Appendix A

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

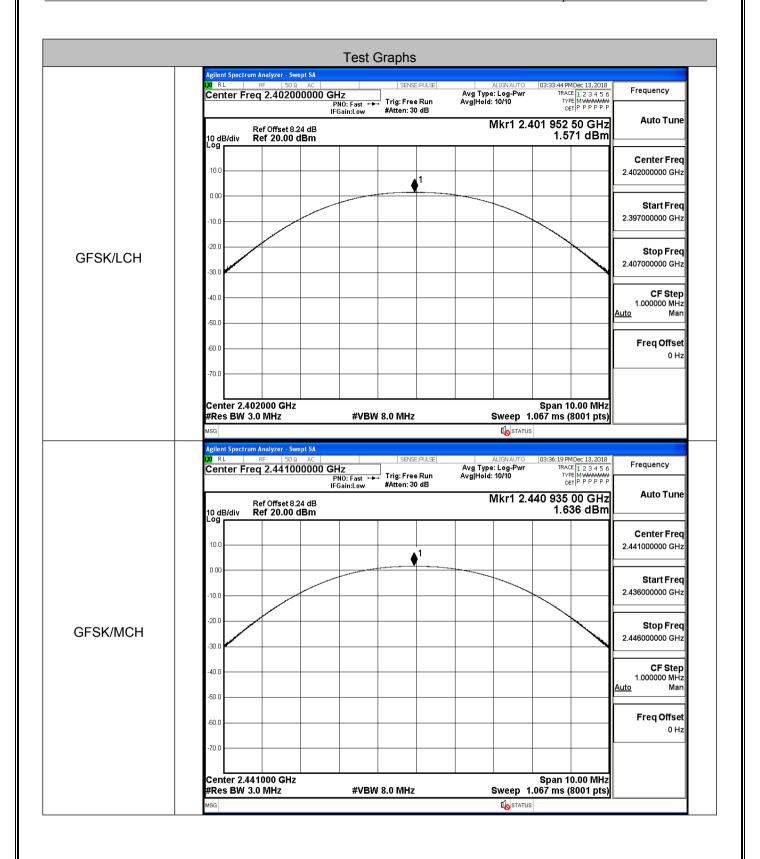
Product Name: LTE GSM/WCDMA Smartphone
Trade Mark: DOOGEE
Test Model: S80

Environmental Conditions

Temperature:	23.6 ° C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	WANGCHUANG
Supervised by:	Jayden.Zhuo

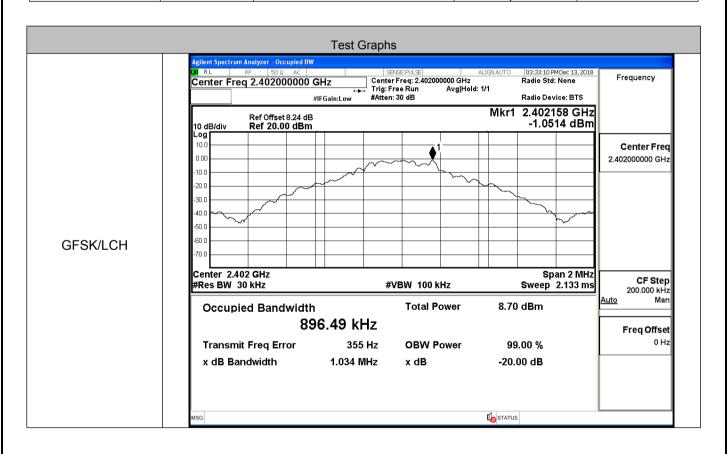
A.1 Maximum Conducted Peak Output Power

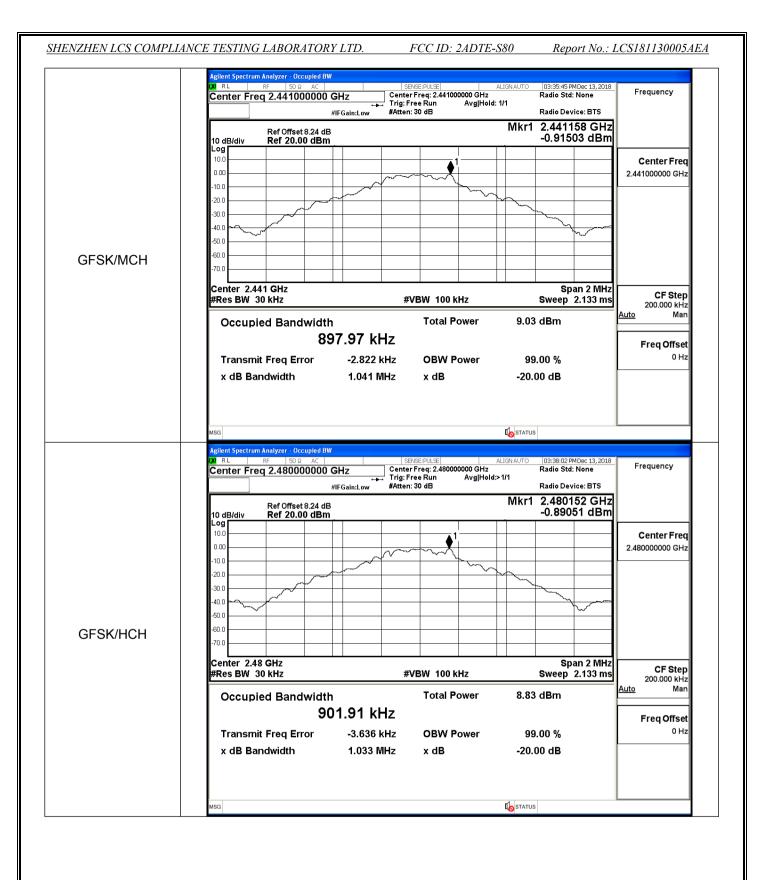
Mode	Channel.	Maximum Peak Output Power [dBm]	Maximum Average Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.571	0.032	30	PASS
GFSK	MCH	1.636	0.125	30	PASS
	HCH	1.504	0.202	30	PASS
	LCH	0.665	-0.226	21	PASS
π/4DQPSK	MCH	0.767	-0.325	21	PASS
	НСН	0.661	-0.154	21	PASS
8DPSK	LCH	0.834	-0.523	21	PASS
	МСН	0.916	-0.321	21	PASS
	НСН	0.839	-0.154	21	PASS

