



Appendix A

RF Test Data for 2.4G (Conducted Measurement)

Product Name: TV Wireless Headphones

Trade Mark: NVONS

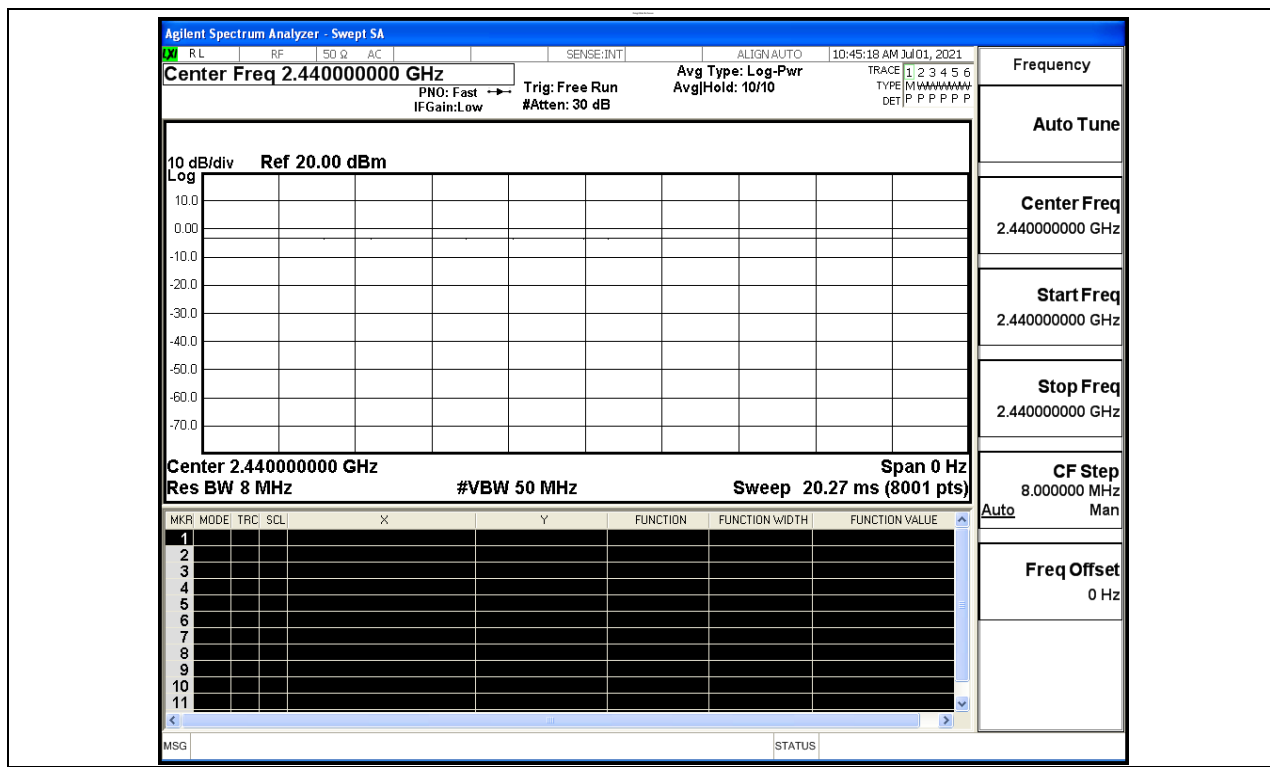
Test Model: h-RF811

Environmental Conditions

Temperature:	24.2° C
Relative Humidity:	57.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

A.1 Duty Cycle

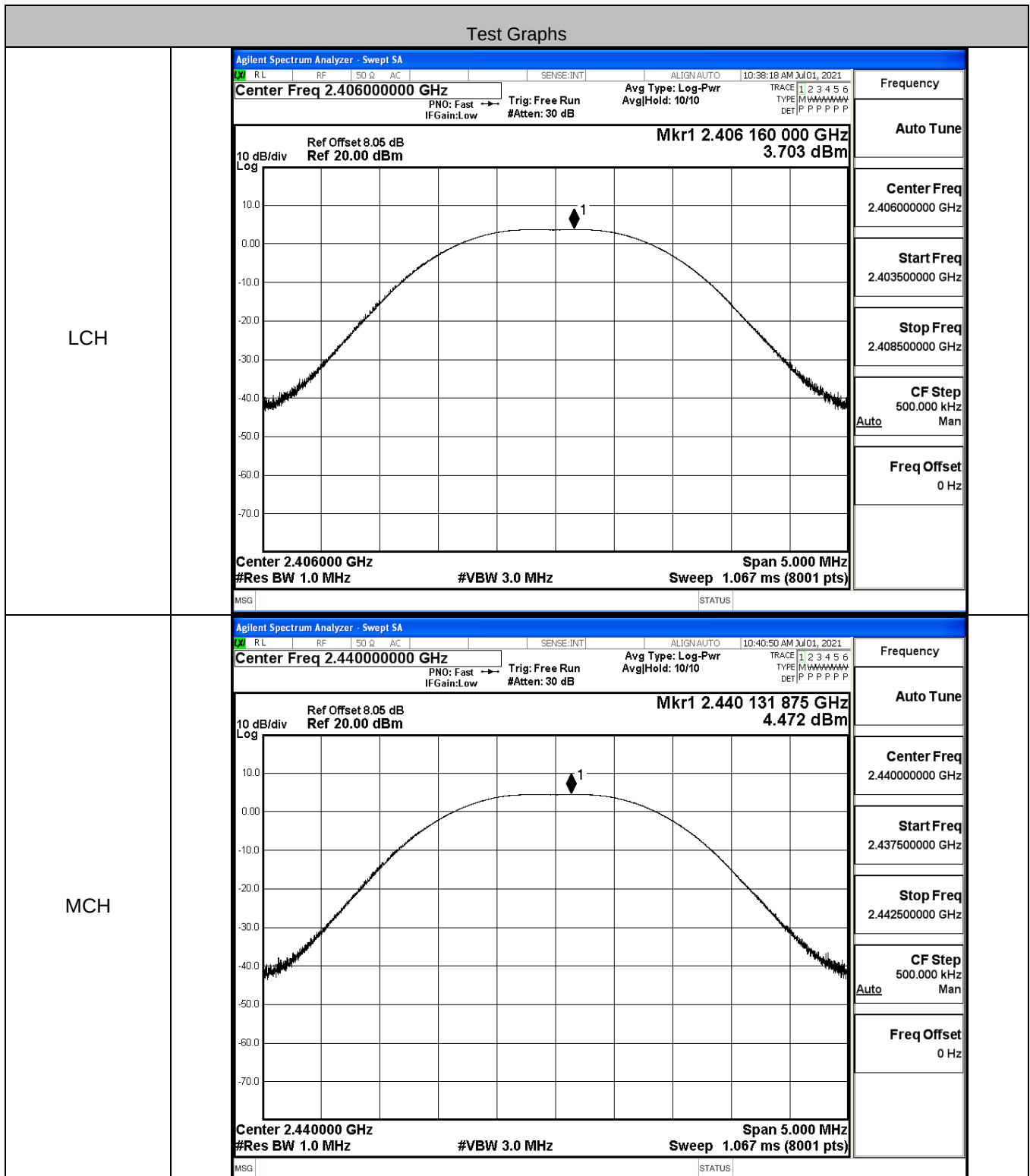
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
2.4G	2440	Ant1	100	PASS

