Appendix A

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

Product Name: Feature phone

Trade Mark: Kenxinda, Ken mobile, KXD, E&L, EL

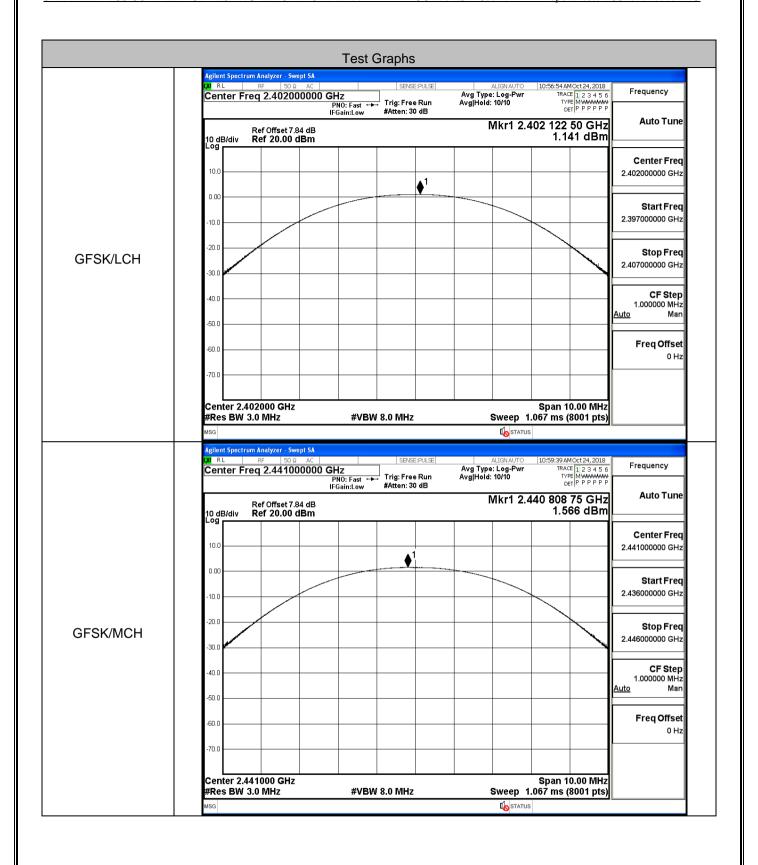
Test Model: C3310

Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden.Zhuo

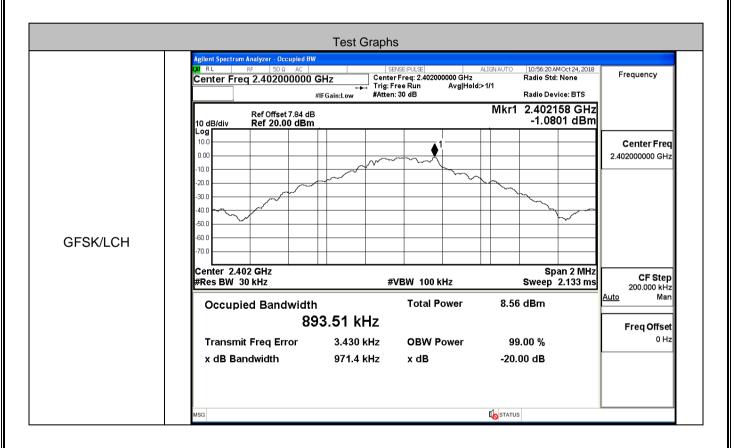
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.141	30	PASS
GFSK	MCH	1.566	30	PASS
	НСН	0.763	30	PASS
	LCH	0.404	21	PASS
π/4DQPSK	MCH	1.094	21	PASS
	НСН	0.163	21	PASS
	LCH	0.548	21	PASS
8DPSK	MCH	1.250	21	PASS
	НСН	0.252	21	PASS



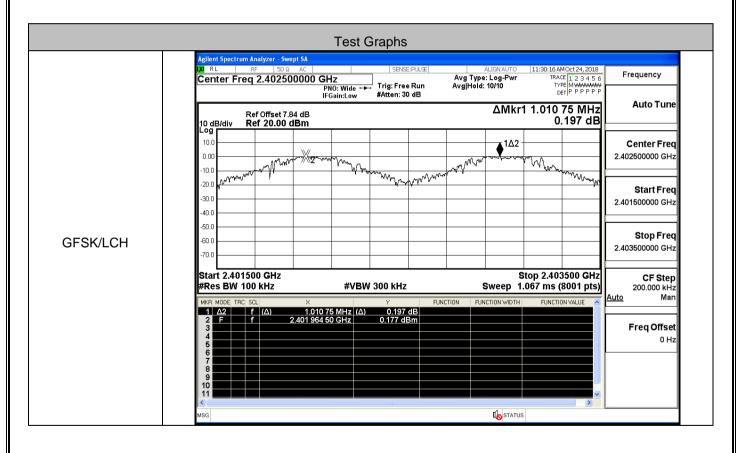
A.2 20dB Bandwidth

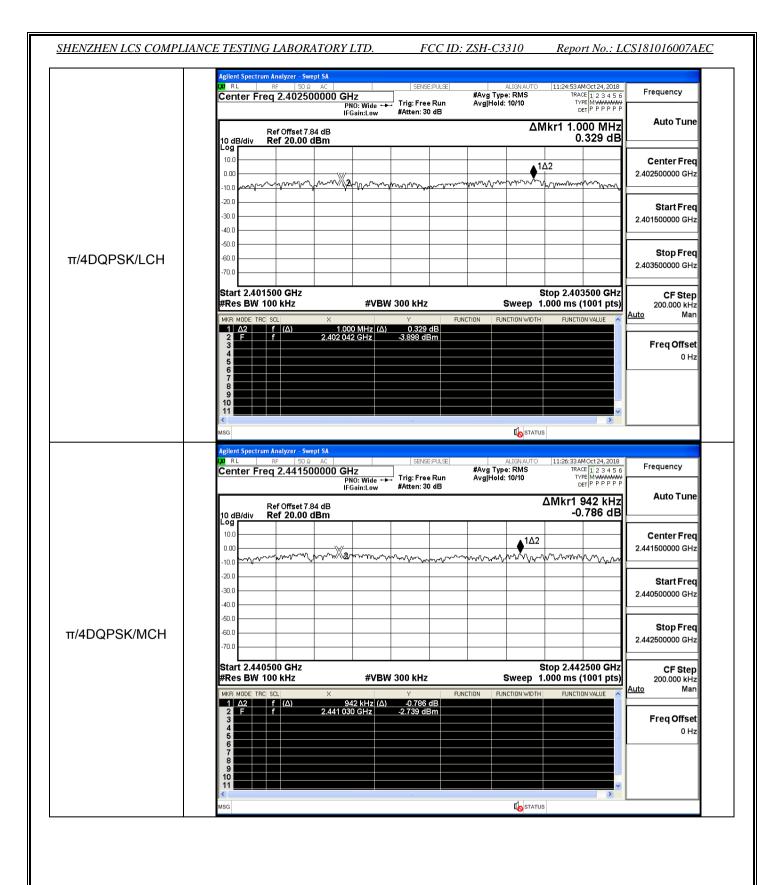
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9714	Not Specified	PASS
GFSK	MCH	1.031	Not Specified	PASS
	нсн	0.9674	Not Specified	PASS
	LCH	1.289	Not Specified	PASS
π/4DQPSK	MCH	1.310	Not Specified	PASS
	НСН	1.290	Not Specified	PASS
	LCH	1.296	Not Specified	PASS
8DPSK	MCH	1.297	Not Specified	PASS
	НСН	1.298	Not Specified	PASS

