

Appendix A

RF Test Data for BT V5.0(BDR/EDR) (Conducted Measurement)

Product Name: Smart Lock

Trade Mark: LaView

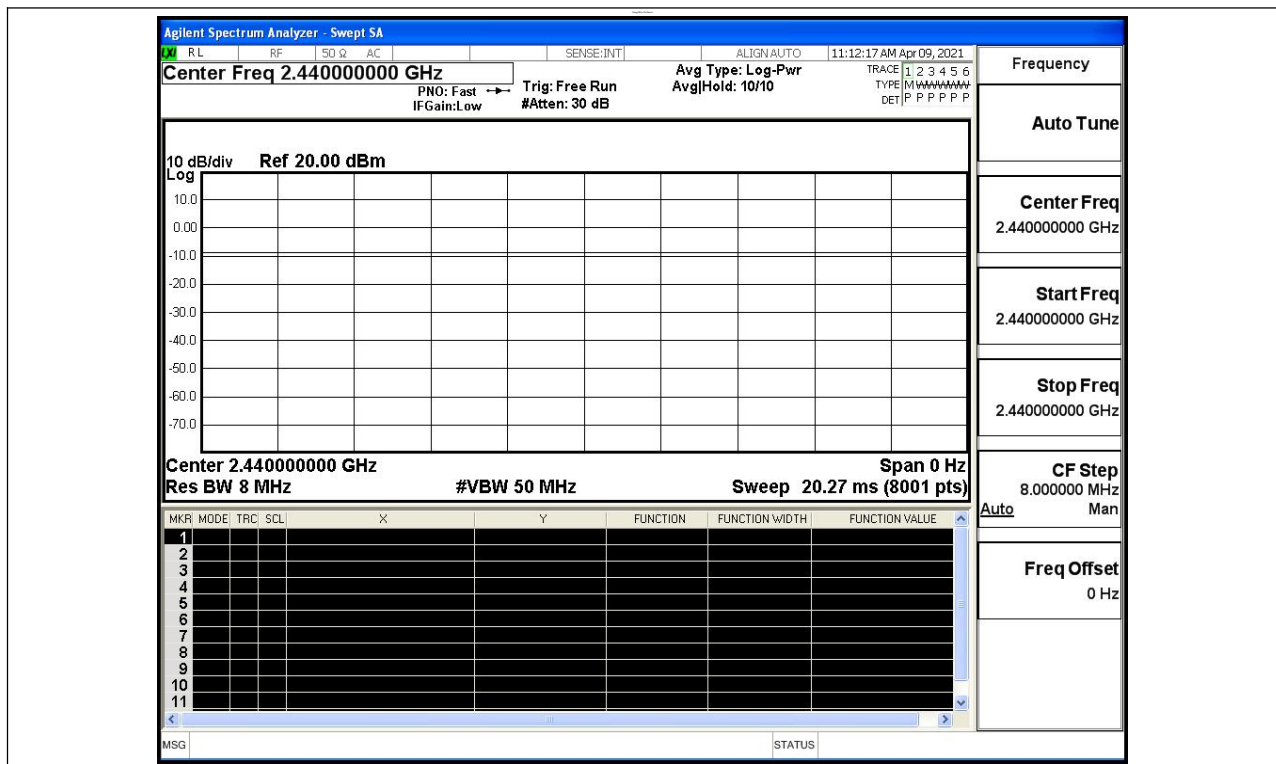
Test Model: LV-DHU06-B

Environmental Conditions

Temperature:	24.9° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

A.1 Duty Cycle

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

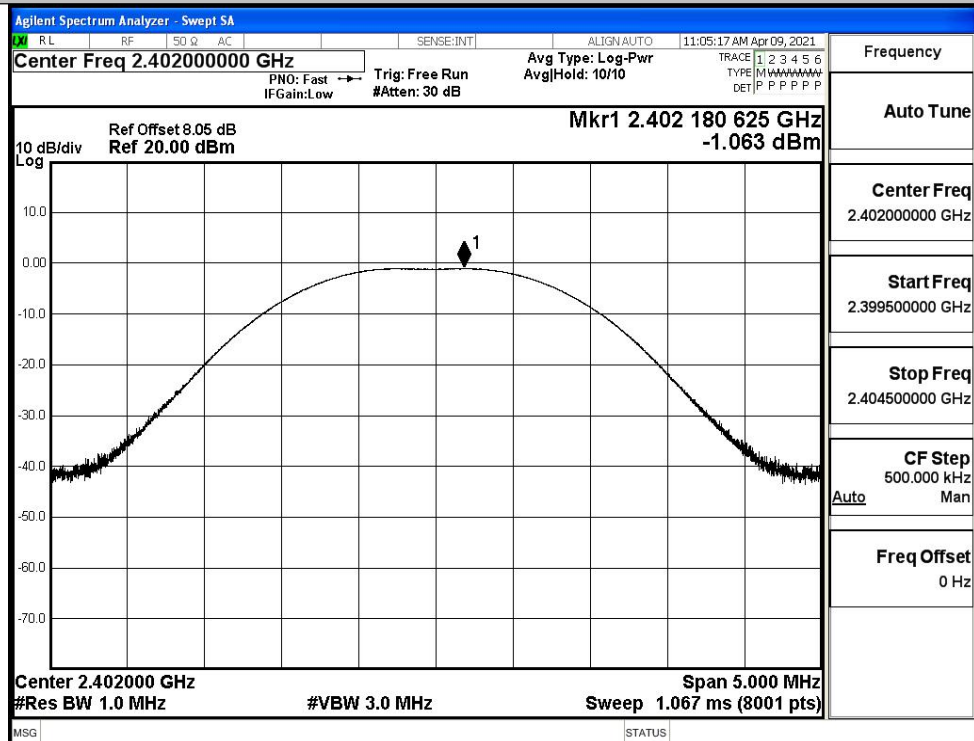


A.2 Maximum Conducted Peak Output Power

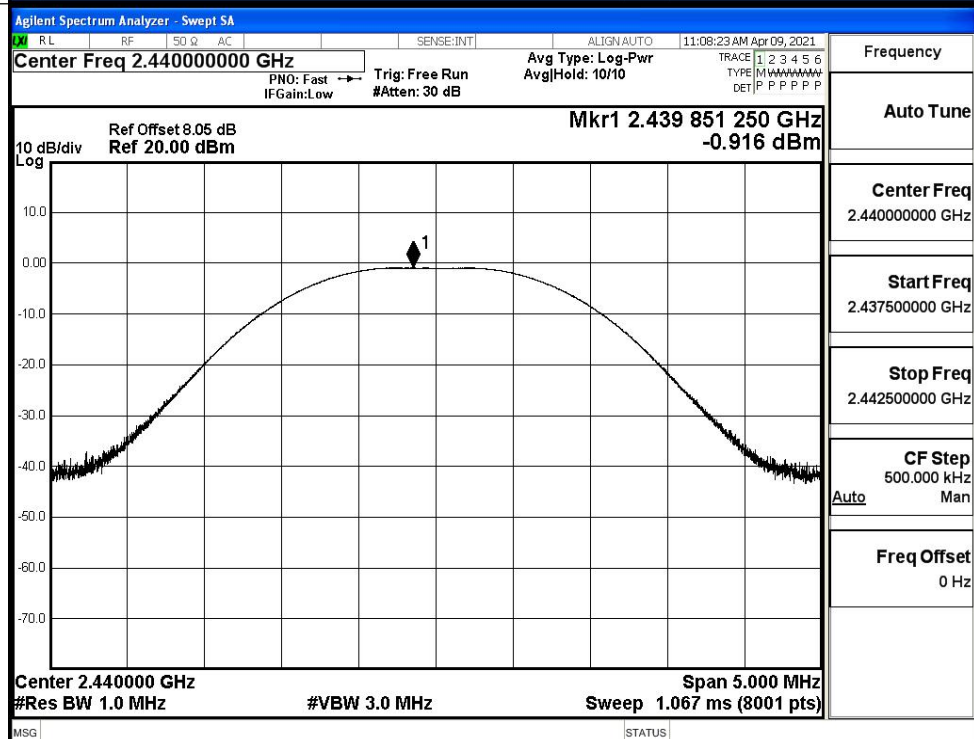
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.063	30	PASS
BT LE	MCH	-0.916	30	PASS
BT LE	HCH	-2.033	30	PASS