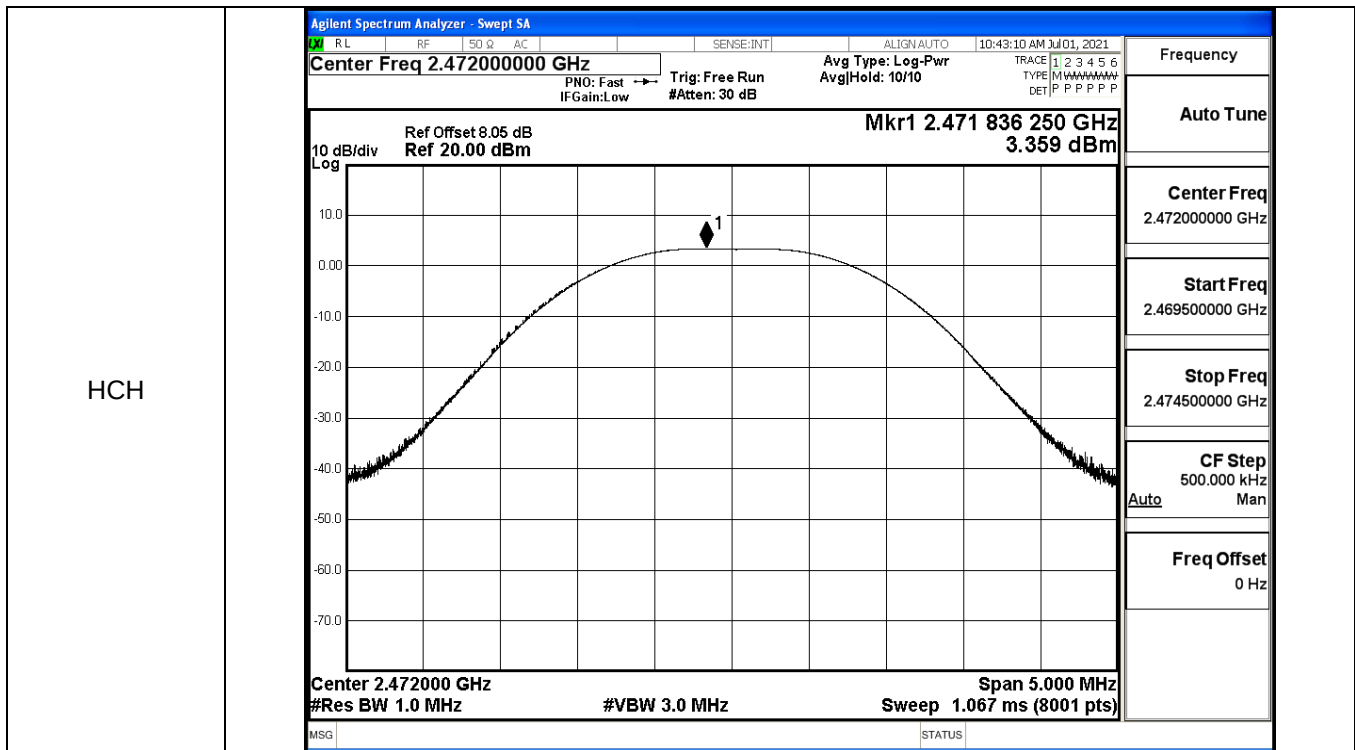




A.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
2.4G	LCH	3.703	30	PASS
2.4G	MCH	4.472	30	PASS
2.4G	HCH	3.359	30	PASS