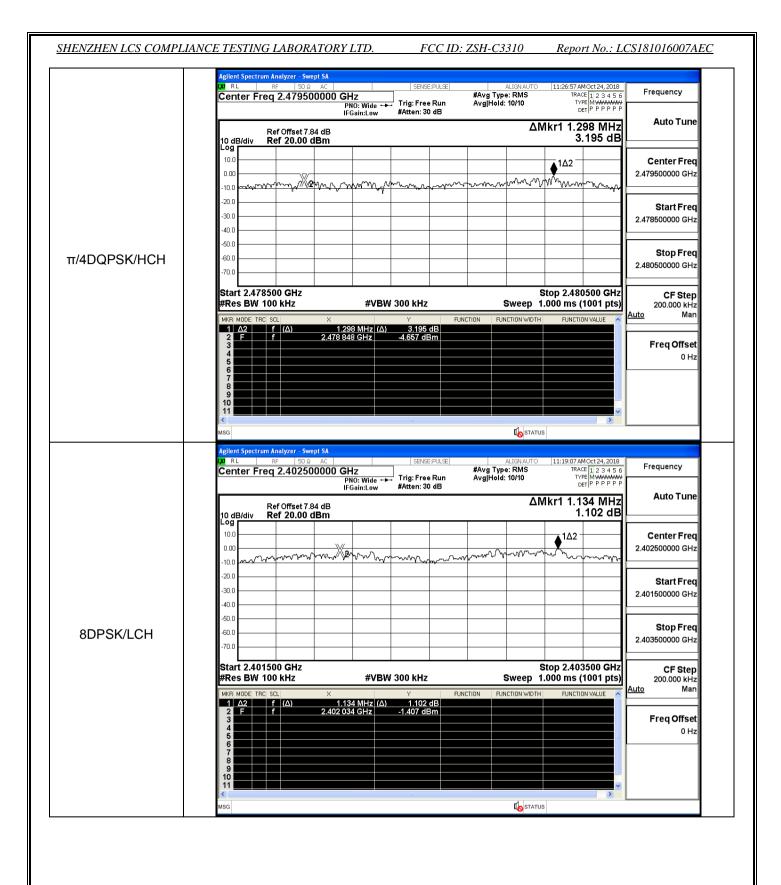


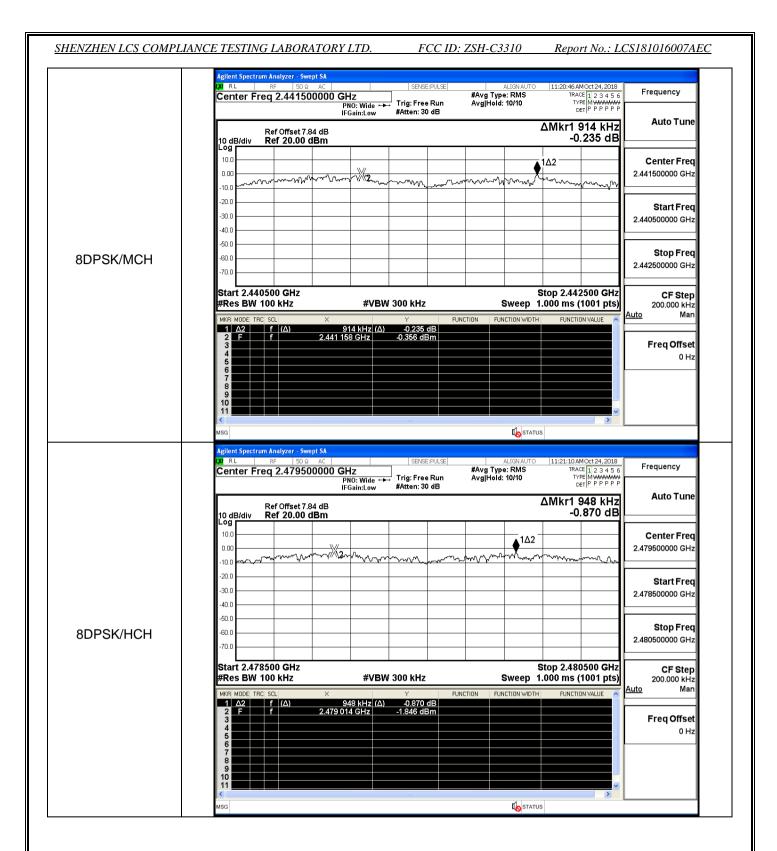
A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.011	0.687	PASS
GFSK	MCH	1.008	0.687	PASS
	HCH	1.018	0.687	PASS
	LCH	1.000	0.873	PASS
π/4DQPSK	MCH	0.942	0.873	PASS
	HCH	1.298	0.873	PASS
	LCH	1.134	0.865	PASS
8DPSK	MCH	0.914	0.865	PASS
	HCH	0.948	0.865	PASS







