

Appendix A

RF Test Data for 2.4G (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: Doking

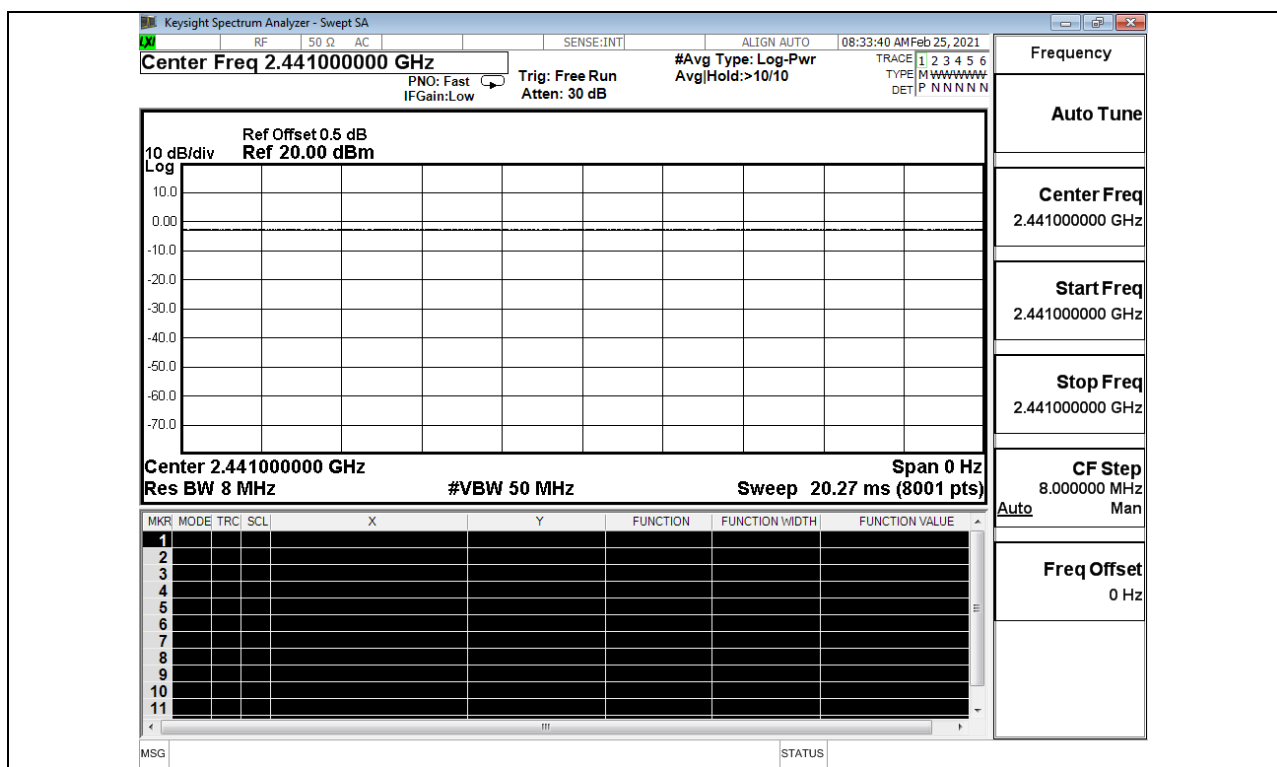
Test Model: BD7603USB

Environmental Conditions

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

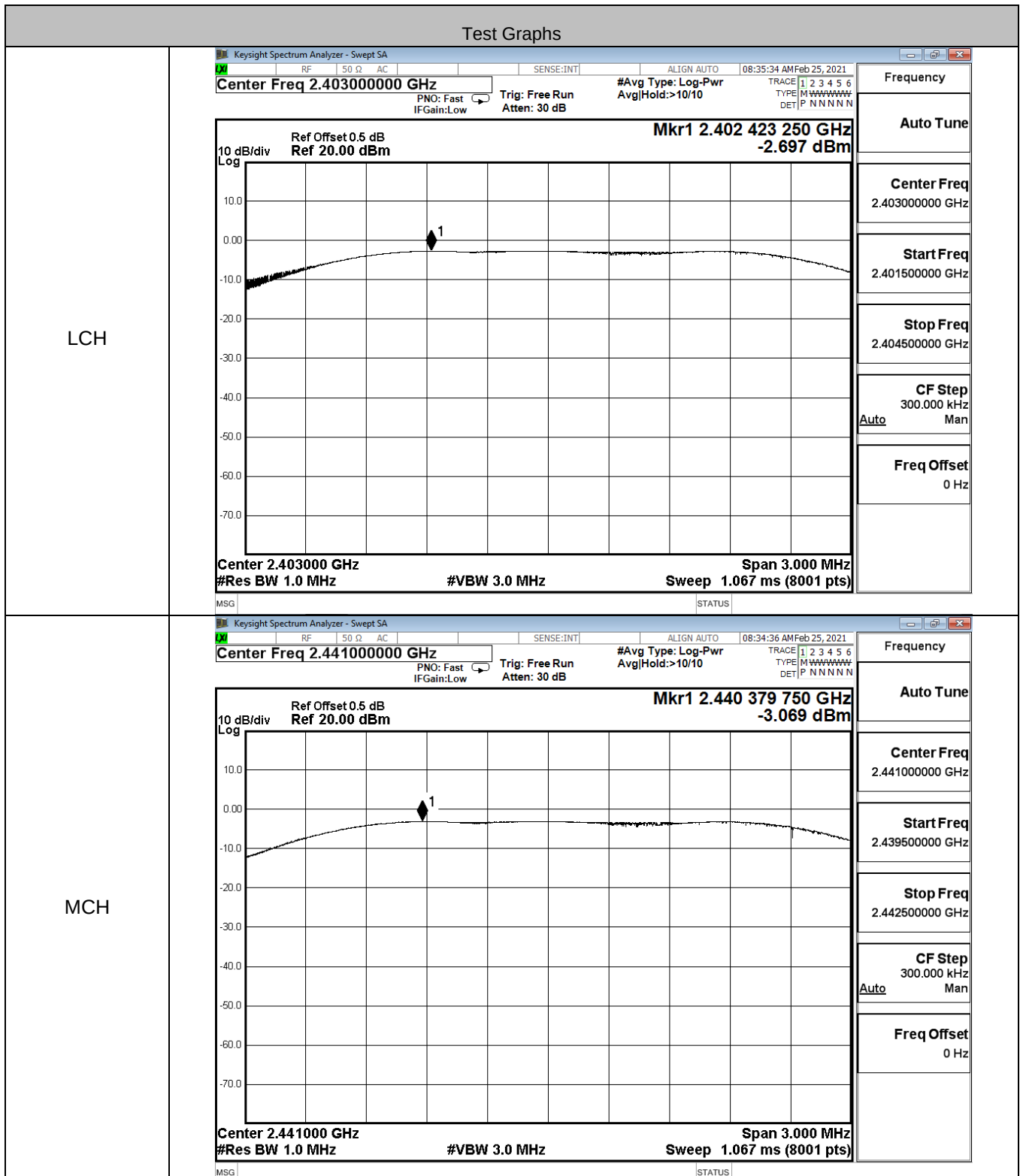
A.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
2.4G	2441	Ant1	100	PASS