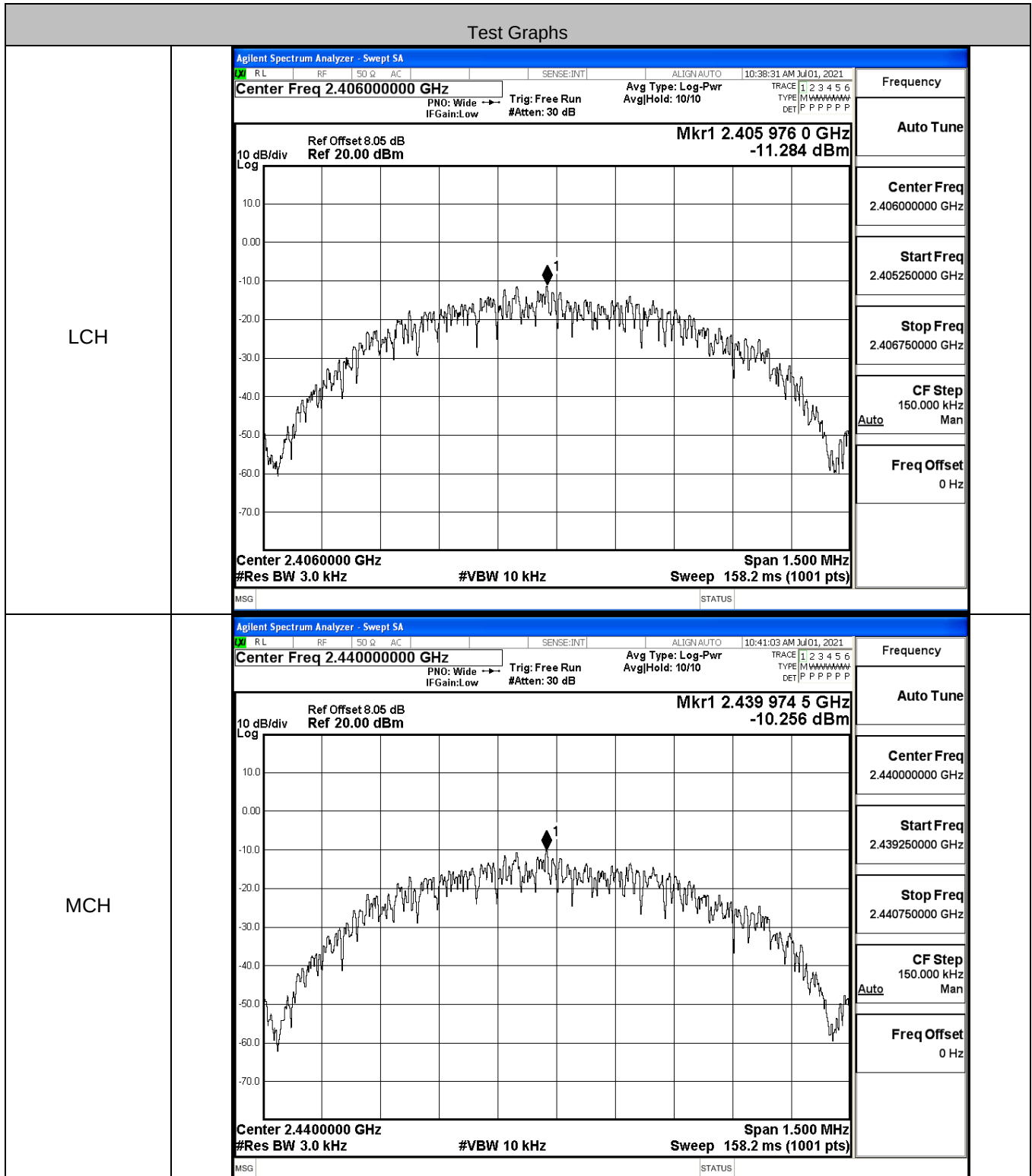


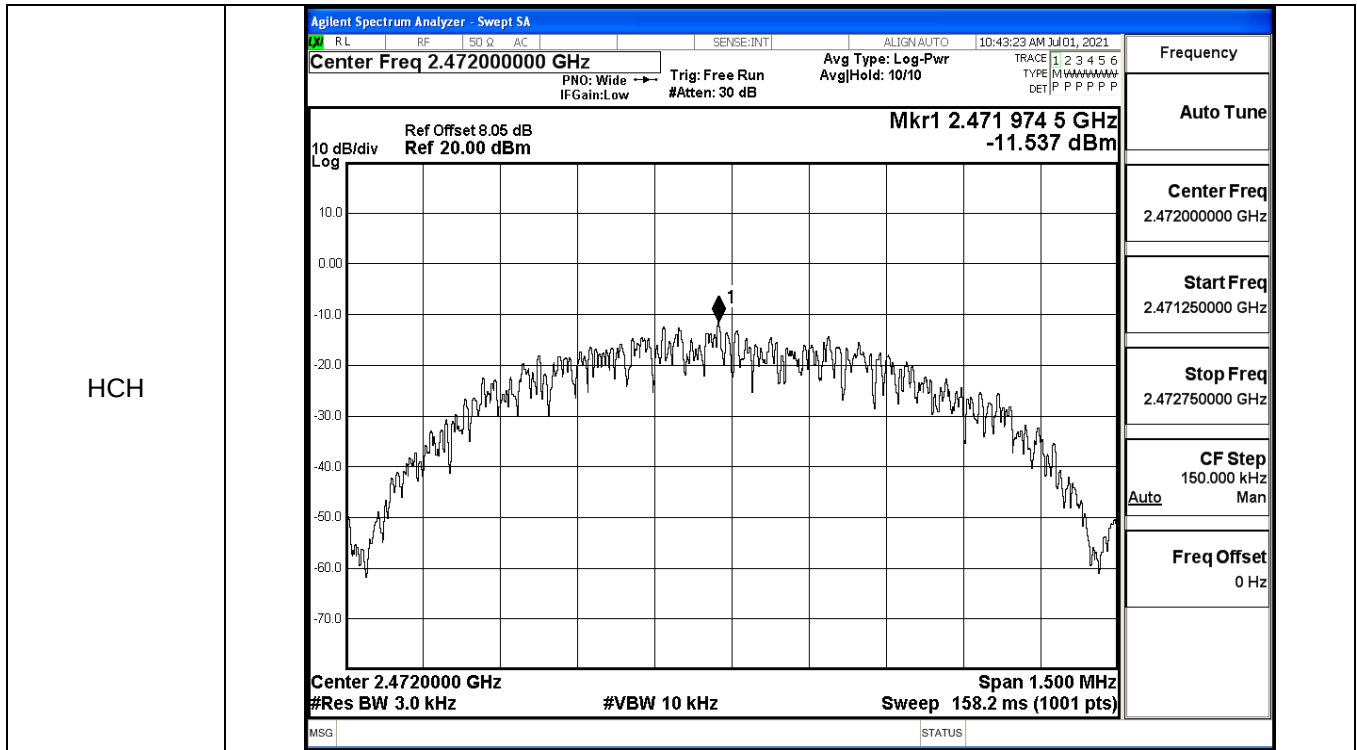




A.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
2.4G	LCH	-11.284	8	PASS
2.4G	MCH	-10.256	8	PASS
2.4G	HCH	-11.537	8	PASS

