Appendix A

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

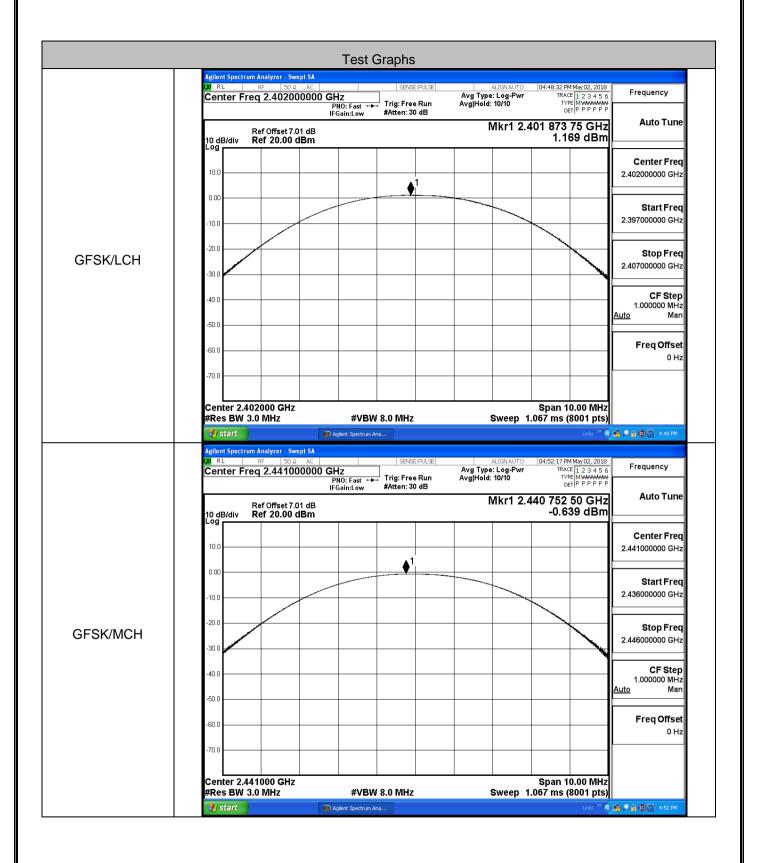
Product Name: Bluetooth headphones
Trade Mark: N/A
Test Model: AZ10012

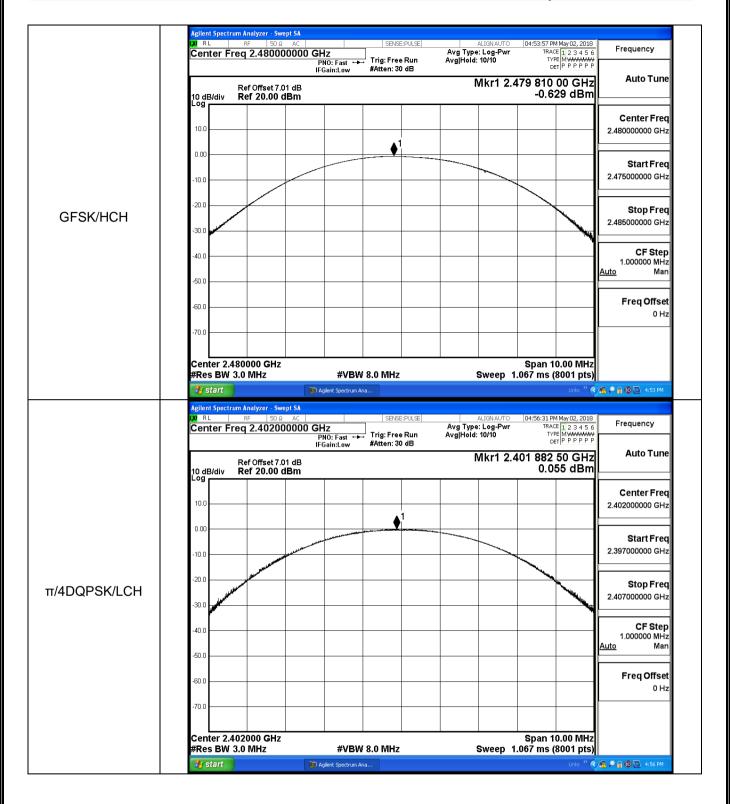
Environmental Conditions

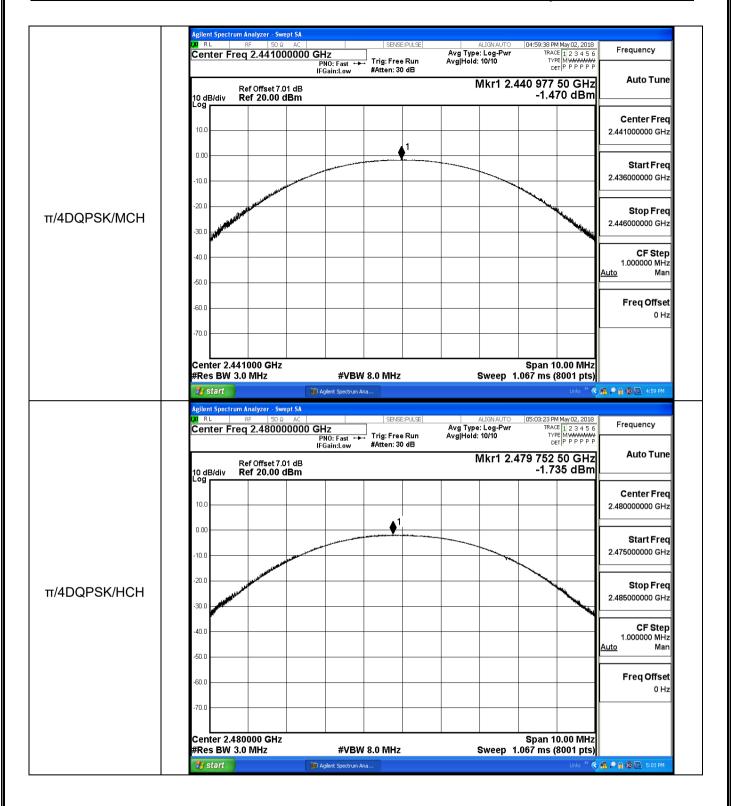
	 -						
	Temperature:	21.3 ° C					
Relative Humidity:		53.2%					
ATM Pressure:		100.0 kPa					
Test Engineer:		WANGCHUANG					
	Supervised by:	Jayden.Zhuo					

A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.169	30	PASS
GFSK	MCH	-0.639	30	PASS
	НСН	-0.629	30	PASS
	LCH	0.055	21	PASS
π/4DQPSK	PSK MCH -1.470		21	PASS
	HCH	-1.735	21	PASS

