

Appendix A

RF Test Data for BT V4.2(BT LE) (Conducted Measurement)

Product Name: Tripod Selfie Stick

Trade Mark: CJ TECH

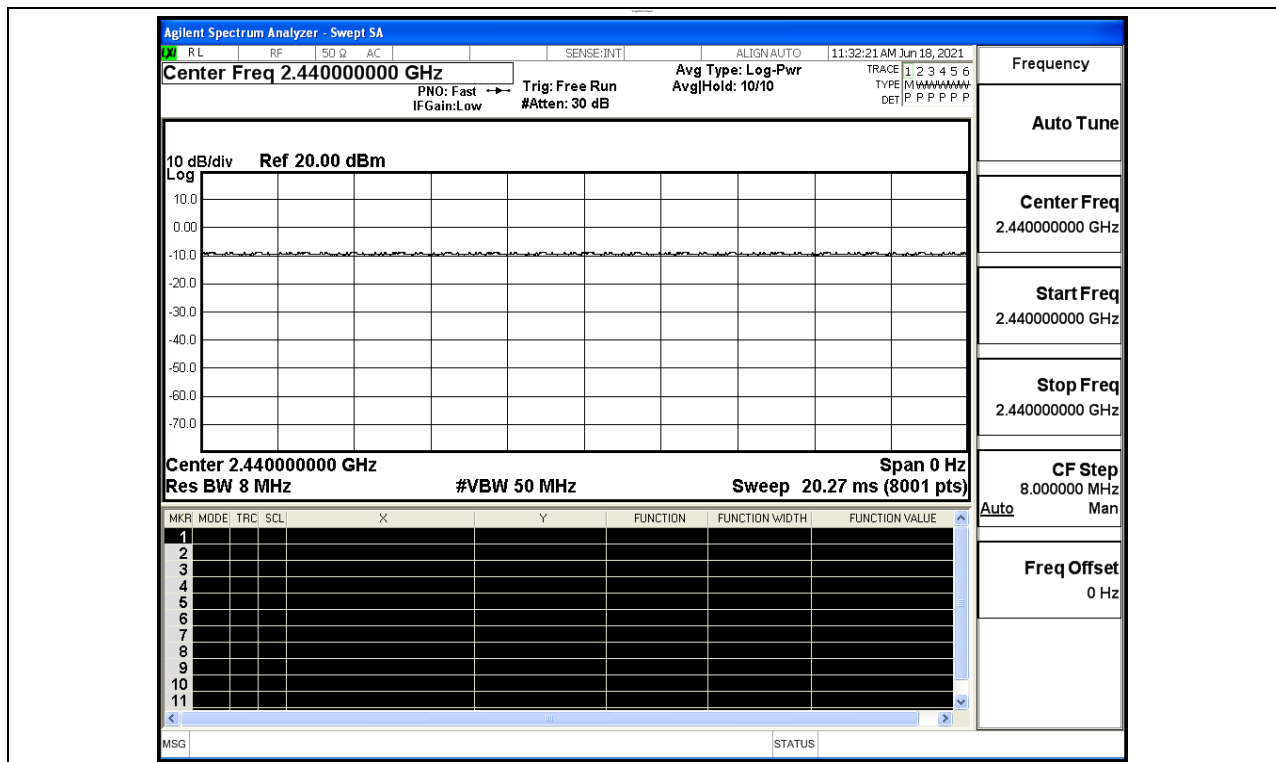
Test Model: 53834-DI

Environmental Conditions

Temperature:	22.6°C
Relative Humidity:	53.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan

