

Appendix A

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

Product Name: Tripod Selfie Stick

Trade Mark: N/A

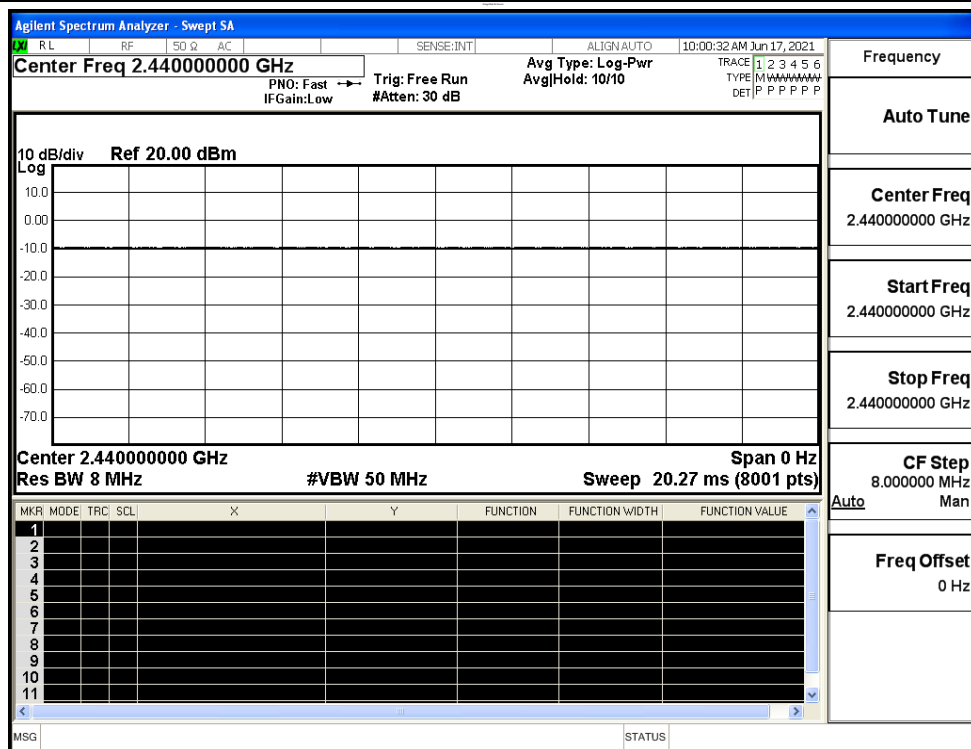
Test Model: 53804-DI

Environmental Conditions

Temperature:	21.6 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

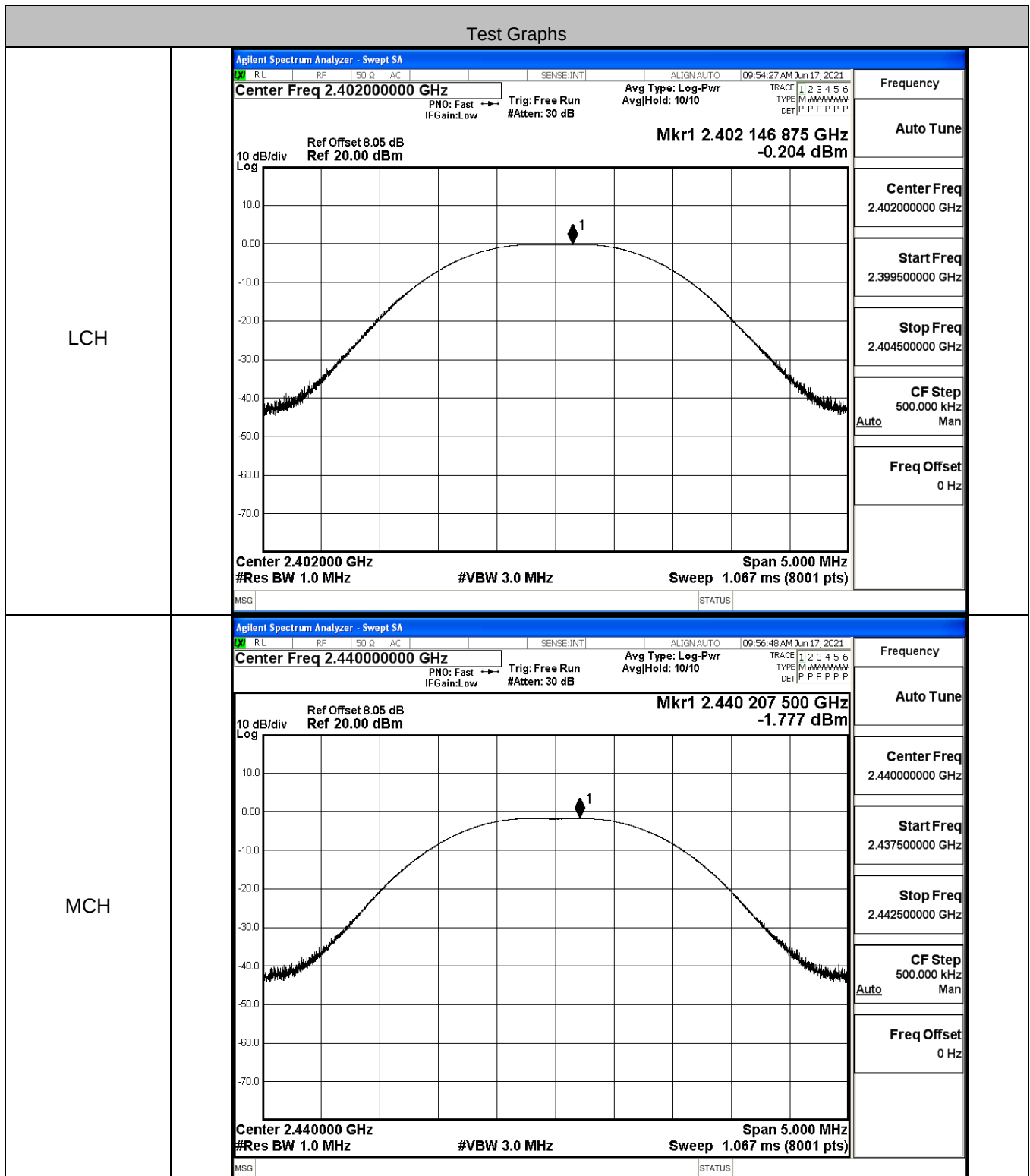
A.1 Duty Cycle

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

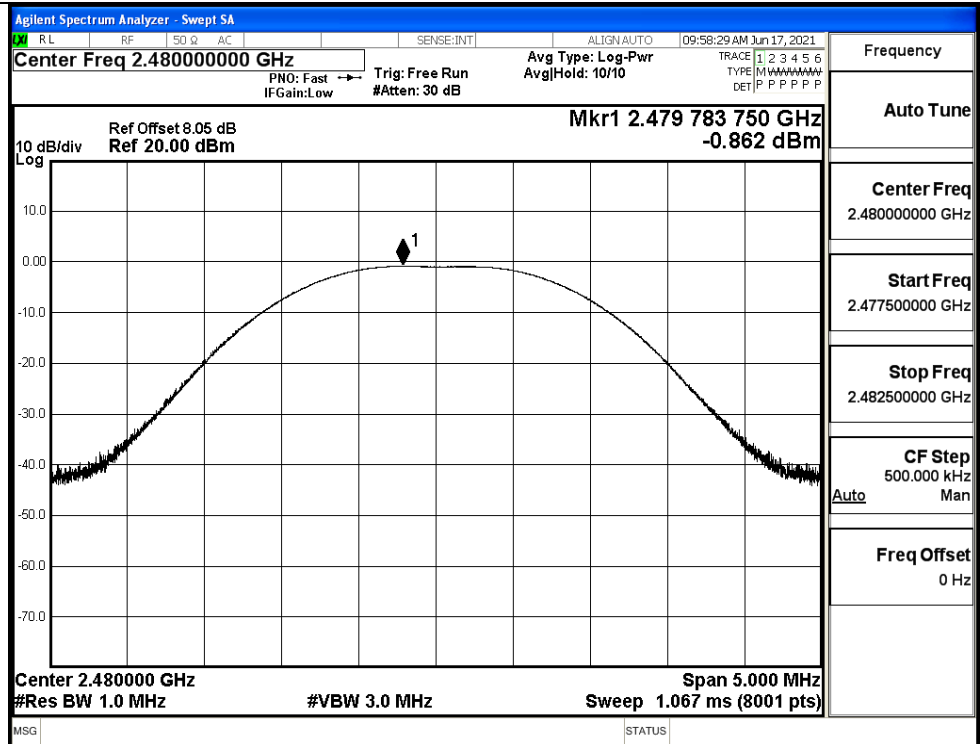


A.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.204	30	PASS
BT LE	MCH	-1.777	30	PASS
BT LE	HCH	-0.862	30	PASS



