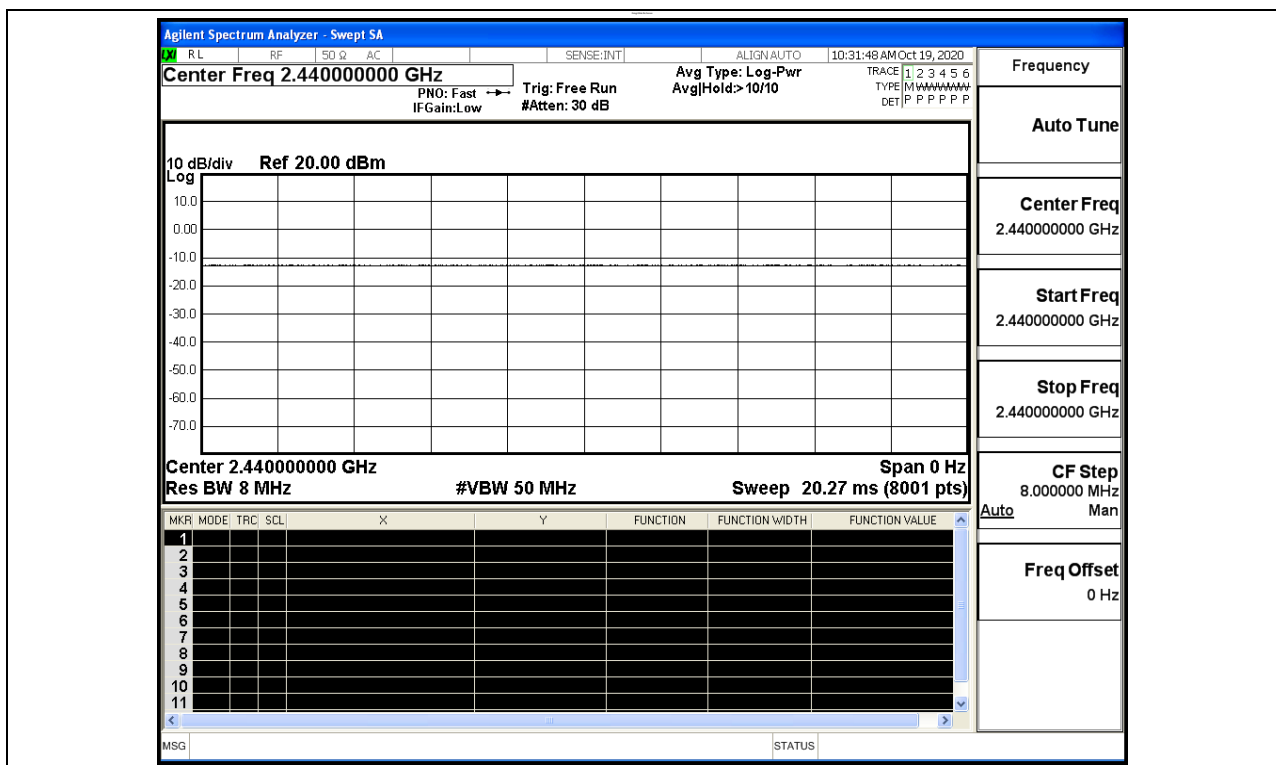


Test Model: MS1812

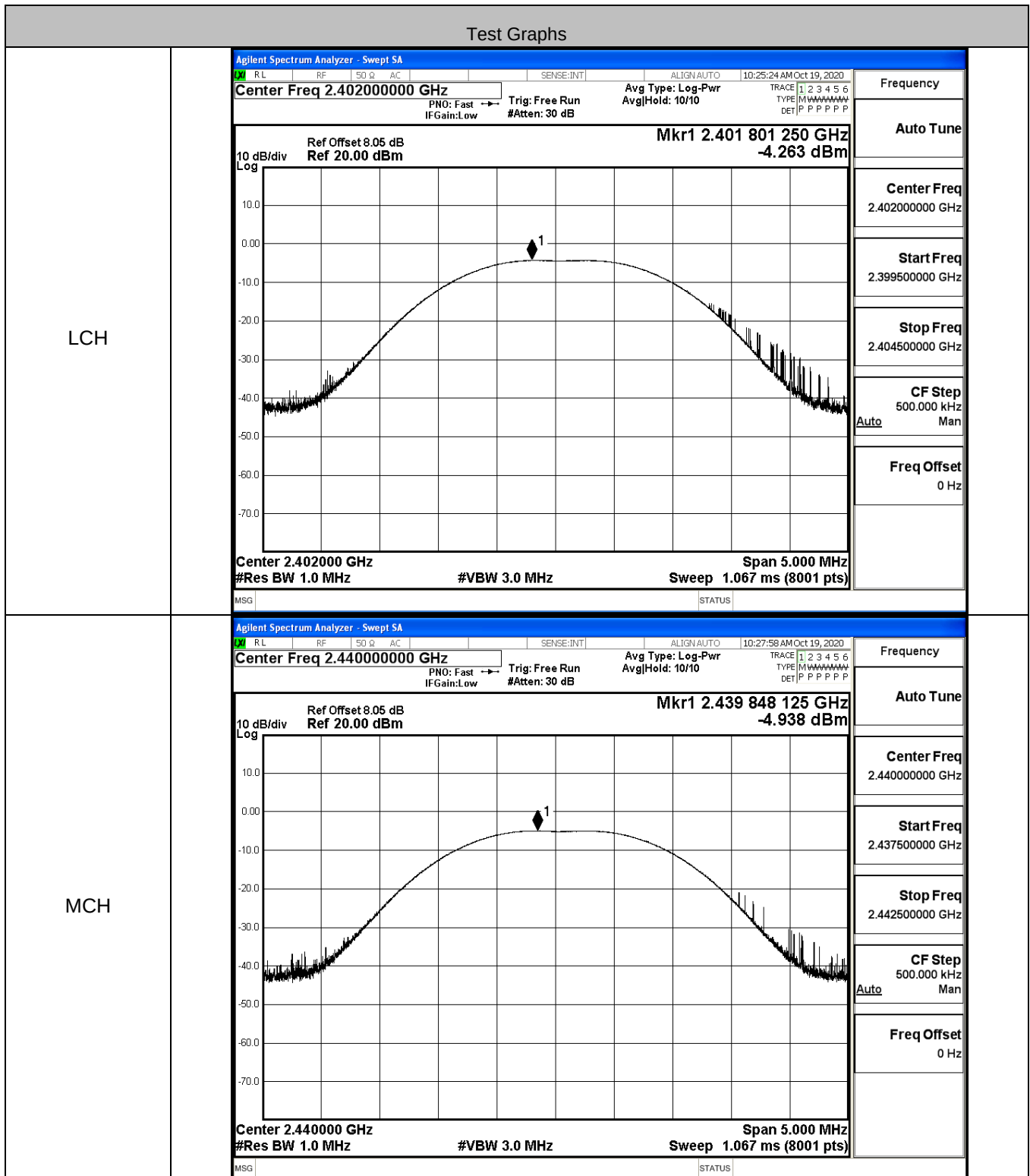
Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	JAY LI
Supervised by:	Li Huan

