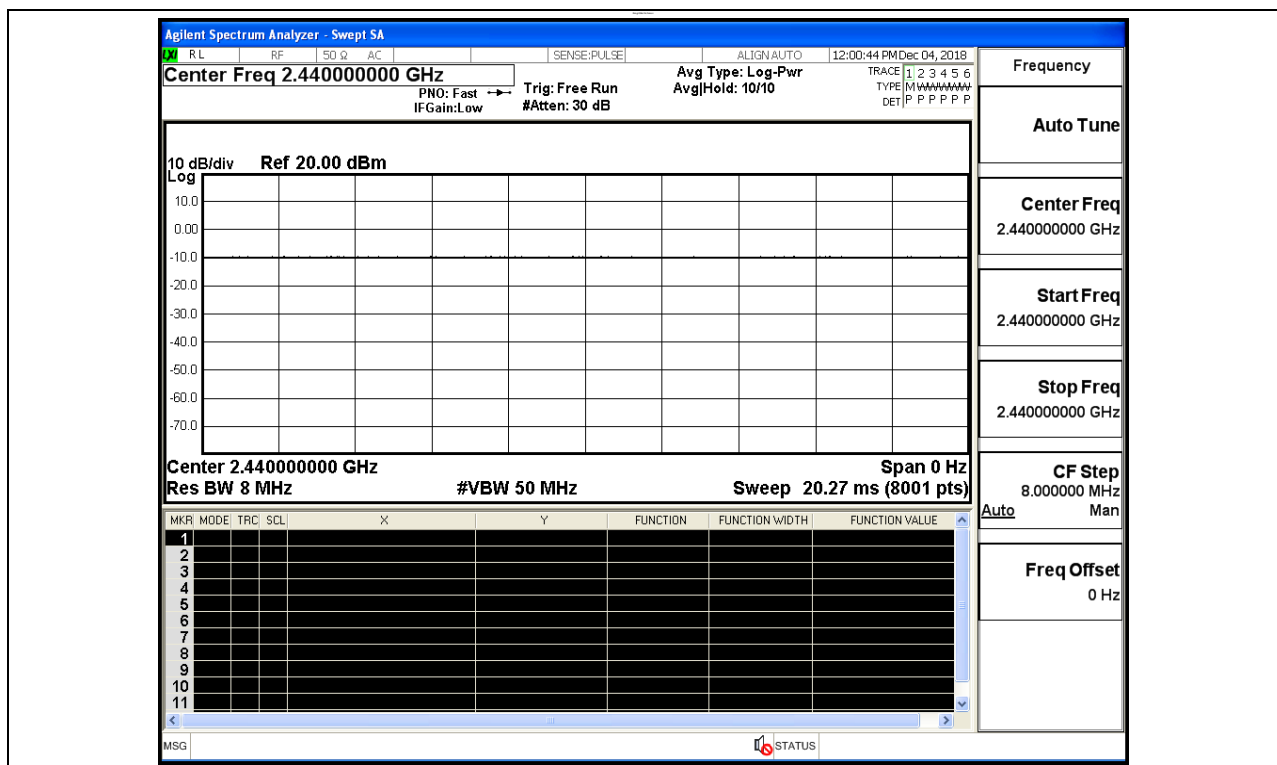


Test Model: NLS-NVH200

Environmental Conditions	
Temperature:	24.5 ° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden.Zhuo

Test Mode	Test Channel	Data Rate	Ant	Duty Cycle[%]	Verdict
BT LE	2440	2M	Ant1	100	PASS

