Appendix A

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

Product Name: Feature phone

Trade Mark: KXD, EL, E&L, kenxinda, Ken moblie

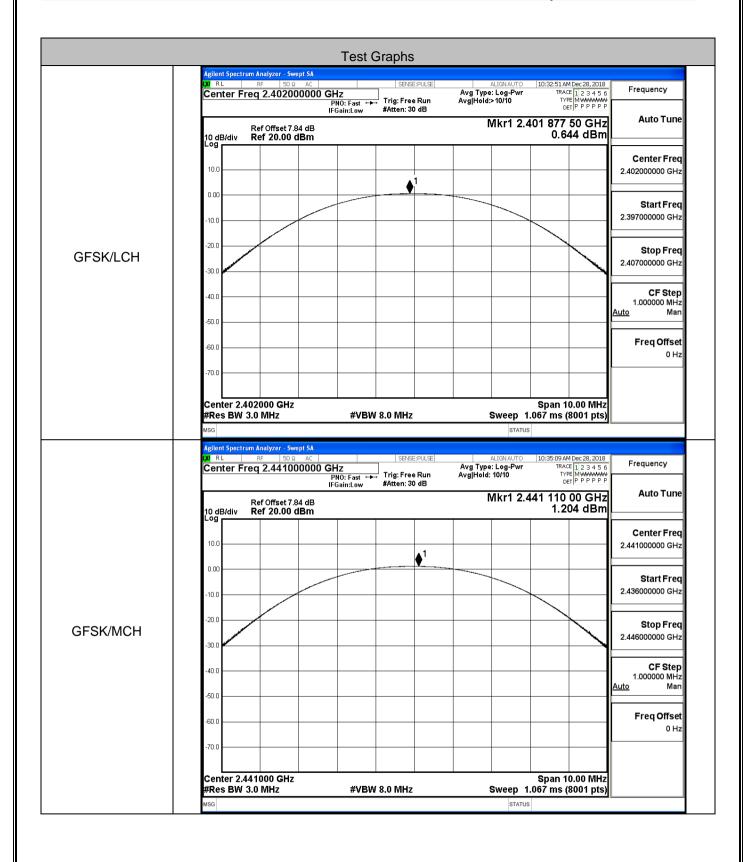
Test Model: C1

Environmental Conditions

Temperature:	24.2 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden.Zhuo

A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Maximum AVG Output Power [dBm]	Limit [dBm]	Verdict
	LCH	0.644	0.413	30	PASS
GFSK	MCH	1.204	0.746	30	PASS
	НСН	0.721	0.507	30	PASS
	LCH	-0.083	-0.341	21	PASS
π/4DQPSK	MCH	0.534	0.173	21	PASS
	HCH	-0.012	-0.398	21	PASS
	LCH	-0.052	-0.516	21	PASS
8DPSK	MCH	0.577	0.101	21	PASS
	НСН	-0.032	-0.405	21	PASS

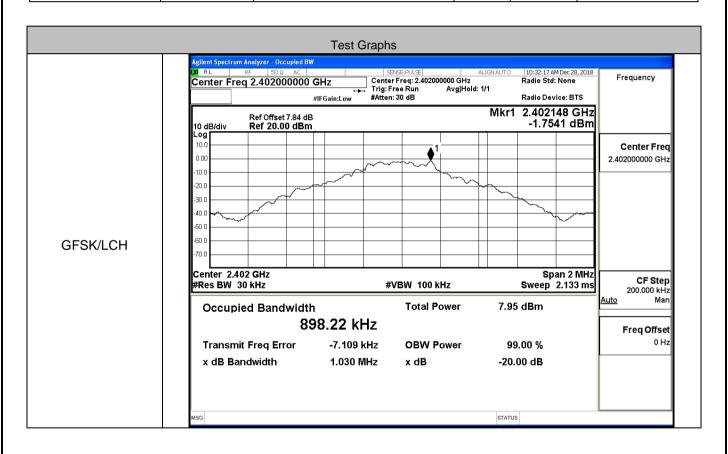


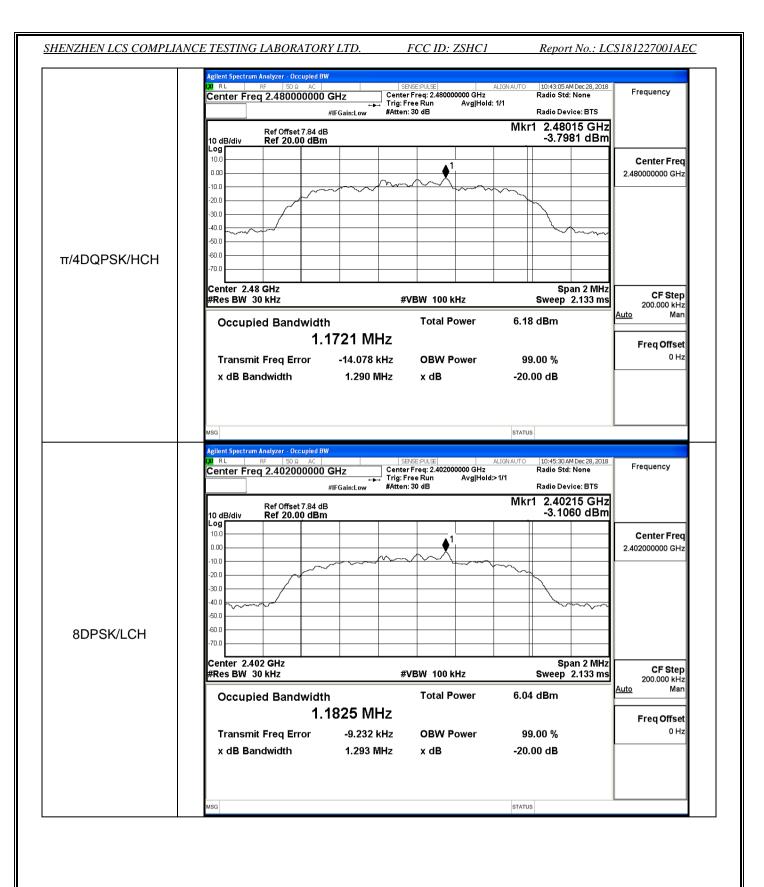
#VBW 8.0 MHz

STATUS

A.2 20dB Bandwidth

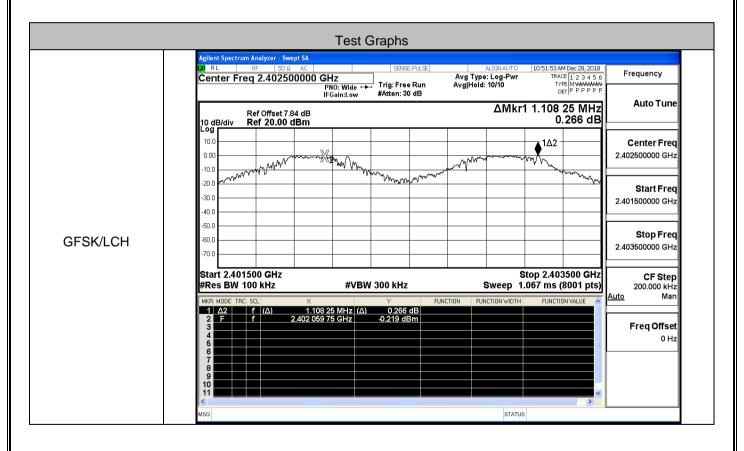
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.030	Not Specified	PASS
GFSK	MCH	1.033	Not Specified	PASS
	HCH	1.035	Not Specified	PASS
	LCH	1.292	Not Specified	PASS
π/4DQPSK	MCH	1.314	Not Specified	PASS
	НСН	1.290	Not Specified	PASS
	LCH	1.293	Not Specified	PASS
8DPSK	MCH	1.295	Not Specified	PASS
	НСН	1.292	Not Specified	PASS