A.1 Duty Cycle

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

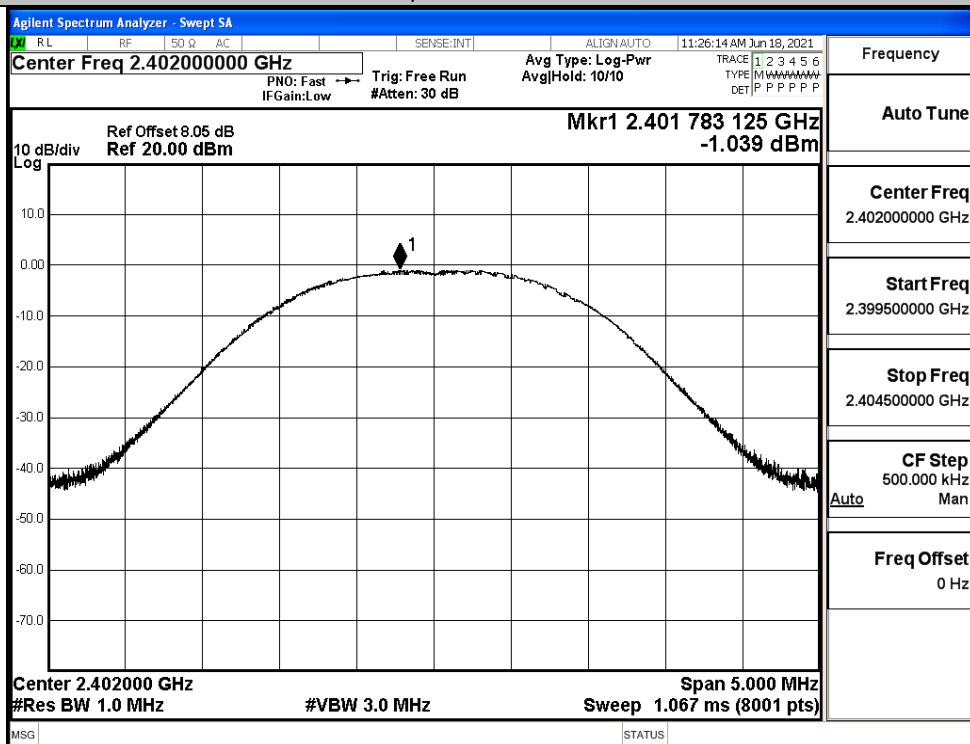


A.2 Maximum Conducted Peak Output Power

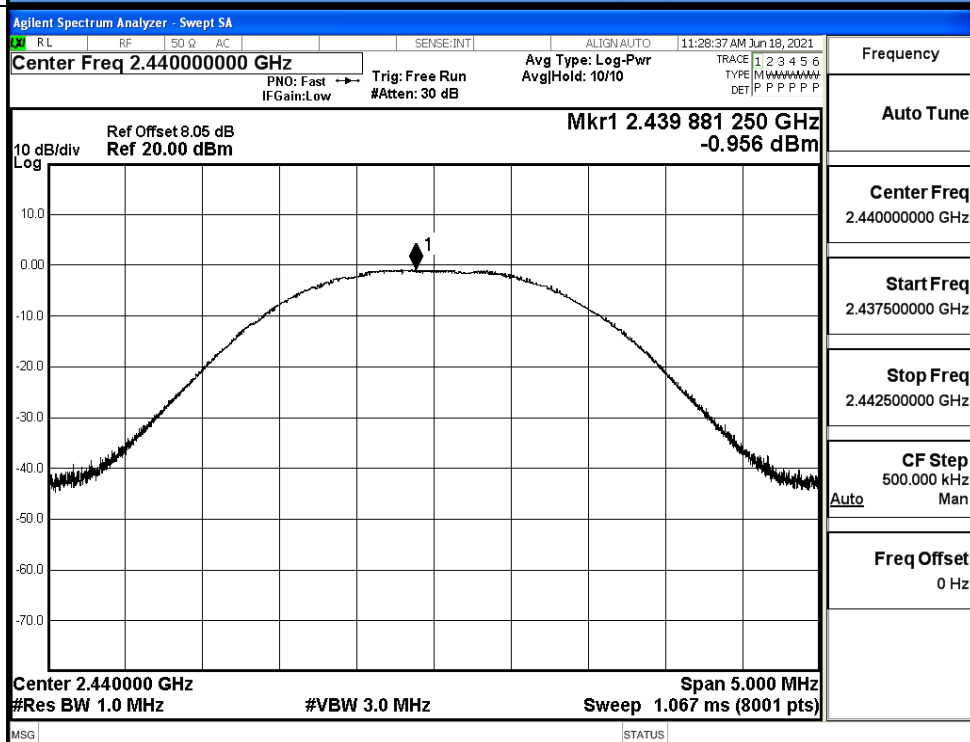
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.039	30	PASS
BT LE	MCH	-0.956	30	PASS
BT LE	HCH	-0.542	30	PASS

