Appendix A

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

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

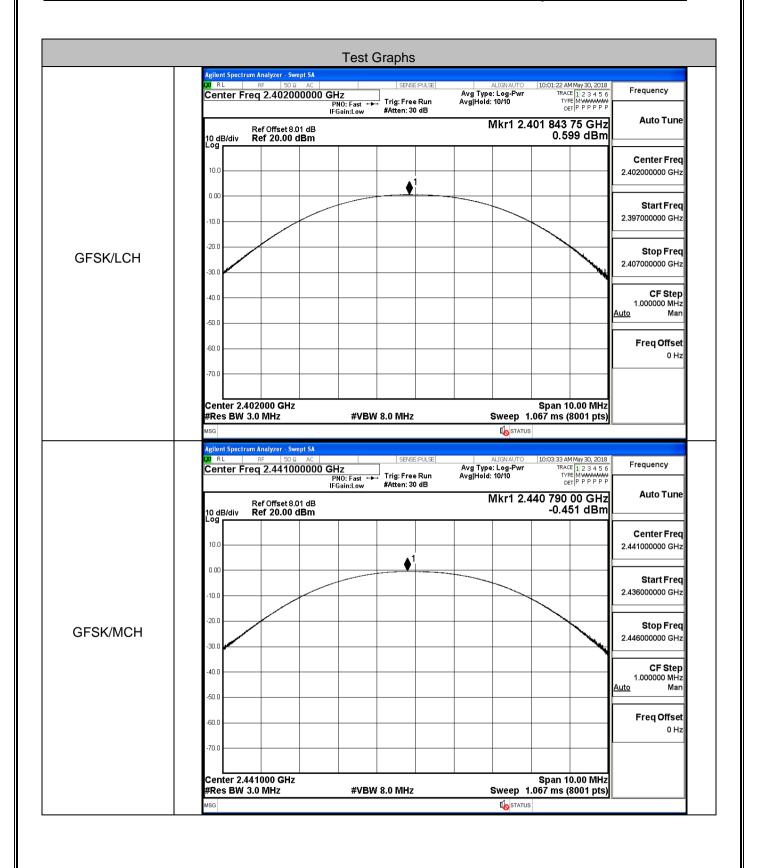
Test Model: R7720

Environmental Conditions

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

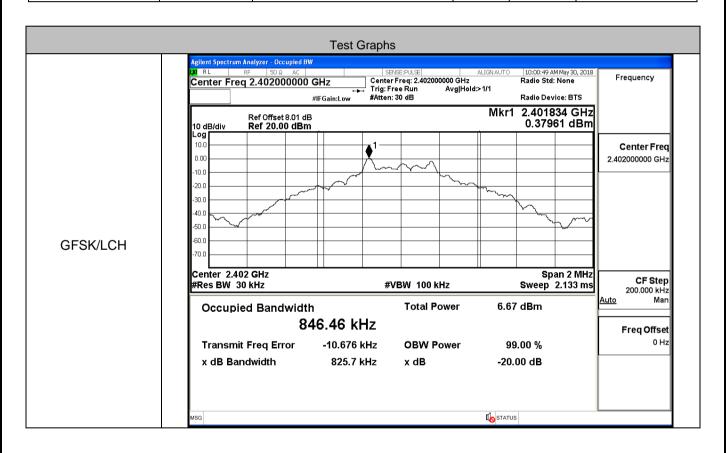
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	0.599	30	PASS
GFSK	MCH	-0.451	30	PASS
	НСН	-0.582	30	PASS
	LCH	-0.447	21	PASS
π/4DQPSK	MCH	-1.242	21	PASS
	НСН	-1.459	21	PASS
	LCH	-0.415	21	PASS
8DPSK	MCH	-1.165	21	PASS
	НСН	-1.616	21	PASS



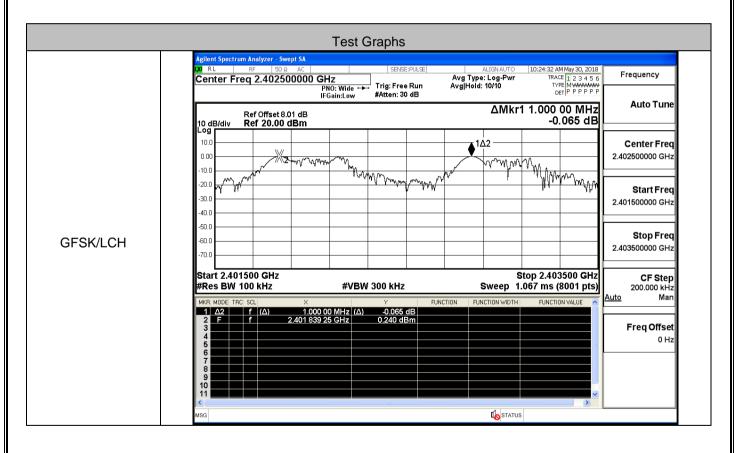
A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.8257	Not Specified	PASS
GFSK	MCH	0.8369	Not Specified	PASS
	НСН	0.8409	Not Specified	PASS
	LCH	1.122	Not Specified	PASS
π/4DQPSK	MCH	1.116	Not Specified	PASS
	HCH	1.117	Not Specified	PASS
	LCH	1.134	Not Specified	PASS
8DPSK	MCH	1.119	Not Specified	PASS
	НСН	1.120	Not Specified	PASS

