Appendix A

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

Product Name: Two in one convertible notebook

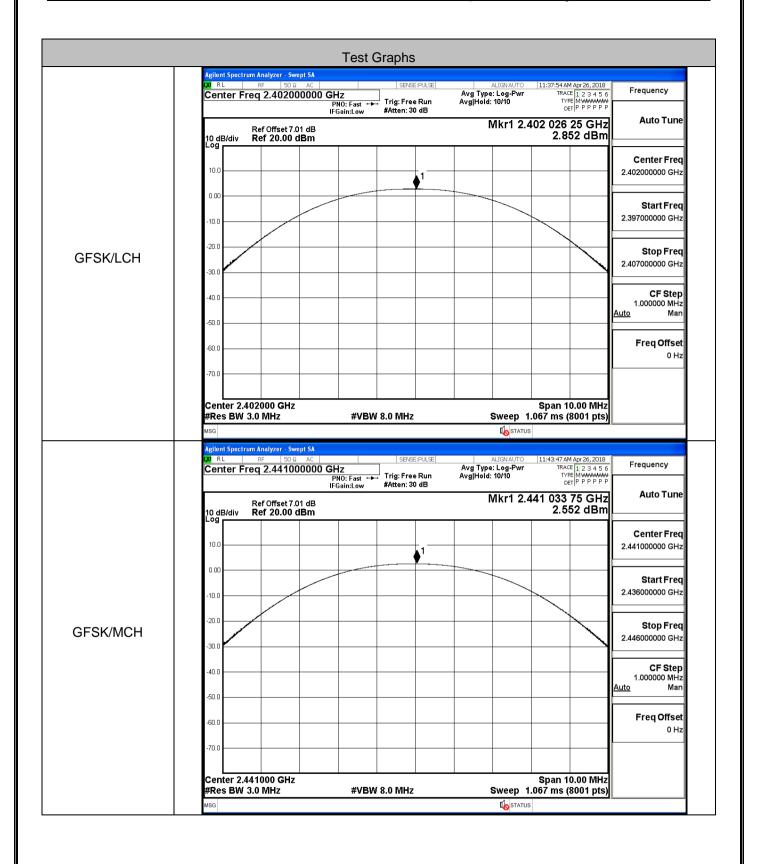
Trade Mark: YUKO Test Model: A1162

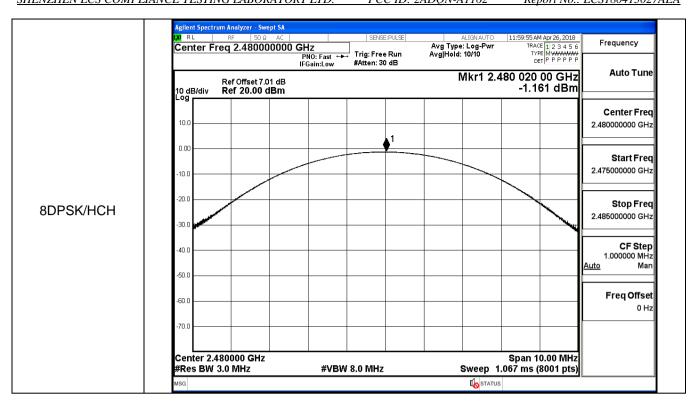
Environmental Conditions

Temperature:	22.6 ° C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Jayden.Zhuo

A.1 Maxmum Conducted Peak Output Power

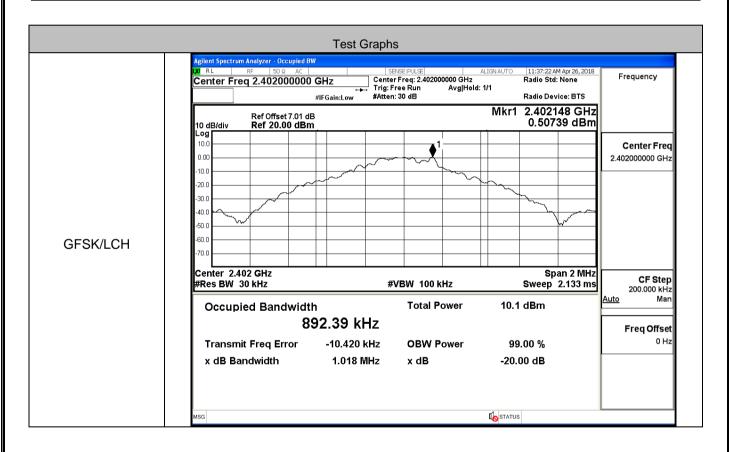
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	2.852	21	PASS
GFSK	MCH	2.552	21	PASS
	НСН	2.199	21	PASS
	LCH	-0.741	21	PASS
π/4DQPSK	MCH	-1.023	21	PASS
	НСН	-1.545	21	PASS
	LCH	-0.509	21	PASS
8DPSK	8DPSK MCH -0.770		21	PASS
	HCH	-1.161	21	PASS





