Appendix A

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

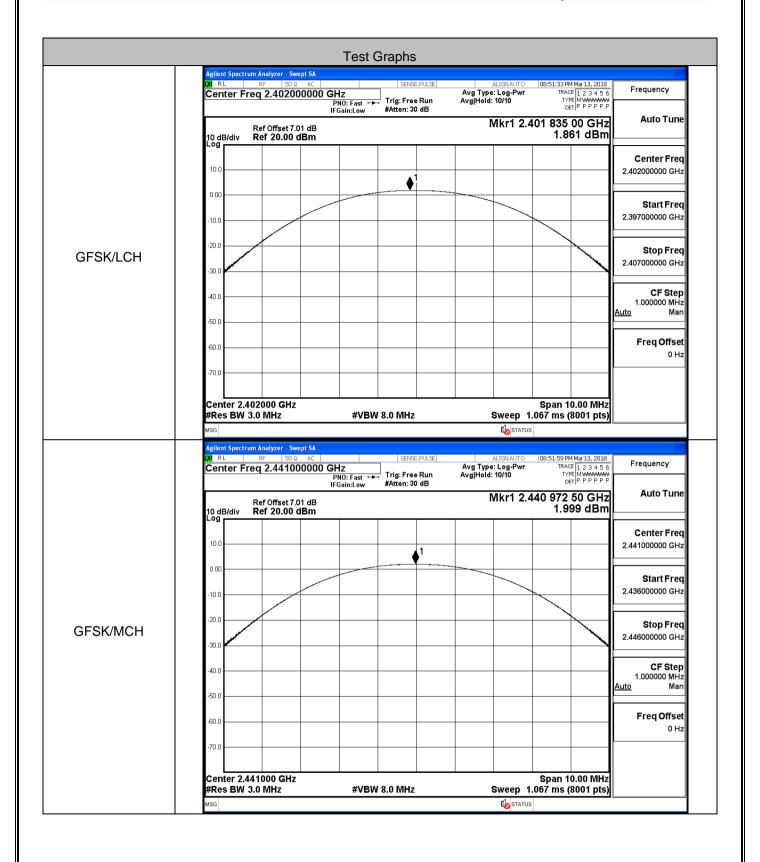
Product Name: CD Player Trade Mark: HOTT Test Model: CD711T

Environmental Conditions

Temperature:	21.3 °C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom Liu
Supervised by:	Jayden Zhuo

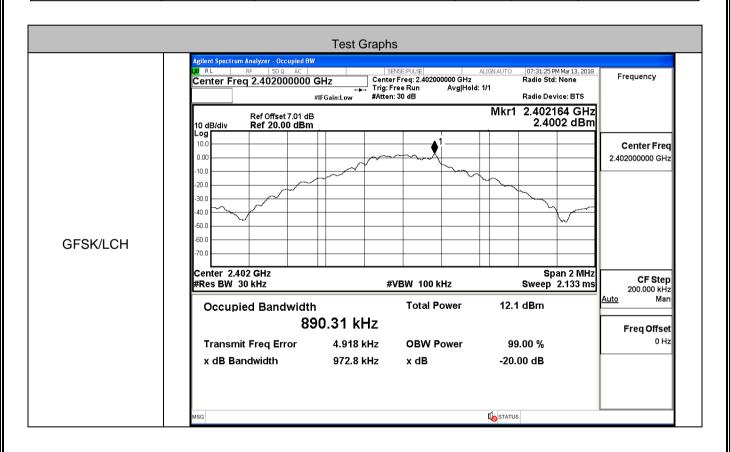
A.1 Maxmum Conducted Peak Output Power

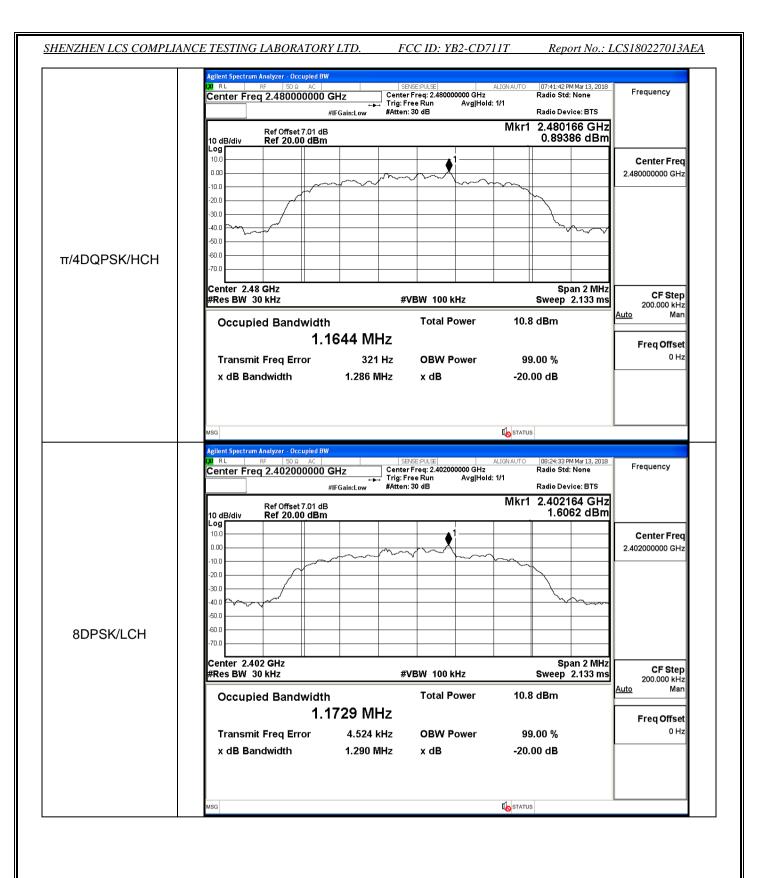
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.861	21	PASS
GFSK	MCH	1.999	21	PASS
	НСН	1.911	21	PASS
	LCH	1.703	21	PASS
π/4DQPSK	MCH	1.824	21	PASS
	НСН	1.720	21	PASS
	LCH	1.896	21	PASS
8DPSK	MCH 2.019		21	PASS
	HCH	1.902	21	PASS



A.2 20dB Bandwidth

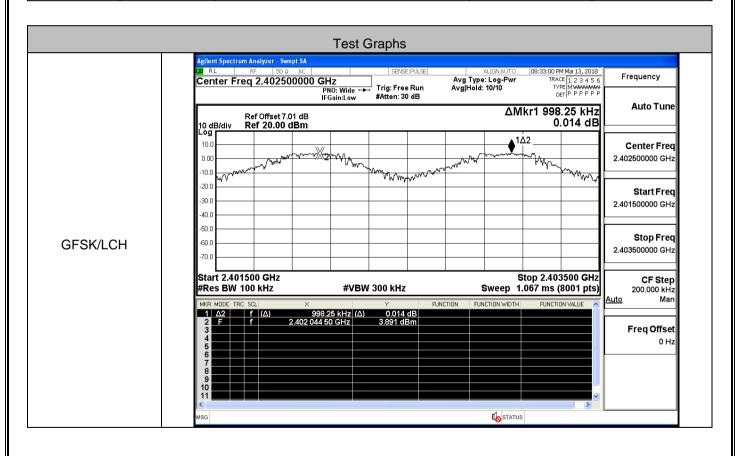
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9728	Not Specified	PASS
GFSK	MCH	1.034	Not Specified	PASS
	НСН	0.9675	Not Specified	PASS
	LCH	1.288	Not Specified	PASS
π/4DQPSK	MCH	1.287	Not Specified	PASS
	НСН	1.286	Not Specified	PASS
8DPSK	LCH	1.290	Not Specified	PASS
	MCH	1.290	Not Specified	PASS
	НСН	1.289	Not Specified	PASS

