Appendix A

RF Test Data for BT 4.0(BDR/EDR) (Conducted Measurement)

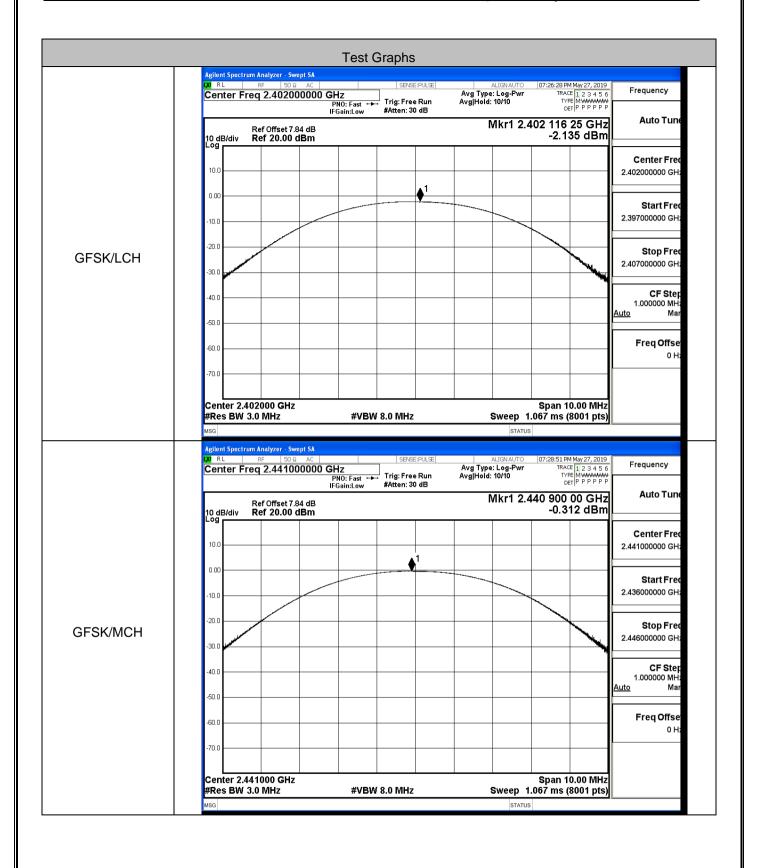
Product Name: Tablet PC Trade Mark: HENA, ollee **Test Model: EGQ378**

Environmental Conditions

	 -	
Temperature:		25.2 ° C
Relative Humidity:		53.4%
ATM Pressure: Test Engineer: Supervised by:		100.0 kPa
		WANGCHUANG
		Tom.Liu

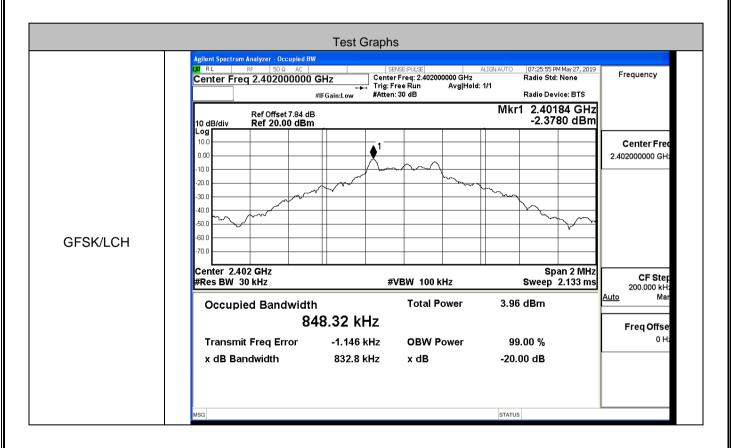
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-2.135	21	PASS
GFSK	MCH	-0.312	21	PASS
	НСН	-0.816	21	PASS
	LCH	-2.916	21	PASS
π/4DQPSK	MCH	-1.446	21	PASS
	НСН	-1.679	21	PASS
	LCH	-3.063	21	PASS
8DPSK	MCH	-1.425	21	PASS
	HCH	-1.677	21	PASS



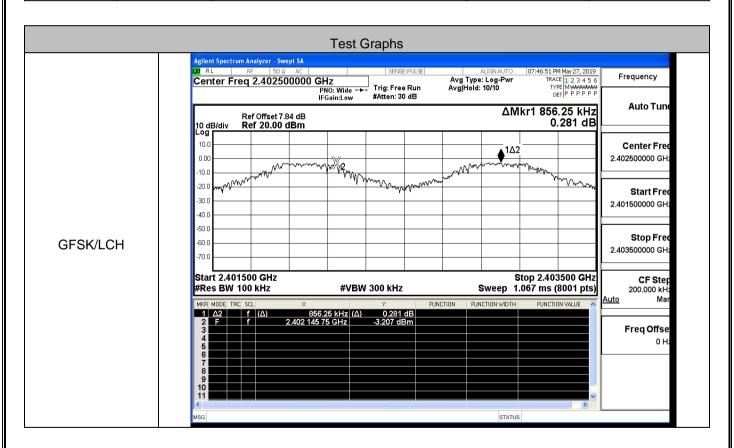
A.2 20dB Bandwidth

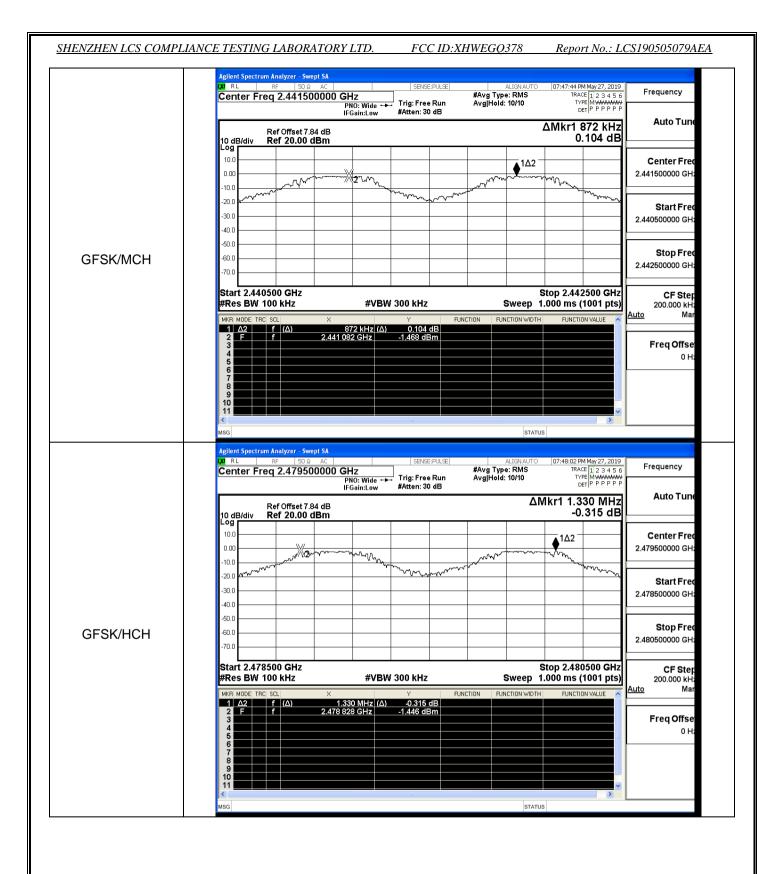
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.8328	Not Specified	PASS
GFSK	MCH	0.8322	Not Specified	PASS
	нсн	0.8310	Not Specified	PASS
	LCH	1.117	Not Specified	PASS
π/4DQPSK	MCH	1.119	Not Specified	PASS
	НСН	1.117	Not Specified	PASS
	LCH	1.133	Not Specified	PASS
8DPSK	MCH	1.118	Not Specified	PASS
	НСН	1.122	Not Specified	PASS