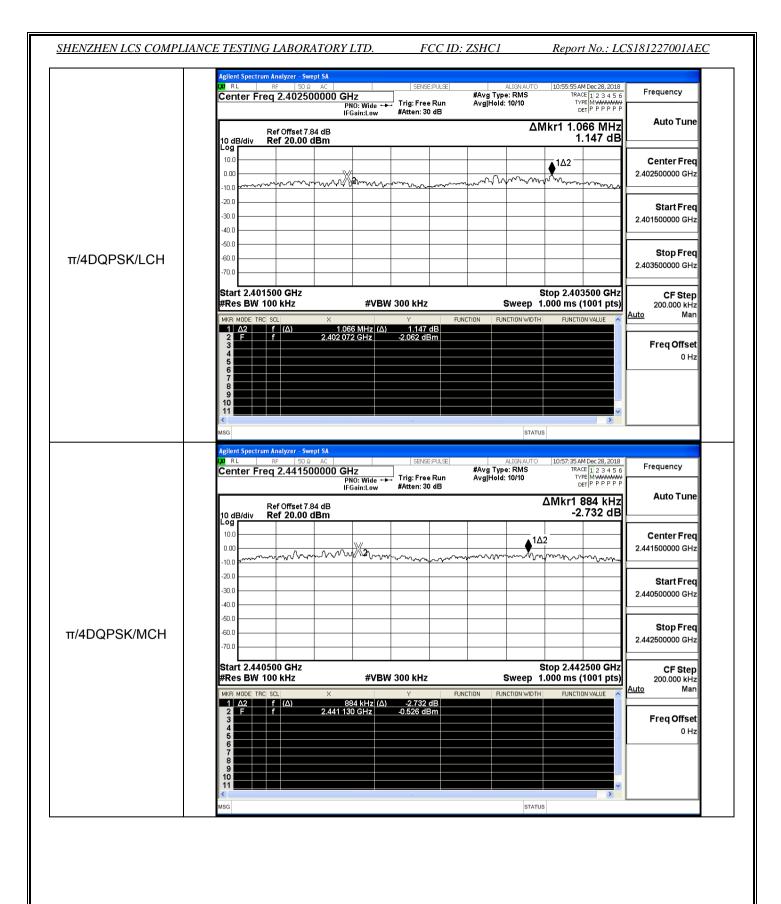


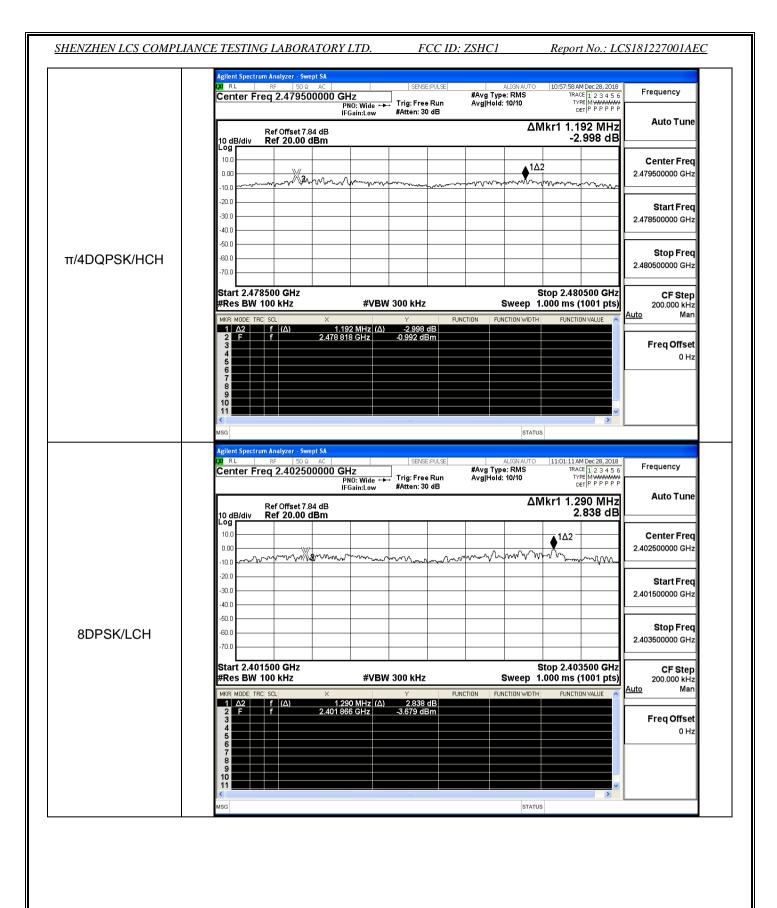
A.3 Carrier Frequency Separation

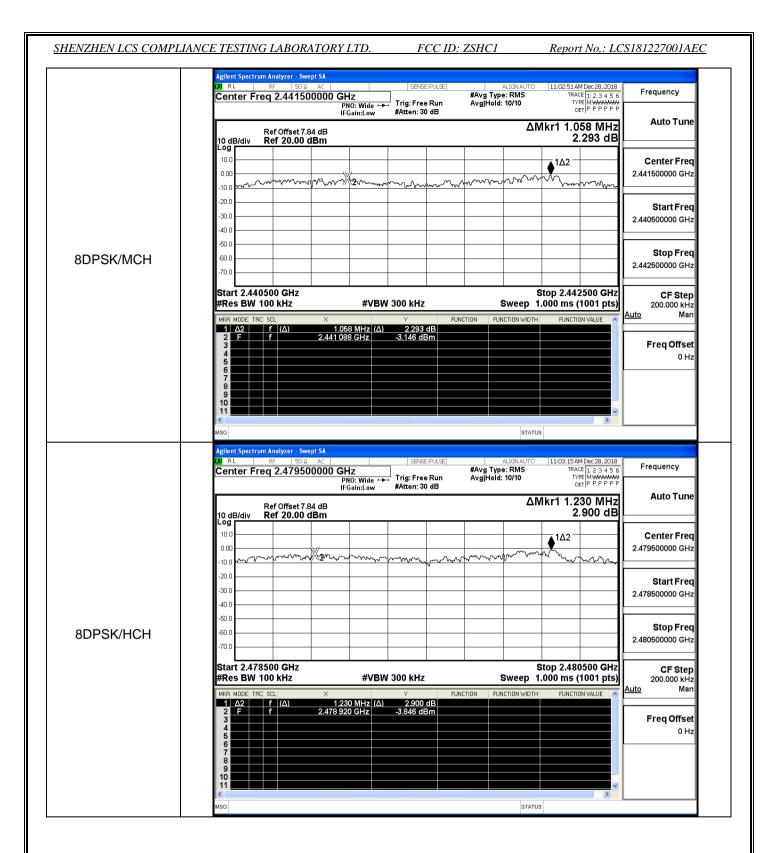
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.108	0.690	PASS
GFSK	MCH	0.852	0.690	PASS
	HCH	1.192	0.690	PASS
	LCH	1.066	0.876	PASS
π/4DQPSK	MCH	0.884	0.876	PASS
	HCH	1.192	0.876	PASS
8DPSK	LCH	1.290	0.863	PASS
	DPSK MCH 1.058		0.863	PASS
	HCH	1.230	0.863	PASS







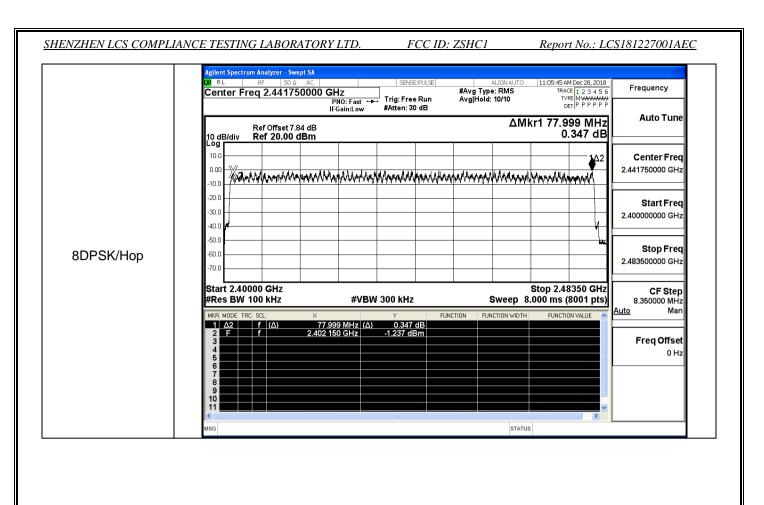




A.4 Hopping Channel Number

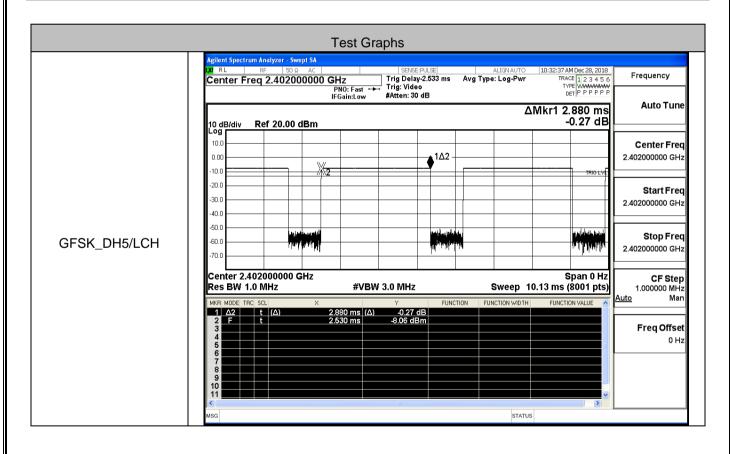
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