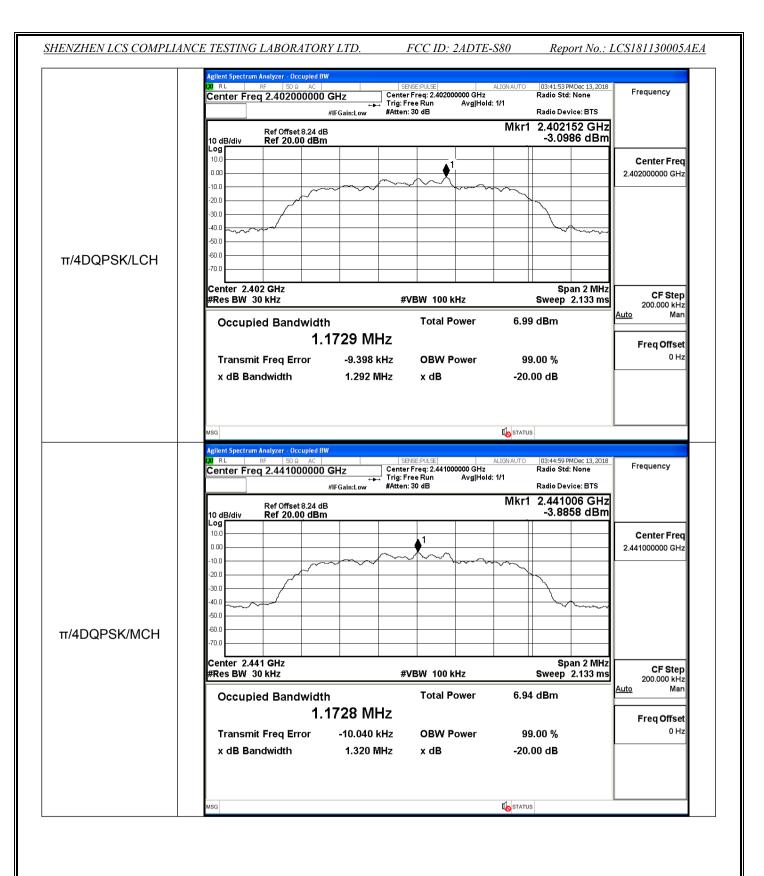


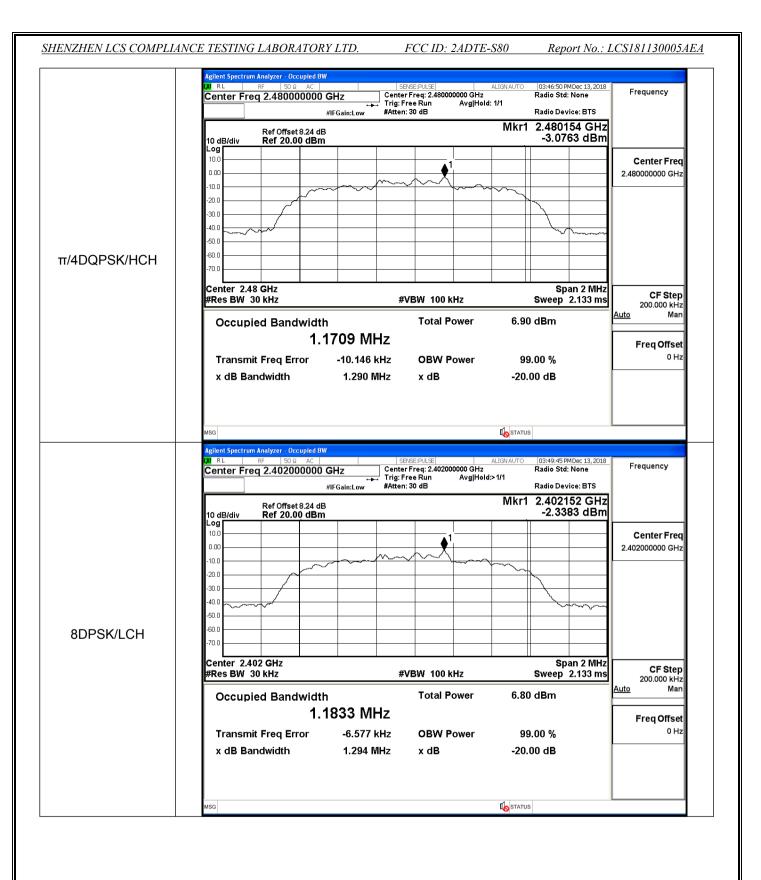
A.2 20dB Bandwidth

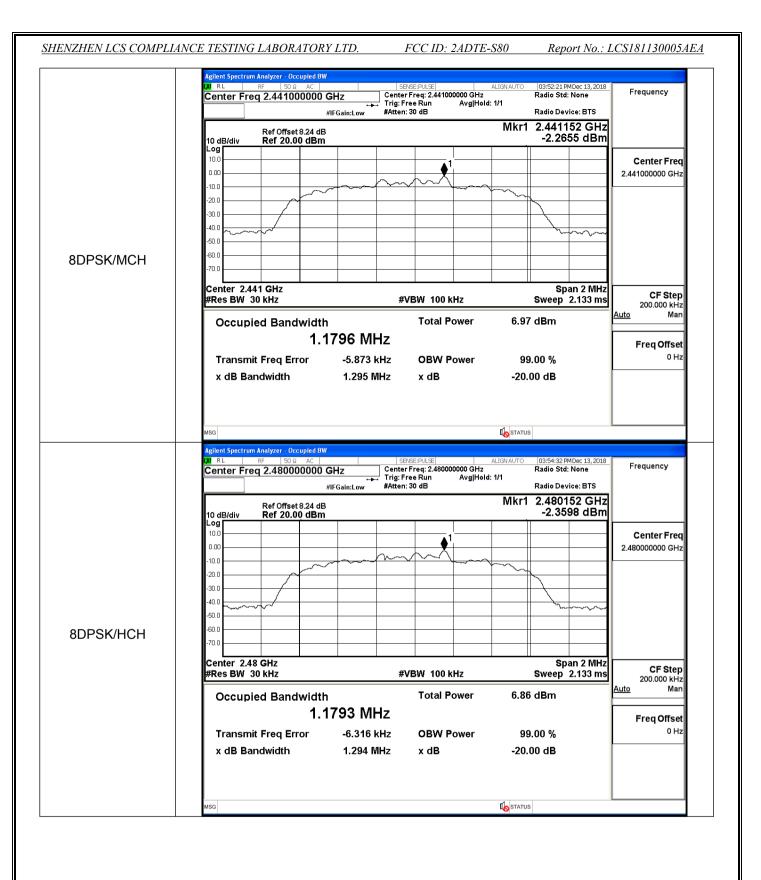
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.034	Not Specified	PASS
GFSK	MCH	1.041	Not Specified	PASS
	HCH	1.033	Not Specified	PASS
	LCH	1.292	Not Specified	PASS
π/4DQPSK	MCH	1.320	Not Specified	PASS
	HCH	1.290	Not Specified	PASS
	LCH	1.294	Not Specified	PASS
8DPSK	MCH	1.295	Not Specified	PASS
	HCH	1.294	Not Specified	PASS





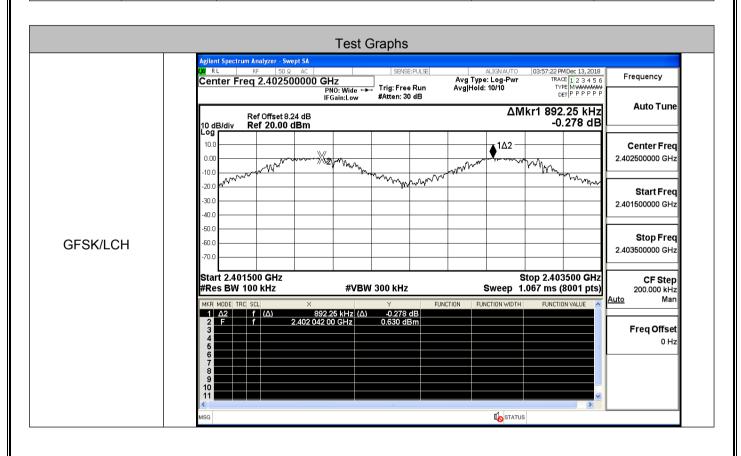






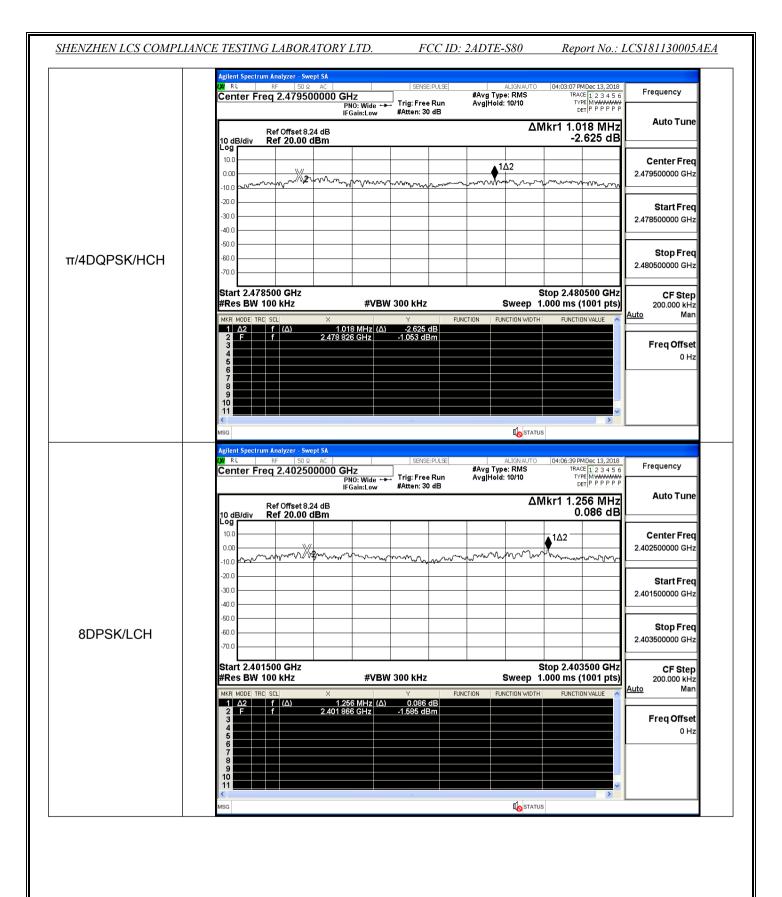
A.3 Carrier Frequency Separation

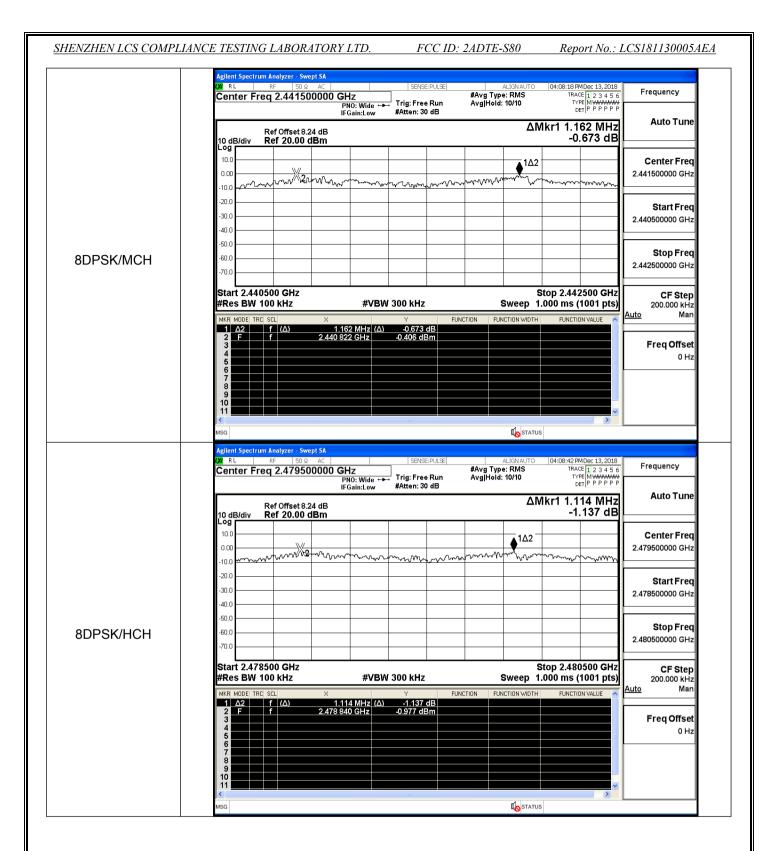
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.892	0.694	PASS
GFSK	MCH	0.720	0.694	PASS
	НСН	0.704	0.694	PASS
	LCH	1.014	0.880	PASS
π/4DQPSK	MCH	1.324	0.880	PASS
	HCH	1.018	0.880	PASS
	LCH	1.256	0.863	PASS
8DPSK	MCH	1.162	0.863	PASS
	HCH	1.114	0.863	PASS