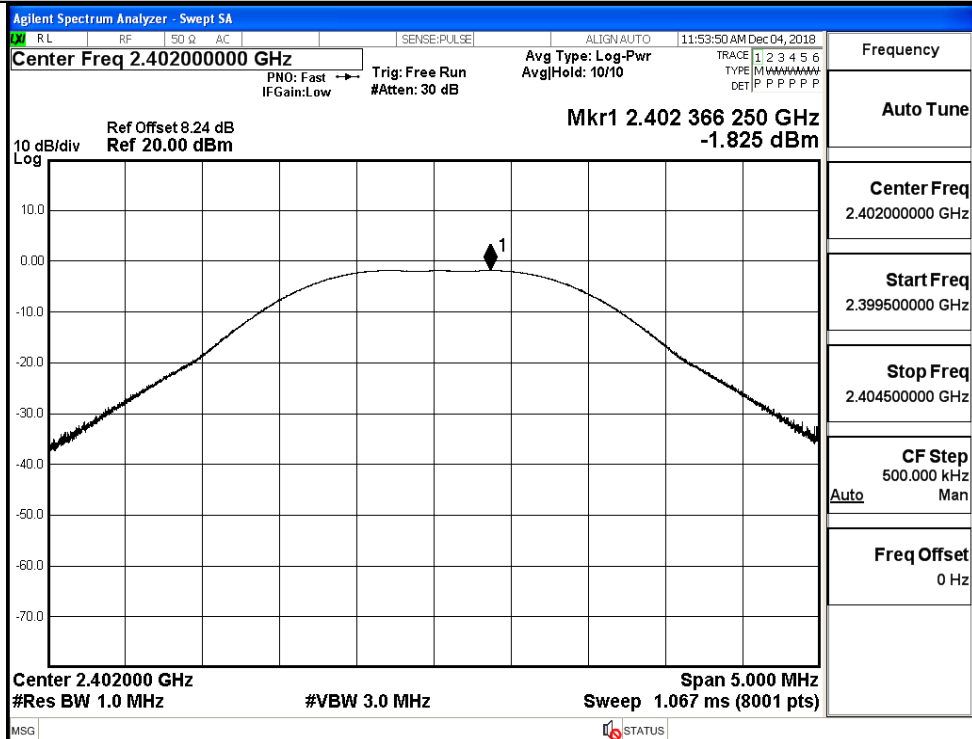


A.2 Maximum Conducted Peak Output Power

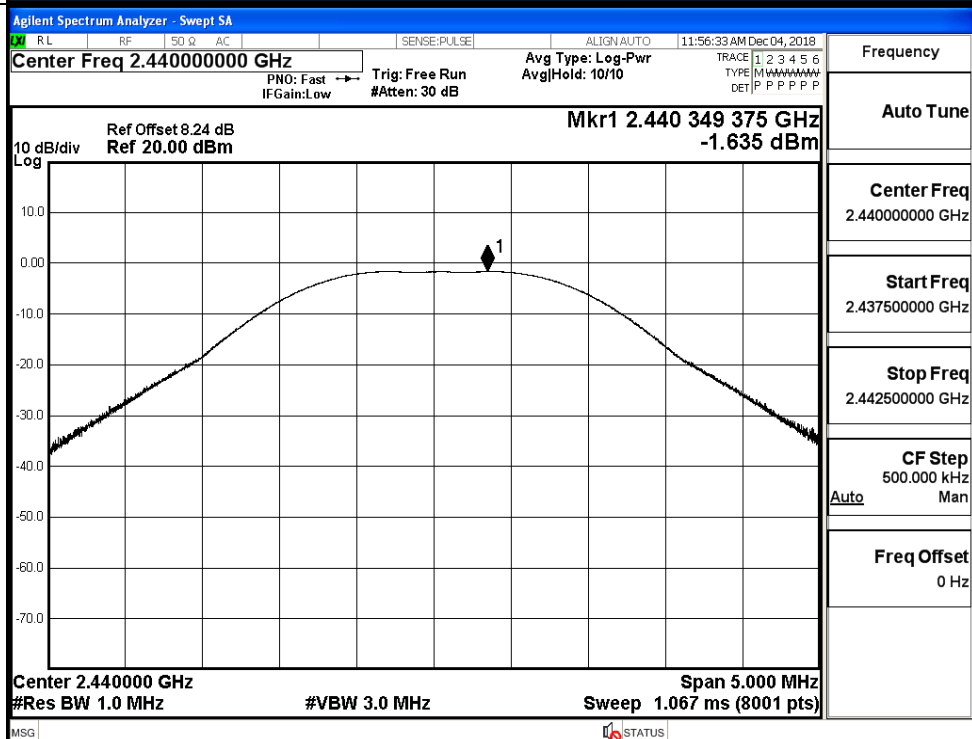
Mode	Data Rate	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	2M	LCH	-1.825	30	PASS
BT LE	2M	MCH	-1.635	30	PASS
BT LE	2M	HCH	-1.232	30	PASS