Test Graphs

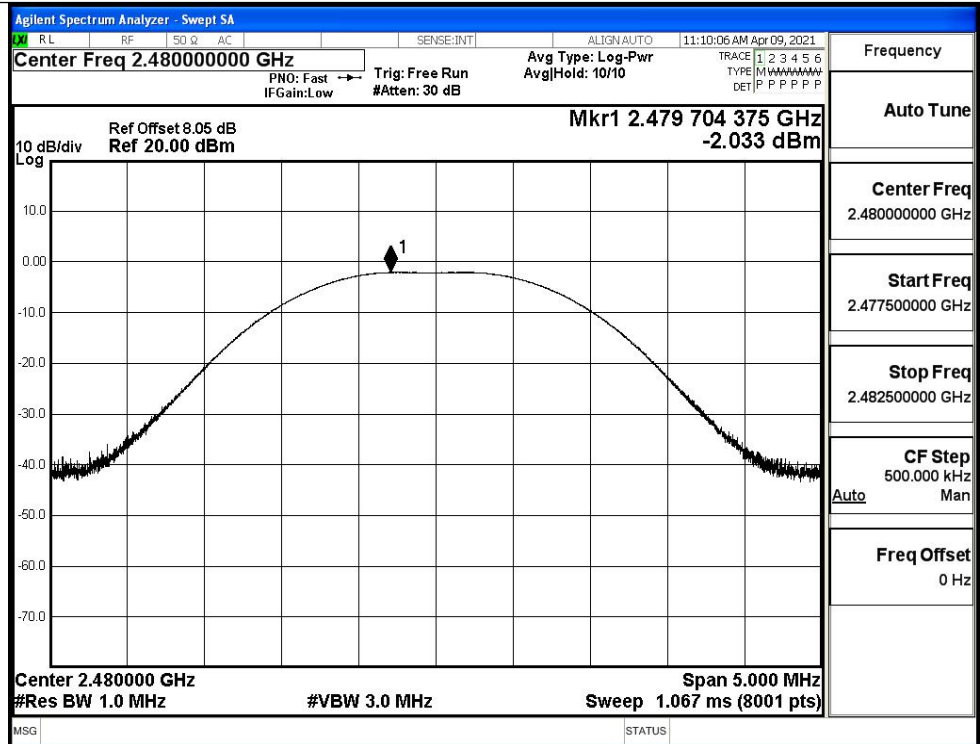
LCH



MCH



HCH

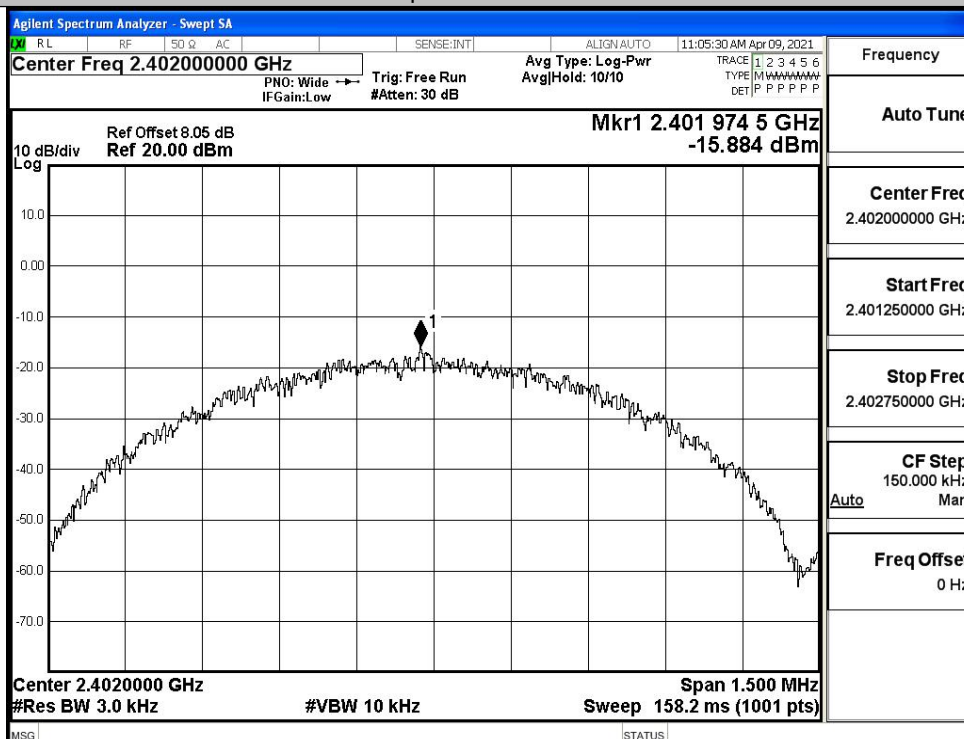


A.3 Maximum Power Spectral Density

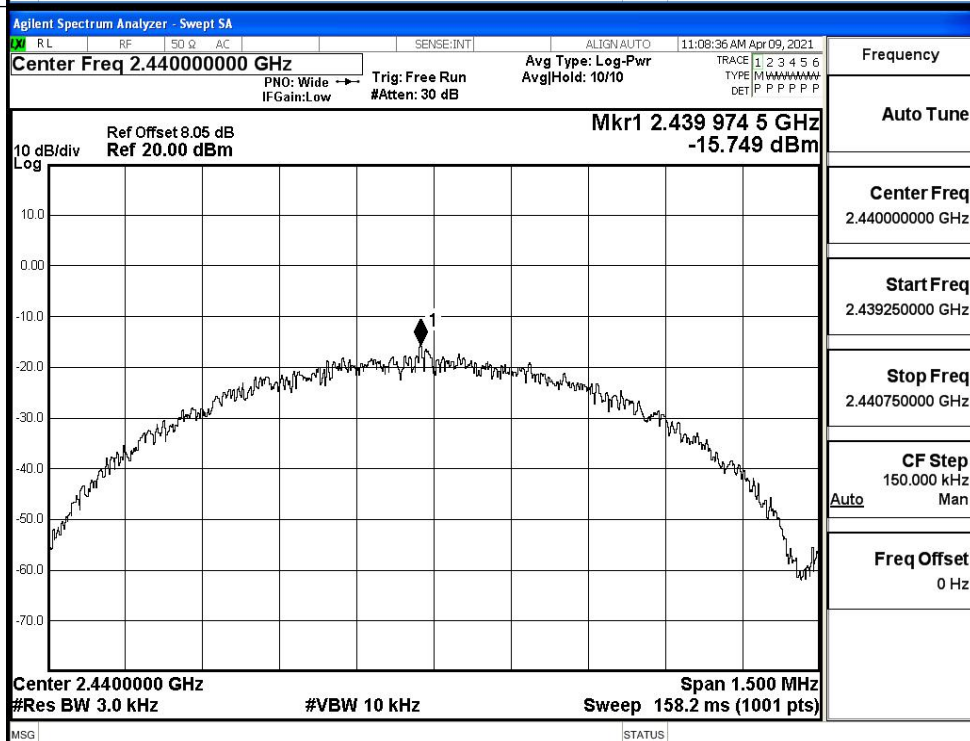
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-15.884	8	PASS
BT LE	MCH	-15.749	8	PASS
BT LE	HCH	-16.805	8	PASS

