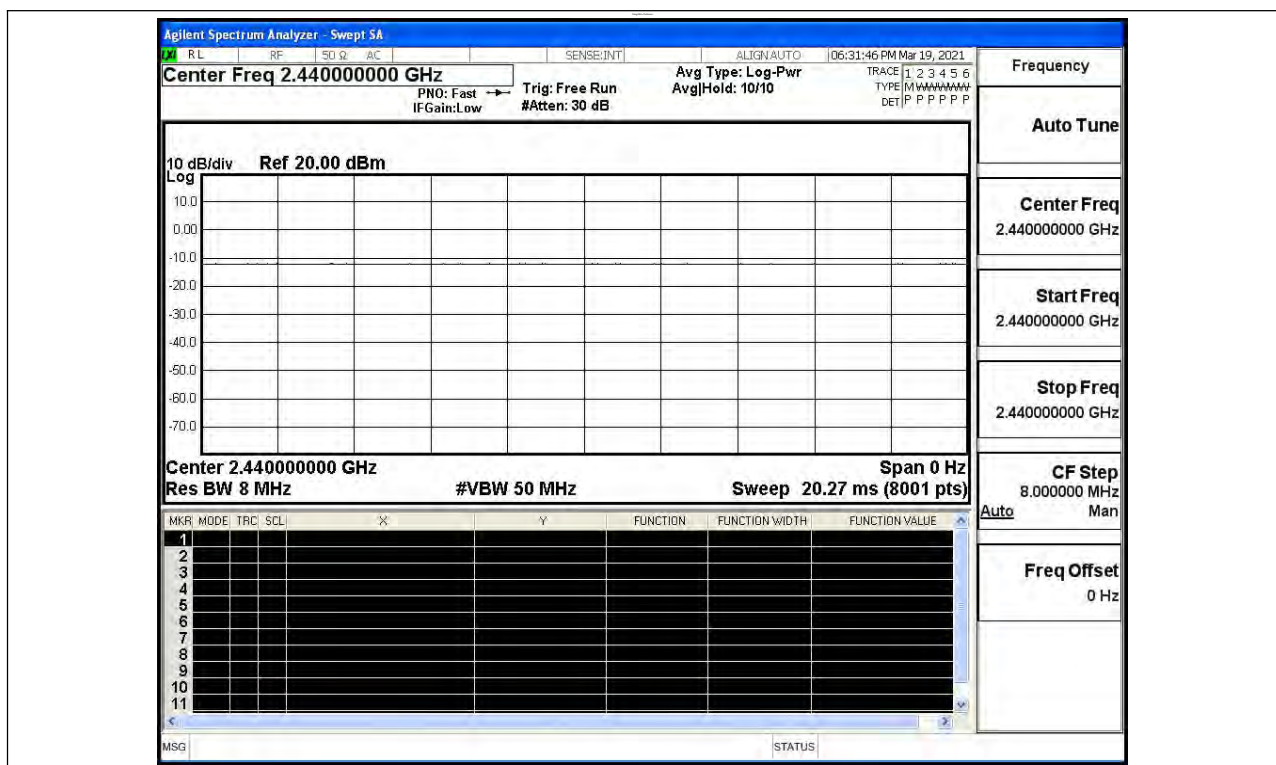


Test Model: HA8819

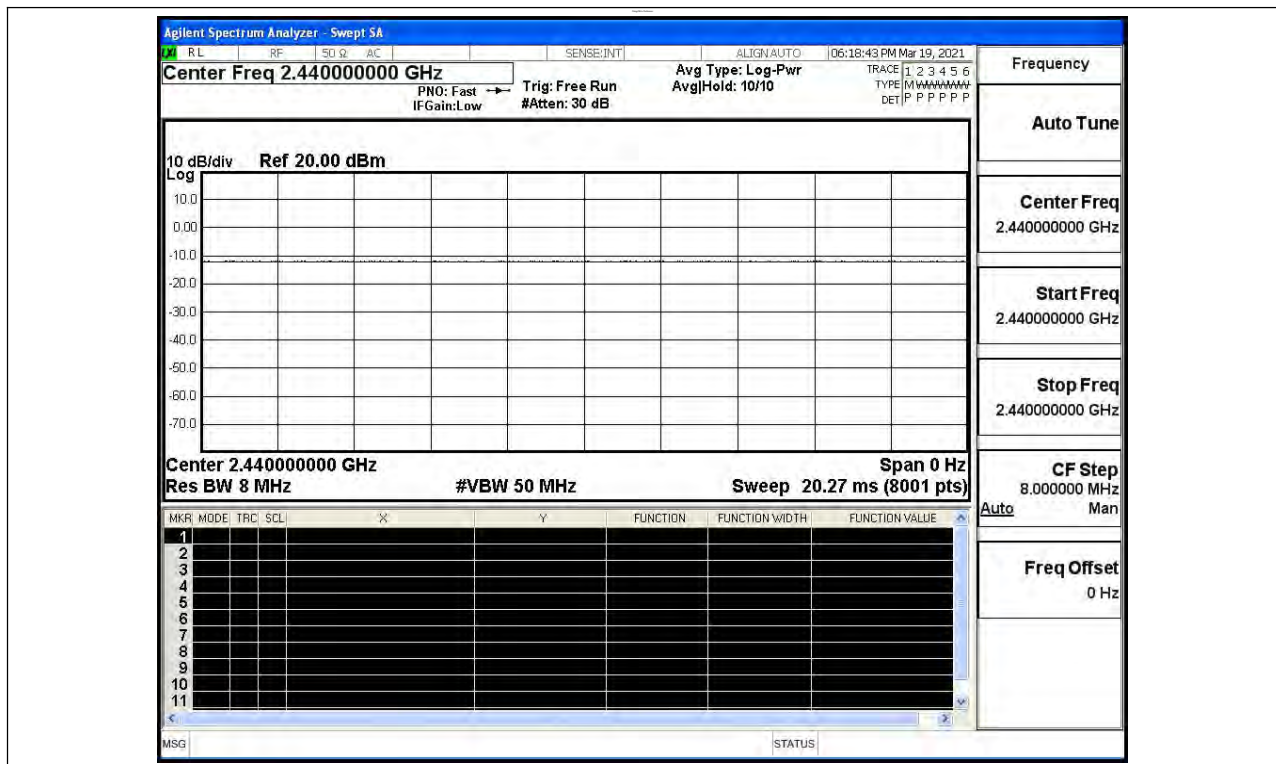
Temperature:	22° C
Relative Humidity:	53%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

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



BT 2LE

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT 2LE	2440	Ant1	100	PASS



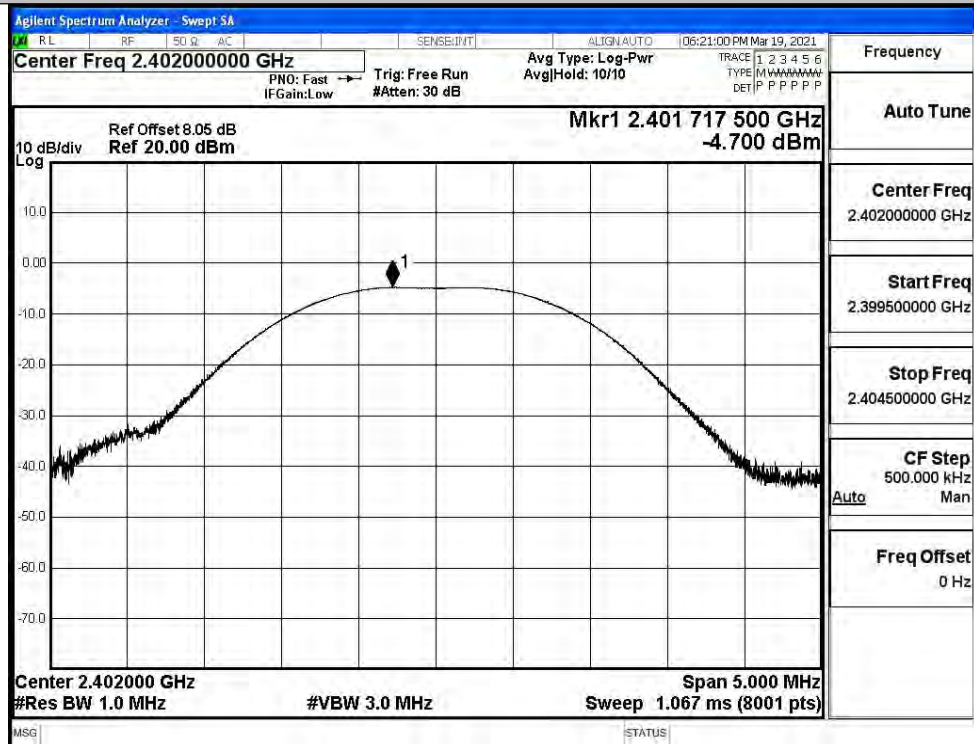
B.2 Maximum Conducted Peak Output Power

BT LE

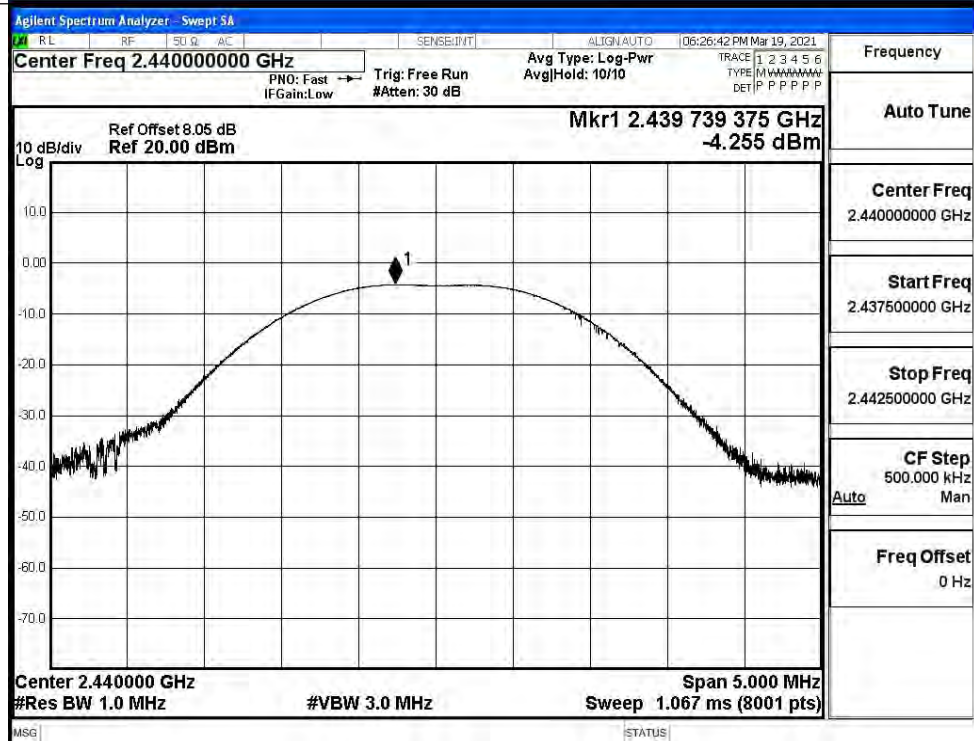
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.700	30	PASS
BT LE	MCH	-4.255	30	PASS
BT LE	HCH	-4.226	30	PASS