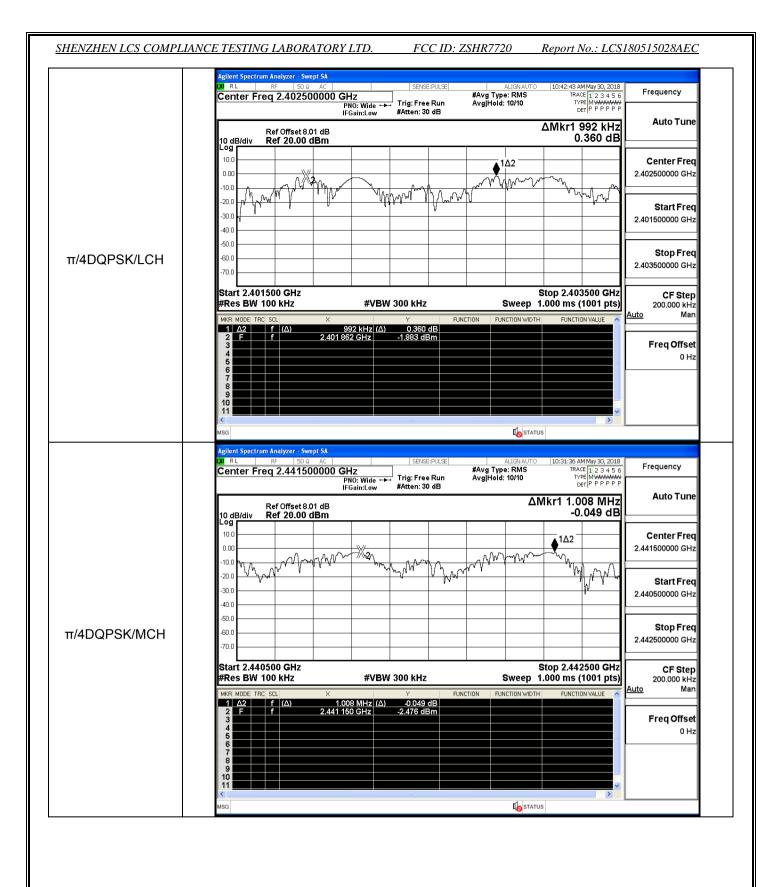


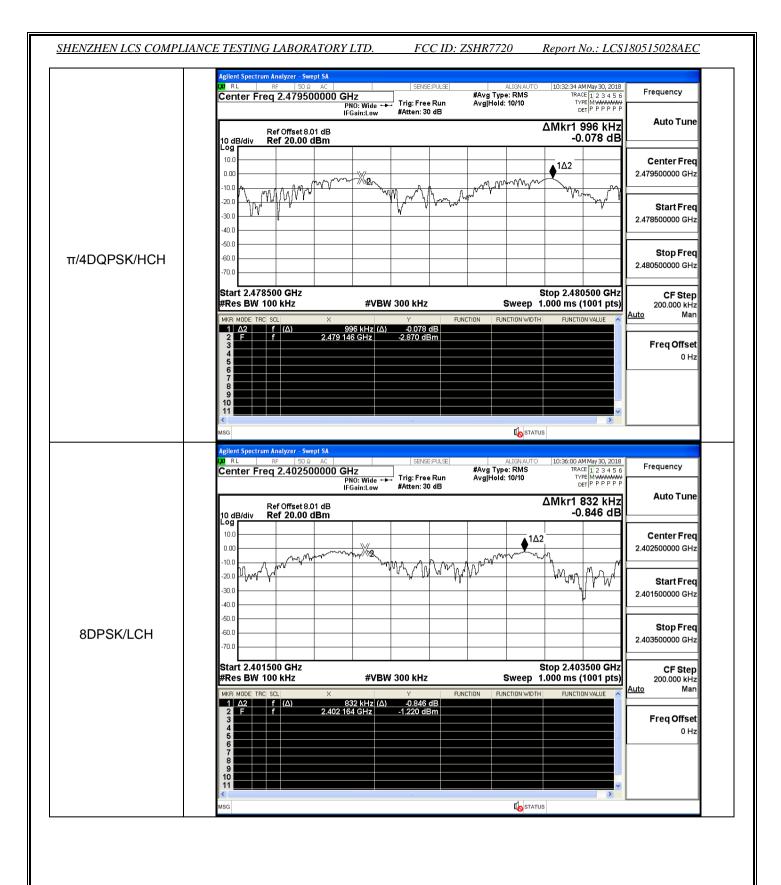
A.3 Carrier Frequency Separation

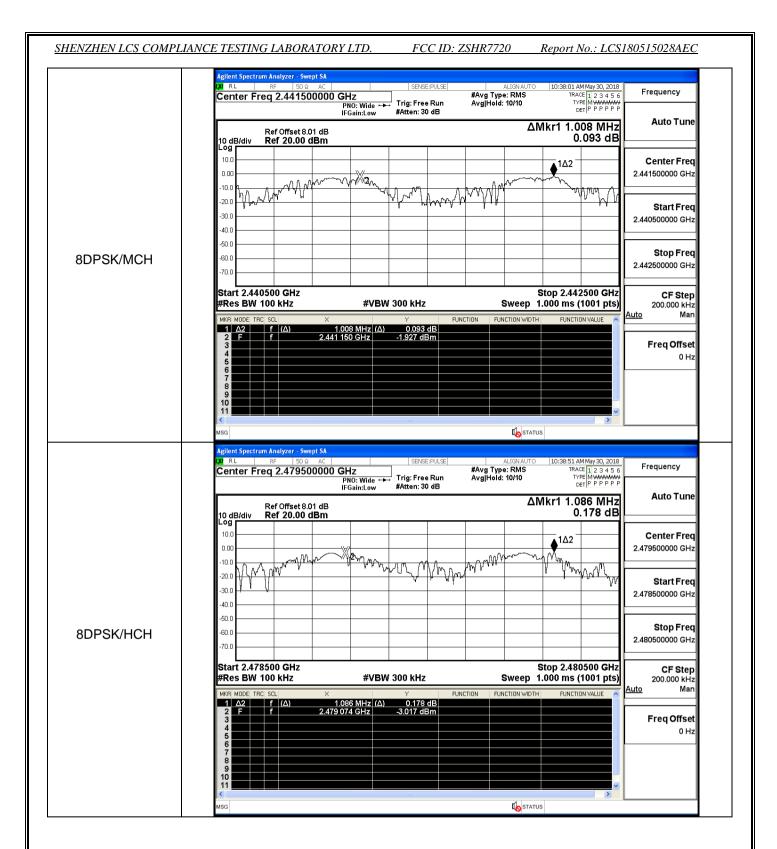
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.000	0.561	PASS
GFSK	MCH	1.000	0.561	PASS
	HCH	1.000	0.561	PASS
	LCH	0.992	0.748	PASS
π/4DQPSK	MCH	1.008	0.748	PASS
	HCH	0.996	0.748	PASS
	LCH	0.832	0.756	PASS
8DPSK	MCH	1.008	0.756	PASS
	HCH	1.086	0.756	PASS











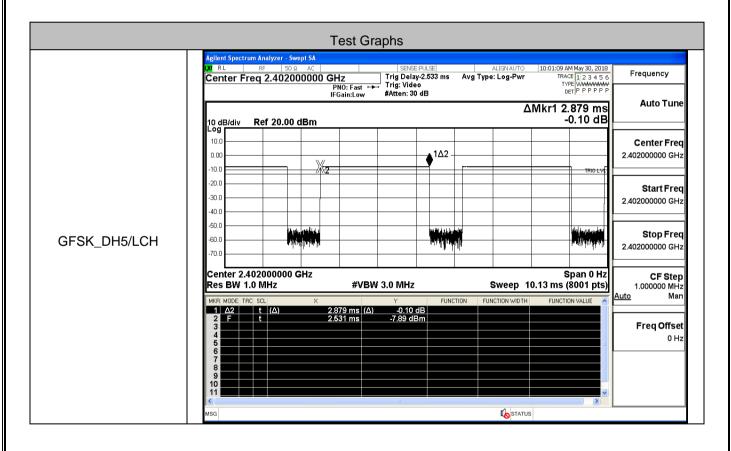
A.4 Hopping Channel Number

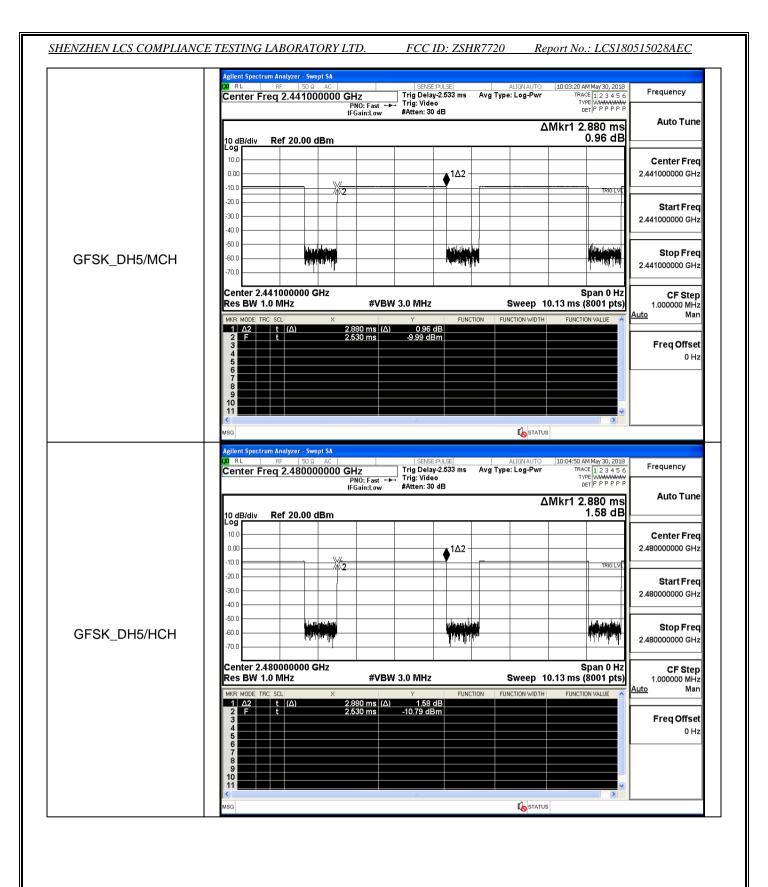
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

