Appendix A

RF Test Data for BT V4.0(BDR/EDR) (Conducted Measurement)

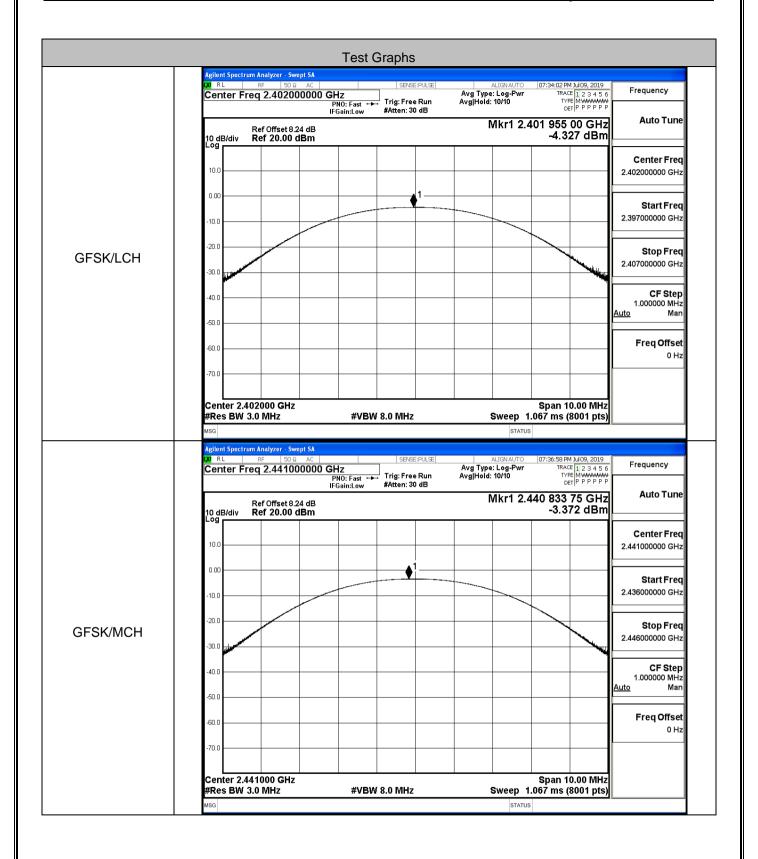
Product Name: Tablet PC
Trade Mark: FUSION5
Test Model: FWIN232 Plus

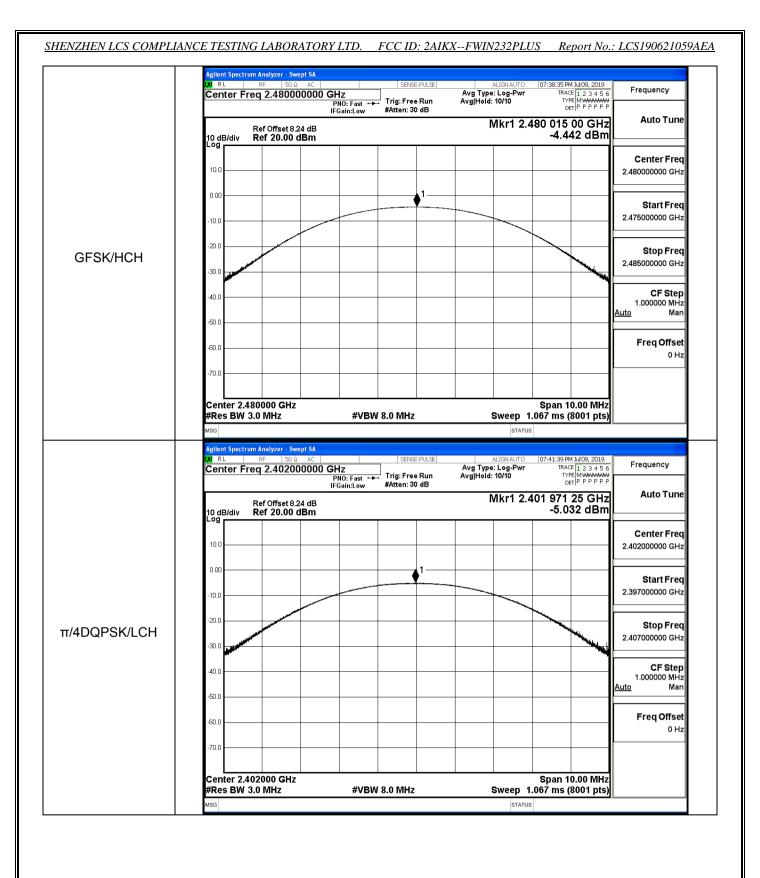
Environmental Conditions

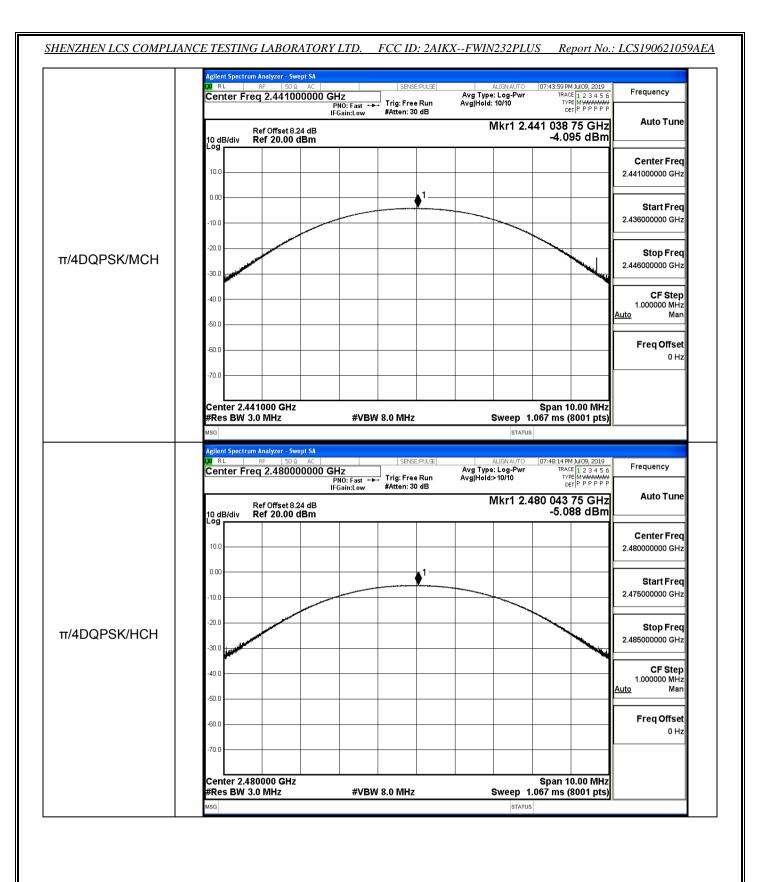
Temperature:	24.6°C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Wang.Chuang

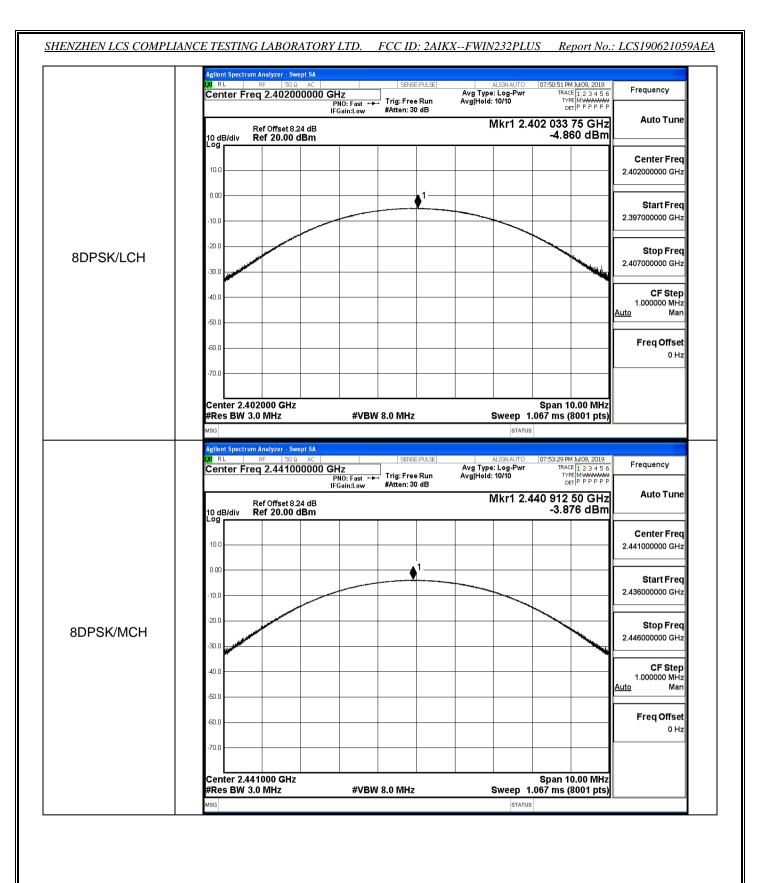
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-4.327	30	PASS
GFSK	MCH	-3.372	30	PASS
	НСН	-4.442	30	PASS
	LCH	-5.032	21	PASS
π/4DQPSK	MCH	-4.095	21	PASS
	НСН	-5.088	21	PASS
	LCH	-4.860	21	PASS
8DPSK	MCH	-3.876	21	PASS
	HCH	-4.961	21	PASS









SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX--FWIN232PLUS Report No.: LCS190621059AEA Agilent Spectrum Analyzer - Swept SA TO 07:55:03 PM Jul 09, 2019 WY TRACE 1 2 3 4 5 6 TYPE MWWWWWWWW DET P P P P P P SENSE:PULSE Avg Type: Log-Pwr Avg|Hold: 10/10 Frequency Mkr1 2.479 728 75 GHz -4.961 dBm Auto Tune Ref Offset 8.24 dB Ref 20.00 dBm 10 dB/div Log Center Freq 10.0 2.480000000 GHz 0.00 Start Freq 2.475000000 GHz -10.0 -20.0 Stop Freq 8DPSK/HCH 2.485000000 GHz CF Step 1.000000 MHz Man -40.0 <u>Auto</u> -50.0 Freq Offset -60.0 0 Hz

#VBW 8.0 MHz

Span 10.00 MHz Sweep 1.067 ms (8001 pts)