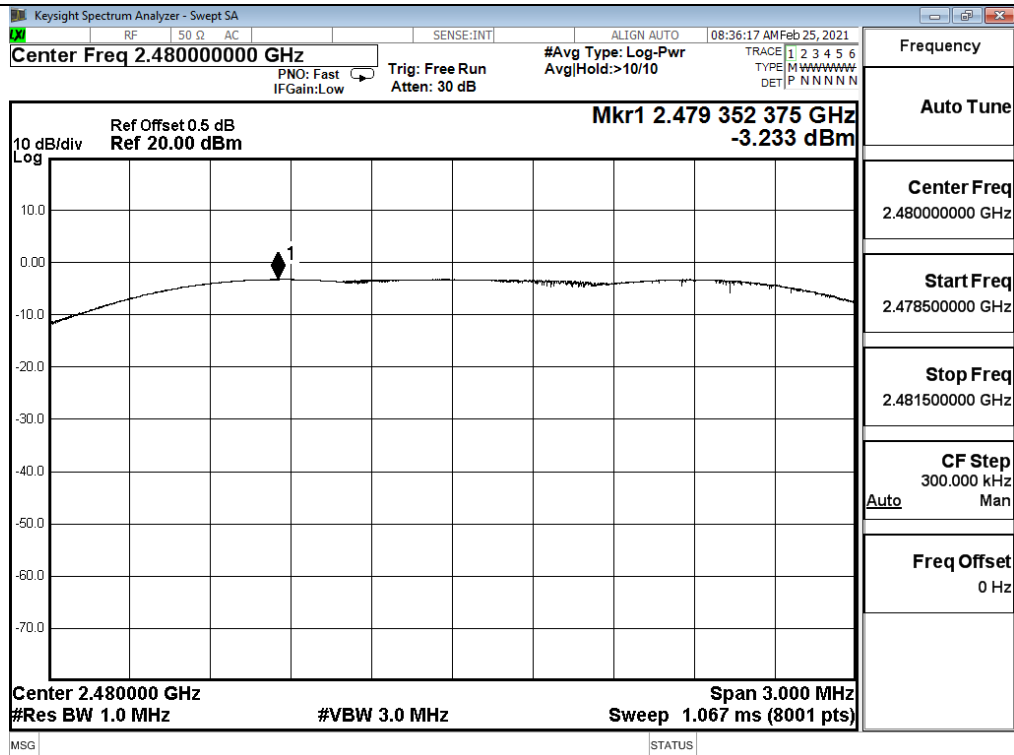


A.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
2.4G	LCH	-2.697	30	PASS
2.4G	MCH	-3.069	30	PASS
2.4G	HCH	-3.233	30	PASS

