

Appendix B

RF Test Data for BT V4.0 (Conducted Measurement)

Product Name: HyTabPlus

Trade Mark: HYUNDAI

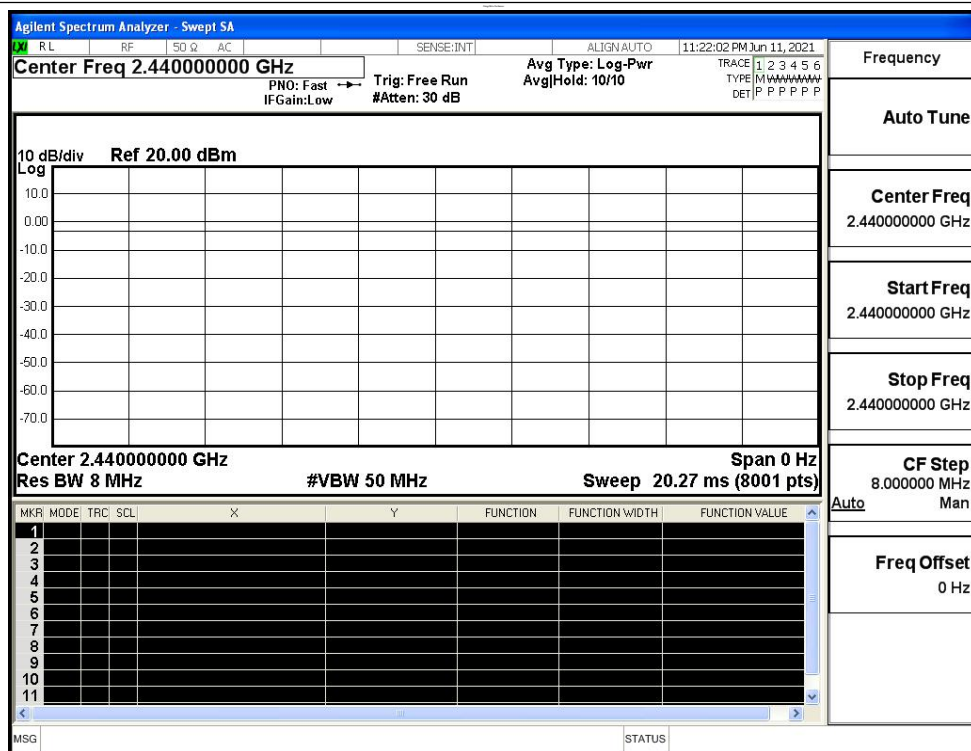
Test Model: HT10LB3MBKLTM

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

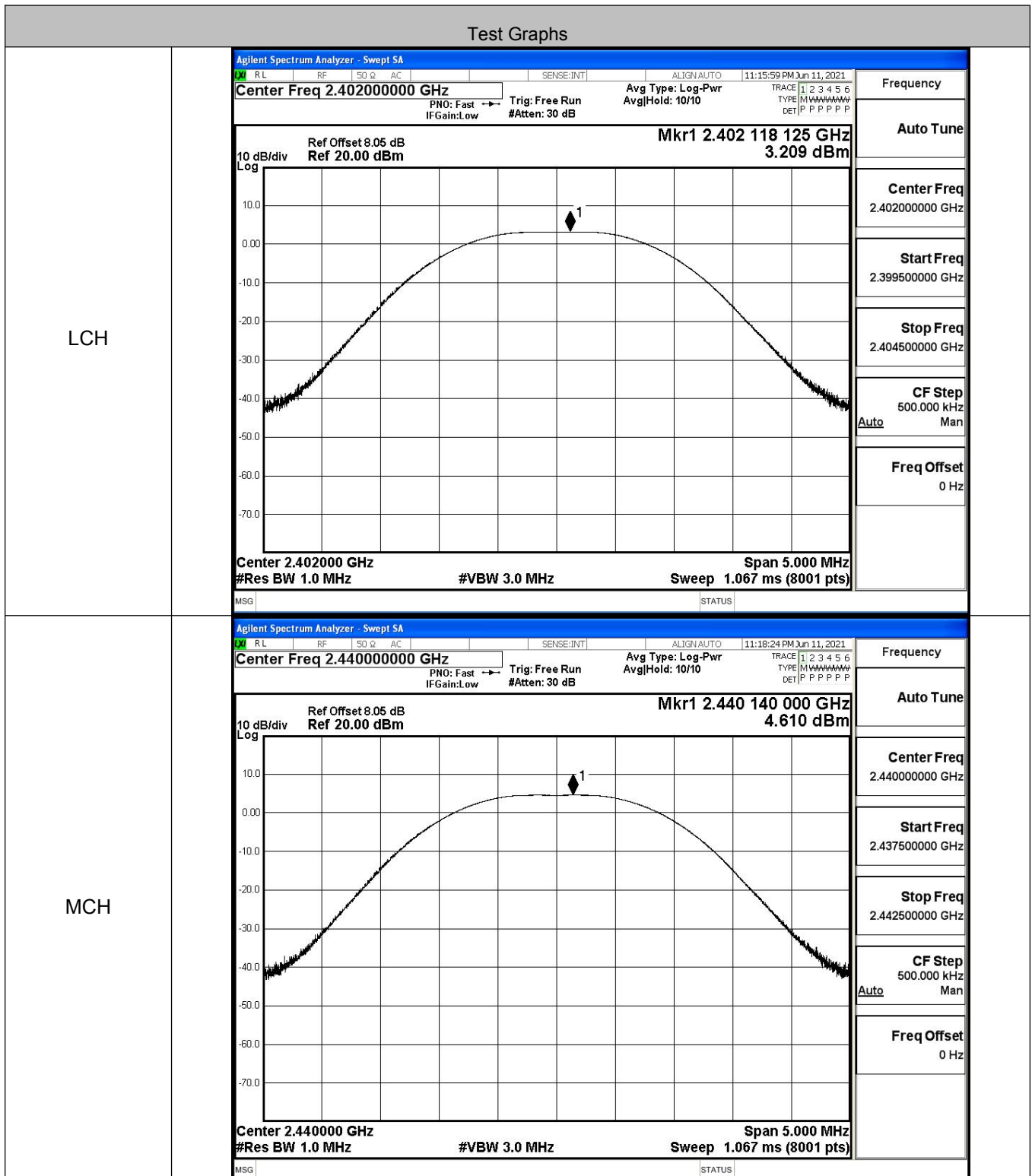
B.1 Duty Cycle

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

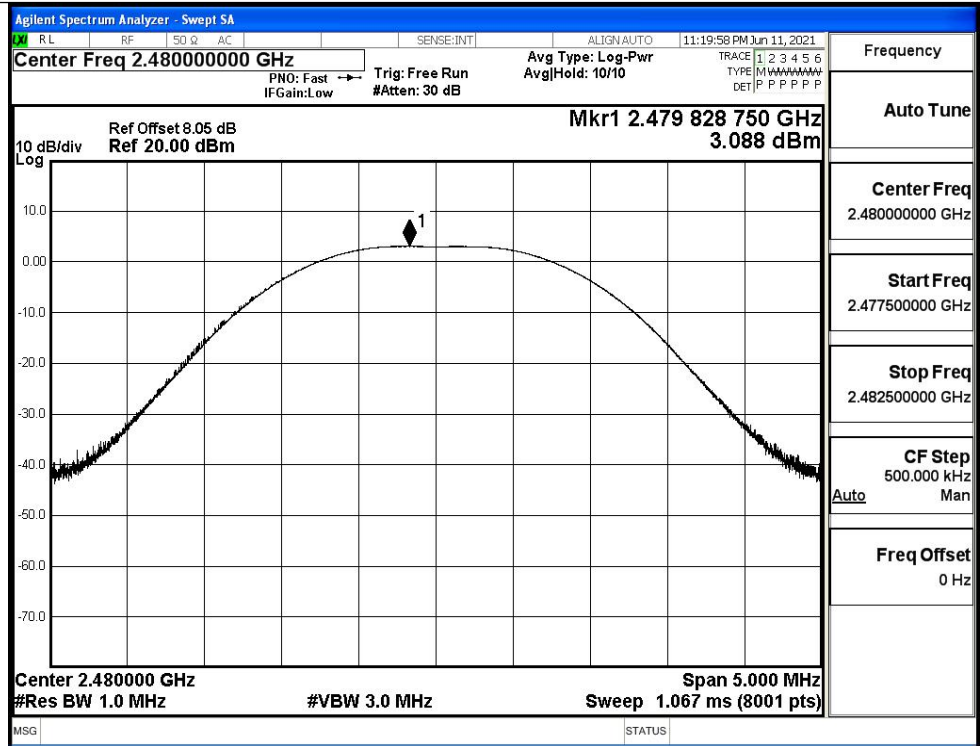


