Appendix A

RF Test Data for BT V4.1(BDR/EDR) (Conducted Measurement)

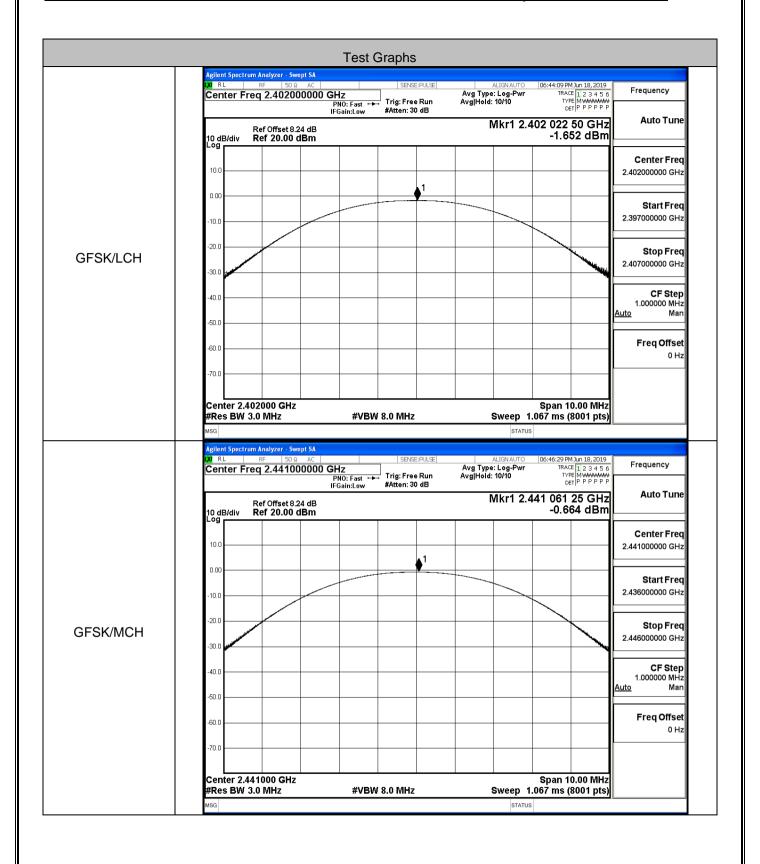
Product Name: Wireless stereo Bluetooth headphones Trade Mark: FS-BT210 Test Model: N/A

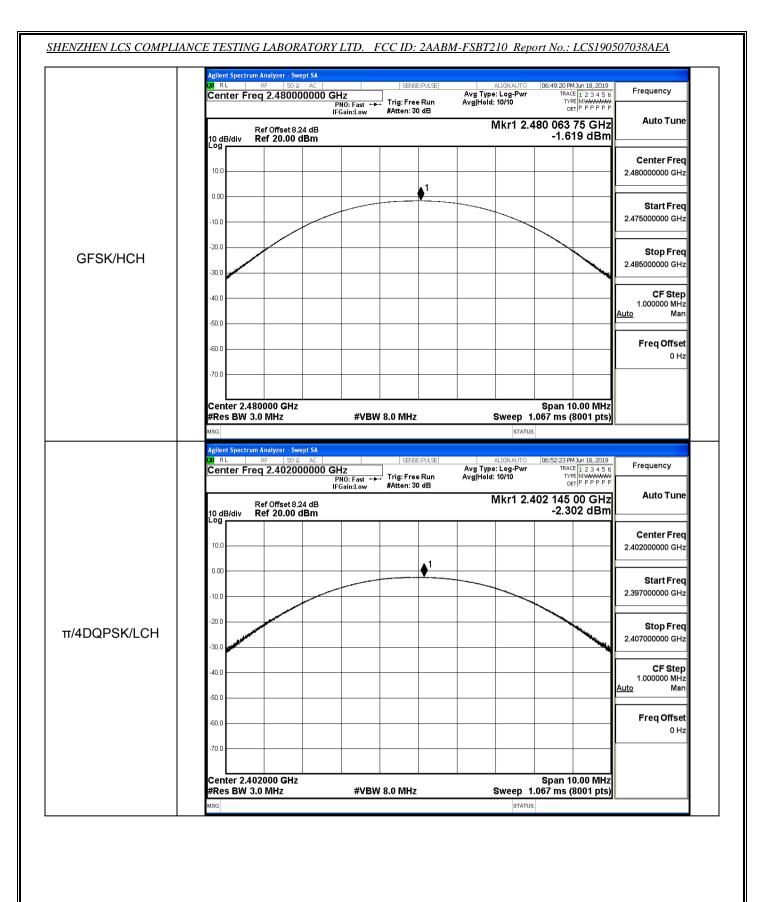
Environmental Conditions

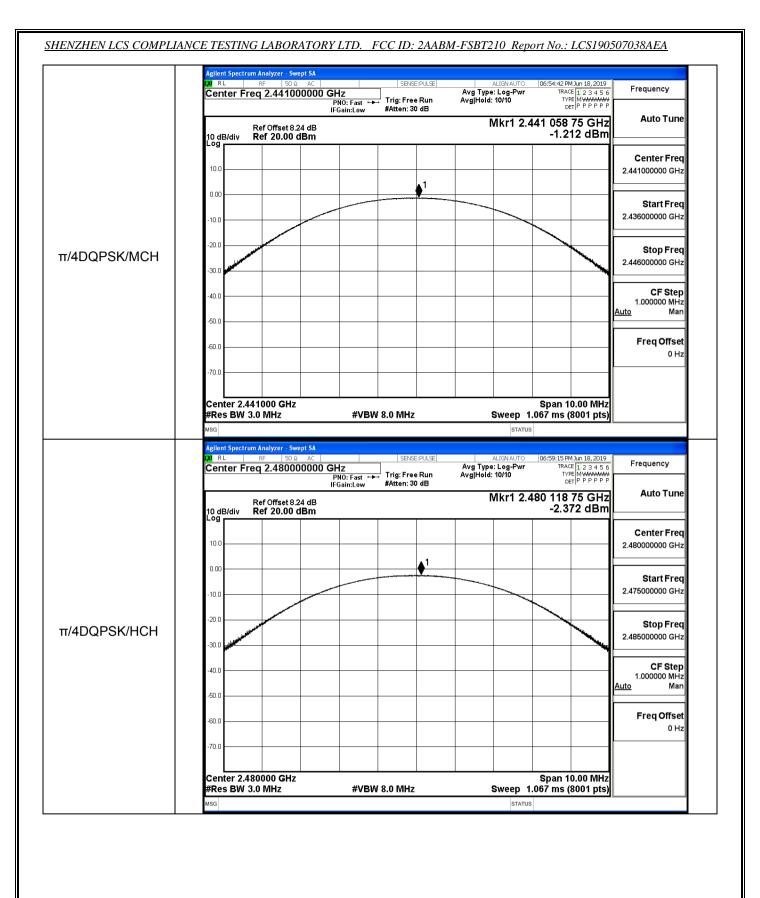
Temperature:	24.6 ° C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	LI HUAN
Supervised by:	WANGCHUANG

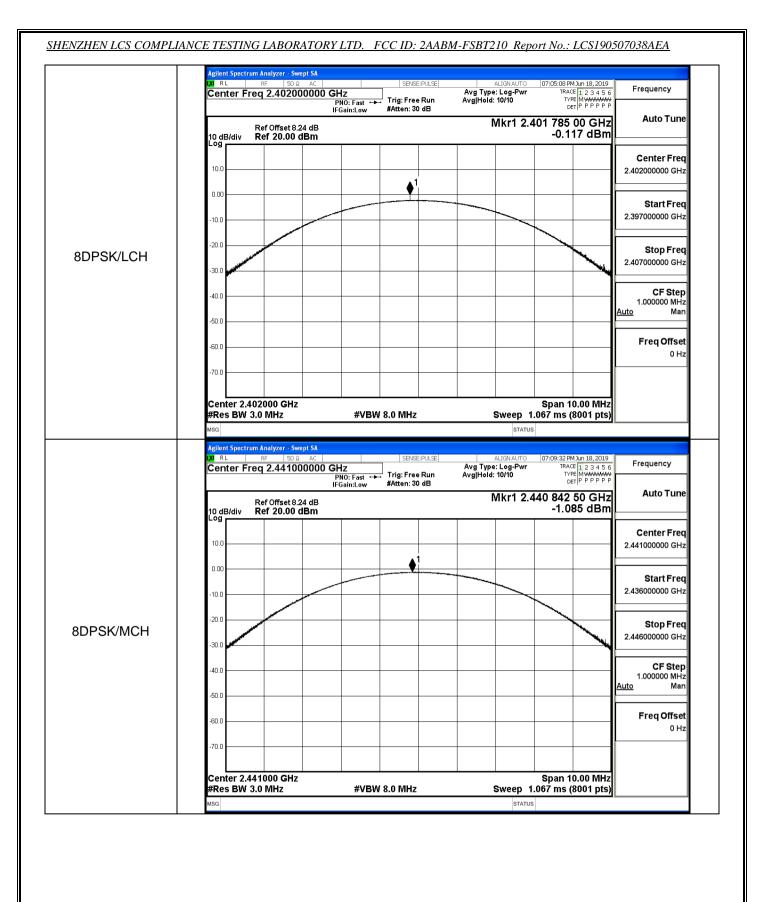
A.1 Maxmum Conducted Peak Output Power

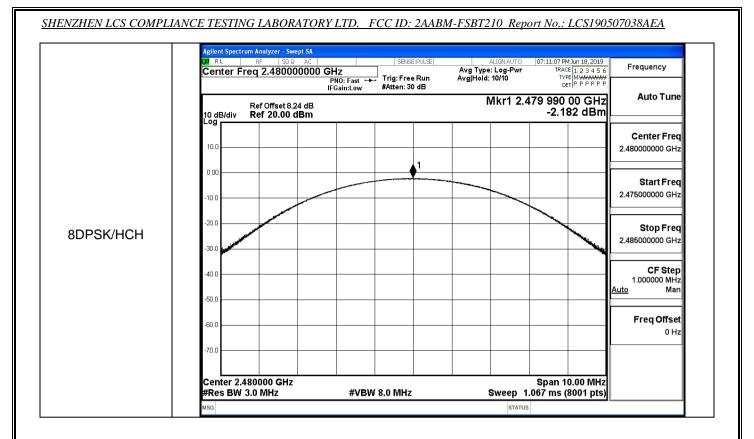
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-1.652	21	PASS
GFSK	MCH	-0.664	21	PASS
	НСН	-1.619	21	PASS
	LCH	-2.302	21	PASS
π/4DQPSK	MCH	-1.212	21	PASS
	НСН	-2.372	21	PASS
	LCH	-0.117	21	PASS
8DPSK	DPSK MCH -1.085		21	PASS
	HCH	-2.182	21	PASS





