

AppendixA

RF Test Data for BT LE(Conducted Measurement)

Product Name: VITRO E-cigarette/VITRO-AC E-cigarette

Trade Mark: VITRO /VITRO-AC

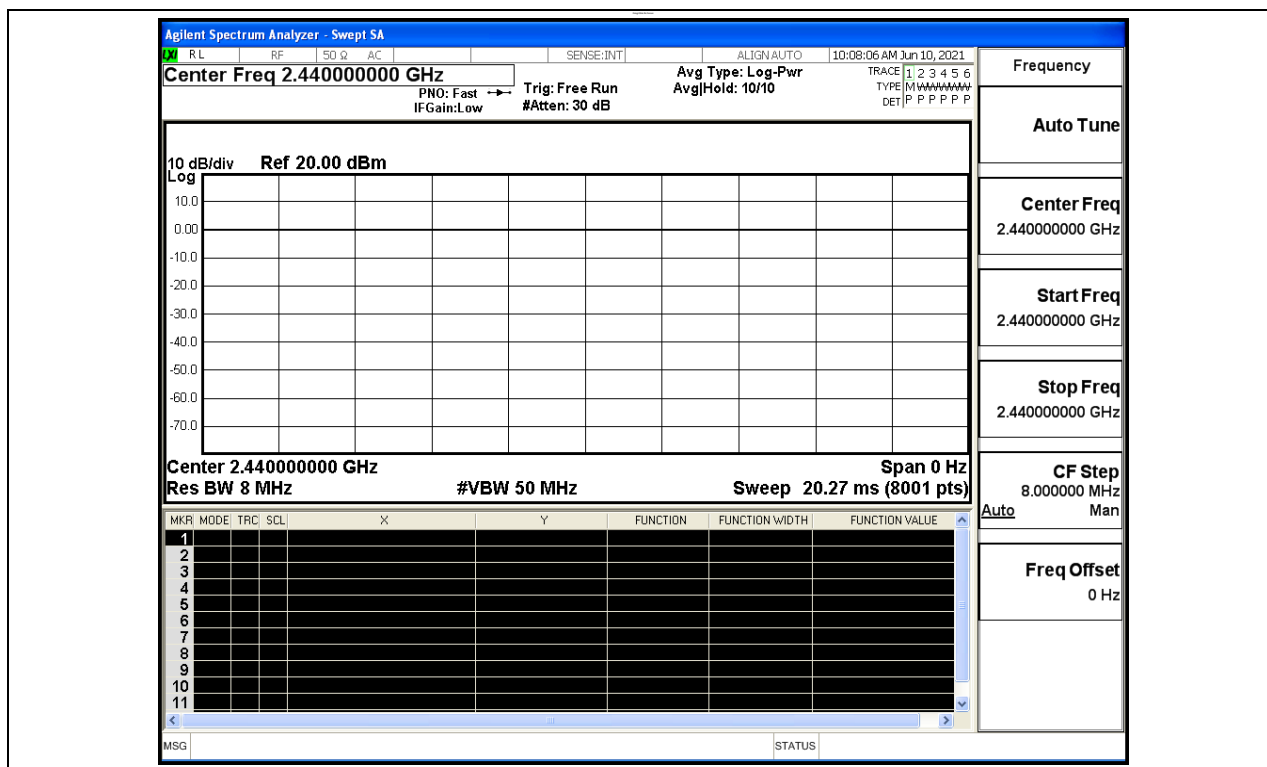
Test Model: E359

Environmental Conditions

Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

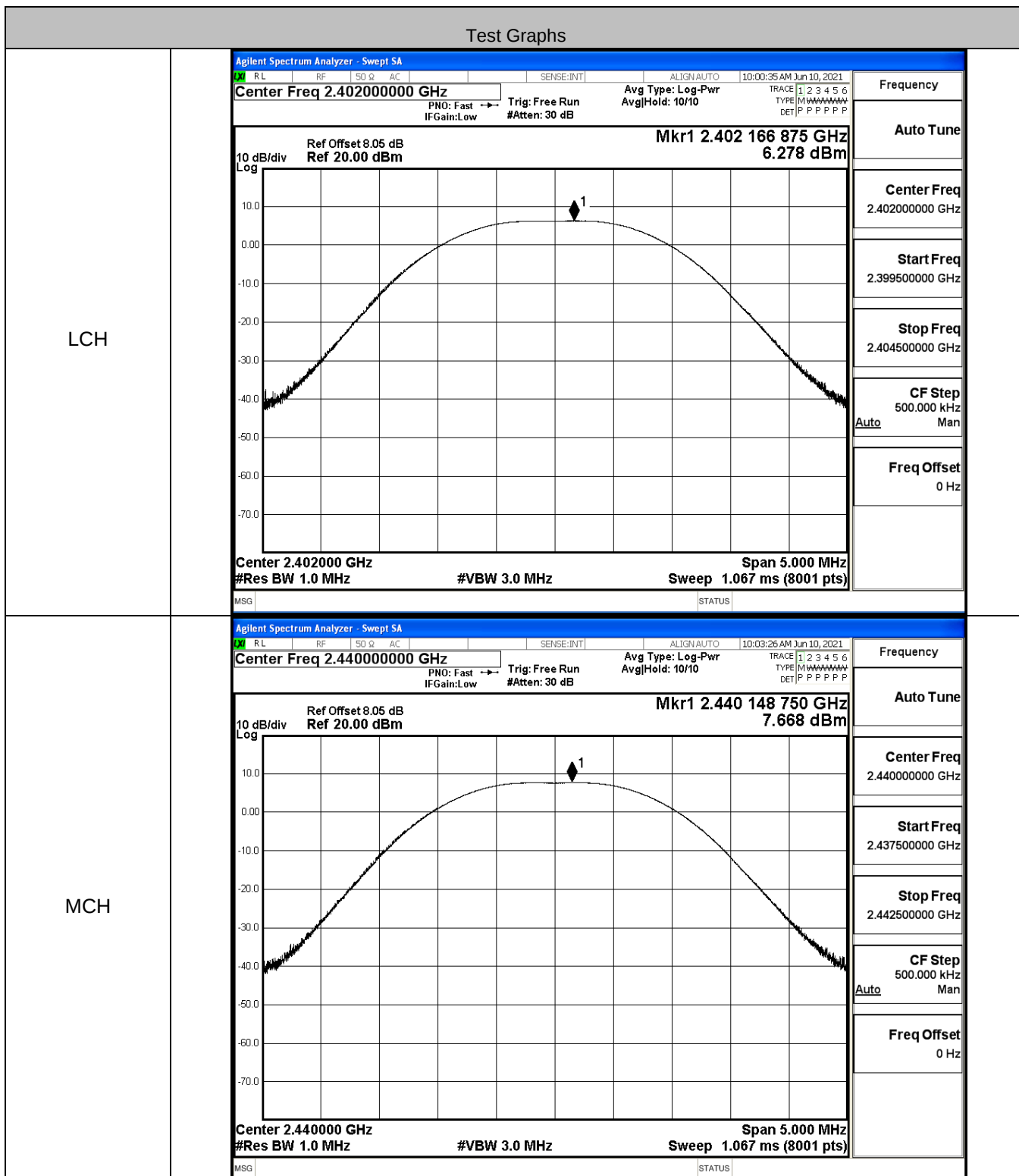
A.1 Duty Cycle

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

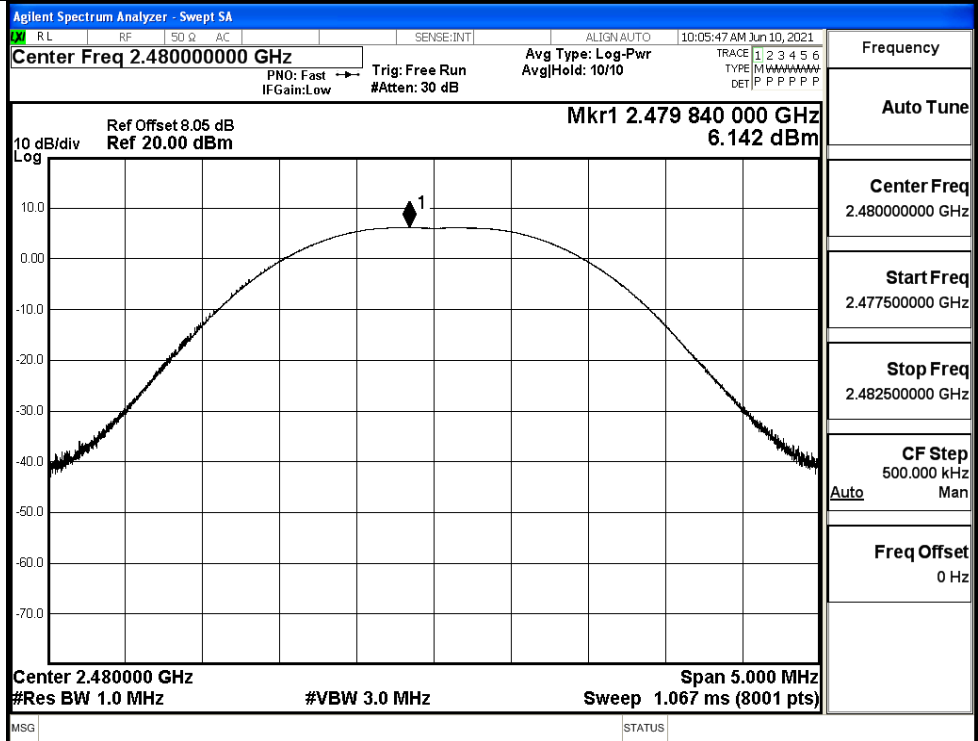


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	6.278	30	PASS
BT LE	MCH	7.668	30	PASS
BT LE	HCH	6.142	30	PASS



