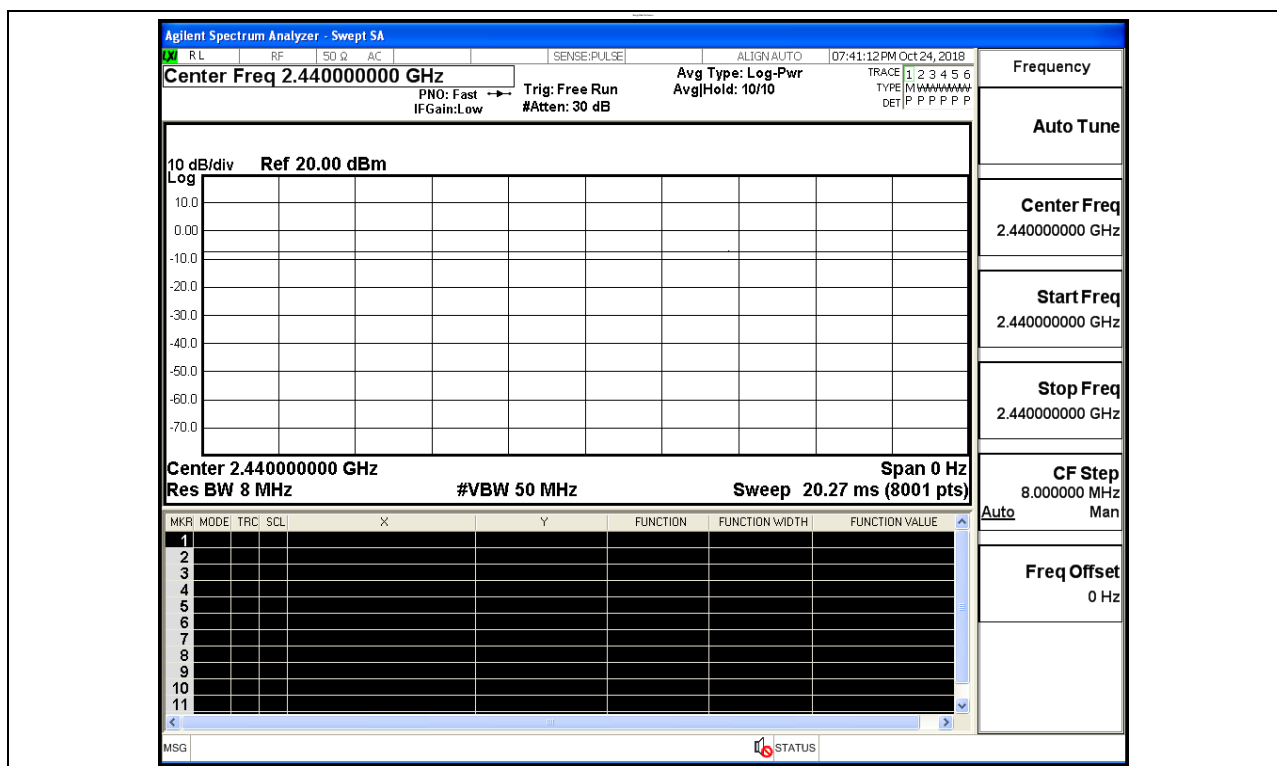


Test Model: ZJ-MBM-RGBW

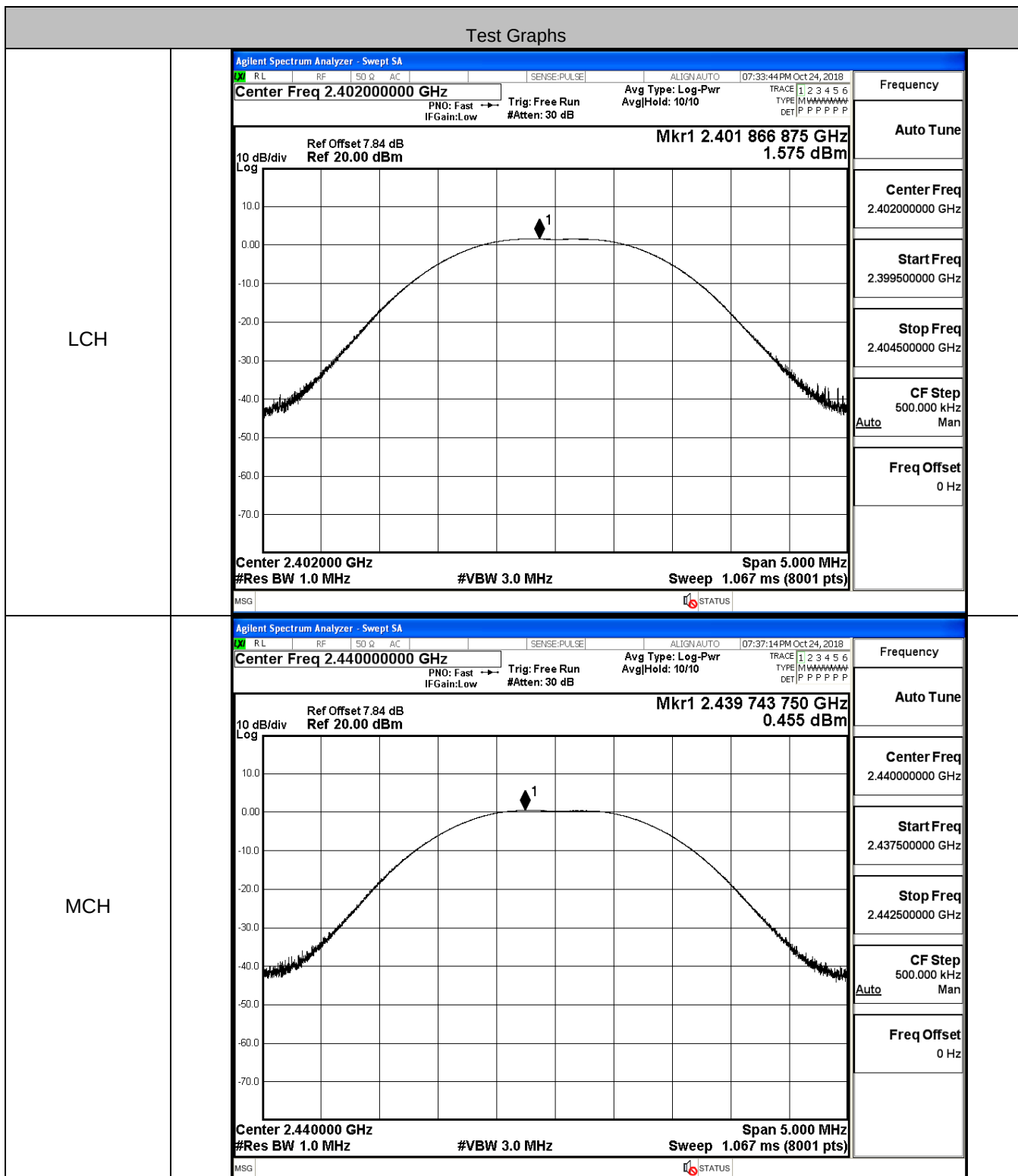
Temperature:	24.3 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden.Zhuo