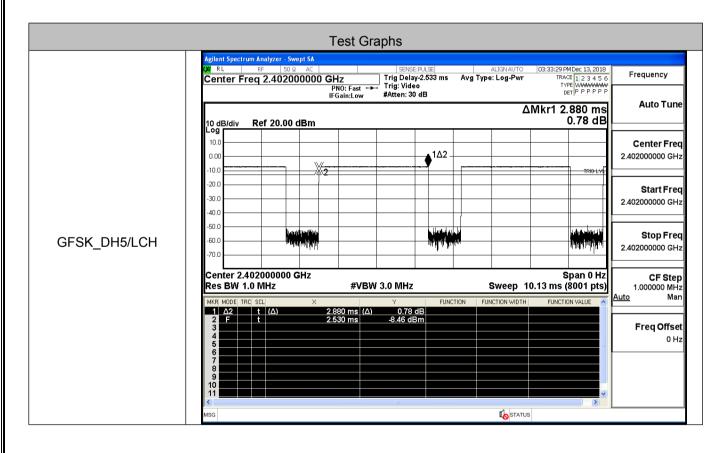
A.4 Hopping Channel Number

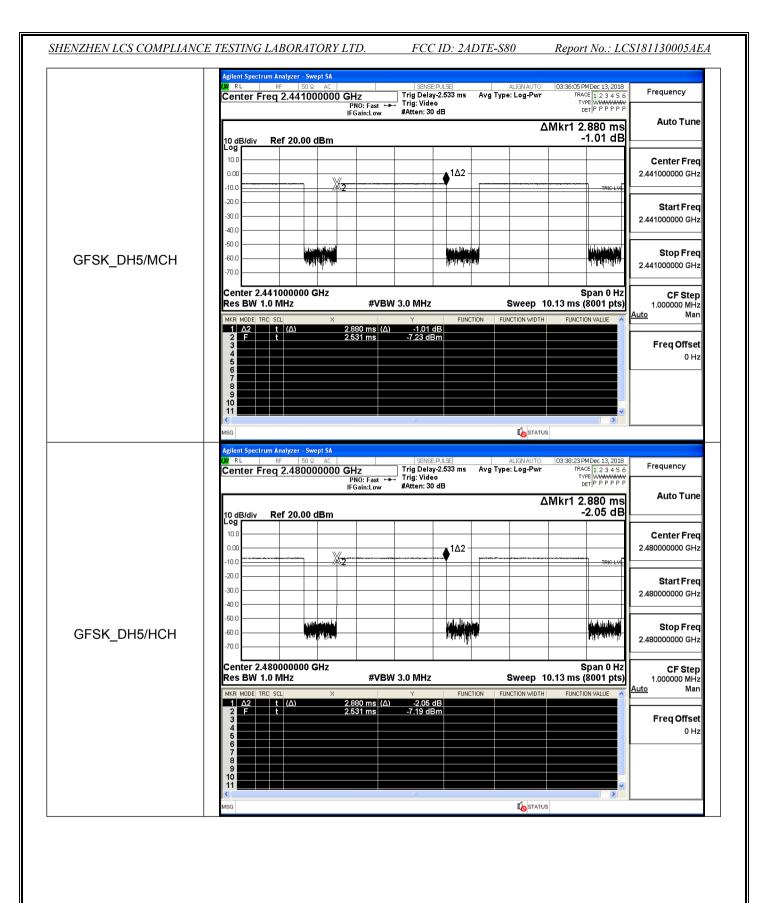
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS