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

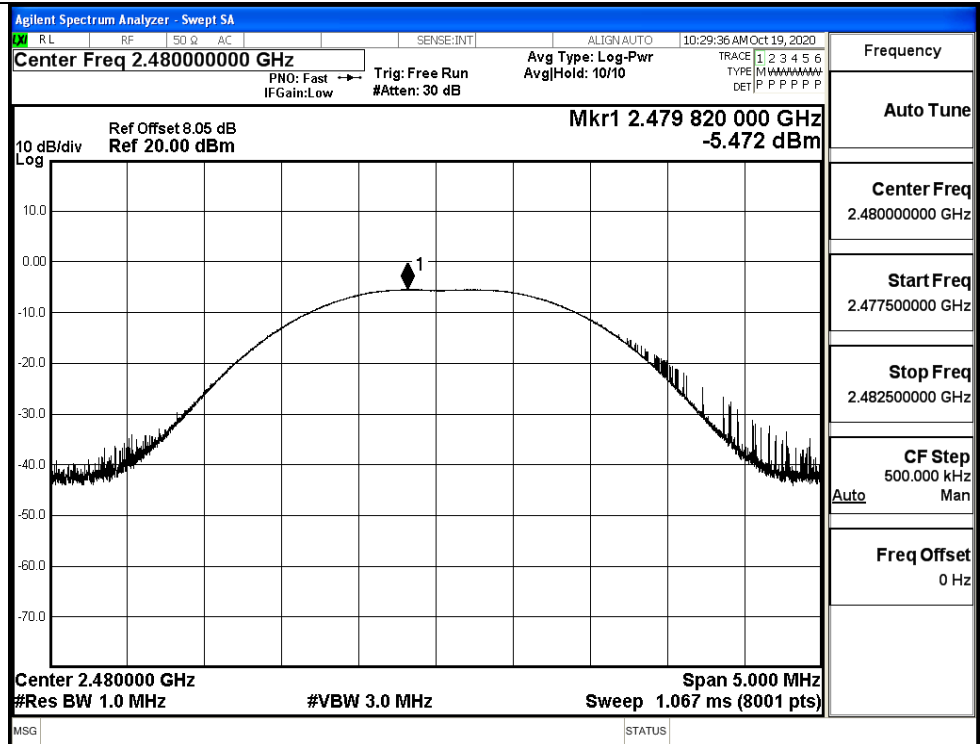


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.263	30	PASS
BT LE	MCH	-4.938	30	PASS
BT LE	HCH	-5.472	30	PASS