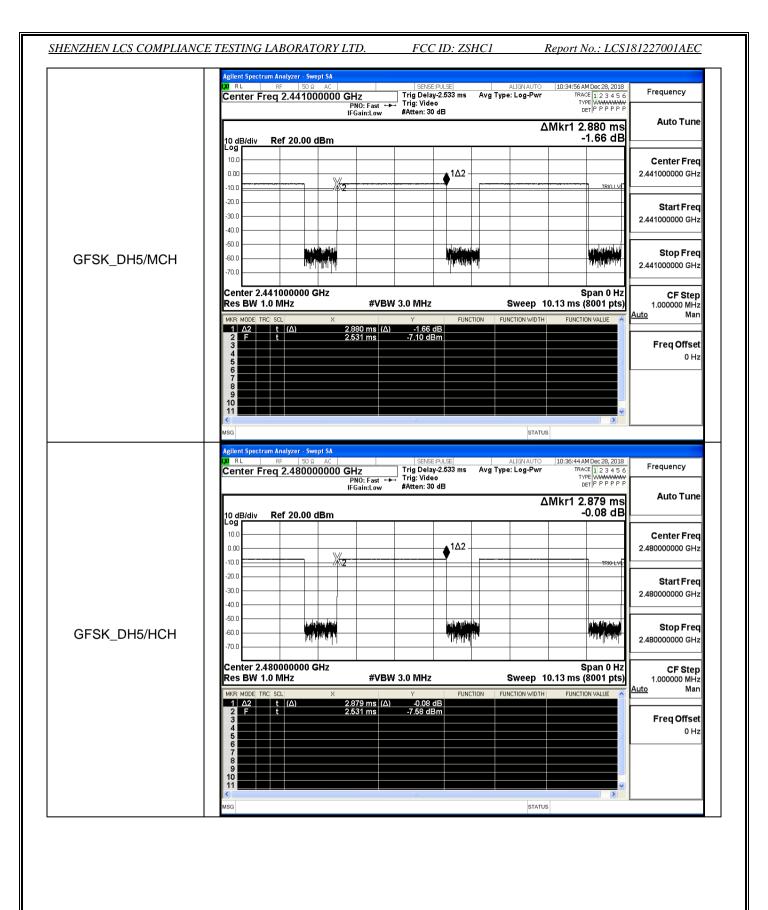
STATUS

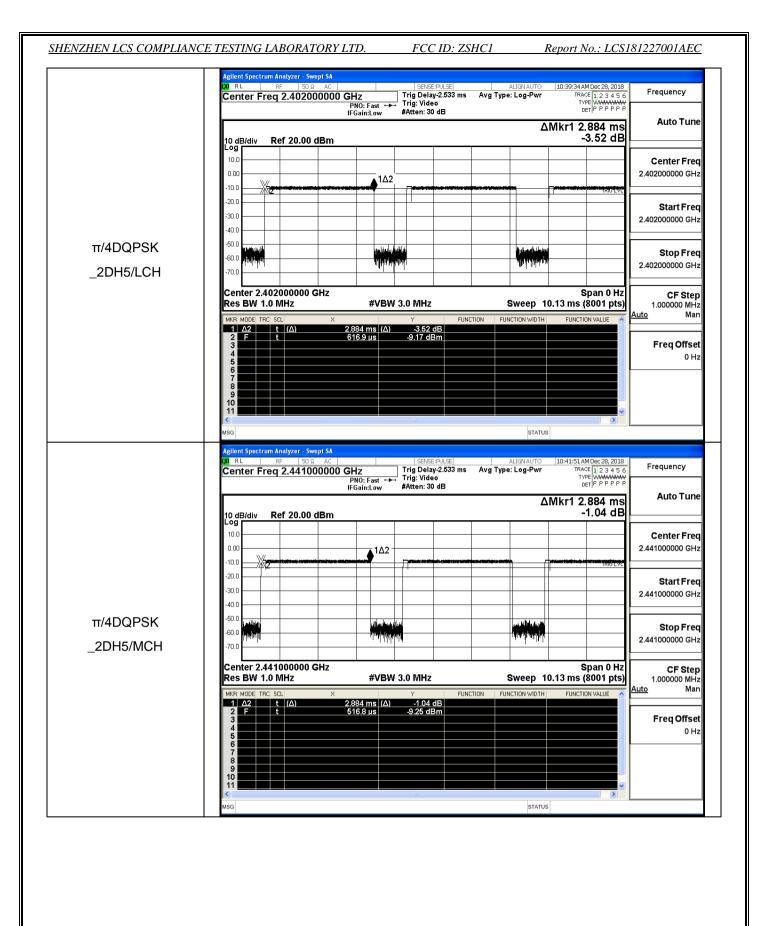


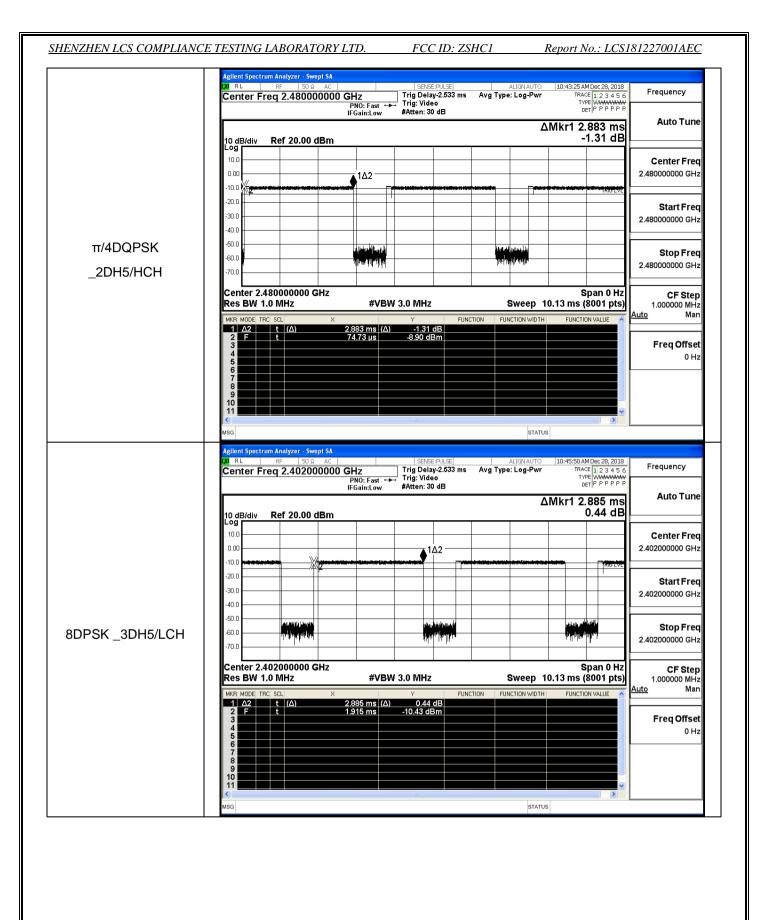
A.5 Dwell Time

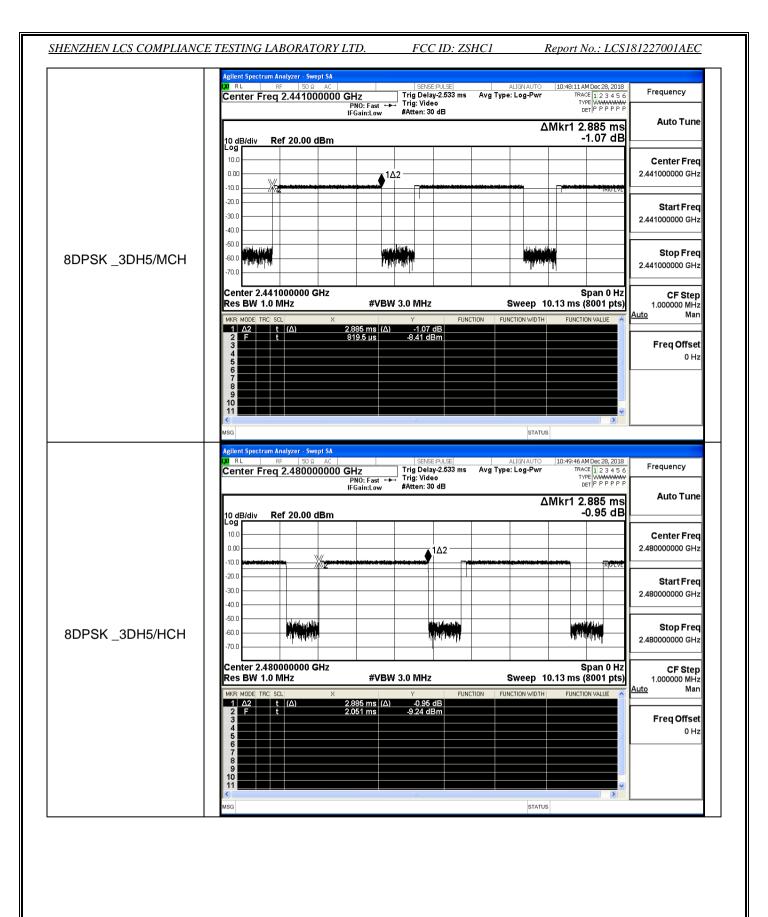
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	МСН	2.88	106.7	0.307	0.4	PASS
	DH5 HCH		2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	МСН	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7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





