

Appendix A

RF Test Data for BT V5.0(BDR/EDR) (Conducted Measurement)

Product Name: Remote Shutter

Trade Mark: N/A

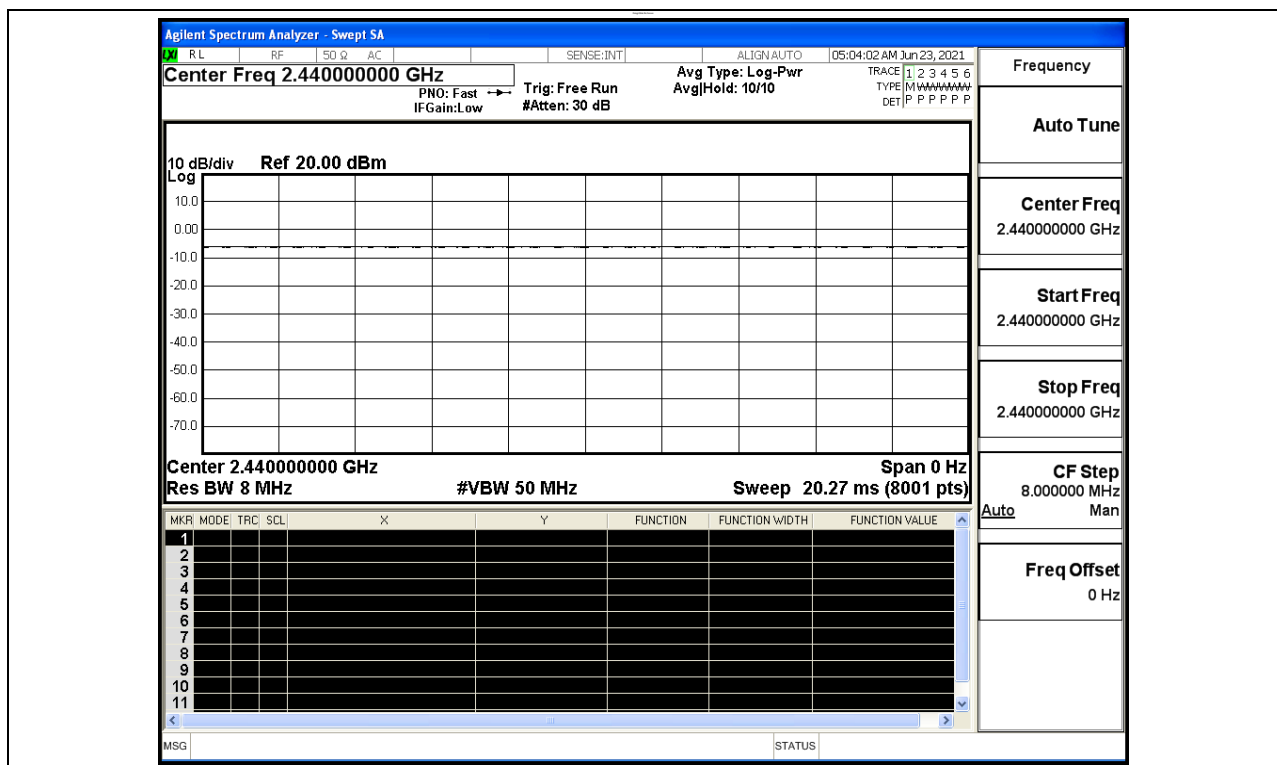
Test Model: RS-08

Environmental Conditions

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