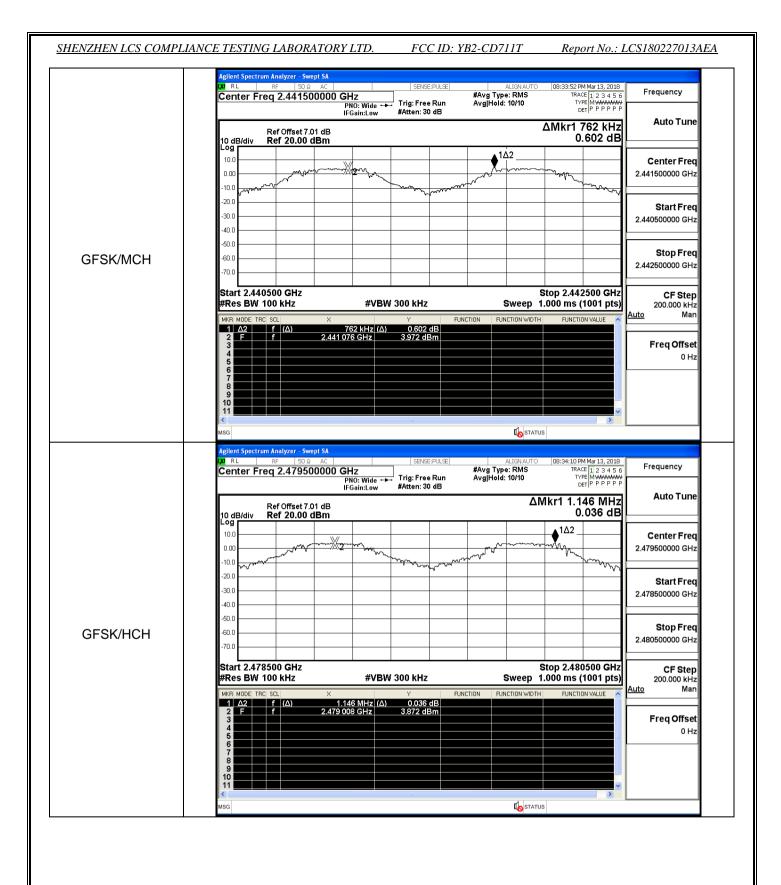


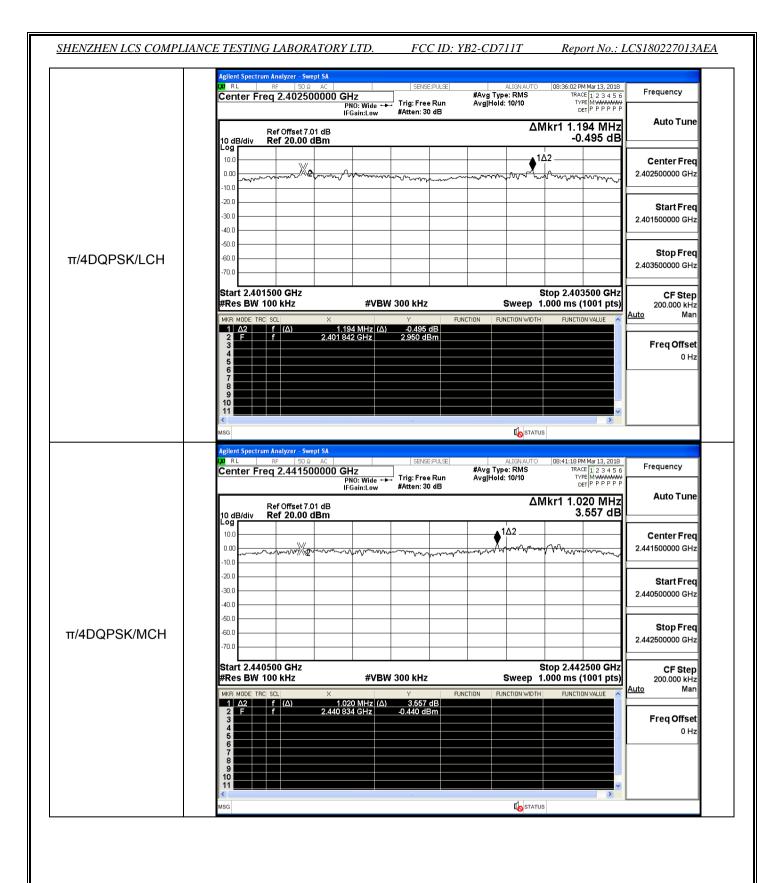


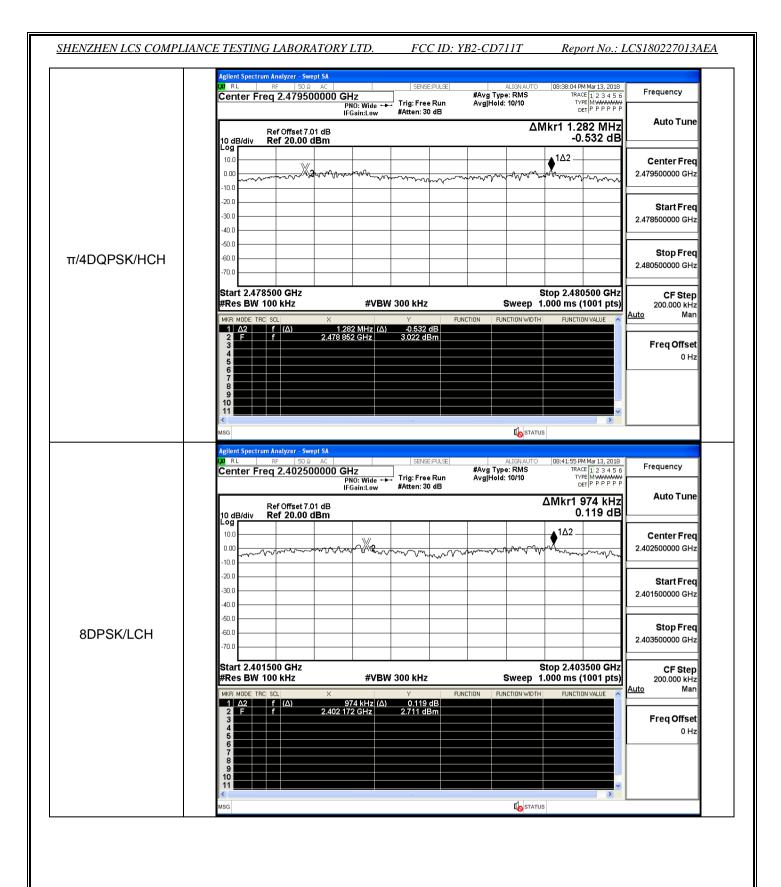
A.3 Carrier Frequency Separation

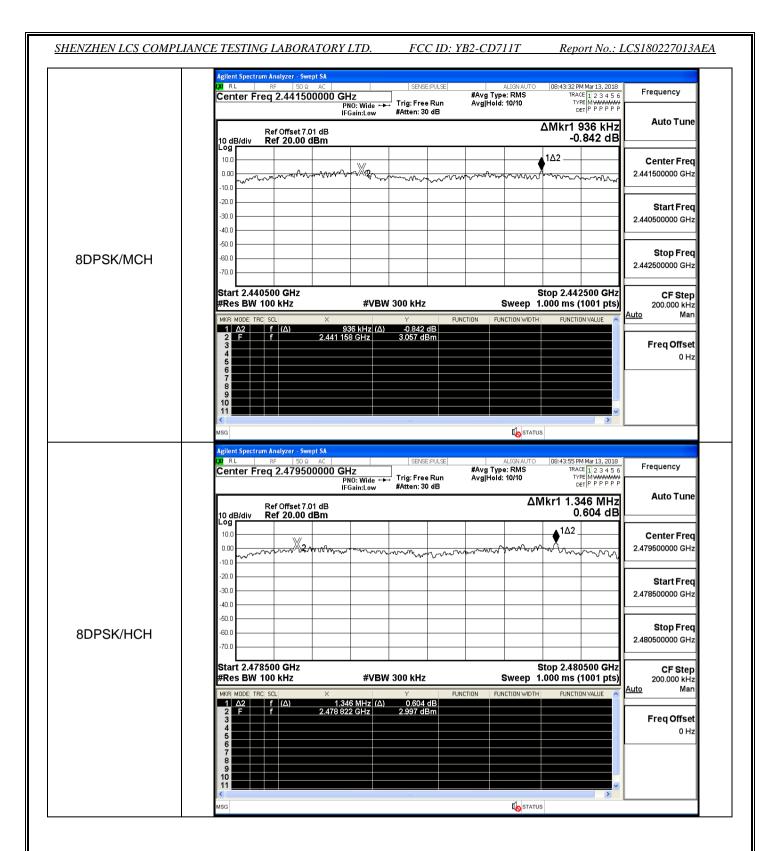
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.998	0.6485	PASS
GFSK	MCH	0.762	0.6893	PASS
	HCH	1.146	0.6450	PASS
	LCH	1.194	0.8587	PASS
π/4DQPSK	MCH	1.020	0.8580	PASS
	HCH	1.282	0.8573	PASS
8DPSK	LCH	0.974	0.8600	PASS
	DPSK MCH 0.936		0.8600	PASS
	HCH	1.346	0.8593	PASS