HCH

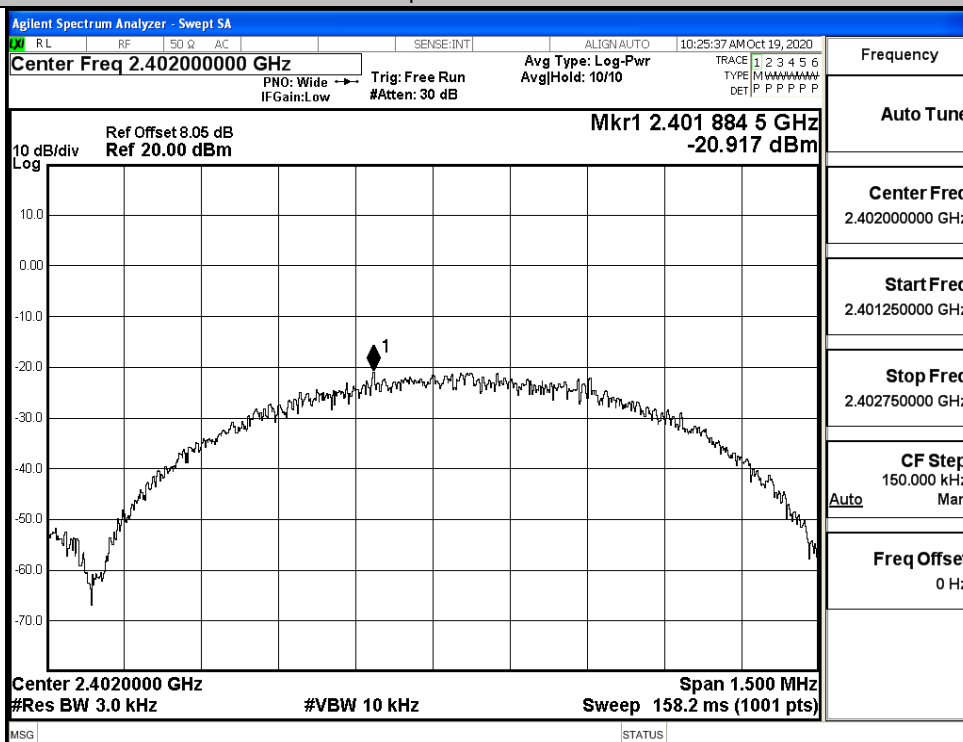


B.3 Maximum Power Spectral Density

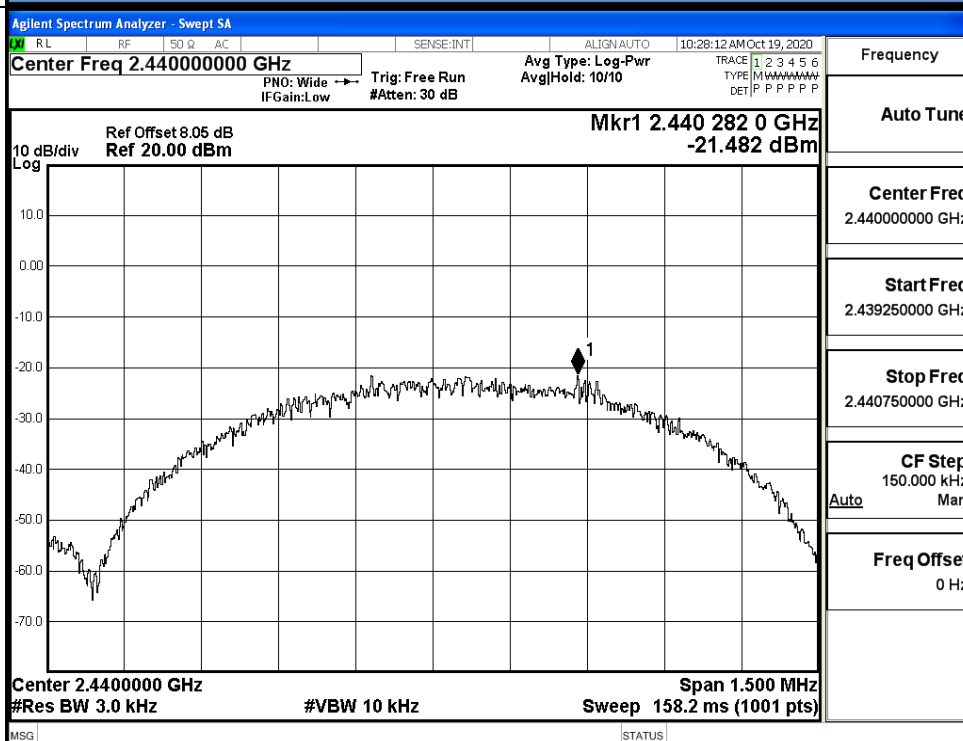
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-20.917	8	PASS
BT LE	MCH	-21.482	8	PASS
BT LE	HCH	-22.194	8	PASS