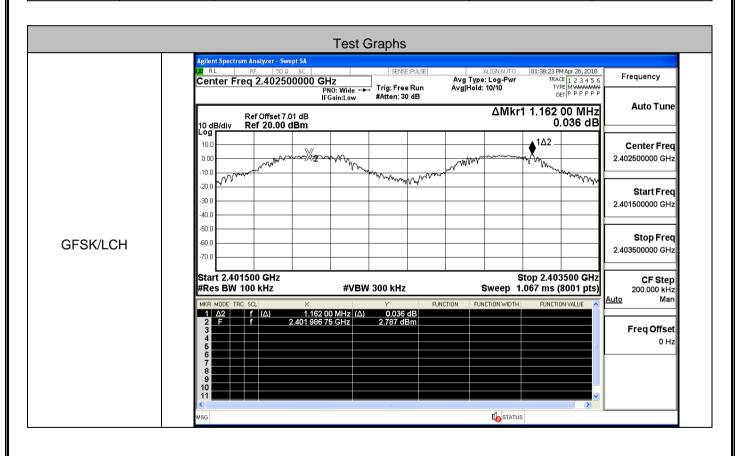
A.2 20dB Bandwidth

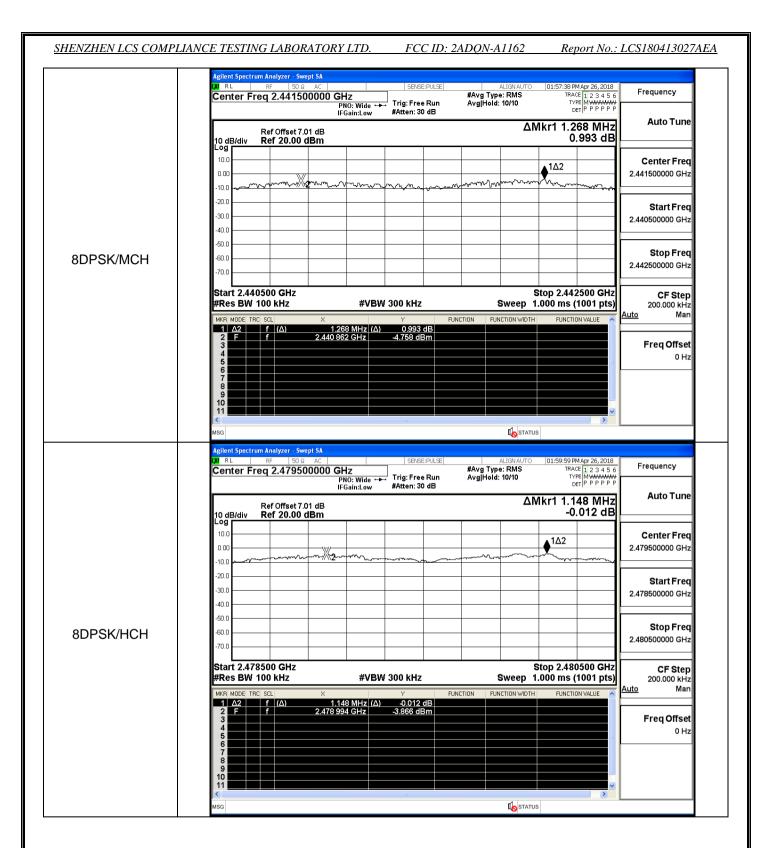
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.018	Not Specified	PASS
GFSK	MCH	0.9925	Not Specified	PASS
	HCH	0.9921	Not Specified	PASS
	LCH	1.503	Not Specified	PASS
π/4DQPSK	MCH	1.505	Not Specified	PASS
	НСН	1.516	Not Specified	PASS
	LCH	1.484	Not Specified	PASS
8DPSK	MCH	1.484	Not Specified	PASS
	HCH	1.488	Not Specified	PASS



A.3 Carrier Frequency Separation

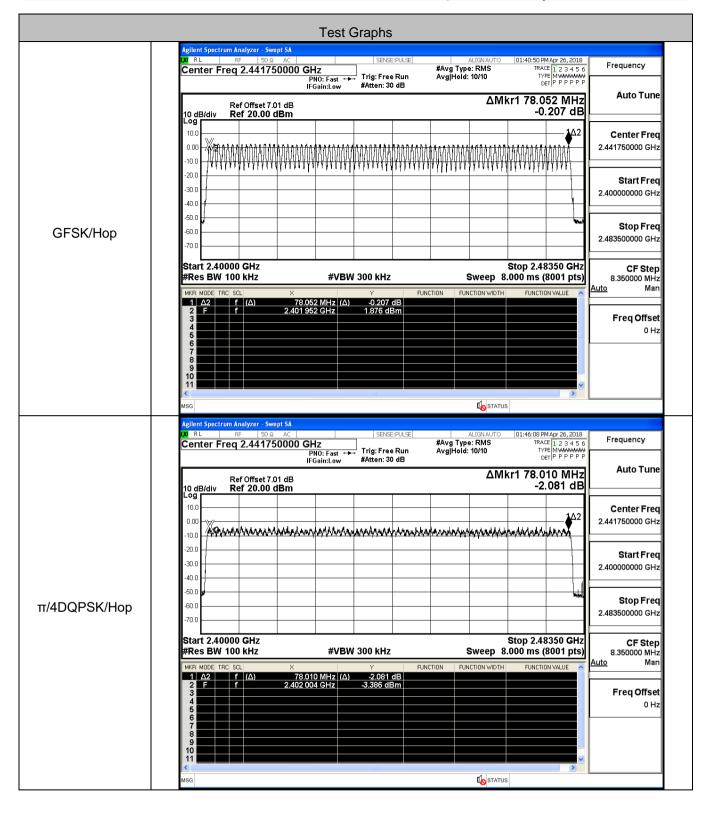
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.162	0.679	PASS
GFSK	MCH	0.946	0.679	PASS
	HCH	1.016	0.679	PASS
	LCH	1.094	1.011	PASS
π/4DQPSK	MCH	1.030	1.011	PASS
	НСН	1.044	1.011	PASS
	LCH	1.136	0.992	PASS
8DPSK	MCH	1.268	0.992	PASS
	НСН	1.148	0.992	PASS