Test Graphs

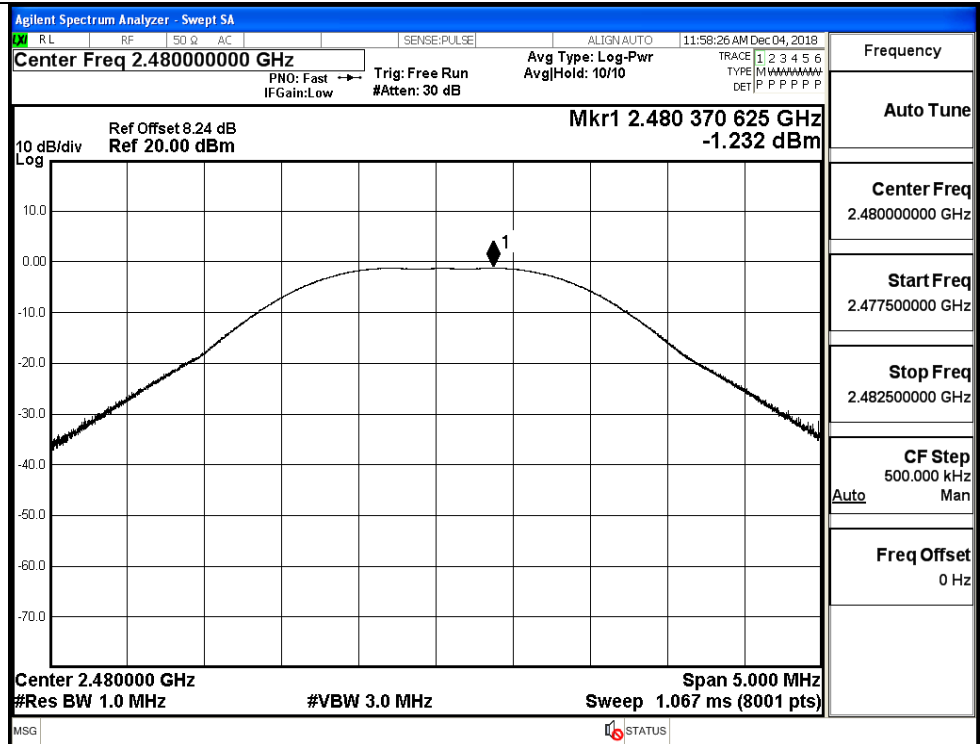
LCH



MCH



HCH

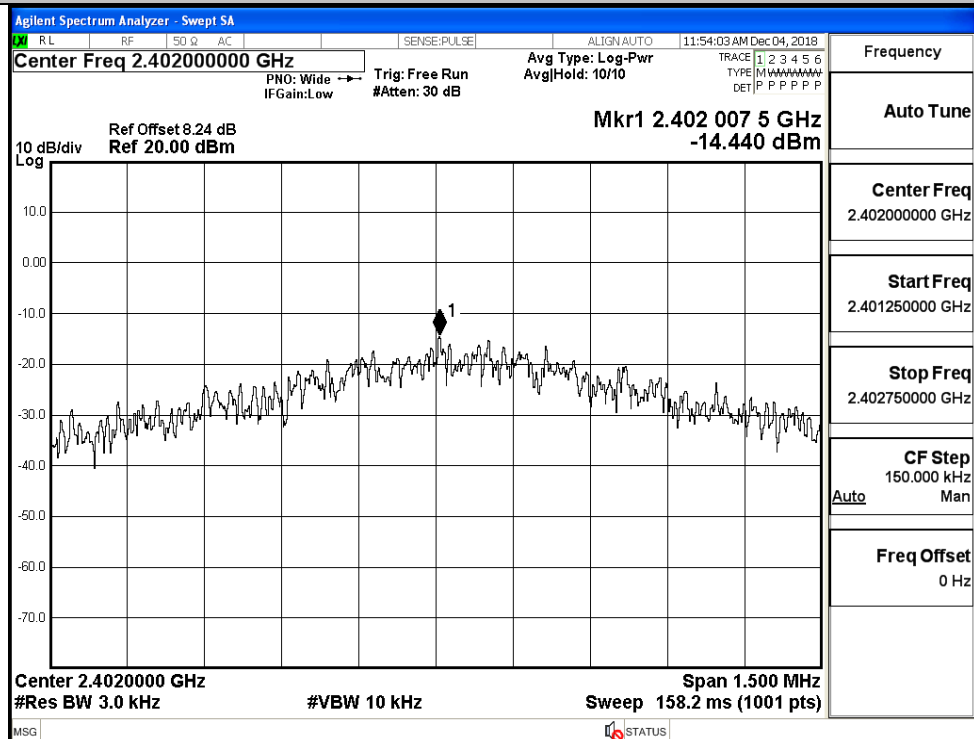


A.3 Maximum Power Spectral Density

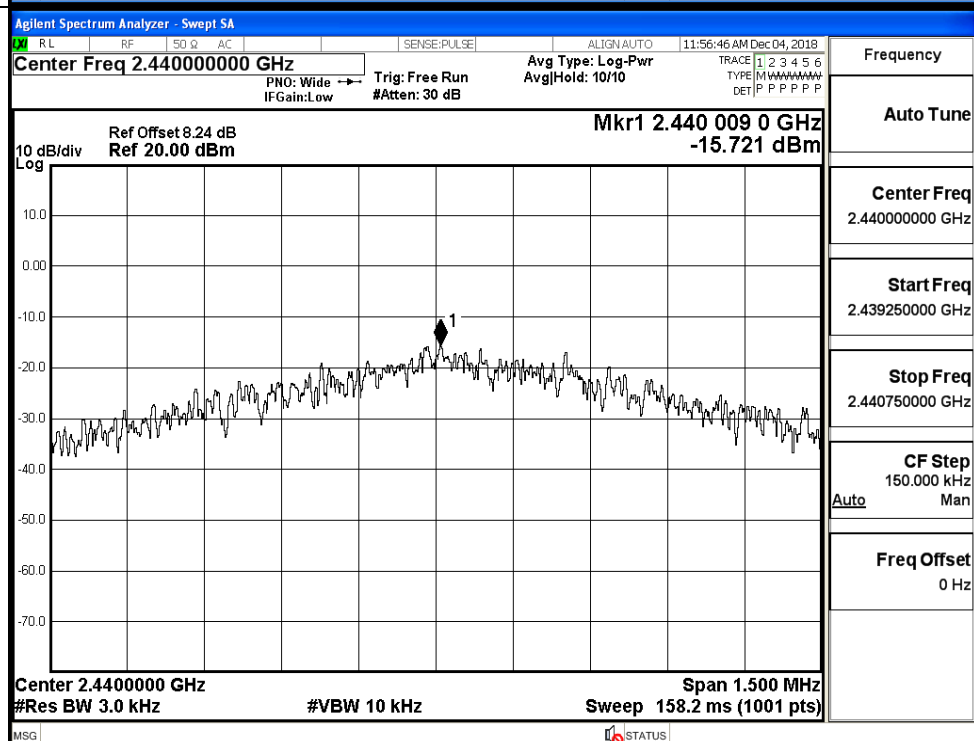
Mode	Data Rate	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	2M	LCH	-14.440	8	PASS
BT LE	2M	MCH	-15.721	8	PASS