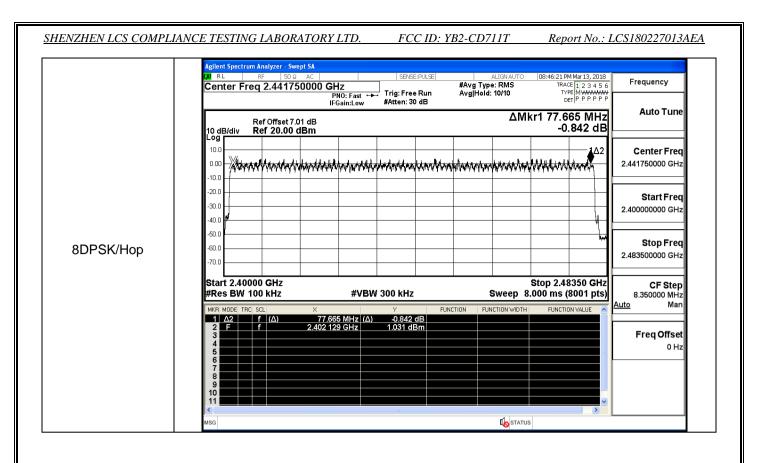




A.4 Hopping Channel Number

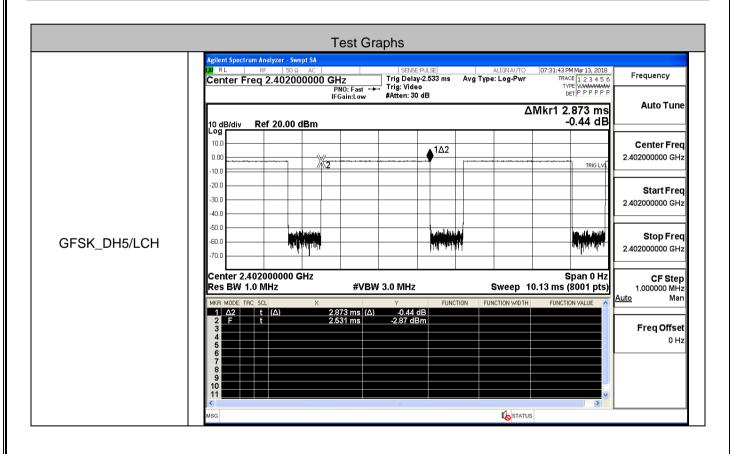
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

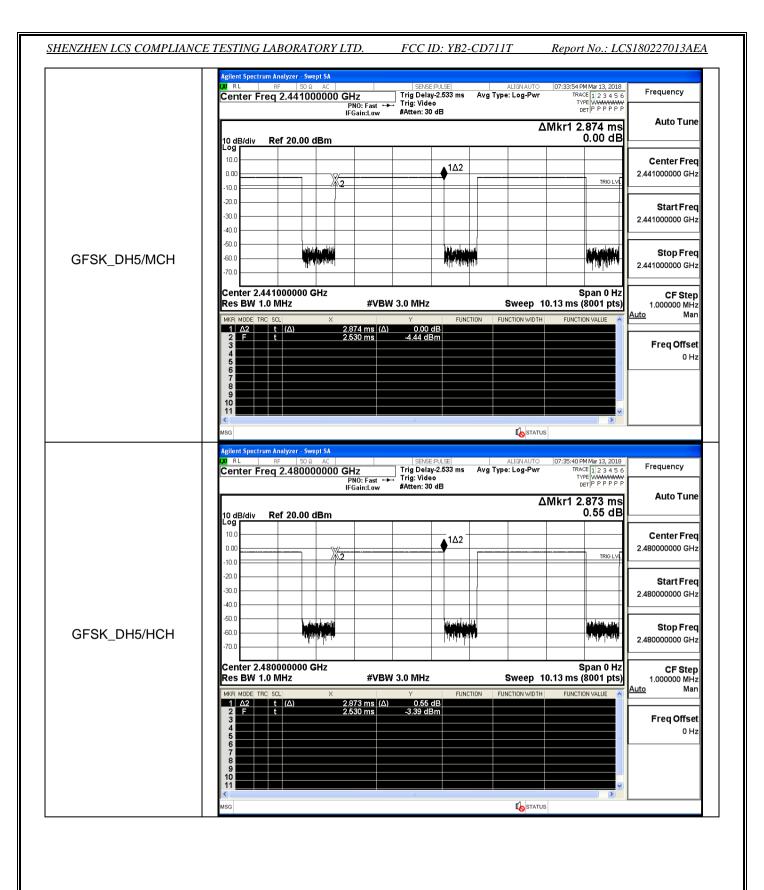
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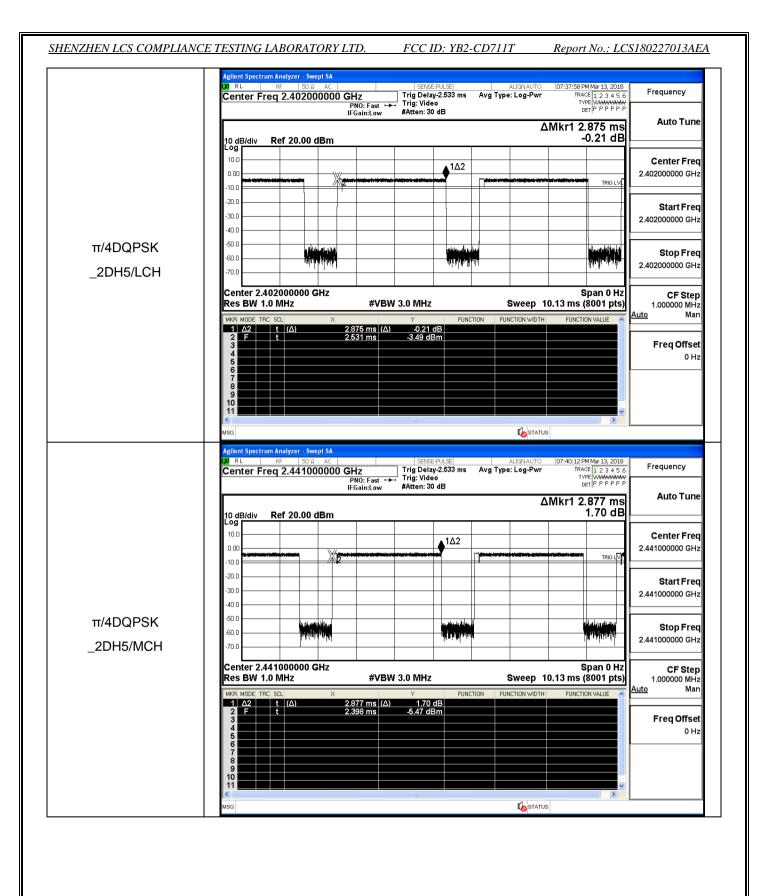