Test Graphs

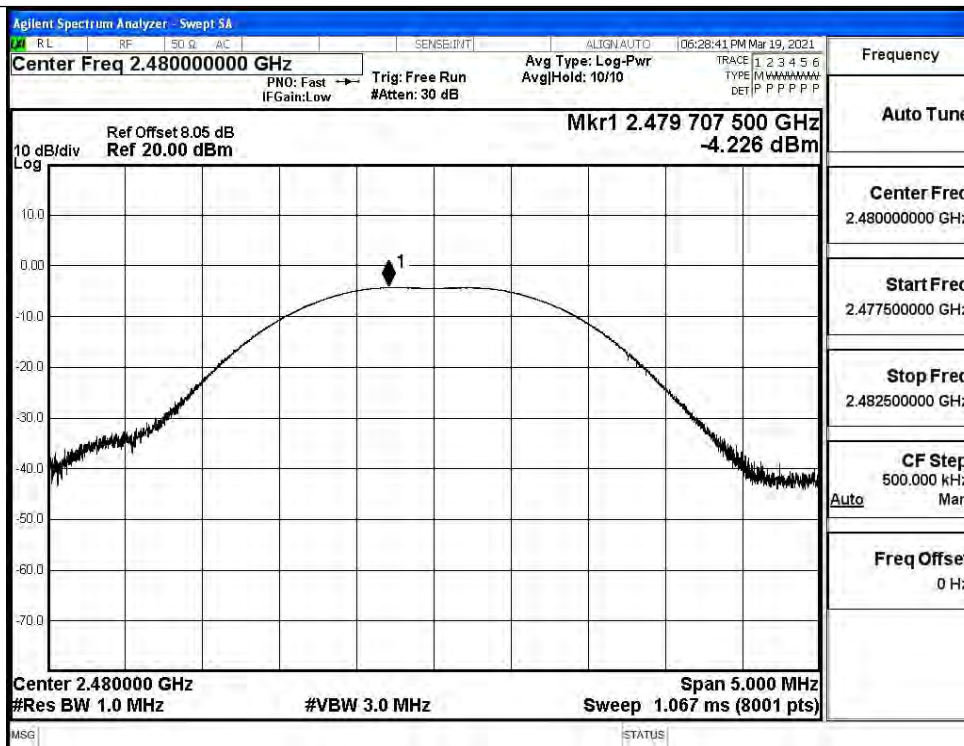
LCH



MCH



HCH

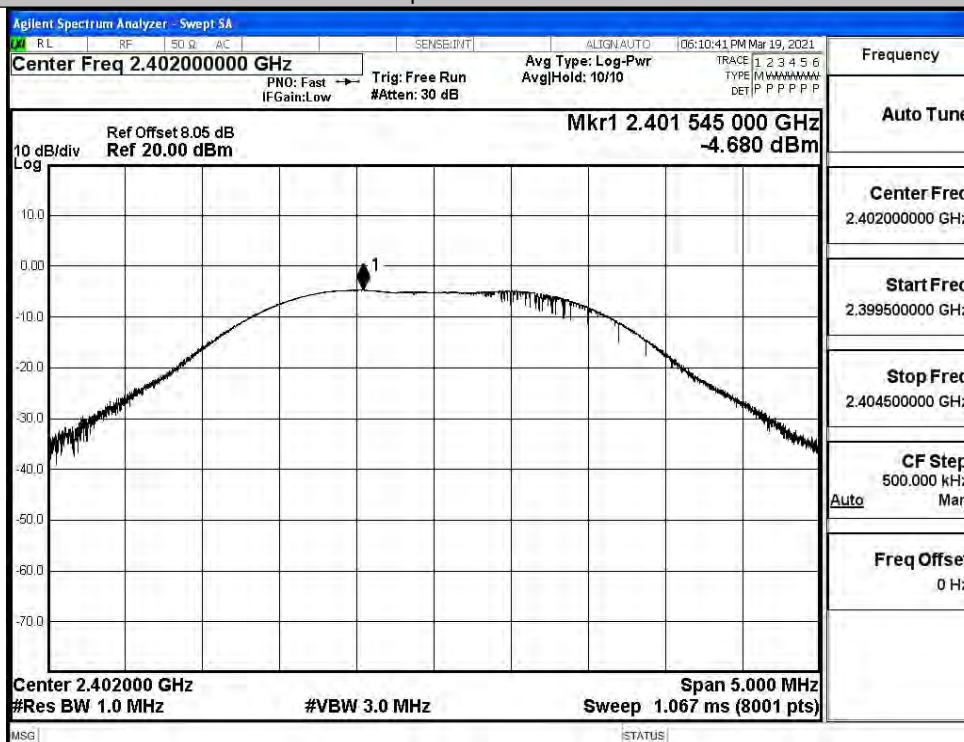


BT 2LE

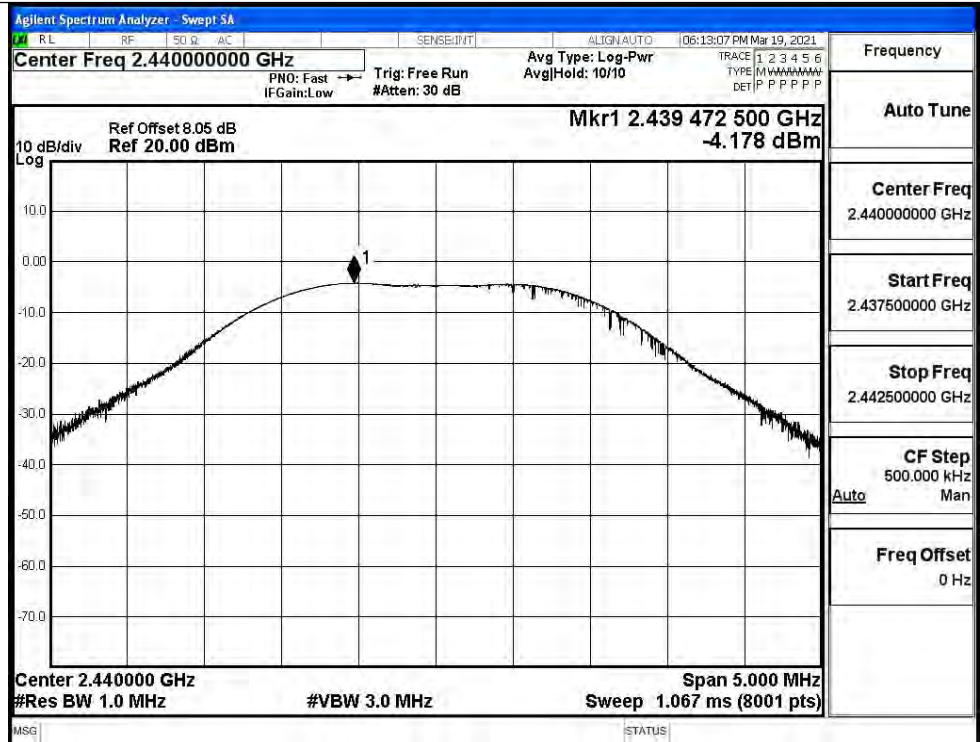
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT 2LE	LCH	-4.680	30	PASS
BT 2LE	MCH	-4.178	30	PASS
BT 2LE	HCH	-4.201	30	PASS

Test Graphs

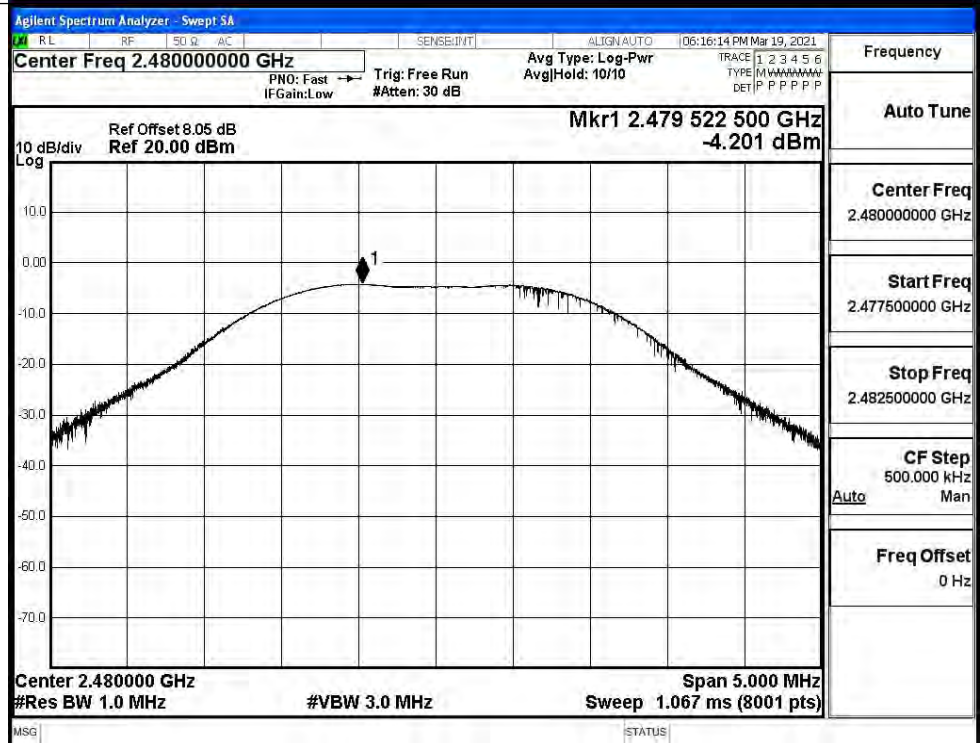
LCH



MCH



HCH



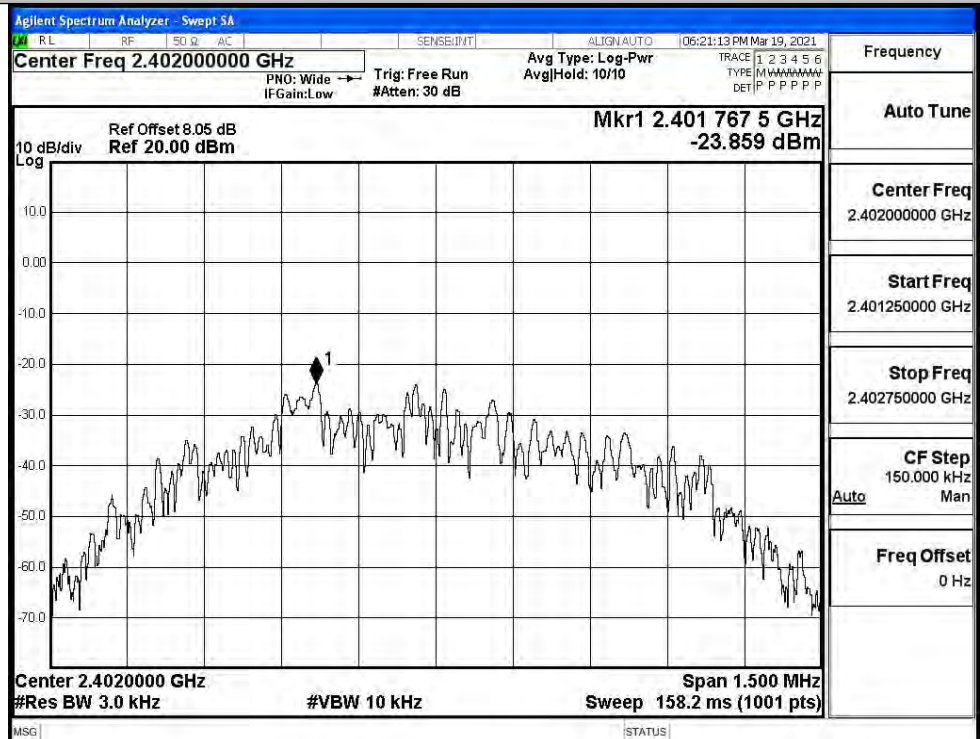
B.3 Maximum Power Spectral Density

BT LE

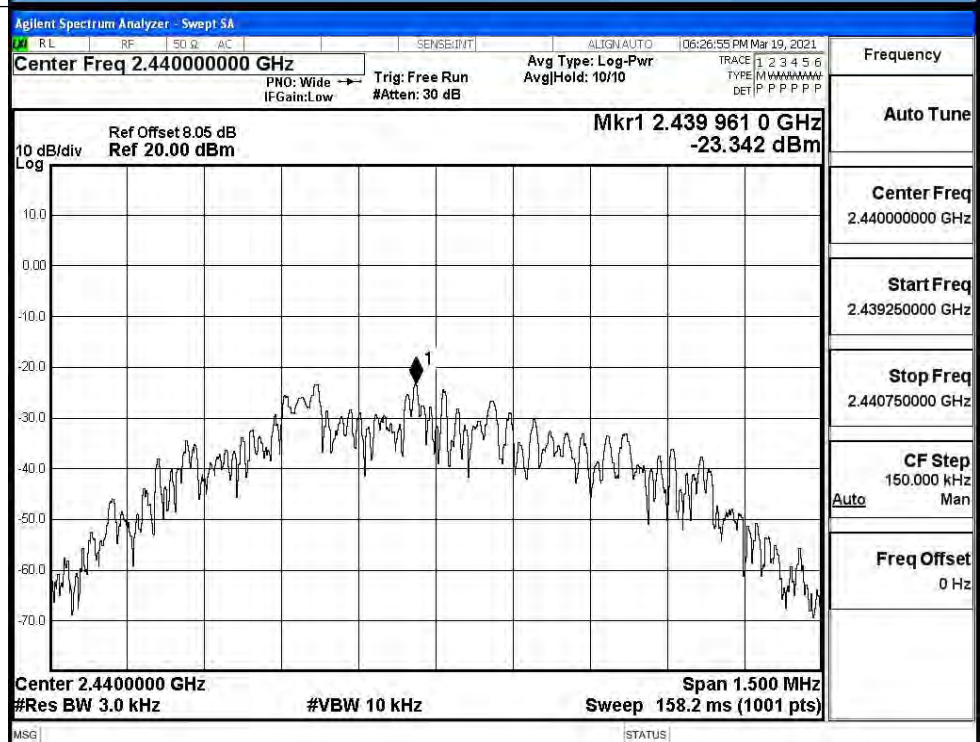
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-23.859	8	PASS
BT LE	MCH	-23.342	8	PASS
BT LE	HCH	-23.387	8	PASS