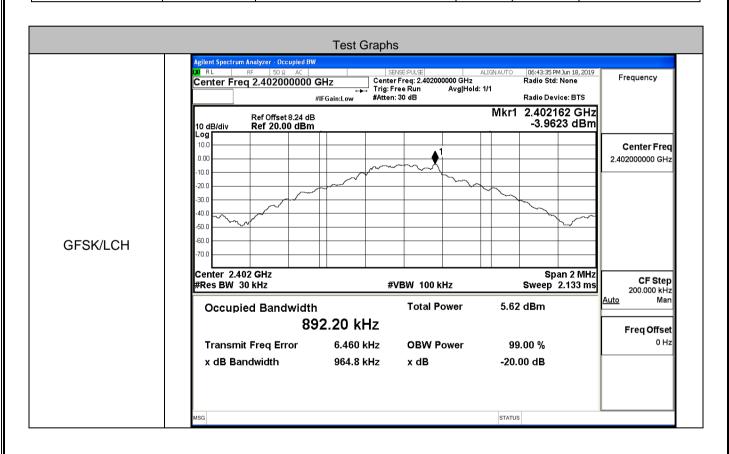


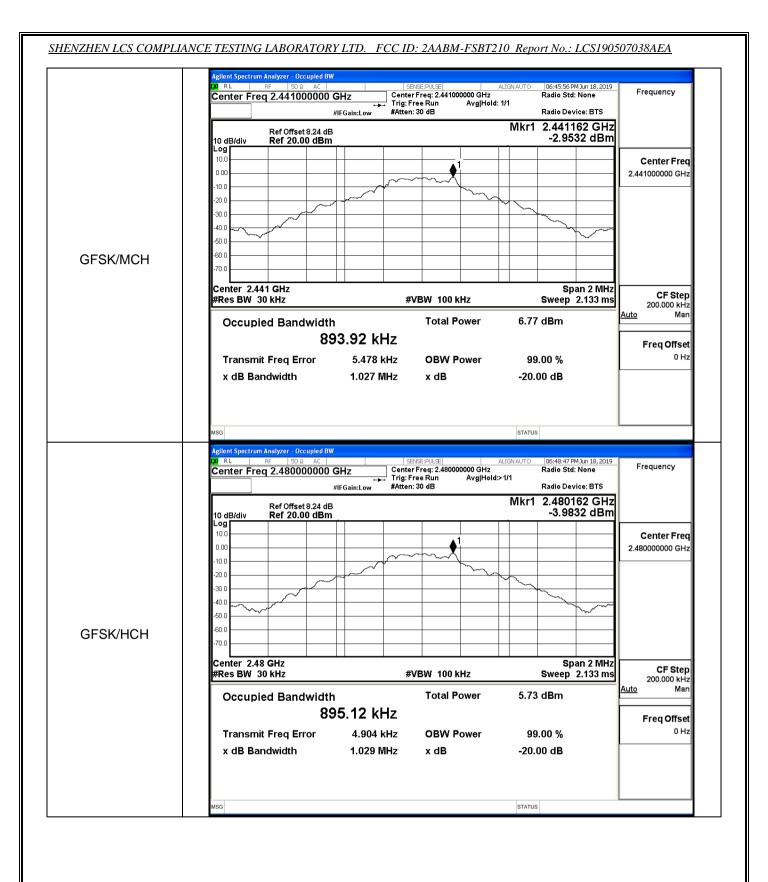


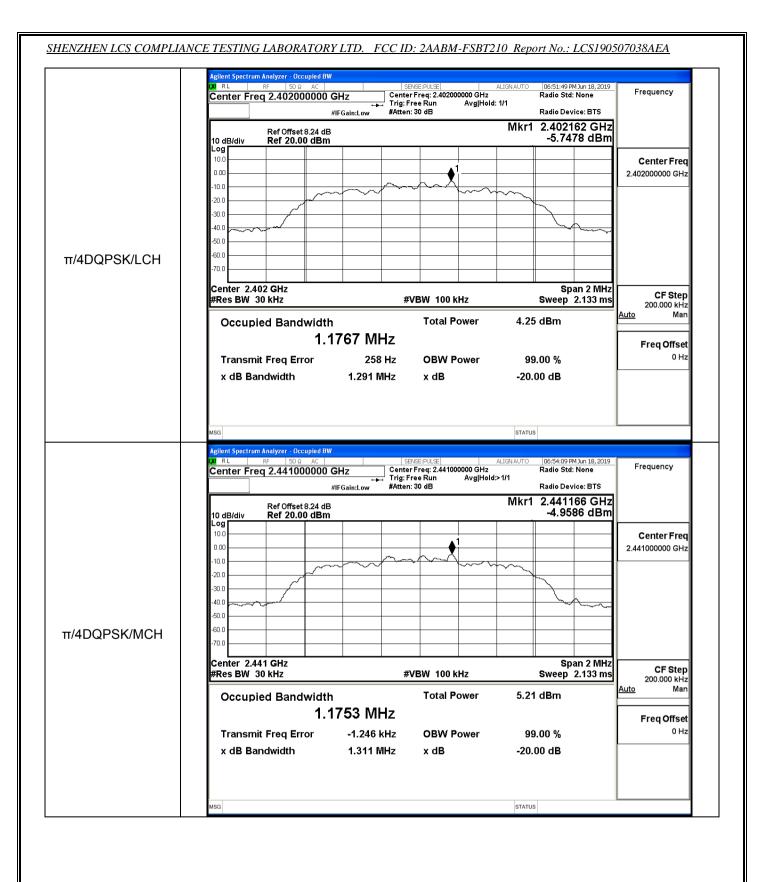


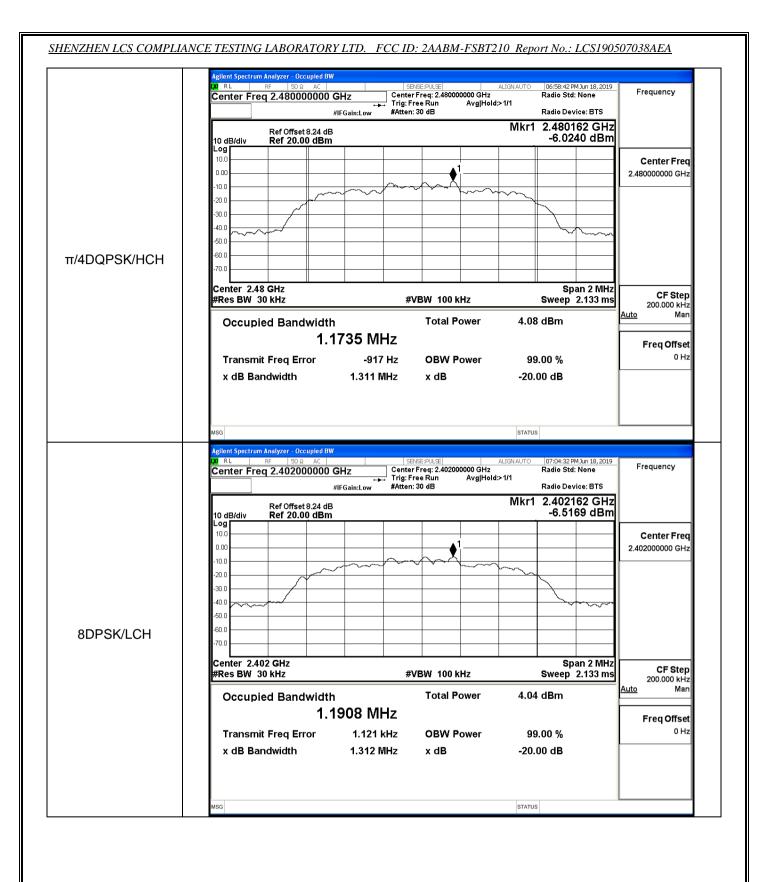
A.2 20dB Bandwidth

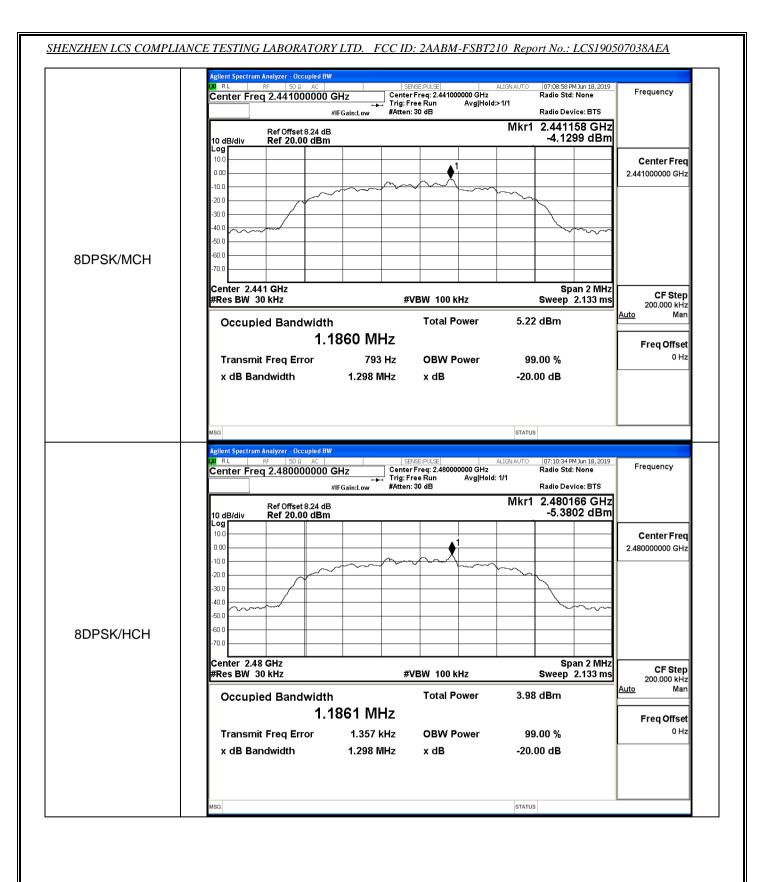
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9648	Not Specified	PASS
GFSK	MCH	1.027	Not Specified	PASS
	HCH	1.029	Not Specified	PASS
	LCH	1.291	Not Specified	PASS
π/4DQPSK	MCH	1.311	Not Specified	PASS
	HCH	1.311	Not Specified	PASS
	LCH	1.312	Not Specified	PASS
8DPSK	MCH	1.298	Not Specified	PASS
	НСН	1.298	Not Specified	PASS