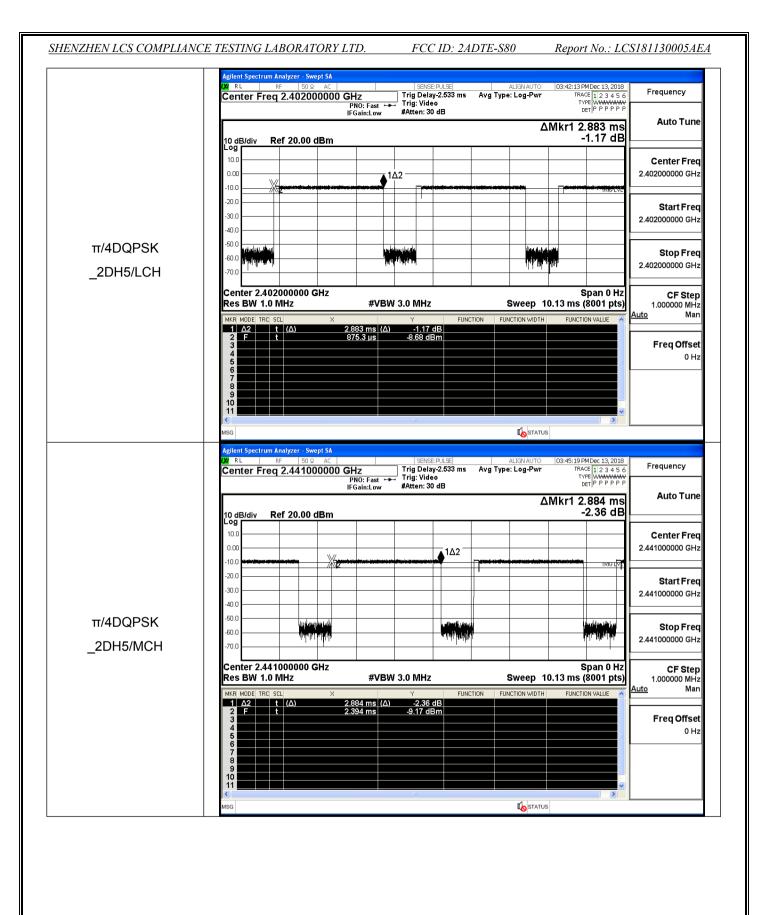
FCC ID: 2ADTE-S80

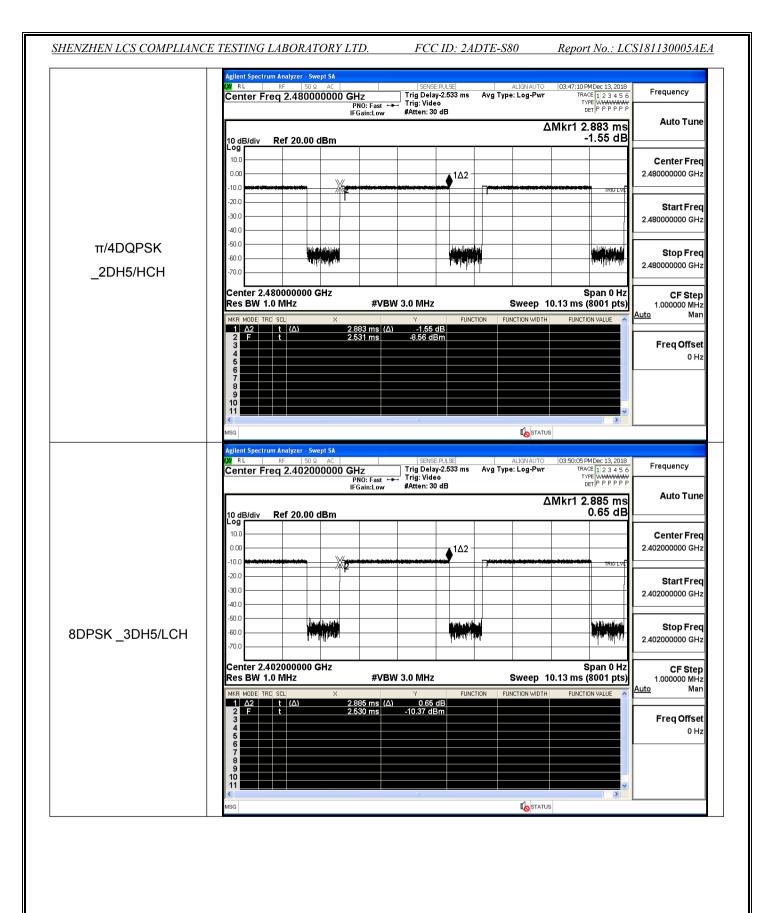
A.5 Dwell Time

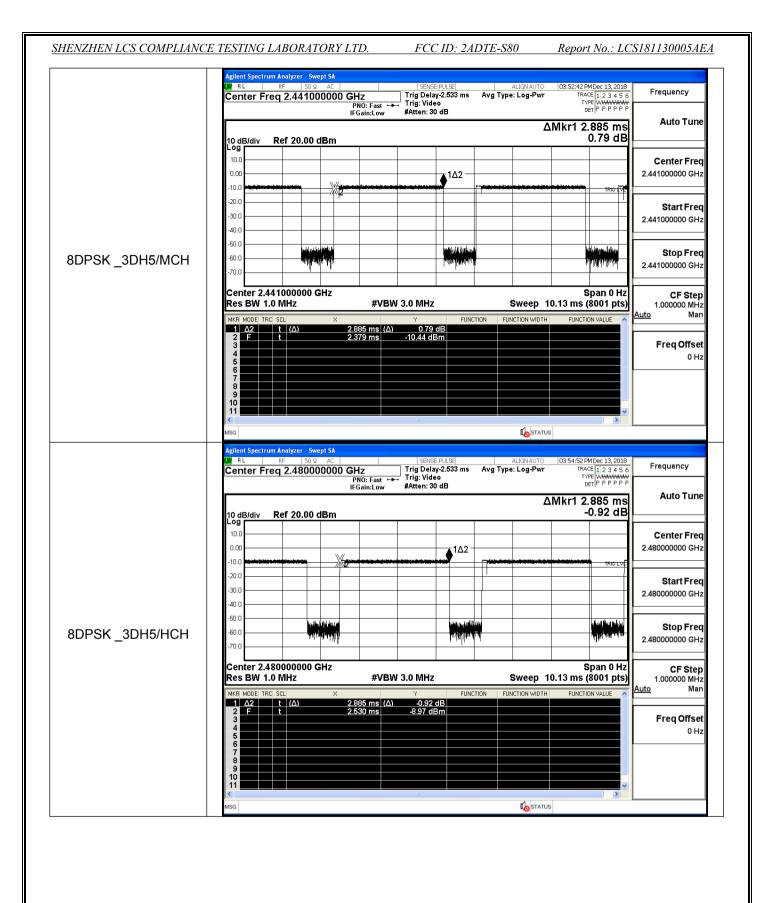
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	НСН	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	НСН	2.88	106.7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





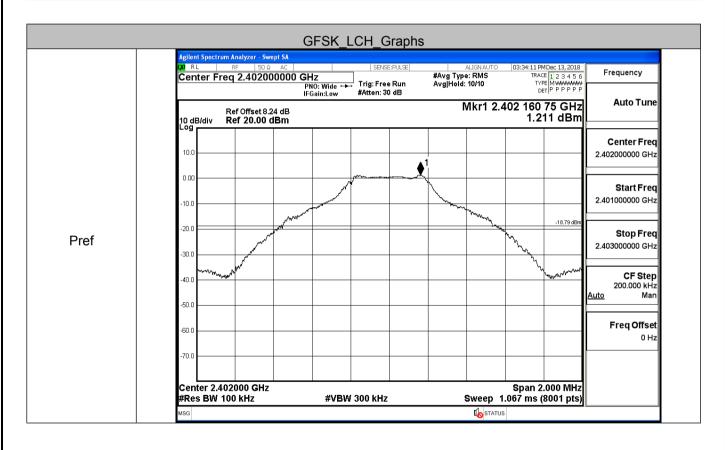






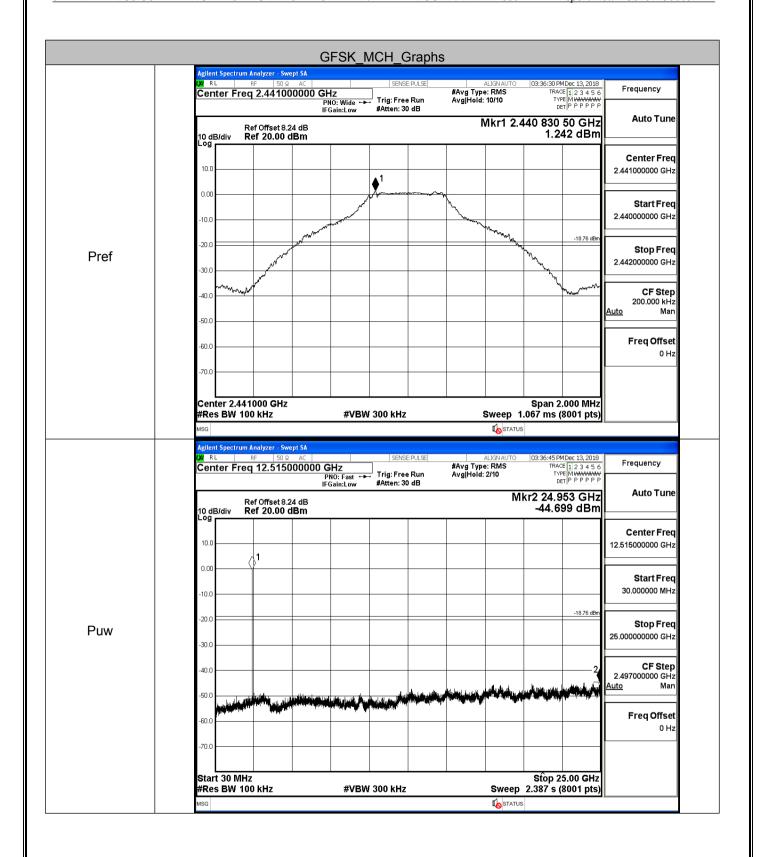
A.6 RF Conducted Spurious Emissions

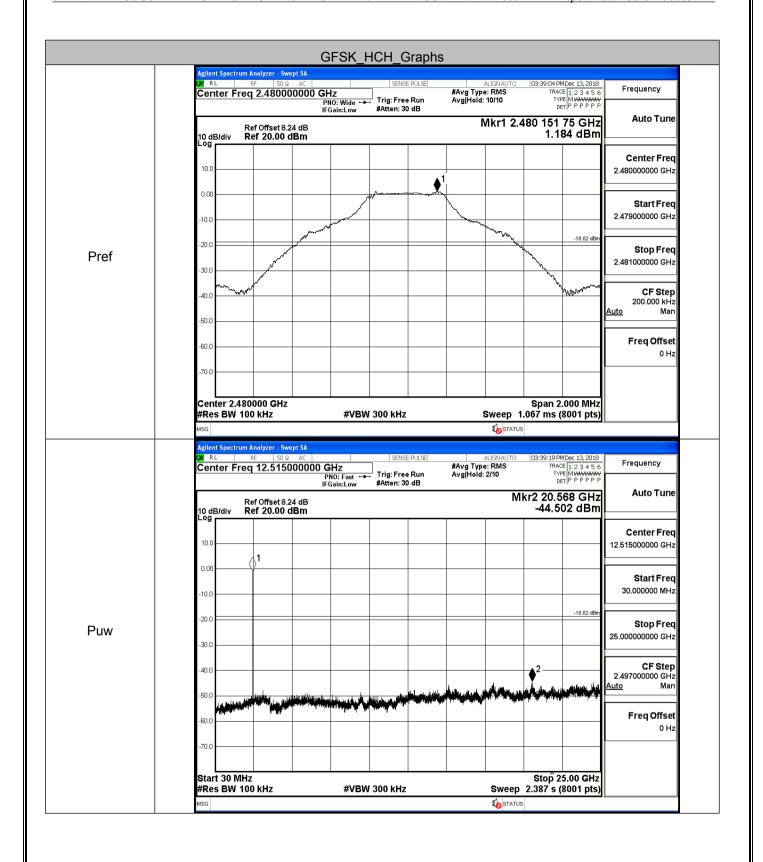
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	1.211	-44.322	-18.789	PASS
GFSK	MCH	1.242	-44.699	-18.758	PASS
	HCH	1.184	-44.502	-18.816	PASS
	LCH	-0.283	-44.761	-20.283	PASS
π/4DQPSK	MCH	-0.209	-44.566	-20.209	PASS
	HCH	-0.439	-43.848	-20.439	PASS
	LCH	-0.356	-44.701	-20.356	PASS
8DPSK	MCH	-0.934	-44.613	-20.934	PASS
	HCH	-0.274	-44.276	-20.274	PASS