HCH

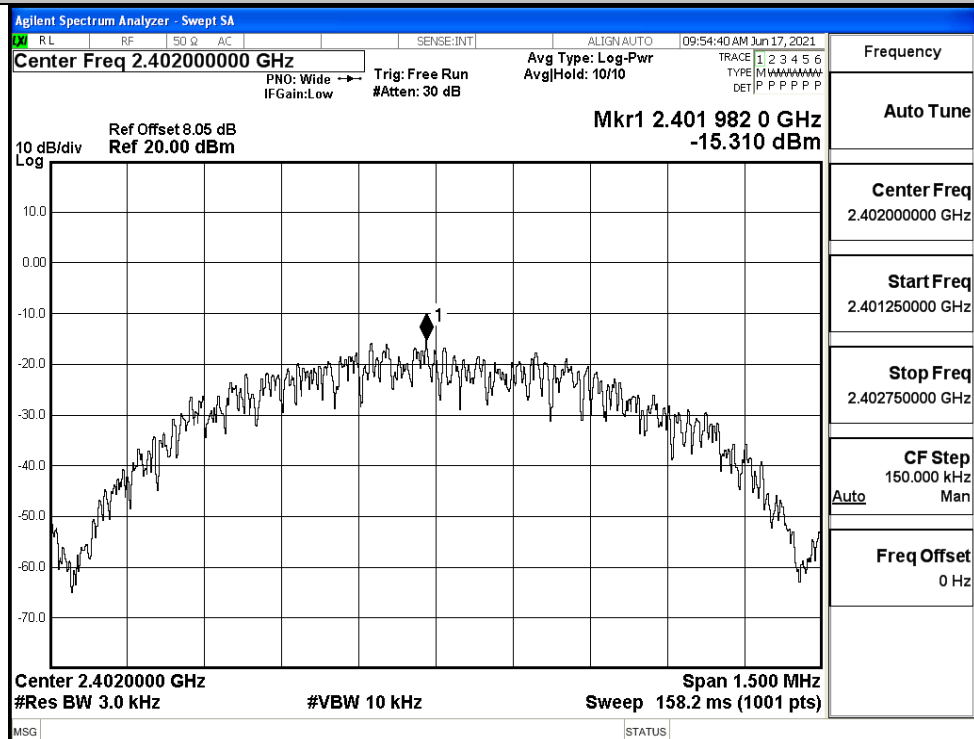


A.3 Maximum Power Spectral Density

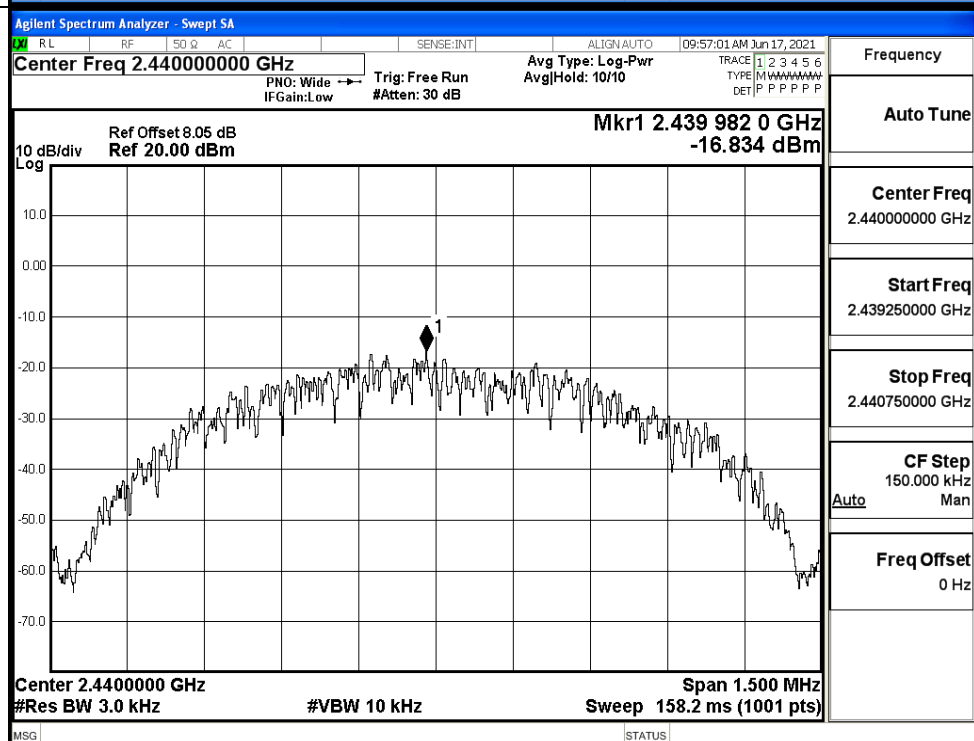
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-15.310	8	PASS
BT LE	MCH	-16.834	8	PASS
BT LE	HCH	-15.850	8	PASS