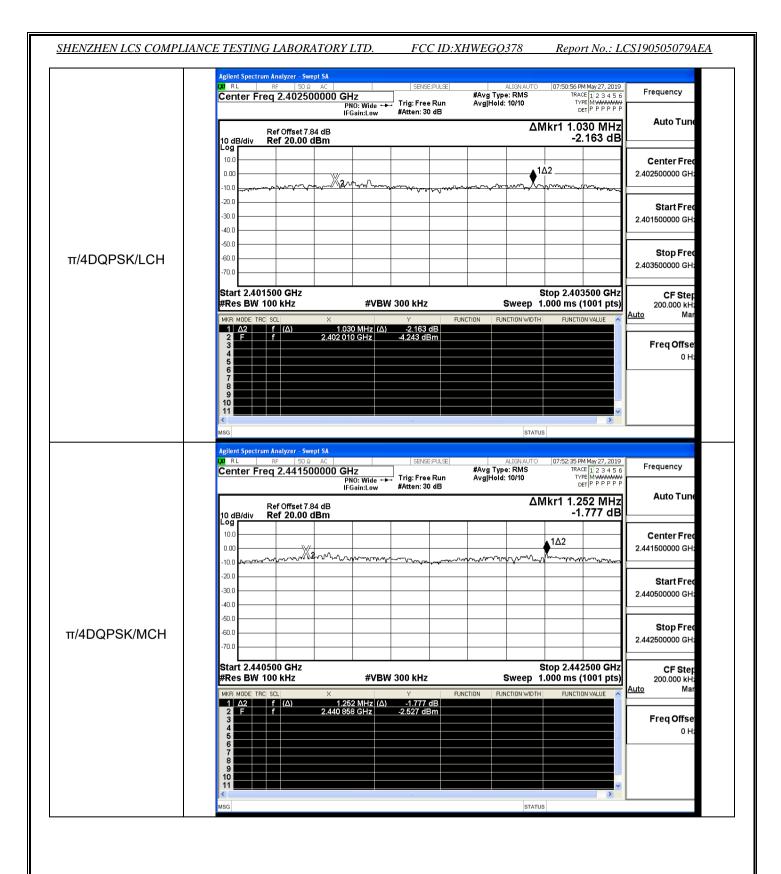


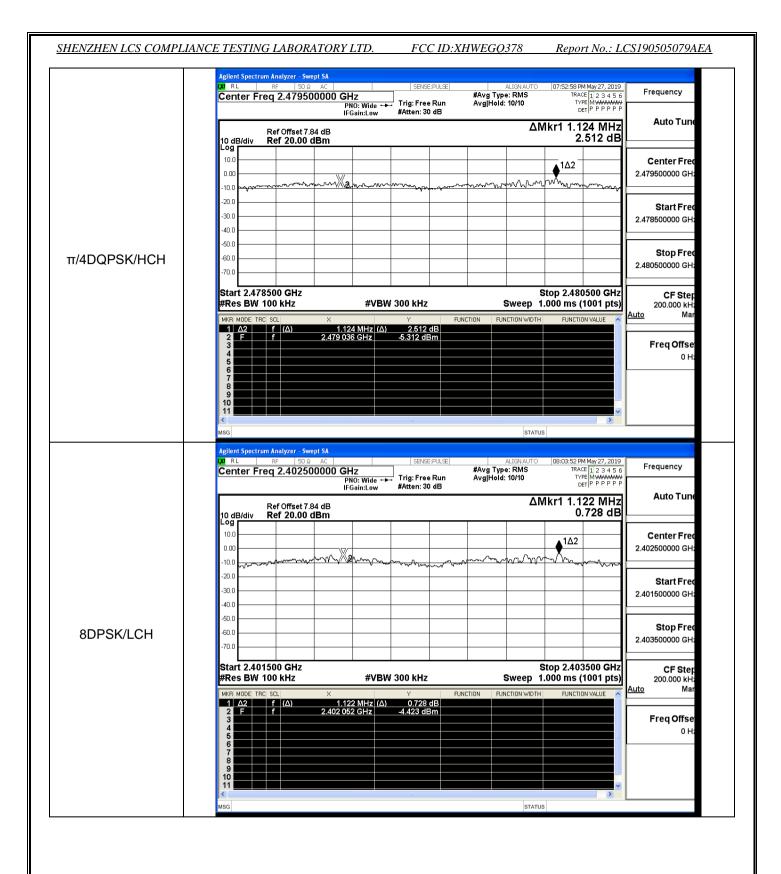
A.3 Carrier Frequency Separation

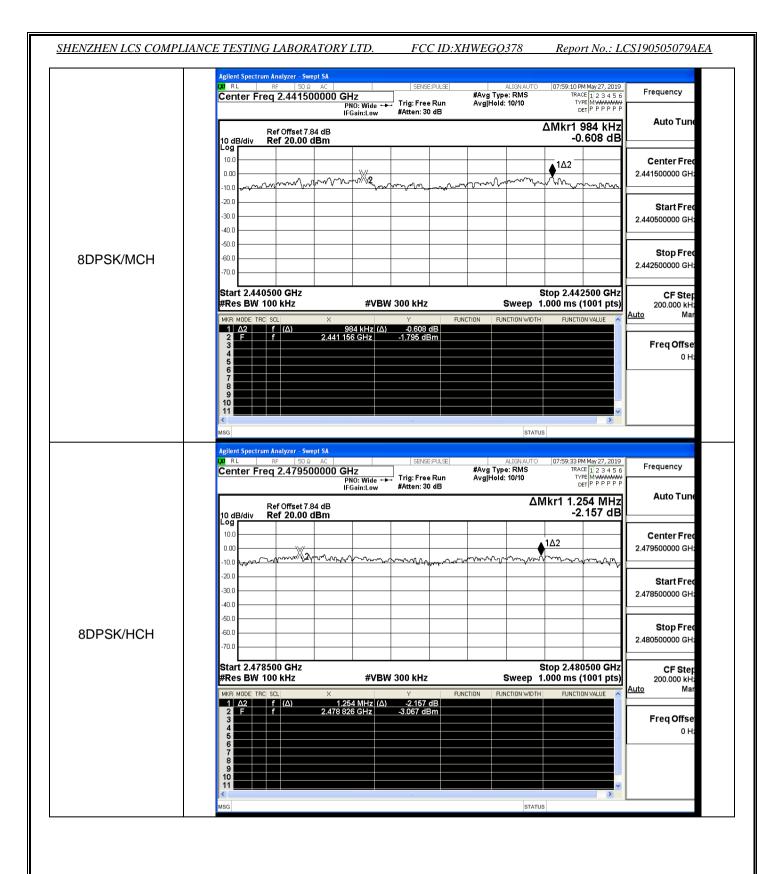
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.856	0.555	PASS
GFSK	MCH	0.872	0.555	PASS
	HCH	1.330	0.555	PASS
	LCH	1.030	0.746	PASS
π/4DQPSK	MCH	1.252	0.746	PASS
	HCH	1.124	0.746	PASS
	LCH	1.122	0.755	PASS
8DPSK	MCH	0.984	0.755	PASS
	HCH	1.254	0.755	PASS