Test Graphs

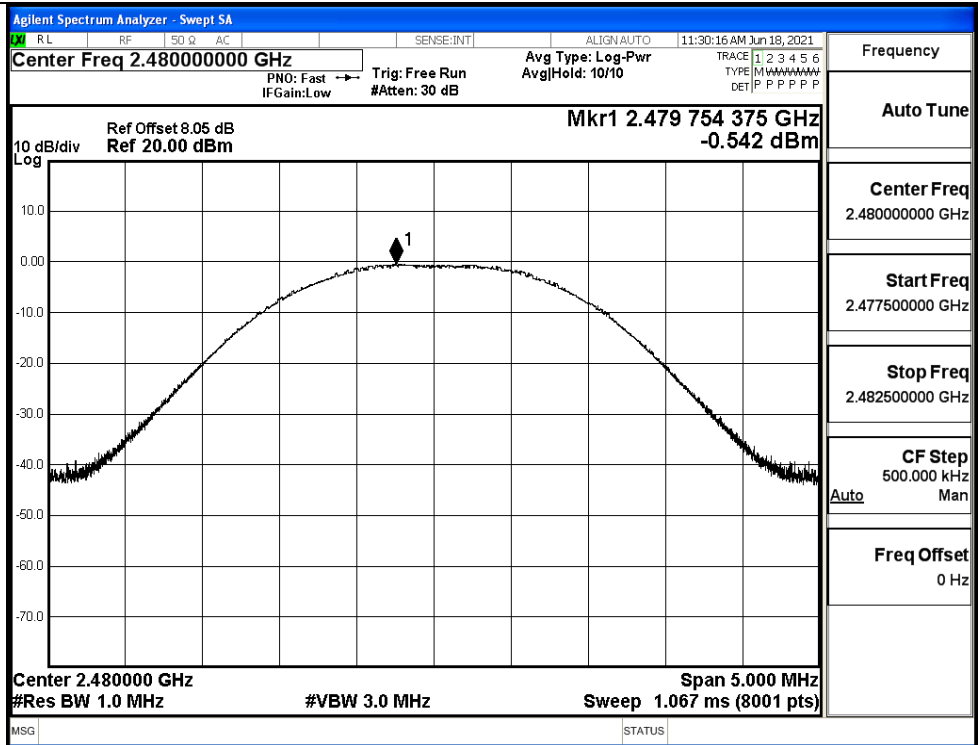
LCH



MCH



HCH

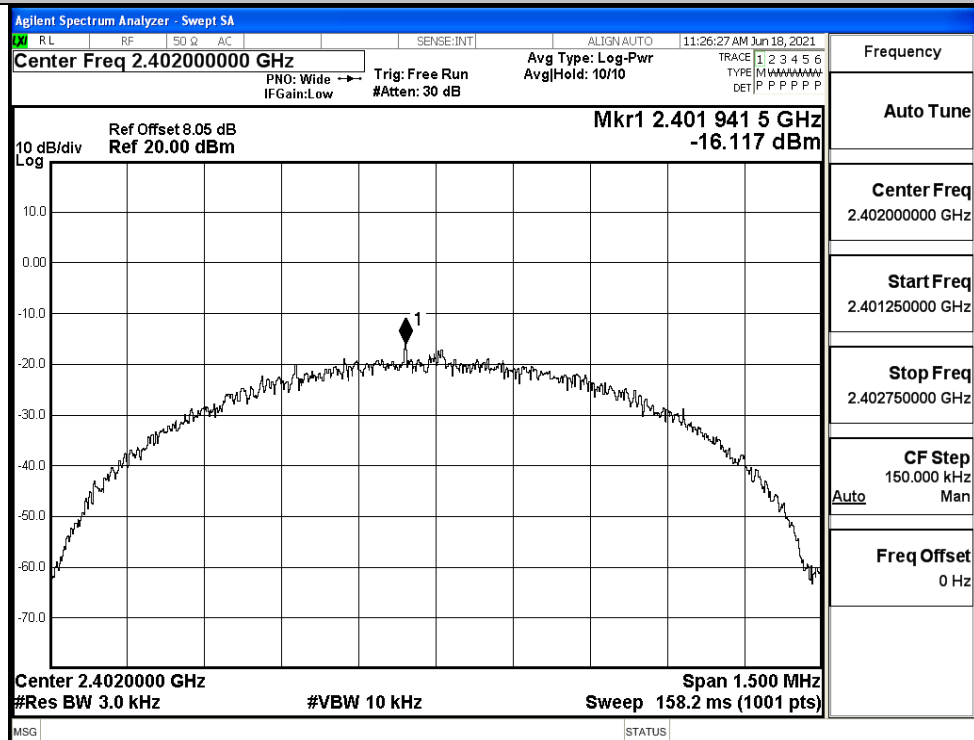


A.3 Maximum Power Spectral Density

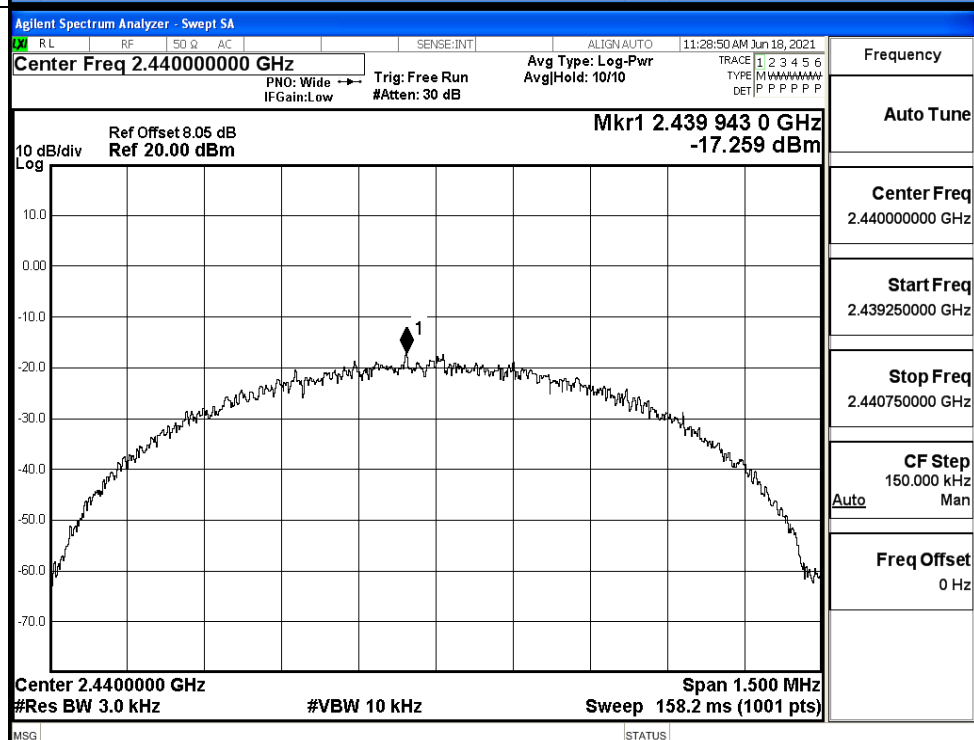
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-16.117	8	PASS
BT LE	MCH	-17.259	8	PASS
BT LE	HCH	-17.014	8	PASS

