

Appendix B

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

Product Name: Mobile Radio

Trade Mark: ANYSECU

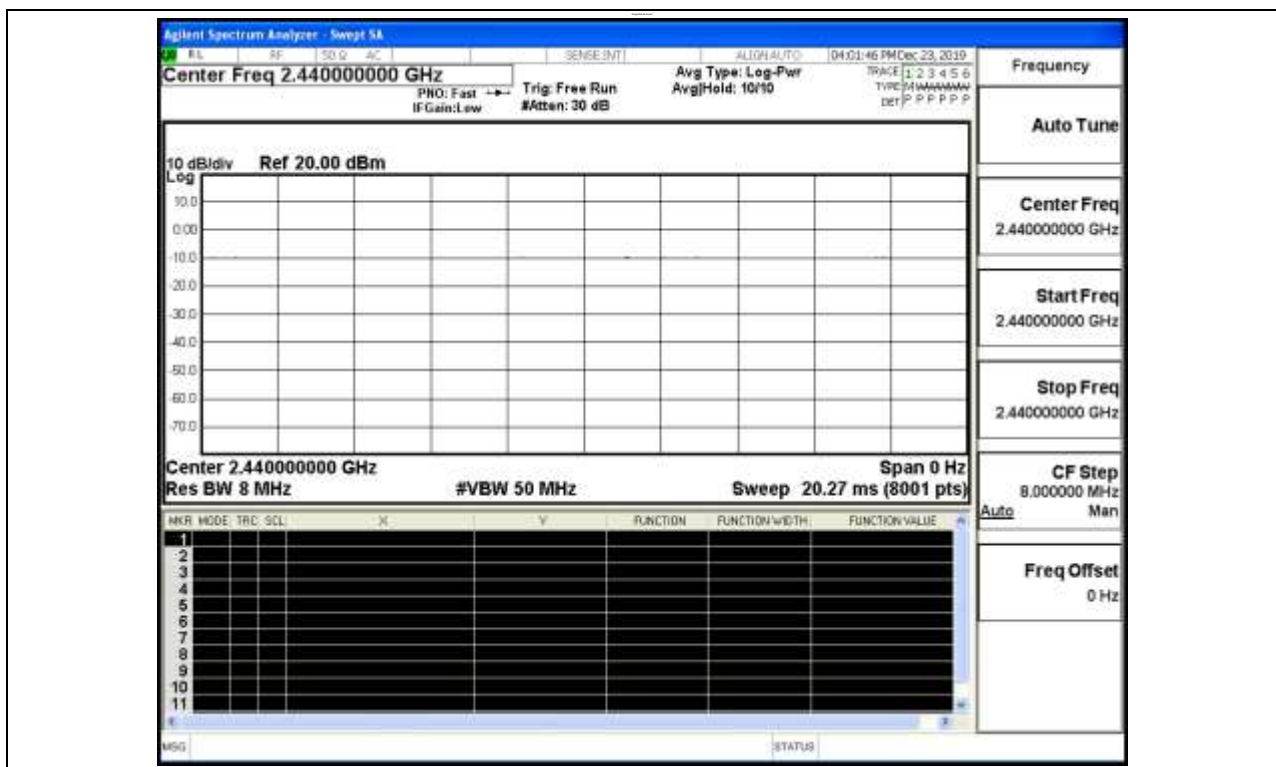
Test Model: W2PLUS

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

B.1 Duty Cycle

