# Appendix A

# RF Test Data for BT V5.0(BDR/EDR) (Conducted Measurement)

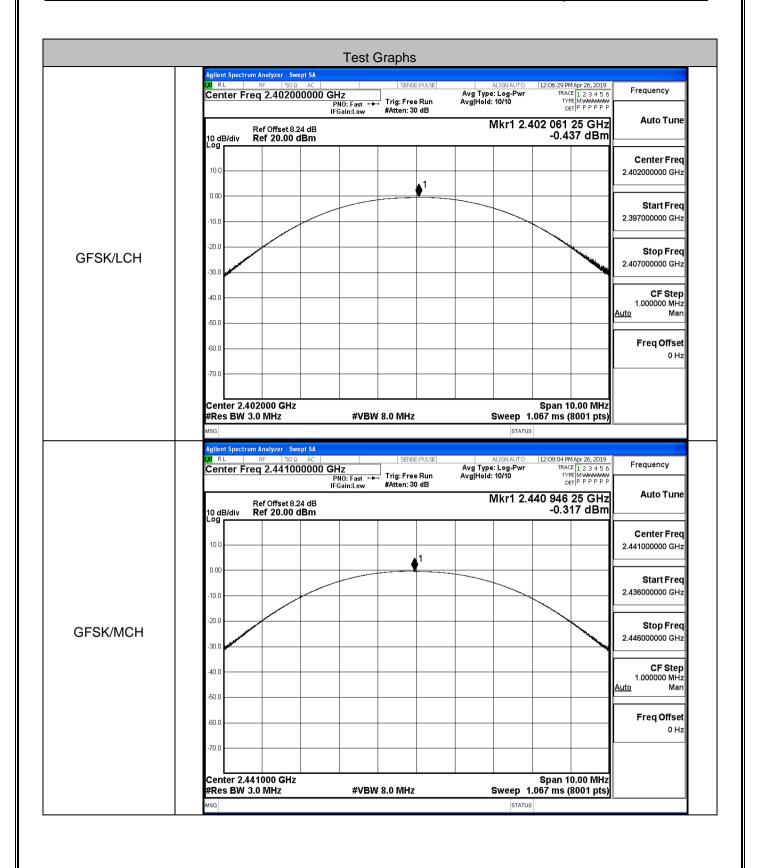
**Product Name: Move Sports Wireless Earphones** Trade Mark: N/A Test Model: 34440

#### **Environmental Conditions**

Temperature:	23.8 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Tom.Liu

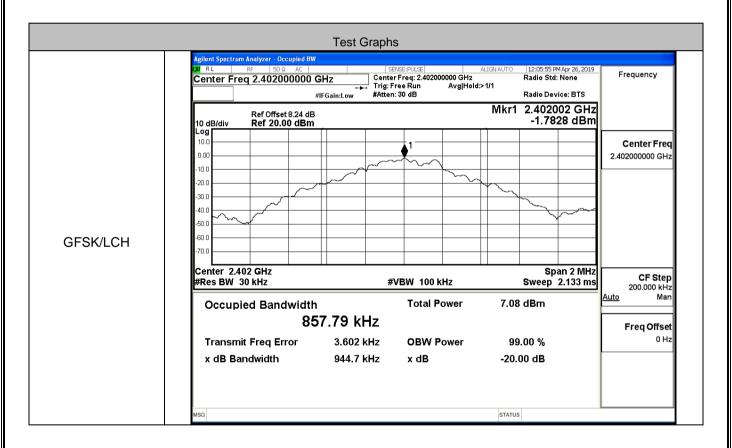
## **A.1 Maxmum Conducted Peak Output Power**

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-0.437	30	PASS
GFSK	MCH	-0.317	30	PASS
	НСН	-0.794	30	PASS
	LCH	-2.130	21	PASS
π/4DQPSK	MCH	-1.157	21	PASS
	НСН	-2.397	21	PASS
	LCH	-1.900	21	PASS
8DPSK	DPSK MCH -0.933		21	PASS
	HCH	-2.094	21	PASS



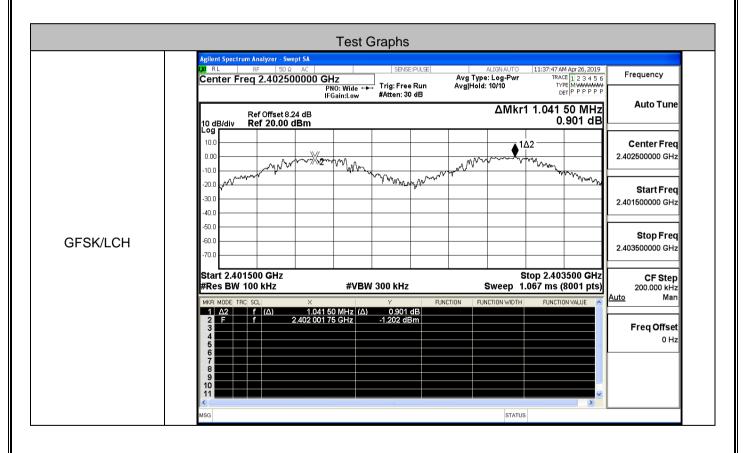
#### A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9447	Not Specified	PASS
GFSK	MCH	0.9418	Not Specified	PASS
	нсн	0.9446	Not Specified	PASS
	LCH	1.259	Not Specified	PASS
π/4DQPSK	MCH	1.229	Not Specified	PASS
	НСН	1.229	Not Specified	PASS
	LCH	1.275	Not Specified	PASS
8DPSK	MCH	1.261	Not Specified	PASS
	НСН	1.261	Not Specified	PASS