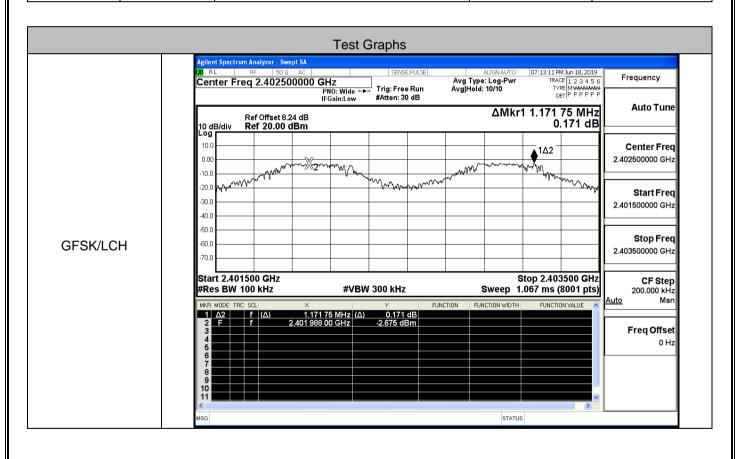


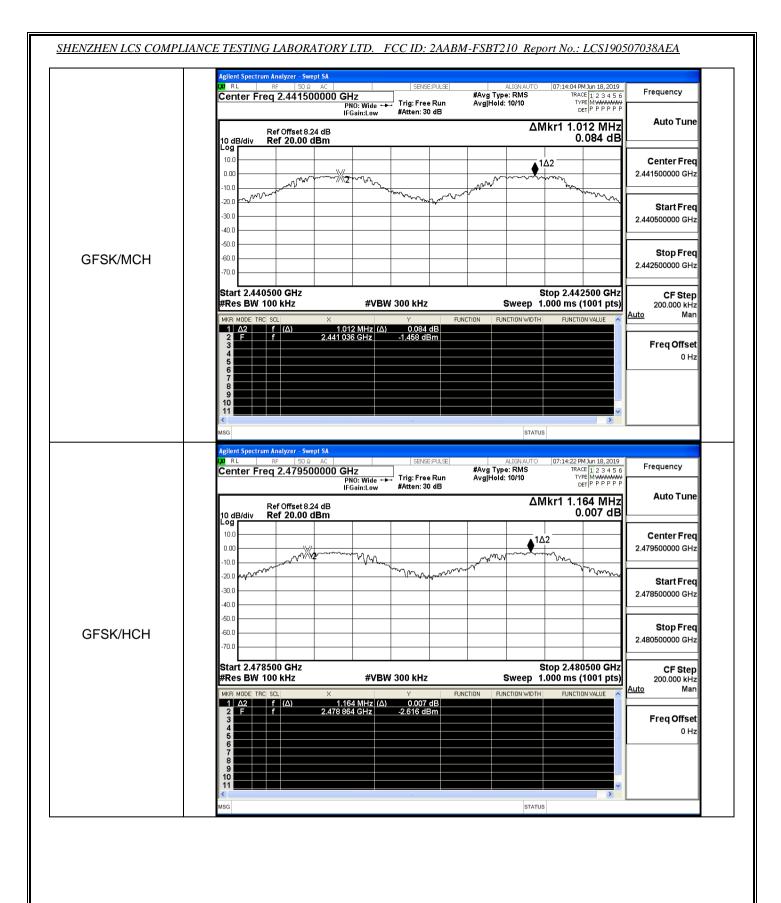


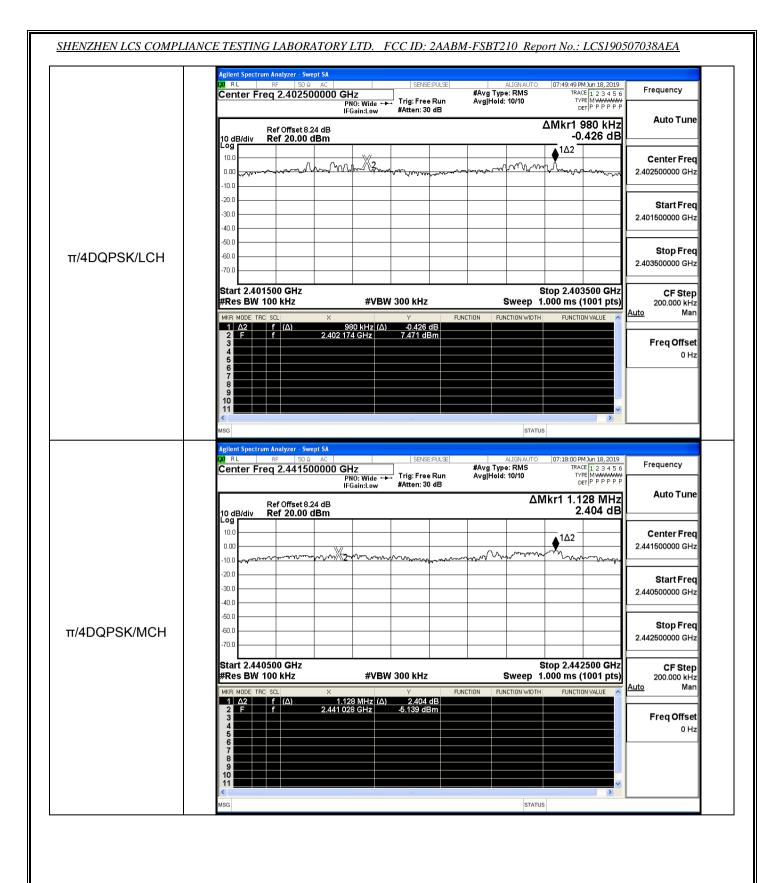


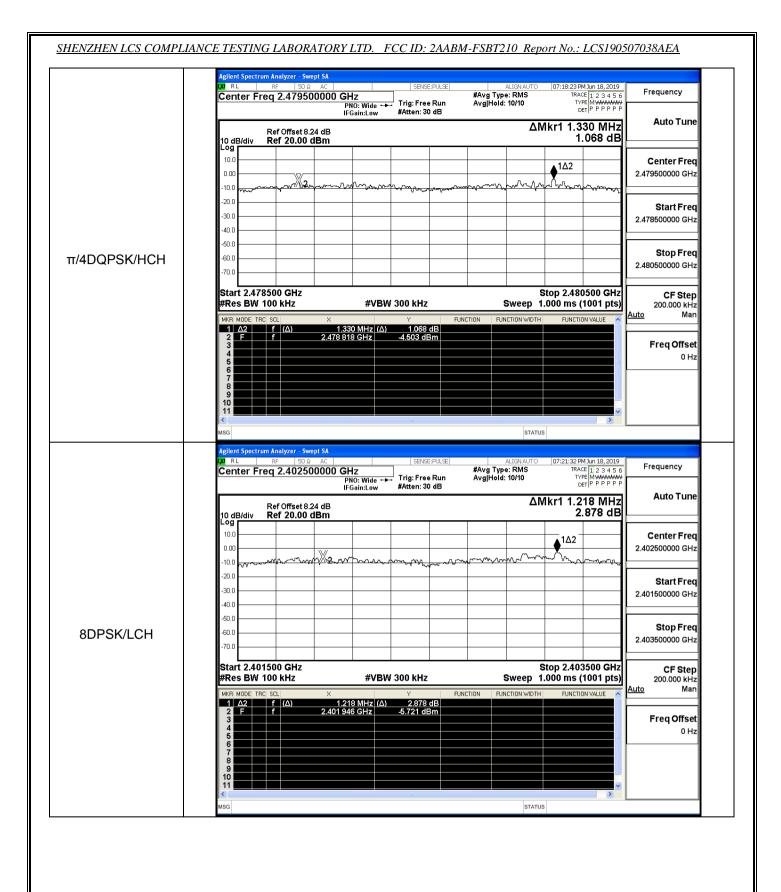
A.3 Carrier Frequency Separation

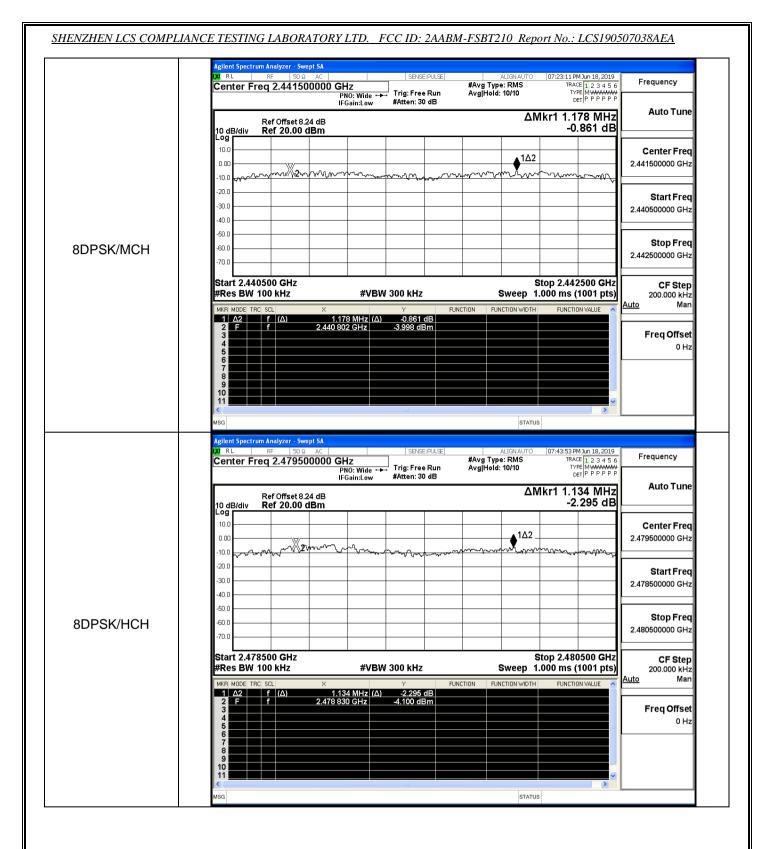
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.172	0.686	PASS
GFSK	MCH	1.012	0.686	PASS
	HCH	1.164	0.686	PASS
	LCH	0.980	0.874	PASS
π/4DQPSK	MCH	1.128	0.874	PASS
	HCH	1.330	0.874	PASS
8DPSK	LCH	1.218	0.875	PASS
	MCH	1.178	0.875	PASS
	HCH	1.134	0.875	PASS