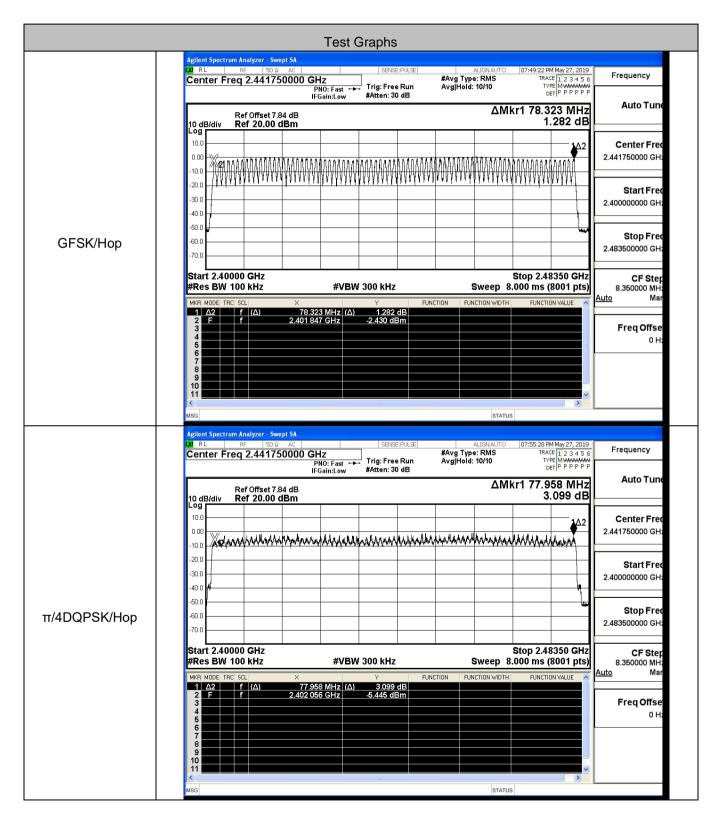


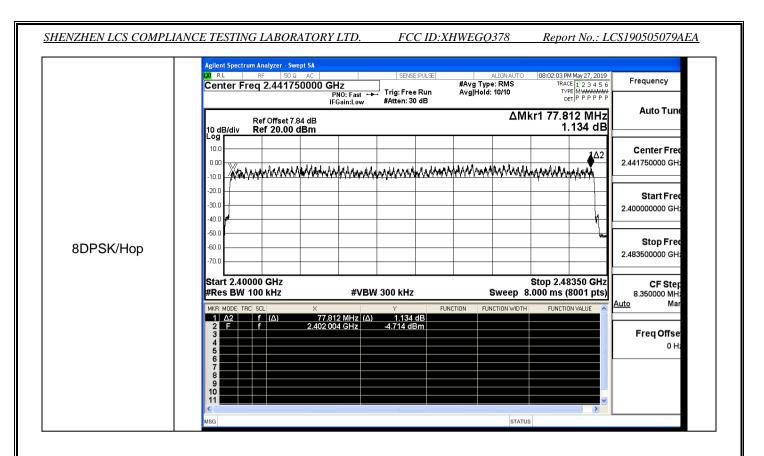




A.4 Hopping Channel Number

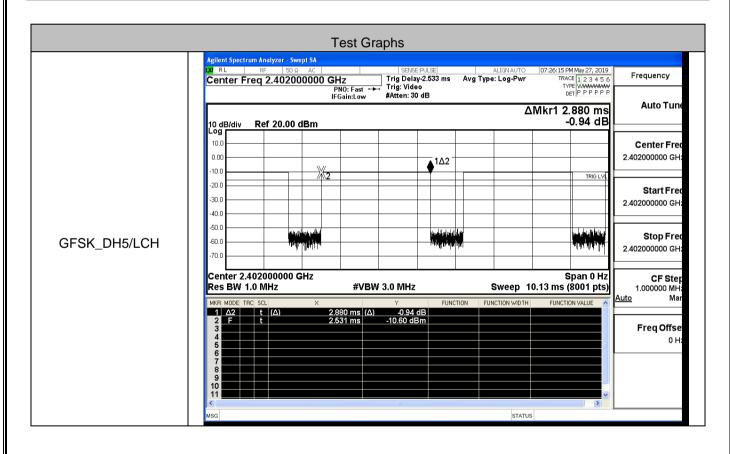
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

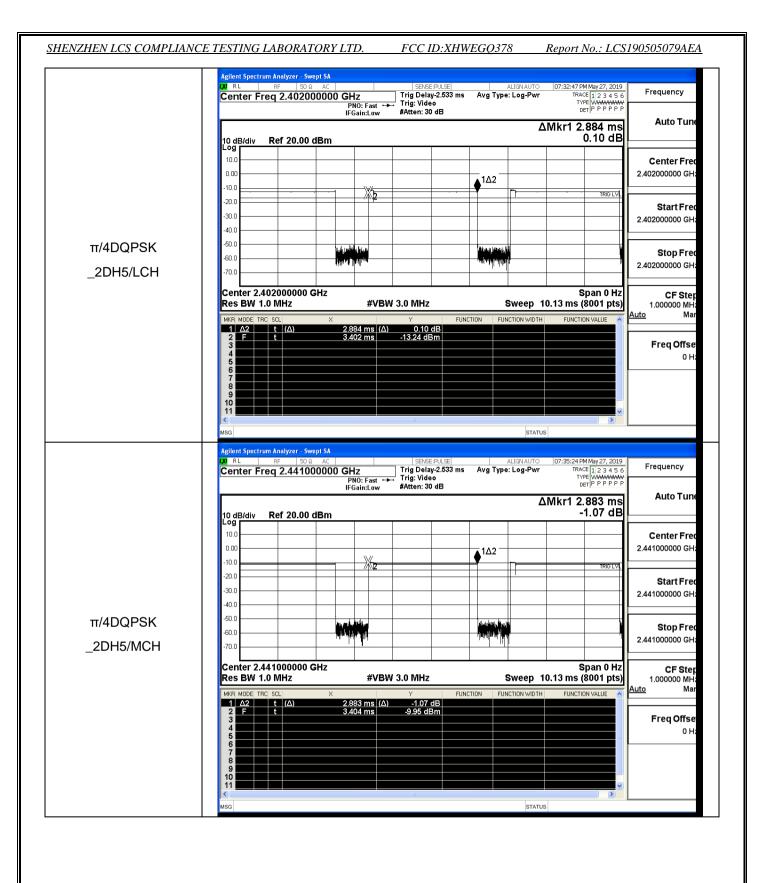


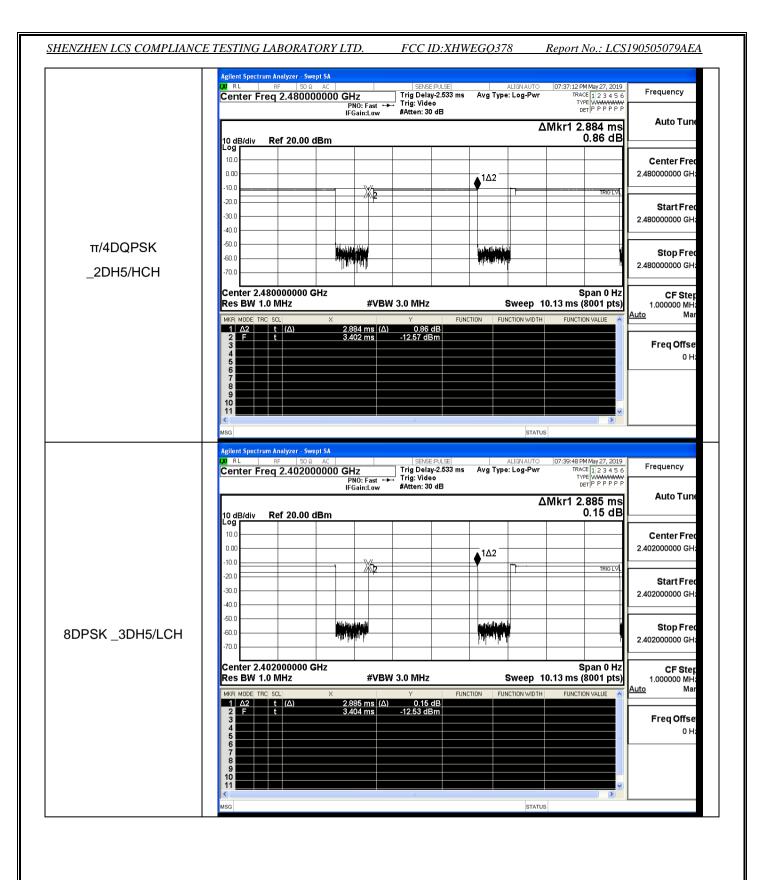


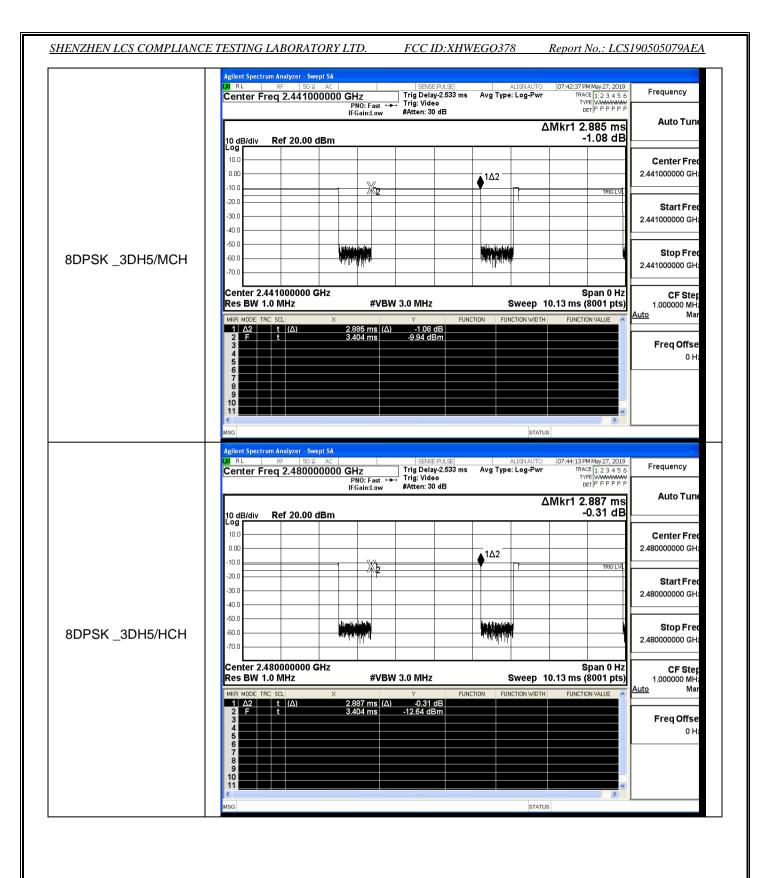
A.5 Dwell Time

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	НСН	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	НСН	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