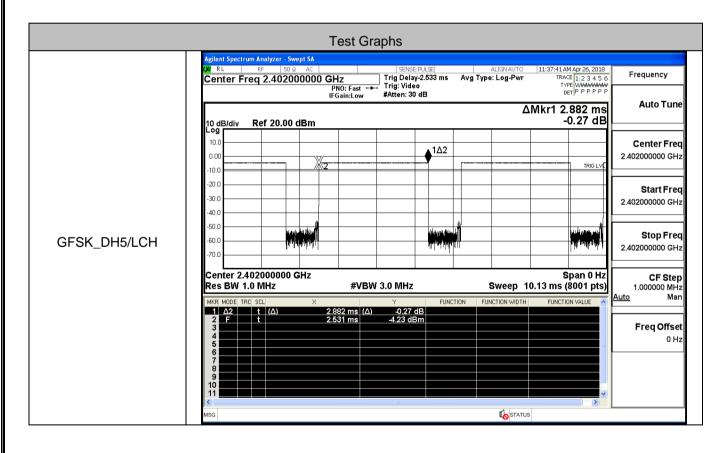
A.4 Hopping Channel Number

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



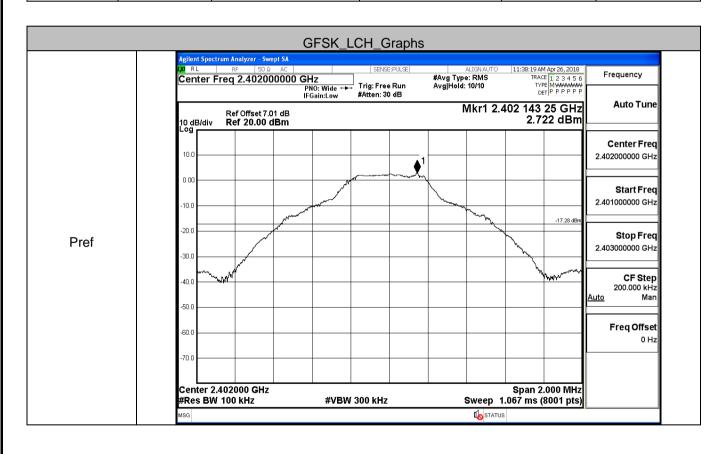
A.5 Dwell Time

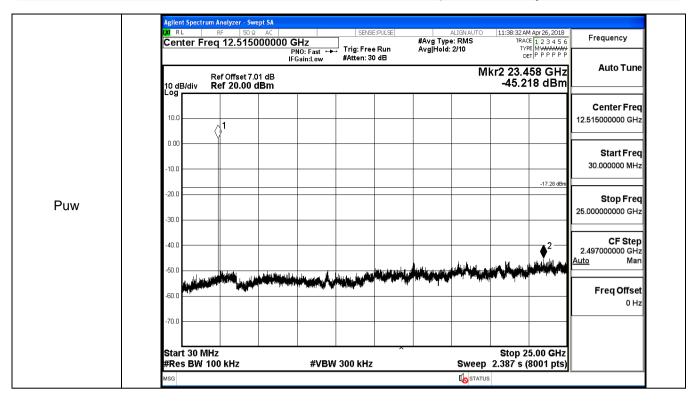
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7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

