Appendix A

RF Test Data for BT V4.2(BDR/EDR) (Conducted Measurement)

Product Name: MONSTER TRIO Trade Mark: MONSTER Test Model: MNTRIO

Environmental Conditions

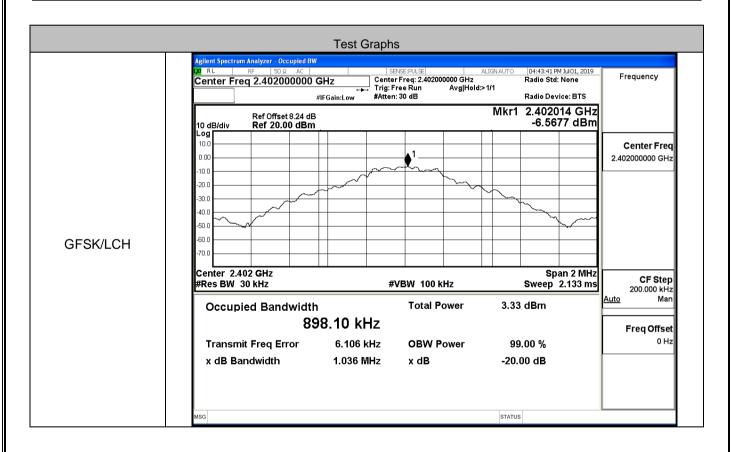
Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	LIHUAN
Supervised by:	Wang.Chuang

A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-3.751	21	PASS
GFSK	MCH	-2.275	21	PASS
	НСН	-2.980	21	PASS
	LCH	-4.440	21	PASS
π/4DQPSK	MCH	-2.924	21	PASS
	НСН	-3.850	21	PASS
	LCH	-4.380	21	PASS
8DPSK	MCH	-2.769	21	PASS
	НСН	-3.531	21	PASS

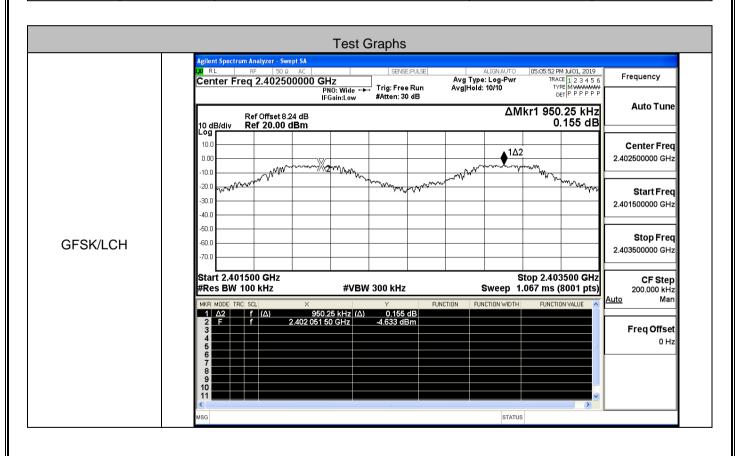
A.2 20dB Bandwidth

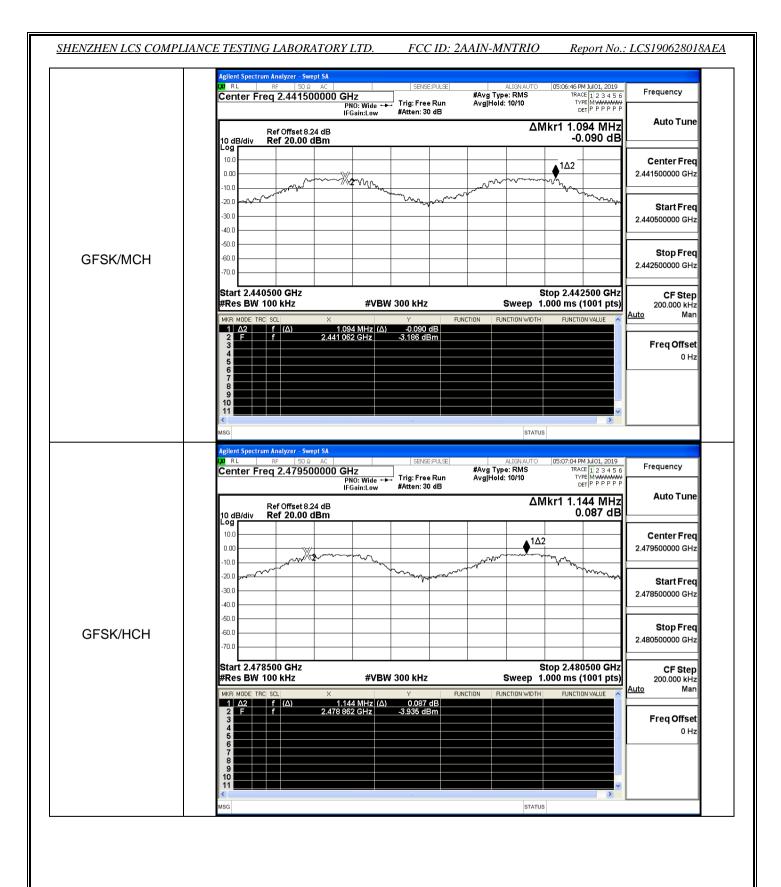
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.036	Not Specified	PASS
GFSK	MCH	1.029	Not Specified	PASS
	HCH	1.021	Not Specified	PASS
	LCH	1.312	Not Specified	PASS
π/4DQPSK	MCH	1.292	Not Specified	PASS
	НСН	1.291	Not Specified	PASS
	LCH	1.302	Not Specified	PASS
8DPSK	MCH	1.302	Not Specified	PASS
	HCH	1.296	Not Specified	PASS