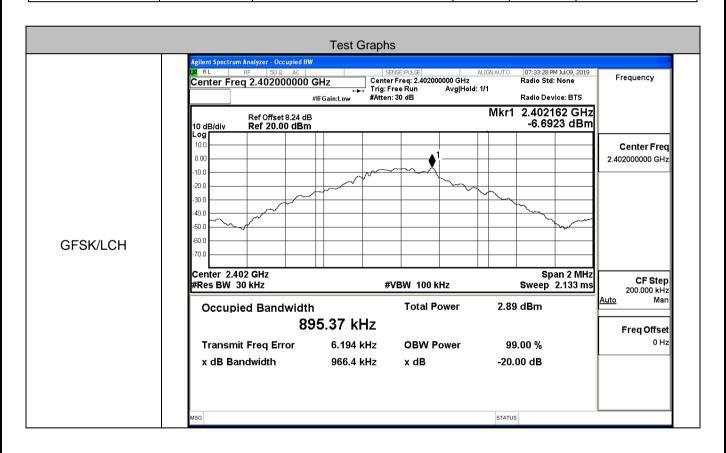
STATUS

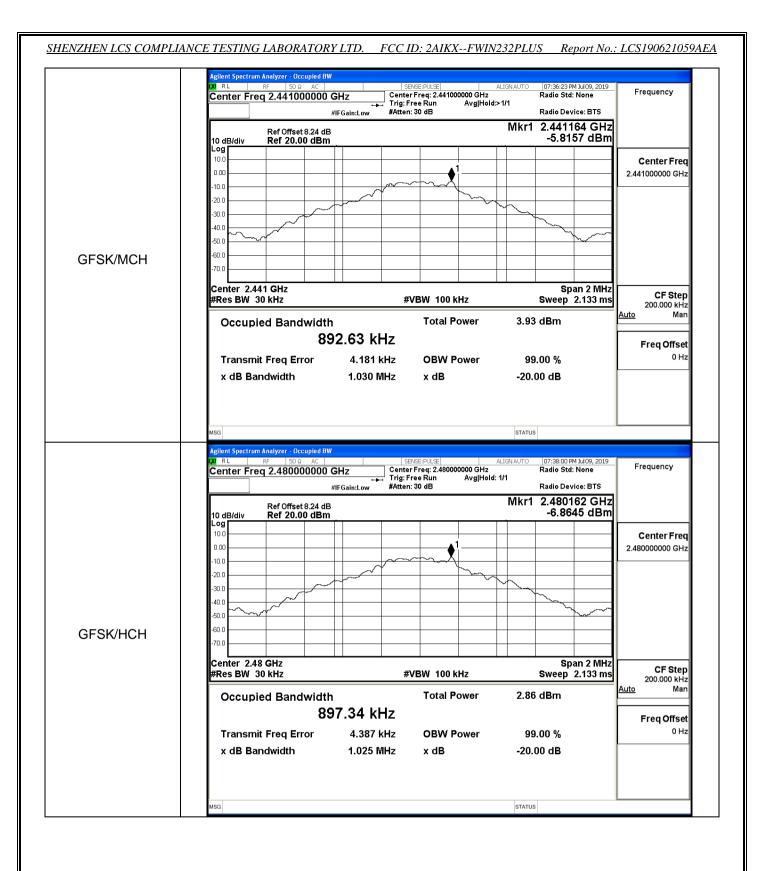
-70.0

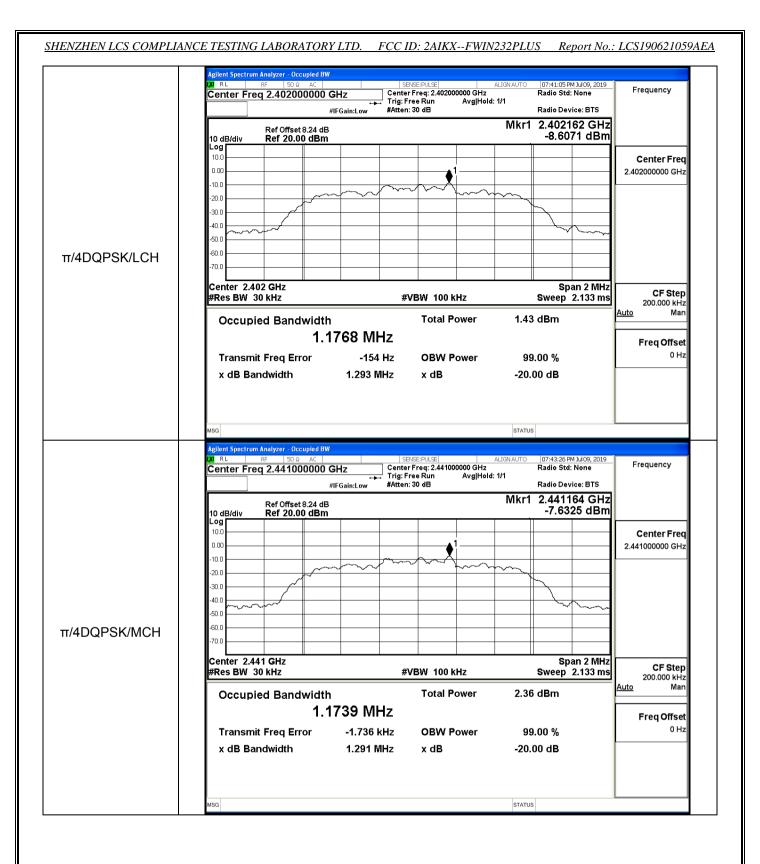
Center 2.480000 GHz #Res BW 3.0 MHz

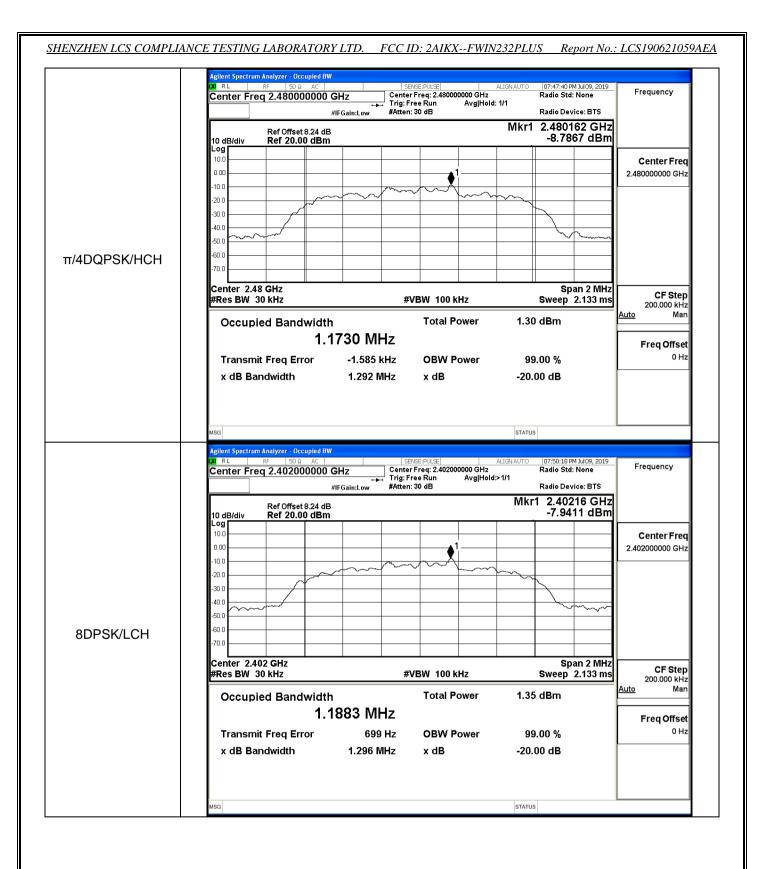
A.2 20dB Bandwidth

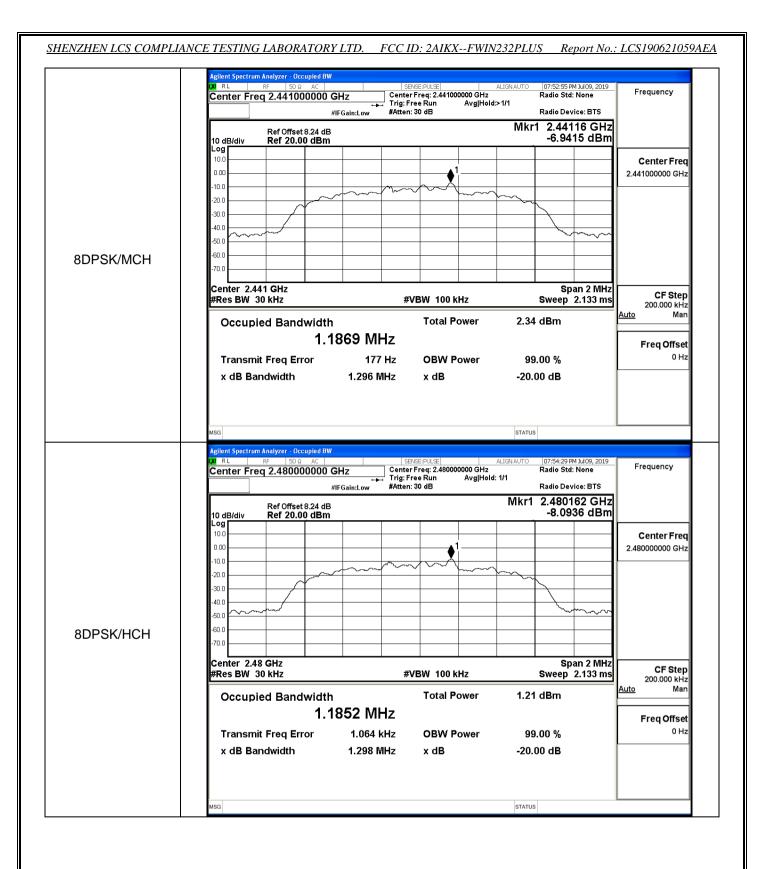
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9664	Not Specified	PASS
GFSK	MCH	1.030	Not Specified	PASS
	НСН	1.025	Not Specified	PASS
	LCH	1.293	Not Specified	PASS
π/4DQPSK	MCH	1.291	Not Specified	PASS
	HCH	1.292	Not Specified	PASS
	LCH	1.296	Not Specified	PASS
8DPSK	MCH	1.296	Not Specified	PASS
	НСН	1.298	Not Specified	PASS