HCH

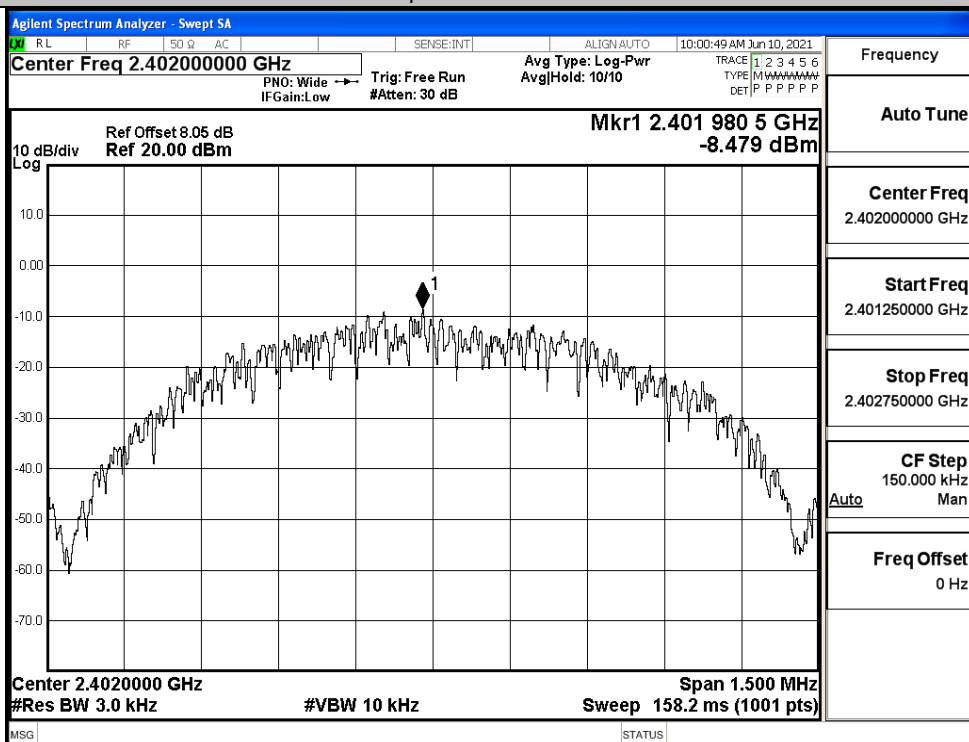


A.3 Maximum Power Spectral Density

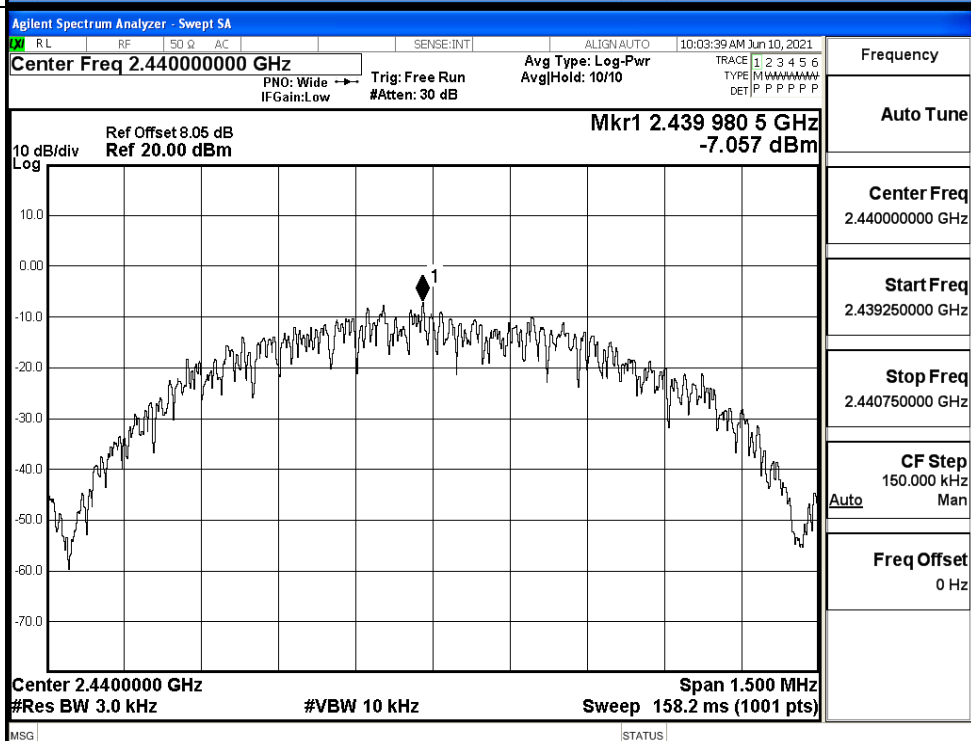
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-8.479	8	PASS
BT LE	MCH	-7.057	8	PASS
BT LE	HCH	-8.674	8	PASS

