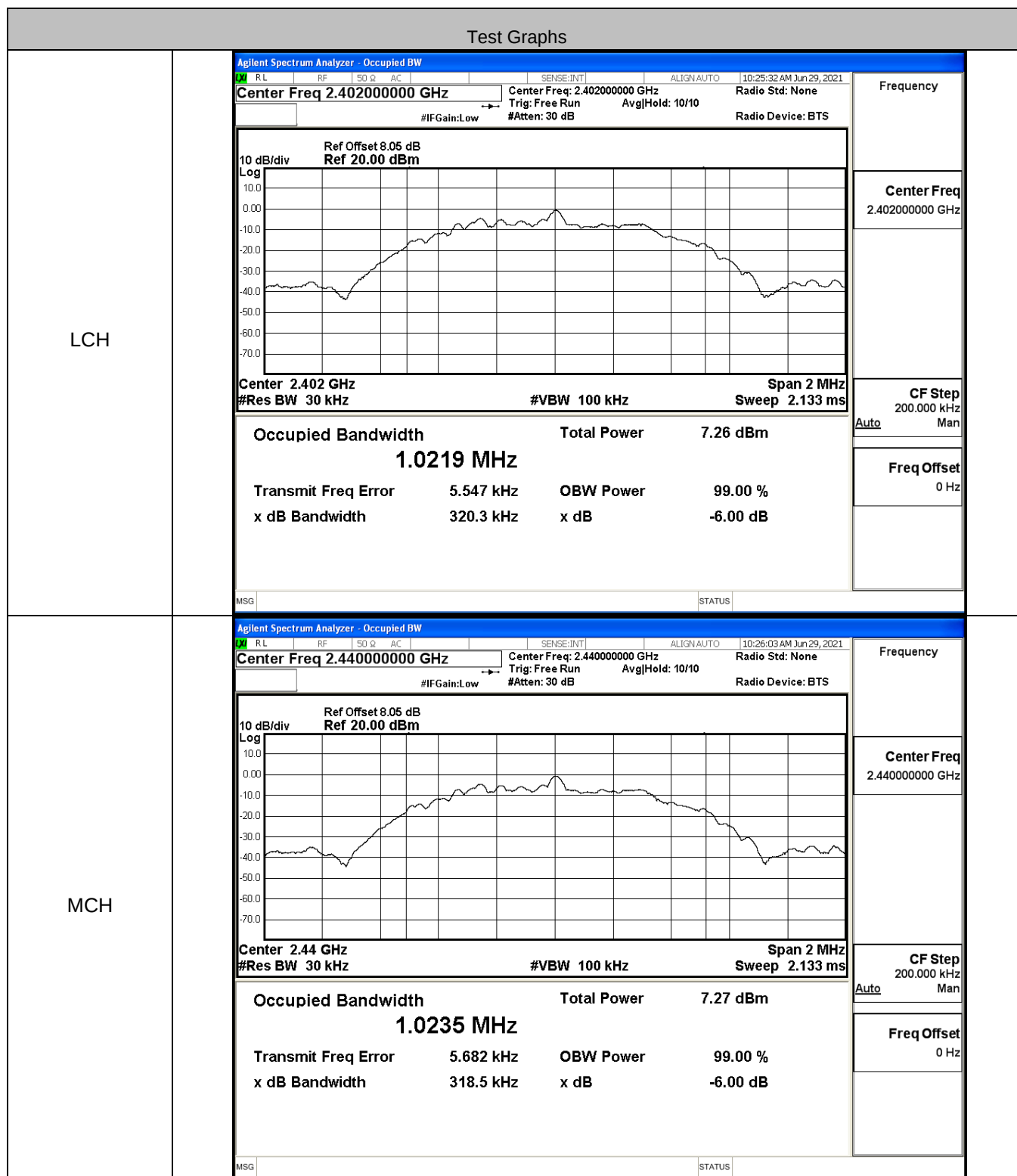
HCH





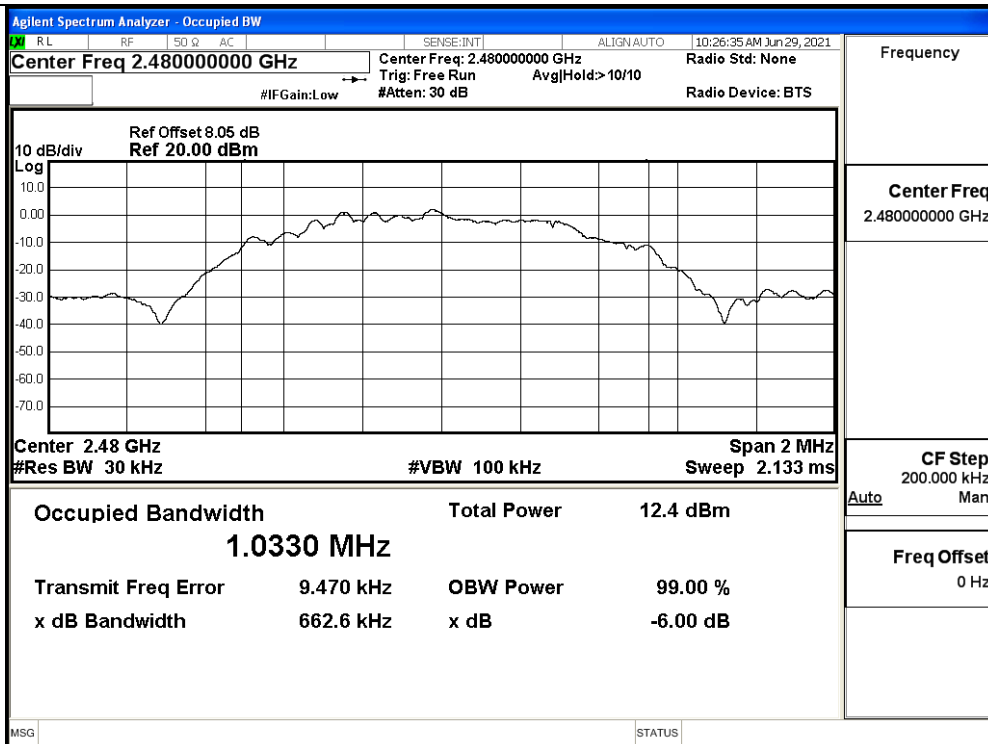
B.5 Occupied Bandwidth

Mode	Channel	Occupied Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	1.0219	≥ 0.5	PASS
BT LE	MCH	1.0235	≥ 0.5	PASS
BT LE	HCH	1.0330	≥ 0.5	PASS