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

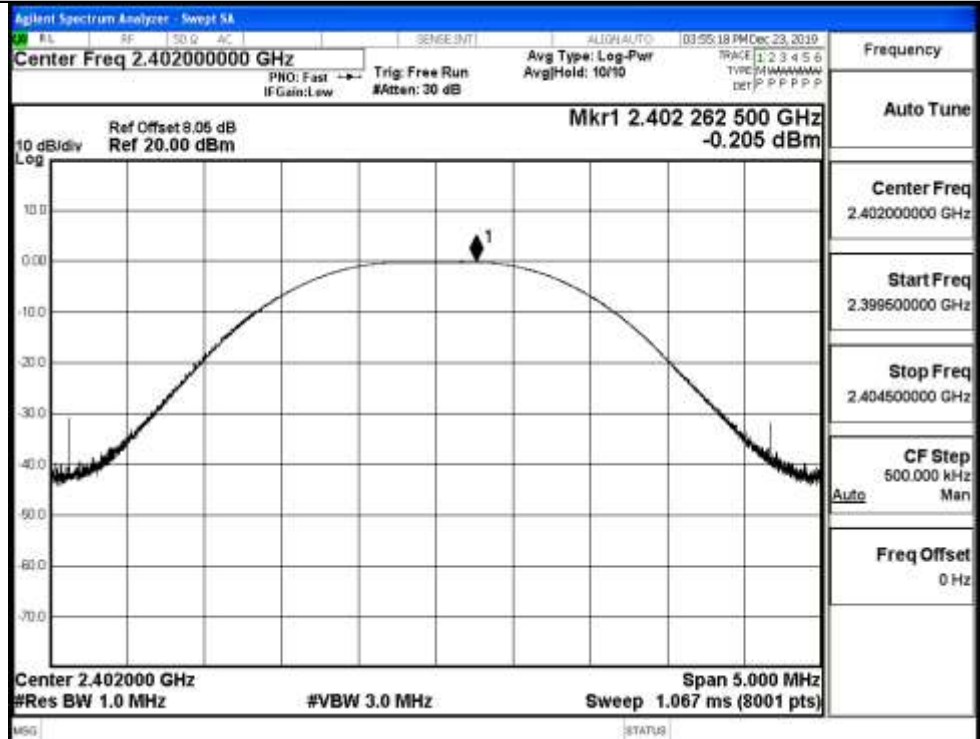


B.2 Maximum Conducted Peak Output Power

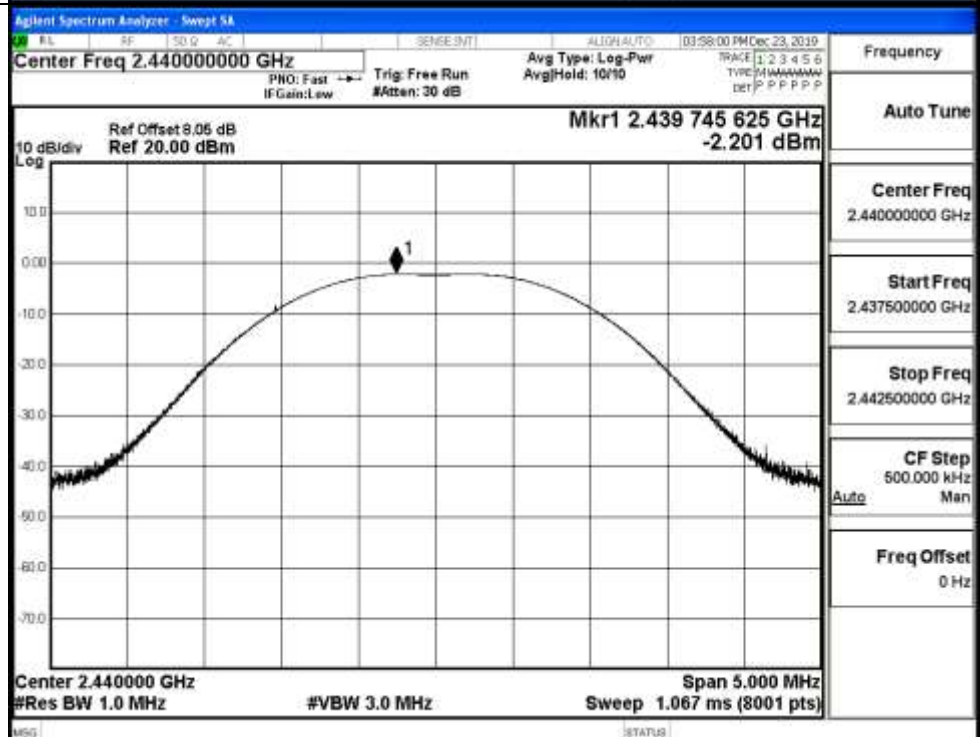
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.205	30	PASS
BT LE	MCH	-2.201	30	PASS
BT LE	HCH	-0.894	30	PASS