Test Graphs

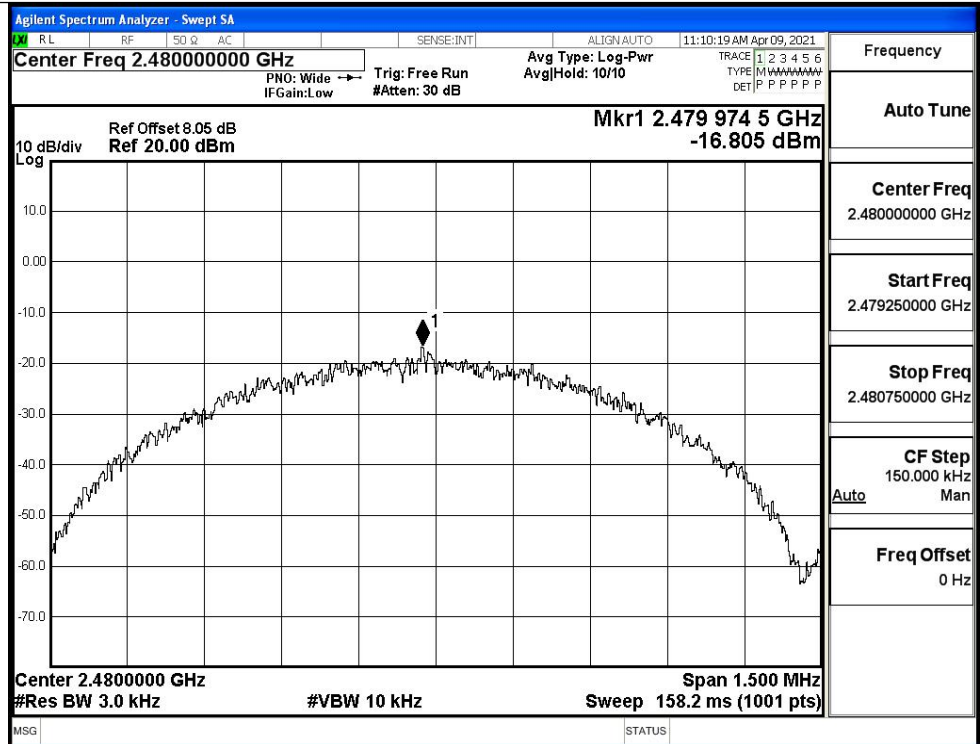
LCH



MCH



HCH

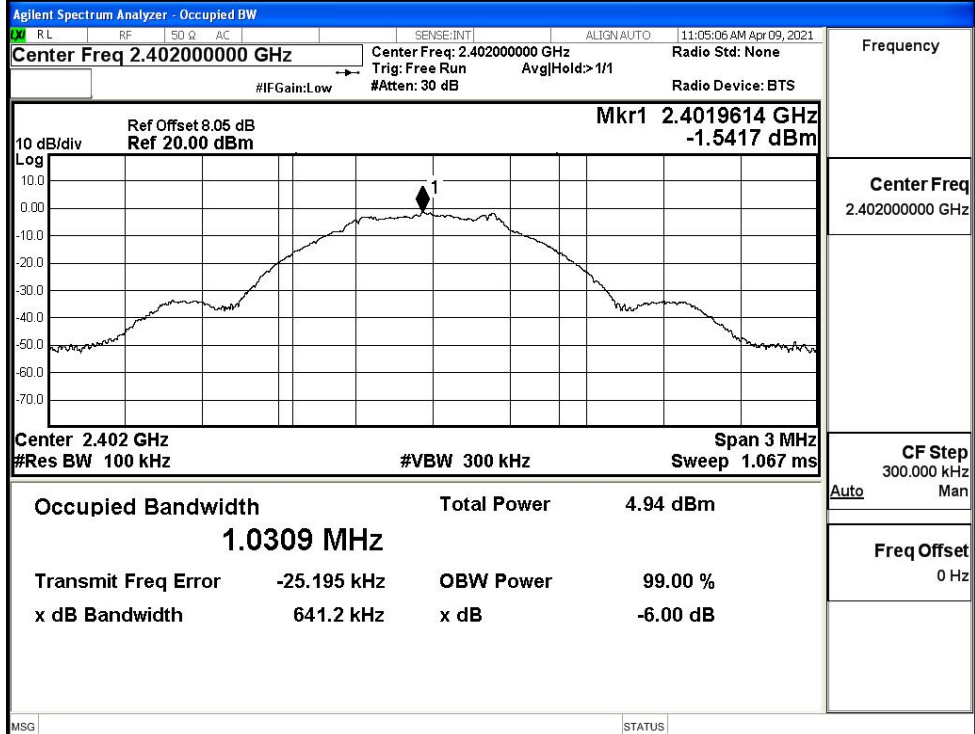


A.4 6dB Bandwidth

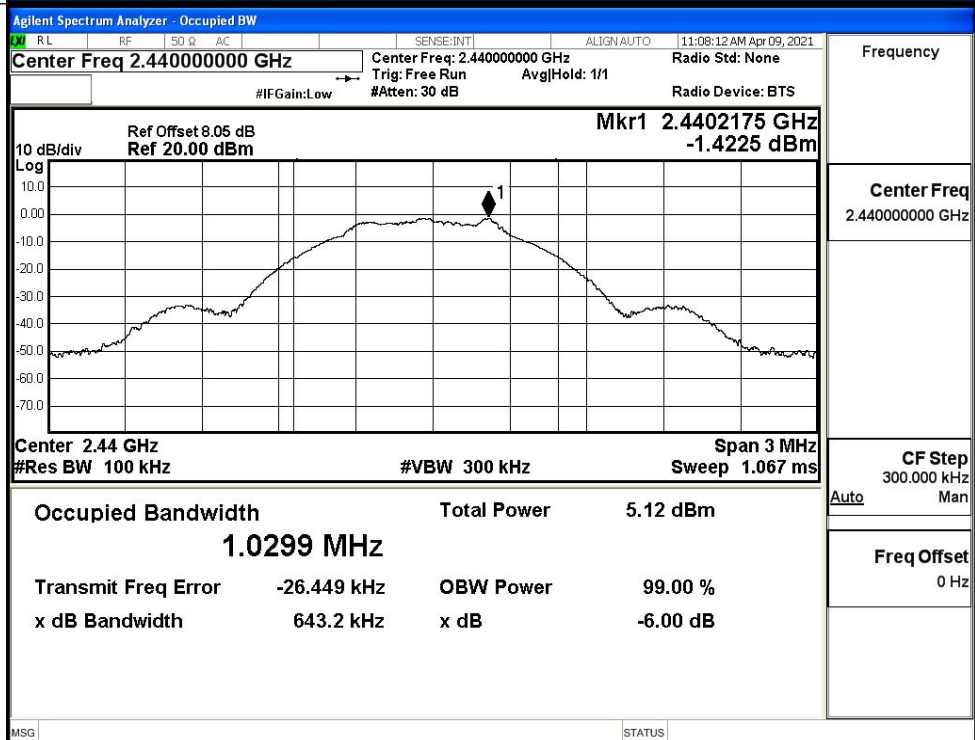
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6412	≥ 0.5	PASS
BT LE	MCH	0.6432	≥ 0.5	PASS
BT LE	HCH	0.6485	≥ 0.5	PASS

