

Appendix B

RF Test Data for BT V4.1(BDR/EDR) (Conducted Measurement)

Product Name: Look tablet

Trade Mark: Look2innovate

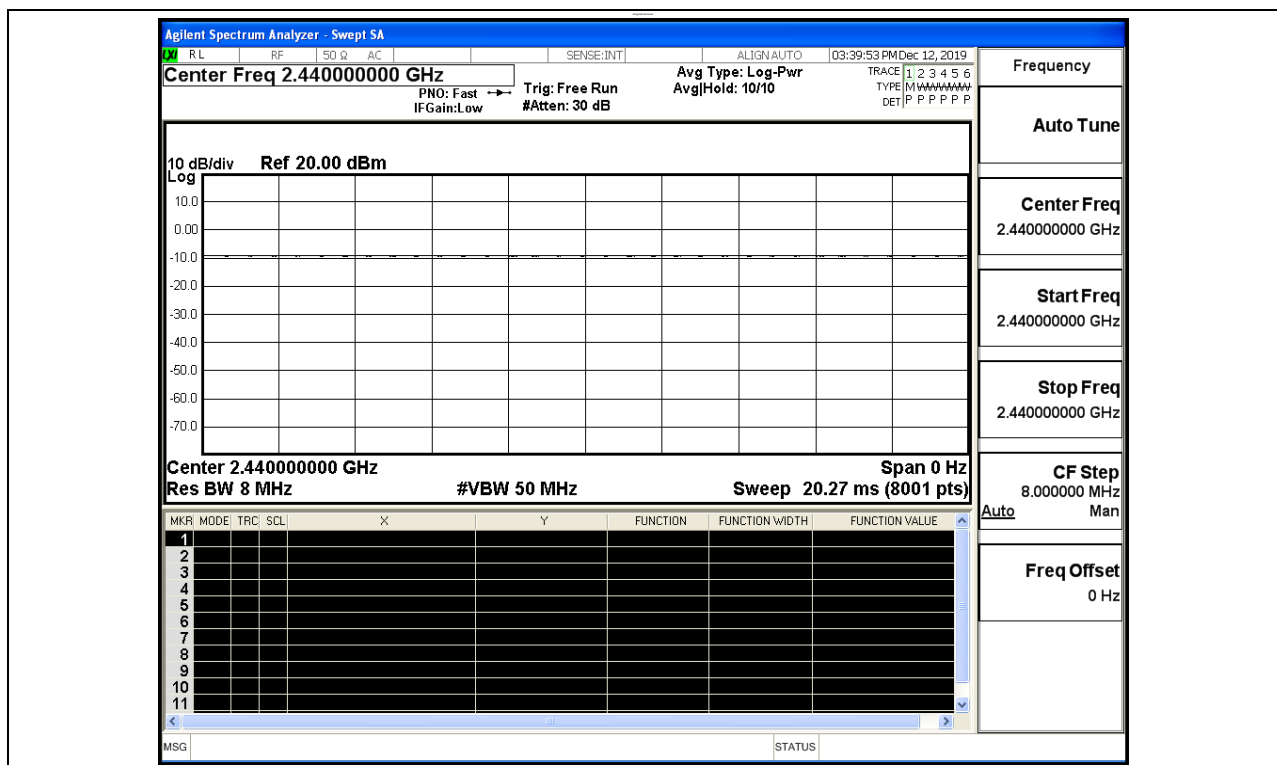
Test Model: LKTABLET1

Environmental Conditions

Temperature:	22.8 ° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Alisa Huang
Supervised by:	Wang Chuang