Test Graphs

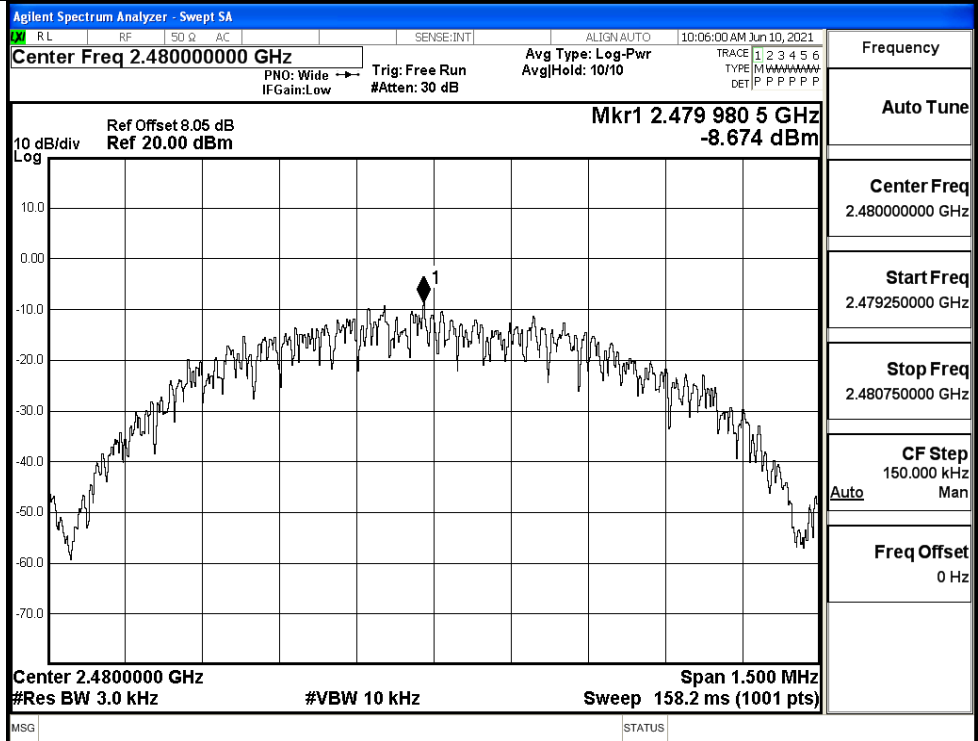
LCH



MCH



HCH

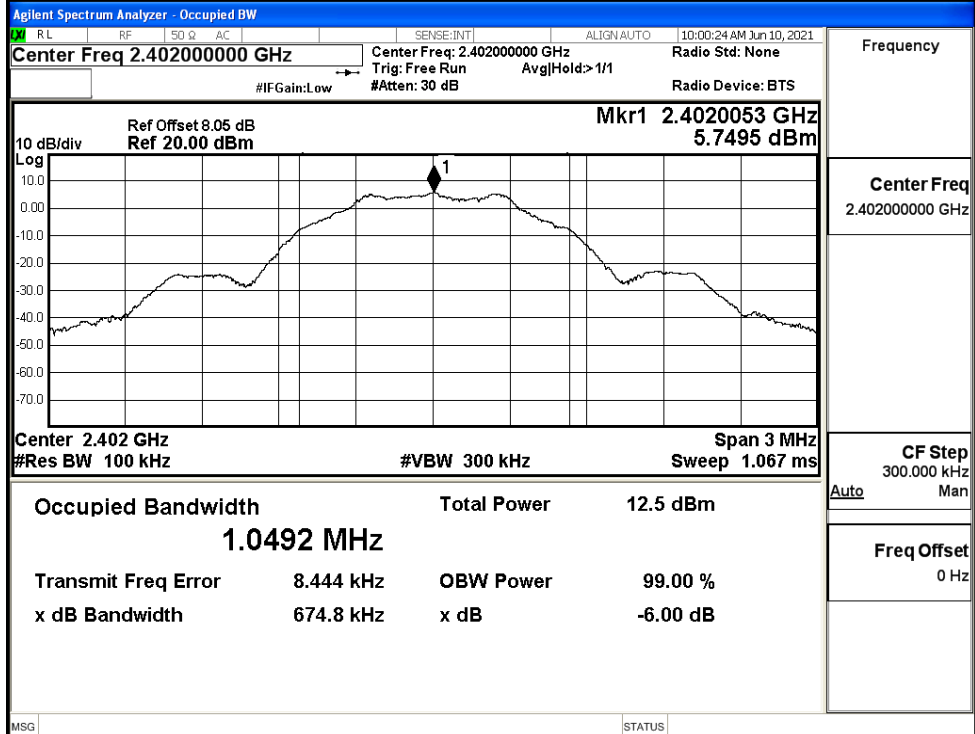


A.4 6dB Bandwidth

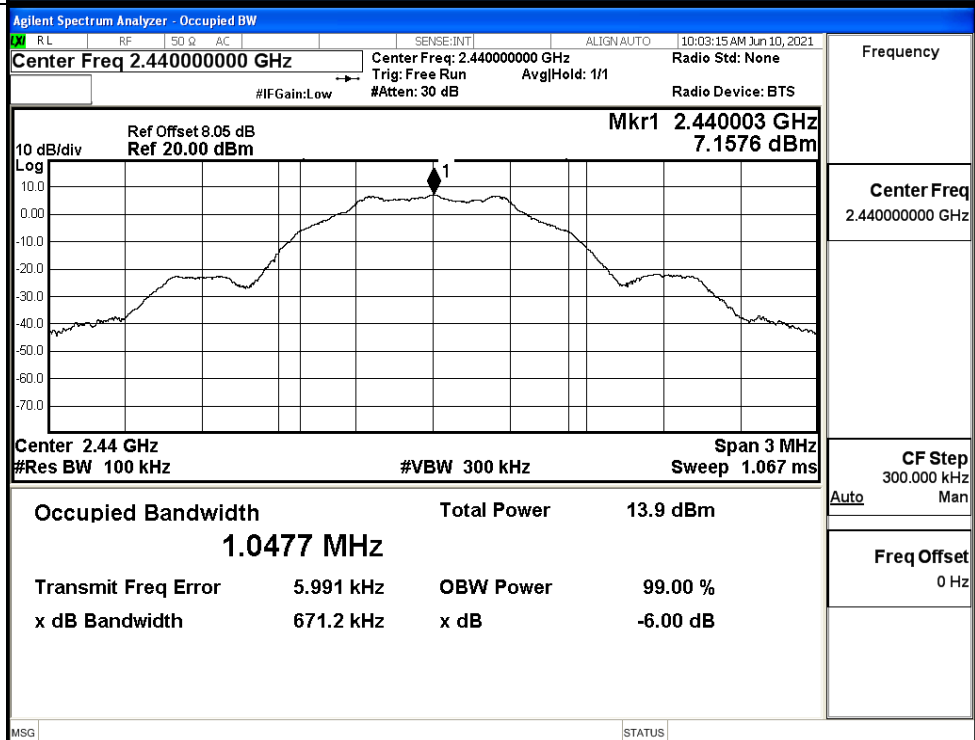
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6748	≥ 0.5	PASS
BT LE	MCH	0.6712	≥ 0.5	PASS
BT LE	HCH	0.6644	≥ 0.5	PASS