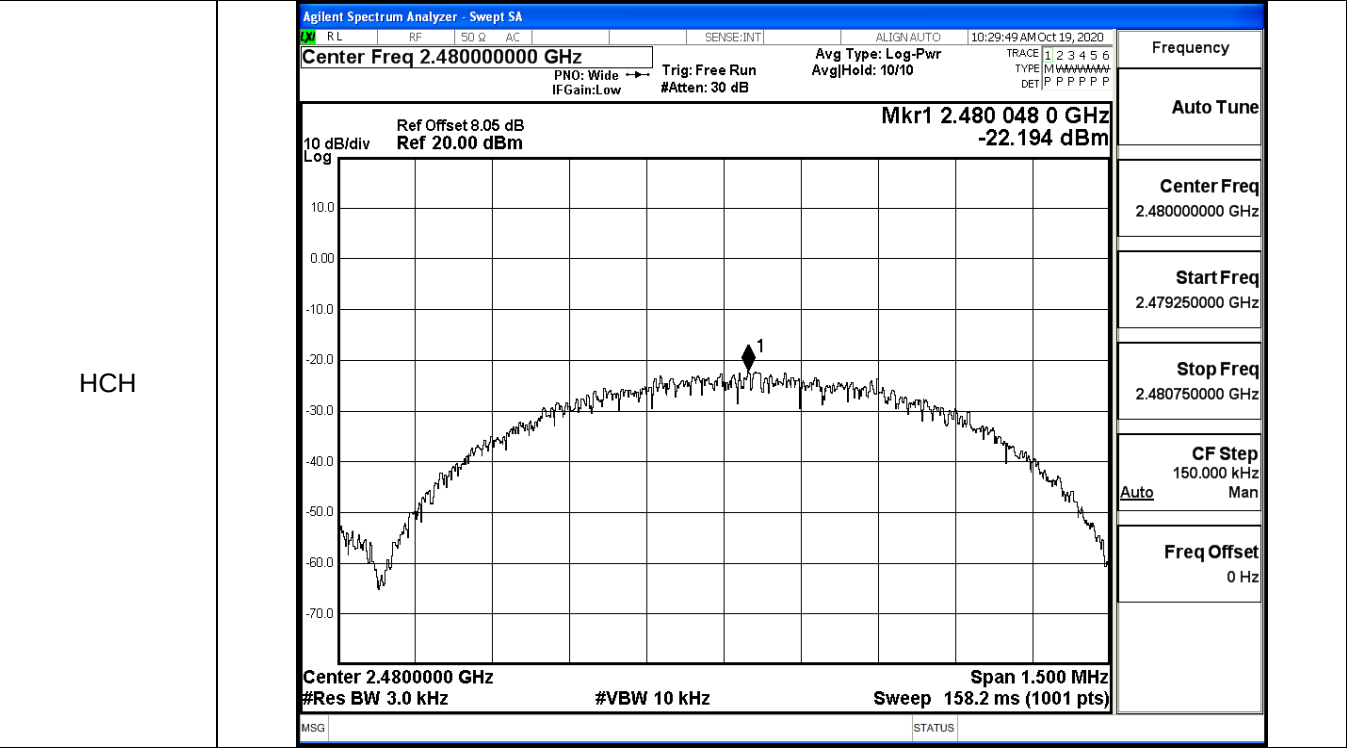
Test Graphs

LCH



MCH



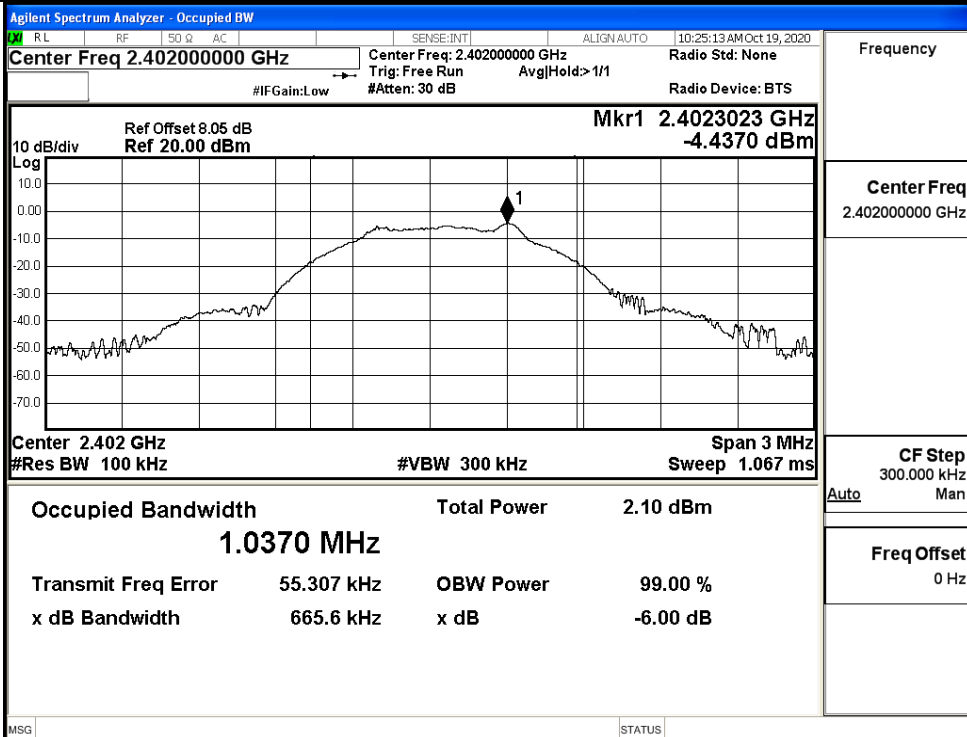


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6656	≥ 0.5	PASS
BT LE	MCH	0.6477	≥ 0.5	PASS
BT LE	HCH	0.6649	≥ 0.5	PASS