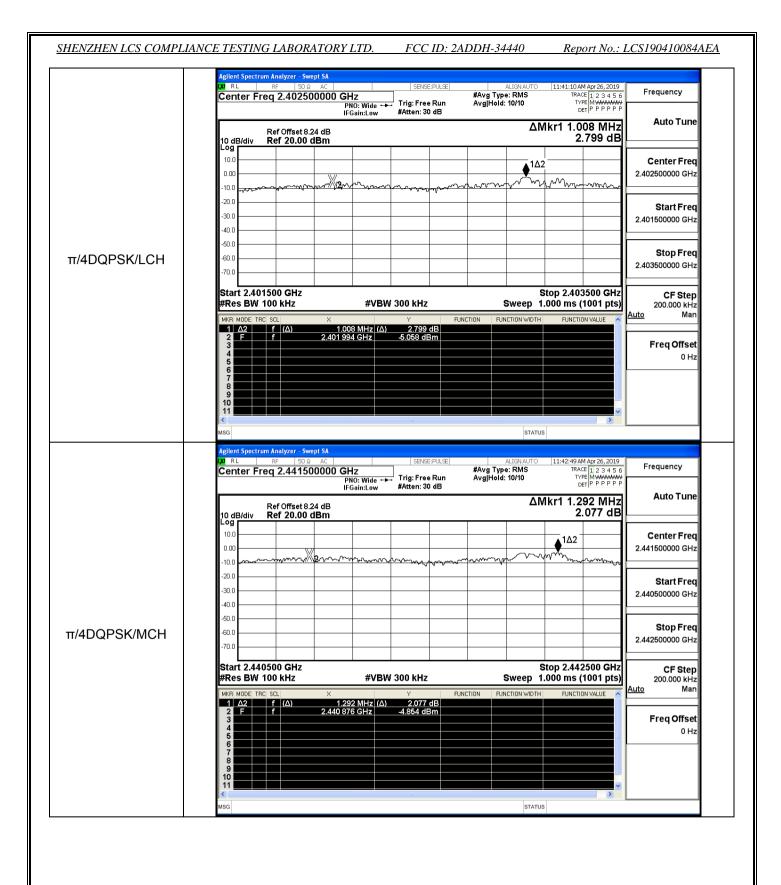


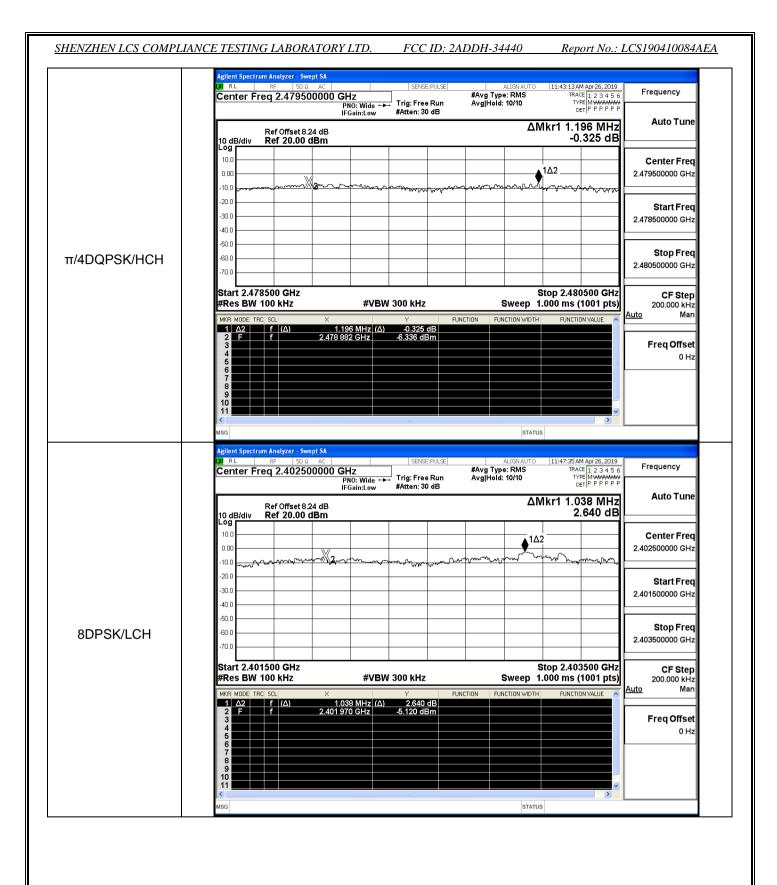
## **A.3 Carrier Frequency Separation**

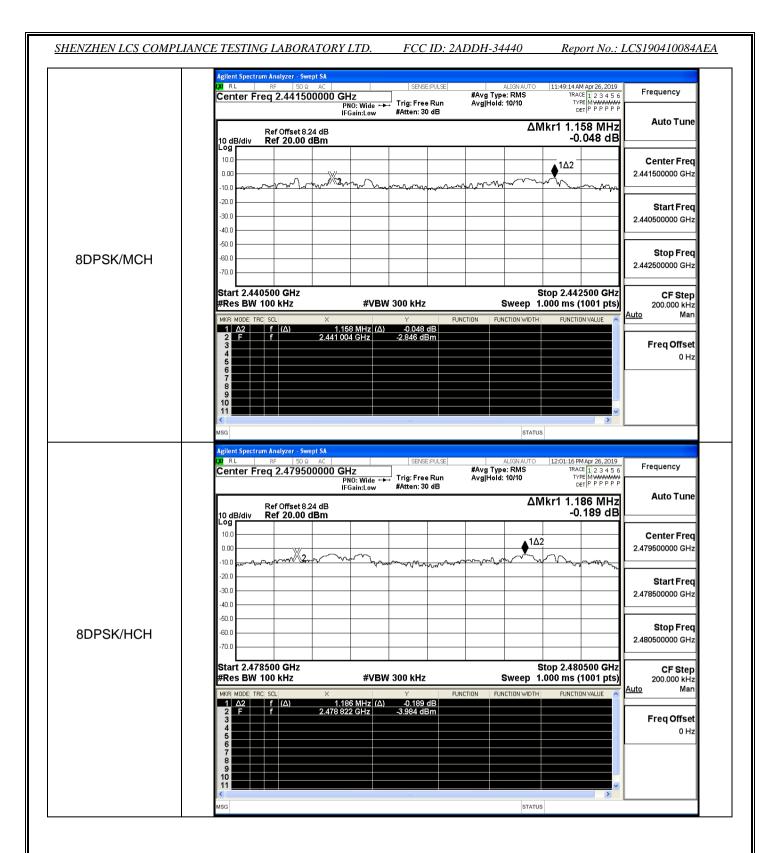
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.042	0.604	PASS
GFSK	MCH	0.842	0.604	PASS
	HCH	0.984	0.604	PASS
	LCH	1.008	0.839	PASS
π/4DQPSK	MCH	1.292	0.839	PASS
	HCH	1.196	0.839	PASS
	LCH	1.038	0.850	PASS
8DPSK	MCH	1.158	0.850	PASS
	HCH	1.186	0.850	PASS