Test Graphs

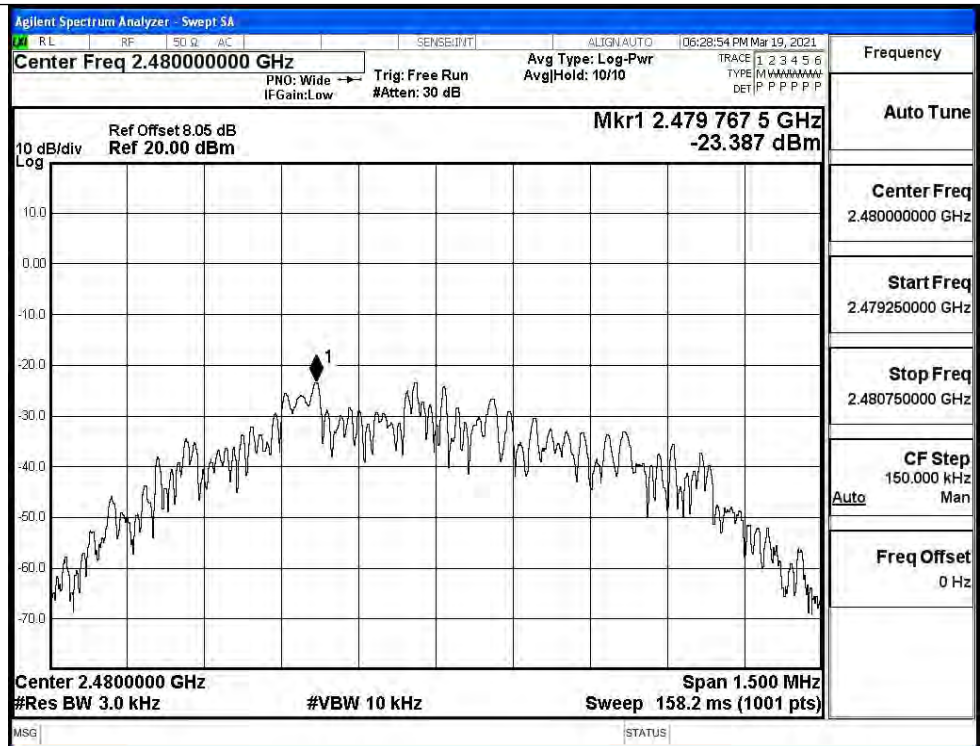
LCH



MCH



HCH

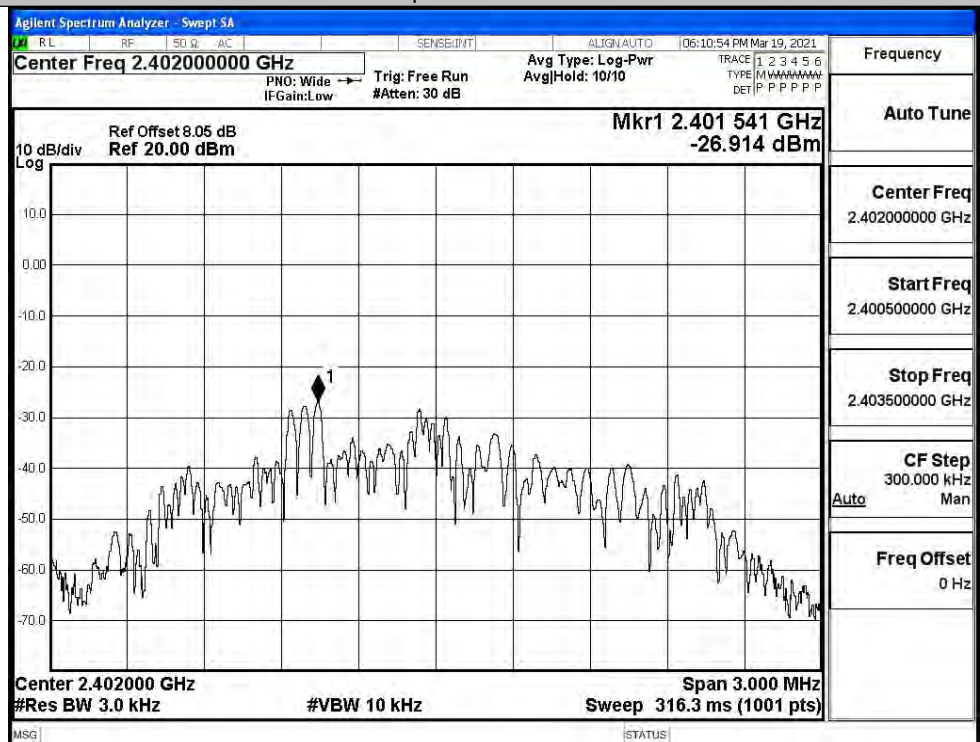


BT 2LE

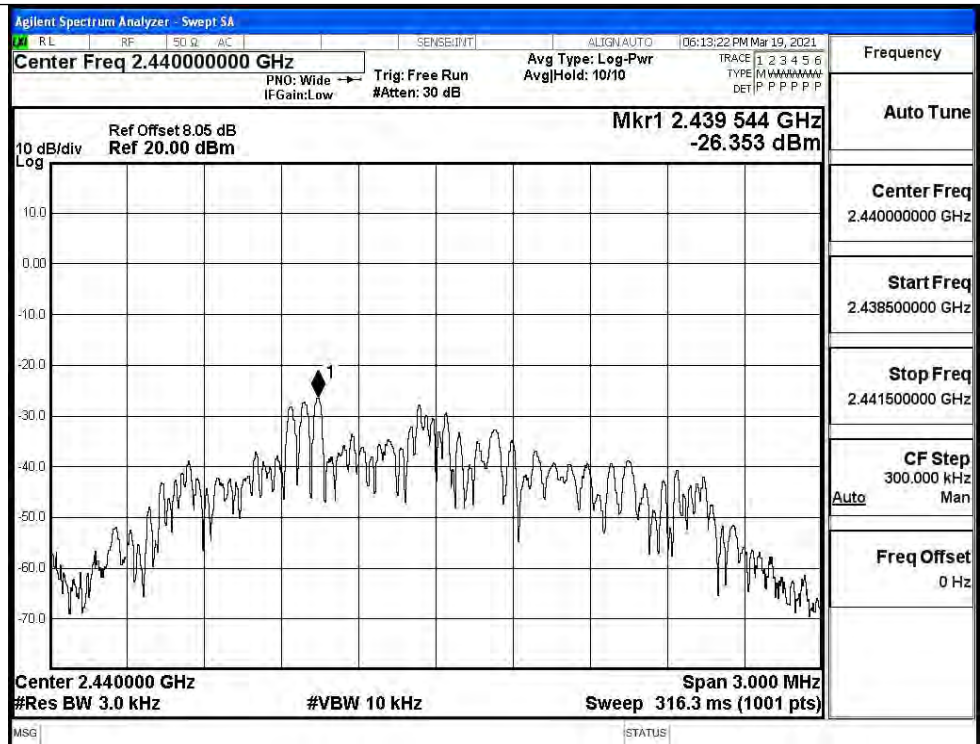
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT 2LE	LCH	-26.914	8	PASS
BT 2LE	MCH	-26.353	8	PASS
BT 2LE	HCH	-26.385	8	PASS

