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

Product Name: Flush Receptacle with Integral Class 2 Power Unit and wireless remote control

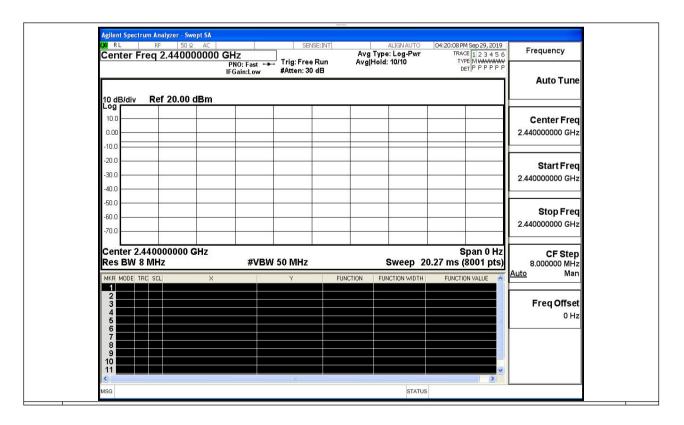
Trade Mark: N/A
Test Model: 6B8008

Environmental Conditions

Temperature:	22.9 ° C
Relative Humidity:	53.8%
ATM Pressure:	100.0 kPa
Test Engineer:	SCOUT WU
Supervised by:	Wang.Chuang

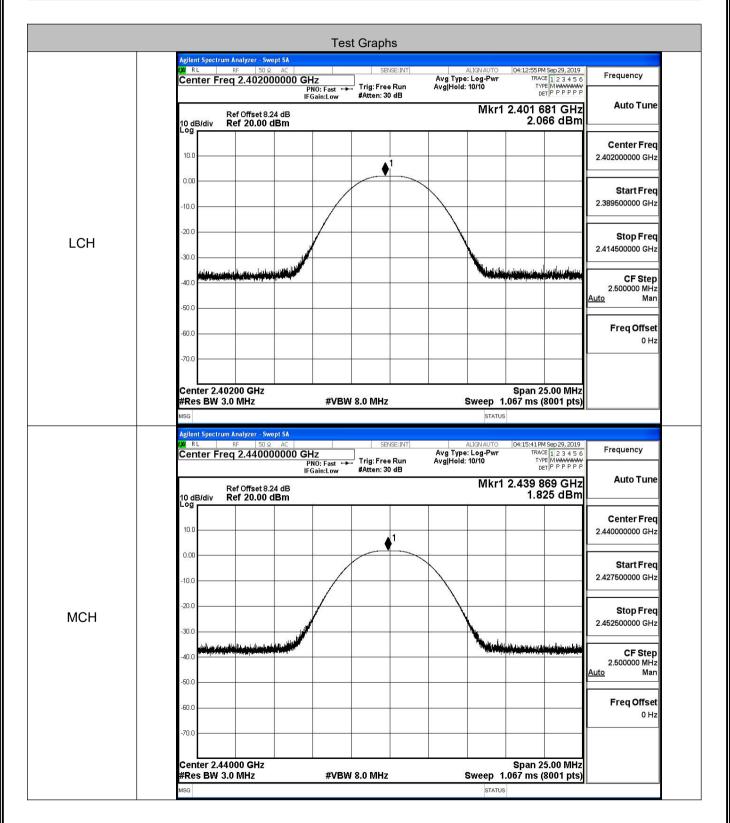
A.1 Duty Cycle

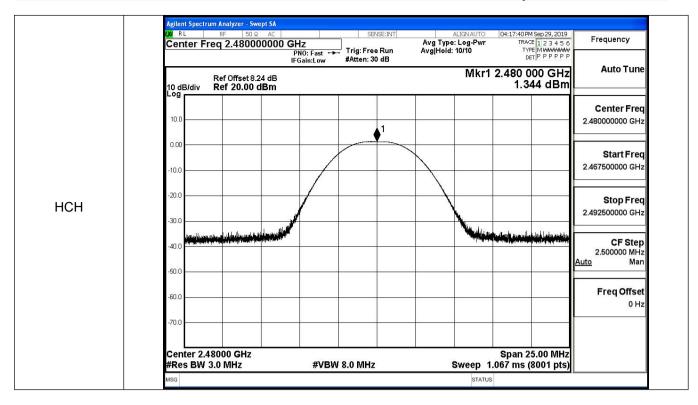
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