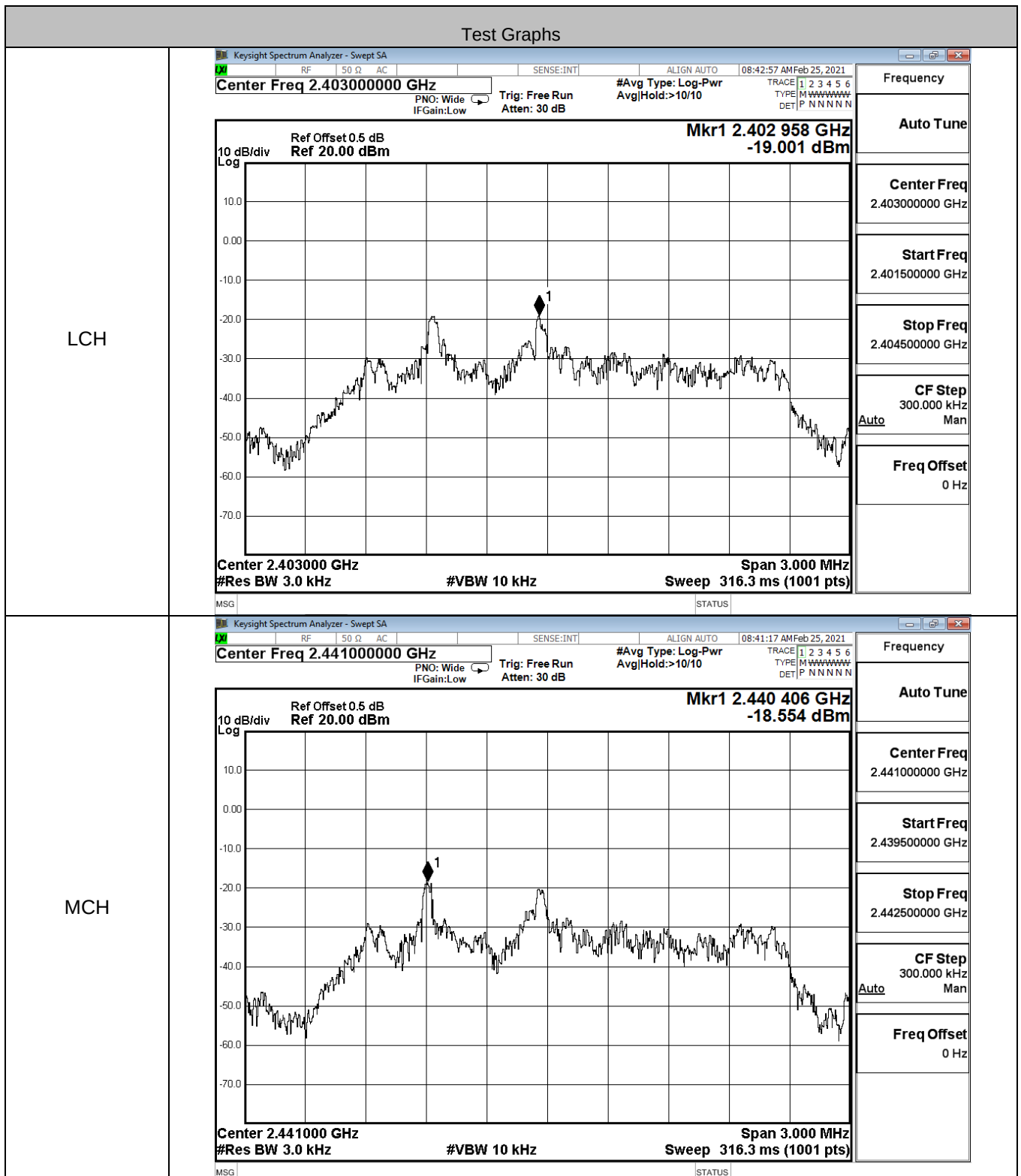


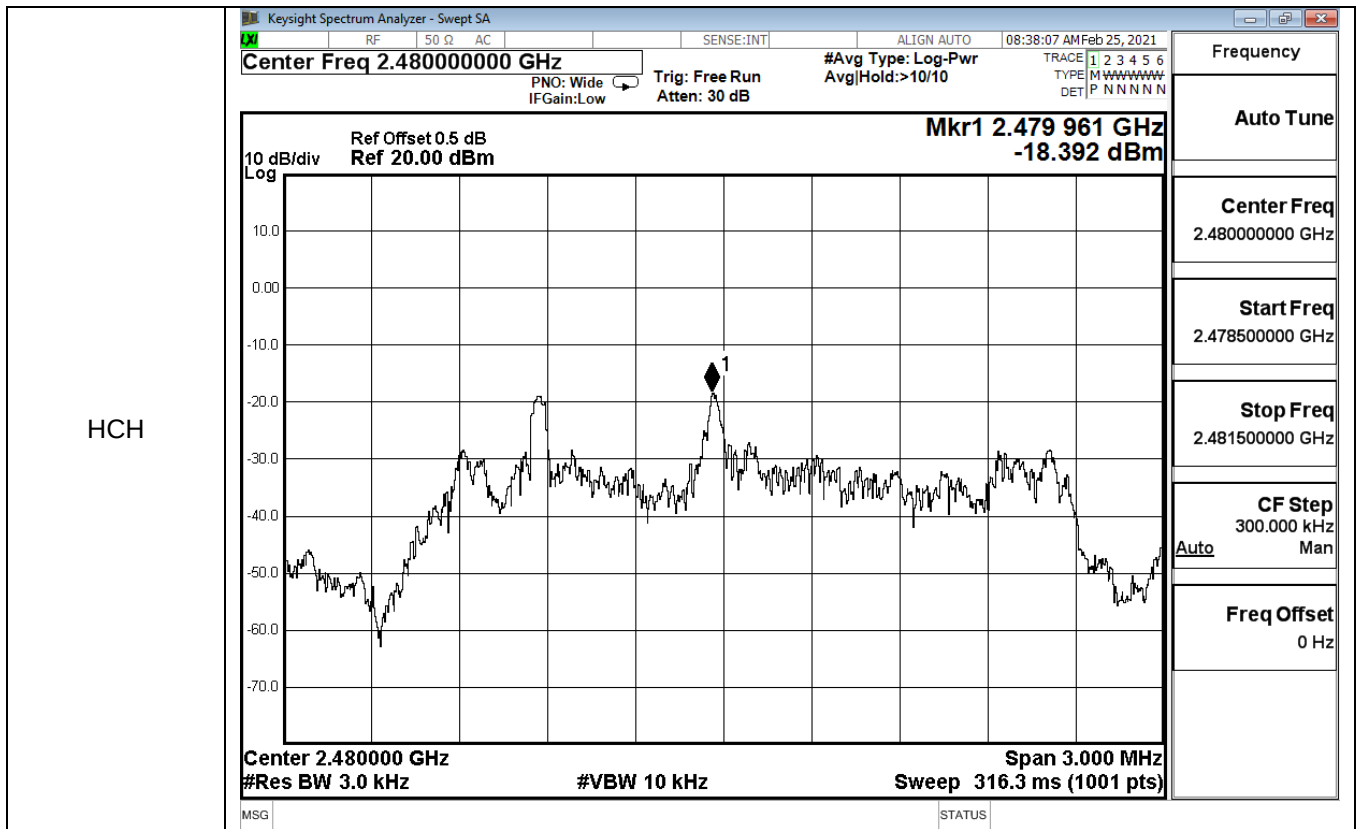
HCH



A.3 Maximum Power Spectral Density

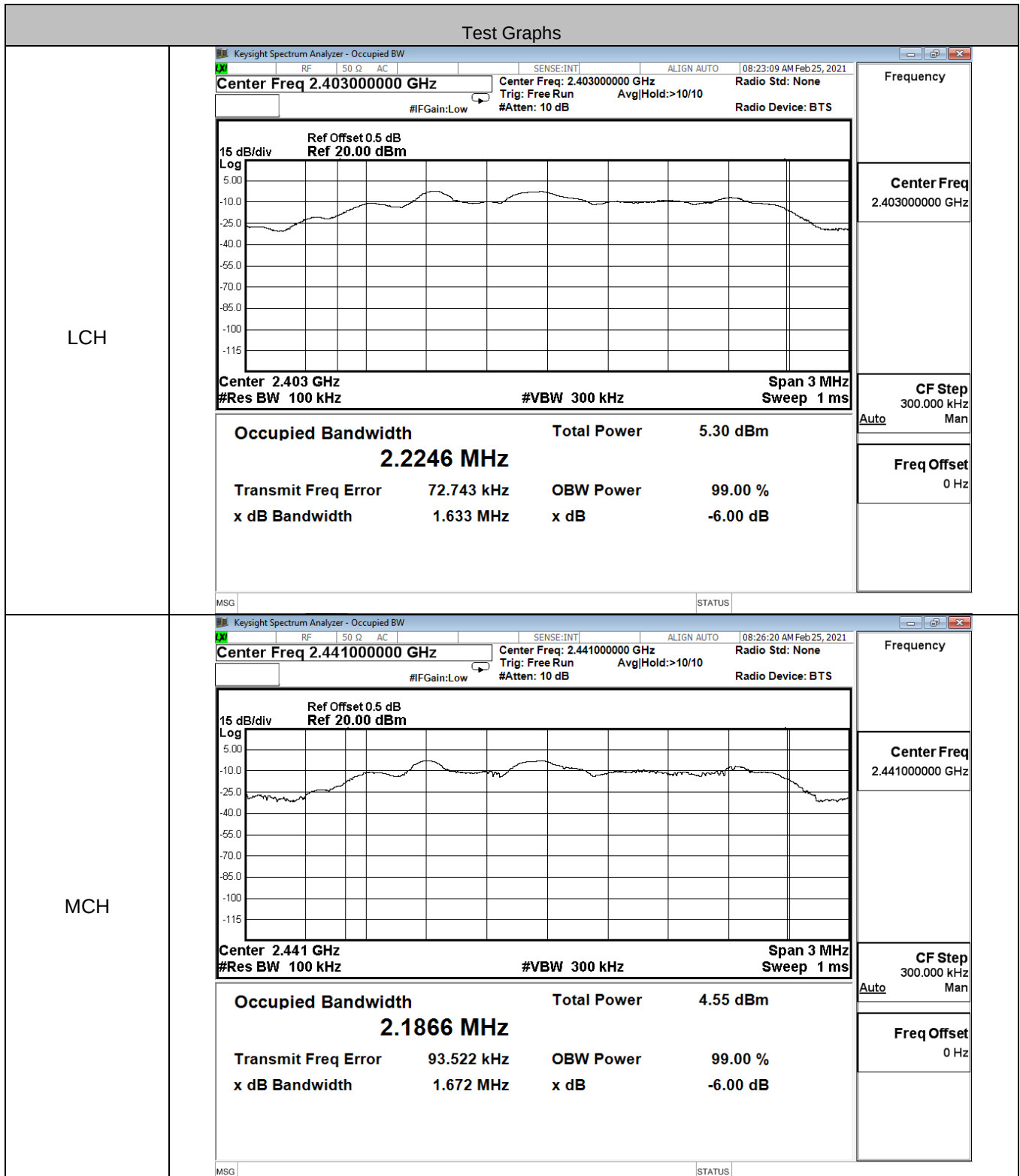
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
2.4G	LCH	-19.001	8	PASS
2.4G	MCH	-18.554	8	PASS
2.4G	HCH	-18.392	8	PASS