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

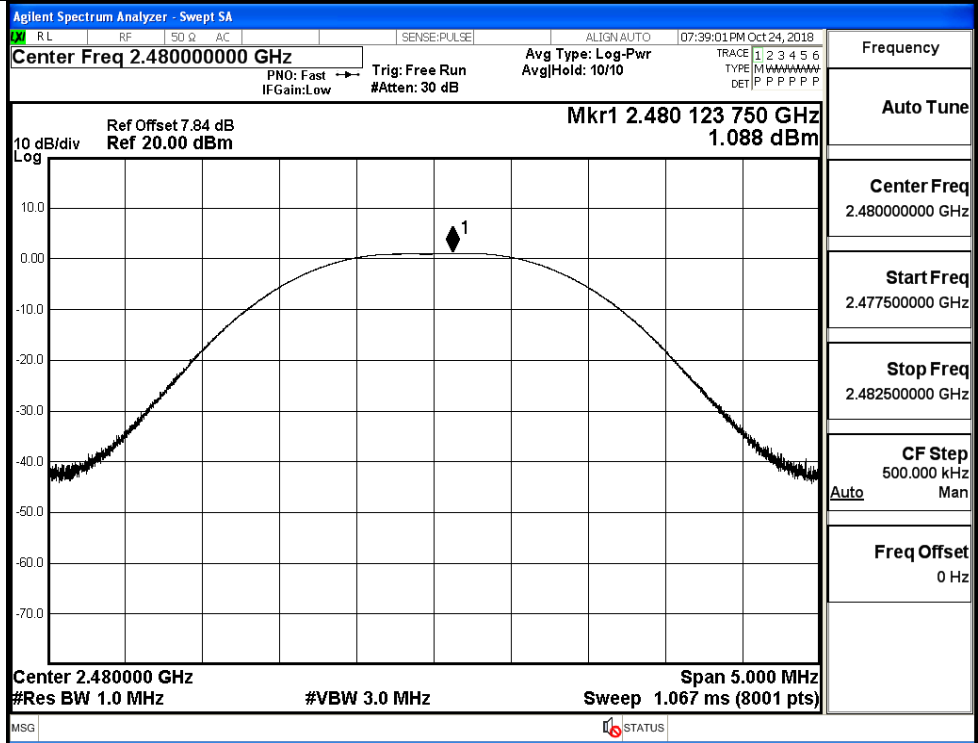


A.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	1.575	30	PASS
BT LE	MCH	0.455	30	PASS
BT LE	HCH	1.088	30	PASS