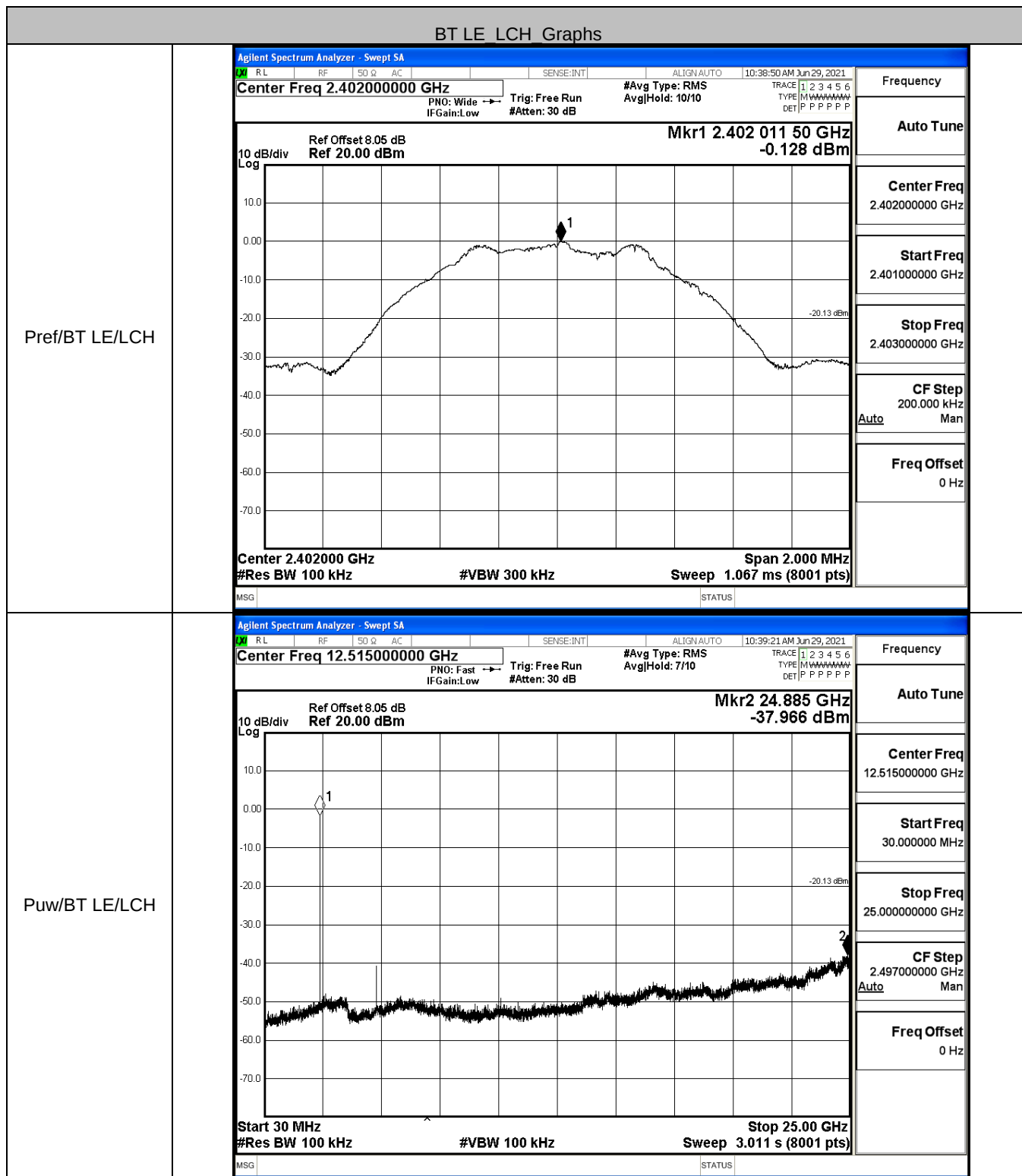
HCH





B.6 RF Conducted Spurious Emissions

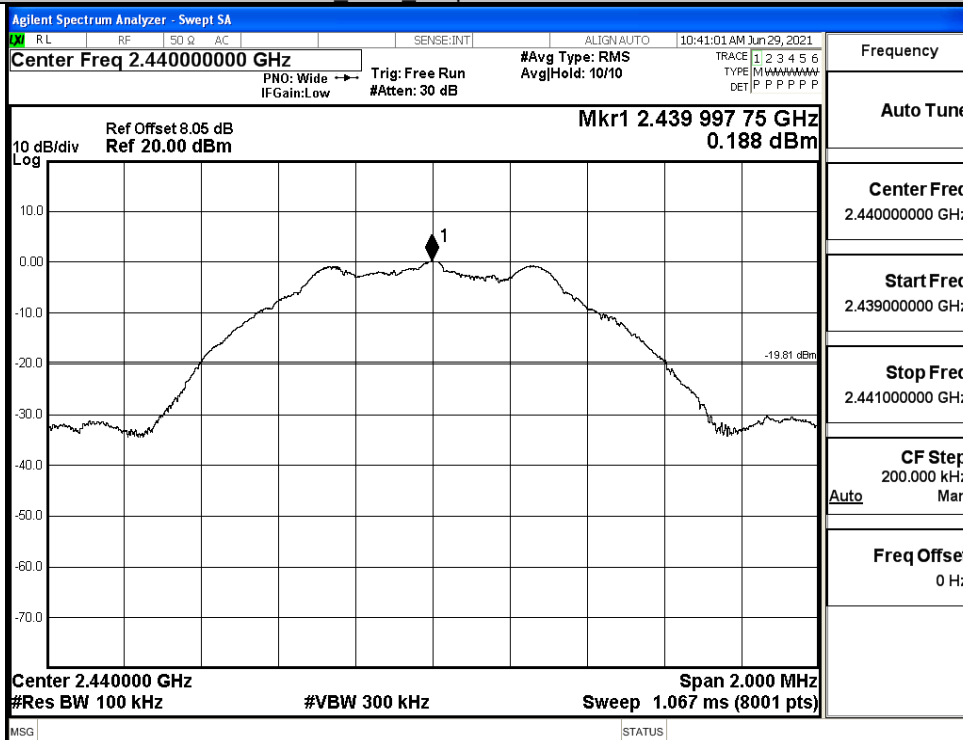
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.128	-37.966	-20.128	PASS
BT LE	MCH	0.188	-38.011	-19.812	PASS
BT LE	HCH	-0.564	-37.668	-20.564	PASS