Test Graphs

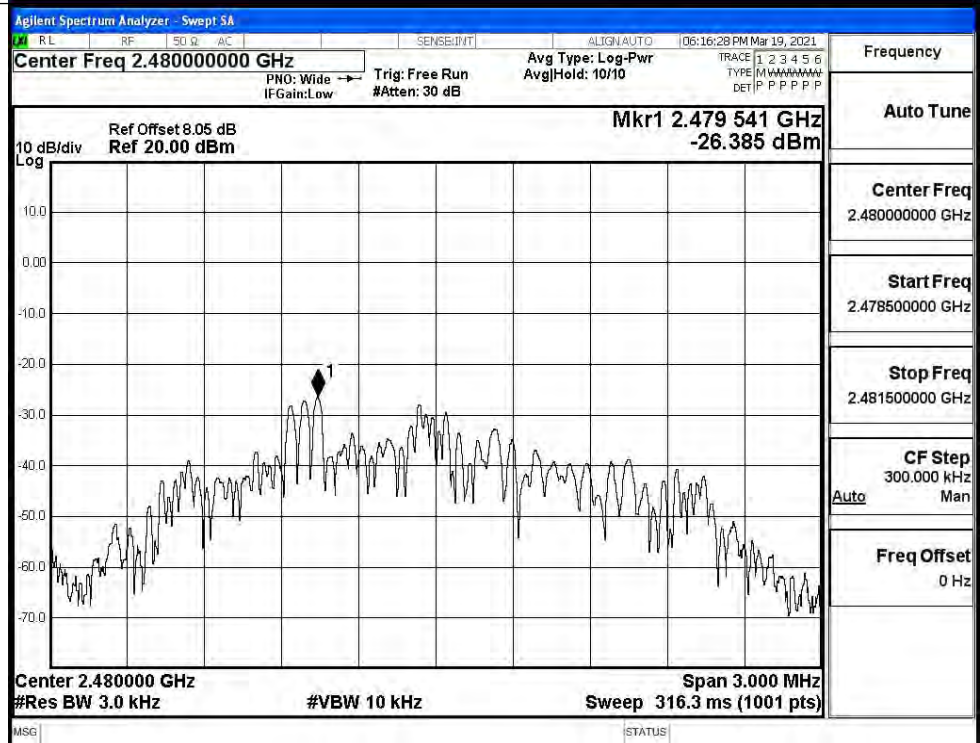
LCH



MCH



HCH



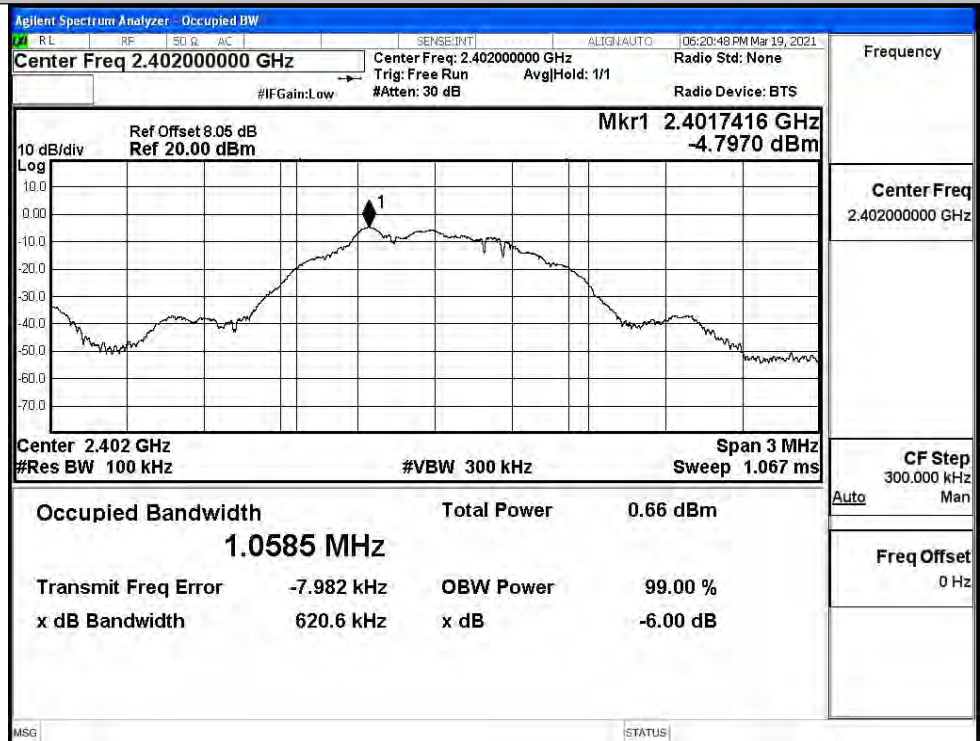
B.4 6dB Bandwidth

BT LE

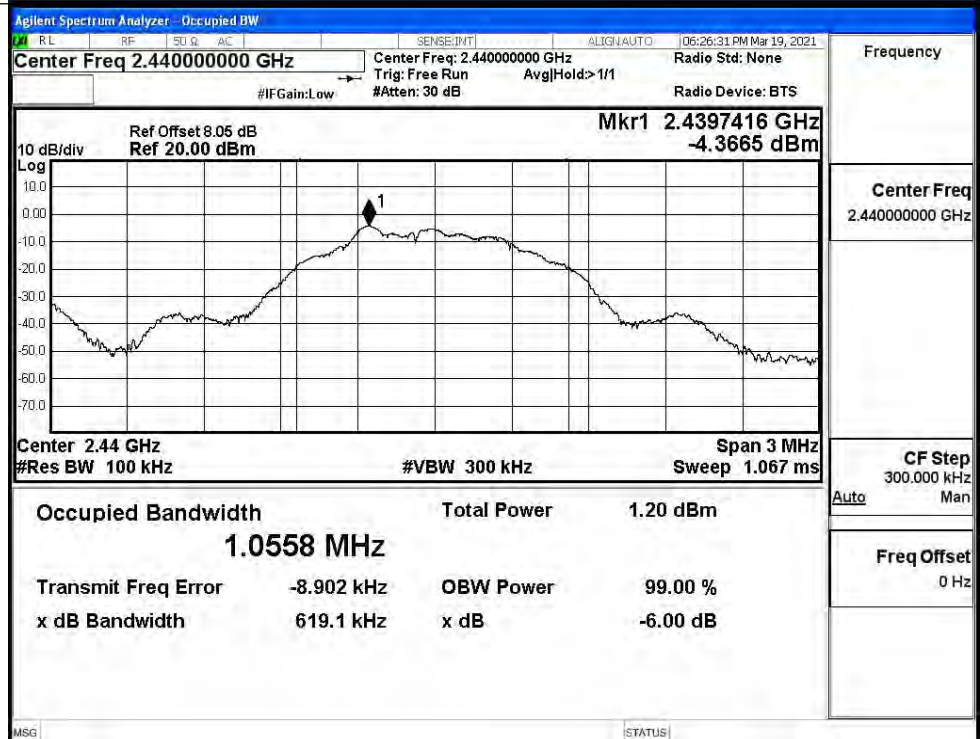
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6206	≥ 0.5	PASS
BT LE	MCH	0.6191	≥ 0.5	PASS
BT LE	HCH	0.6191	≥ 0.5	PASS

Test Graphs

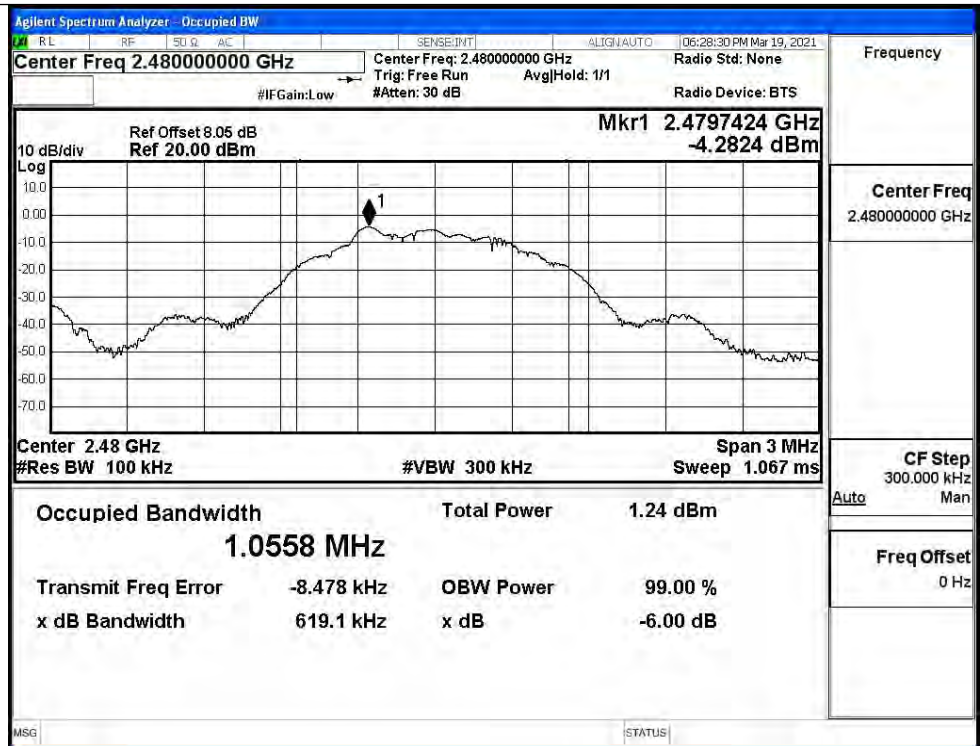
LCH



MCH



HCH

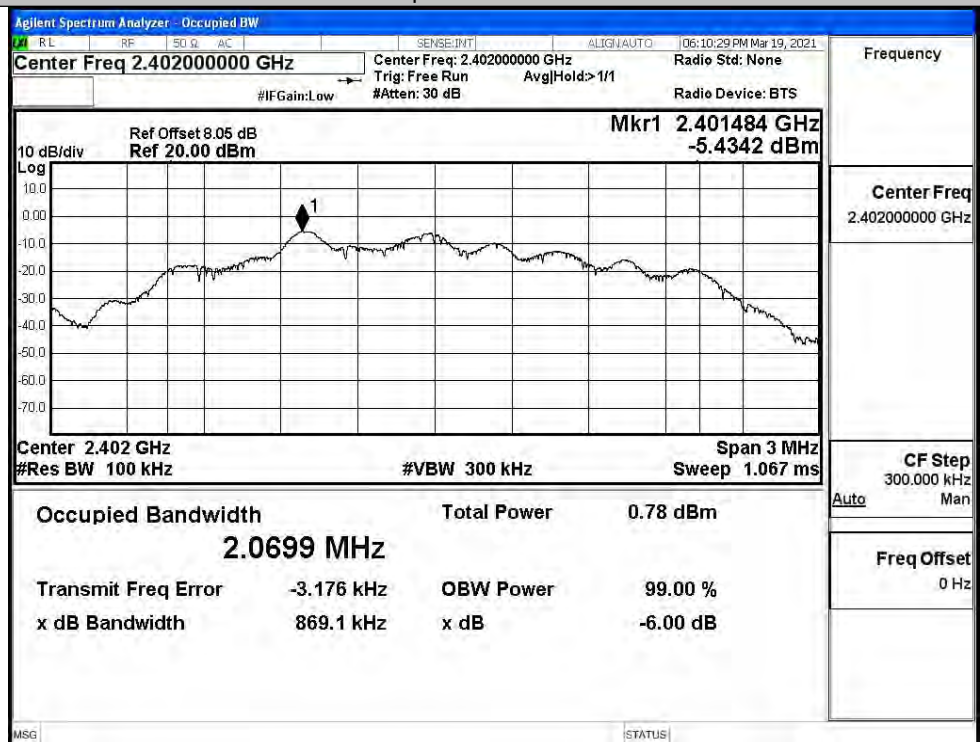


BT 2LE

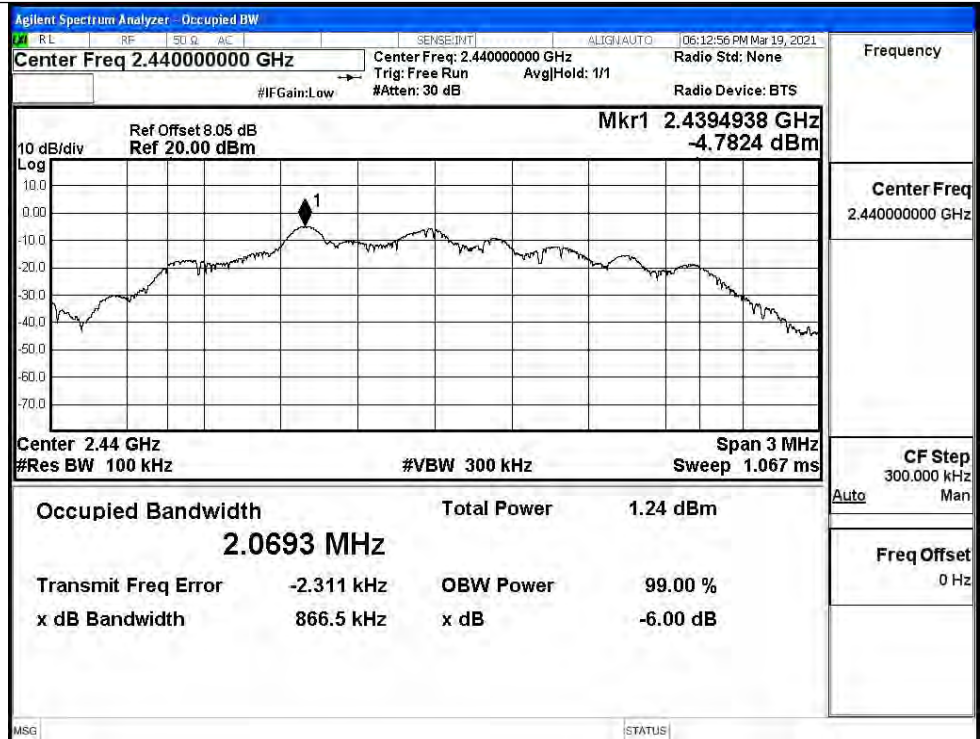
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT 2LE	LCH	0.8691	≥ 0.5	PASS
BT 2LE	MCH	0.8665	≥ 0.5	PASS
BT 2LE	HCH	0.8620	≥ 0.5	PASS