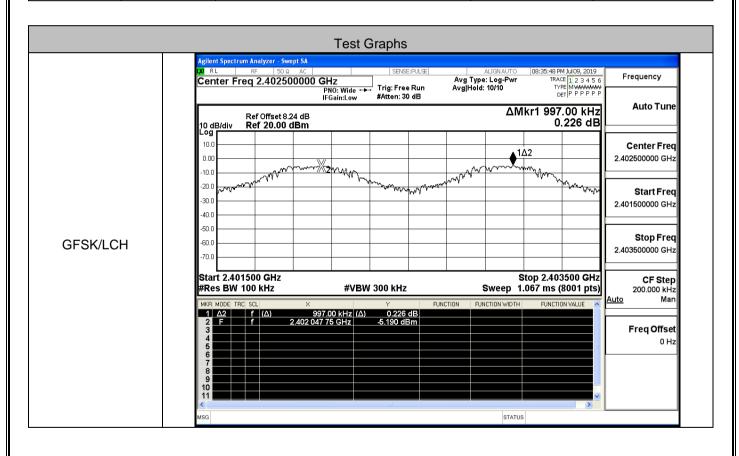


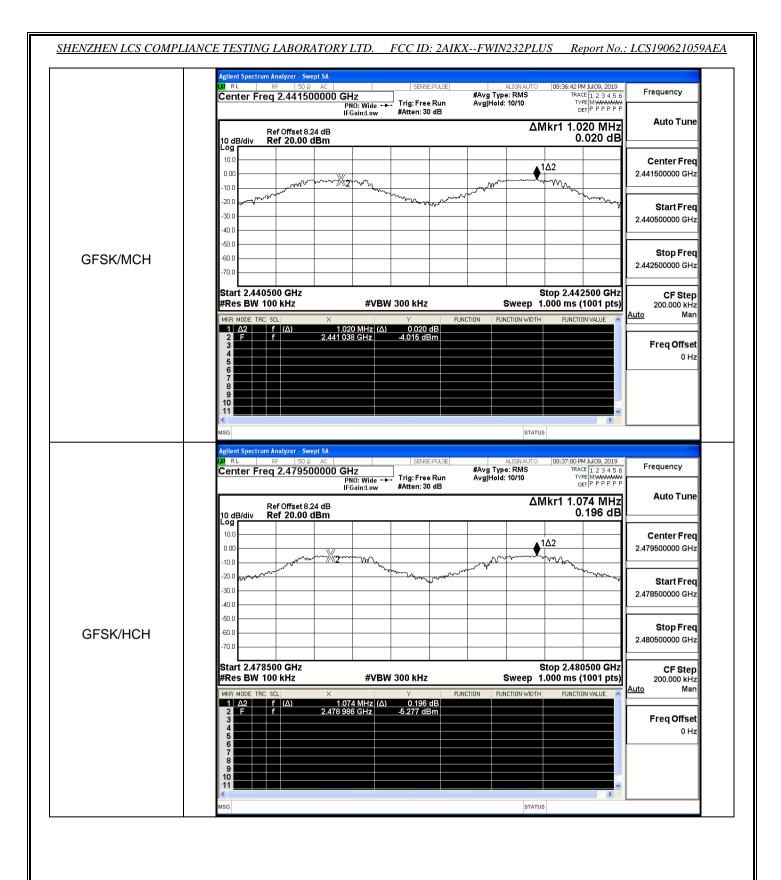


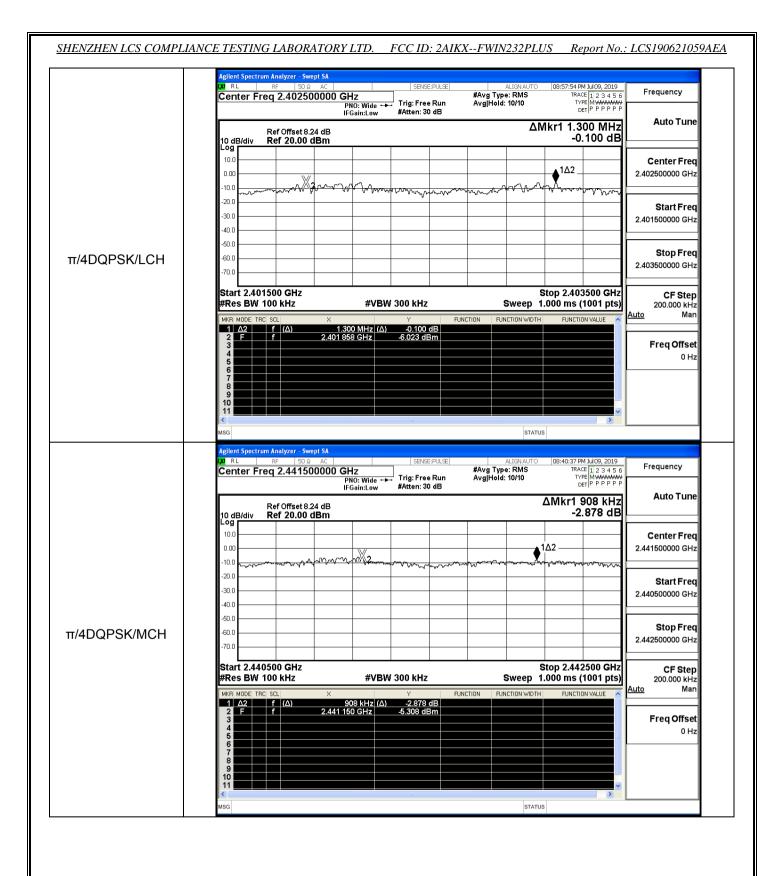


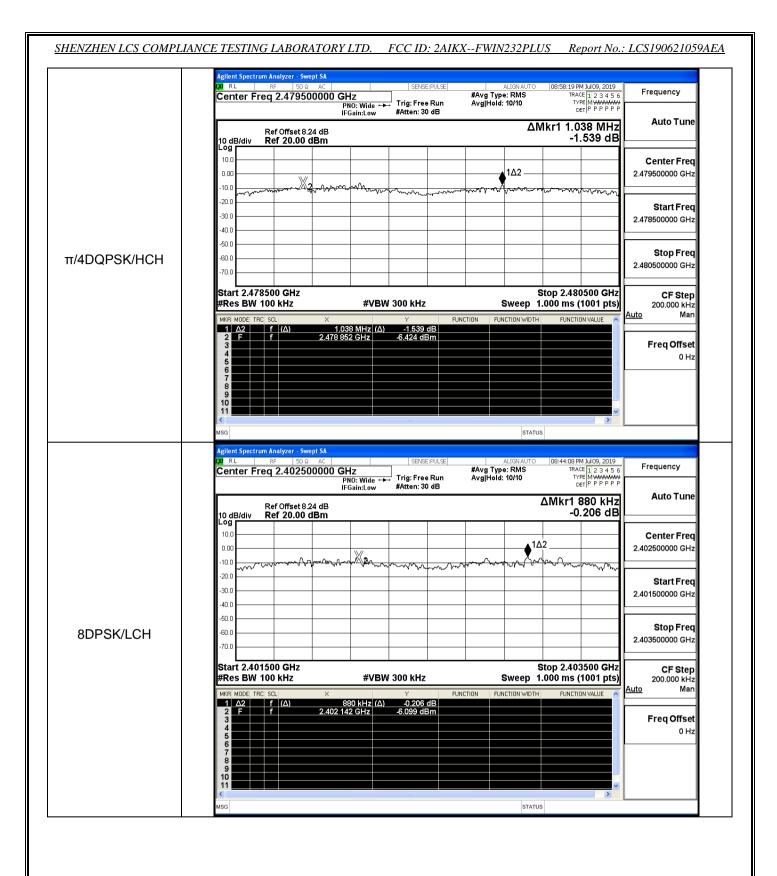
A.3 Carrier Frequency Separation

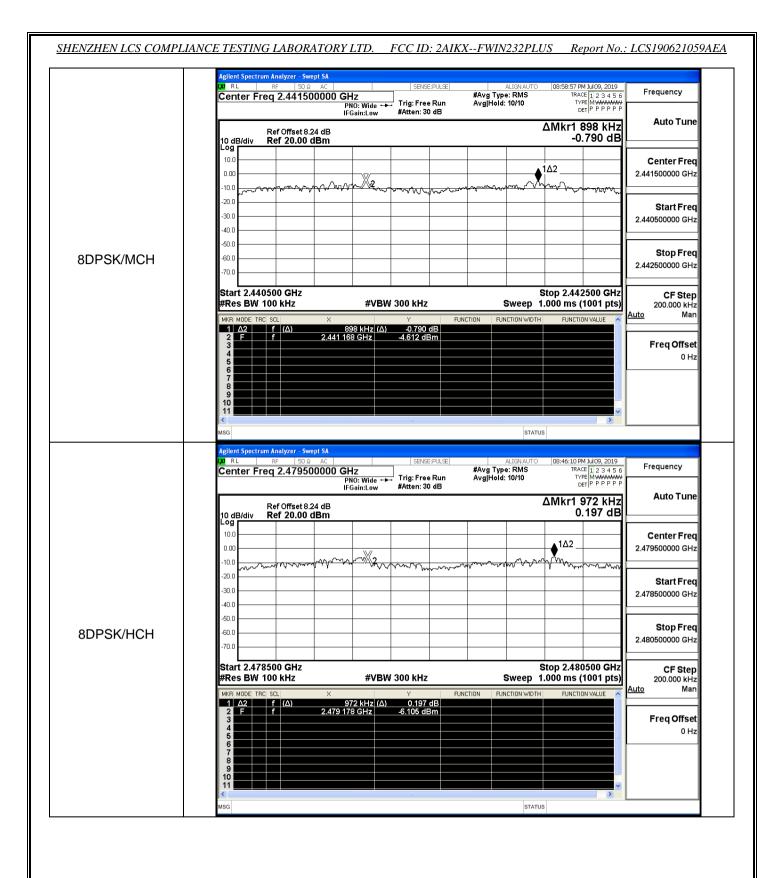
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.997	0.687	PASS
GFSK	MCH	1.020	0.687	PASS
	HCH	1.074	0.687	PASS
	LCH	1.300	0.862	PASS
π/4DQPSK	MCH	0.908	0.862	PASS
	HCH	1.038	0.862	PASS
	LCH	0.880	0.865	PASS
8DPSK	MCH	0.898	0.865	PASS
	HCH	0.972	0.865	PASS