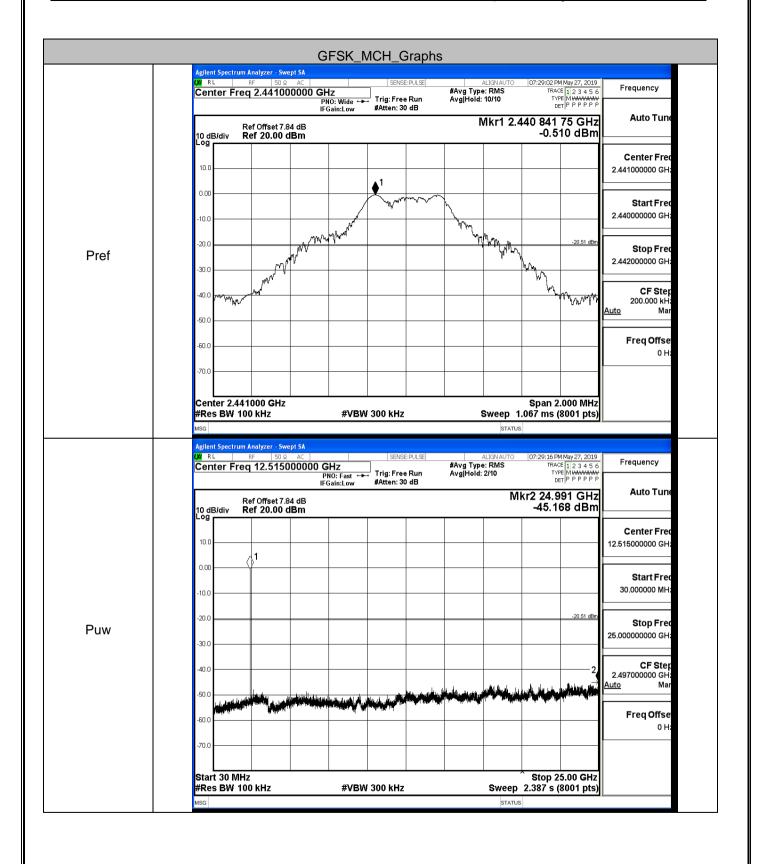


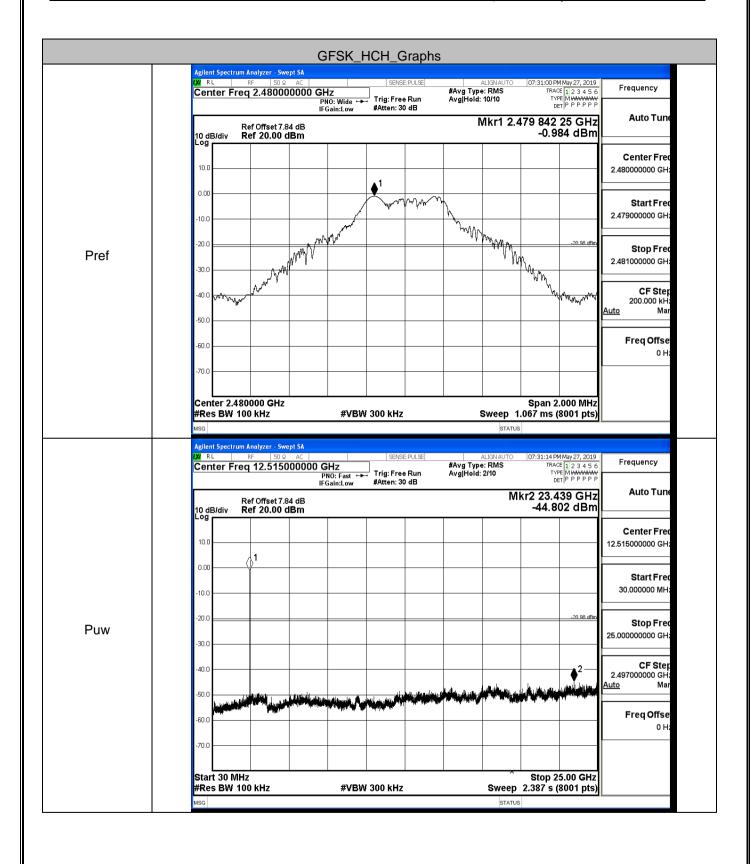


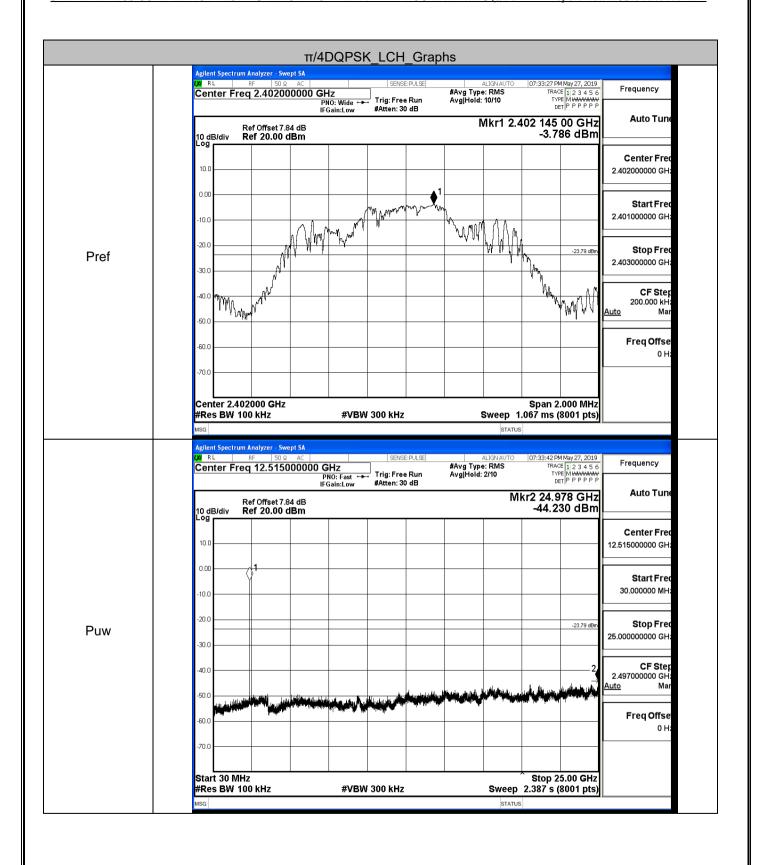
A.6 RF Conducted Spurious Emissions

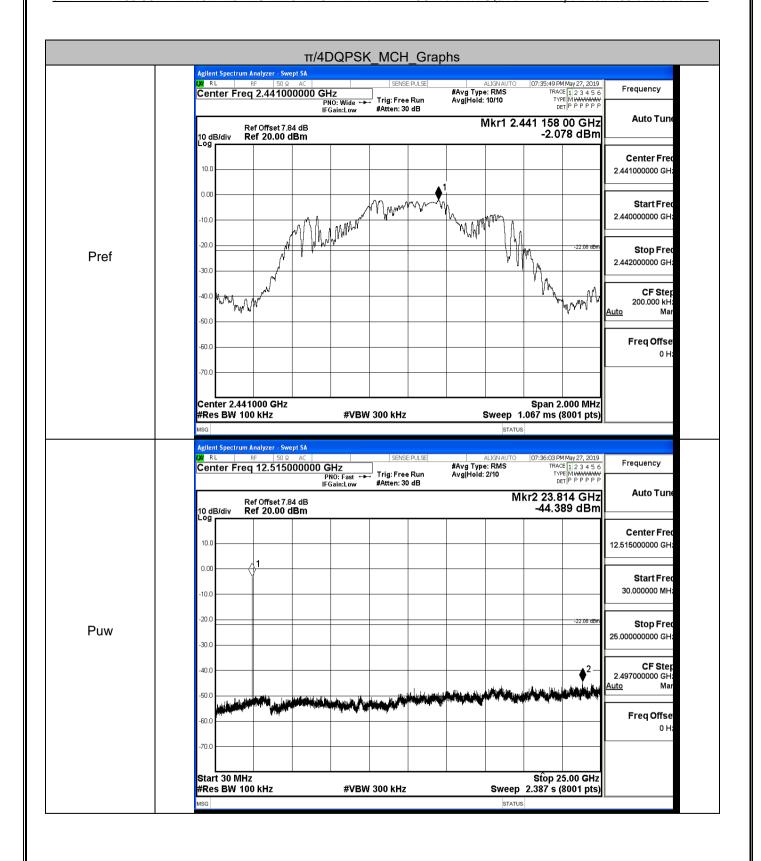
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-2.394	-45.416	-22.394	PASS
GFSK	MCH	-0.51	-45.168	-20.510	PASS
	НСН	-0.984	-44.802	-20.984	PASS
	LCH	-3.786	-44.230	-23.786	PASS
π/4DQPSK	MCH	-2.078	-44.389	-22.078	PASS
	HCH	-2.348	-45.599	-22.348	PASS
	LCH	-3.537	-44.604	-23.537	PASS
8DPSK	MCH	-2.016	-44.388	-22.016	PASS
	HCH	-2.395	-45.196	-22.395	PASS