Test Graphs

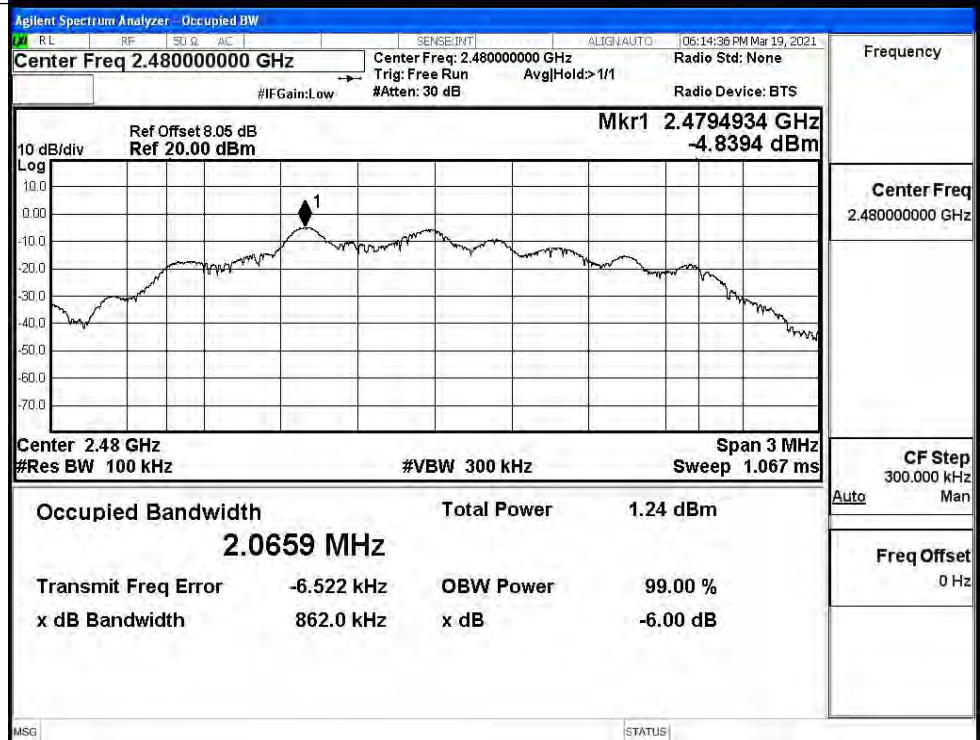
LCH



MCH



HCH

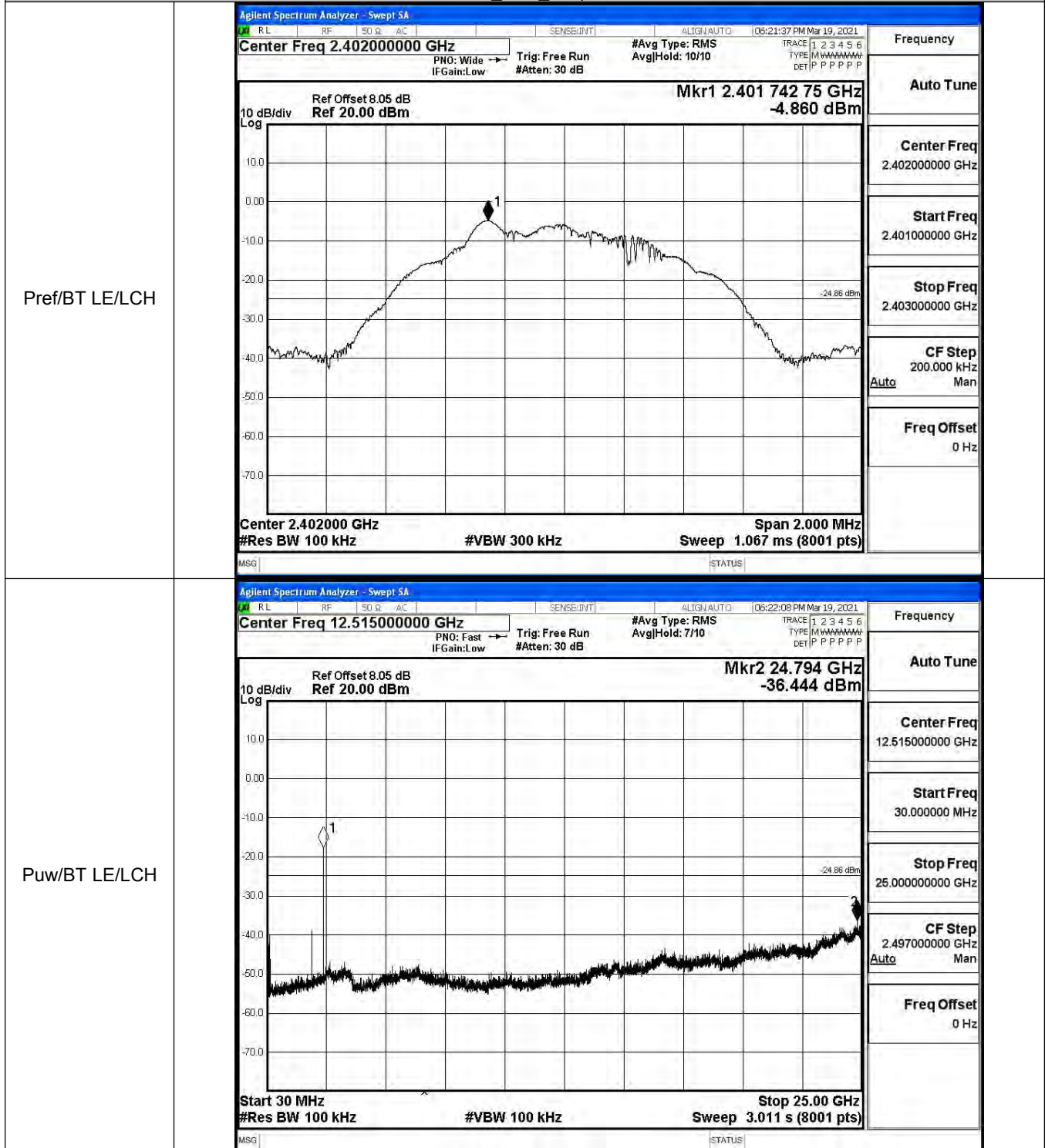


B.5 RF Conducted Spurious Emissions

BT LE

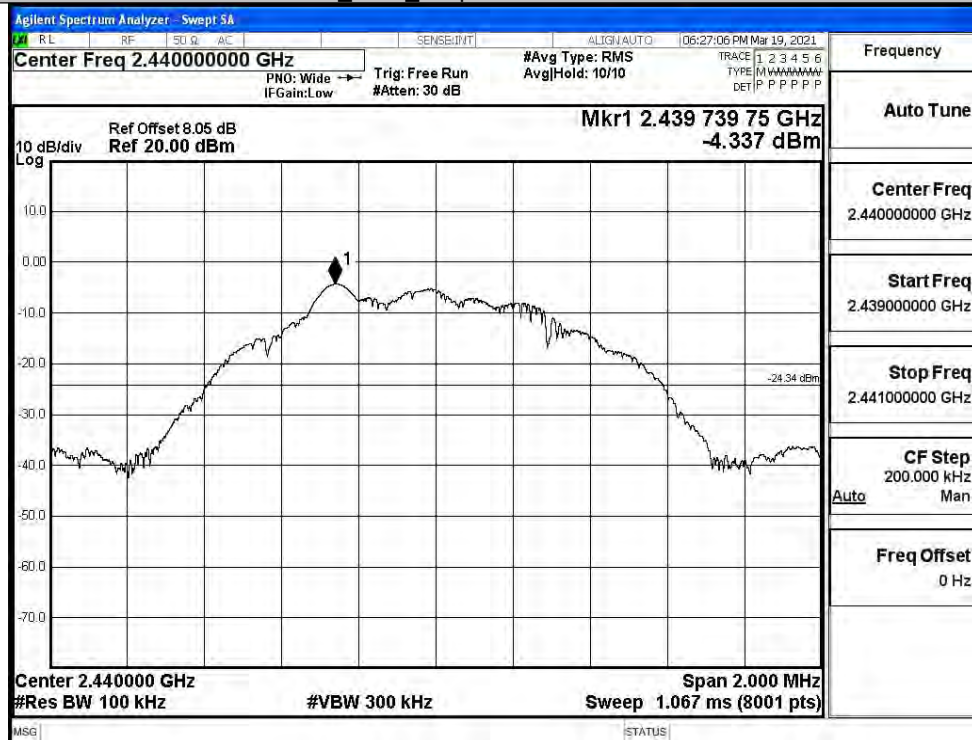
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.86	-36.444	-24.860	PASS
BT LE	MCH	-4.337	-35.273	-24.337	PASS
BT LE	HCH	-4.355	-36.769	-24.355	PASS