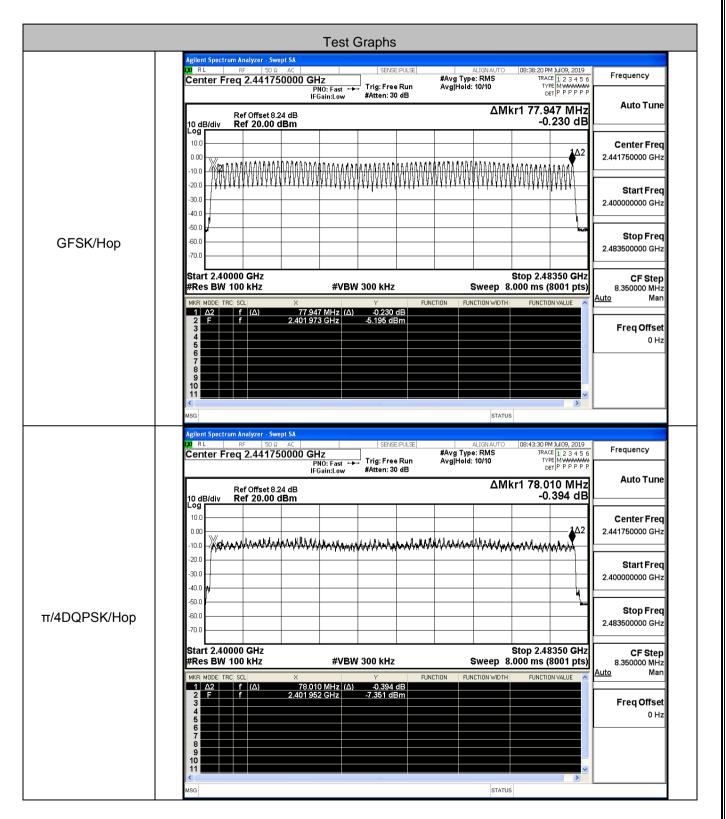


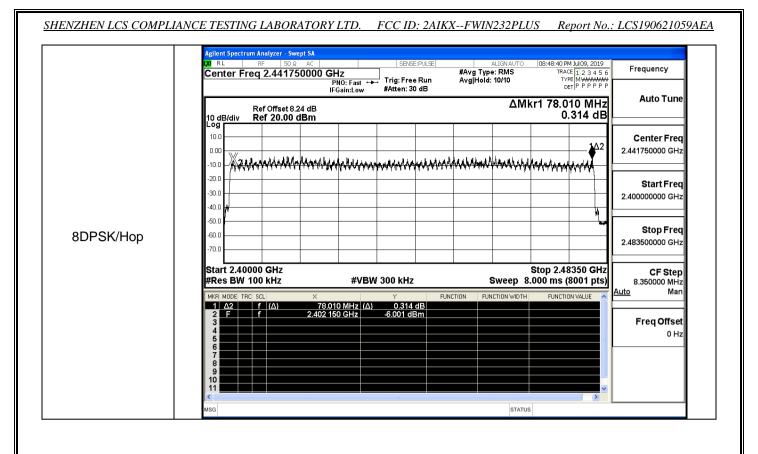




A.4 Hopping Channel Number

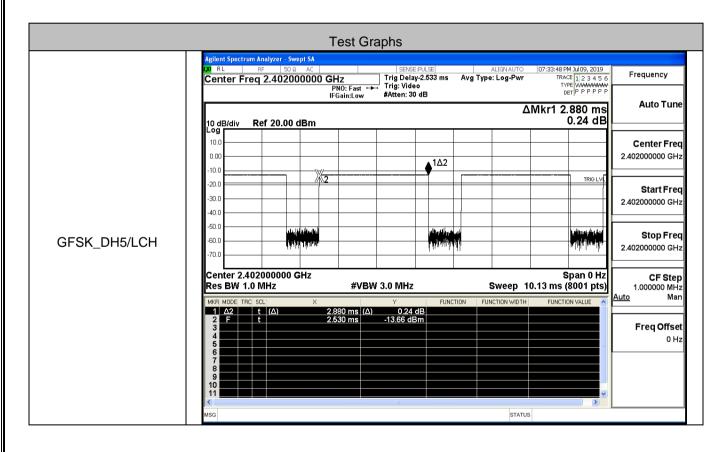
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

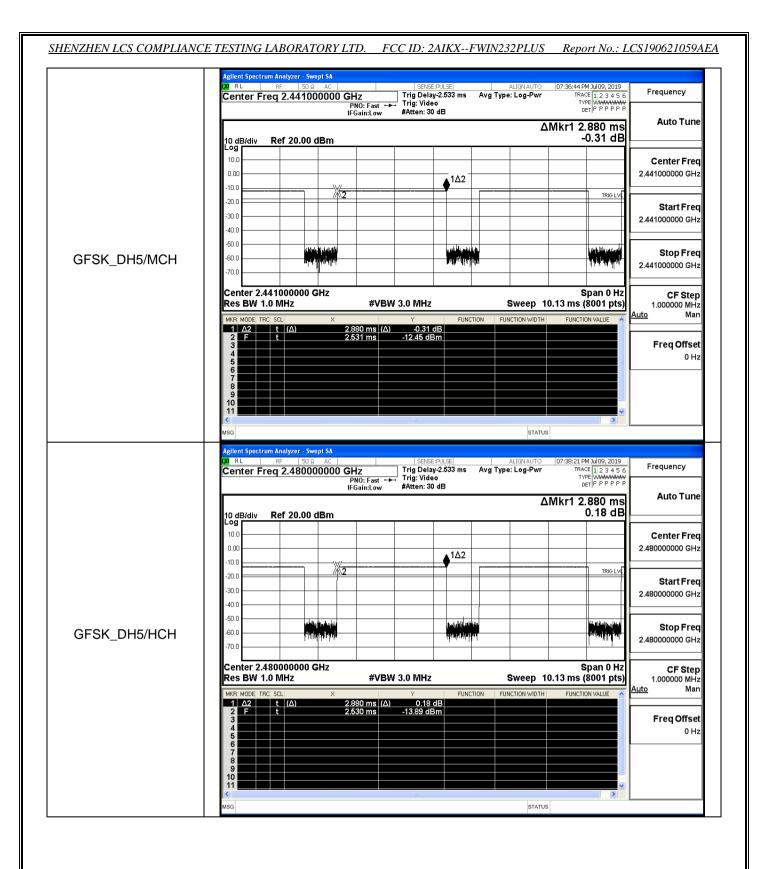


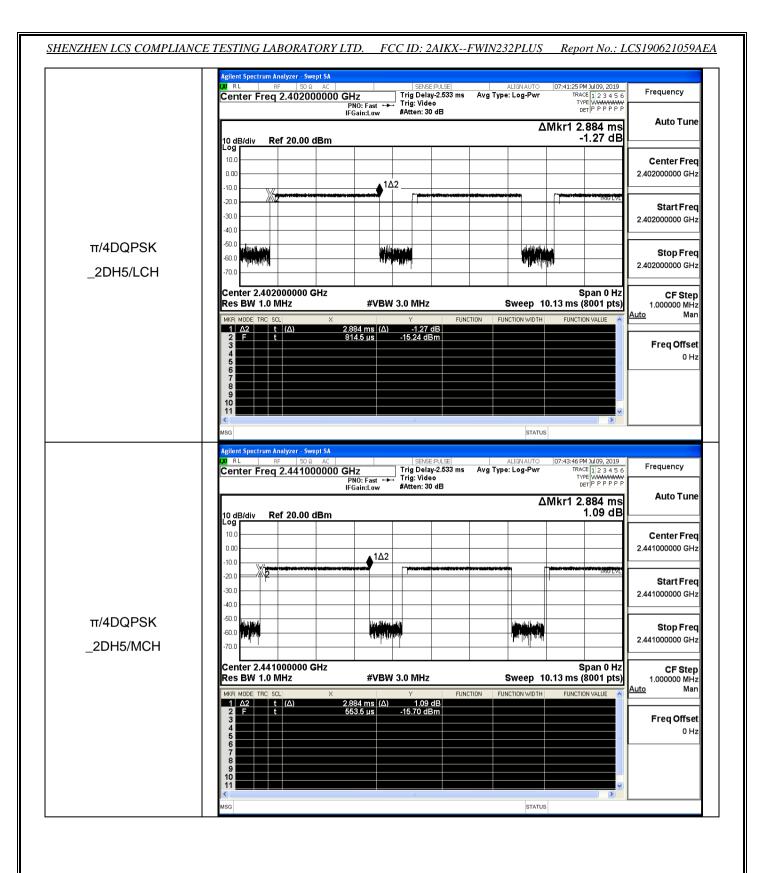


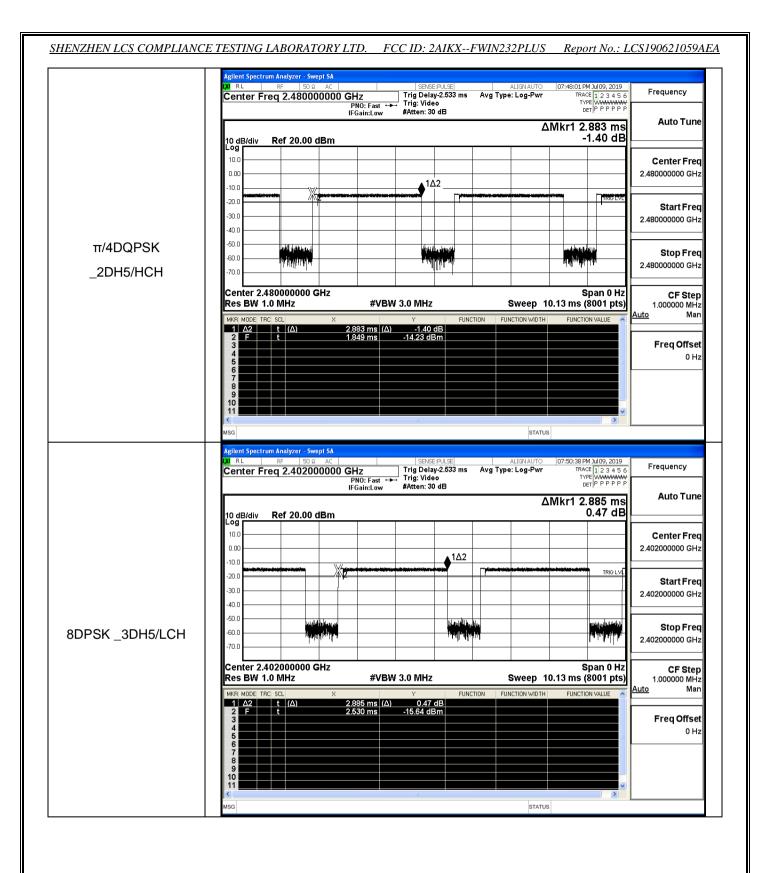
A.5 Dwell Time

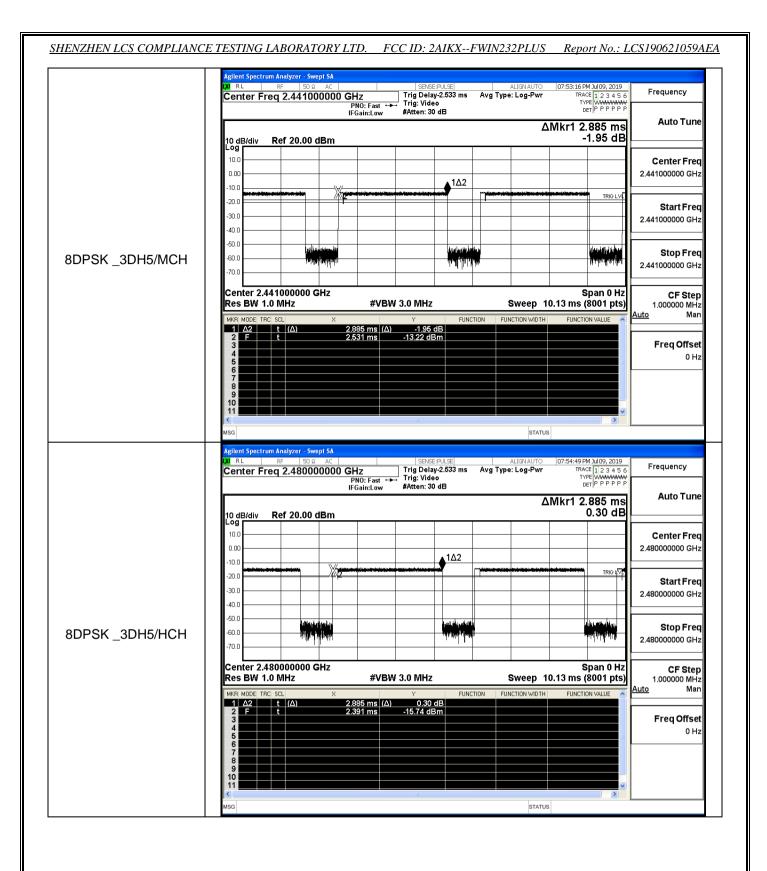
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7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