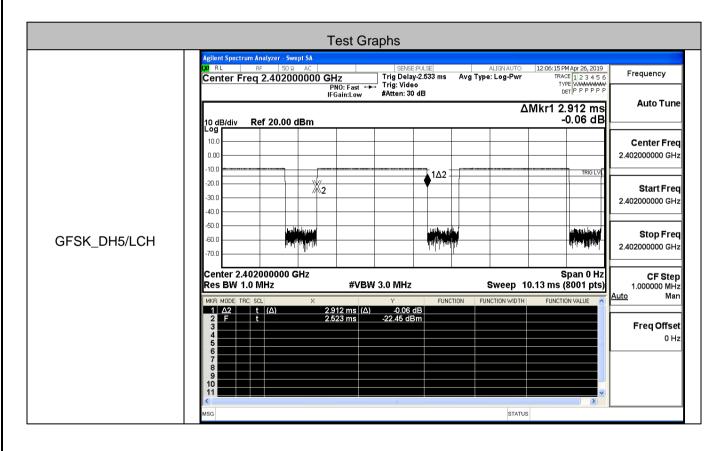


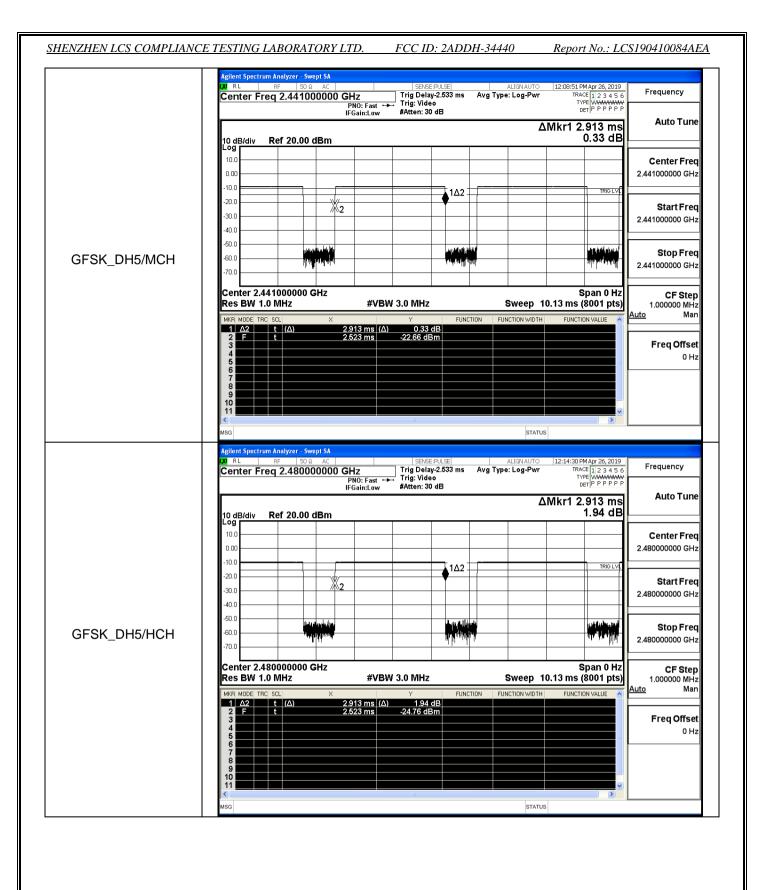
### A.4 Hopping Channel Number

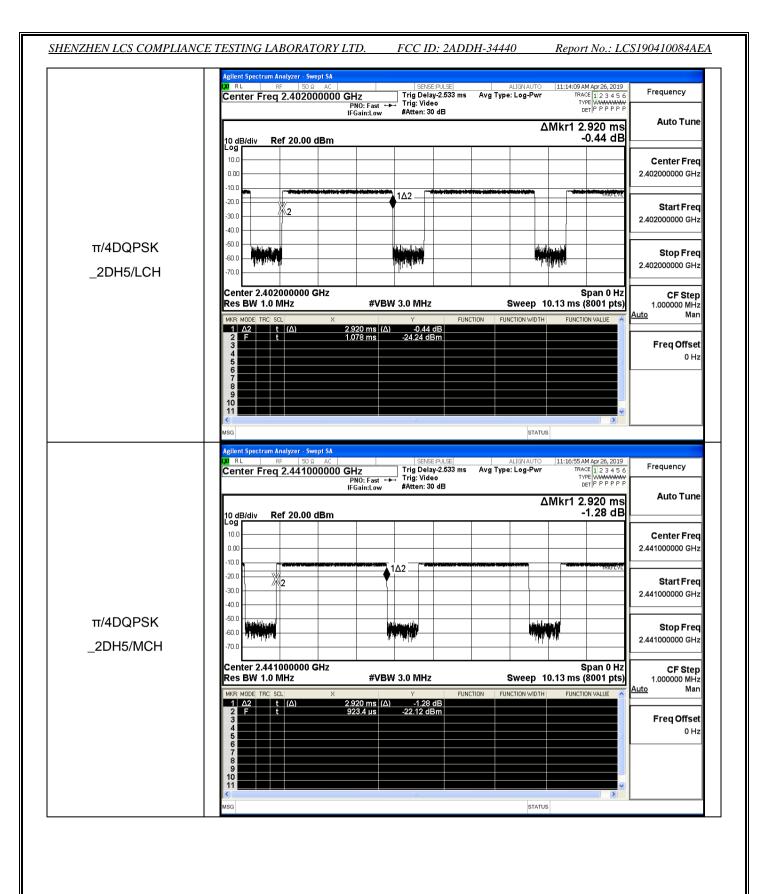
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

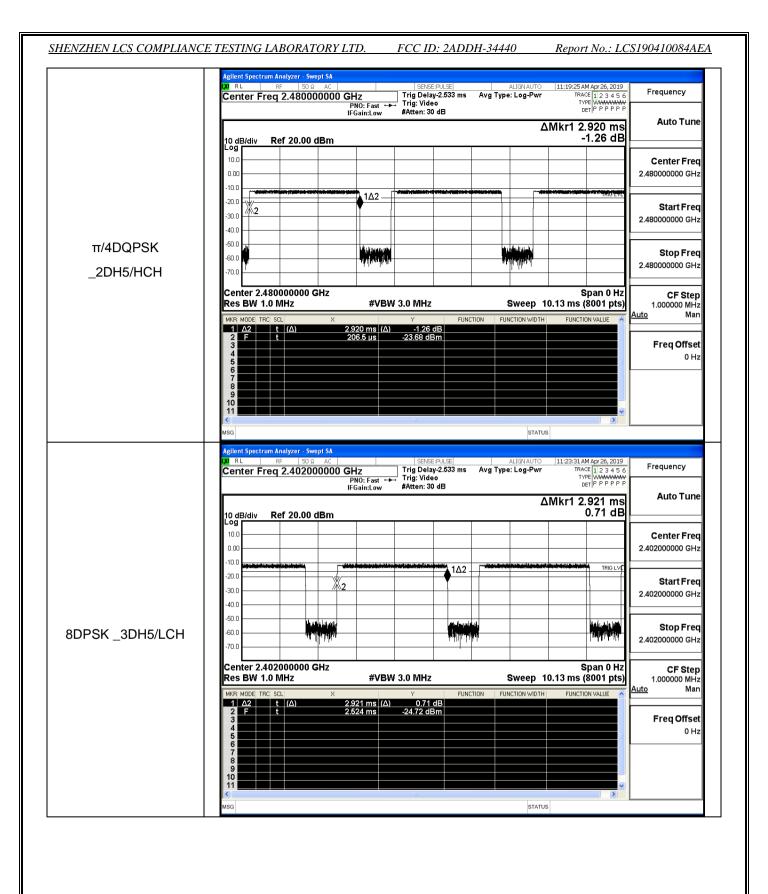
#### A.5 Dwell Time

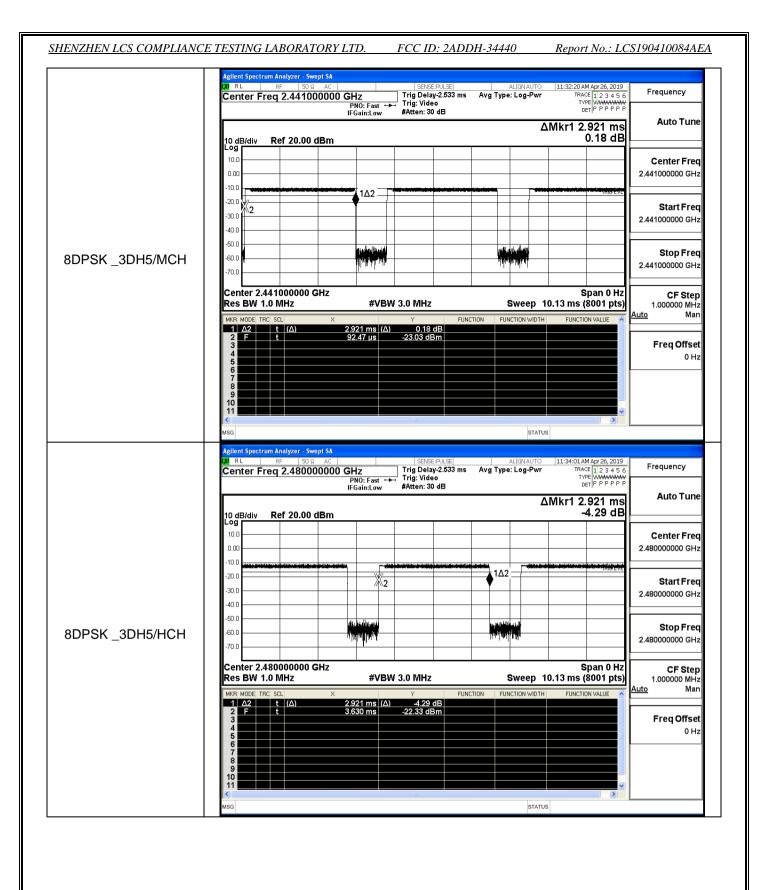
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.91	106.7	0.31	0.4	PASS
GFSK	DH5	MCH	2.91	106.7	0.31	0.4	PASS
	DH5	HCH	2.91	106.7	0.31	0.4	PASS
	2DH5	LCH	2.91	106.7	0.312	0.4	PASS
π/4DQPSK	2DH5	MCH	2.91	106.7	0.312	0.4	PASS
	2DH5	HCH	2.91	106.7	0.312	0.4	PASS
	3DH5	LCH	2.91	106.7	0.312	0.4	PASS
8DPSK	3DH5	MCH	2.91	106.7	0.312	0.4	PASS
	3DH5	HCH	2.91	106.7	0.312	0.4	PASS