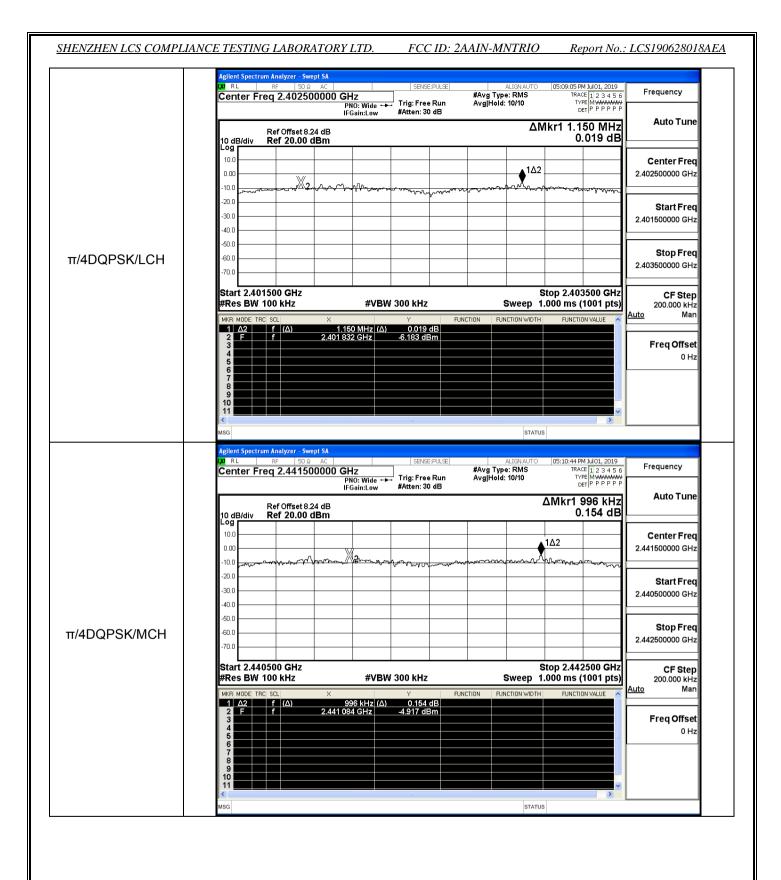


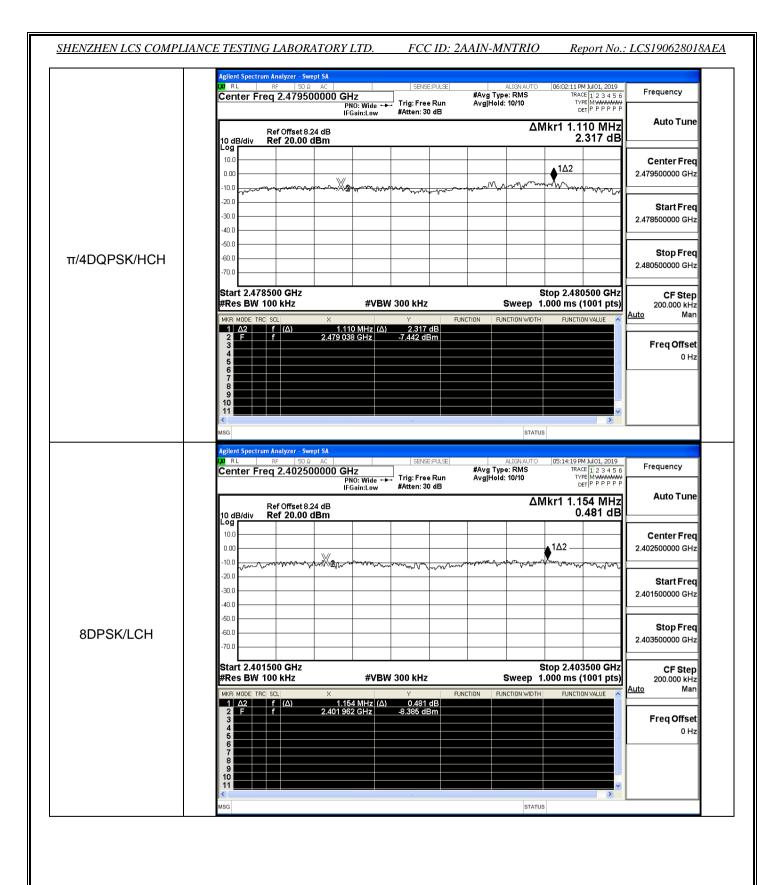
A.3 Carrier Frequency Separation

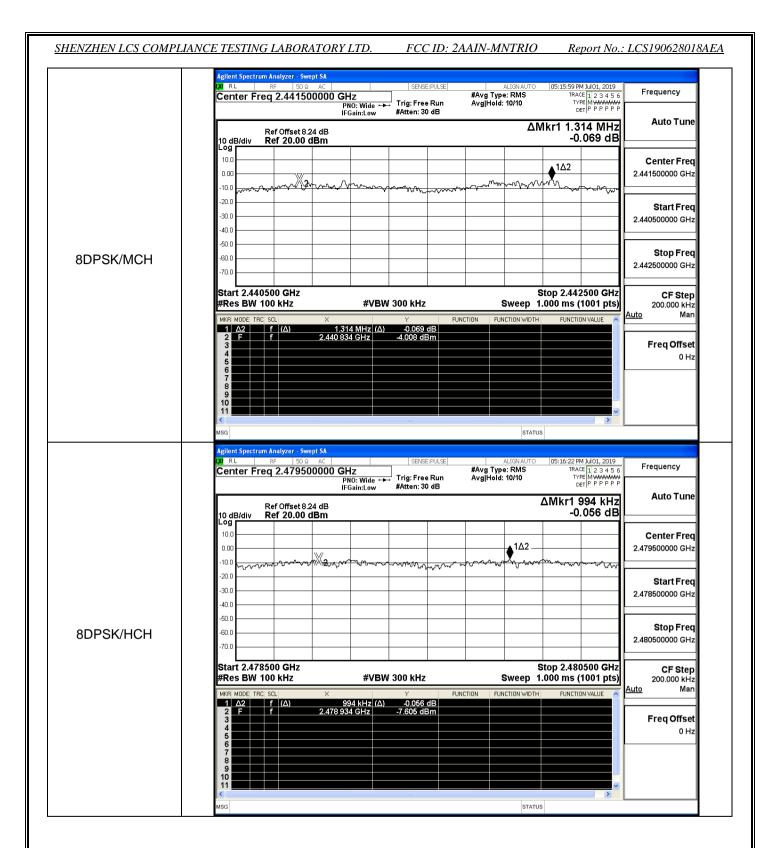
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.950	0.691	PASS
GFSK	MCH	1.094	0.691	PASS
	HCH	1.144	0.691	PASS
	LCH	1.150	0.875	PASS
π/4DQPSK	MCH	0.996	0.875	PASS
	HCH	1.110	0.875	PASS
8DPSK	LCH	1.154	0.868	PASS
	MCH	1.314	0.868	PASS
	HCH	0.994	0.868	PASS









