

Appendix B

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

Product Name: Vivi Wireless Presentation

Trade Mark: Vivi

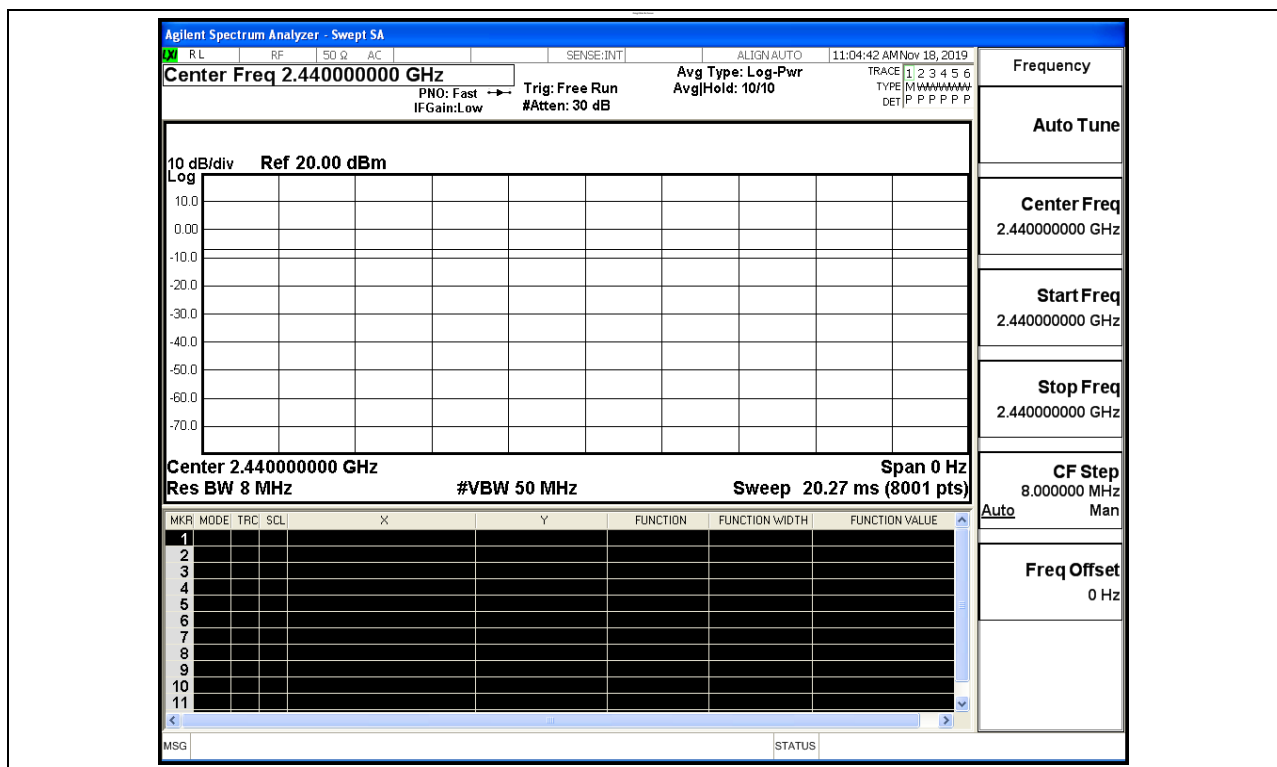
Test Model: VWP-200-16

Environmental Conditions

Temperature:	22.5°C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Wang Chuang