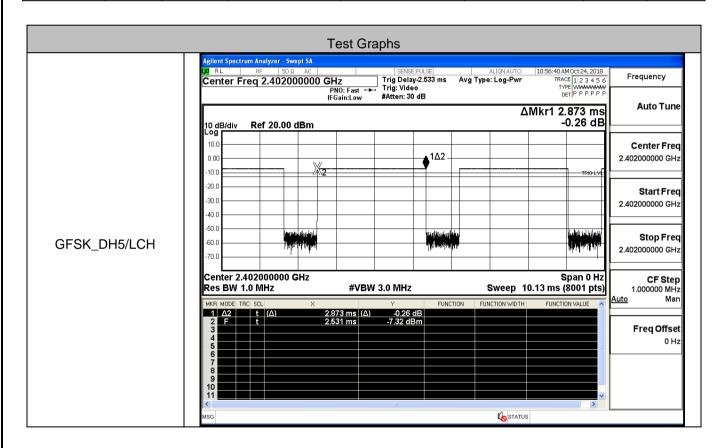


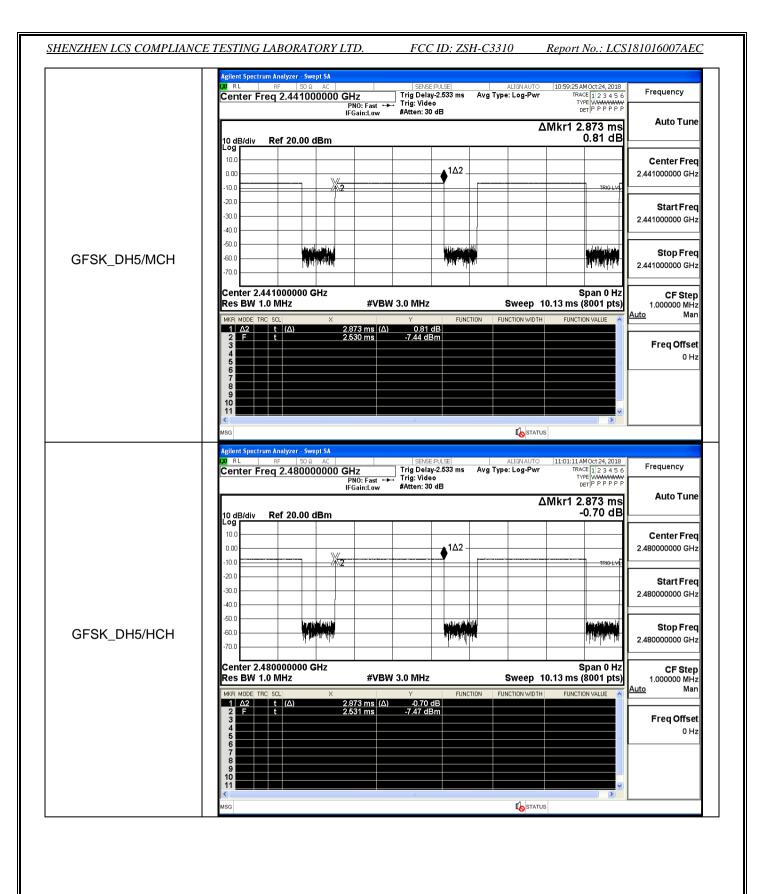
A.4 Hopping Channel Number

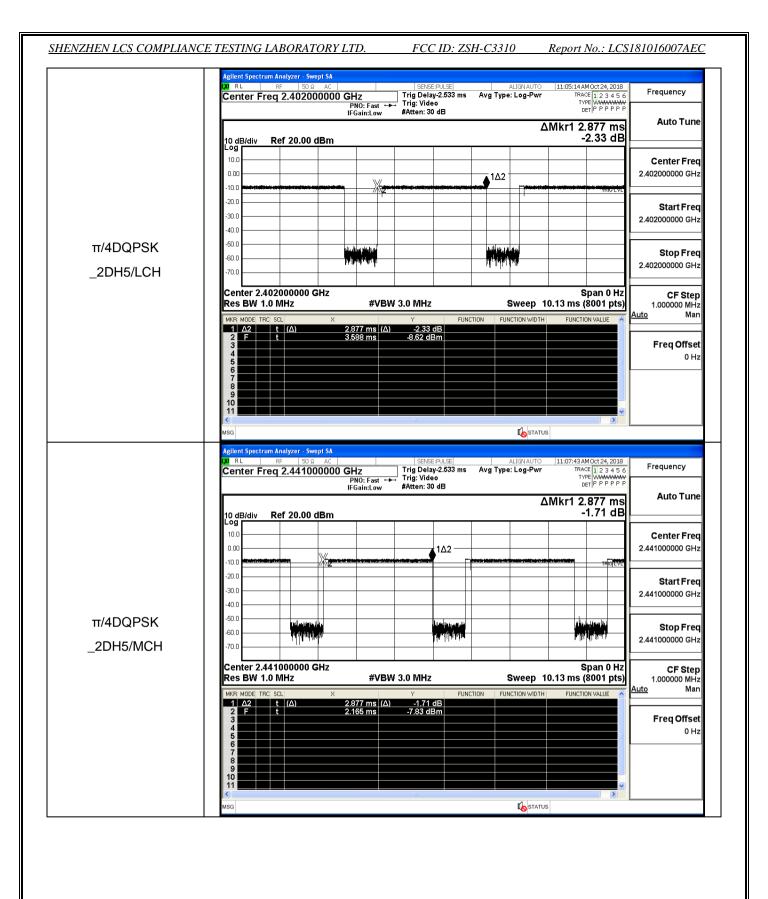
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK Hop		79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

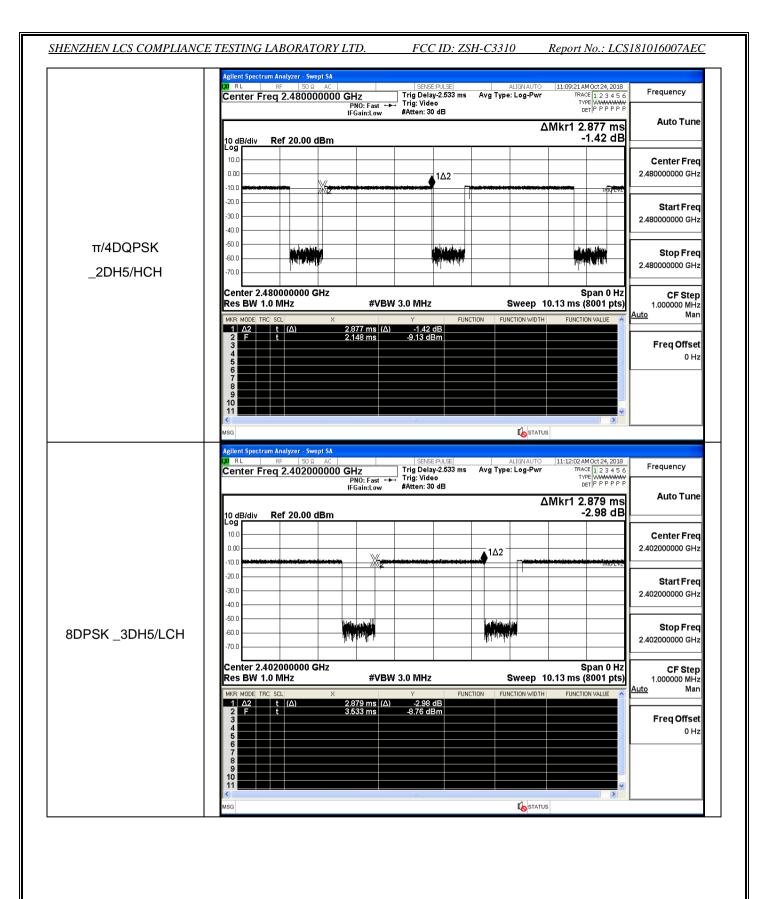
A.5 Dwell Time

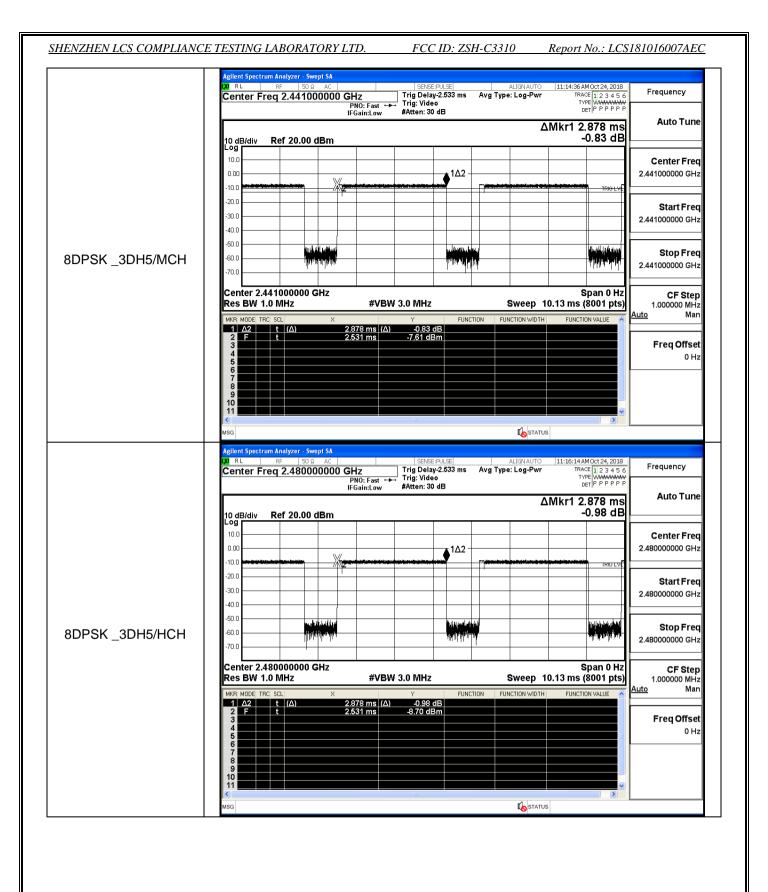
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.87	106.7	0.306	0.4	PASS
GFSK	DH5	MCH	2.87	106.7	0.306	0.4	PASS
	DH5	HCH	2.87	106.7	0.306	0.4	PASS
	2DH5	LCH	2.87	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.87	106.7	0.307	0.4	PASS
	2DH5	HCH	2.87	106.7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