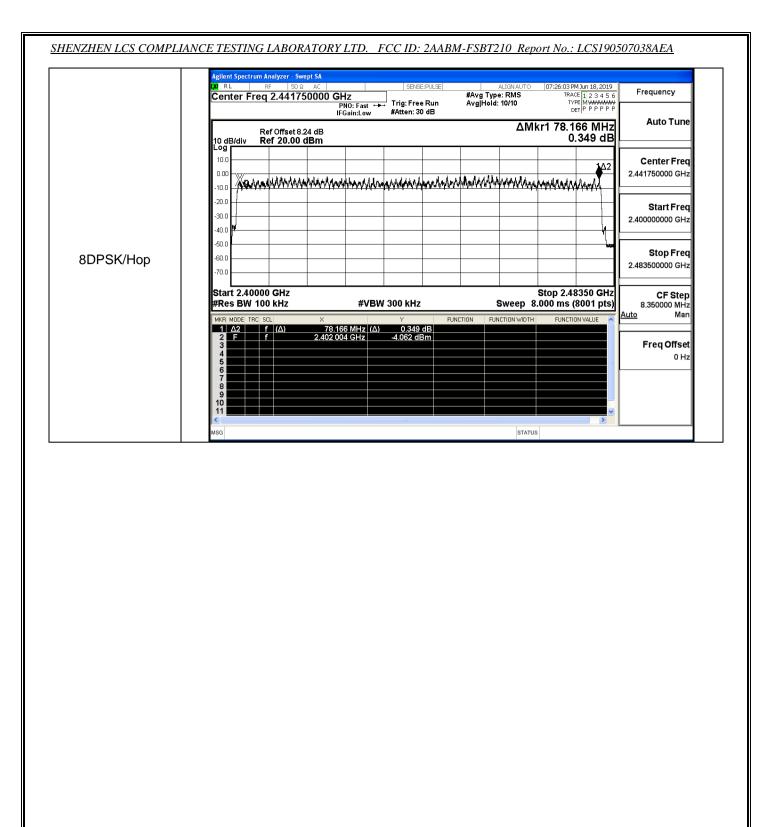






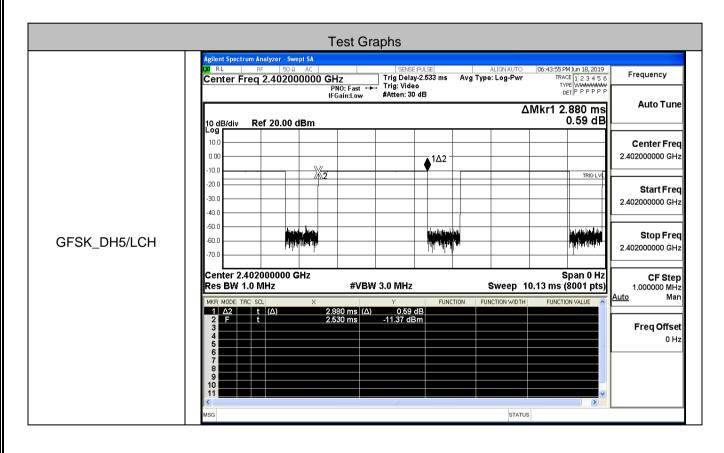
A.4 Hopping Channel Number

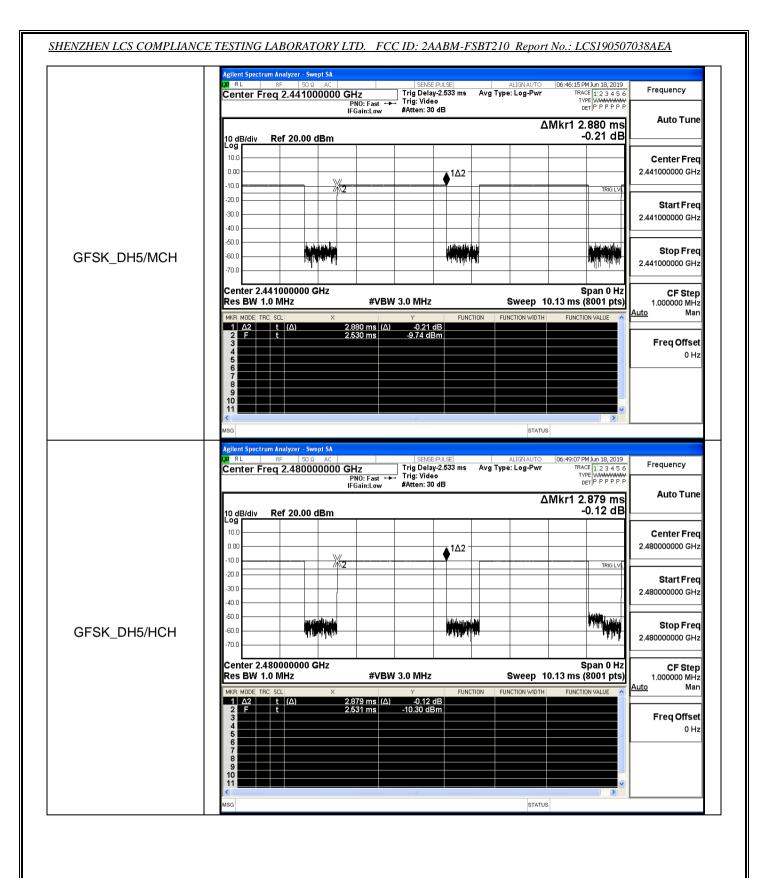
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

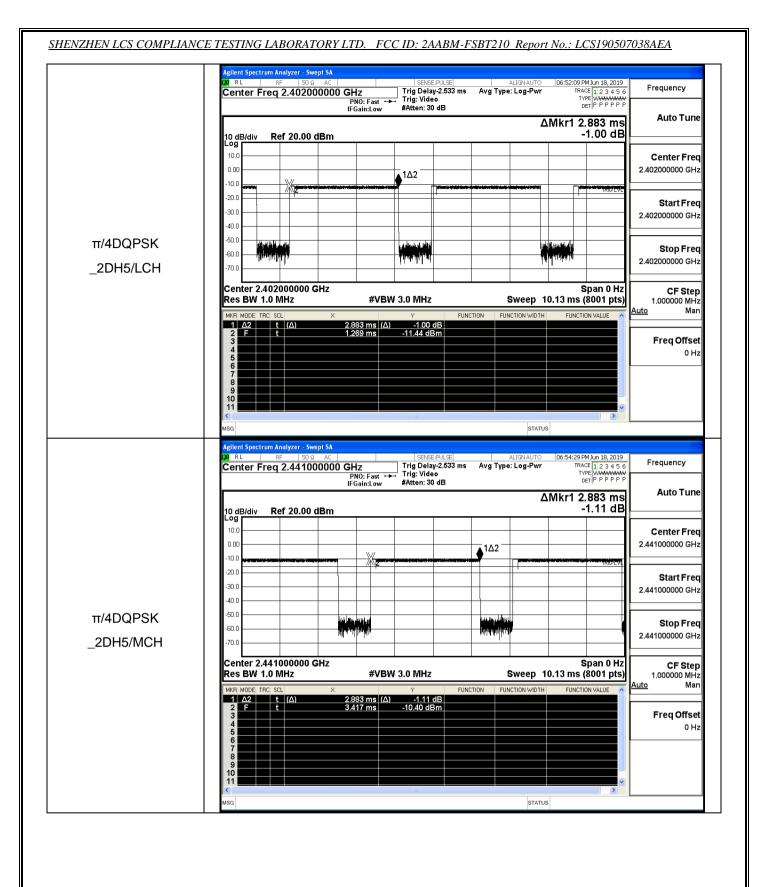


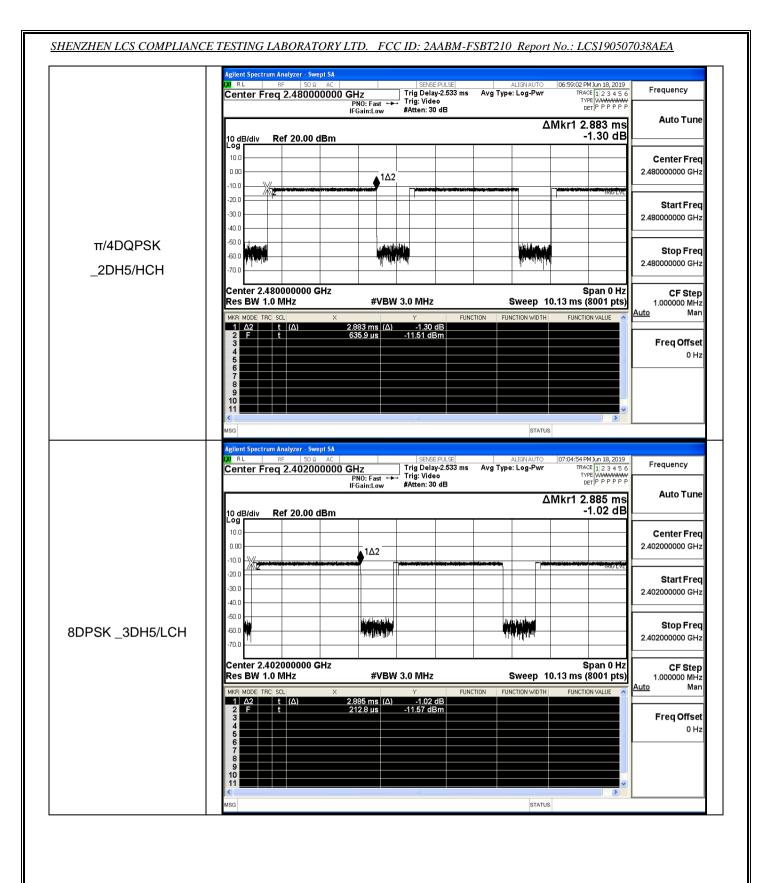
A.5 Dwell Time

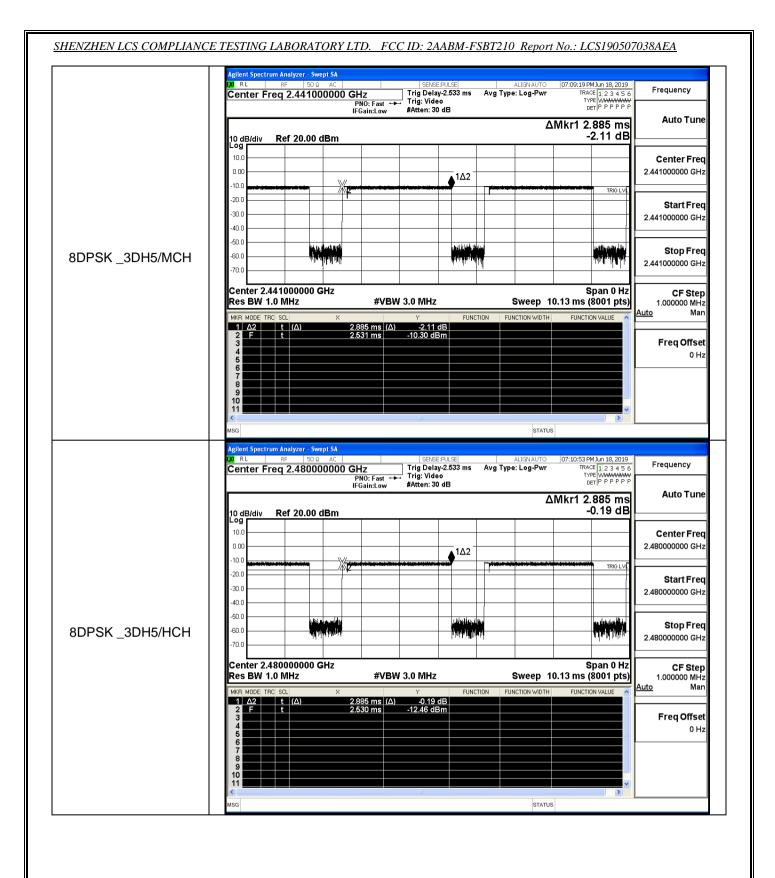
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	GFSK DH5 N		2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88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