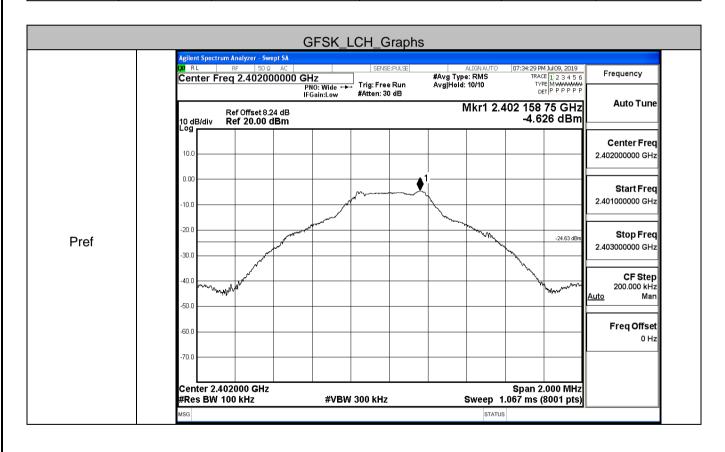






A.6 RF Conducted Spurious Emissions

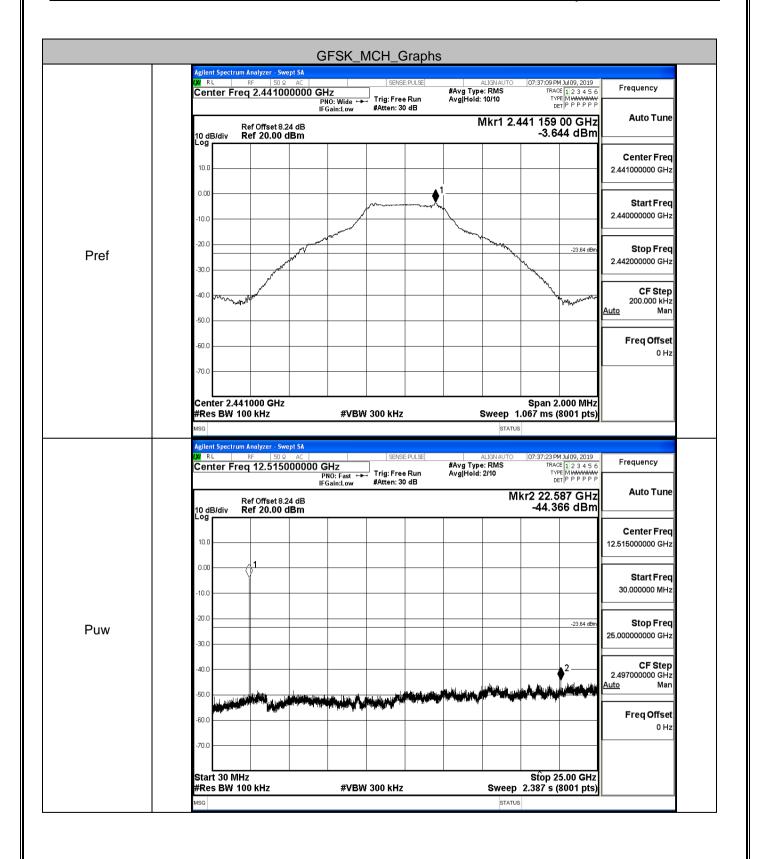
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-4.626	-44.441	-24.626	PASS
GFSK	MCH	-3.644	-44.366	-23.644	PASS
	HCH	-4.874	-44.401	-24.874	PASS
	LCH	-5.894	-44.605	-25.894	PASS
π/4DQPSK	MCH	-4.929	-44.557	-24.929	PASS
	НСН	-5.91	-45.147	-25.910	PASS
	LCH	-5.86	-44.769	-25.860	PASS
8DPSK	MCH	-5.16	-44.436	-25.160	PASS
	НСН	-5.981	-44.402	-25.981	PASS

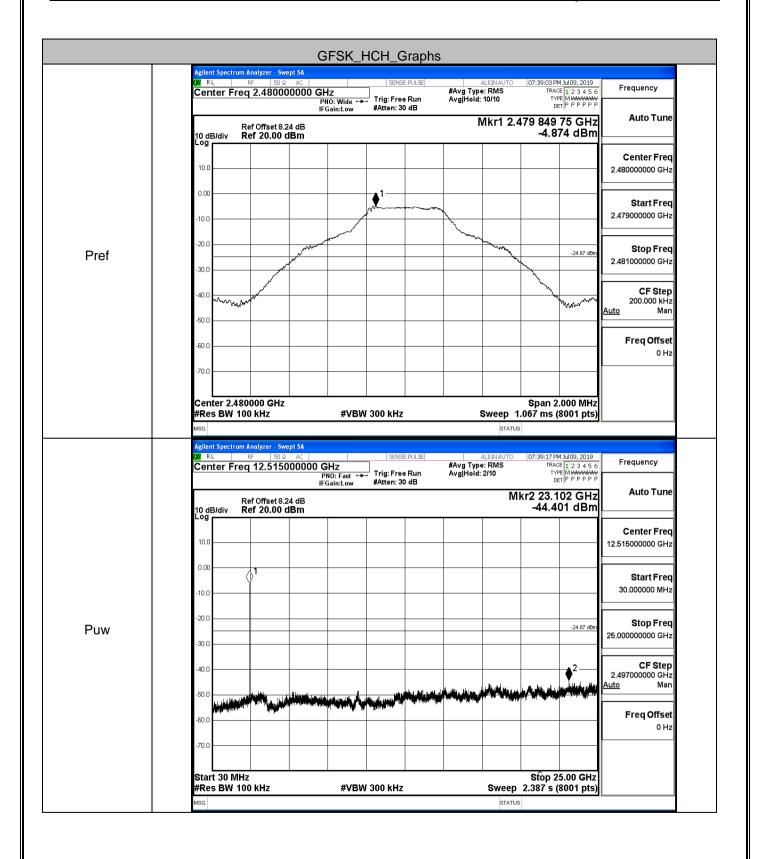


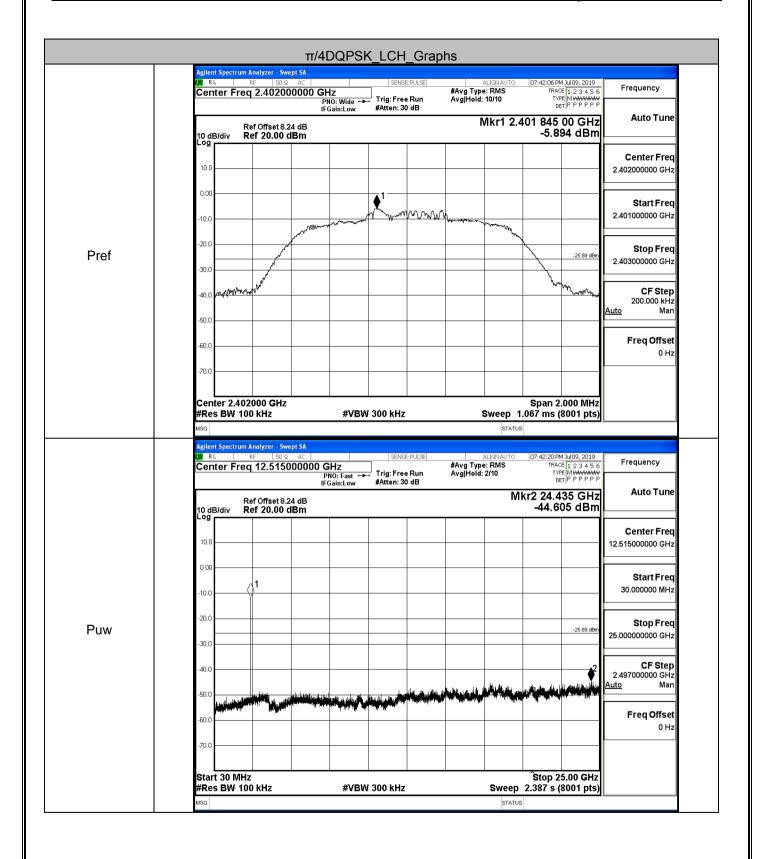
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX--FWIN232PLUS Report No.: LCS190621059AEA Agilent Spectrum Analyzer - Swept SA Agilish Spiss Lune RF | 50 Q AC | Center Freq 12.515000000 GHz PNO: Fast ---- IFGain:Low #Atten: 30 dB 07:34:43 PM Jul 09, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P #Avg Type: RMS Avg|Hold: 2/10 SENSE:PULSE Frequency Mkr2 1.728 GHz -44.441 dBm Auto Tune Ref Offset 8.24 dB Ref 20.00 dBm 10 dB/div Log Center Freq 10.0 12.515000000 GHz 0.00 Start Freq 30.000000 MHz -10.0 -20.0 Stop Freq Puw -24.63 dBi 25.000000000 GHz -30.0 **CF Step** 2.497000000 GHz <u>Auto</u> Man -40.0 Auto -50.0 Freq Offset -60.0 0 Hz -70.0 Start 30 MHz #Res BW 100 kHz Stop 25.00 GHz Sweep 2.387 s (8001 pts)

