Appendix A

RF Test Data for BT 2.1+EDR(Conducted Measurement)

Product Name: Feature phone
Trade Mark: KEN MOBILE (E&L)

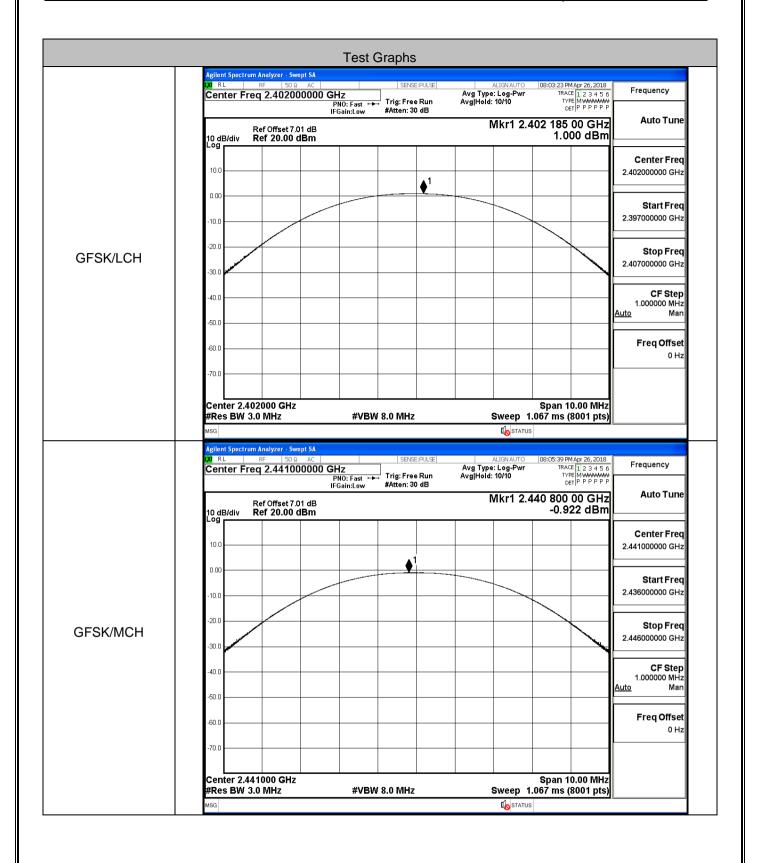
Test Model: \$600

Environmental Conditions

Temperature:	22.6° C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jayden.Zhuo
Supervised by:	Dick.Su

A.1 Maxmum Conducted Peak Output Power

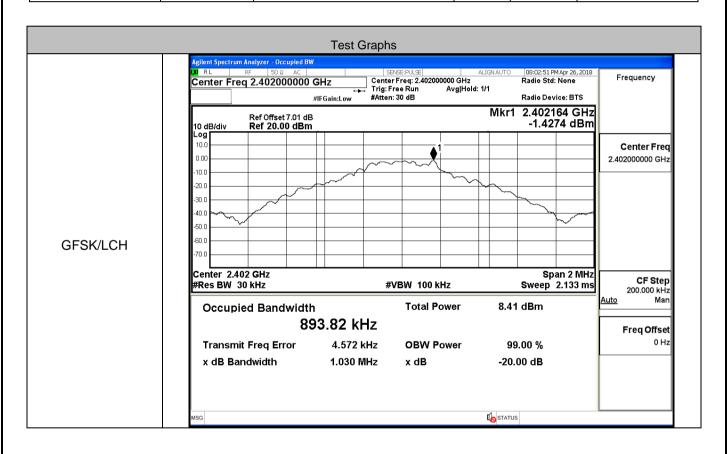
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.000	30	PASS
GFSK	MCH	-0.922	30	PASS
	НСН	-0.970	30	PASS
	LCH	0.227	21	PASS
π/4DQPSK	MCH	-1.484	21	PASS
	НСН	-1.728	21	PASS
	LCH	0.352	21	PASS
8DPSK	MCH	-1.370	21	PASS
	НСН	-1.622	21	PASS



STATUS

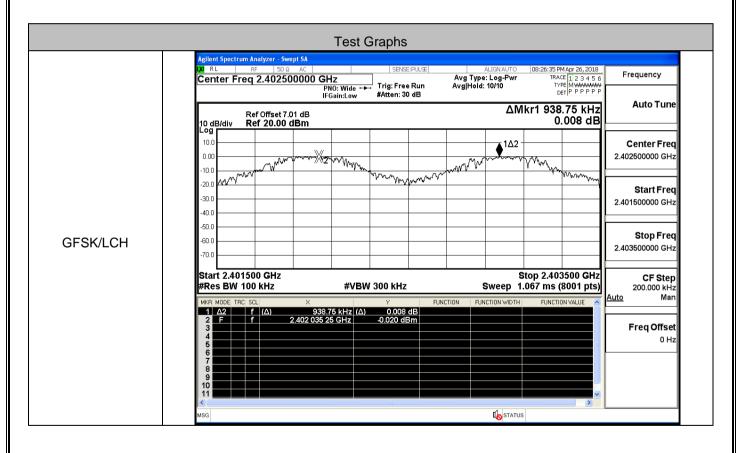
A.2 20dB Bandwidth

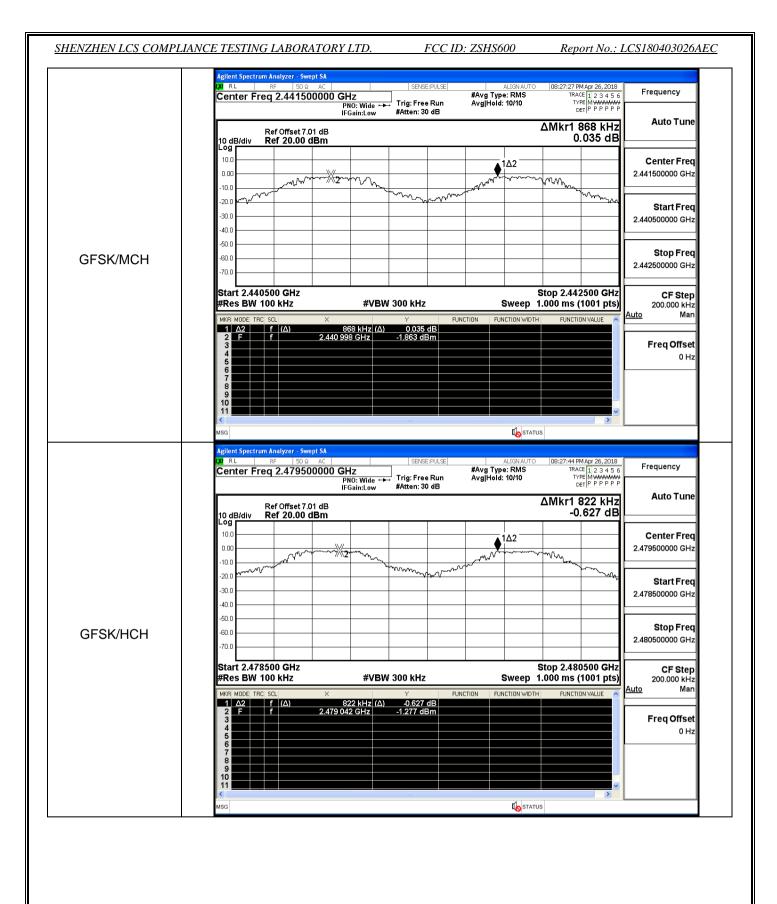
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.030	Not Specified	PASS
GFSK	MCH	1.034	Not Specified	PASS
	HCH	1.040	Not Specified	PASS
	LCH	1.290	Not Specified	PASS
π/4DQPSK	MCH	1.312	Not Specified	PASS
	НСН	1.308	Not Specified	PASS
	LCH	1.296	Not Specified	PASS
8DPSK	MCH	1.299	Not Specified	PASS
	НСН	1.292	Not Specified	PASS