Test Graphs

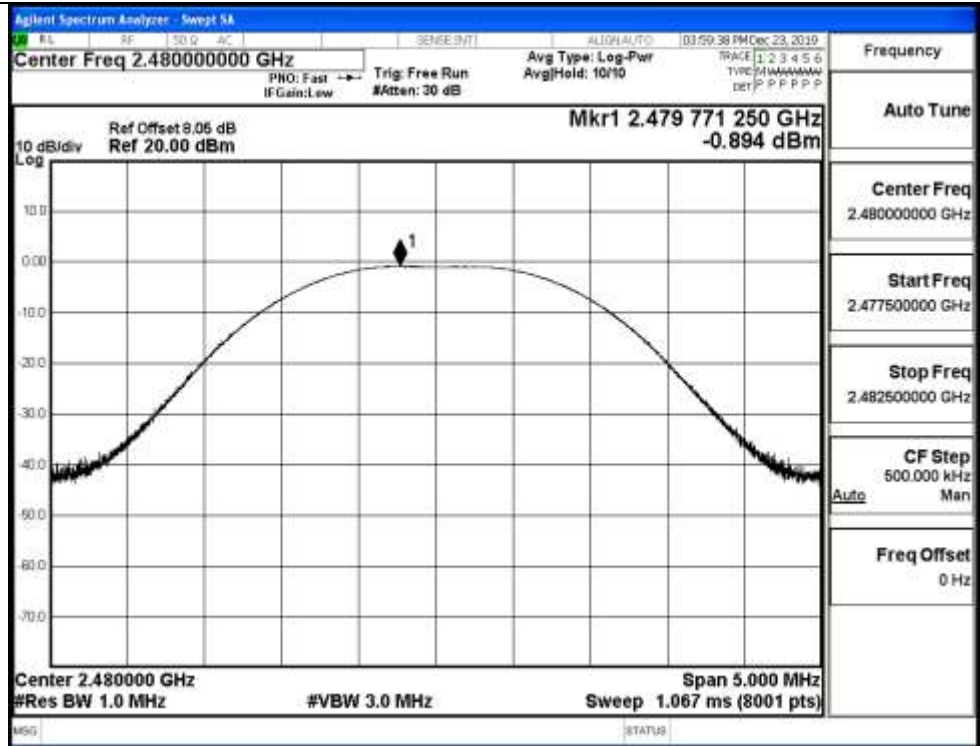
LCH



MCH



HCH

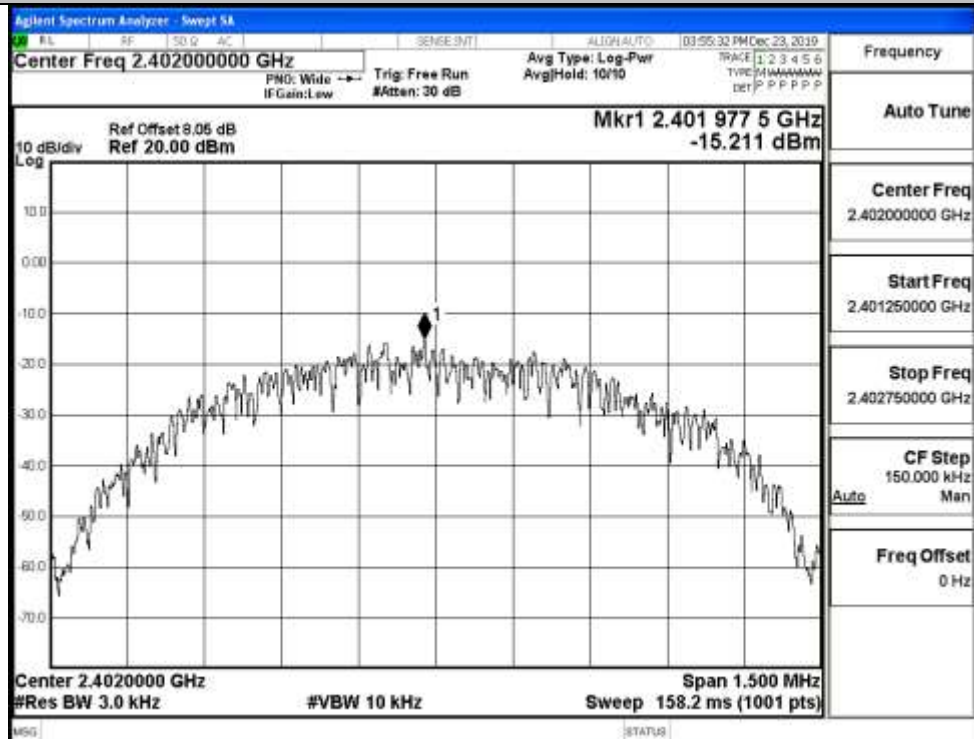


B.3 Maximum Power Spectral Density

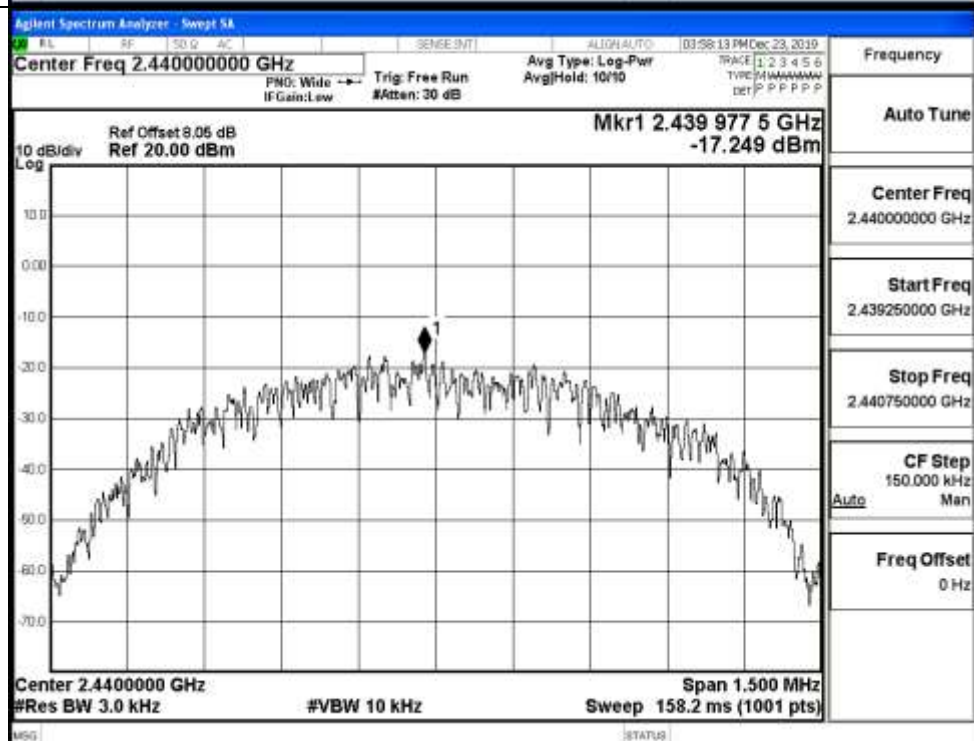
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-15.211	8	PASS
BT LE	MCH	-17.249	8	PASS
BT LE	HCH	-15.941	8	PASS