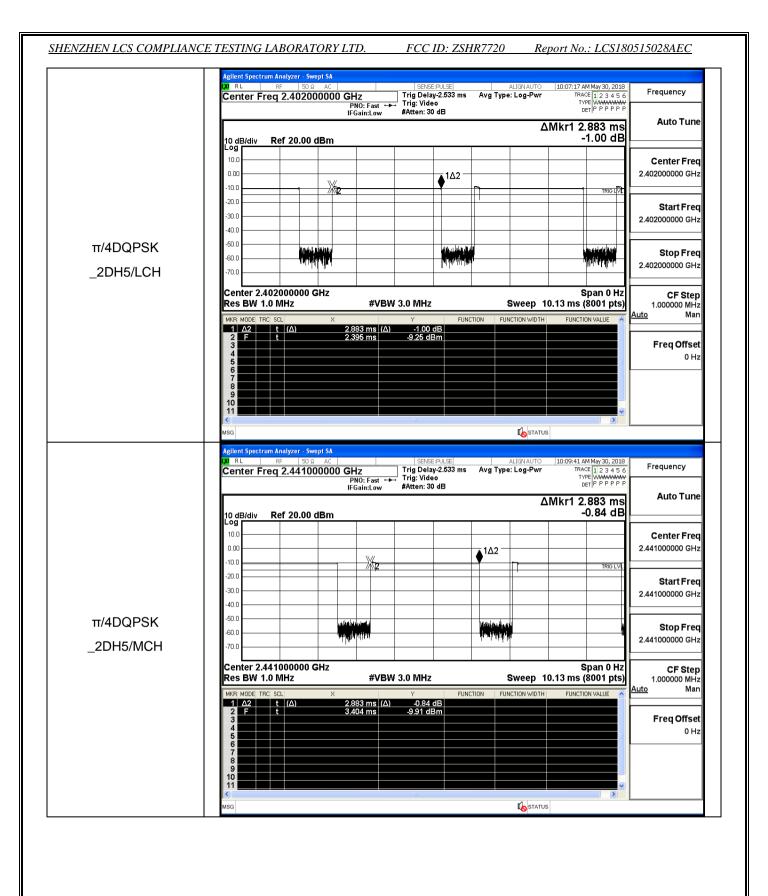
STATUS

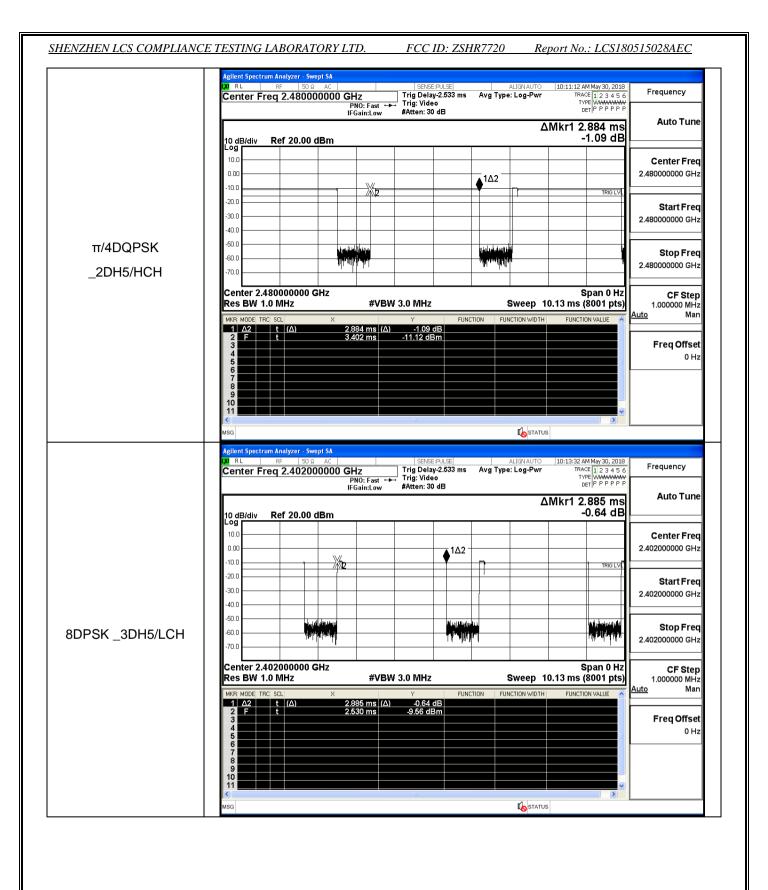
A.5 Dwell Time

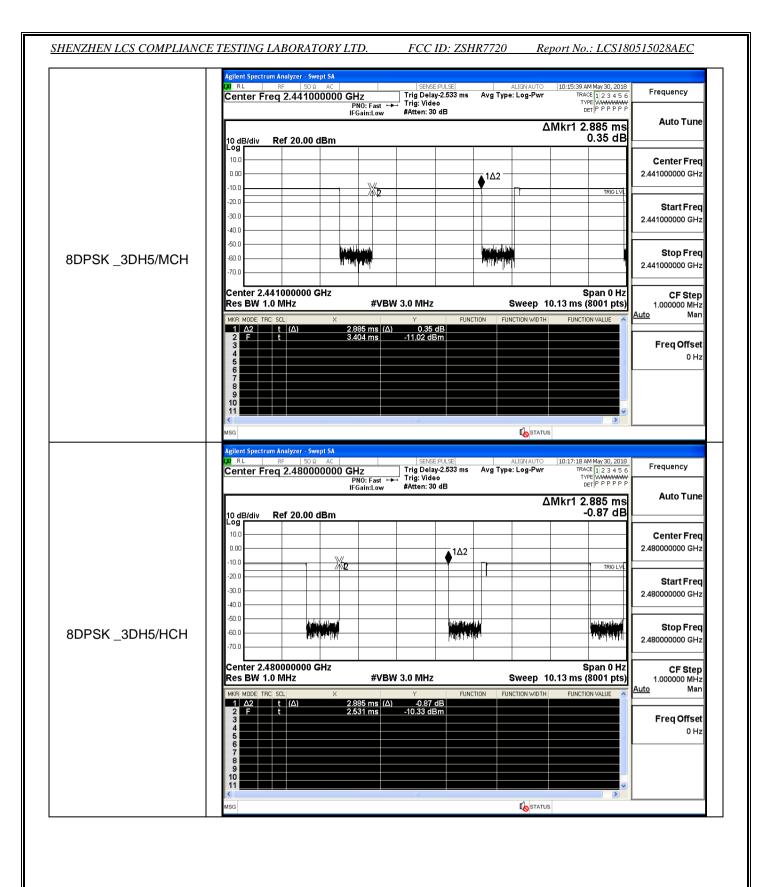
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7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