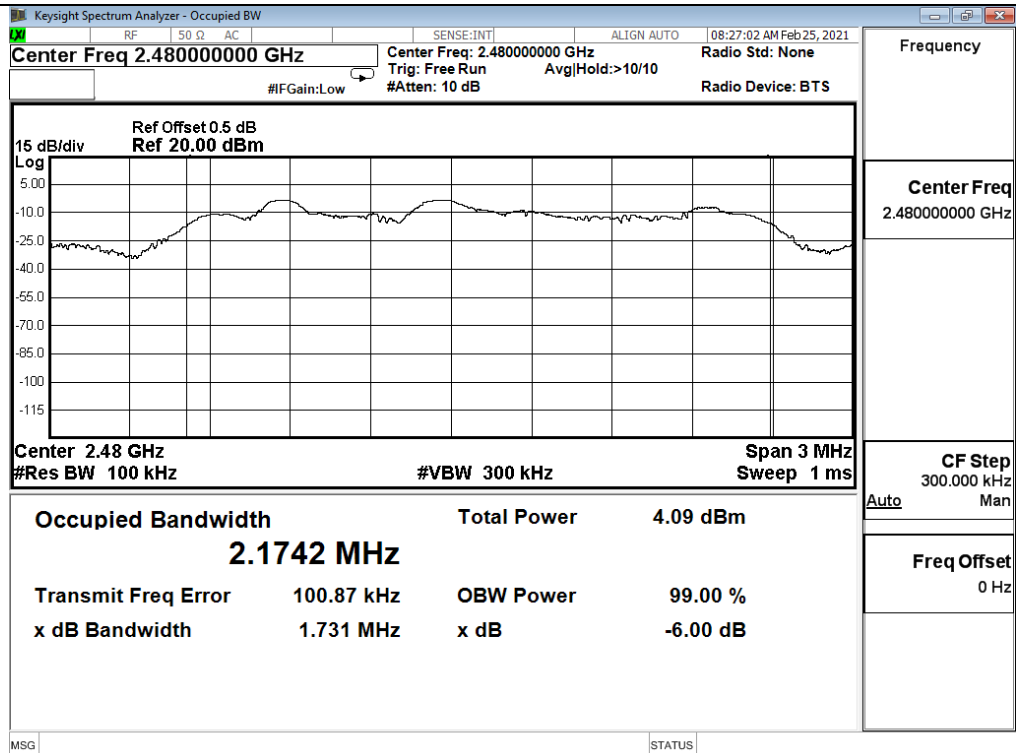


A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
2.4G	LCH	1.633	≥ 0.5	PASS
2.4G	MCH	1.672	≥ 0.5	PASS
2.4G	HCH	1.731	≥ 0.5	PASS