HCH

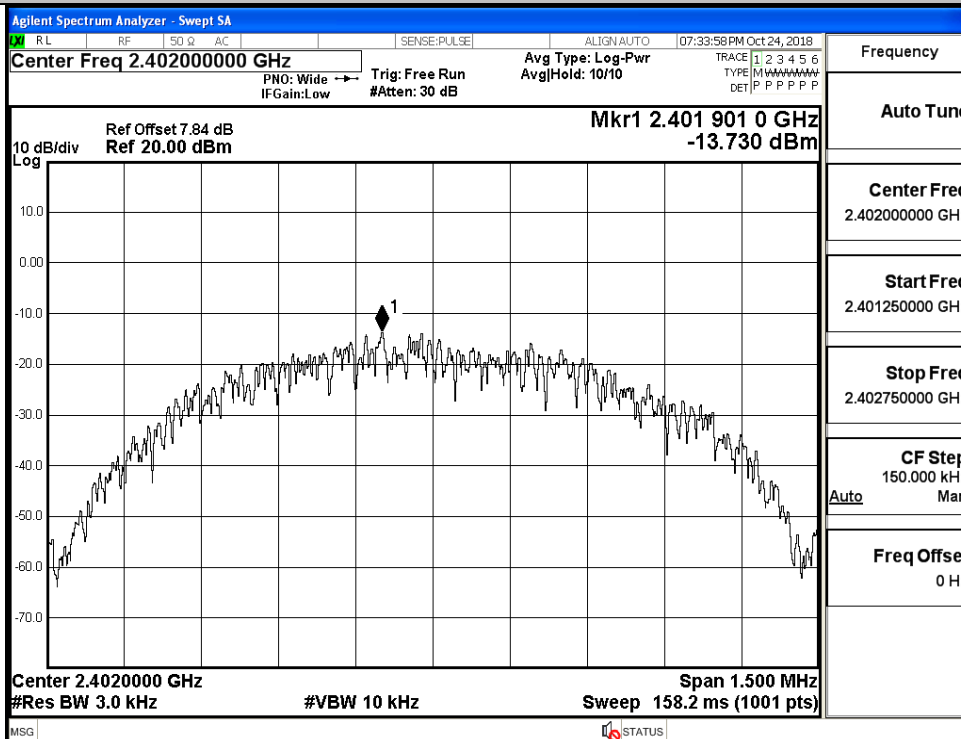


A.3 Maximum Power Spectral Density

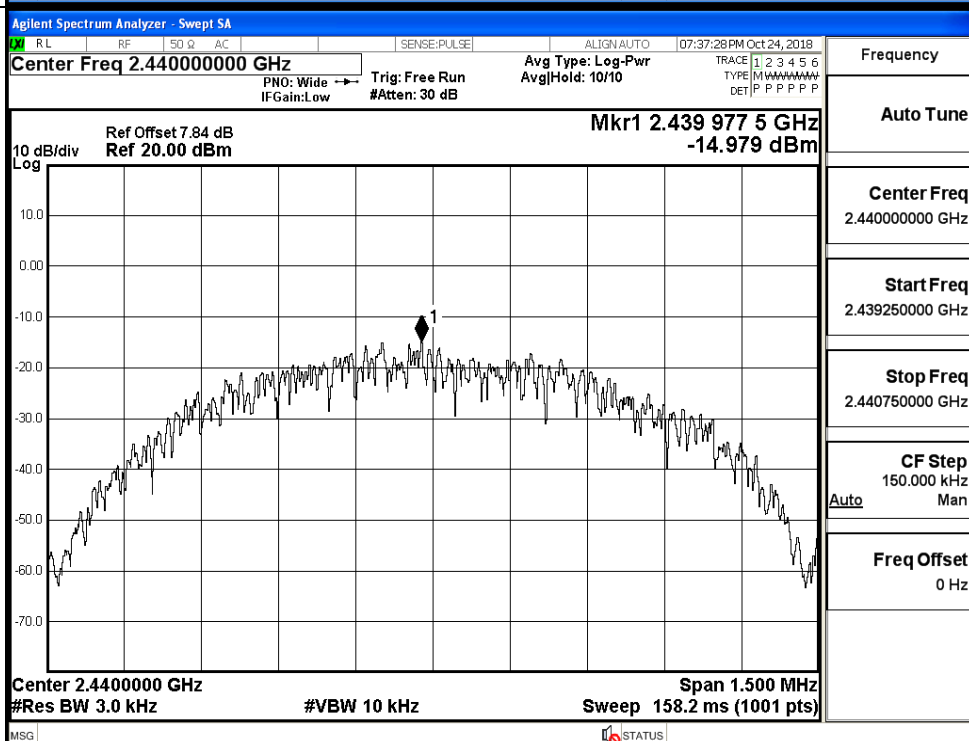
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-13.730	8	PASS
BT LE	MCH	-14.979	8	PASS
BT LE	HCH	-14.359	8	PASS