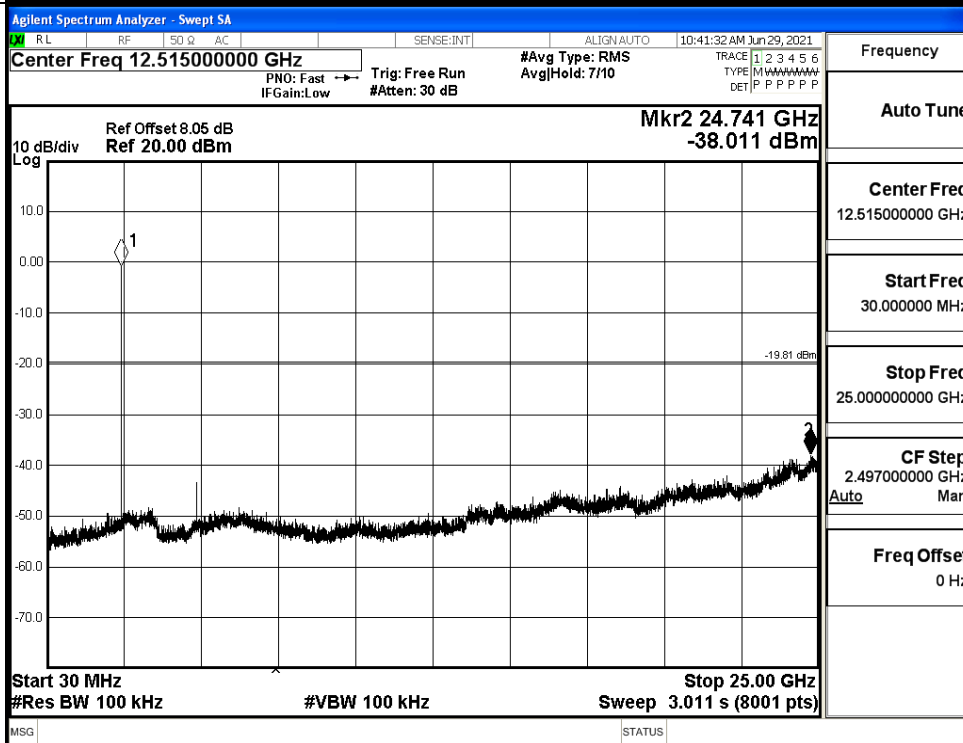


BT LE MCH Graphs

Pref/BT LE/MCH



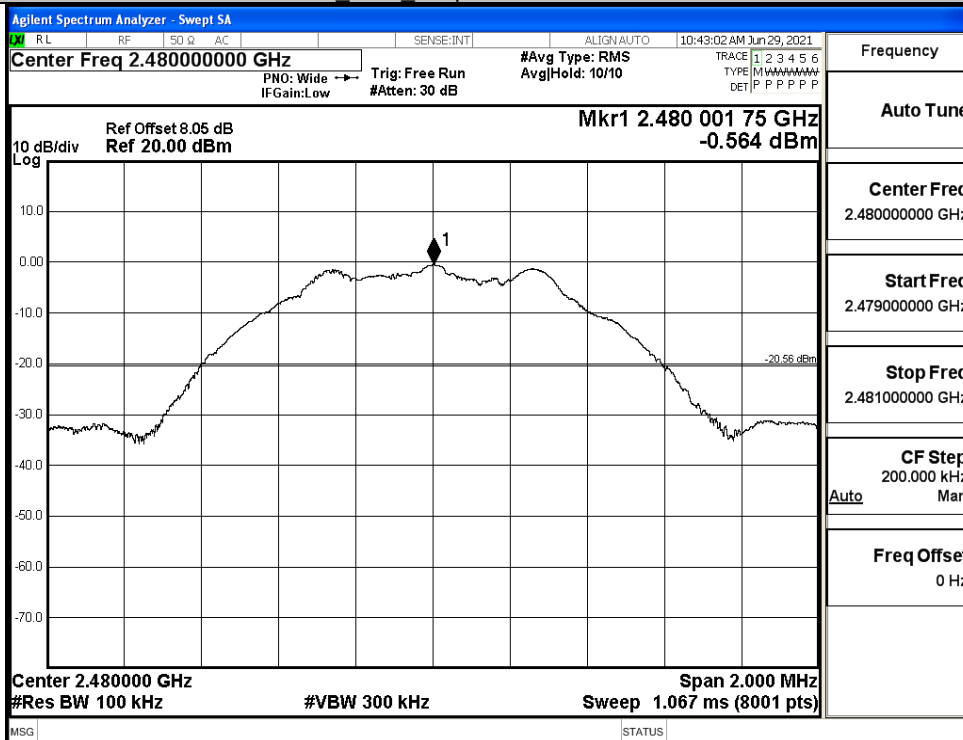
Puw/BT LE/MCH





BT LE HCH Graphs

Pref/BT LE/HCH