Test Graphs

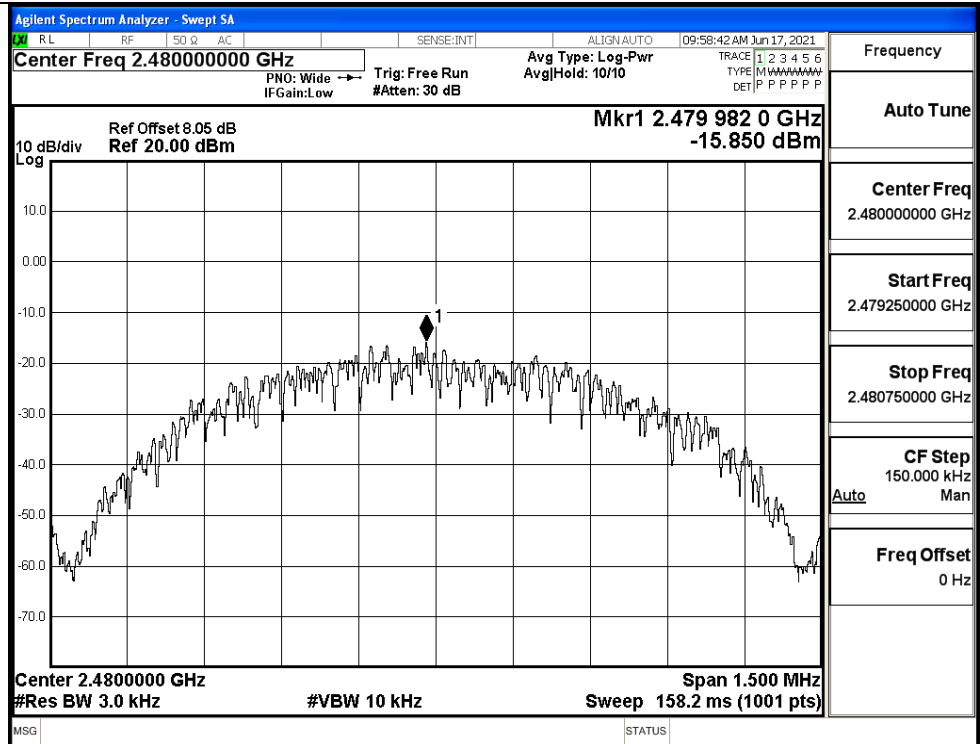
LCH



MCH



HCH

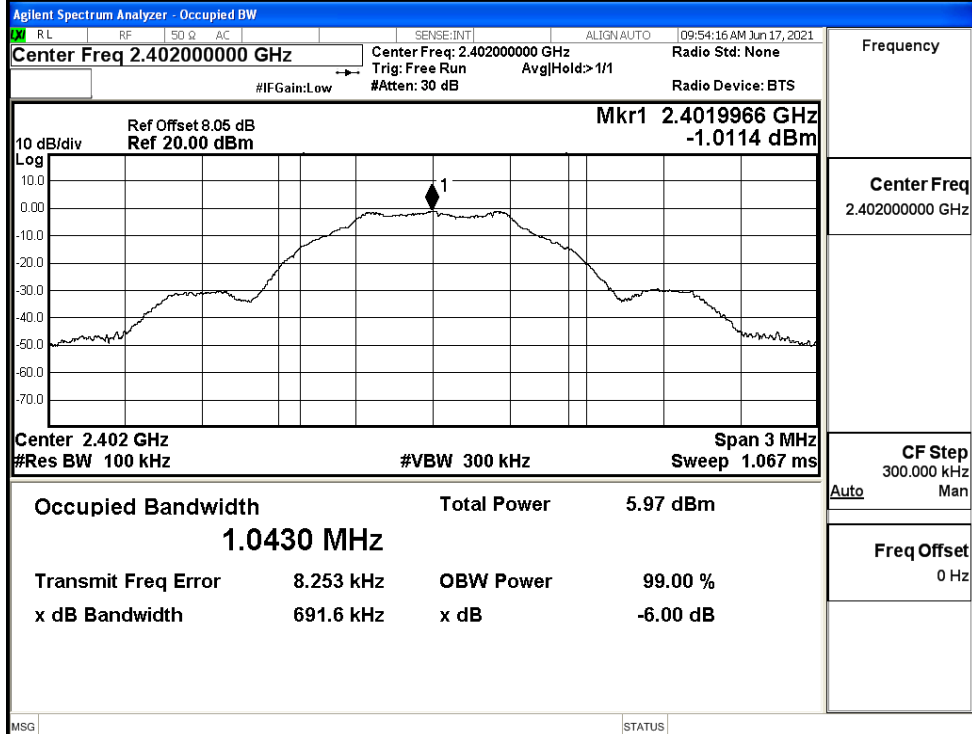


A.4 6dB Bandwidth

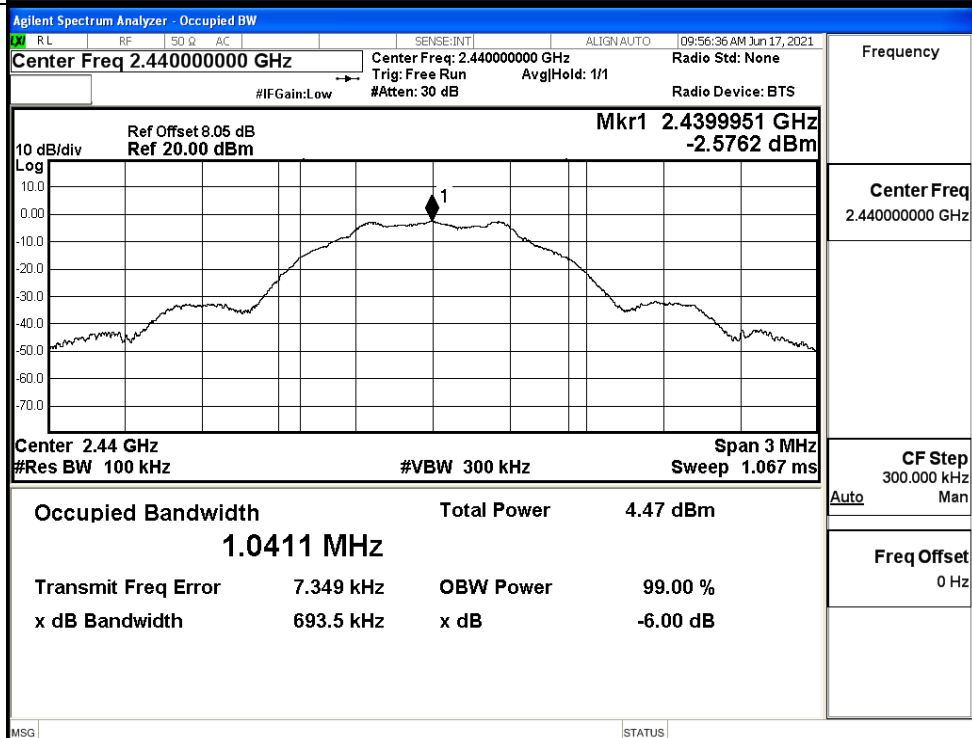
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6916	≥ 0.5	PASS
BT LE	MCH	0.6935	≥ 0.5	PASS
BT LE	HCH	0.6928	≥ 0.5	PASS

