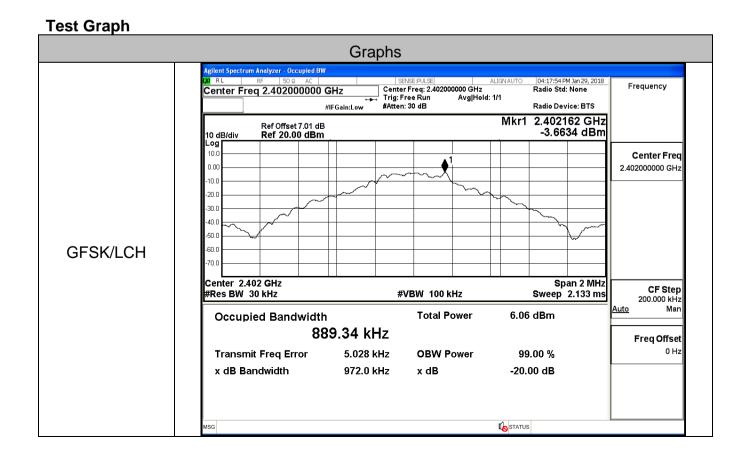
Environmental Conditions

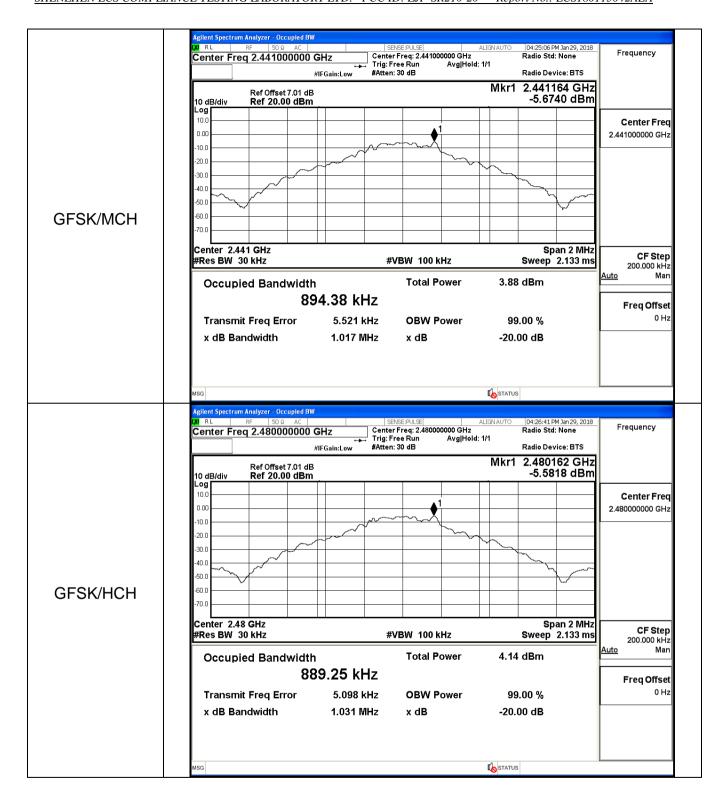
Temperature:	22.9 ° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Tom.Liu