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	3.209	30	PASS
BT LE	MCH	4.610	30	PASS
BT LE	HCH	3.088	30	PASS



HCH

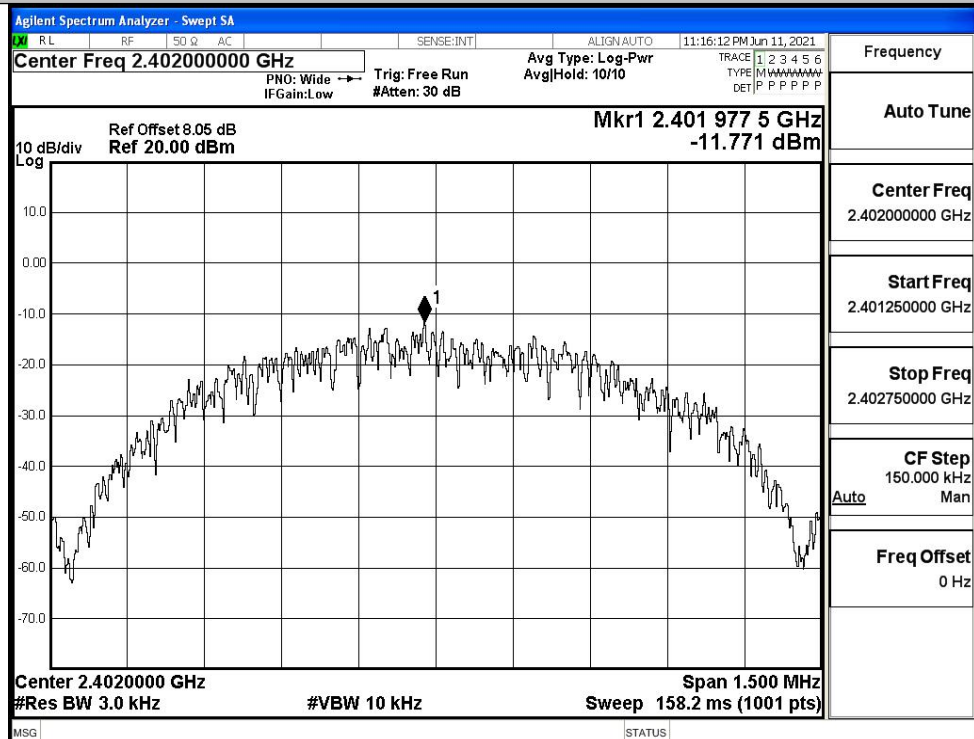


B.3 Maximum Power Spectral Density

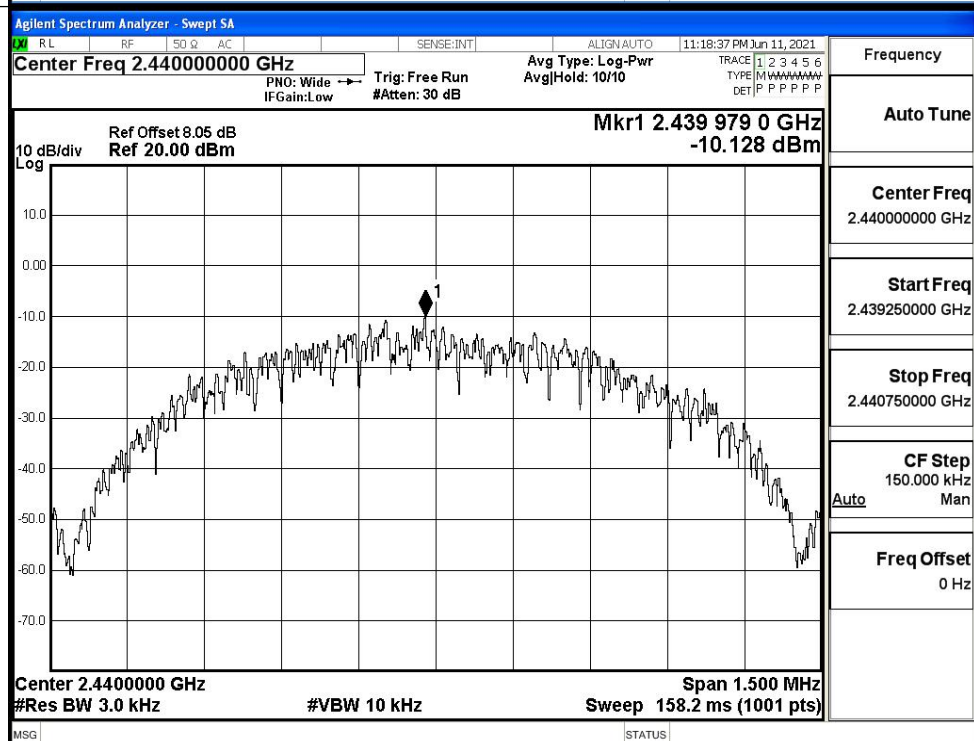
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-11.771	8	PASS
BT LE	MCH	-10.128	8	PASS
BT LE	HCH	-11.808	8	PASS