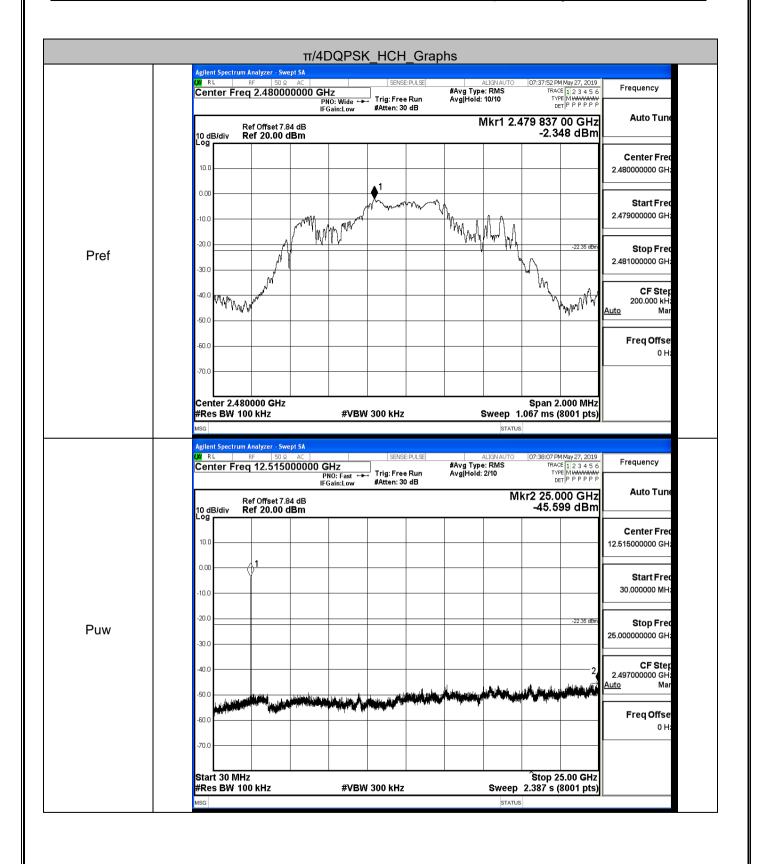


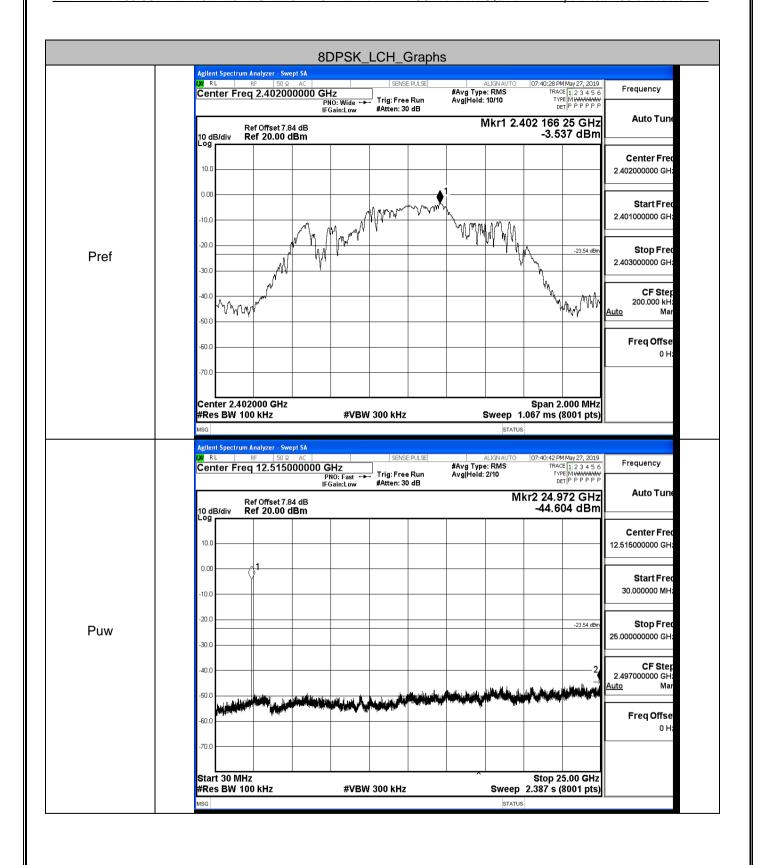


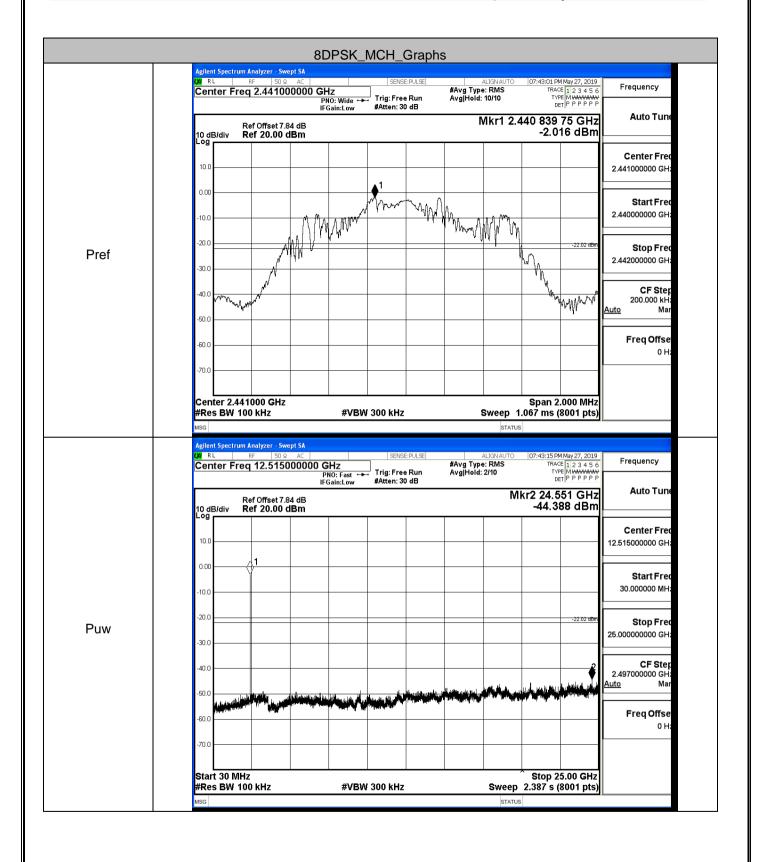


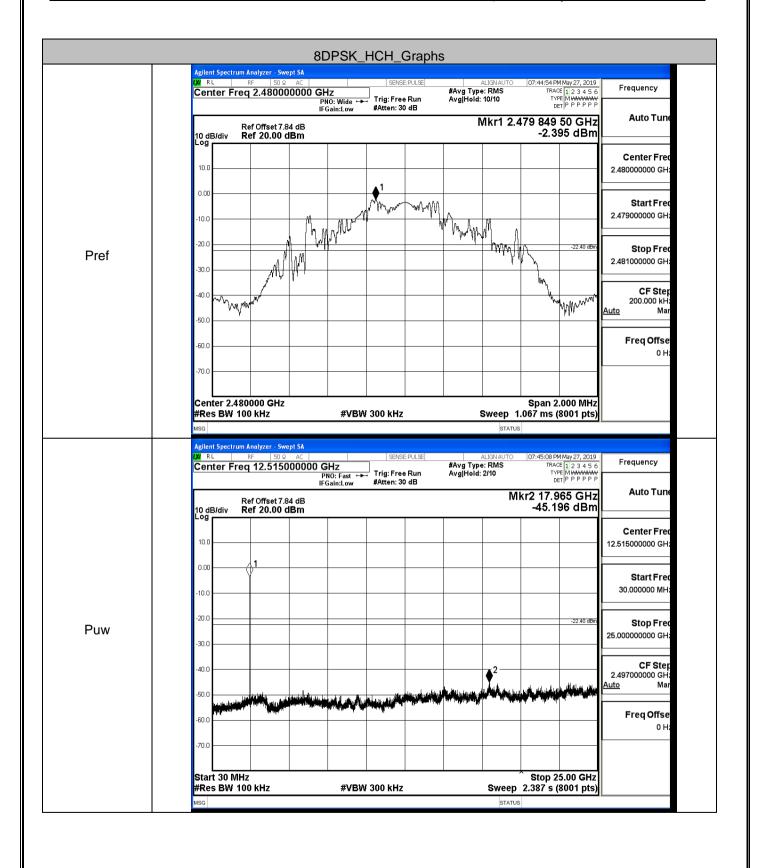






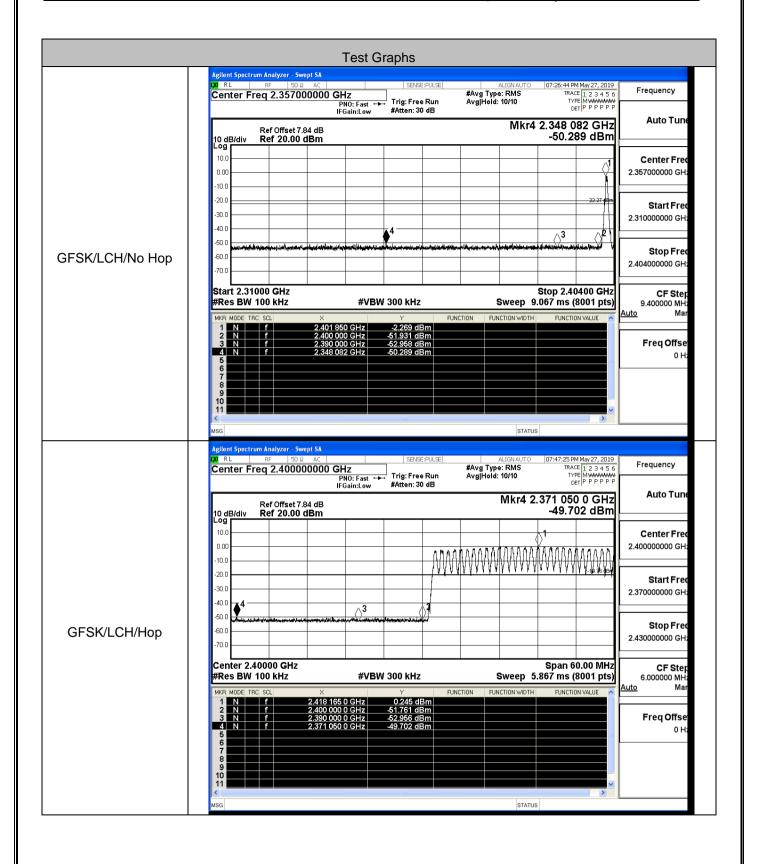


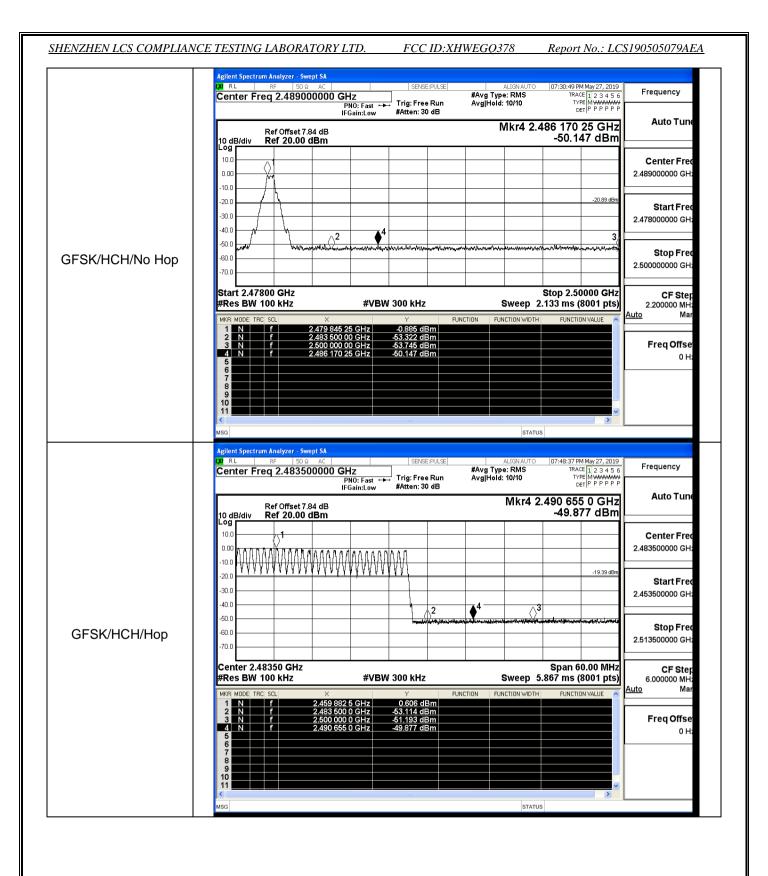


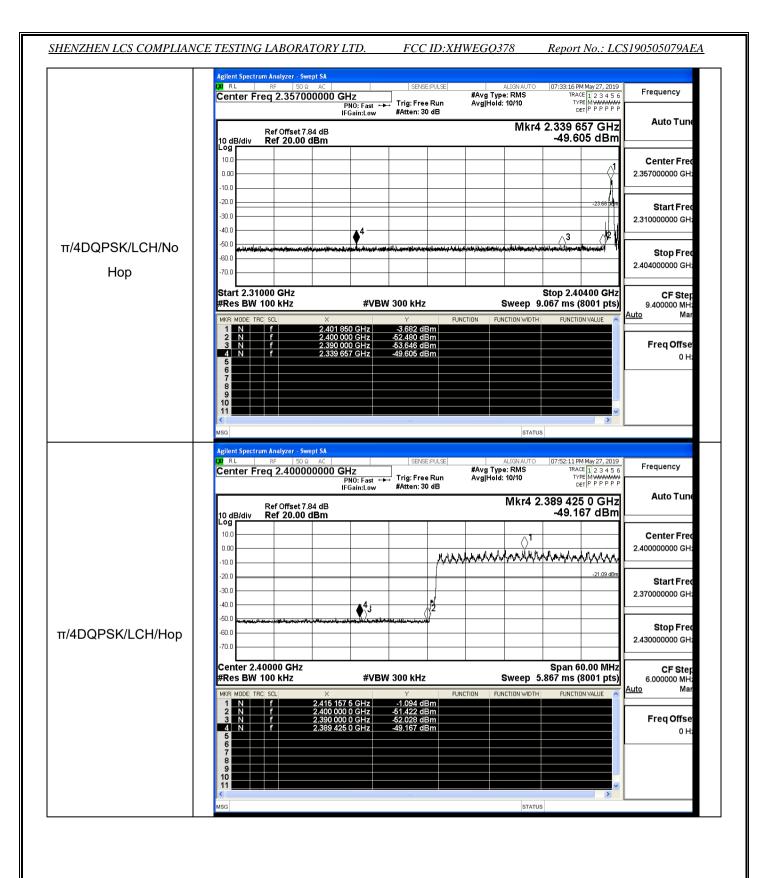


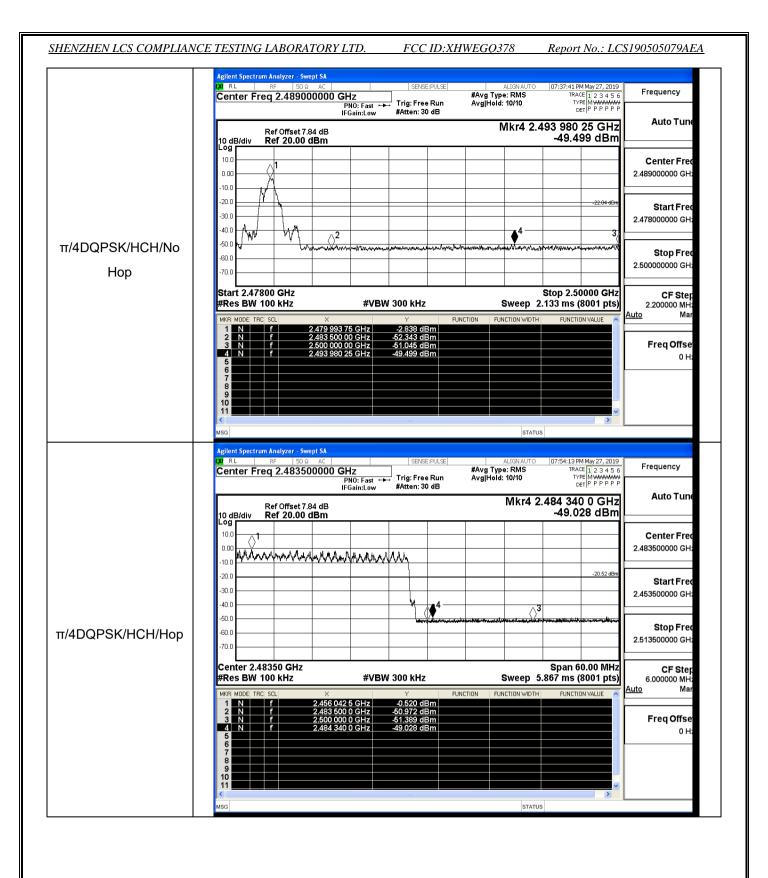
A.7 Band-edge for RF Conducted Emissions

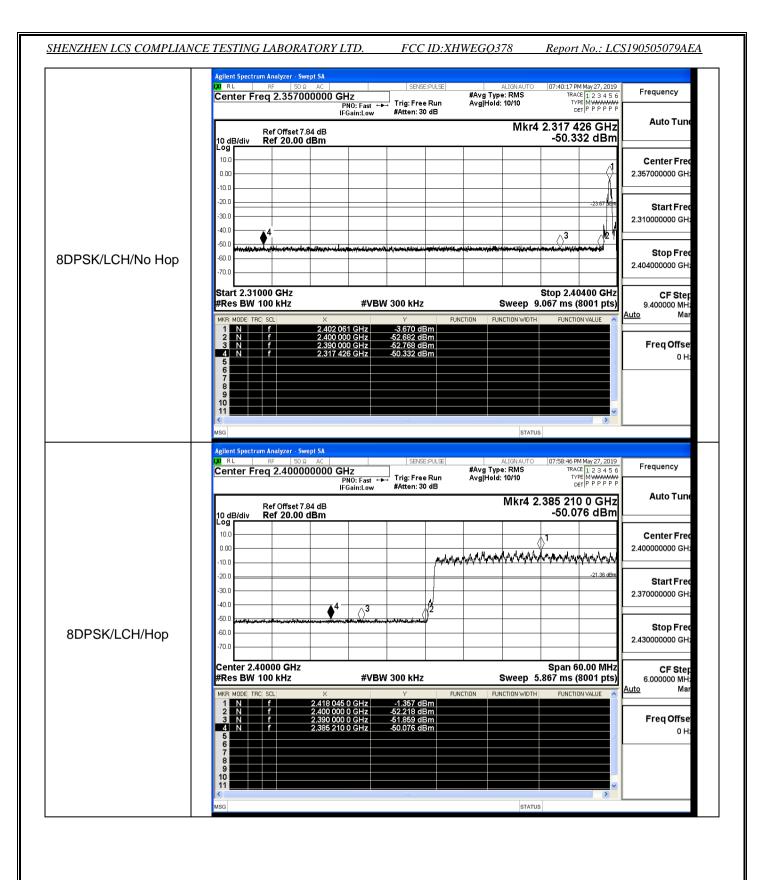
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
			-2.269	Off	-50.289	-22.27	PASS
2-21/	LCH	2402	0.245	On	-49.702	-19.76	PASS
GFSK			-0.885	Off	-50.147	-20.89	PASS
	HCH	2480	0.606	On	-49.877	-19.39	PASS
	LCH		-3.682	Off	-49.605	-23.68	PASS
		2402	-1.094	On	-49.167	-21.09	PASS
π/4DQPSK			-2.838	Off	-49.499	-22.84	PASS
	HCH	2480	-0.520	On	-49.028	-20.52	PASS
		LCH 2402	-3.670	Off	-50.332	-23.67	PASS
	LCH		-1.357	On	-50.076	-21.36	PASS
8DPSK			-2.158	Off	-50.095	-22.16	PASS
	HCH	2480	-0.517	On	-49.055	-20.52	PASS