Test Graphs

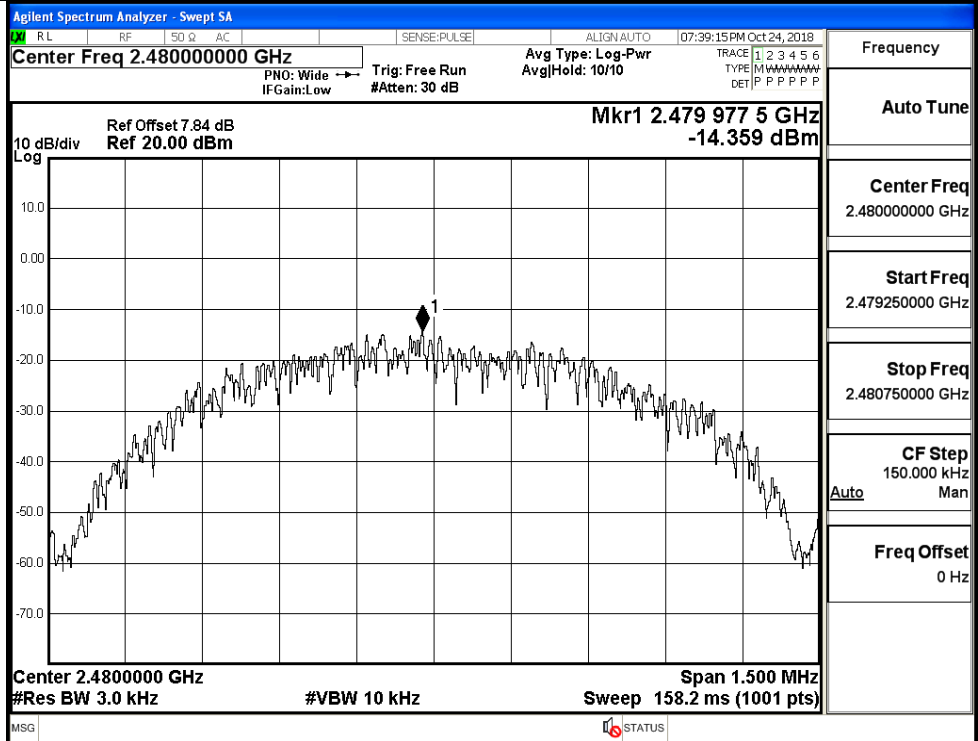
LCH



MCH



HCH

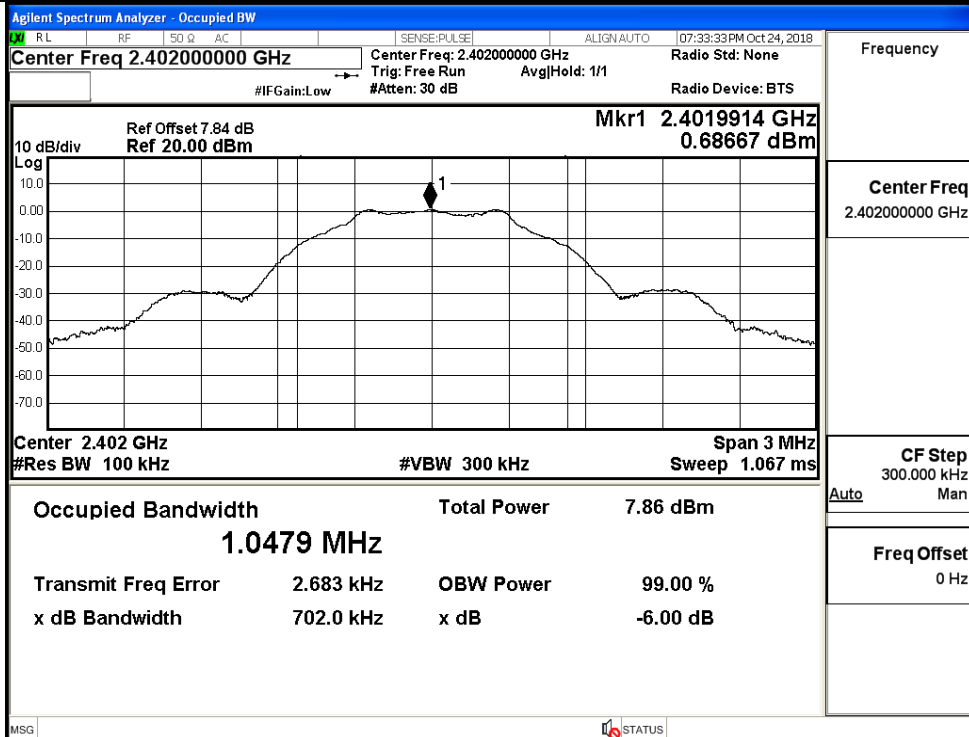


A.4 6dB Bandwidth

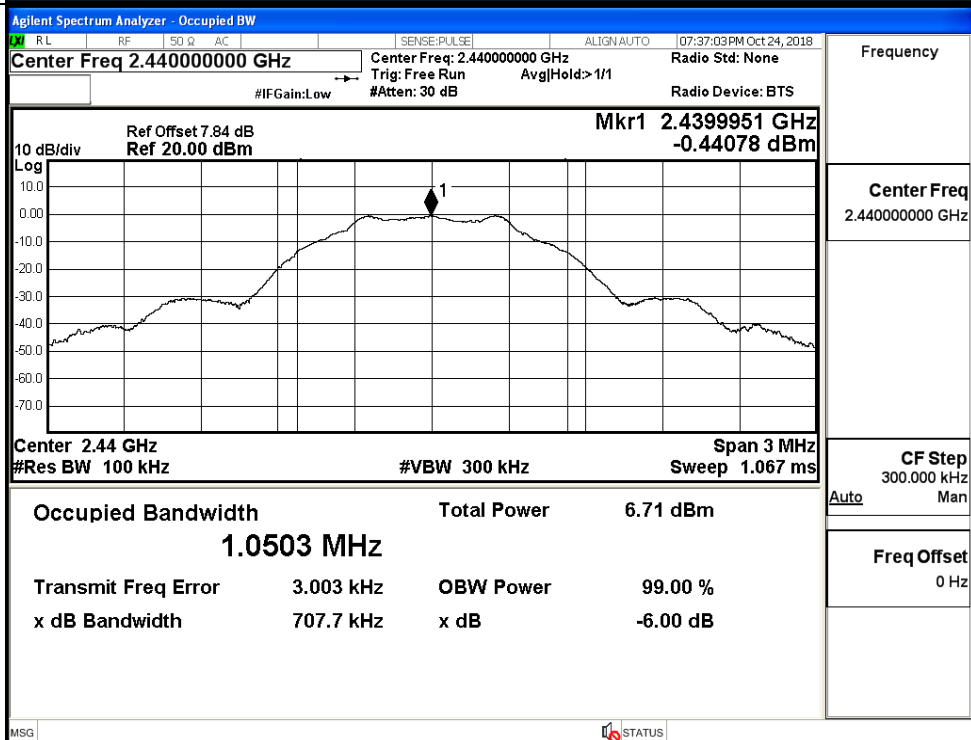
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7020	≥ 0.5	PASS
BT LE	MCH	0.7077	≥ 0.5	PASS
BT LE	HCH	0.7095	≥ 0.5	PASS