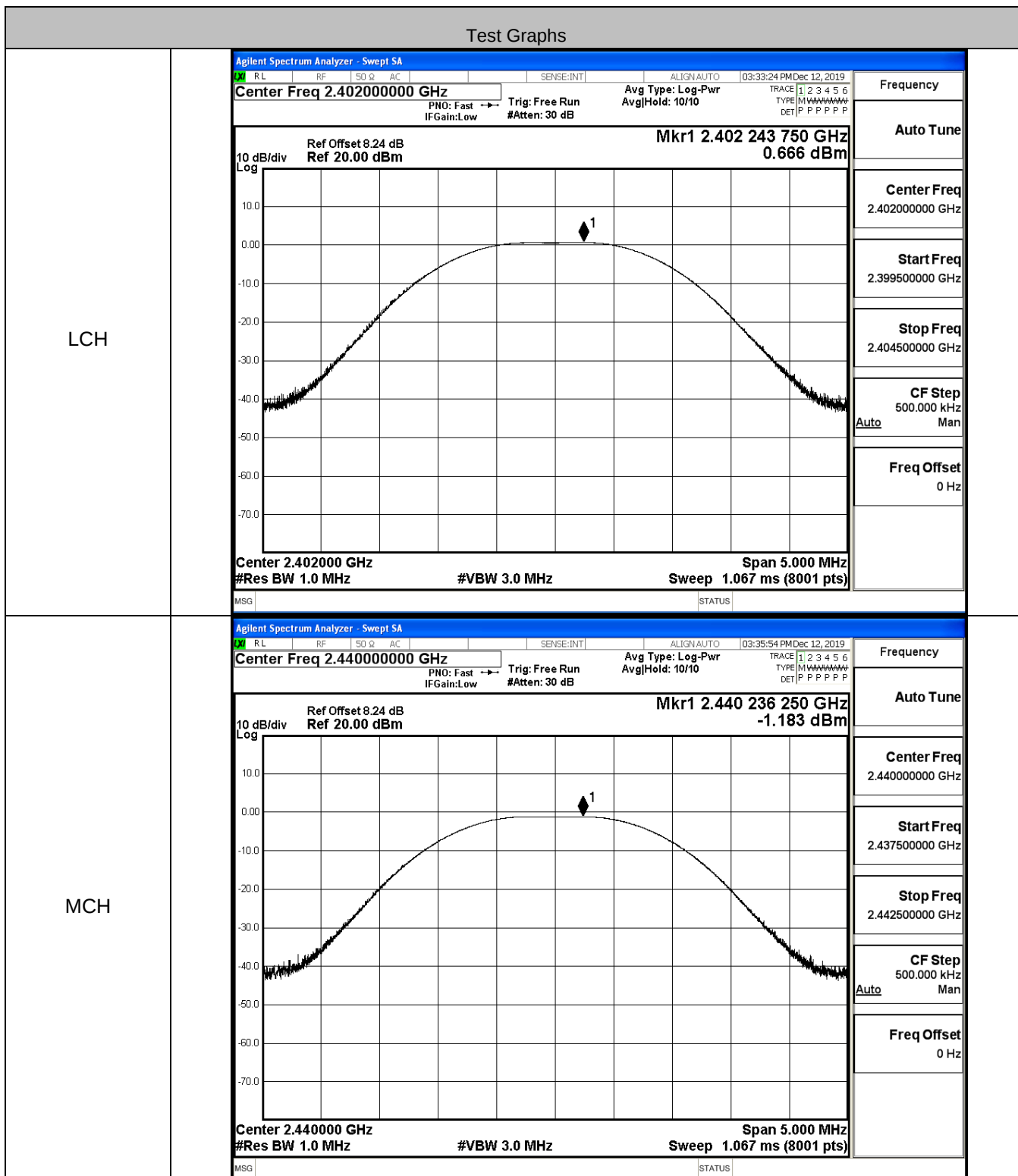
B.1 Duty Cycle

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	0.666	30	PASS
BT LE	MCH	-1.183	30	PASS
BT LE	HCH	0.005	30	PASS



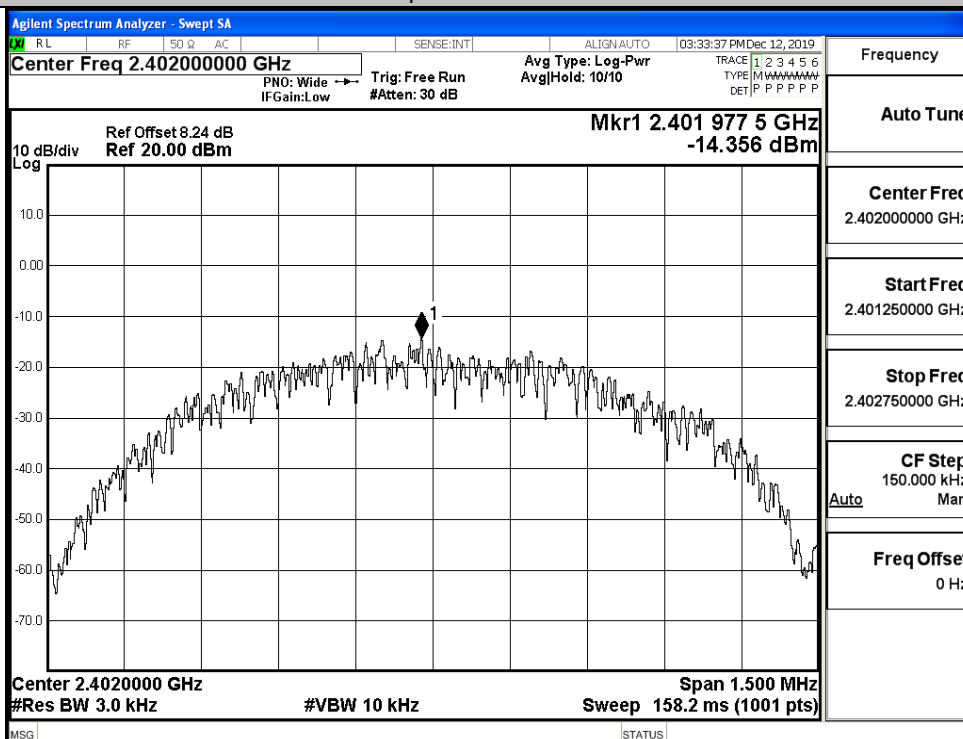


B.3 Maximum Power Spectral Density

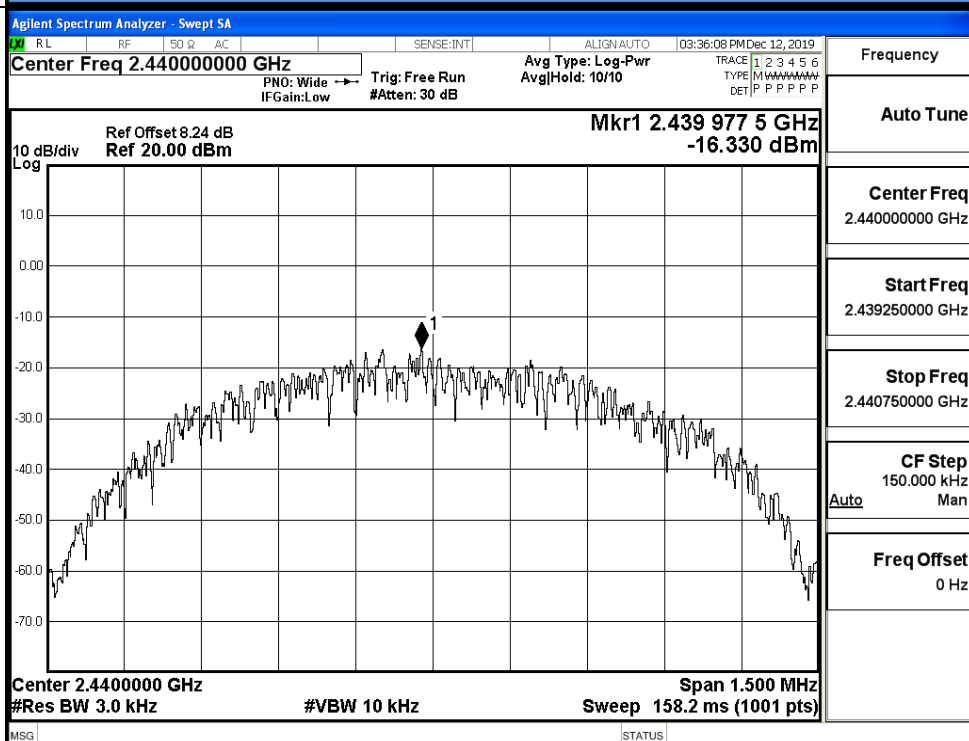
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.356	8	PASS
BT LE	MCH	-16.330	8	PASS
BT LE	HCH	-15.024	8	PASS