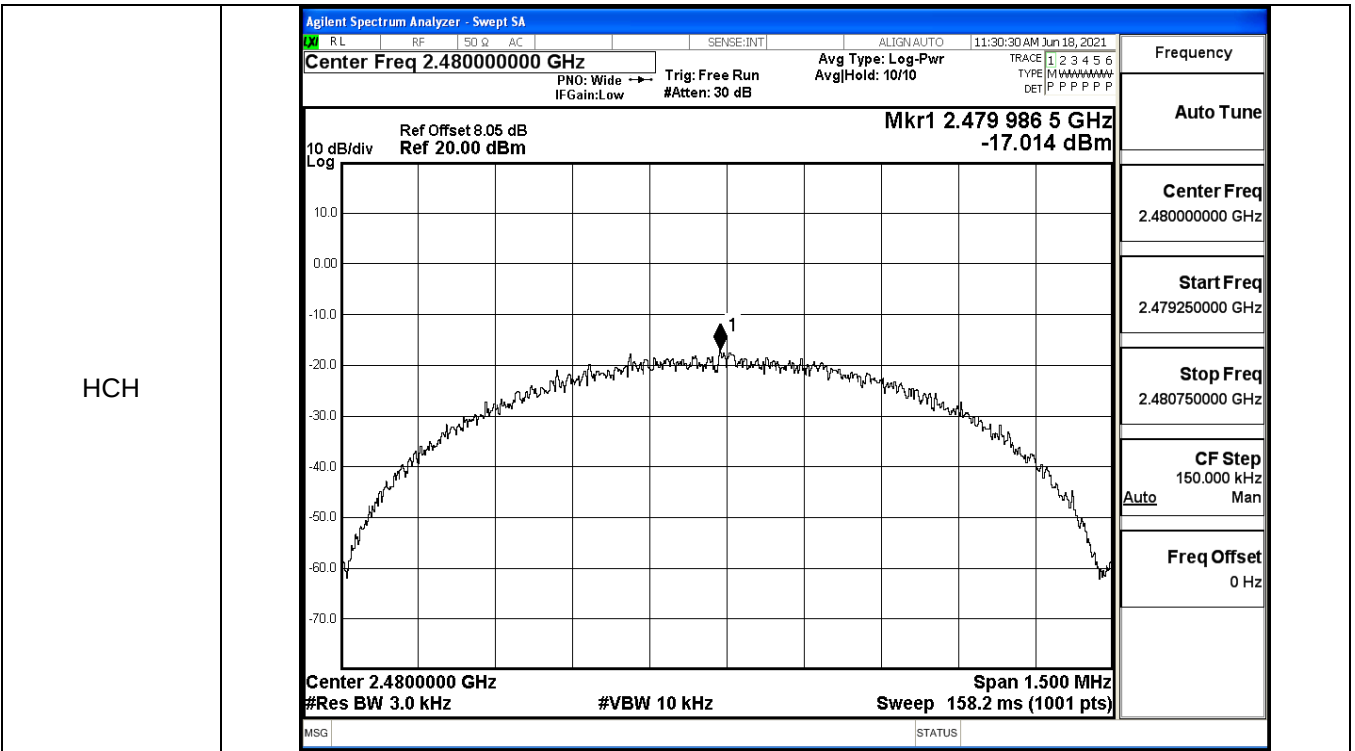
Test Graphs

LCH



MCH



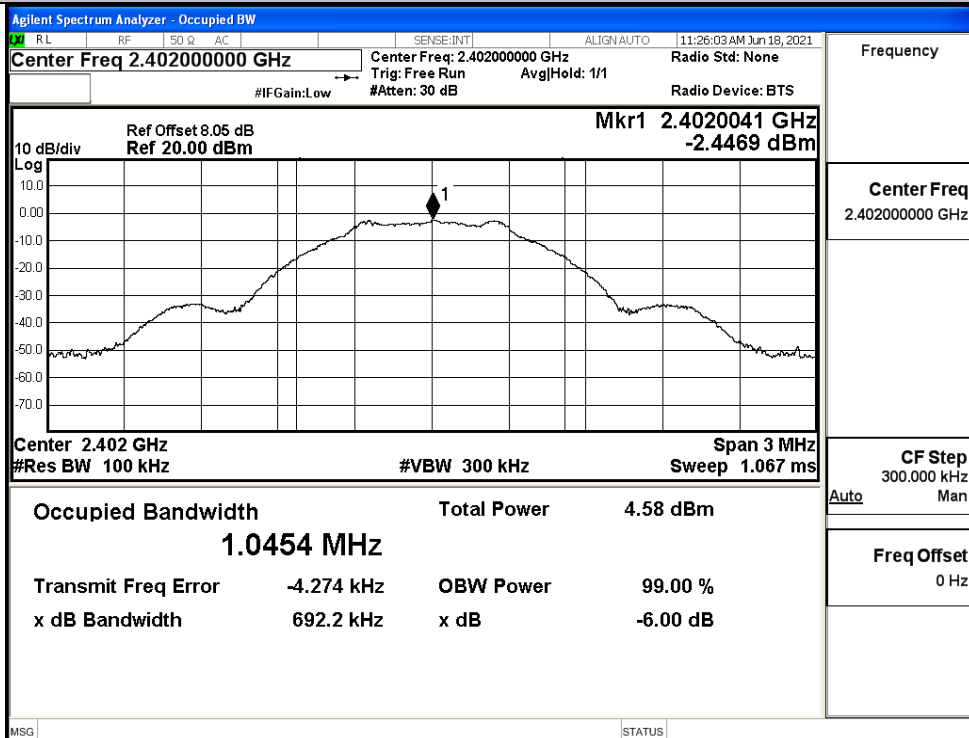


A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6922	≥ 0.5	PASS
BT LE	MCH	0.6851	≥ 0.5	PASS
BT LE	HCH	0.6862	≥ 0.5	PASS