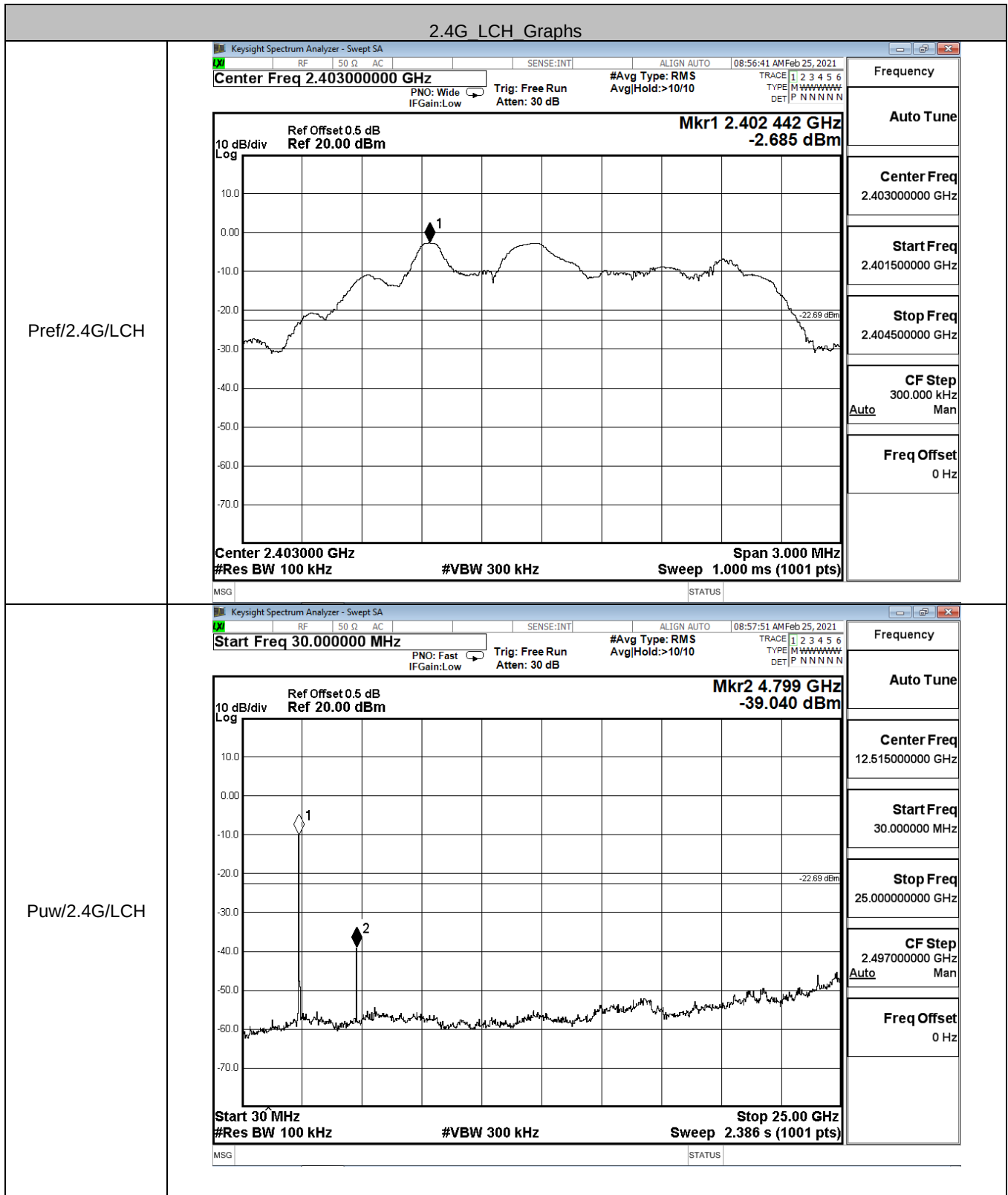


HCH



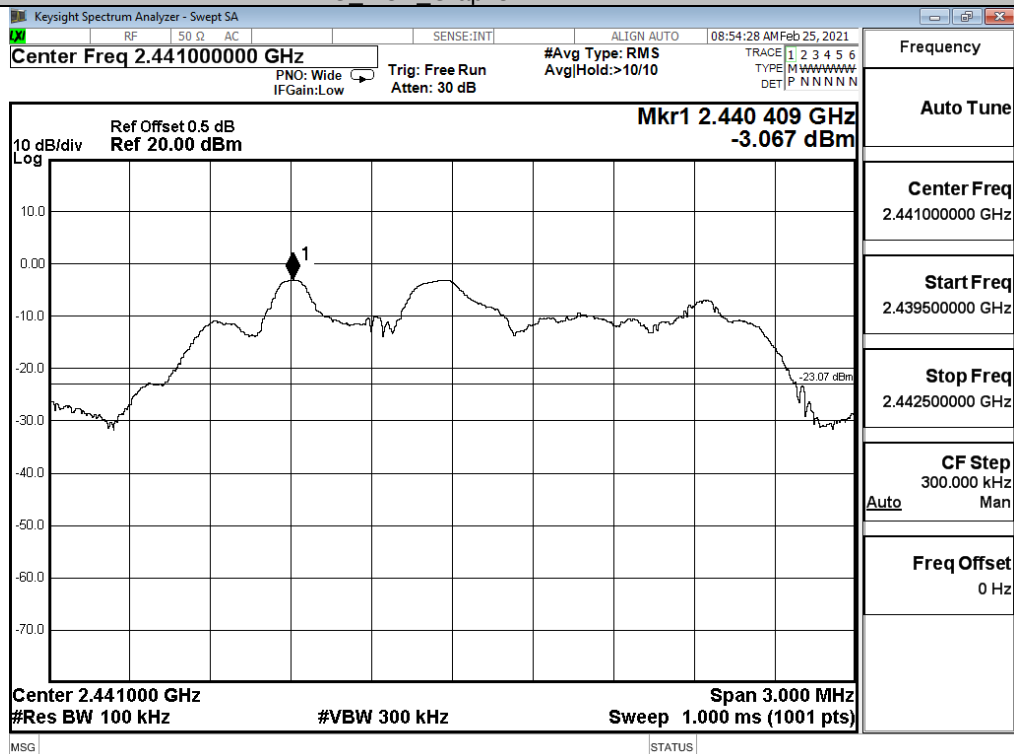
A.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
2.4G	LCH	-2.685	-39.040	-22.685	PASS
2.4G	MCH	-3.067	-43.596	-23.067	PASS
2.4G	HCH	-3.171	-41.718	-23.171	PASS