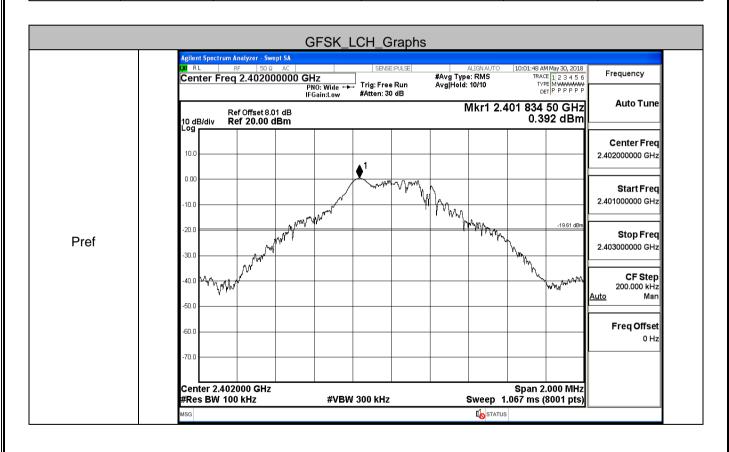


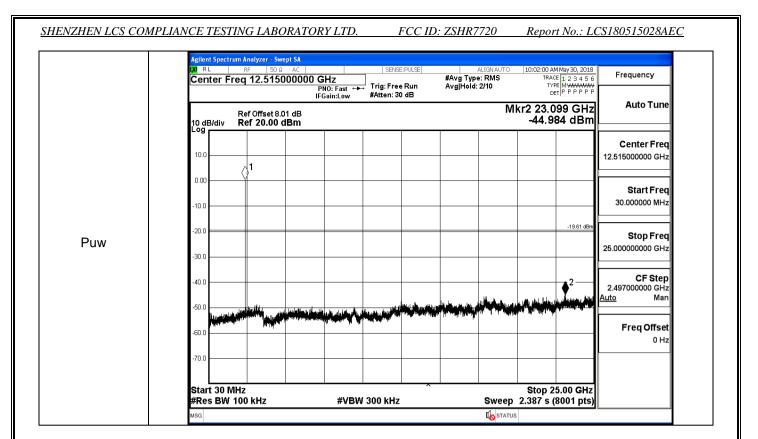


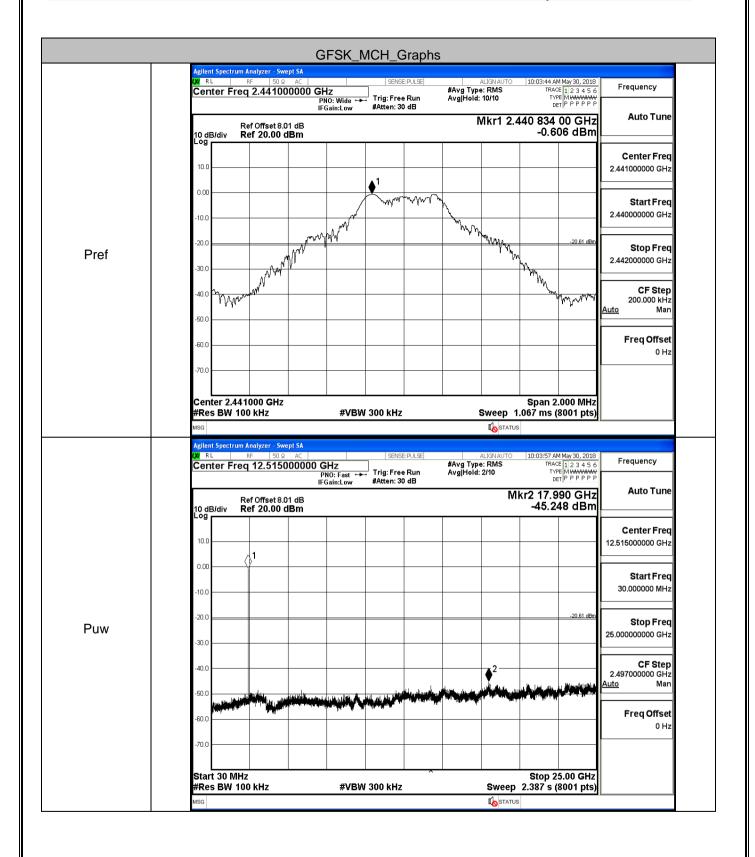


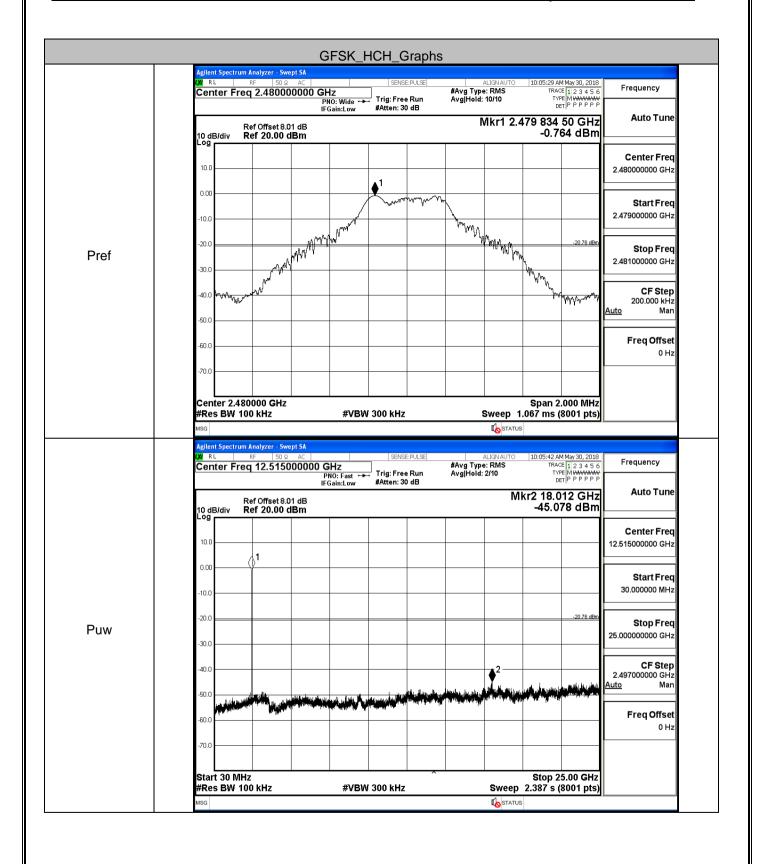
A.6 RF Conducted Spurious Emissions

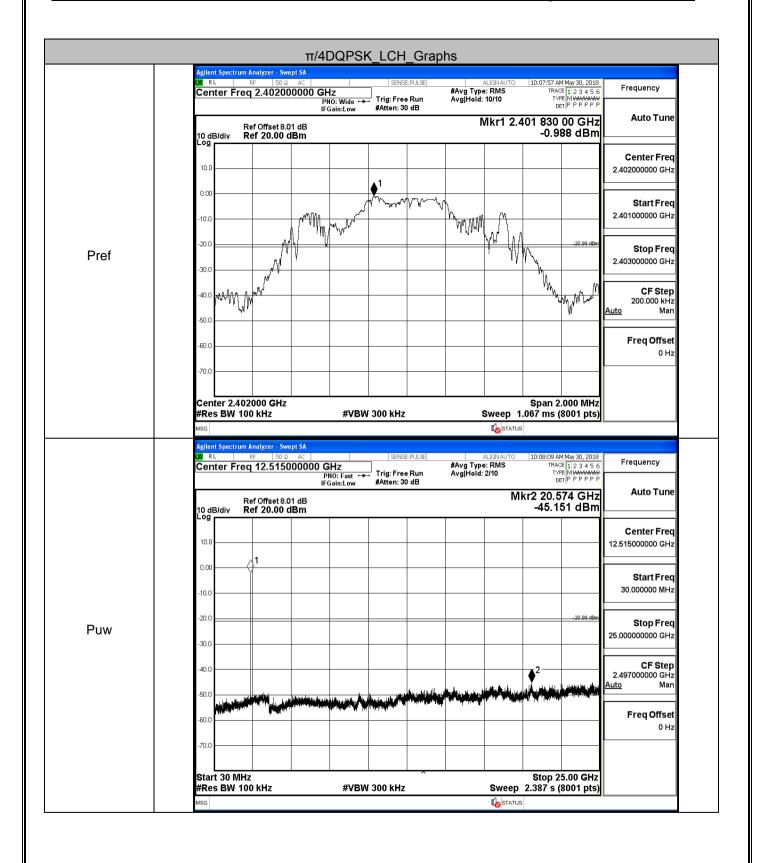
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	0.392	-44.984	-19.608	PASS
GFSK	MCH	-0.606	-45.248	-20.606	PASS
	HCH	-0.764	-45.078	-20.764	PASS
	LCH	-0.988	-45.151	-20.988	PASS
π/4DQPSK	MCH	-1.768	-44.024	-21.768	PASS
	HCH	-1.996	-43.929	-21.996	PASS
	LCH	-0.946	-44.424	-20.946	PASS
8DPSK	MCH	-1.761	-43.301	-21.761	PASS
	НСН	-2.192	-44.897	-22.192	PASS