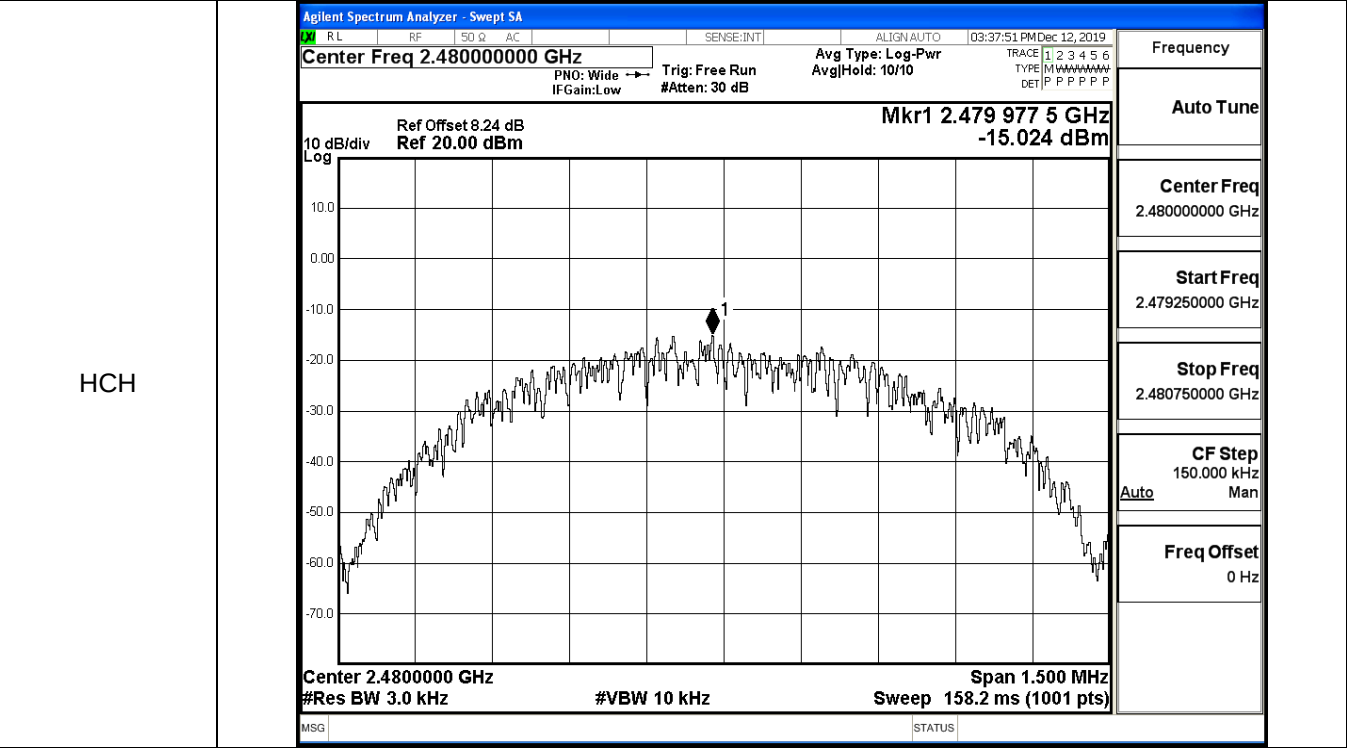
Test Graphs

LCH



MCH



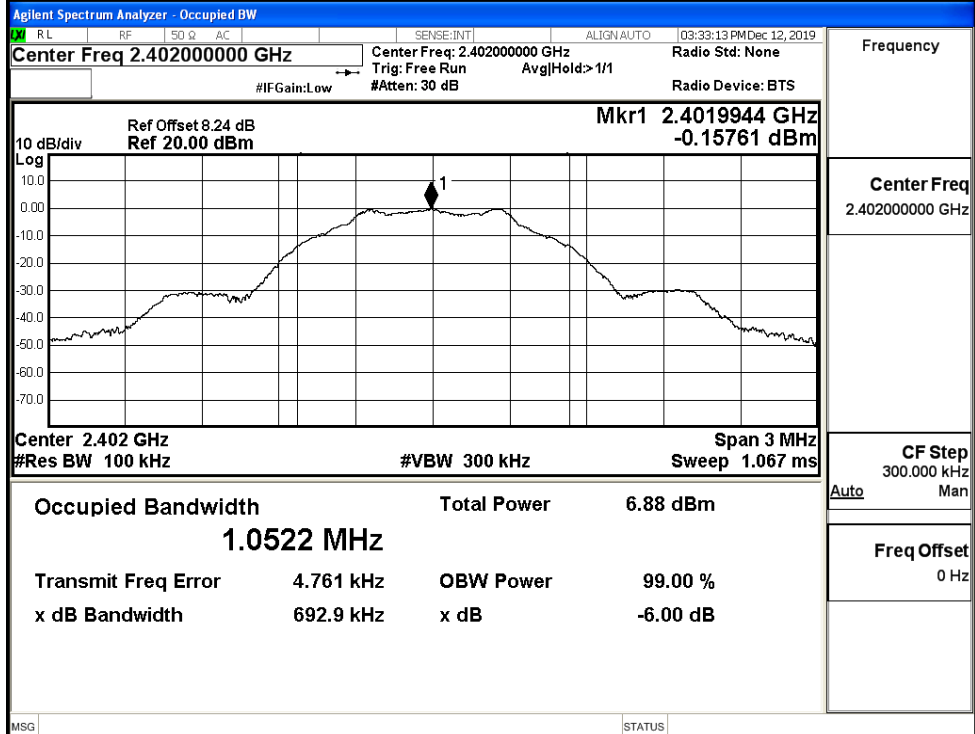


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6929	≥ 0.5	PASS
BT LE	MCH	0.6946	≥ 0.5	PASS
BT LE	HCH	0.7021	≥ 0.5	PASS