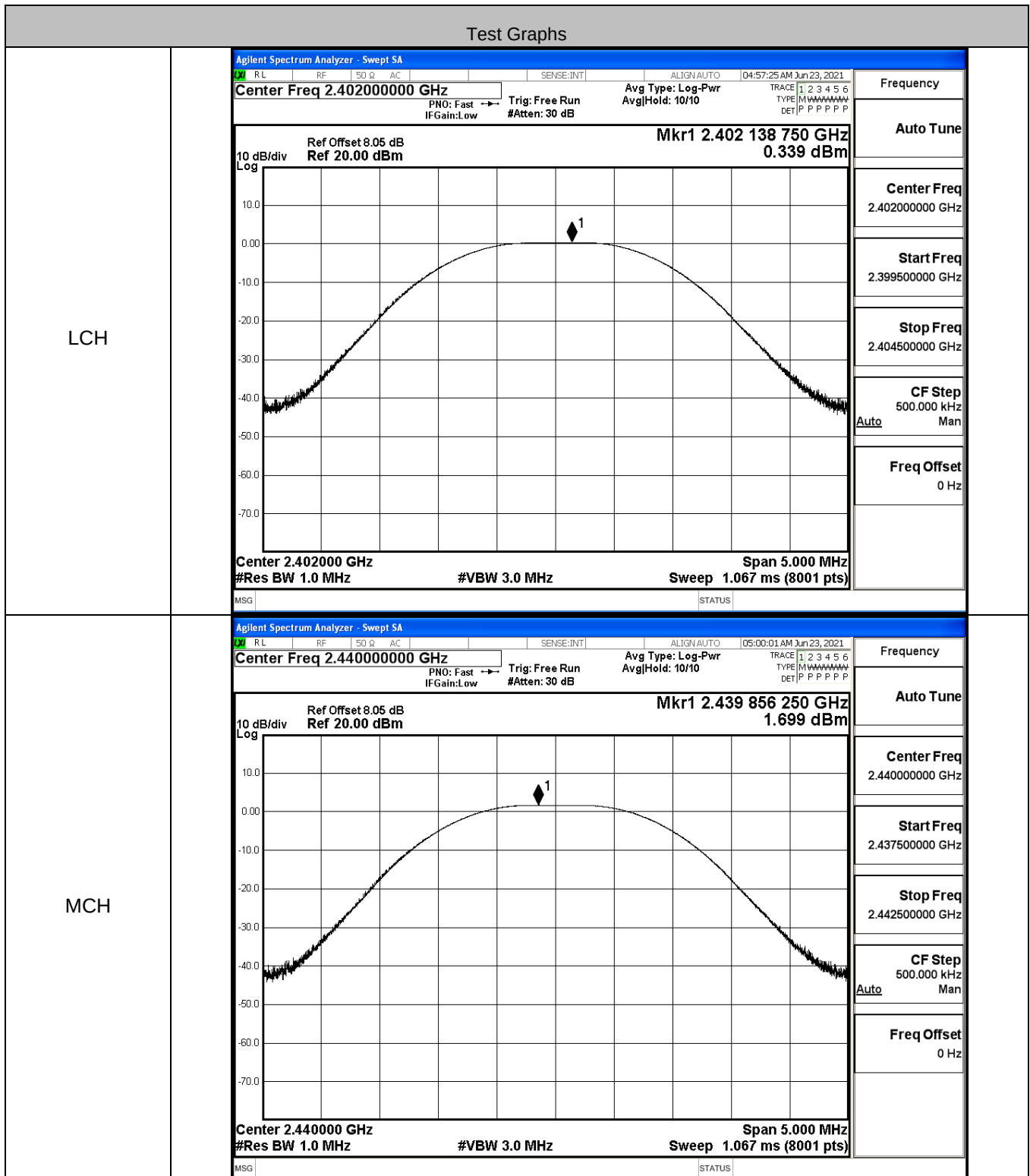
A.1 Duty Cycle

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

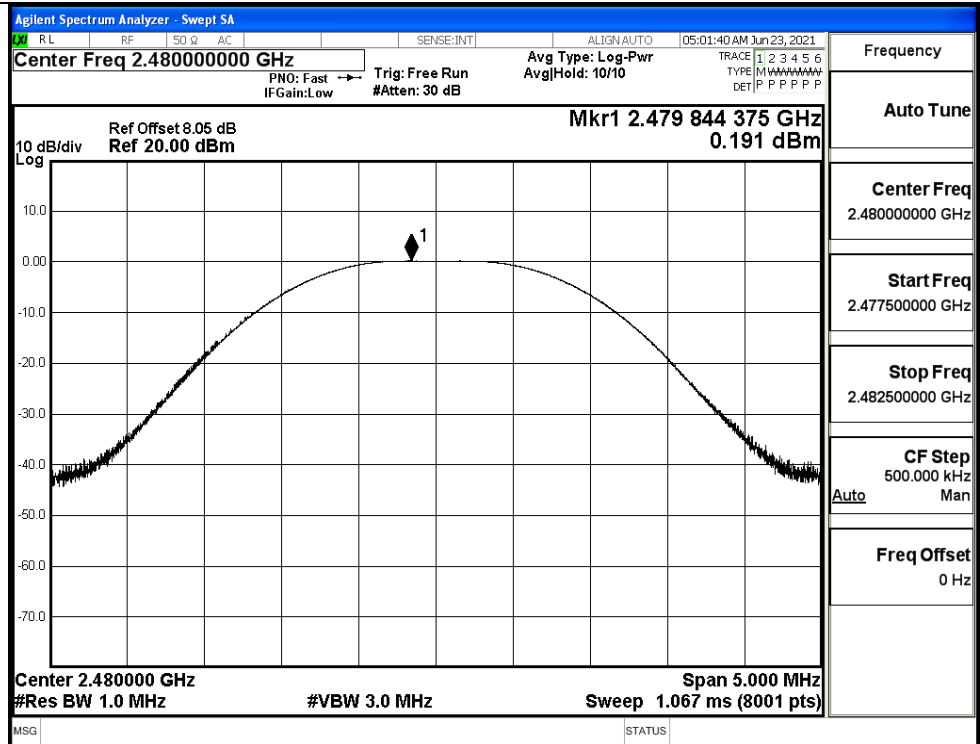


A.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.339	30	PASS
BT LE	MCH	1.699	30	PASS
BT LE	HCH	0.191	30	PASS