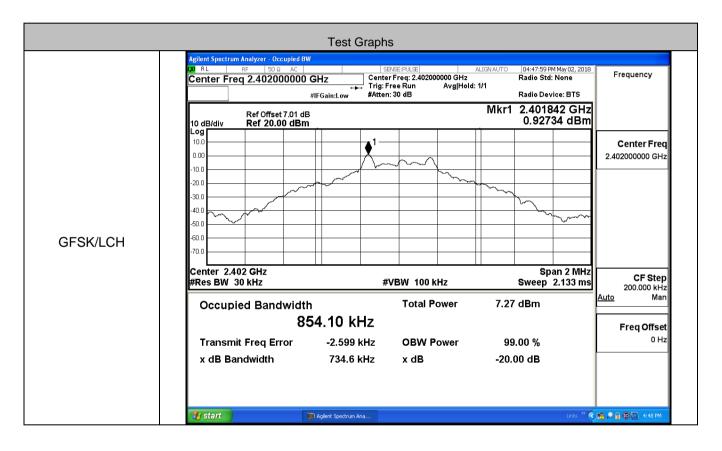


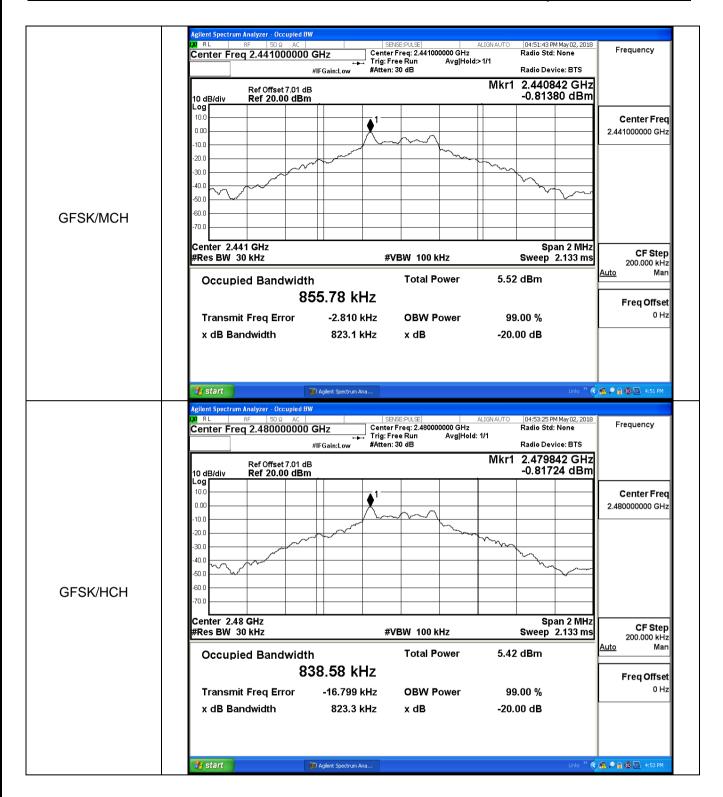


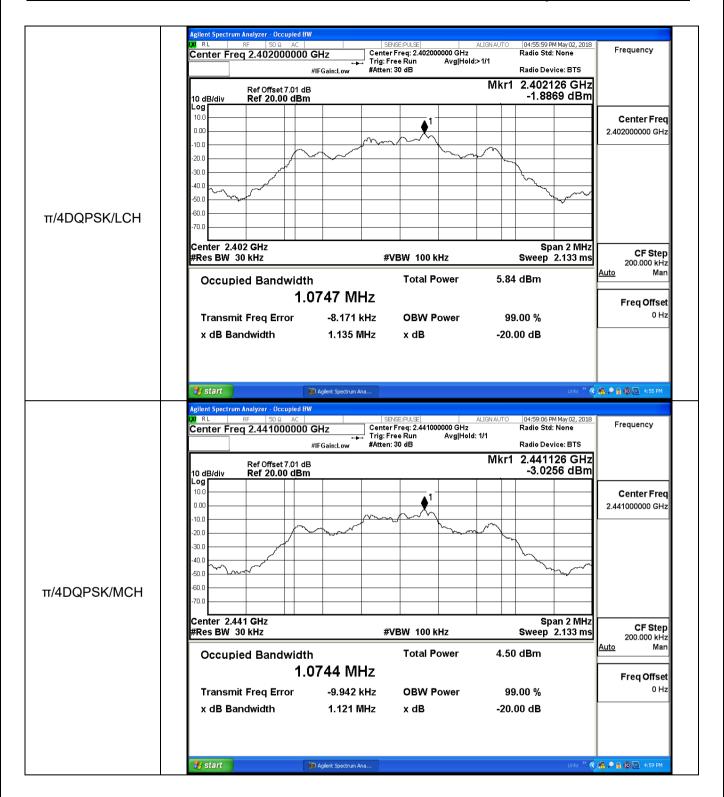


A.2 20dB Bandwidth

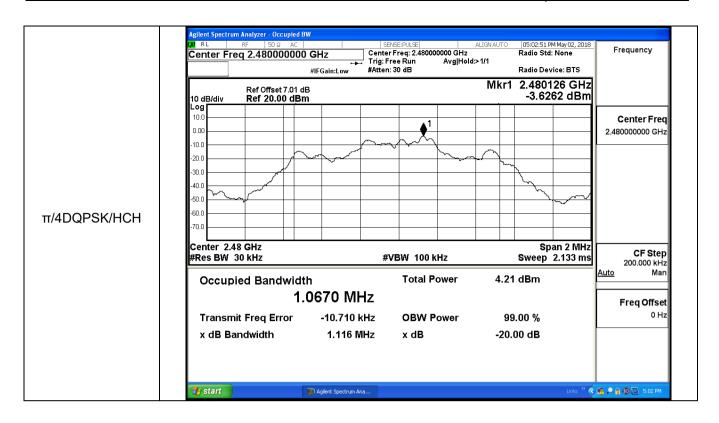
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.7346	Not Specified	PASS
GFSK	MCH	0.8231	Not Specified	PASS
	НСН	0.8233	Not Specified	PASS
	LCH	1.135	Not Specified	PASS
π/4DQPSK	MCH	1.121	Not Specified	PASS
	HCH	1.116	Not Specified	PASS