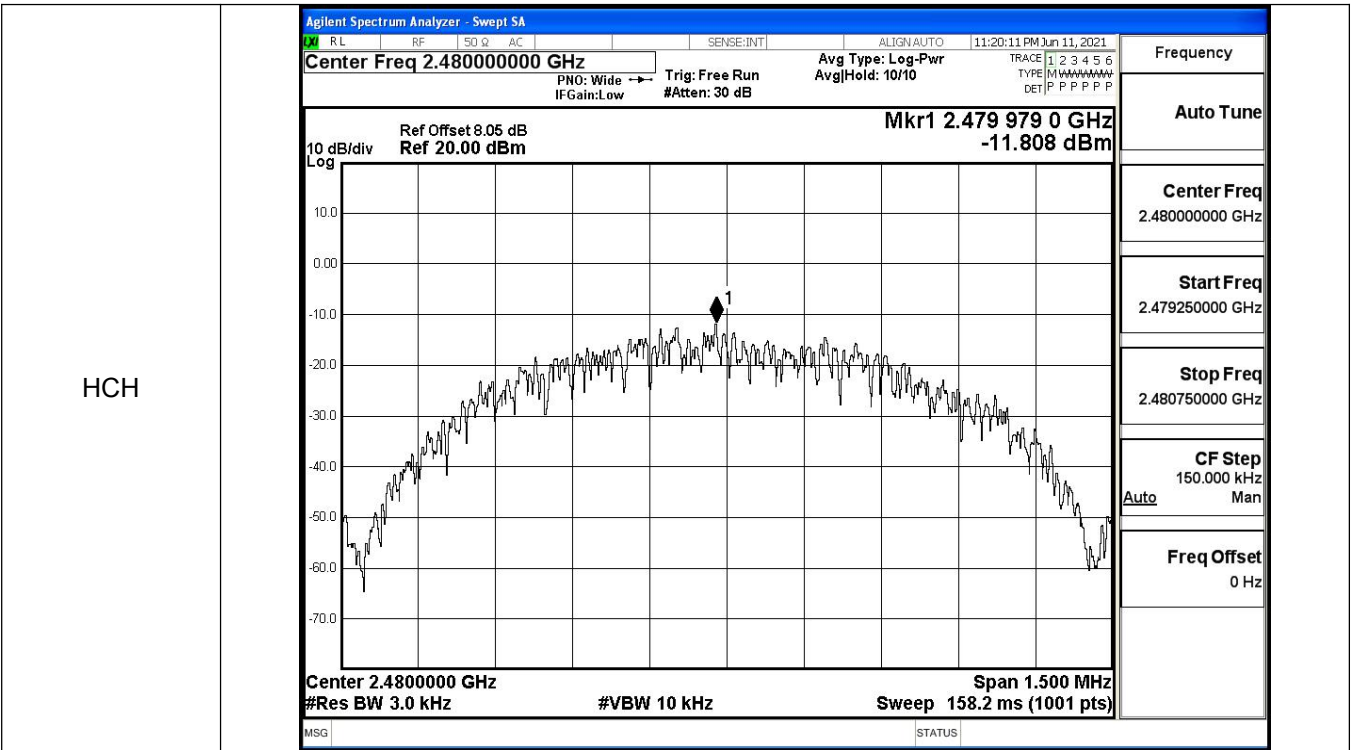
Test Graphs

LCH



MCH



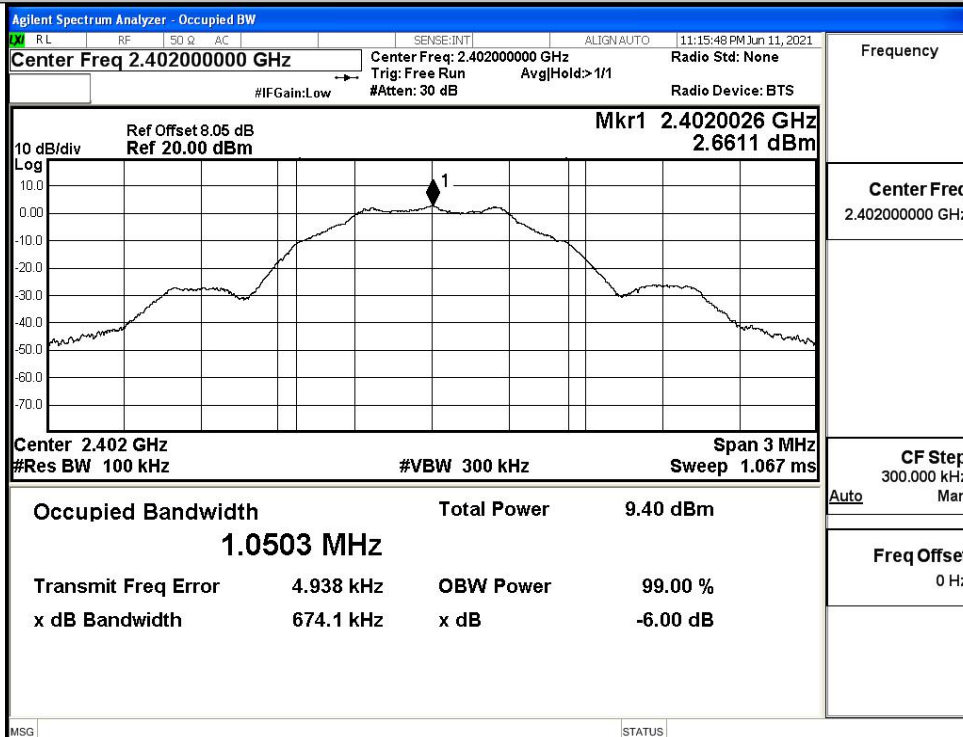


B.4 6dB Bandwidth

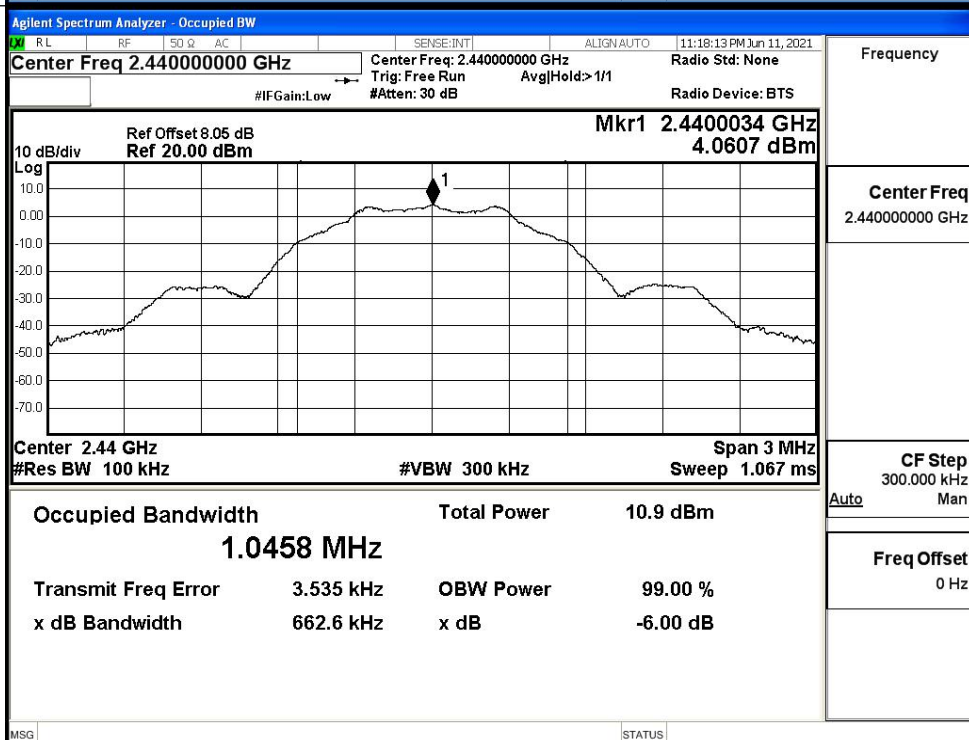
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6741	≥ 0.5	PASS
BT LE	MCH	0.6626	≥ 0.5	PASS
BT LE	HCH	0.6673	≥ 0.5	PASS