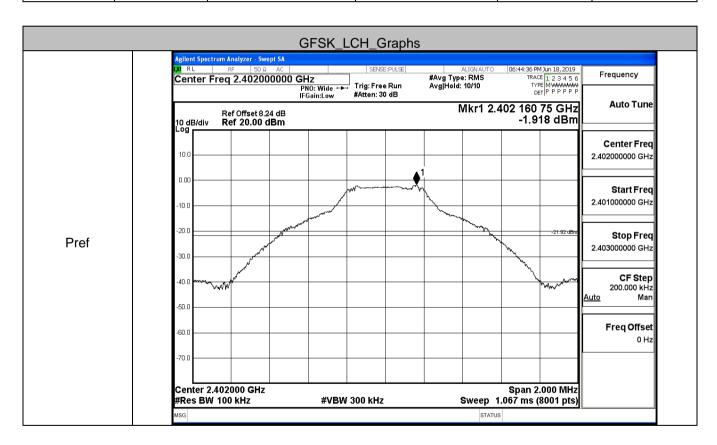


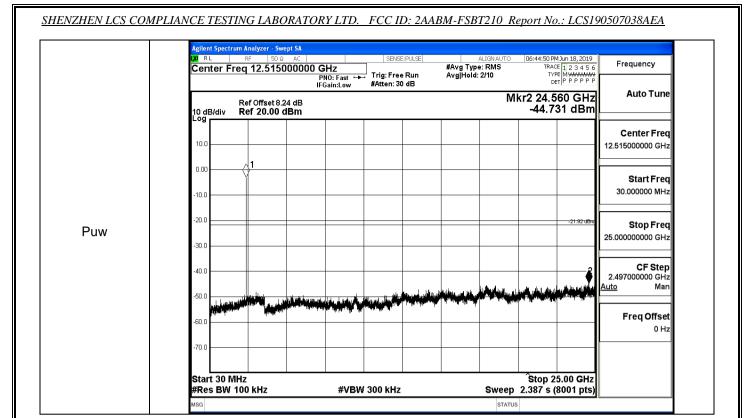


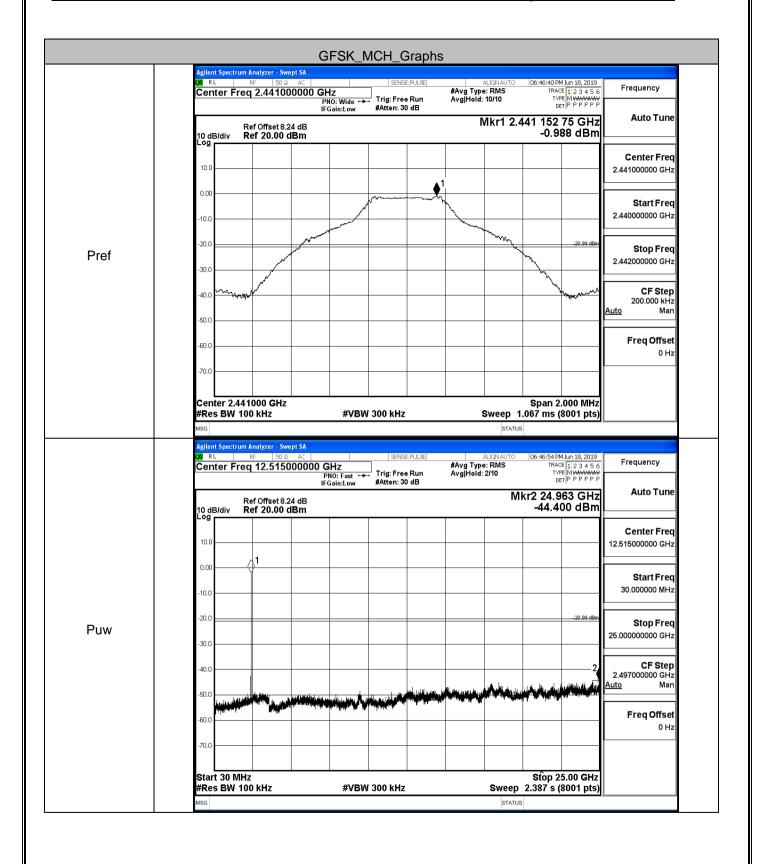


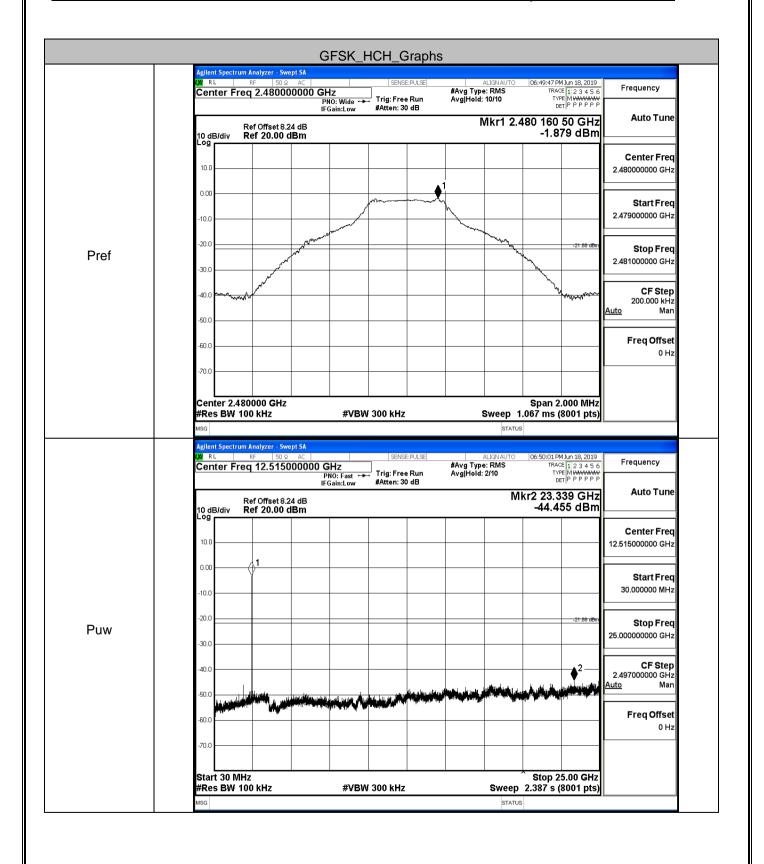
A.6 RF Conducted Spurious Emissions

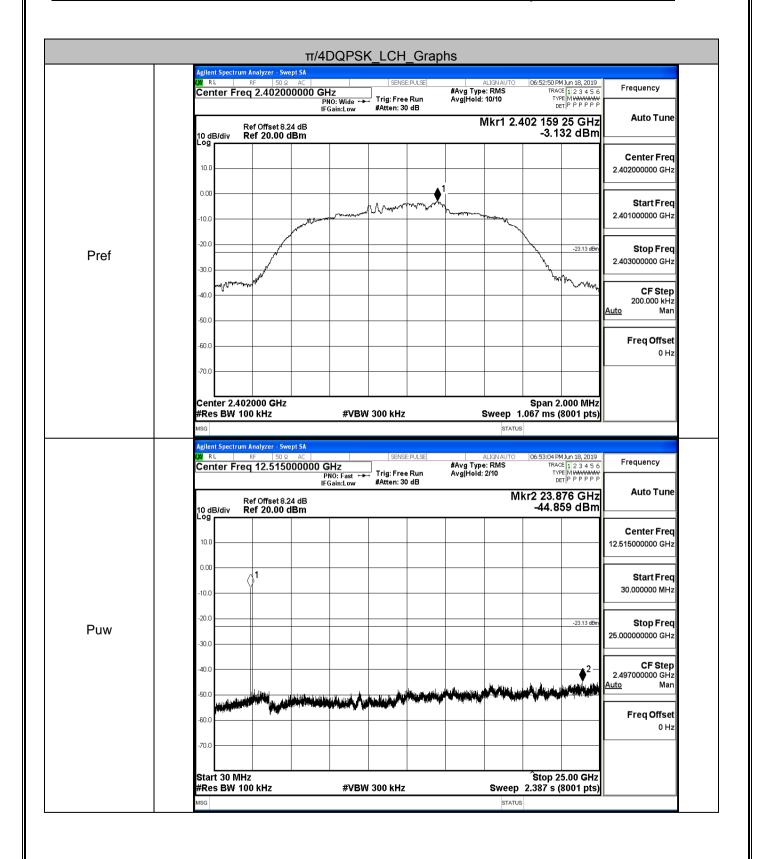
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-1.918	-44.731	-21.918	PASS
GFSK	MCH	-0.988	-44.400	-20.988	PASS
	HCH	-1.879	-44.455	-21.879	PASS
	LCH	-3.132	-44.859	-23.132	PASS
π/4DQPSK	MCH	-2.175	-44.396	-22.175	PASS
	НСН	-3.46	-43.872	-23.460	PASS
	LCH	-3.003	-44.878	-23.003	PASS
8DPSK	MCH	-1.991	-44.672	-21.991	PASS
	НСН	-3.219	-44.271	-23.219	PASS