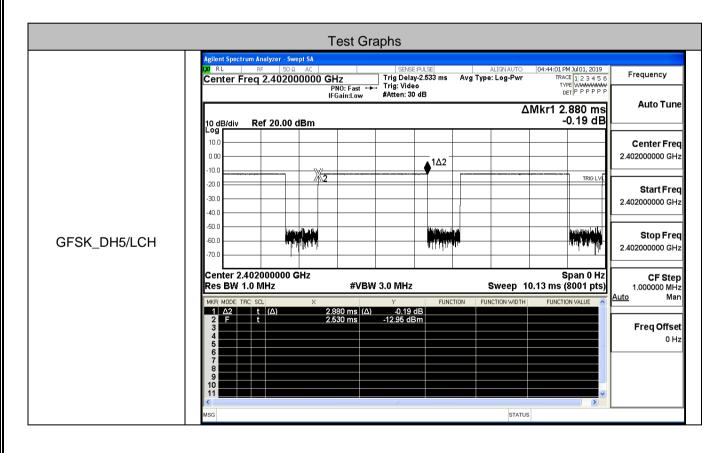


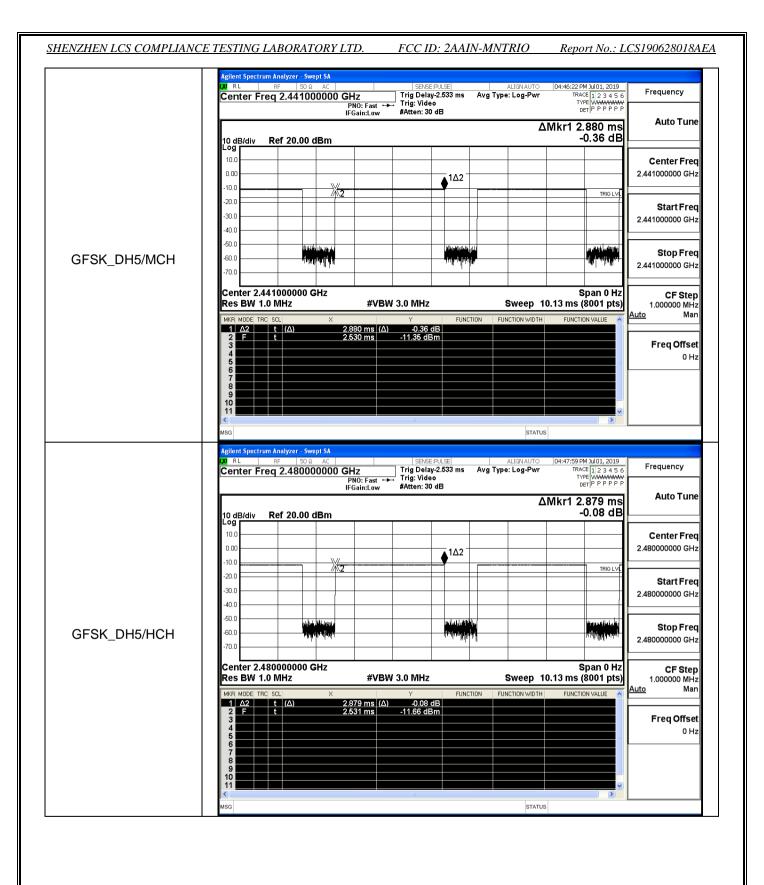
A.4 Hopping Channel Number

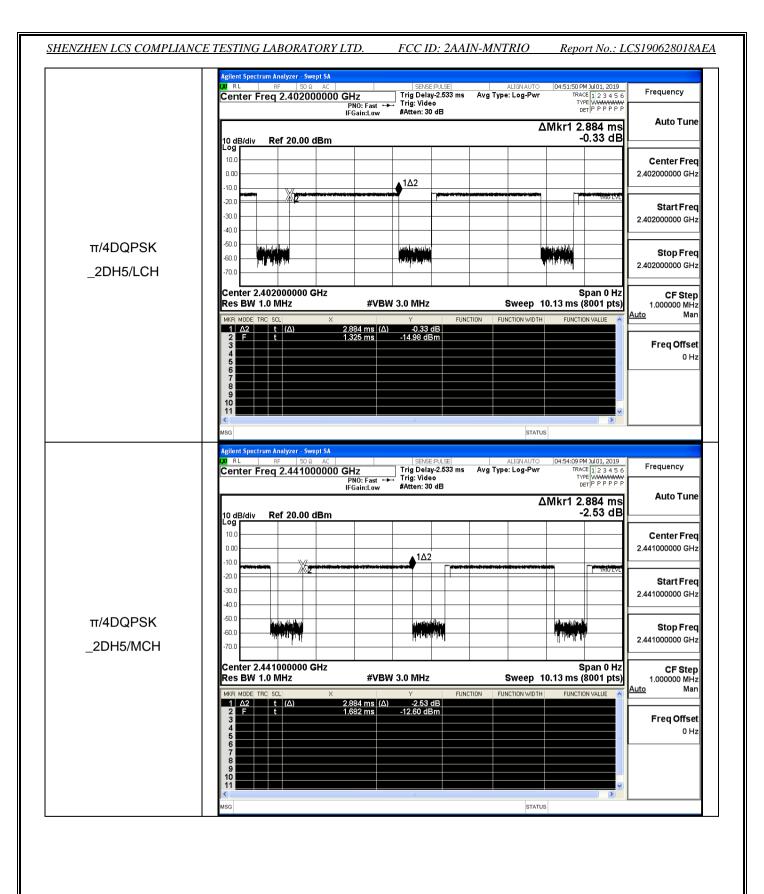
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

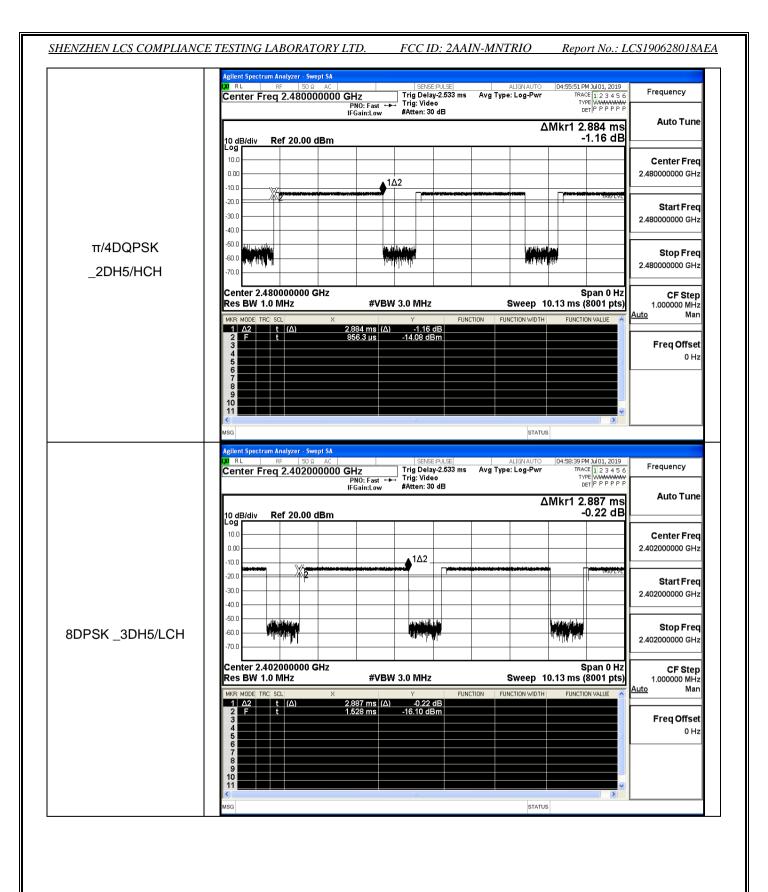
A.5 Dwell Time

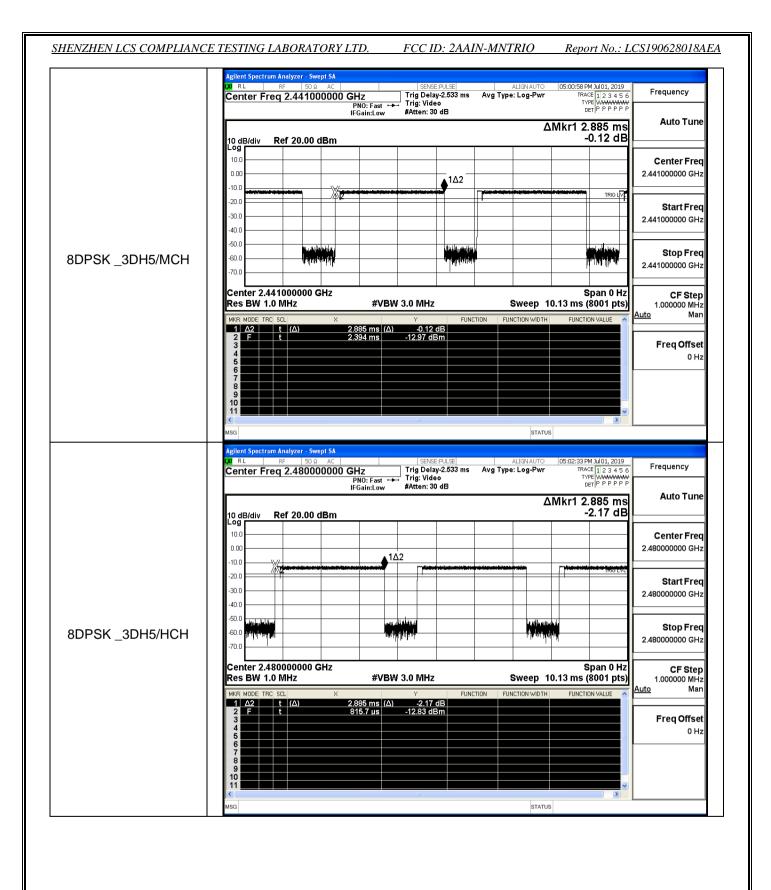
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7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