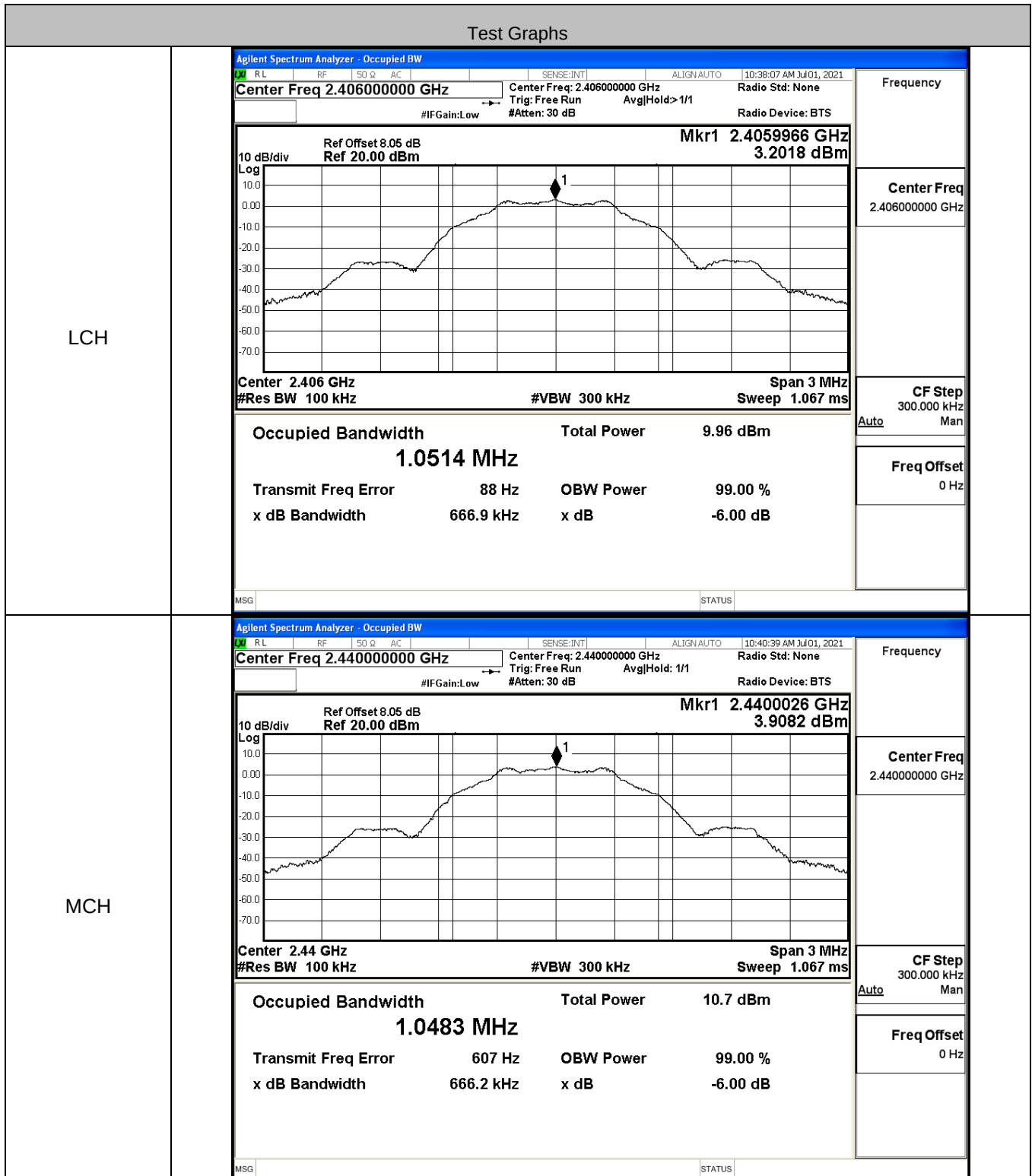


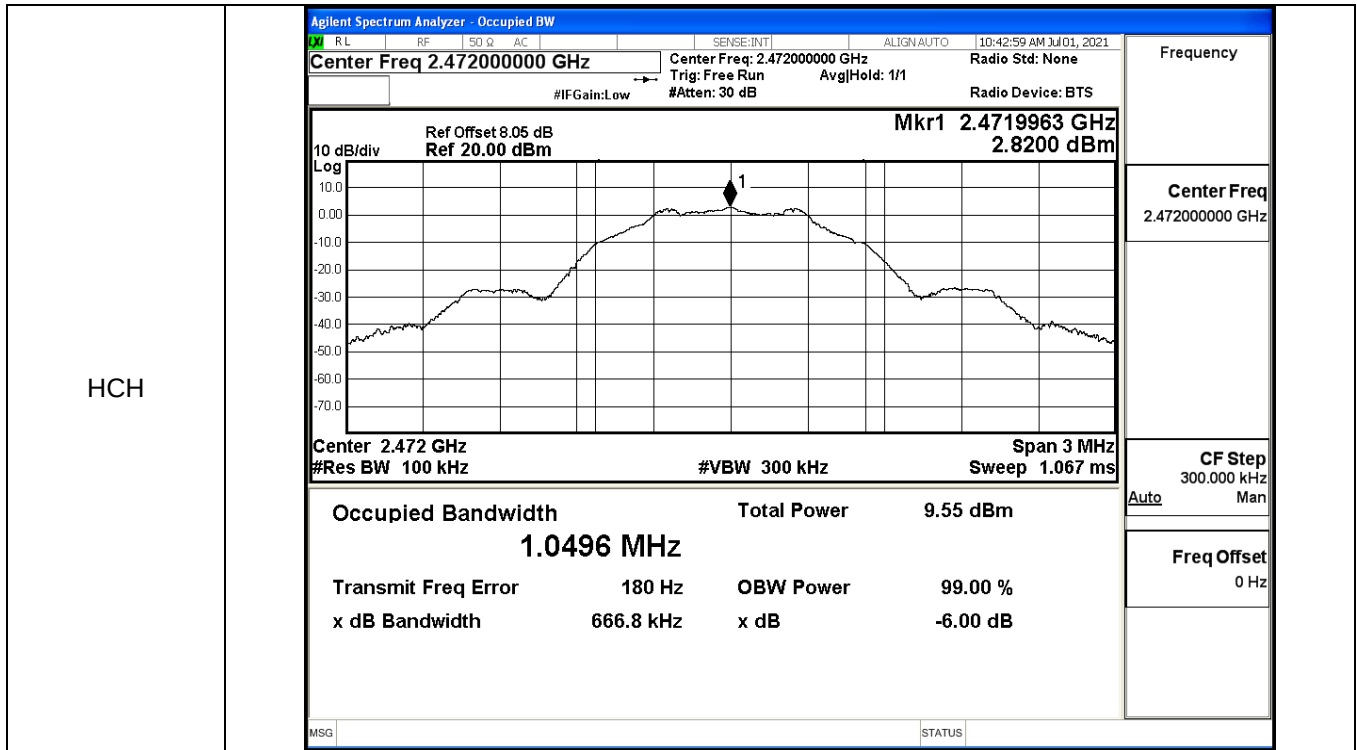




A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
2.4G	LCH	0.6669	≥ 0.5	PASS
2.4G	MCH	0.6662	≥ 0.5	PASS
2.4G	HCH	0.6668	≥ 0.5	PASS