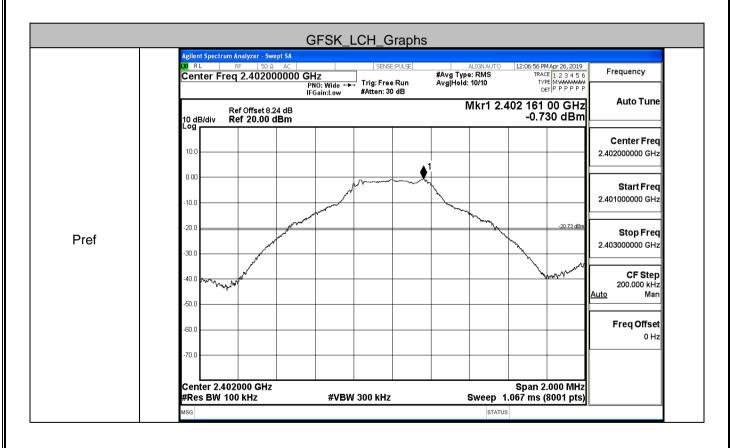






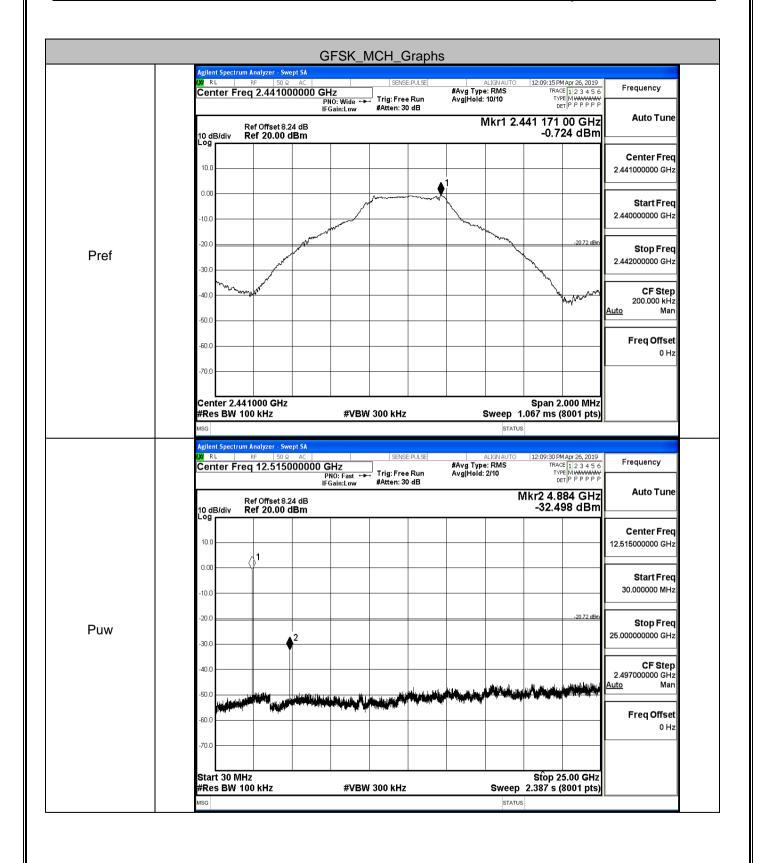
### A.6 RF Conducted Spurious Emissions

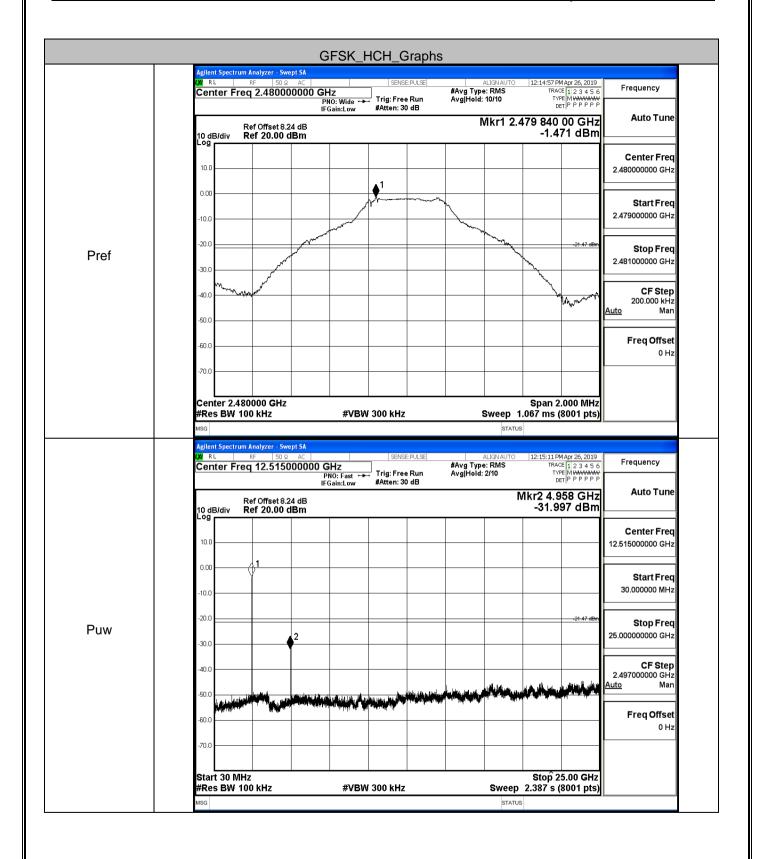
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-0.73	-37.464	-20.730	PASS
GFSK	MCH	-0.724	-32.498	-20.724	PASS
	HCH	-1.471	-31.997	-21.471	PASS
	LCH	-3.764	-41.604	-23.764	PASS
π/4DQPSK	MCH	-2.691	-42.439	-22.691	PASS
	НСН	-3.904	-28.375	-23.904	PASS
	LCH	-3.632	-43.864	-23.632	PASS
8DPSK	MCH	-2.637	-40.620	-22.637	PASS
	НСН	-3.749	-38.857	-23.749	PASS