Test Graphs

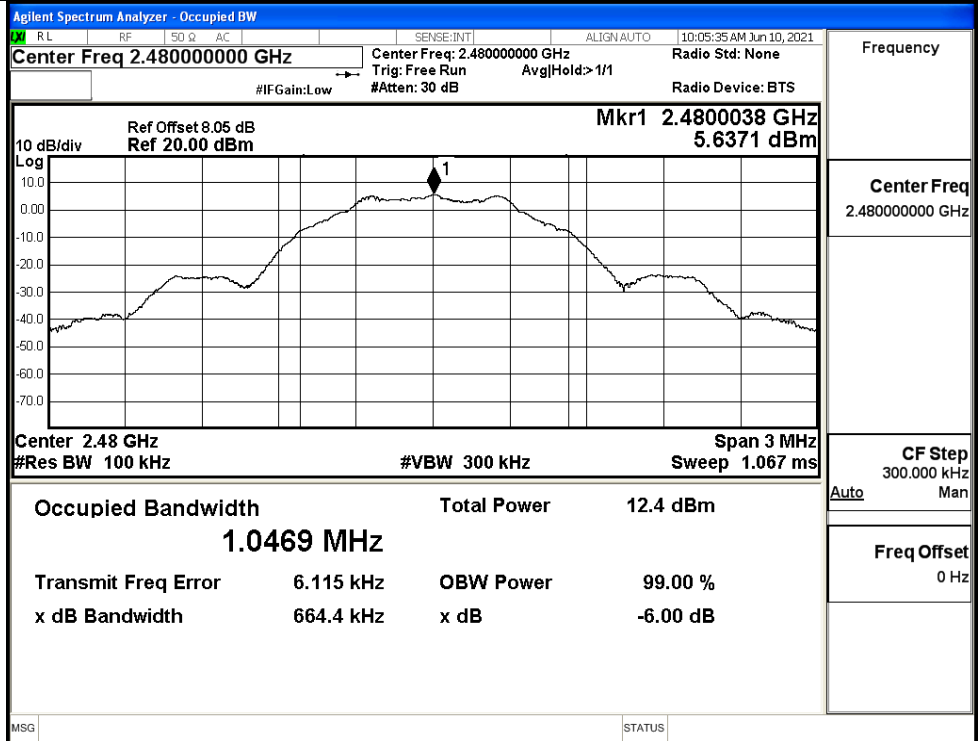
LCH



MCH



HCH

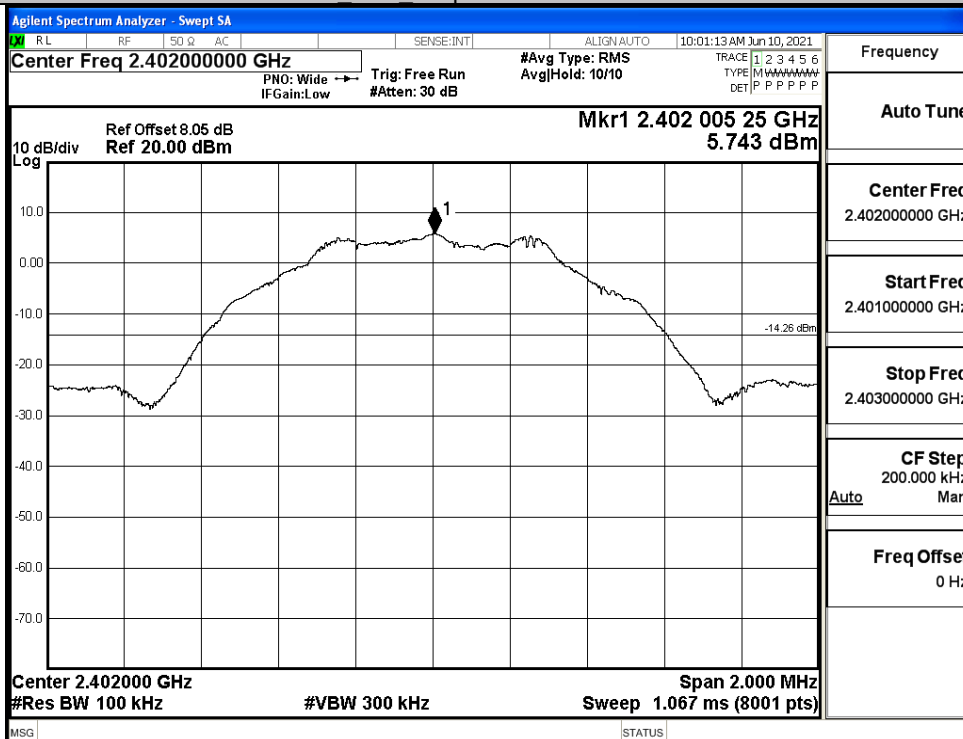


A.5 RF Conducted Spurious Emissions

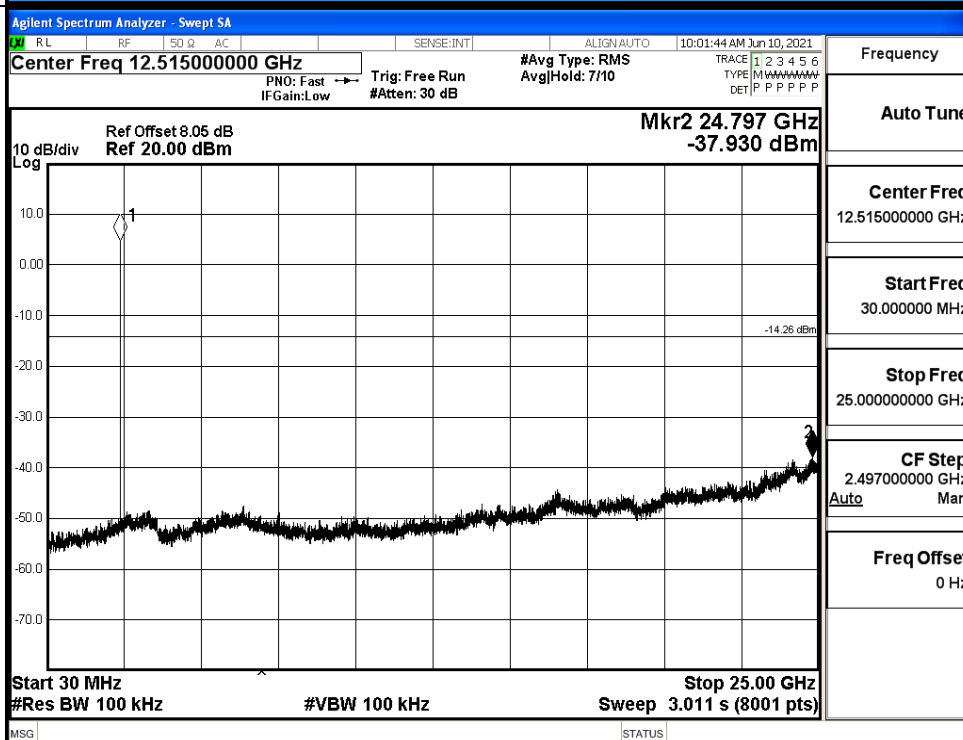
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	5.743	-37.930	-14.257	PASS
BT LE	MCH	7.168	-37.687	-12.832	PASS
BT LE	HCH	5.633	-37.080	-14.367	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