BT LE_LCH_Graphs

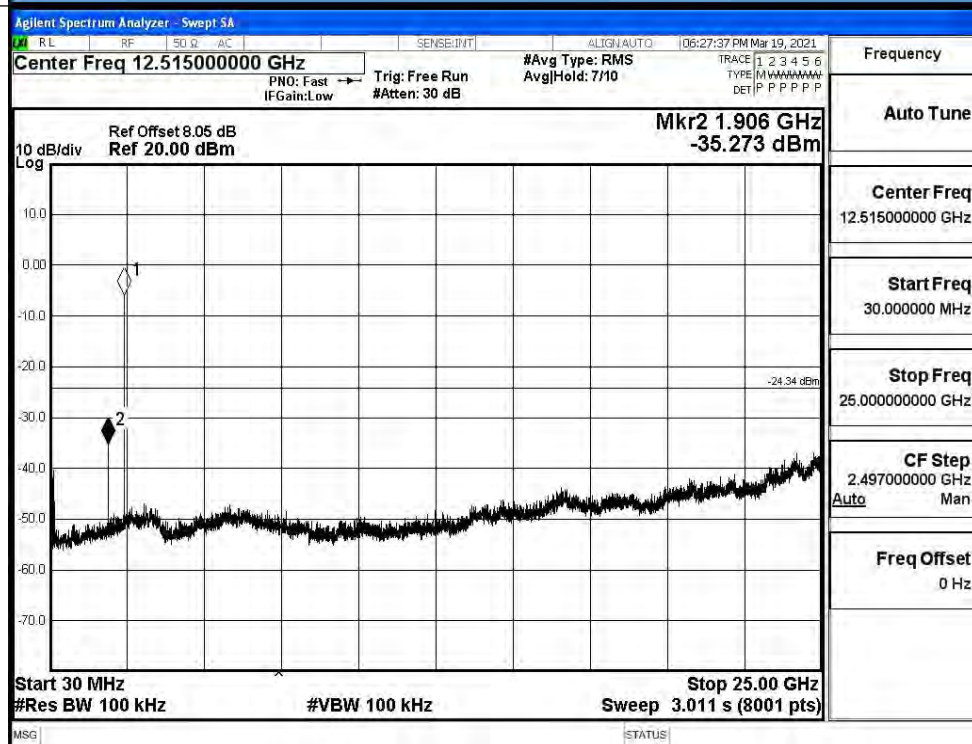


BT LE MCH Graphs

Pref/BT LE/MCH

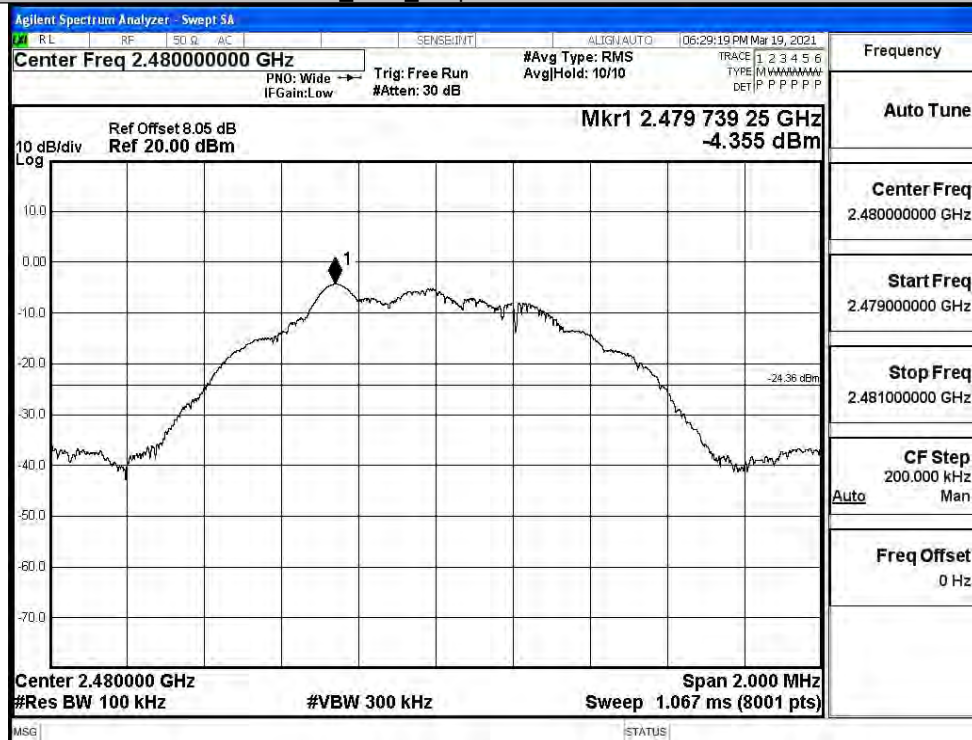


Puw/BT LE/MCH

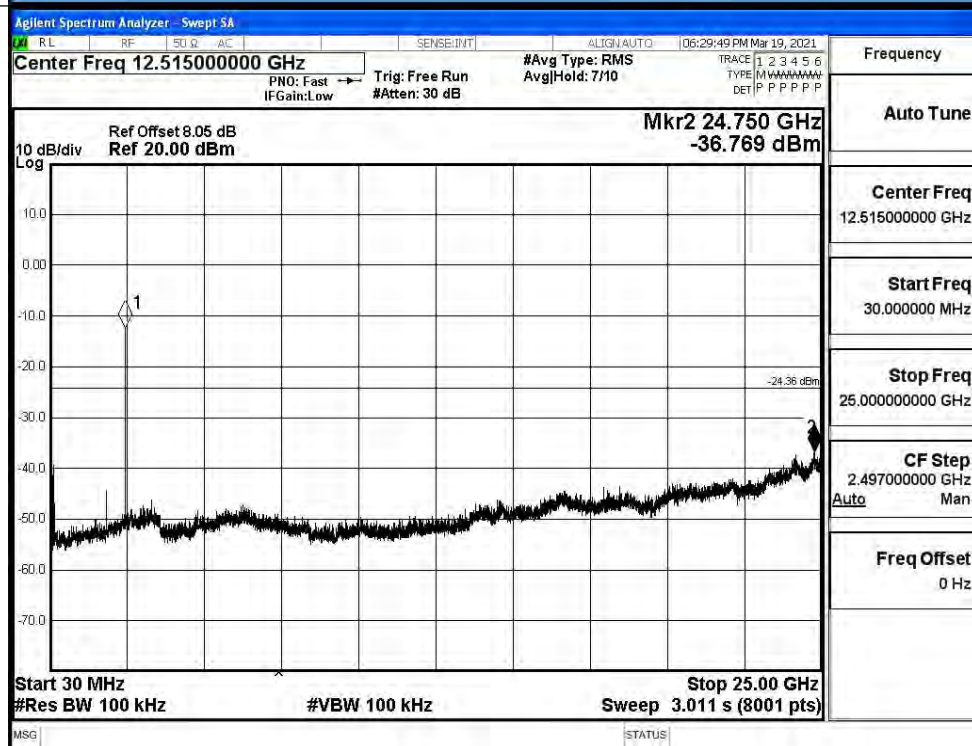


BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

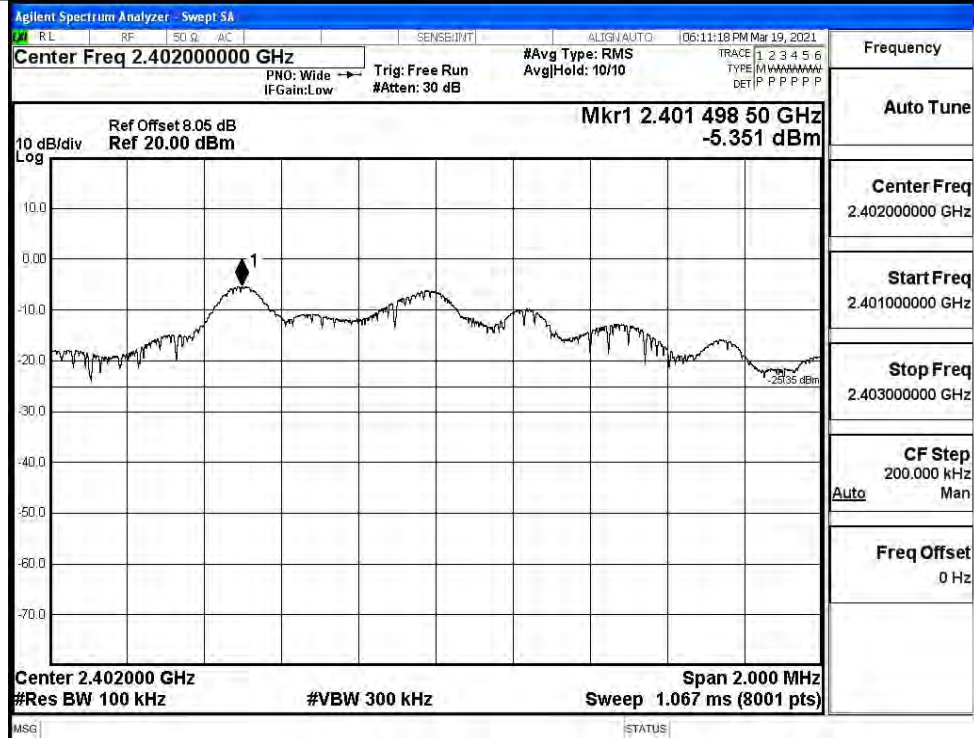


BT 2LE

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT 2LE	LCH	-5.351	-37.040	-25.351	PASS
BT 2LE	MCH	-4.82	-36.344	-24.820	PASS
BT 2LE	HCH	-4.839	-37.288	-24.839	PASS

BT 2LE_LCH_Graphs

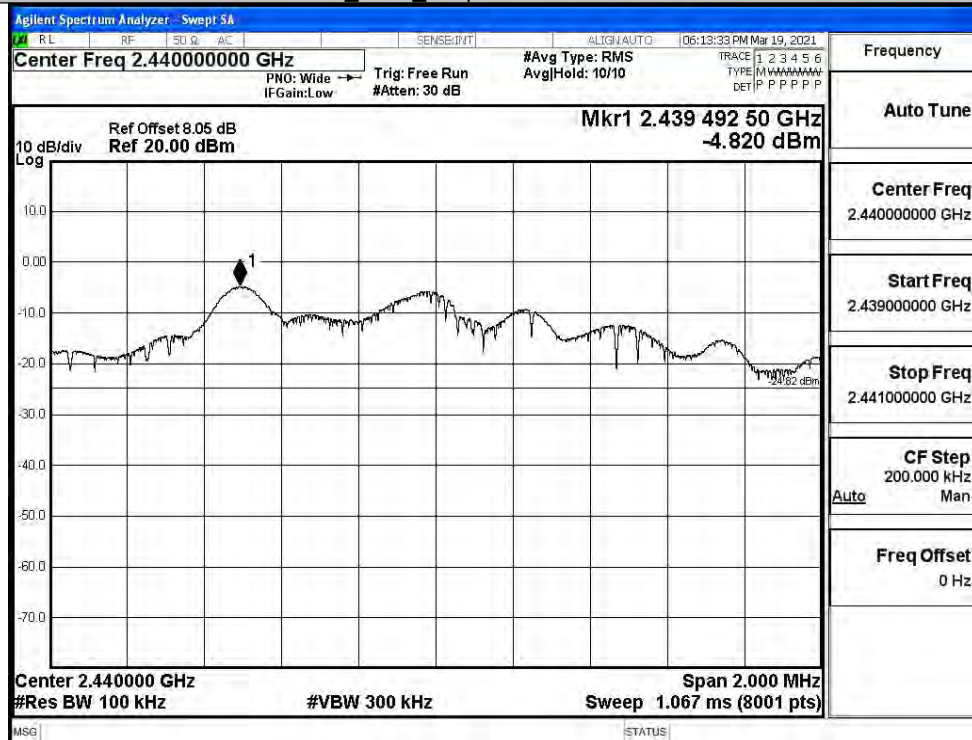
Pref/BT 2LE/LCH



Puw/BT 2LE/LCH

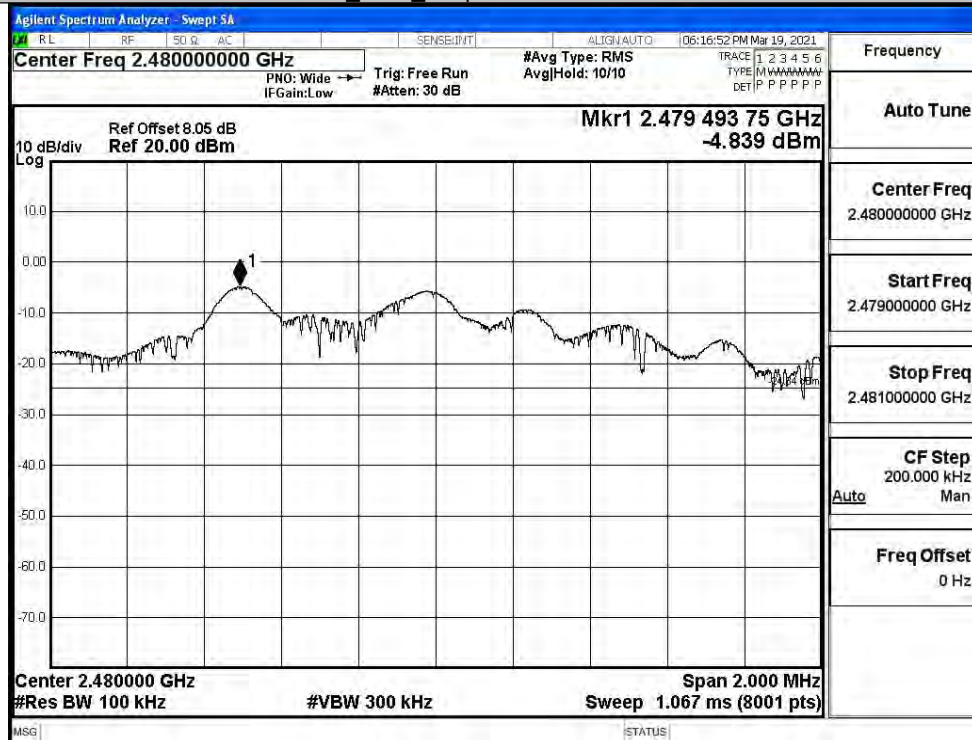
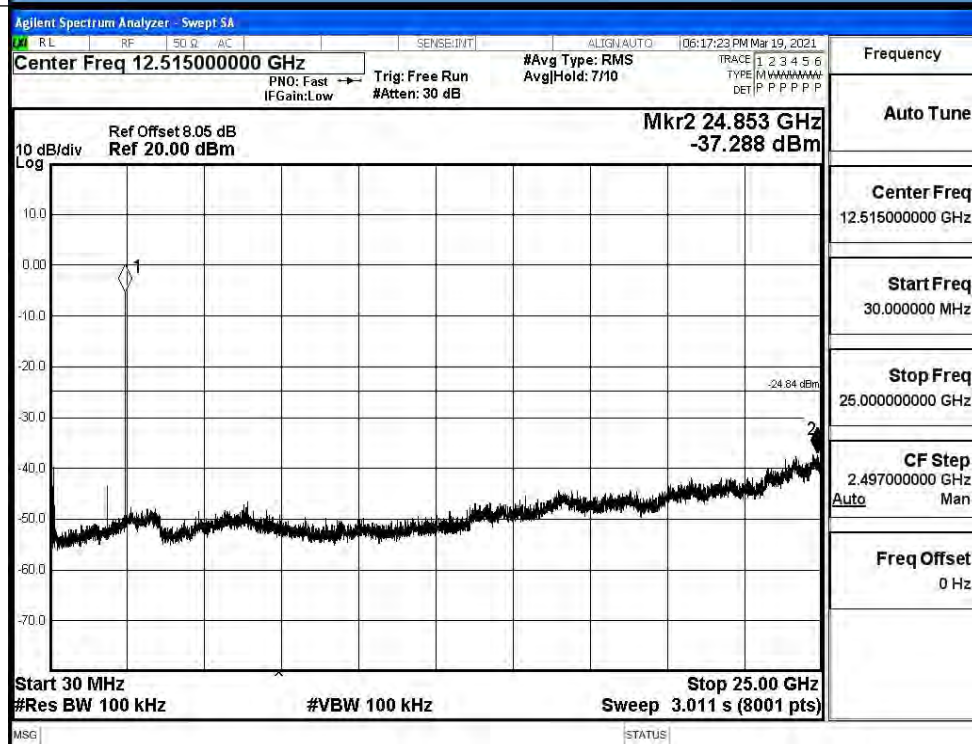


BT 2LE_MCH_Graphs

Pref/BT
2LE/MCHPuw/BT
2LE/MCH

BT 2LE_HCH_Graphs

Pref/BT 2LE/HCH

Puw/BT
2LE/HCH

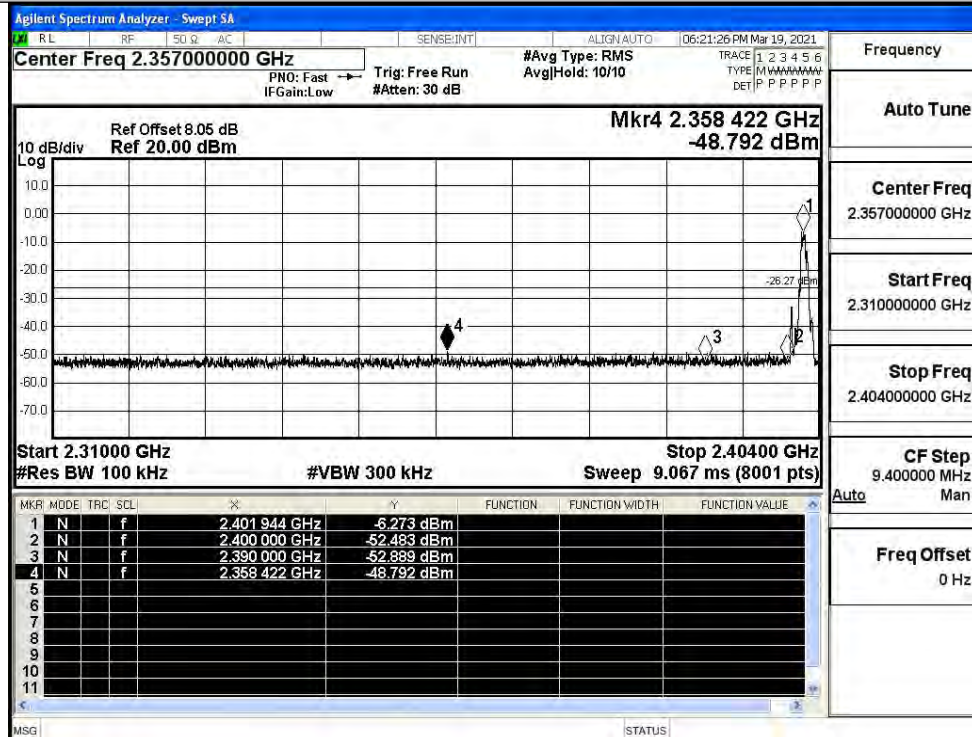
B.6 Band-edge for RF Conducted Emissions