Test Graphs

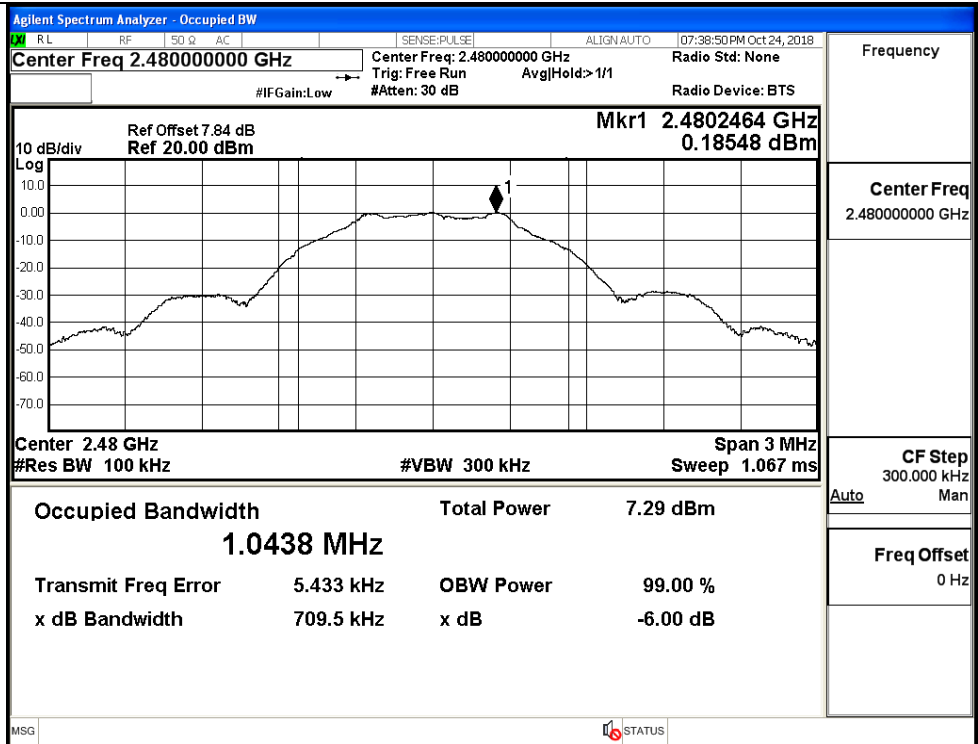
LCH



MCH



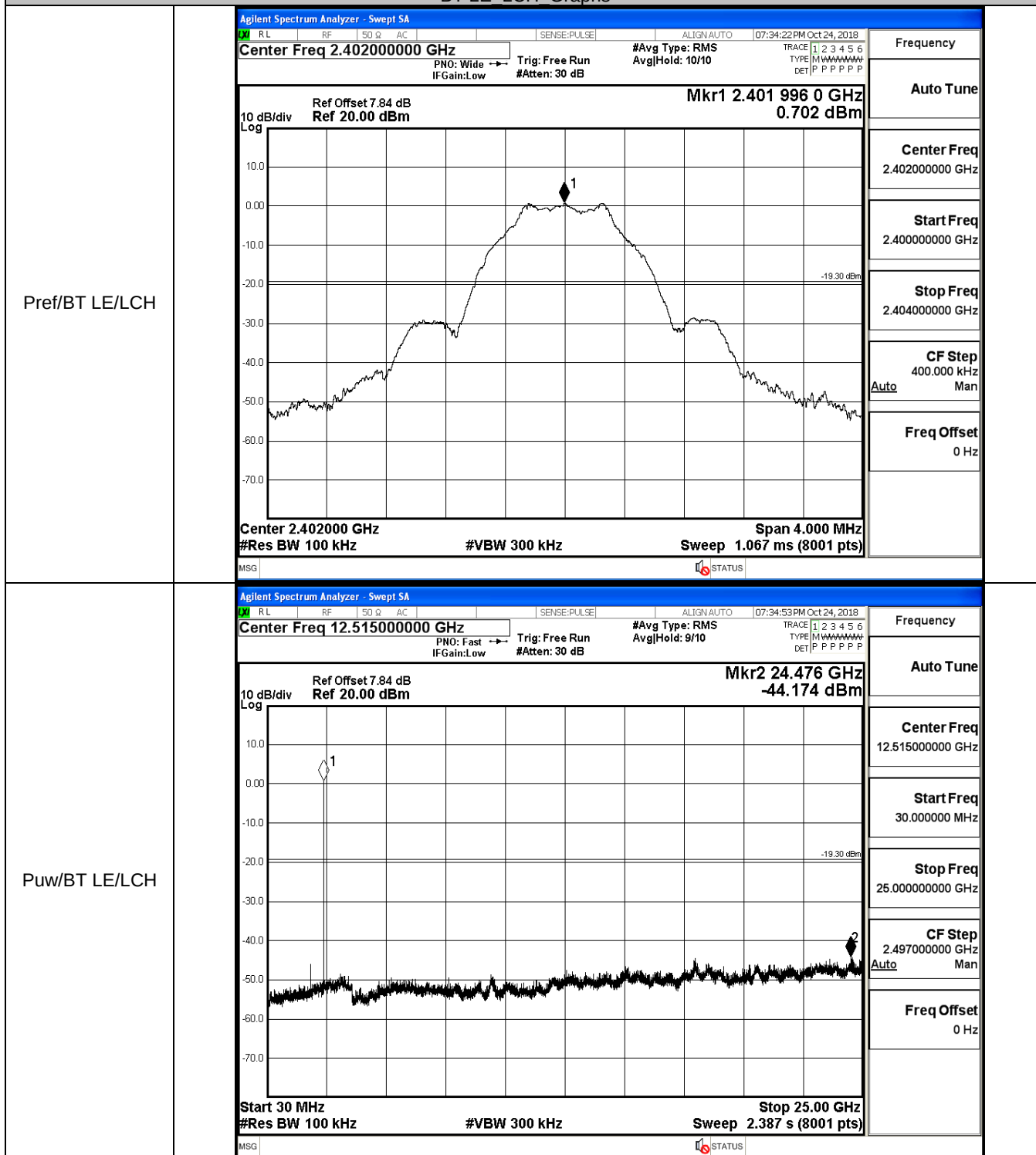
HCH



A.5 RF Conducted Spurious Emissions

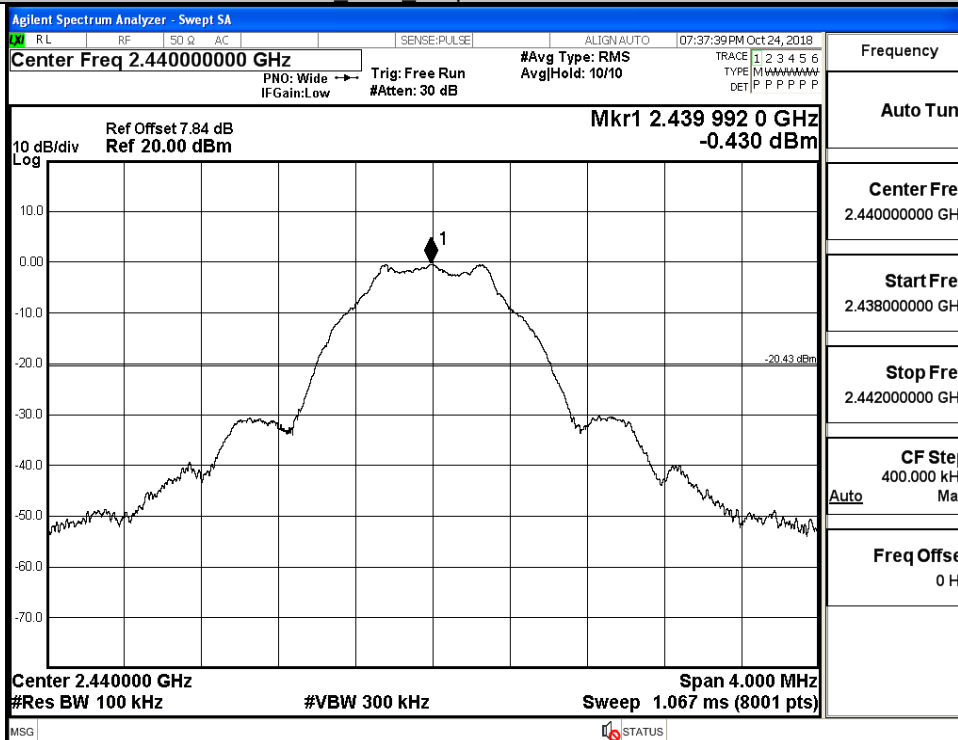
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.702	-44.174	-19.298	PASS
BT LE	MCH	-0.43	-44.652	-20.430	PASS
BT LE	HCH	0.177	-44.521	-19.823	PASS