BT LE	2M	HCH	-15.068	8	PASS

Test Graphs

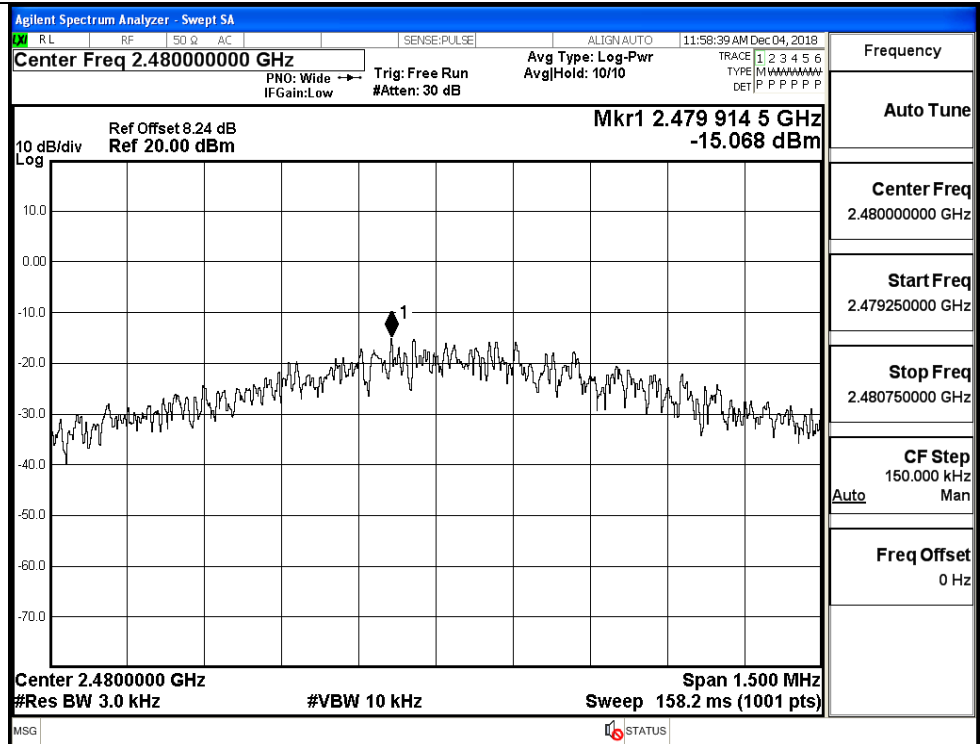
LCH



MCH



HCH

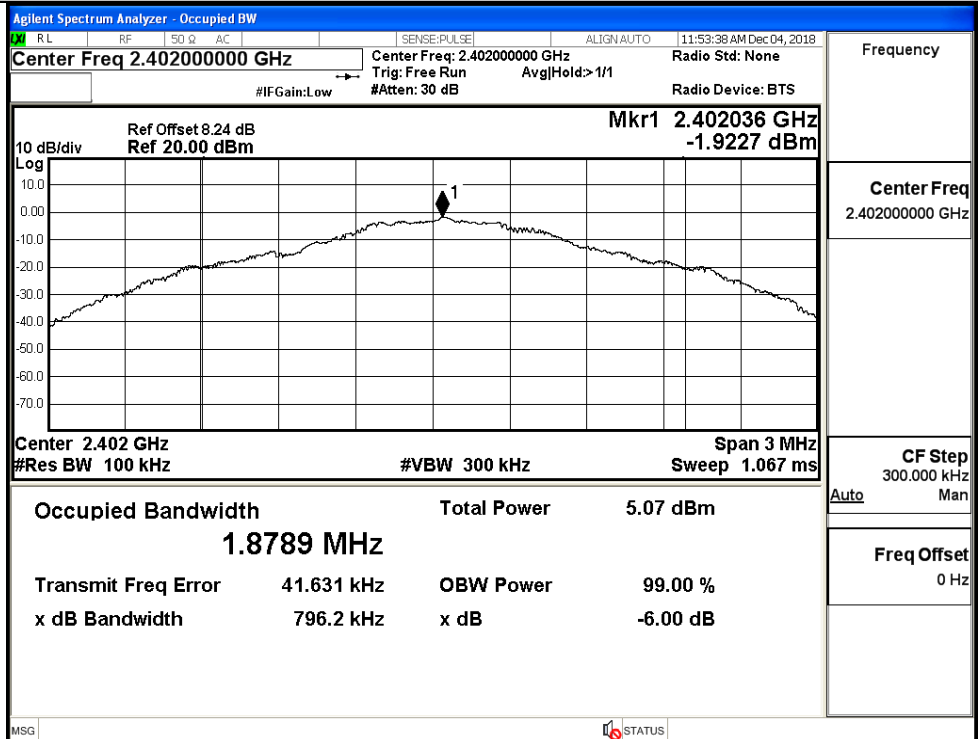


A.4 6dB Bandwidth

Mode	Data Rate	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	2M	LCH	0.7962	≥0.5	PASS
BT LE	2M	MCH	0.7975	≥0.5	PASS
BT LE	2M	HCH	0.8082	≥0.5	PASS

