Appendix A

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

Product Name: Feature phone Trade Mark: KENXINDA (Ken mobile)

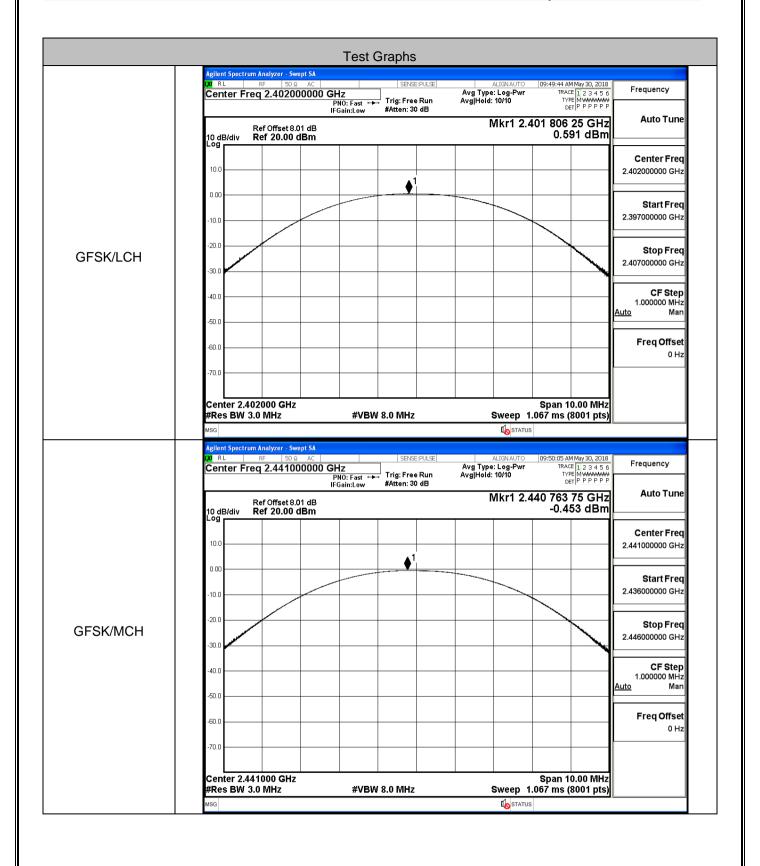
Test Model: R7700

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Jayden.Zhuo
Supervised by:	Dick.Su

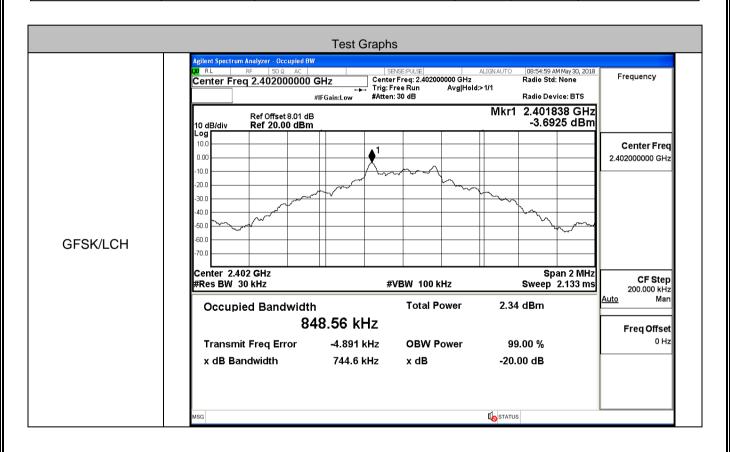
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Maximum Average Output Power [dBm]	Limit [dBm]	Verdict
	LCH	0.591	0.418	30	PASS
GFSK	MCH	-0.453	-0.624	30	PASS
	НСН	-0.607	-0.791	30	PASS
	LCH	-0.453	-0.602	21	PASS
π/4DQPSK	MCH	-1.315	-1.513	21	PASS
	HCH	-1.544	-1.704	21	PASS
	LCH	-0.419	-0.621	21	PASS
8DPSK	MCH	-1.240	-1.403	21	PASS
	НСН	-1.433	-1.604	21	PASS



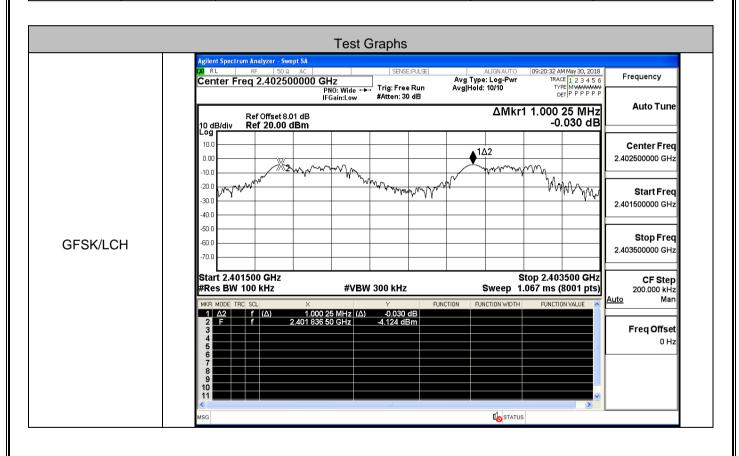
A.2 20dB Bandwidth

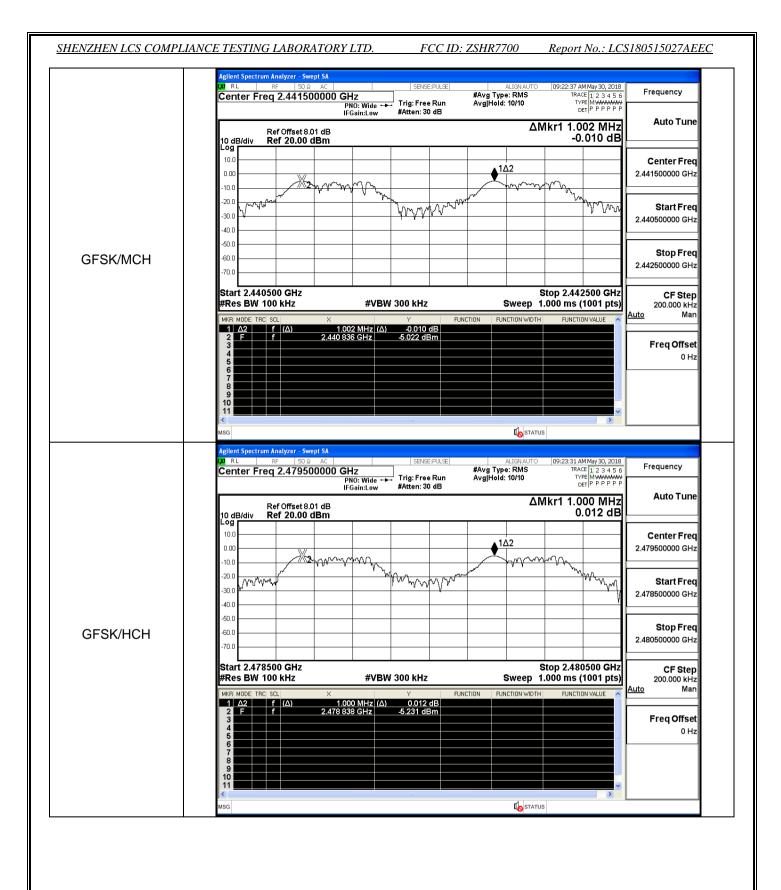
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.7446	Not Specified	PASS
GFSK	MCH	0.8355	Not Specified	PASS
	НСН	0.8397	Not Specified	PASS
	LCH	1.113	Not Specified	PASS
π/4DQPSK	MCH	1.115	Not Specified	PASS
	НСН	1.117	Not Specified	PASS
8DPSK	LCH	1.119	Not Specified	PASS
	MCH	1.118	Not Specified	PASS
	HCH	1.114	Not Specified	PASS