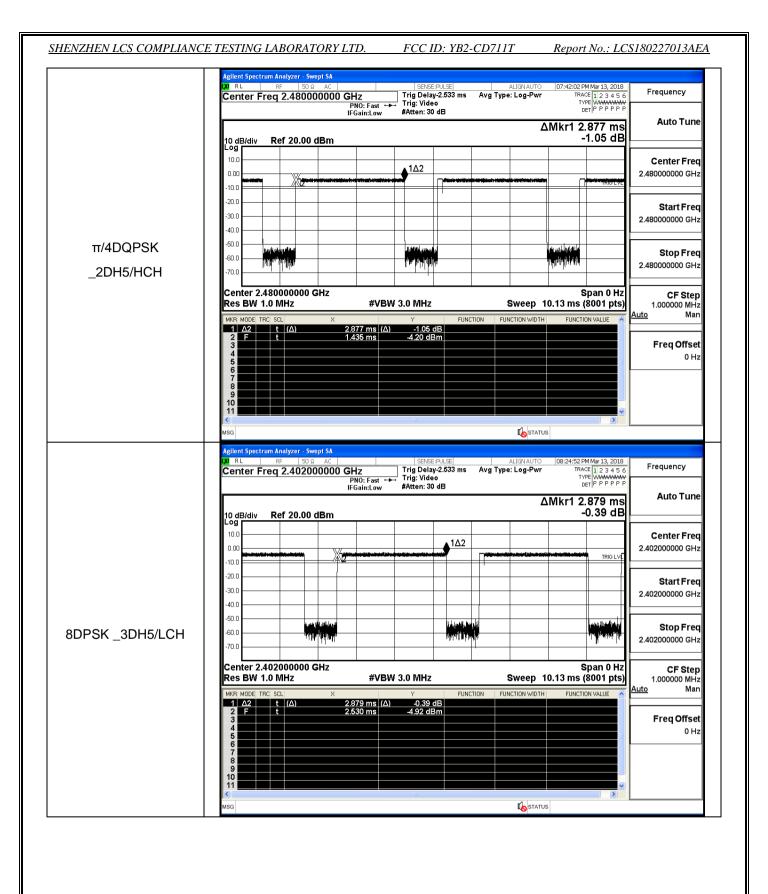
A.5 Dwell Time

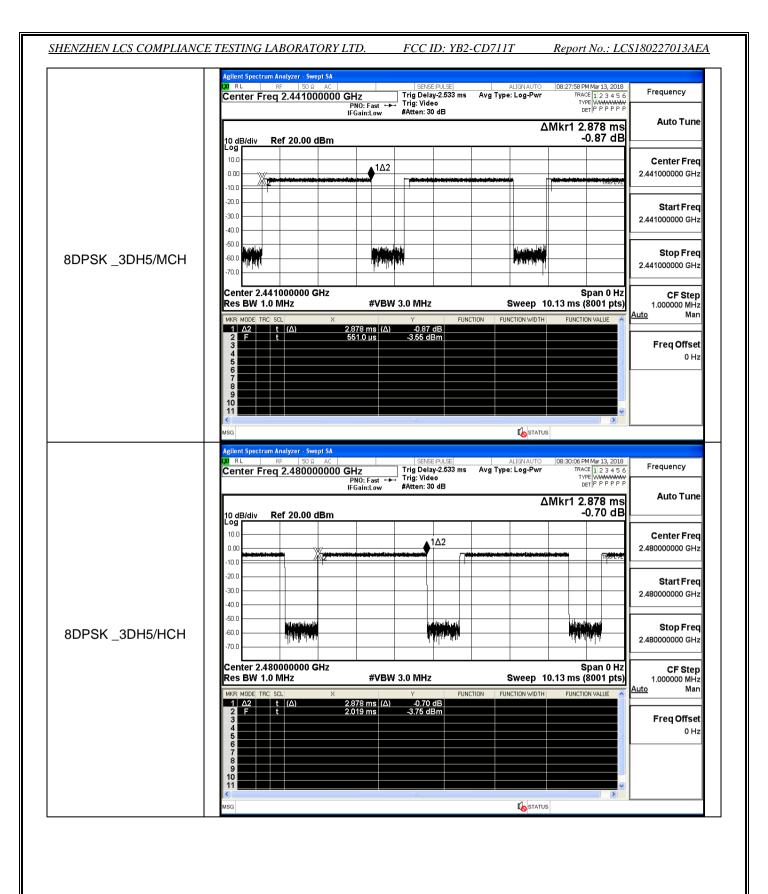
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.87	106.7	0.306	0.4	PASS
GFSK	DH5	MCH	2.87	106.7	0.306	0.4	PASS
	DH5 HCH		2.87	106.7	0.306	0.4	PASS
π/4DQPSK	2DH5	LCH	2.87	106.7	0.307	0.4	PASS
	2DH5	MCH	2.87	106.7	0.307	0.4	PASS
	2DH5	HCH	2.87	106.7	0.307	0.4	PASS
	3DH5	LCH	2.87	106.7	0.307	0.4	PASS
8DPSK	3DH5	MCH	2.87	106.7	0.307	0.4	PASS
	3DH5	HCH	2.87	106.7	0.307	0.4	PASS





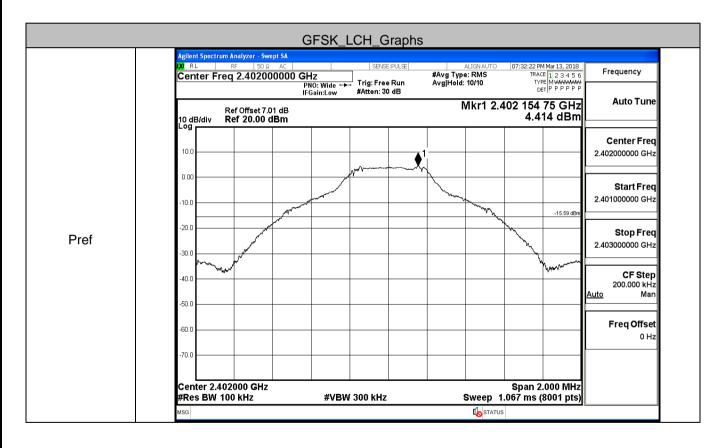




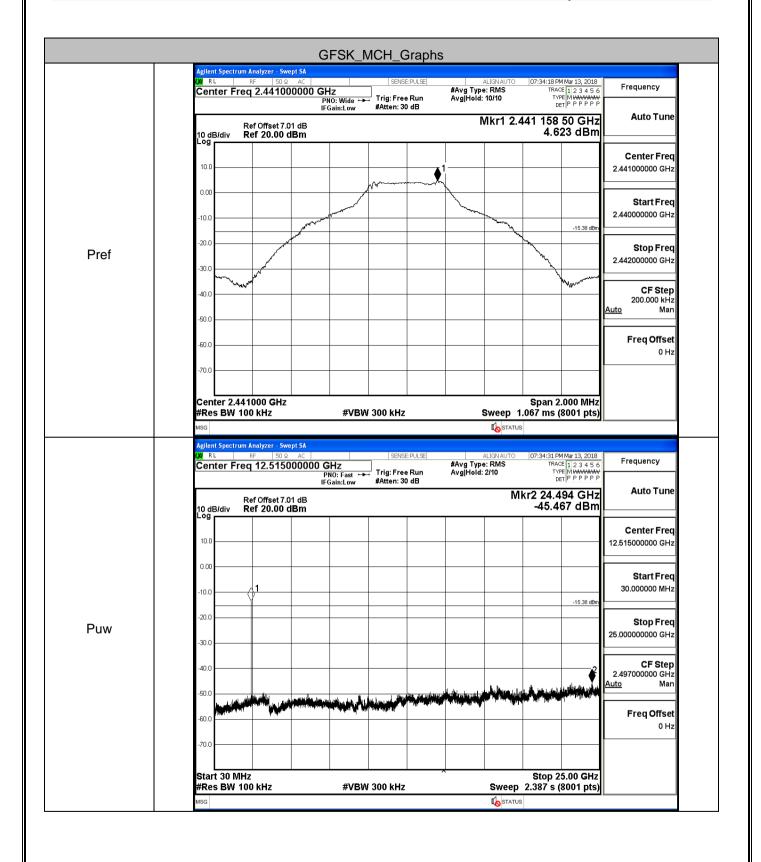


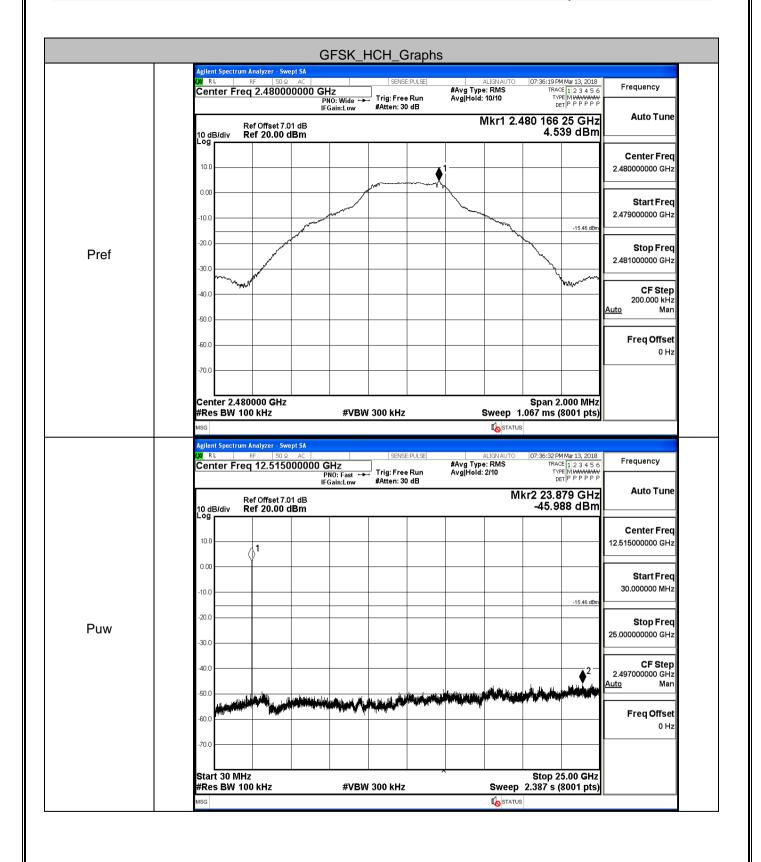
A.6 RF Conducted Spurious Emissions

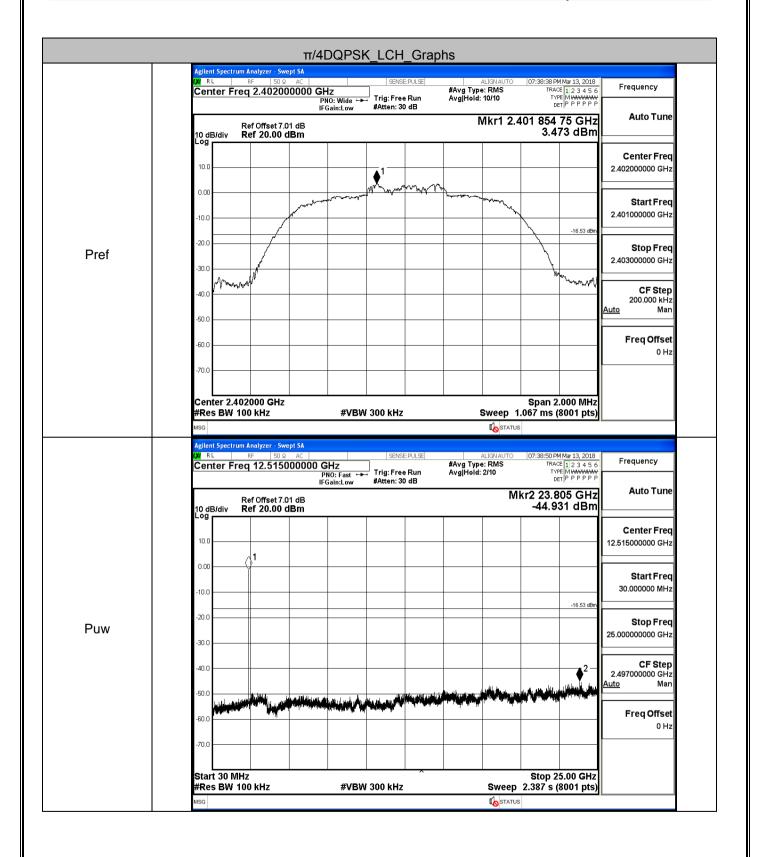
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	4.414	-45.513	-15.586	PASS
GFSK	MCH	4.623	-45.467	-15.377	PASS
	HCH	4.539	-45.988	-15.461	PASS
	LCH	3.473	-44.931	-16.527	PASS
π/4DQPSK	MCH	3.526	-44.930	-16.474	PASS
	HCH	3.668	-45.641	-16.332	PASS
	LCH	3.602	-45.348	-16.398	PASS
8DPSK	MCH	3.689	-45.499	-16.311	PASS
	HCH	3.584	-45.499	-16.416	PASS