Test Graphs

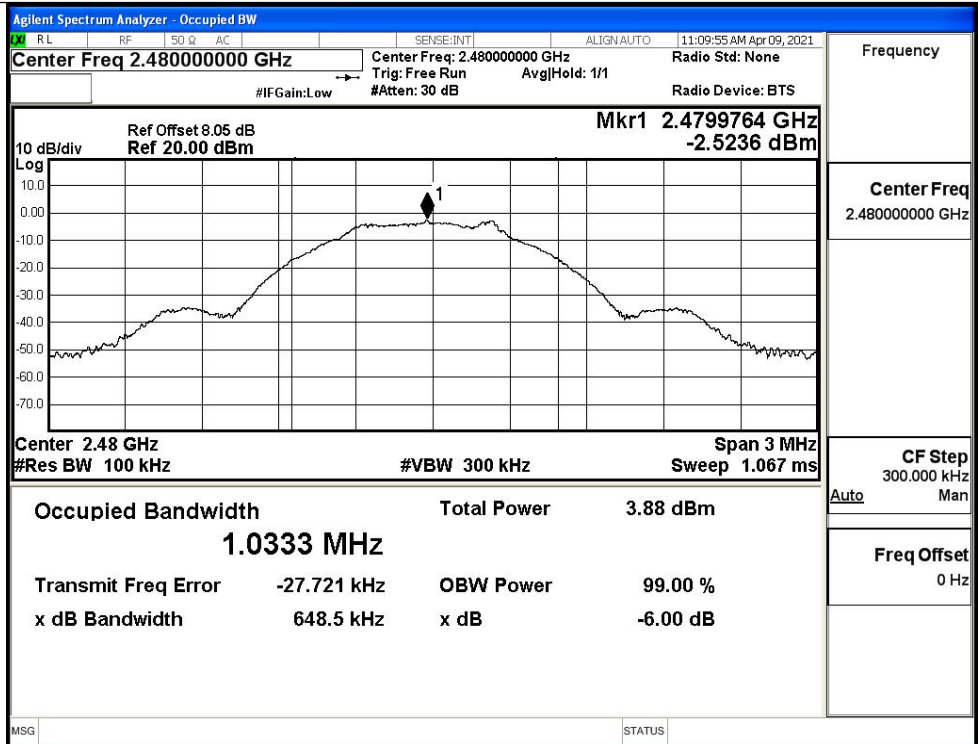
LCH



MCH



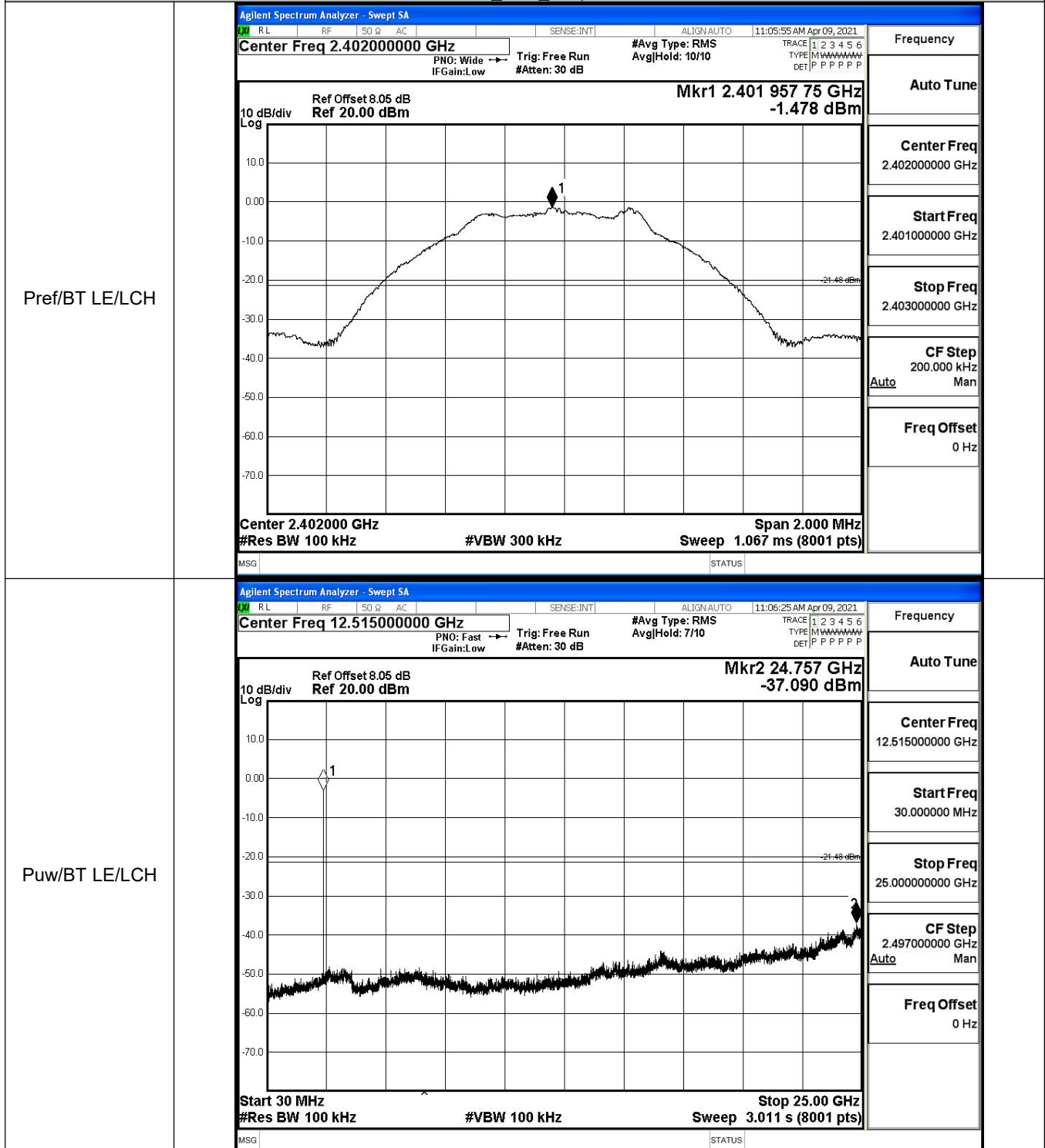
HCH



A.5 RF Conducted Spurious Emissions

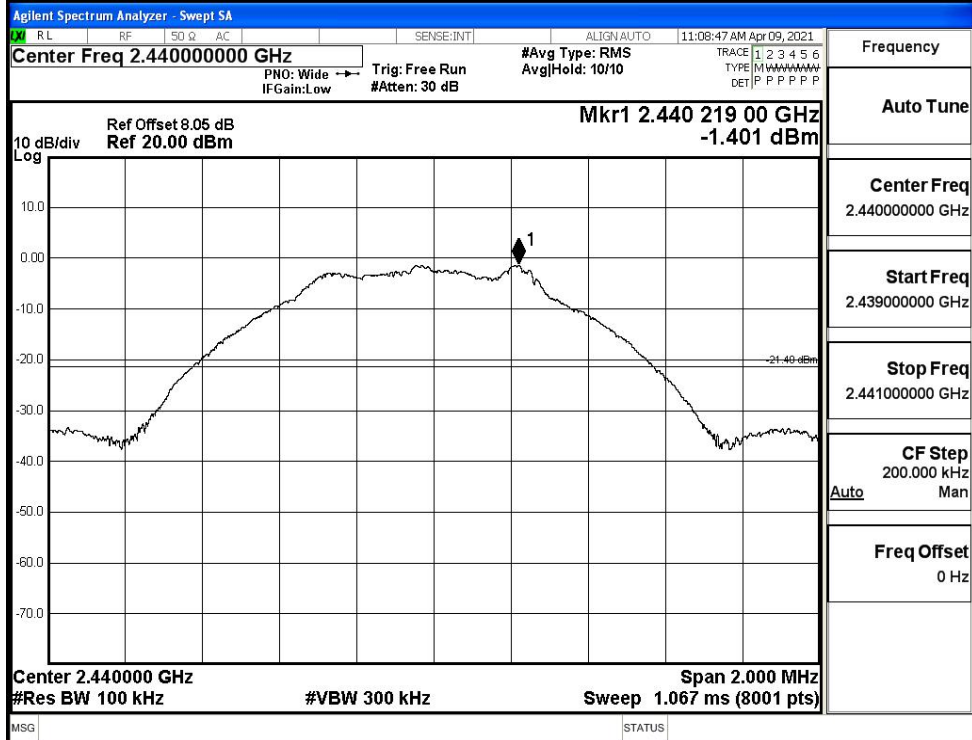
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.478	-37.090	-21.478	PASS
BT LE	MCH	-1.401	-37.630	-21.401	PASS
BT LE	HCH	-2.685	-37.126	-22.685	PASS