Test Graphs

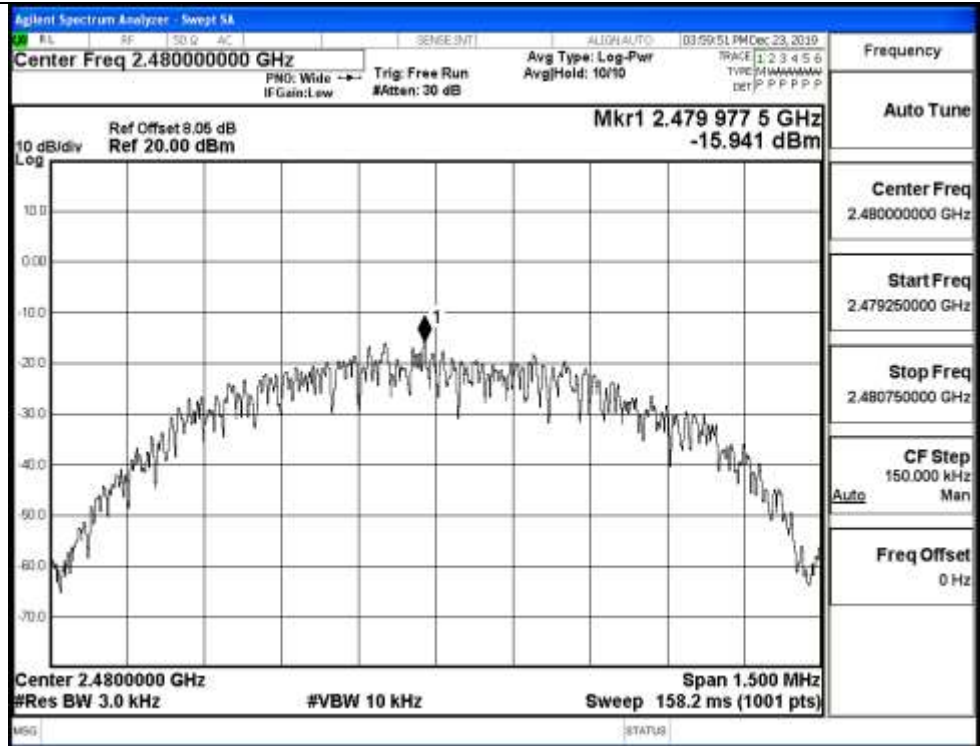
LCH



MCH



HCH

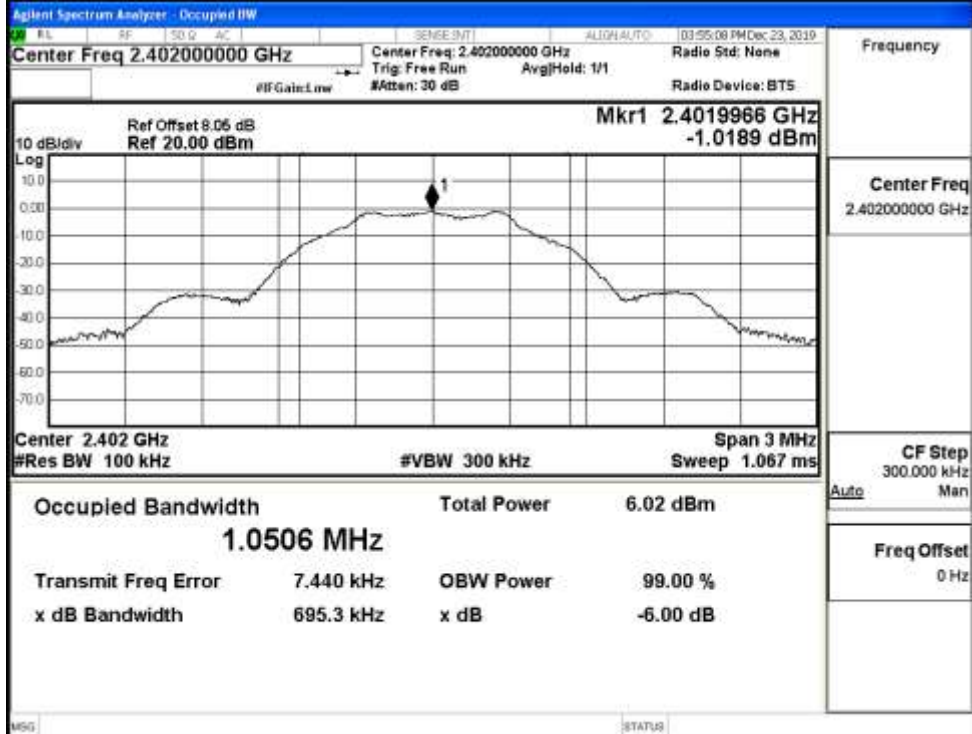


B.4 6dB Bandwidth

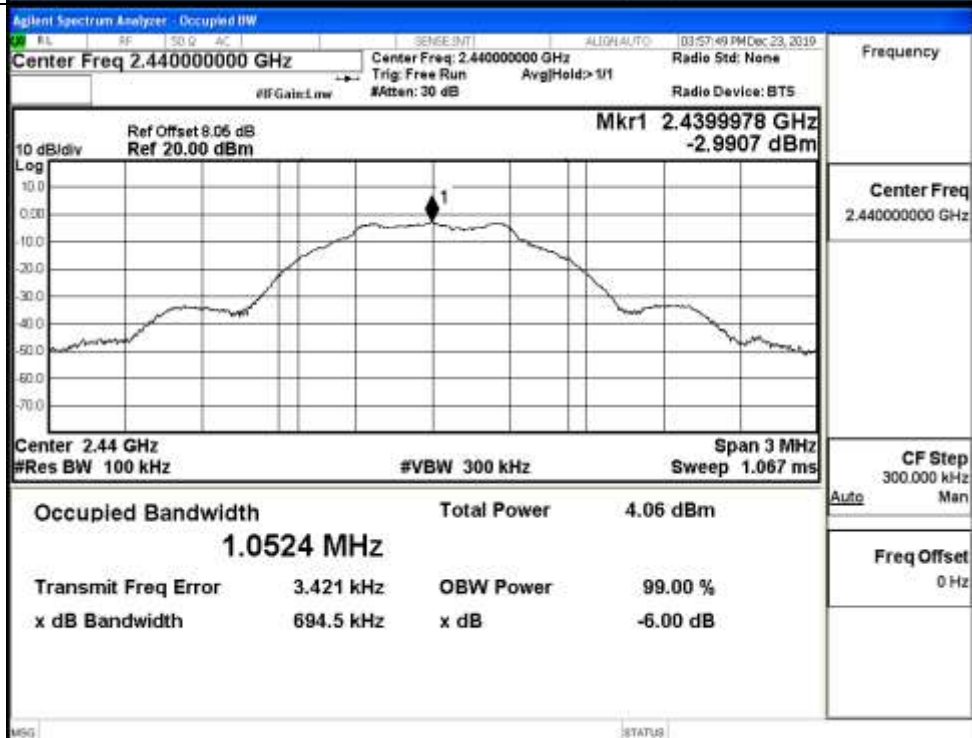
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6953	≥ 0.5	PASS
BT LE	MCH	0.6945	≥ 0.5	PASS
BT LE	HCH	0.7001	≥ 0.5	PASS