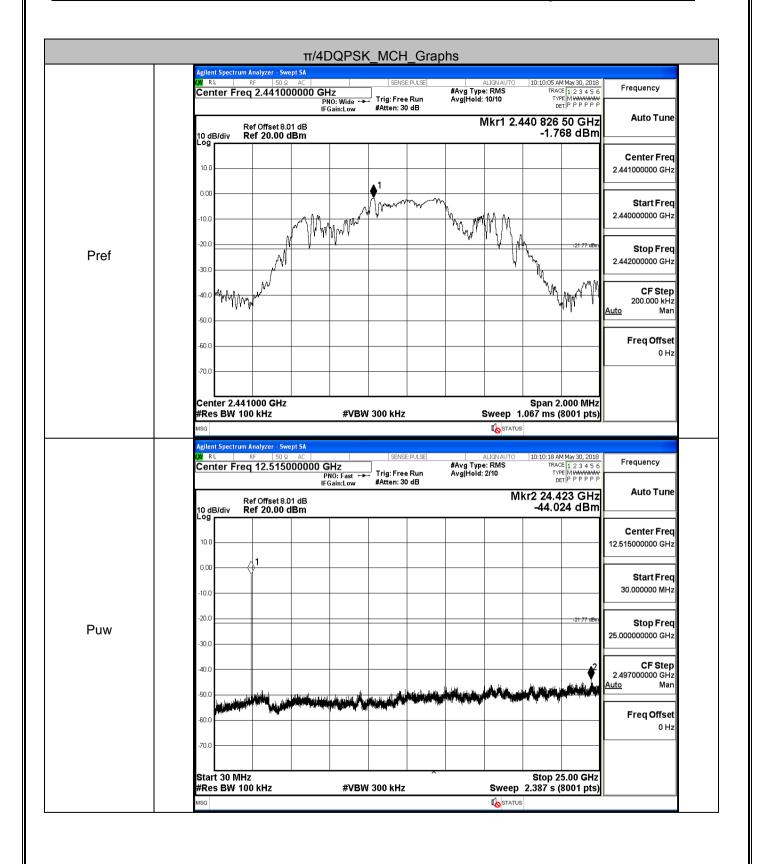


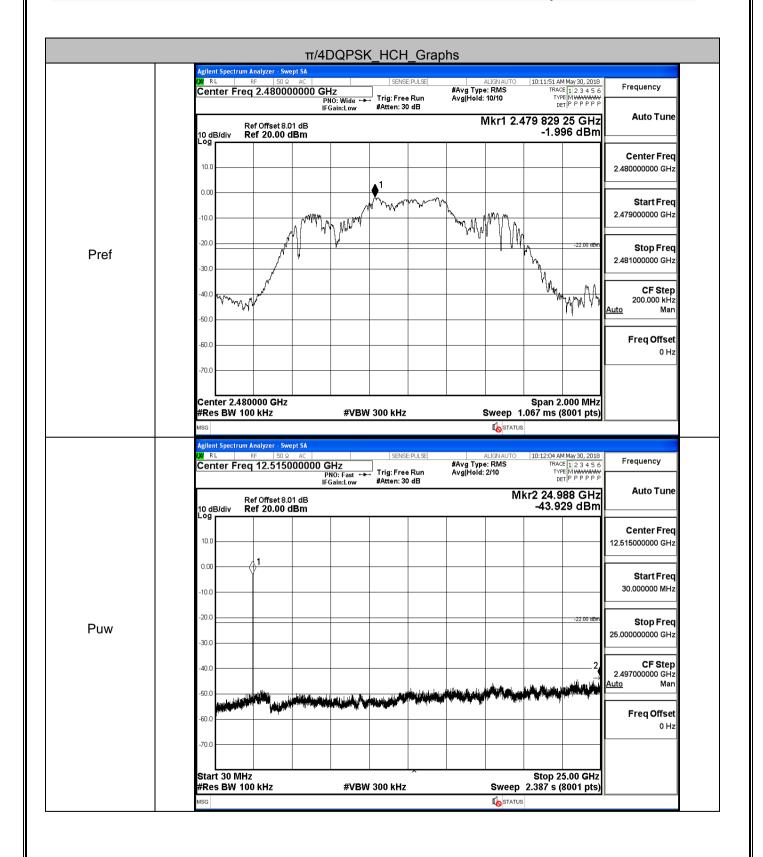


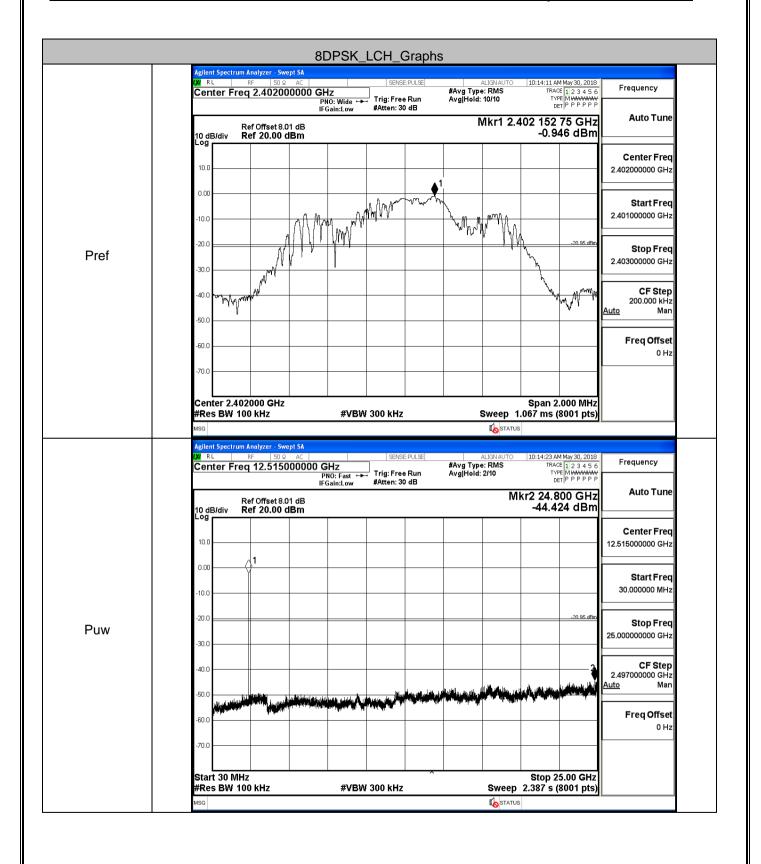


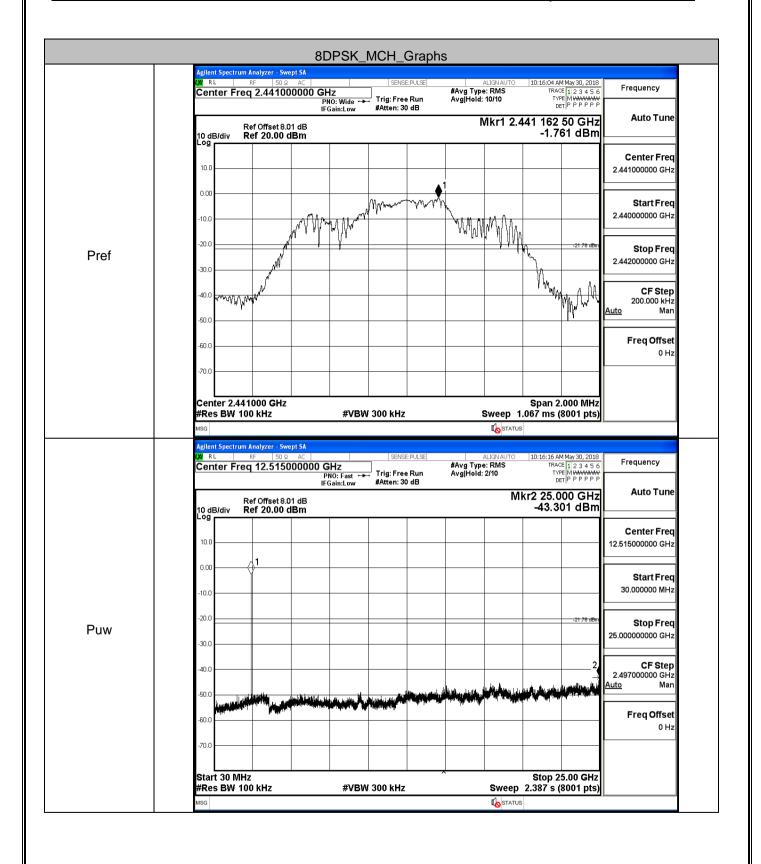


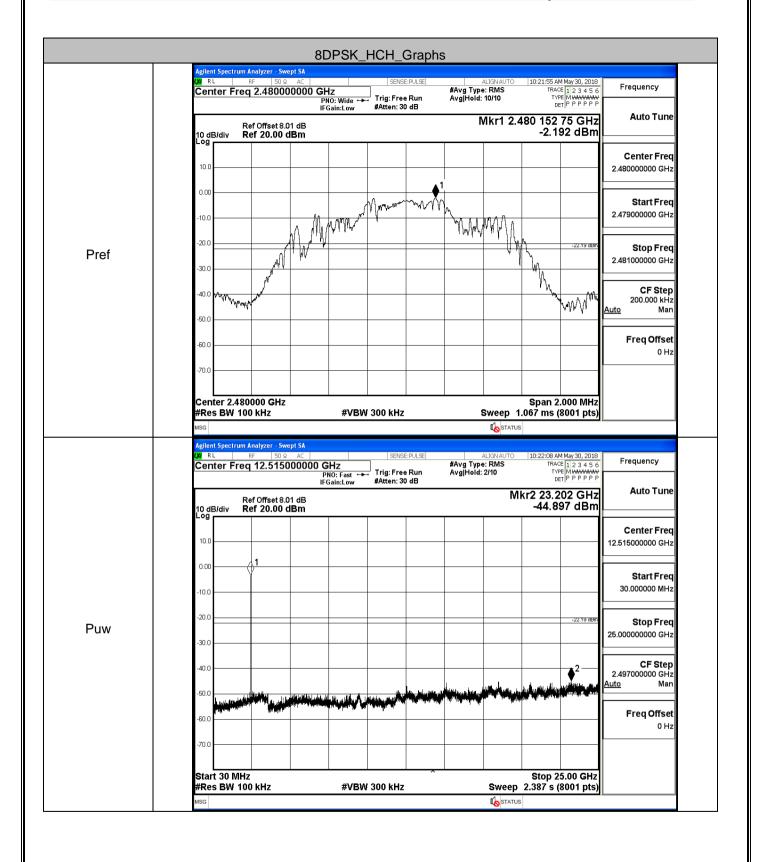