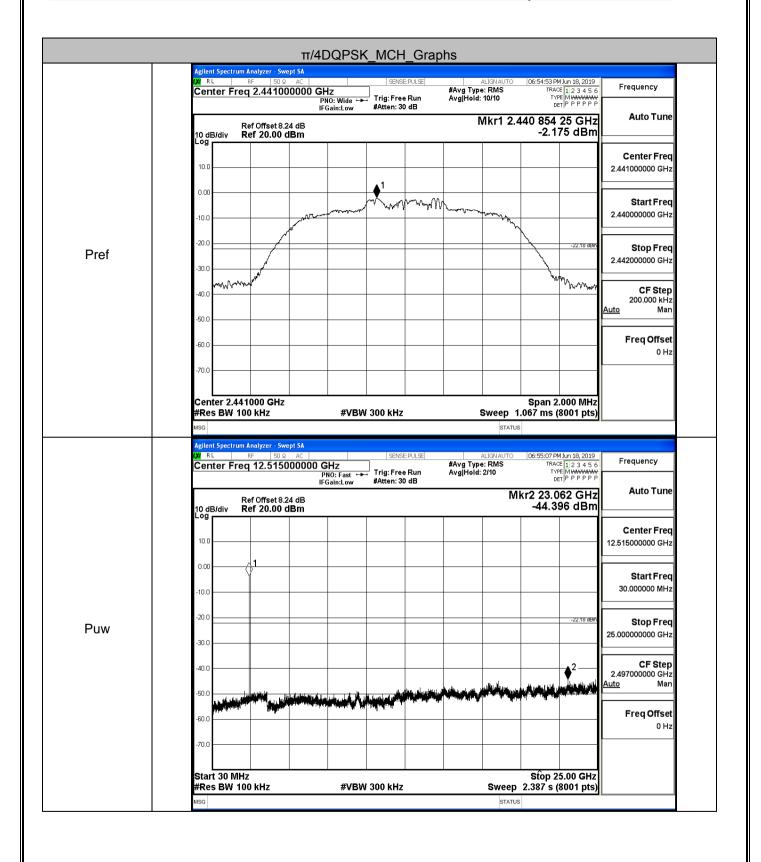


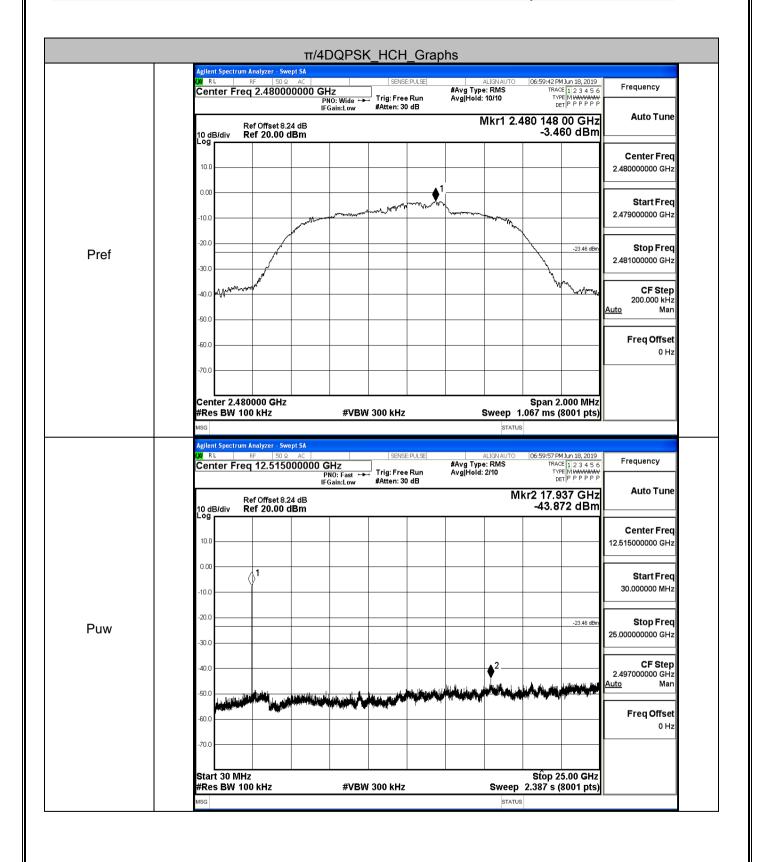


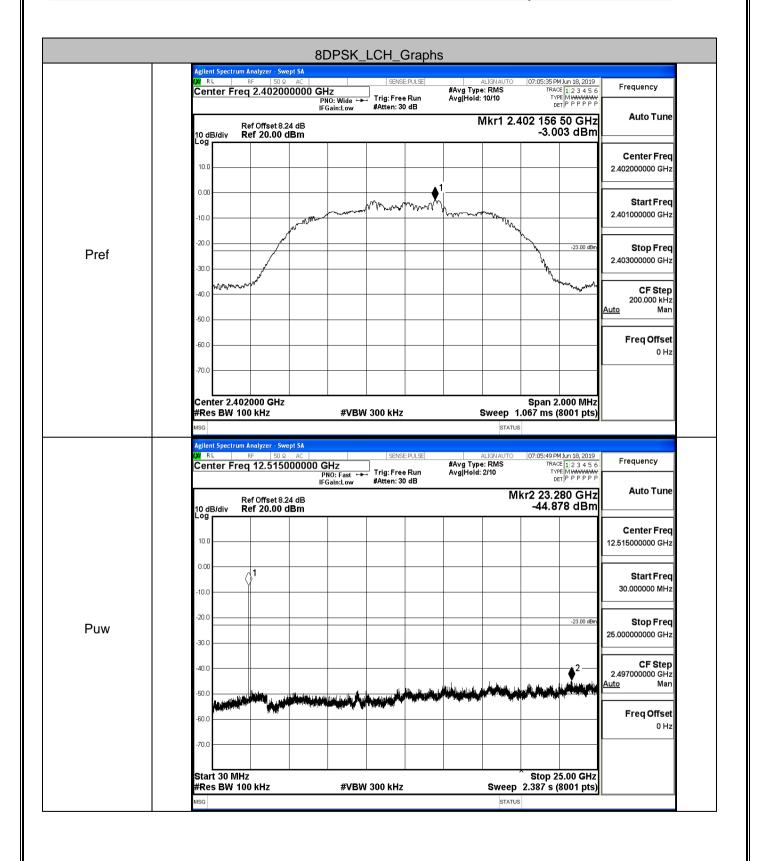


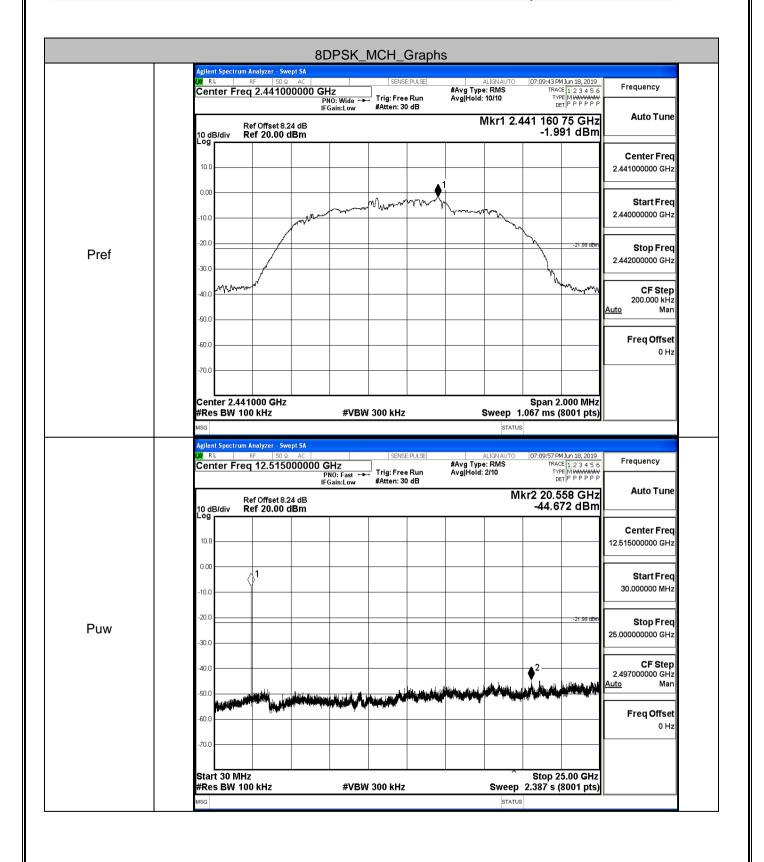


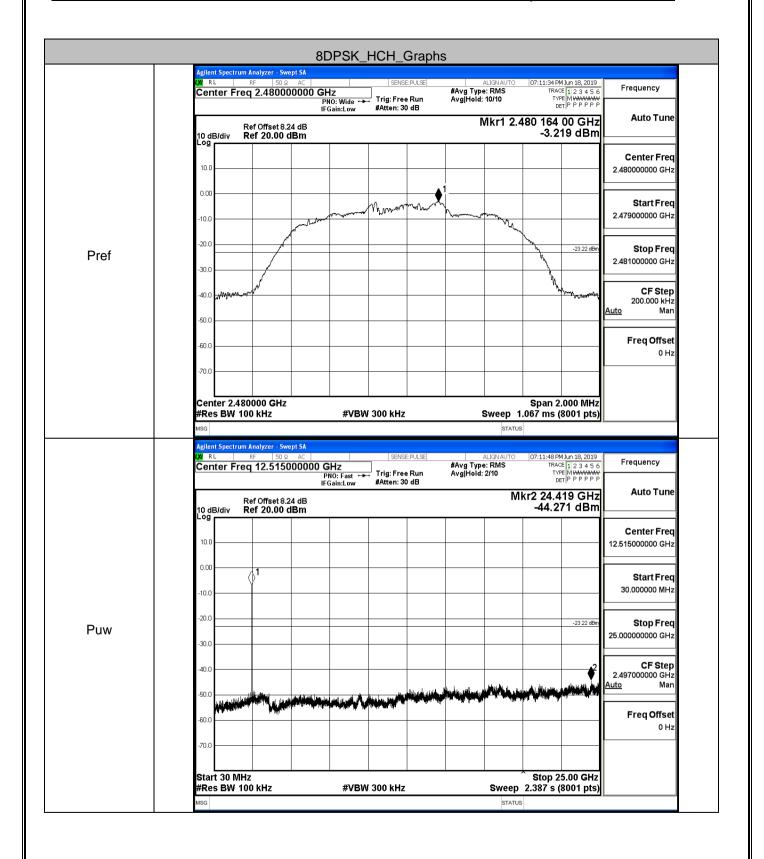






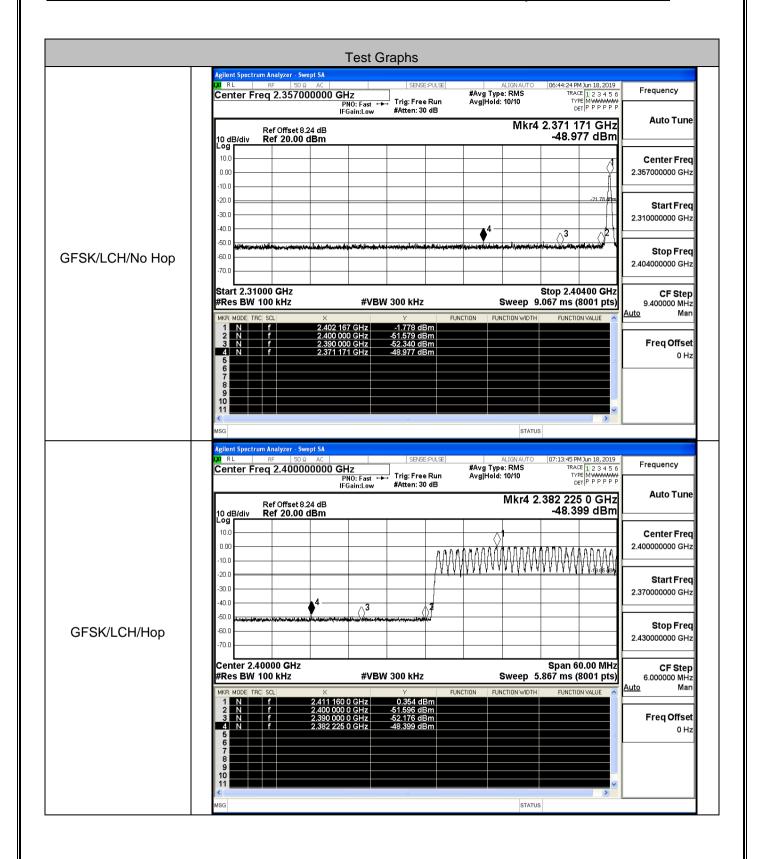


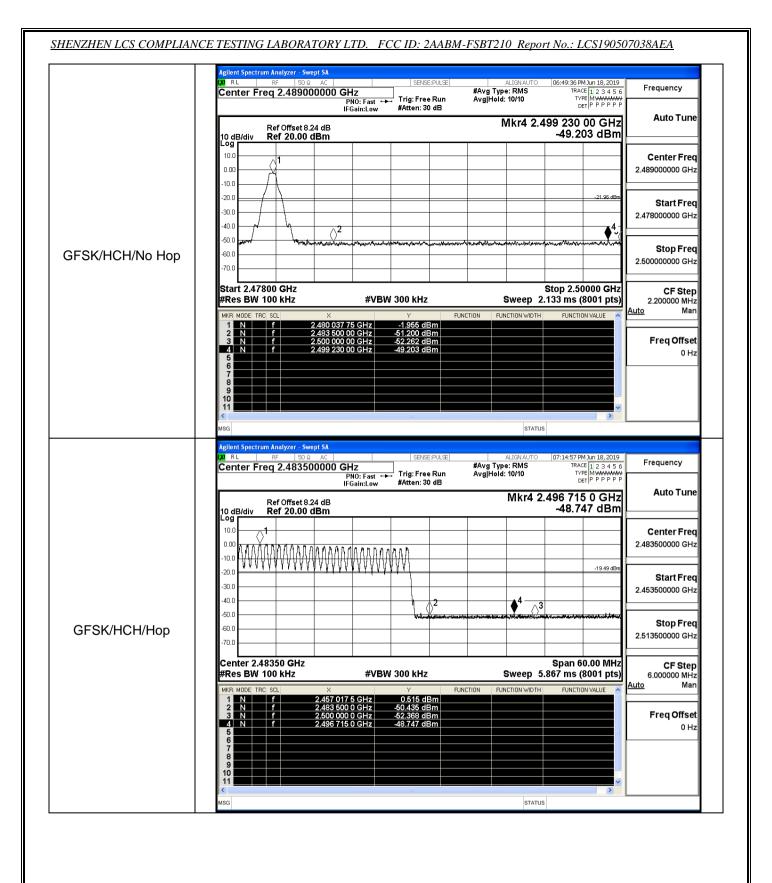


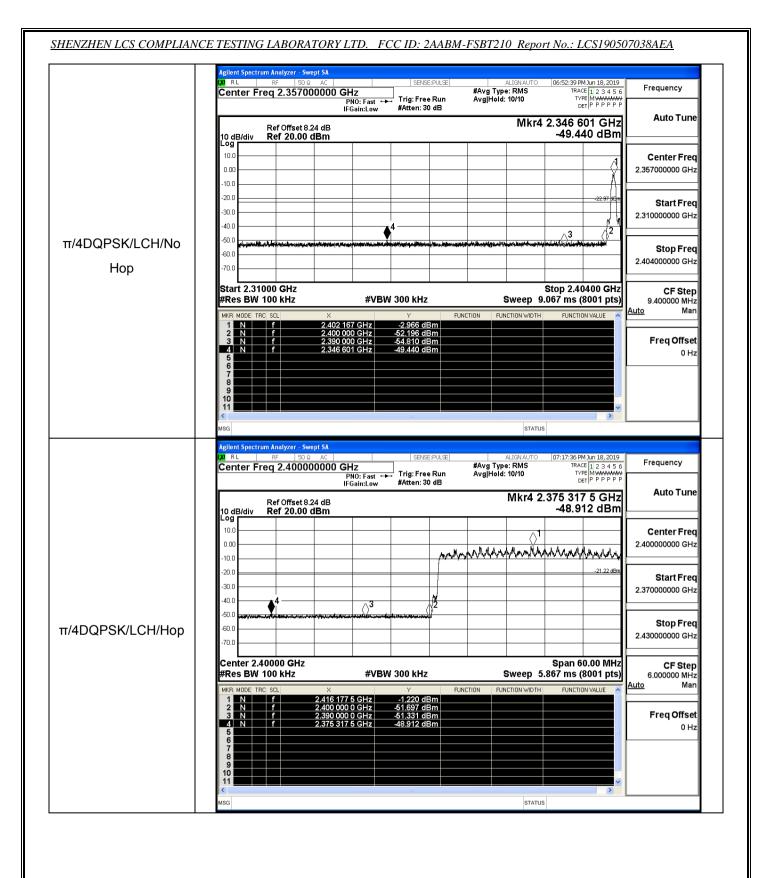


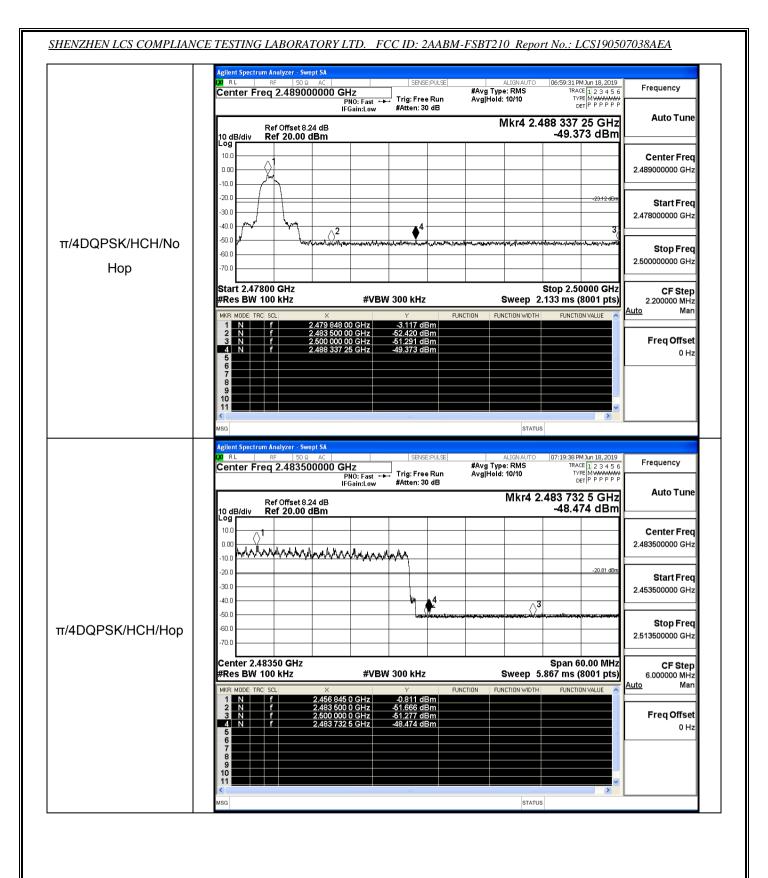
A.7 Band-edge for RF Conducted Emissions

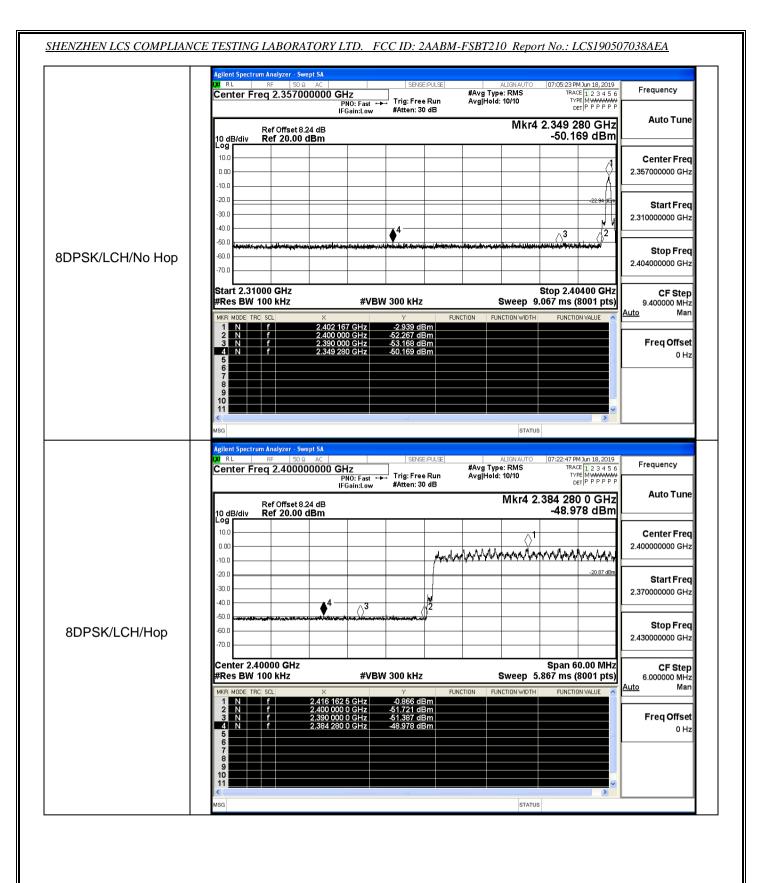
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict			
		0.400	-1.778	Off	-48.977	-21.78	PASS			
0.5014	LCH	2402	0.354	On	-48.399	-19.65	PASS			
GFSK	нсн			-1.955	Off	-49.203	-21.96	PASS		
		2480	0.515	On	-48.747	-19.49	PASS			
	LCH					-2.966	Off	-49.440	-22.97	PASS
		2402	-1.220	On	-48.912	-21.22	PASS			
π/4DQPSK	НСН	CH 2480	-3.117	Off	-49.373	-23.12	PASS			
			-0.811	On	-48.474	-20.81	PASS			
			-2.939	Off	-50.169	-22.94	PASS			
	LCH	2402	-0.866	On	-48.978	-20.87	PASS			
8DPSK		2.122	-3.129	Off	-49.993	-23.13	PASS			
	HCH	H 2480	-0.766	On	-48.852	-20.77	PASS			