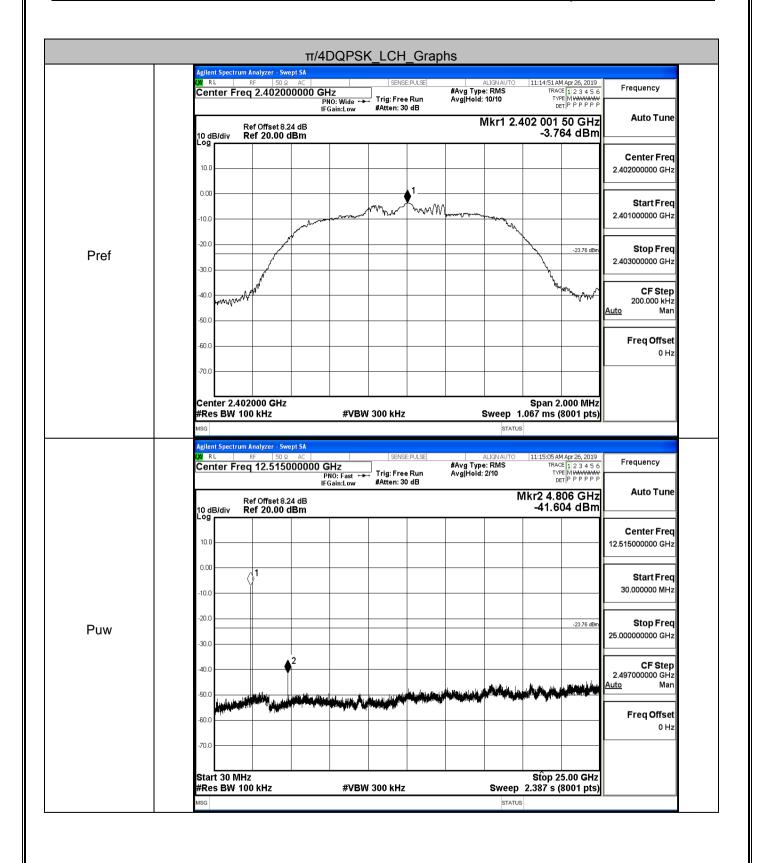


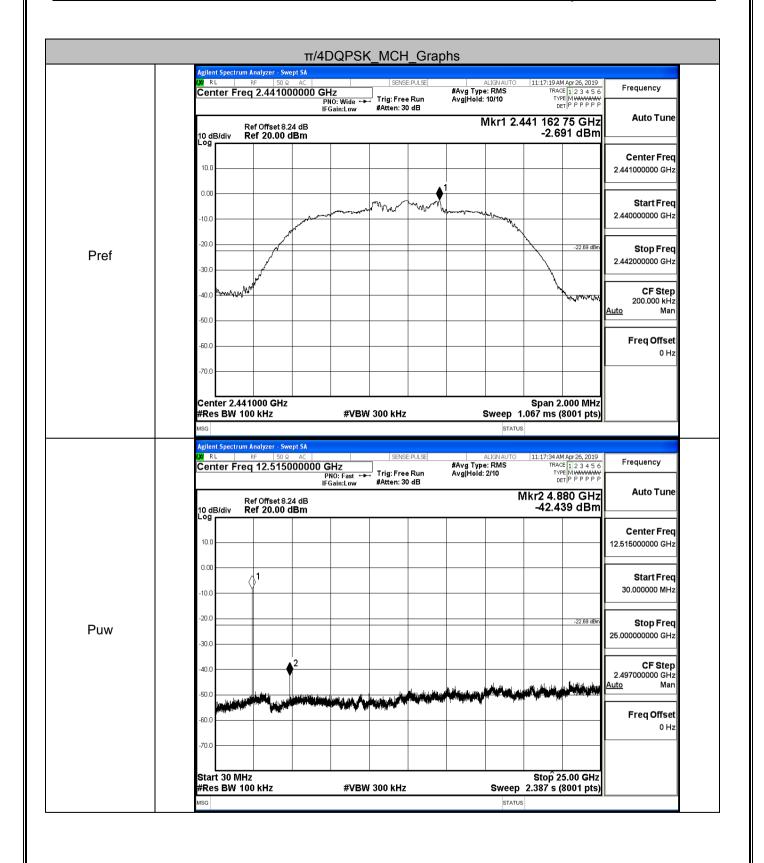
**#VBW** 300 kHz

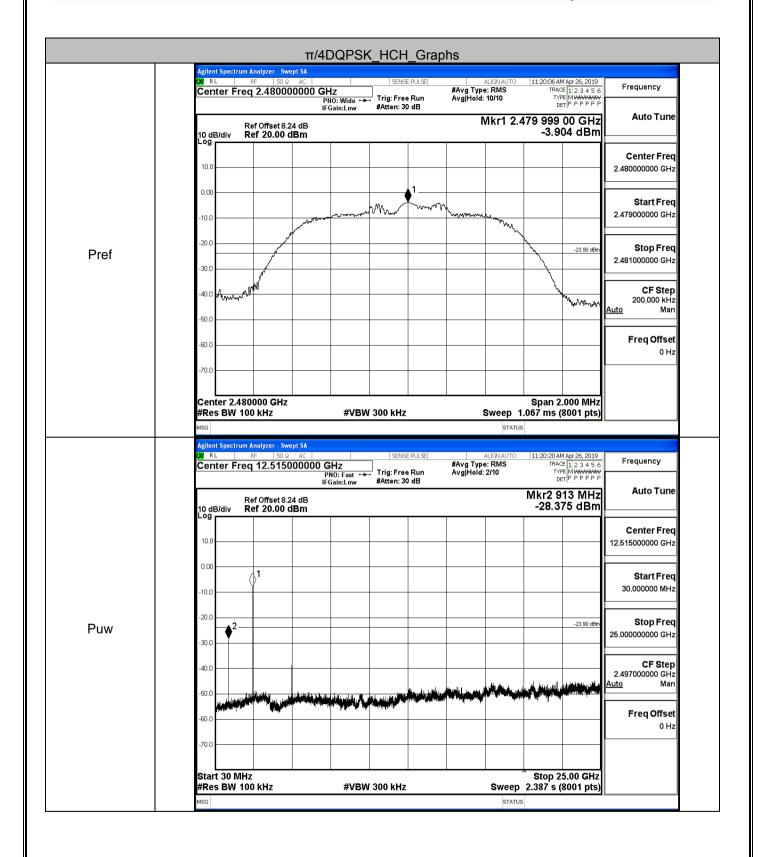
STATUS

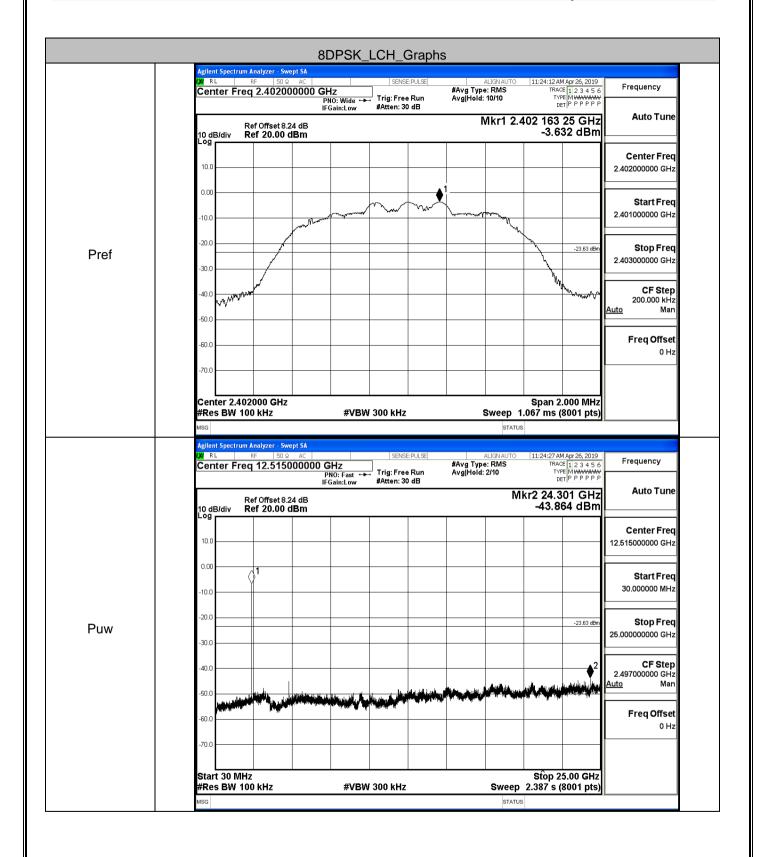


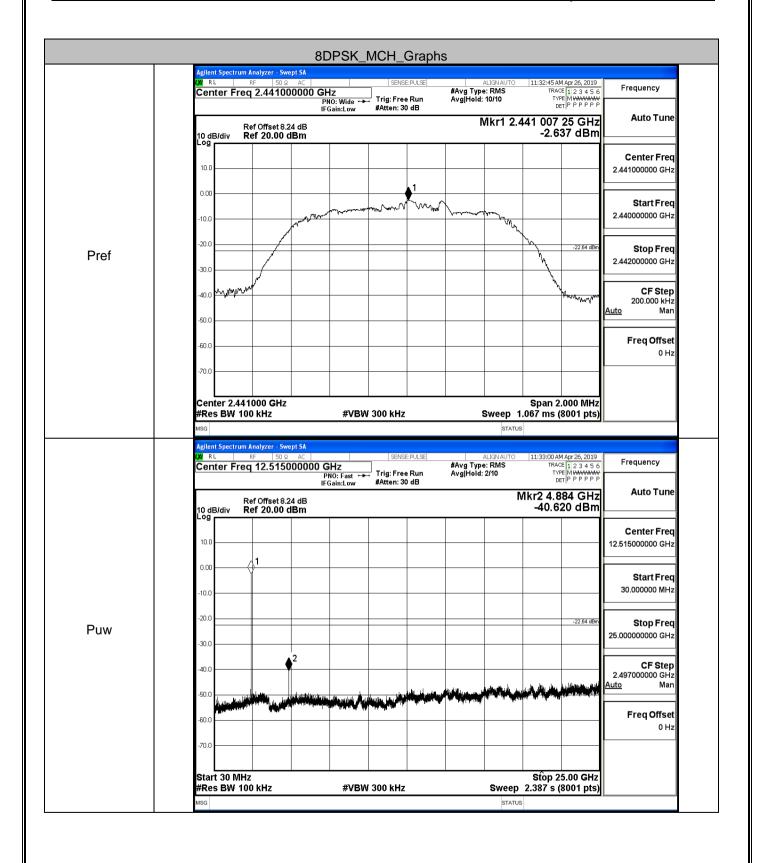


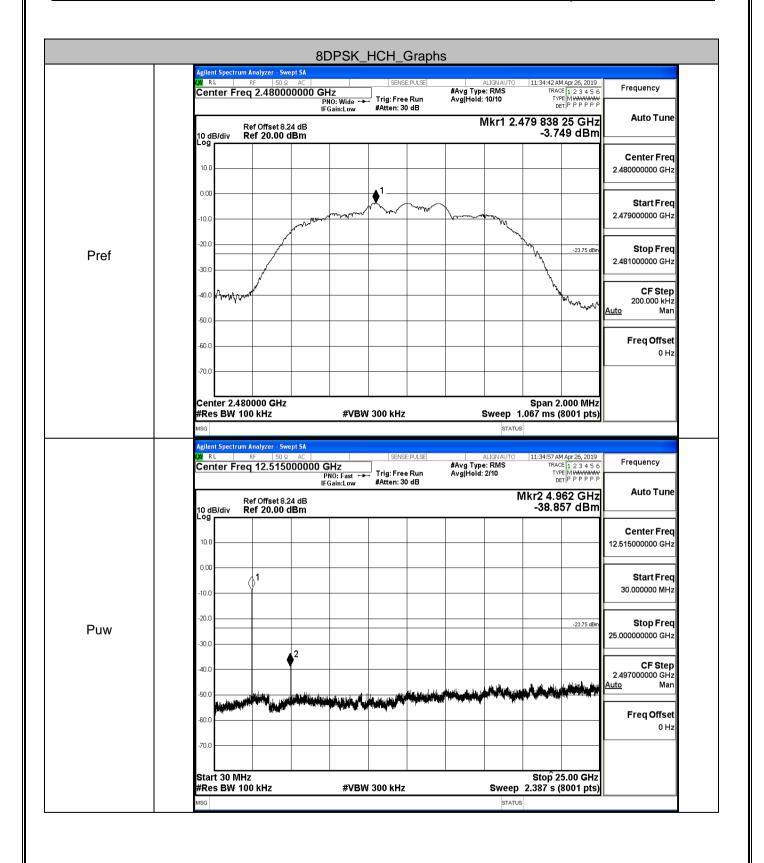






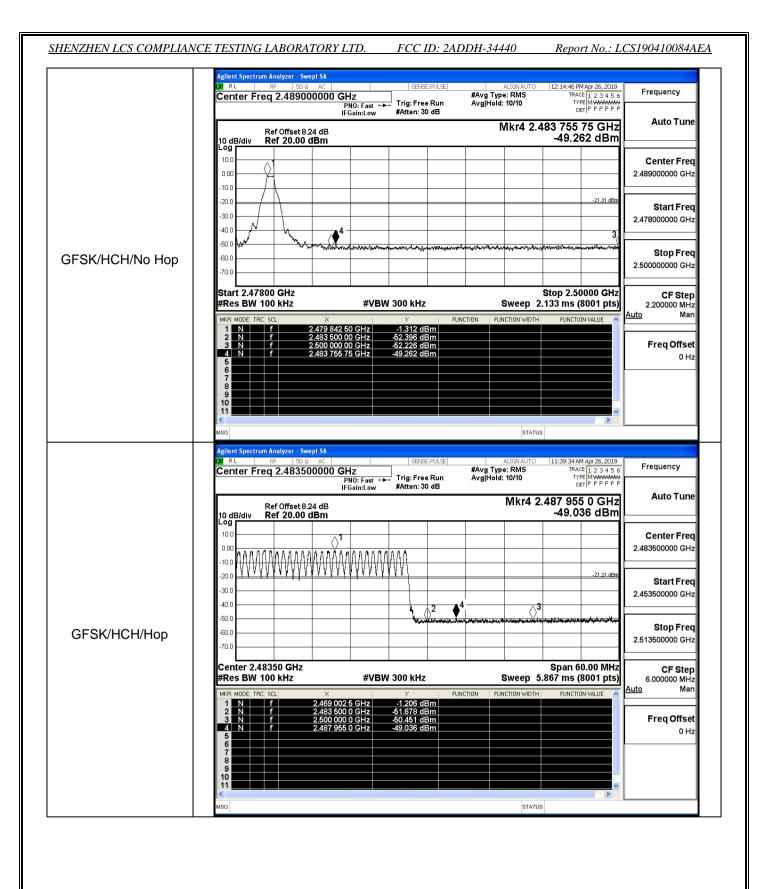


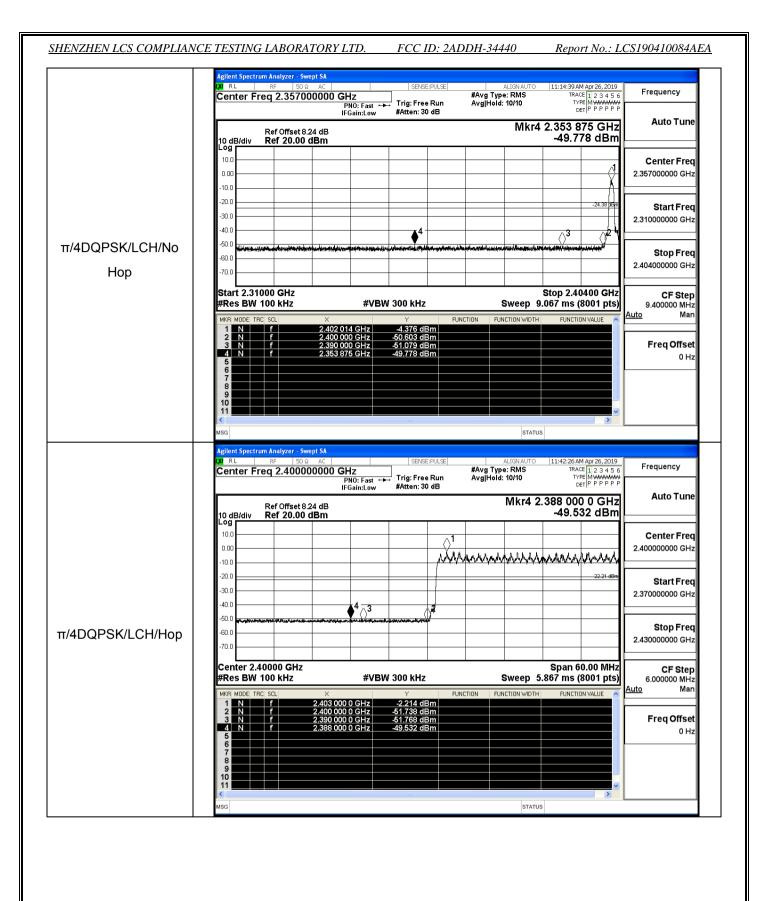


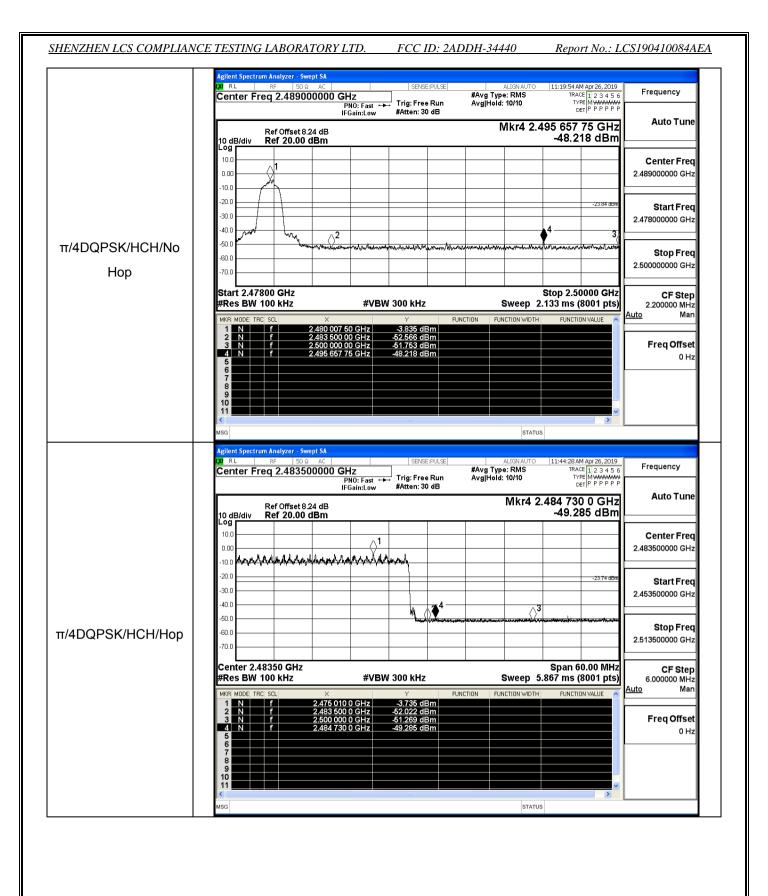


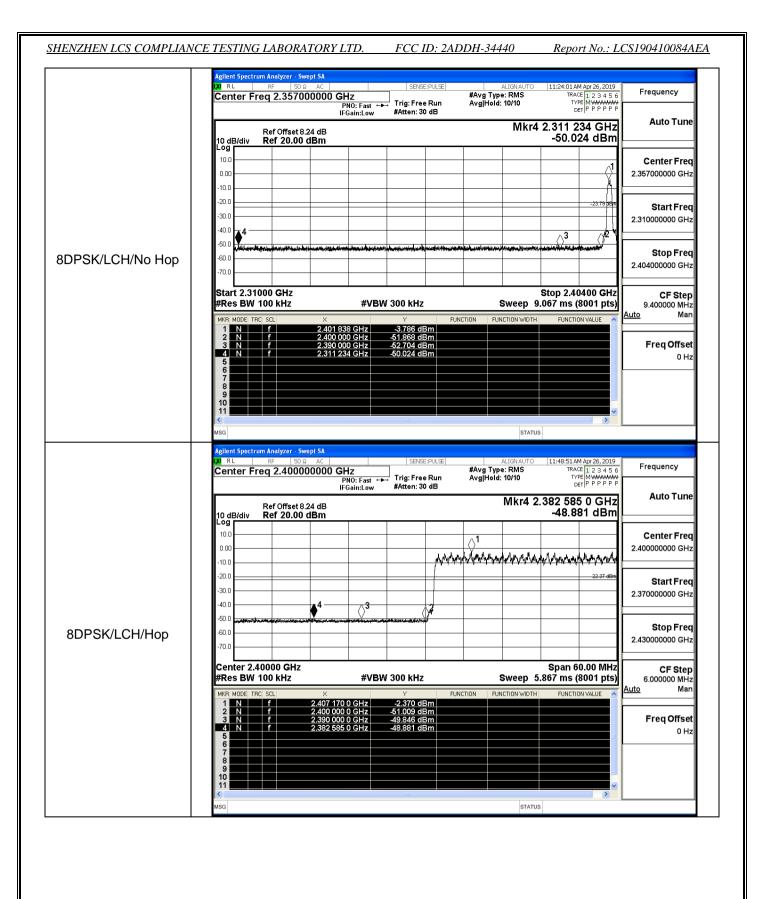
## A.7 Band-edge for RF Conducted Emissions

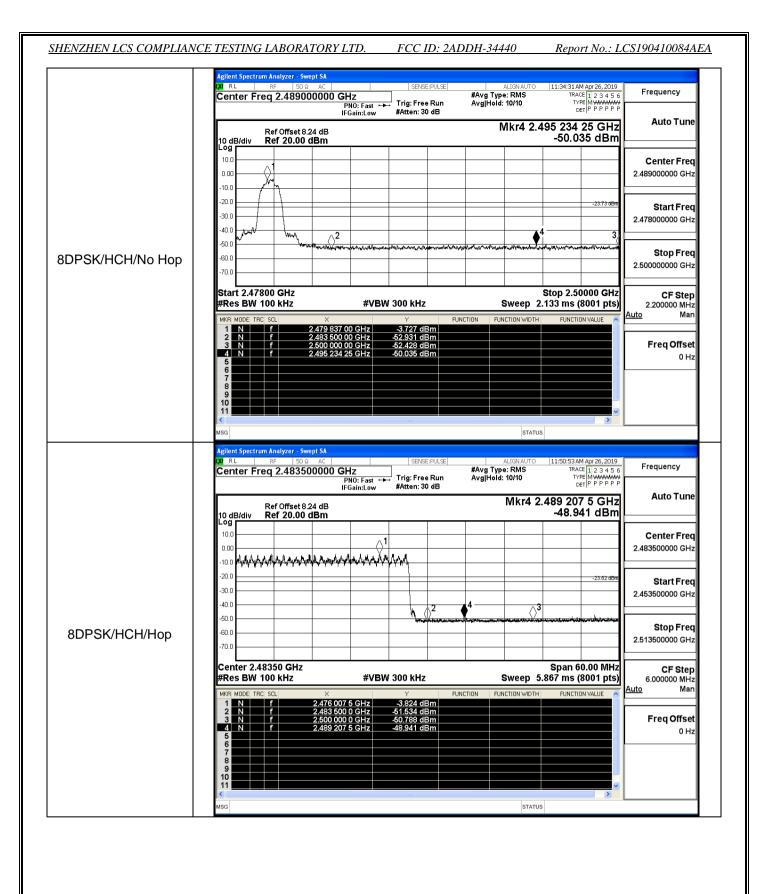
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
			-0.890	Off	-50.184	-20.89	PASS	
0.501/	LCH	2402	-0.075	On	-48.773	-20.08	PASS	
GFSK	НСН		-1.312	Off	-49.262	-21.31	PASS	
		2480	-1.206	On	-49.036	-21.21	PASS	