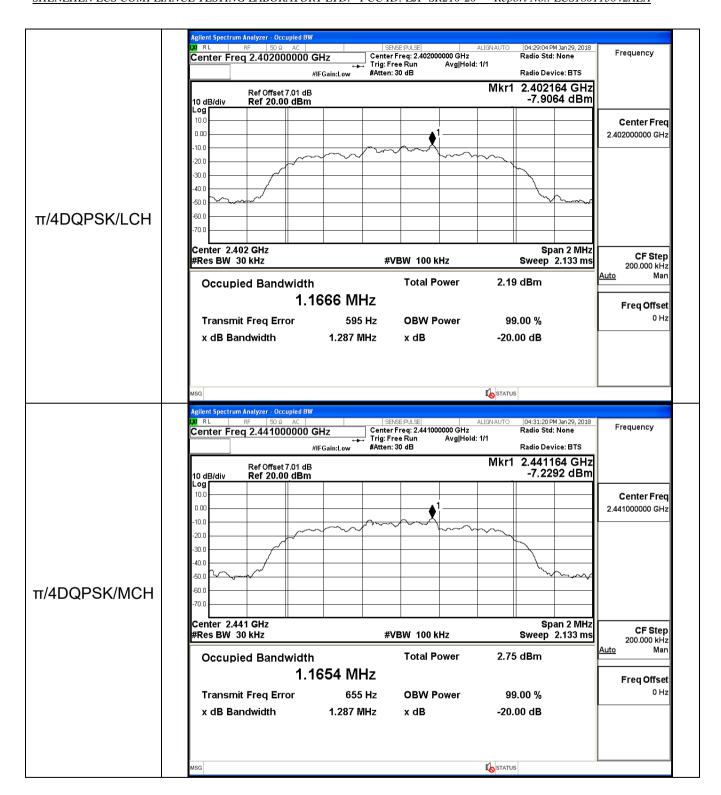
Appendix A): 20dB Bandwidth

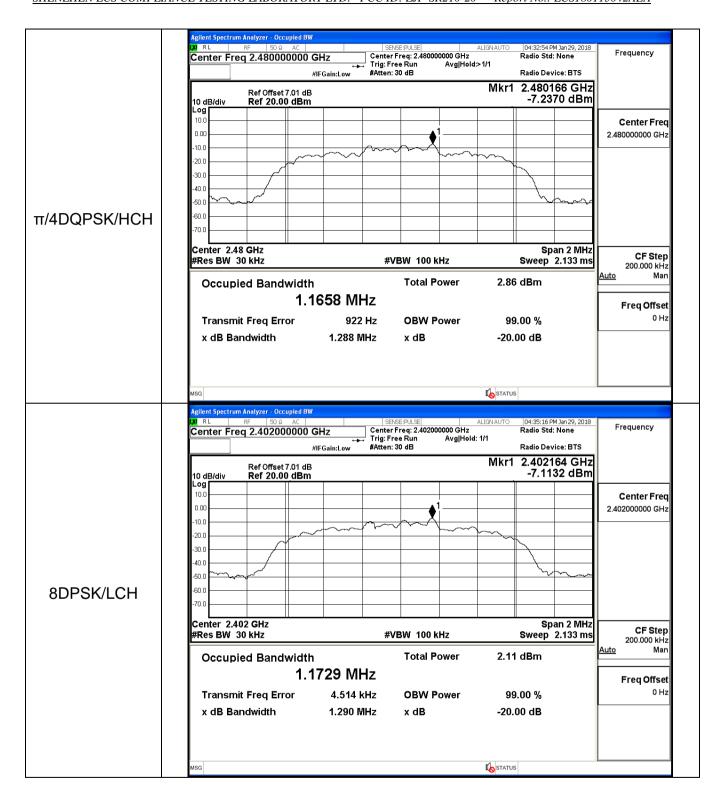
Test Result

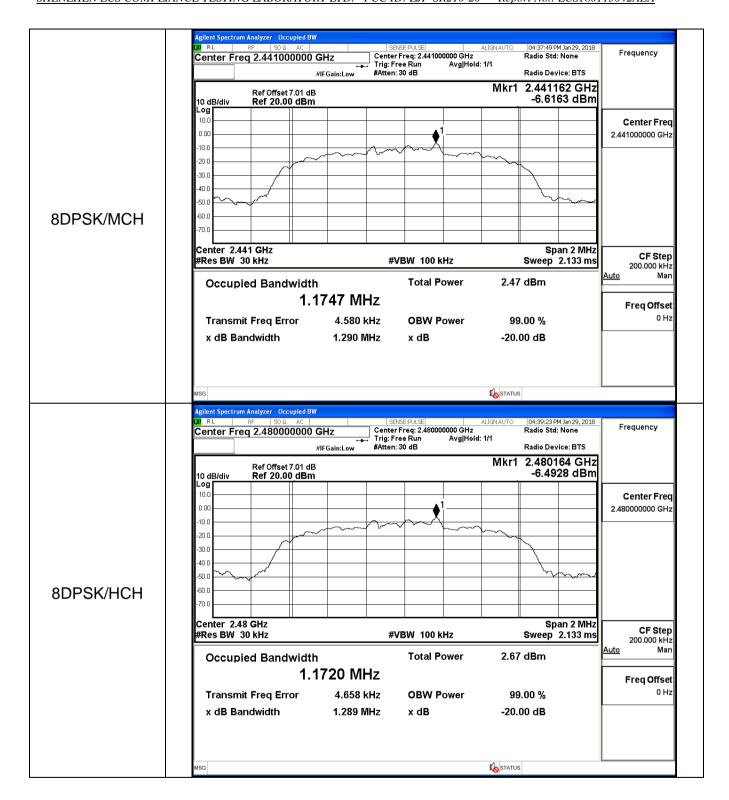
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9720	Not Specified	PASS
GFSK	MCH	1.017	Not Specified	PASS
	НСН	1.031	Not Specified	PASS
	LCH	1.287	Not Specified	PASS
π/4DQPSK	MCH	1.287	Not Specified	PASS
	НСН	1.288	Not Specified	PASS
	LCH	1.290	Not Specified	PASS
8DPSK	МСН	1.290	Not Specified	PASS
	HCH	1.289	Not Specified	PASS