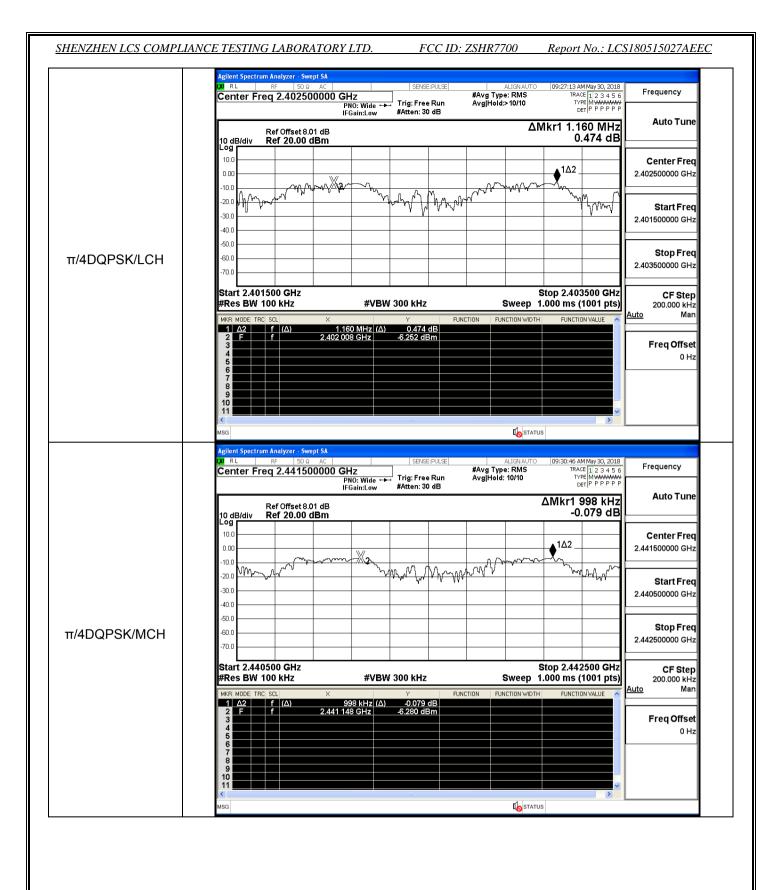


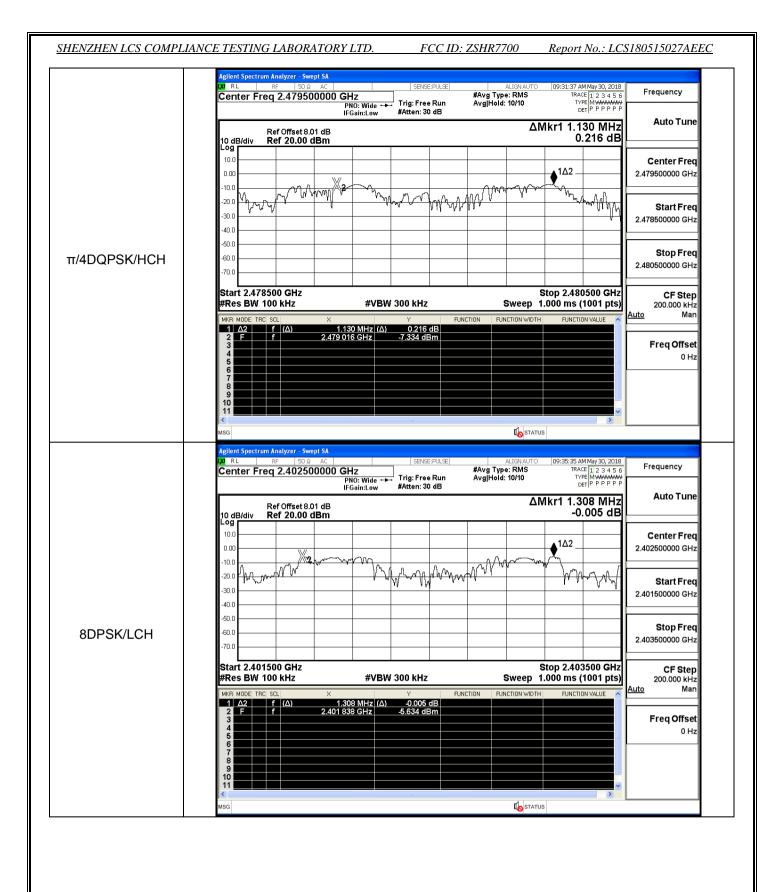
A.3 Carrier Frequency Separation

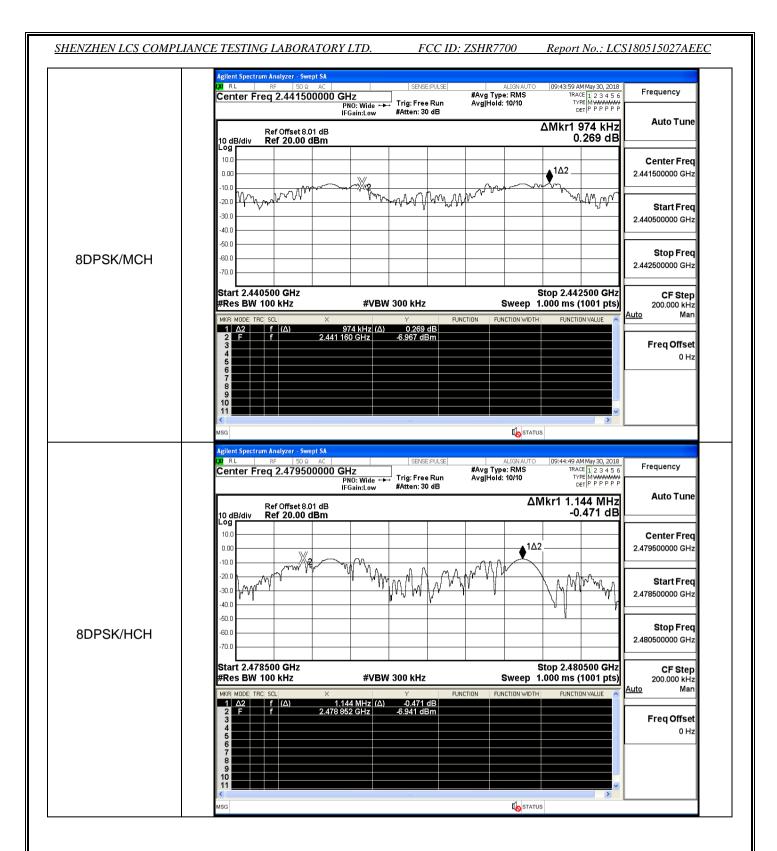
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.000	0.560	PASS
GFSK	MCH	1.002	0.560	PASS
	HCH	1.000	0.560	PASS
	LCH	1.160	0.745	PASS
π/4DQPSK	MCH	0.998	0.745	PASS
	HCH	1.130	0.745	PASS
8DPSK	LCH	1.308	0.746	PASS
	MCH	0.974	0.746	PASS
	HCH	1.144	0.746	PASS