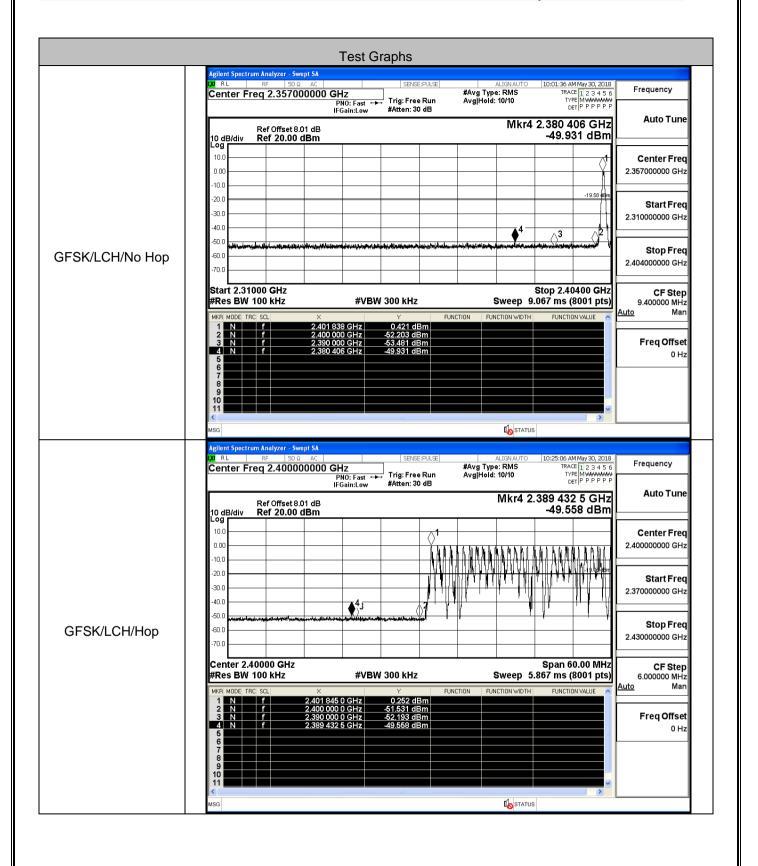


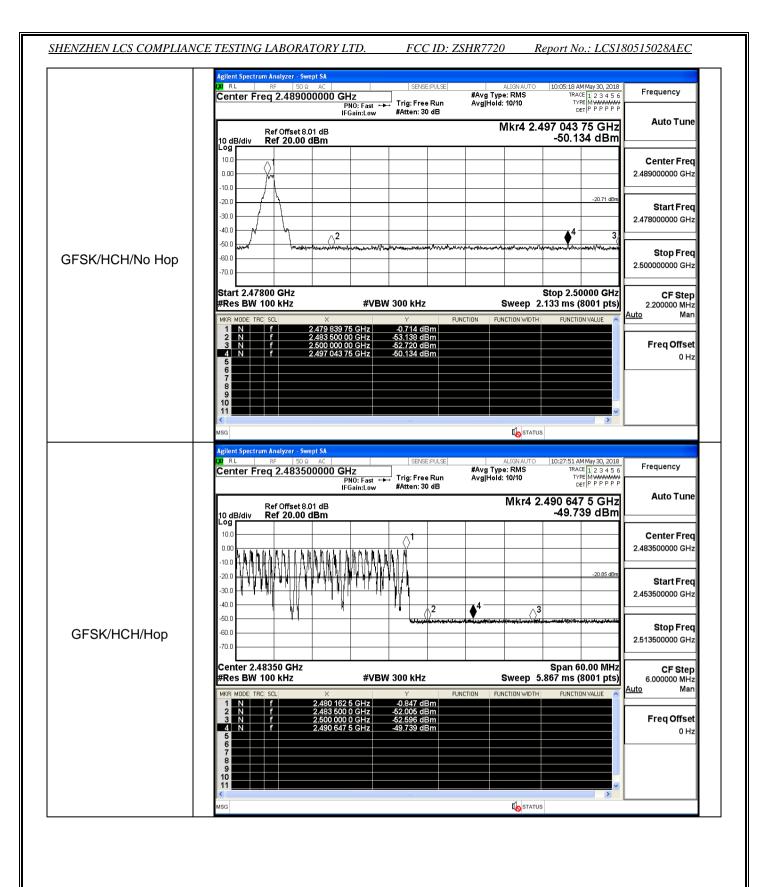


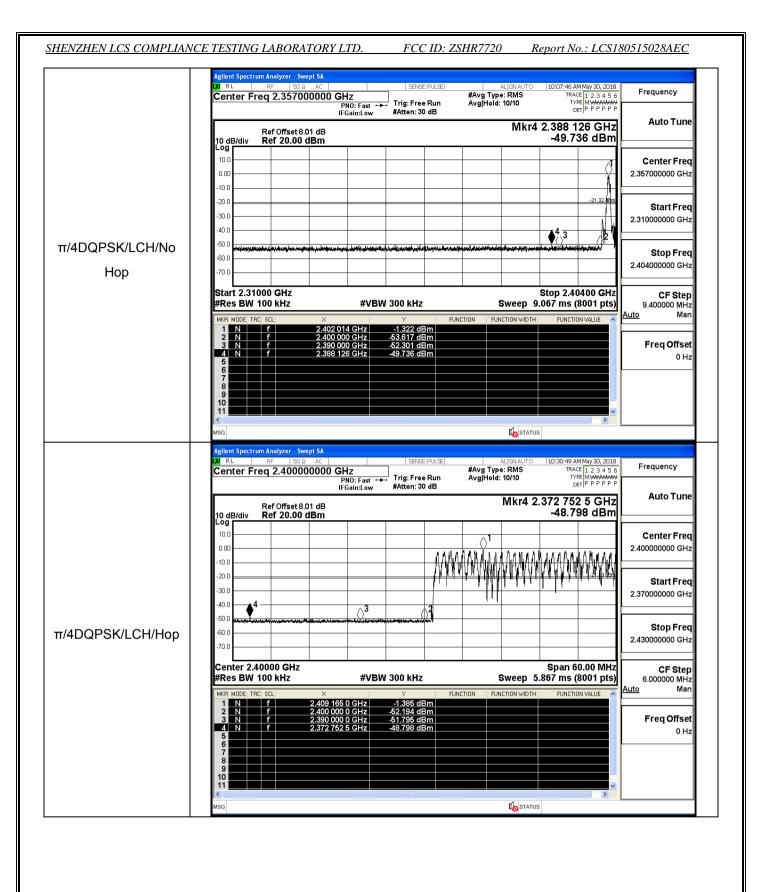


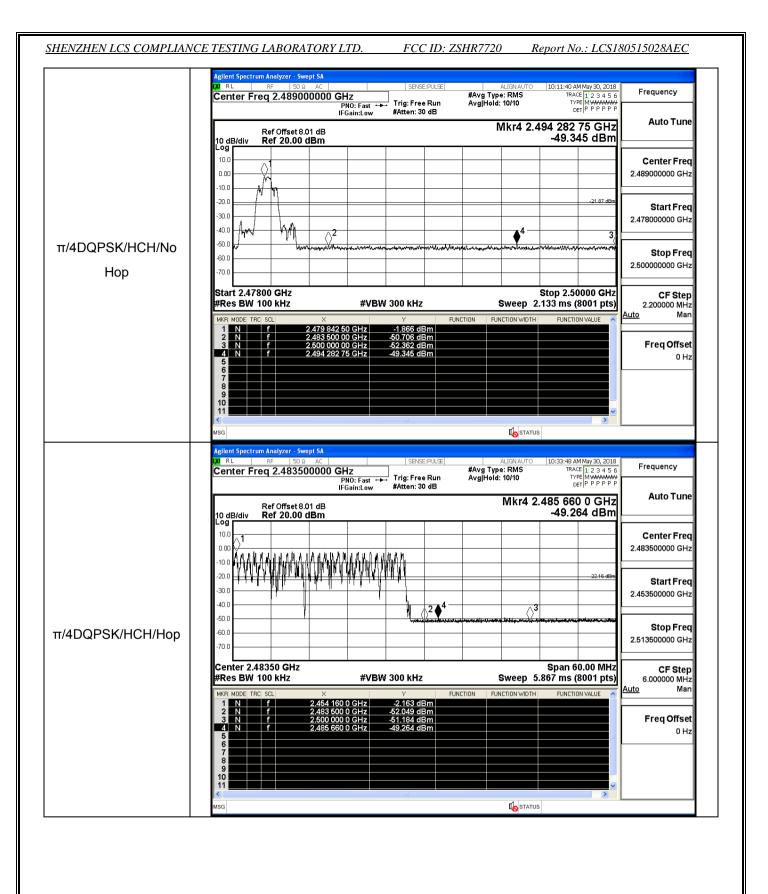
A.7 Band-edge for RF Conducted Emissions