Test Graphs

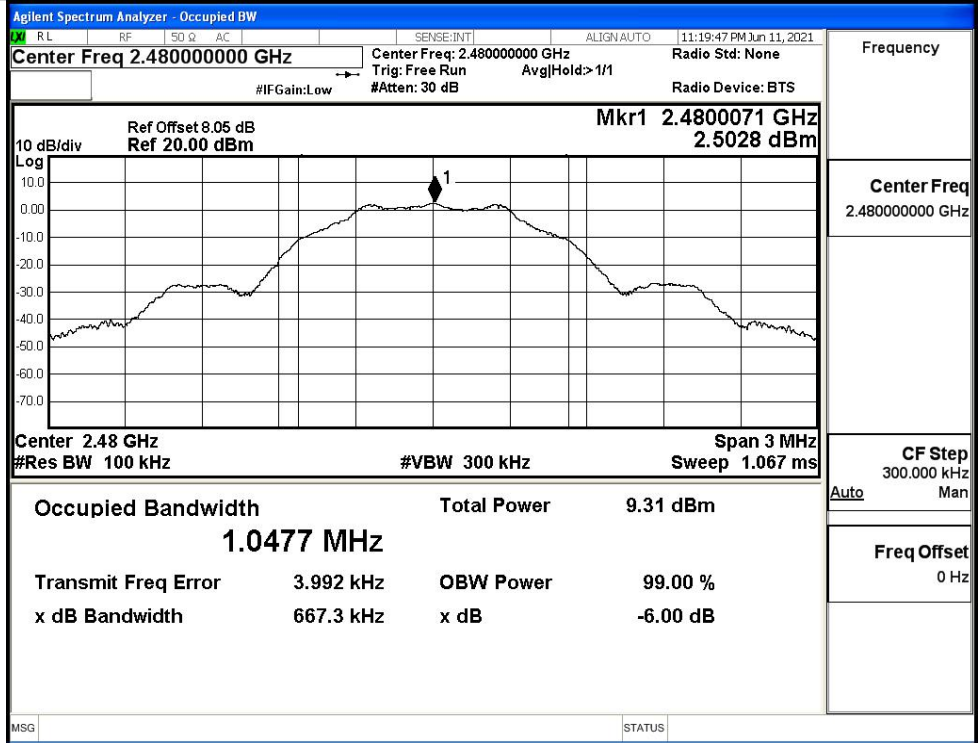
LCH



MCH



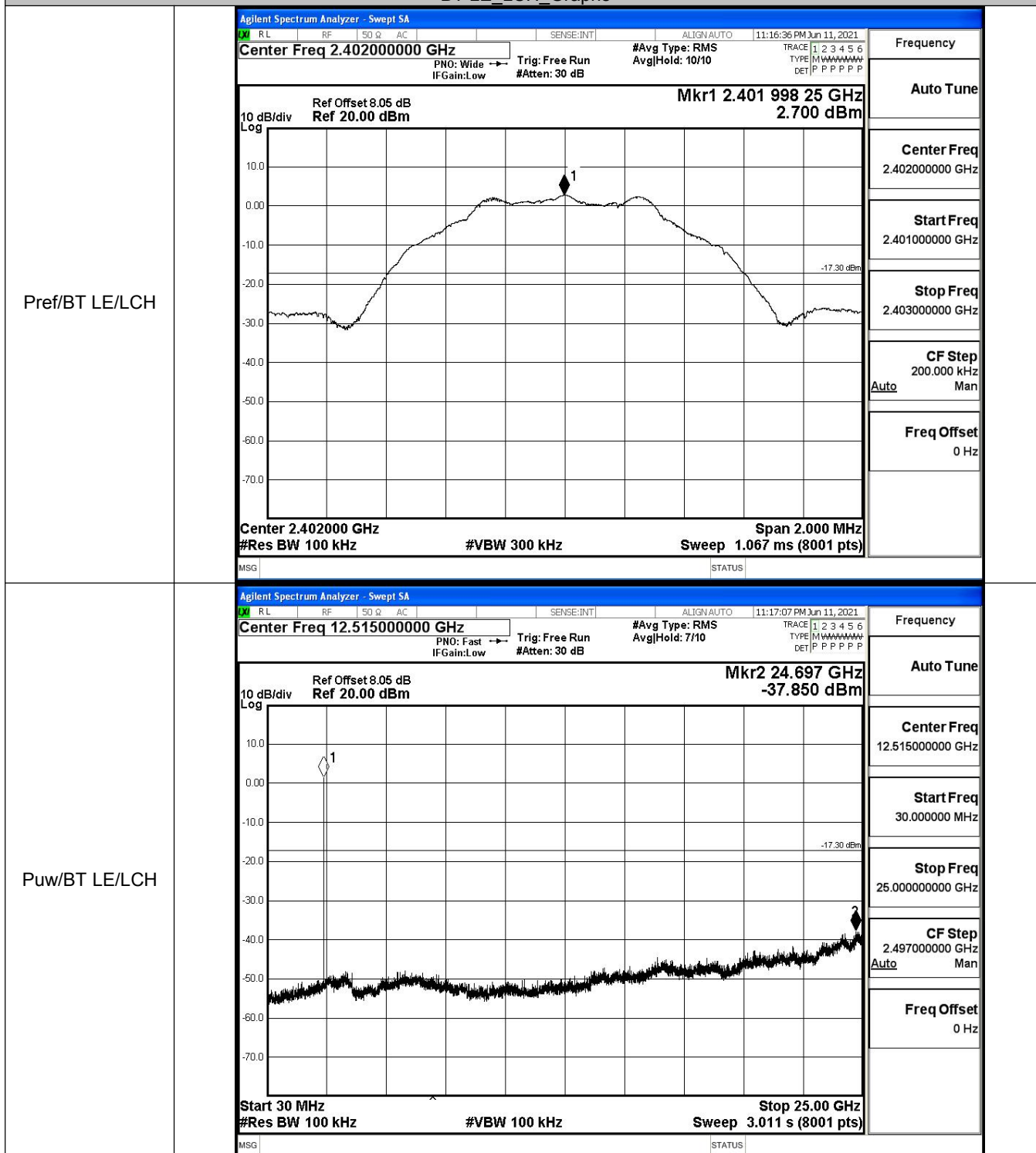
HCH



B.5 RF Conducted Spurious Emissions

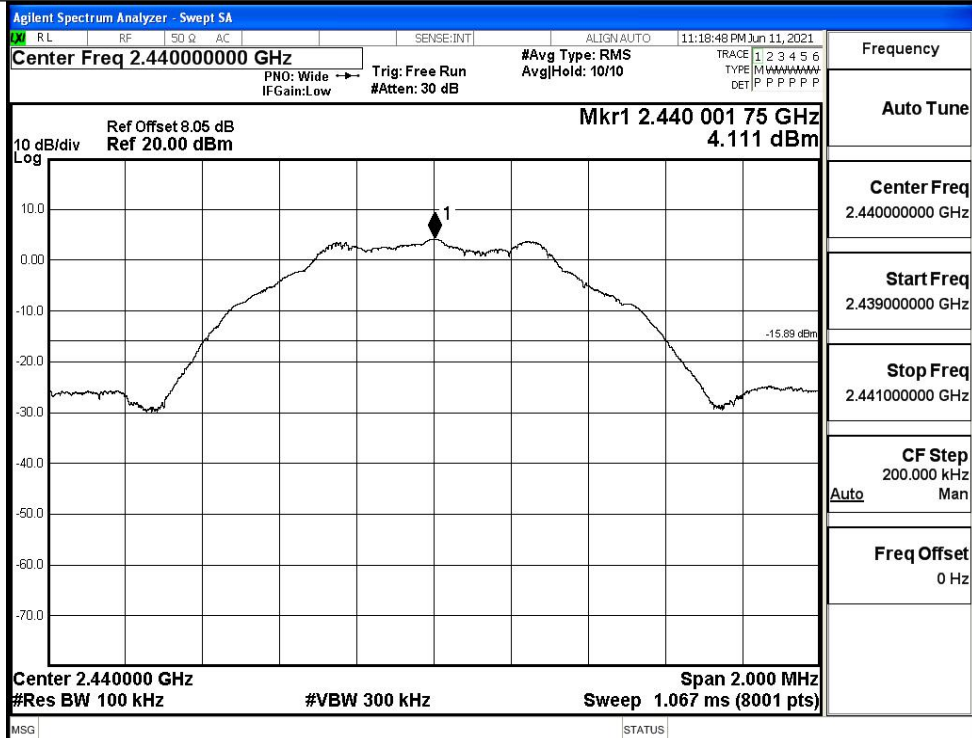
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.700	-37.850	-17.300	PASS
BT LE	MCH	4.111	-36.780	-15.889	PASS
BT LE	HCH	2.572	-37.722	-17.428	PASS