Test Graphs

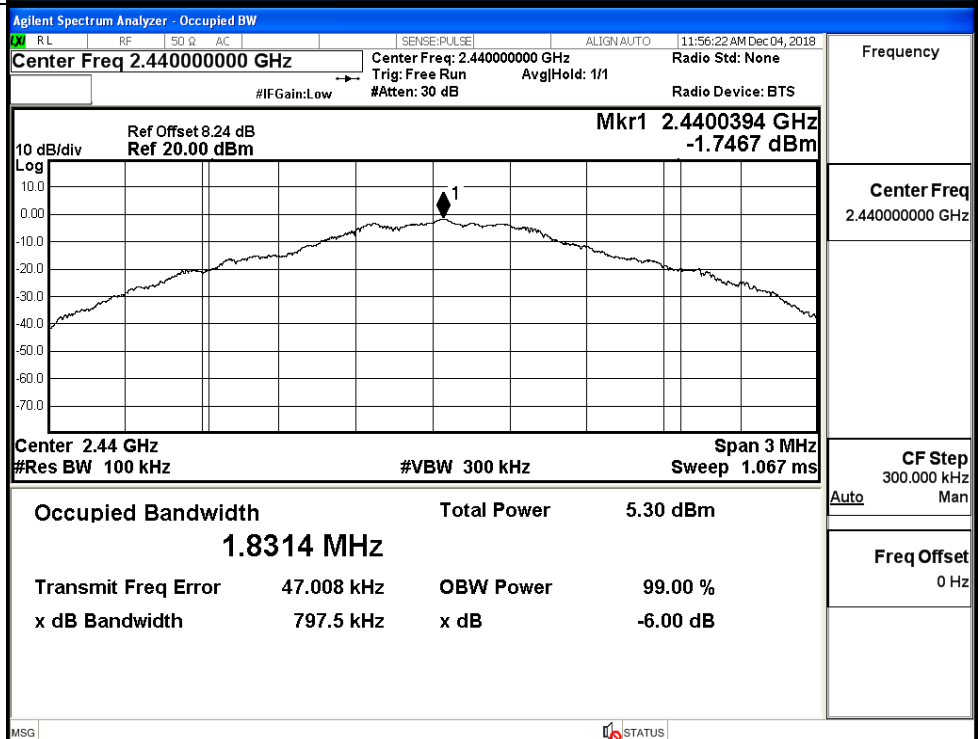
LCH



Frequency

Center Freq
2.402000000 GHzCF Step
300.000 kHz
ManFreq Offset
0 Hz

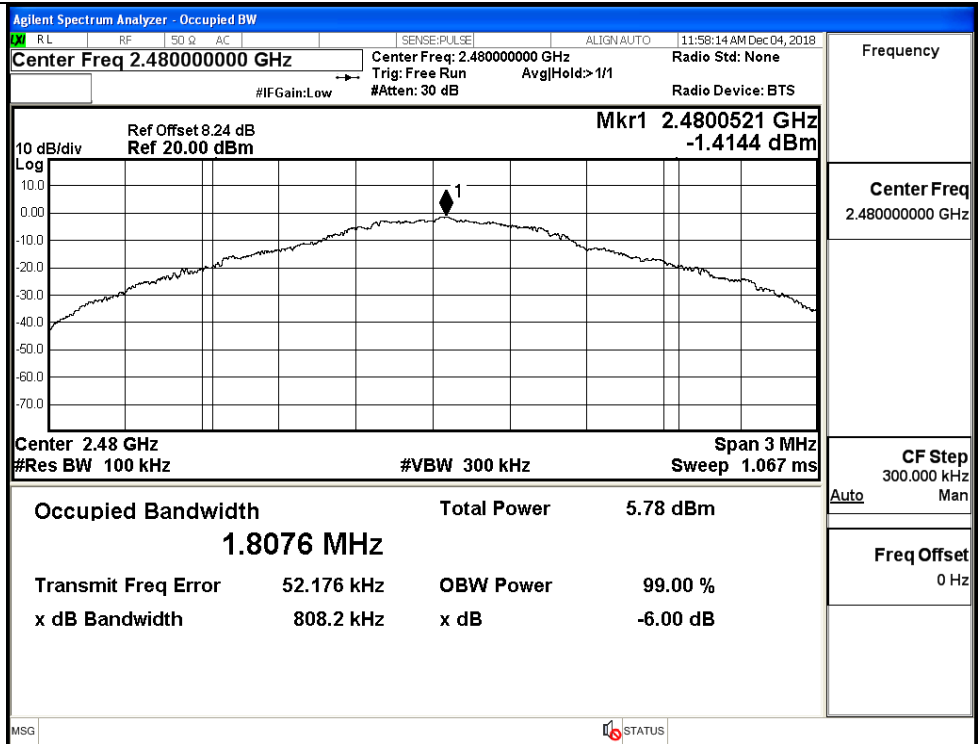
MCH



Frequency

Center Freq
2.440000000 GHzCF Step
300.000 kHz
ManFreq Offset
0 Hz

HCH

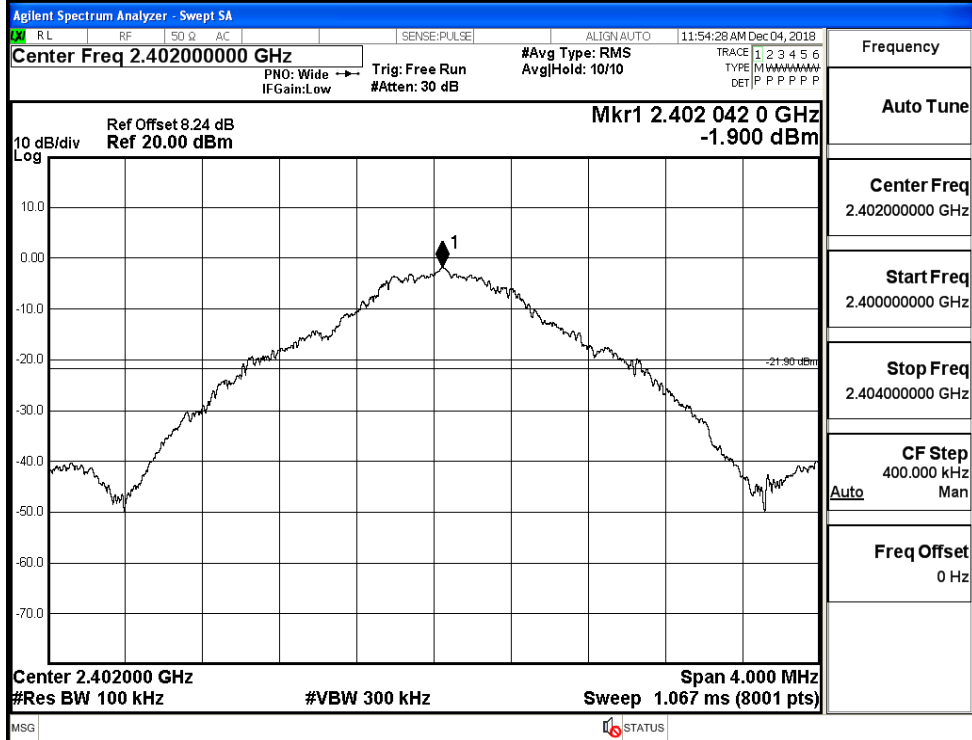


A.5 RF Conducted Spurious Emissions

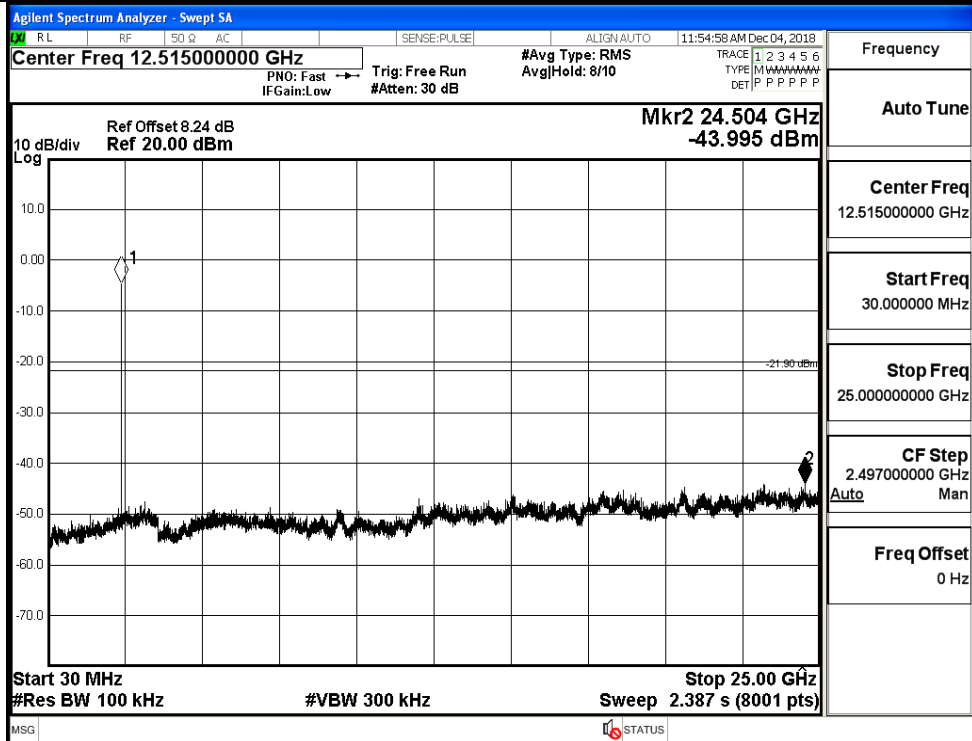
Mode	Channel	Data Rate	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2M	-1.900	-43.995	-21.900	PASS
BT LE	MCH	2M	-1.729	-44.690	-21.729	PASS
BT LE	HCH	2M	-1.333	-44.346	-21.333	PASS