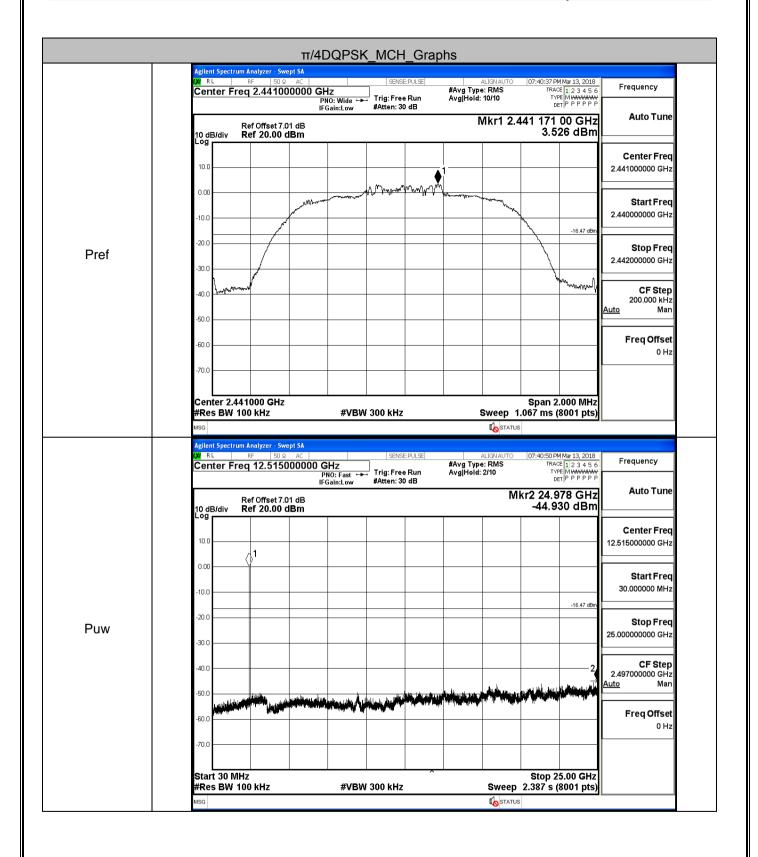


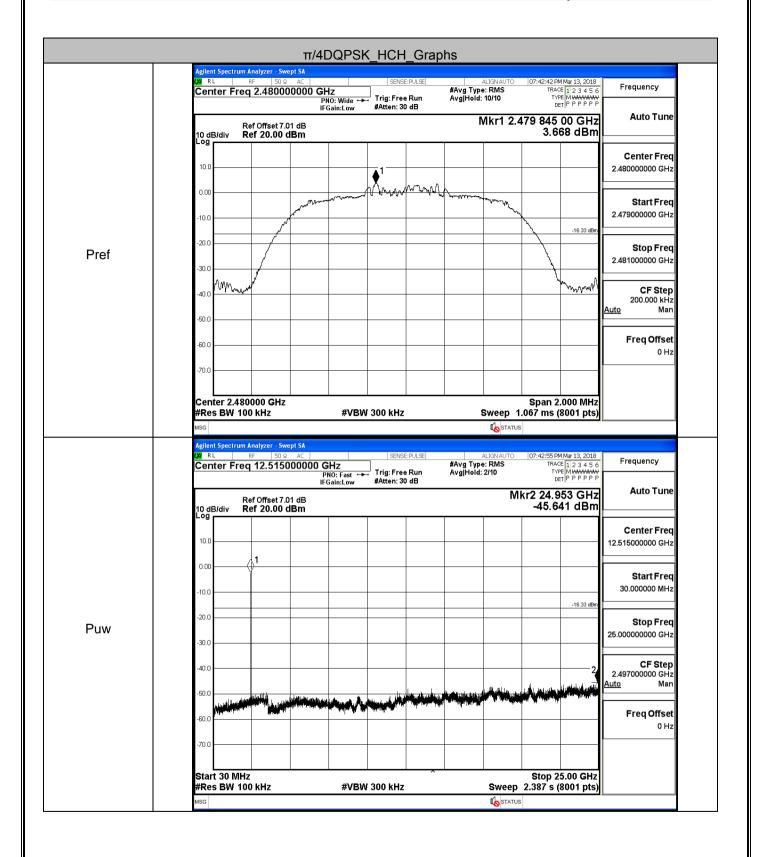
STATUS

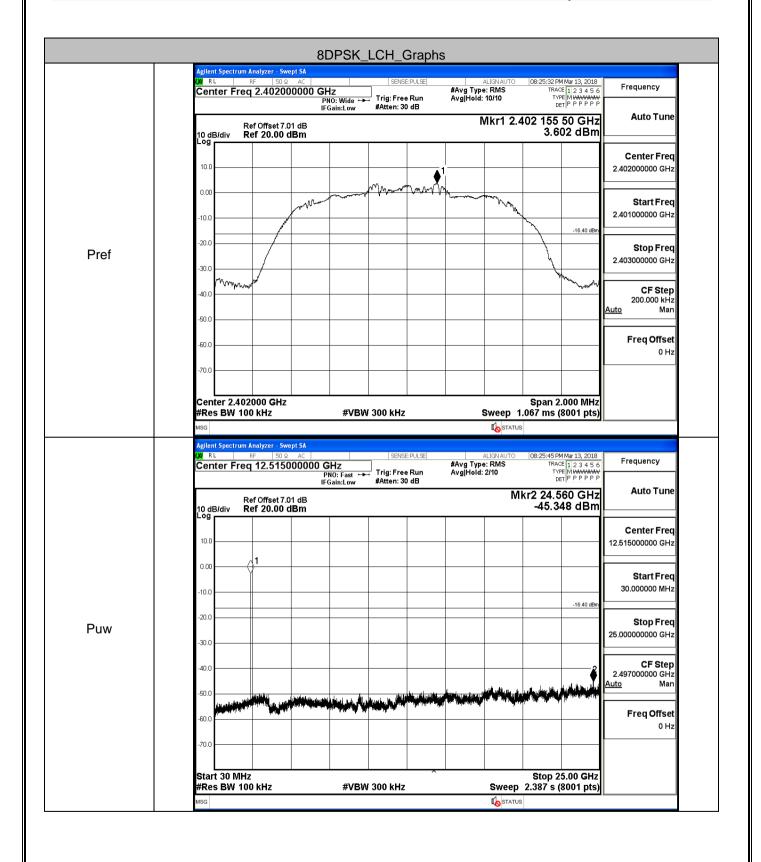


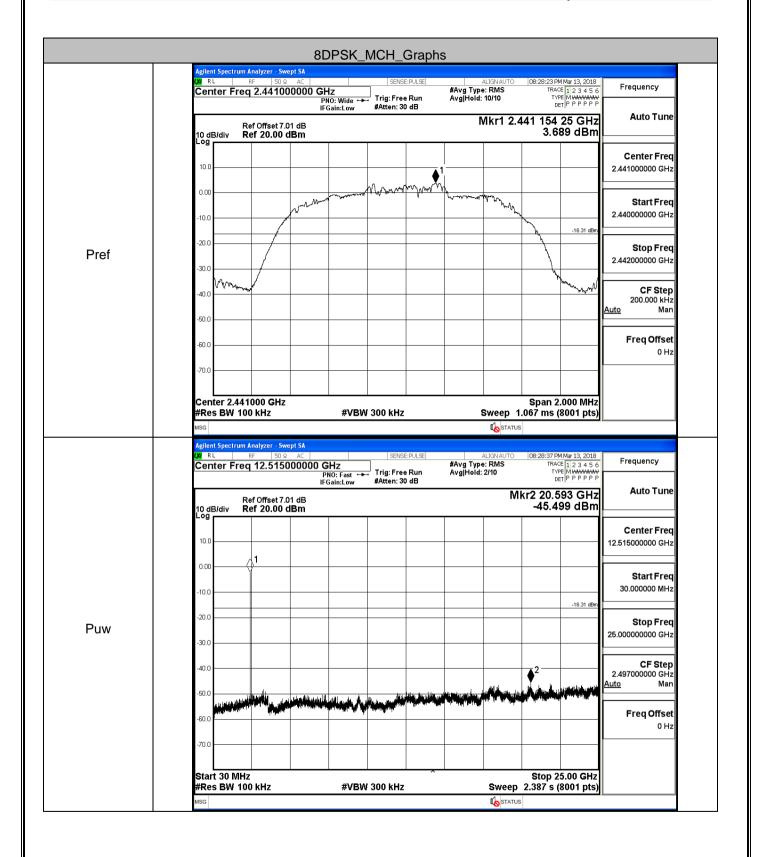


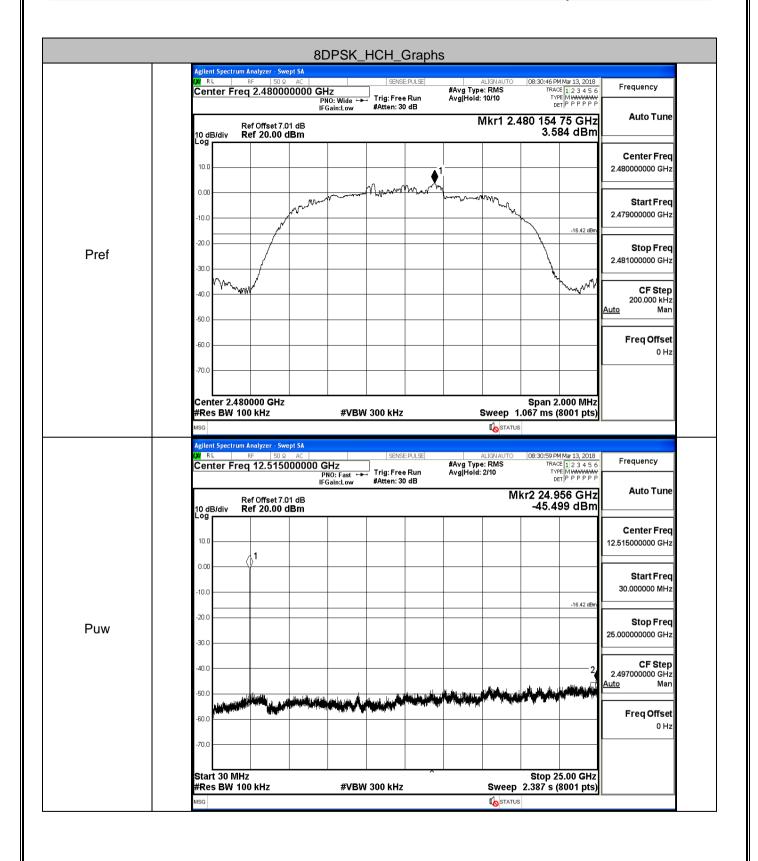






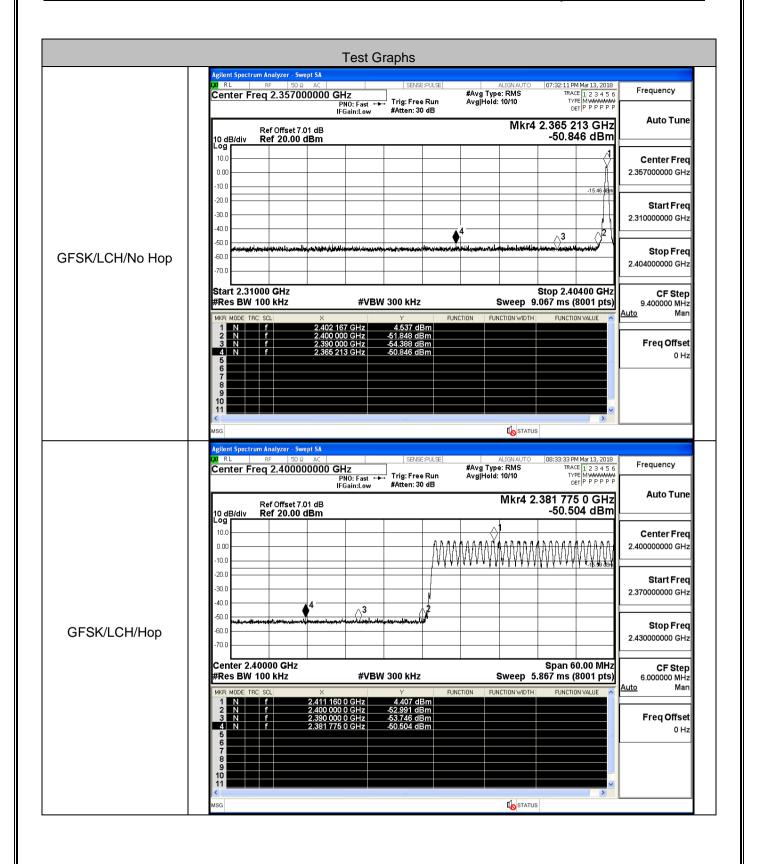


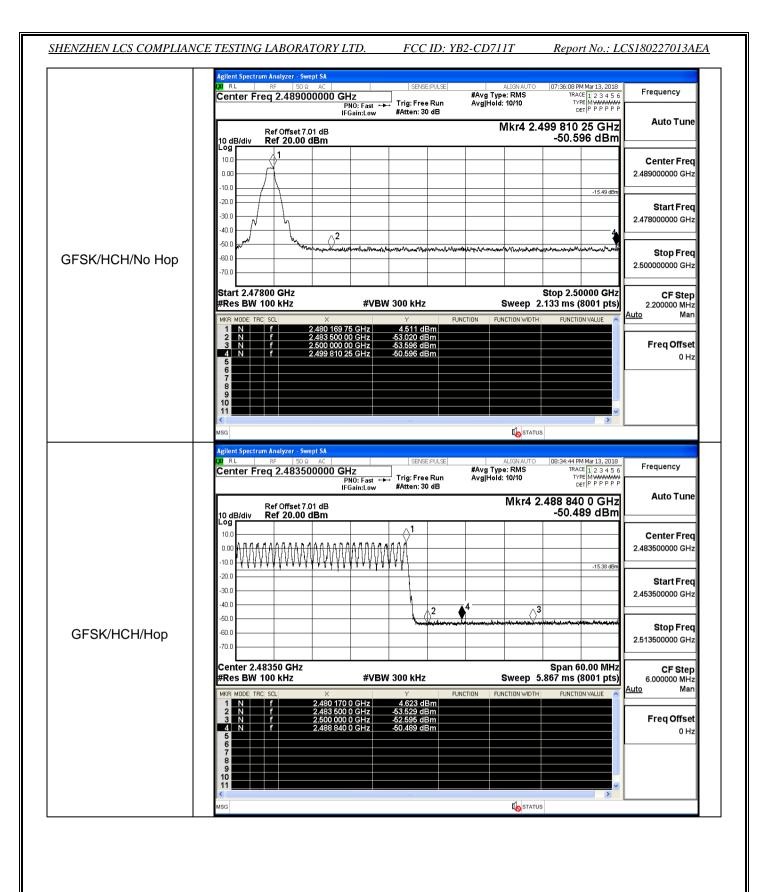


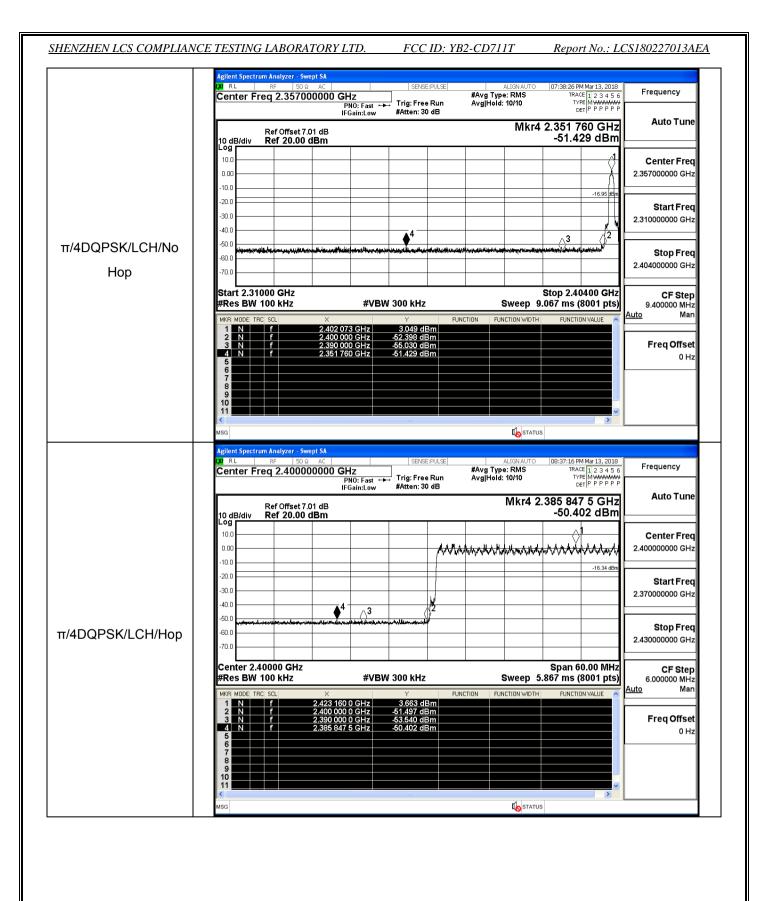