BT LE_LCH_Graphs

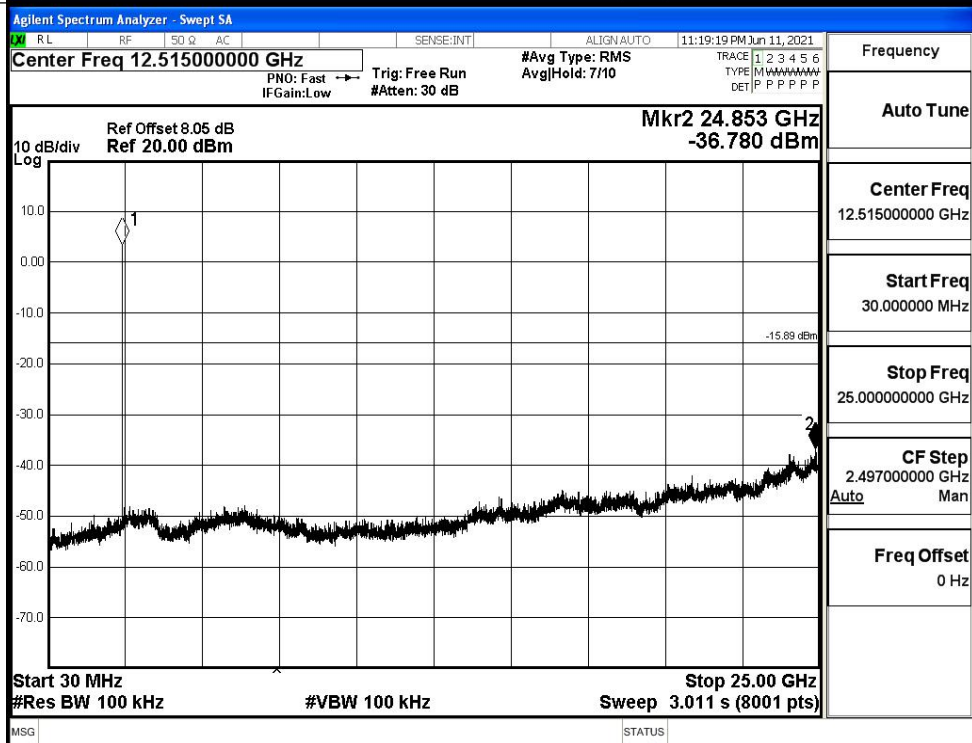


BT LE MCH Graphs

Pref/BT LE/MCH

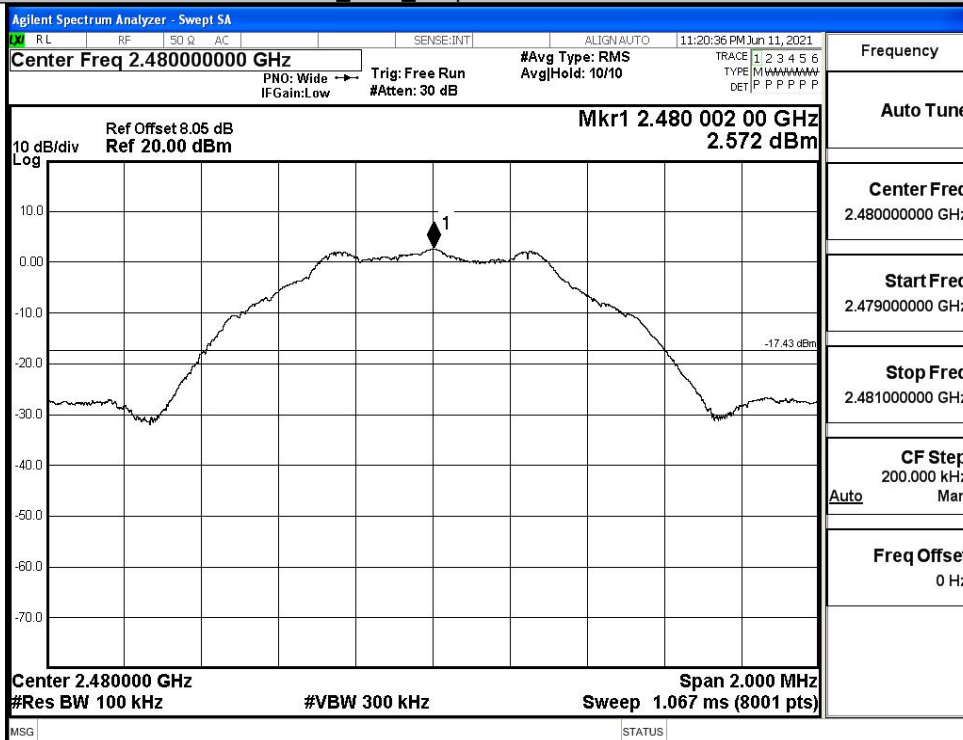


Puw/BT LE/MCH

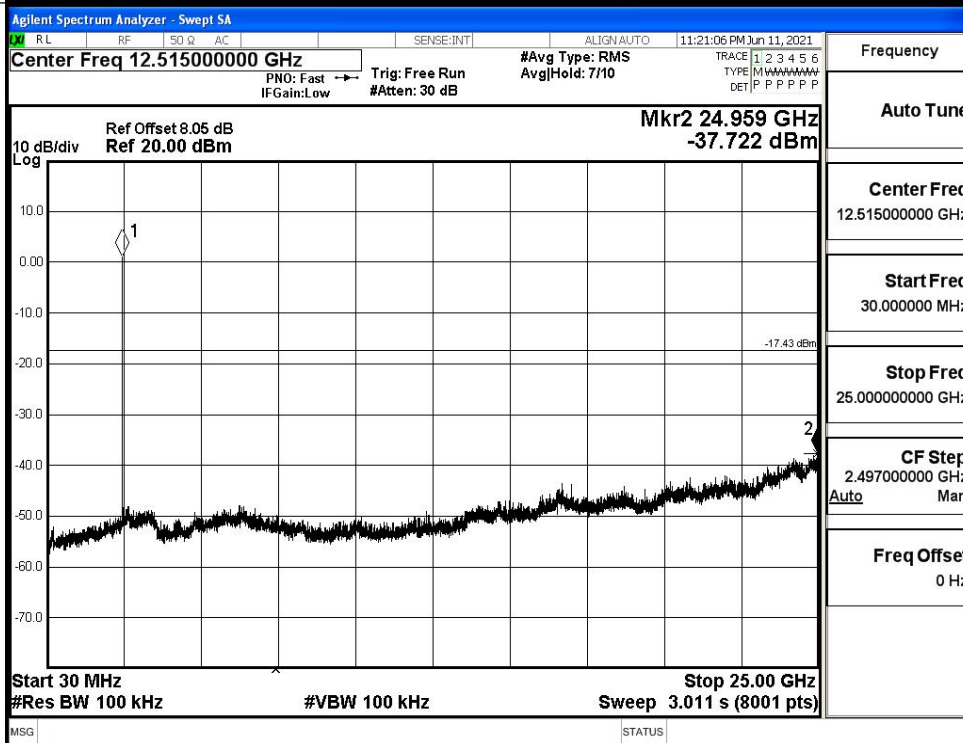


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