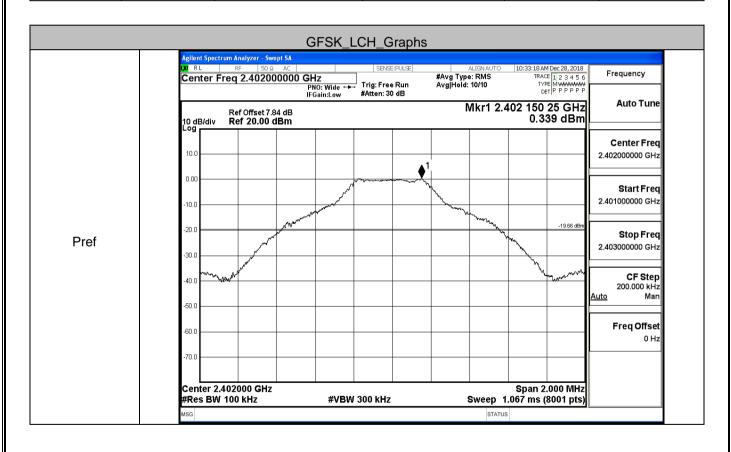




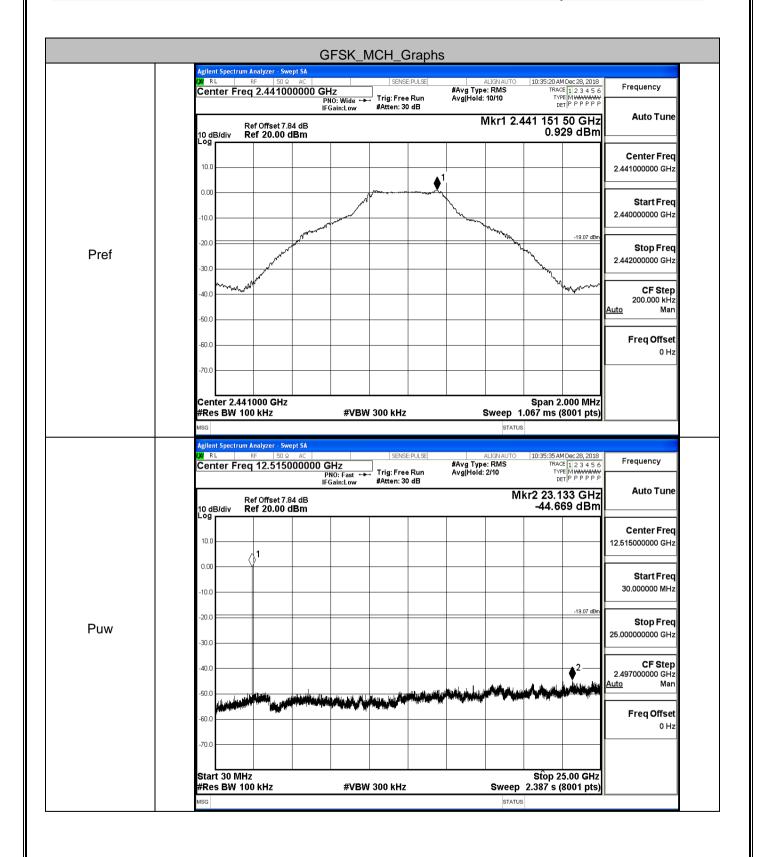


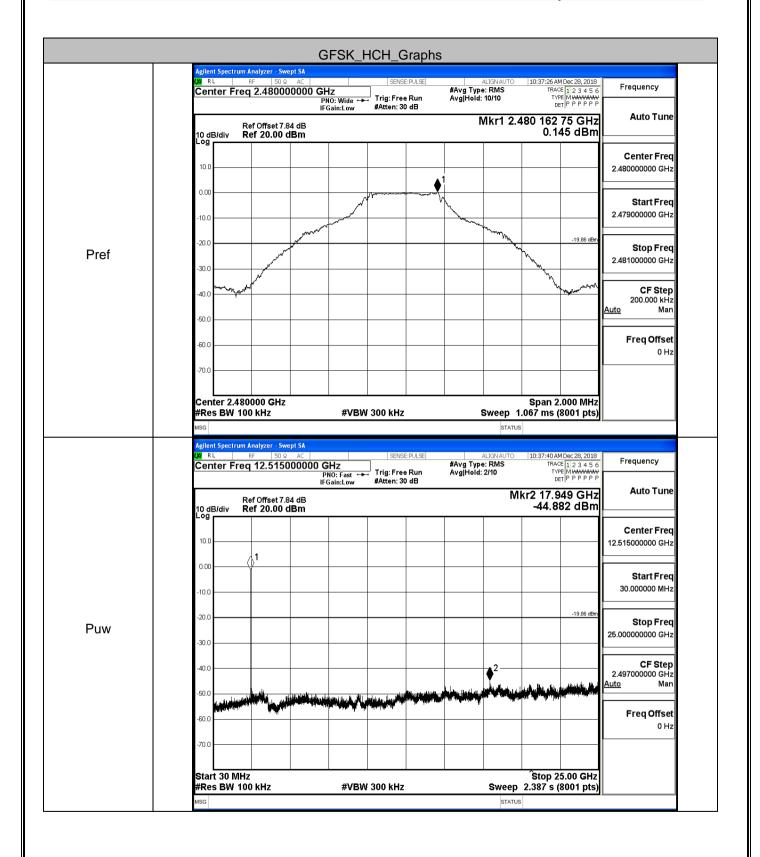
A.6 RF Conducted Spurious Emissions

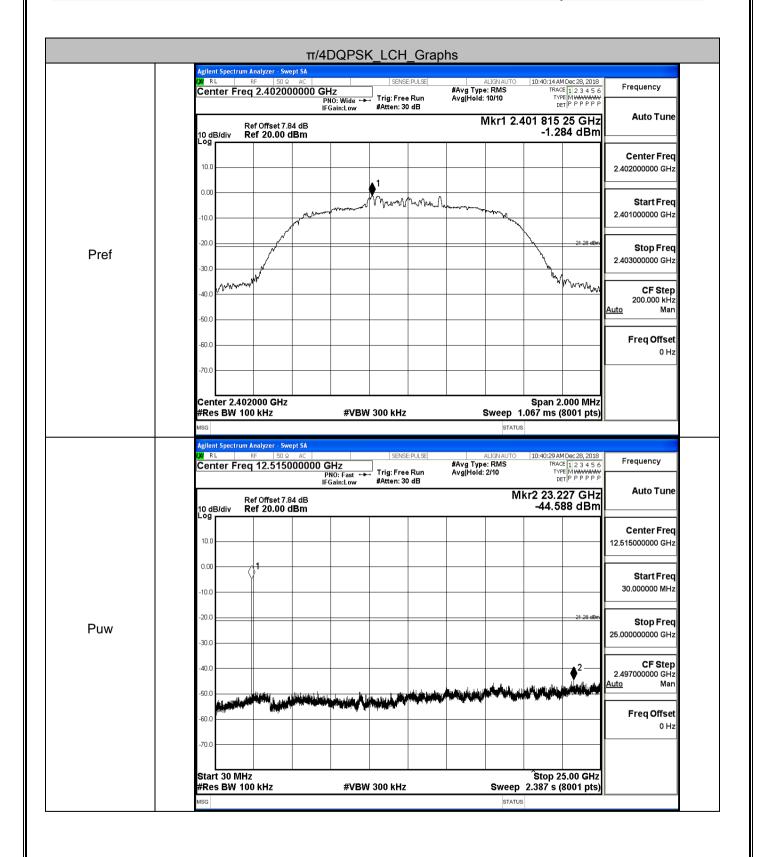
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	0.339	-45.349	-19.661	PASS
GFSK	MCH	0.929	-44.669	-19.071	PASS
	HCH	0.145	-44.882	-19.855	PASS
	LCH	-1.284	-44.588	-21.284	PASS
π/4DQPSK	MCH	-0.455	-44.286	-20.455	PASS
	НСН	-1.124	-44.904	-21.124	PASS
	LCH	-1.637	-45.107	-21.637	PASS
8DPSK	MCH	-0.416	-44.910	-20.416	PASS
	НСН	-0.972	-44.259	-20.972	PASS