Test Graphs

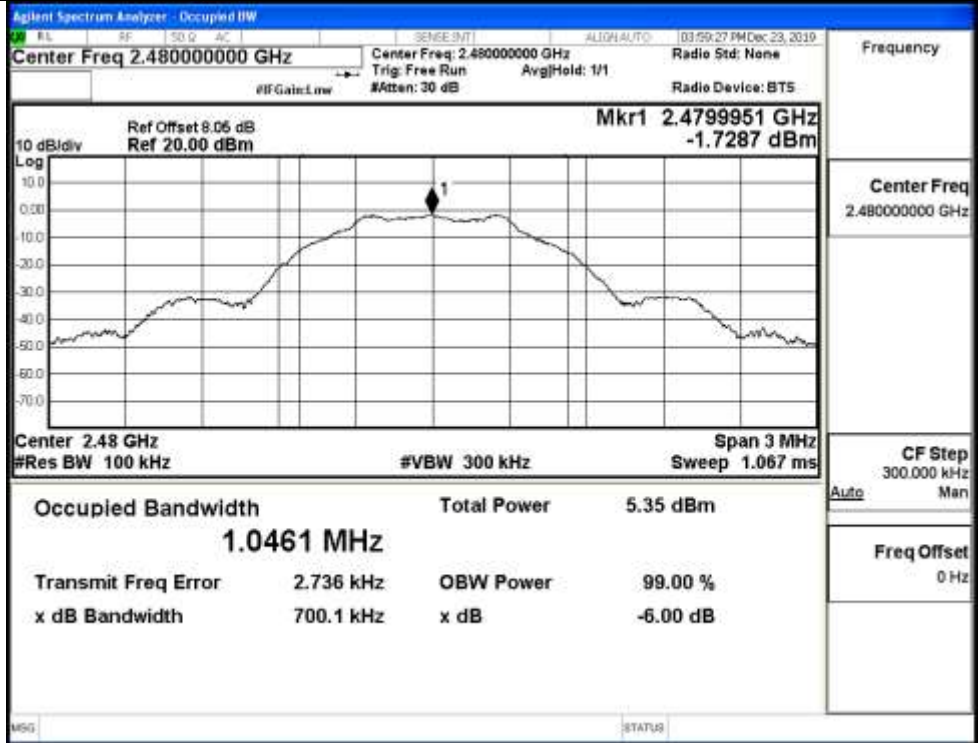
LCH



MCH



HCH

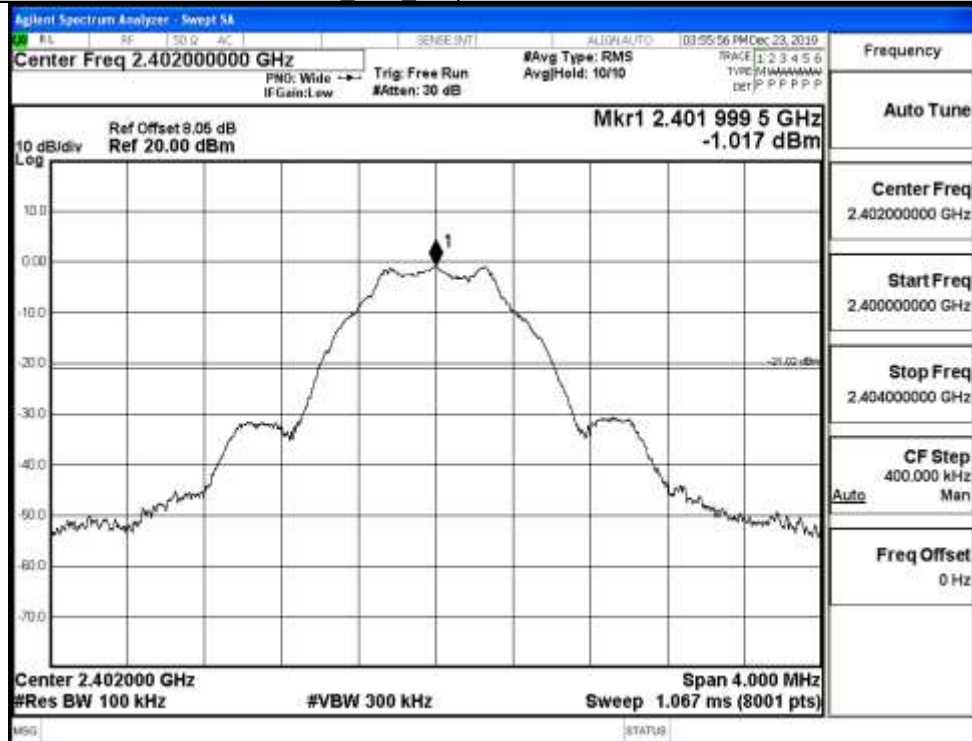


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.017	-36.450	-21.017	PASS
BT LE	MCH	-3.008	-36.655	-23.008	PASS
BT LE	HCH	-1.769	-35.335	-21.769	PASS