Test Graphs

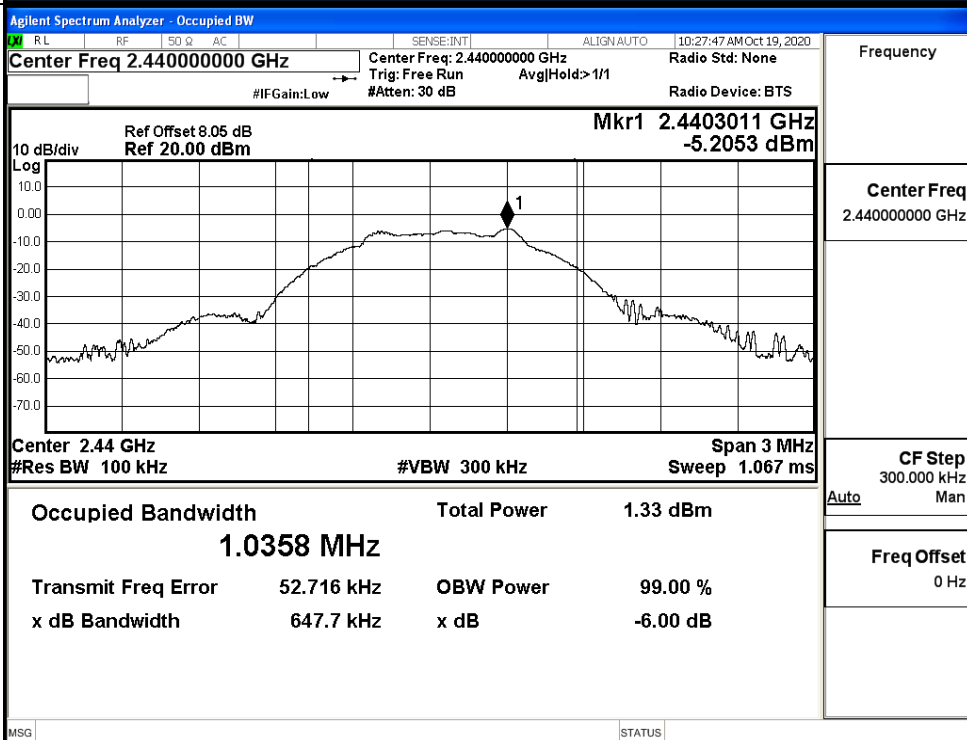
LCH



Frequency

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

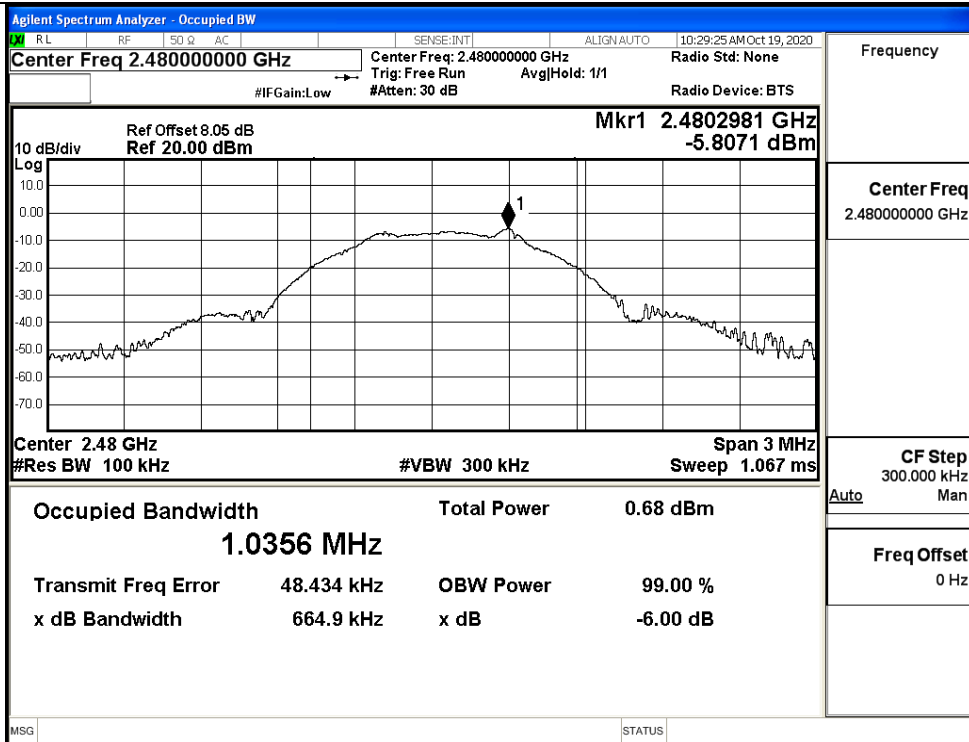
MCH



Frequency

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

HCH

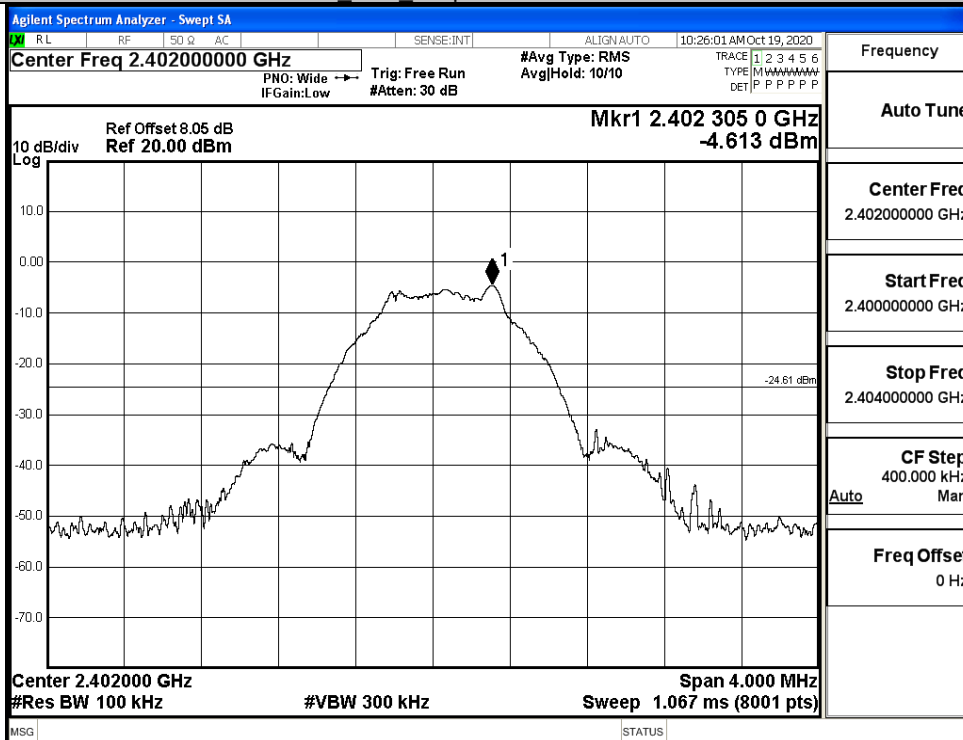


B.5 RF Conducted Spurious Emissions

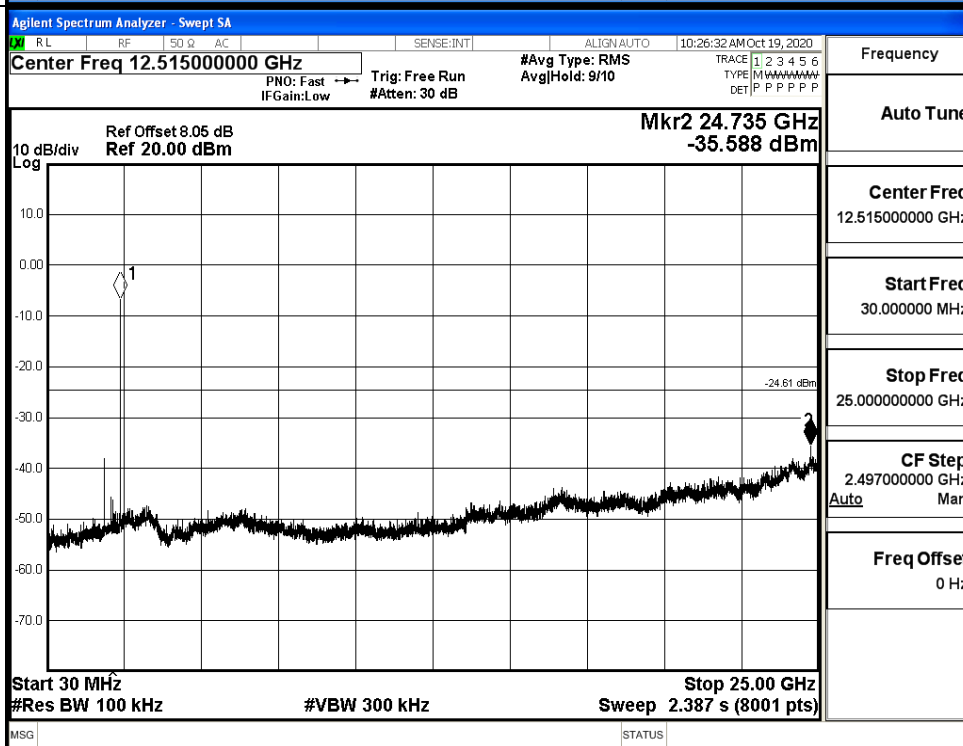
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.613	-35.588	-24.613	PASS
BT LE	MCH	-5.249	-26.598	-25.249	PASS
BT LE	HCH	-5.785	-37.027	-25.785	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