BT5.0 LCH Graphs

Pref/BT5.0/LCH

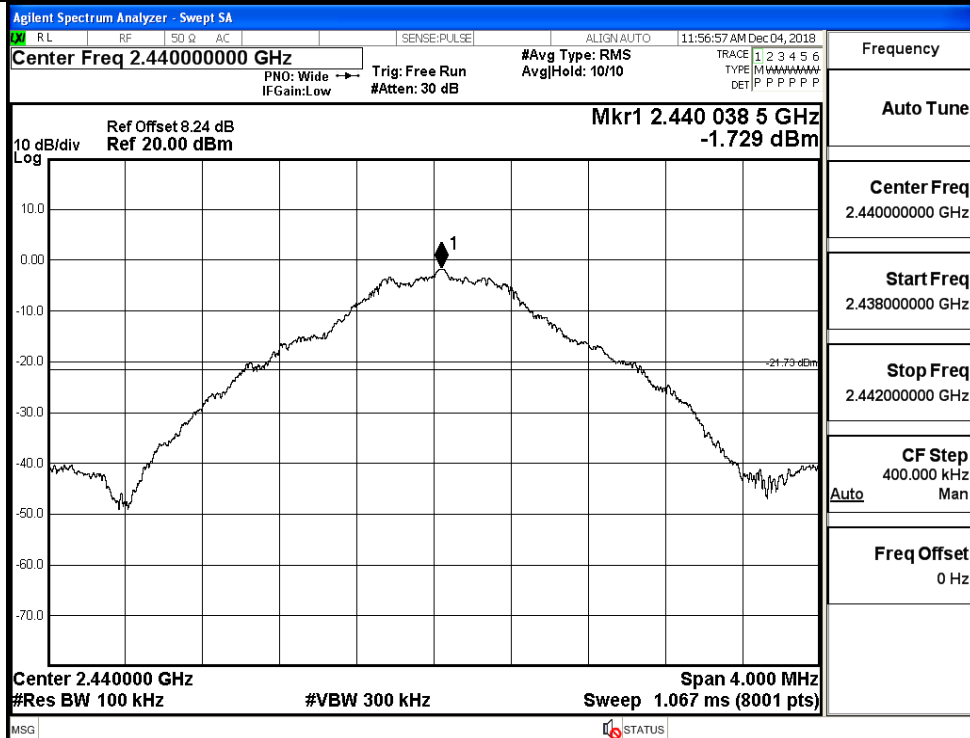


Puw/BT5.0/LCH

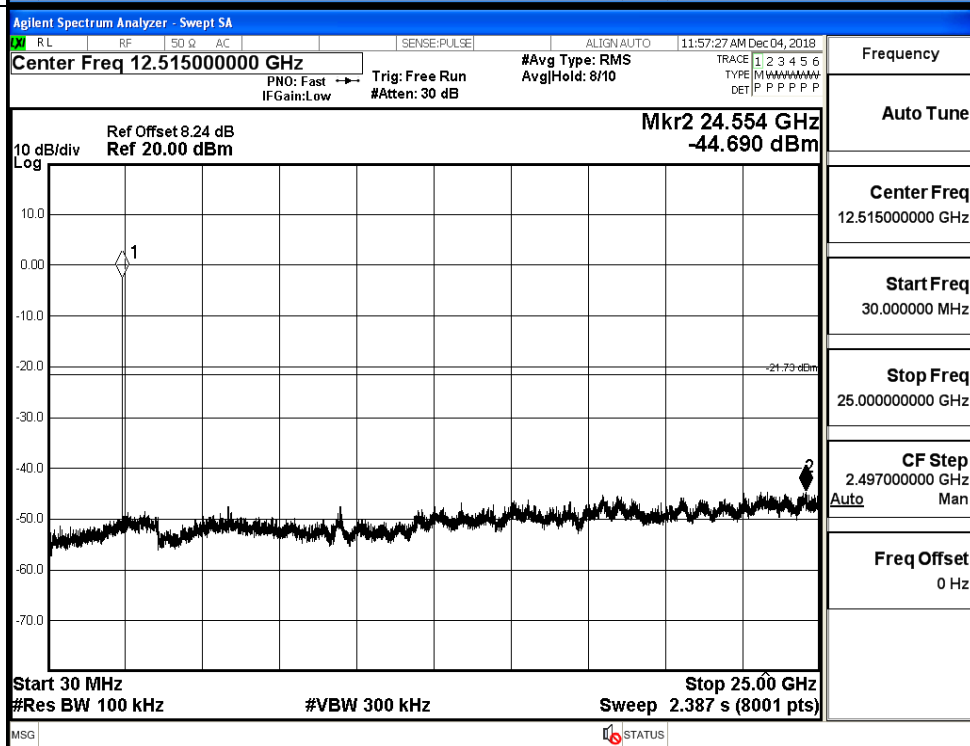


BT5.0 MCH Graphs

Pref/BT5.0/MCH

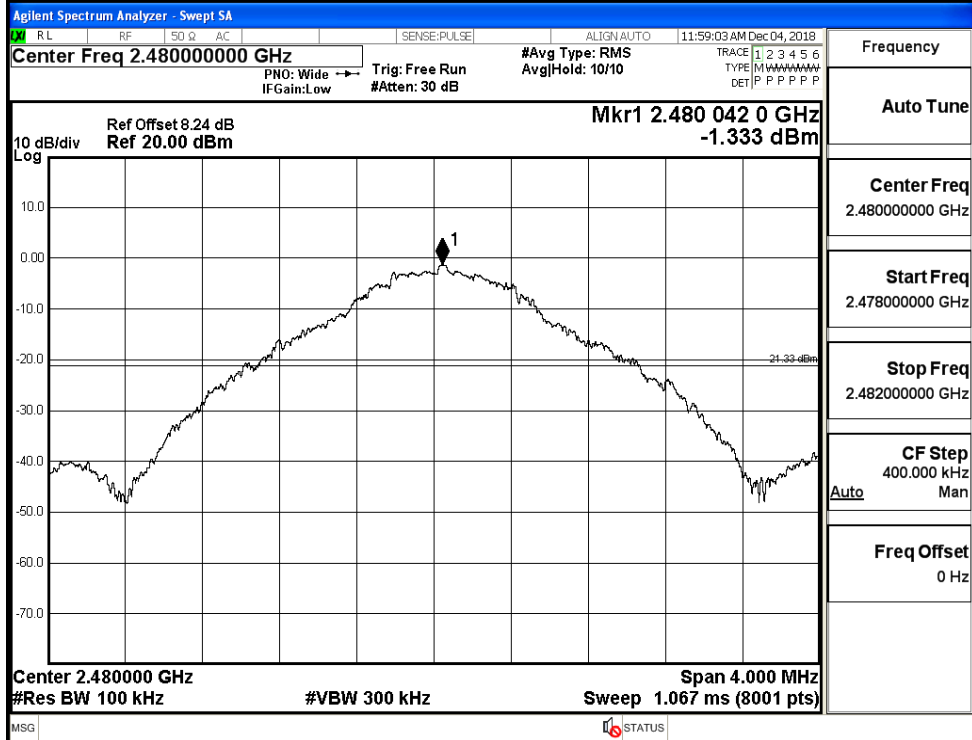


Puw/BT5.0/MCH

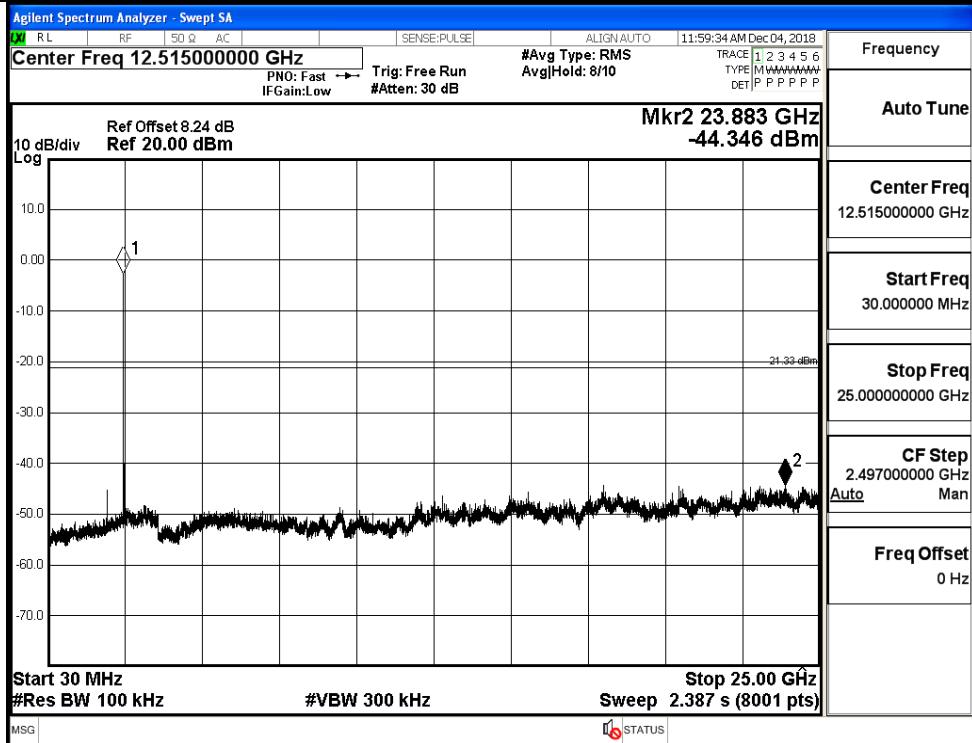