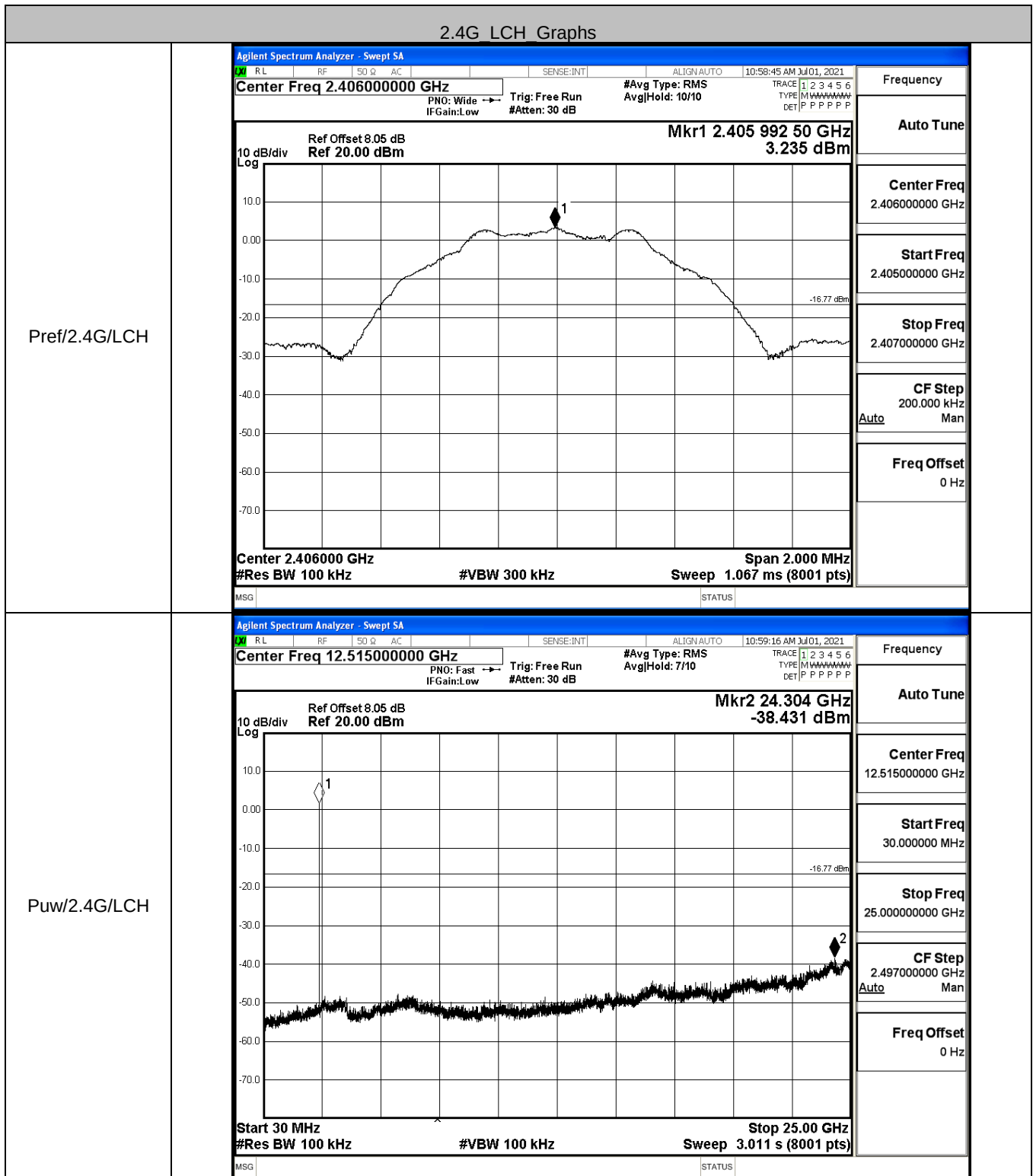






A.5 RF Conducted Spurious Emissions

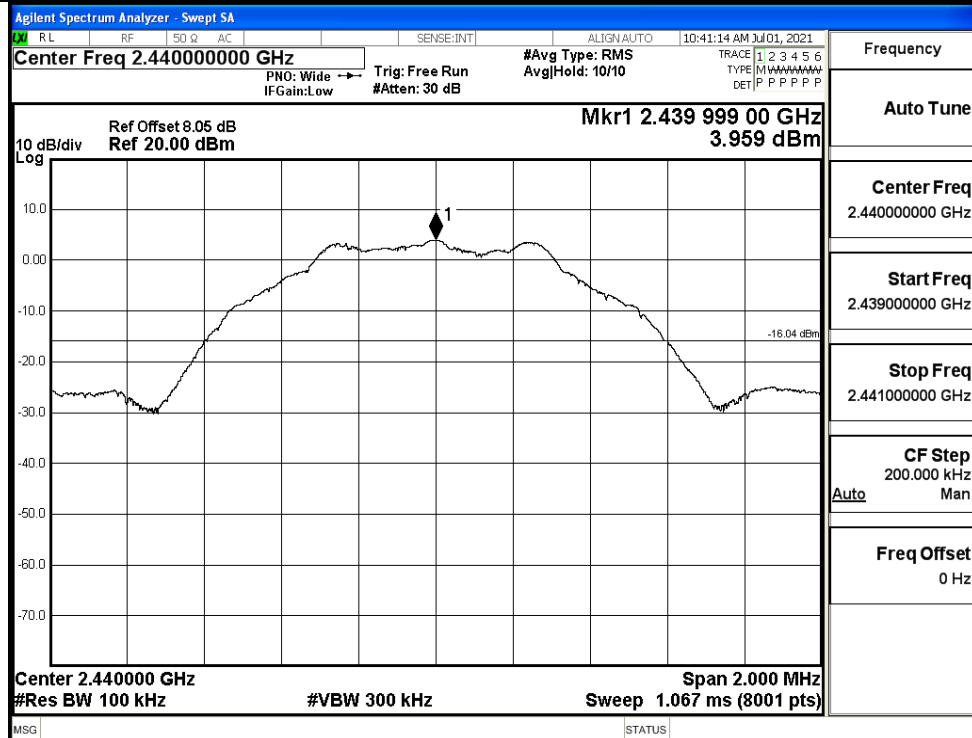
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
2.4G	LCH	3.235	-38.431	-16.765	PASS
2.4G	MCH	3.959	-37.077	-16.041	PASS
2.4G	HCH	2.87	-38.042	-17.130	PASS