	LCH			-4.376	Off	-49.778	-24.38	PASS
		2402	-2.214	On	-49.532	-22.21	PASS	
π/4DQPSK	нсн		-3.835	Off	-48.218	-23.84	PASS	
		2480	-3.735	On	-49.285	-23.74	PASS	
		2402	-3.786	Off	-50.024	-23.79	PASS	
	LCH		-2.370	On	-48.881	-22.37	PASS	
8DPSK			-3.727	Off	-50.035	-23.73	PASS	
	HCH	2480	-3.824	On	-48.941	-23.82	PASS	







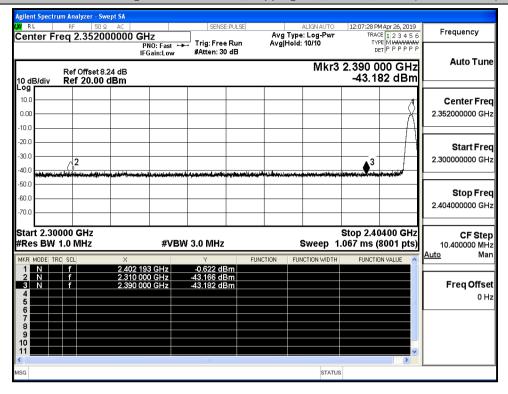




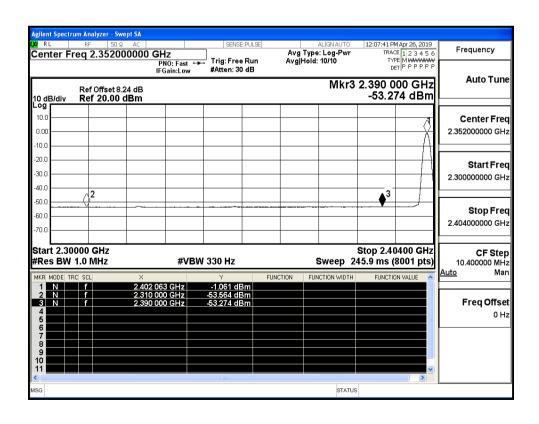
## A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.17	2.0	0	52.09	PEAK	74	PASS
	Off	2310.0	-53.56	2.0	0	41.69	AV	54	PASS
	Off	2390.0	-43.18	2.0	0	52.08	PEAK	74	PASS
	Off	2390.0	-53.27	2.0	0	41.98	AV	54	PASS
GFSK	Off	2483.5	-42.84	2.0	0	52.42	PEAK	74	PASS
	Off	2483.5	-52.75	2.0	0	42.50	AV	54	PASS
	Off	2500.0	-43.37	2.0	0	51.89	PEAK	74	PASS