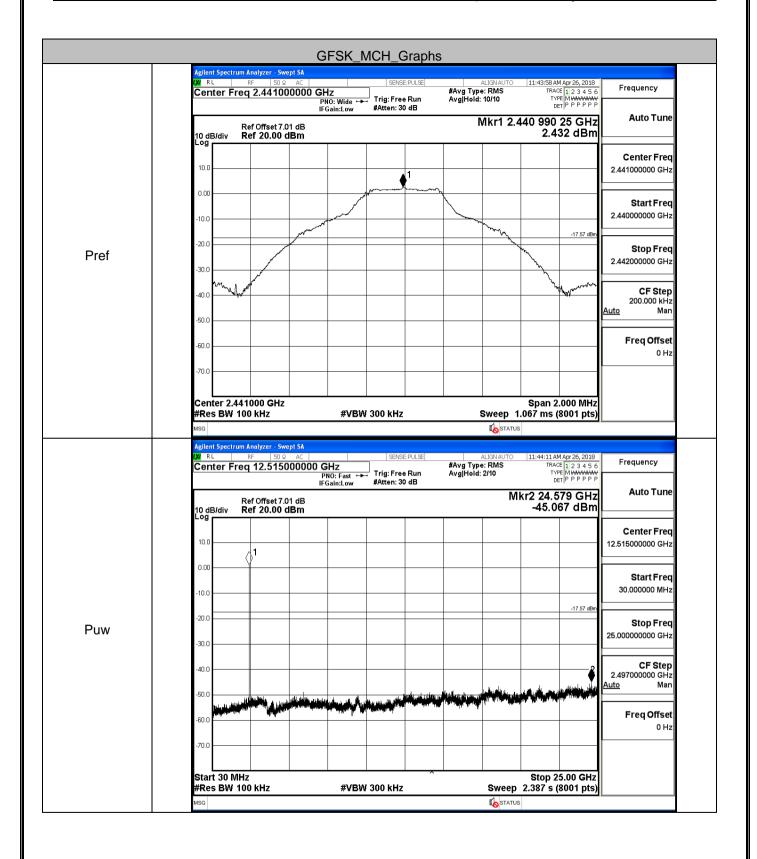


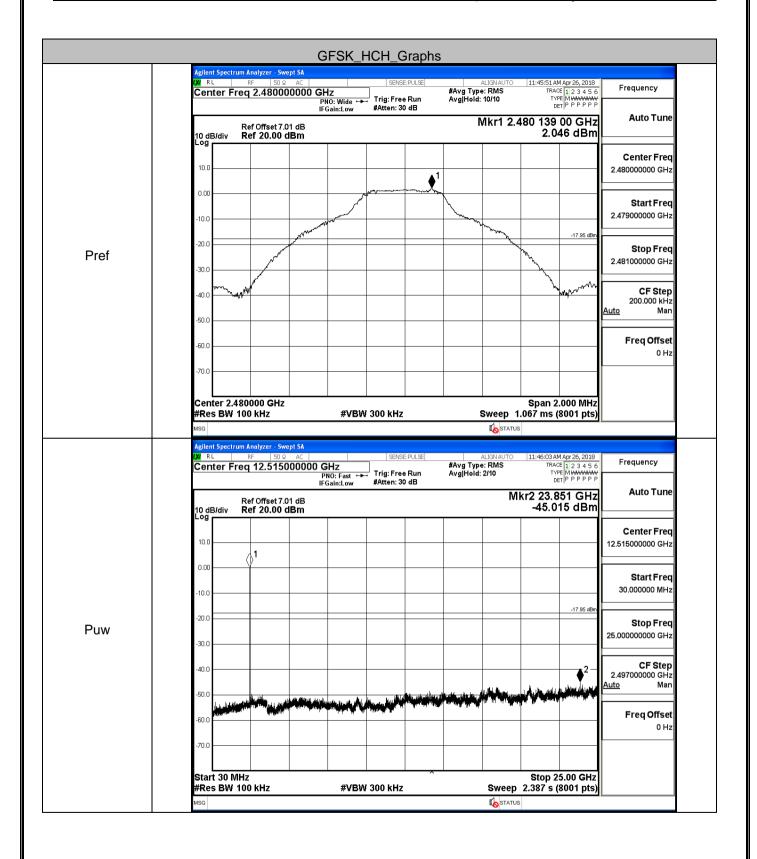
A.6 RF Conducted Spurious Emissions

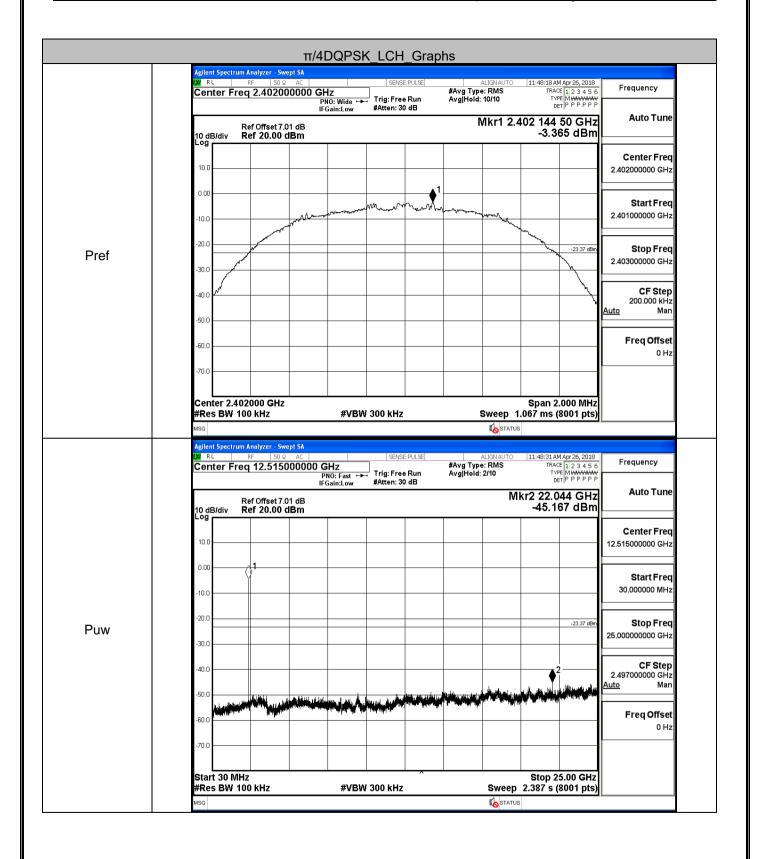
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	2.722	-45.218	-17.278	PASS
GFSK	MCH	2.432	-45.067	-17.568	PASS
	HCH	2.046	-45.015	-17.954	PASS
	LCH	-3.365	-45.167	-23.365	PASS
π/4DQPSK	MCH	-3.783	-45.533	-23.783	PASS
	HCH	-4.247	-45.981	-24.247	PASS
	LCH	-3.339	-45.476	-23.339	PASS
8DPSK	MCH	-3.472	-45.040	-23.472	PASS
	HCH	-3.858	-45.192	-23.858	PASS