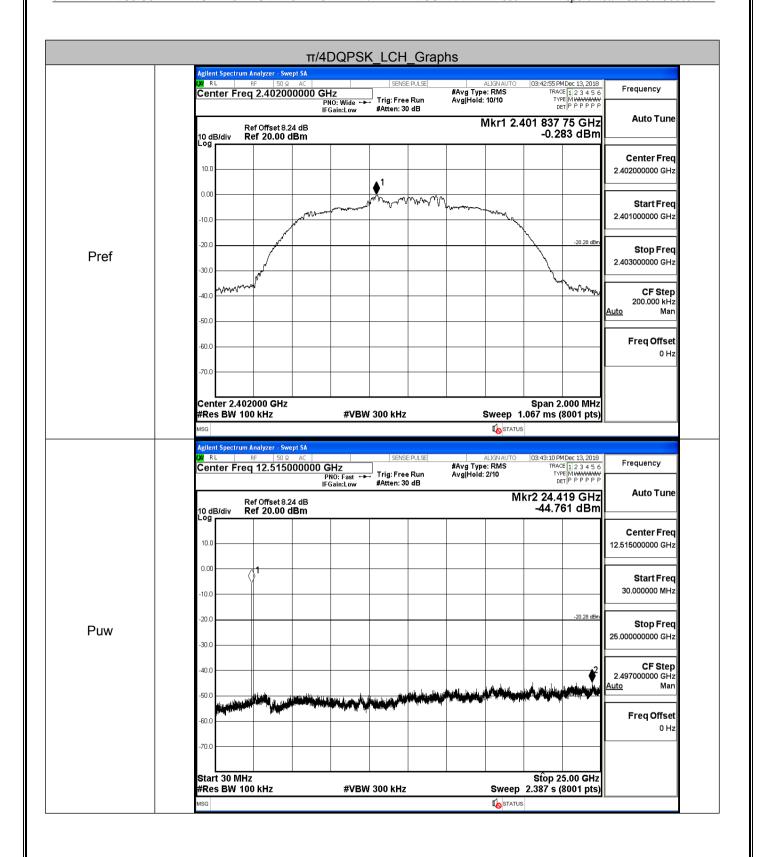


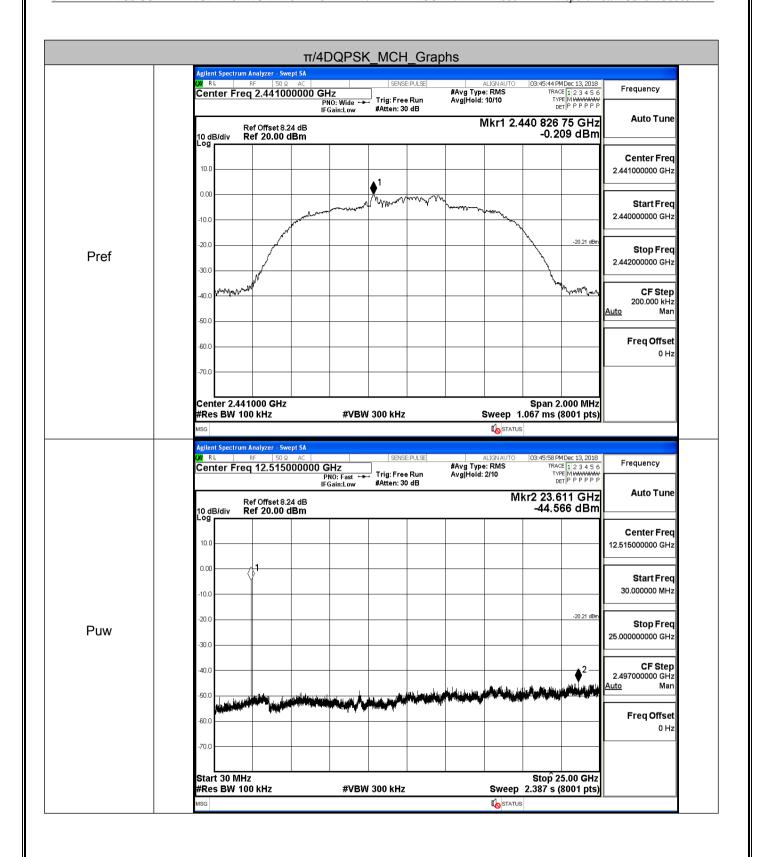
#VBW 300 kHz

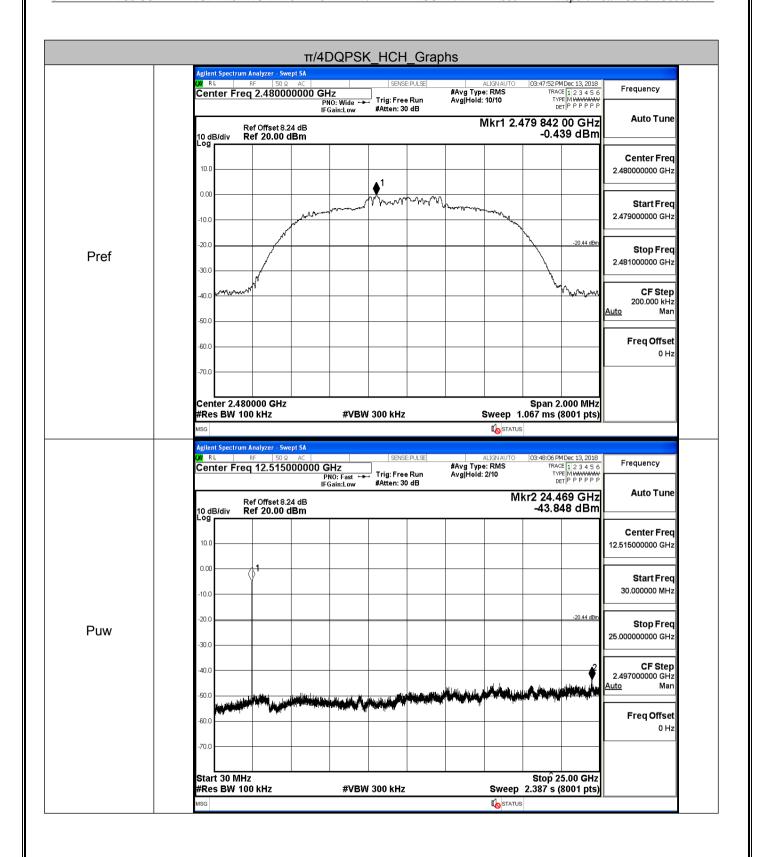
STATUS

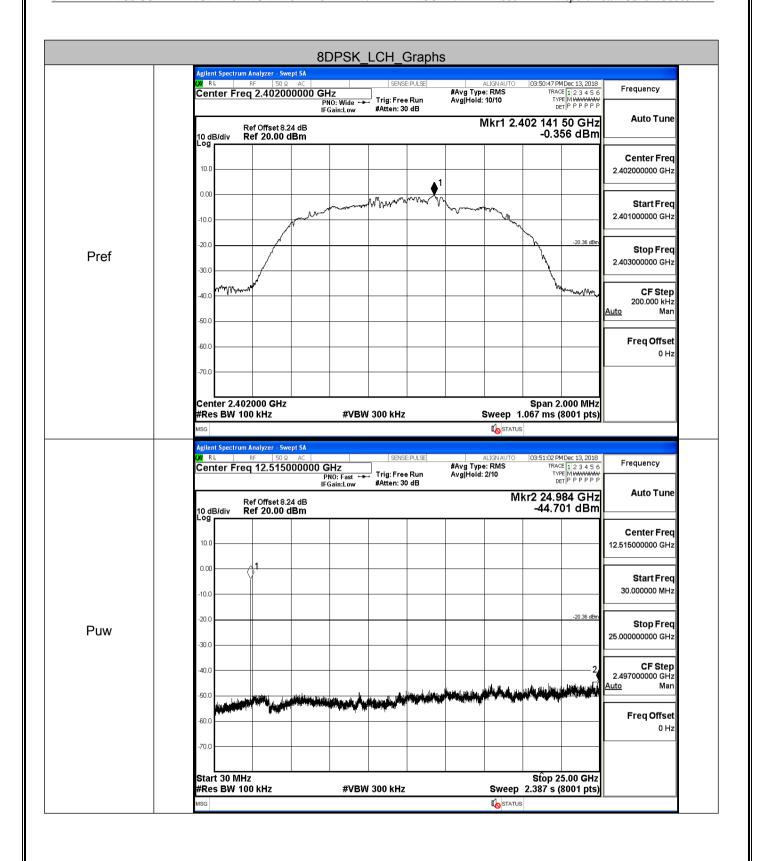


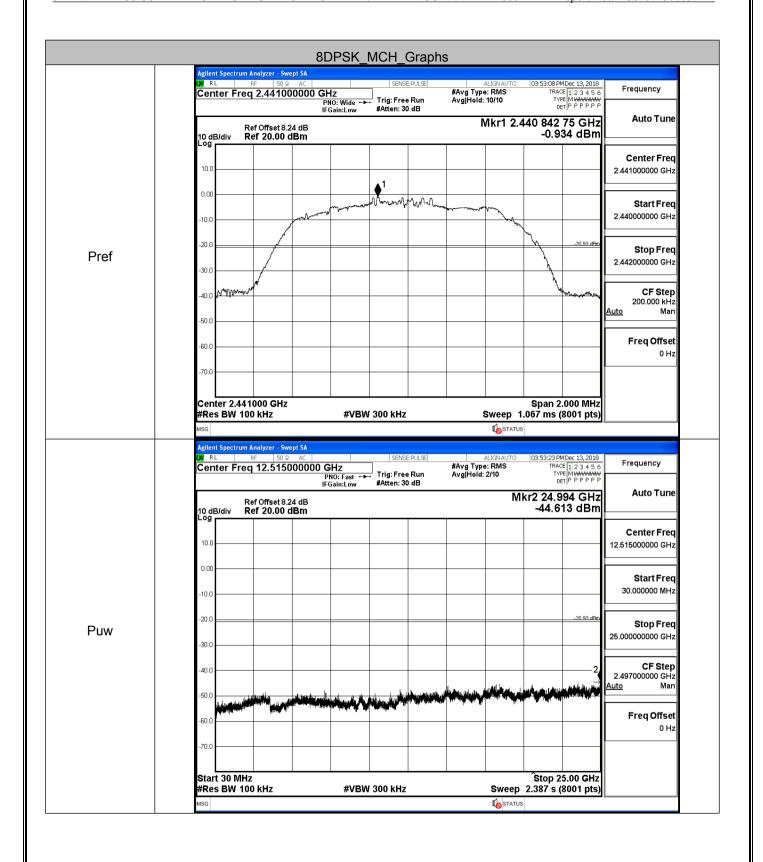


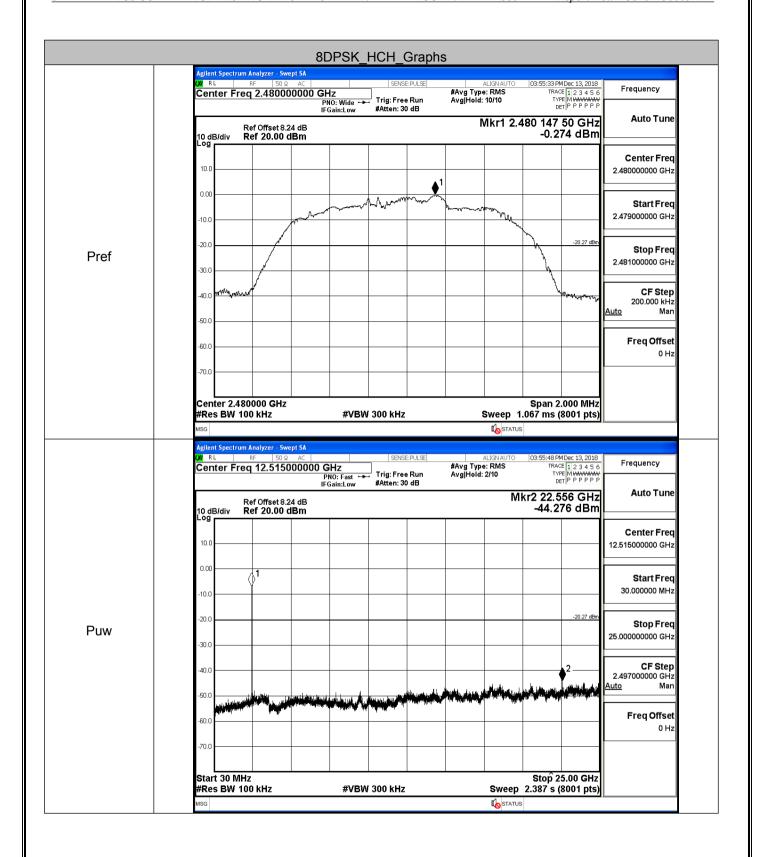






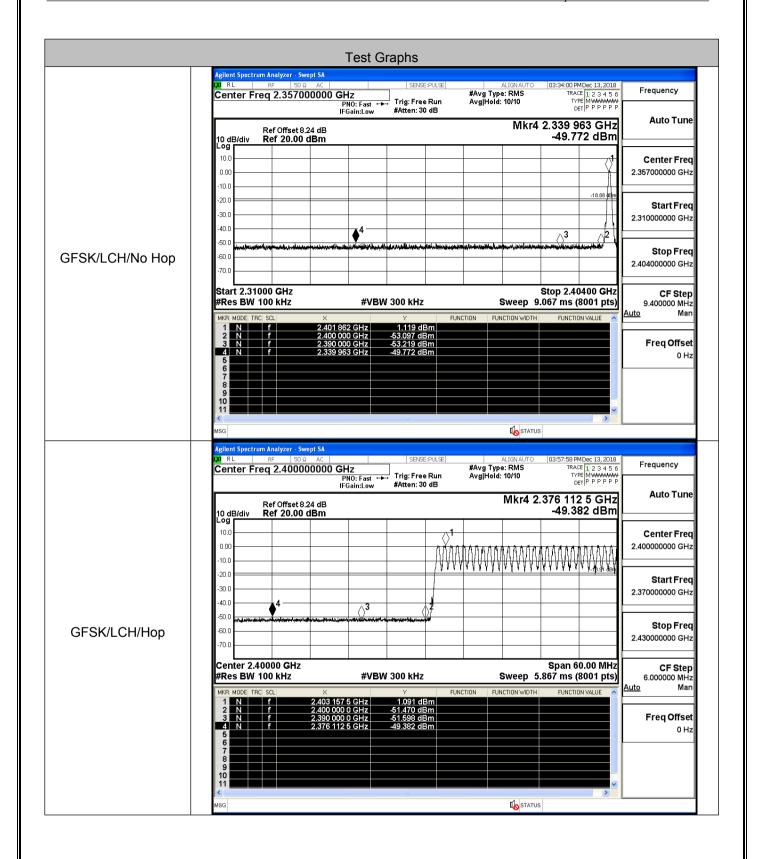


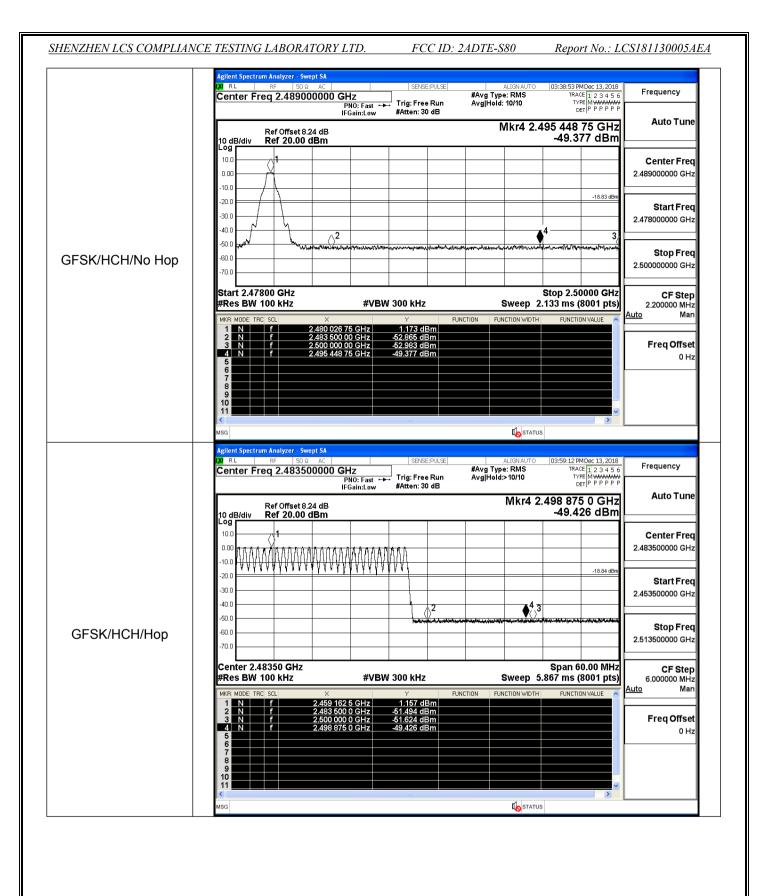