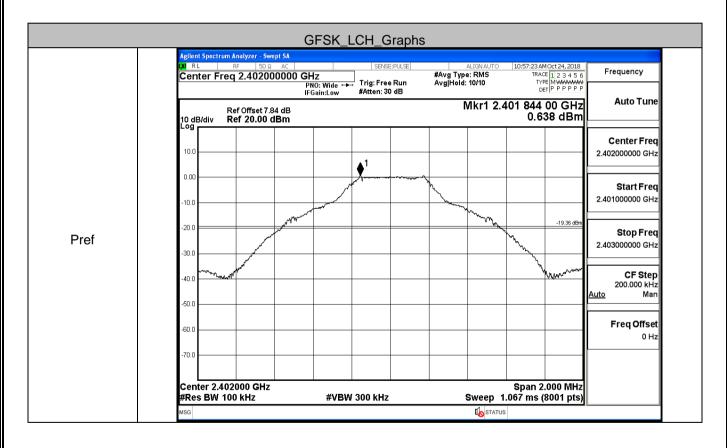




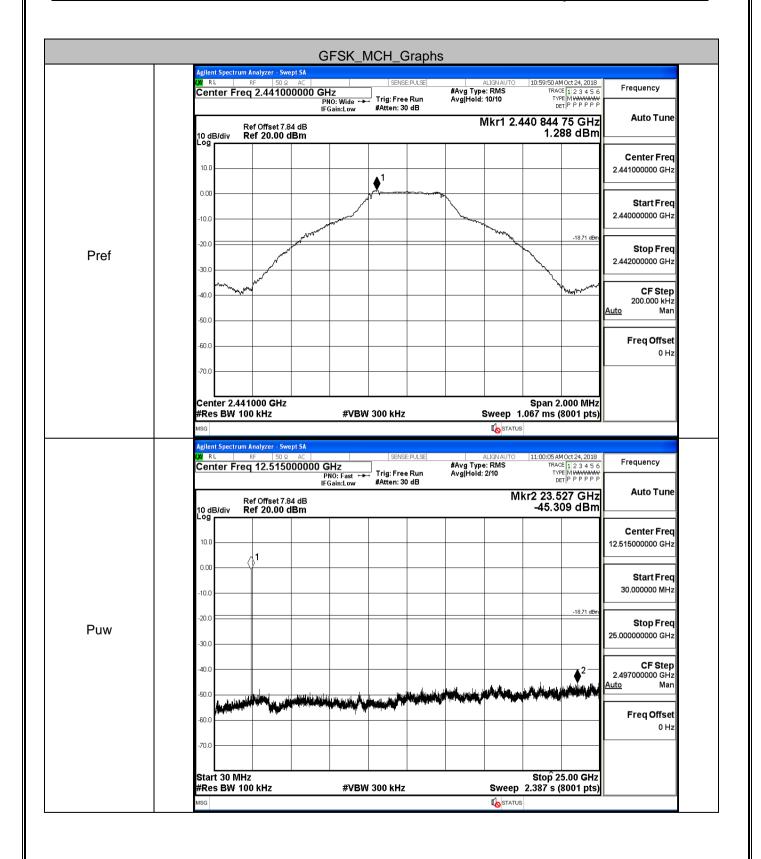


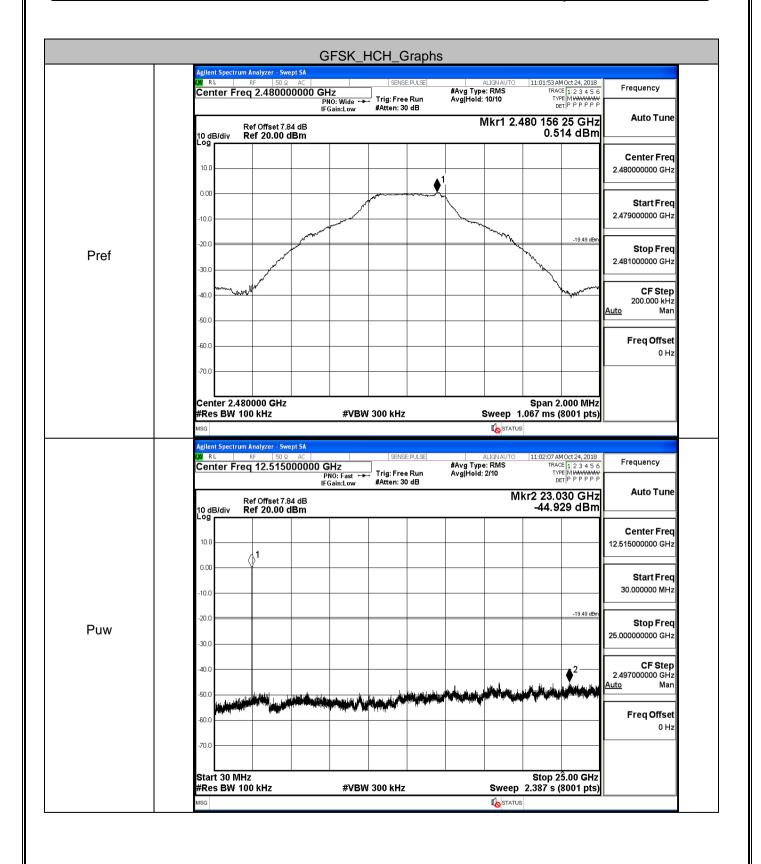
A.6 RF Conducted Spurious Emissions

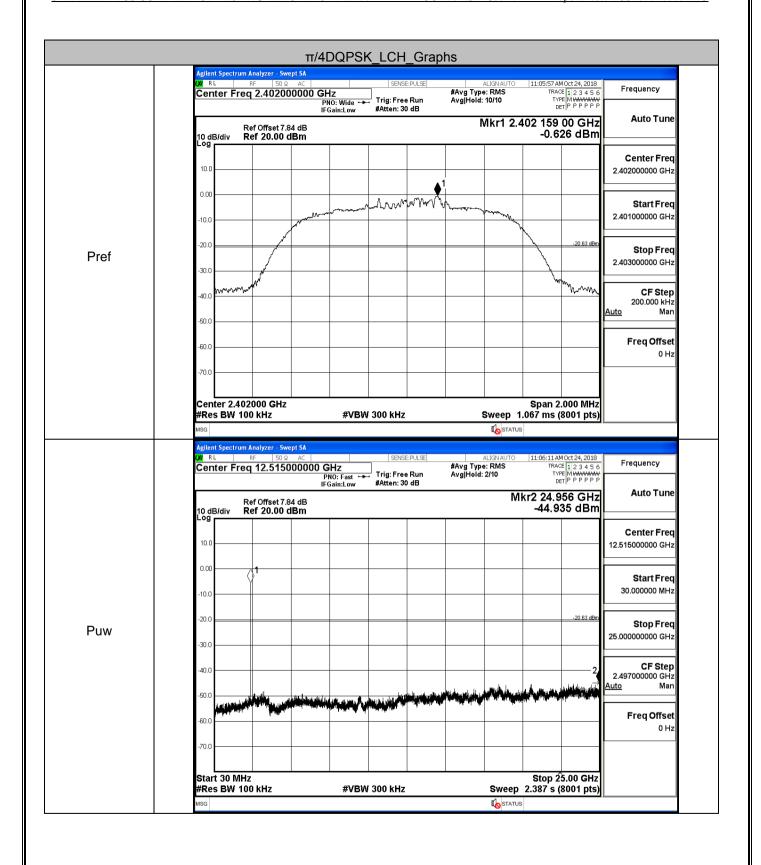
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	0.638	-45.274	-19.362	PASS
GFSK	MCH	1.288	-45.309	-18.712	PASS
	HCH	0.514	-44.929	-19.486	PASS
	LCH	-0.626	-44.935	-20.626	PASS
π/4DQPSK	MCH	0.303	-44.300	-19.697	PASS
	HCH	-0.869	-44.819	-20.869	PASS
	LCH	-0.469	-45.323	-20.469	PASS
8DPSK	MCH	0.27	-44.716	-19.730	PASS
	HCH	-0.914	-44.693	-20.914	PASS