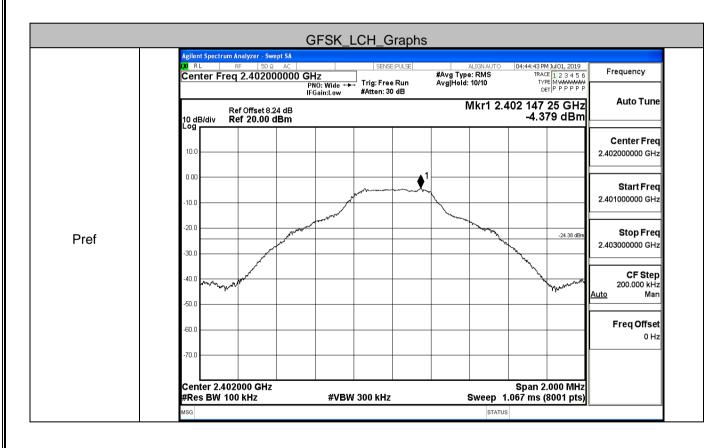


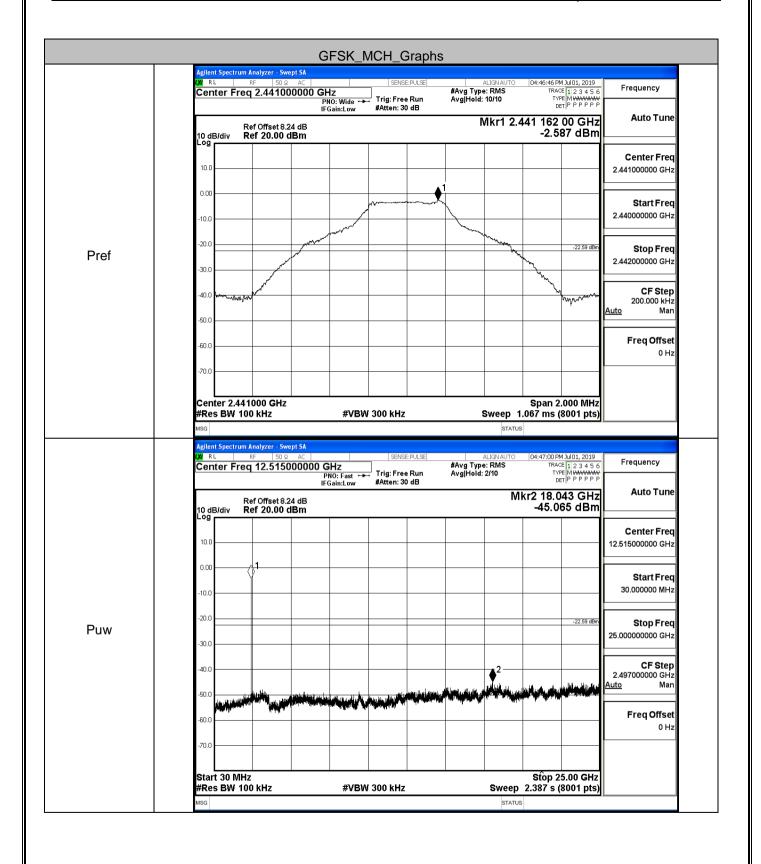


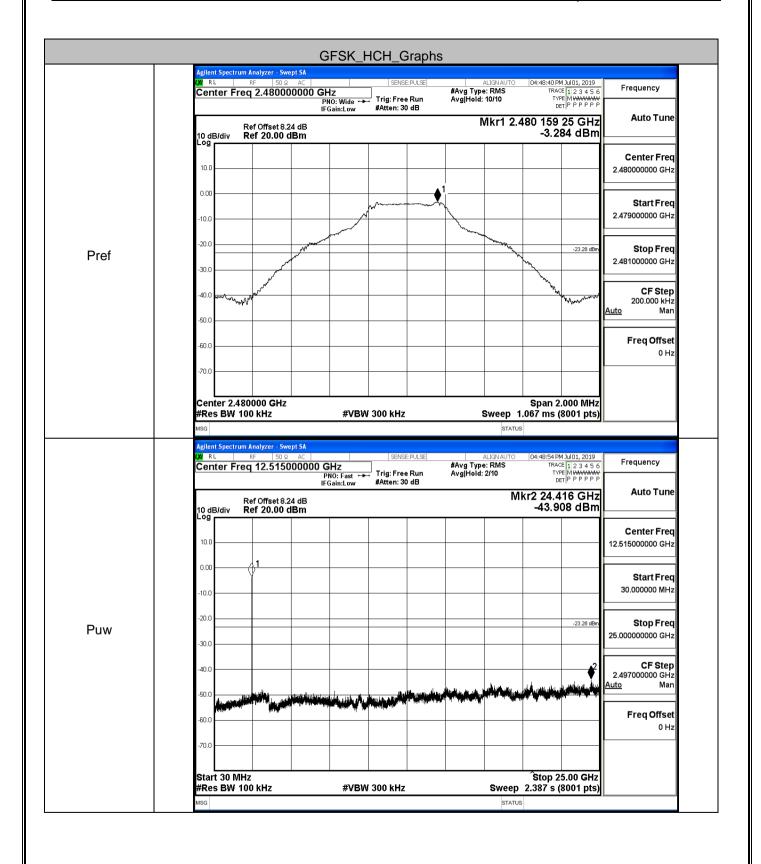


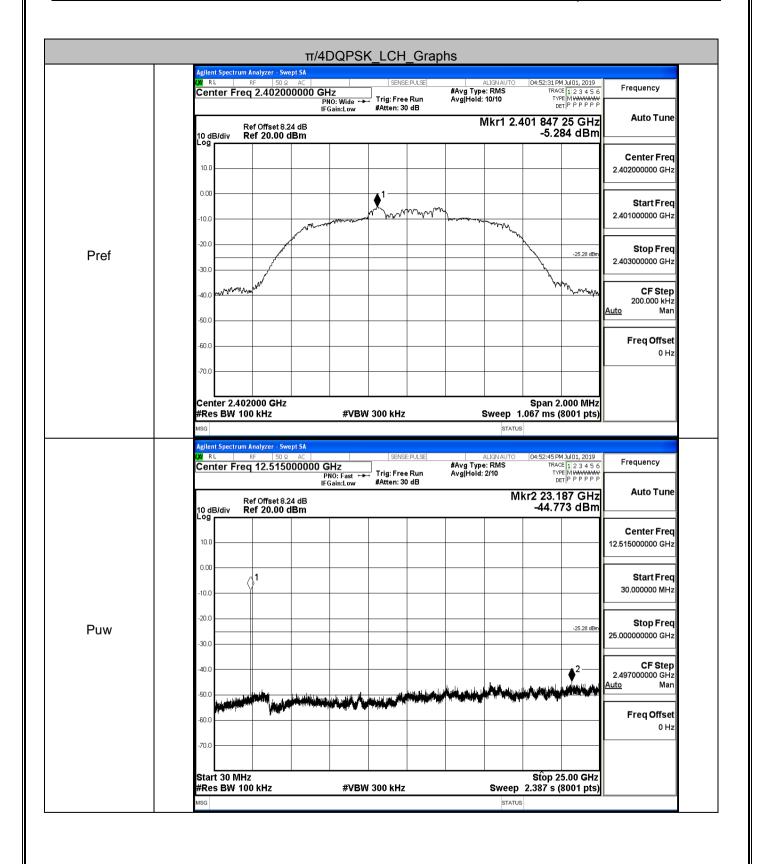
A.6 RF Conducted Spurious Emissions

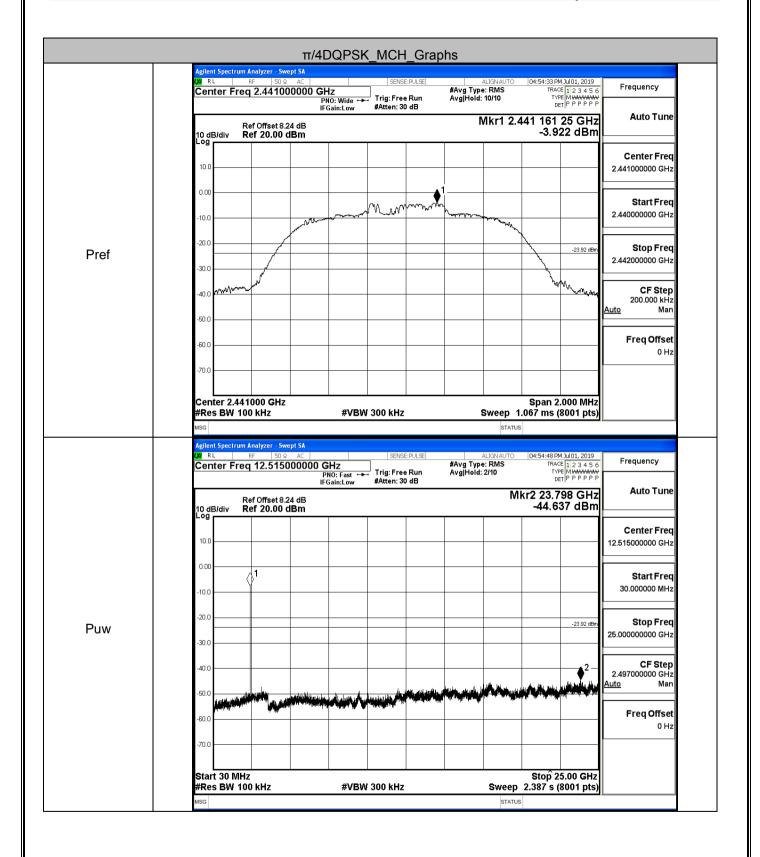
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-4.379	-44.103	-24.379	PASS
GFSK	MCH	-2.587	-45.065	-22.587	PASS
	HCH	-3.284	-43.908	-23.284	PASS
	LCH	-5.284	-44.773	-25.284	PASS
π/4DQPSK	MCH	-3.922	-44.637	-23.922	PASS
	НСН	-4.658	-43.742	-24.658	PASS
	LCH	-5.577	-40.660	-25.577	PASS
8DPSK	MCH	-3.818	-44.566	-23.818	PASS
	НСН	-4.58	-44.717	-24.580	PASS