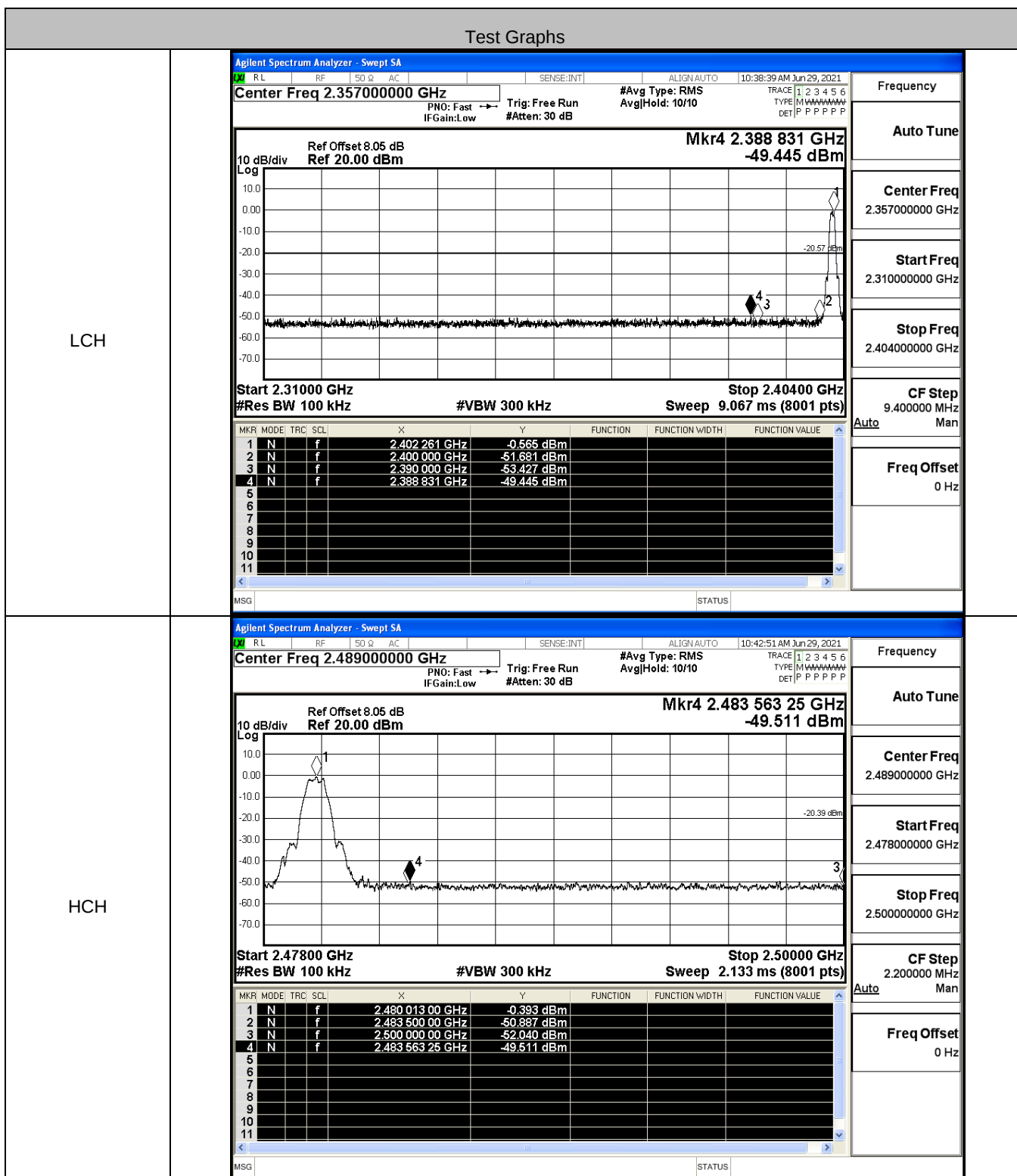
Puw/BT LE/HCH





B.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.565	-49.445	-20.57	PASS
BT LE	HCH	-0.393	-49.511	-20.39	PASS