BT5.0 HCH Graphs

Pref/BT5.0/HCH



Puw/BT5.0/HCH

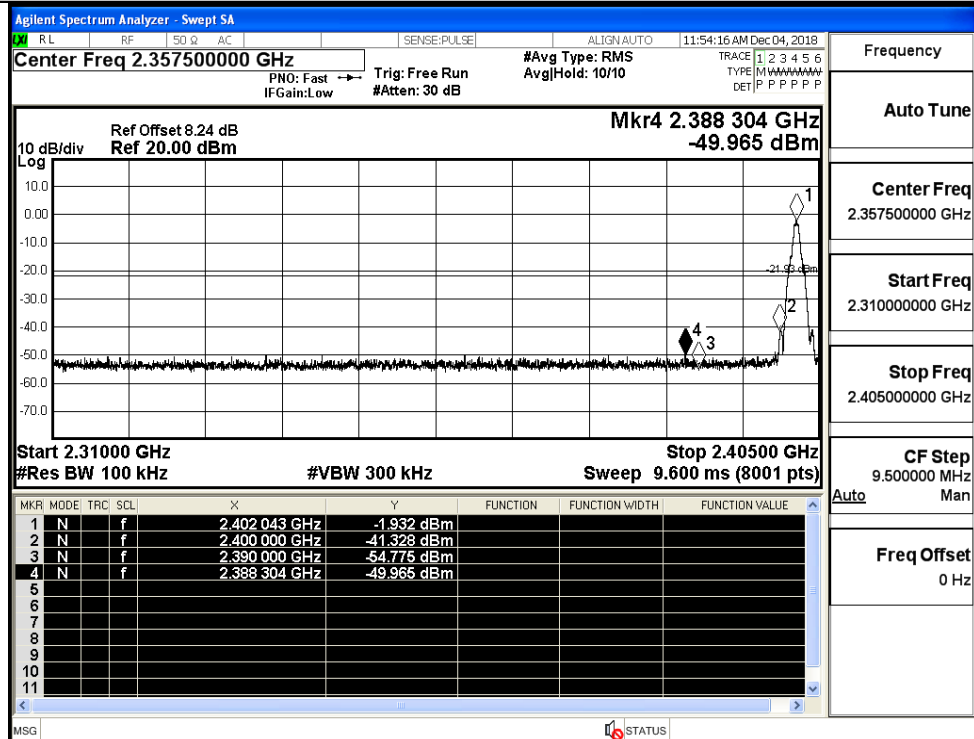


A.6 Band-edge for RF Conducted Emissions

Mode	Data Rate	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	2M	LCH	-1.932	-49.965	-21.93	PASS
BT LE	2M	HCH	-1.225	-49.861	-21.23	PASS