HCH

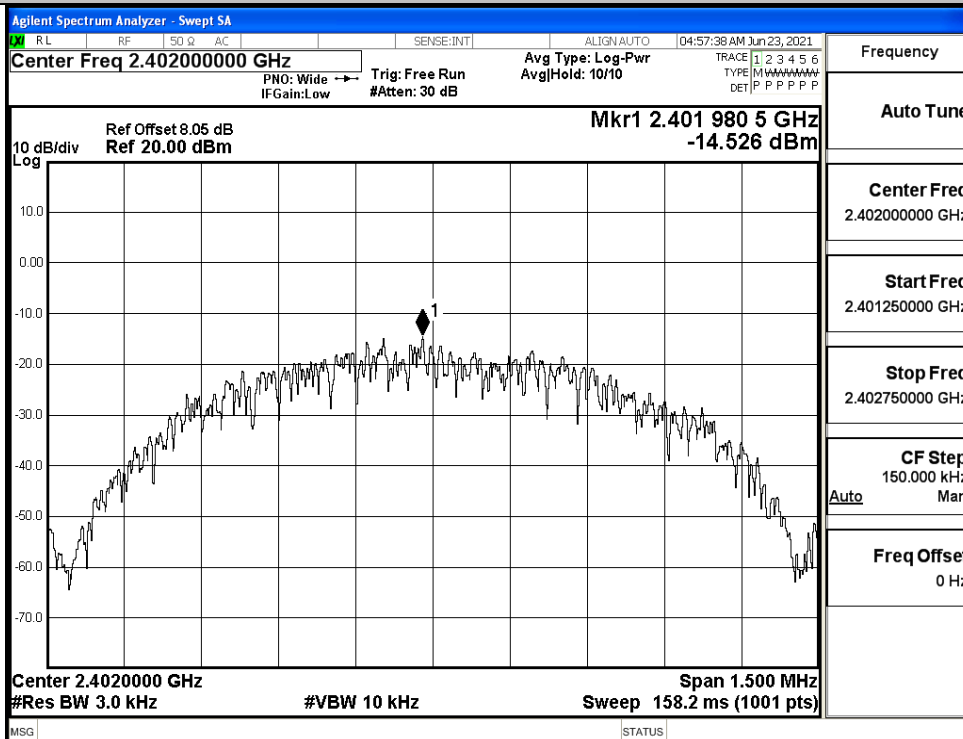


A.3 Maximum Power Spectral Density

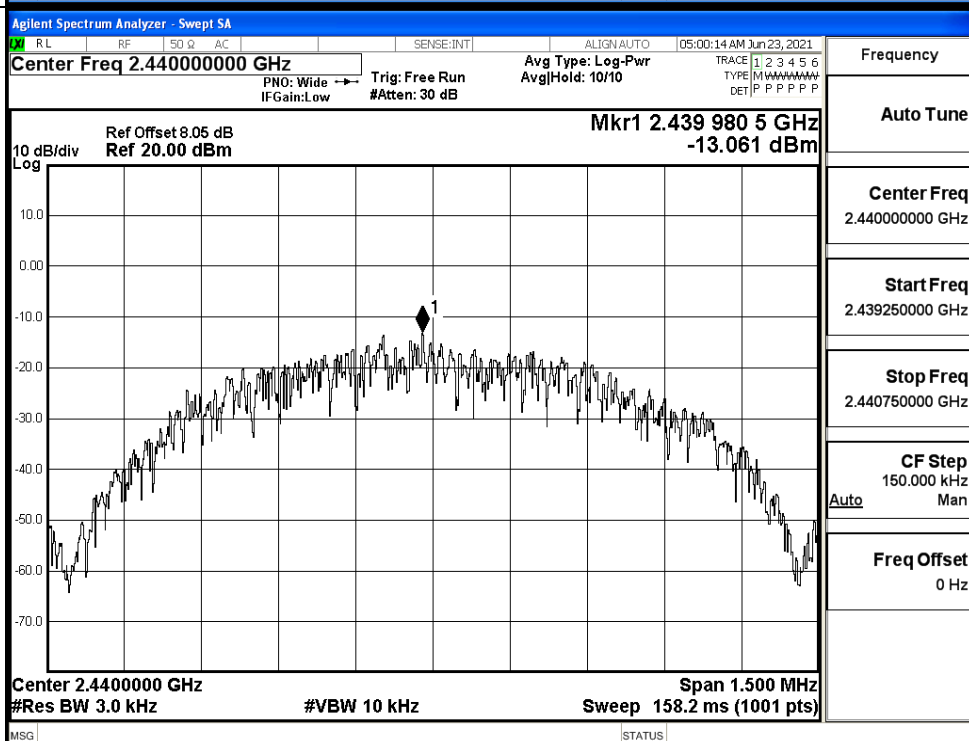
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.526	8	PASS
BT LE	MCH	-13.061	8	PASS
BT LE	HCH	-14.556	8	PASS