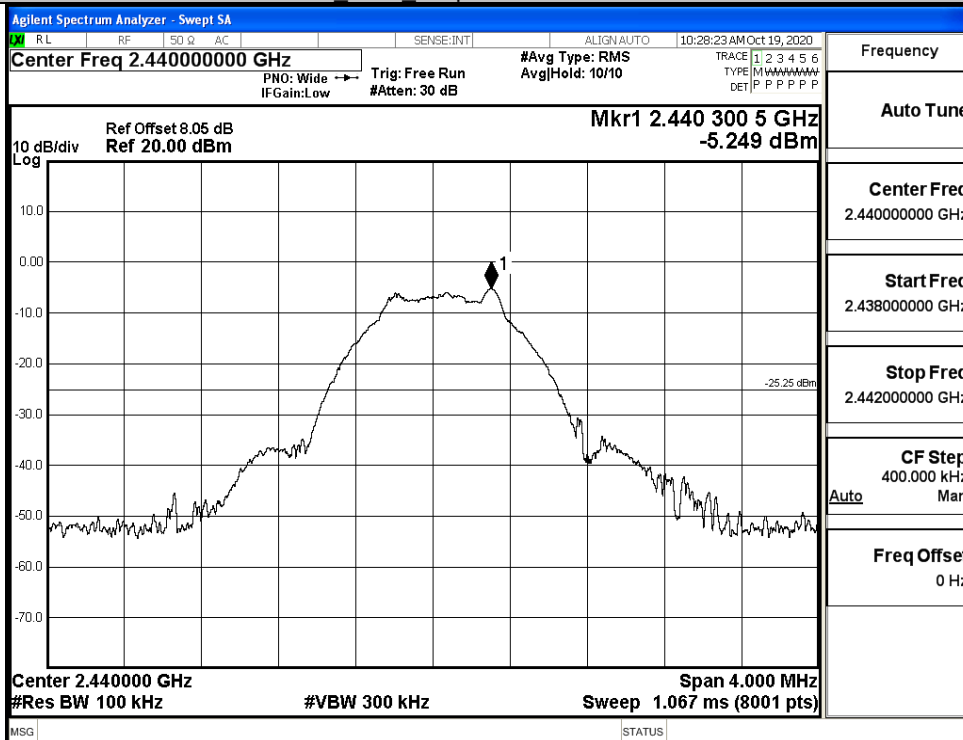


Puw/BT LE/LCH

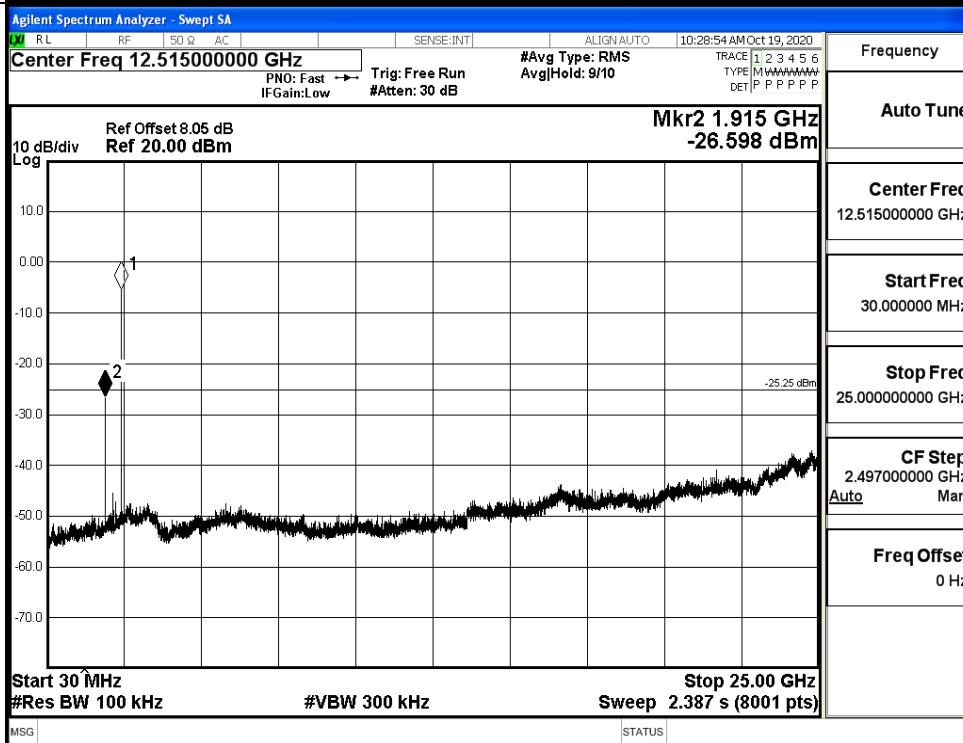


BT LE MCH Graphs

Pref/BT LE/MCH

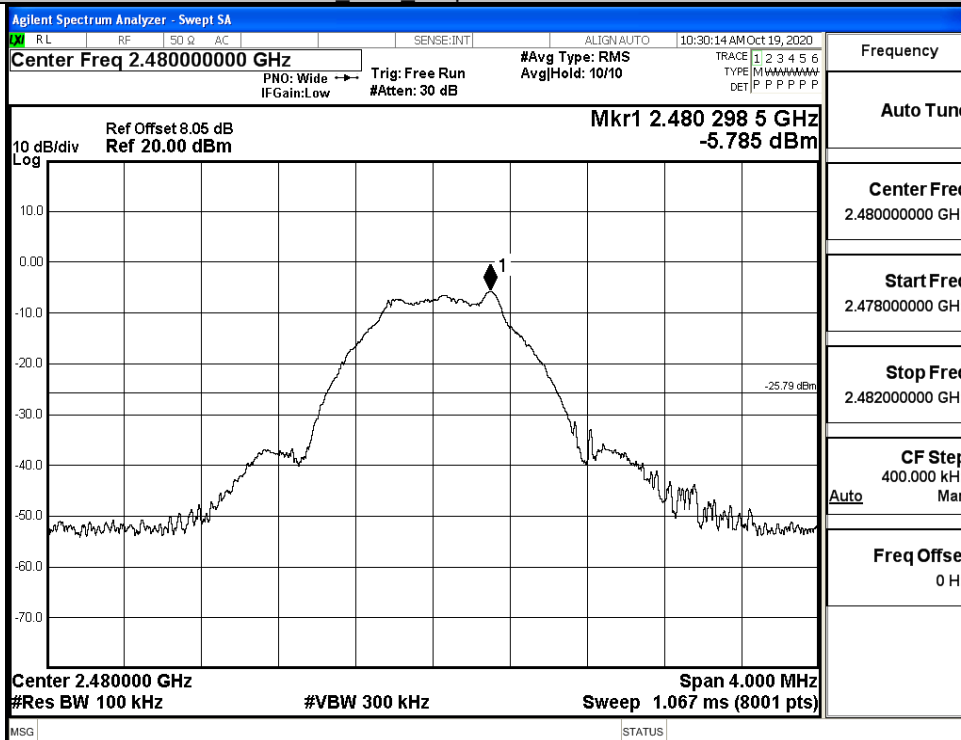


Puw/BT LE/MCH

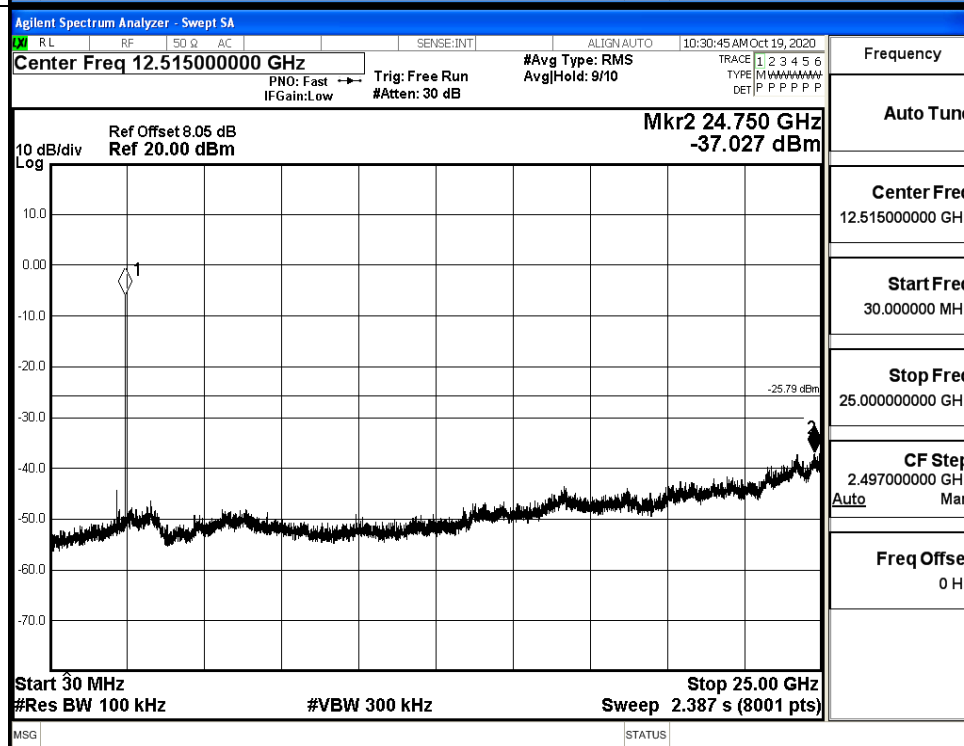