BT LE LCH Graphs

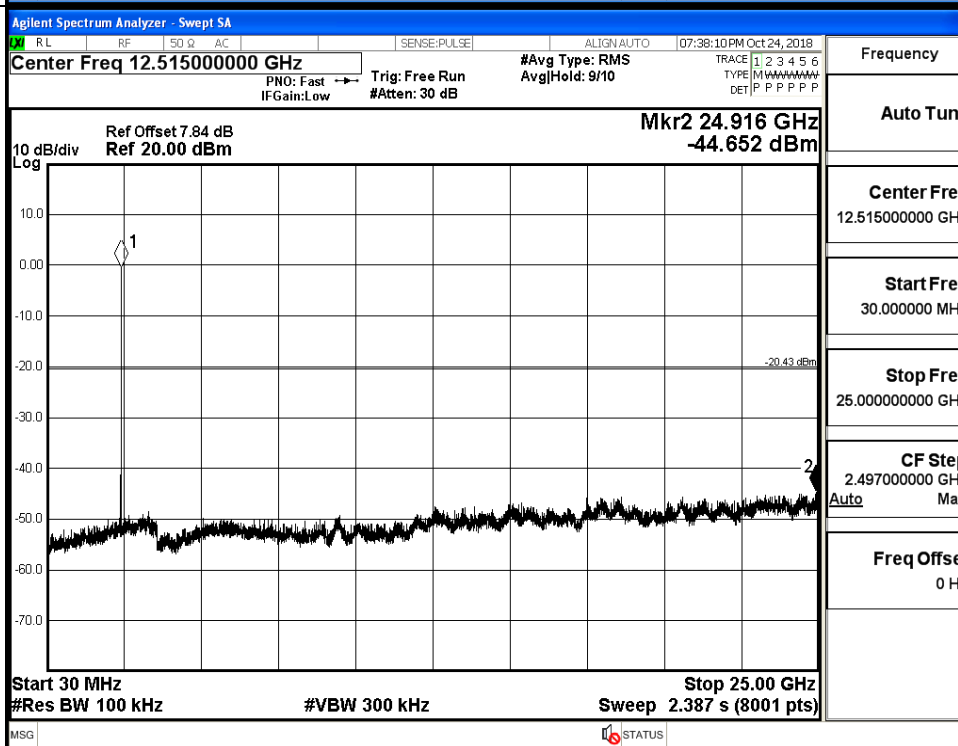


BT LE MCH Graphs

Pref/BT LE/MCH

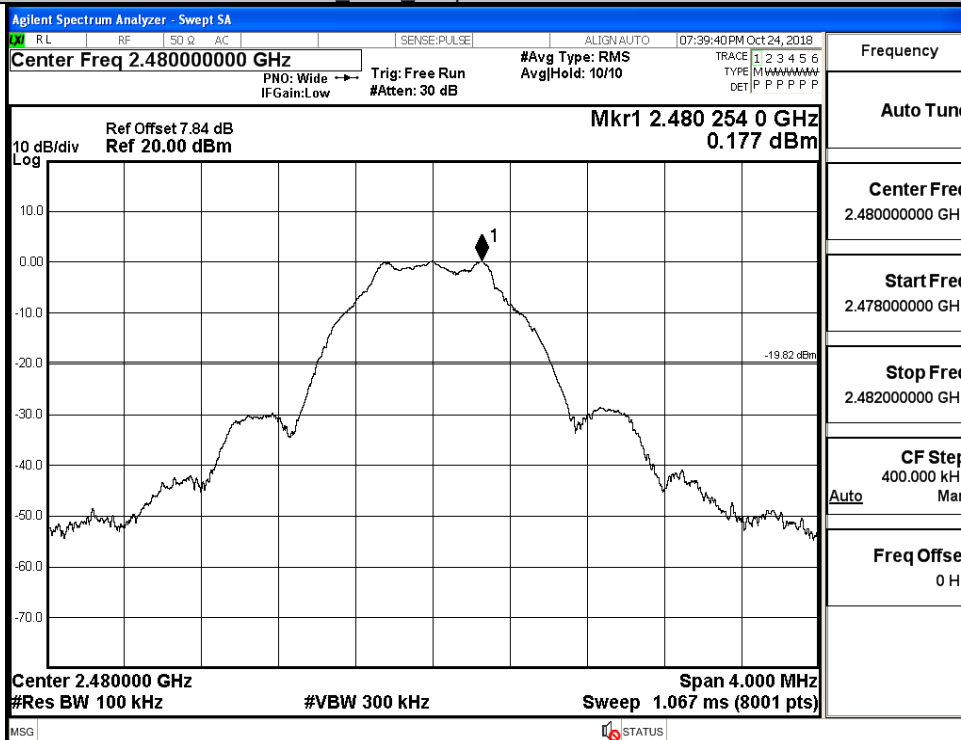


Puw/BT LE/MCH

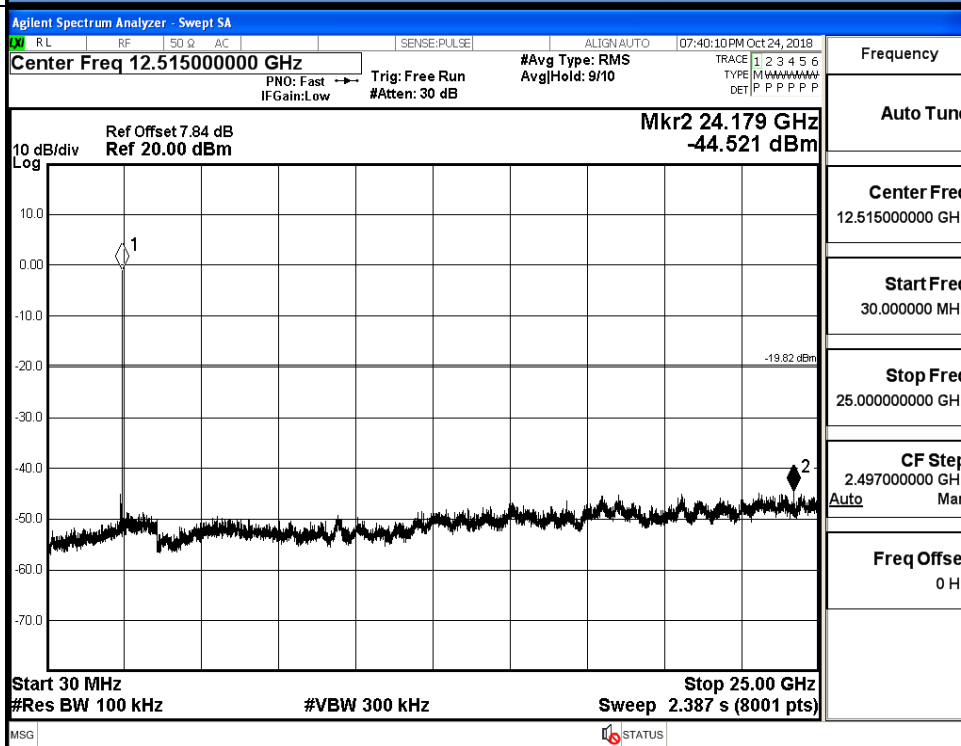


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