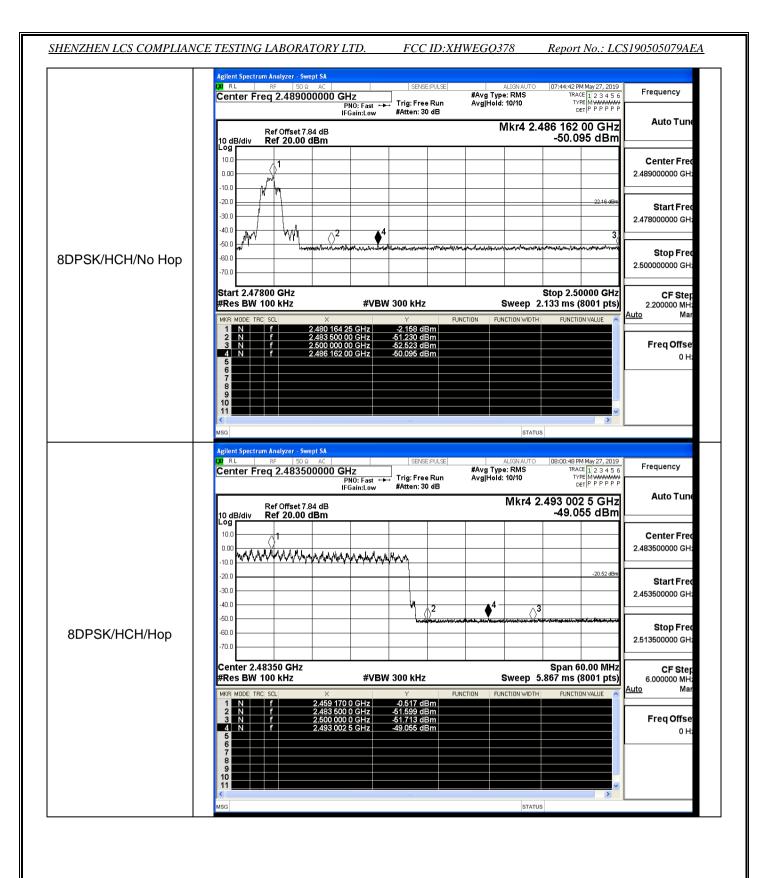






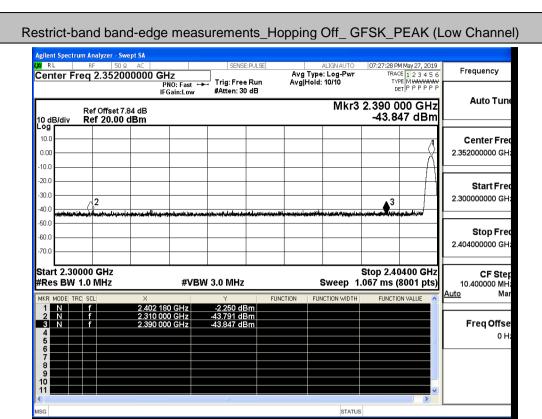




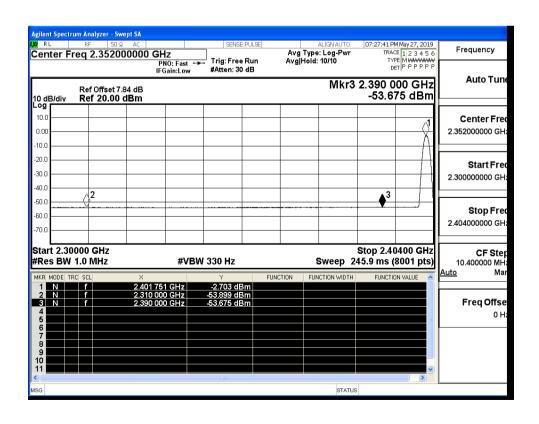


A.8 Restrict-band band-edge measurements

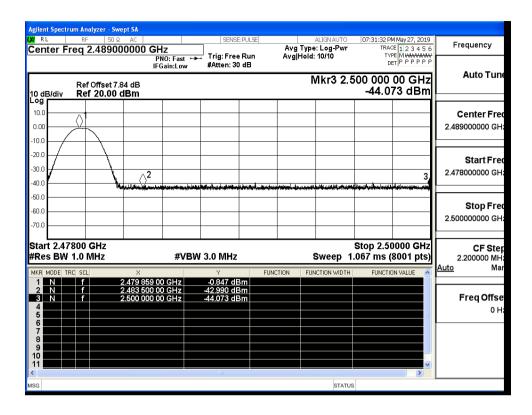
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.79	2.0	0	51.47	PEAK	74	PASS
	Off	2310.0	-53.90	2.0	0	41.36	AV	54	PASS
	Off	2390.0	-43.85	2.0	0	51.41	PEAK	74	PASS
	Off	2390.0	-53.68	2.0	0	41.58	AV	54	PASS
GFSK	Off	2483.5	-42.99	2.0	0	52.27	PEAK	74	PASS
	Off	2483.5	-53.26	2.0	0	42.00	AV	54	PASS
	Off	2500.0	-44.07	2.0	0	51.18	PEAK	74	PASS
	Off	2500.0	-53.20	2.0	0	42.06	AV	54	PASS
	Off	2310.0	-43.71	2.0	0	51.55	PEAK	74	PASS
	Off	2310.0	-53.83	2.0	0	41.43	AV	54	PASS
	Off	2390.0	-43.97	2.0	0	51.29	PEAK	74	PASS
	Off	2390.0	-53.70	2.0	0	41.55	AV	54	PASS
π/4DQPSK	Off	2483.5	-43.05	2.0	0	52.21	PEAK	74	PASS
	Off	2483.5	-53.36	2.0	0	41.90	AV	54	PASS
	Off	2500.0	-43.15	2.0	0	52.11	PEAK	74	PASS
	Off	2500.0	-53.26	2.0	0	41.99	AV	54	PASS
	Off	2310.0	-44.39	2.0	0	50.87	PEAK	74	PASS
	Off	2310.0	-53.81	2.0	0	41.45	AV	54	PASS