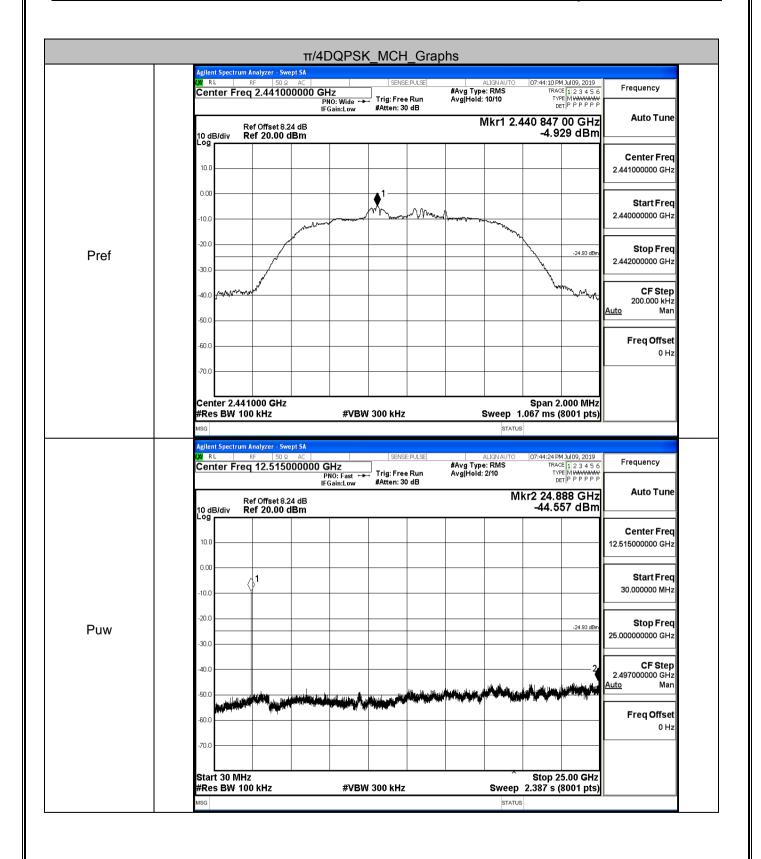
#VBW 300 kHz

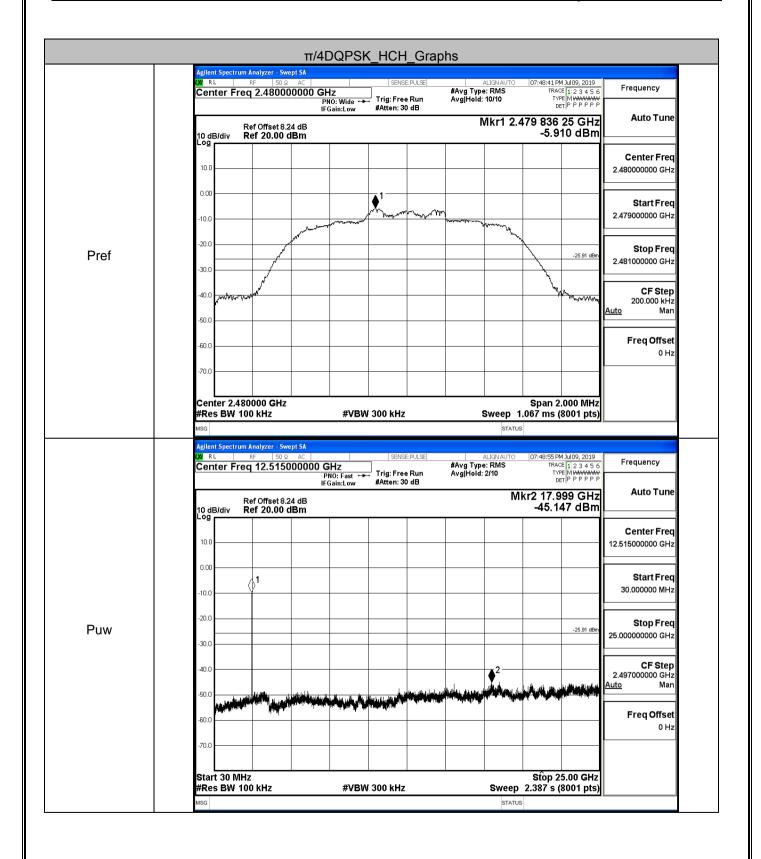
STATUS

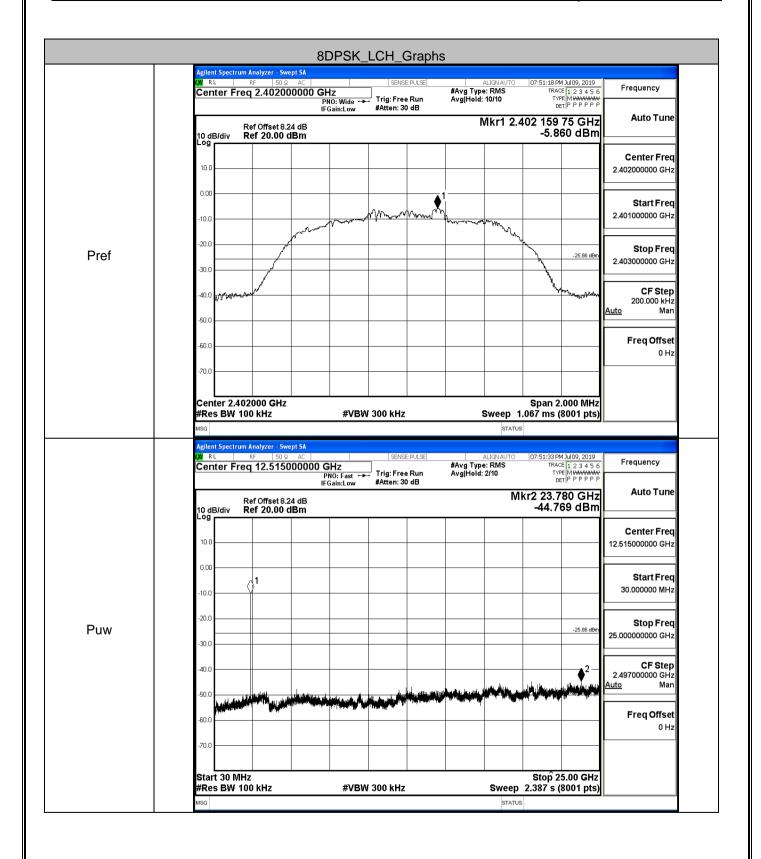


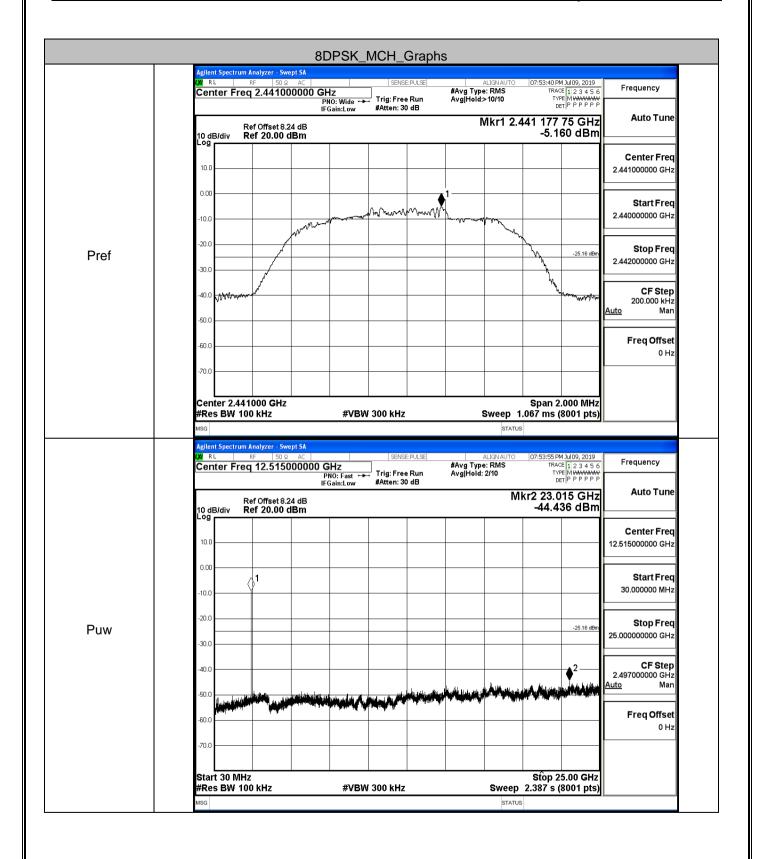


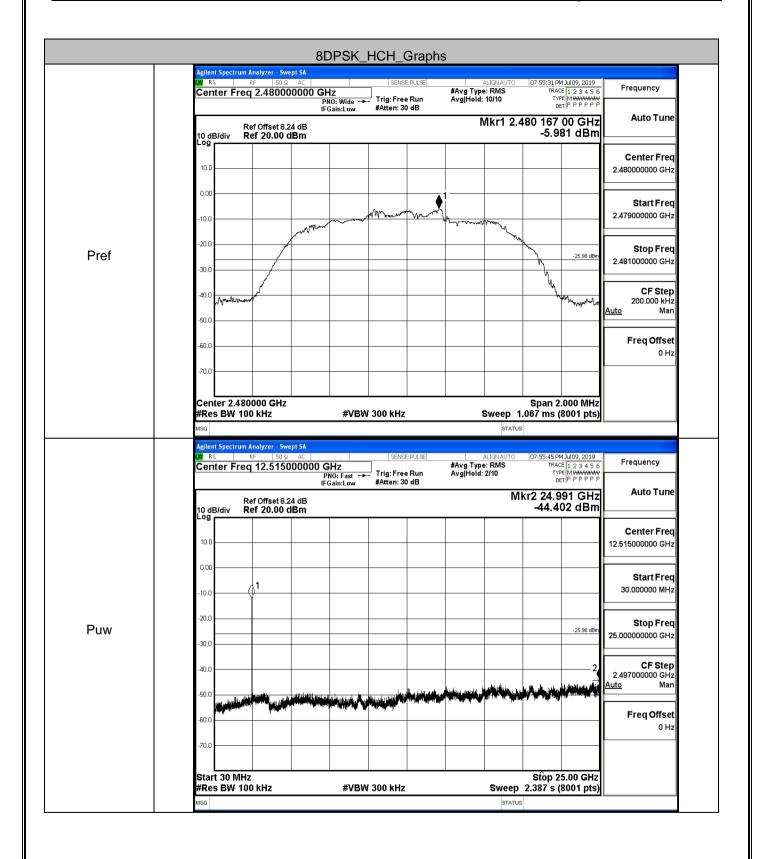






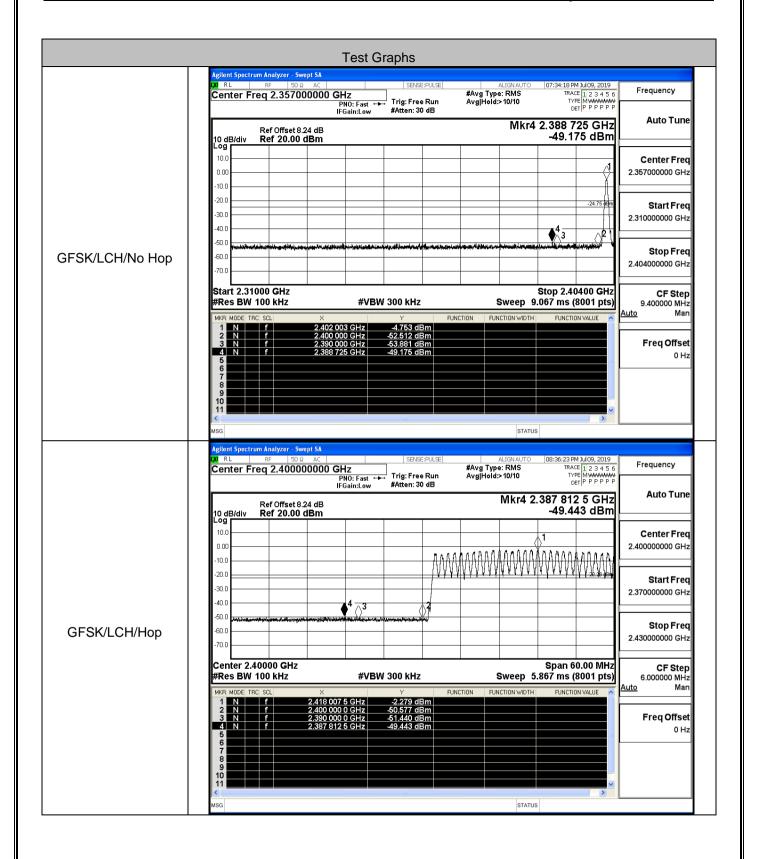


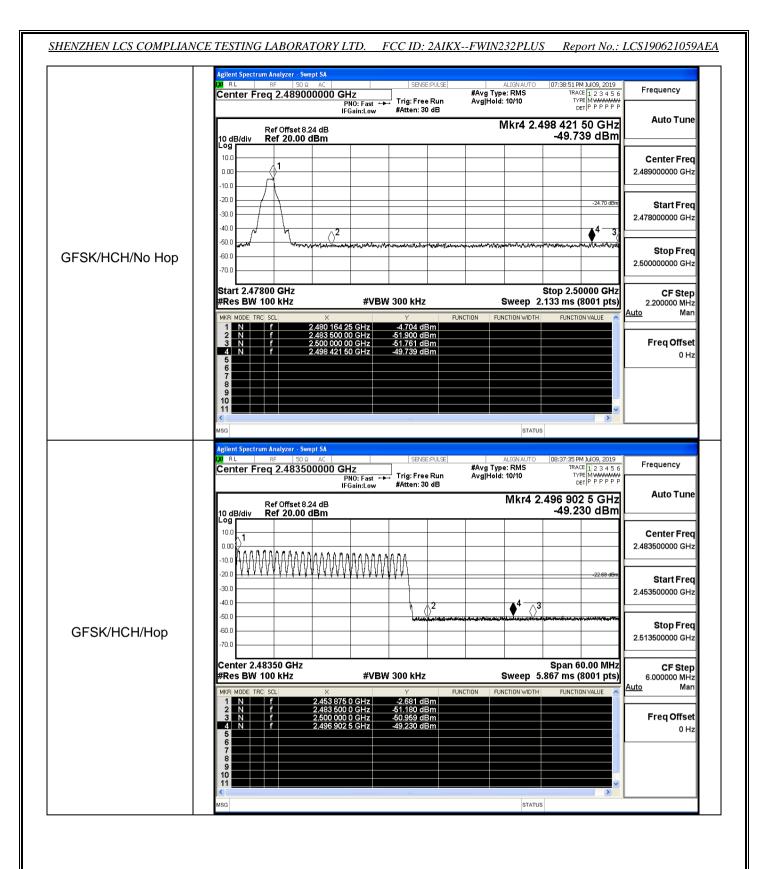


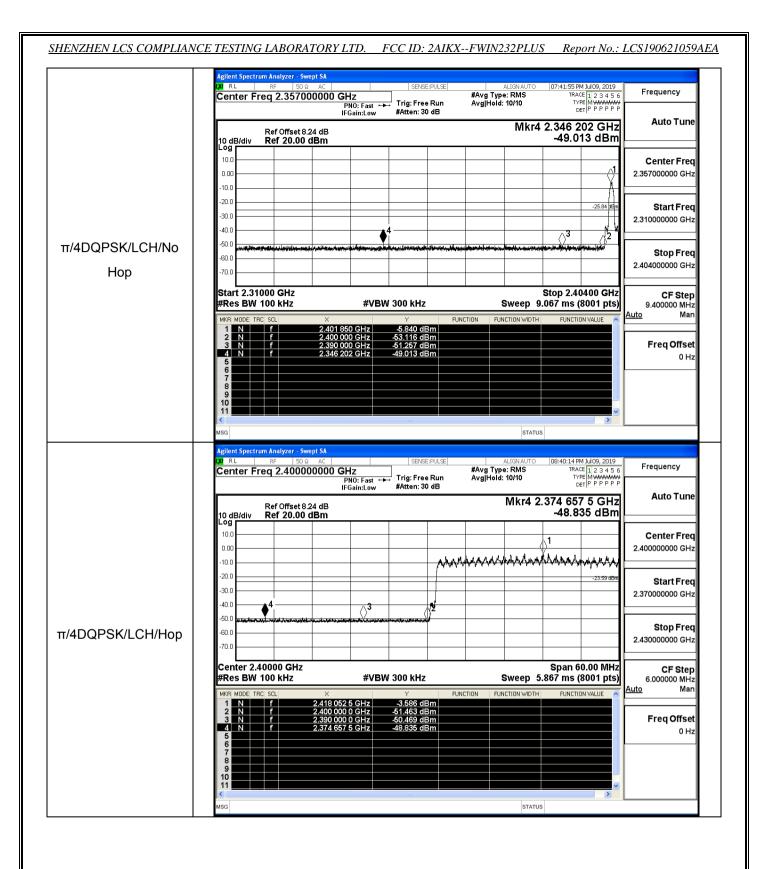


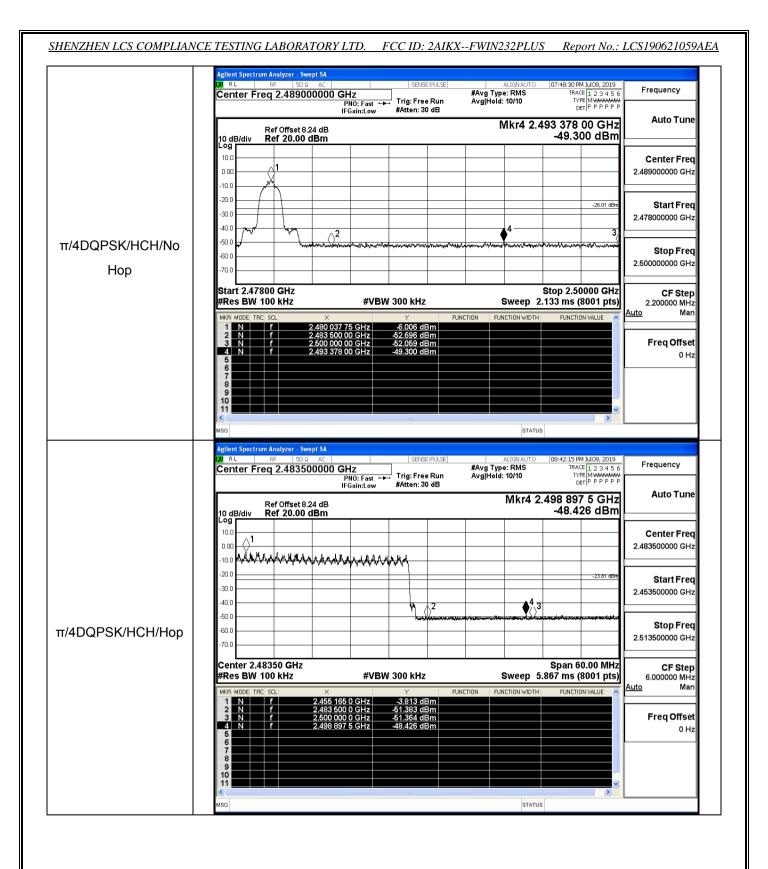
A.7 Band-edge for RF Conducted Emissions

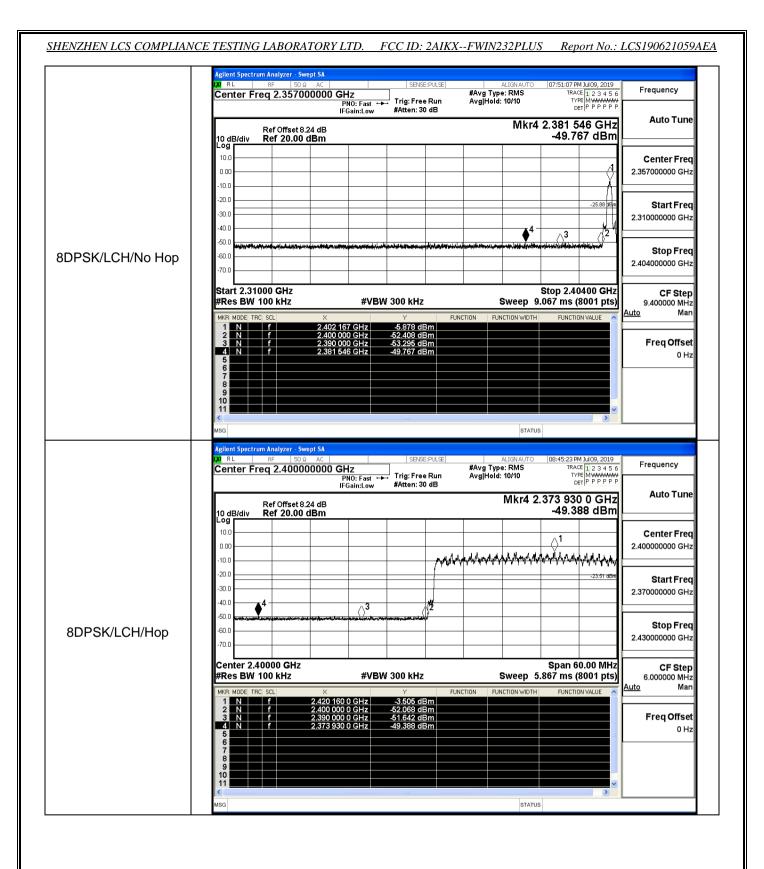
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict		
		0.400	-4.753	Off	-49.175	-24.75	PASS		
0.501/	LCH	2402	-2.279	On	-49.443	-22.28	PASS		
GFSK	нсн			-4.704	Off	-49.739	-24.7	PASS	
		2480	-2.681	On	-49.230	-22.68	PASS		
	LCH				-5.840	Off	-49.013	-25.84	PASS
		2402	-3.586	On	-48.835	-23.59	PASS		
π/4DQPSK	нсн		-6.006	Off	-49.300	-26.01	PASS		
		2480	-3.813	On	-48.426	-23.81	PASS		
			-5.878	Off	-49.767	-25.88	PASS		
	LCH	2402	-3.505	On	-49.388	-23.51	PASS		
8DPSK			-6.021	Off	-49.395	-26.02	PASS		
	HCH	2480	-4.240	On	-47.581	-24.24	PASS		