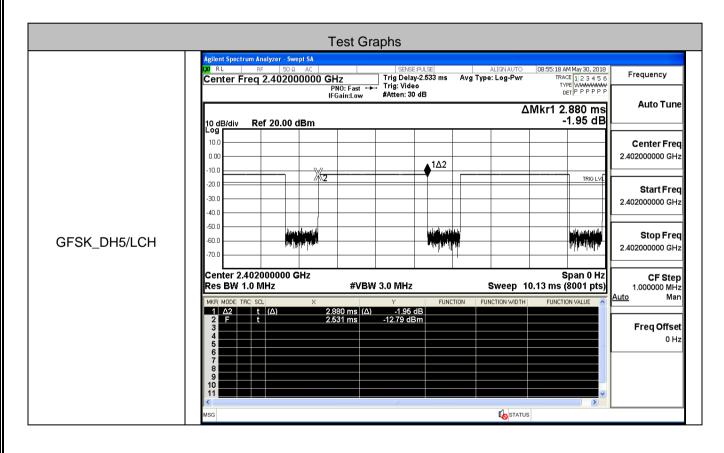


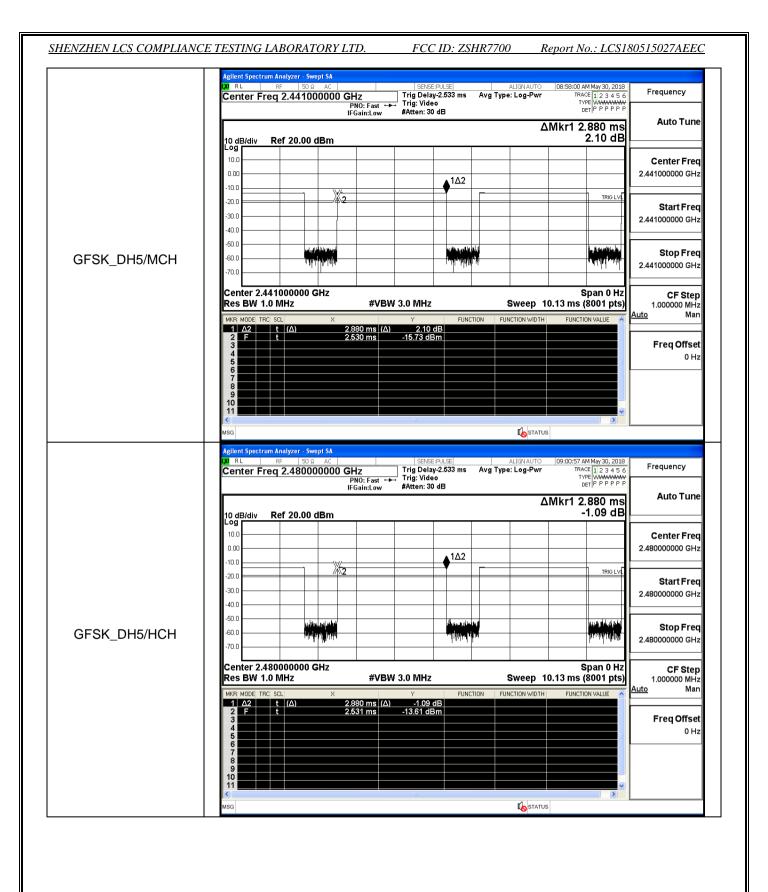
A.4 Hopping Channel Number

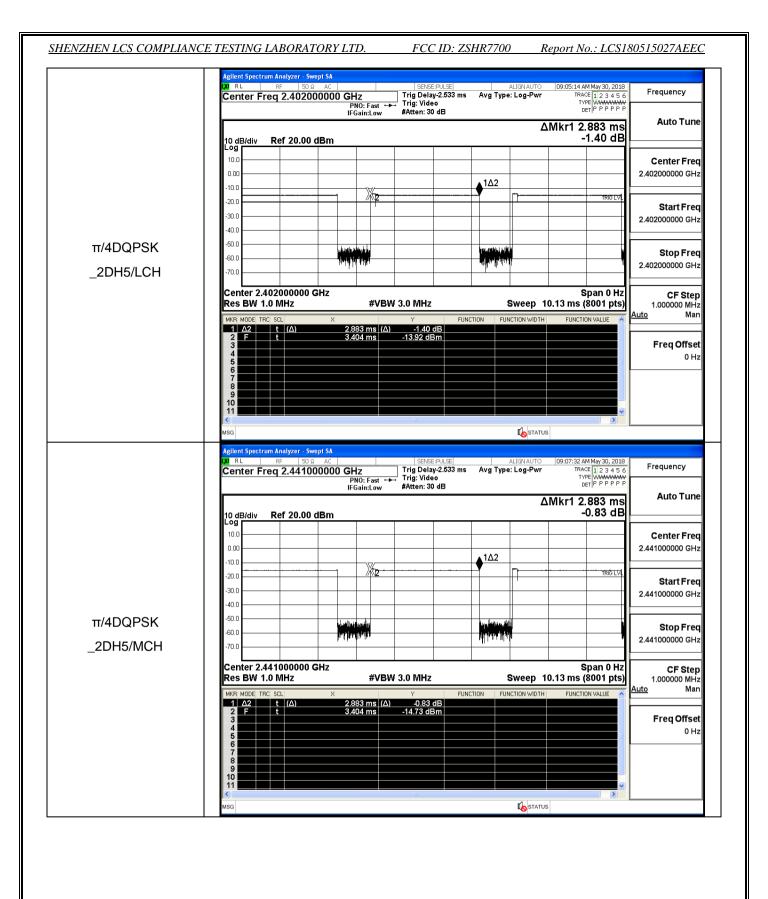
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

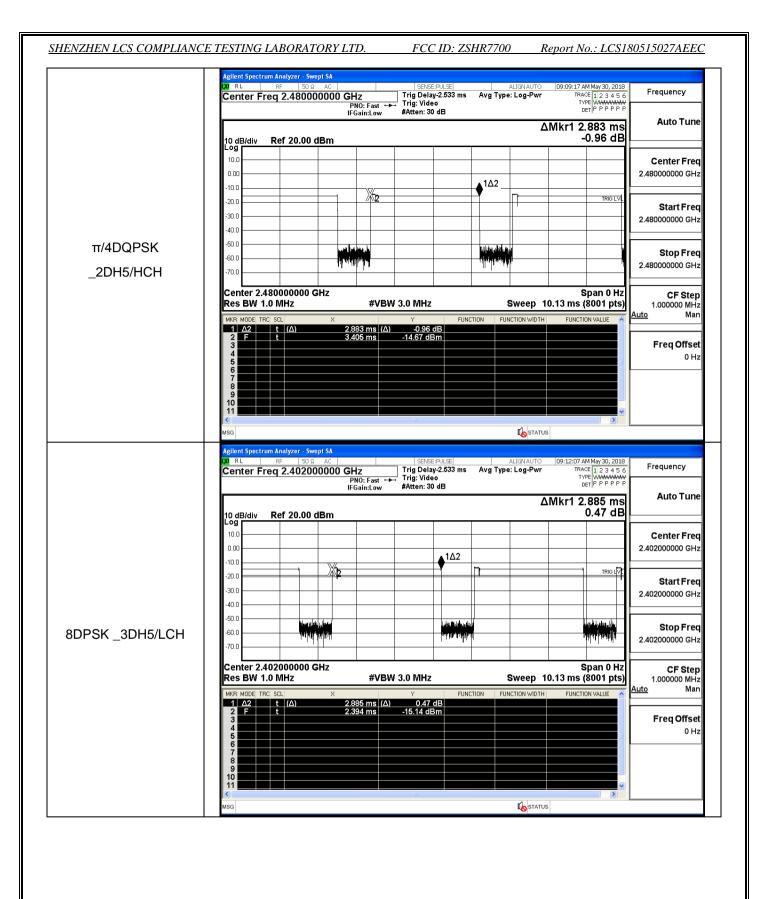
A.5 Dwell Time

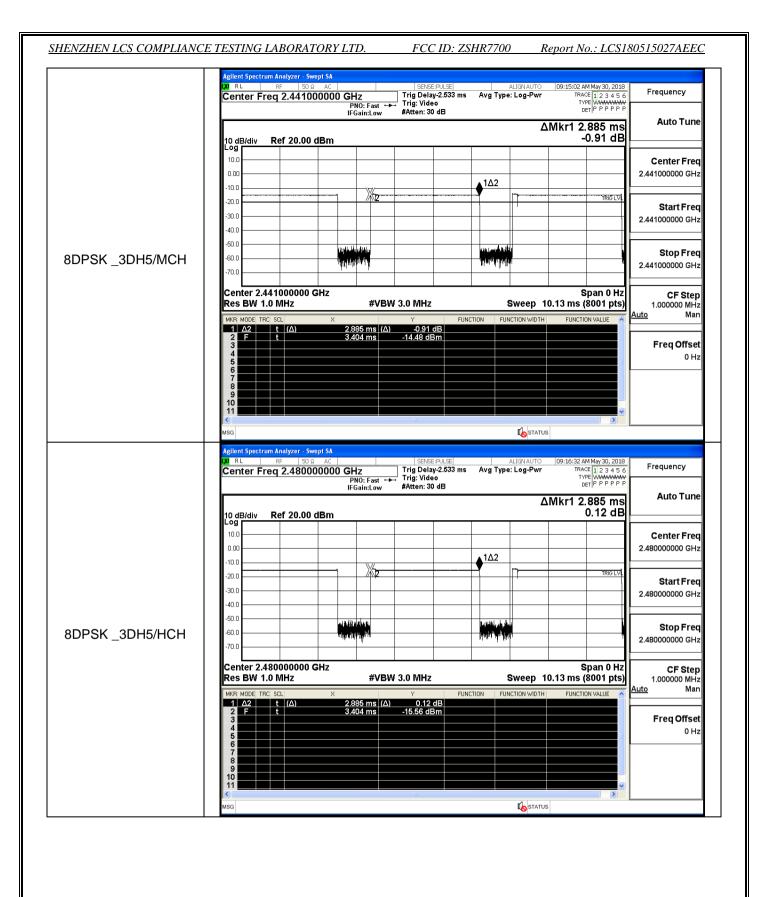
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.88	106.7	0.308	0.4	PASS
	3DH5	MCH	2.88	106.7	0.308	0.4	PASS
	3DH5	HCH	2.88	106.7	0.308	0.4	PASS