A.2 Maximum Conducted Peak Output Power

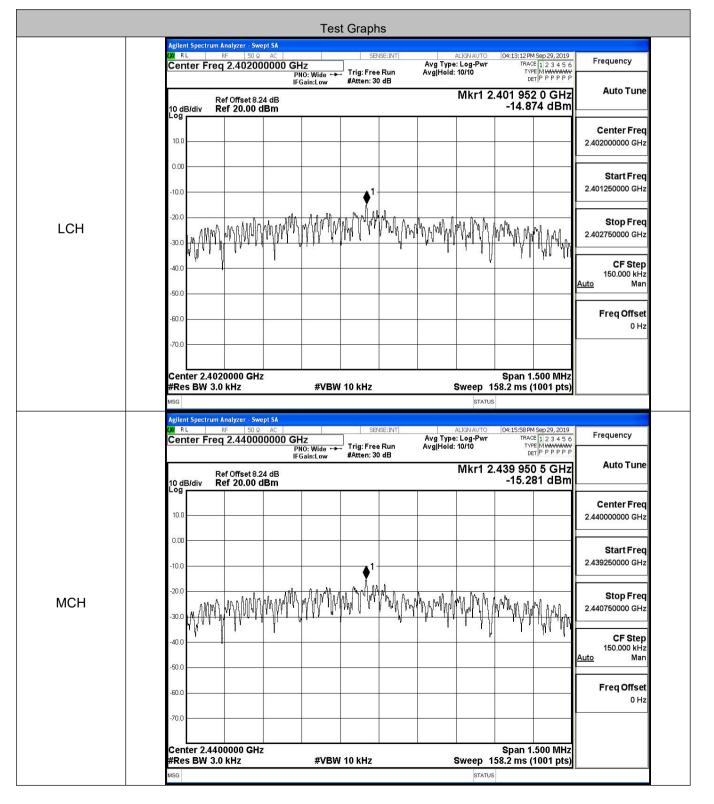
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.066	30	PASS
BT LE	MCH	1.825	30	PASS
BT LE	НСН	1.344	30	PASS



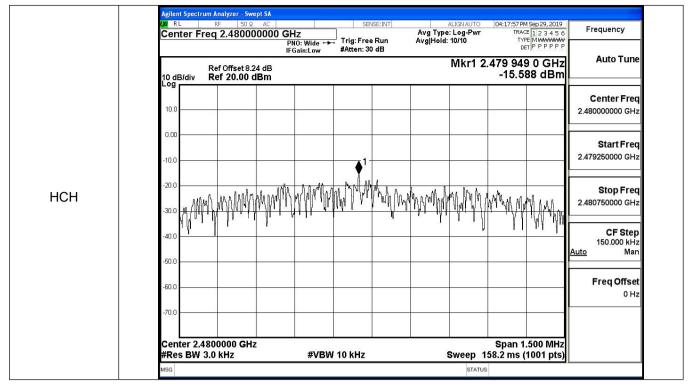


A.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.874	8	PASS
BT LE	MCH	-15.281	8	PASS
BT LE	НСН	-15.588	8	PASS