Test Graphs

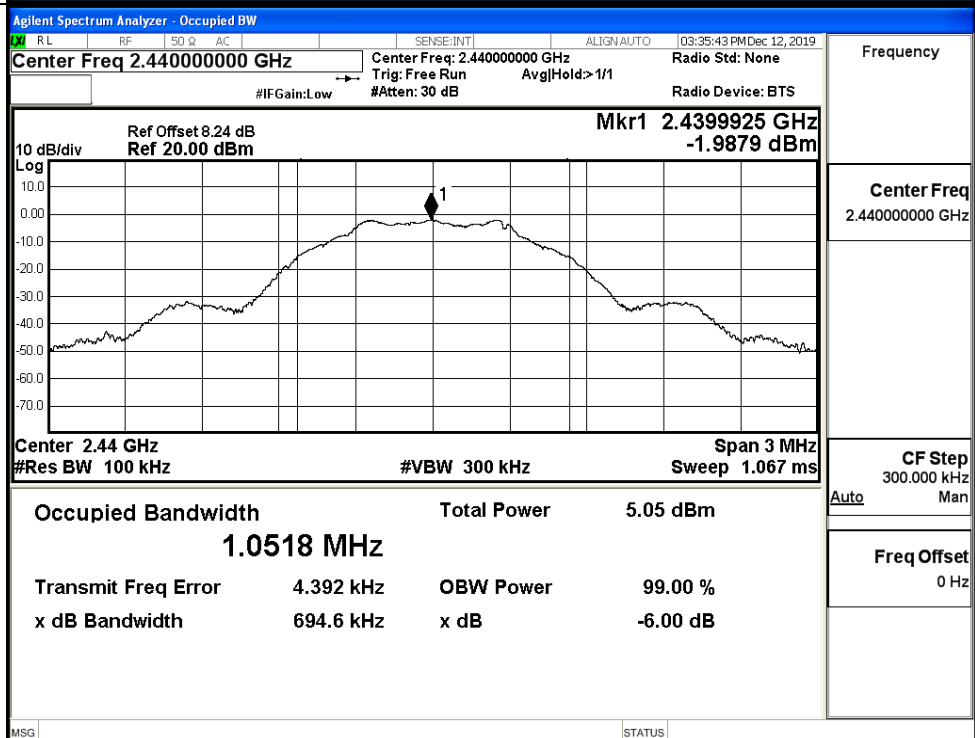
LCH



Frequency

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

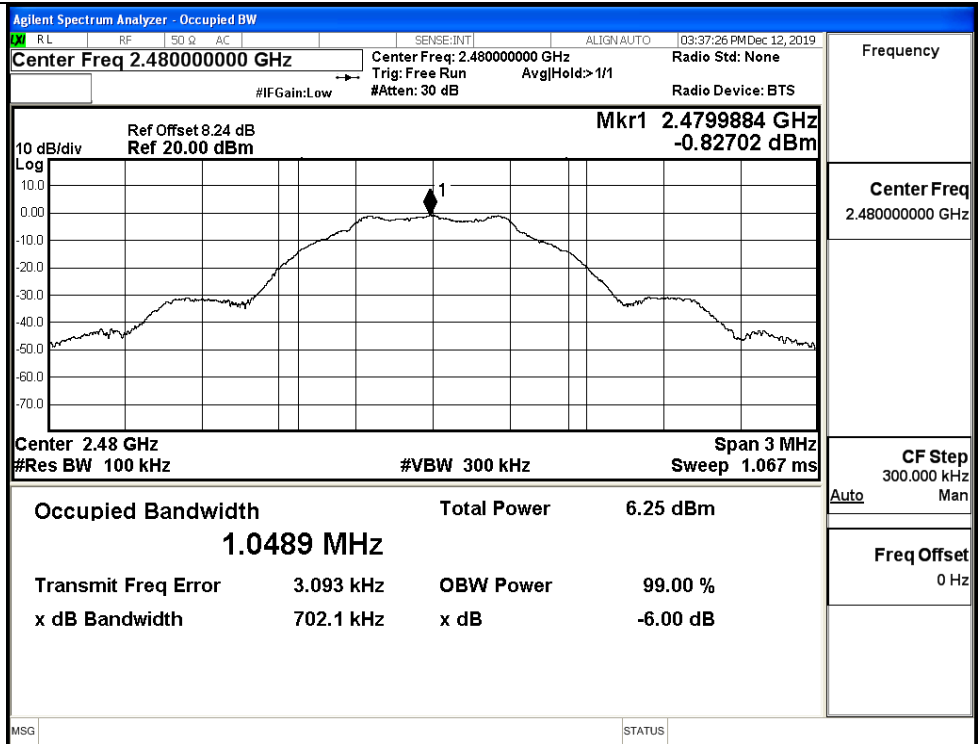
MCH



Frequency

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

HCH

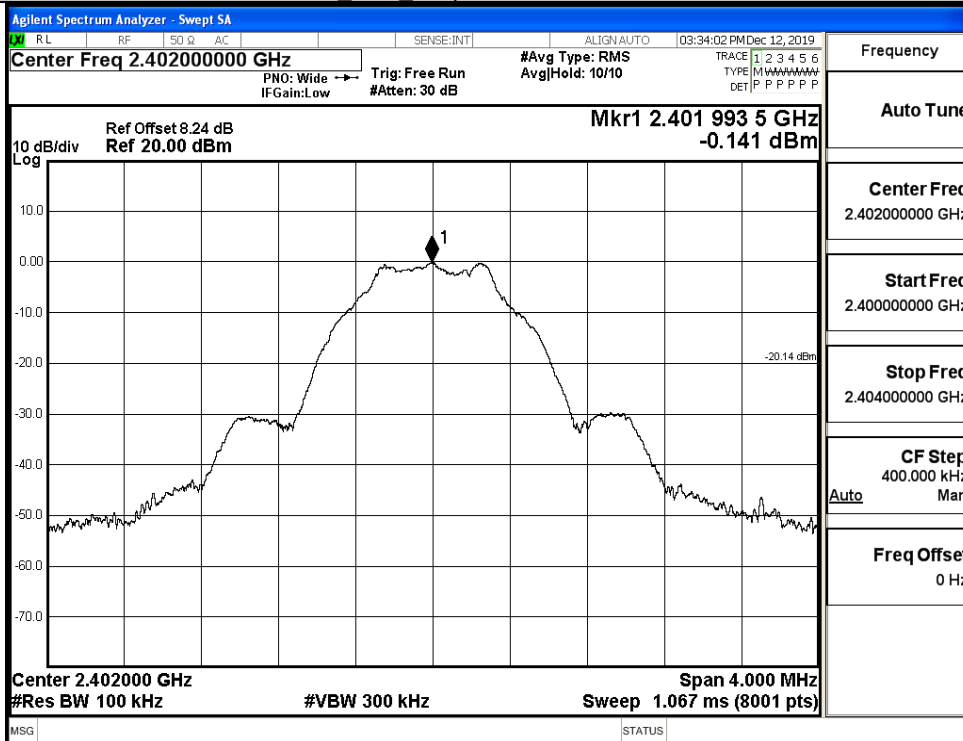


B.5 RF Conducted Spurious Emissions

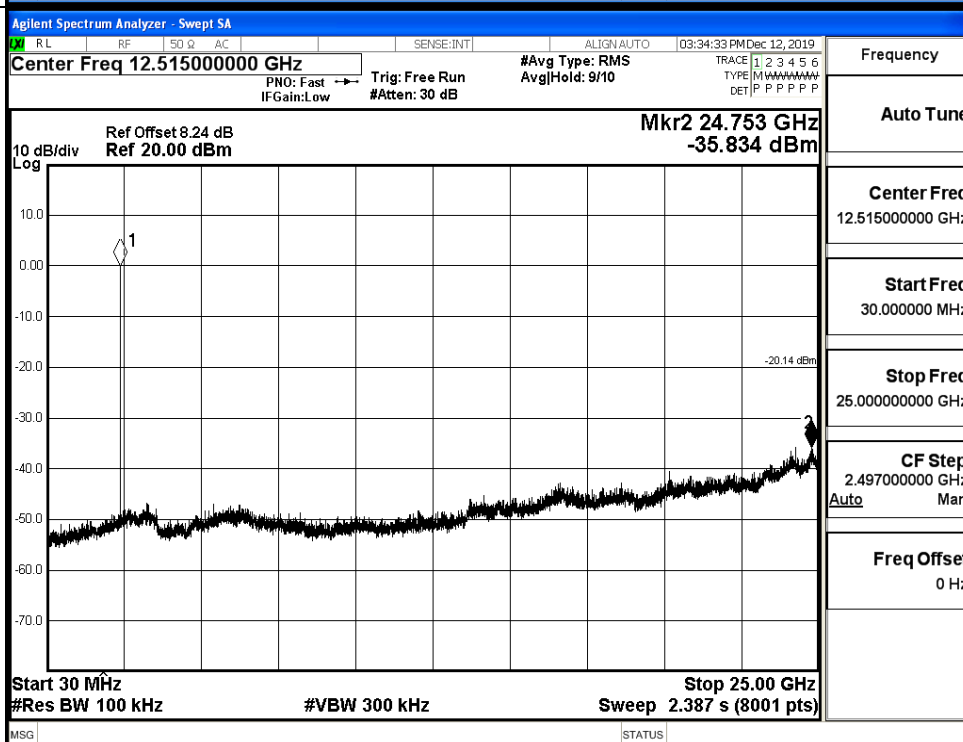
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.141	-35.834	-20.141	PASS
BT LE	MCH	-1.976	-36.280	-21.976	PASS
BT LE	HCH	-0.798	-35.481	-20.798	PASS