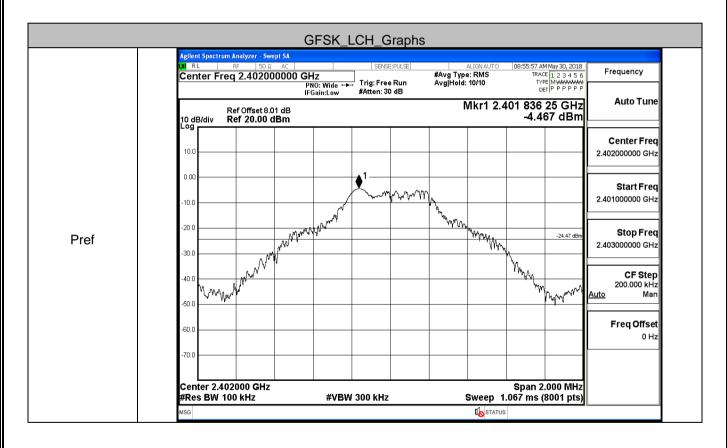


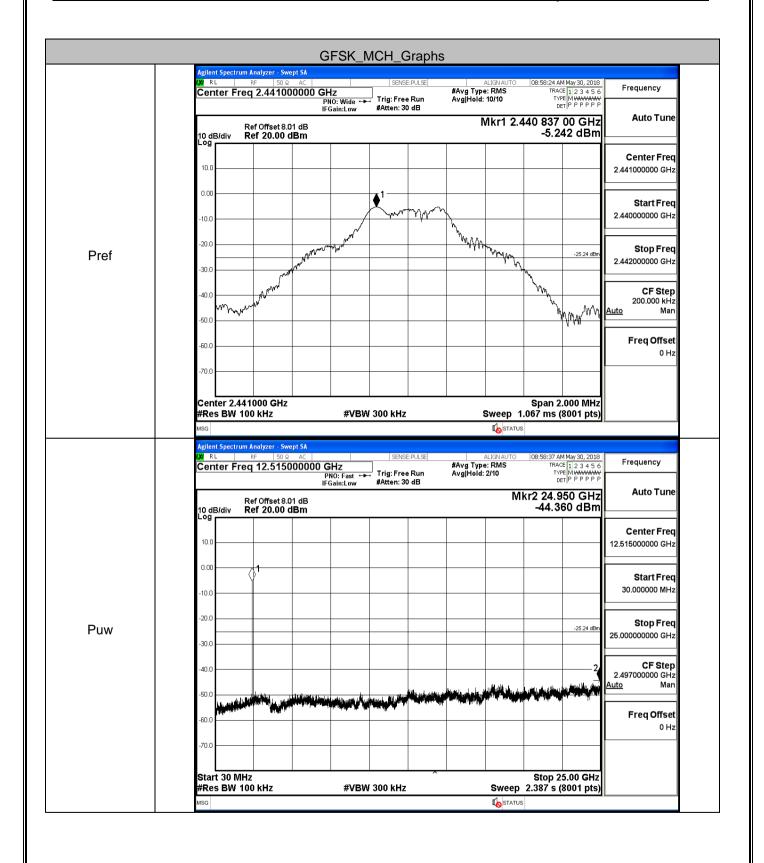


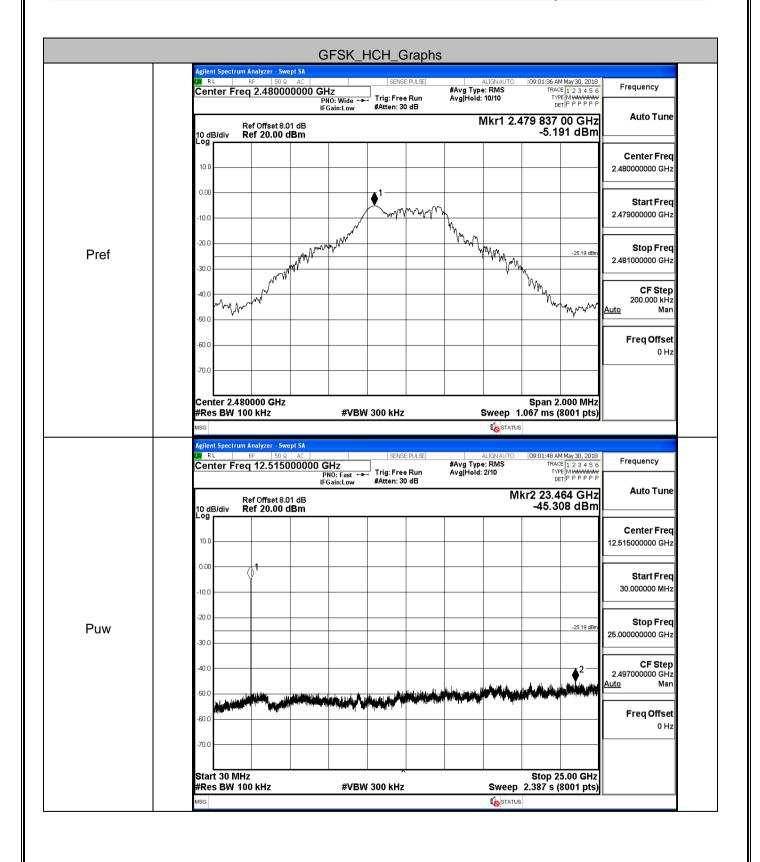


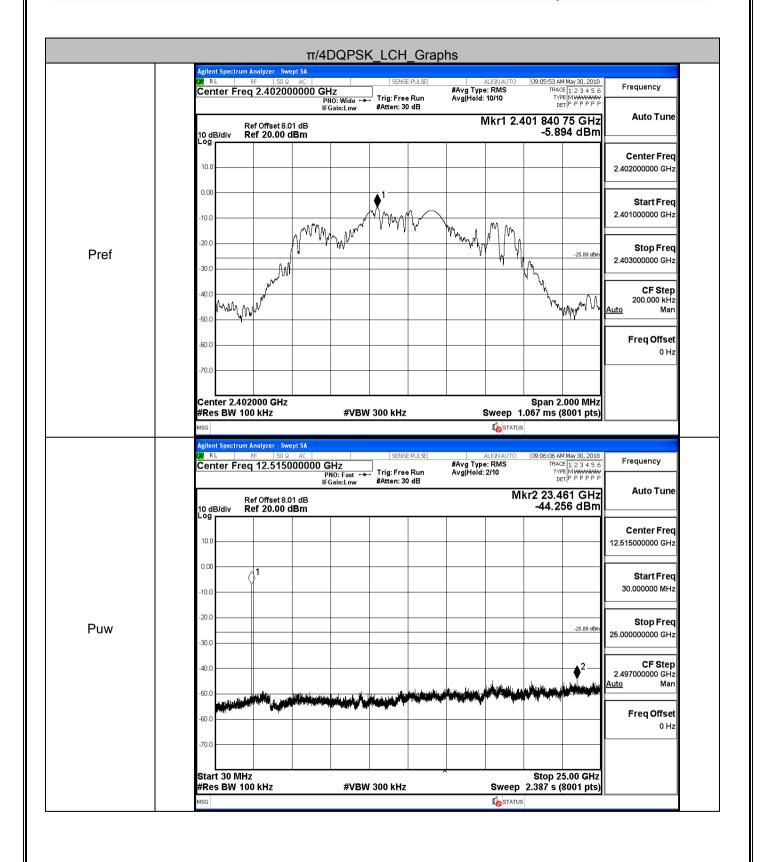
A.6 RF Conducted Spurious Emissions

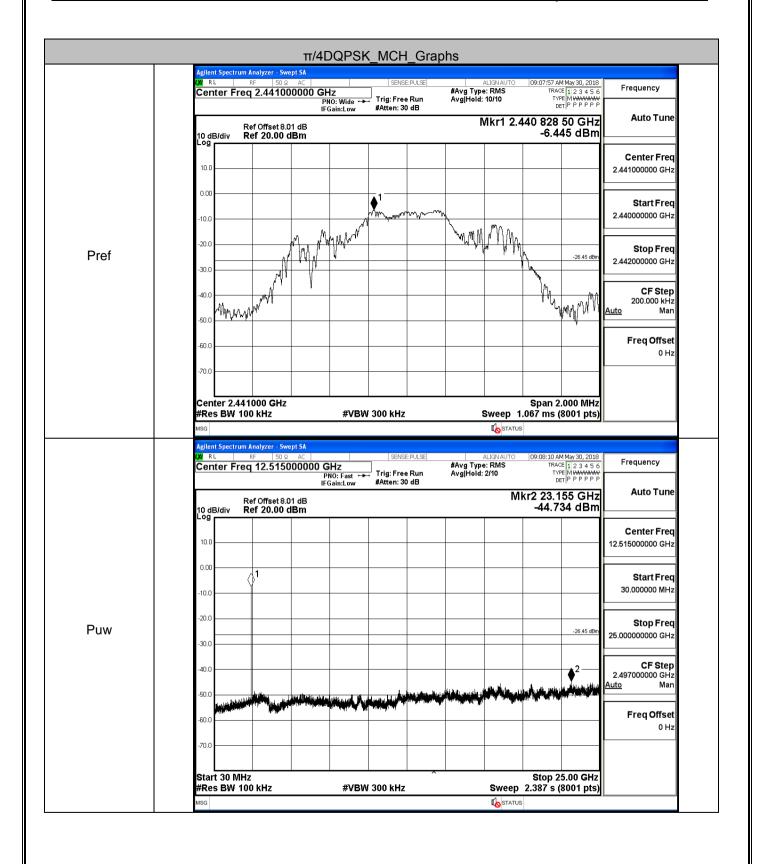
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-4.467	-43.875	-24.467	PASS
GFSK	MCH	-5.242	-44.360	-25.242	PASS
	HCH	-5.191	-45.308	-25.191	PASS
	LCH	-5.894	-44.256	-25.894	PASS
π/4DQPSK	MCH	-6.445	-44.734	-26.445	PASS
	HCH	-6.213	-45.097	-26.213	PASS
	LCH	-6.329	-44.577	-26.329	PASS
8DPSK	MCH	-6.163	-44.416	-26.163	PASS
	HCH	-6.517	-45.288	-26.517	PASS