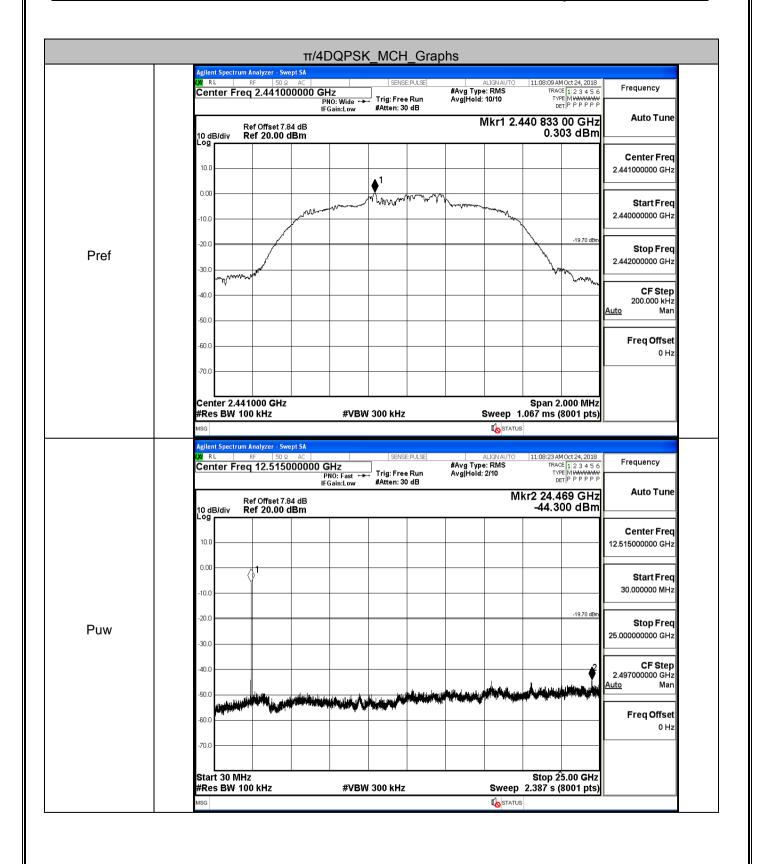


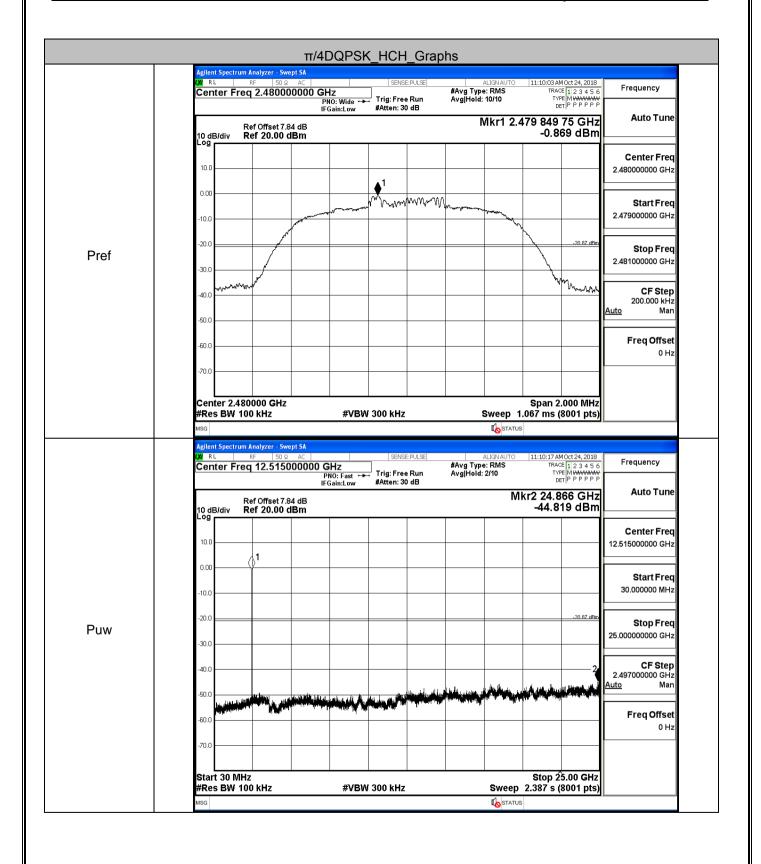
STATUS

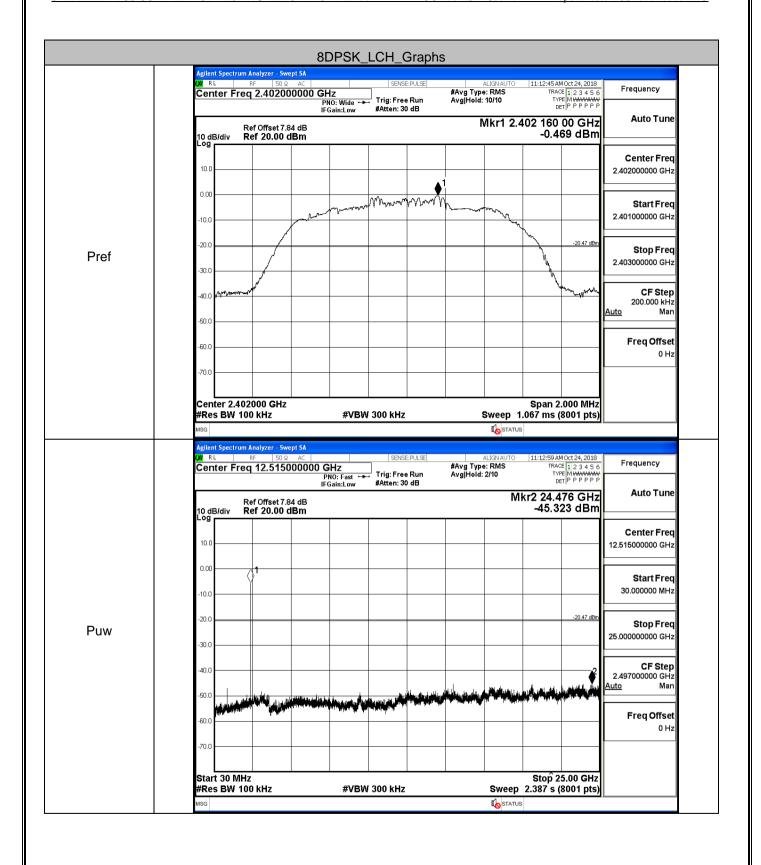


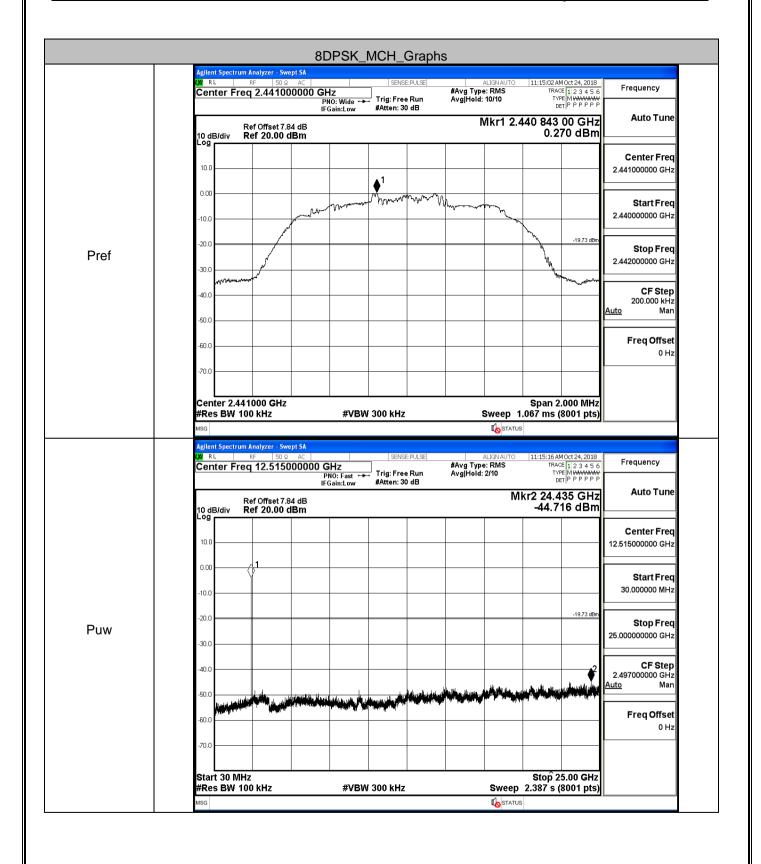


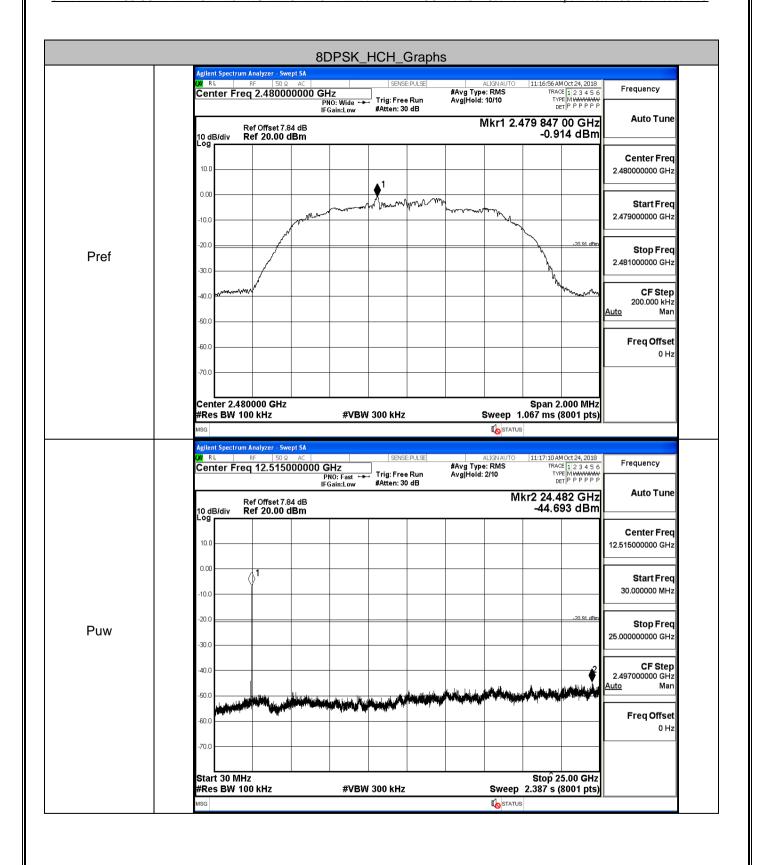