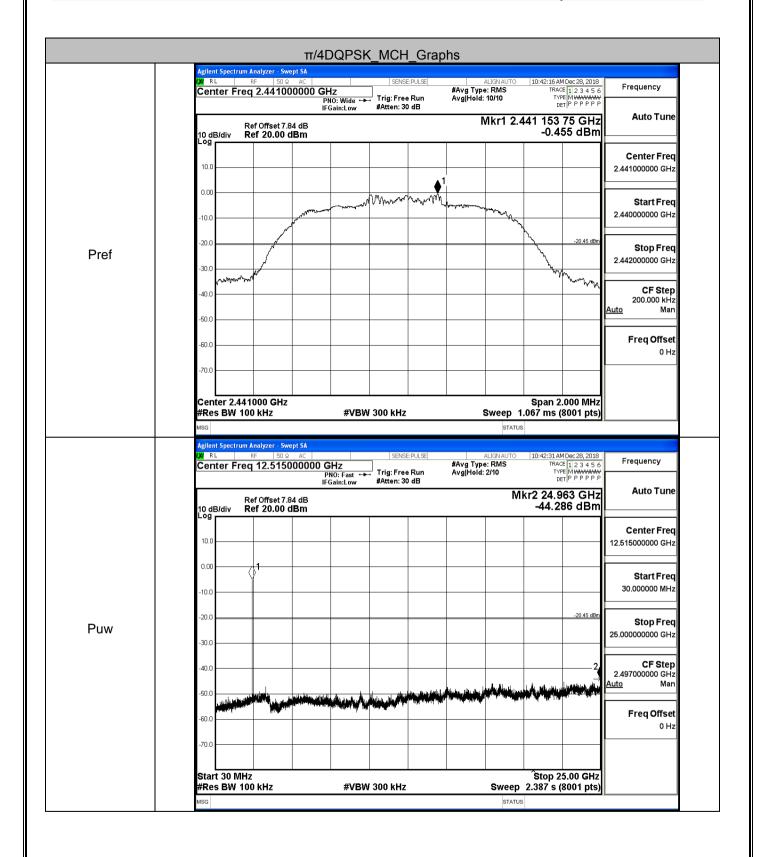


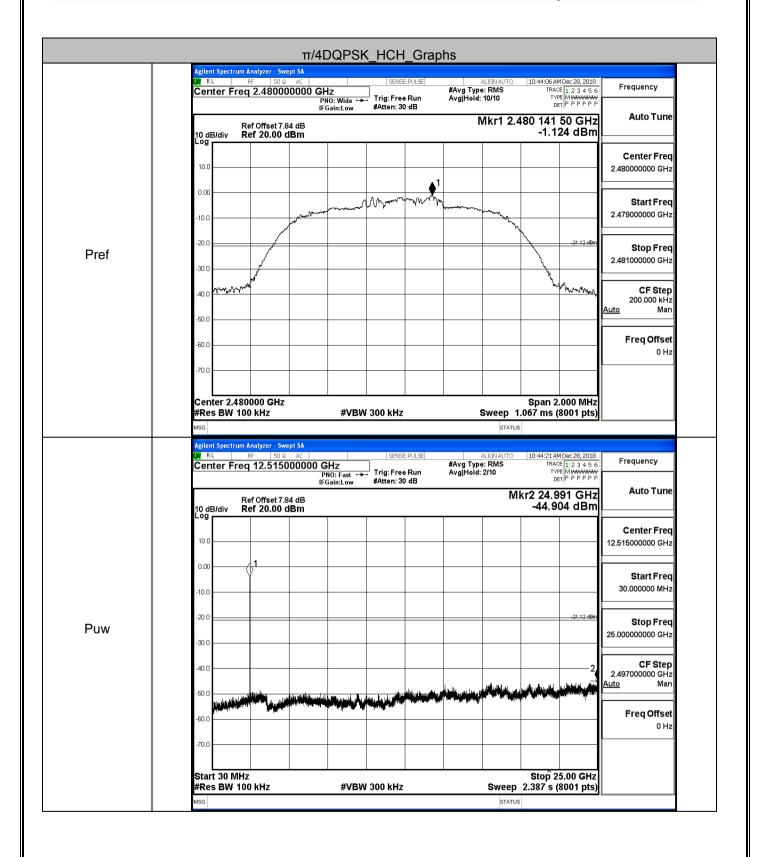
STATUS

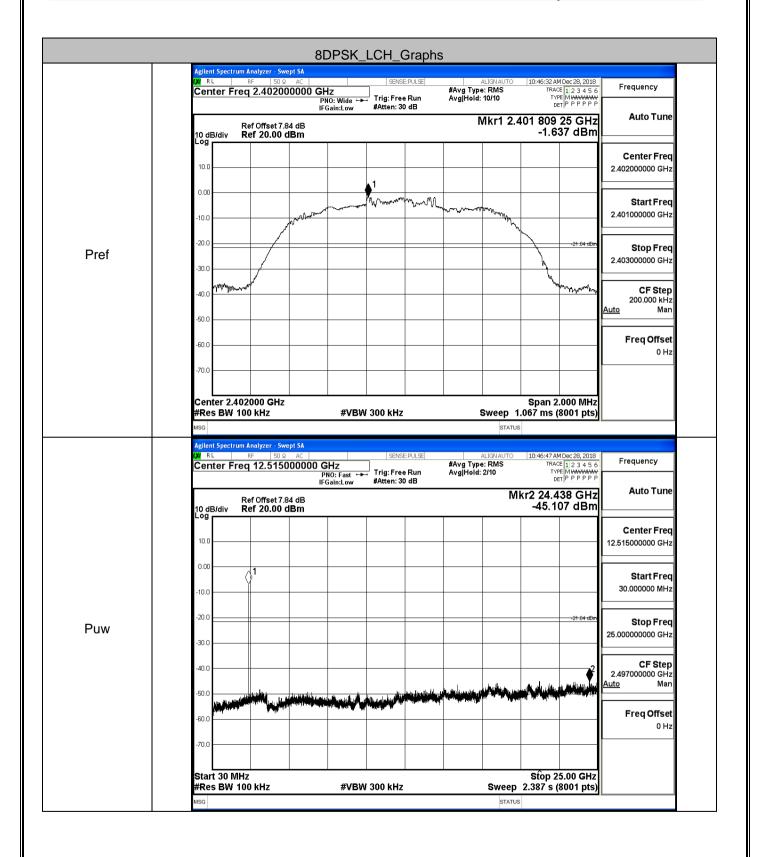


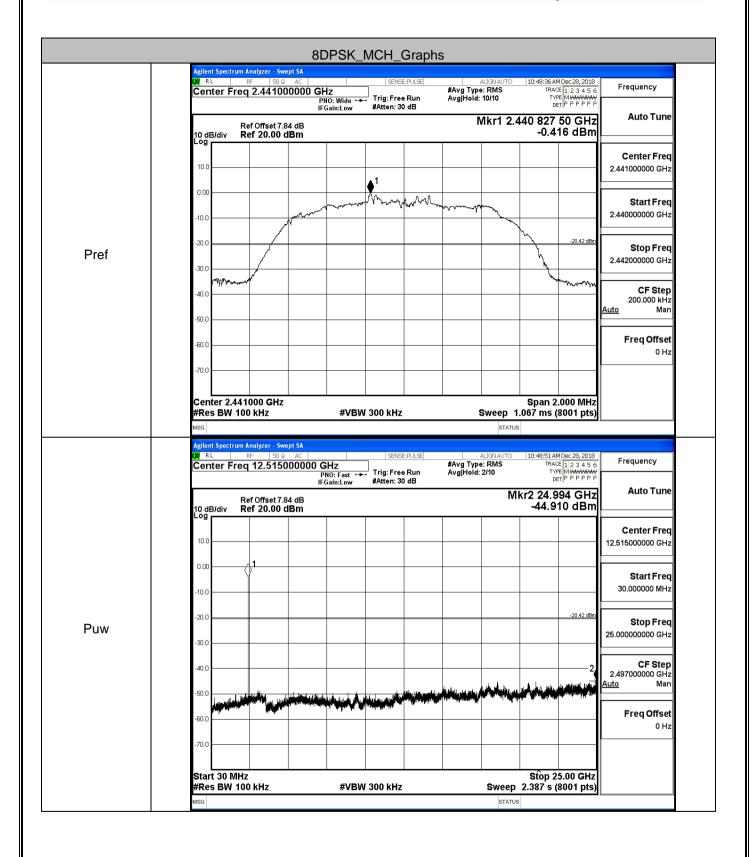


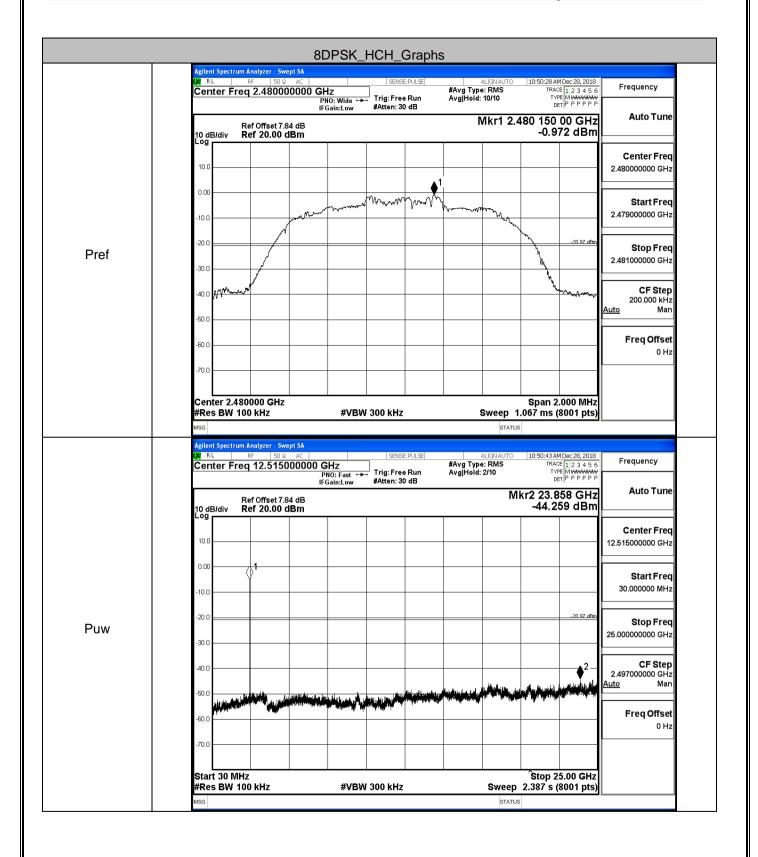






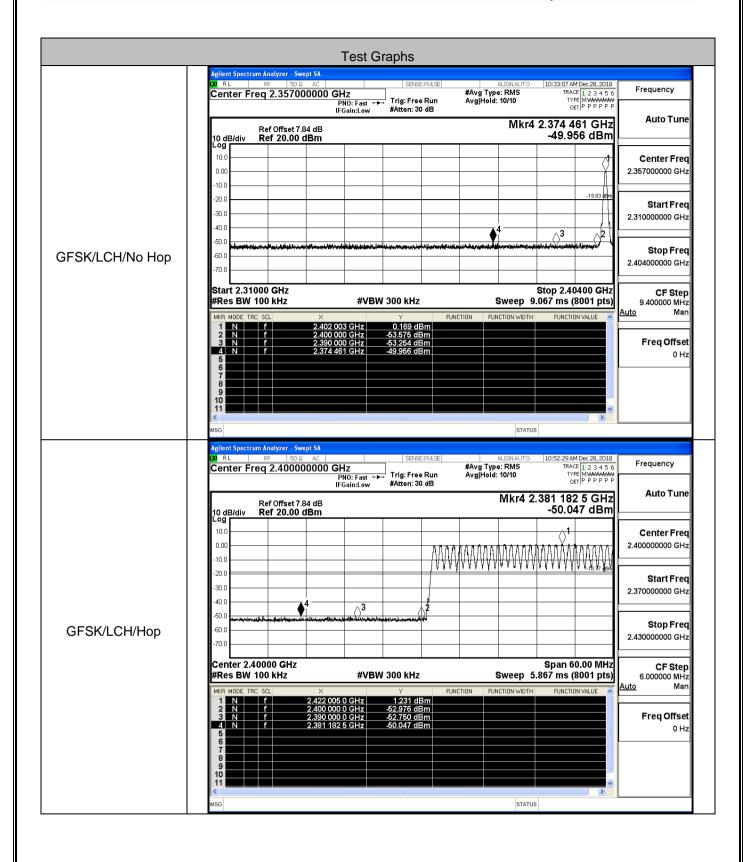


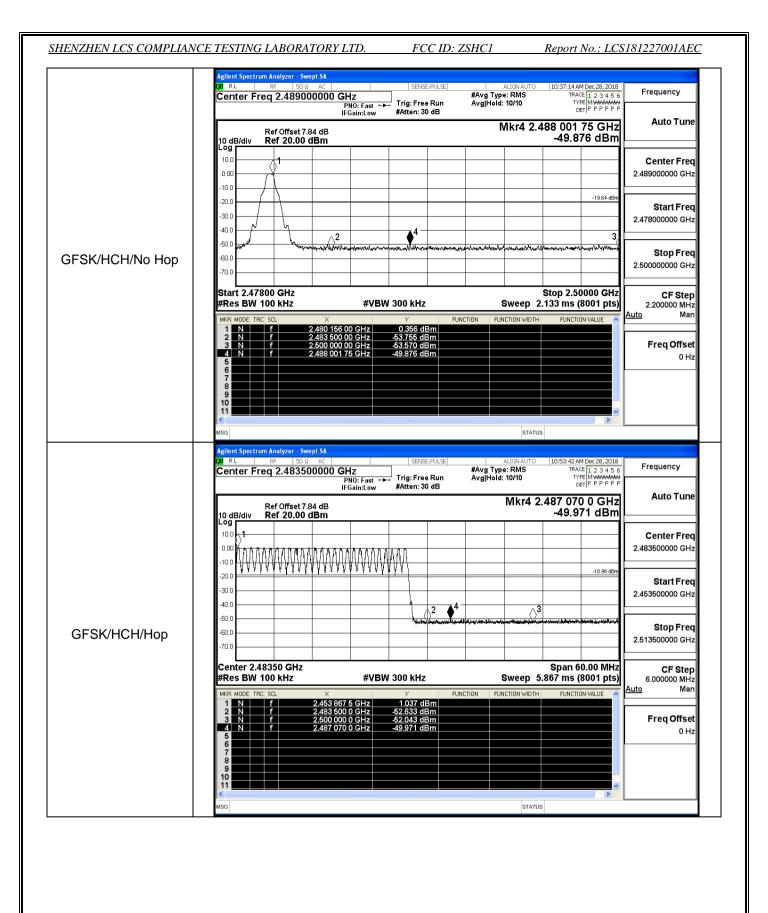