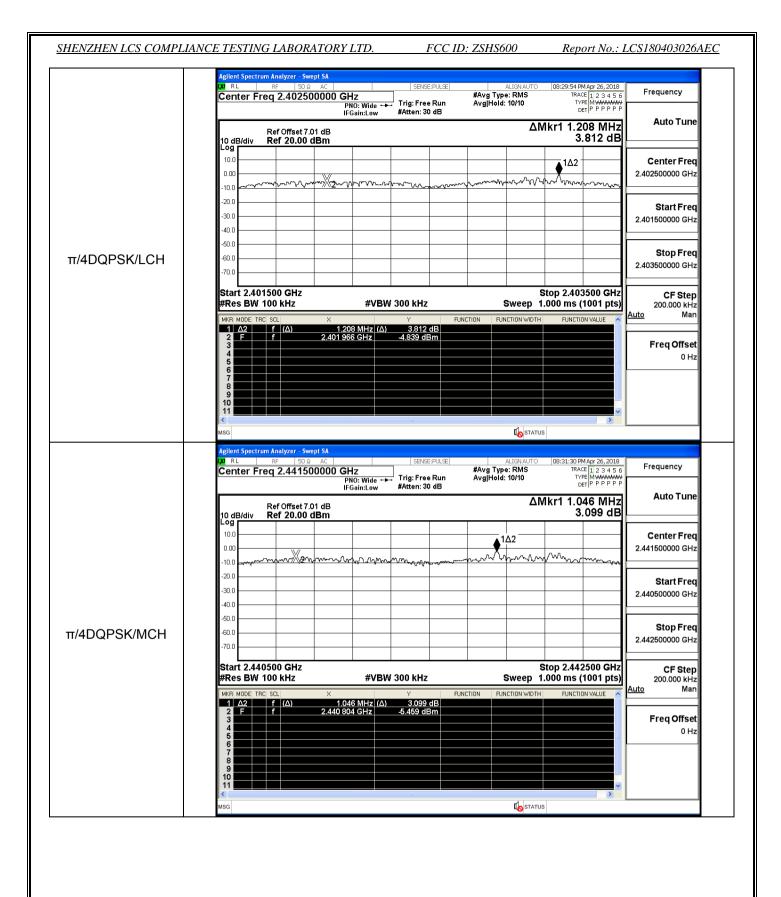


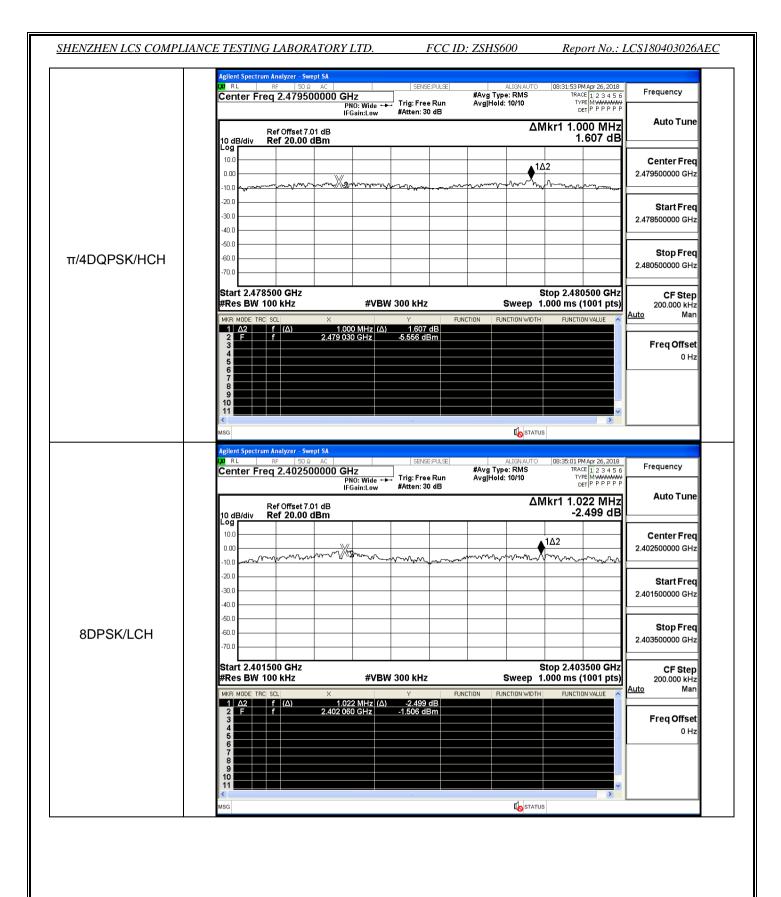
A.3 Carrier Frequency Separation

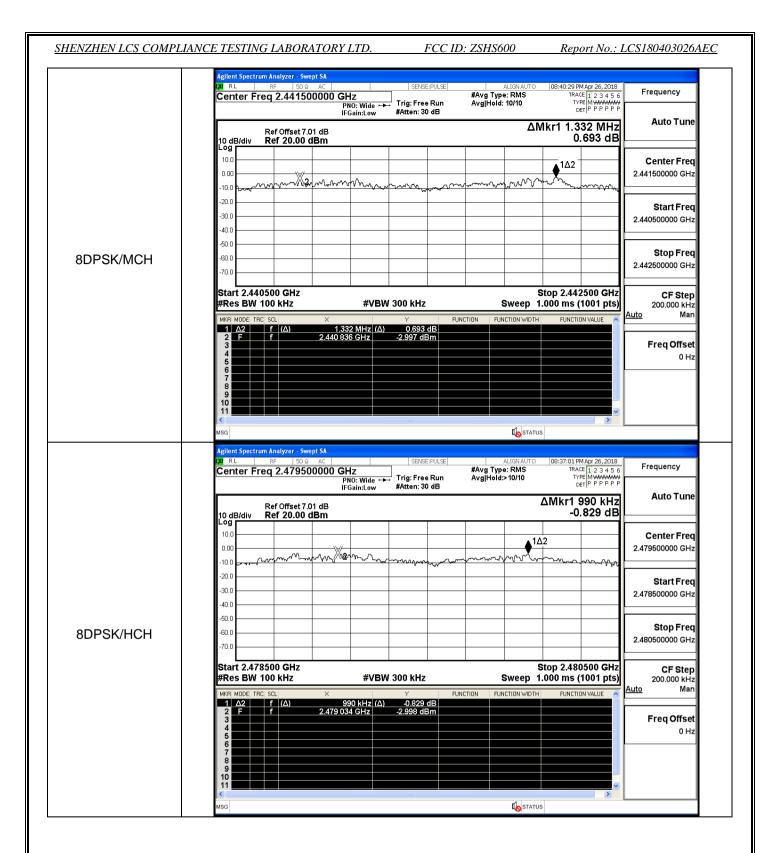
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.939	0.693	PASS
GFSK	MCH	0.868	0.693	PASS
	HCH	0.822	0.693	PASS
	LCH	1.208	0.875	PASS
π/4DQPSK	MCH	1.046	0.875	PASS
	HCH	1.000	0.875	PASS
	LCH	1.022	0.866	PASS
8DPSK	MCH	1.332	0.866	PASS
	HCH	0.990	0.866	PASS