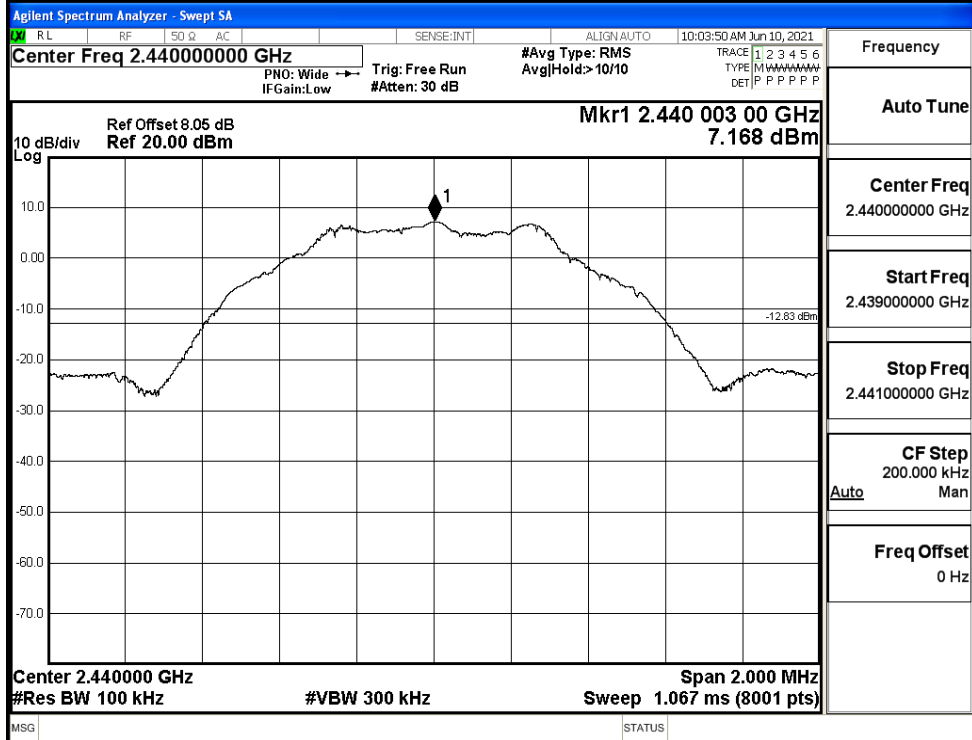


Puw/BT LE/LCH

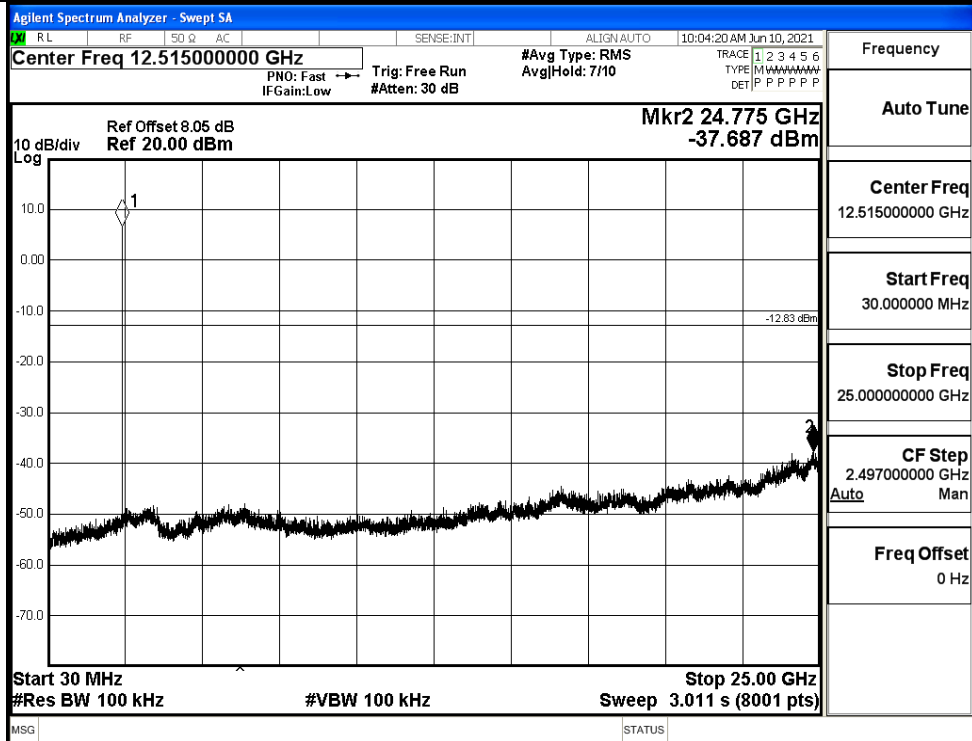


BT LE MCH Graphs

Pref/BT LE/MCH

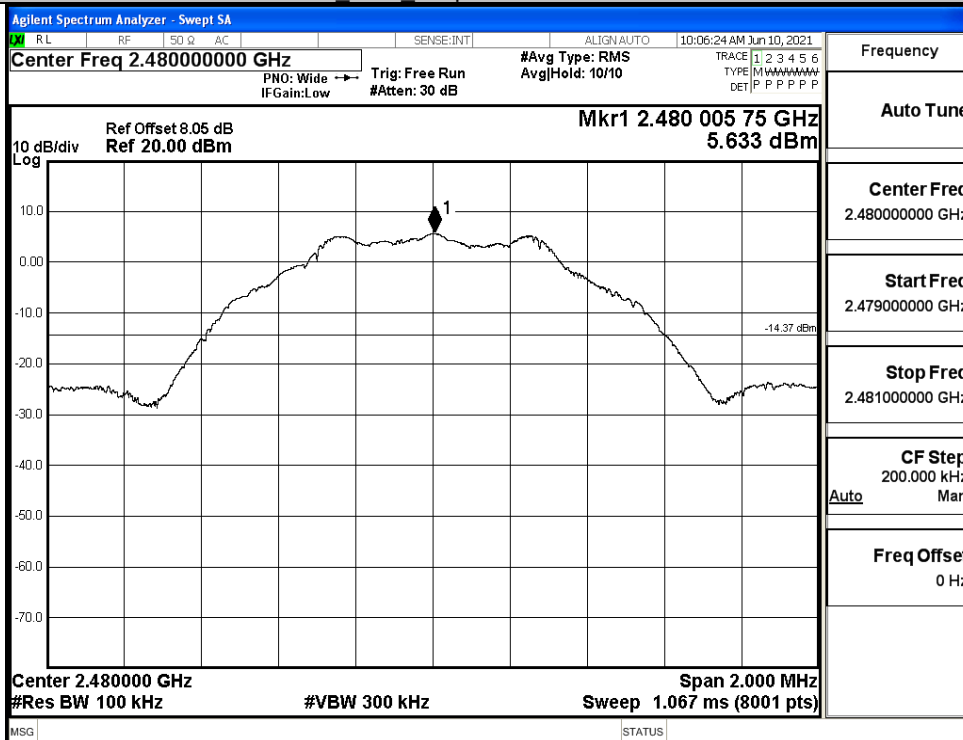


Puw/BT LE/MCH

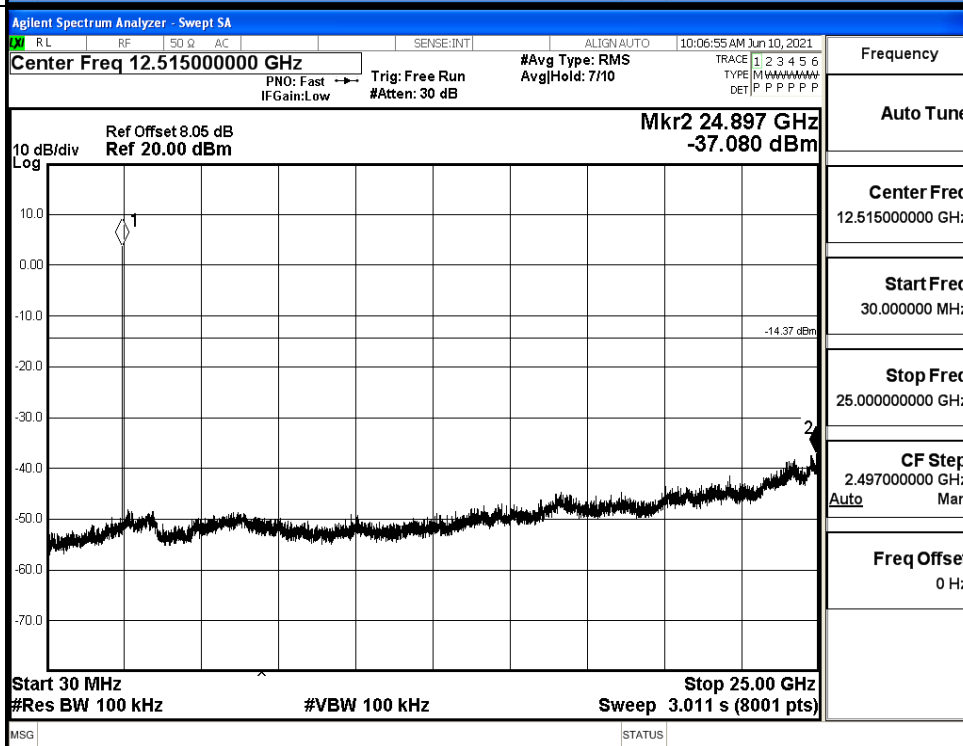