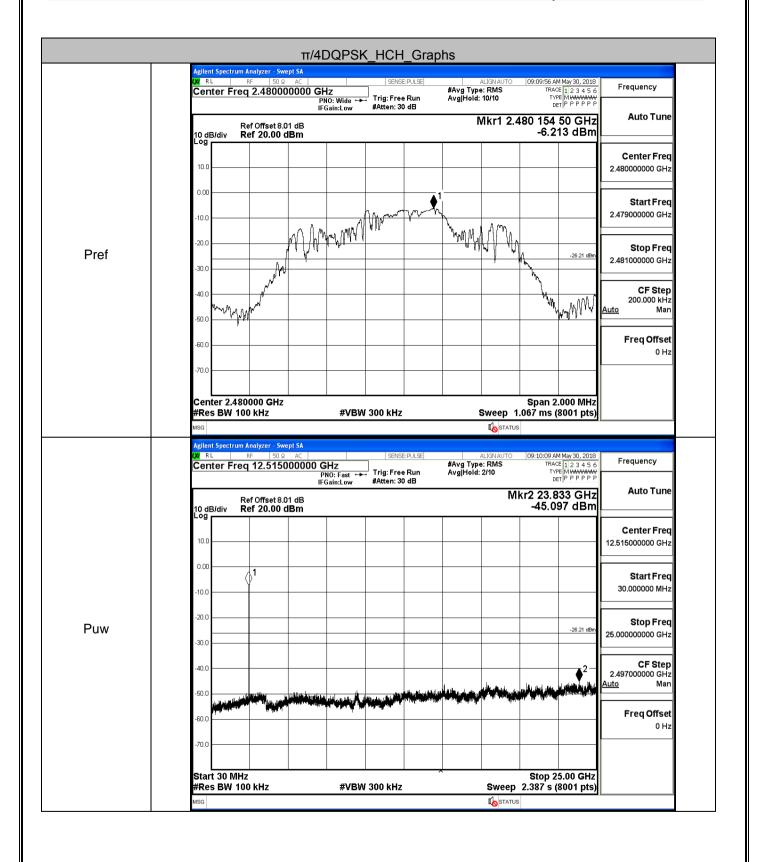


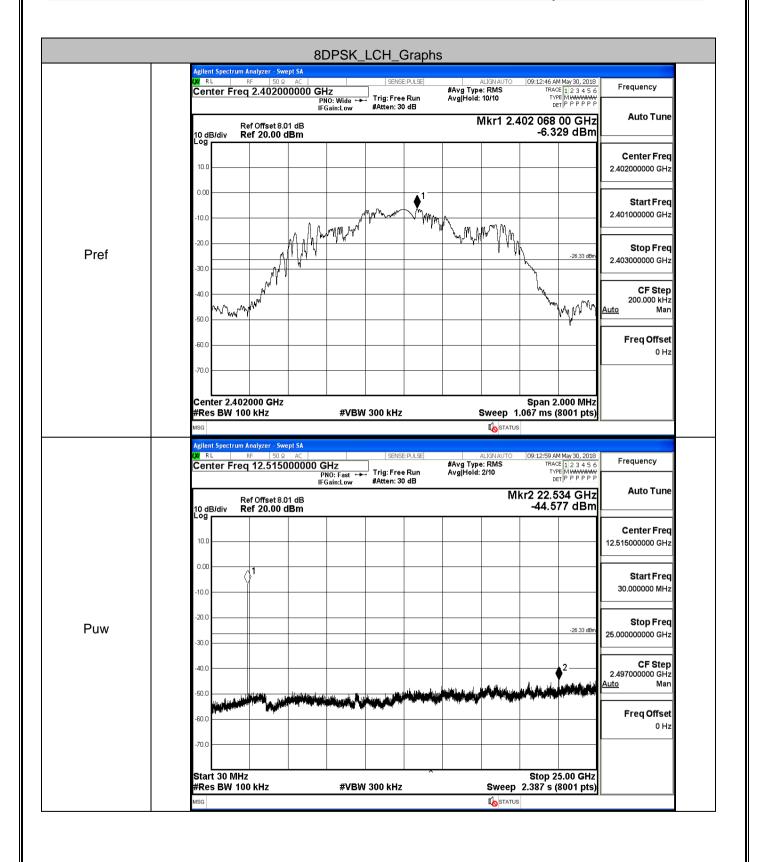


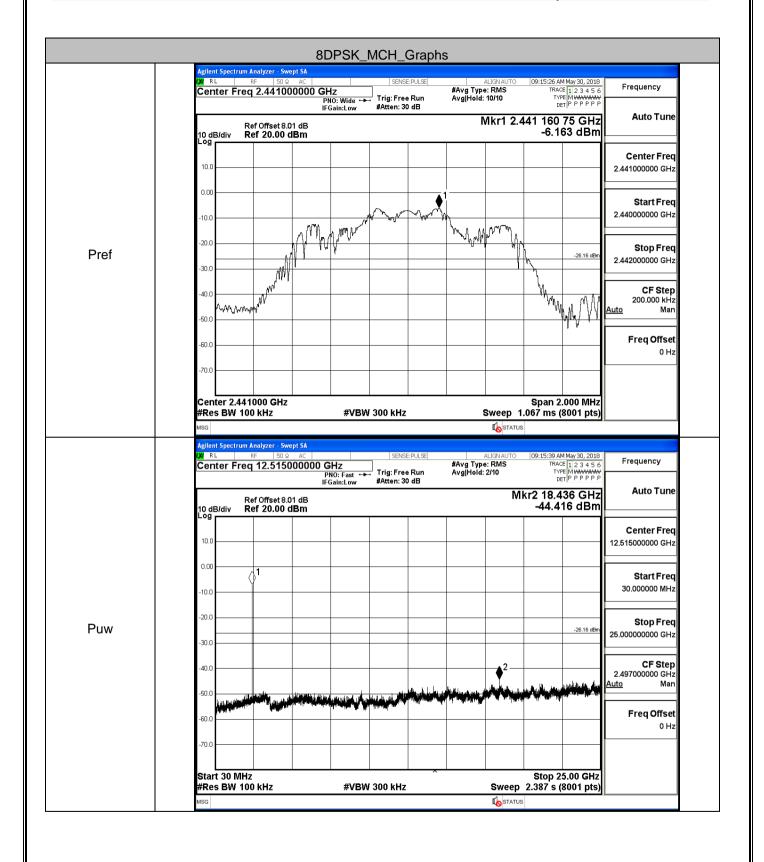


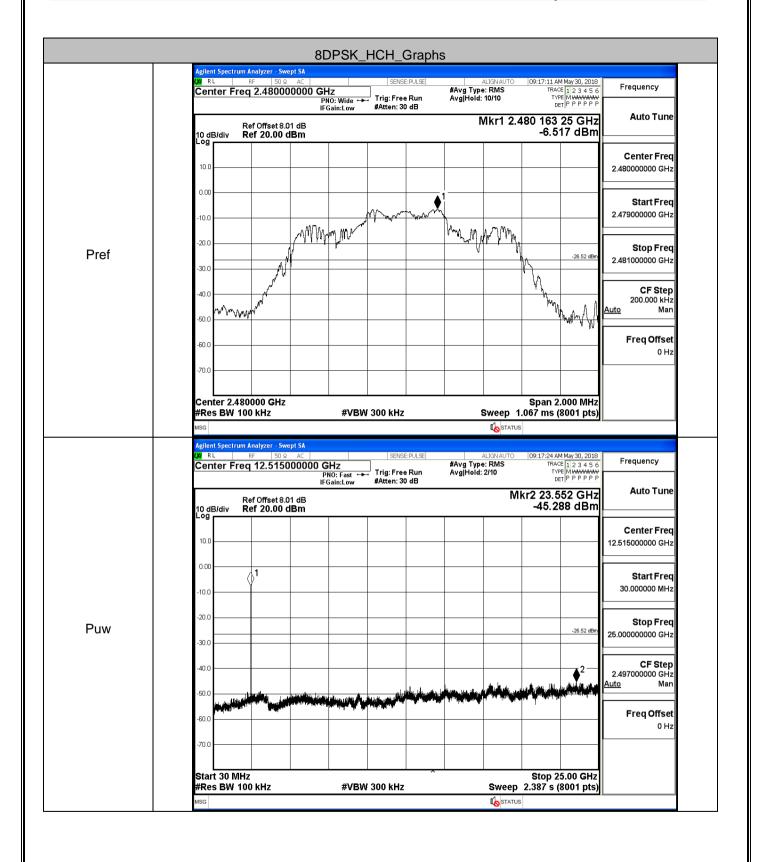






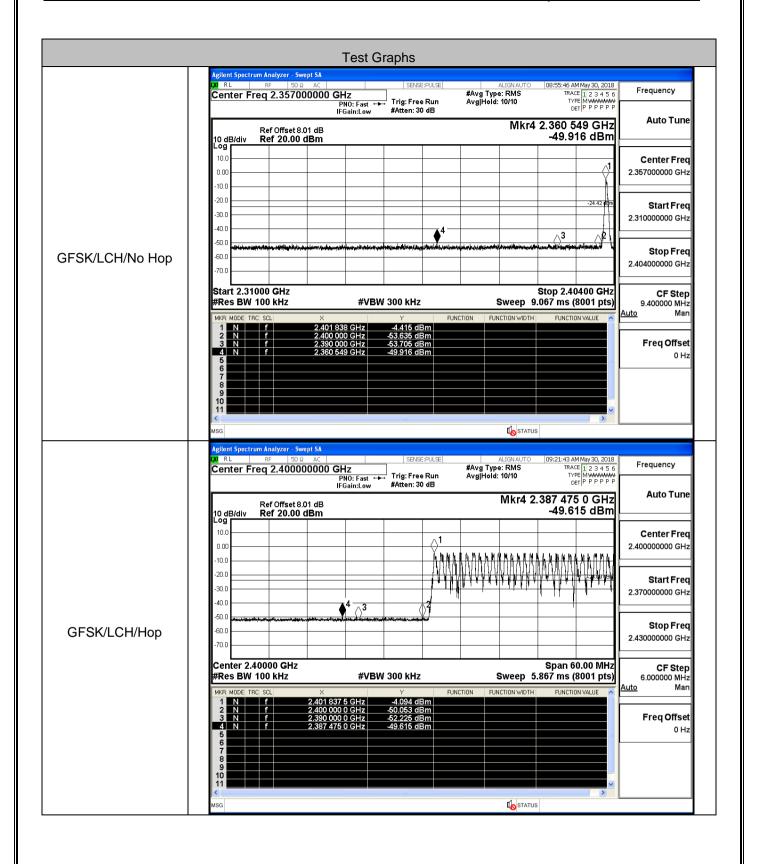


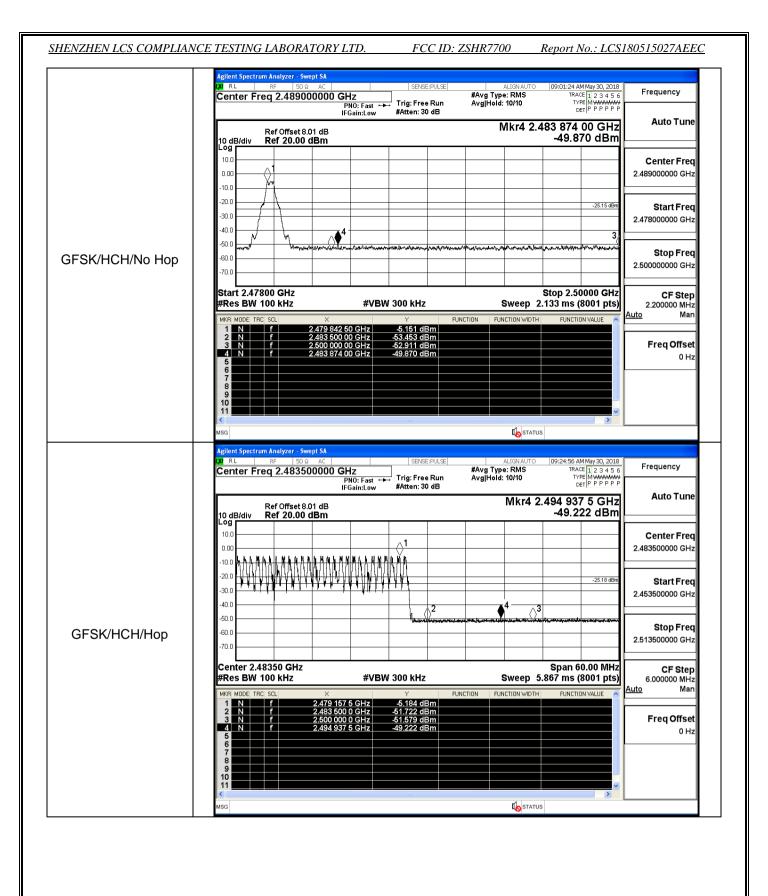


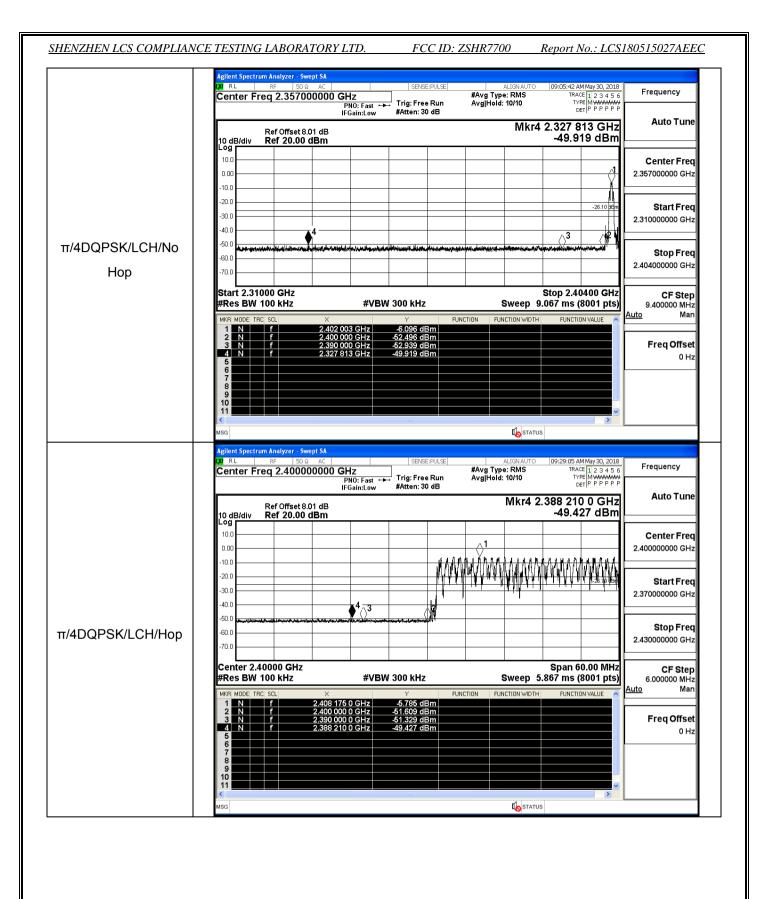


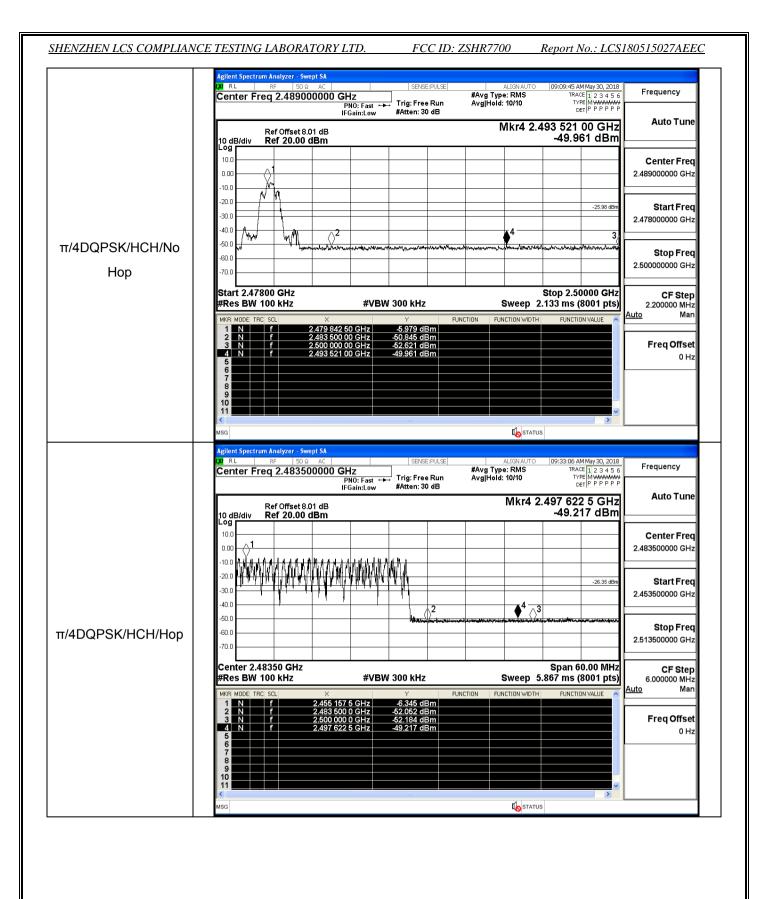
A.7 Band-edge for RF Conducted Emissions

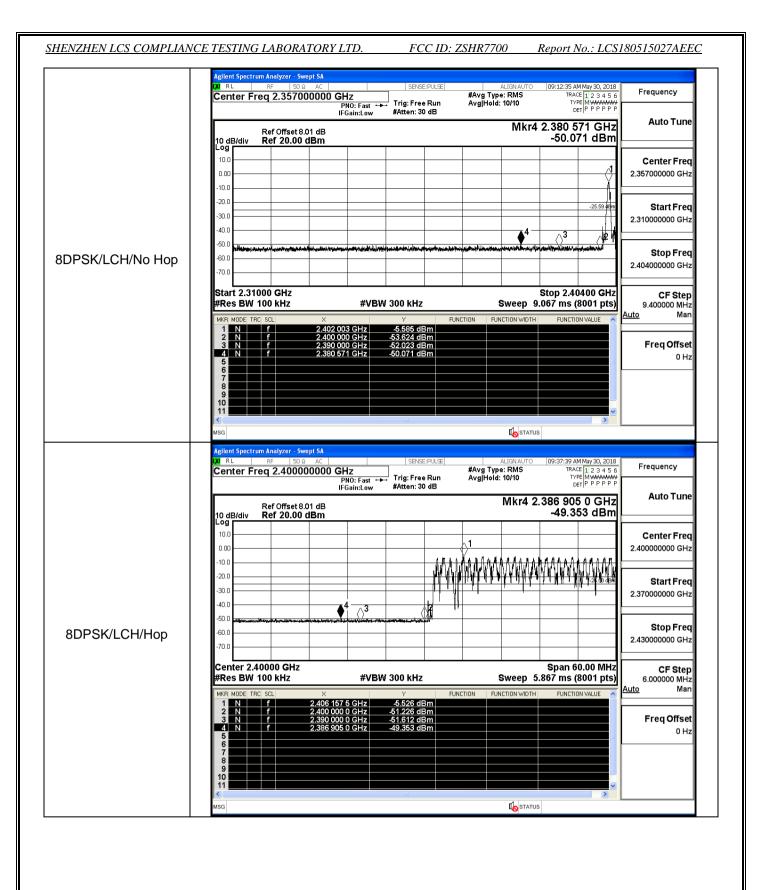
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict		
			-4.415	Off	-49.916	-24.42	PASS		
0.501/	LCH	2402	-4.094	On	-49.615	-24.09	PASS		
GFSK	нсн		-5.151	Off	-49.870	-25.15	PASS		
		2480	-5.184	On	-49.222	-25.18	PASS		
	LCH				-6.096	Off	-49.919	-26.1	PASS
		2402	-5.785	On	-49.427	-25.79	PASS		
π/4DQPSK	нсн		-5.979	Off	-49.961	-25.98	PASS		
		2480	-6.345	On	-49.217	-26.35	PASS		
			-5.585	Off	-50.071	-25.59	PASS		
	LCH	2402	-5.526	On	-49.353	-25.53	PASS		
8DPSK			-7.003	Off	-50.156	-27	PASS		
	HCH	2480	-6.389	On	-49.566	-26.39	PASS		