	Off	2390.0	-43.38	2.0	0	51.88	PEAK	74	PASS
	Off	2390.0	-53.54	2.0	0	41.72	AV	54	PASS
8DPSK	Off	2483.5	-40.69	2.0	0	54.57	PEAK	74	PASS
	Off	2483.5	-53.50	2.0	0	41.76	AV	54	PASS
	Off	2500.0	-42.54	2.0	0	52.72	PEAK	74	PASS
	Off	2500.0	-53.25	2.0	0	42.01	AV	54	PASS



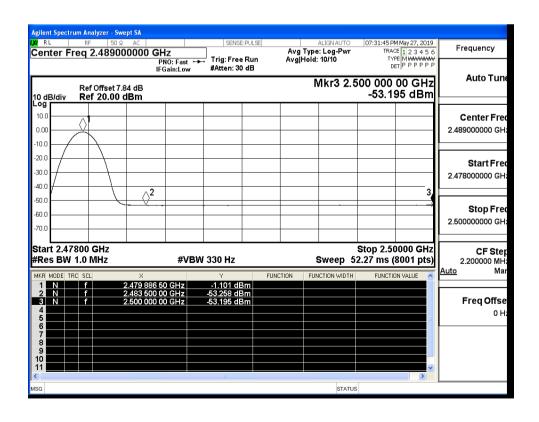
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



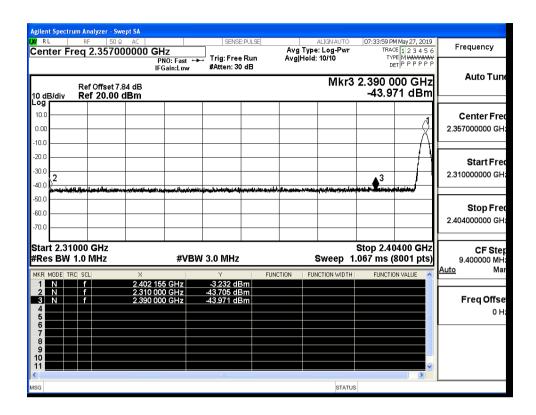
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



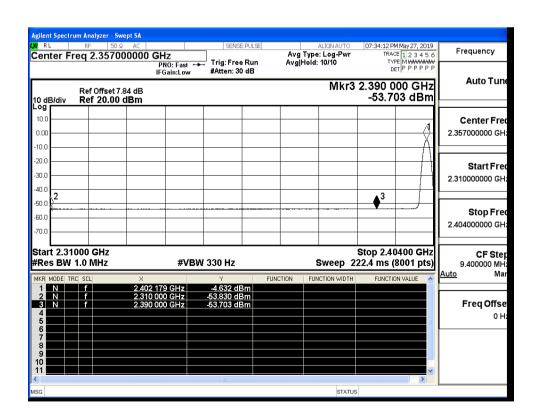
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



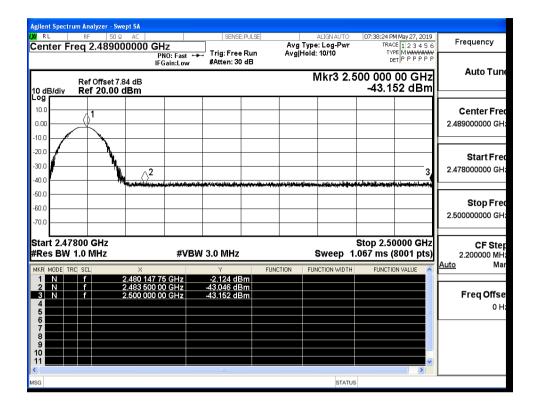
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



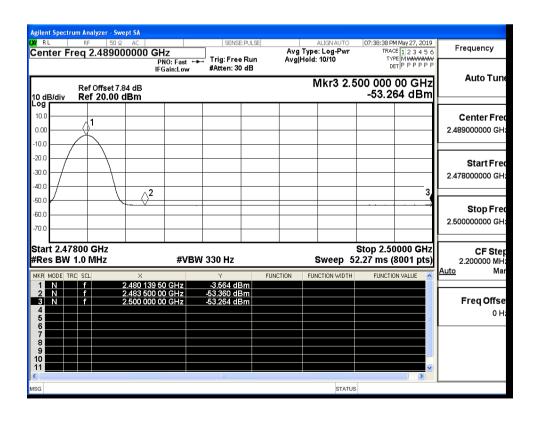
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



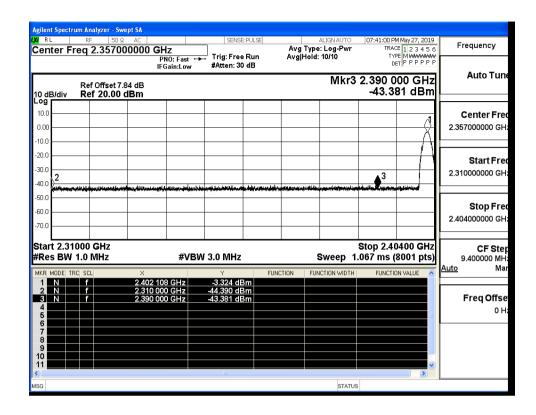
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



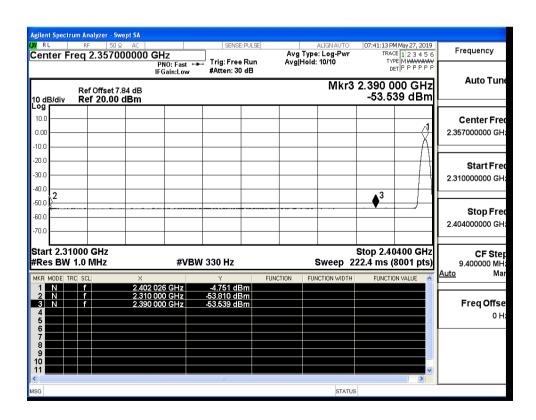
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



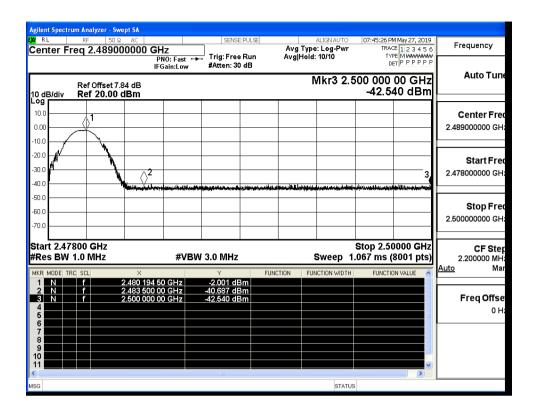
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