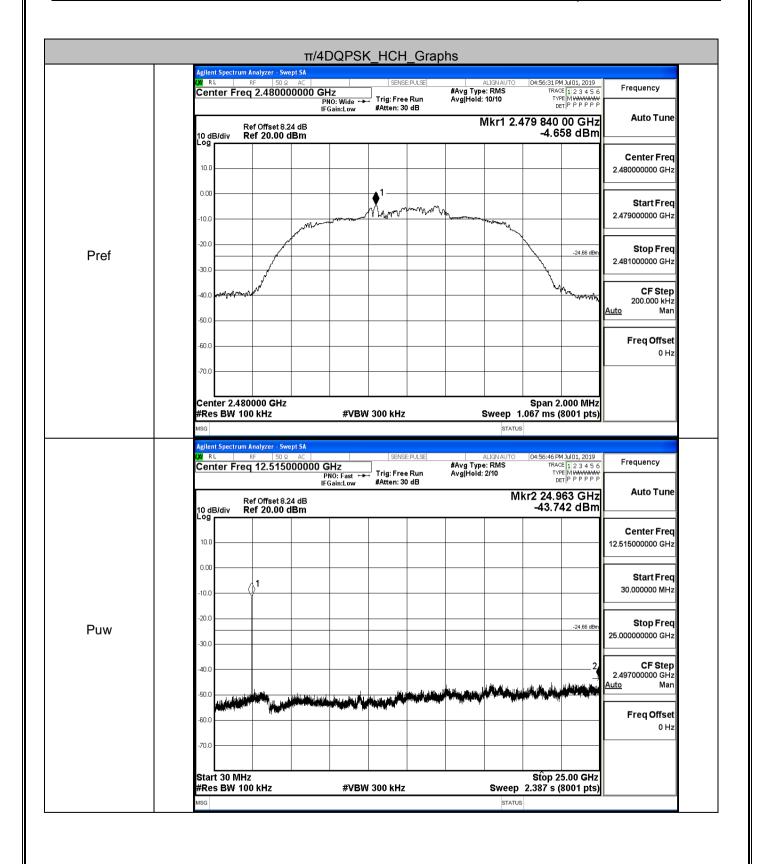


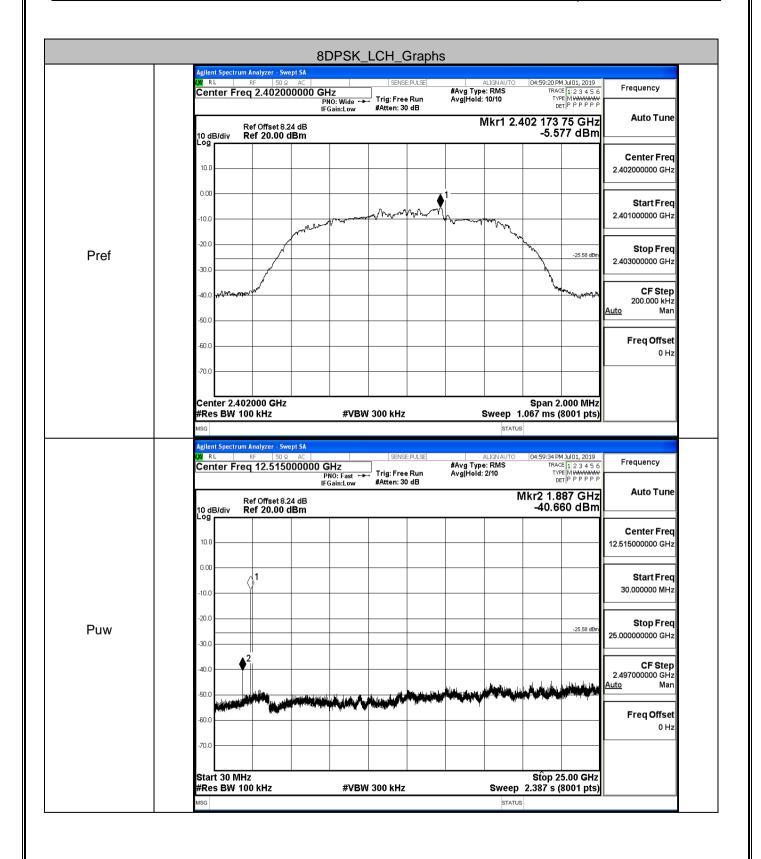


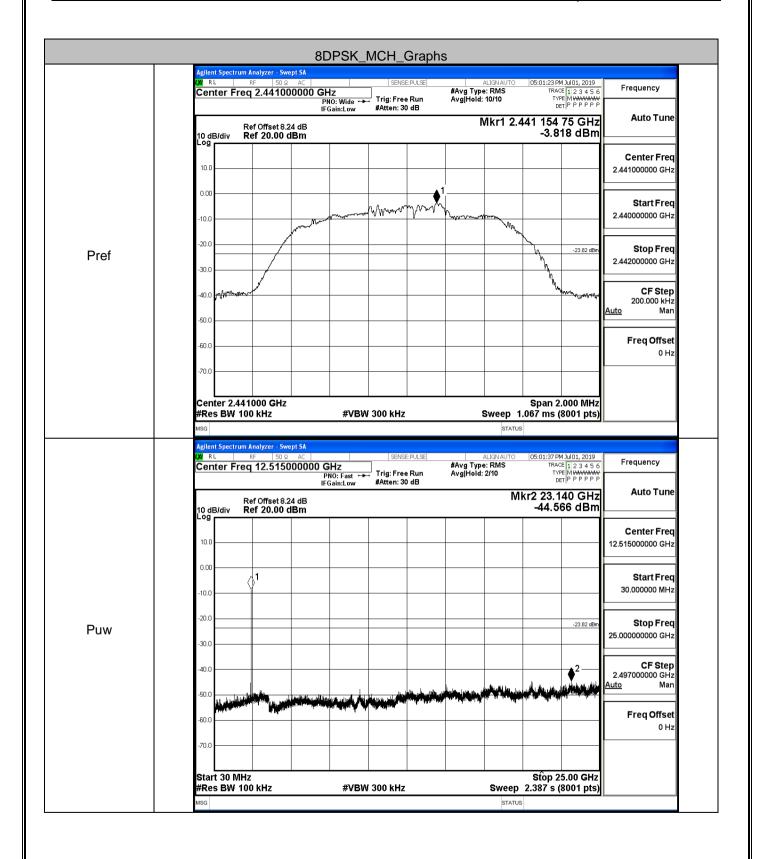


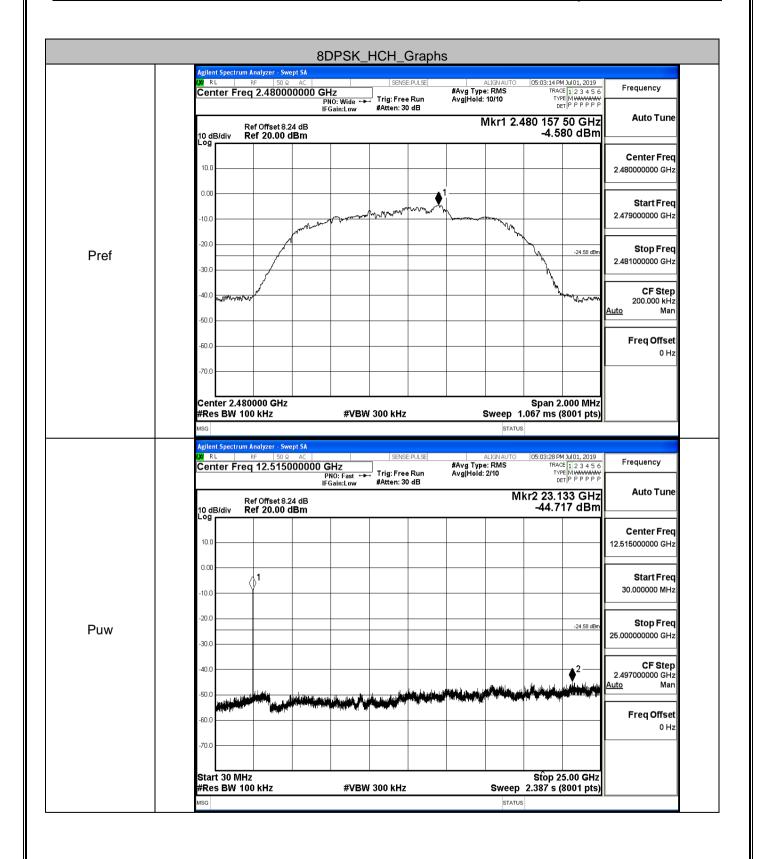