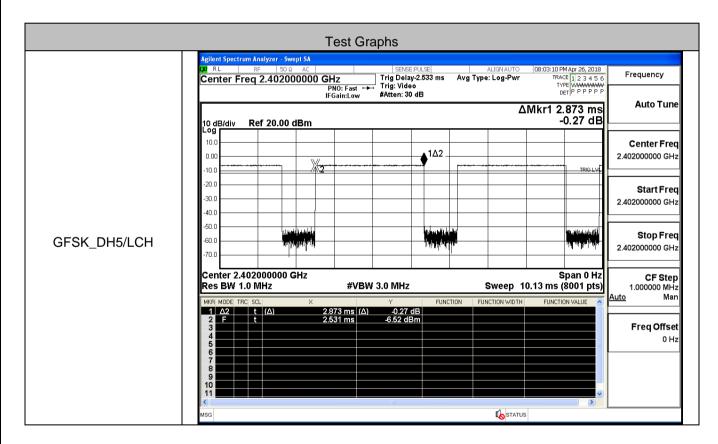


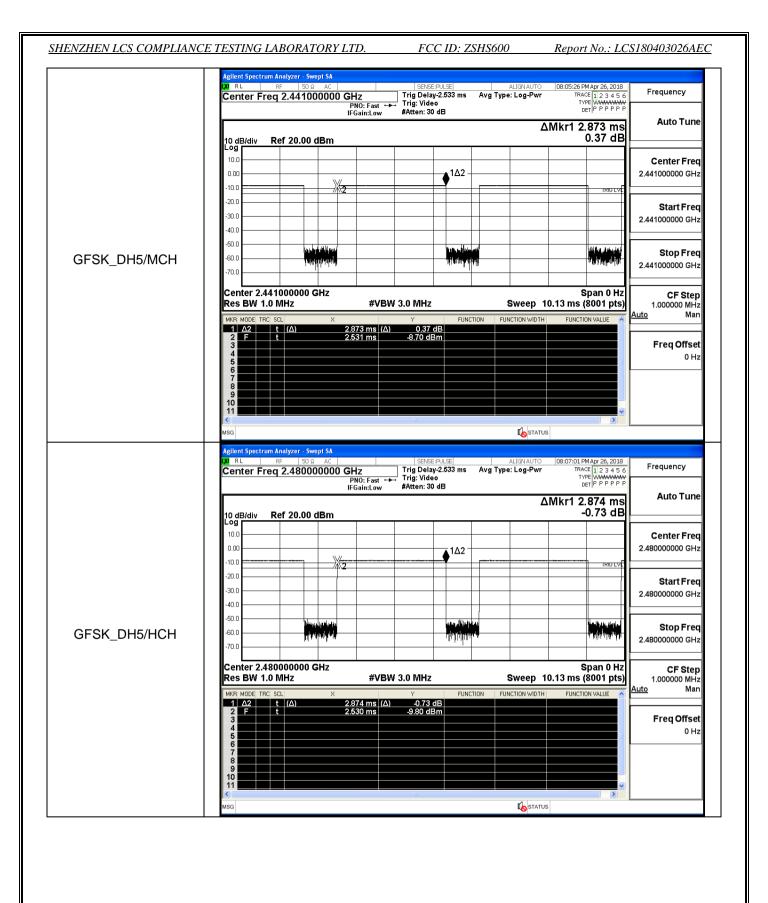
A.4 Hopping Channel Number

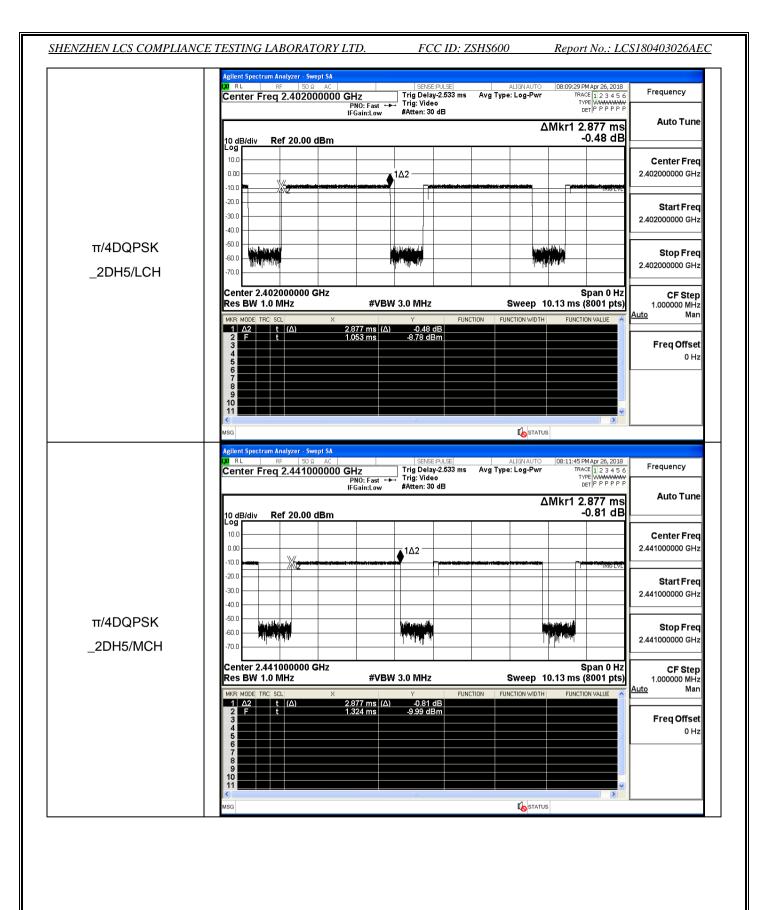
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

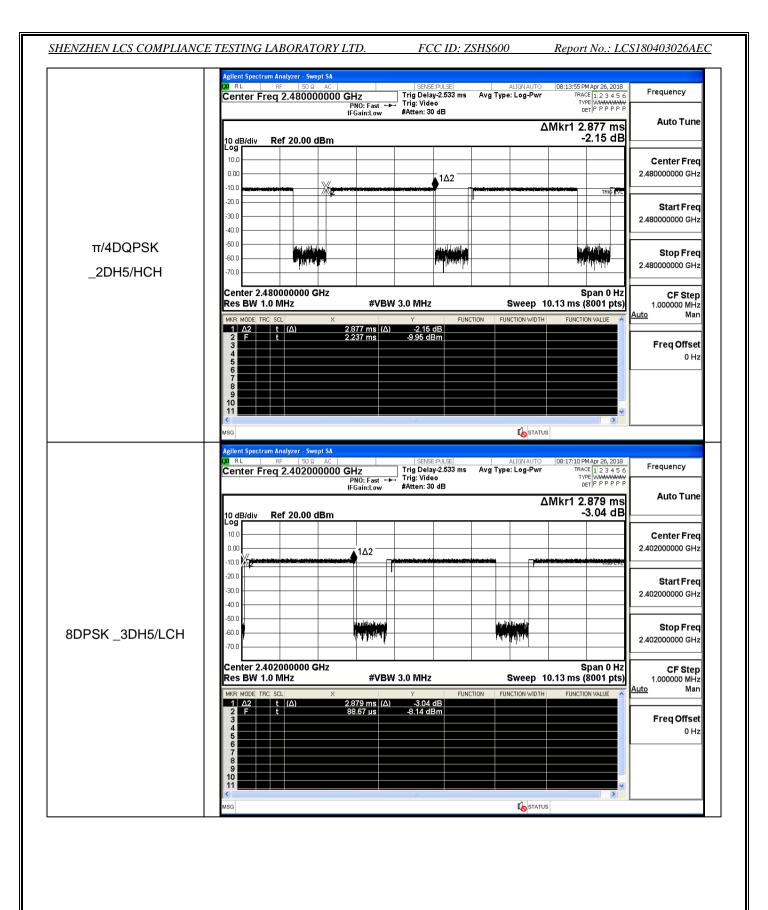
A.5 Dwell Time

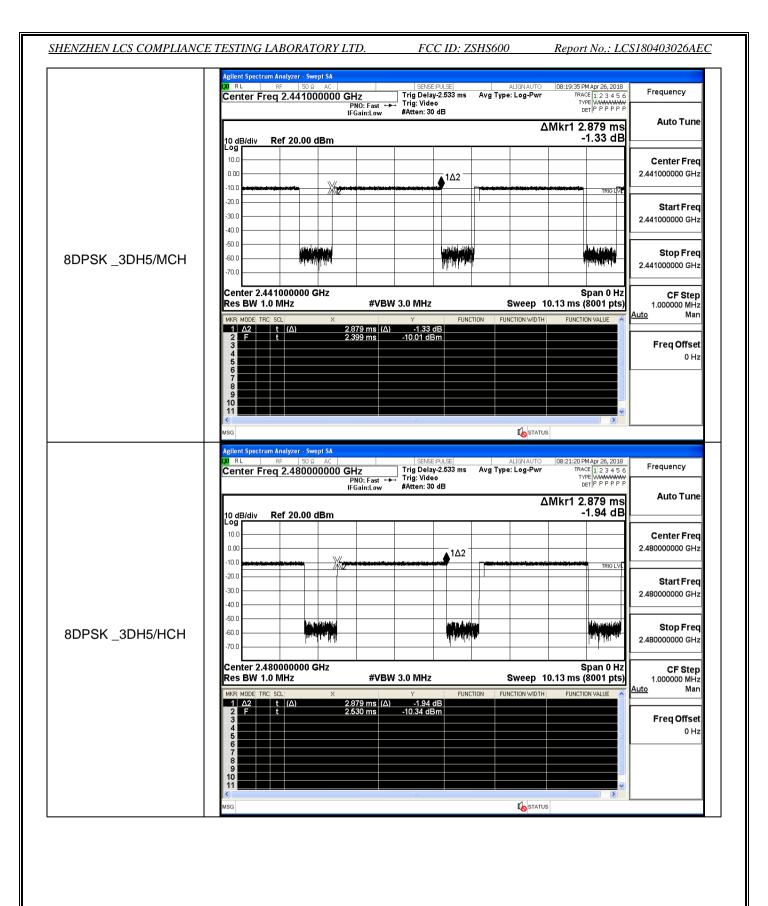
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.87	106.7	0.306	0.4	PASS
GFSK	DH5	MCH	2.87	106.7	0.306	0.4	PASS
	DH5	HCH	2.87	106.7	0.306	0.4	PASS
	2DH5	LCH	2.87	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.87	106.7	0.307	0.4	PASS
	2DH5	HCH	2.87	106.7	0.307	0.4	PASS
	3DH5	LCH	2.87	106.7	0.307	0.4	PASS
8DPSK	3DH5	MCH	2.87	106.7	0.307	0.4	PASS
	3DH5	HCH	2.87	106.7	0.307	0.4	PASS