B.1 Duty Cycle

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

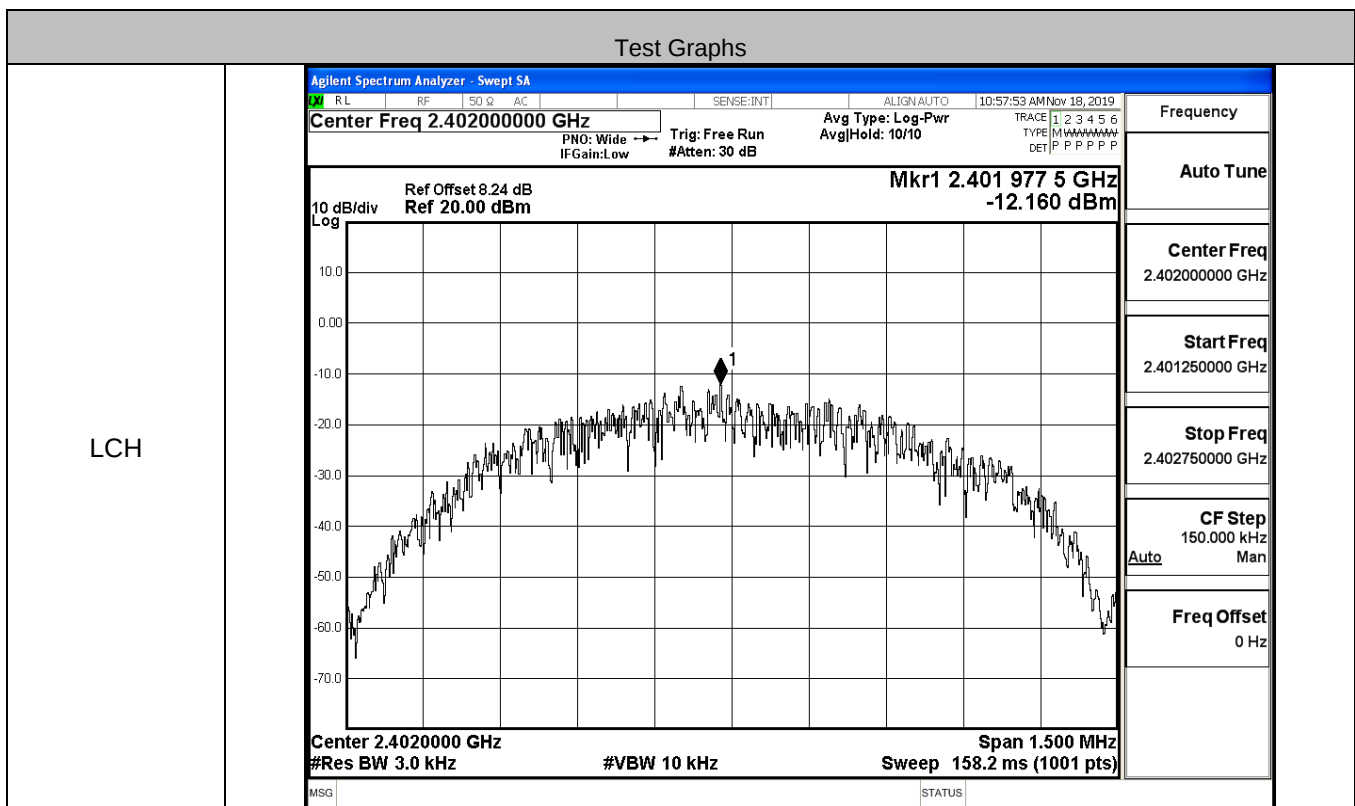


B.2 Maximum Conducted Peak Output Power

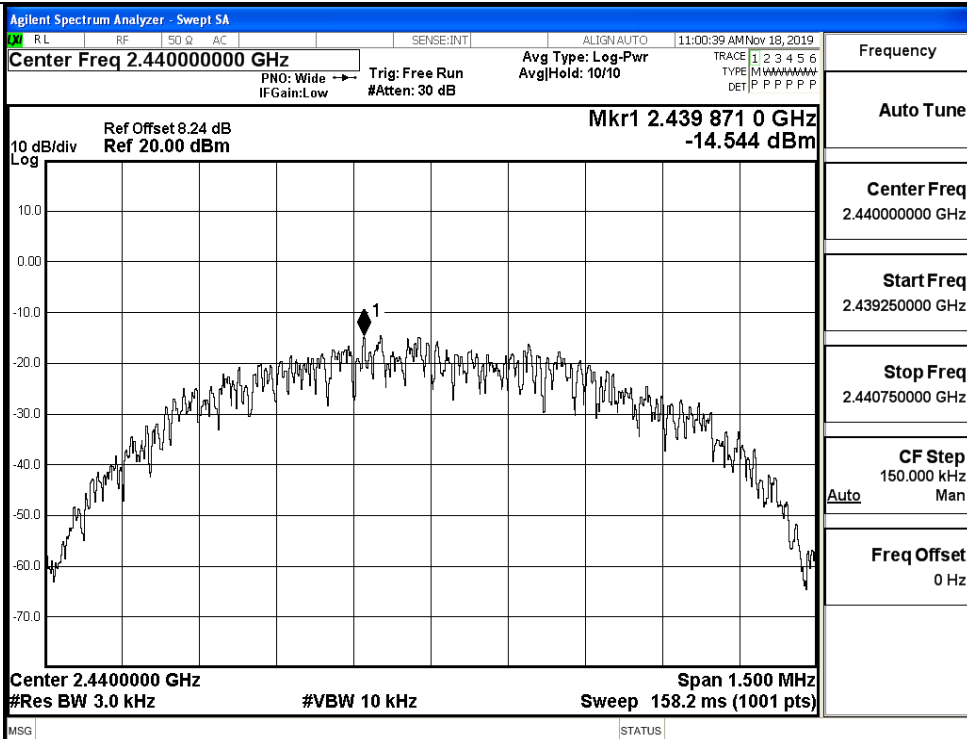
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.879	30	PASS
BT LE	MCH	0.975	30	PASS
BT LE	HCH	2.19	30	PASS

B.3 Maximum Power Spectral Density

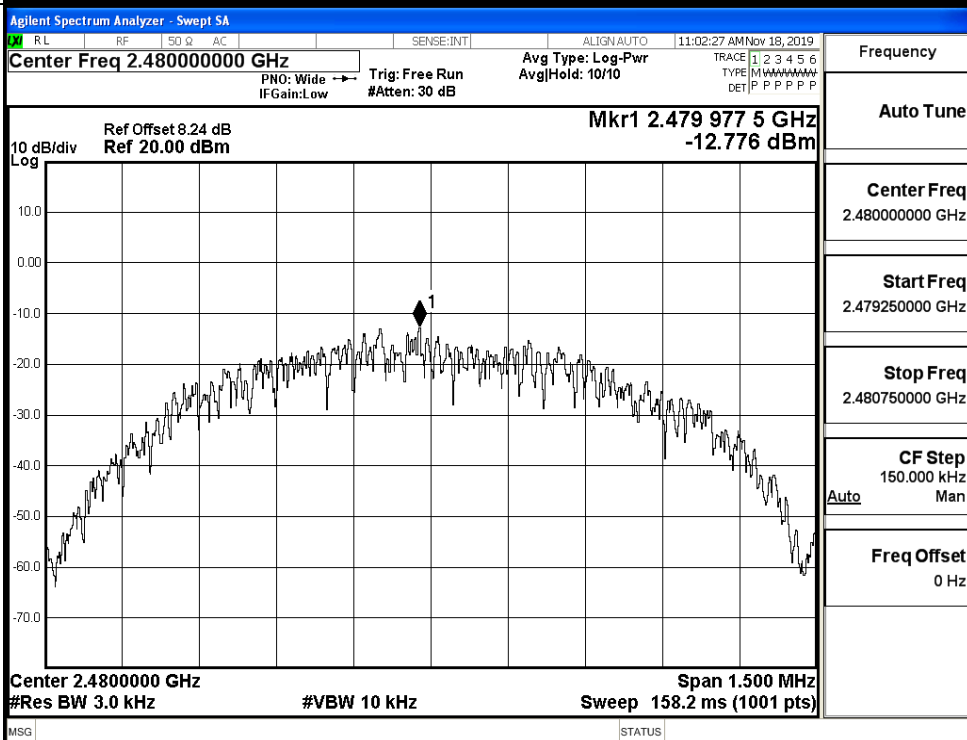
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-12.160	8	PASS
BT LE	MCH	-14.544	8	PASS
BT LE	HCH	-12.776	8	PASS