BT LE

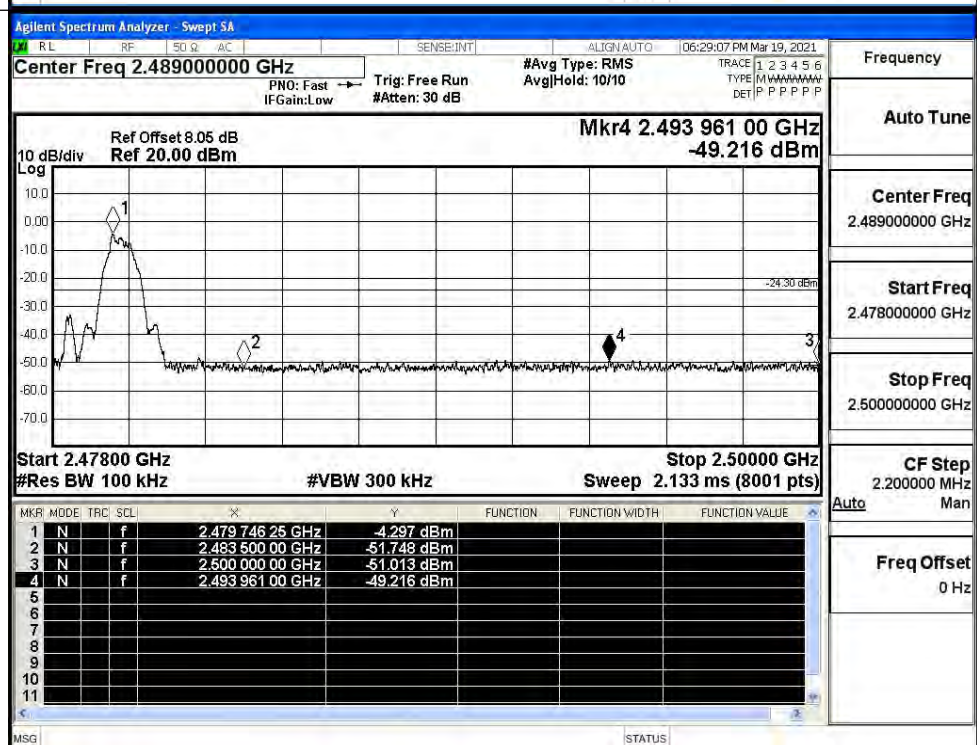
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-6.273	-48.792	-26.27	PASS
BT LE	HCH	-4.297	-49.216	-24.3	PASS

Test Graphs

LCH



HCH

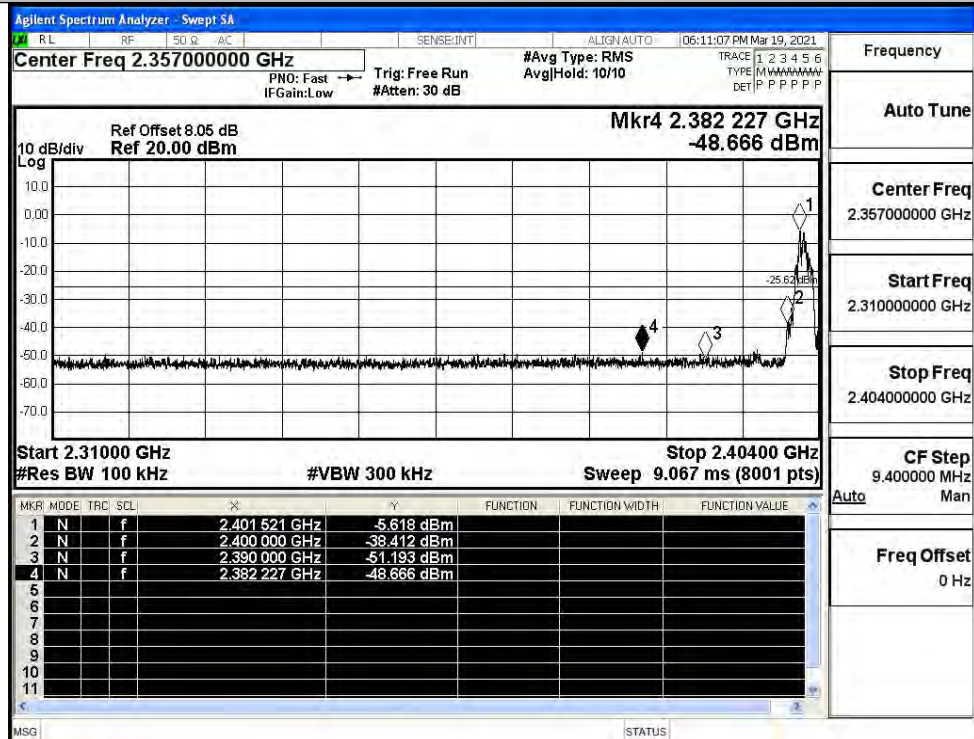


BT 2LE

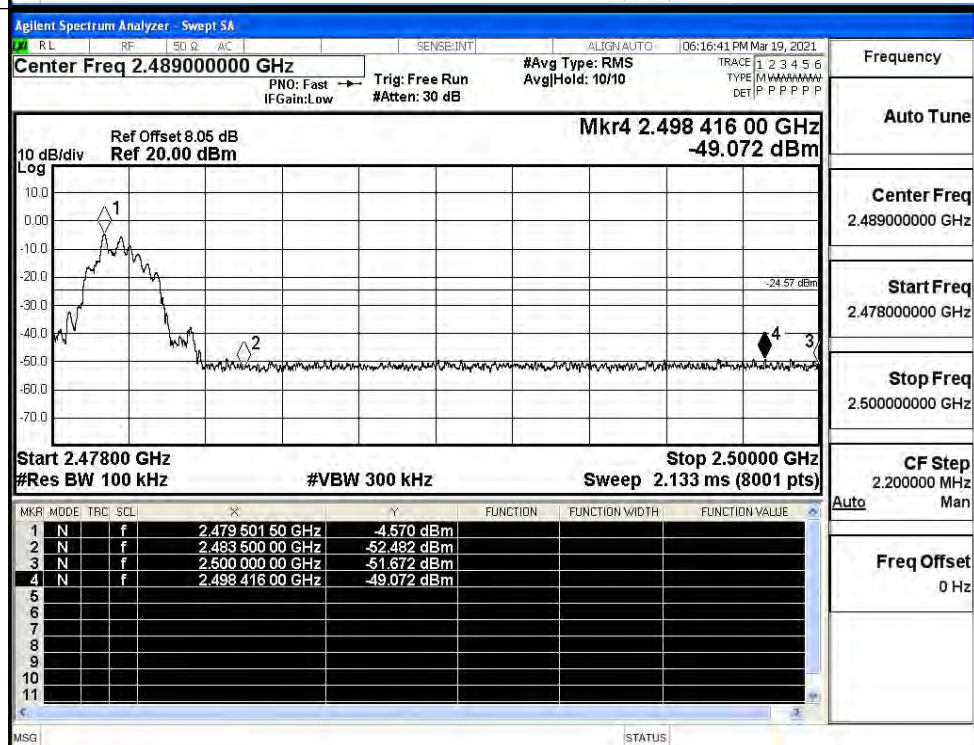
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT 2LE	LCH	-5.618	-48.666	-25.62	PASS
BT 2LE	HCH	-4.570	-49.072	-24.57	PASS

Test Graphs

LCH



HCH

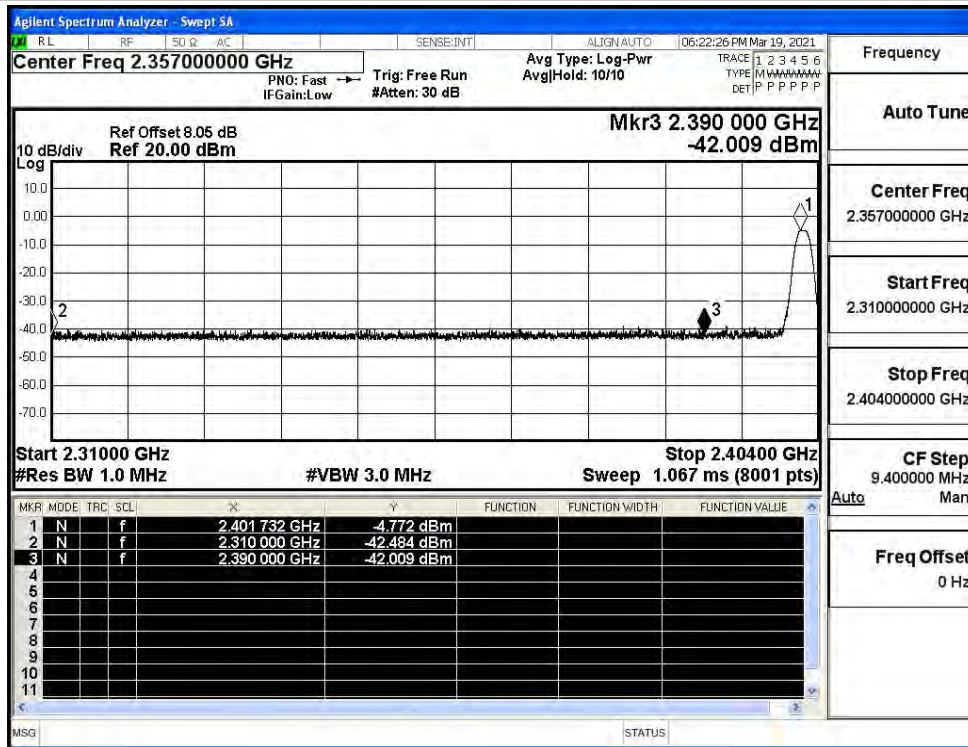


B.7 Restrict-band band-edge measurements

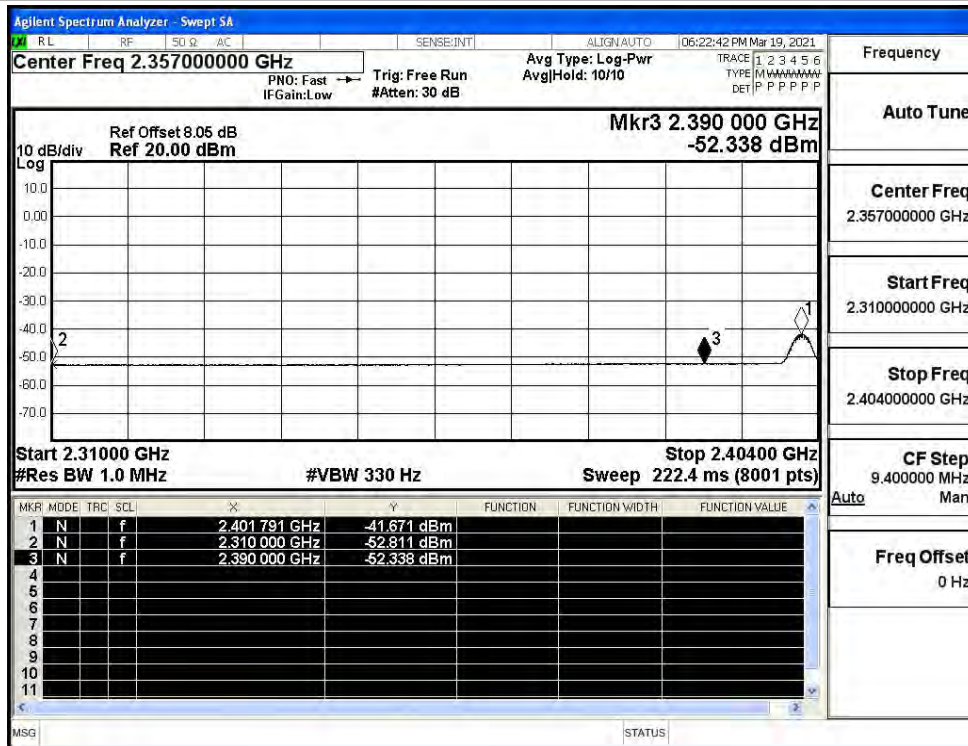
BT LE

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	-42.48	2.0	0	54.75	PEAK	74	PASS
		Ant1	2310.0	-52.81	2.0	0	44.42	AV	54	PASS
		Ant1	2390.0	-42.01	2.0	0	55.22	PEAK	74	PASS
		Ant1	2390.0	-52.34	2.0	0	44.89	AV	54	PASS
	2480	Ant1	2483.5	-41.81	2.0	0	55.42	PEAK	74	PASS
		Ant1	2483.5	-51.83	2.0	0	45.40	AV	54	PASS
		Ant1	2500.0	-39.49	2.0	0	57.74	PEAK	74	PASS
		Ant1	2500.0	-51.63	2.0	0	45.60	AV	54	PASS