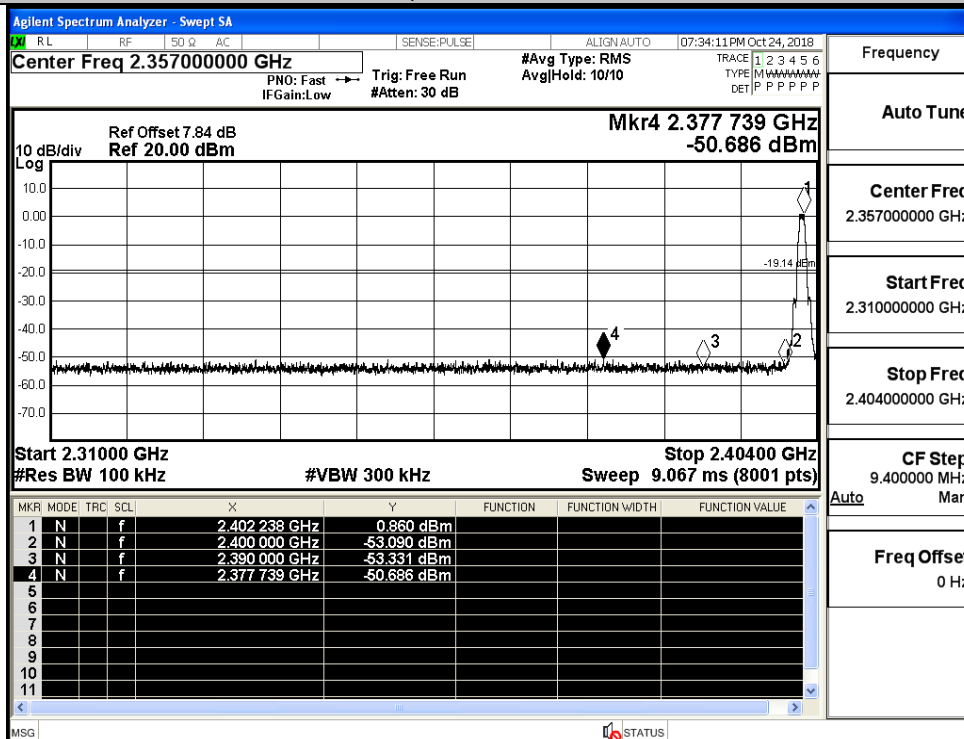


A.6 Band-edge for RF Conducted Emissions

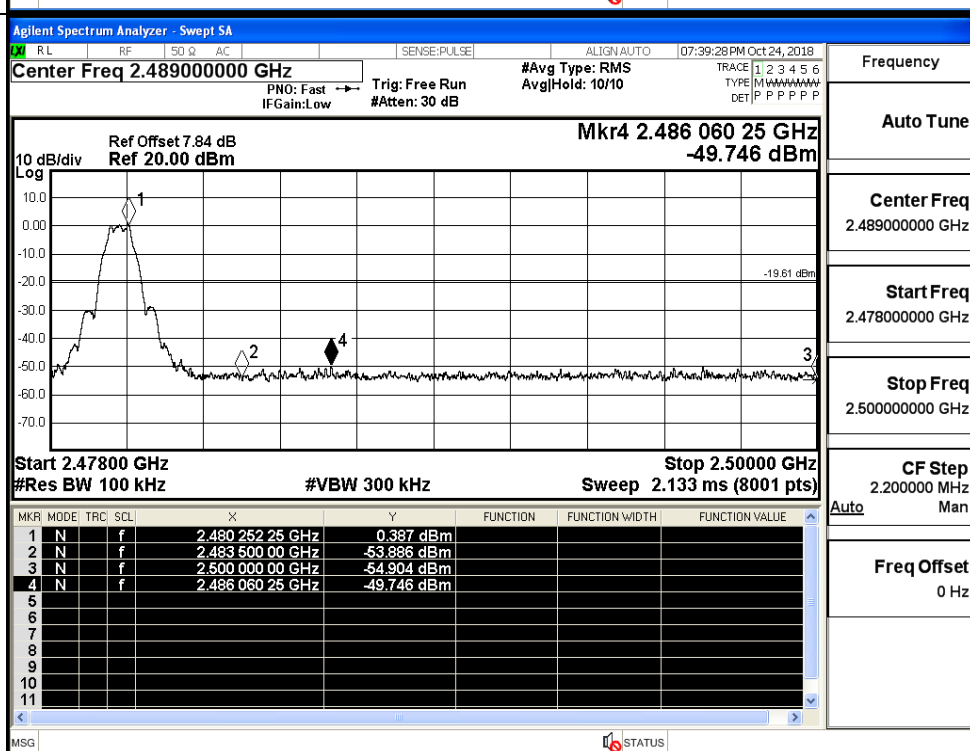
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.860	-50.686	-19.14	PASS
BT LE	HCH	0.387	-49.746	-19.61	PASS