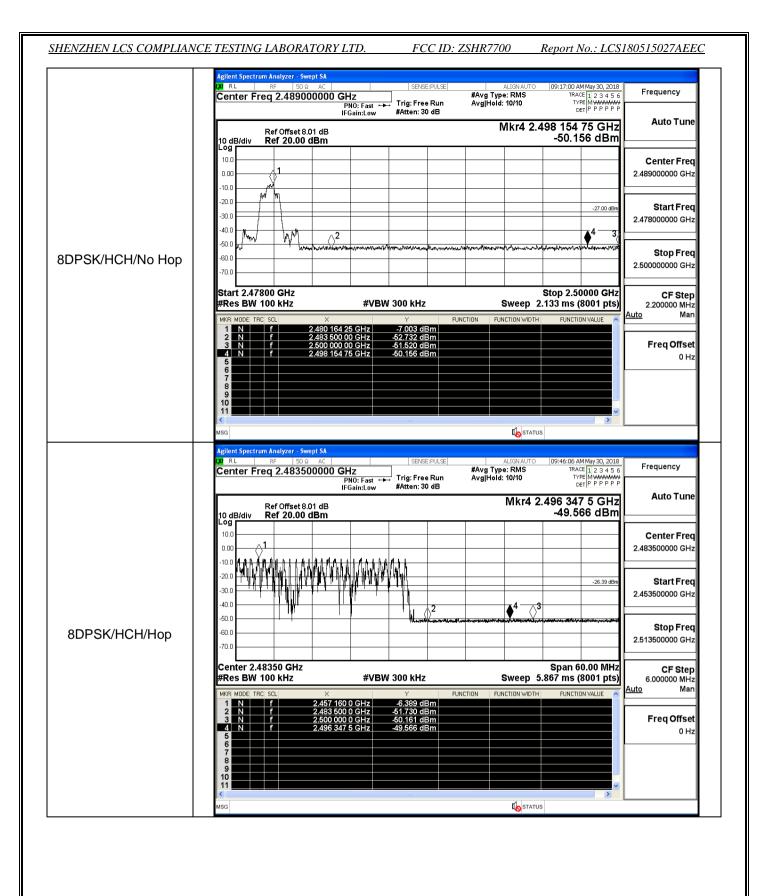








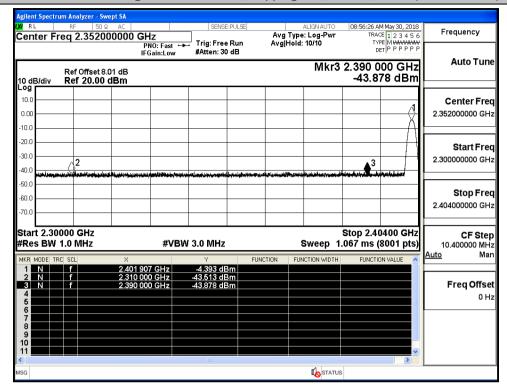




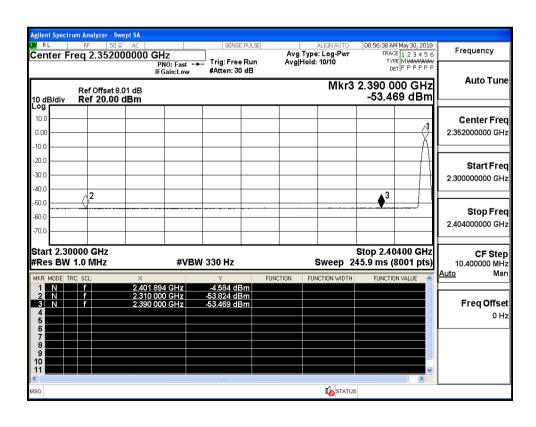
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.51	2.0	0	53.74	PEAK	74	PASS
	Off	2310.0	-53.82	2.0	0	43.43	AV	54	PASS
	Off	2390.0	-43.88	2.0	0	53.38	PEAK	74	PASS
	Off	2390.0	-53.47	2.0	0	43.79	AV	54	PASS
GFSK	Off	2483.5	-44.51	2.0	0	52.74	PEAK	74	PASS
	Off	2483.5	-53.24	2.0	0	44.02	AV	54	PASS
	Off	2500.0	-42.40	2.0	0	54.86	PEAK	74	PASS
	Off	2500.0	-53.17	2.0	0	44.09	AV	54	PASS
	Off	2310.0	-44.27	2.0	0	52.98	PEAK	74	PASS
	Off	2310.0	-53.72	2.0	0	43.54	AV	54	PASS
	Off	2390.0	-42.39	2.0	0	54.87	PEAK	74	PASS
	Off	2390.0	-53.52	2.0	0	43.74	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.97	2.0	0	54.28	PEAK	74	PASS
	Off	2483.5	-53.27	2.0	0	43.99	AV	54	PASS
	Off	2500.0	-42.41	2.0	0	54.84	PEAK	74	PASS
	Off	2500.0	-53.08	2.0	0	44.18	AV	54	PASS
	Off	2310.0	-43.57	2.0	0	53.69	PEAK	74	PASS
	Off	2310.0	-53.79	2.0	0	43.46	AV	54	PASS
	Off	2390.0	-43.73	2.0	0	53.53	PEAK	74	PASS
	Off	2390.0	-53.43	2.0	0	43.83	AV	54	PASS