BT LE LCH Graphs

Pref/BT LE/LCH

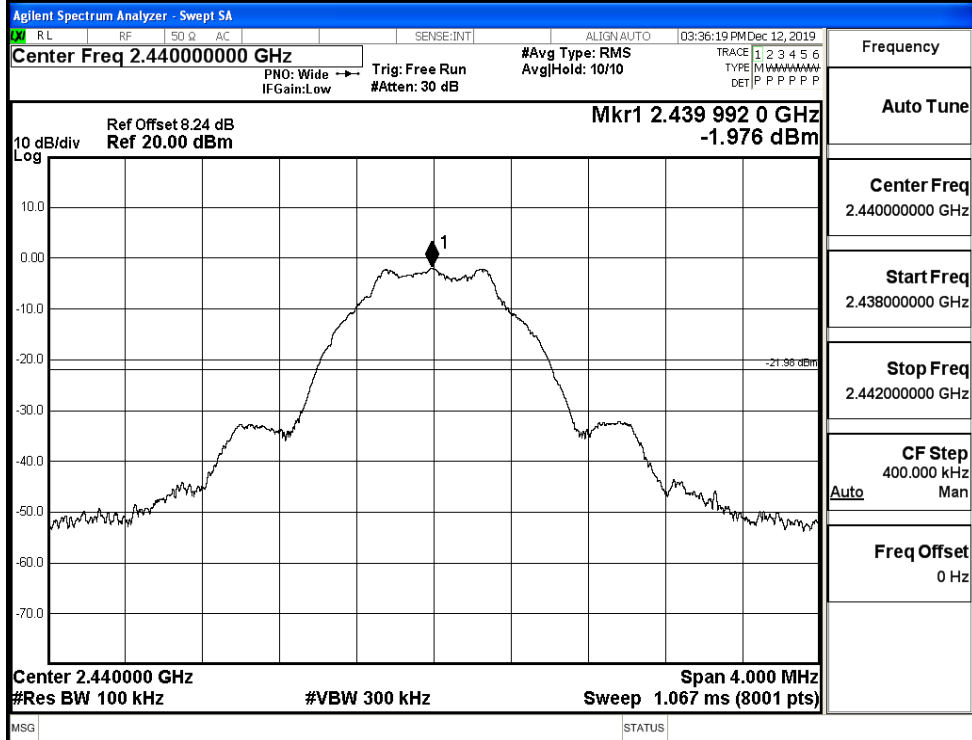


Puw/BT LE/LCH

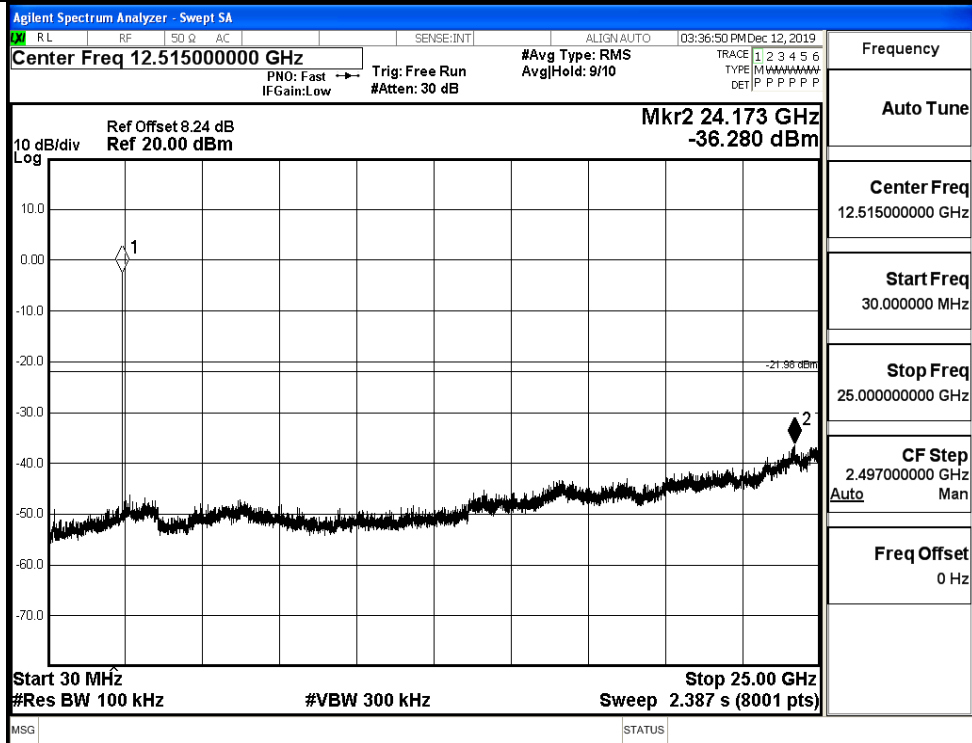


BT LE MCH Graphs

Pref/BT LE/MCH

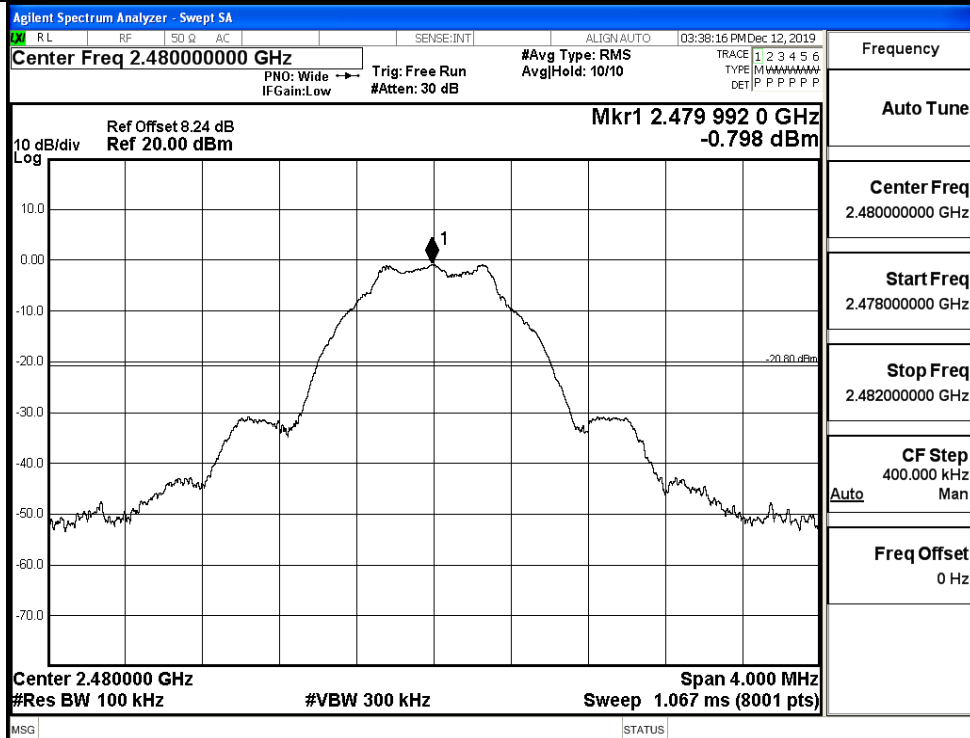


Puw/BT LE/MCH