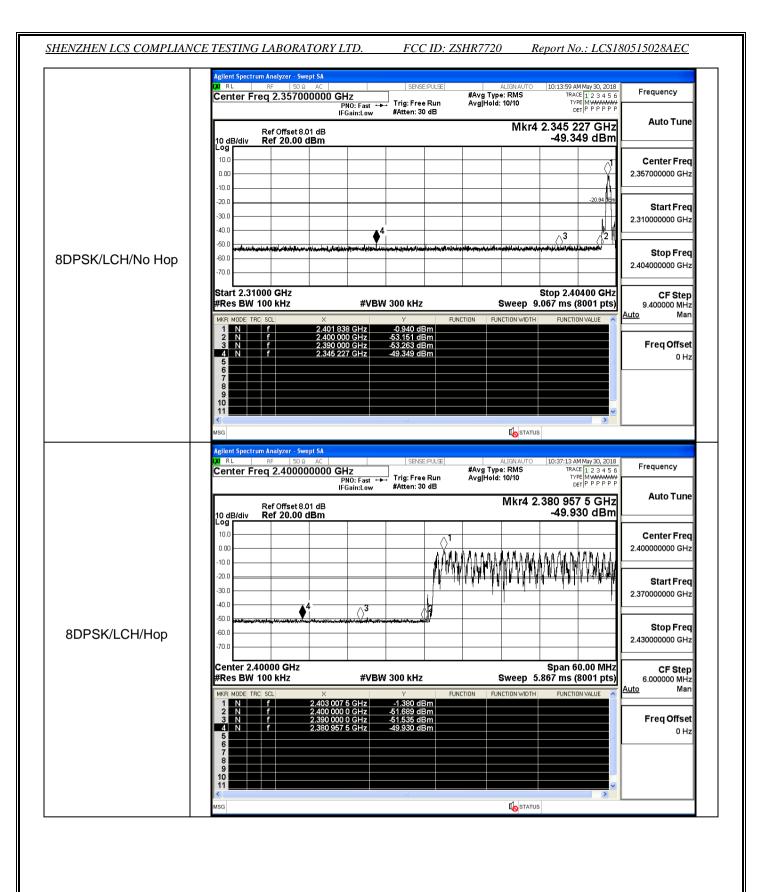
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict		
		0.400	0.421	Off	-49.931	-19.58	PASS		
0.501/	LCH	2402	0.252	On	-49.558	-19.75	PASS		
GFSK	нсн	2480	-0.714	Off	-50.134	-20.71	PASS		
			-0.847	On	-49.739	-20.85	PASS		
	LCH				-1.322	Off	-49.736	-21.32	PASS
		2402	-1.385	On	-48.798	-21.39	PASS		
π/4DQPSK	нсн		-1.866	Off	-49.345	-21.87	PASS		
		2480	-2.163	On	-49.264	-22.16	PASS		
		2402	-0.940	Off	-49.349	-20.94	PASS		
	LCH		-1.380	On	-49.930	-21.38	PASS		
8DPSK			-2.198	Off	-49.399	-22.2	PASS		
	HCH	HCH 2480	-2.122	On	-48.715	-22.12	PASS		