Test Graphs

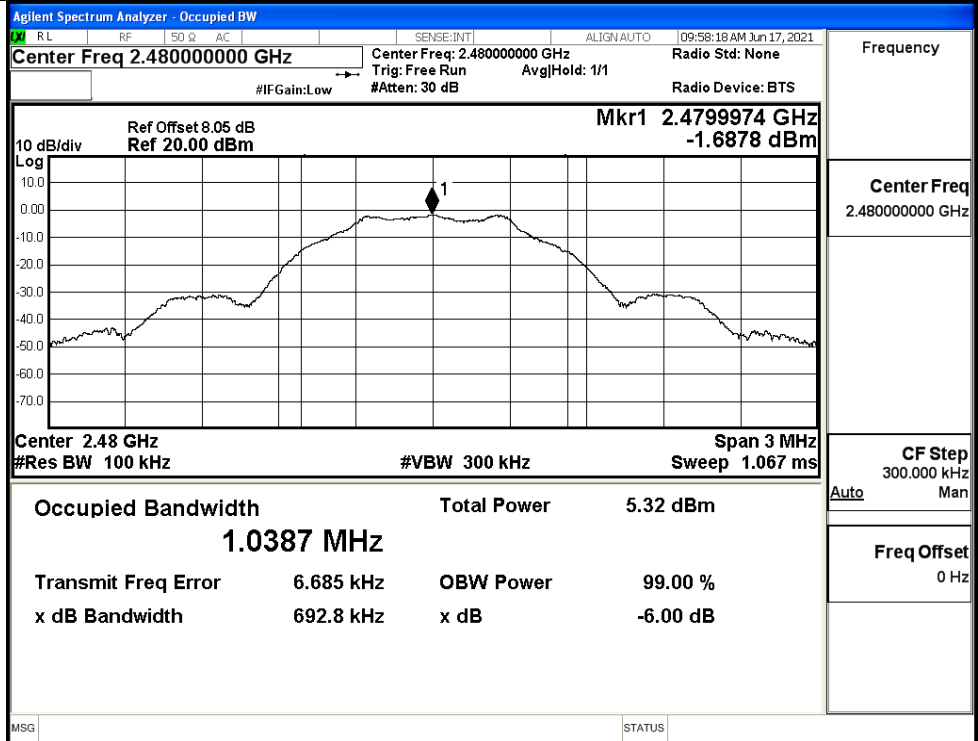
LCH



MCH



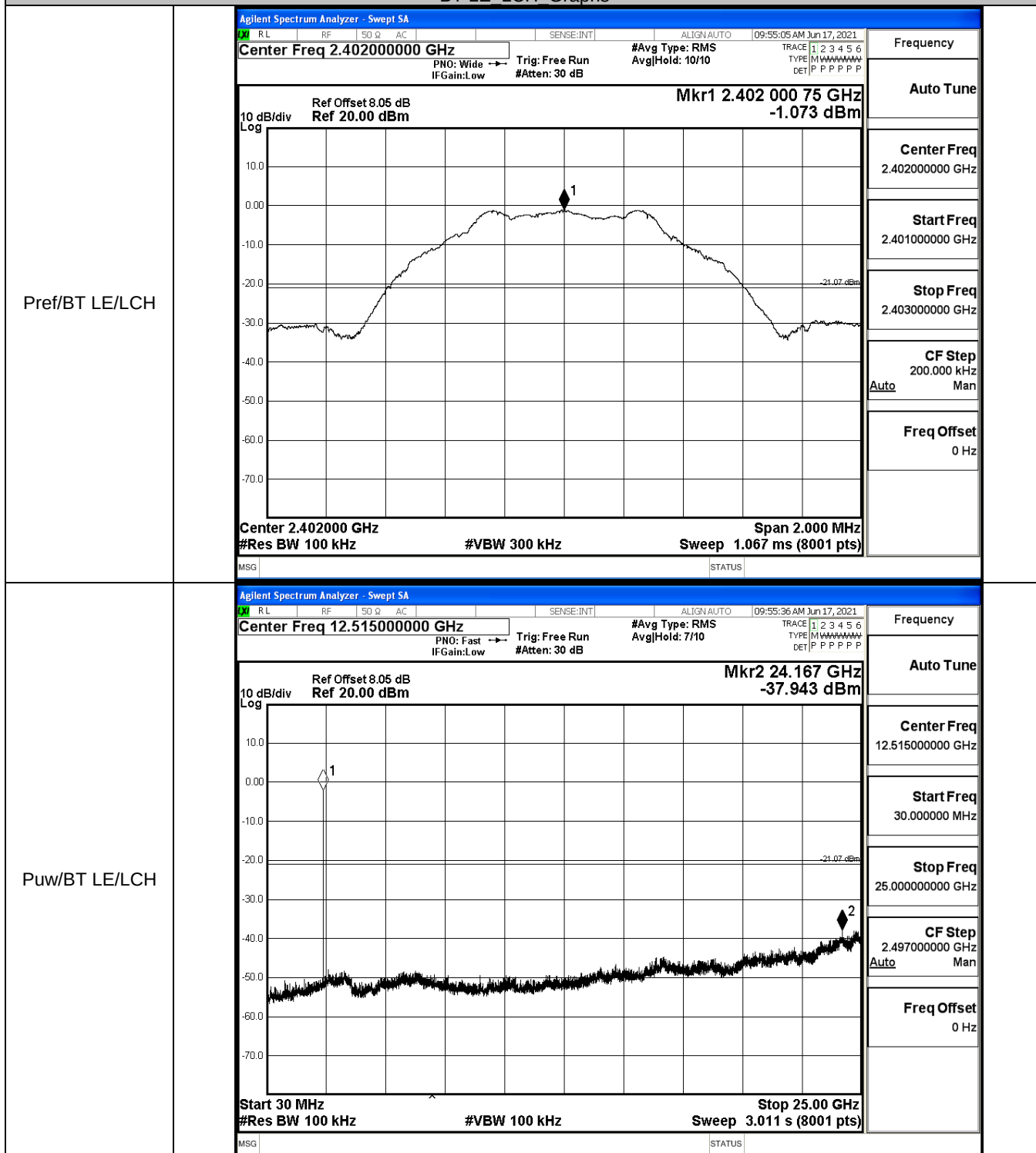
HCH



A.5 RF Conducted Spurious Emissions

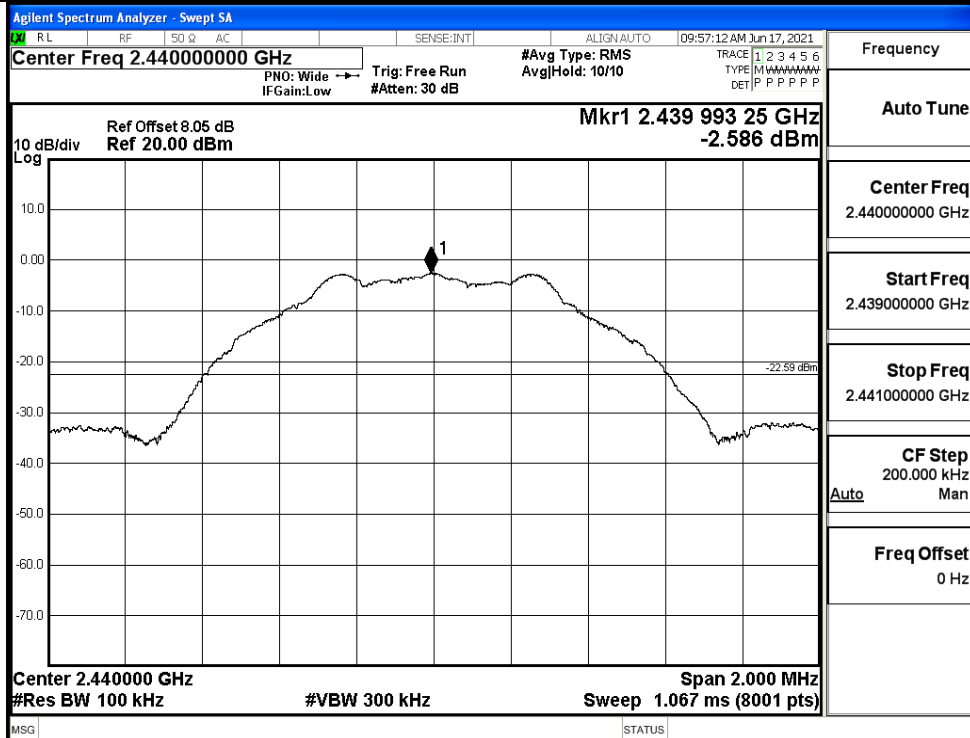
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.073	-37.943	-21.073	PASS
BT LE	MCH	-2.586	-36.986	-22.586	PASS
BT LE	HCH	-1.724	-37.574	-21.724	PASS