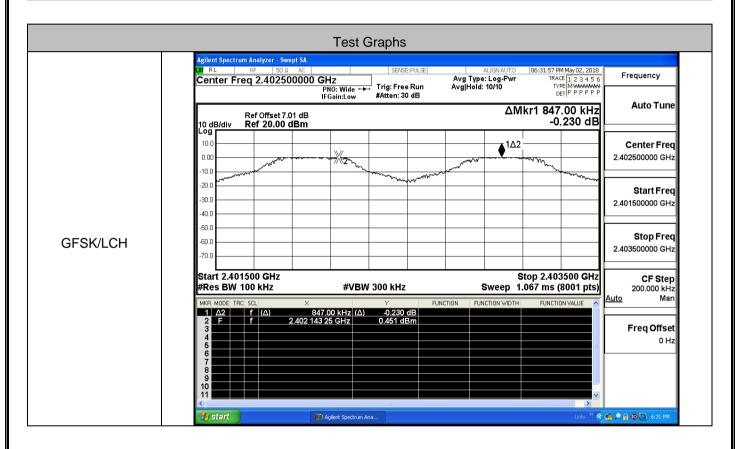


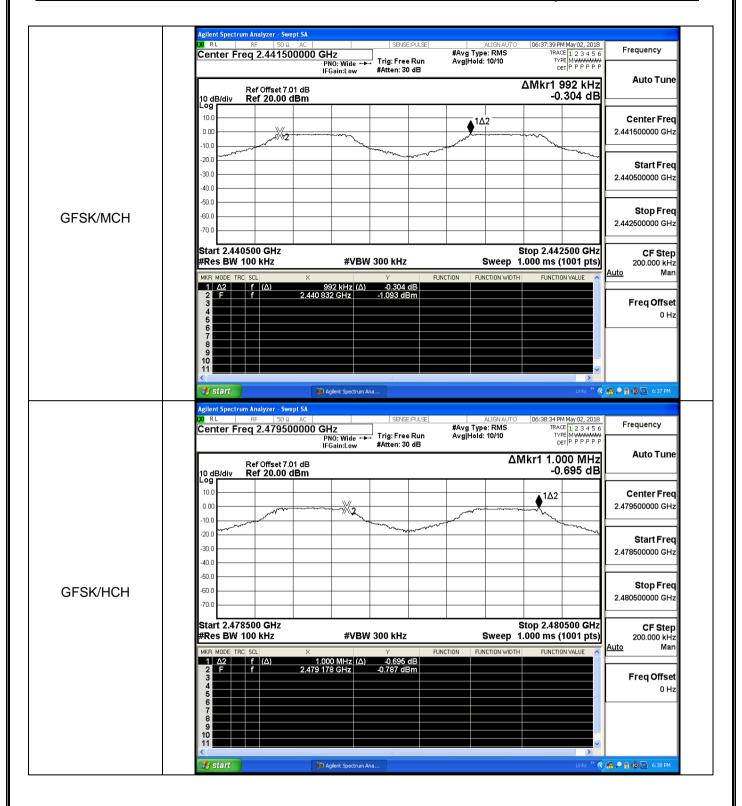
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AJUKEV-AZ10012 Report No.: LCS180410002AEA

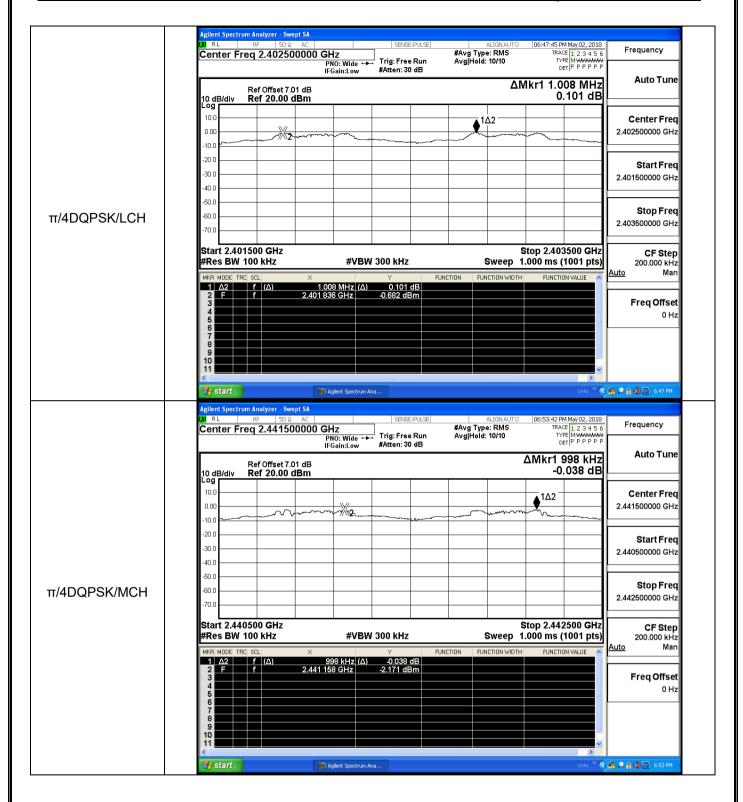


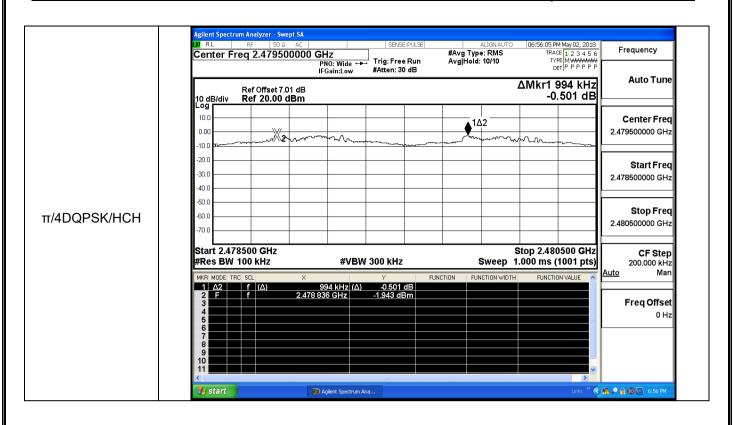
A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.847	0.549	PASS
GFSK	MCH	0.992	0.549	PASS
	HCH	1.000	0.549	PASS
	LCH	1.008	0.757	PASS
π/4DQPSK	MCH	0.998	0.757	PASS
	HCH	0.994	0.757	PASS