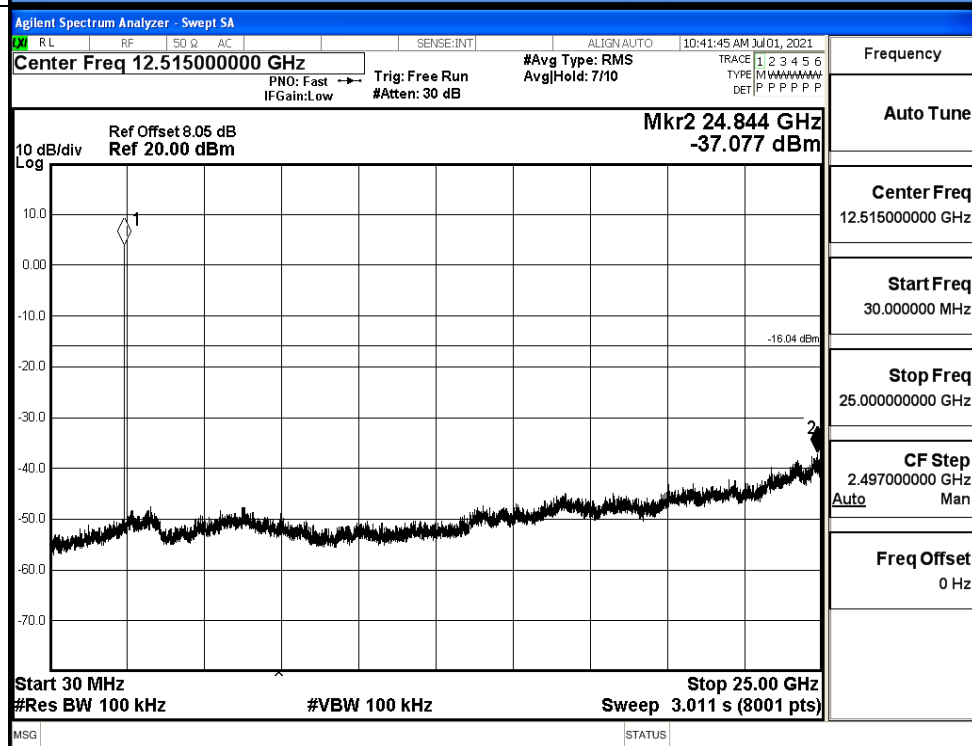


2.4G MCH Graphs

Pref/2.4G/MCH



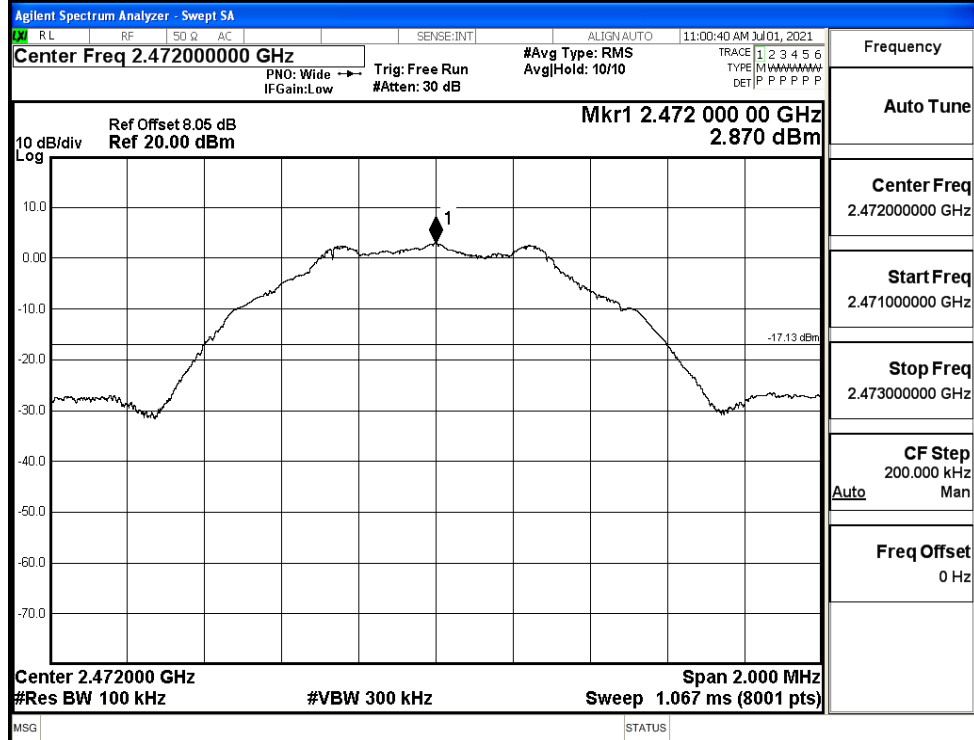
Puw/2.4G/MCH



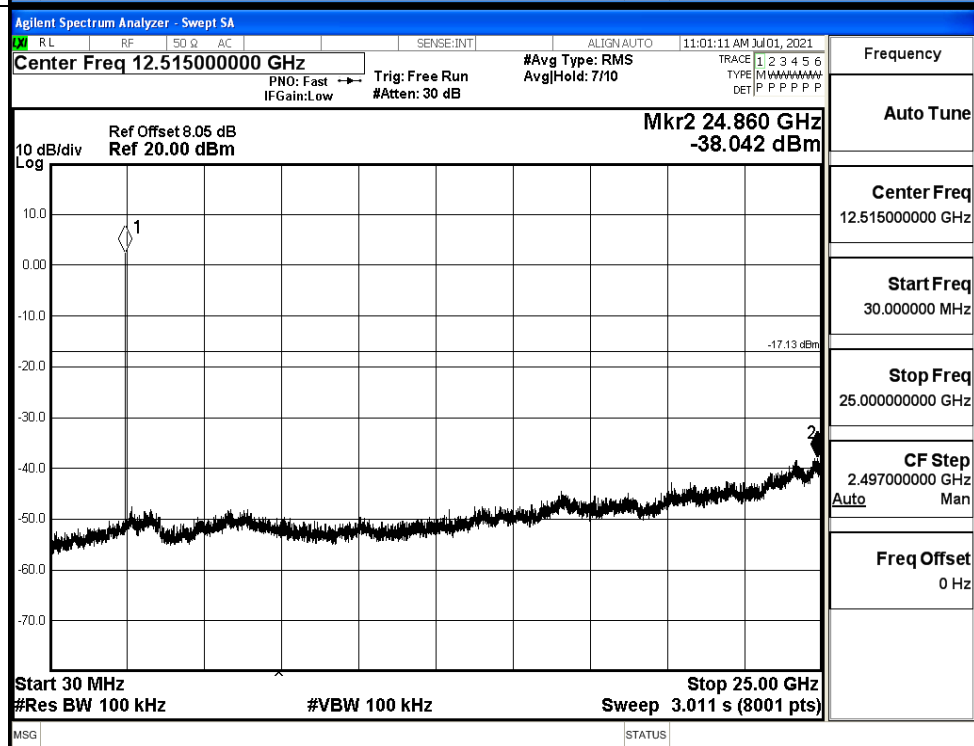


2.4G_HCH_Graphs