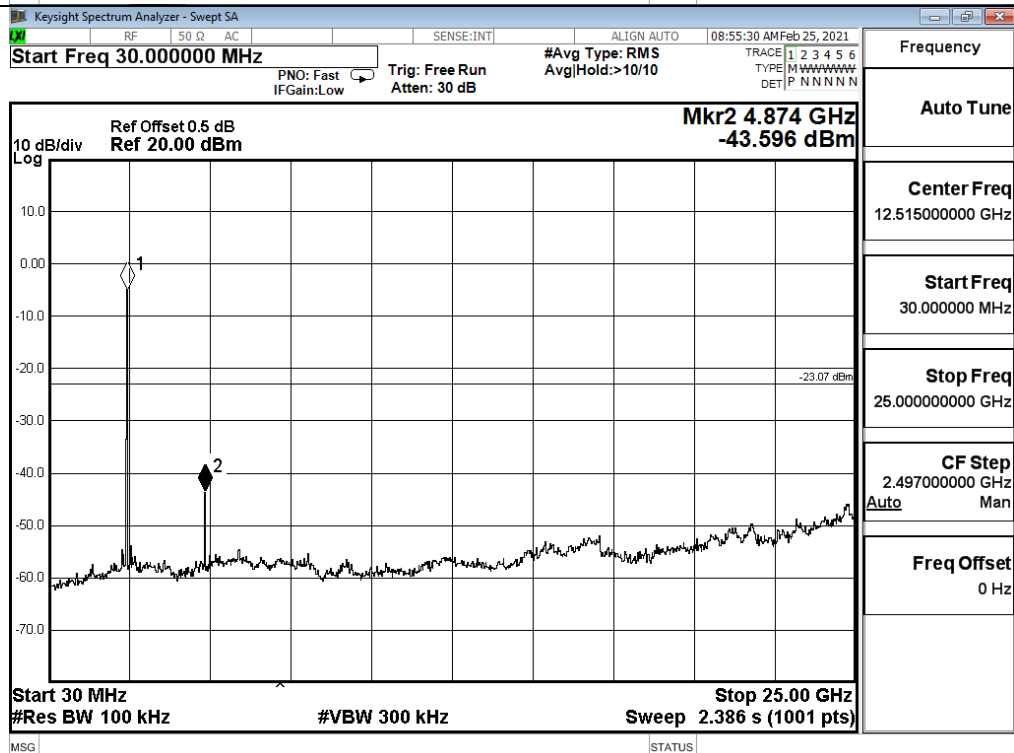


2.4G_MCH_Graphs

Pref/2.4G/MCH

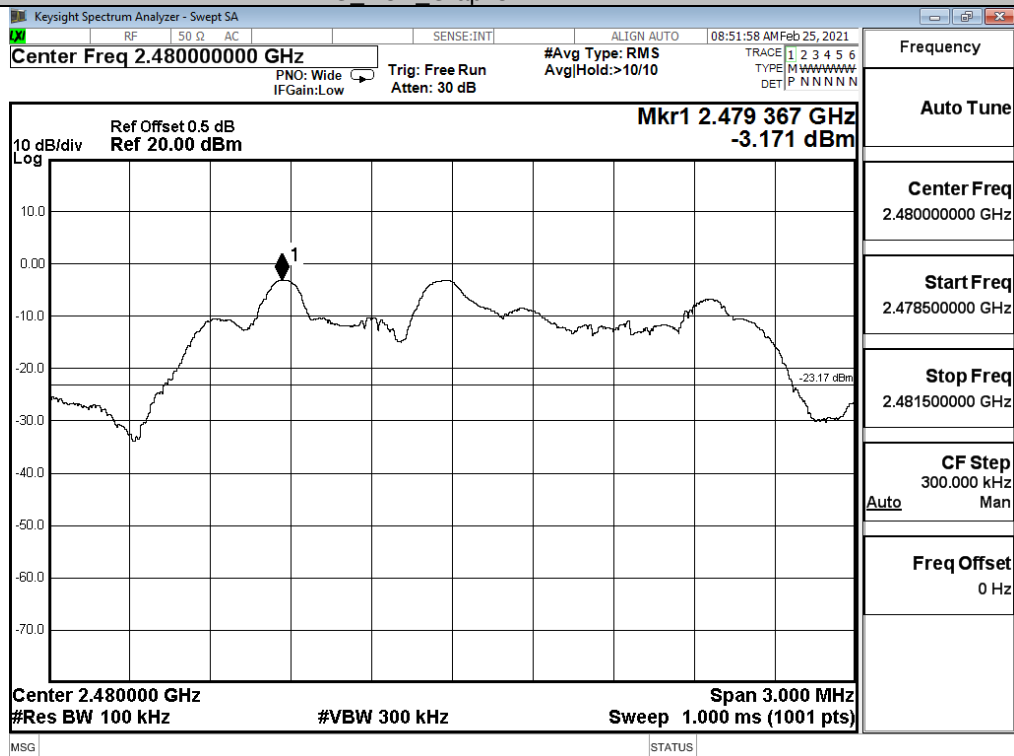


Puw/2.4G/MCH

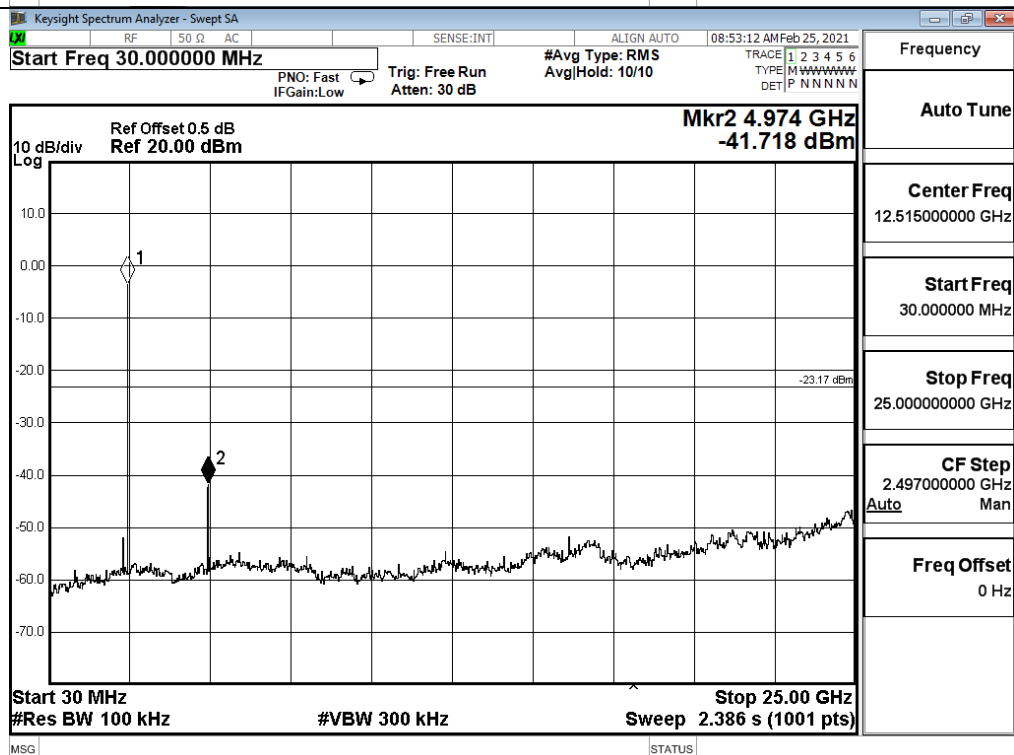


2.4G_HCH_Graphs

Pref/2.4G/HCH

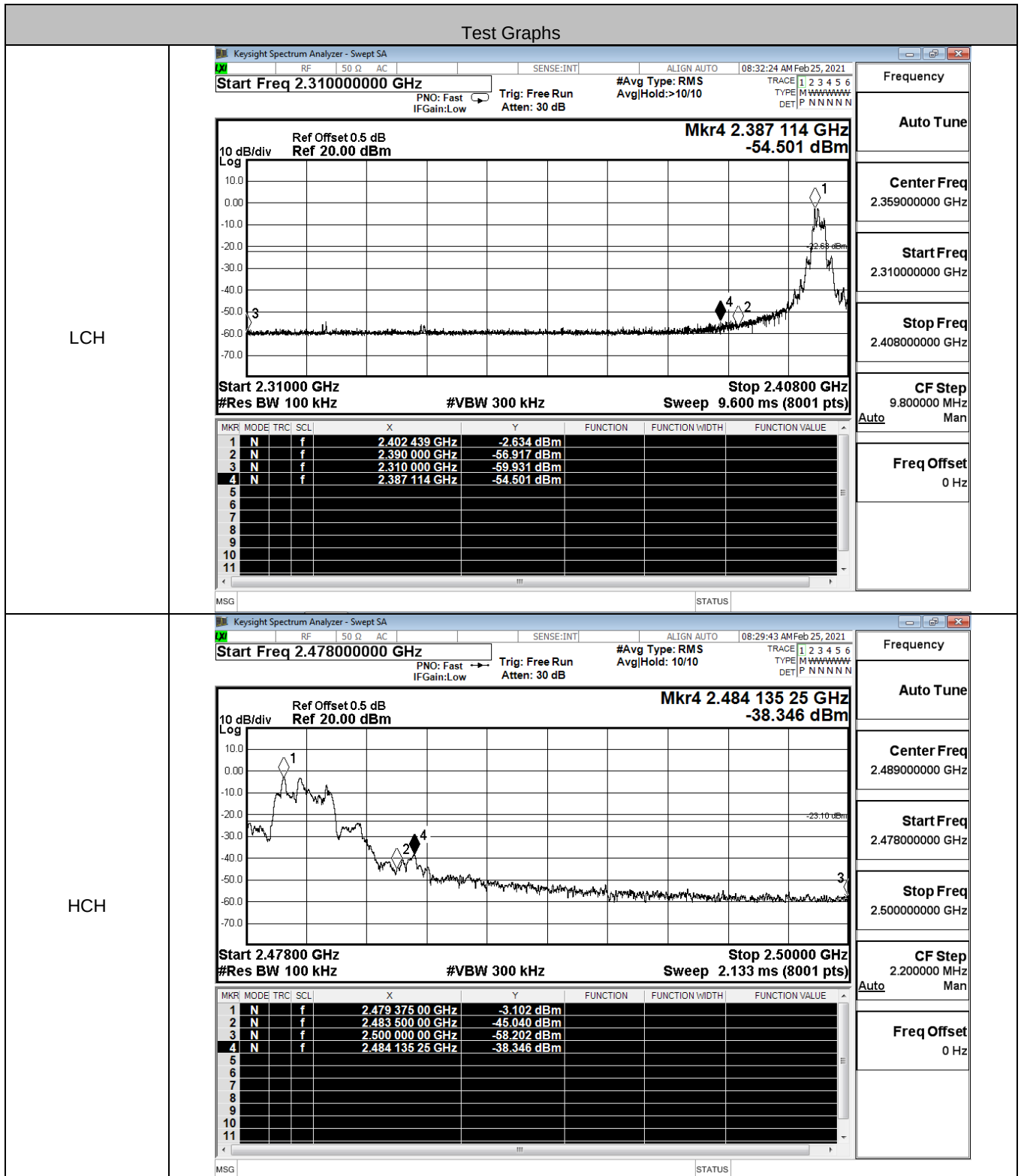