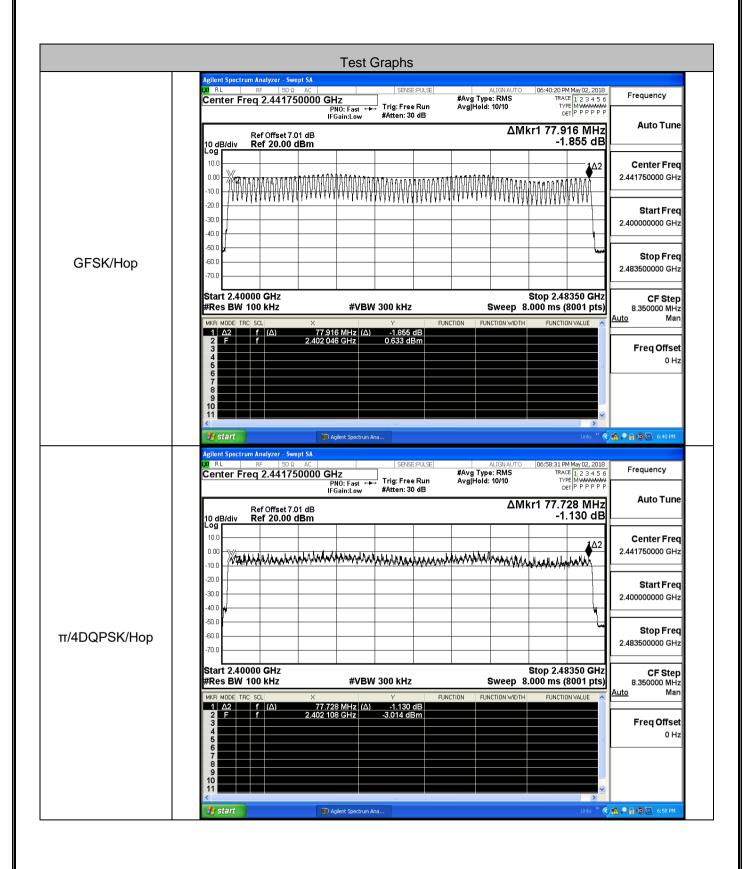






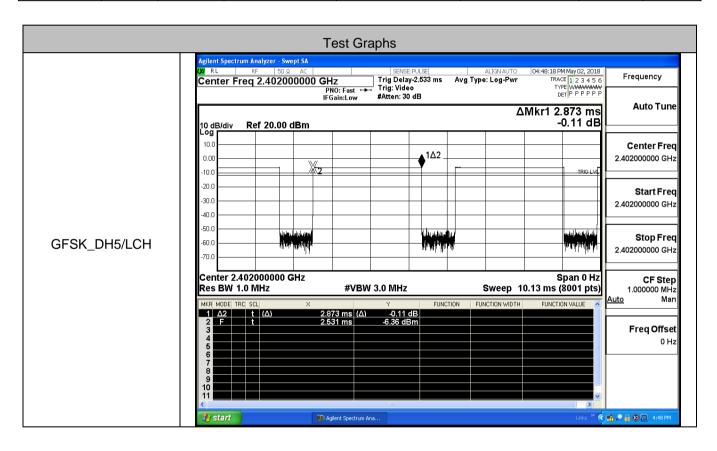
A.4 Hopping Channel Number

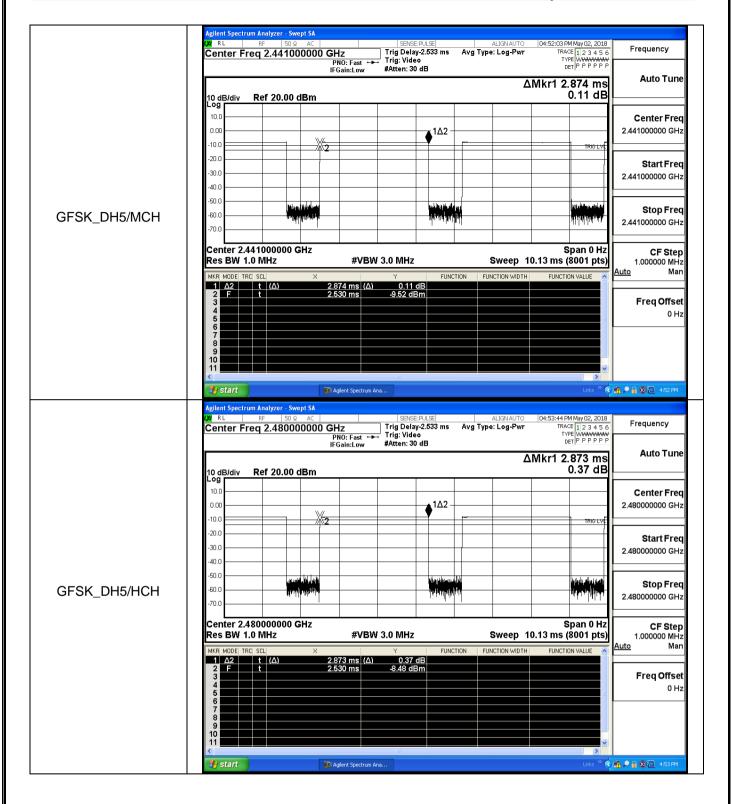
Mode	Channel. Number of Hopping Channel [N]		Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS

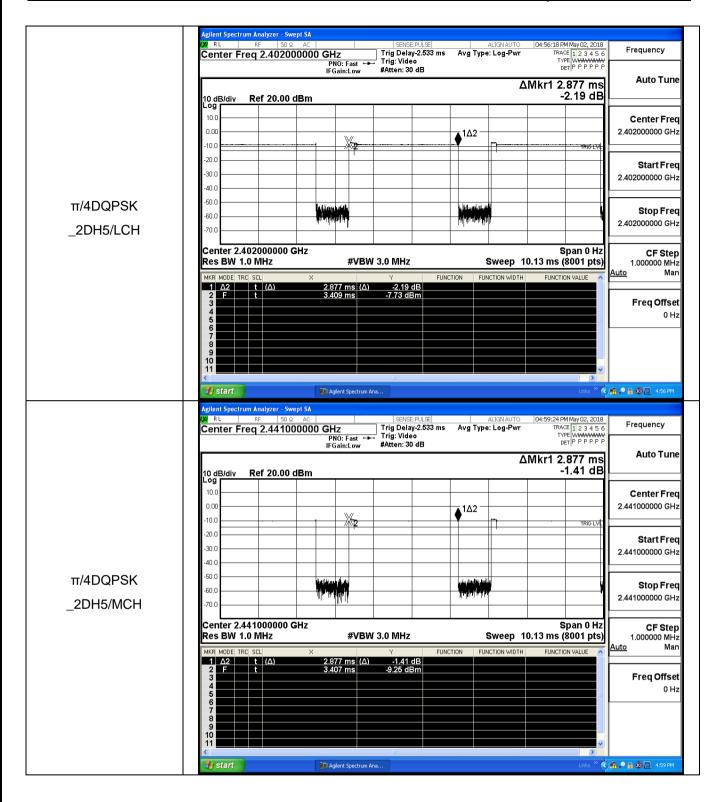


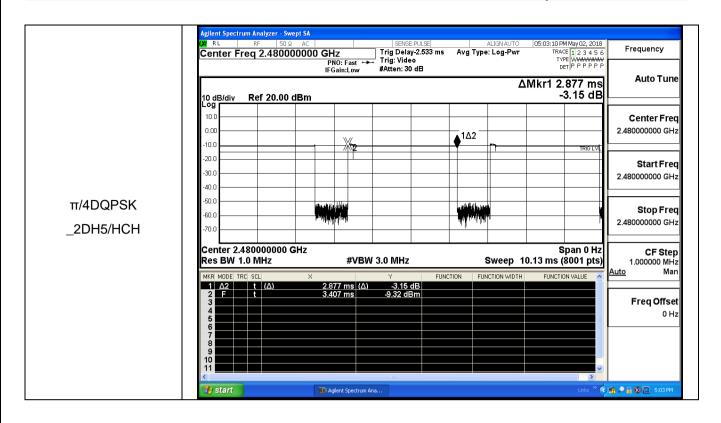
A.5 Dwell Time

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
	2DH5	LCH	2.87	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.87	106.7	0.307	0.4	PASS
	2DH5	HCH	2.87	106.7	0.307	0.4	PASS