BT LE LCH Graphs

Pref/BT LE/LCH



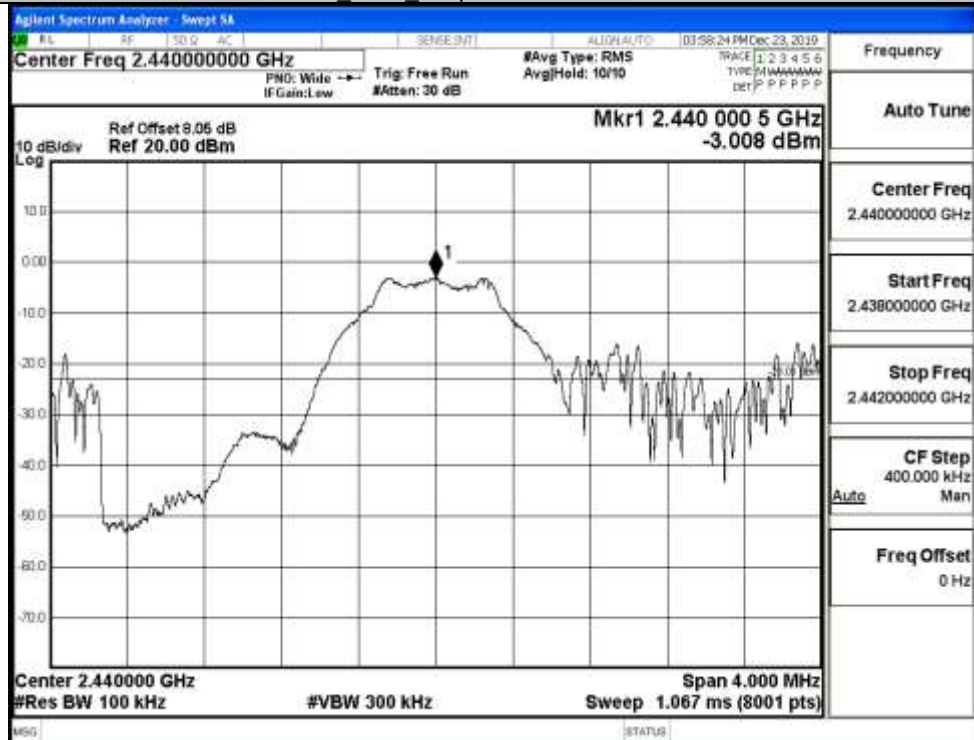
Puw/BT LE/LCH



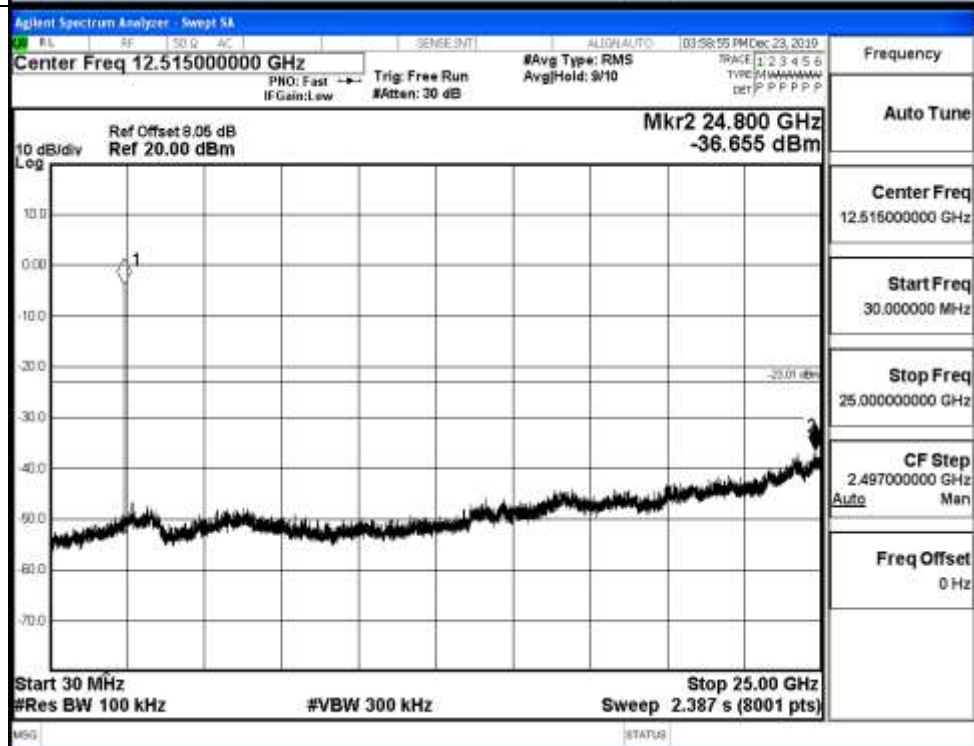
--	--

BT LE MCH Graphs

Pref/BT LE/MCH

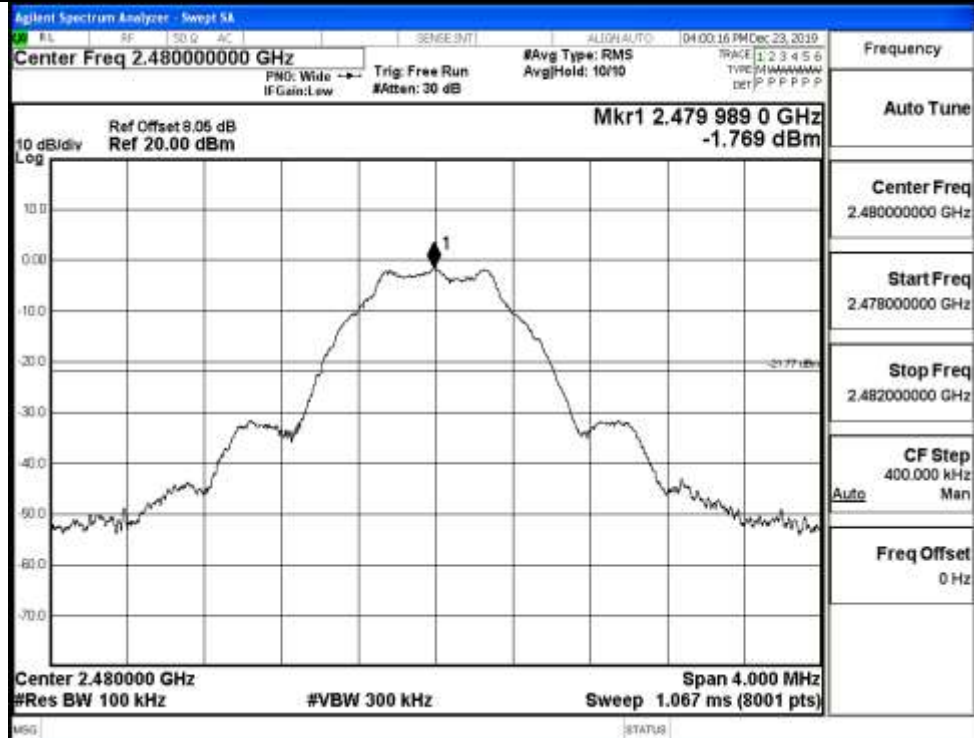


Puw/BT LE/MCH

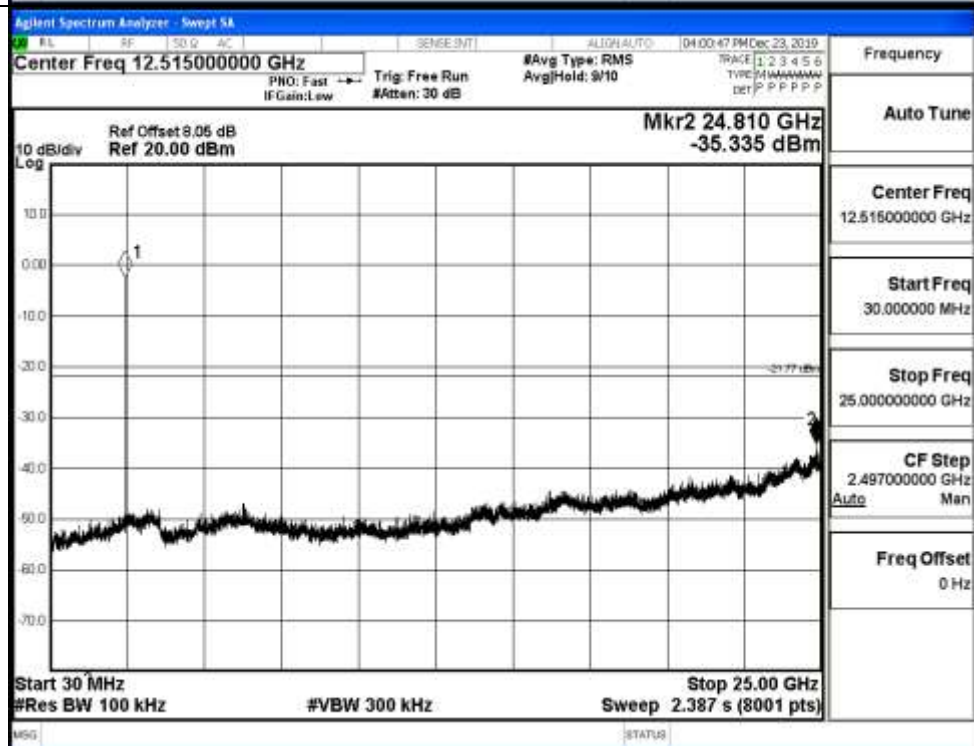