Puw/2.4G/HCH



A.6 Band-edge for RF Conducted Emissions

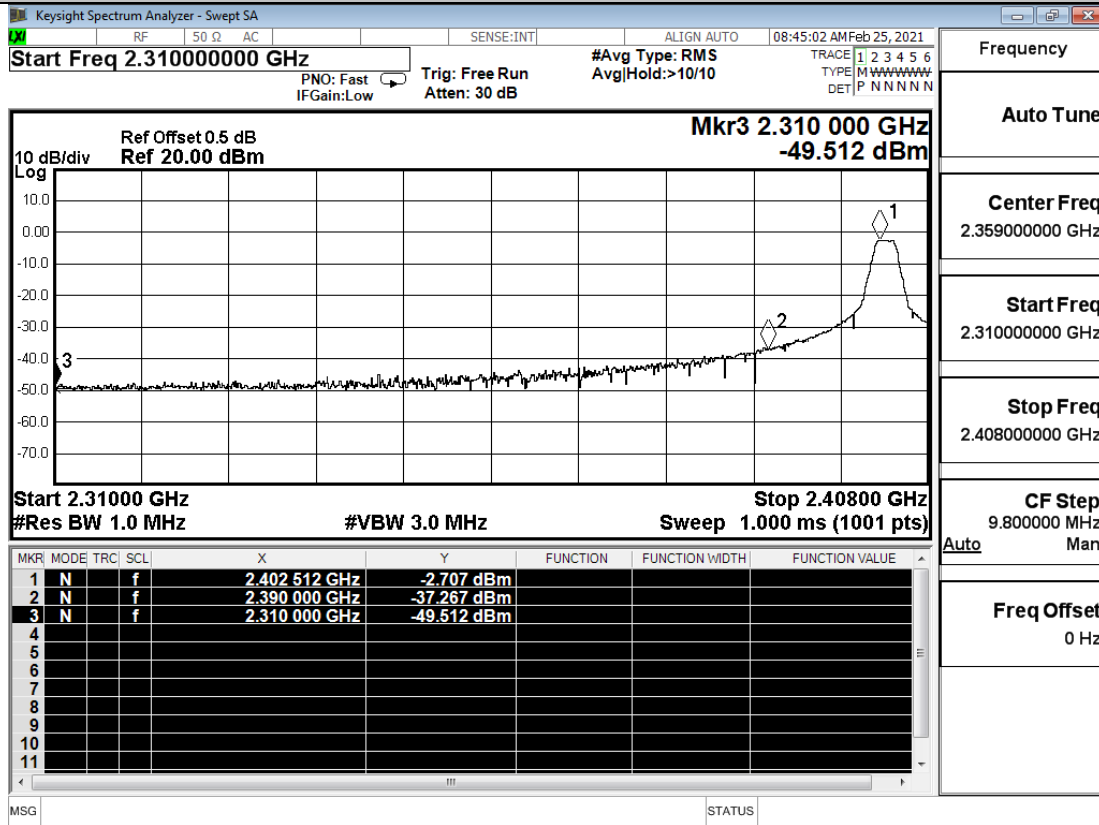
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
2.4G	LCH	-2.634	-54.501	-22.63	PASS
2.4G	HCH	-3.102	-38.346	-23.10	PASS