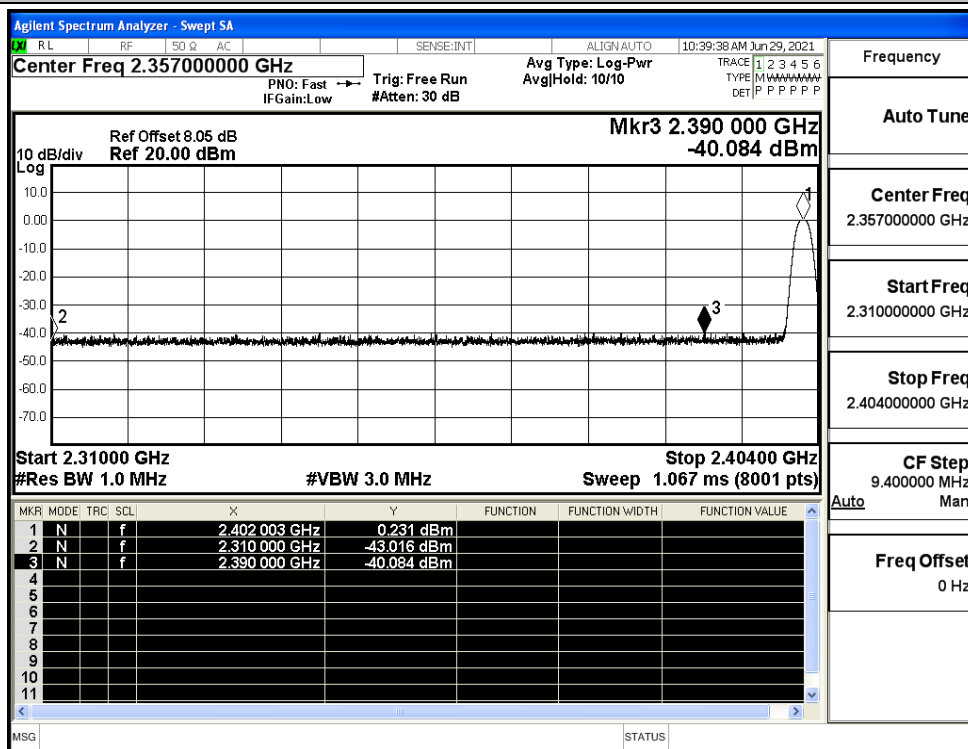


B.8 Restrict-band band-edge measurements

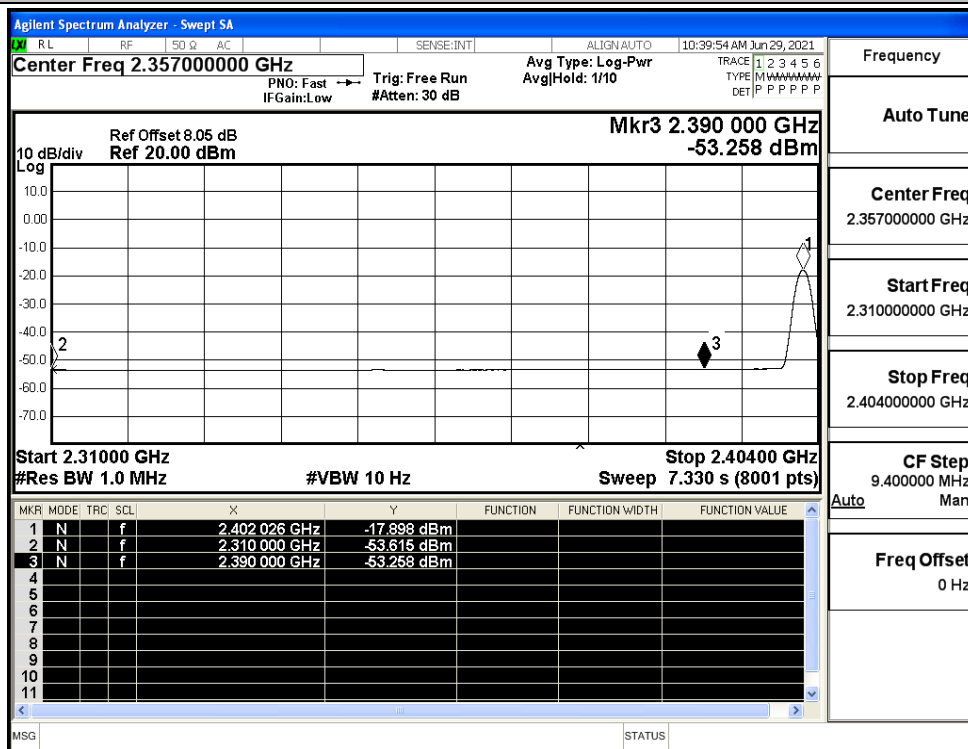
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
BT LE	2402	Ant1	2310.0	-43.02	2.0	0	54.24	PEAK	74	PASS
		Ant1	2310.0	-53.62	2.0	0	43.64	AV	54	PASS
		Ant1	2390.0	-40.08	2.0	0	57.17	PEAK	74	PASS
		Ant1	2390.0	-53.26	2.0	0	44.00	AV	54	PASS