MCH



HCH

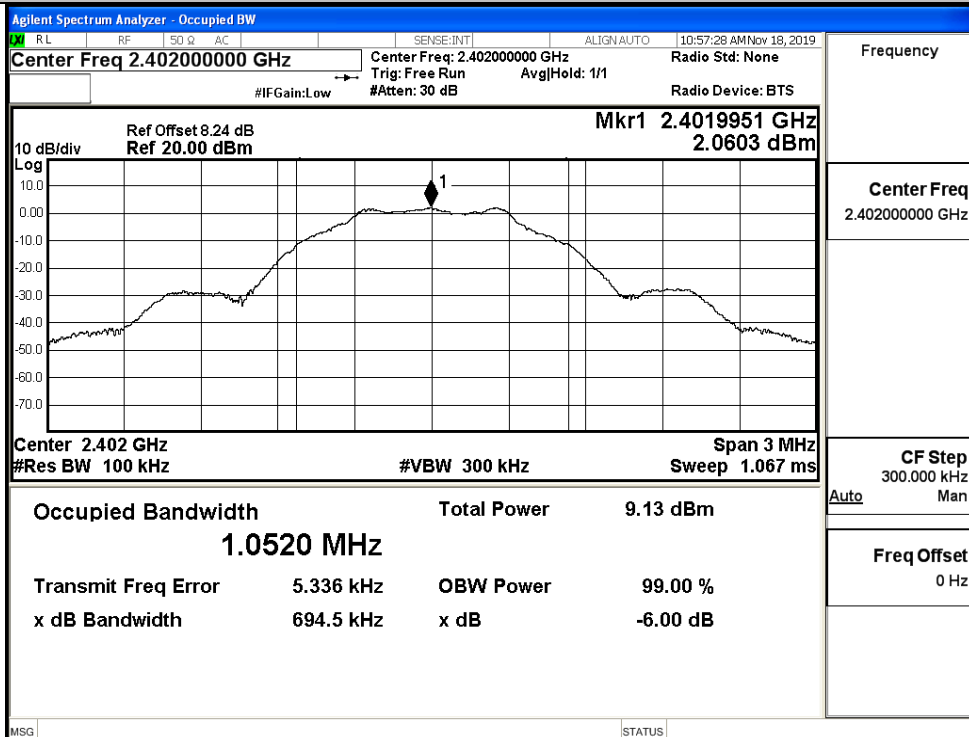


B.4 6dB Bandwidth And 99% Bandwidth

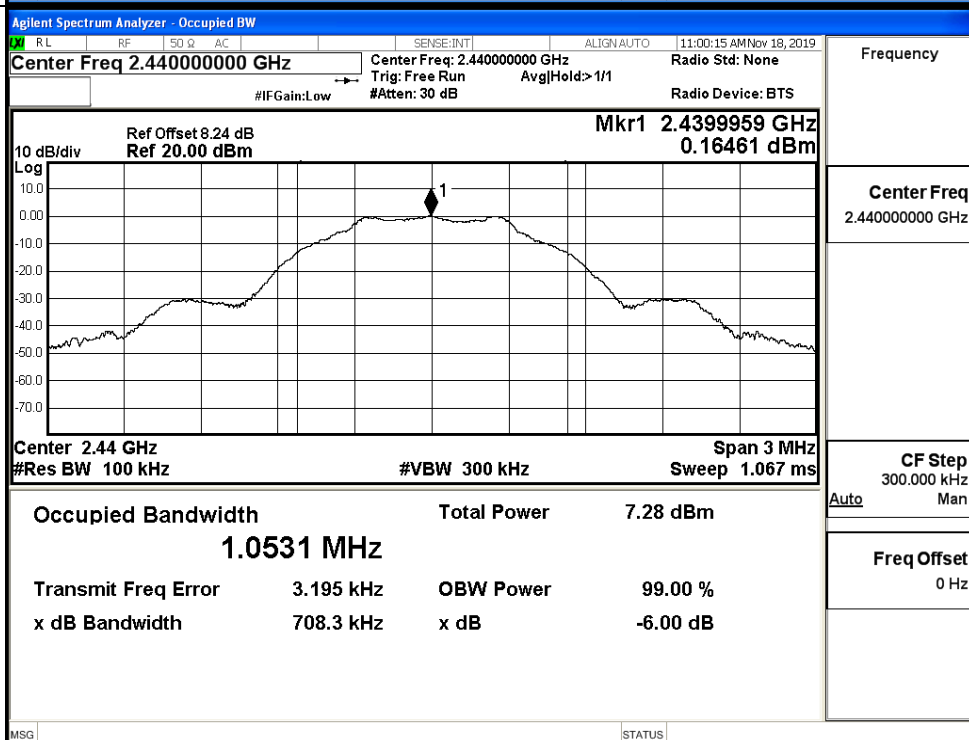
Mode	Channel	6dB Bandwidth [MHz]	99% Bandwidth[MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6945	1.052	≥ 0.5	PASS
BT LE	MCH	0.7083	1.053	≥ 0.5	PASS
BT LE	HCH	0.7057	1.047	≥ 0.5	PASS