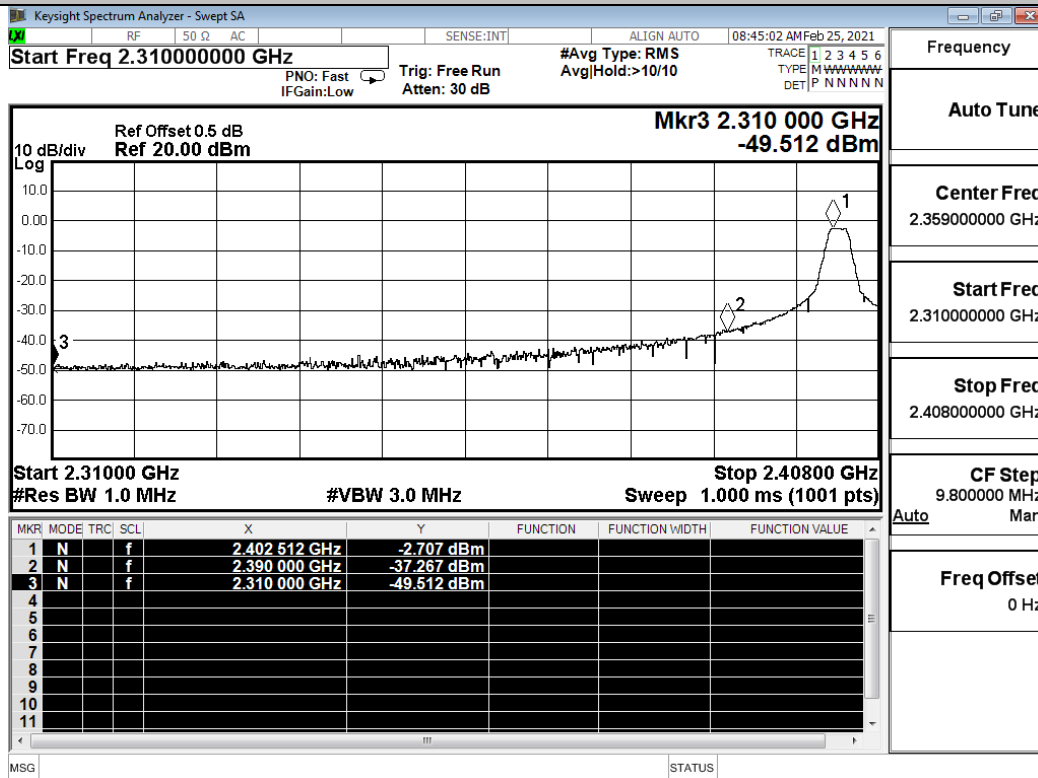
A.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
2.4G	2403	Ant1	2310.0	-49.51	2.0	0	47.72	PEAK	74	PASS
		Ant1	2310.0	-51.42	2.0	0	45.81	AV	54	PASS
		Ant1	2390.0	-37.27	2.0	0	59.96	PEAK	74	PASS
		Ant1	2390.0	-44.94	2.0	0	52.29	AV	54	PASS
	2480	Ant1	2483.5	-26.54	2.0	0	70.69	PEAK	74	PASS
		Ant1	2483.5	-43.98	2.0	0	53.25	AV	54	PASS
		Ant1	2500.0	-40.84	2.0	0	56.39	PEAK	74	PASS
		Ant1	2500.0	-44.00	2.0	0	53.23	AV	54	PASS

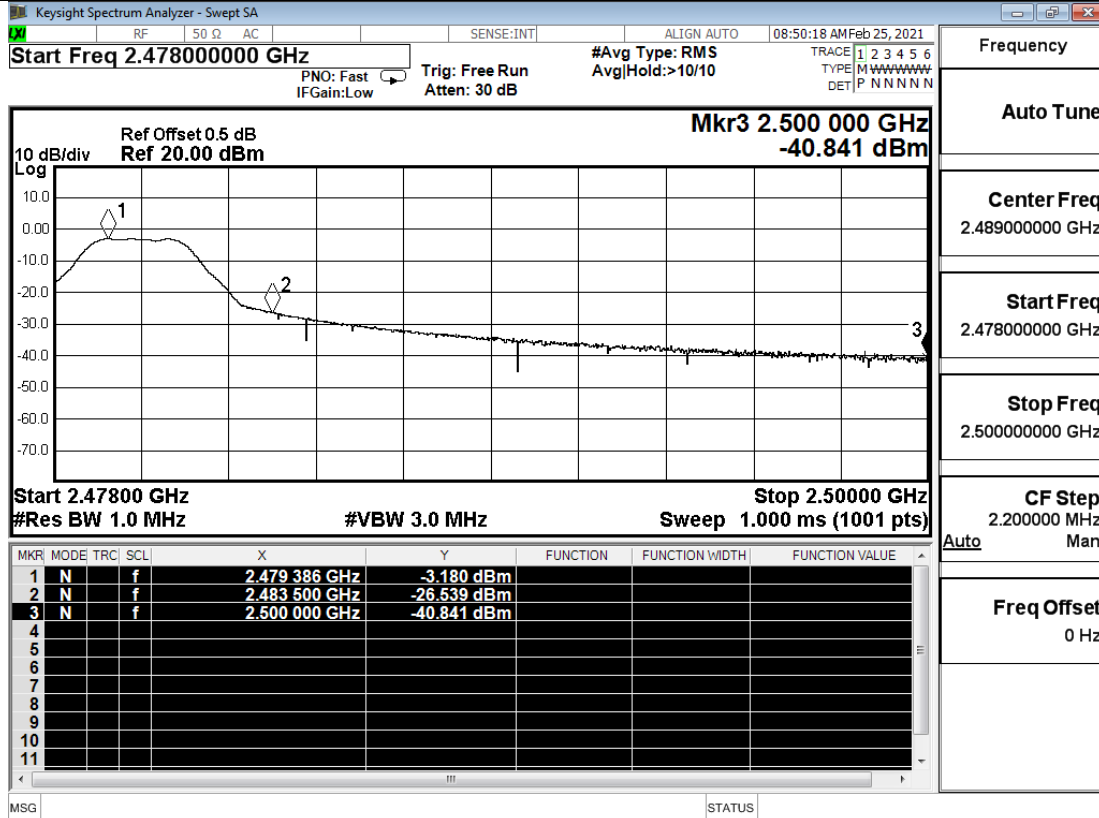
Restrict-band band-edge measurements_2.4G_2403_Ant1_PEAK



Restrict-band band-edge measurements_2.4G_2403_Ant1_AV



Restrict-band band-edge measurements_2.4G_2480_Ant1_PEAK



Restrict-band band-edge measurements_2.4G_2480_Ant1_AV