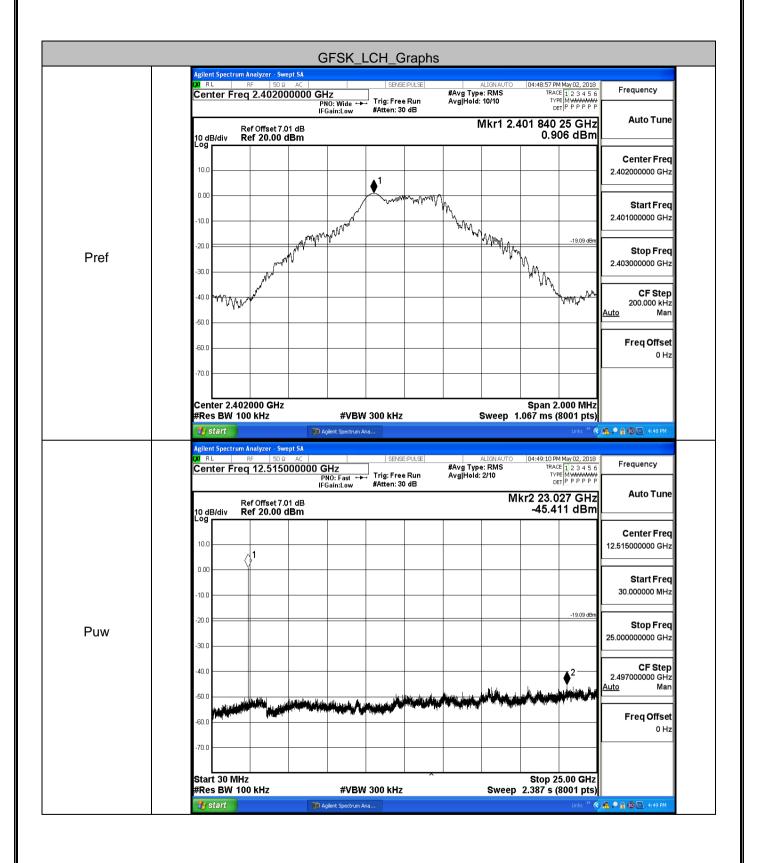


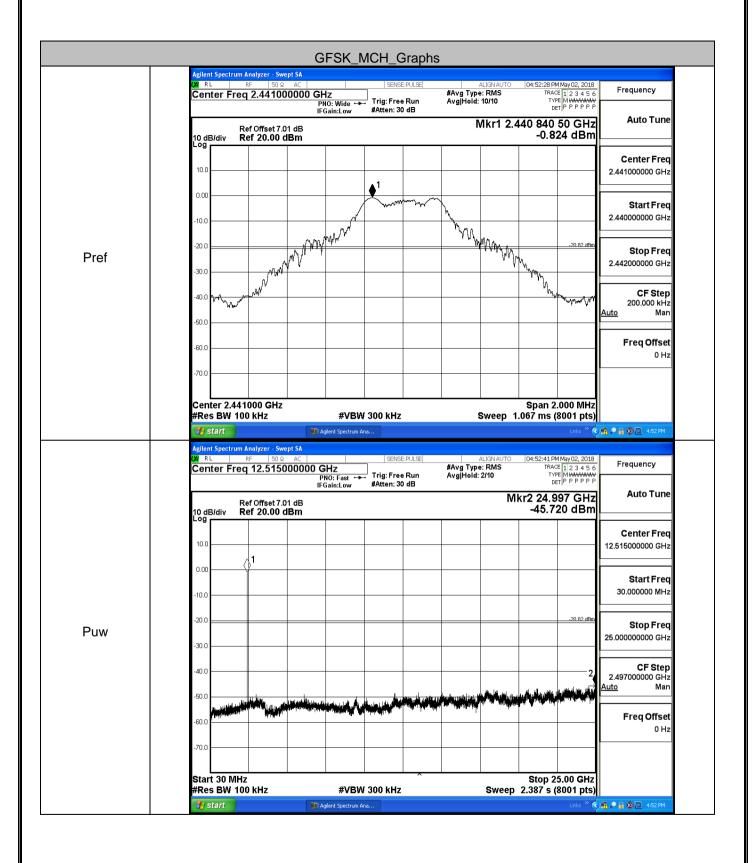


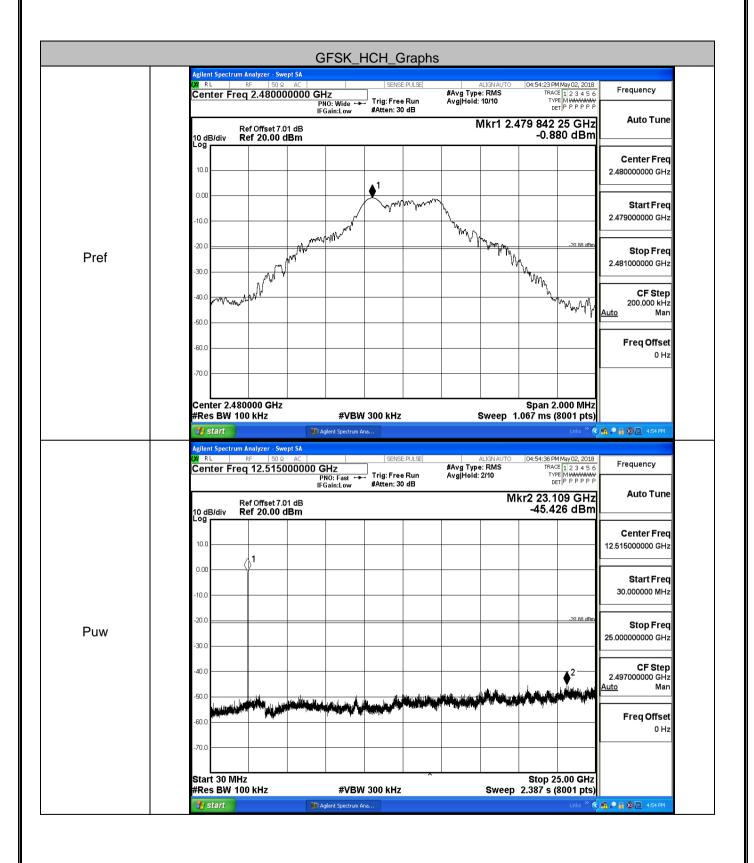


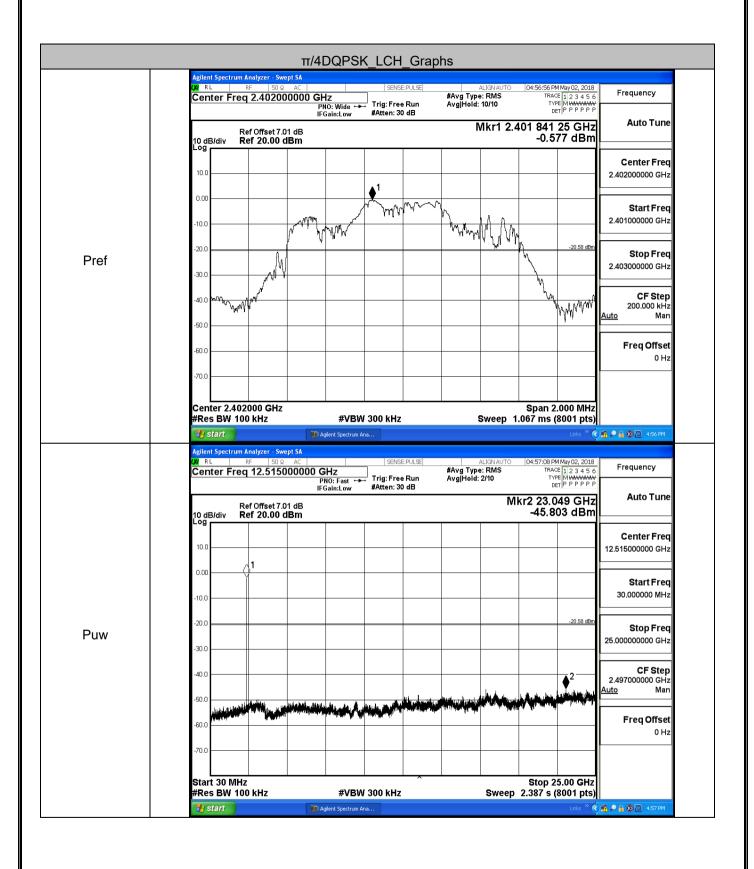
A.6 RF Conducted Spurious Emissions

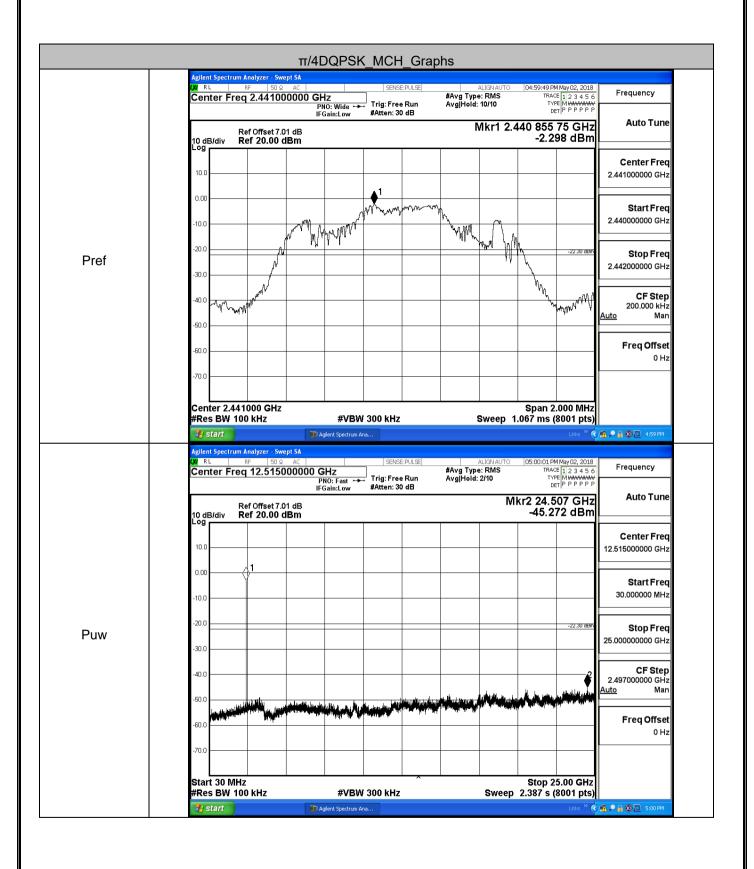
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	0.906	-45.411	-19.094	PASS
GFSK	MCH	-0.824	-45.720	-20.824	PASS
	HCH	-0.88	-45.426	-20.880	PASS
	LCH	-0.577	-45.803	-20.577	PASS
π/4DQPSK	MCH	-2.298	-45.272	-22.298	PASS
	HCH	-2.577	-45.714	-22.577	PASS