Test Graphs

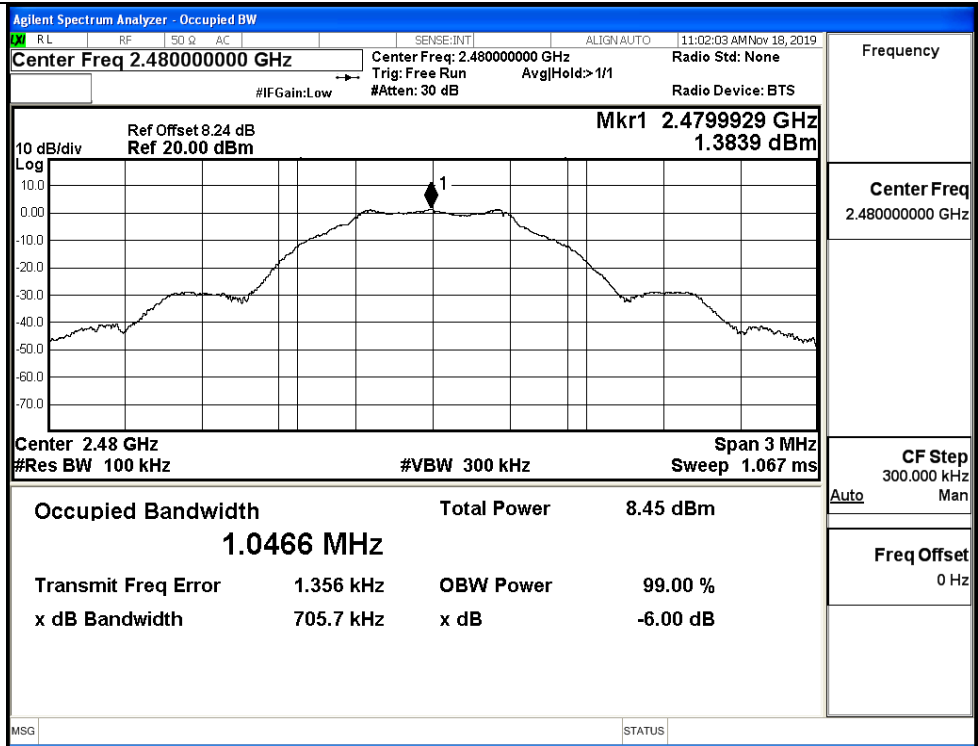
LCH



MCH

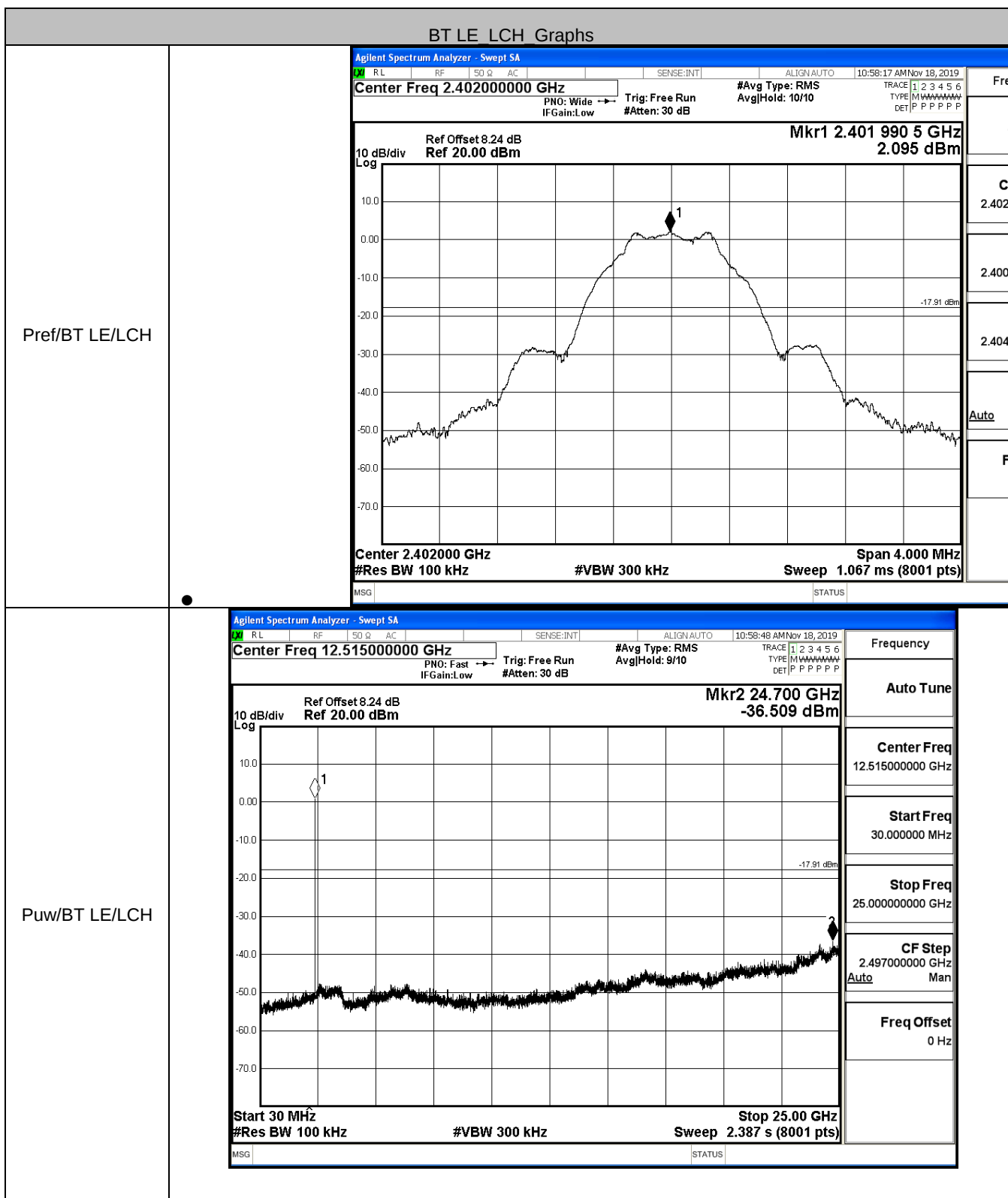


HCH



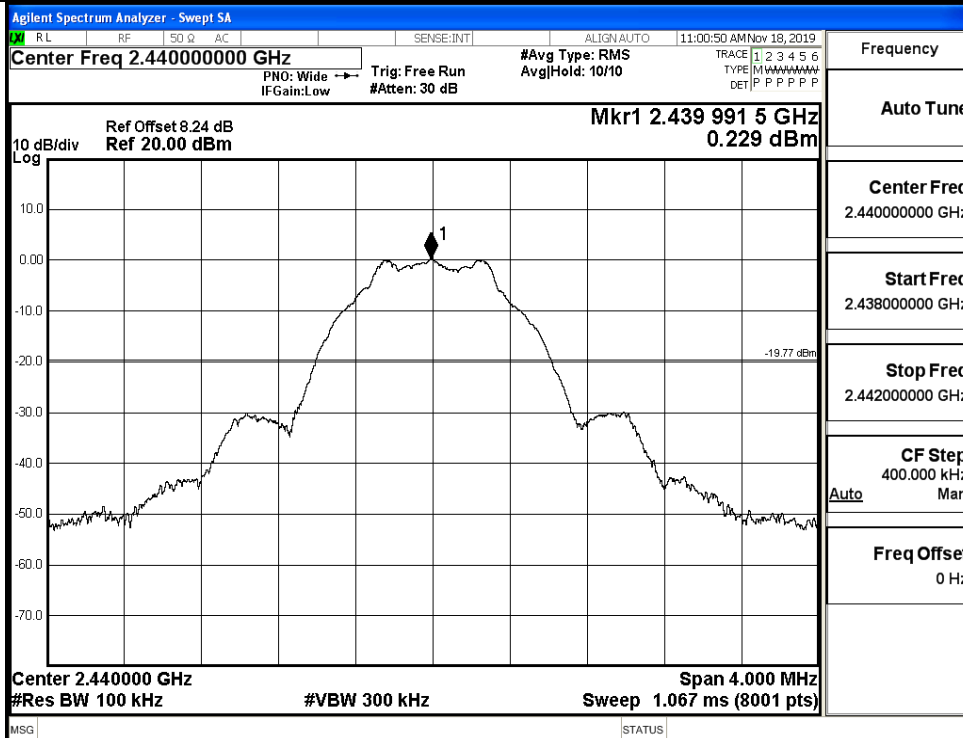
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.095	-36.509	-17.905	PASS
BT LE	MCH	0.229	-36.243	-19.771	PASS
BT LE	HCH	1.326	-36.500	-18.674	PASS