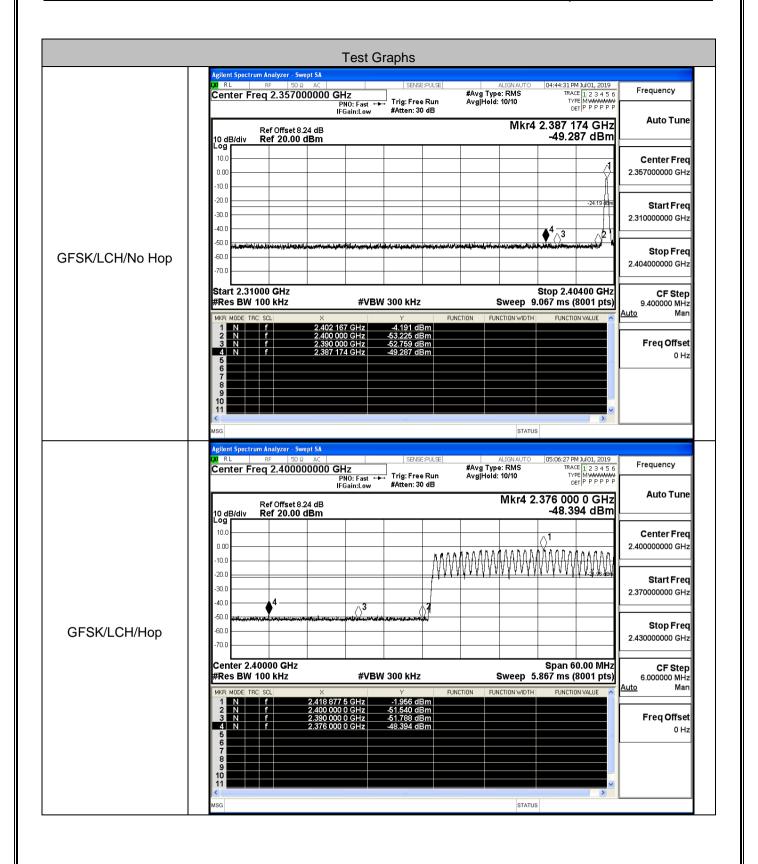


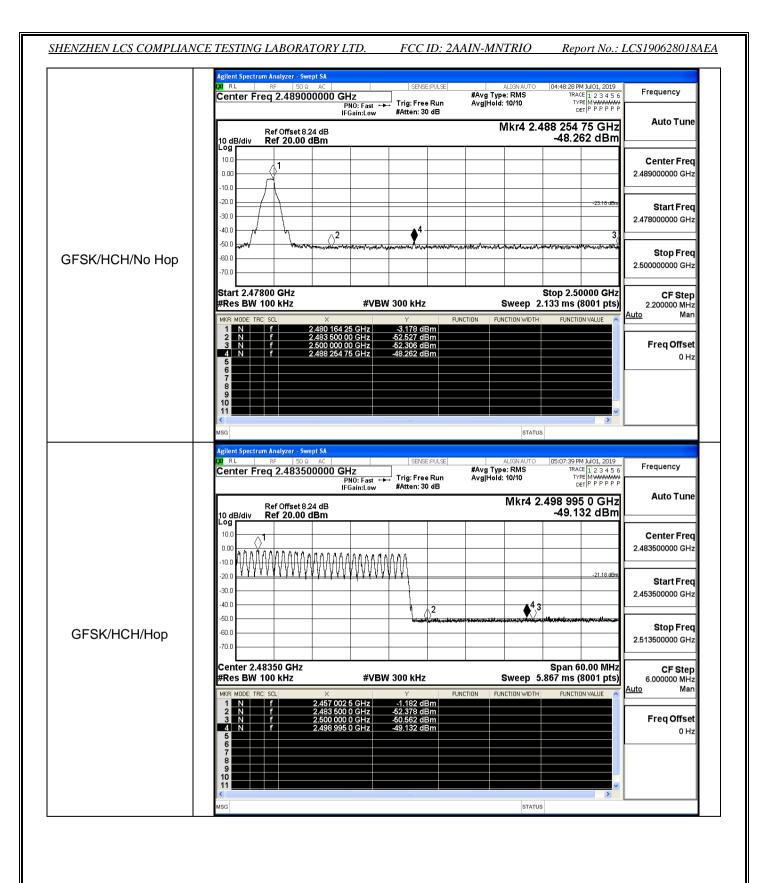


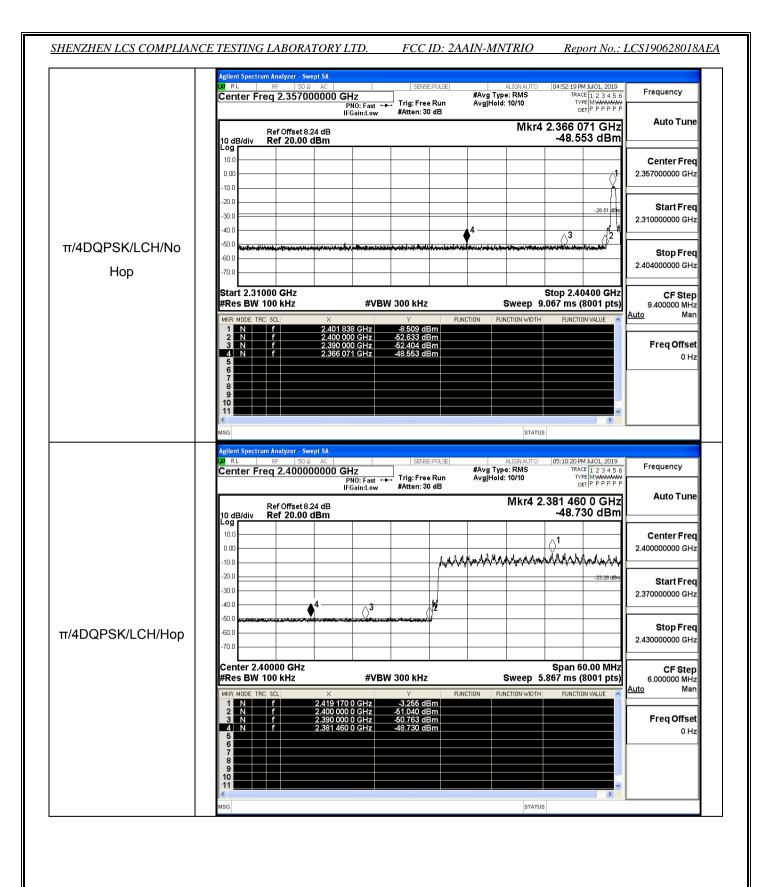


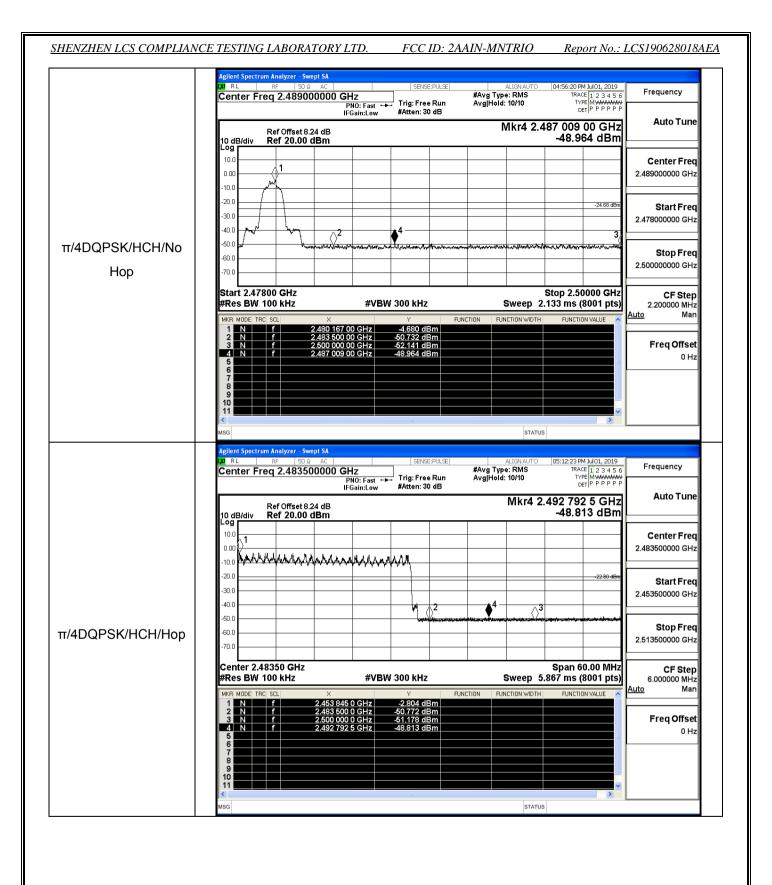
A.7 Band-edge for RF Conducted Emissions