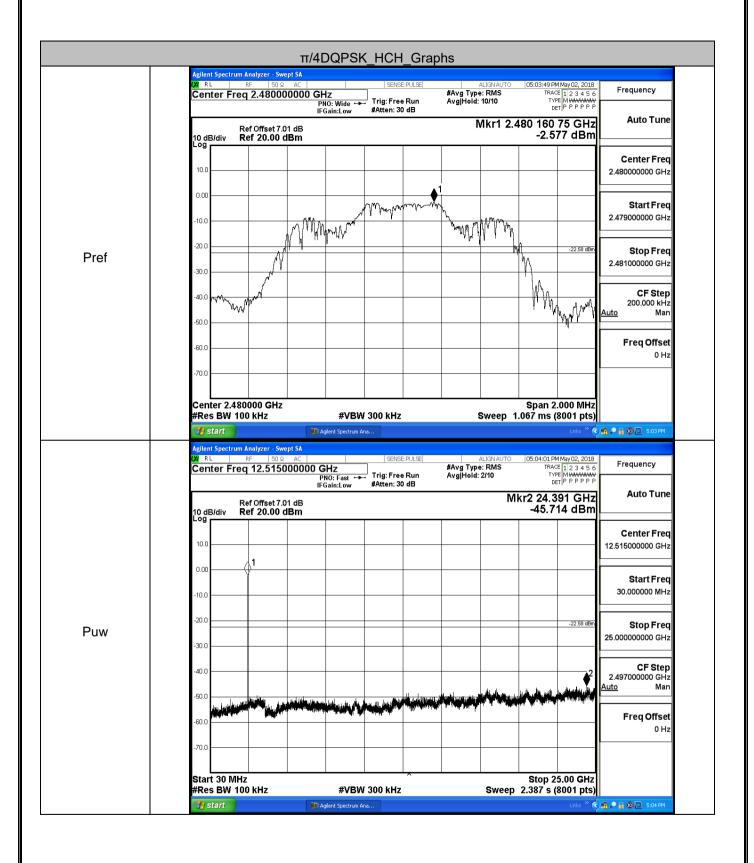






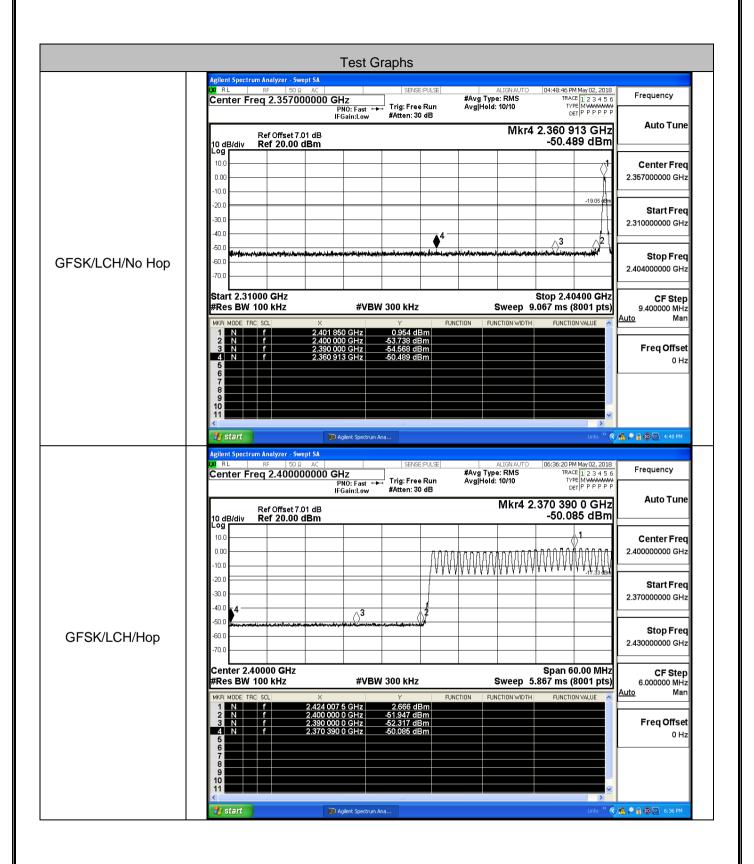


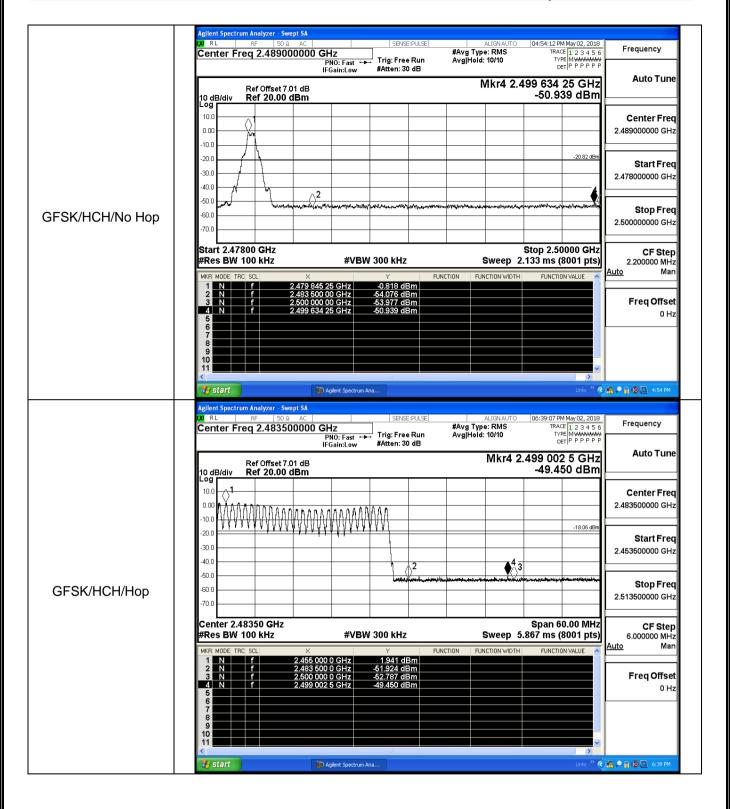




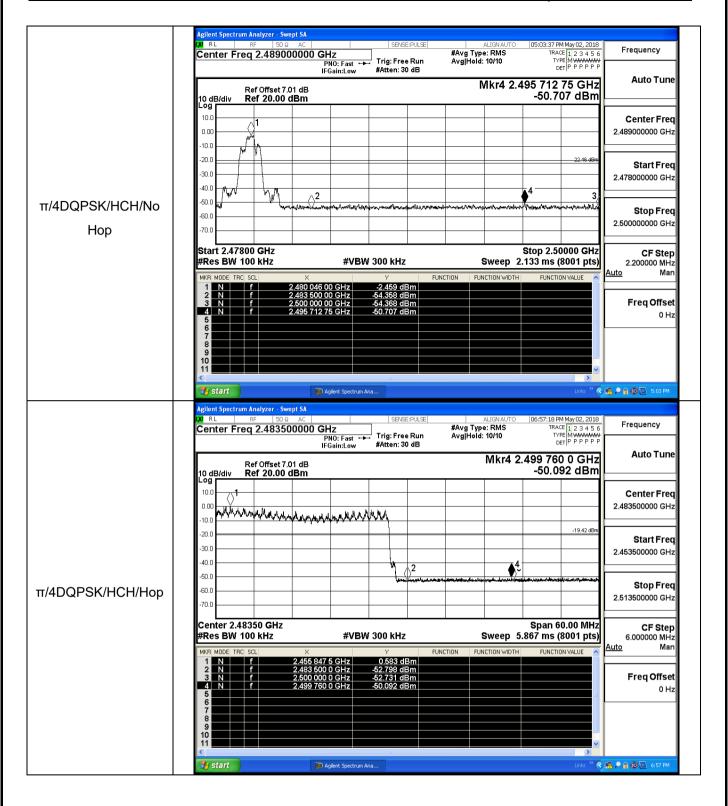
A.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
	LCH	LCH 2402	0.954	Off	-50.489	-19.05	PASS
05014			2.666	On	-50.085	-17.33	PASS
GFSK		HCH 2480	-0.818	Off	-50.939	-20.82	PASS
	нсн		1.941	On	-49.450	-18.06	PASS
		LCH 2402	-0.552	Off	-49.452	-20.55	PASS
	LCH		0.746	On	-50.294	-19.25	PASS
π/4DQPSK			-2.459	Off	-50.707	-22.46	PASS
	HCH	2480	0.583	On	-50.092	-19.42	PASS