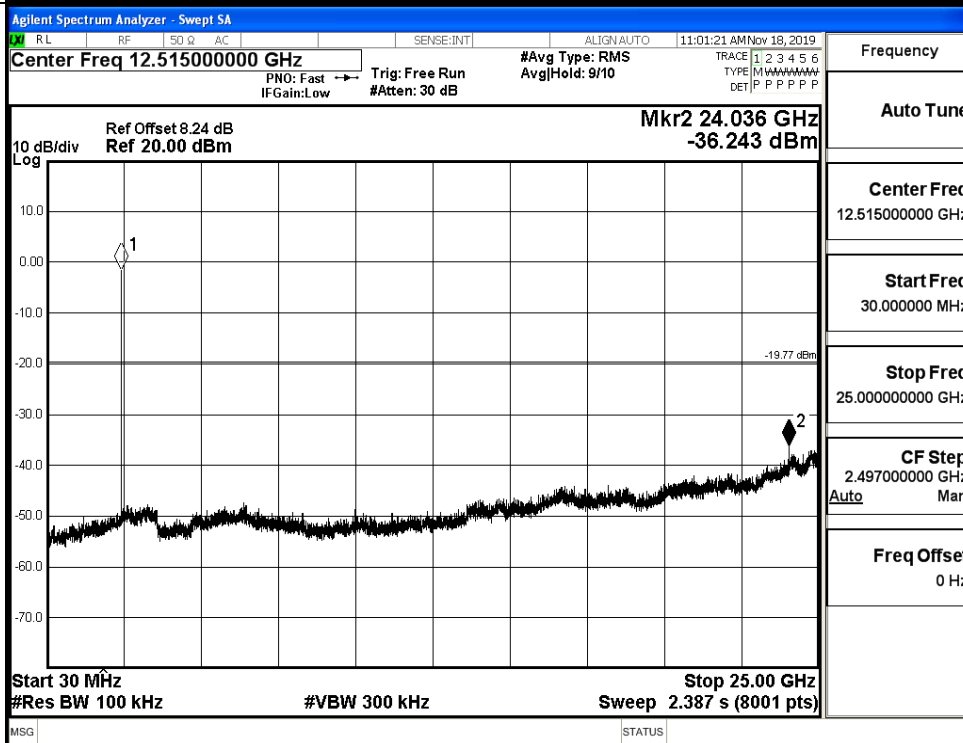


BT LE MCH Graphs

Pref/BT LE/MCH

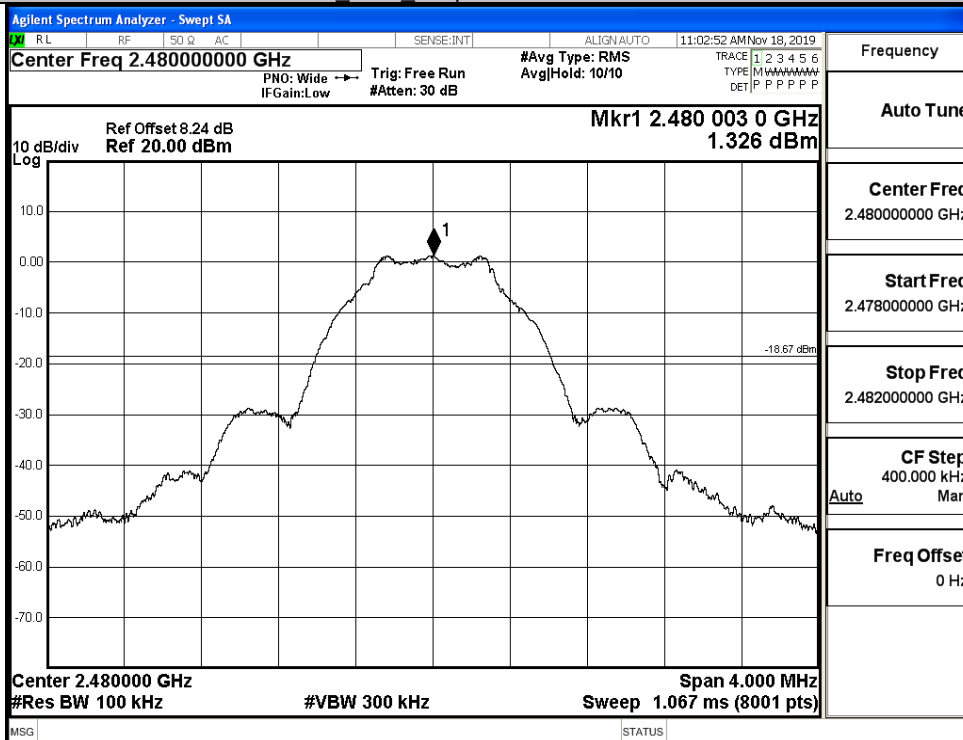


Puw/BT LE/MCH

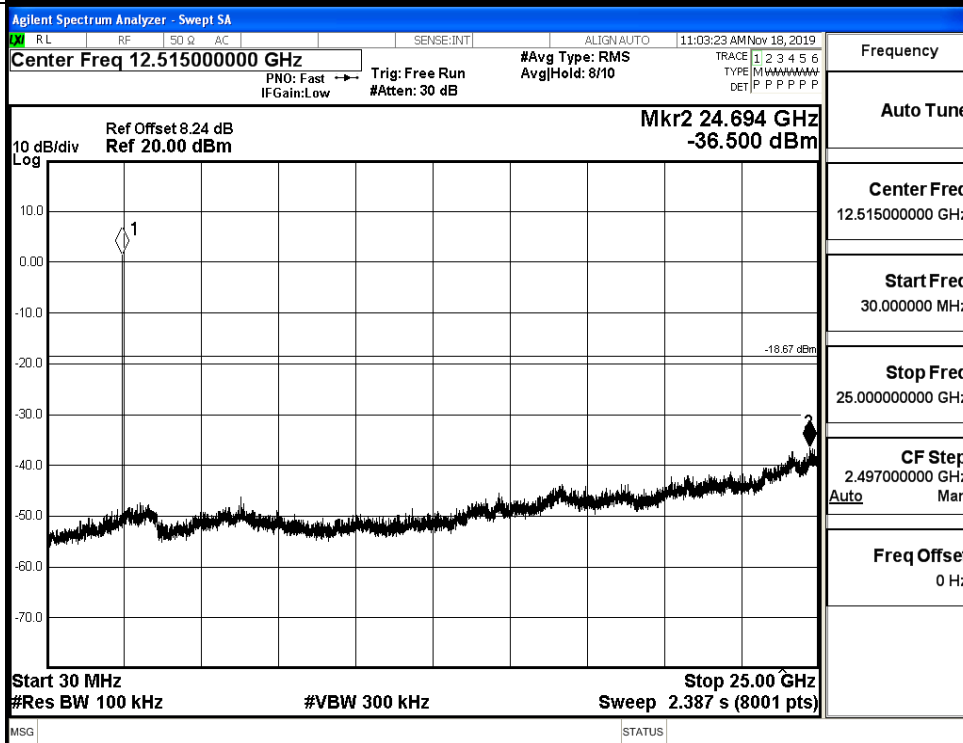


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