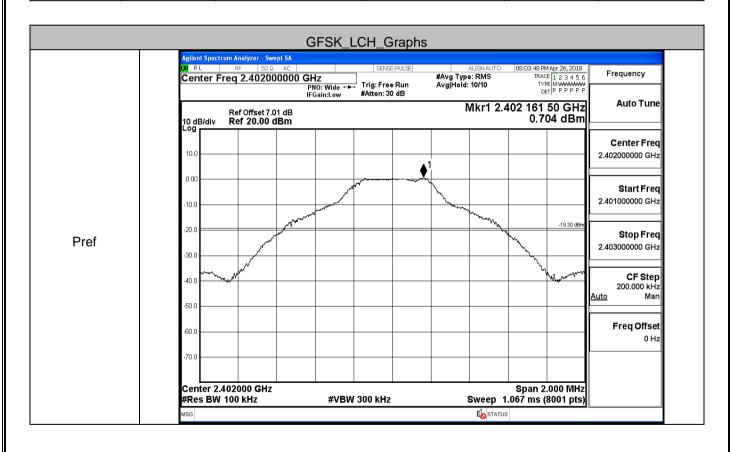




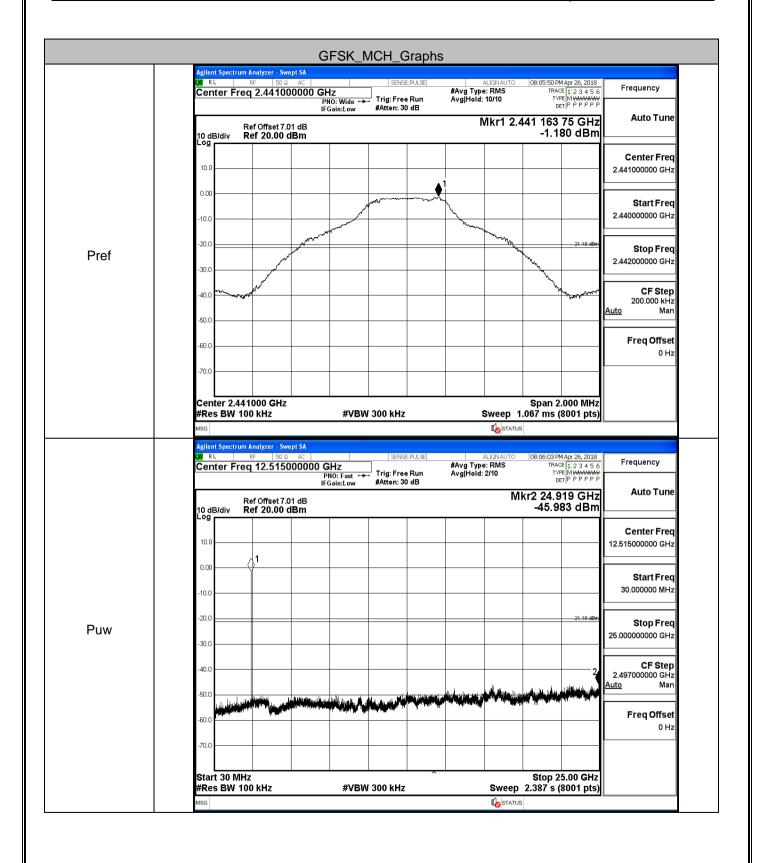


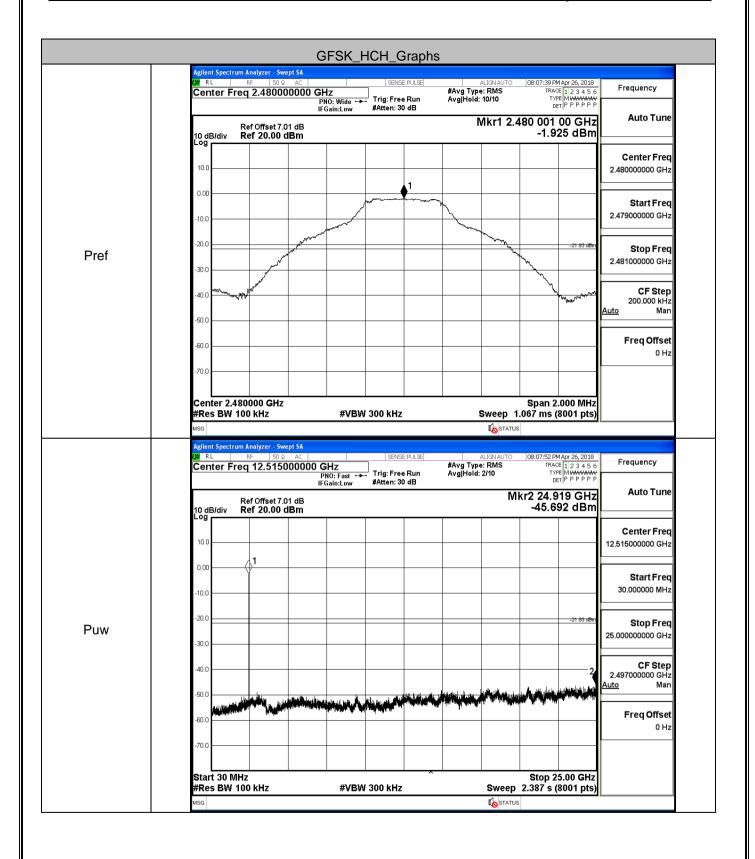
A.6 RF Conducted Spurious Emissions

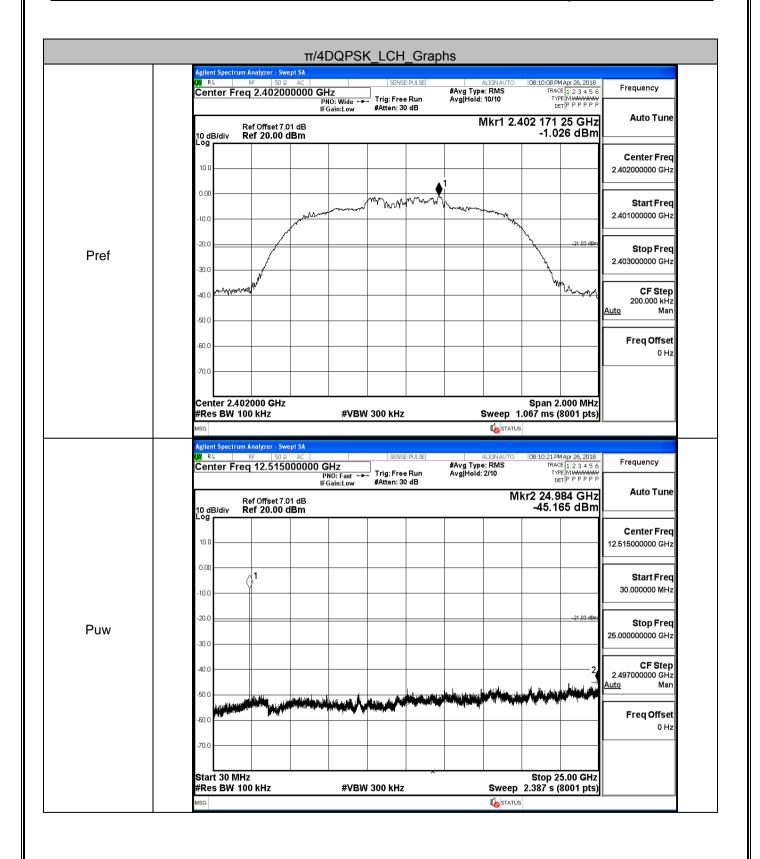
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	0.704	-45.596	-19.296	PASS
GFSK	MCH	-1.18	-45.983	-21.180	PASS
	HCH	-1.925	-45.692	-21.925	PASS
	LCH	-1.026	-45.165	-21.026	PASS
π/4DQPSK	MCH	-2.218	-43.902	-22.218	PASS
	HCH	-3.245	-45.242	-23.245	PASS
	LCH	-0.73	-45.947	-20.730	PASS
8DPSK	MCH	-3.002	-44.962	-23.002	PASS
	НСН	-2.888	-45.382	-22.888	PASS