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

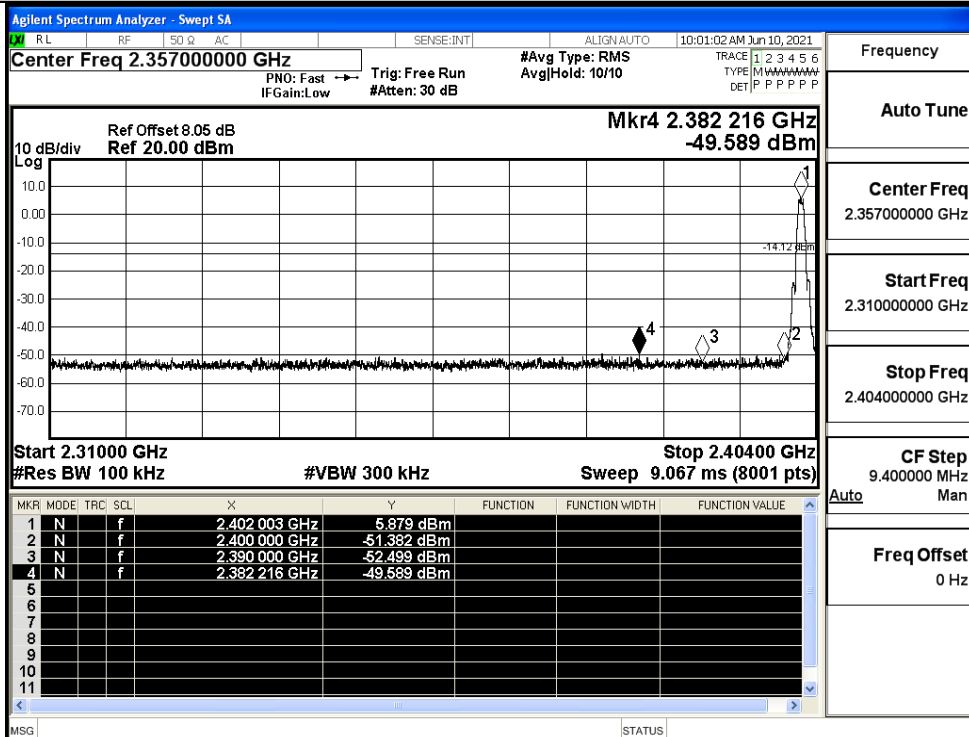


A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	5.879	-49.589	-14.12	PASS
BT LE	HCH	5.748	-49.202	-14.25	PASS