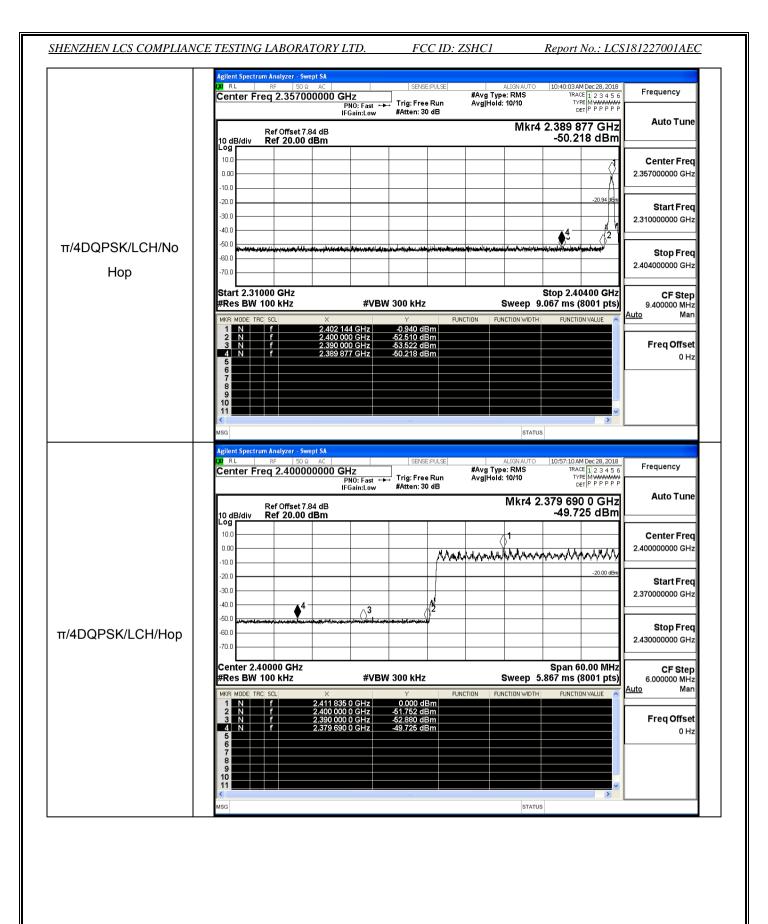


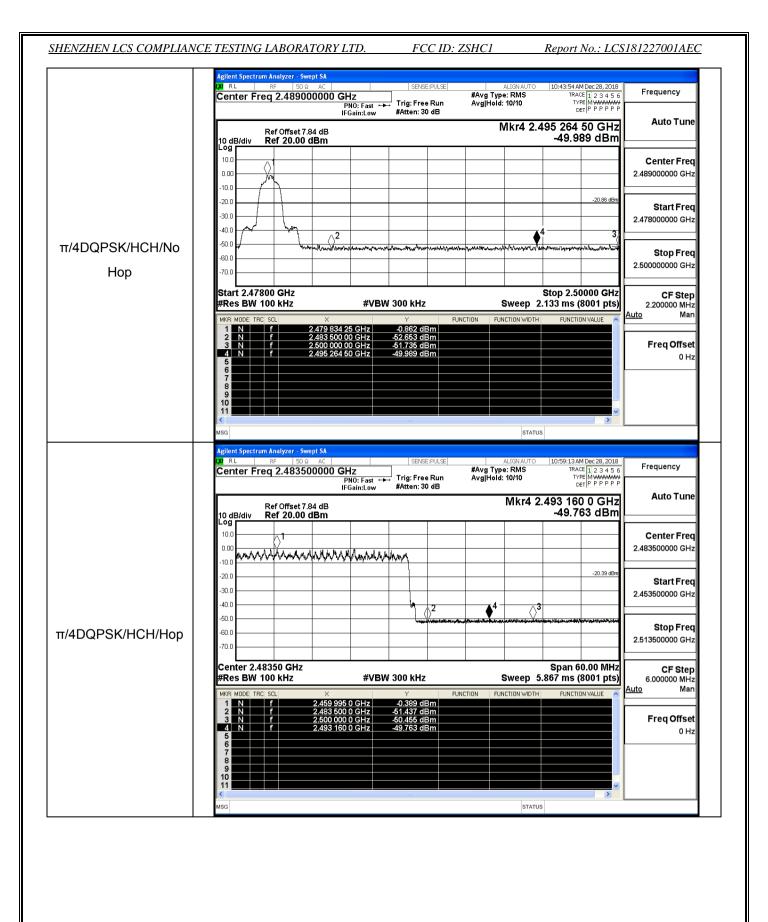
A.7 Band-edge for RF Conducted Emissions

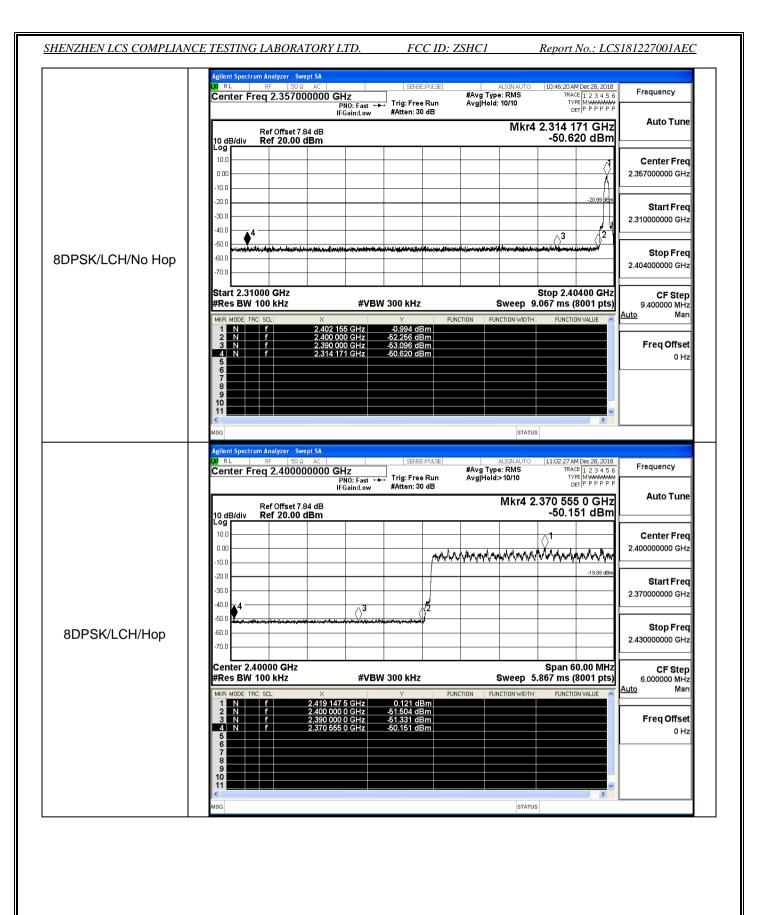
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
		0.400	0.169	Off	-49.956	-19.83	PASS
0.501/	LCH	2402	1.231	On	-50.047	-18.77	PASS
GFSK			0.356	Off	-49.876	-19.64	PASS
	HCH	2480	1.037	On	-49.971	-18.96	PASS
	LCH		-0.940	Off	-50.218	-20.94	PASS
		2402	0.000	On	-49.725	-20	PASS
π/4DQPSK	НСН		-0.862	Off	-49.989	-20.86	PASS
		2480	-0.389	On	-49.763	-20.39	PASS
			-0.994	Off	-50.620	-20.99	PASS
	LCH	2402	0.121	On	-50.151	-19.88	PASS
8DPSK			-2.048	Off	-49.771	-22.05	PASS
	HCH	2480	-0.149	On	-49.837	-20.15	PASS