BT LE_LCH_Graphs



BT LE MCH Graphs

Pref/BT LE/MCH

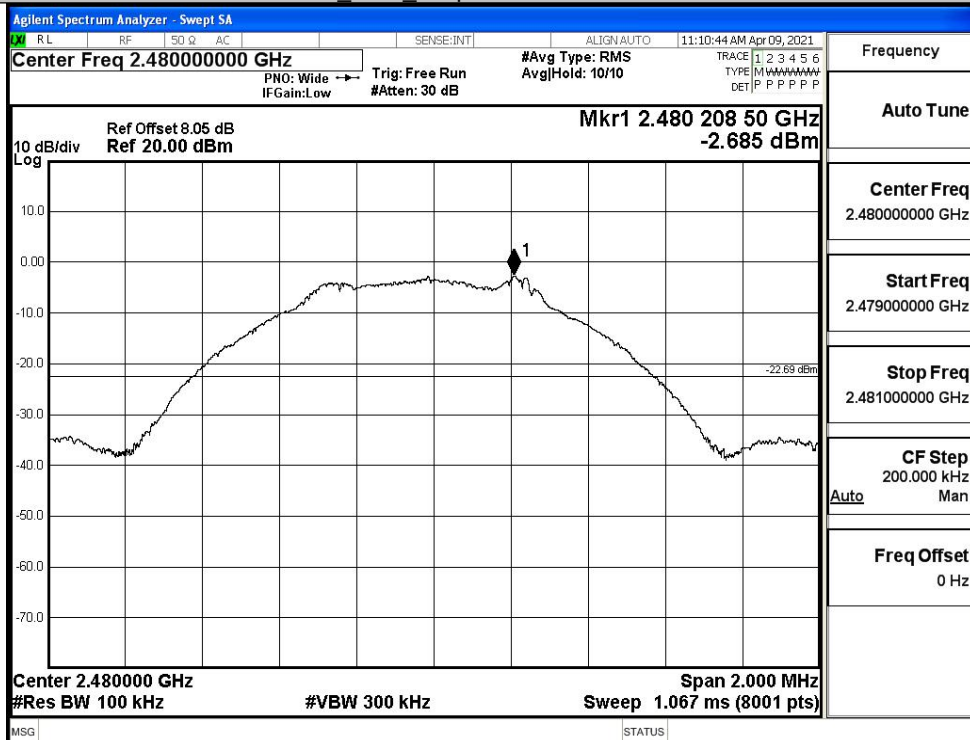


Puw/BT LE/MCH

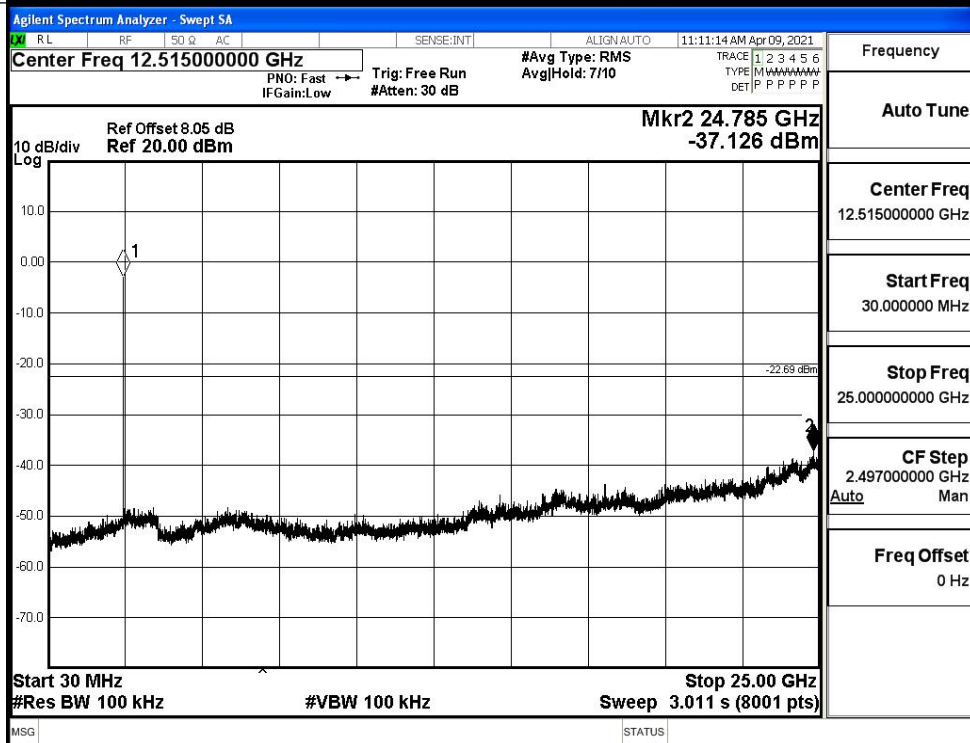


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