Test Graphs

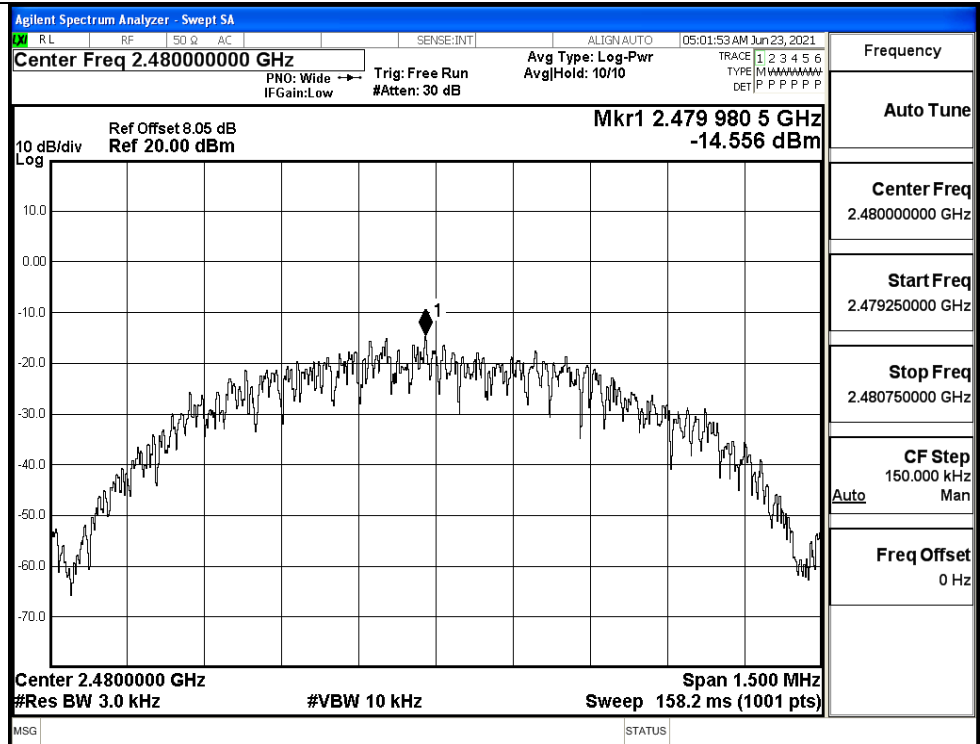
LCH



MCH



HCH

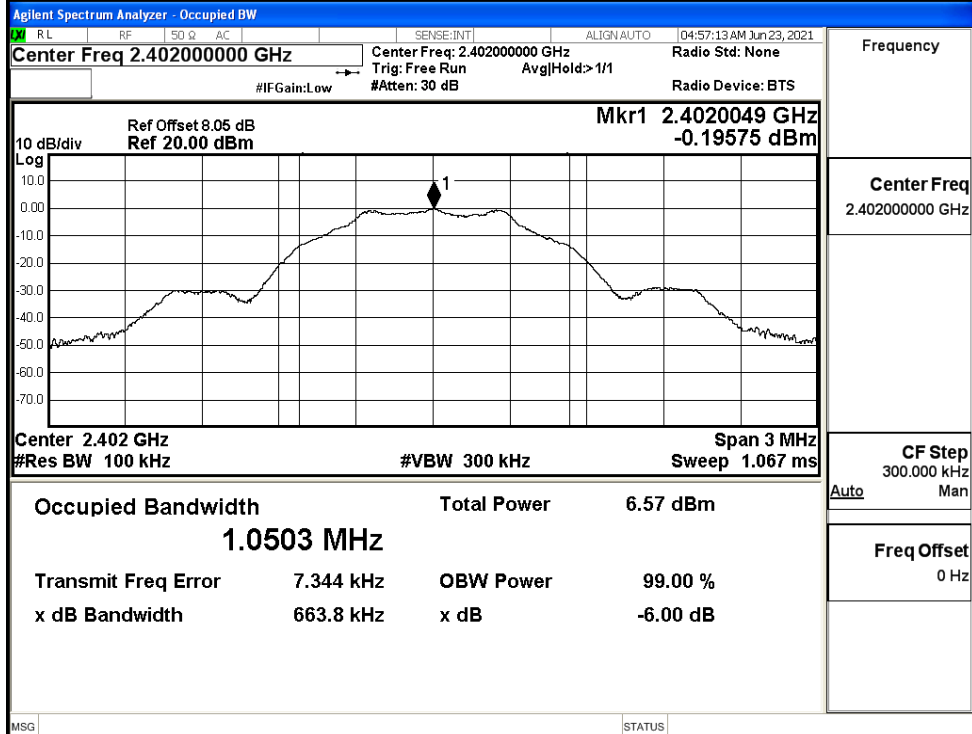


A.4 6dB Bandwidth

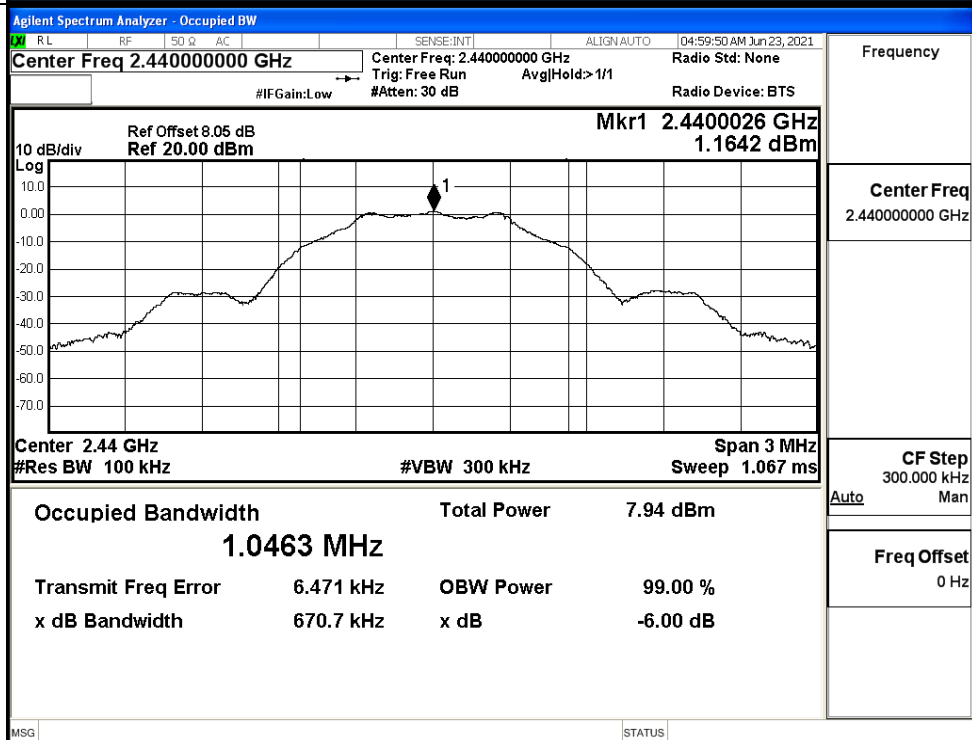
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6638	≥ 0.5	PASS
BT LE	MCH	0.6707	≥ 0.5	PASS
BT LE	HCH	0.6715	≥ 0.5	PASS