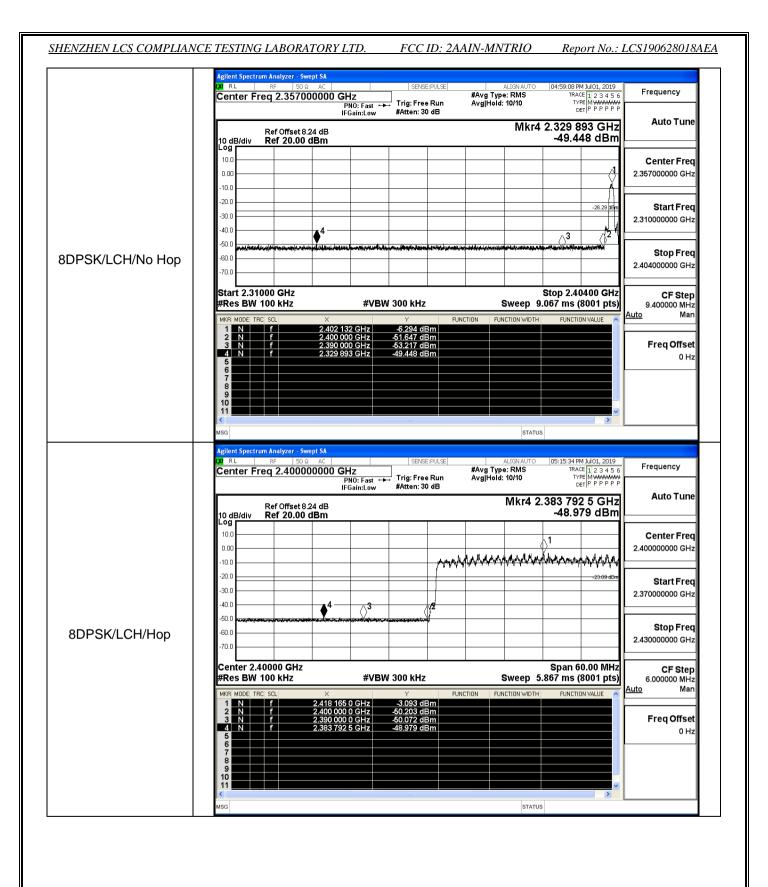
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict		
		0.400	-4.191	Off	-49.287	-24.19	PASS		
2-21/	LCH	2402	-1.956	On	-48.394	-21.96	PASS		
GFSK	нсн		-3.178	Off	-48.262	-23.18	PASS		
		2480	-1.182	On	-49.132	-21.18	PASS		
	LCH				-8.509	Off	-48.553	-28.51	PASS
		2402	-3.255	On	-48.730	-23.26	PASS		
π/4DQPSK	нсн	2480	-4.680	Off	-48.964	-24.68	PASS		
			-2.804	On	-48.813	-22.8	PASS		
		LCH 2402	-6.294	Off	-49.448	-26.29	PASS		
	LCH		-3.093	On	-48.979	-23.09	PASS		
8DPSK			-4.467	Off	-49.457	-24.47	PASS		
	HCH	2480	-2.699	On	-48.823	-22.7	PASS		

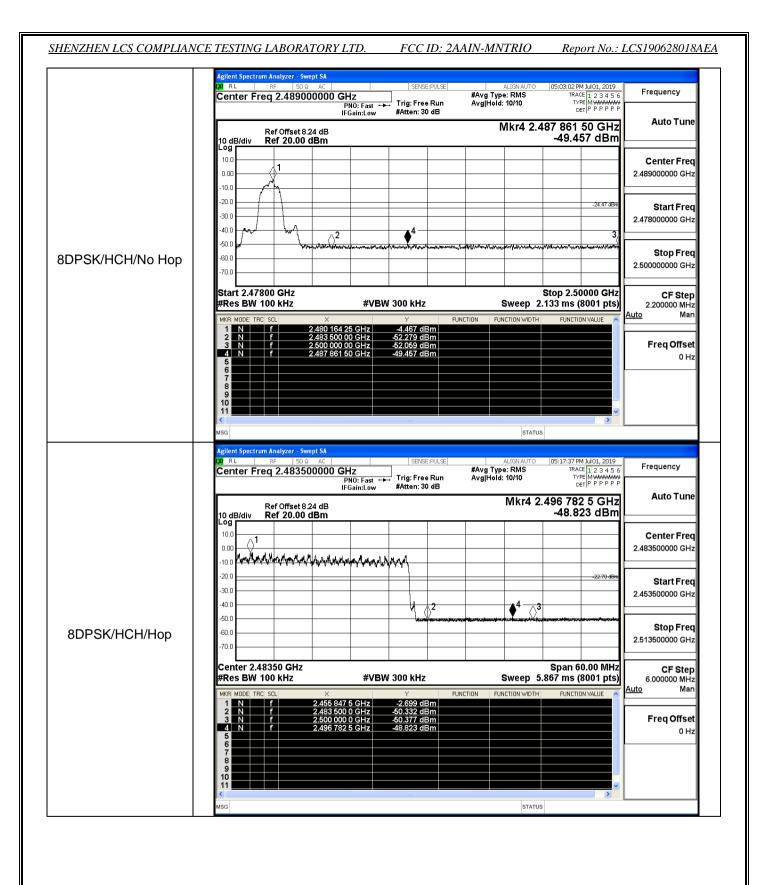








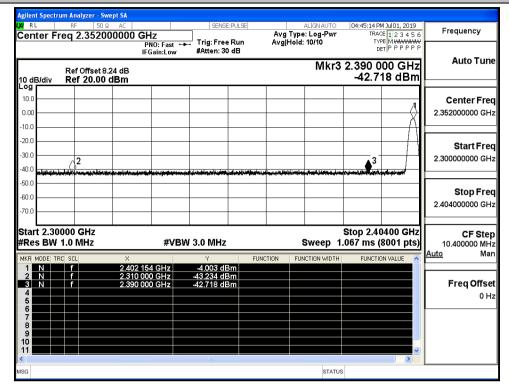




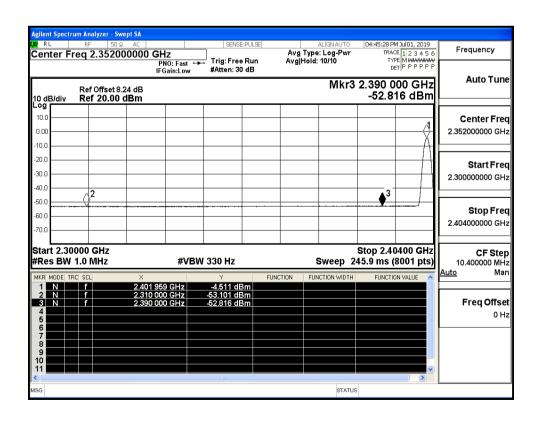
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.23	2.0	0	52.02	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	42.16	AV	54	PASS
	Off	2390.0	-42.72	2.0	0	52.54	PEAK	74	PASS
	Off	2390.0	-52.82	2.0	0	42.44	AV	54	PASS
GFSK	Off	2483.5	-42.75	2.0	0	52.51	PEAK	74	PASS
	Off	2483.5	-52.60	2.0	0	42.66	AV	54	PASS
	Off	2500.0	-41.76	2.0	0	53.50	PEAK	74	PASS
	Off	2500.0	-52.44	2.0	0	42.81	AV	54	PASS
	Off	2310.0	-43.40	2.0	0	51.86	PEAK	74	PASS
	Off	2310.0	-52.97	2.0	0	42.29	AV	54	PASS
	Off	2390.0	-41.16	2.0	0	54.10	PEAK	74	PASS
	Off	2390.0	-52.72	2.0	0	42.54	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.87	2.0	0	52.38	PEAK	74	PASS
	Off	2483.5	-52.45	2.0	0	42.81	AV	54	PASS
	Off	2500.0	-42.93	2.0	0	52.33	PEAK	74	PASS
	Off	2500.0	-52.39	2.0	0	42.87	AV	54	PASS
	Off	2310.0	-42.81	2.0	0	52.45	PEAK	74	PASS
	Off	2310.0	-53.01	2.0	0	42.24	AV	54	PASS
	Off	2390.0	-42.22	2.0	0	53.04	PEAK	74	PASS
	Off	2390.0	-52.79	2.0	0	42.47	AV	54	PASS
8DPSK	Off	2483.5	-42.43	2.0	0	52.83	PEAK	74	PASS
	Off	2483.5	-52.59	2.0	0	42.67	AV	54	PASS
	Off	2500.0	-43.03	2.0	0	52.23	PEAK	74	PASS
	Off	2500.0	-52.33	2.0	0	42.93	AV	54	PASS