BT LE LCH Graphs

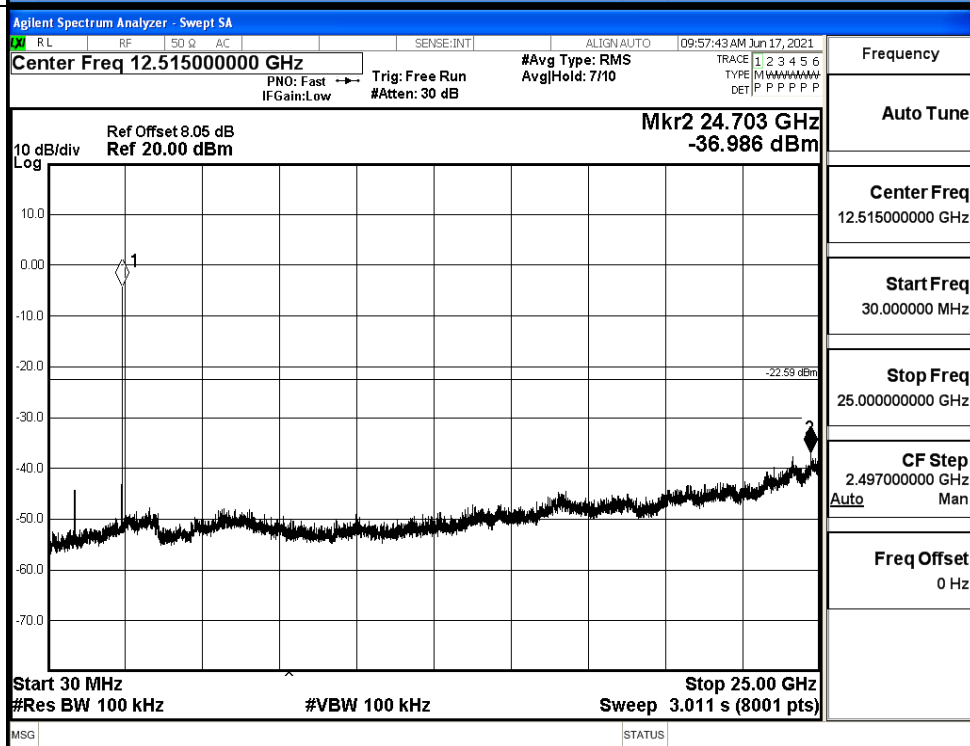


BT LE MCH Graphs

Pref/BT LE/MCH

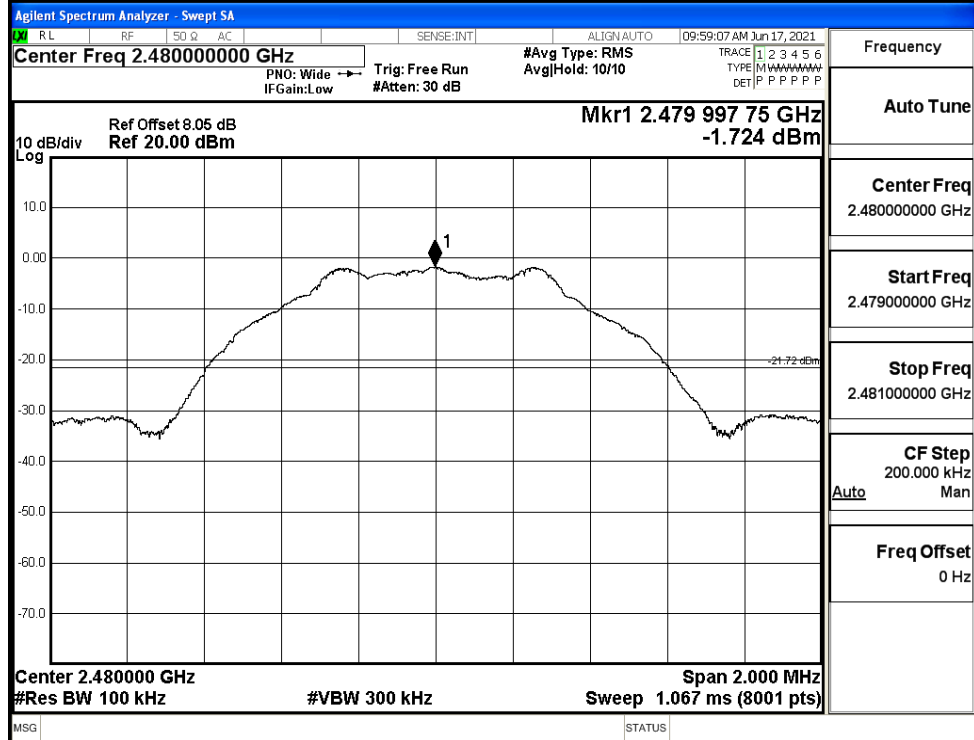


Puw/BT LE/MCH

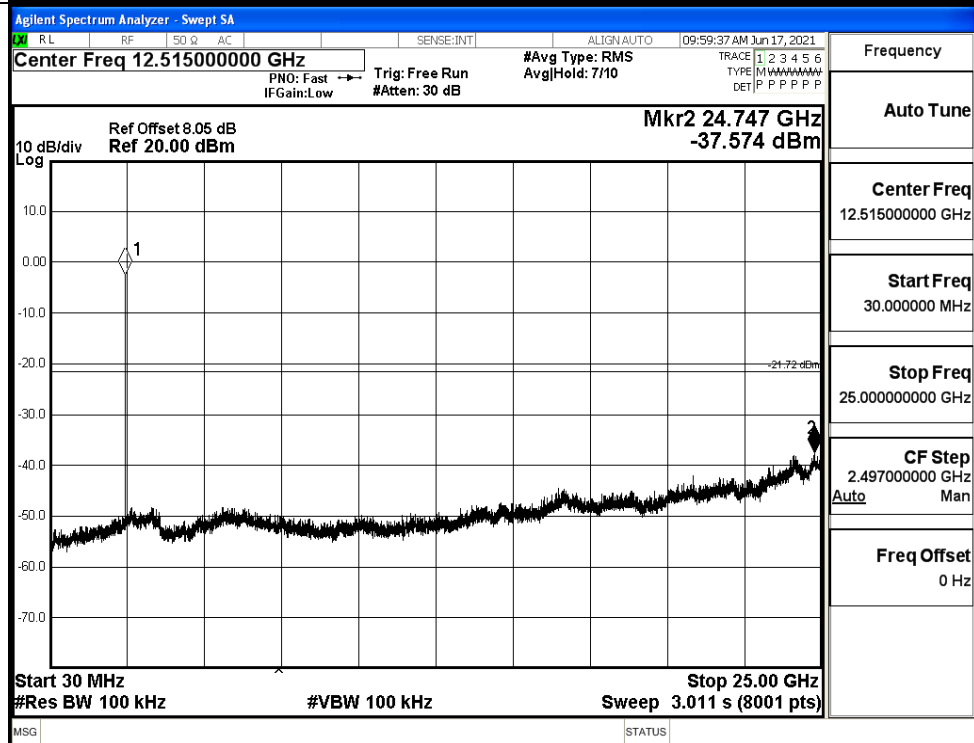