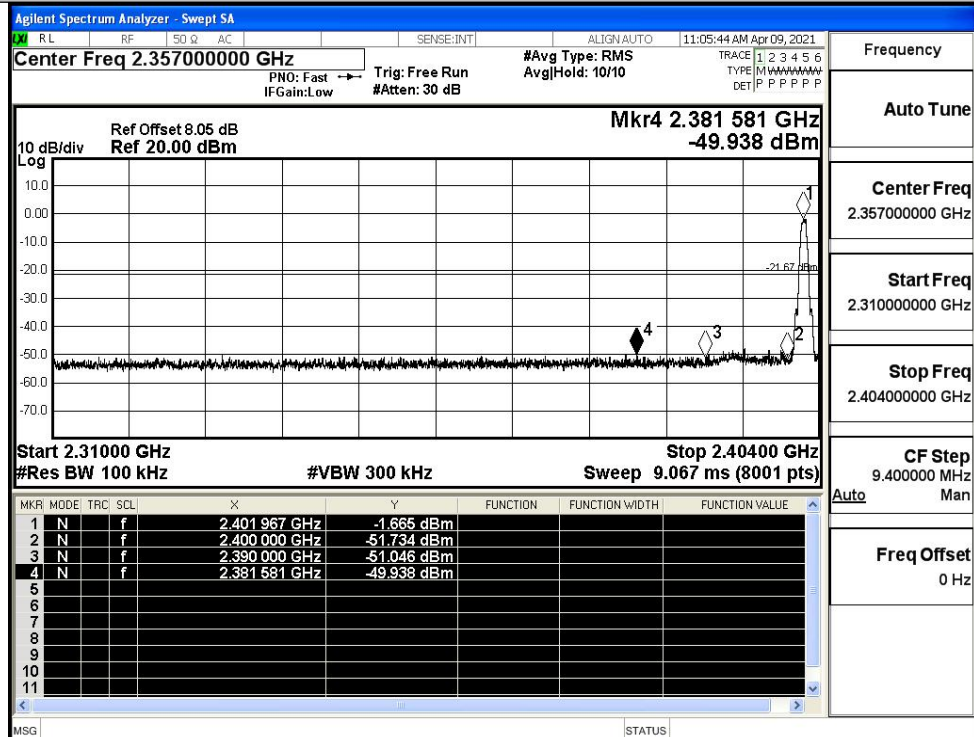


A.6 Band-edge for RF Conducted Emissions

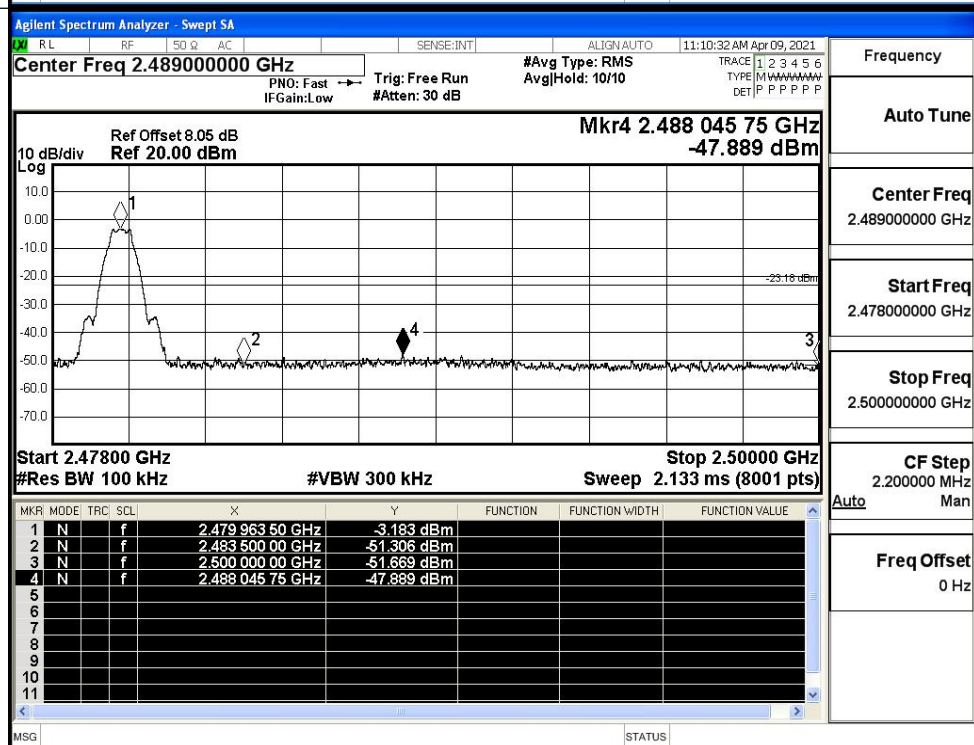
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.665	-49.938	-21.67	PASS
BT LE	HCH	-3.183	-47.889	-23.18	PASS