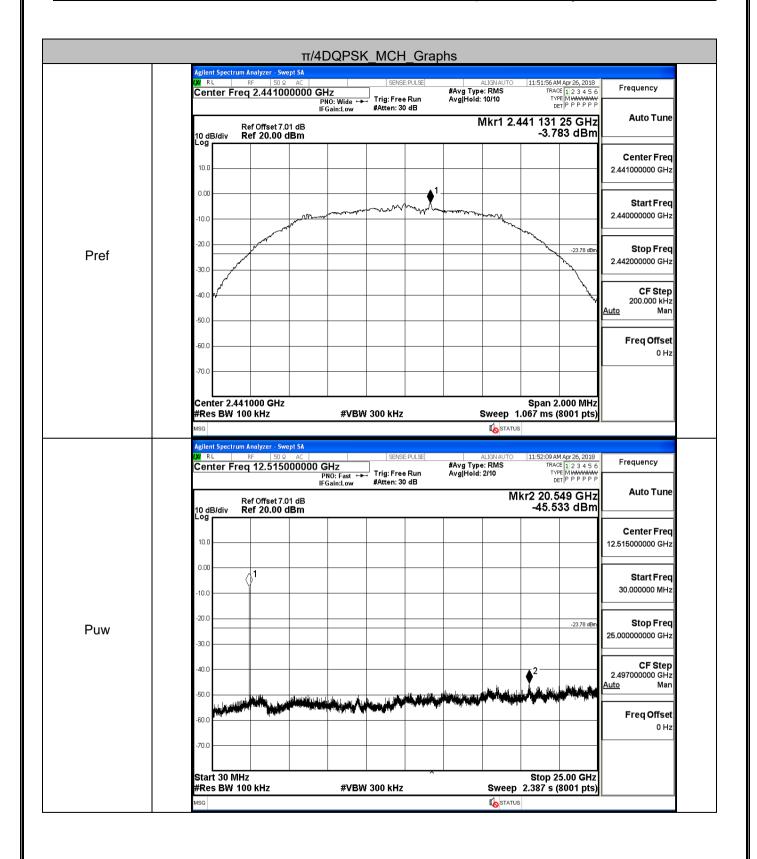


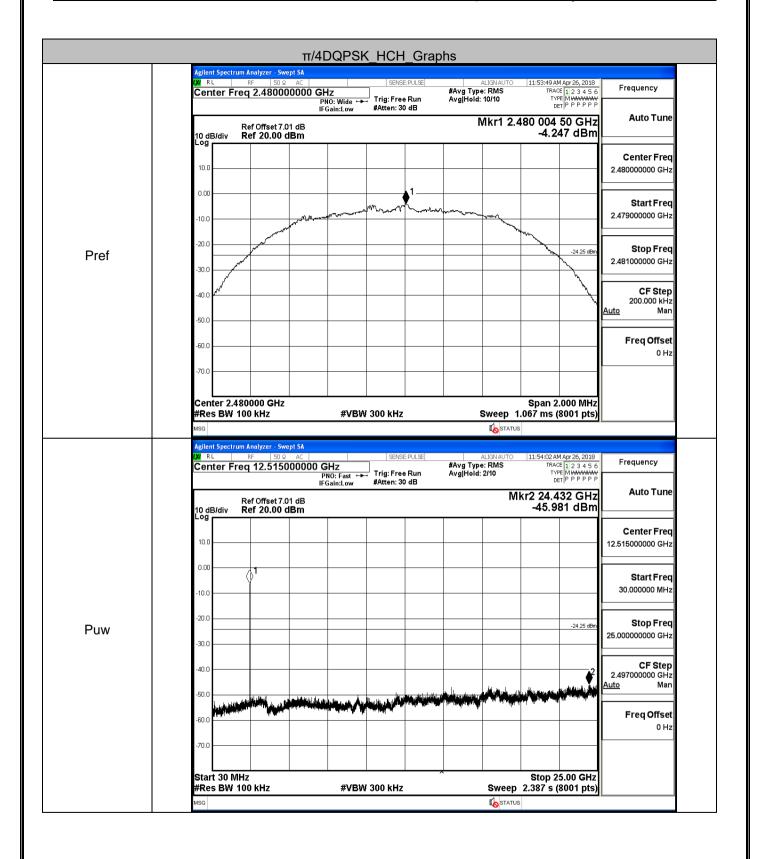


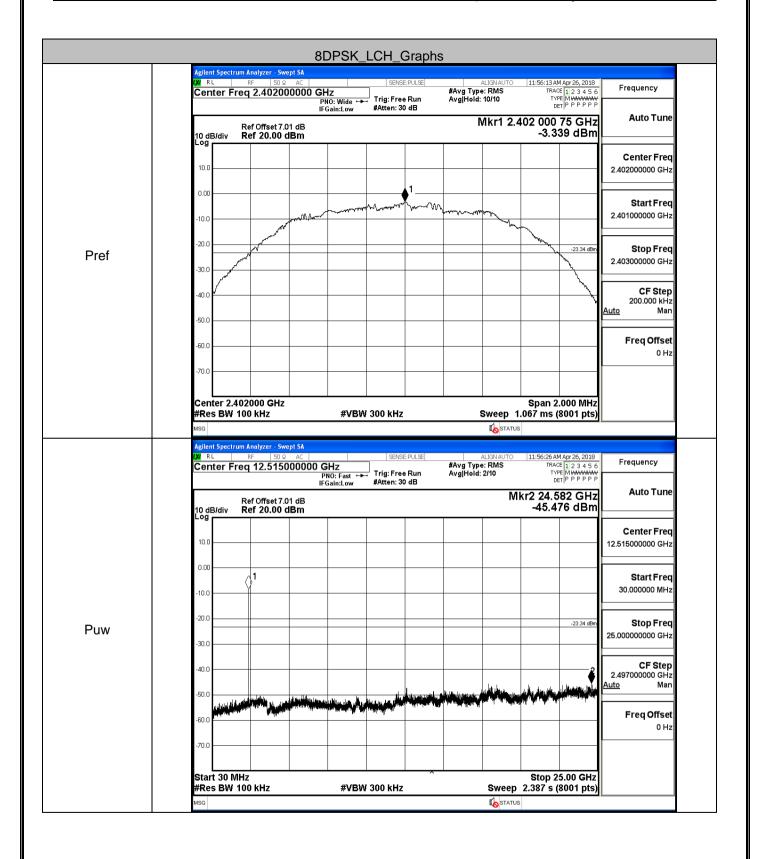


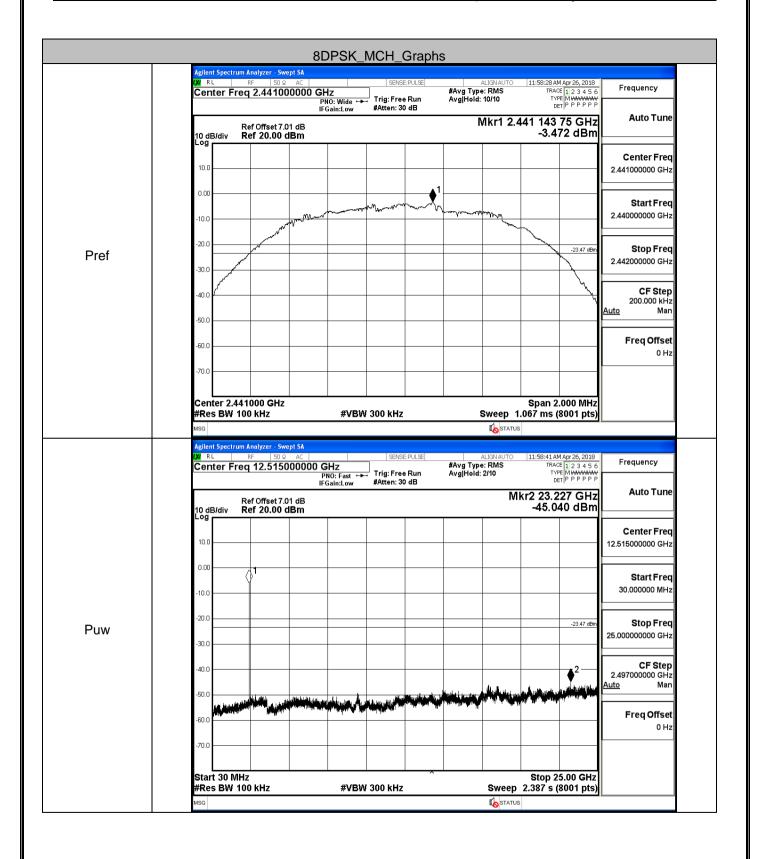


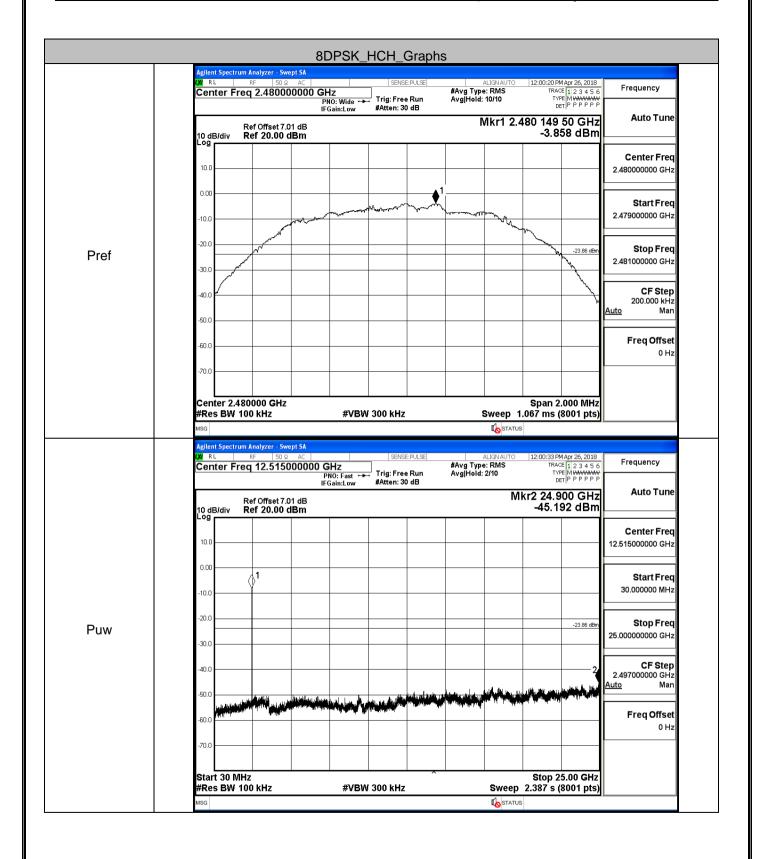












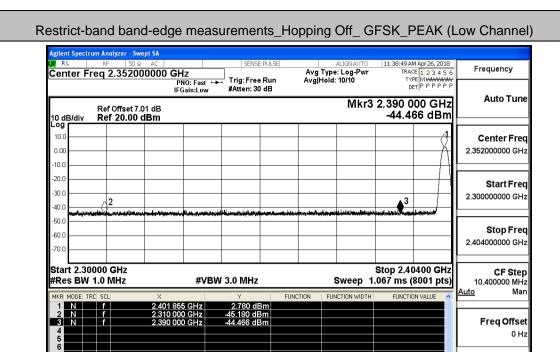
A.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
		0.400	2.544	Off	-50.718	-17.46	PASS	
2-21/	LCH	2402	2.729	On	-50.220	-17.27	PASS	
GFSK	нсн			2.218	Off	-41.164	-17.78	PASS
		2480	2.182	On	-50.418	-17.82	PASS	
	LCH			-3.379	Off	-51.001	-23.38	PASS
		2402	-2.969	On	-50.168	-22.97	PASS	
π/4DQPSK	нсн		-3.711	Off	-41.622	-23.71	PASS	
		H 2480	-3.620	On	-41.271	-23.62	PASS	
		LCH 2402	-3.078	Off	-51.488	-23.08	PASS	