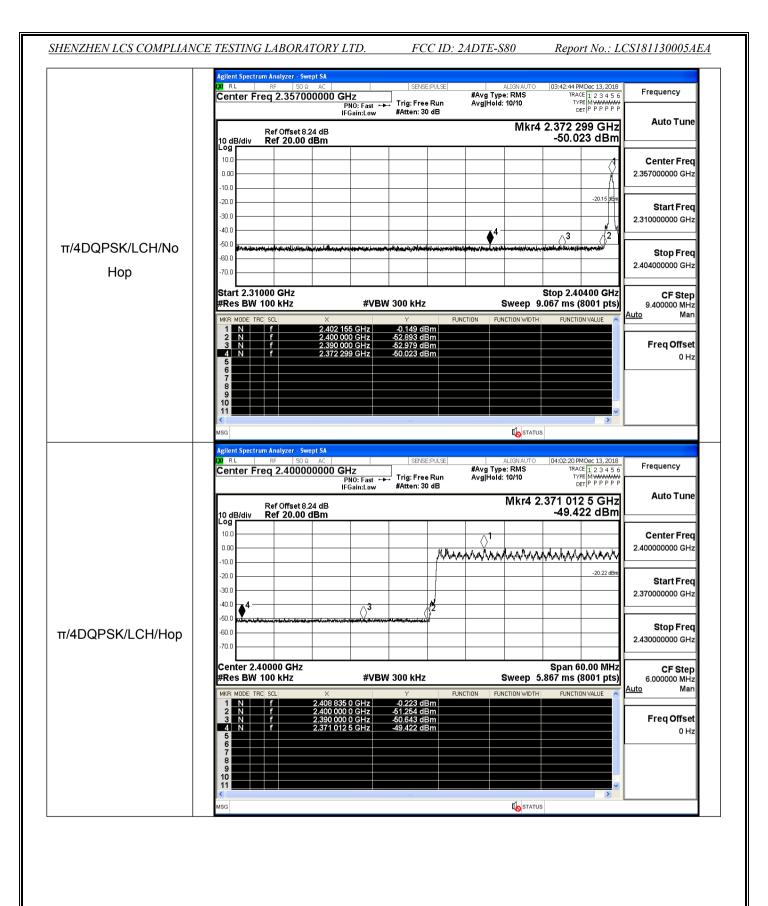


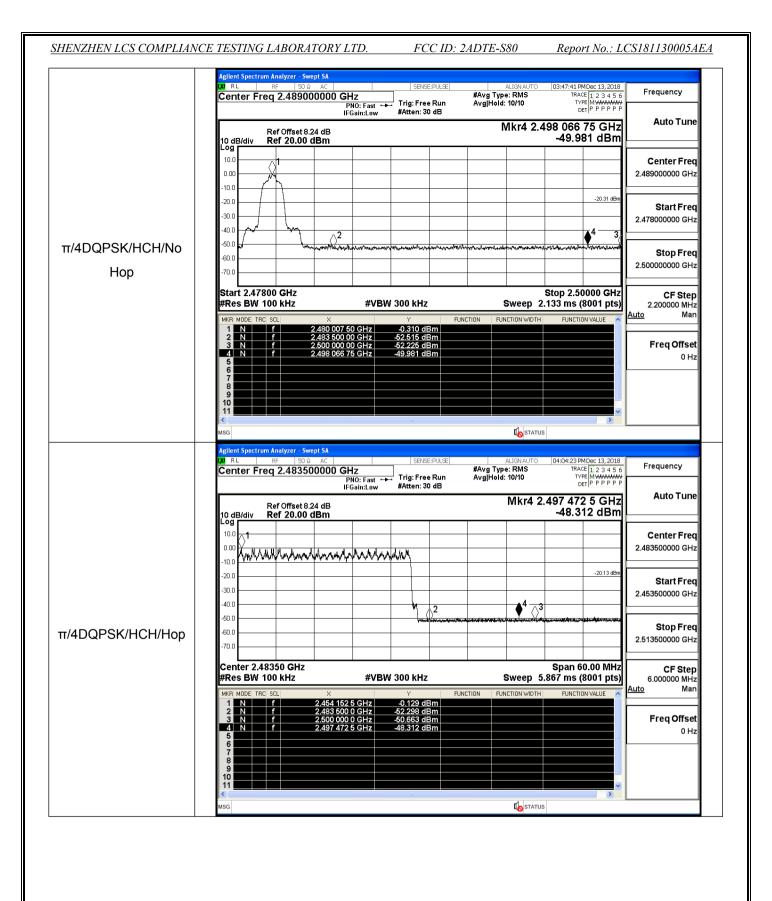
A.7 Band-edge for RF Conducted Emissions

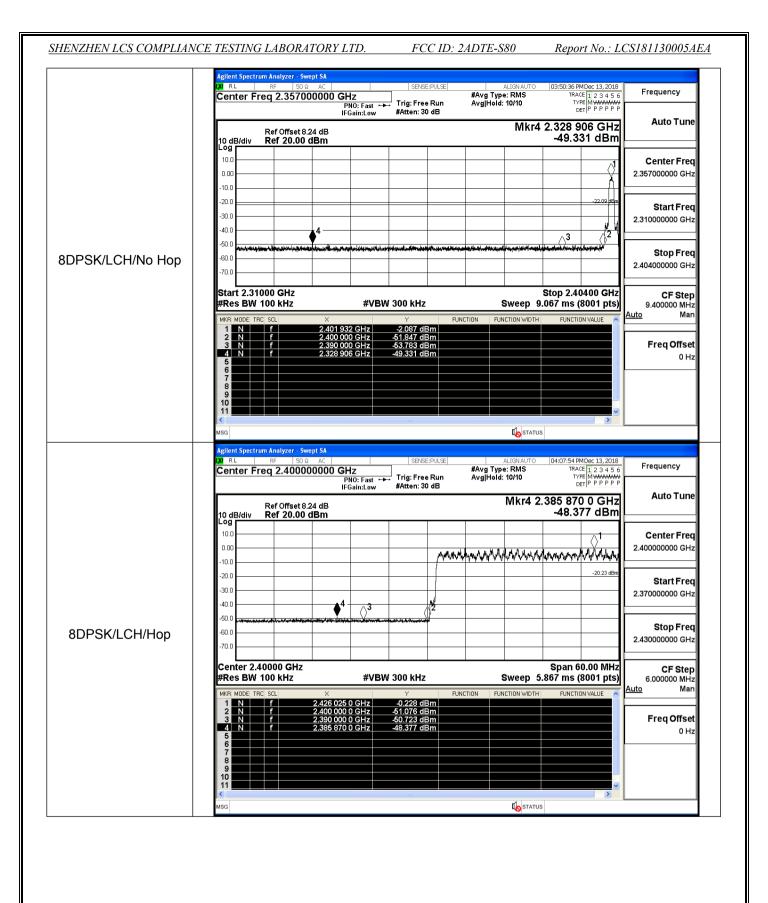
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
		0.400	1.119	Off	-49.772	-18.88	PASS
0501	LCH	2402	1.091	On	-49.382	-18.91	PASS
GFSK	НСН		1.173	Off	-49.377	-18.83	PASS
		2480	1.157	On	-49.426	-18.84	PASS
	LCH		-0.149	Off	-50.023	-20.15	PASS
		2402	-0.223	On	-49.422	-20.22	PASS
π/4DQPSK	НСН	d 2480	-0.310	Off	-49.981	-20.31	PASS
			-0.129	On	-48.312	-20.13	PASS
		.CH 2402	-2.087	Off	-49.331	-22.09	PASS
8DPSK	LCH		-0.228	On	-48.377	-20.23	PASS
			-0.262	Off	-50.023	-20.26	PASS
	HCH	2480	-0.243	On	-49.347	-20.24	PASS