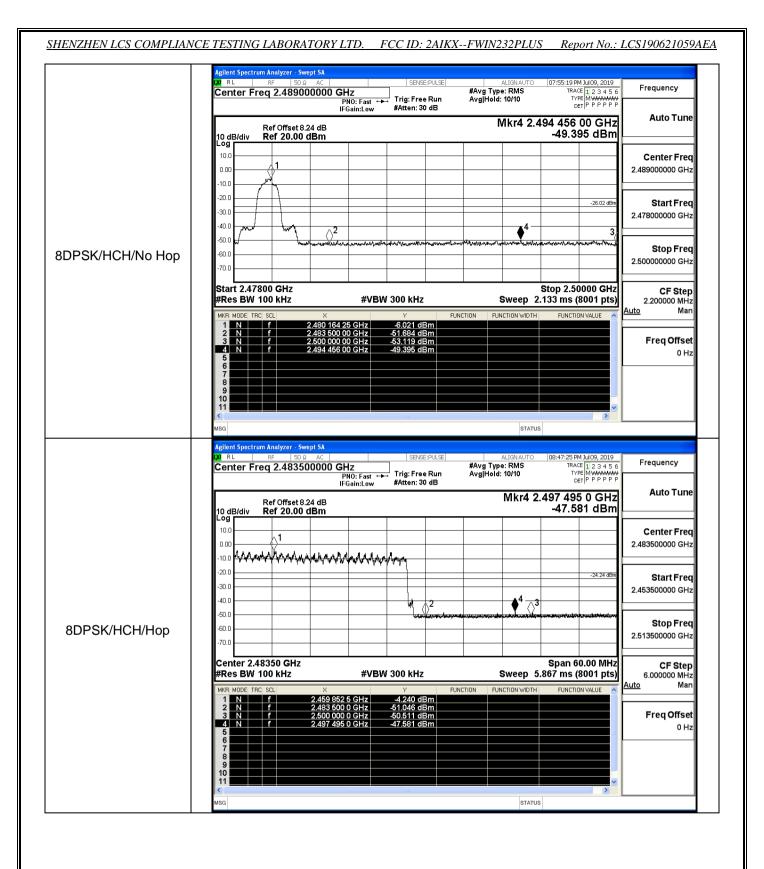








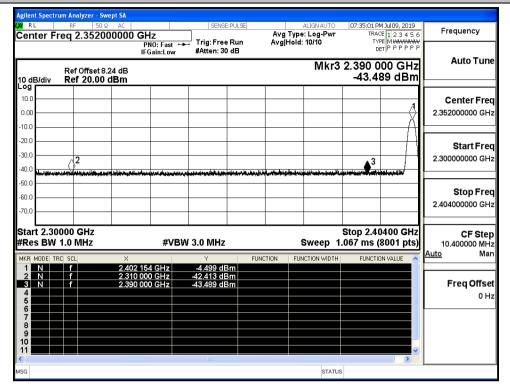




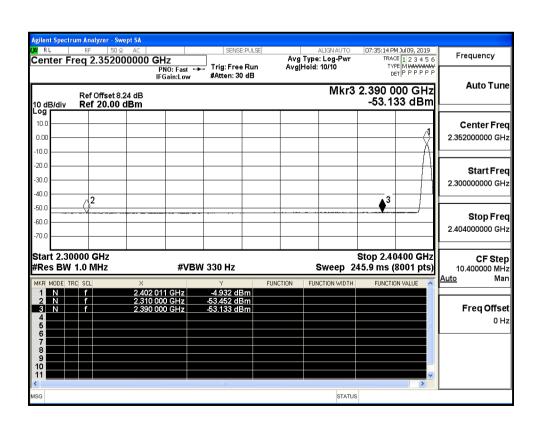
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-42.41	2.0	0	52.84	PEAK	74	PASS
	Off	2310.0	-53.45	2.0	0	41.81	AV	54	PASS
	Off	2390.0	-43.49	2.0	0	51.77	PEAK	74	PASS
	Off	2390.0	-53.13	2.0	0	42.12	AV	54	PASS
GFSK	Off	2483.5	-42.63	2.0	0	52.63	PEAK	74	PASS
	Off	2483.5	-52.86	2.0	0	42.40	AV	54	PASS
	Off	2500.0	-43.75	2.0	0	51.51	PEAK	74	PASS
	Off	2500.0	-52.71	2.0	0	42.55	AV	54	PASS
	Off	2310.0	-43.87	2.0	0	51.39	PEAK	74	PASS
	Off	2310.0	-53.32	2.0	0	41.94	AV	54	PASS
	Off	2390.0	-42.57	2.0	0	52.69	PEAK	74	PASS
/4D 0 D01/	Off	2390.0	-53.19	2.0	0	42.07	AV	54	PASS
π/4DQPSK	Off	2483.5	-42.19	2.0	0	53.06	PEAK	74	PASS
	Off	2483.5	-52.83	2.0	0	42.42	AV	54	PASS
	Off	2500.0	-43.03	2.0	0	52.23	PEAK	74	PASS
	Off	2500.0	-52.74	2.0	0	42.52	AV	54	PASS
	Off	2310.0	-43.09	2.0	0	52.17	PEAK	74	PASS
	Off	2310.0	-53.38	2.0	0	41.88	AV	54	PASS
	Off	2390.0	-43.68	2.0	0	51.58	PEAK	74	PASS
	Off	2390.0	-53.14	2.0	0	42.12	AV	54	PASS
8DPSK	Off	2483.5	-42.07	2.0	0	53.19	PEAK	74	PASS
	Off	2483.5	-52.88	2.0	0	42.38	AV	54	PASS
	Off	2500.0	-42.82	2.0	0	52.44	PEAK	74	PASS
	Off	2500.0	-52.79	2.0	0	42.47	AV	54	PASS

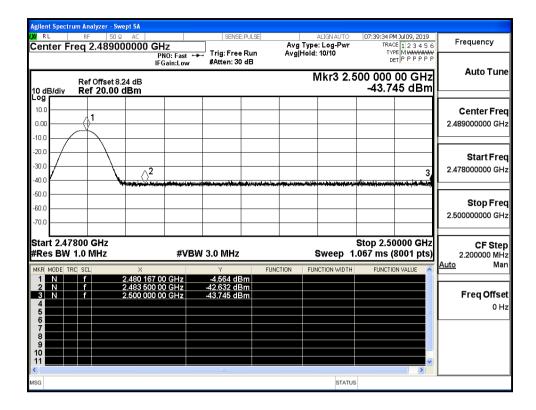




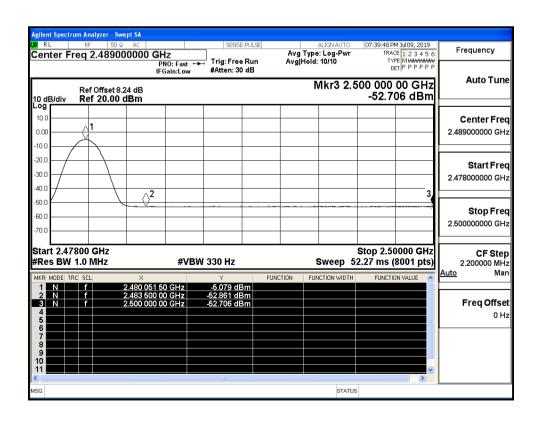
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



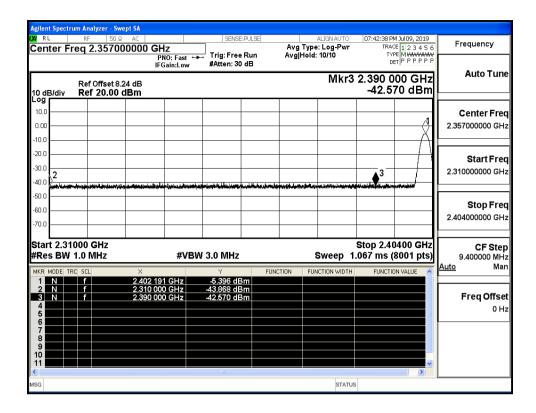
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



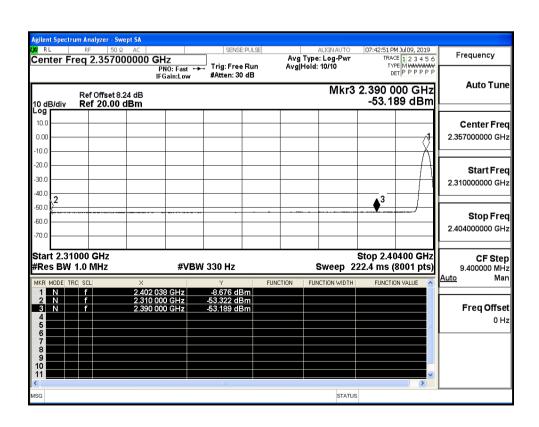
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



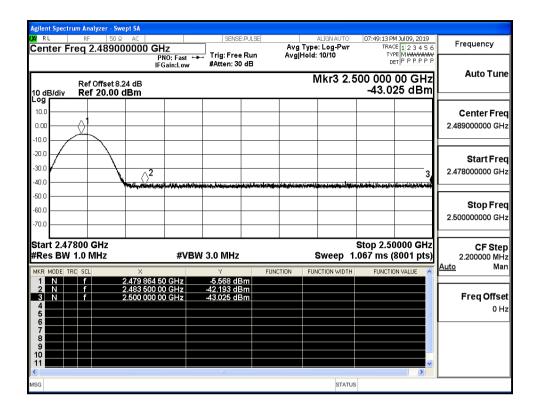
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



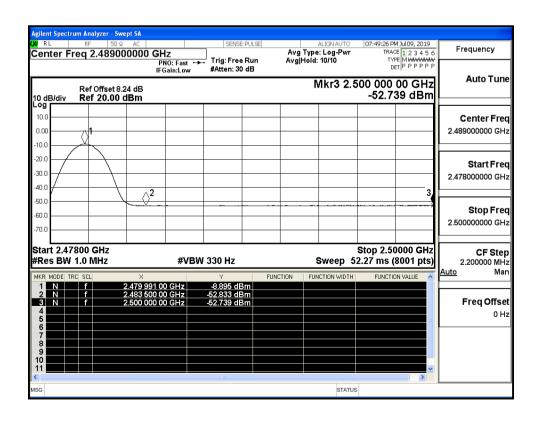
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



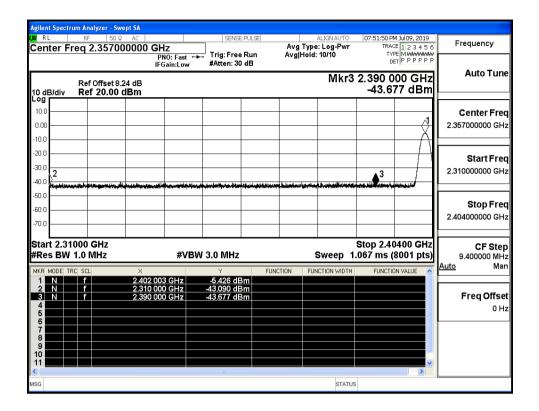
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



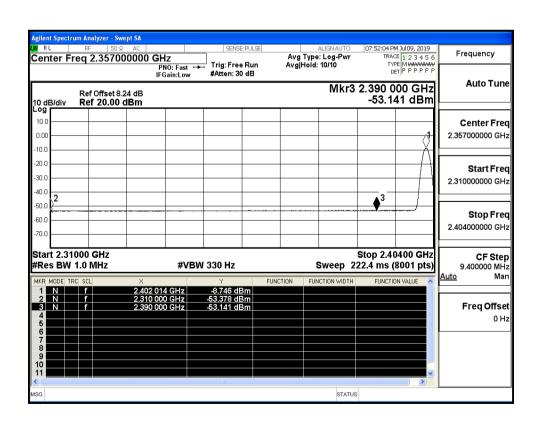
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



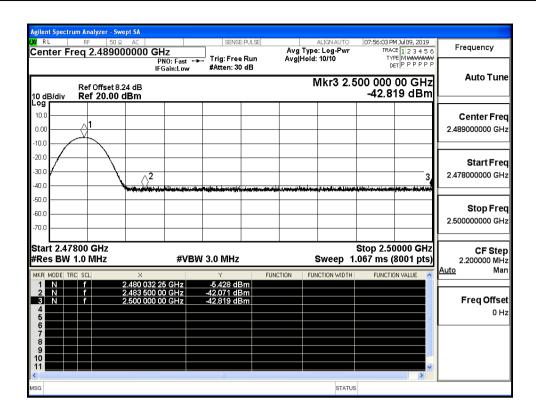
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