	2480	Ant1	2483.5	-42.25	2.0	0	55.00	PEAK	74	PASS
		Ant1	2483.5	-52.72	2.0	0	44.54	AV	54	PASS
		Ant1	2500.0	-41.60	2.0	0	55.66	PEAK	74	PASS
		Ant1	2500.0	-52.61	2.0	0	44.64	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK

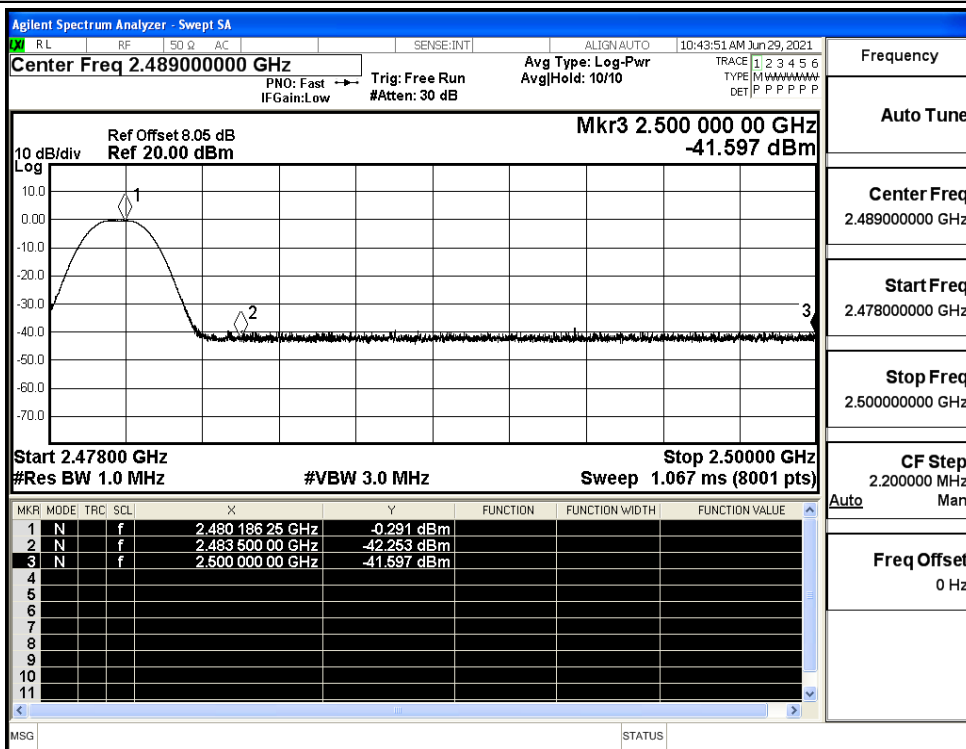


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV





Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