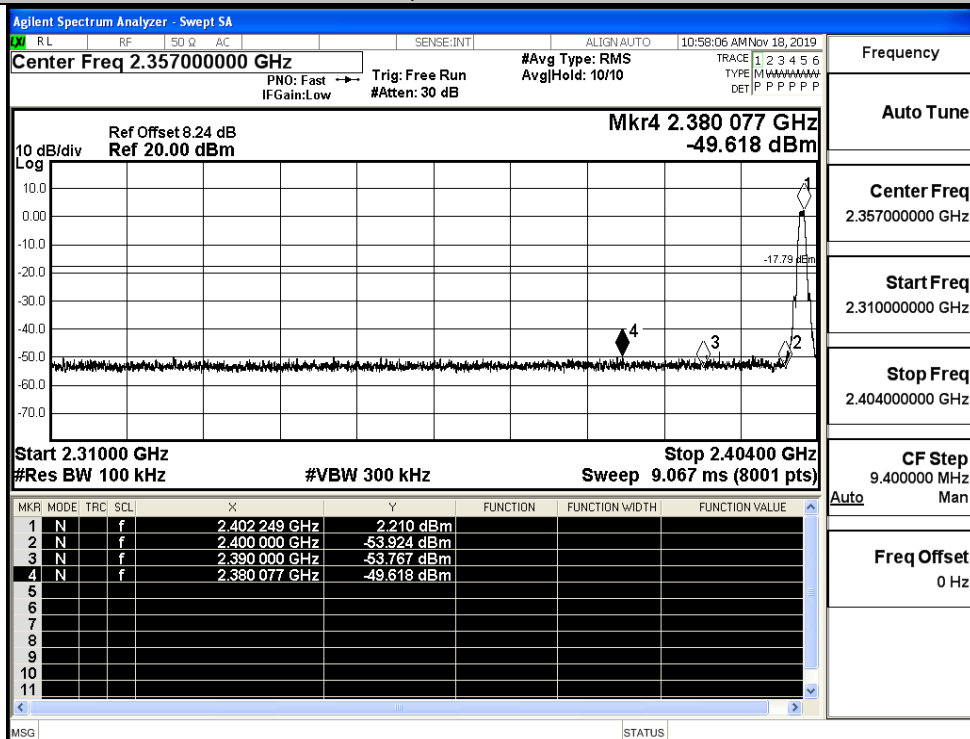


B.6 Band-edge for RF Conducted Emissions

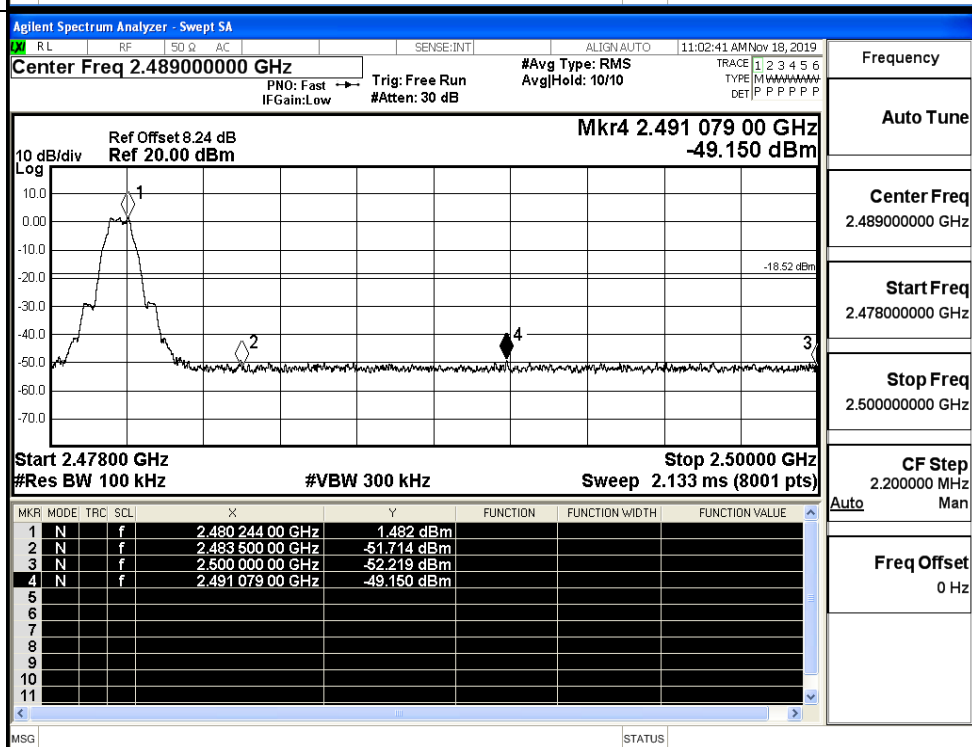
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.210	-49.618	-17.79	PASS
BT LE	HCH	1.482	-49.150	-18.52	PASS