Test Graphs

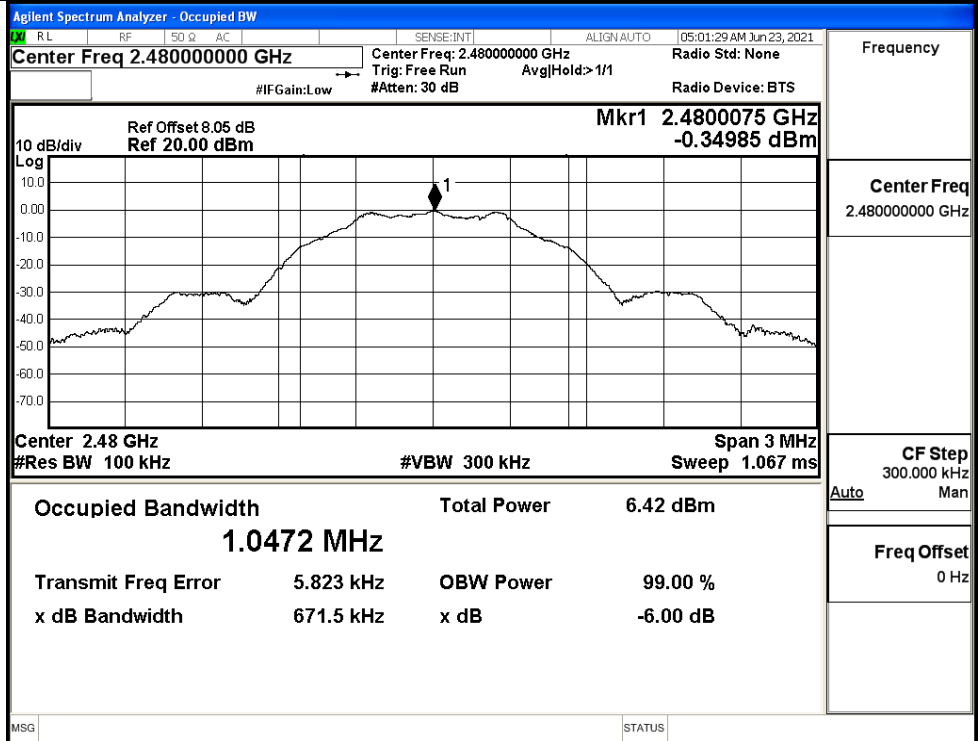
LCH



MCH



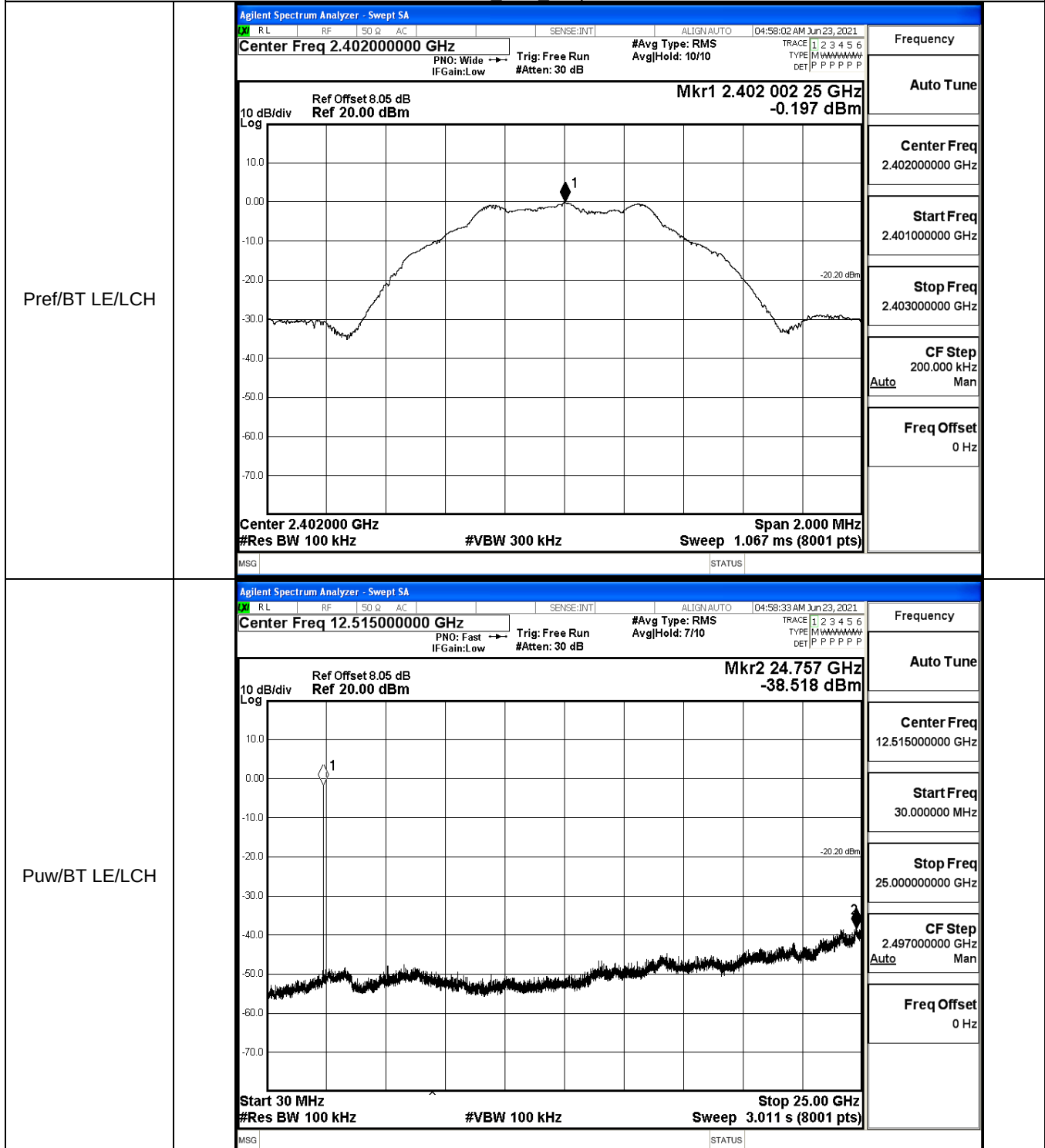
HCH



A.6 RF Conducted Spurious Emissions

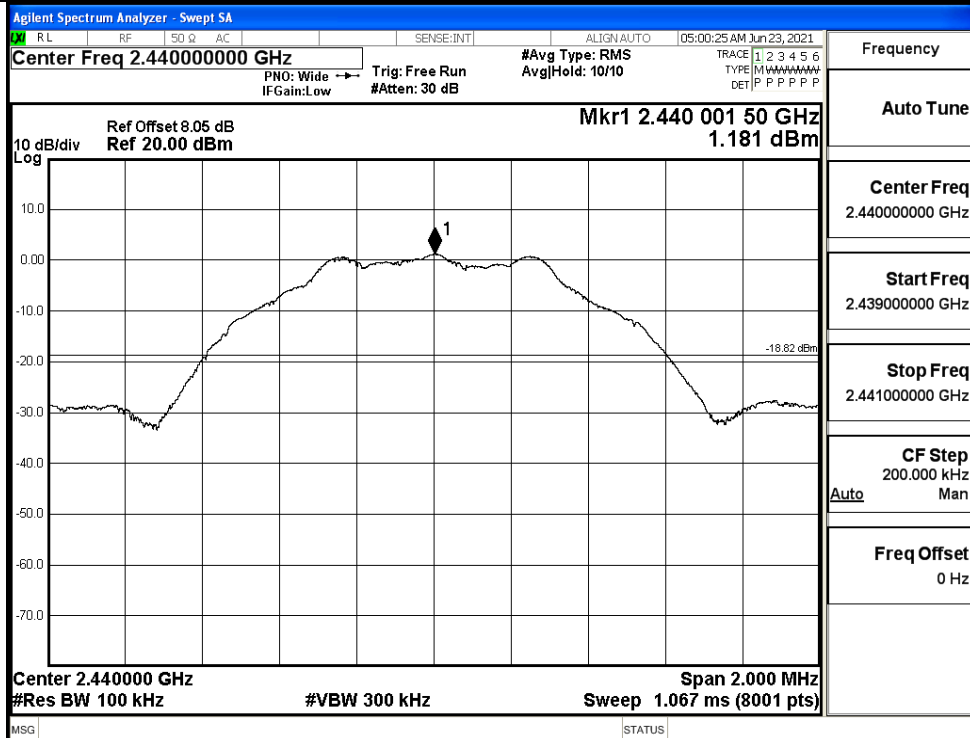
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.197	-38.518	-20.197	PASS
BT LE	MCH	1.181	-37.534	-18.819	PASS
BT LE	HCH	-0.349	-37.319	-20.349	PASS