8DPSK	Off	2483.5	-42.95	2.0	0	54.31	PEAK	74	PASS
	Off	2483.5	-53.20	2.0	0	44.06	AV	54	PASS
	Off	2500.0	-42.27	2.0	0	54.99	PEAK	74	PASS
	Off	2500.0	-53.07	2.0	0	44.18	AV	54	PASS

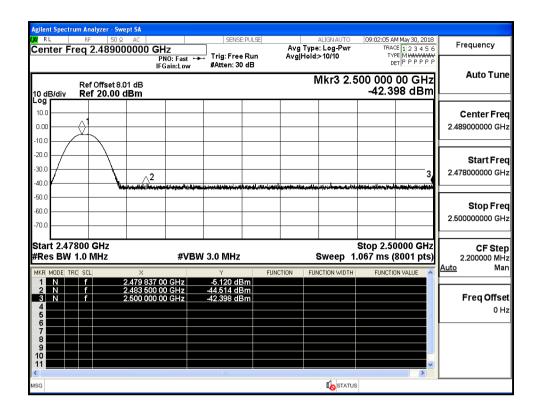
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



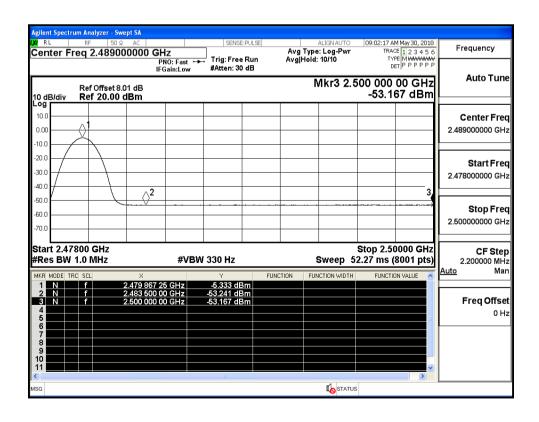
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



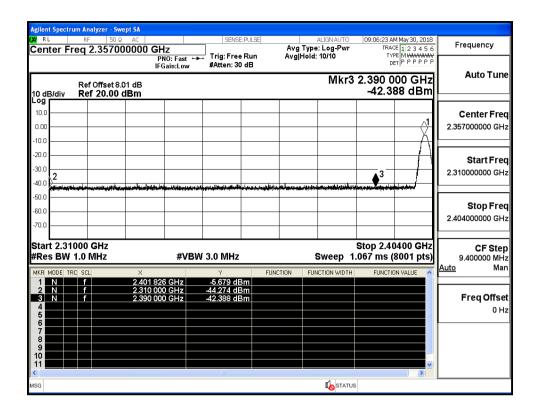
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



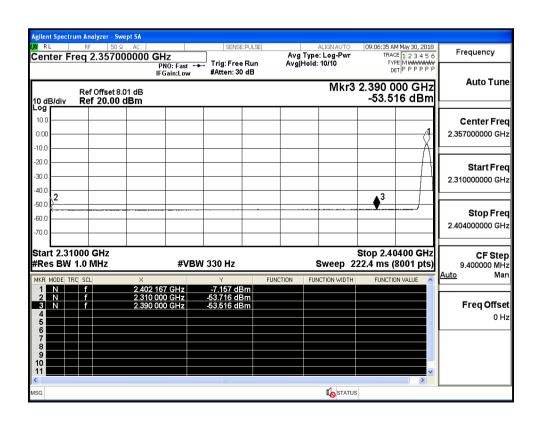
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



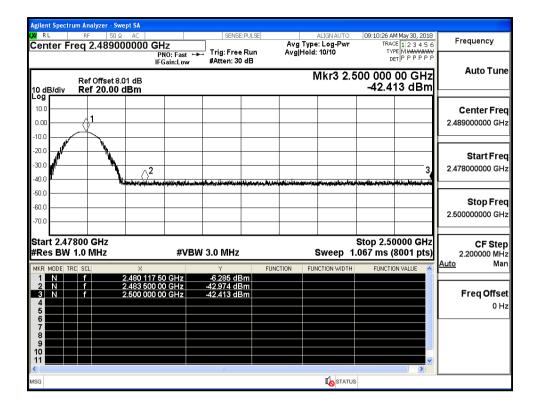
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



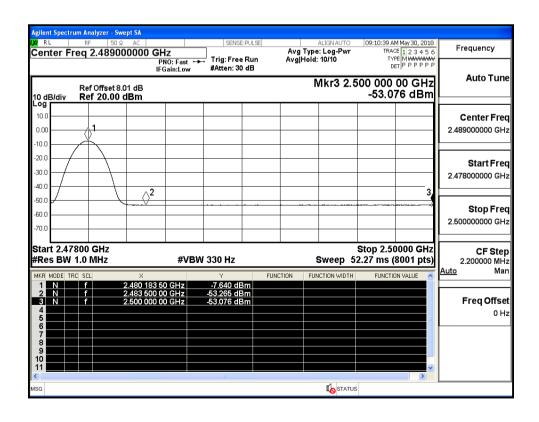
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



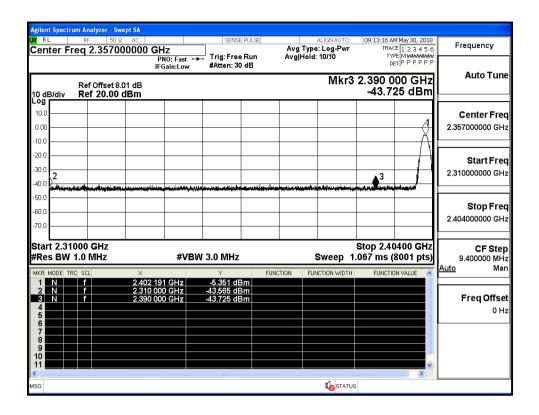
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



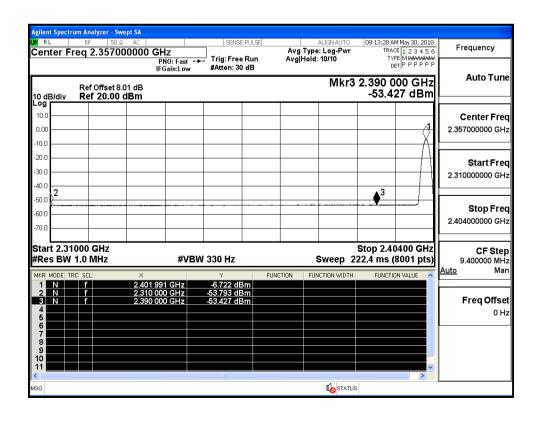
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



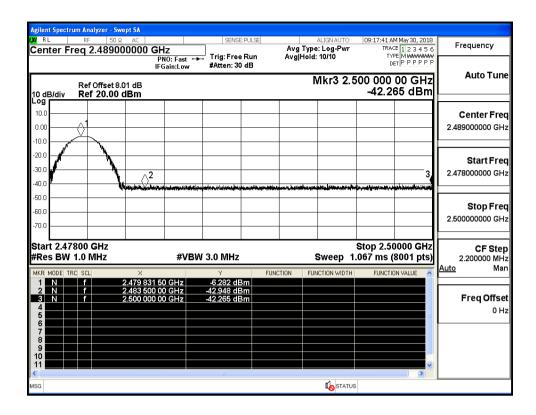
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