Test Graphs

LCH



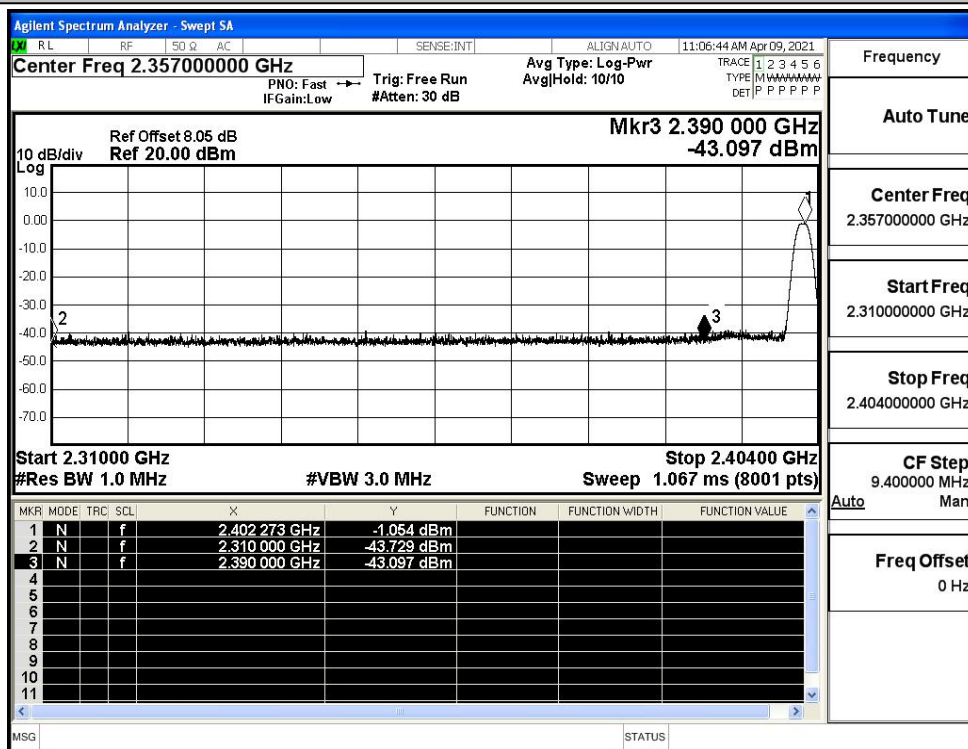
HCH



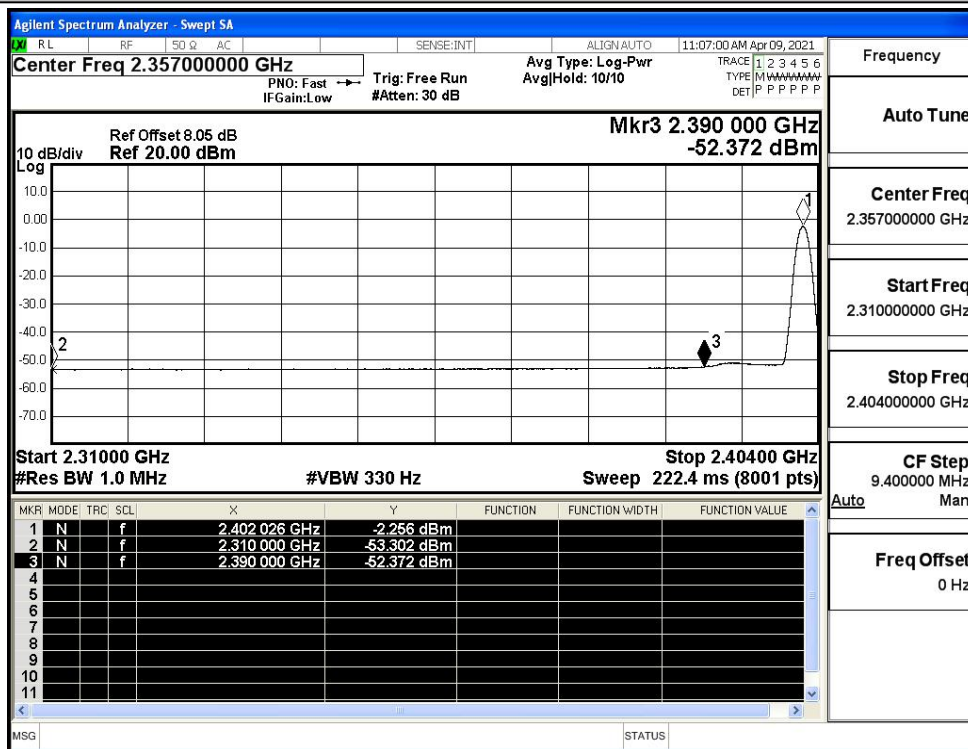
A.7 Restrict-band band-edge measurements

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	-43.73	2.0	0	53.53	PEAK	74	PASS
		Ant1	2310.0	-53.30	2.0	0	43.96	AV	54	PASS
		Ant1	2390.0	-43.10	2.0	0	54.16	PEAK	74	PASS
		Ant1	2390.0	-52.37	2.0	0	44.89	AV	54	PASS
	2480	Ant1	2483.5	-41.61	2.0	0	55.64	PEAK	74	PASS
		Ant1	2483.5	-51.41	2.0	0	45.85	AV	54	PASS
		Ant1	2500.0	-41.53	2.0	0	55.72	PEAK	74	PASS
		Ant1	2500.0	-52.19	2.0	0	45.07	AV	54	PASS

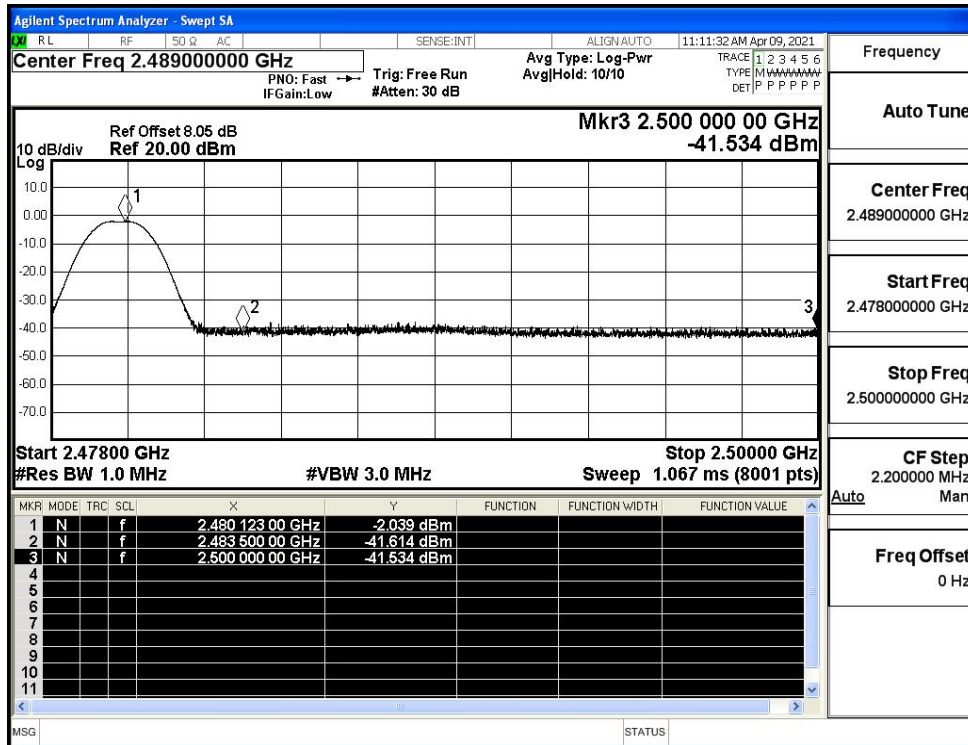
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