Test Graphs

LCH



Frequency

Auto Tune

Center Freq

2.357500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.405000000 GHz

CF Step

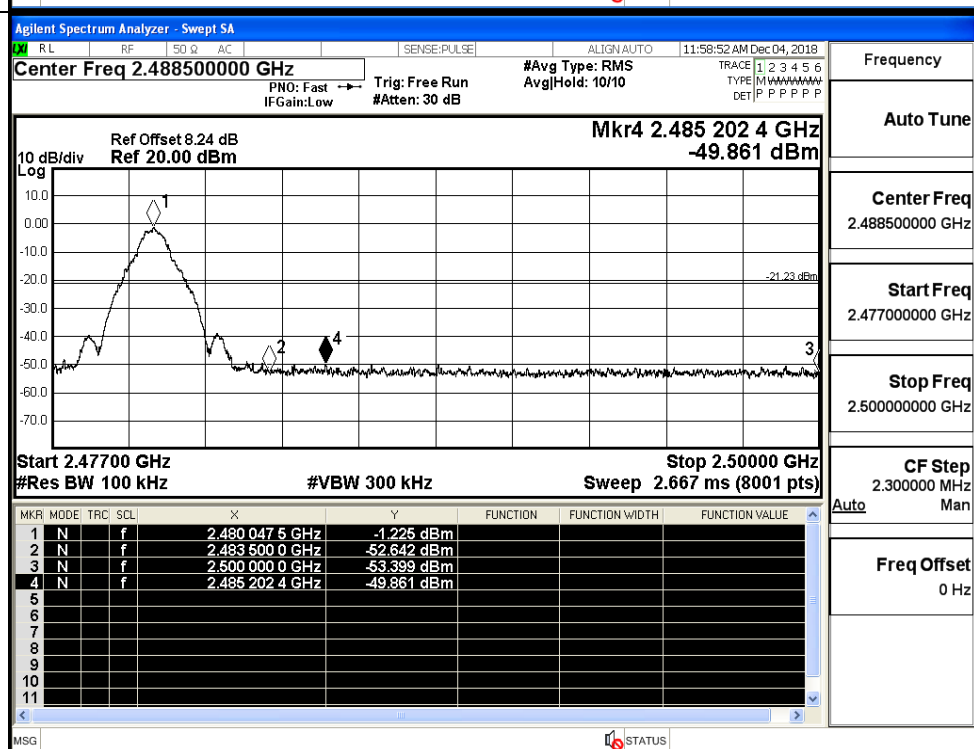
9.500000 MHz

Auto Man

Freq Offset

0 Hz

HCH



Frequency

Auto Tune

Center Freq

2.488500000 GHz

Start Freq

2.477000000 GHz

Stop Freq

2.500000000 GHz

CF Step

2.300000 MHz

Auto Man

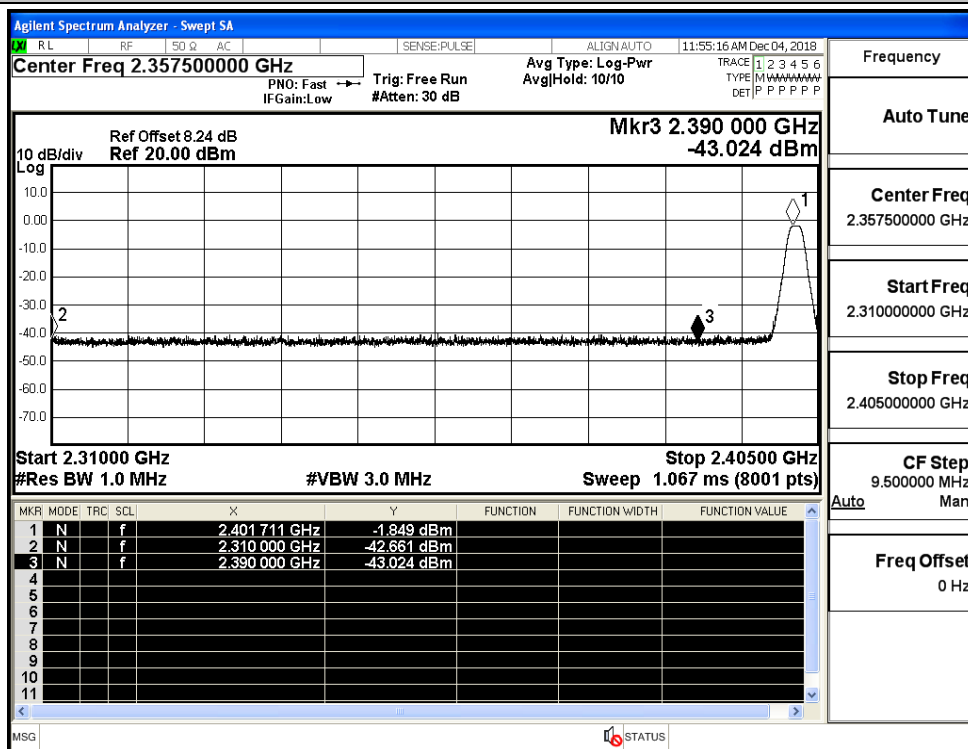
Freq Offset

0 Hz

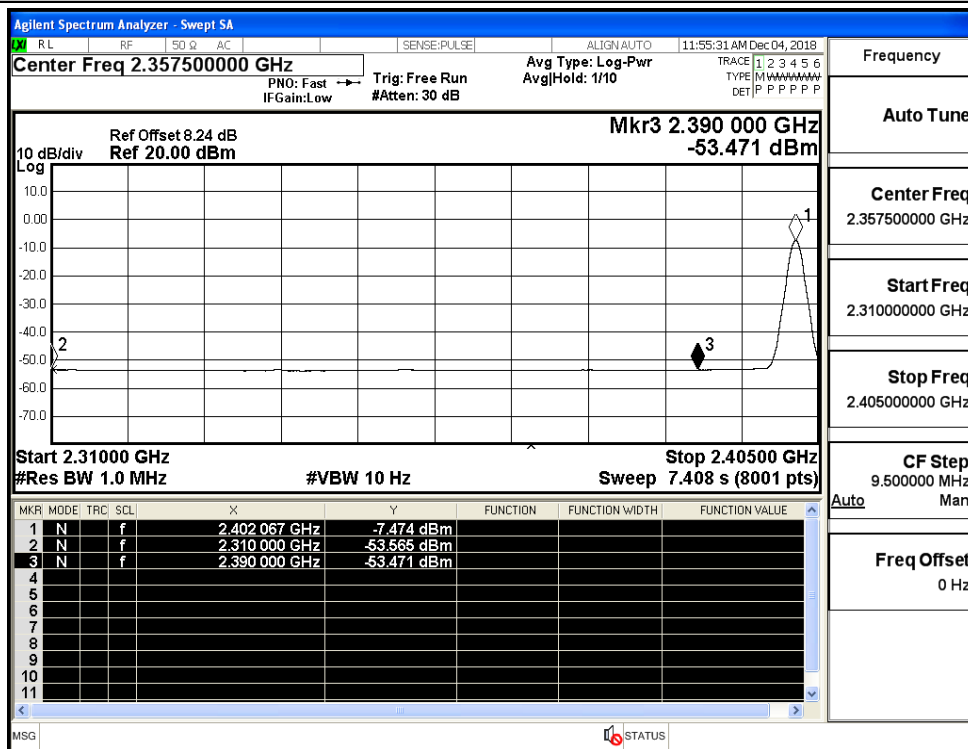
A.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Data Rate	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
BT LE	2402	2M	Ant1	2310.0	-42.66	2.0	0	54.60	PEAK	74	PASS
			Ant1	2310.0	-53.57	2.0	0	43.69	AV	54	PASS
			Ant1	2390.0	-43.02	2.0	0	54.23	PEAK	74	PASS
			Ant1	2390.0	-53.47	2.0	0	43.79	AV	54	PASS
	2480	2M	Ant1	2483.5	-38.48	2.0	0	58.78	PEAK	74	PASS
			Ant1	2483.5	-51.82	2.0	0	45.44	AV	54	PASS
			Ant1	2500.0	-42.69	2.0	0	54.57	PEAK	74	PASS
			Ant1	2500.0	-52.81	2.0	0	44.44	AV	54	PASS

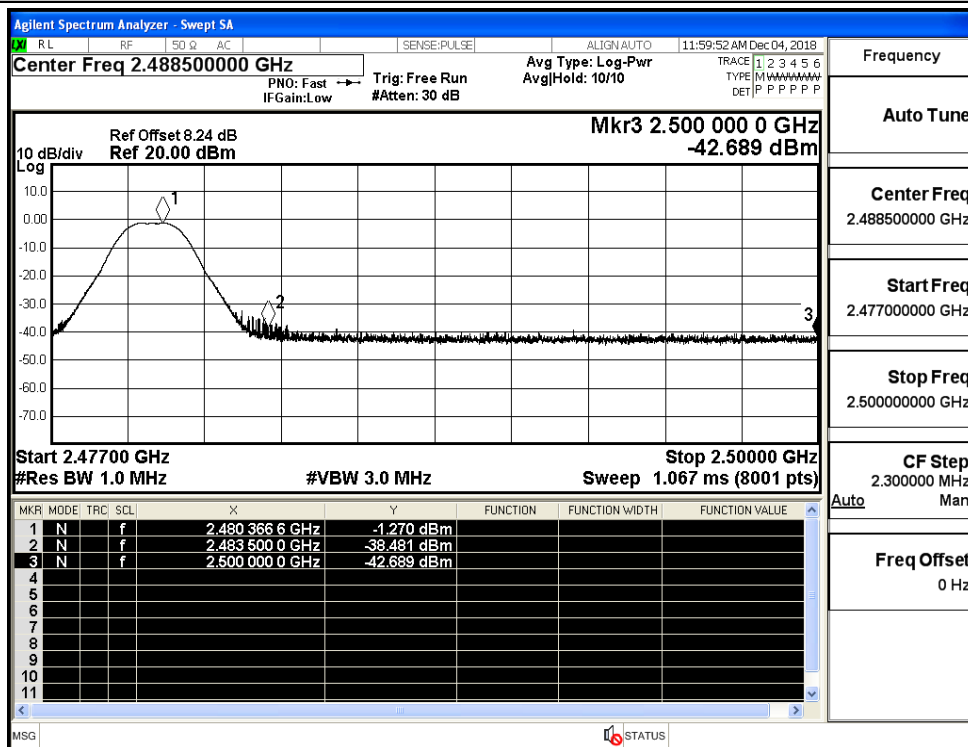
Restrict-band band-edge measurements_BT5.0_2402_Ant1_PEAK



Restrict-band band-edge measurements_BT5.0_2402_Ant1_AV



Restrict-band band-edge measurements_BT5.0_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT5.0_2480_Ant1_AV