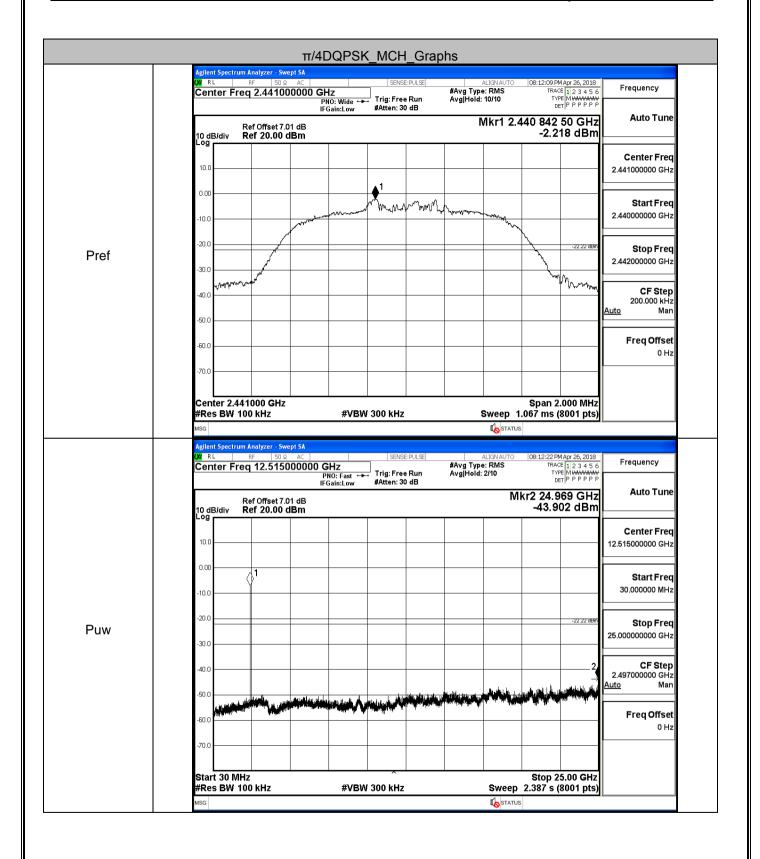


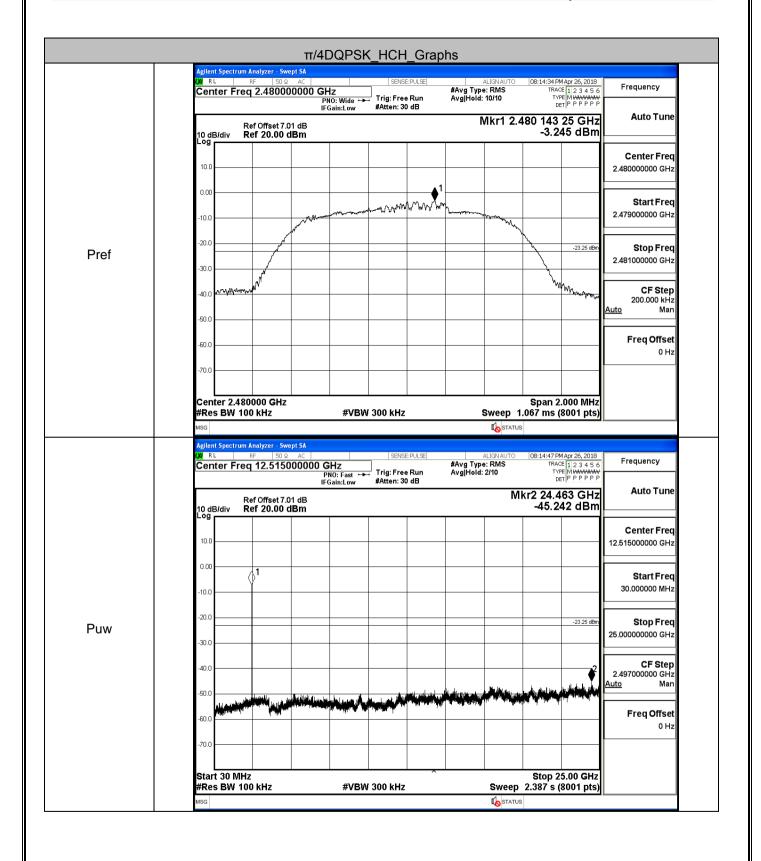
STATUS

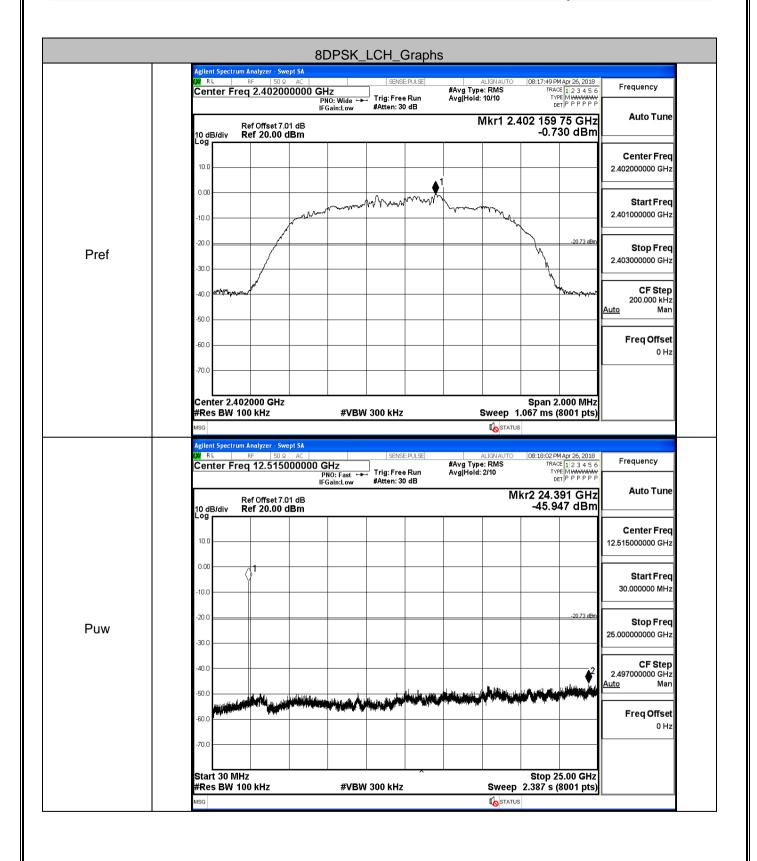


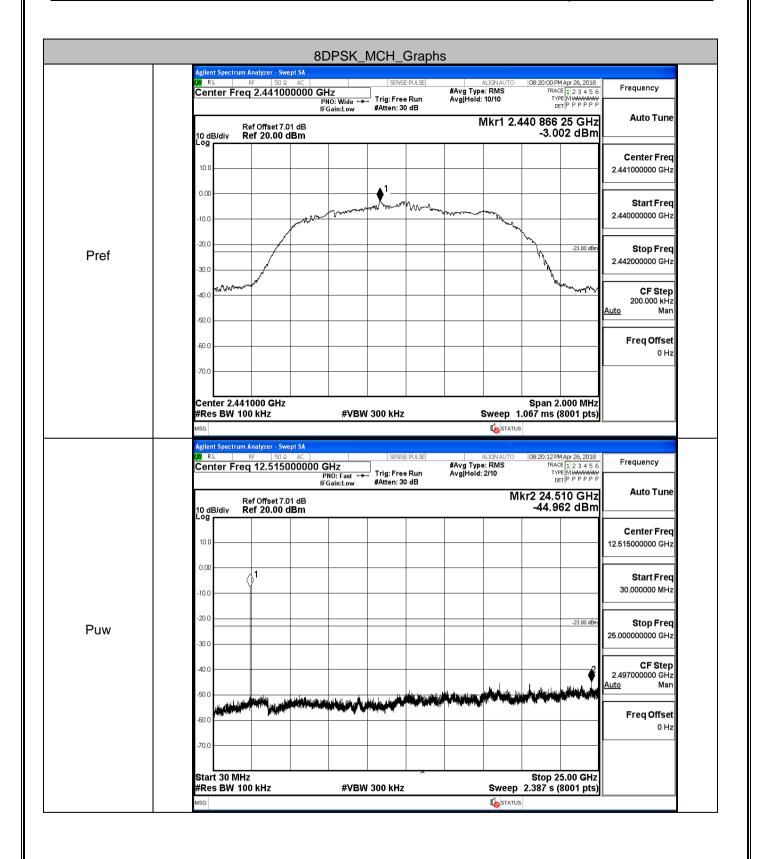


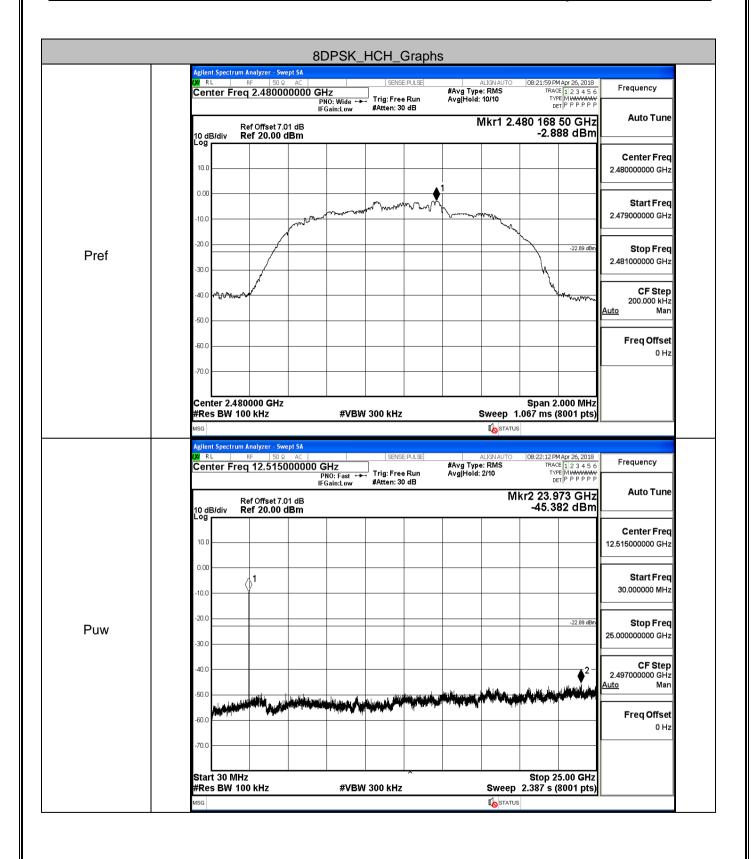






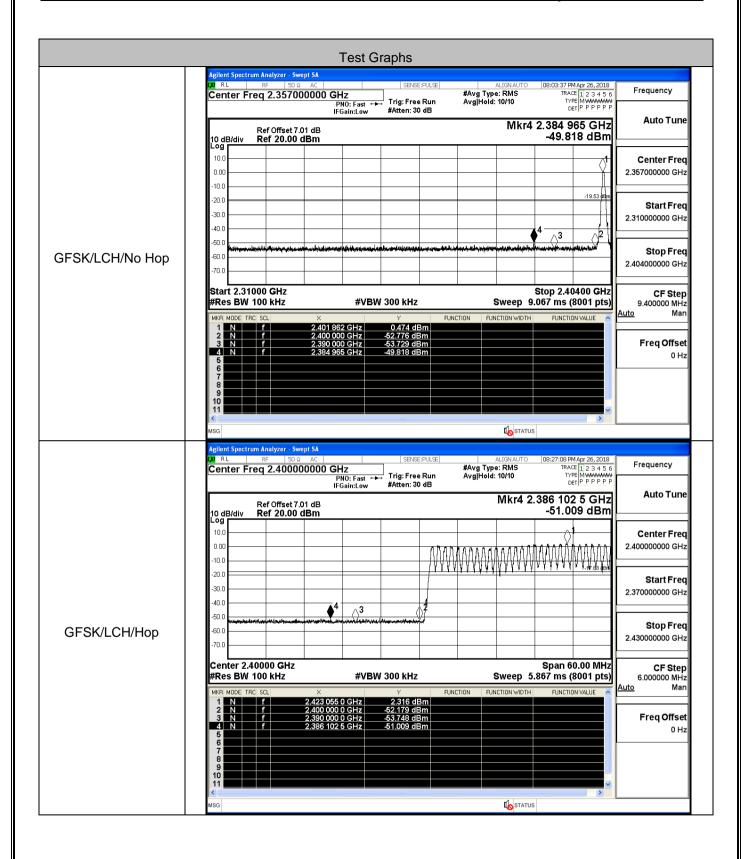


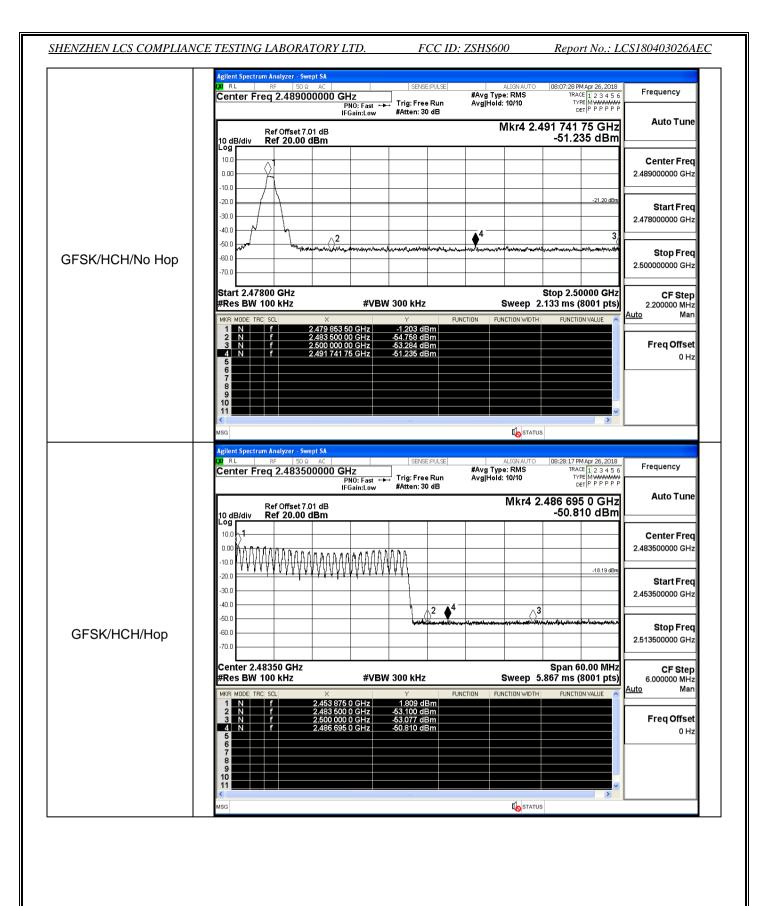


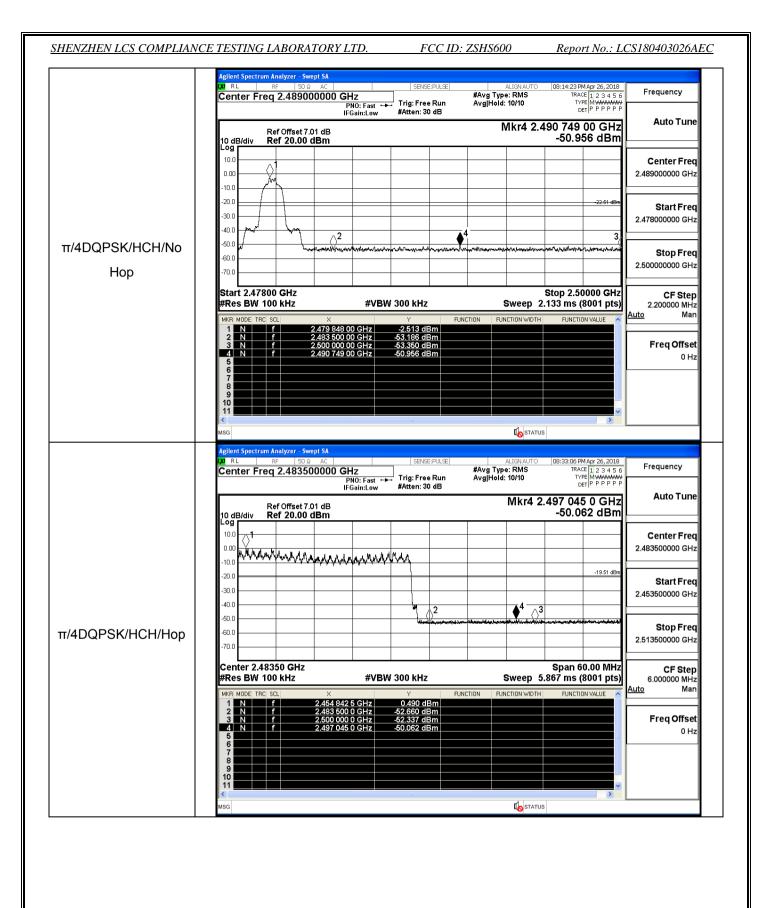