Test Graphs

LCH



Frequency

Auto Tune

Center Freq

2.357000000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.404000000 GHz

CF Step

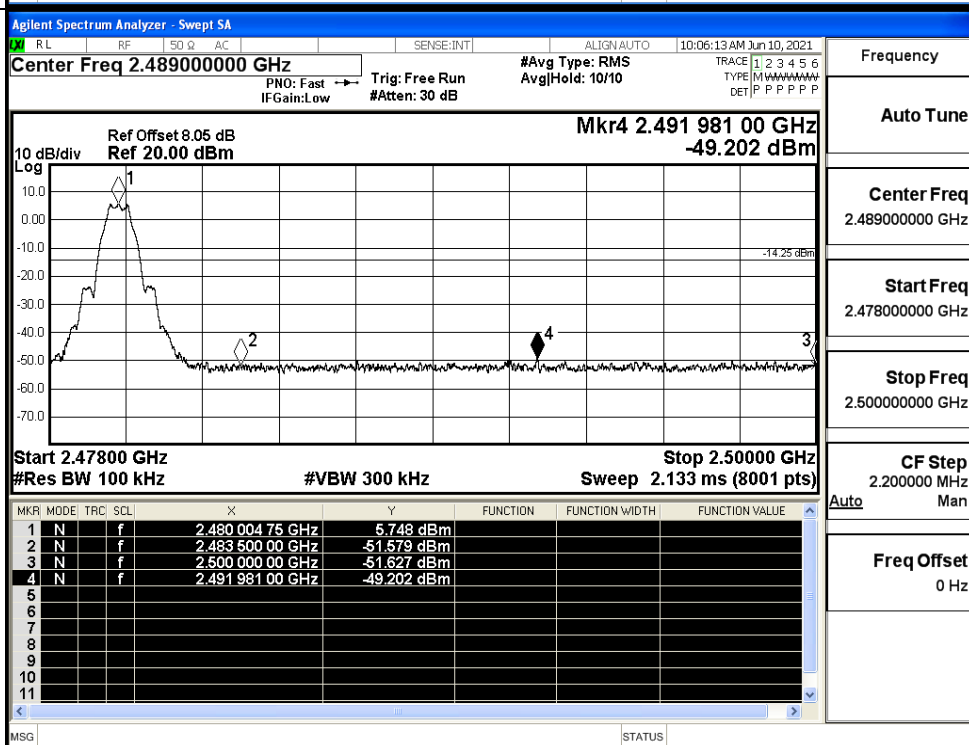
9.400000 MHz

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

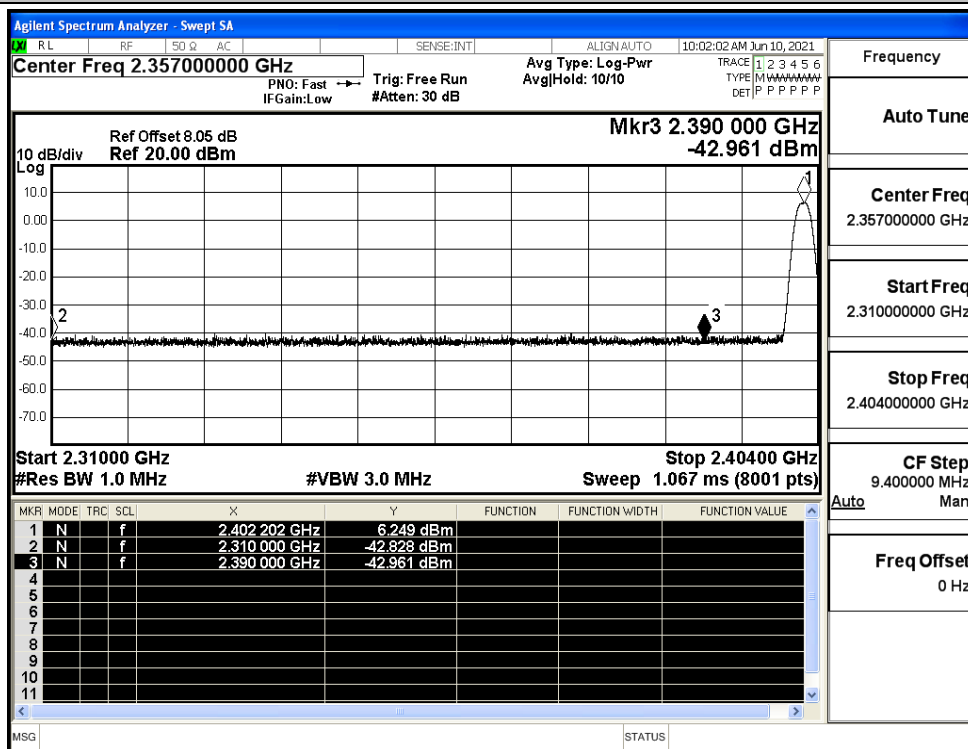
Freq Offset

0 Hz

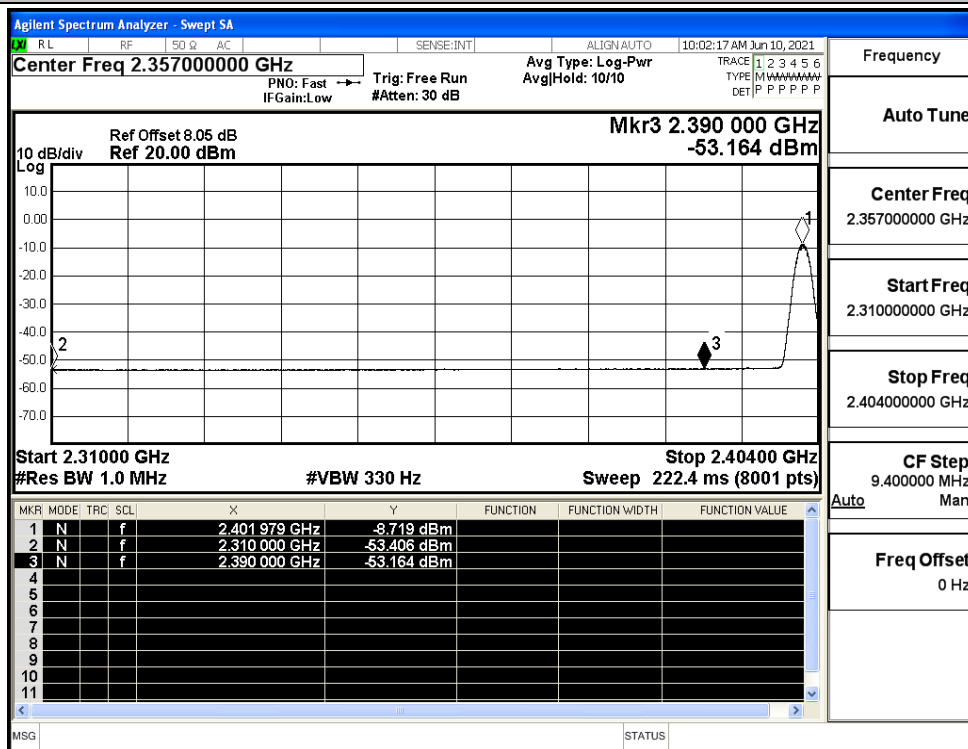
A.7 Restrict-band band-edge measurements

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	-42.83	2.0	0	54.40	PEAK	74	PASS