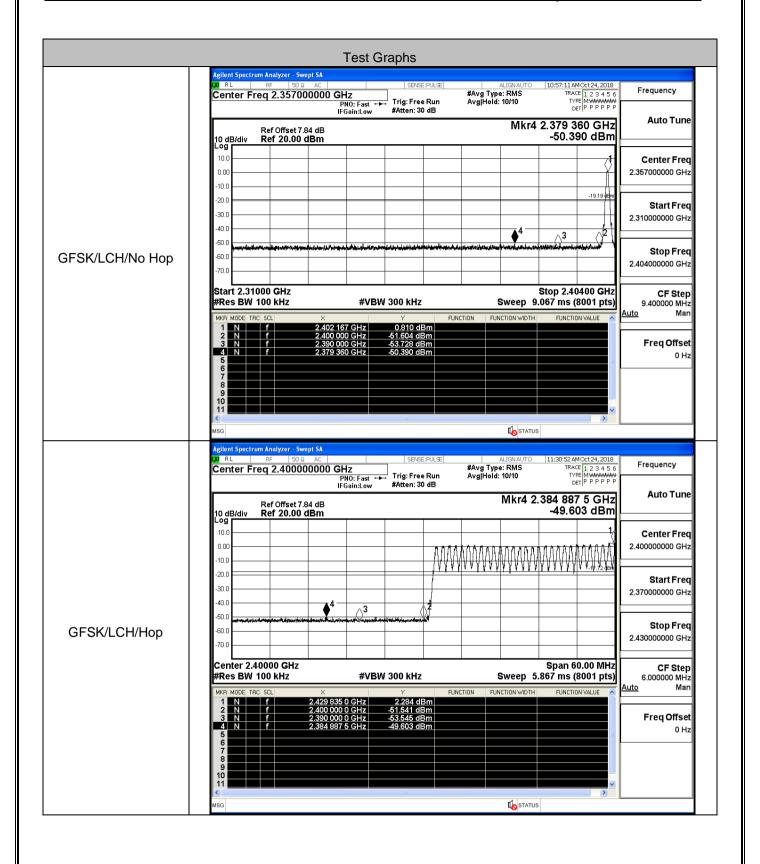


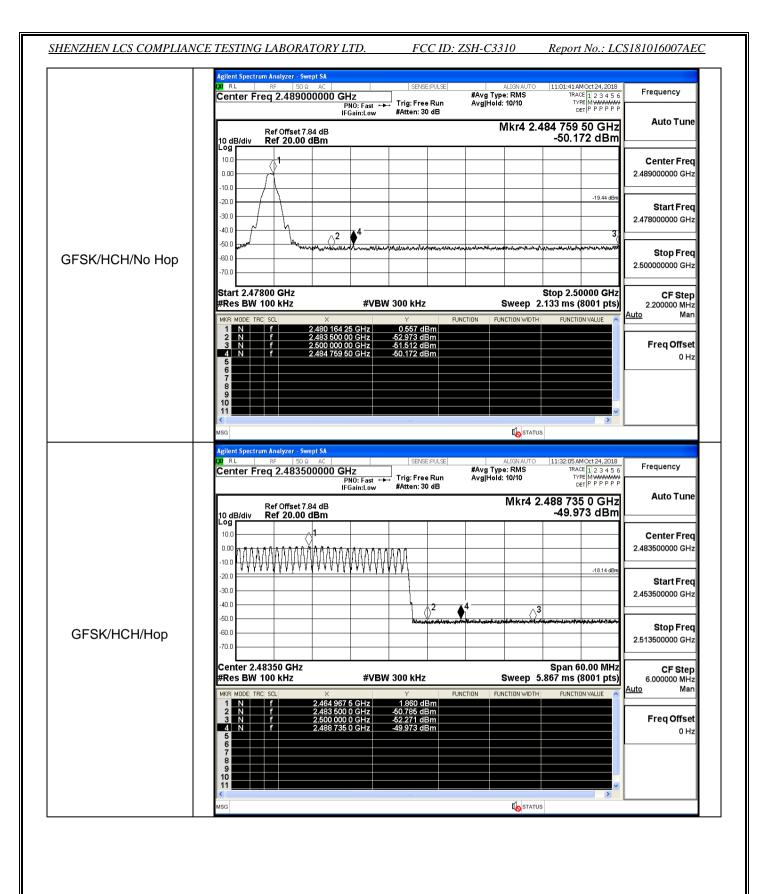


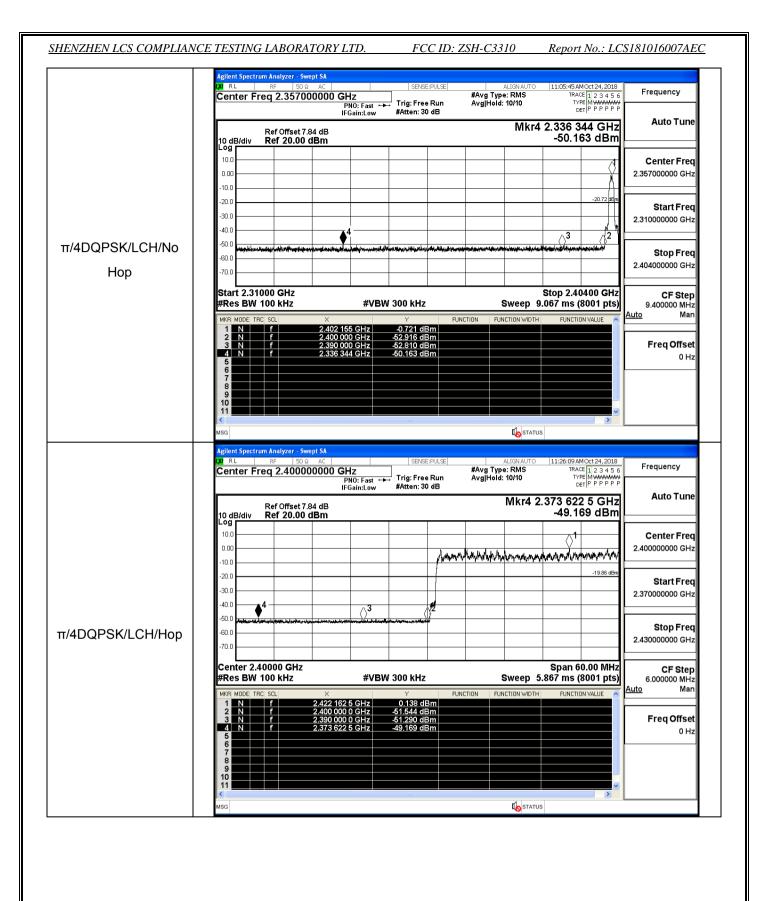


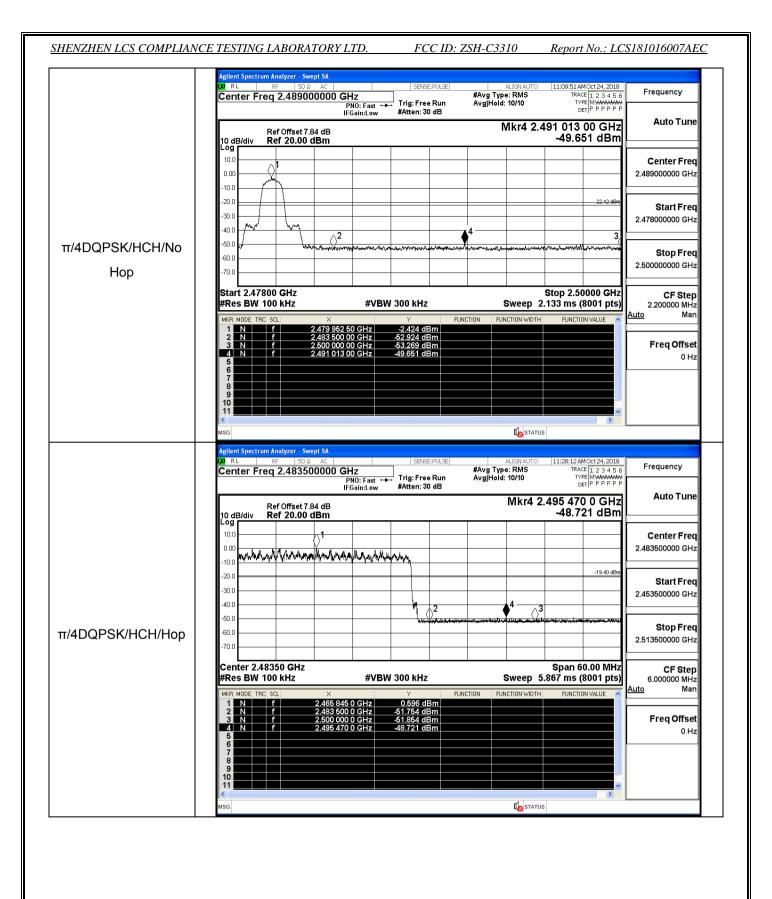
A.7 Band-edge for RF Conducted Emissions