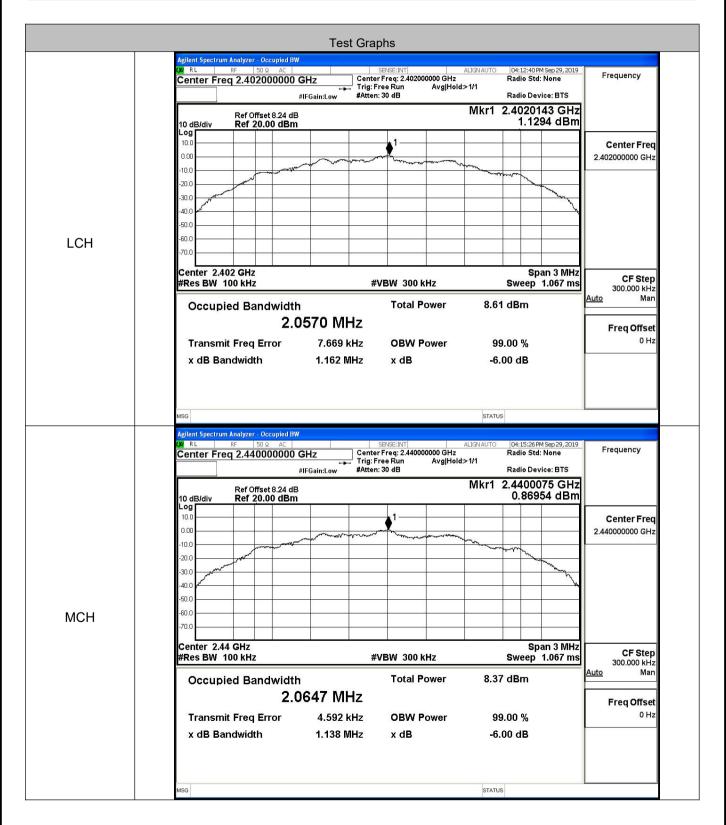


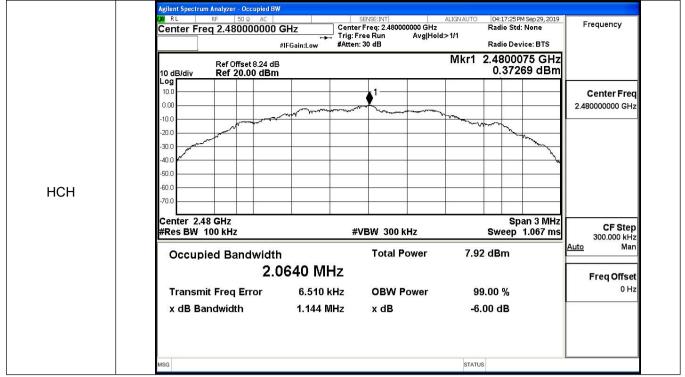
Page 4 of 14



A.4 6dB Bandwidth

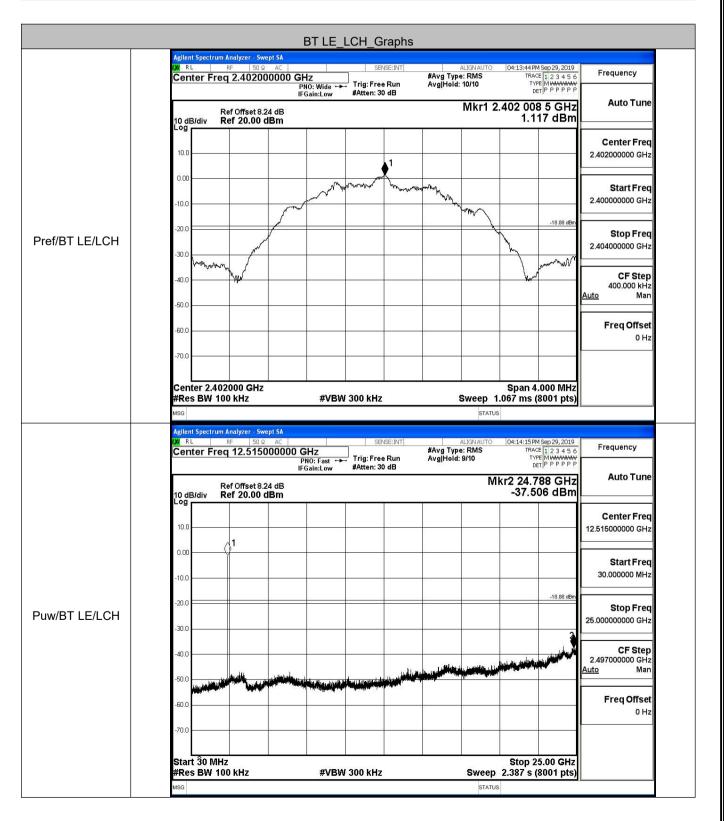
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	1.162	≥0.5	PASS
BT LE	MCH	1.138	≥0.5	PASS
BT LE	HCH	1.144	≥0.5	PASS