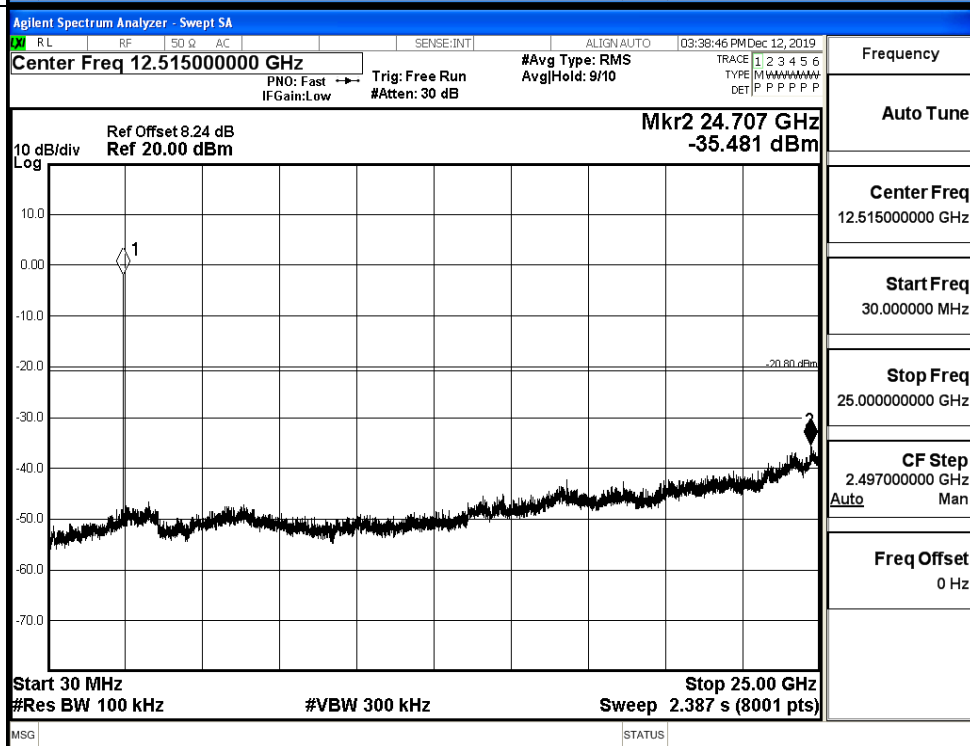


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

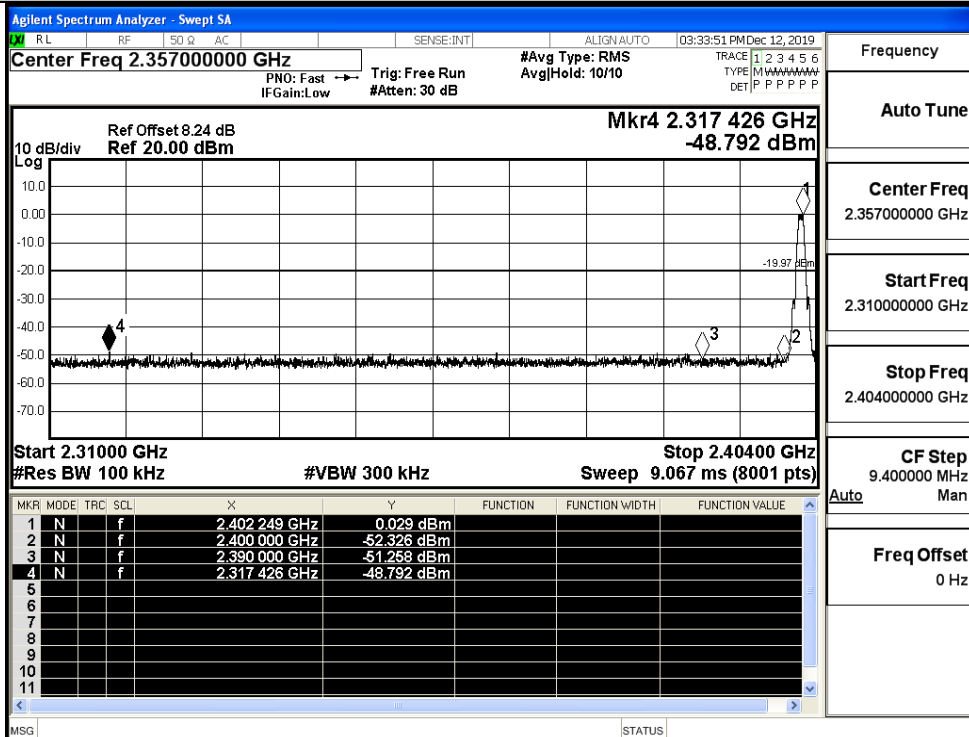


B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.029	-48.792	-19.97	PASS
BT LE	HCH	-0.577	-48.475	-20.58	PASS