BT LE LCH Graphs



BT LE MCH Graphs

Pref/BT LE/MCH

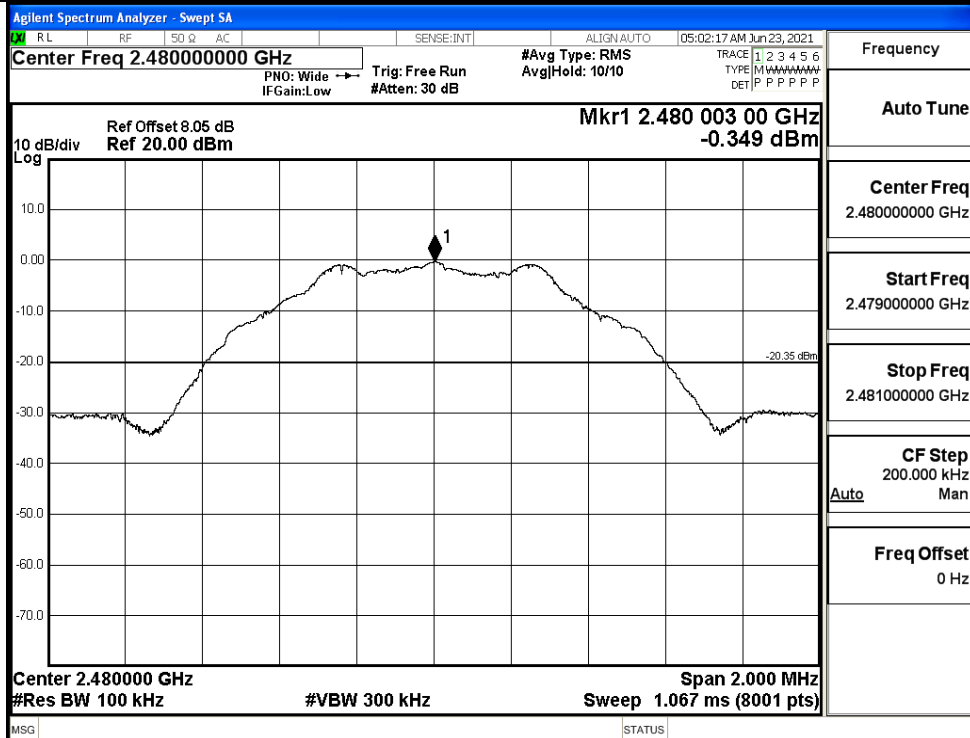


Puw/BT LE/MCH

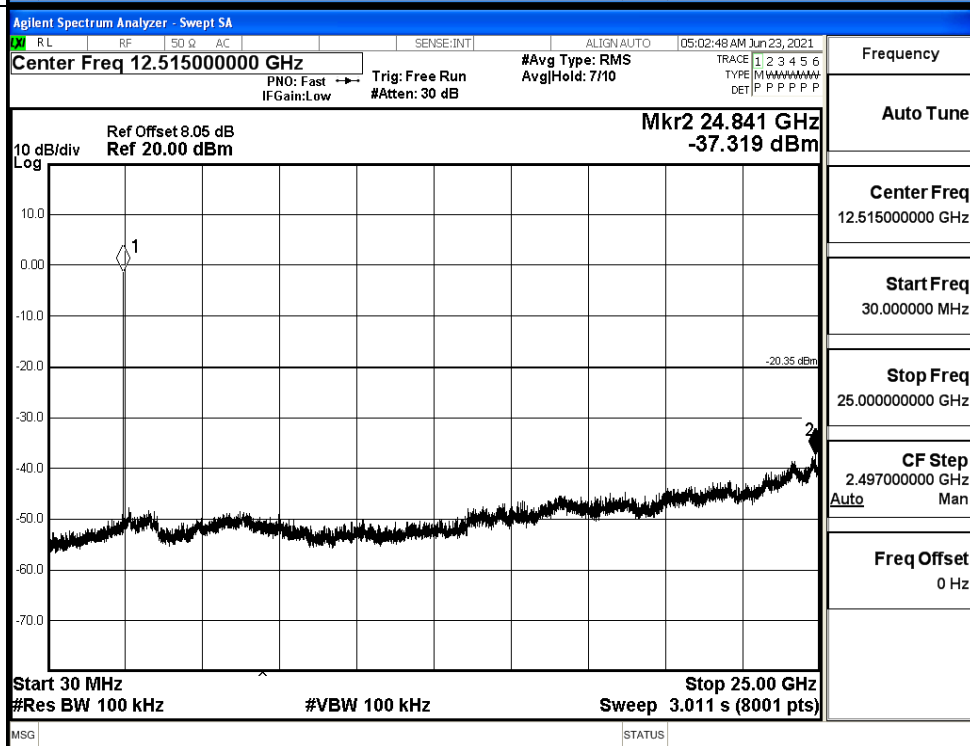


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