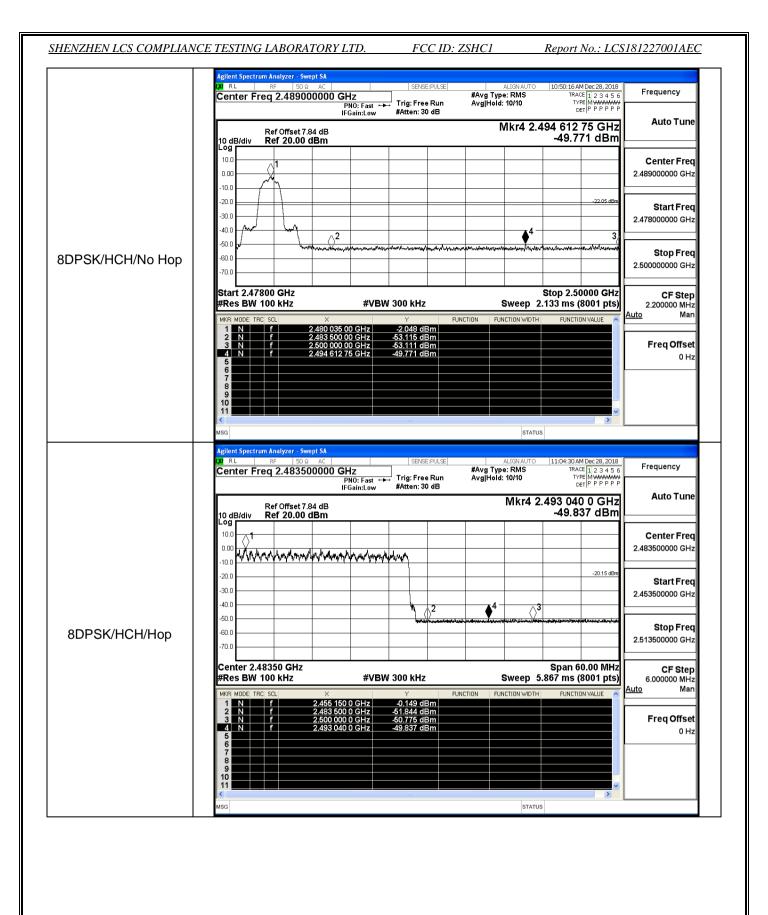






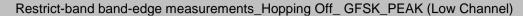


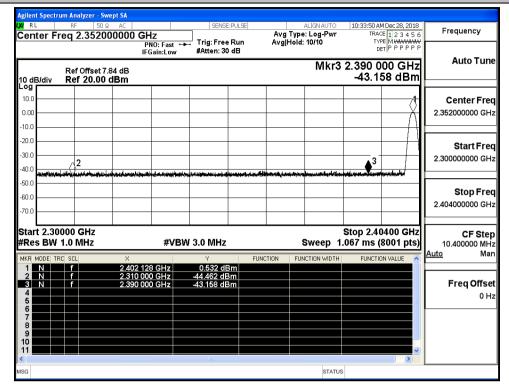




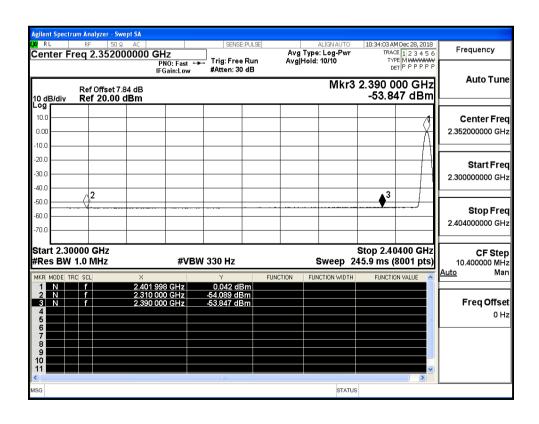
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-44.46	2.0	0	52.80	PEAK	74	PASS
	Off	2310.0	-54.09	2.0	0	43.17	AV	54	PASS
	Off	2390.0	-43.16	2.0	0	54.10	PEAK	74	PASS
0501	Off	2390.0	-53.85	2.0	0	43.41	AV	54	PASS
GFSK	Off	2483.5	-43.26	2.0	0	54.00	PEAK	74	PASS
	Off	2483.5	-53.52	2.0	0	43.74	AV	54	PASS
	Off	2500.0	-44.34	2.0	0	52.92	PEAK	74	PASS
	Off	2500.0	-53.48	2.0	0	43.78	AV	54	PASS
	Off	2310.0	-43.27	2.0	0	53.99	PEAK	74	PASS
	Off	2310.0	-54.04	2.0	0	43.22	AV	54	PASS
	Off	2390.0	-42.81	2.0	0	54.45	PEAK	74	PASS
-/4DODOK	Off	2390.0	-53.79	2.0	0	43.47	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.75	2.0	0	54.51	PEAK	74	PASS
	Off	2483.5	-53.49	2.0	0	43.77	AV	54	PASS
	Off	2500.0	-43.41	2.0	0	53.85	PEAK	74	PASS
	Off	2500.0	-53.45	2.0	0	43.81	AV	54	PASS
	Off	2310.0	-43.53	2.0	0	53.72	PEAK	74	PASS
	Off	2310.0	-54.10	2.0	0	43.15	AV	54	PASS
	Off	2390.0	-43.40	2.0	0	53.86	PEAK	74	PASS
	Off	2390.0	-53.85	2.0	0	43.41	AV	54	PASS
8DPSK	Off	2483.5	-43.70	2.0	0	53.56	PEAK	74	PASS
	Off	2483.5	-53.40	2.0	0	43.86	AV	54	PASS
	Off	2500.0	-42.43	2.0	0	54.83	PEAK	74	PASS
	Off	2500.0	-53.49	2.0	0	43.77	AV	54	PASS

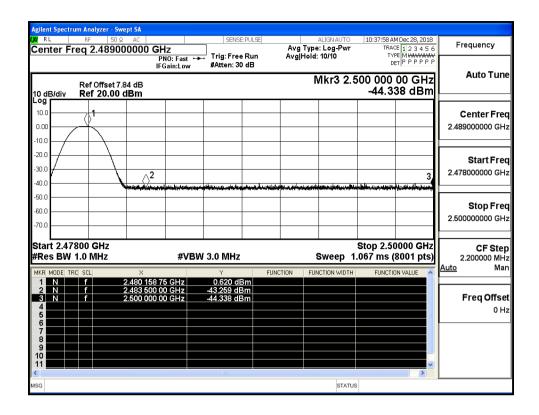




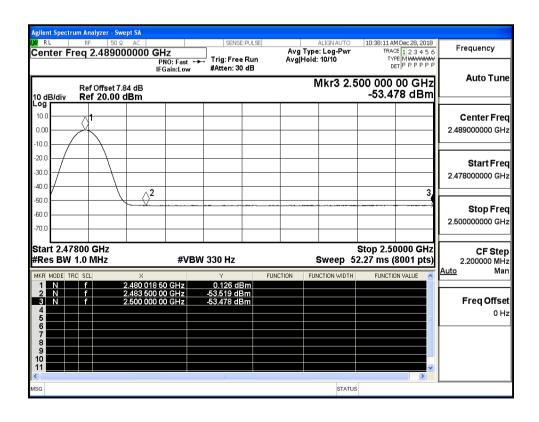
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



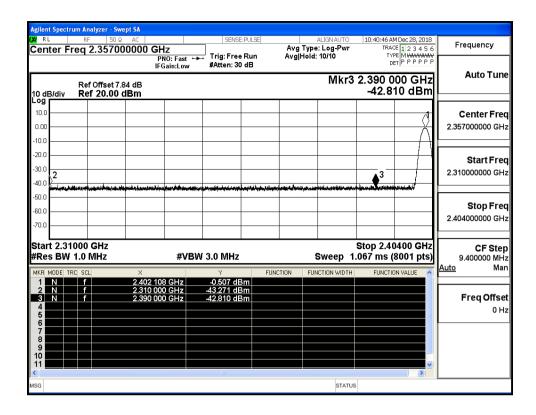
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



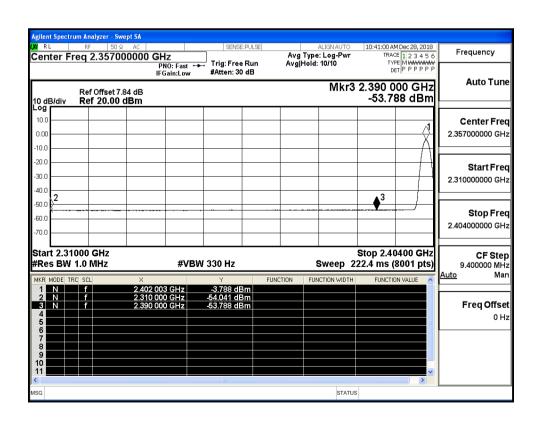
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



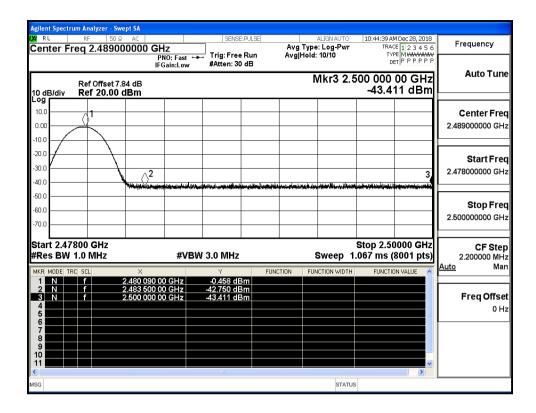
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



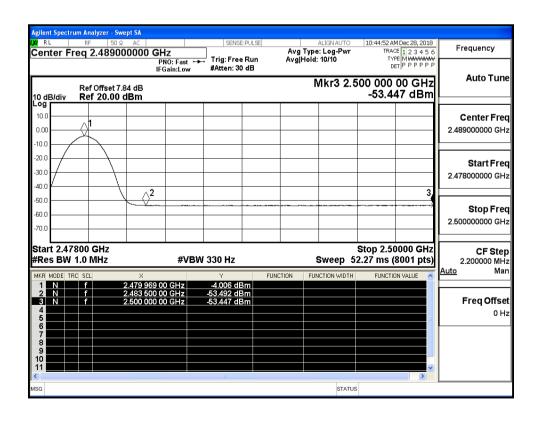
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



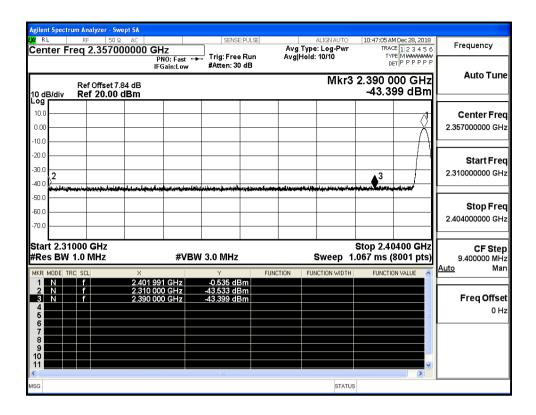
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



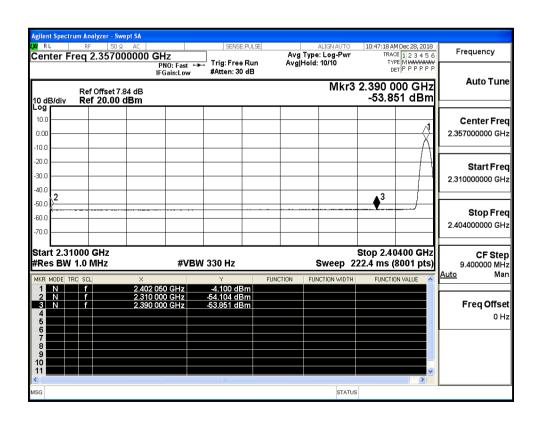
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



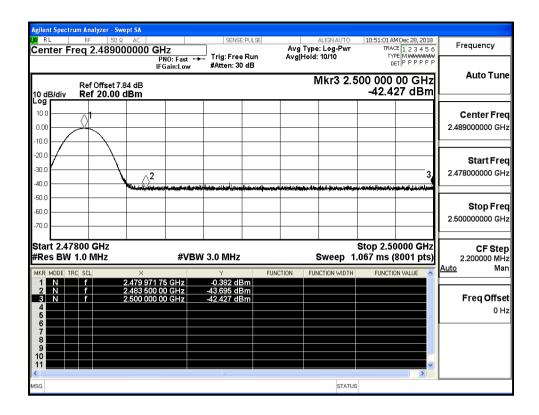
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