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

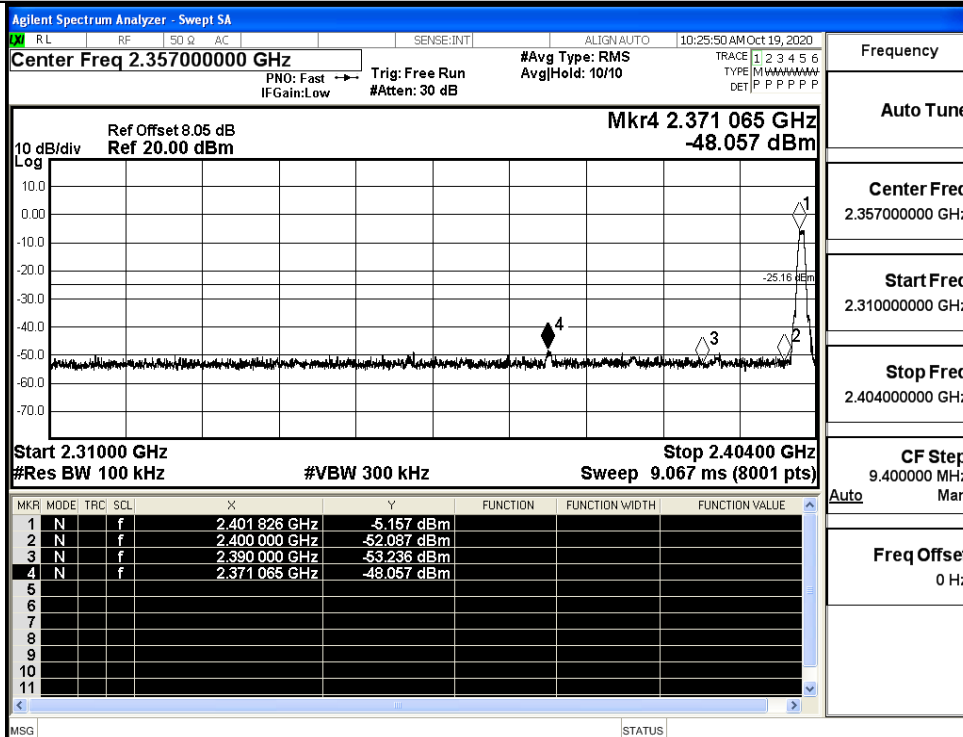


B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.157	-48.057	-25.16	PASS
BT LE	HCH	-5.801	-48.559	-25.8	PASS