		Ant1	2310.0	-53.41	2.0	0	43.82	AV	54	PASS
		Ant1	2390.0	-42.96	2.0	0	54.27	PEAK	74	PASS
		Ant1	2390.0	-53.16	2.0	0	44.07	AV	54	PASS
	2480	Ant1	2483.5	-43.12	2.0	0	54.11	PEAK	74	PASS
		Ant1	2483.5	-52.43	2.0	0	44.80	AV	54	PASS
		Ant1	2500.0	-42.13	2.0	0	55.10	PEAK	74	PASS
		Ant1	2500.0	-52.47	2.0	0	44.76	AV	54	PASS

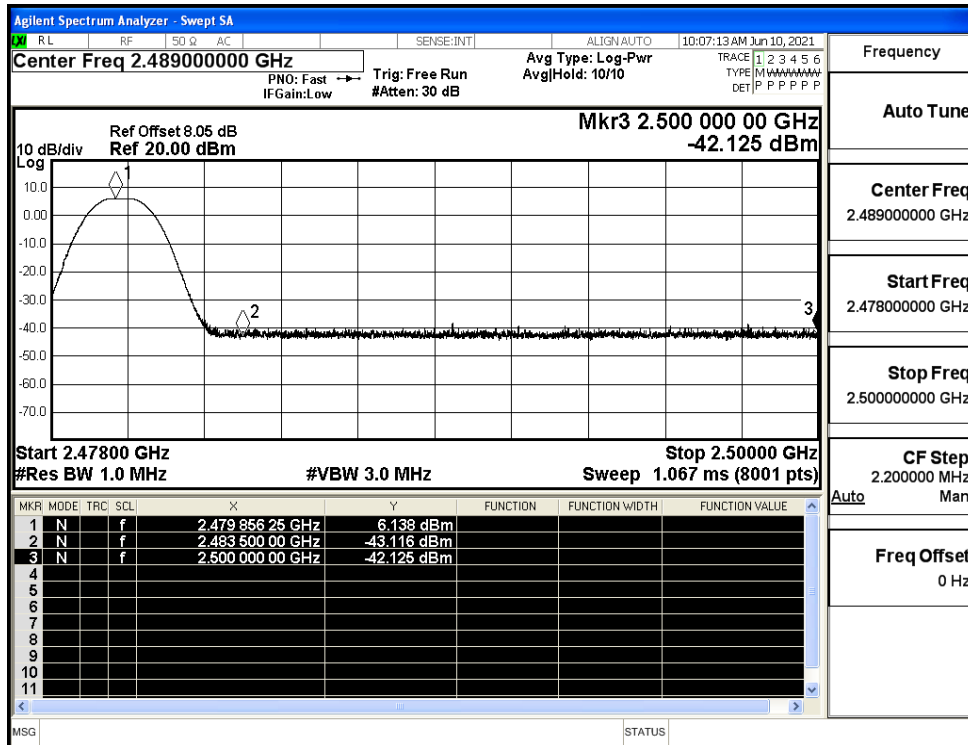
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