Test Graphs

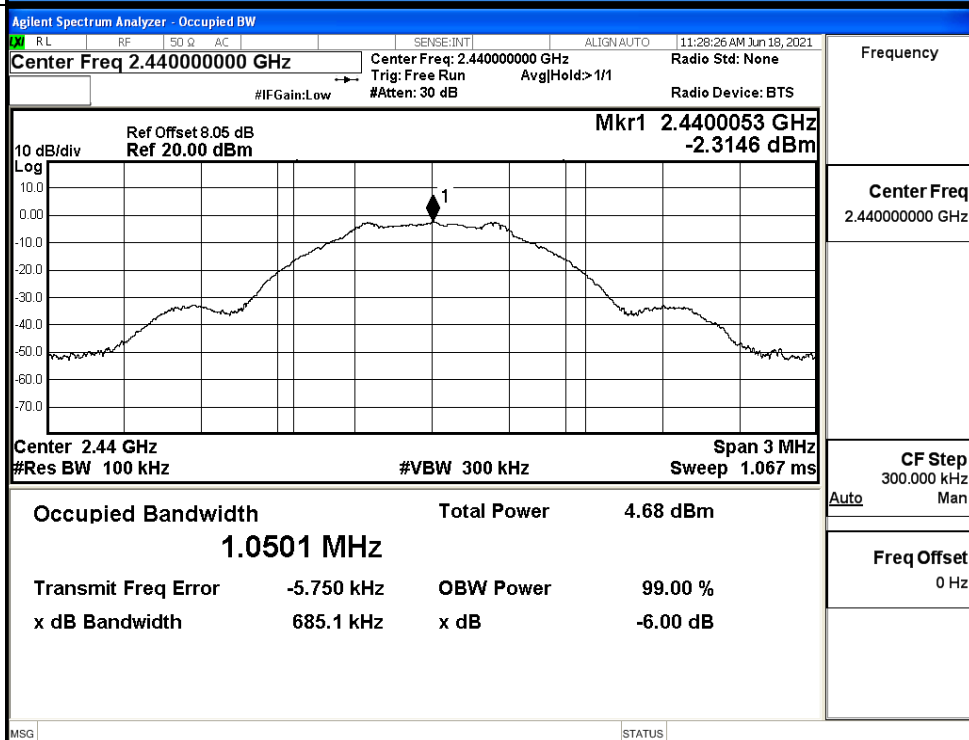
LCH



Frequency

Center Freq
2.402000000 GHzCF Step
300.000 kHz
Auto ManFreq Offset
0 Hz

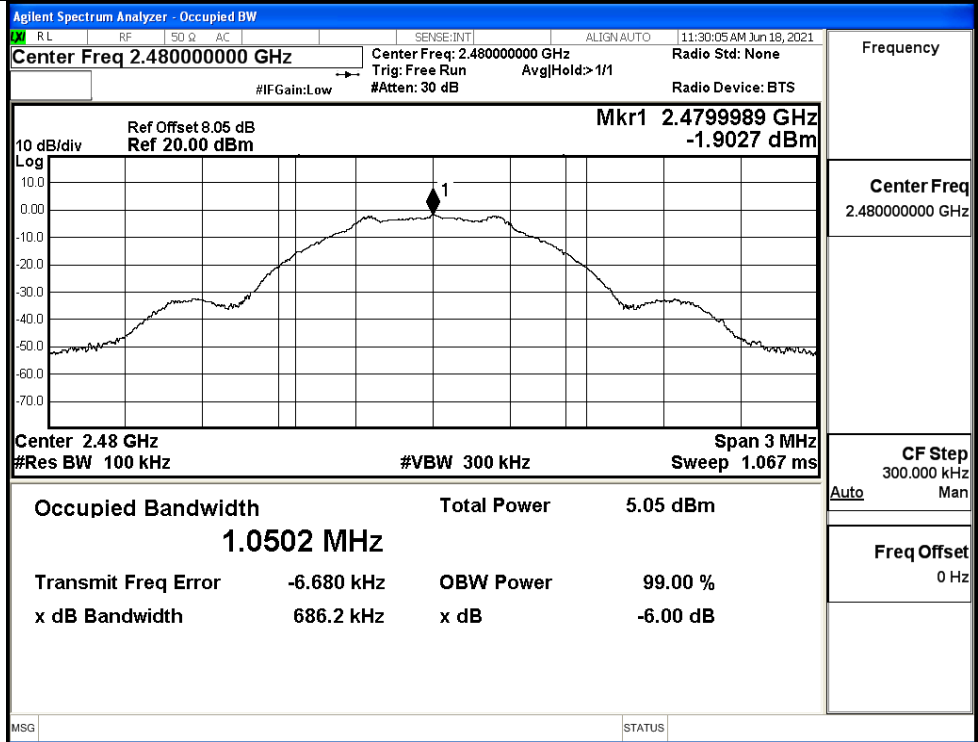
MCH



Frequency

Center Freq
2.440000000 GHzCF Step
300.000 kHz
Auto ManFreq Offset
0 Hz

HCH

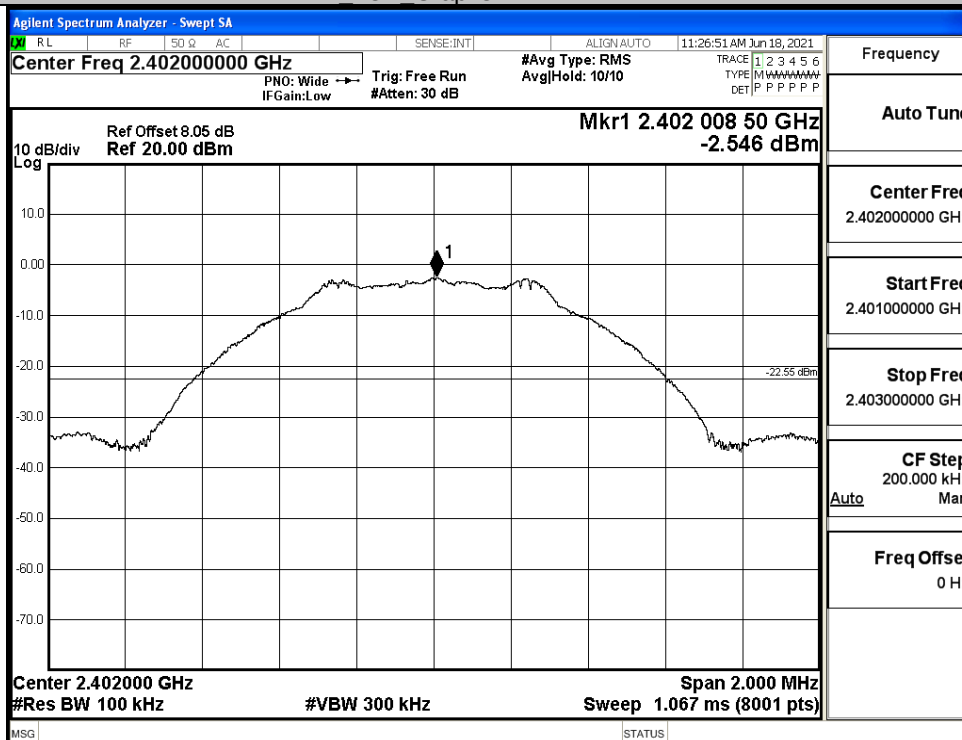


A.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.546	-37.966	-22.546	PASS
BT LE	MCH	-2.415	-38.242	-22.415	PASS
BT LE	HCH	-2.273	-38.396	-22.273	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