Test Graphs

LCH



Frequency

Auto Tune

Center Freq

2.357000000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.404000000 GHz

CF Step

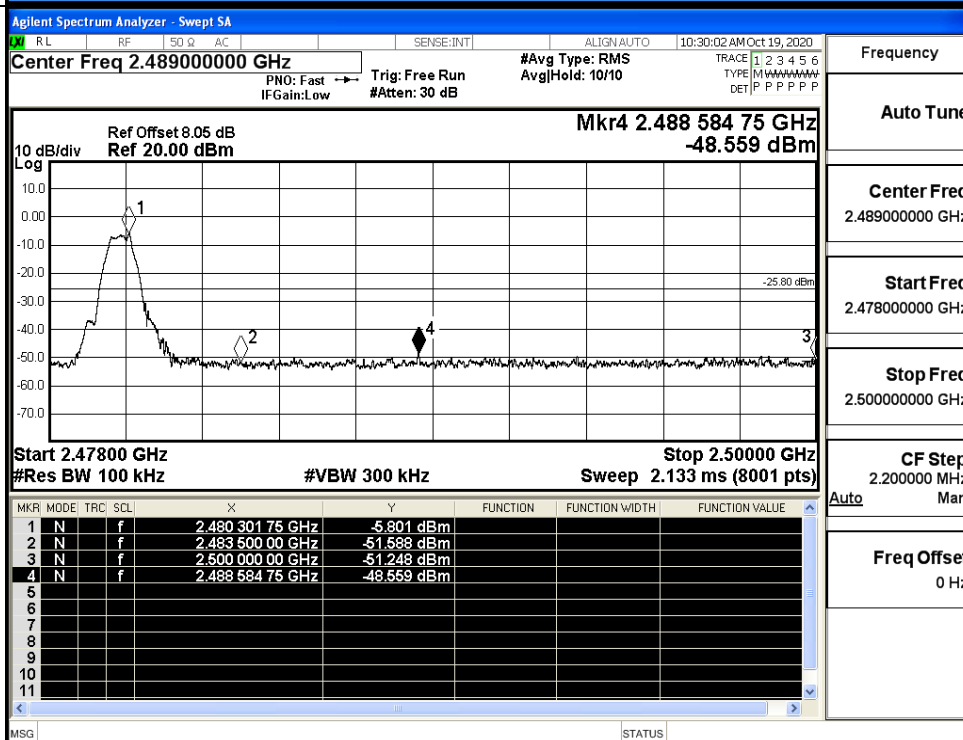
9.400000 MHz

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

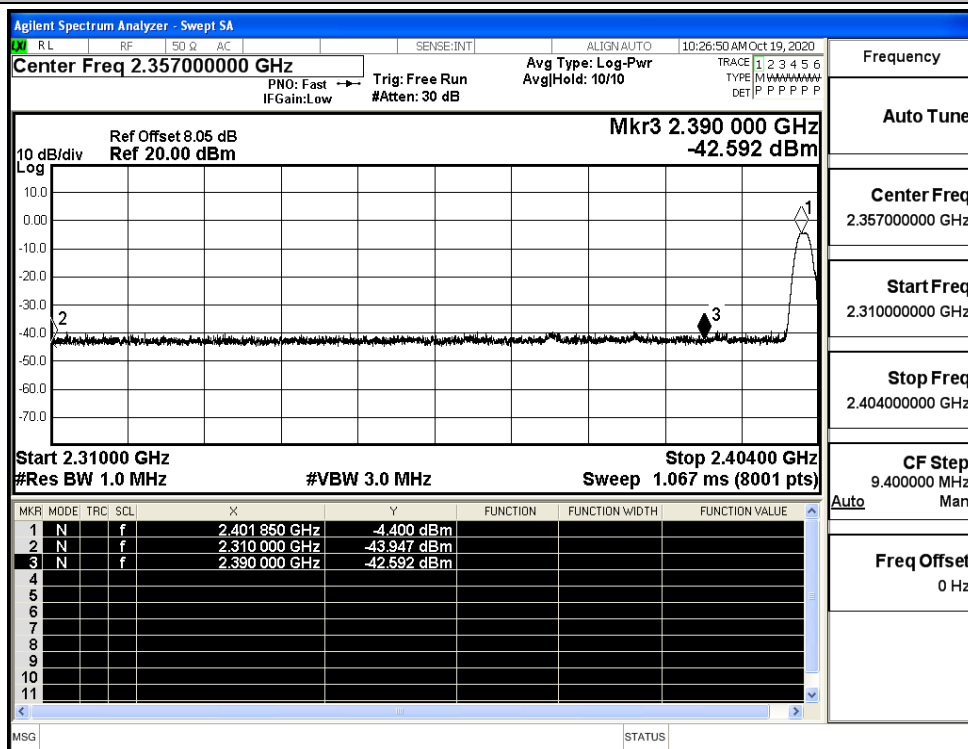
Freq Offset

0 Hz

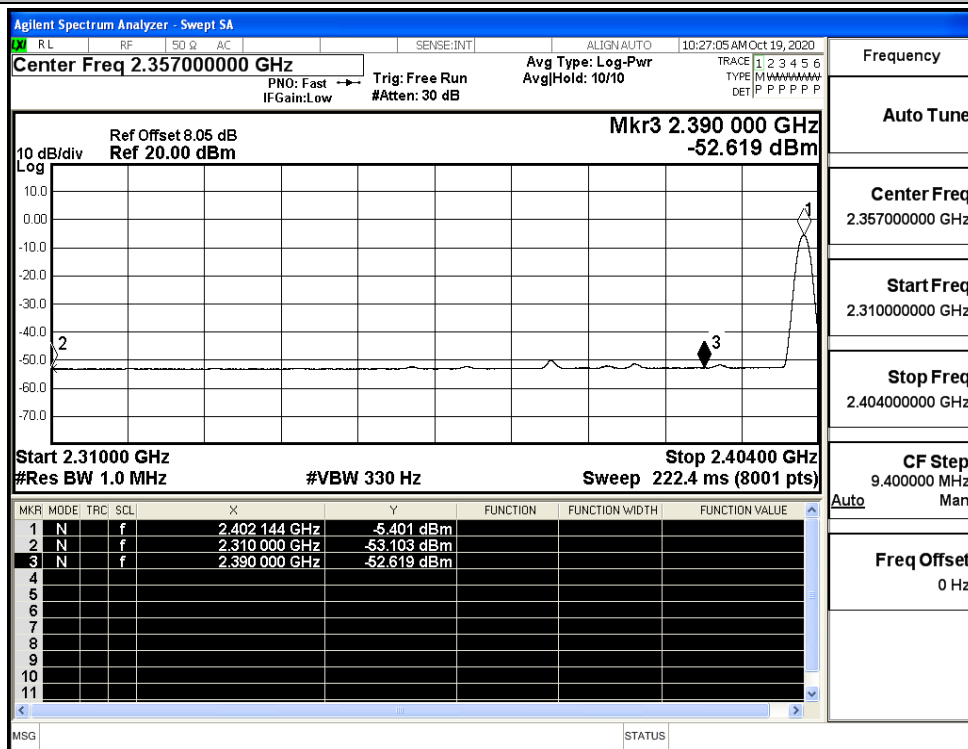
B.7 Restrict-band band-edge measurements

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	-43.95	2.81	0	52.12	PEAK	74	PASS
		Ant1	2310.0	-53.10	2.81	0	42.96	AV	54	PASS
		Ant1	2390.0	-42.59	2.81	0	53.48	PEAK	74	PASS
		Ant1	2390.0	-52.62	2.81	0	43.45	AV	54	PASS
	2480	Ant1	2483.5	-42.73	2.81	0	53.34	PEAK	74	PASS
		Ant1	2483.5	-52.30	2.81	0	43.76	AV	54	PASS
		Ant1	2500.0	-41.50	2.81	0	54.57	PEAK	74	PASS
		Ant1	2500.0	-51.81	2.81	0	44.25	AV	54	PASS

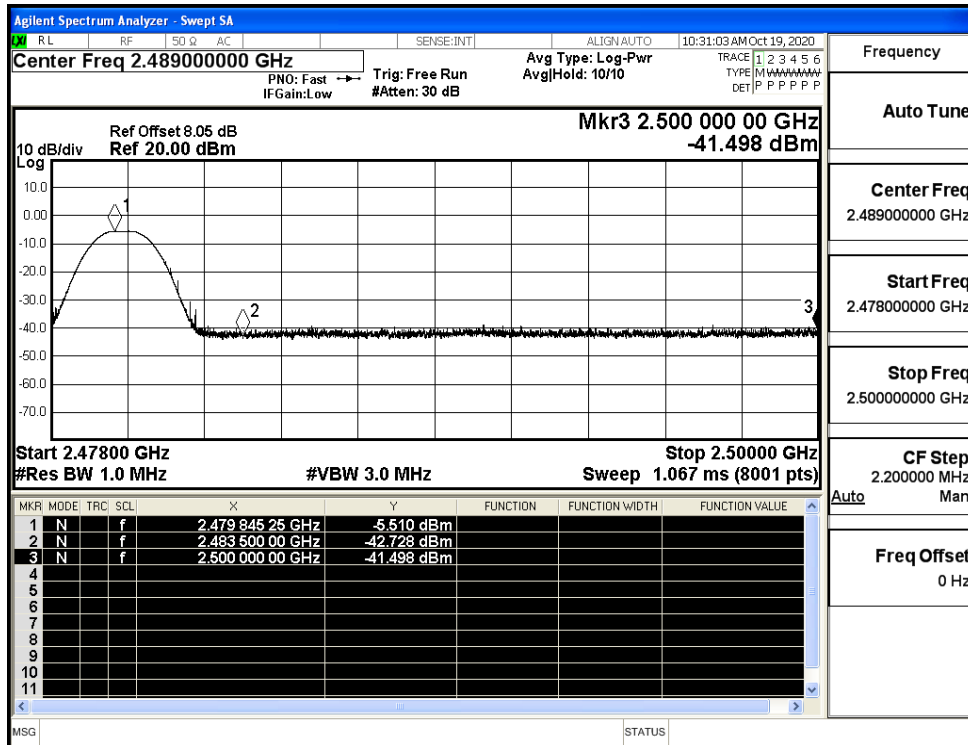
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