8DPSK	LCH		-3.160	On	-50.920	-23.16	PASS	
			-3.826	Off	-41.746	-23.83	PASS	
	HCH	2480	-3.628	On	-41.803	-23.63	PASS	



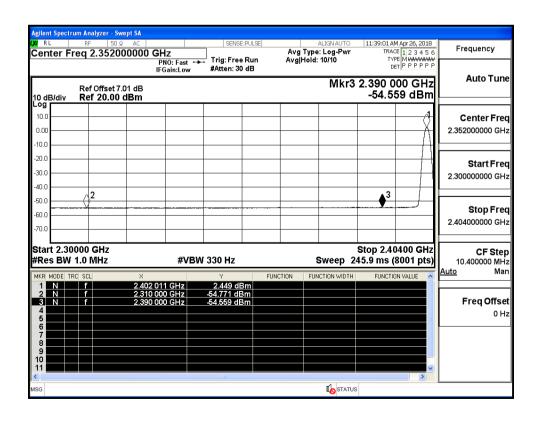
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-45.18	2.0	0	52.05	PEAK	74	PASS
	Off	2310.0	-54.77	2.0	0	42.46	AV	54	PASS
	Off	2390.0	-44.47	2.0	0	52.76	PEAK	74	PASS
2-21/	Off	2390.0	-54.56	2.0	0	42.67	AV	54	PASS
GFSK	Off	2483.5	-44.40	2.0	0	52.83	PEAK	74	PASS
	Off	2483.5	-53.90	2.0	0	43.33	AV	54	PASS
	Off	2500.0	-44.32	2.0	0	52.91	PEAK	74	PASS
	Off	2500.0	-54.07	2.0	0	43.16	AV	54	PASS
	Off	2310.0	-44.01	2.0	0	53.22	PEAK	74	PASS
	Off	2310.0	-54.85	2.0	0	42.38	AV	54	PASS
	Off	2390.0	-44.18	2.0	0	53.05	PEAK	74	PASS