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

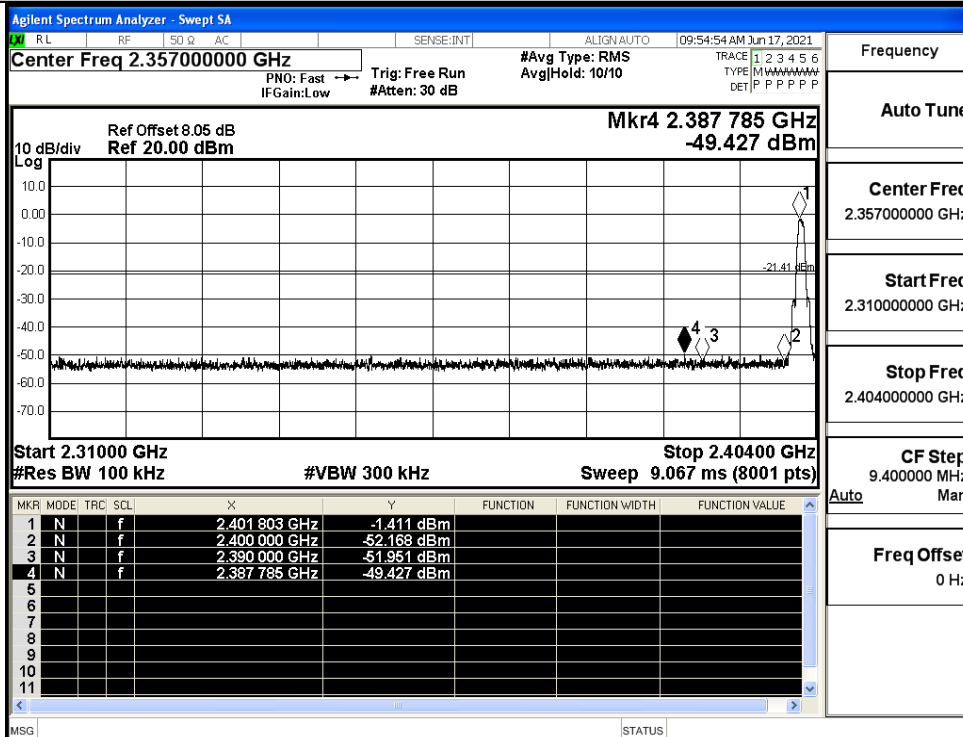


A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.411	-49.427	-21.41	PASS
BT LE	HCH	-1.477	-50.019	-21.48	PASS