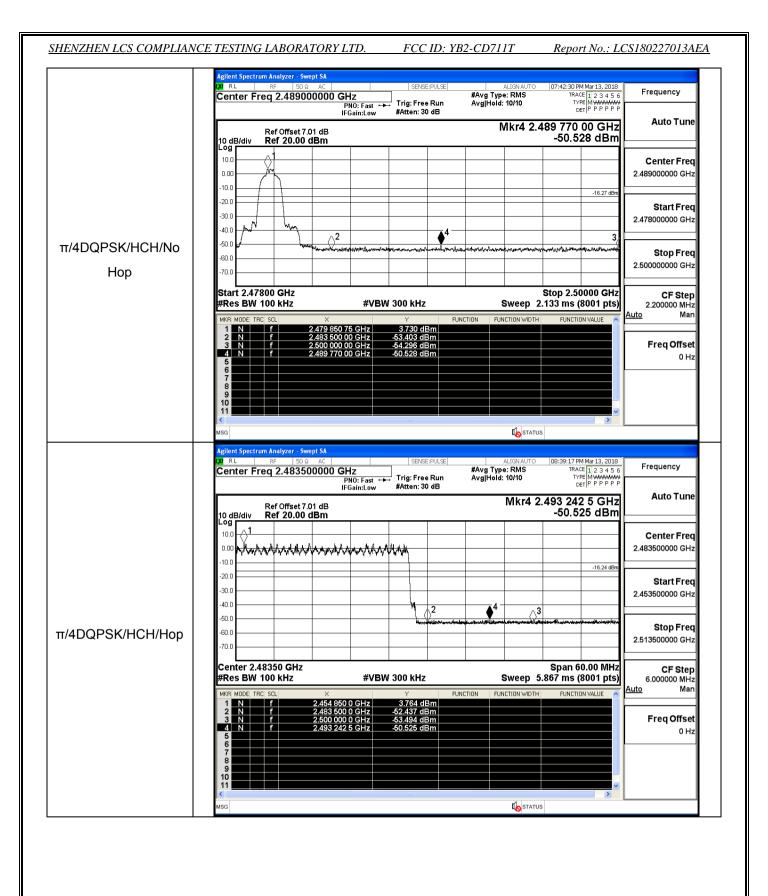
A.7 Band-edge for RF Conducted Emissions

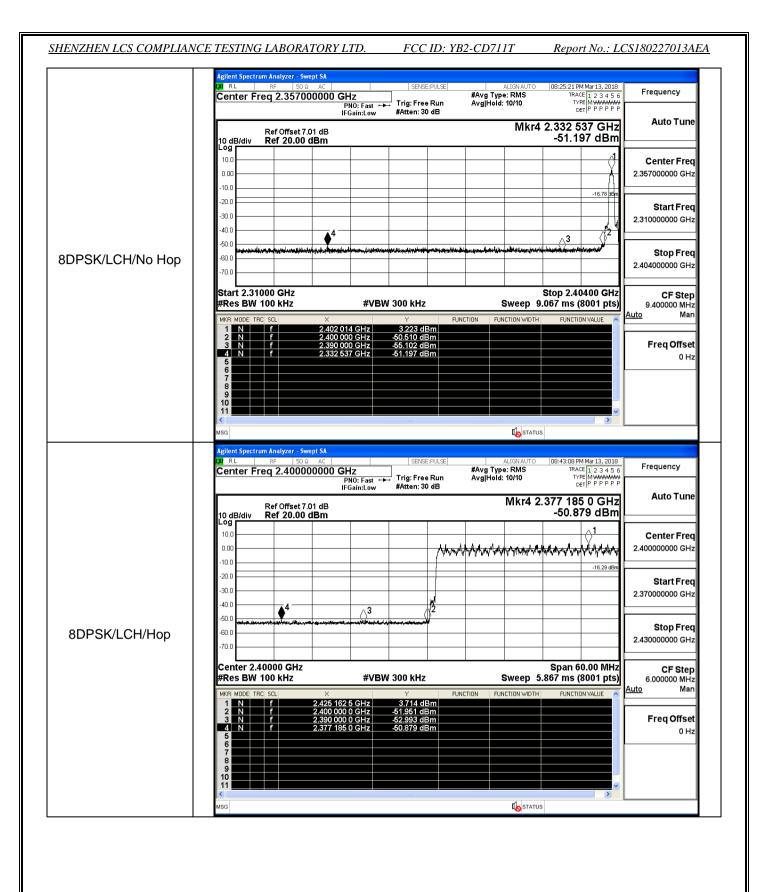
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict			
		0.400	4.537	Off	-50.846	-15.46	PASS			
0.501/	LCH	2402	4.407	On	-50.504	-15.59	PASS			
GFSK	нсн			4.511	Off	-50.596	-15.49	PASS		
		2480	4.623	On	-50.489	-15.38	PASS			
	LCH					3.049	Off	-51.429	-16.95	PASS
		2402	3.663	On	-50.402	-16.34	PASS			
π/4DQPSK	нсн		3.730	Off	-50.528	-16.27	PASS			
		2480	3.764	On	-50.525	-16.24	PASS			
		2402	3.223	Off	-51.197	-16.78	PASS			
	LCH		3.714	On	-50.879	-16.29	PASS			
8DPSK			3.176	Off	-49.281	-16.82	PASS			
	HCH	2480	3.656	On	-50.568	-16.34	PASS			