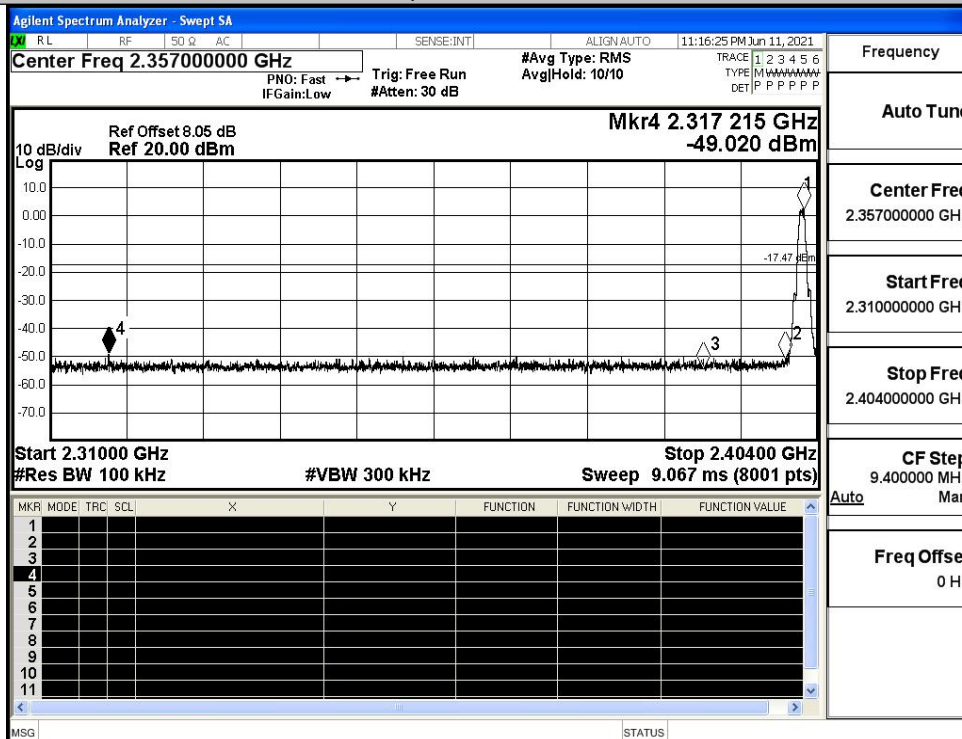


B.6 Band-edge for RF Conducted Emissions

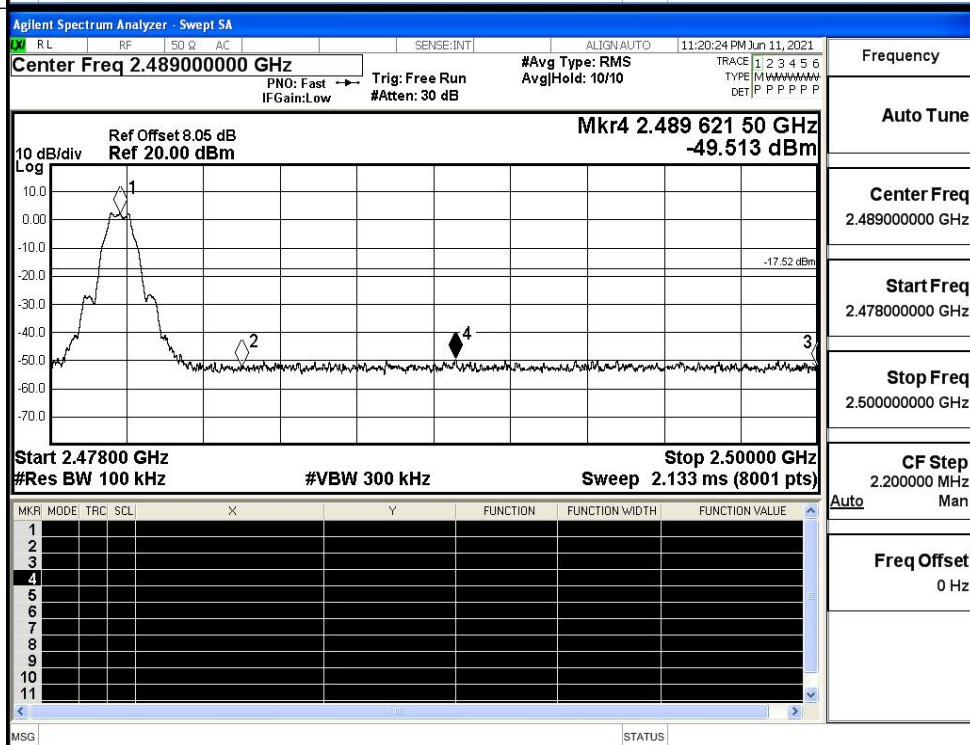
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.526	-49.020	-17.47	PASS
BT LE	HCH	2.477	-49.513	-17.52	PASS