Test Graphs

LCH



Frequency

Auto Tune

Center Freq

2.357000000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.404000000 GHz

CF Step

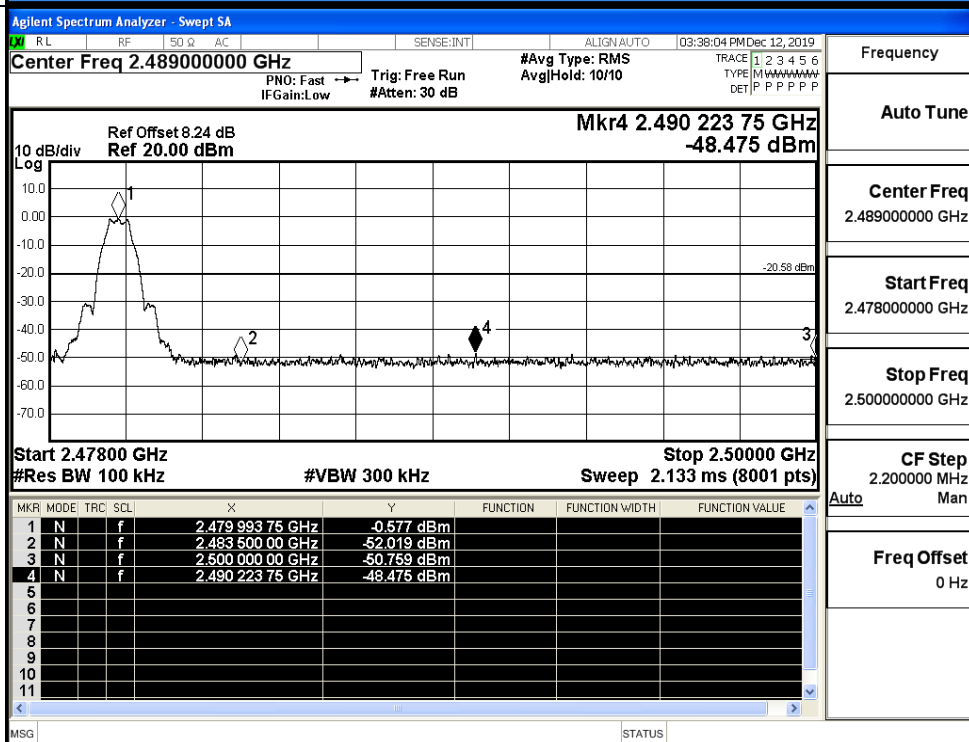
9.400000 MHz

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

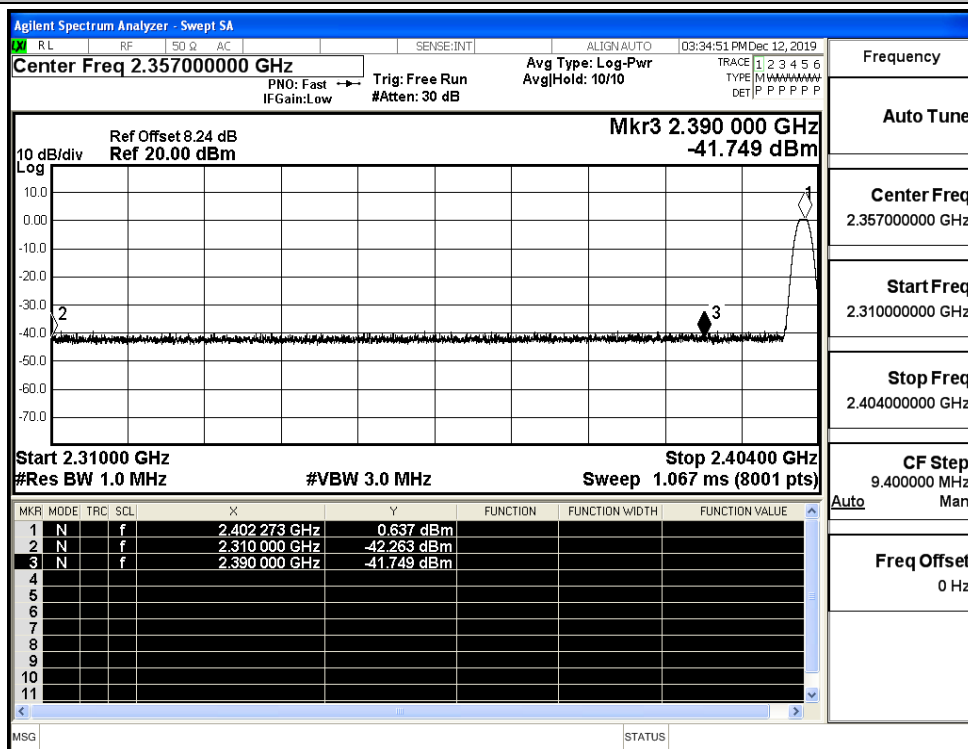
Freq Offset

0 Hz

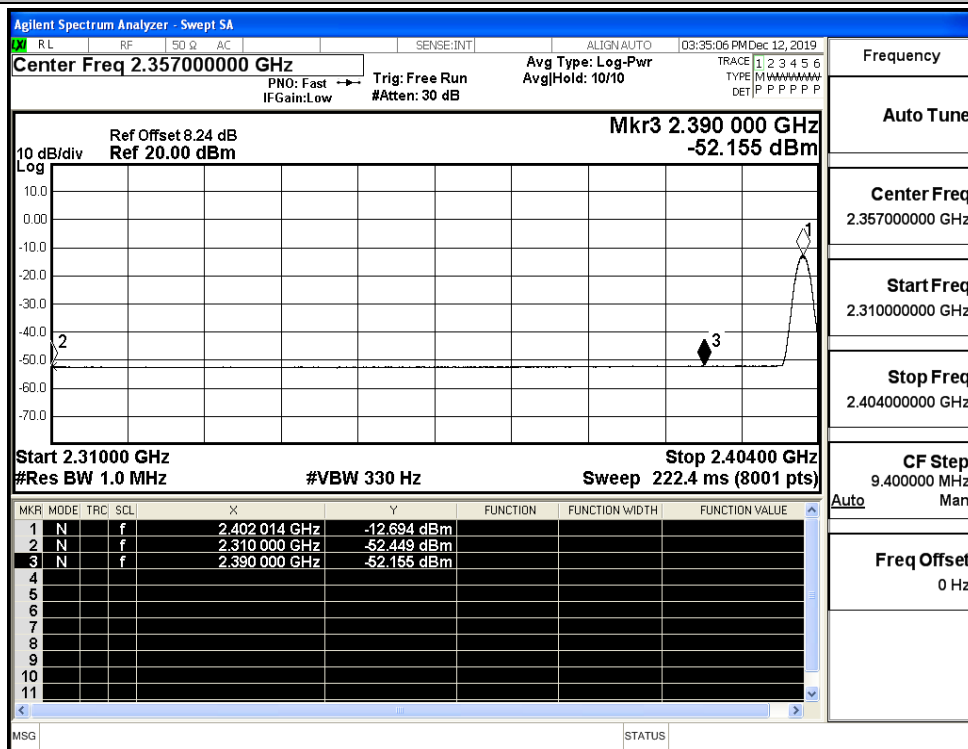
B.7 Restrict-band band-edge measurements

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	-42.26	2.0	0	52.99	PEAK	74	PASS