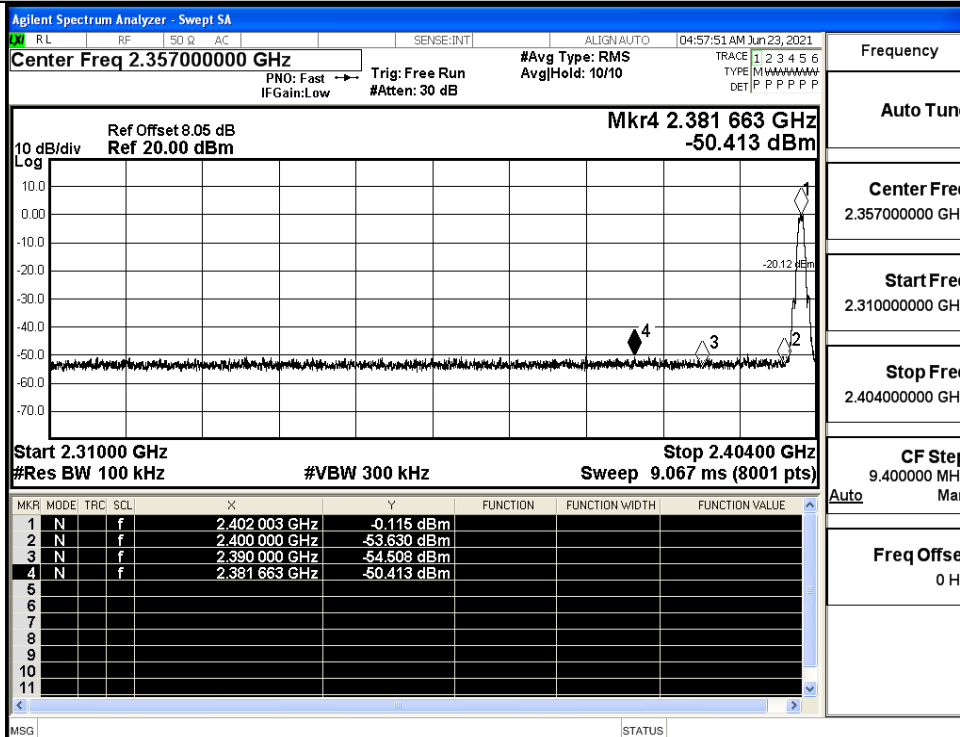


A.7 Band-edge for RF Conducted Emissions

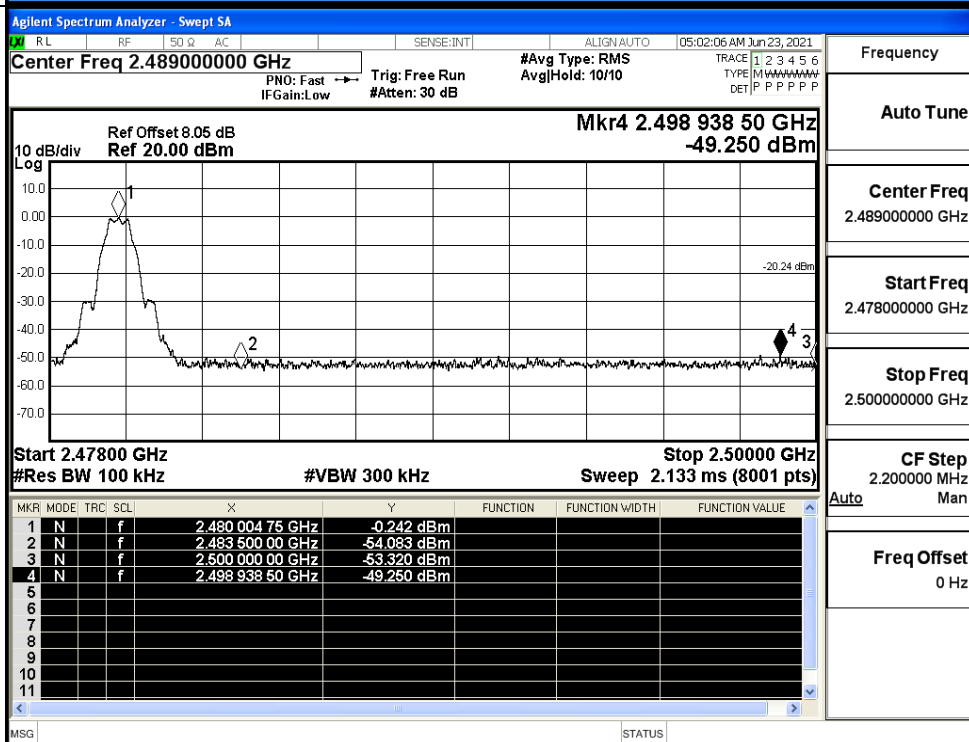
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.115	-50.413	-20.12	PASS
BT LE	HCH	-0.242	-49.250	-20.24	PASS