Test Graphs

LCH



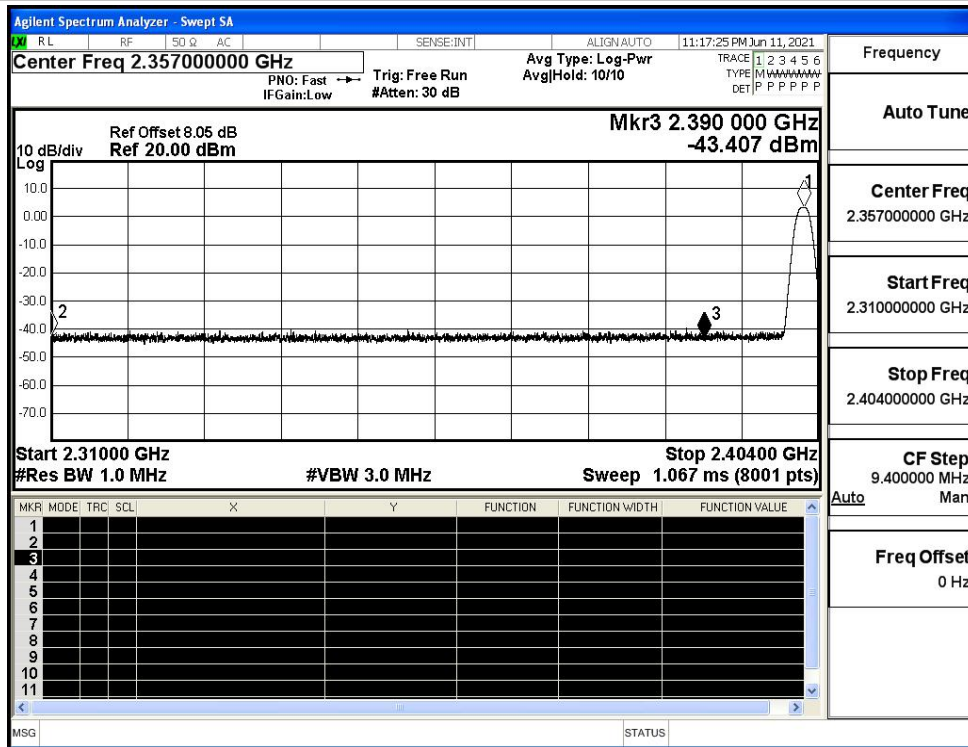
HCH



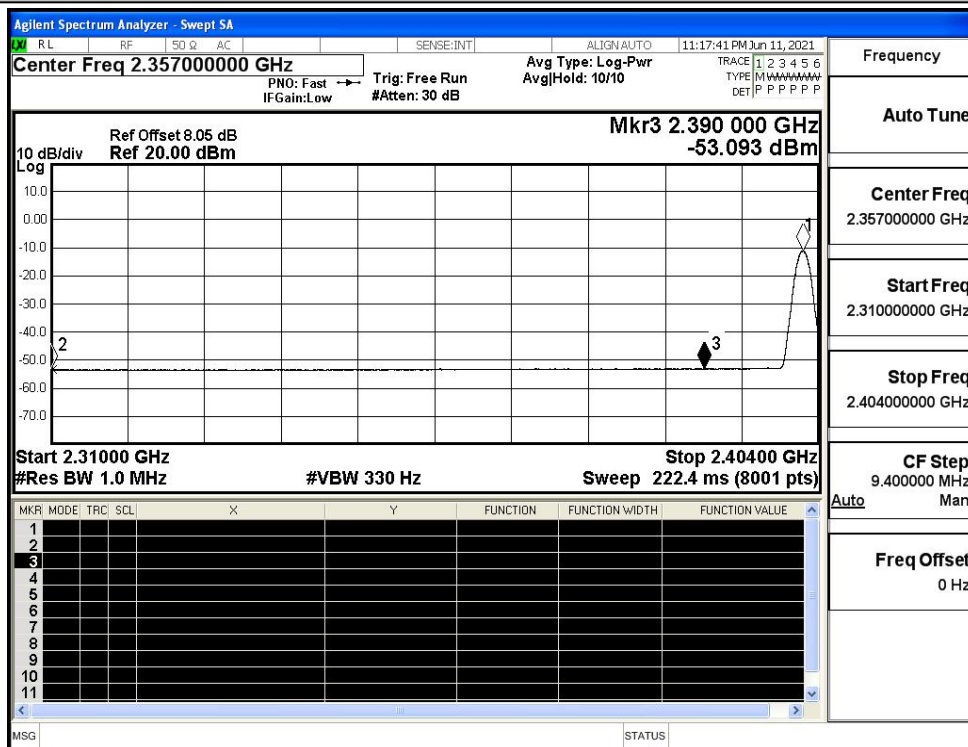
B.7 Restrict-band band-edge measurements

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	-42.75	2.0	0	54.48	PEAK	74	PASS
		Ant1	2310.0	-53.47	2.0	0	43.76	AV	54	PASS
		Ant1	2390.0	-43.41	2.0	0	53.82	PEAK	74	PASS
		Ant1	2390.0	-53.09	2.0	0	44.14	AV	54	PASS
	2480	Ant1	2483.5	-41.31	2.0	0	55.92	PEAK	74	PASS
		Ant1	2483.5	-52.56	2.0	0	44.67	AV	54	PASS
		Ant1	2500.0	-42.22	2.0	0	55.01	PEAK	74	PASS
		Ant1	2500.0	-52.51	2.0	0	44.72	AV	54	PASS

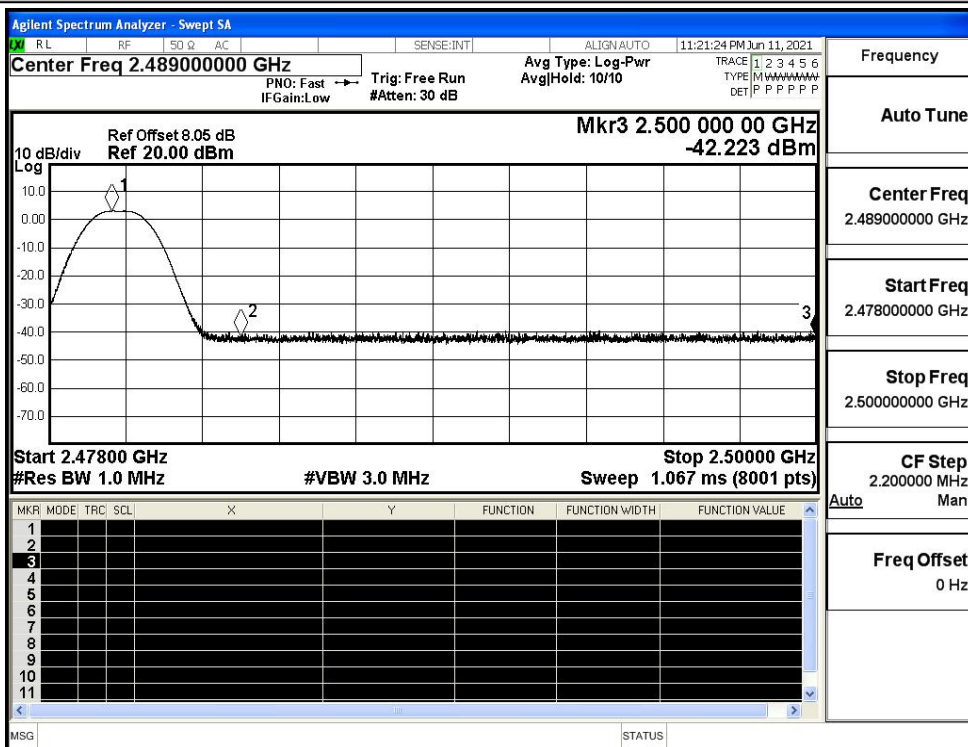
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