Pref/2.4G/HCH



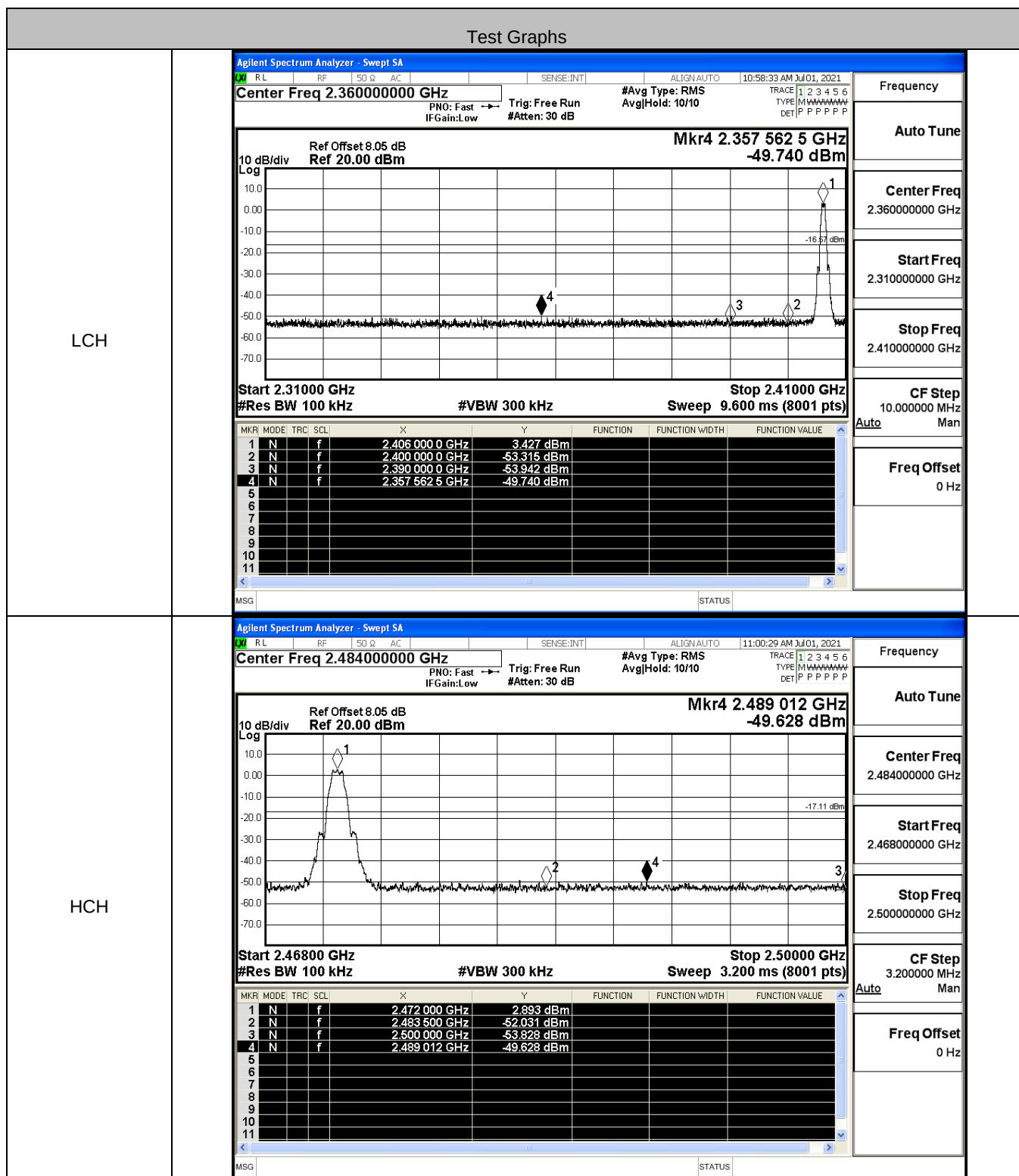
Puw/2.4G/HCH





A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
2.4G	LCH	3.427	-49.740	-16.57	PASS
2.4G	HCH	2.893	-49.628	-17.11	PASS