Test Graphs

LCH



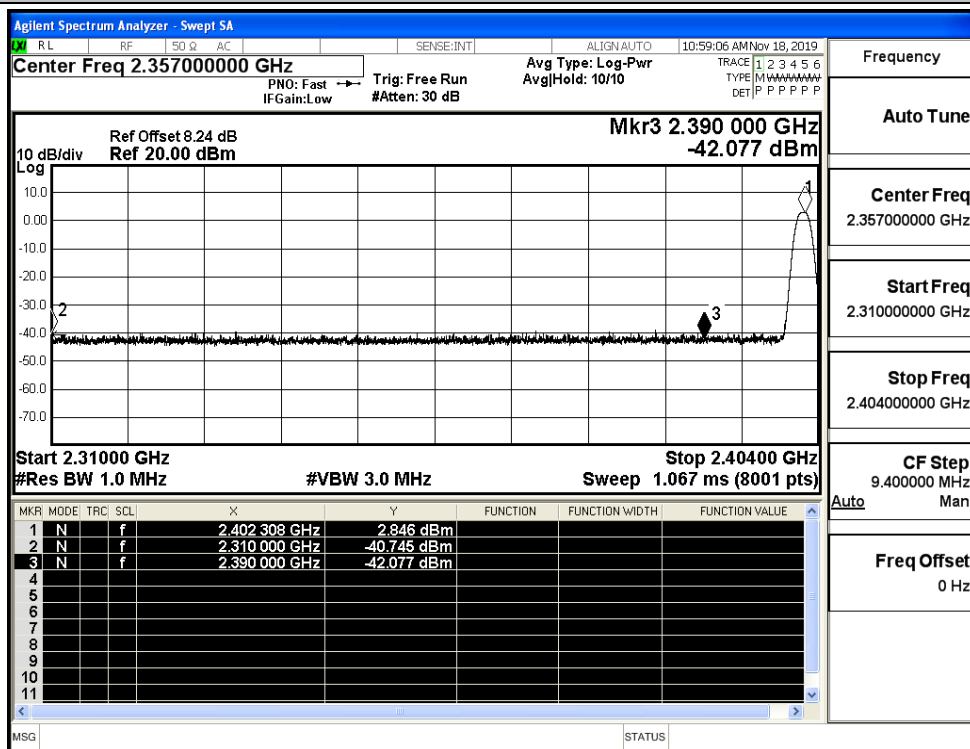
HCH



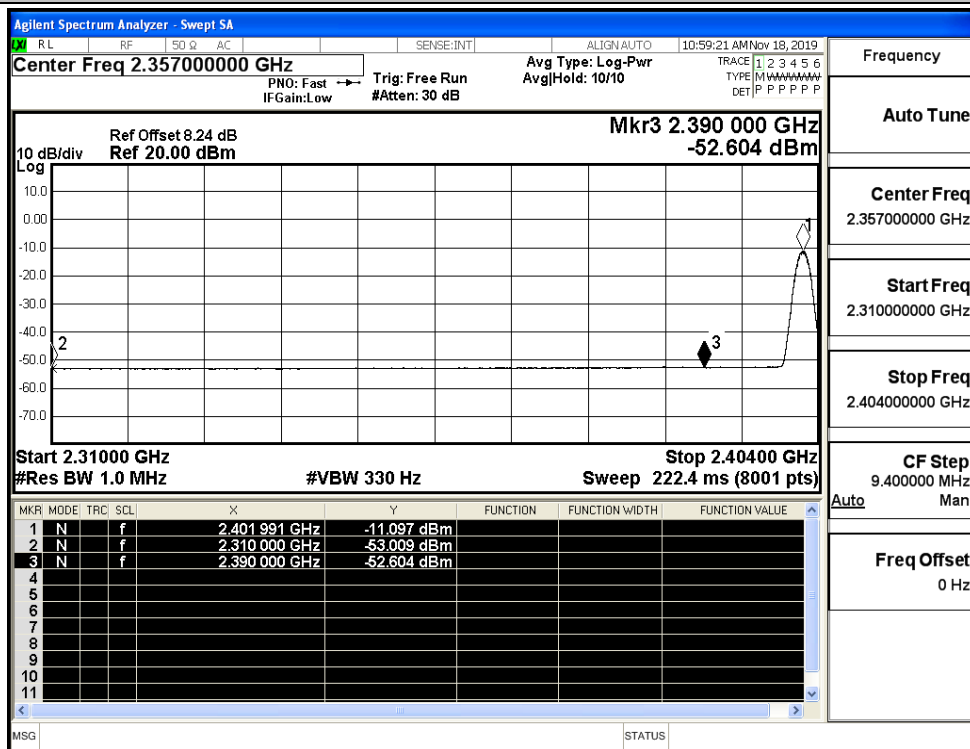
B.7 Restrict-band band-edge measurements

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	-40.75	3.0	0	57.51	PEAK	74	PASS
		Ant1	2310.0	-53.01	3.0	0	45.25	AV	54	PASS
		Ant1	2390.0	-42.08	3.0	0	56.18	PEAK	74	PASS
		Ant1	2390.0	-52.60	3.0	0	45.66	AV	54	PASS
	2480	Ant1	2483.5	-43.03	3.0	0	55.23	PEAK	74	PASS
		Ant1	2483.5	-52.14	3.0	0	46.12	AV	54	PASS
		Ant1	2500.0	-42.38	3.0	0	55.88	PEAK	74	PASS
		Ant1	2500.0	-51.93	3.0	0	46.33	AV	54	PASS

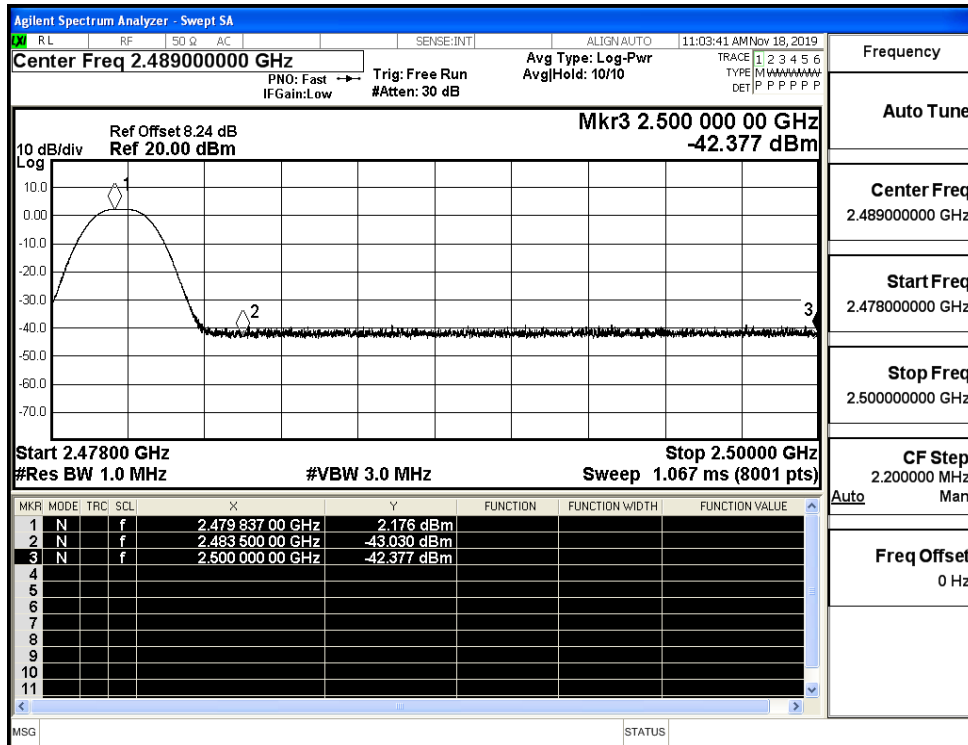
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