	Off	2500.0	-52.94	2.0	0	42.31	AV	54	PASS
	Off	2310.0	-43.15	2.0	0	52.11	PEAK	74	PASS
	Off	2310.0	-53.58	2.0	0	41.68	AV	54	PASS
	Off	2390.0	-43.86	2.0	0	51.40	PEAK	74	PASS
400004	Off	2390.0	-53.34	2.0	0	41.91	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.67	2.0	0	52.59	PEAK	74	PASS
	Off	2483.5	-52.86	2.0	0	42.40	AV	54	PASS
	Off	2500.0	-43.06	2.0	0	52.20	PEAK	74	PASS
	Off	2500.0	-52.92	2.0	0	42.34	AV	54	PASS
	Off	2310.0	-42.50	2.0	0	52.76	PEAK	74	PASS
	Off	2310.0	-53.41	2.0	0	41.85	AV	54	PASS
	Off	2390.0	-43.96	2.0	0	51.30	PEAK	74	PASS
	Off	2390.0	-53.15	2.0	0	42.11	AV	54	PASS
8DPSK	Off	2483.5	-42.43	2.0	0	52.83	PEAK	74	PASS
	Off	2483.5	-52.85	2.0	0	42.41	AV	54	PASS
	Off	2500.0	-42.68	2.0	0	52.58	PEAK	74	PASS
	Off	2500.0	-52.84	2.0	0	42.42	AV	54	PASS