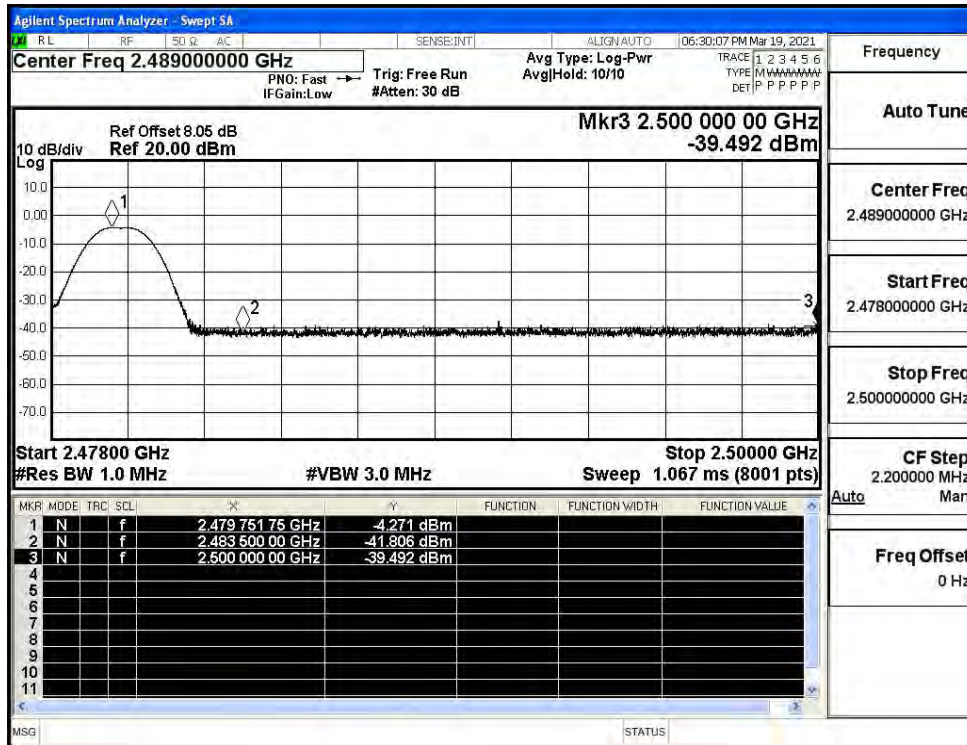
Restrict-band band-edge measurements_BT LE_2402_Ant1_PEAK



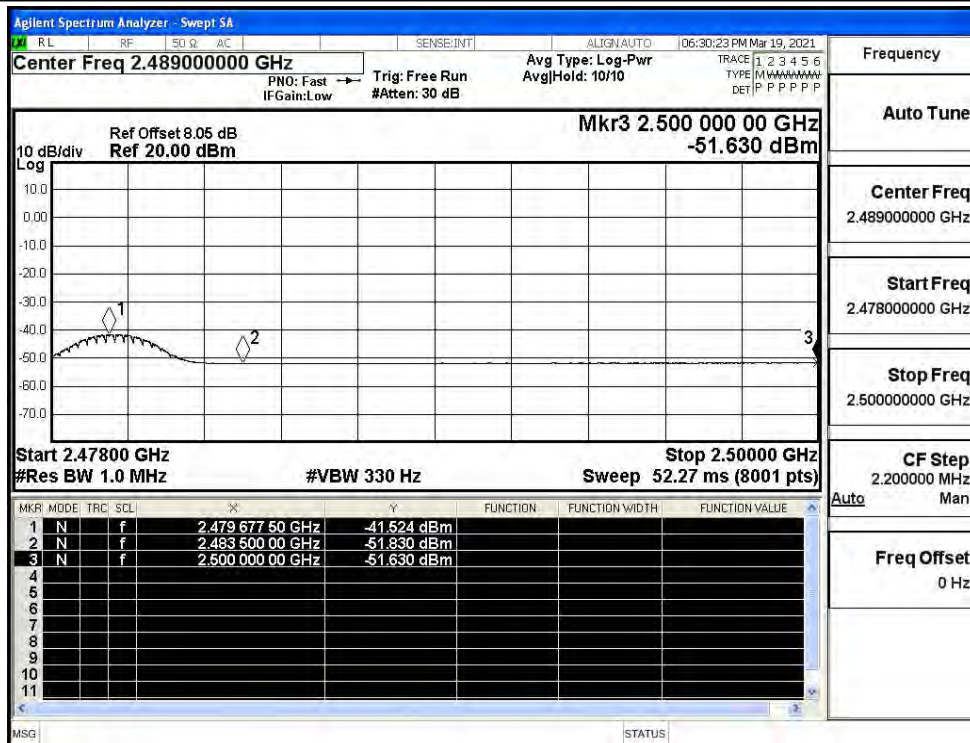
Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



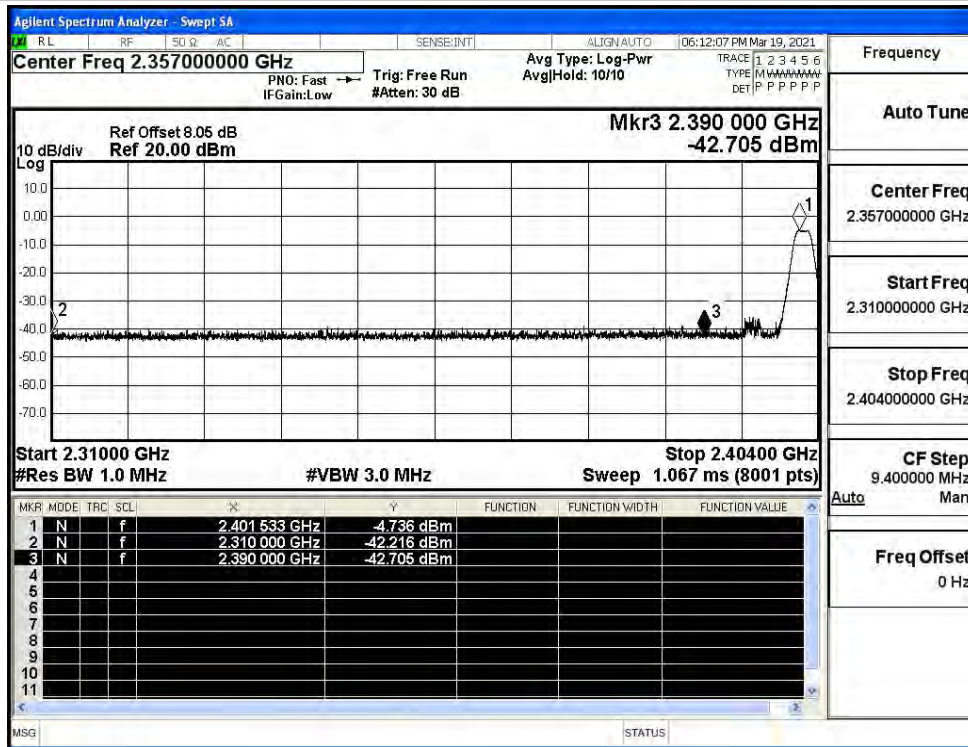
Restrict-band band-edge measurements_BT LE_2480_Ant1_AV



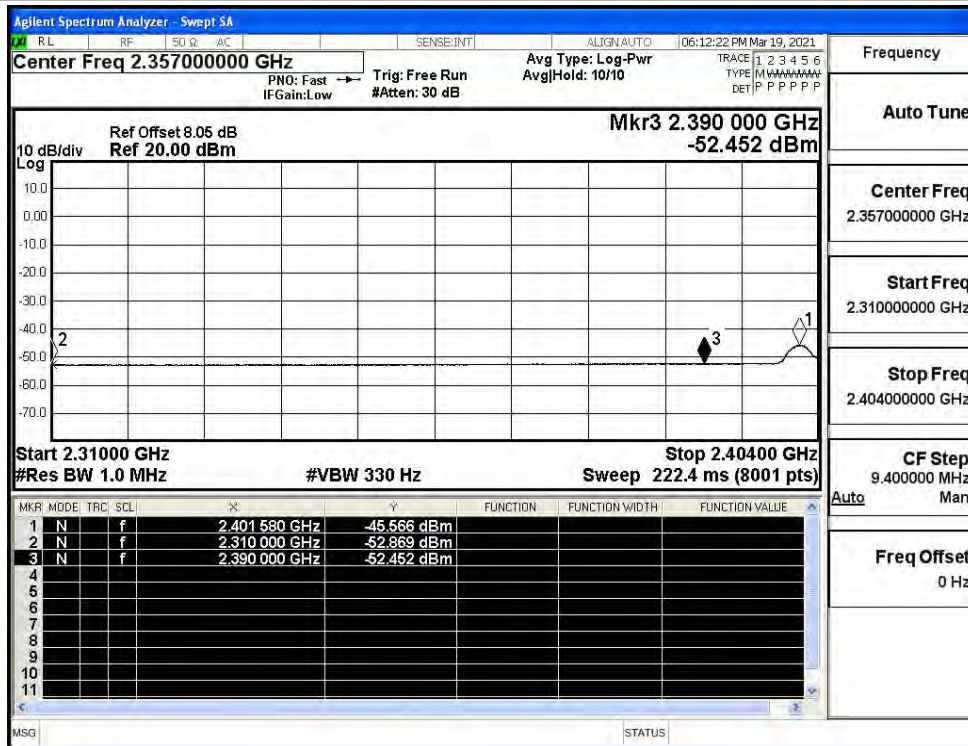
BT 2LE

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdi
BT 2LE	2402	Ant1	2310.0	-42.22	2.0	0	55.01	PEAK	74	PASS
		Ant1	2310.0	-52.87	2.0	0	44.36	AV	54	PASS
		Ant1	2390.0	-42.71	2.0	0	54.52	PEAK	74	PASS
		Ant1	2390.0	-52.45	2.0	0	44.78	AV	54	PASS
	2480	Ant1	2483.5	-41.88	2.0	0	55.35	PEAK	74	PASS
		Ant1	2483.5	-52.00	2.0	0	45.23	AV	54	PASS
		Ant1	2500.0	-41.97	2.0	0	55.26	PEAK	74	PASS
		Ant1	2500.0	-51.69	2.0	0	45.54	AV	54	PASS

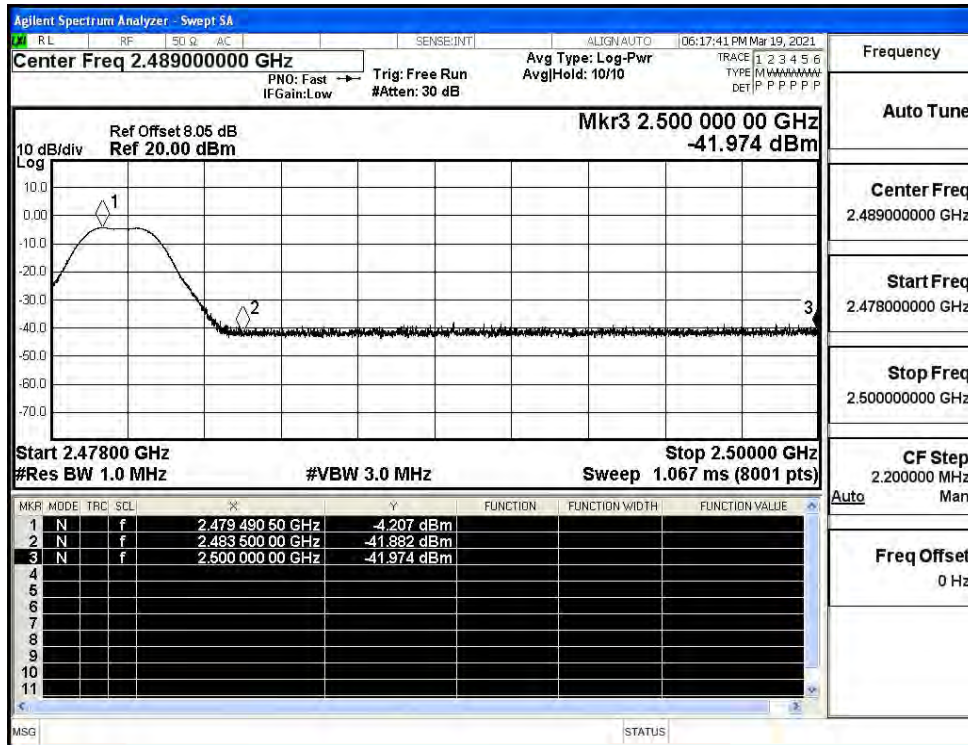
Restrict-band band-edge measurements_BT 2LE_2402_Ant1_PEAK



Restrict-band band-edge measurements_BT 2LE_2402_Ant1_AV



Restrict-band band-edge measurements_BT 2LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT 2LE_2480_Ant1_AV