	Off	2390.0	-54.60	2.0	0	42.63	AV	54	PASS
π/4DQPSK	Off	2483.5	-44.19	2.0	0	53.04	PEAK	74	PASS
	Off	2483.5	-54.06	2.0	0	43.17	AV	54	PASS
	Off	2500.0	-43.16	2.0	0	54.07	PEAK	74	PASS
	Off	2500.0	-54.11	2.0	0	43.12	AV	54	PASS
	Off	2310.0	-44.20	2.0	0	53.03	PEAK	74	PASS
	Off	2310.0	-54.88	2.0	0	42.35	AV	54	PASS
	Off	2390.0	-45.49	2.0	0	51.74	PEAK	74	PASS
	Off	2390.0	-54.55	2.0	0	42.68	AV	54	PASS
8DPSK	Off	2483.5	-42.96	2.0	0	54.27	PEAK	74	PASS
	Off	2483.5	-53.93	2.0	0	43.30	AV	54	PASS
	Off	2500.0	-43.40	2.0	0	53.83	PEAK	74	PASS
	Off	2500.0	-54.15	2.0	0	43.08	AV	54	PASS

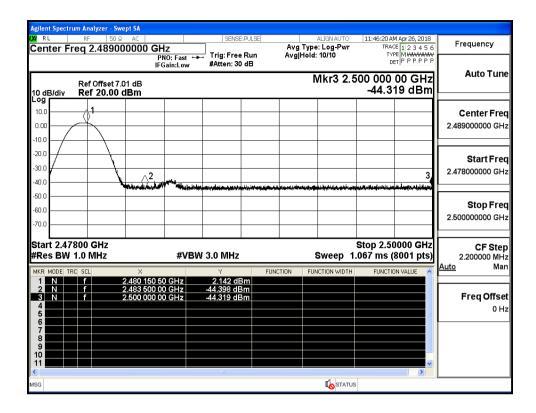


Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)