Test Graphs

LCH



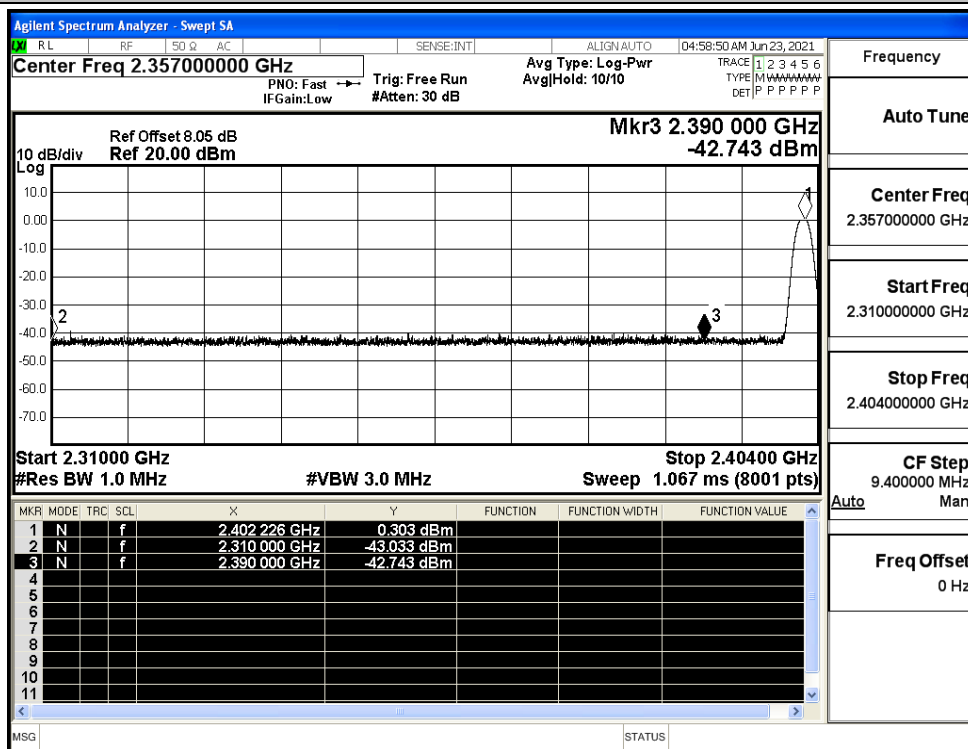
HCH



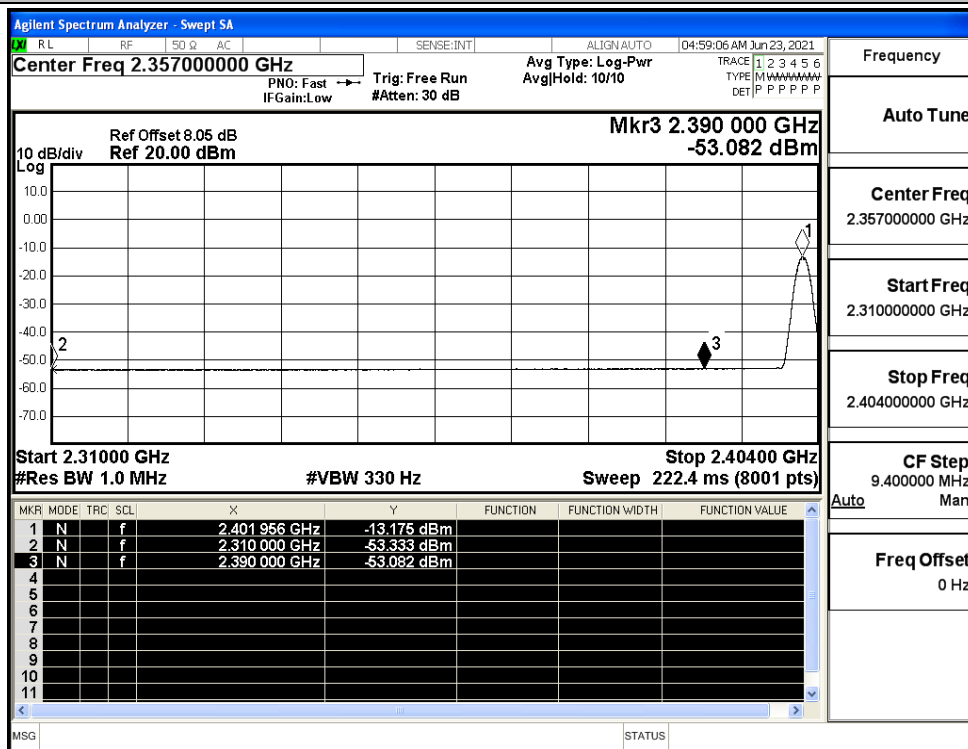
A.8 Restrict-band band-edge measurements

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	-43.03	2.0	0	54.23	PEAK	74	PASS
		Ant1	2310.0	-53.33	2.0	0	43.93	AV	54	PASS
		Ant1	2390.0	-42.74	2.0	0	54.52	PEAK	74	PASS
		Ant1	2390.0	-53.08	2.0	0	44.18	AV	54	PASS
	2480	Ant1	2483.5	-41.59	2.0	0	55.67	PEAK	74	PASS
		Ant1	2483.5	-52.58	2.0	0	44.68	AV	54	PASS
		Ant1	2500.0	-42.09	2.0	0	55.17	PEAK	74	PASS
		Ant1	2500.0	-52.36	2.0	0	44.90	AV	54	PASS

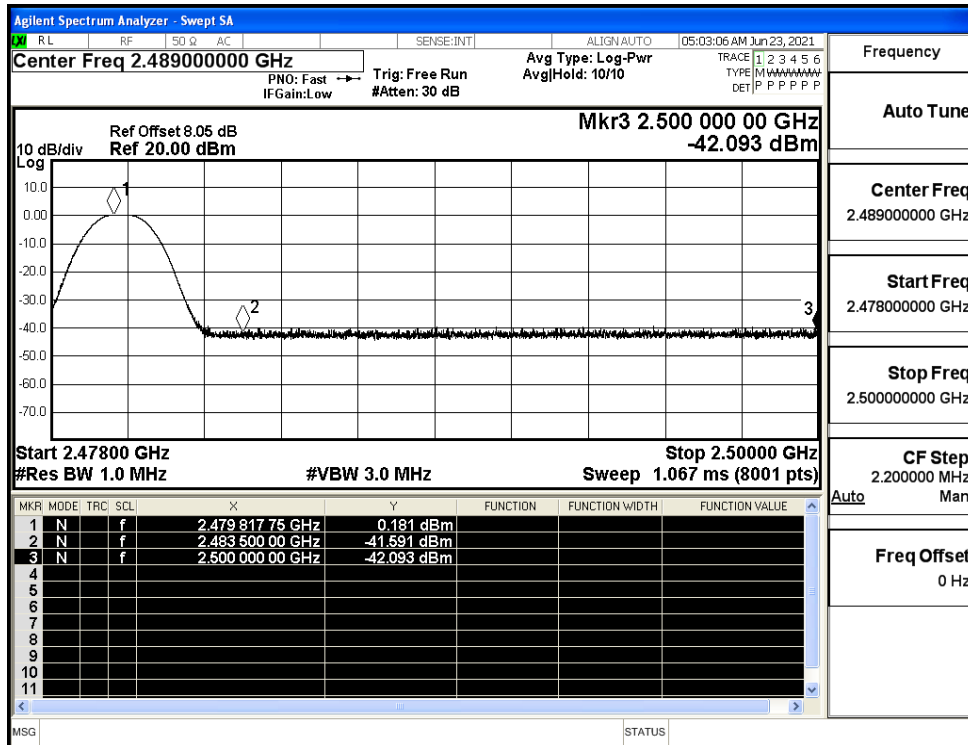
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