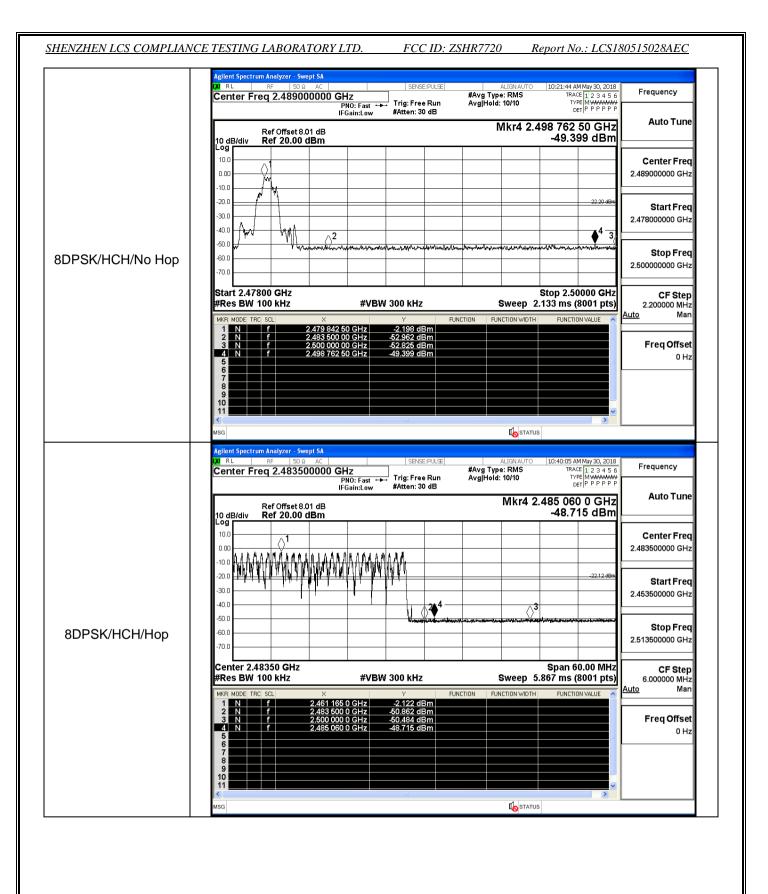






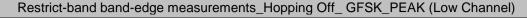


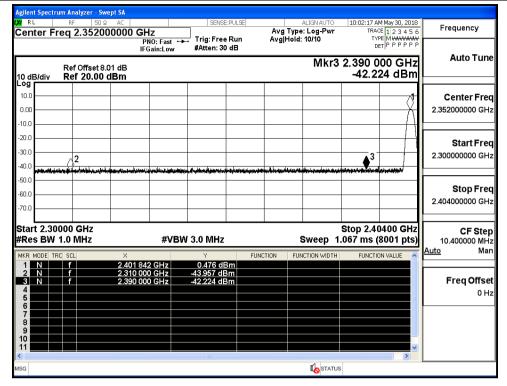




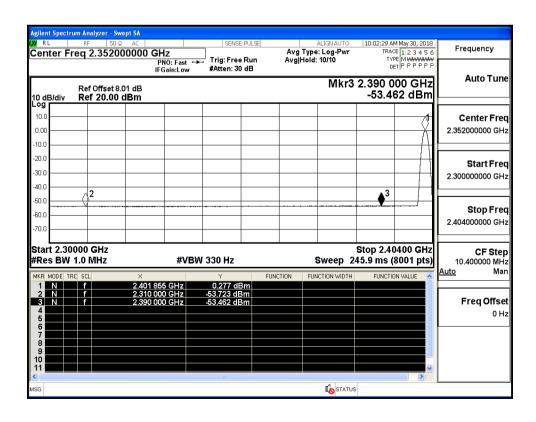
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.96	2.0	0	53.30	PEAK	74	PASS
	Off	2310.0	-53.72	2.0	0	43.53	AV	54	PASS
	Off	2390.0	-42.22	2.0	0	55.03	PEAK	74	PASS
	Off	2390.0	-53.46	2.0	0	43.80	AV	54	PASS
GFSK	Off	2483.5	-42.26	2.0	0	55.00	PEAK	74	PASS
	Off	2483.5	-53.24	2.0	0	44.02	AV	54	PASS
	Off	2500.0	-42.24	2.0	0	55.02	PEAK	74	PASS
	Off	2500.0	-53.08	2.0	0	44.18	AV	54	PASS
	Off	2310.0	-44.16	2.0	0	53.09	PEAK	74	PASS
	Off	2310.0	-53.61	2.0	0	43.64	AV	54	PASS
	Off	2390.0	-42.99	2.0	0	54.27	PEAK	74	PASS
	Off	2390.0	-53.48	2.0	0	43.77	AV	54	PASS
π/4DQPSK	Off	2483.5	-43.27	2.0	0	53.99	PEAK	74	PASS
	Off	2483.5	-53.17	2.0	0	44.09	AV	54	PASS
	Off	2500.0	-43.21	2.0	0	54.05	PEAK	74	PASS
	Off	2500.0	-52.95	2.0	0	44.30	AV	54	PASS
	Off	2310.0	-44.27	2.0	0	52.99	PEAK	74	PASS
	Off	2310.0	-53.76	2.0	0	43.50	AV	54	PASS
	Off	2390.0	-42.55	2.0	0	54.71	PEAK	74	PASS
	Off	2390.0	-53.50	2.0	0	43.76	AV	54	PASS
8DPSK	Off	2483.5	-42.92	2.0	0	54.33	PEAK	74	PASS
	Off	2483.5	-53.21	2.0	0	44.05	AV	54	PASS
	Off	2500.0	-42.97	2.0	0	54.29	PEAK	74	PASS
	Off	2500.0	-53.06	2.0	0	44.19	AV	54	PASS

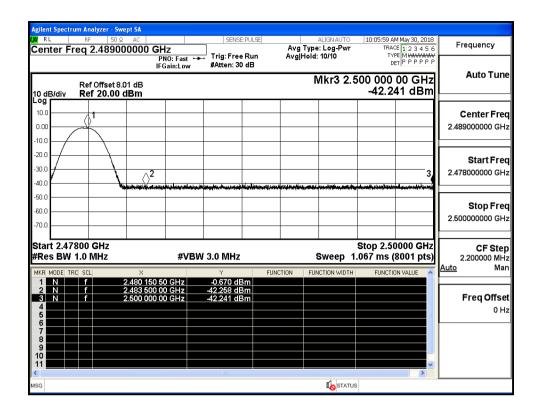




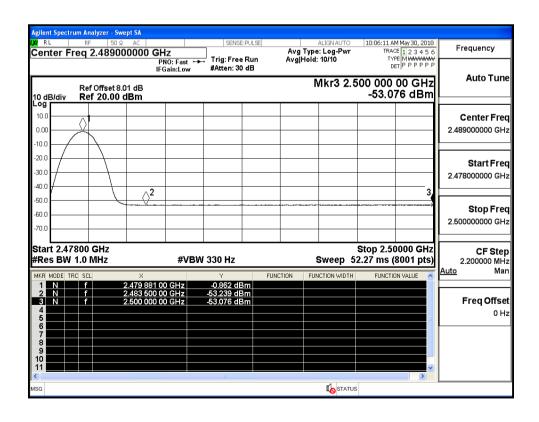
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



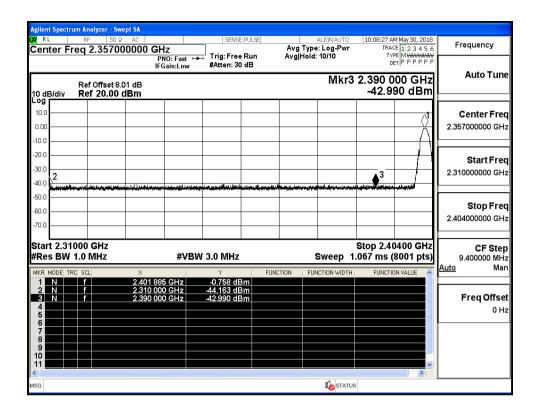
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



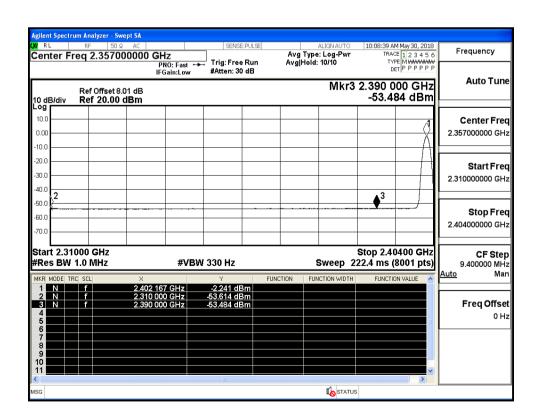
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



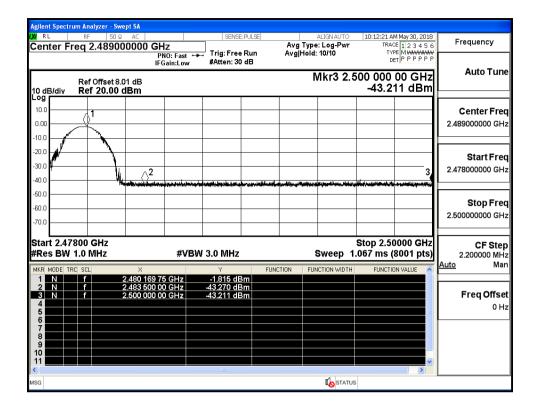
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



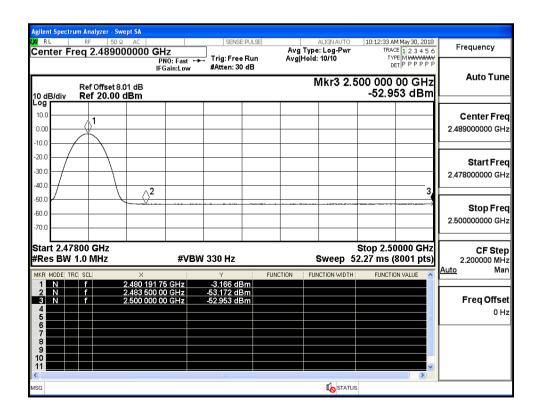
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



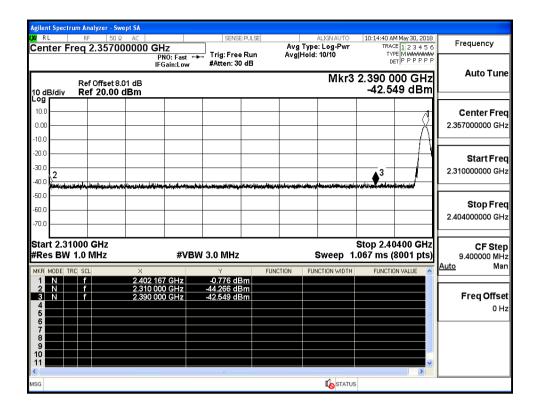
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



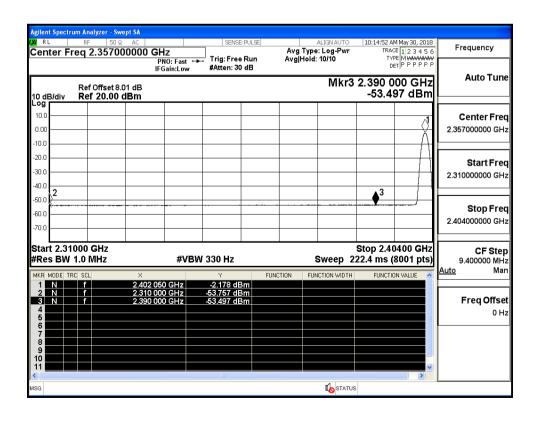
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



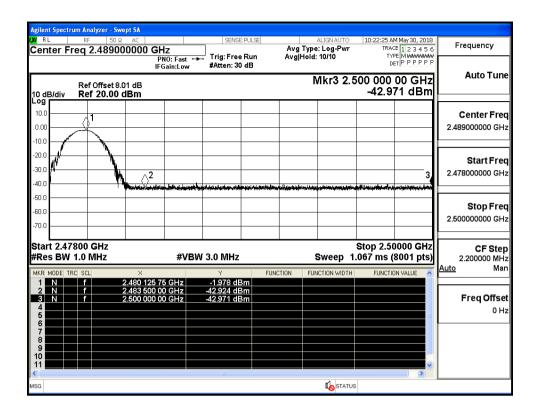
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