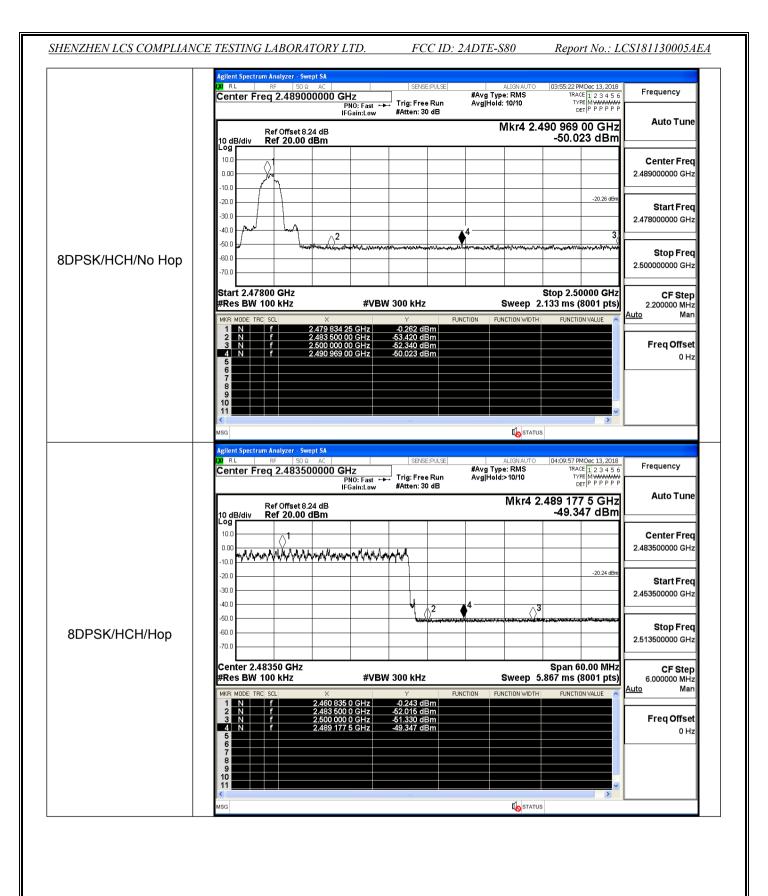








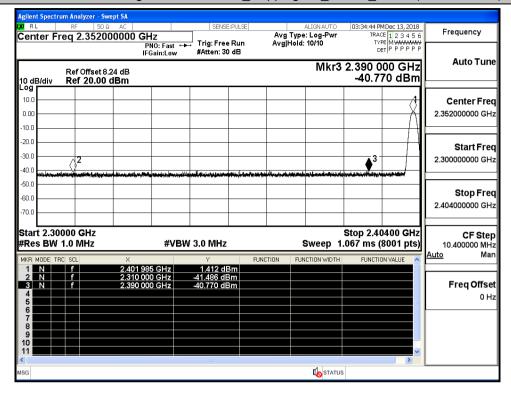




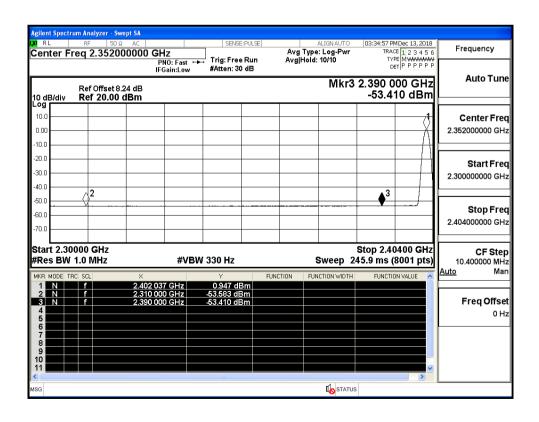
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-41.49	0.0	0	53.74	PEAK	74	PASS
	Off	2310.0	-53.58	0.0	0	41.65	AV	54	PASS
	Off	2390.0	-40.77	0.0	0	54.46	PEAK	74	PASS
GFSK	Off	2390.0	-53.41	0.0	0	41.82	AV	54	PASS
GFSK	Off	2483.5	-43.20	0.0	0	52.03	PEAK	74	PASS
	Off	2483.5	-53.07	0.0	0	42.16	AV	54	PASS
	Off	2500.0	-42.53	0.0	0	52.70	PEAK	74	PASS
	Off	2500.0	-52.91	0.0	0	42.32	AV	54	PASS
	Off	2310.0	-41.79	0.0	0	53.44	PEAK	74	PASS
	Off	2310.0	-53.55	0.0	0	41.68	AV	54	PASS
	Off	2390.0	-43.06	0.0	0	52.17	PEAK	74	PASS
π/4DQPSK	Off	2390.0	-53.34	0.0	0	41.89	AV	54	PASS
II/4DQP3K	Off	2483.5	-42.46	0.0	0	52.77	PEAK	74	PASS
	Off	2483.5	-52.99	0.0	0	42.24	AV	54	PASS
	Off	2500.0	-42.53	0.0	0	52.70	PEAK	74	PASS
	Off	2500.0	-52.93	0.0	0	42.30	AV	54	PASS
	Off	2310.0	-42.75	0.0	0	52.48	PEAK	74	PASS
	Off	2310.0	-53.65	0.0	0	41.58	AV	54	PASS
	Off	2390.0	-43.46	0.0	0	51.77	PEAK	74	PASS
8DPSK	Off	2390.0	-53.33	0.0	0	41.90	AV	54	PASS
ODPSK	Off	2483.5	-42.98	0.0	0	52.25	PEAK	74	PASS
	Off	2483.5	-52.93	0.0	0	42.30	AV	54	PASS
	Off	2500.0	-41.69	0.0	0	53.54	PEAK	74	PASS
	Off	2500.0	-52.98	0.0	0	42.25	AV	54	PASS

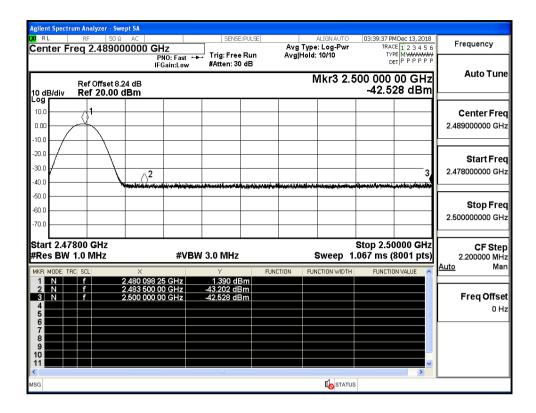
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



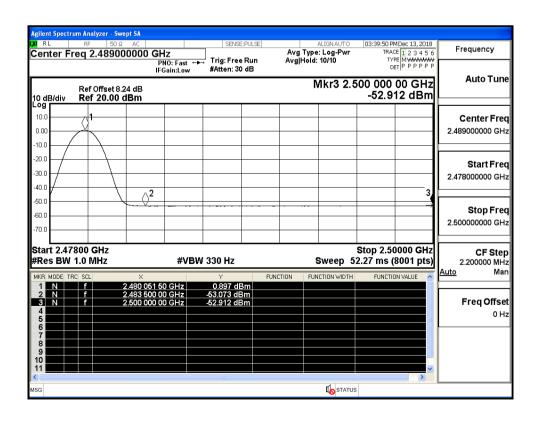
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



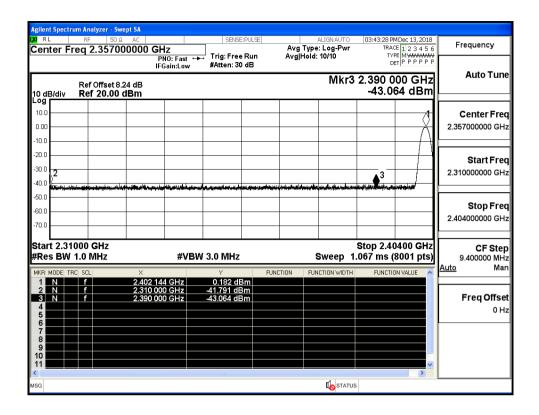
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



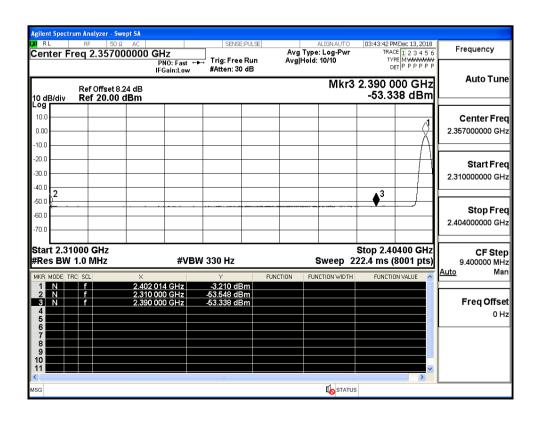
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



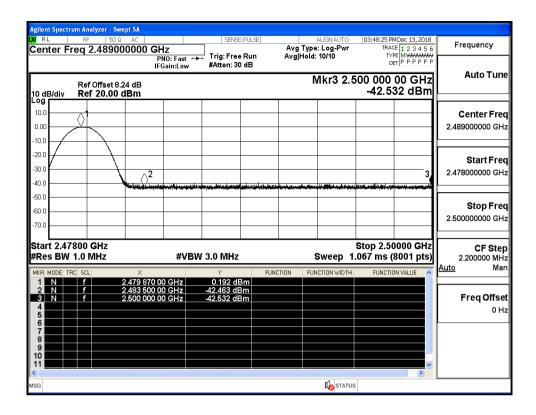
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



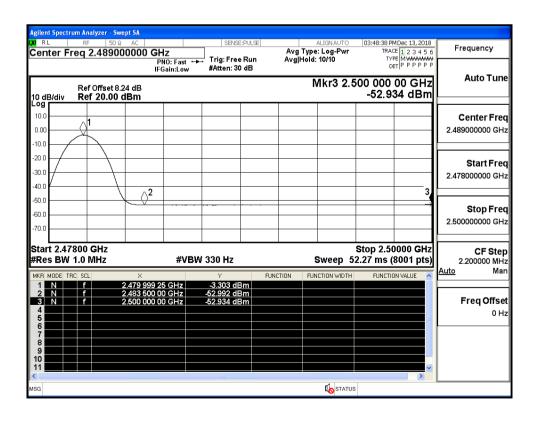
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



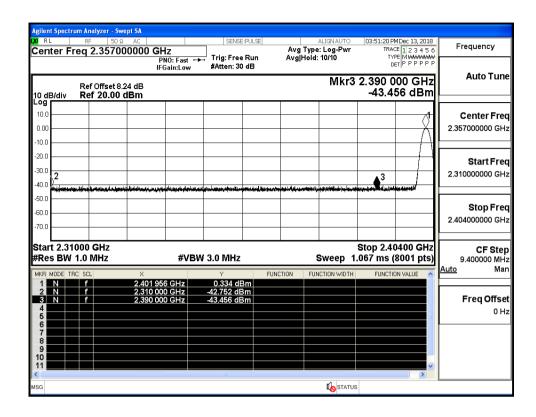
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



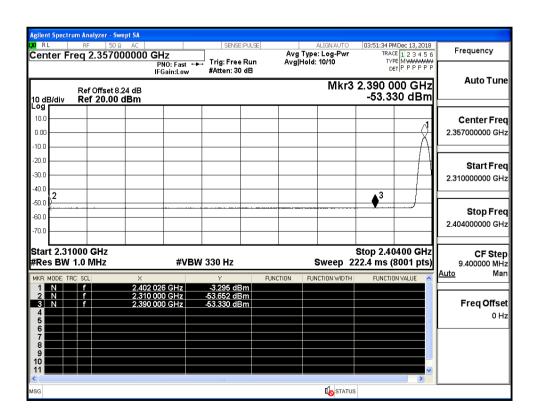
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



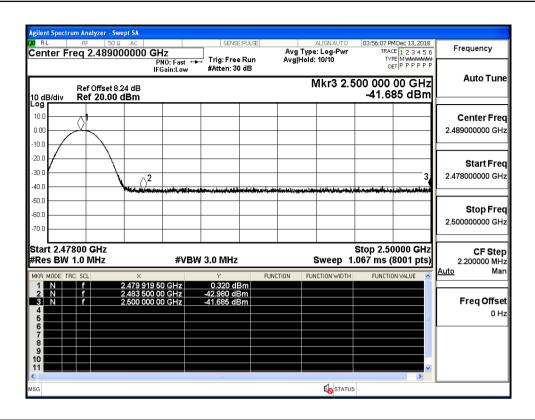
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