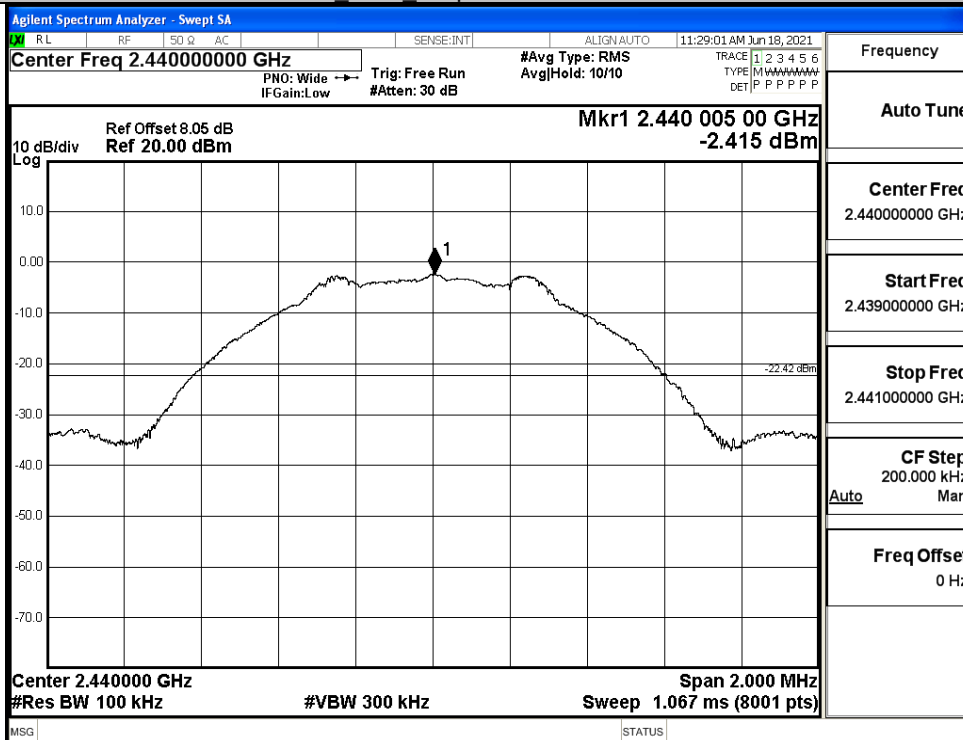


Puw/BT LE/LCH

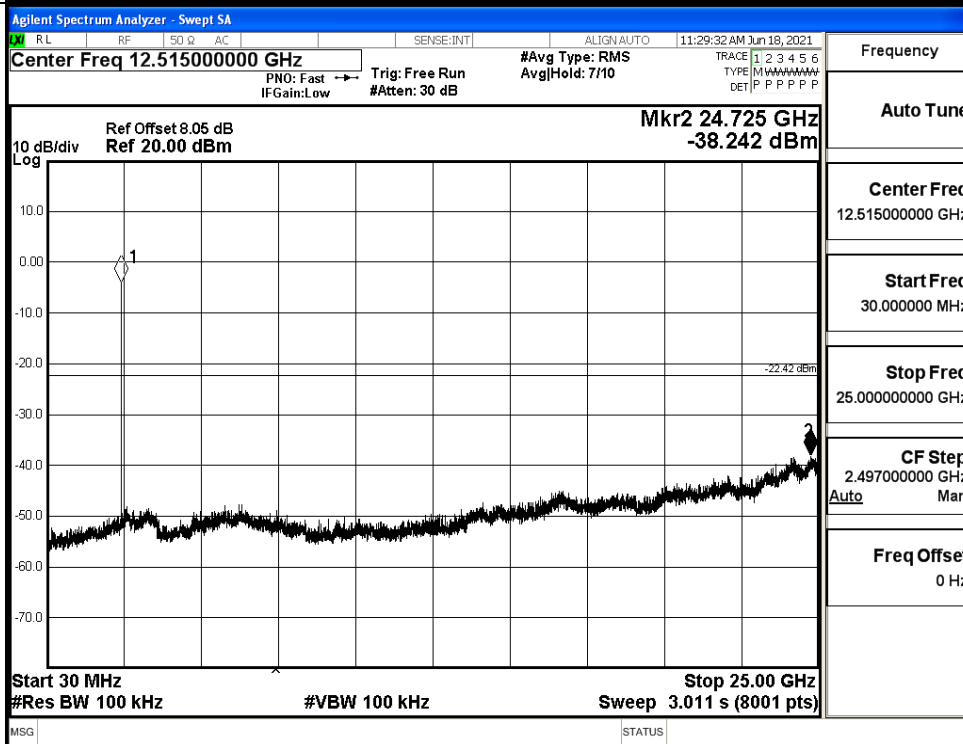


BT LE MCH Graphs

Pref/BT LE/MCH

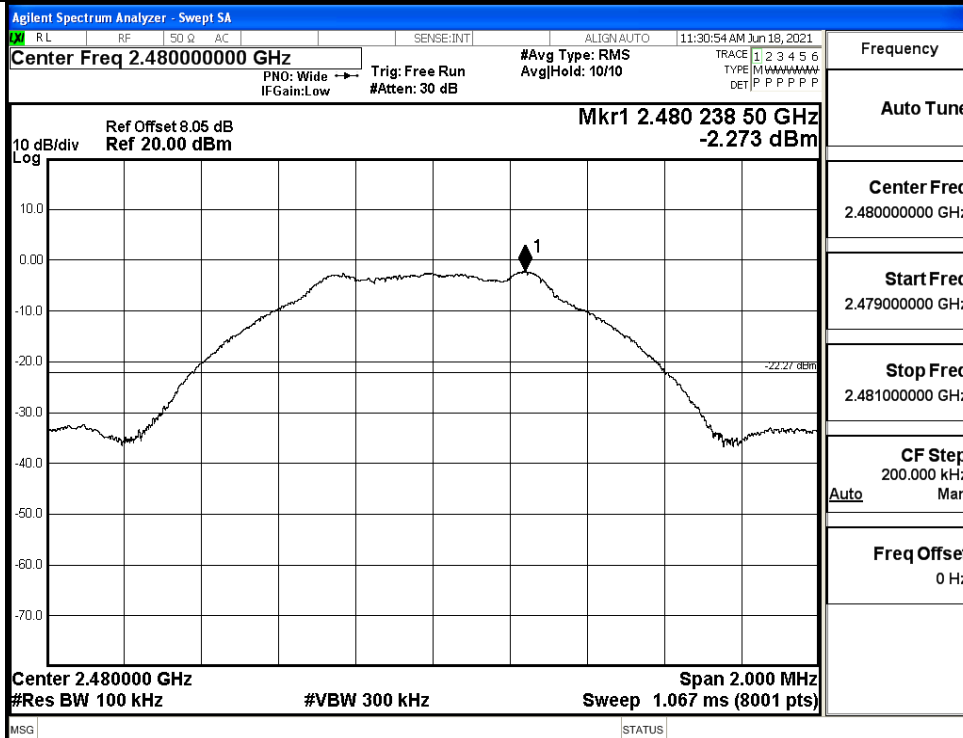


Puw/BT LE/MCH

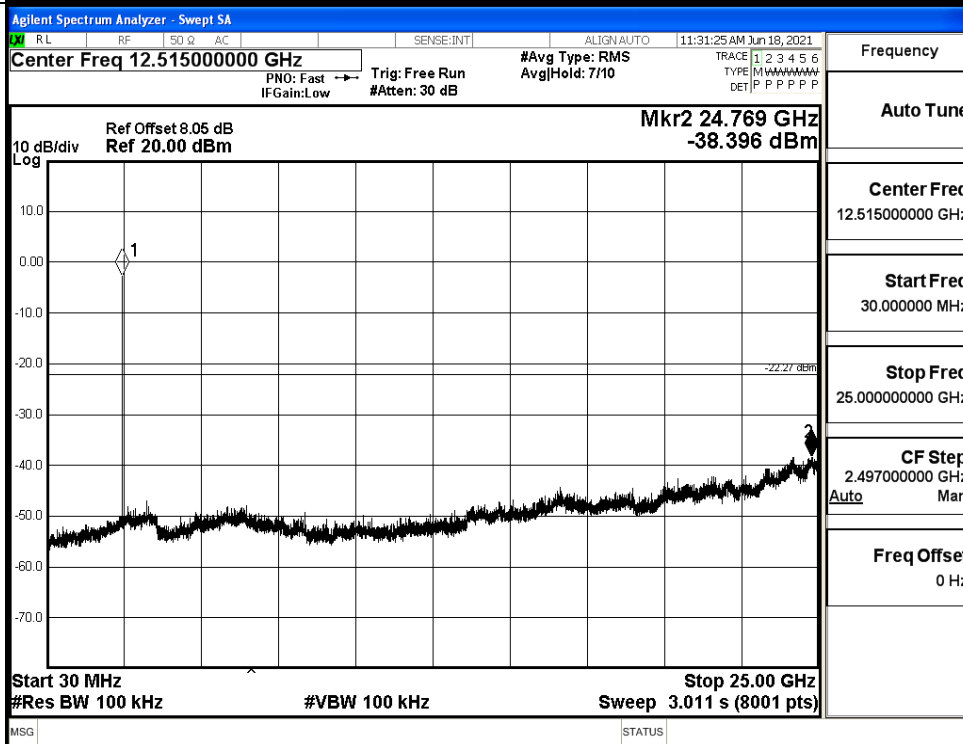


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