Test Graphs

LCH



Frequency

Auto Tune

Center Freq

2.357000000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.404000000 GHz

CF Step

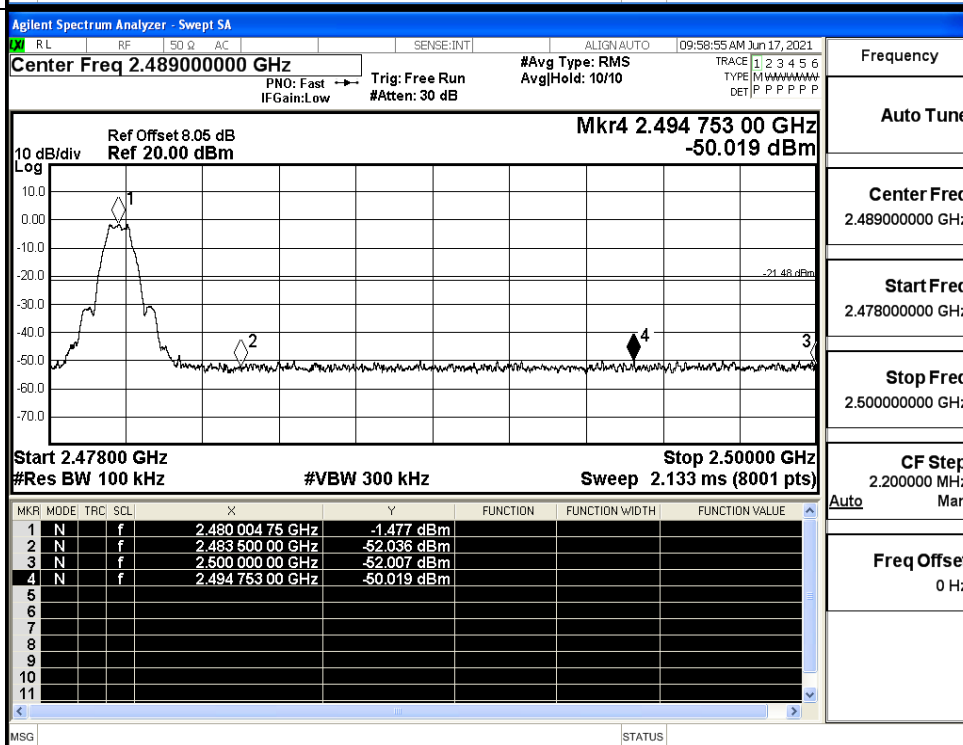
9.400000 MHz

Auto Man

Freq Offset

0 Hz

HCH



Frequency

Auto Tune

Center Freq

2.489000000 GHz

Start Freq

2.478000000 GHz

Stop Freq

2.500000000 GHz

CF Step

2.200000 MHz

Auto Man

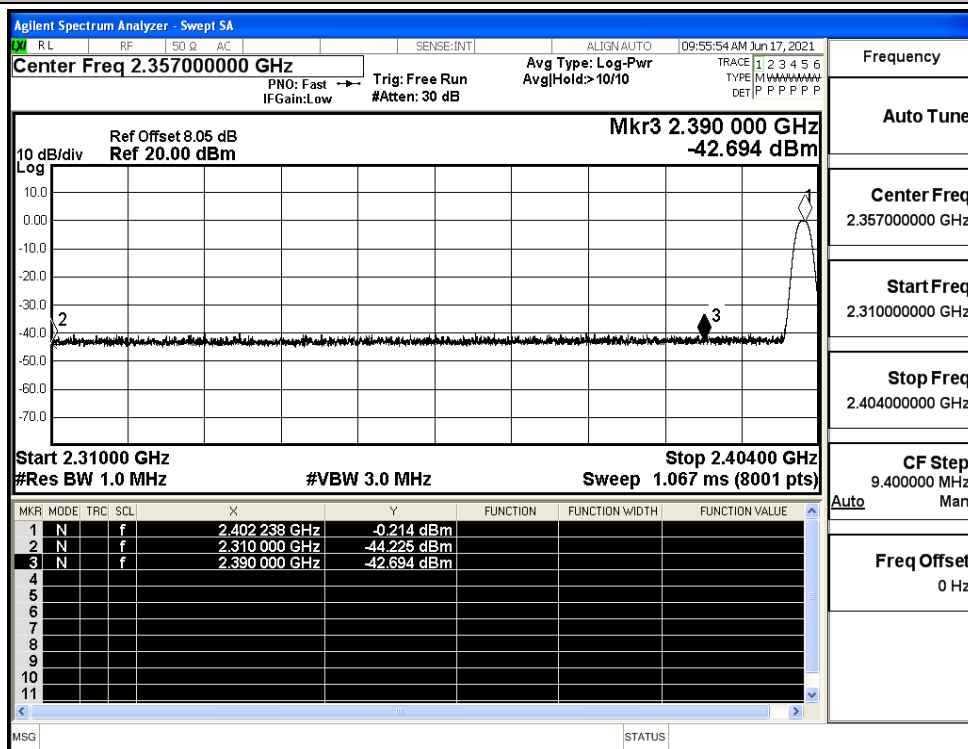
Freq Offset

0 Hz

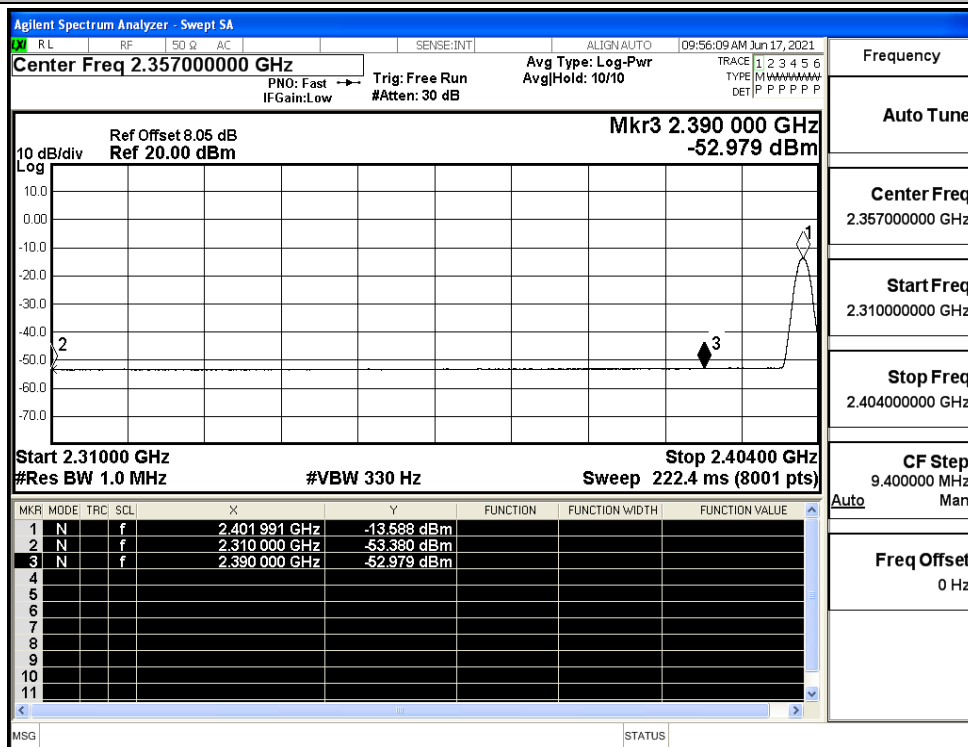