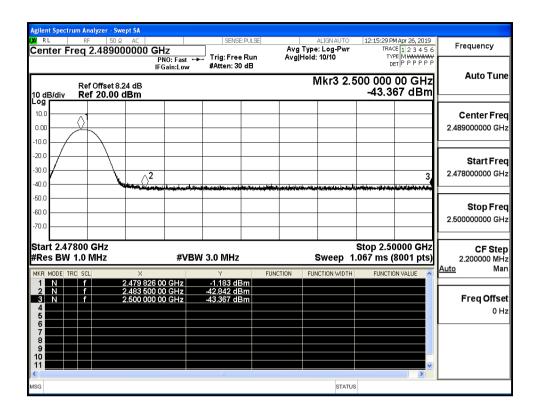
#### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (Low Channel)



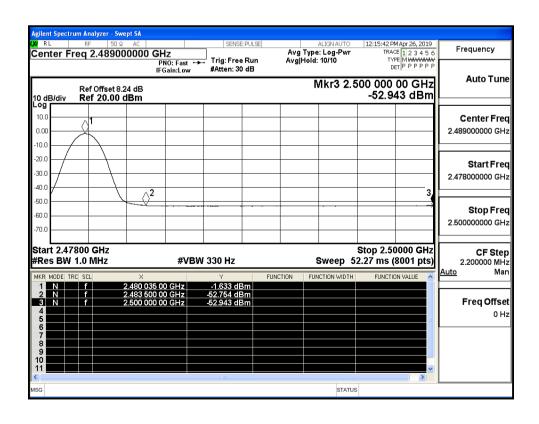
#### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (Low Channel)



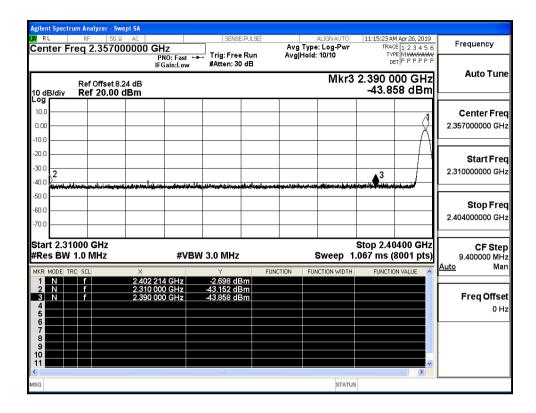
#### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



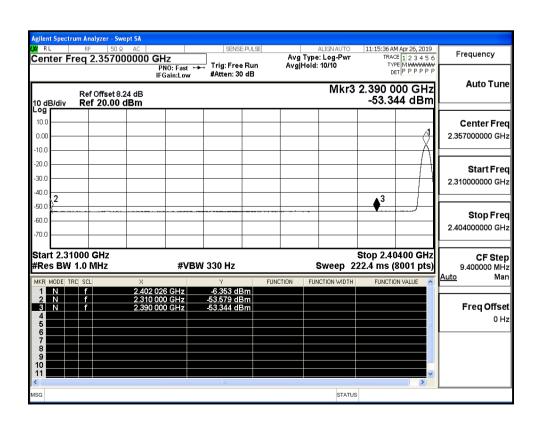
#### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



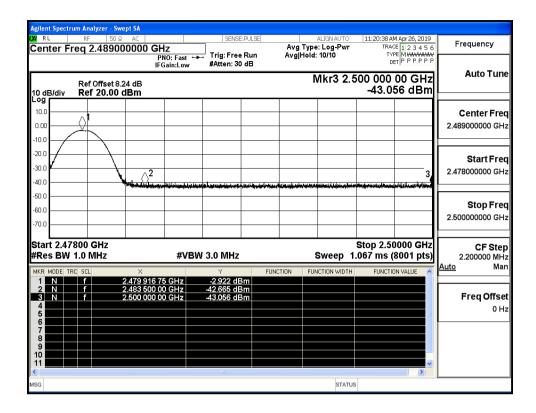
#### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



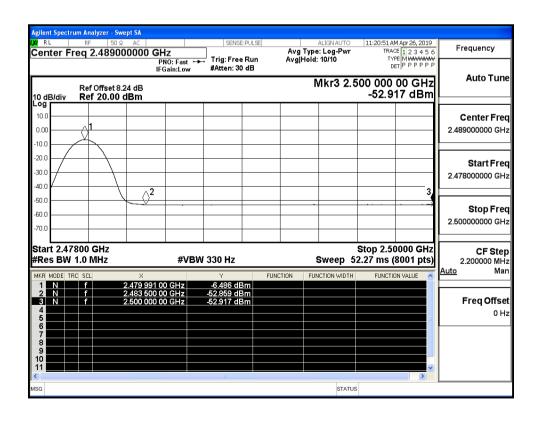
#### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



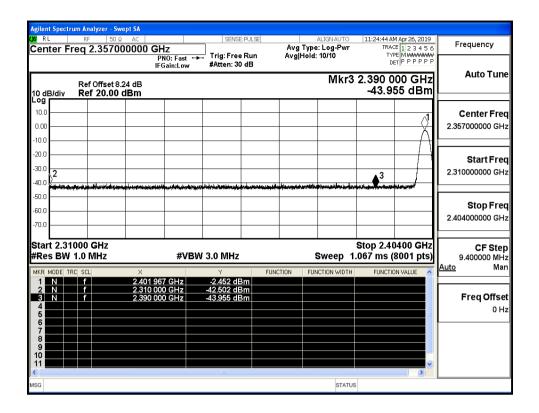
#### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



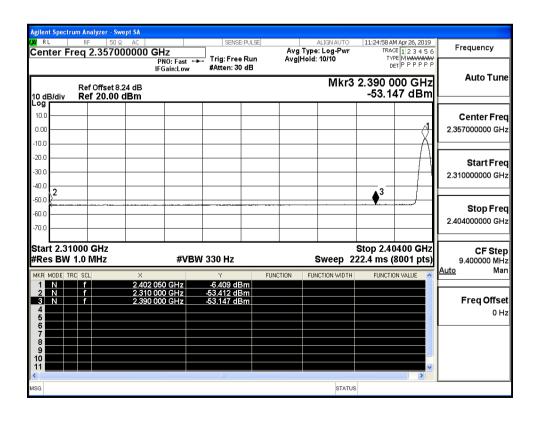
#### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



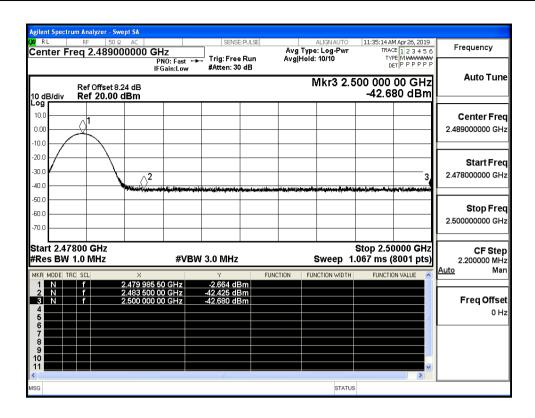
#### Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



#### 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)