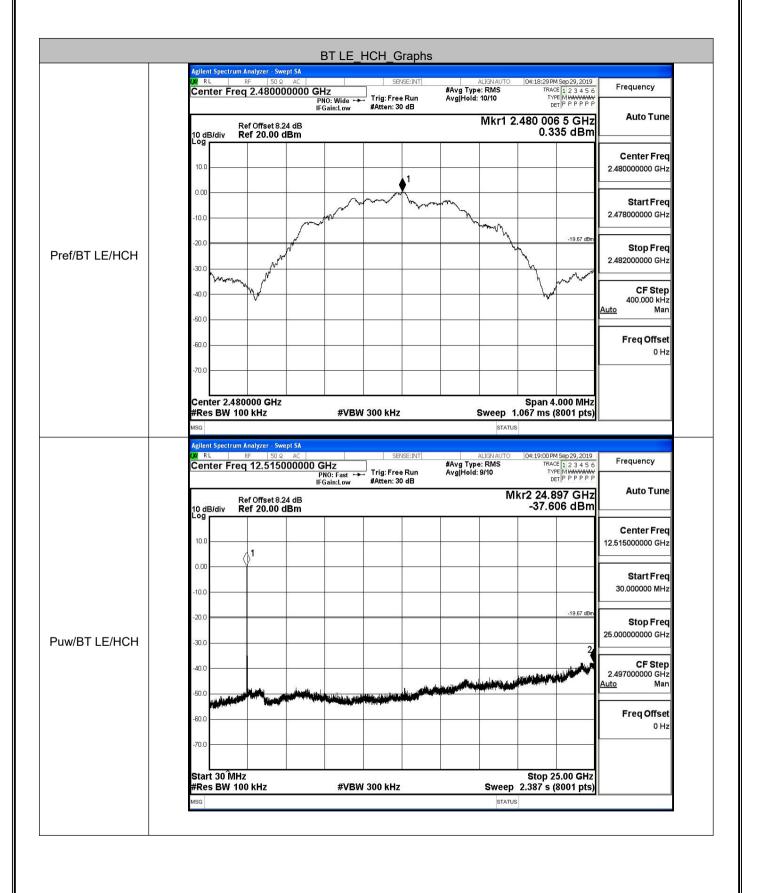




A.5 RF Conducted Spurious Emissions

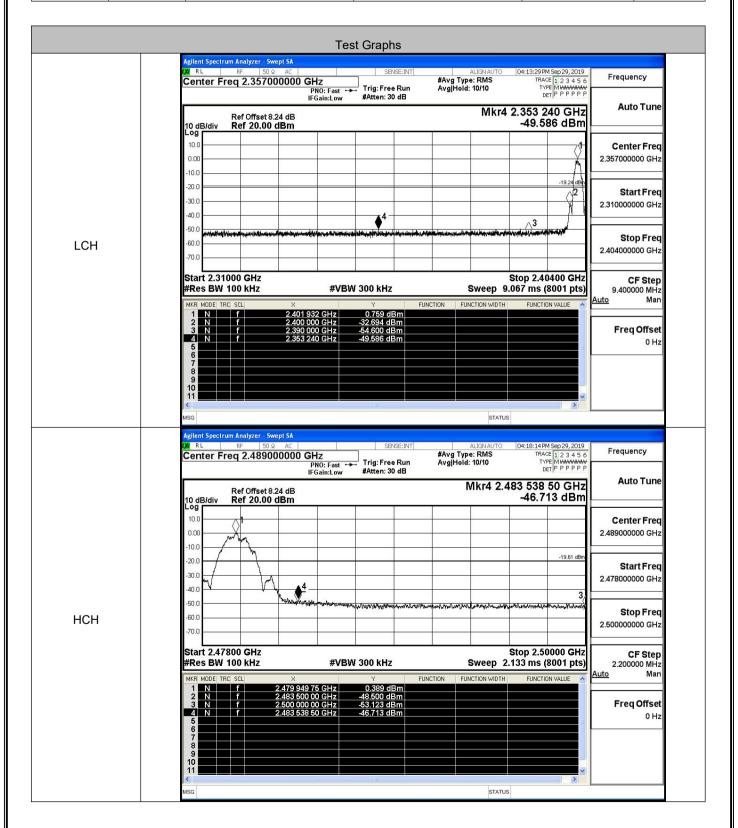
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	1.117	-37.506	-18.883	PASS
BT LE	мсн	0.861	-36.341	-19.139	PASS
BT LE	НСН	0.335	-37.606	-19.665	PASS