		Ant1	2310.0	-52.45	2.0	0	42.81	AV	54	PASS
		Ant1	2390.0	-41.75	2.0	0	53.51	PEAK	74	PASS
		Ant1	2390.0	-52.16	2.0	0	43.10	AV	54	PASS
	2480	Ant1	2483.5	-41.54	2.0	0	53.72	PEAK	74	PASS
		Ant1	2483.5	-51.81	2.0	0	43.45	AV	54	PASS
		Ant1	2500.0	-41.14	2.0	0	54.12	PEAK	74	PASS
		Ant1	2500.0	-51.60	2.0	0	43.66	AV	54	PASS

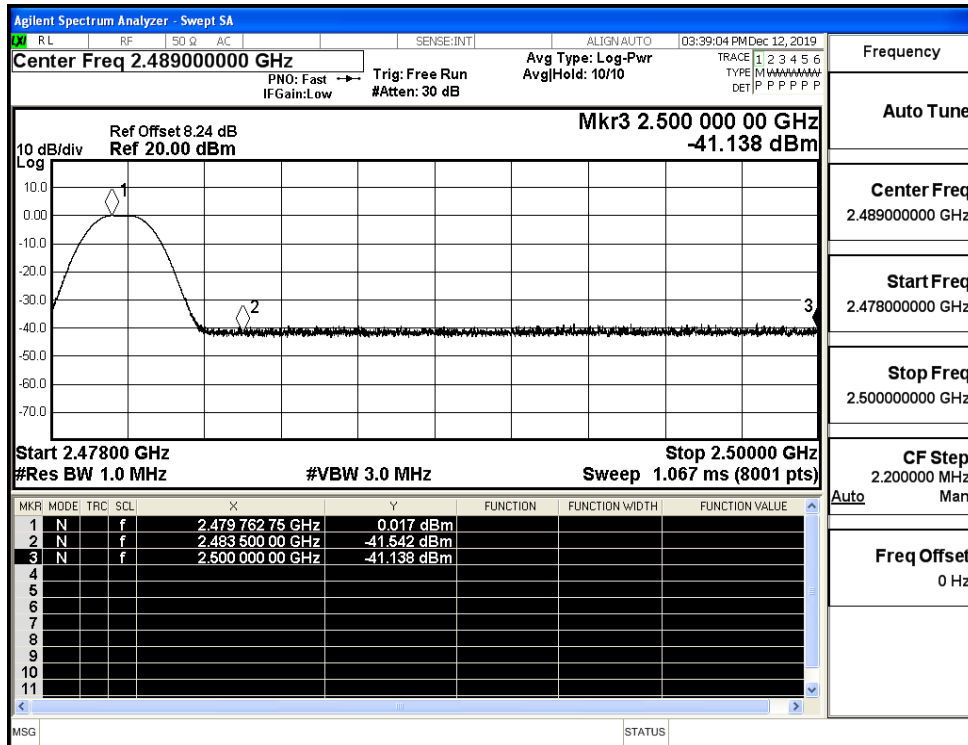
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