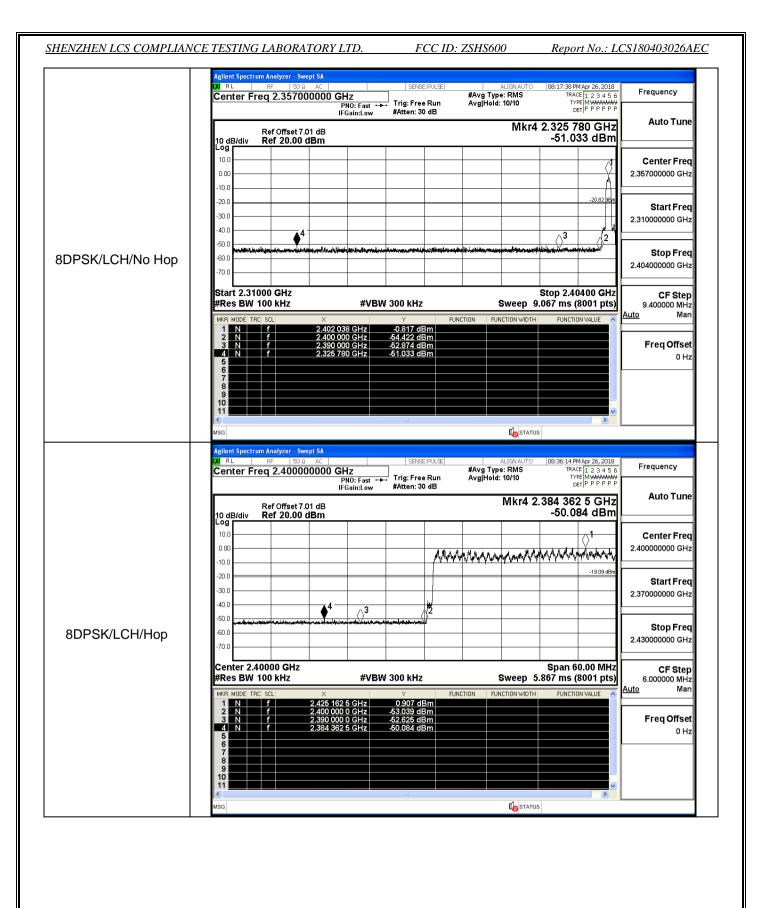
A.7 Band-edge for RF Conducted Emissions

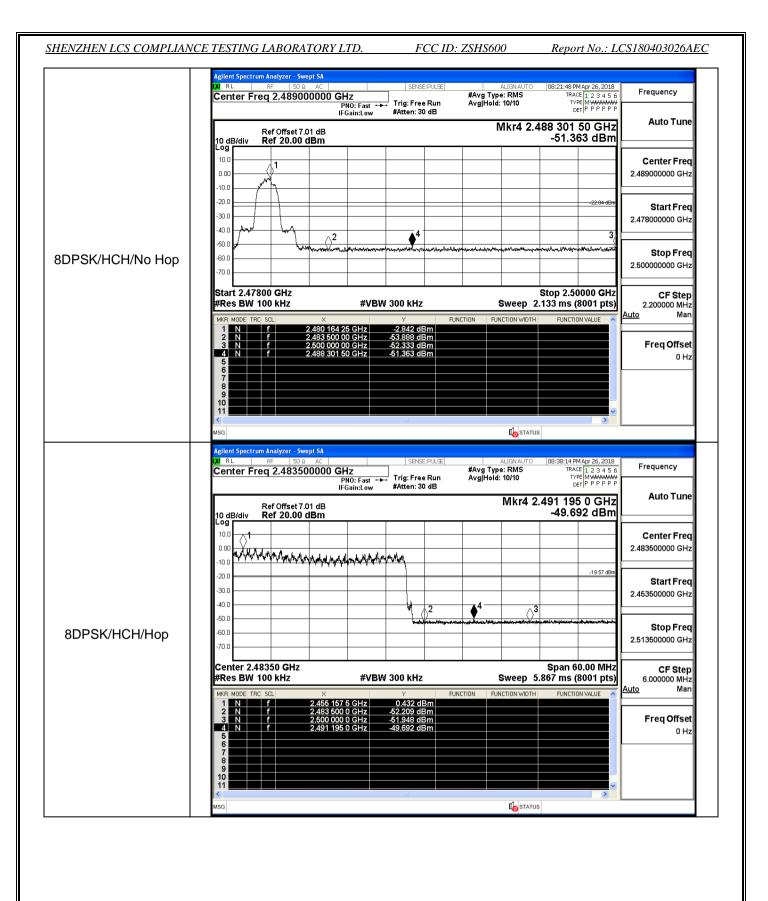
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
		0.400	0.474	Off	-49.818	-19.53	PASS	
0.501/	LCH	2402	2.316	On	-51.009	-17.68	PASS	
GFSK		2480	-1.203	Off	-51.235	-21.2	PASS	
	HCH		1.809	On	-50.810	-18.19	PASS	
	LCH			-1.369	Off	-50.719	-21.37	PASS
		2402	0.999	On	-49.855	-19	PASS	
π/4DQPSK	нсн		-2.513	Off	-50.956	-22.51	PASS	
		2480	0.490	On	-50.062	-19.51	PASS	
			-0.817	Off	-51.033	-20.82	PASS	
	LCH	2402	0.907	On	-50.084	-19.09	PASS	
8DPSK			-2.842	Off	-51.363	-22.84	PASS	
	HCH	2480	0.432	On	-49.692	-19.57	PASS	