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

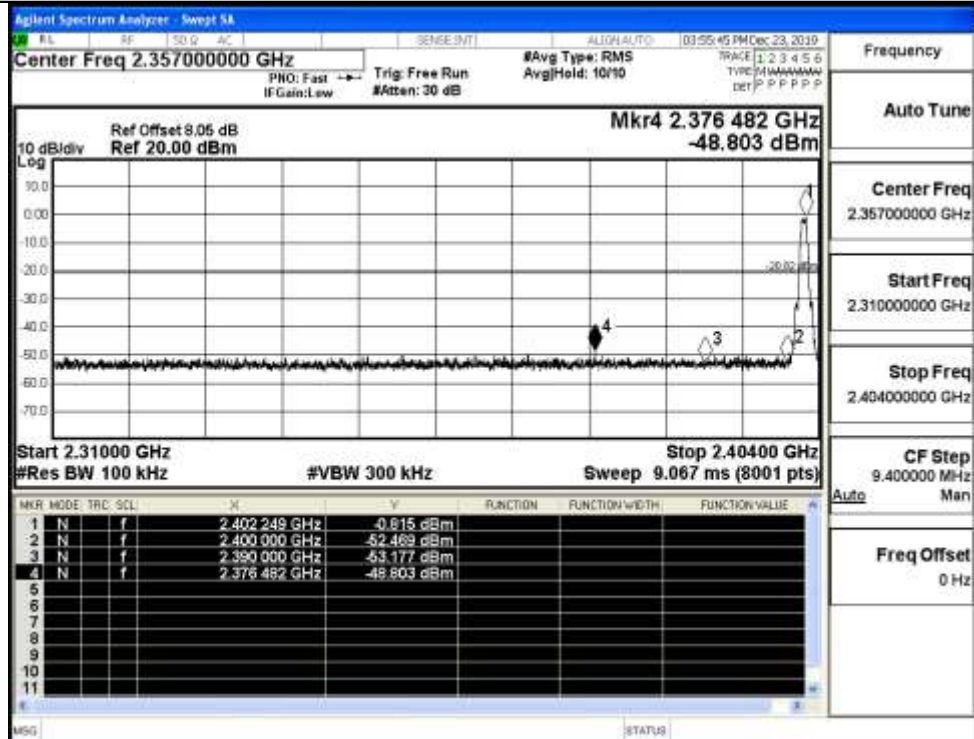


B.6 Band-edge for RF Conducted Emissions

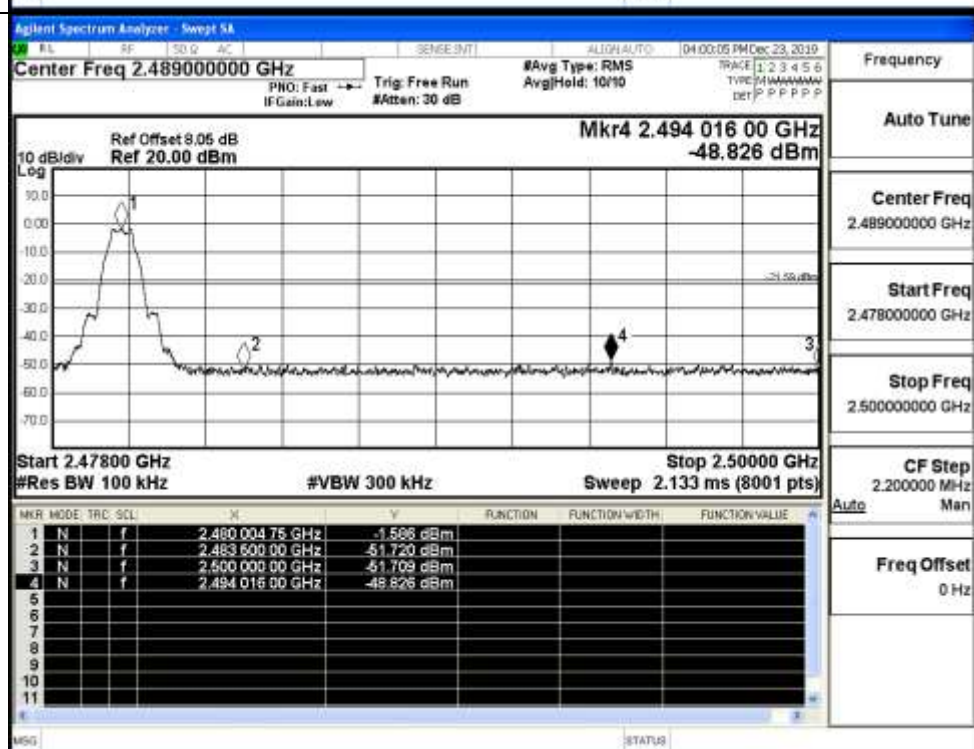
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.815	-48.803	-20.82	PASS
BT LE	HCH	-1.586	-48.826	-21.59	PASS