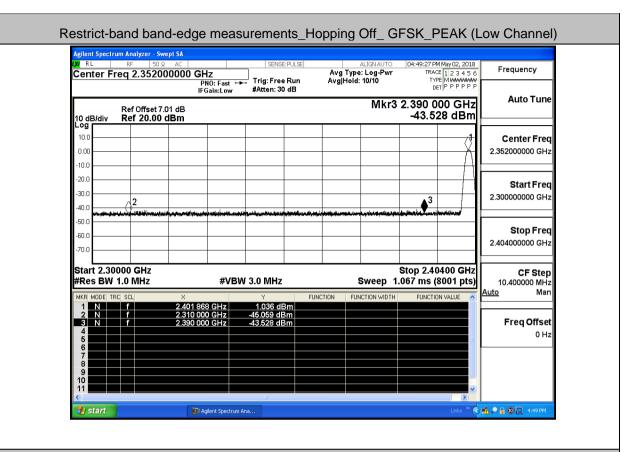




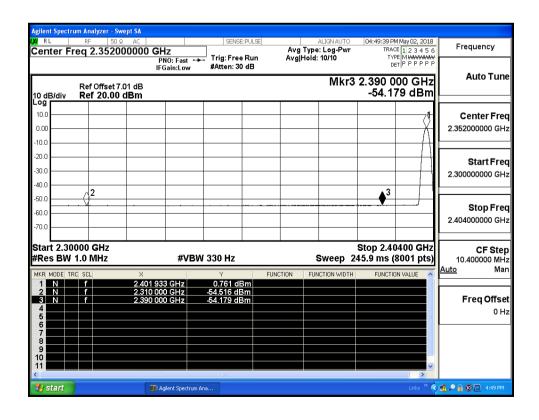


A.8 Restrict-band band-edge measurements

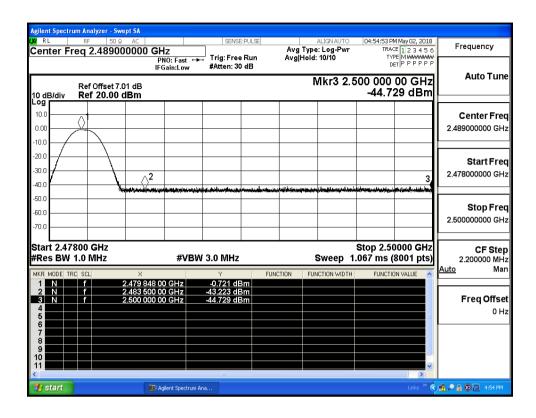
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-45.06	2.0	0	50.20	PEAK	74	PASS
	Off	2310.0	-54.52	2.0	0	40.74	AV	54	PASS
	Off	2390.0	-43.53	2.0	0	51.73	PEAK	74	PASS
	Off	2390.0	-54.18	2.0	0	41.08	AV	54	PASS
GFSK	Off	2483.5	-43.22	2.0	0	52.03	PEAK	74	PASS
	Off	2483.5	-54.14	2.0	0	41.12	AV	54	PASS
	Off	2500.0	-44.73	2.0	0	50.53	PEAK	74	PASS
	Off	2500.0	-53.98	2.0	0	41.28	AV	54	PASS
	Off	2310.0	-44.78	2.0	0	50.47	PEAK	74	PASS
	Off	2310.0	-54.64	2.0	0	40.61	AV	54	PASS
	Off	2390.0	-44.11	2.0	0	51.15	PEAK	74	PASS
	Off	2390.0	-54.36	2.0	0	40.90	AV	54	PASS
	Off	2483.5	-44.57	2.0	0	50.69	PEAK	74	PASS
π/4DQPSK	Off	2483.5	-54.19	2.0	0	41.07	AV	54	PASS
11/4DQF3K	Off	2500.0	-43.68	2.0	0	51.58	PEAK	74	PASS
	Off	2500.0	-54.01	2.0	0	41.24	AV	54	PASS
	Off	2500.0	#rbr33dh51hc hnnpeak	2.0	#rbgf3dh51hc hnnpeak	#rbe33dh51 hchnnpeak	PEAK	74	PASS
	Off	2500.0	#rbr33dh51hc hnnav	2.0	#rbgf3dh51hc hnnav	#rbe33dh51 hchnnav	AV	54	PASS



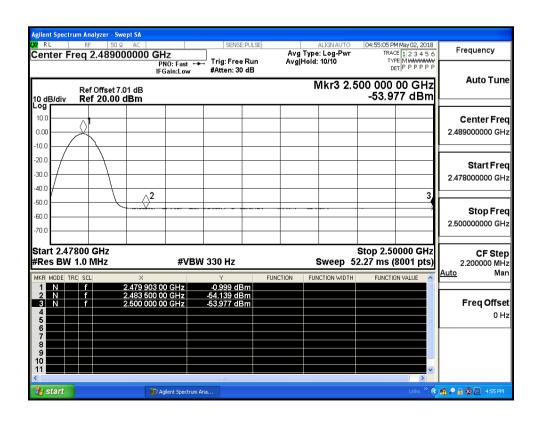
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



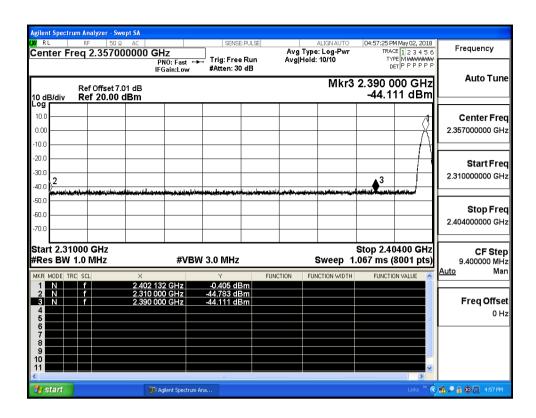
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



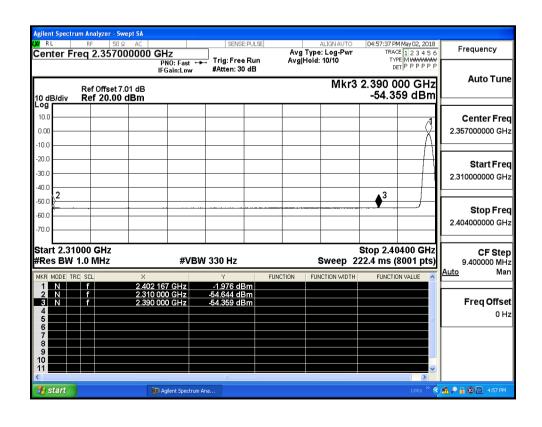
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



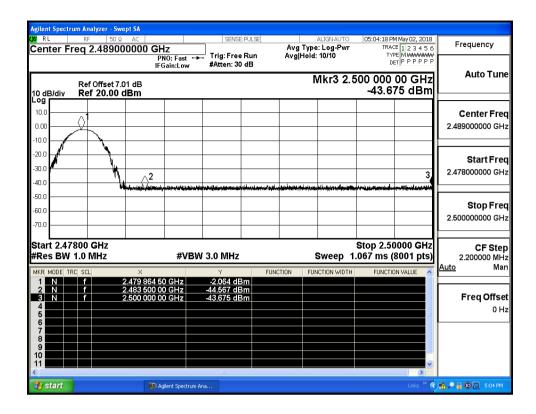
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



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)