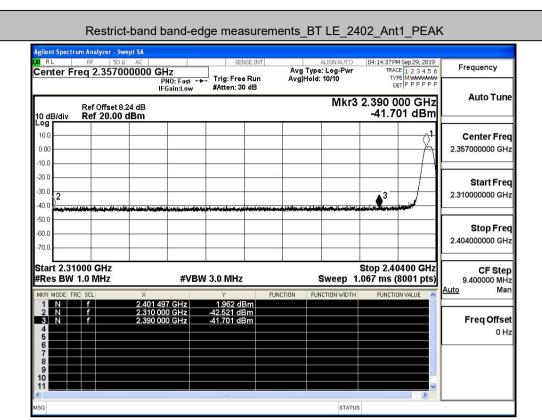
A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.759	-49.586	-19.24	PASS
BT LE	НСН	0.389	-46.713	-19.61	PASS

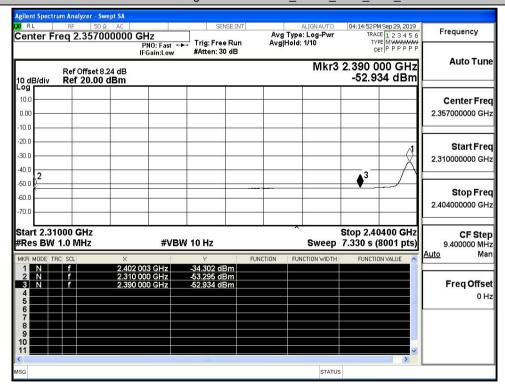


A.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
	2402	Ant1	2310.0	-42.52	0	0	52.74	PEAK	74	PASS
		Ant1	2310.0	-53.30	0	0	41.96	AV	54	PASS
		Ant1	2390.0	-41.70	0	0	53.56	PEAK	74	PASS
		Ant1	2390.0	-52.93	0	0	42.32	AV	54	PASS
BT LE		Ant1	2483.5	-40.03	0	0	55.23	PEAK	74	PASS
		Ant1	2483.5	-51.03	0	0	44.22	AV	54	PASS
	2480	Ant1	2500.0	-40.90	0	0	54.36	PEAK	74	PASS
		Ant1	2500.0	-52.30	0	0	42.96	AV	54	PASS

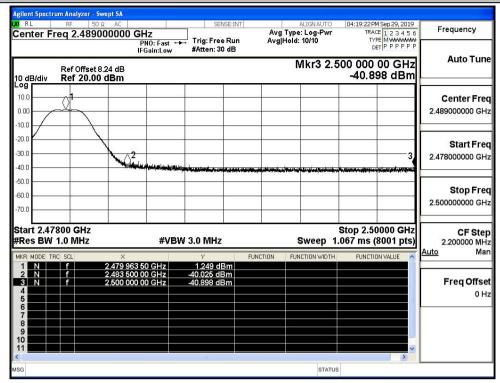


Restrict-band band-edge measurements BT LE 2402 Ant1 AV



Page 13 of 14

Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