Test Graphs

LCH



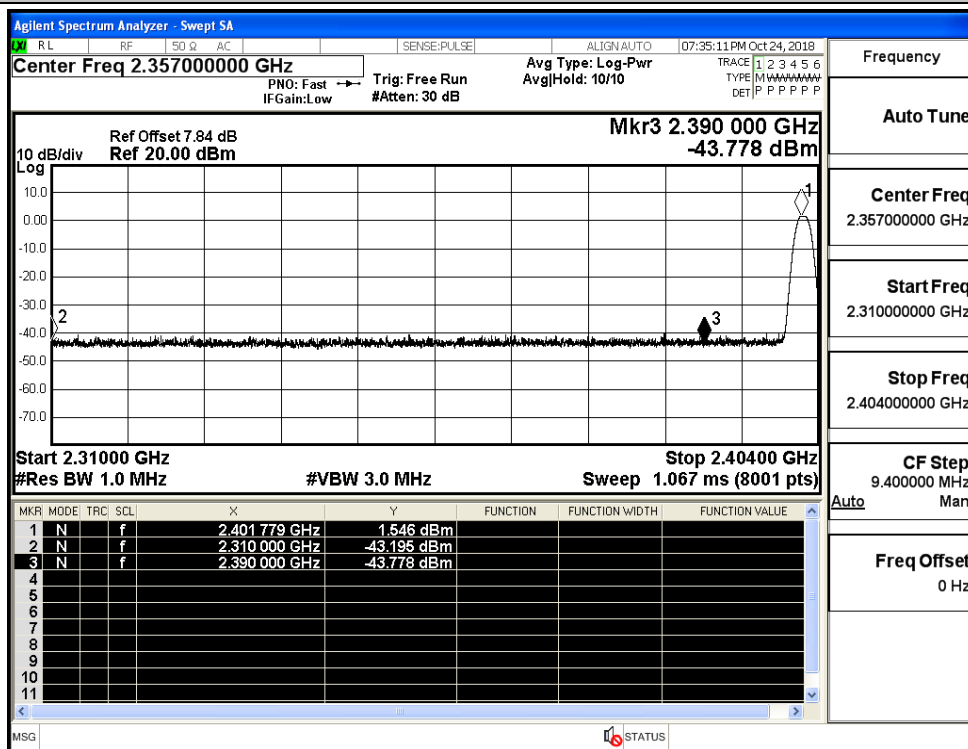
HCH



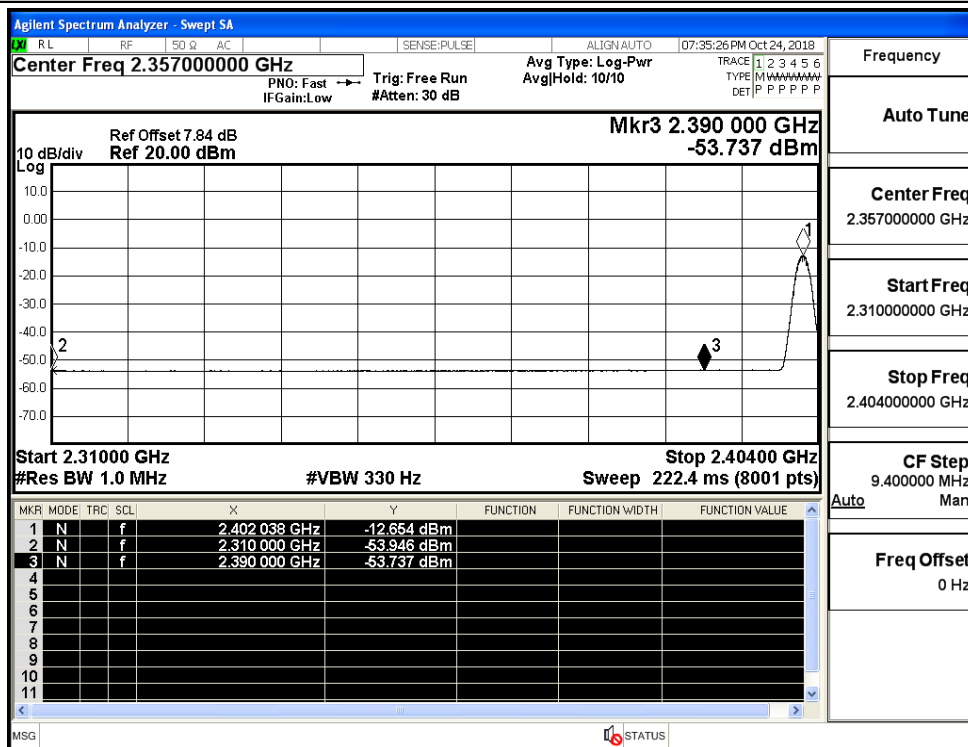
A.7 Restrict-band band-edge measurements

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	-43.20	2.0	0	54.06	PEAK	74	PASS
		Ant1	2310.0	-53.95	2.0	0	43.31	AV	54	PASS
		Ant1	2390.0	-43.78	2.0	0	53.48	PEAK	74	PASS
		Ant1	2390.0	-53.74	2.0	0	43.52	AV	54	PASS
	2480	Ant1	2483.5	-43.21	2.0	0	54.05	PEAK	74	PASS
		Ant1	2483.5	-53.35	2.0	0	43.91	AV	54	PASS
		Ant1	2500.0	-43.60	2.0	0	53.66	PEAK	74	PASS
		Ant1	2500.0	-53.26	2.0	0	44.00	AV	54	PASS

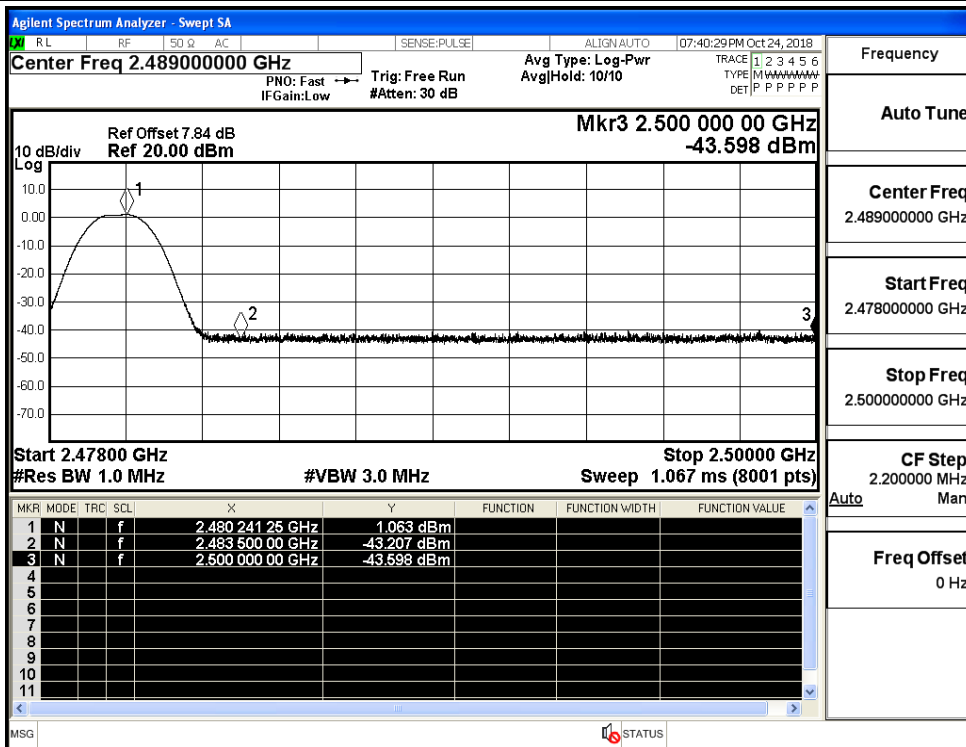
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