A.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
BT LE	2402	Ant1	2310.0	-44.23	2.0	0	51.03	PEAK	74	PASS
		Ant1	2310.0	-53.38	2.0	0	41.88	AV	54	PASS
		Ant1	2390.0	-42.69	2.0	0	52.56	PEAK	74	PASS
		Ant1	2390.0	-52.98	2.0	0	42.28	AV	54	PASS
	2480	Ant1	2483.5	-43.13	2.0	0	52.13	PEAK	74	PASS
		Ant1	2483.5	-52.59	2.0	0	42.67	AV	54	PASS
		Ant1	2500.0	-42.01	2.0	0	53.25	PEAK	74	PASS
		Ant1	2500.0	-52.32	2.0	0	42.94	AV	54	PASS

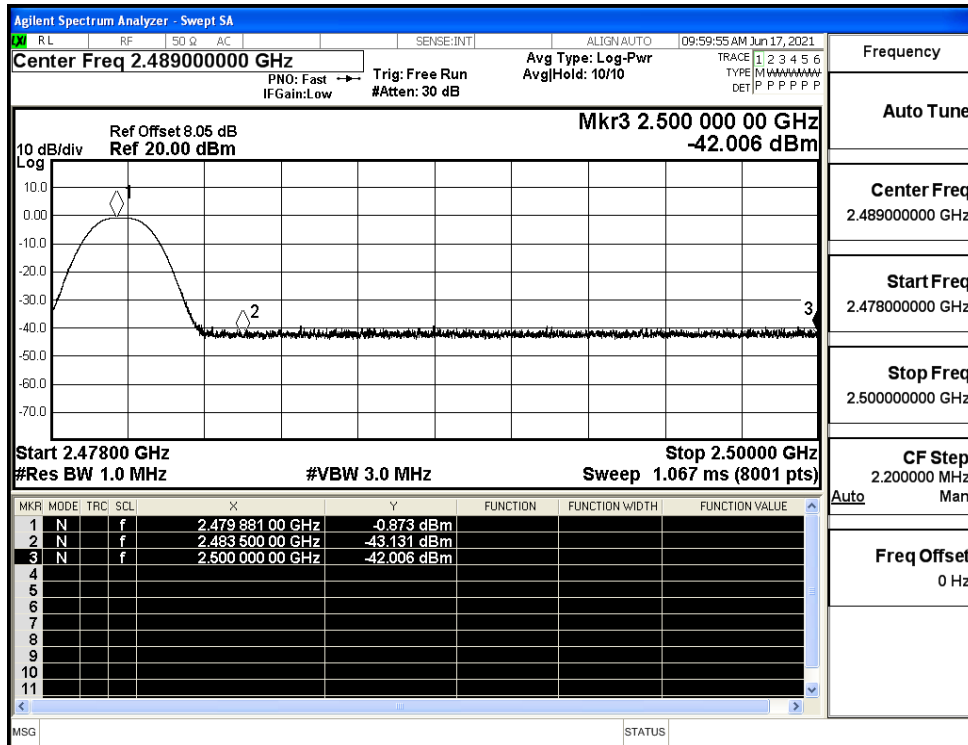
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