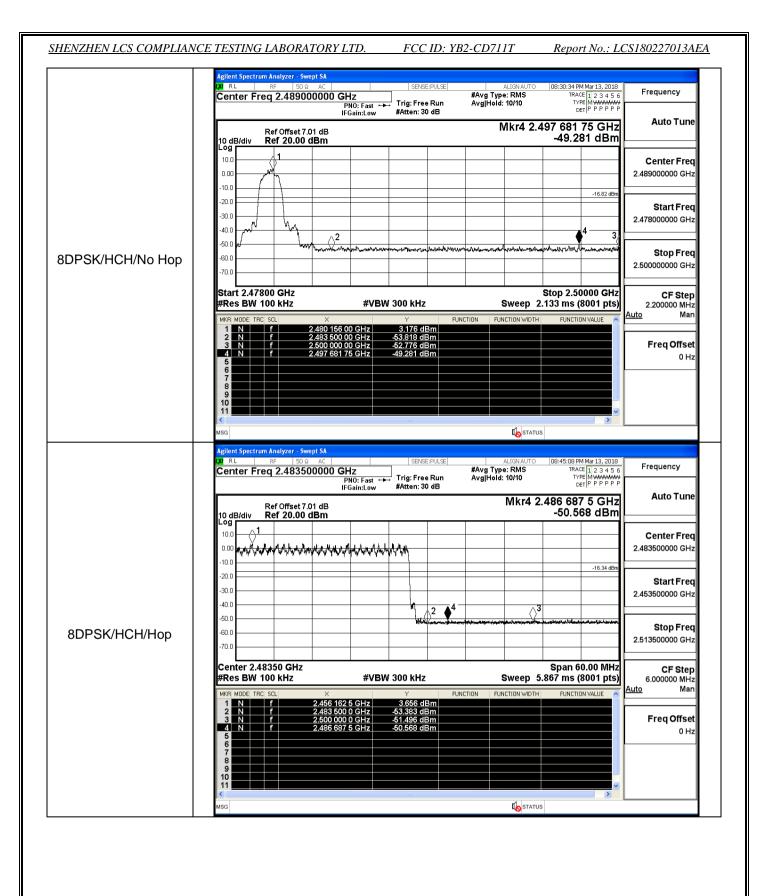






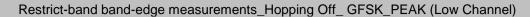


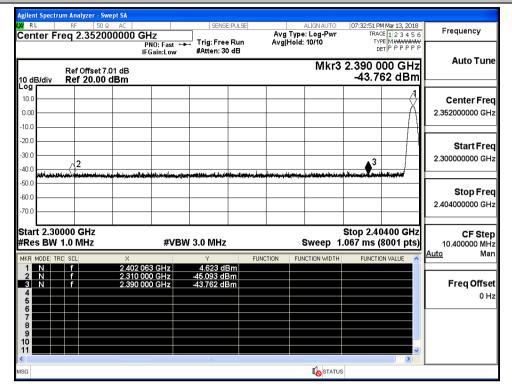




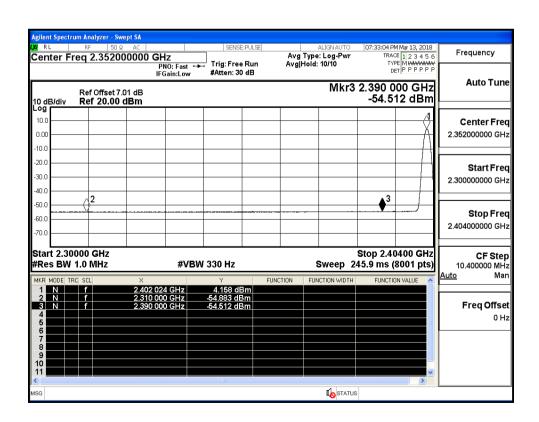
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-45.09	2.0	0	50.16	PEAK	74	PASS
	Off	2310.0	-54.88	2.0	0	40.37	AV	54	PASS
	Off	2390.0	-43.76	2.0	0	51.50	PEAK	74	PASS
0501	Off	2390.0	-54.51	2.0	0	40.75	AV	54	PASS
GFSK	Off	2483.5	-42.90	2.0	0	52.36	PEAK	74	PASS
	Off	2483.5	-54.19	2.0	0	41.06	AV	54	PASS
	Off	2500.0	-44.70	2.0	0	50.56	PEAK	74	PASS
	Off	2500.0	-54.23	2.0	0	41.03	AV	54	PASS
	Off	2310.0	-45.12	2.0	0	50.14	PEAK	74	PASS
	Off	2310.0	-54.83	2.0	0	40.43	AV	54	PASS
	Off	2390.0	-45.56	2.0	0	49.70	PEAK	74	PASS
(4D 0 D0) (Off	2390.0	-54.51	2.0	0	40.74	AV	54	PASS
π/4DQPSK	Off	2483.5	-44.16	2.0	0	51.10	PEAK	74	PASS
	Off	2483.5	-54.03	2.0	0	41.23	AV	54	PASS
	Off	2500.0	-43.80	2.0	0	51.46	PEAK	74	PASS
	Off	2500.0	-54.24	2.0	0	41.02	AV	54	PASS
	Off	2310.0	-45.36	2.0	0	49.89	PEAK	74	PASS
	Off	2310.0	-54.91	2.0	0	40.35	AV	54	PASS
	Off	2390.0	-44.94	2.0	0	50.31	PEAK	74	PASS
	Off	2390.0	-54.65	2.0	0	40.61	AV	54	PASS
8DPSK	Off	2483.5	-44.89	2.0	0	50.37	PEAK	74	PASS
	Off	2483.5	-54.01	2.0	0	41.24	AV	54	PASS
	Off	2500.0	-42.26	2.0	0	53.00	PEAK	74	PASS
	Off	2500.0	-54.25	2.0	0	41.01	AV	54	PASS

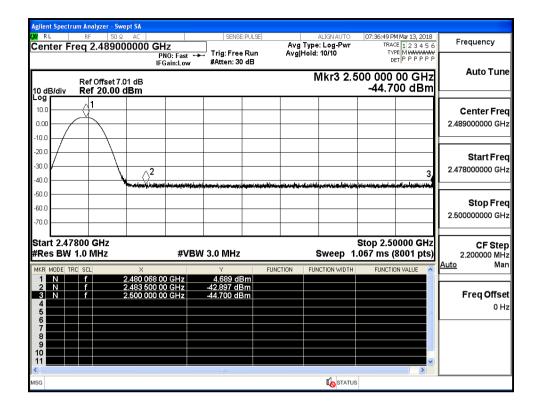




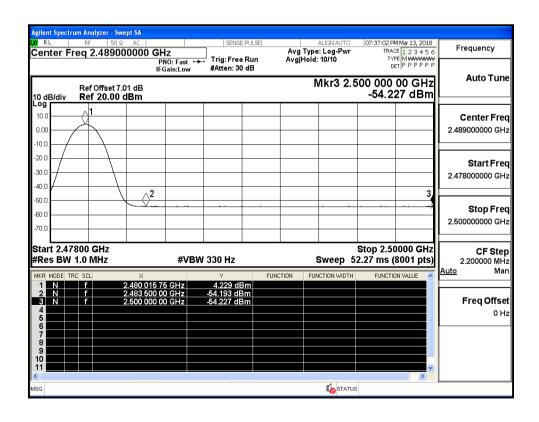
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



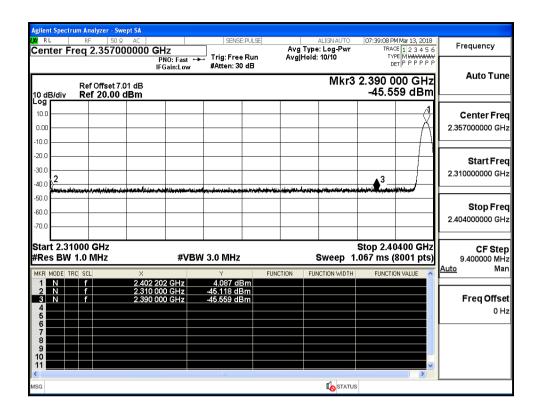
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



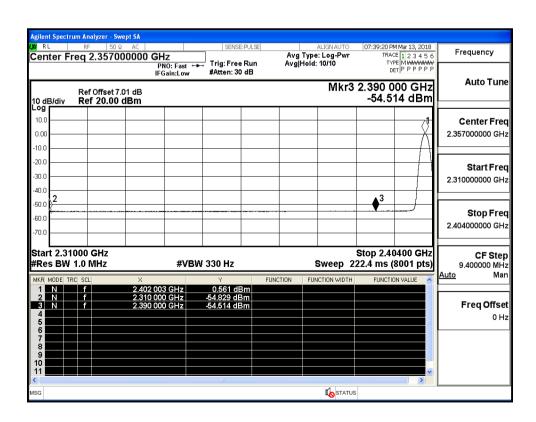
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



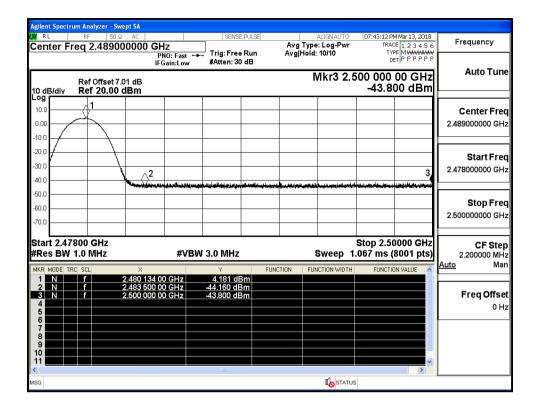
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



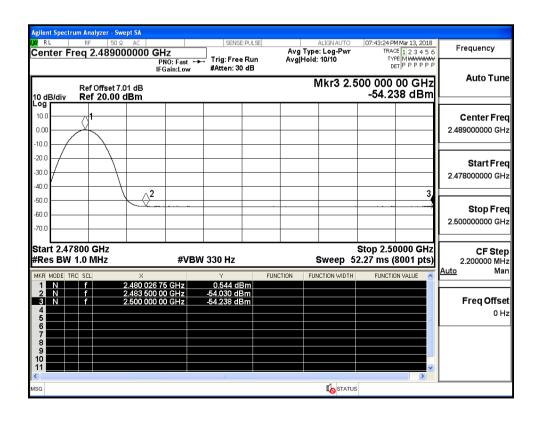
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



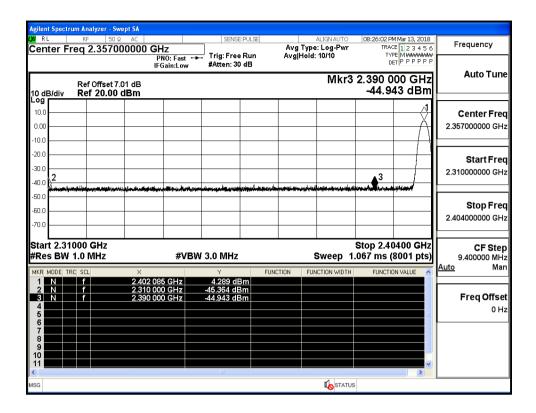
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



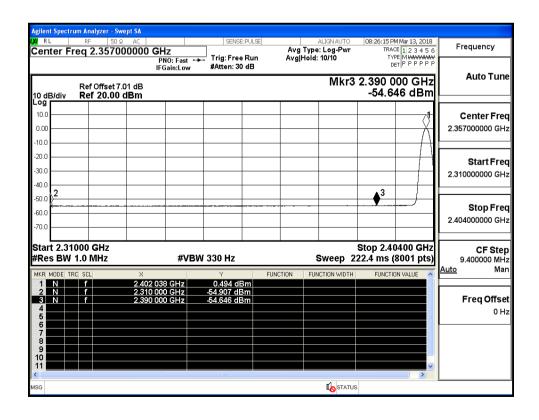
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



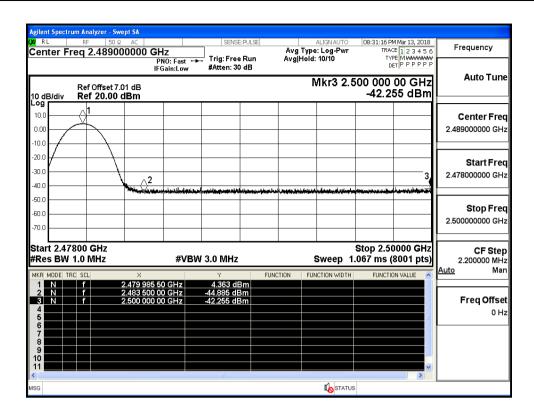
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