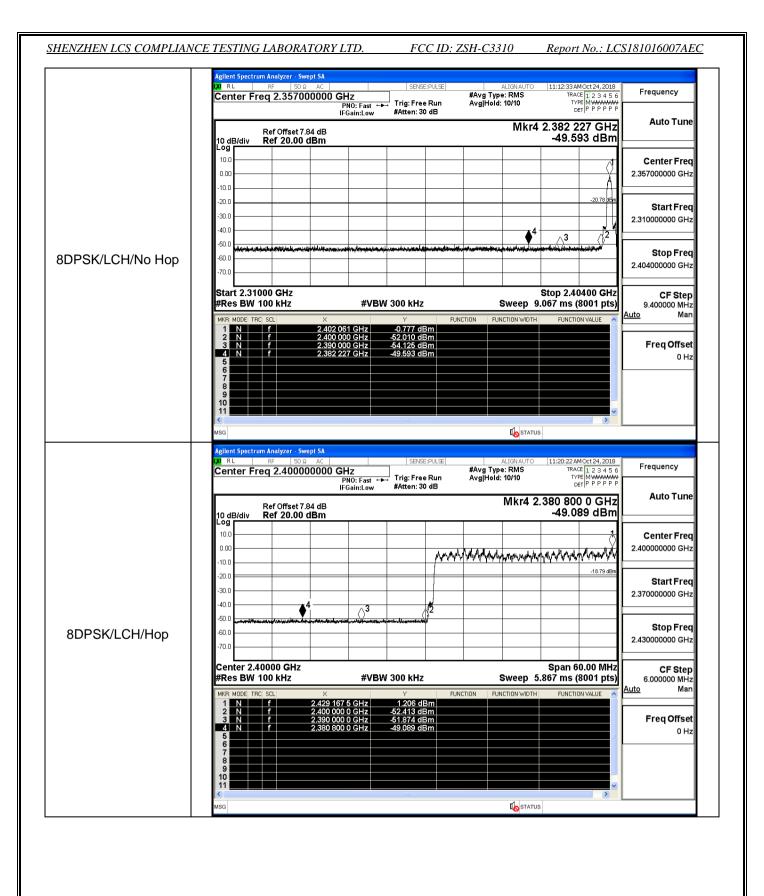
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict			
		0.400	0.810	Off	-50.390	-19.19	PASS			
0.501/	LCH	2402	2.284	On	-49.603	-17.72	PASS			
GFSK	НСН		0.557	Off	-50.172	-19.44	PASS			
		2480	1.860	On	-49.973	-18.14	PASS			
	LCH					-0.721	Off	-50.163	-20.72	PASS
		2402	0.138	On	-49.169	-19.86	PASS			
π/4DQPSK	НСН	CH 2480	-2.424	Off	-49.651	-22.42	PASS			
			0.596	On	-48.721	-19.4	PASS			
		H 2402	-0.777	Off	-49.593	-20.78	PASS			
	LCH		1.206	On	-49.089	-18.79	PASS			
8DPSK		0.400	-1.262	Off	-49.754	-21.26	PASS			
	HCH	1 2480	0.405	On	-49.128	-19.6	PASS			

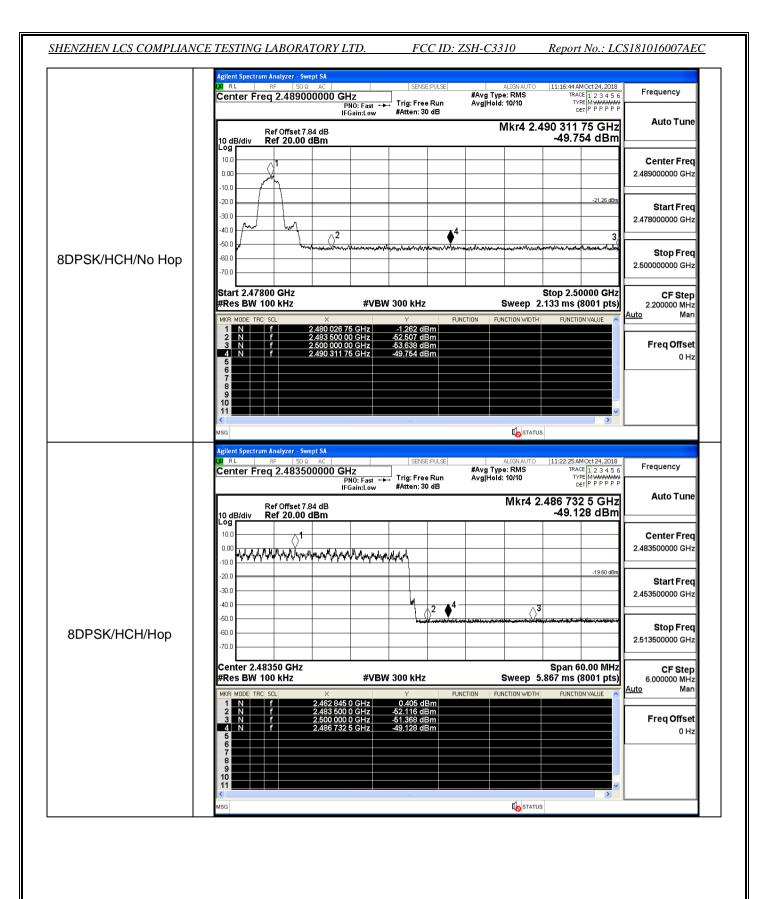






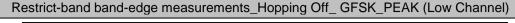


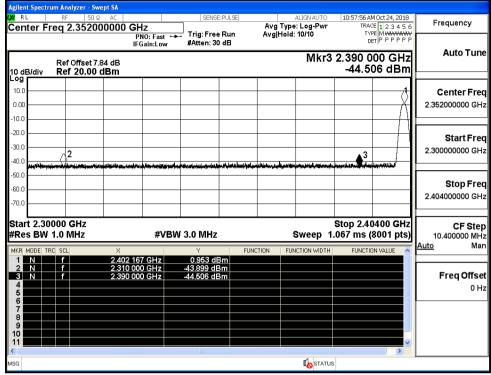




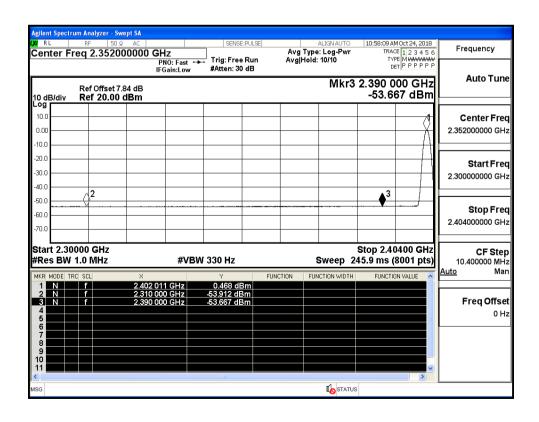
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.90	2.0	0	53.36	PEAK	74	PASS
	Off	2310.0	-53.91	2.0	0	43.35	AV	54	PASS
	Off	2390.0	-44.51	2.0	0	52.75	PEAK	74	PASS
	Off	2390.0	-53.67	2.0	0	43.59	AV	54	PASS
GFSK	Off	2483.5	-43.11	2.0	0	54.15	PEAK	74	PASS
	Off	2483.5	-53.29	2.0	0	43.96	AV	54	PASS
	Off	2500.0	-43.91	2.0	0	53.34	PEAK	74	PASS
	Off	2500.0	-53.14	2.0	0	44.12	AV	54	PASS
	Off	2310.0	-43.25	2.0	0	54.00	PEAK	74	PASS
	Off	2310.0	-53.92	2.0	0	43.33	AV	54	PASS
	Off	2390.0	-42.68	2.0	0	54.58	PEAK	74	PASS
	Off	2390.0	-53.64	2.0	0	43.62	AV	54	PASS
π/4DQPSK	Off	2483.5	-41.91	2.0	0	55.35	PEAK	74	PASS
	Off	2483.5	-53.19	2.0	0	44.07	AV	54	PASS
	Off	2500.0	-42.30	2.0	0	54.96	PEAK	74	PASS
	Off	2500.0	-53.30	2.0	0	43.96	AV	54	PASS
	Off	2310.0	-44.02	2.0	0	53.24	PEAK	74	PASS
	Off	2310.0	-53.88	2.0	0	43.38	AV	54	PASS
	Off	2390.0	-42.57	2.0	0	54.68	PEAK	74	PASS
	Off	2390.0	-53.62	2.0	0	43.64	AV	54	PASS
8DPSK	Off	2483.5	-42.77	2.0	0	54.48	PEAK	74	PASS
	Off	2483.5	-53.38	2.0	0	43.88	AV	54	PASS
	Off	2500.0	-41.36	2.0	0	55.90	PEAK	74	PASS
	Off	2500.0	-53.34	2.0	0	43.92	AV	54	PASS