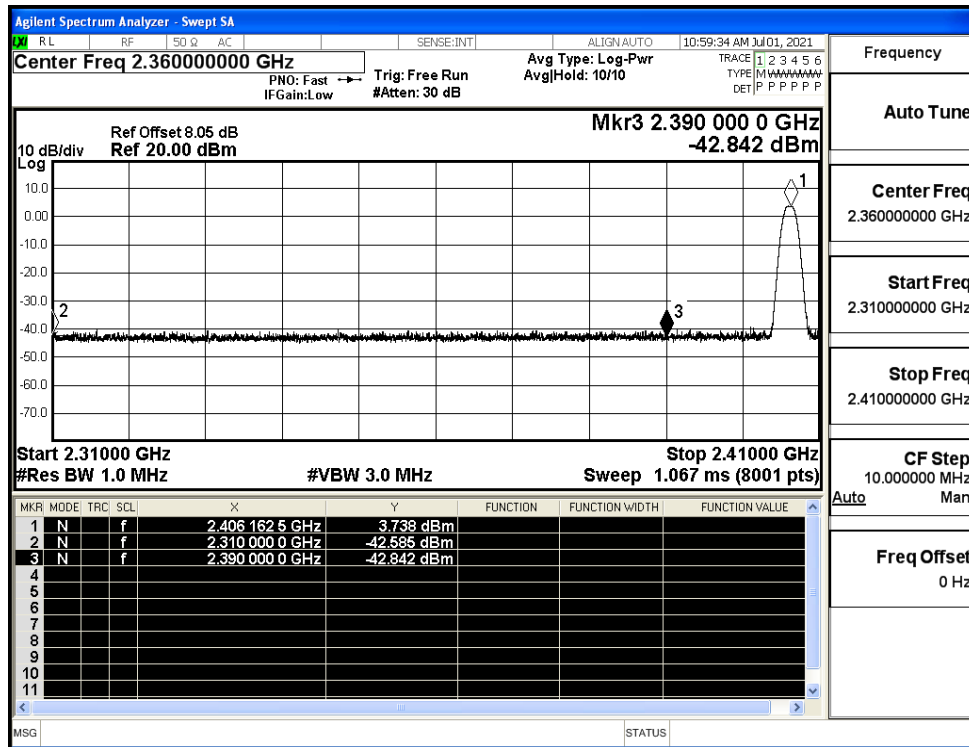


**A.7 Restrict-band band-edge measurements**

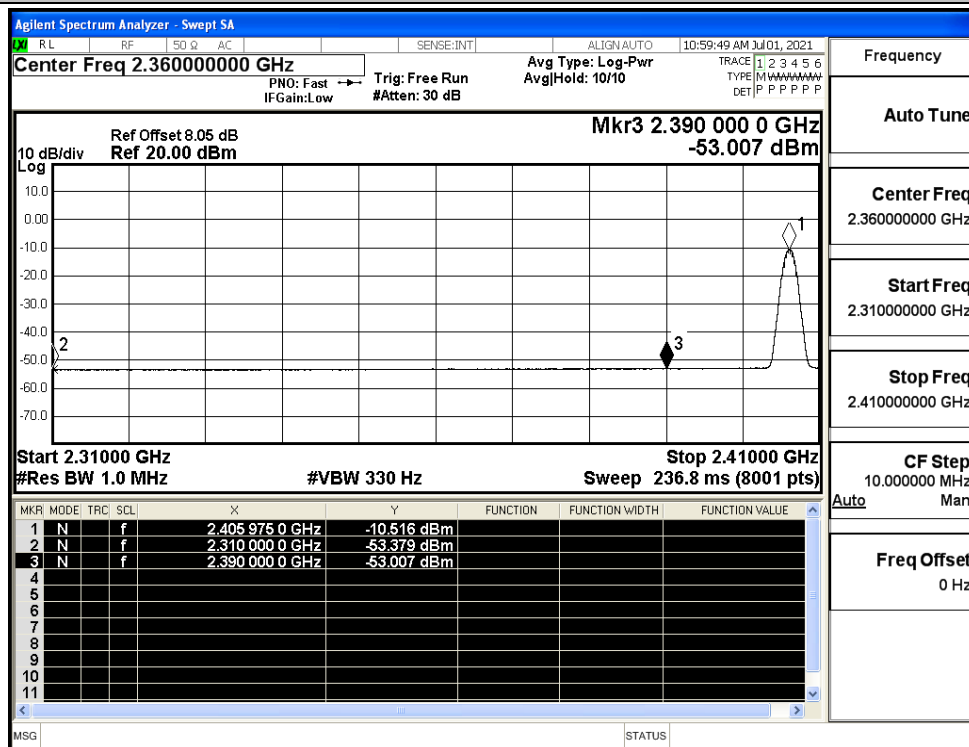
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
2.4G	2402	Ant1	2310.0	-42.59	2.0	0	54.67	PEAK	74	PASS
		Ant1	2310.0	-53.38	2.0	0	43.88	AV	54	PASS
		Ant1	2390.0	-42.84	2.0	0	54.42	PEAK	74	PASS
		Ant1	2390.0	-53.01	2.0	0	44.25	AV	54	PASS
	2480	Ant1	2483.5	-43.61	2.0	0	53.65	PEAK	74	PASS
		Ant1	2483.5	-52.67	2.0	0	44.59	AV	54	PASS
		Ant1	2500.0	-41.01	2.0	0	56.25	PEAK	74	PASS
		Ant1	2500.0	-52.37	2.0	0	44.89	AV	54	PASS



Restrict-band band-edge measurements_2.4G_2402_Ant1_PEAK

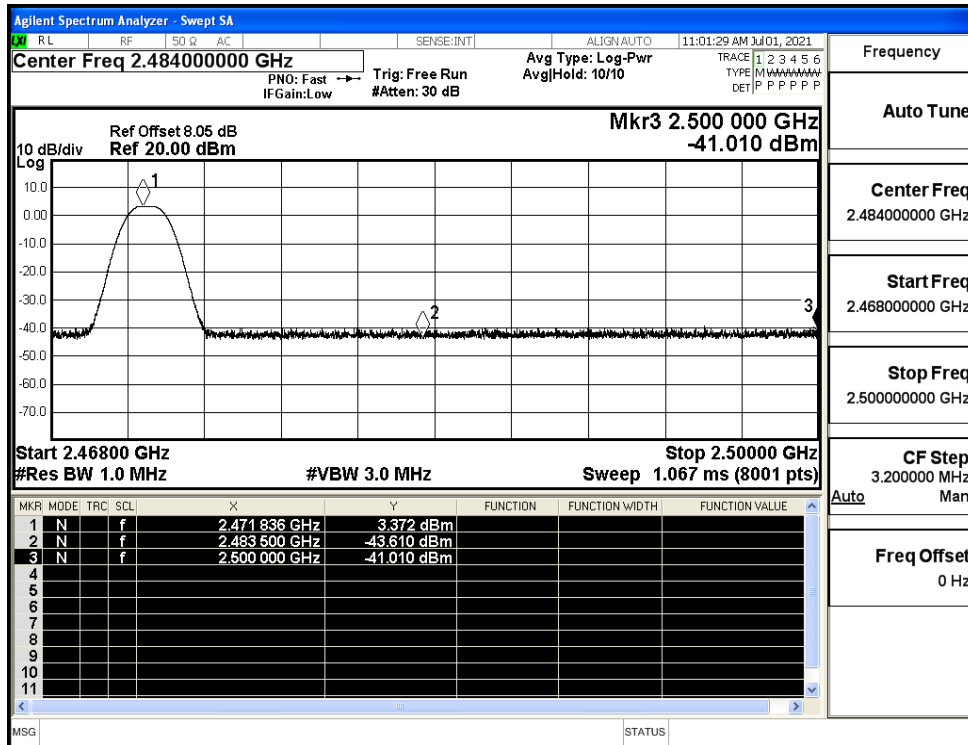


Restrict-band band-edge measurements_2.4G_2402_Ant1_AV





Restrict-band band-edge measurements_2.4G_2480_Ant1_PEAK



Restrict-band band-edge measurements_2.4G_2480_Ant1_AV