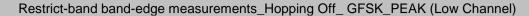


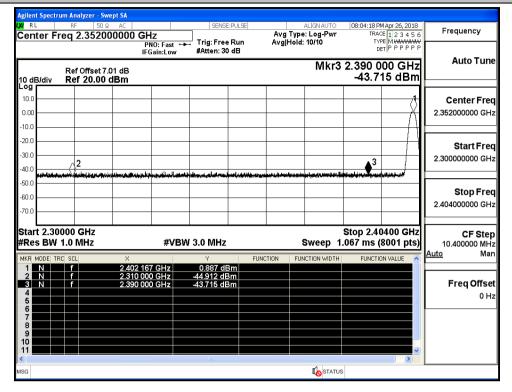




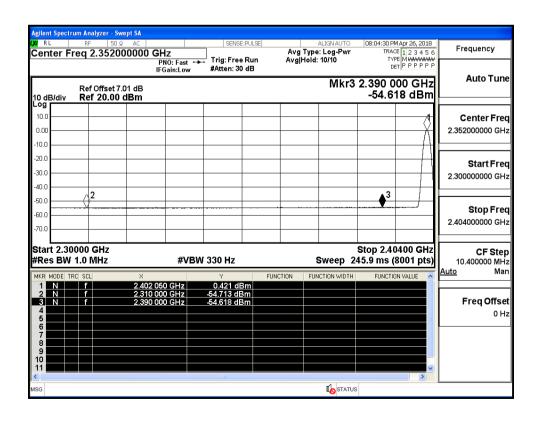
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-44.91	2.0	0	52.35	PEAK	74	PASS
	Off	2310.0	-54.71	2.0	0	42.54	AV	54	PASS
	Off	2390.0	-43.72	2.0	0	53.54	PEAK	74	PASS
	Off	2390.0	-54.62	2.0	0	42.64	AV	54	PASS
GFSK	Off	2483.5	-43.52	2.0	0	53.74	PEAK	74	PASS
	Off	2483.5	-54.25	2.0	0	43.01	AV	54	PASS
	Off	2500.0	-43.76	2.0	0	53.50	PEAK	74	PASS
	Off	2500.0	-54.06	2.0	0	43.20	AV	54	PASS
	Off	2310.0	-44.54	2.0	0	52.71	PEAK	74	PASS
	Off	2310.0	-54.78	2.0	0	42.48	AV	54	PASS
	Off	2390.0	-43.23	2.0	0	54.03	PEAK	74	PASS
	Off	2390.0	-54.55	2.0	0	42.71	AV	54	PASS
π/4DQPSK	Off	2483.5	-41.88	2.0	0	55.38	PEAK	74	PASS
	Off	2483.5	-54.11	2.0	0	43.15	AV	54	PASS
	Off	2500.0	-42.68	2.0	0	54.58	PEAK	74	PASS
	Off	2500.0	-54.02	2.0	0	43.24	AV	54	PASS
	Off	2310.0	-45.39	2.0	0	51.87	PEAK	74	PASS
	Off	2310.0	-54.70	2.0	0	42.56	AV	54	PASS
	Off	2390.0	-42.58	2.0	0	54.68	PEAK	74	PASS
	Off	2390.0	-54.55	2.0	0	42.70	AV	54	PASS
8DPSK	Off	2483.5	-43.51	2.0	0	53.75	PEAK	74	PASS
	Off	2483.5	-54.23	2.0	0	43.03	AV	54	PASS
	Off	2500.0	-44.23	2.0	0	53.03	PEAK	74	PASS
	Off	2500.0	-54.11	2.0	0	43.15	AV	54	PASS

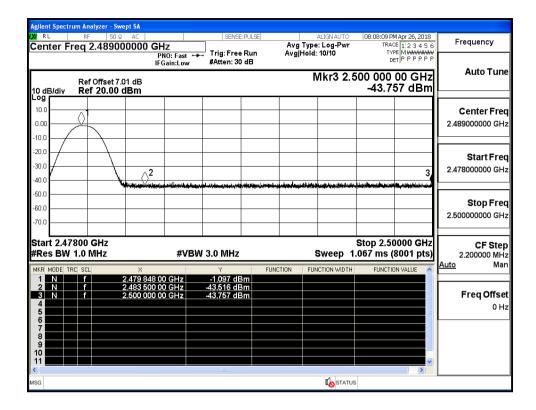




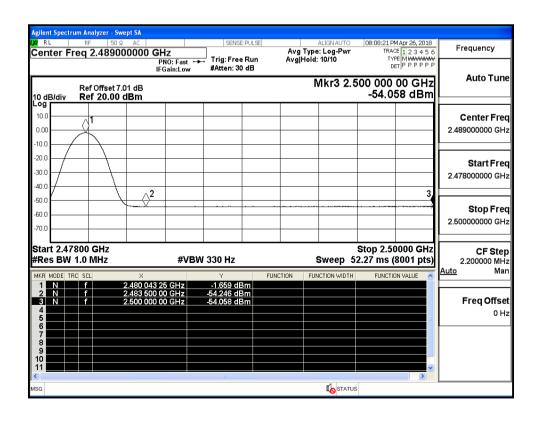
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



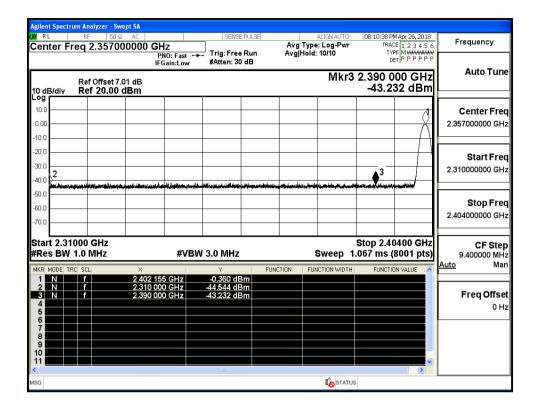
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



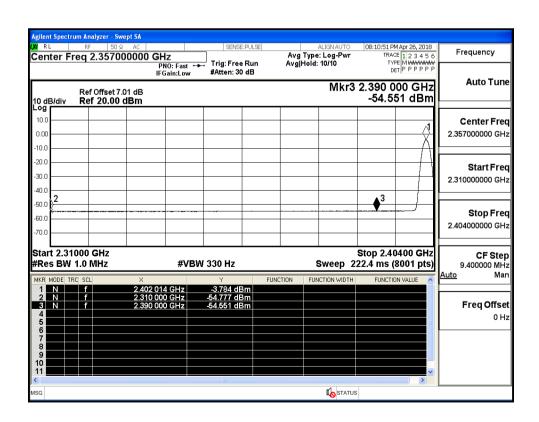
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



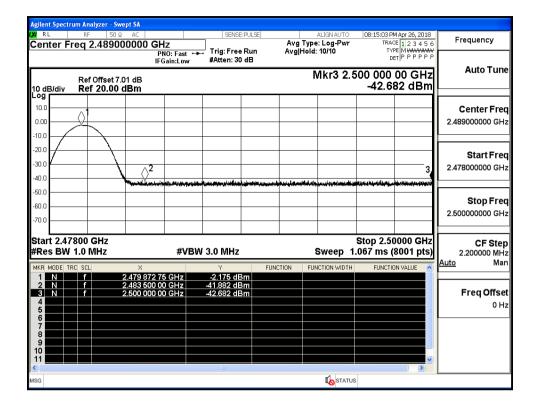
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



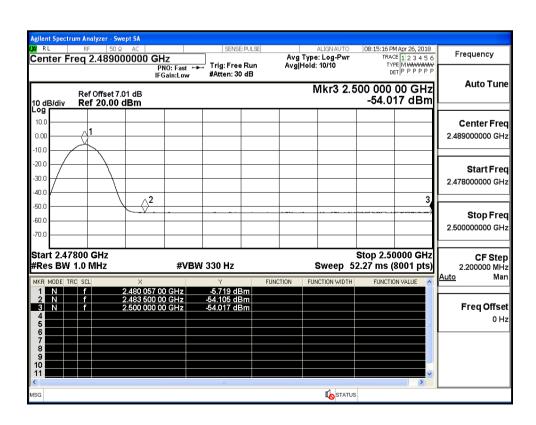
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



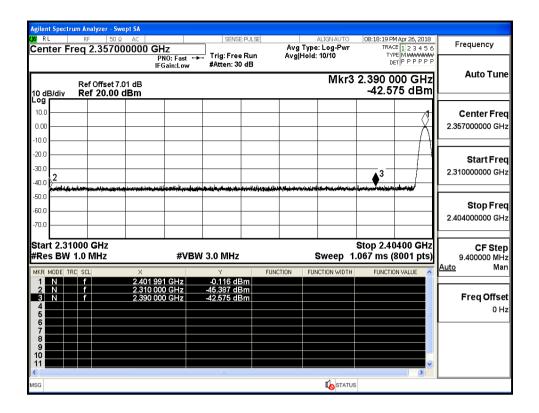
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



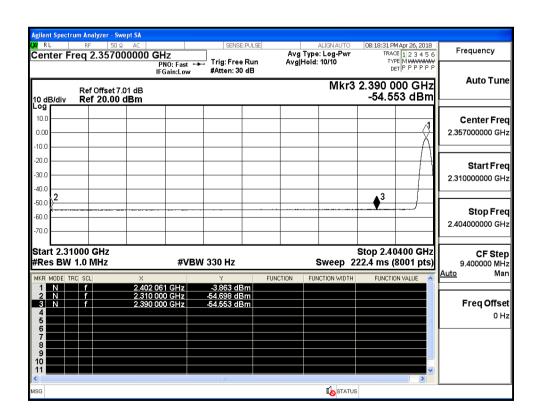
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



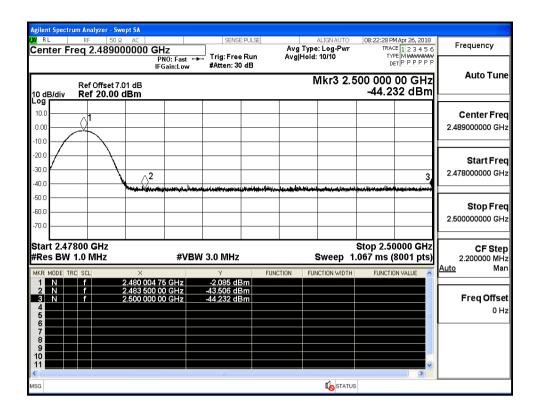
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (High Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (High Channel)