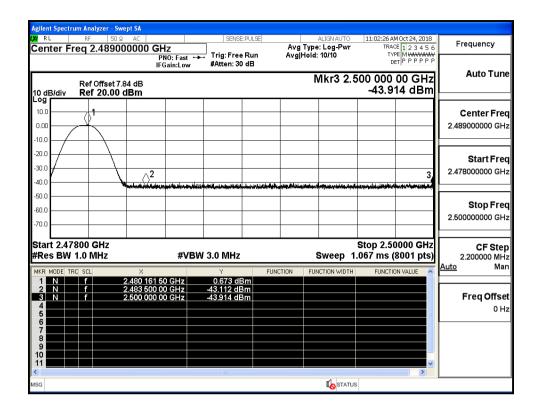




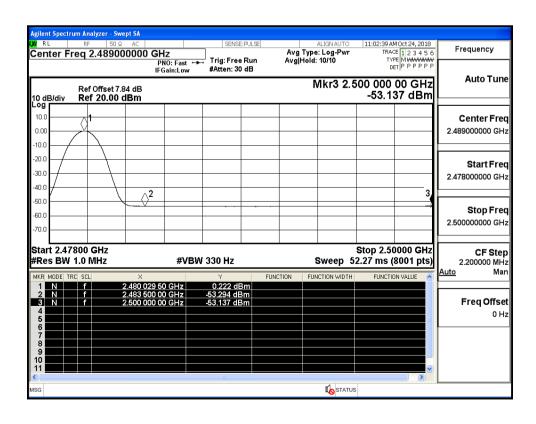
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



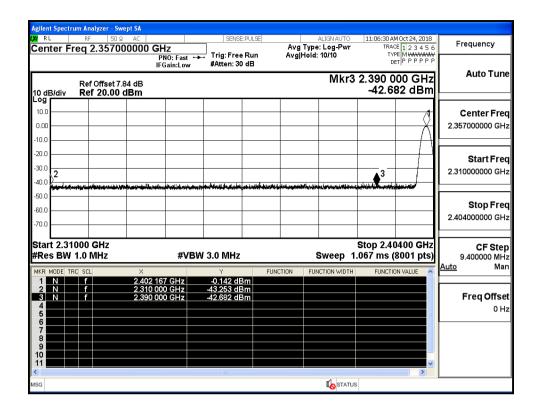
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



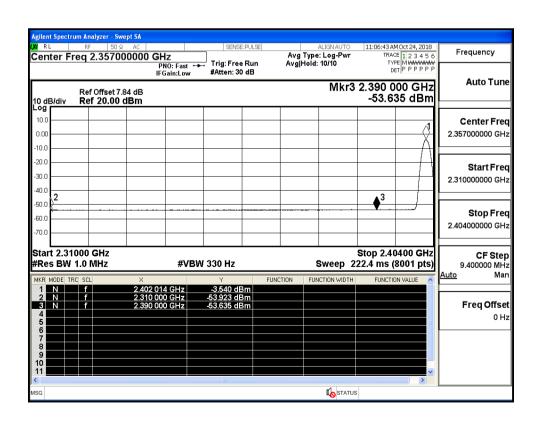
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



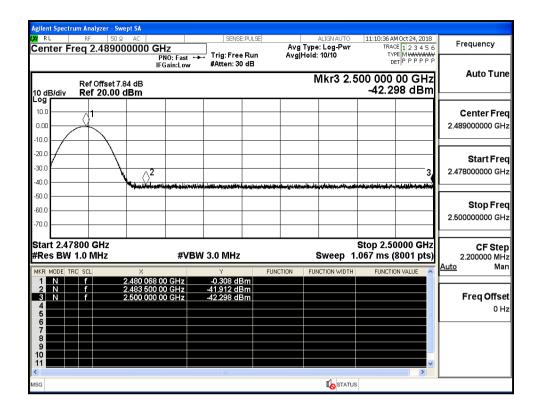
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



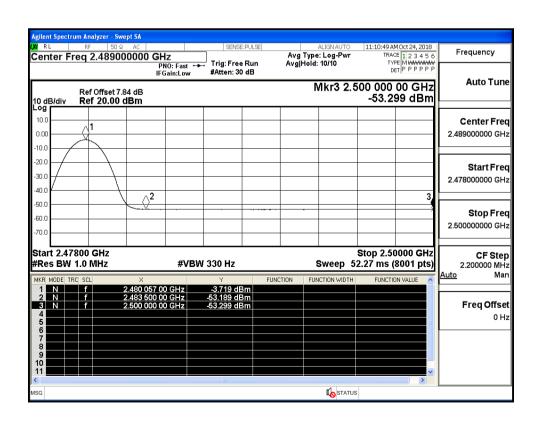
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



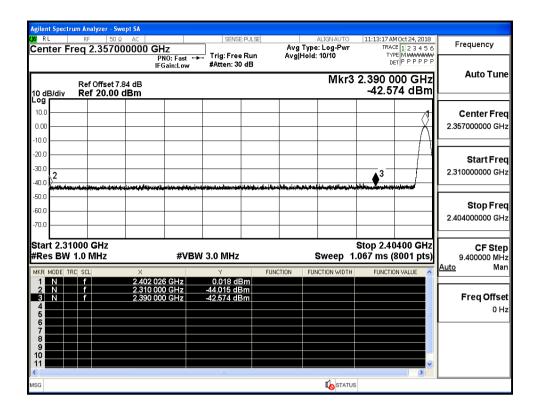
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



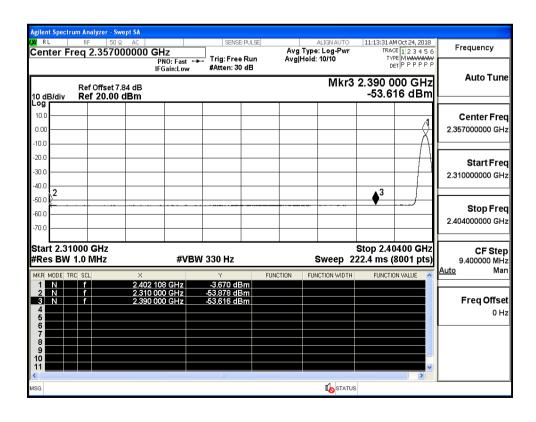
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



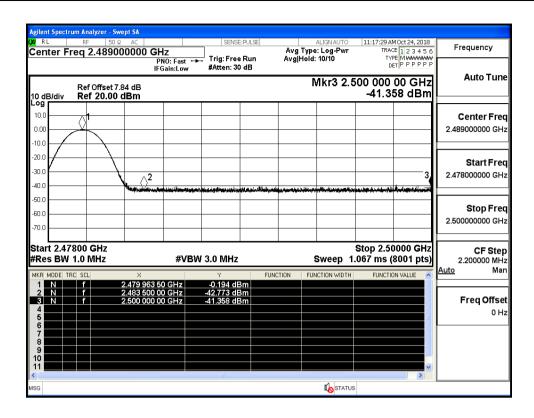
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