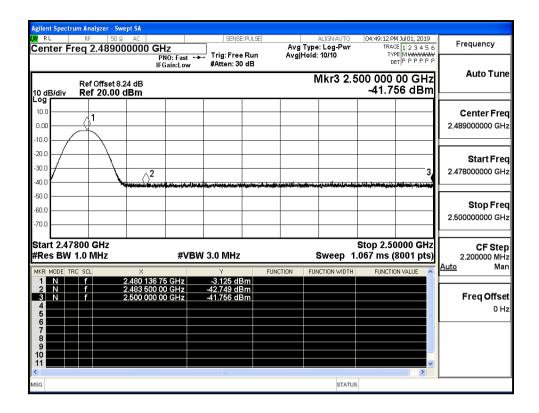




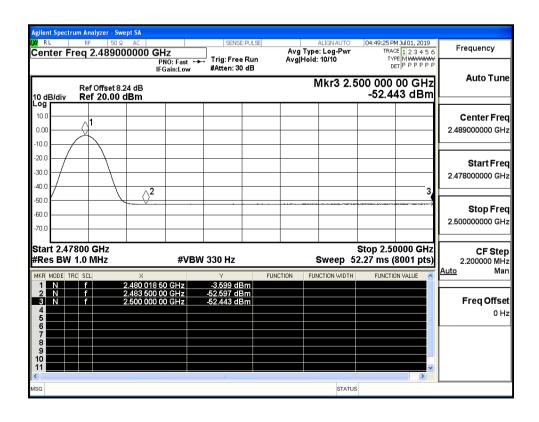
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



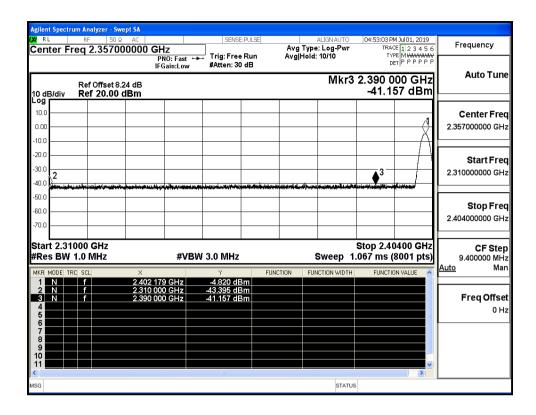
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



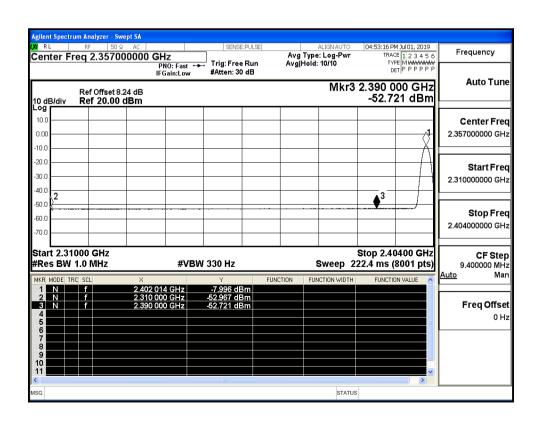
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



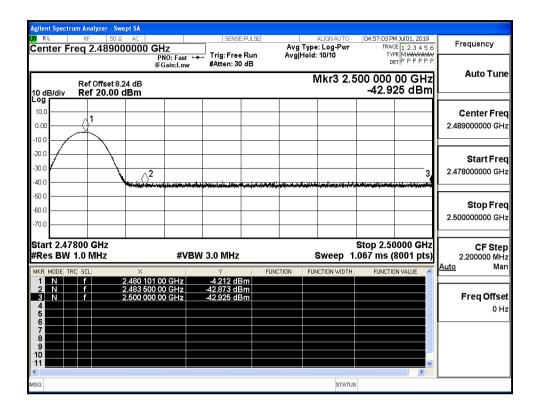
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



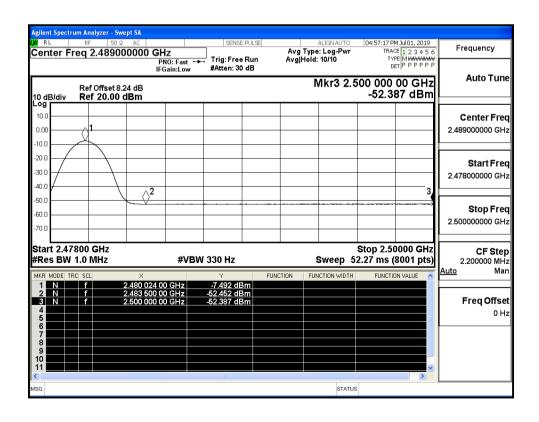
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



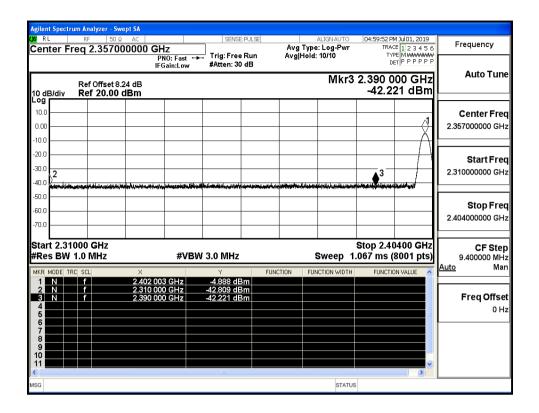
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



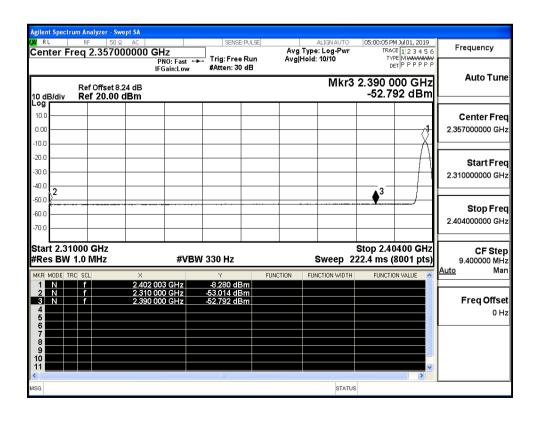
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



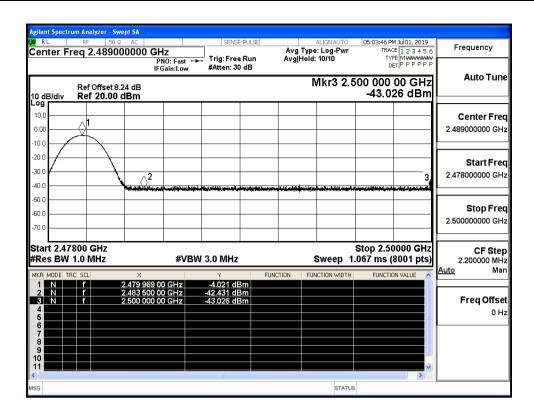
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