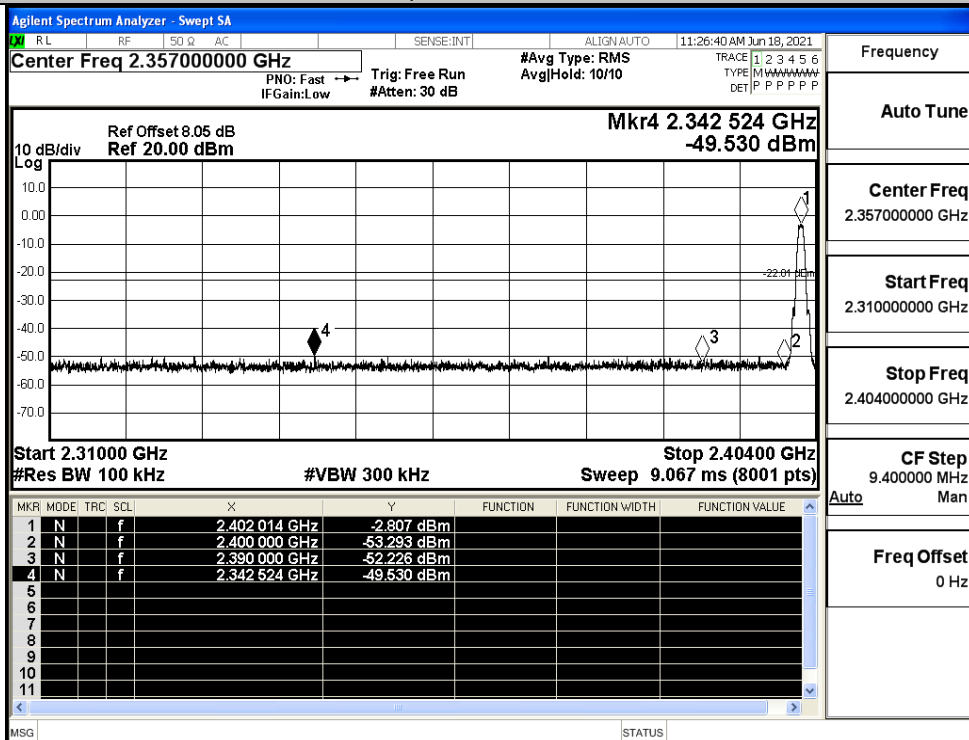


A.6 Band-edge for RF Conducted Emissions

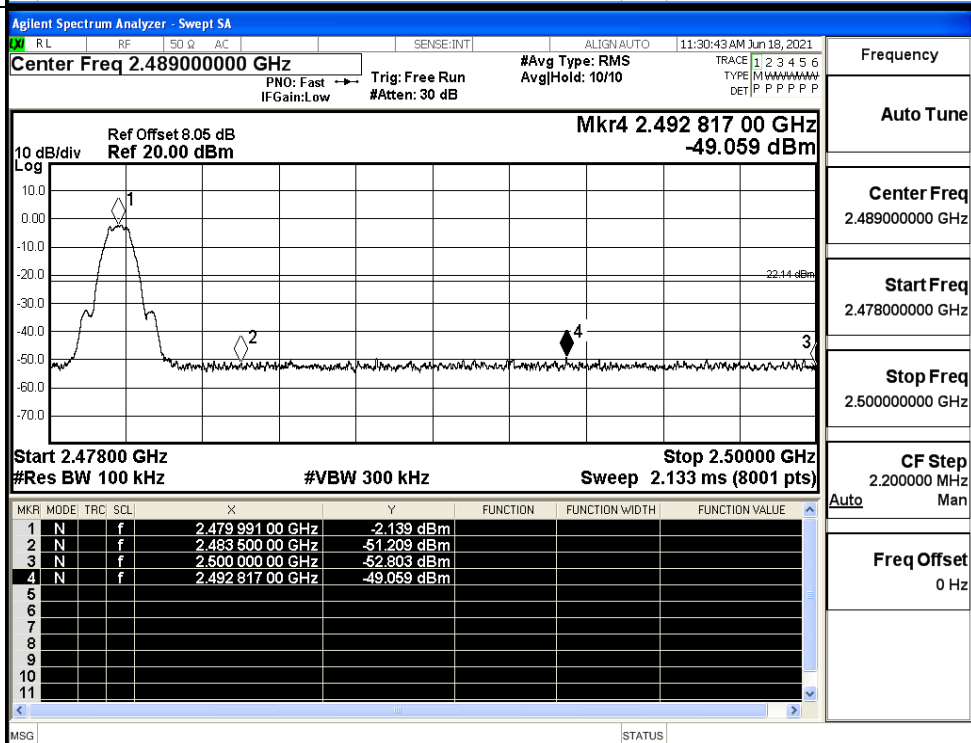
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.807	-49.530	-22.81	PASS
BT LE	HCH	-2.139	-49.059	-22.14	PASS