Test Graphs

LCH



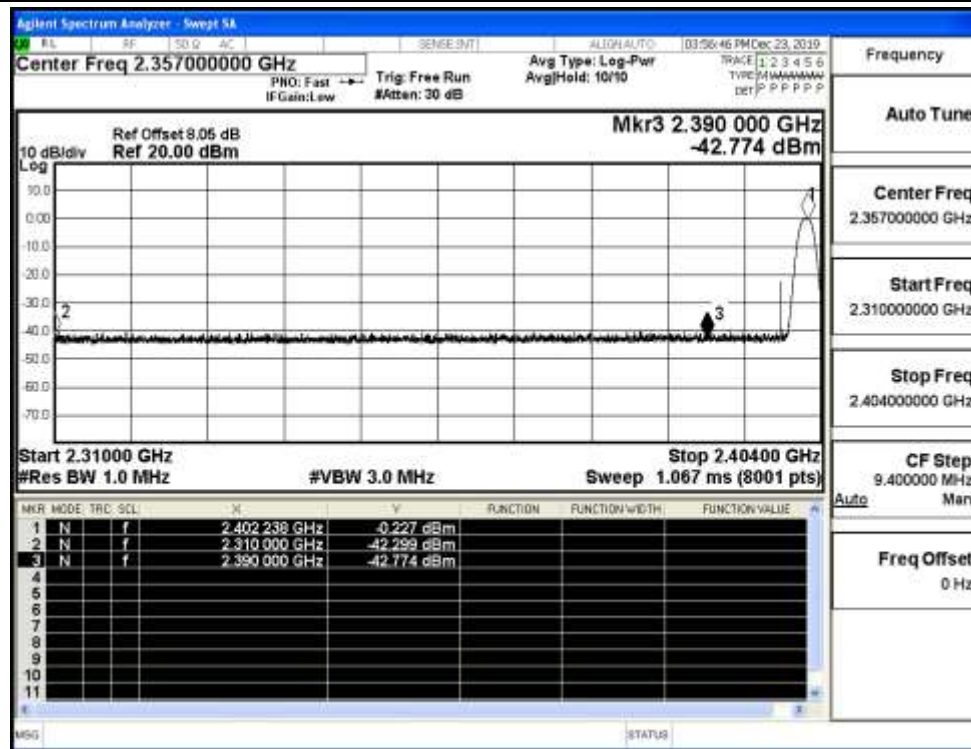
HCH



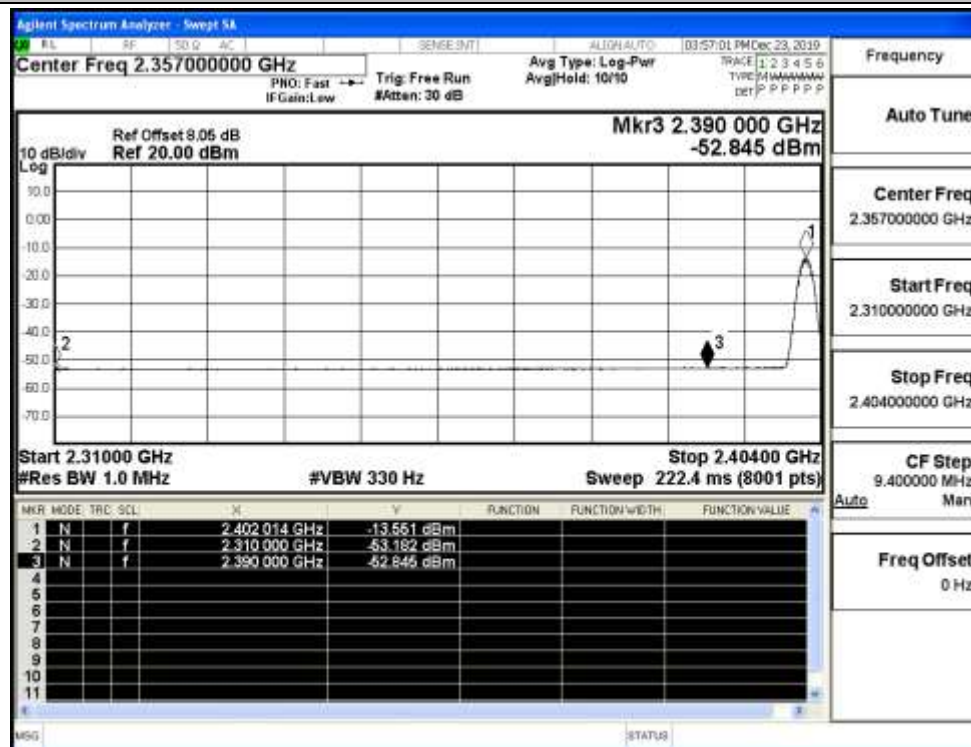
B.7 Restrict-band band-edge measurements

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	-42.30	2.0	0	54.96	PEAK	74	PASS
		Ant1	2310.0	-53.18	2.0	0	44.08	AV	54	PASS
		Ant1	2390.0	-42.77	2.0	0	54.48	PEAK	74	PASS
		Ant1	2390.0	-52.85	2.0	0	44.41	AV	54	PASS
	2480	Ant1	2483.5	-42.30	2.0	0	54.96	PEAK	74	PASS
		Ant1	2483.5	-52.42	2.0	0	44.84	AV	54	PASS
		Ant1	2500.0	-43.21	2.0	0	54.04	PEAK	74	PASS
		Ant1	2500.0	-52.32	2.0	0	44.94	AV	54	PASS

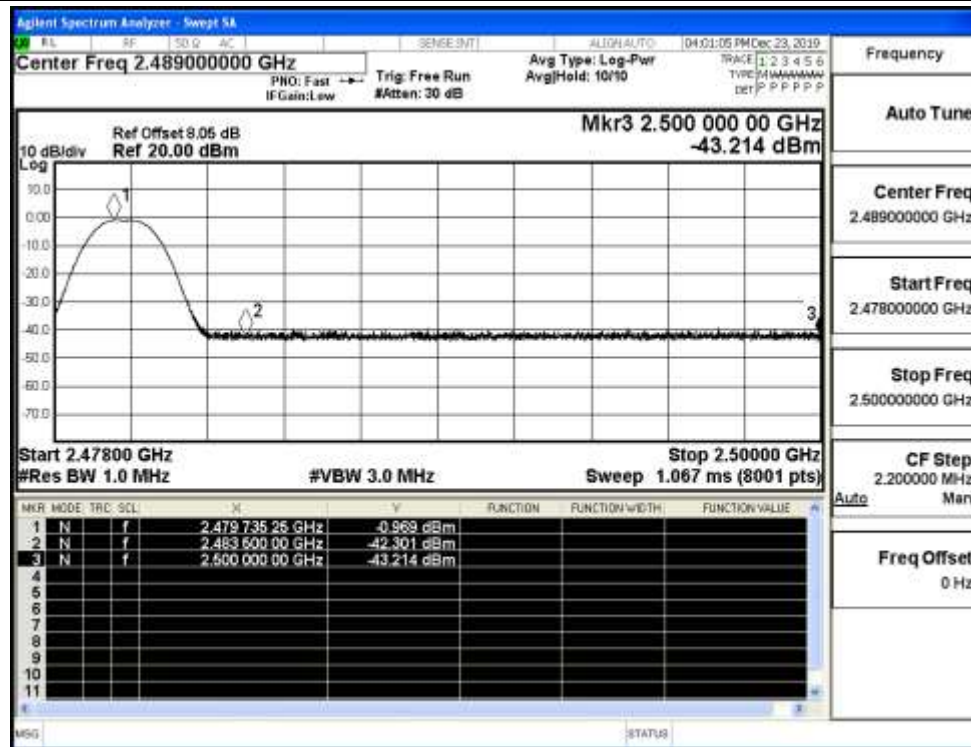
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



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