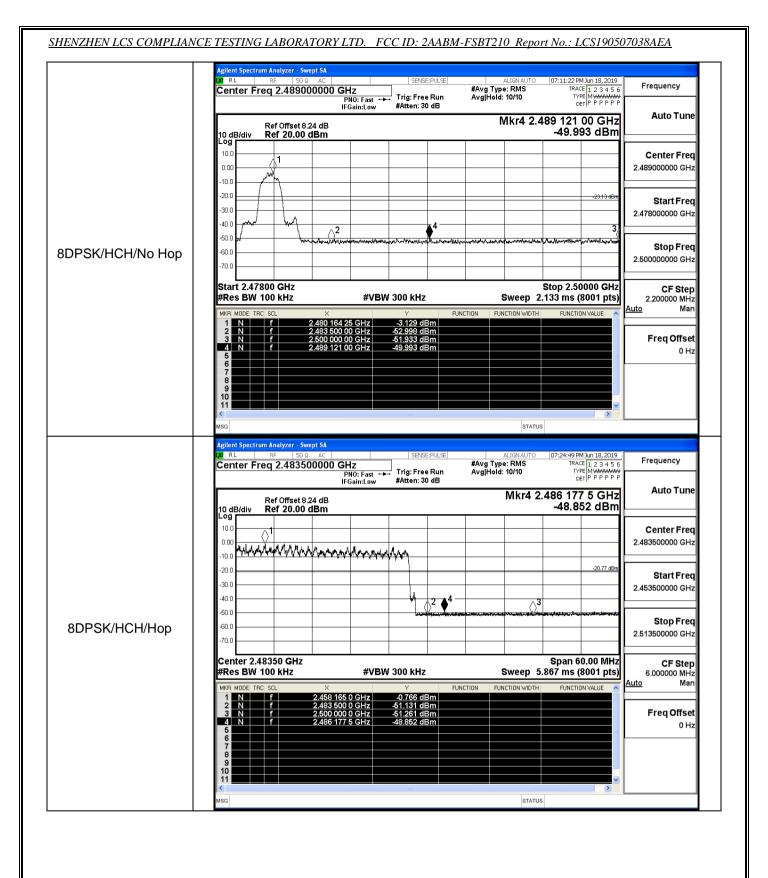






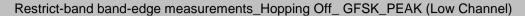


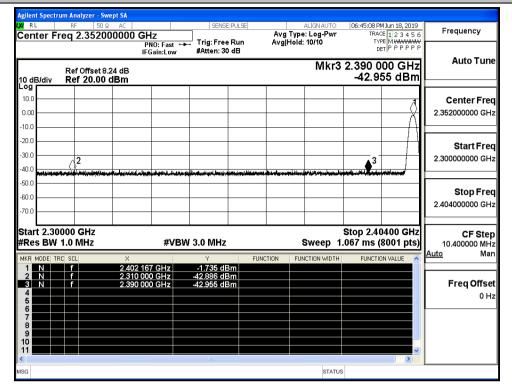




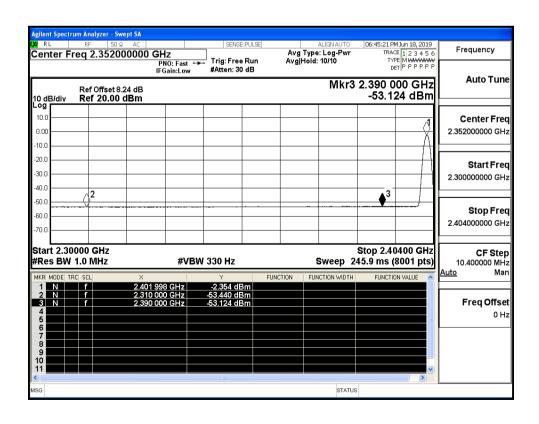
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-42.89	2.0	0	52.37	PEAK	74	PASS
	Off	2310.0	-53.44	2.0	0	41.82	AV	54	PASS
	Off	2390.0	-42.96	2.0	0	52.30	PEAK	74	PASS
05014	Off	2390.0	-53.12	2.0	0	42.13	AV	54	PASS
GFSK	Off	2483.5	-43.88	2.0	0	51.38	PEAK	74	PASS
	Off	2483.5	-52.91	2.0	0	42.35	AV	54	PASS
	Off	2500.0	-41.75	2.0	0	53.50	PEAK	74	PASS
	Off	2500.0	-52.77	2.0	0	42.49	AV	54	PASS
	Off	2310.0	-43.08	2.0	0	52.18	PEAK	74	PASS
	Off	2310.0	-53.22	2.0	0	42.04	AV	54	PASS
	Off	2390.0	-43.99	2.0	0	51.27	PEAK	74	PASS
/4D0D0K	Off	2390.0	-53.14	2.0	0	42.12	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.33	2.0	0	52.93	PEAK	74	PASS
	Off	2483.5	-52.75	2.0	0	42.51	AV	54	PASS
	Off	2500.0	-43.24	2.0	0	52.02	PEAK	74	PASS
	Off	2500.0	-52.77	2.0	0	42.49	AV	54	PASS
	Off	2310.0	-42.81	2.0	0	52.45	PEAK	74	PASS
	Off	2310.0	-53.47	2.0	0	41.79	AV	54	PASS
	Off	2390.0	-41.91	2.0	0	53.35	PEAK	74	PASS
	Off	2390.0	-53.20	2.0	0	42.06	AV	54	PASS
8DPSK	Off	2483.5	-43.04	2.0	0	52.21	PEAK	74	PASS
	Off	2483.5	-52.84	2.0	0	42.42	AV	54	PASS
	Off	2500.0	-42.78	2.0	0	52.48	PEAK	74	PASS
	Off	2500.0	-52.70	2.0	0	42.55	AV	54	PASS

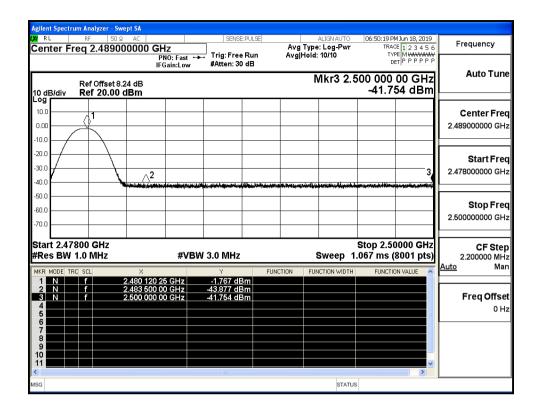




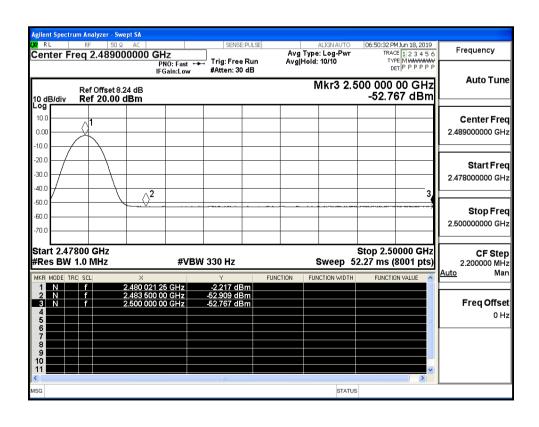
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



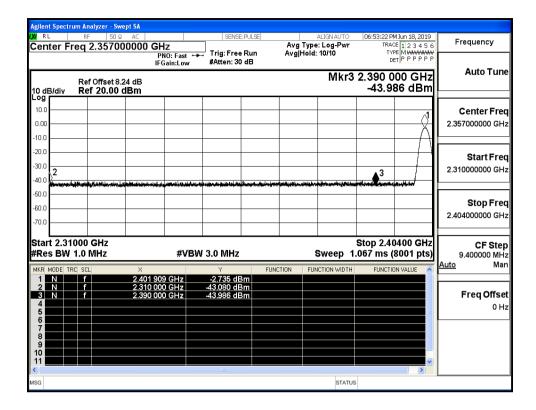
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



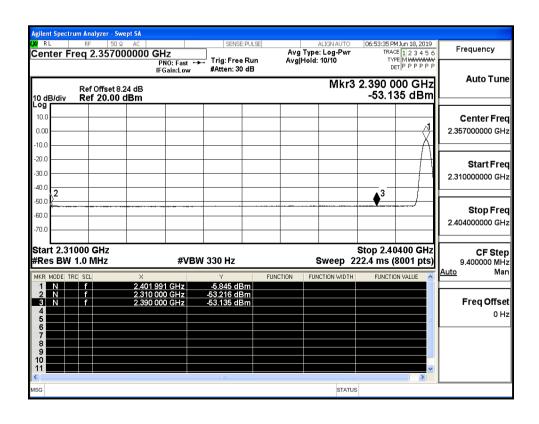
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



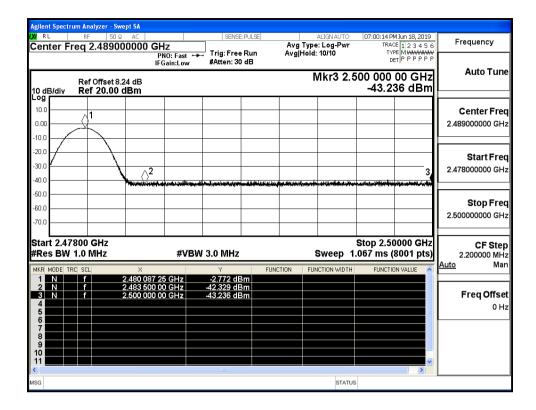
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



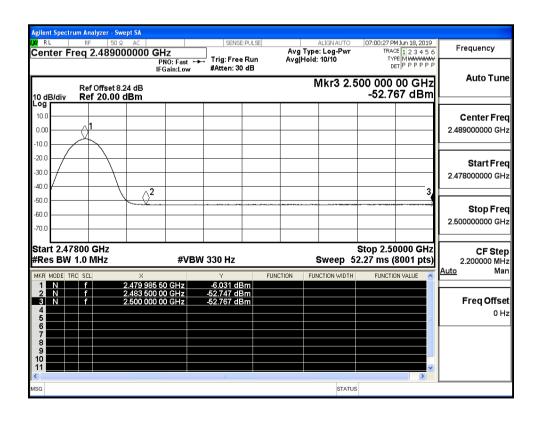
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



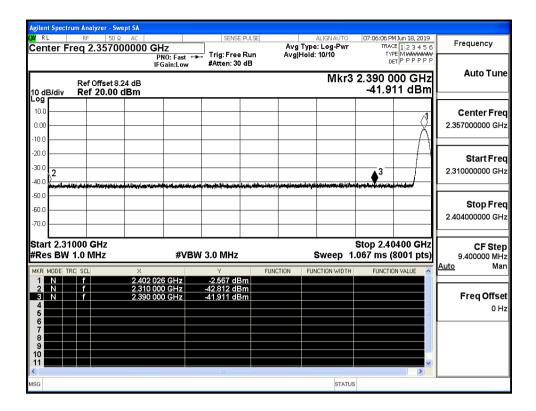
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



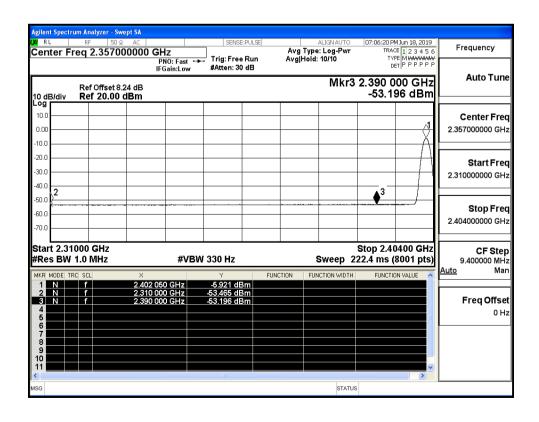
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



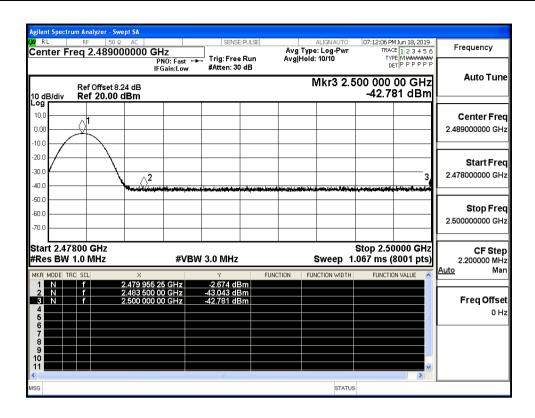
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