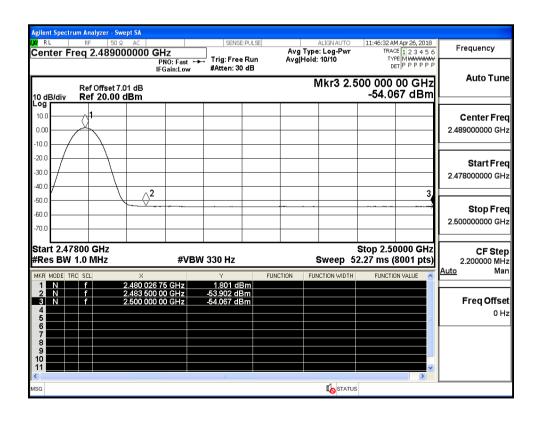
STATUS



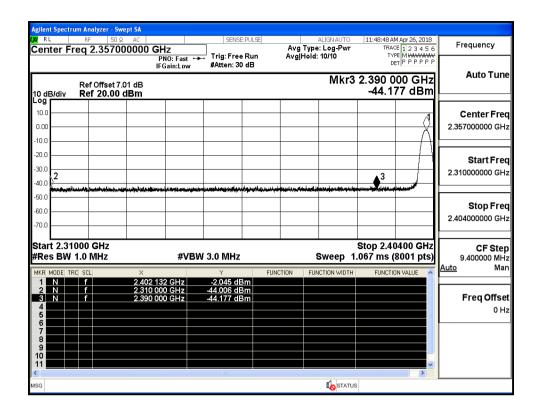
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



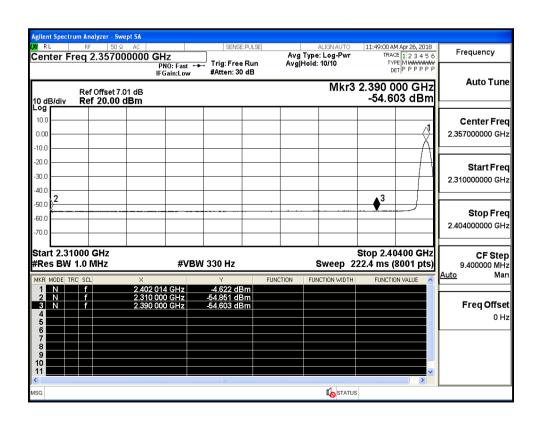
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



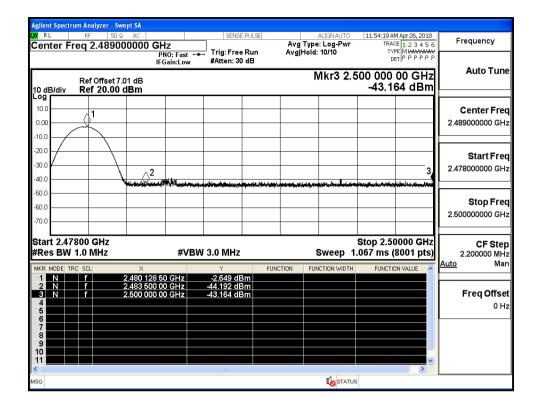
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



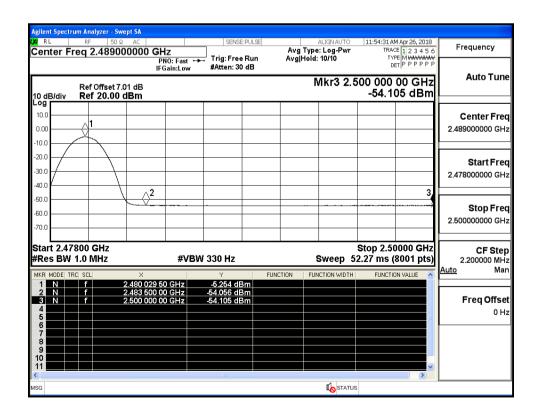
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



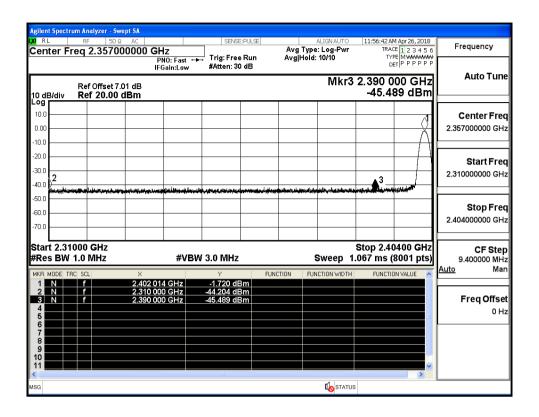
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



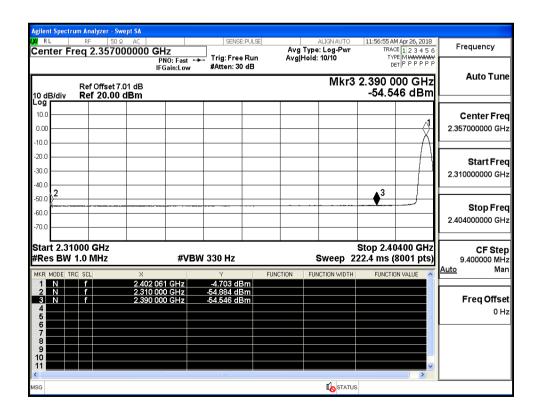
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



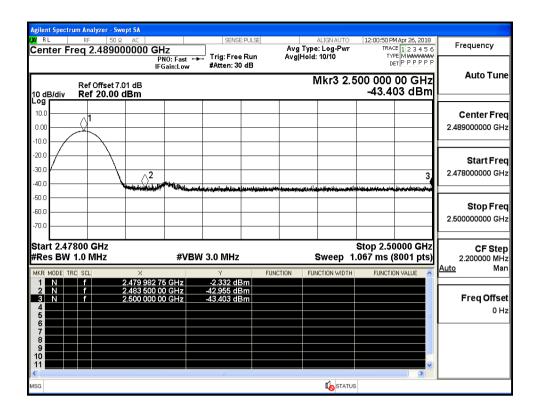
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