Test Graphs

LCH



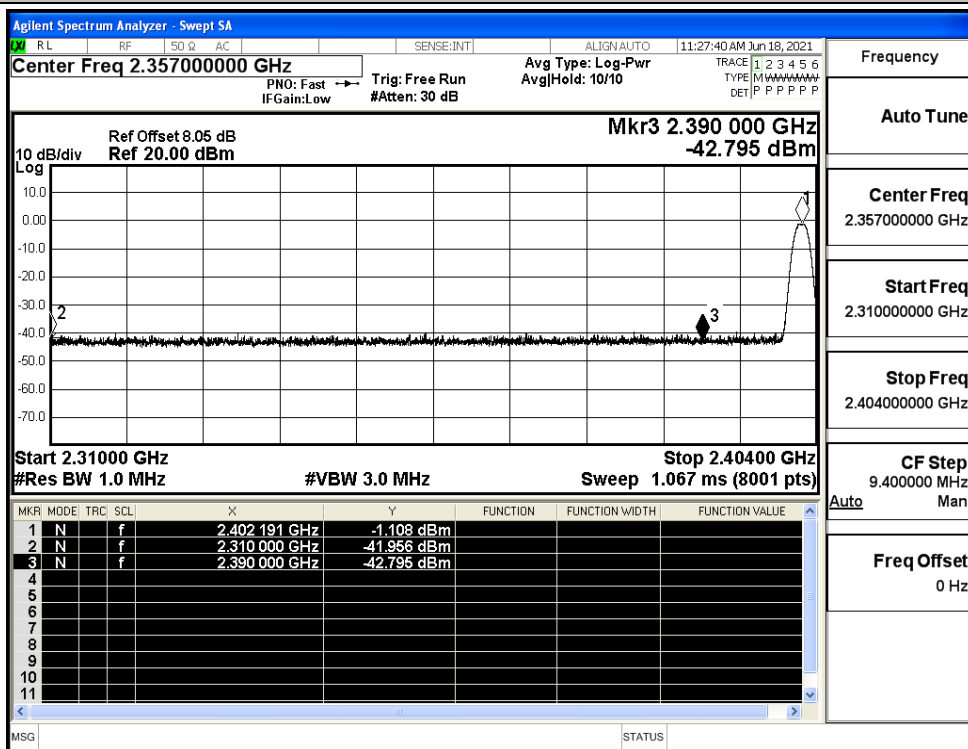
HCH



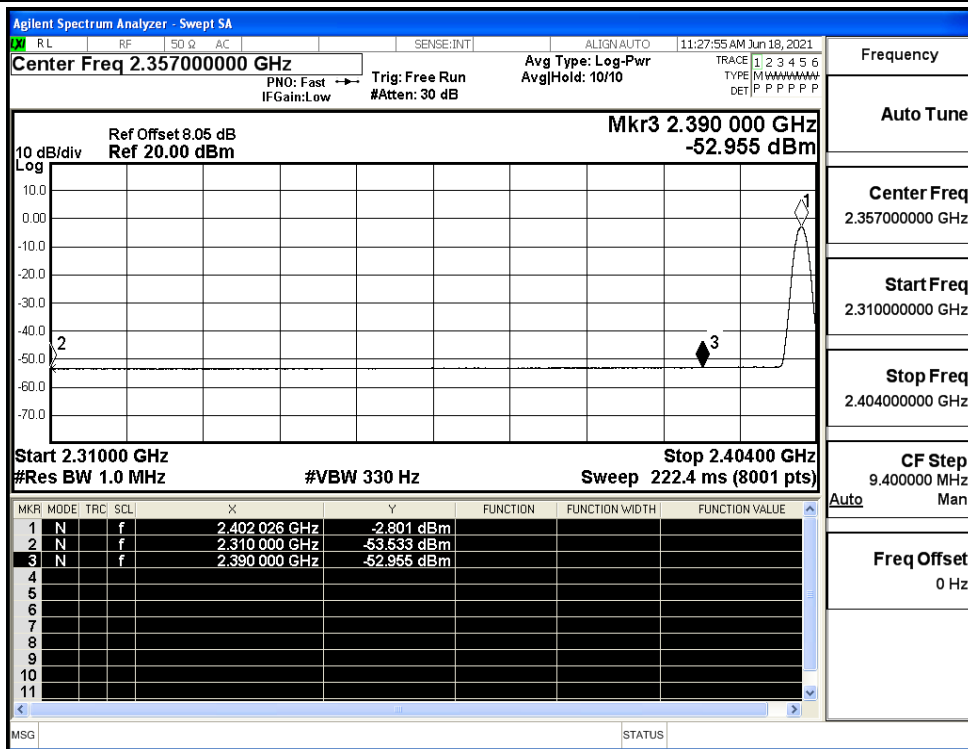
A.7 Restrict-band band-edge measurements

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	-41.96	2.0	0	53.30	PEAK	74	PASS
		Ant1	2310.0	-53.53	2.0	0	41.72	AV	54	PASS
		Ant1	2390.0	-42.80	2.0	0	52.46	PEAK	74	PASS
		Ant1	2390.0	-52.96	2.0	0	42.30	AV	54	PASS
	2480	Ant1	2483.5	-42.49	2.0	0	52.77	PEAK	74	PASS
		Ant1	2483.5	-52.60	2.0	0	42.65	AV	54	PASS
		Ant1	2500.0	-42.44	2.0	0	52.82	PEAK	74	PASS
		Ant1	2500.0	-52.19	2.0	0	43.07	AV	54	PASS

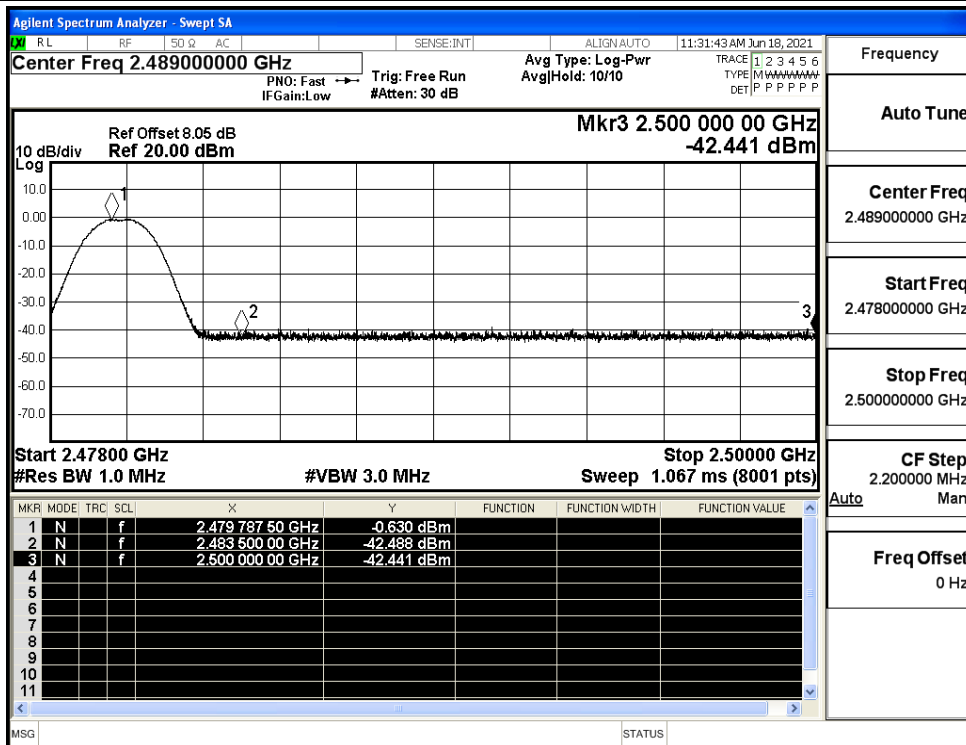
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