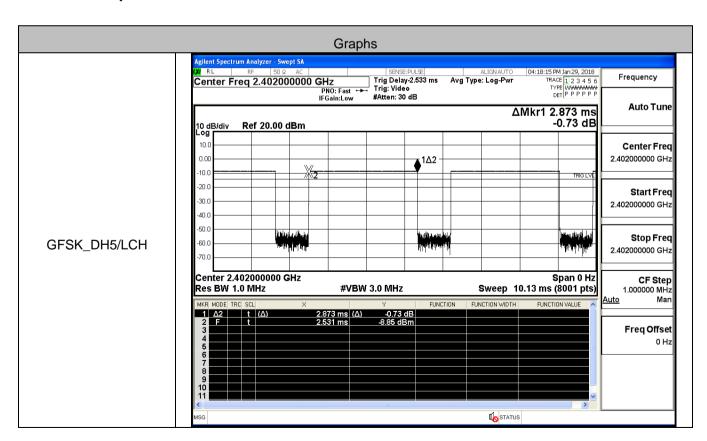


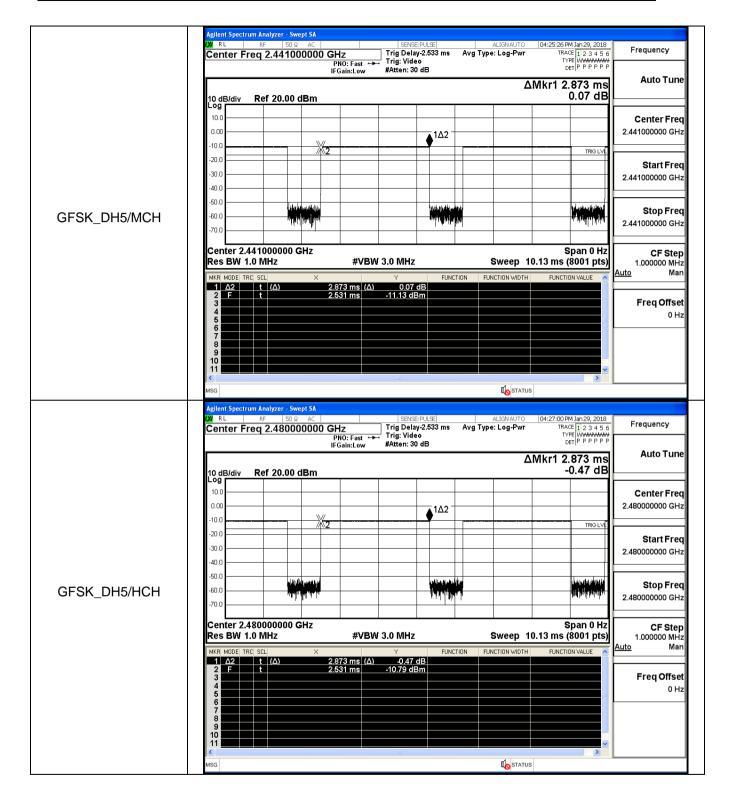


Appendix B): Dwell Time

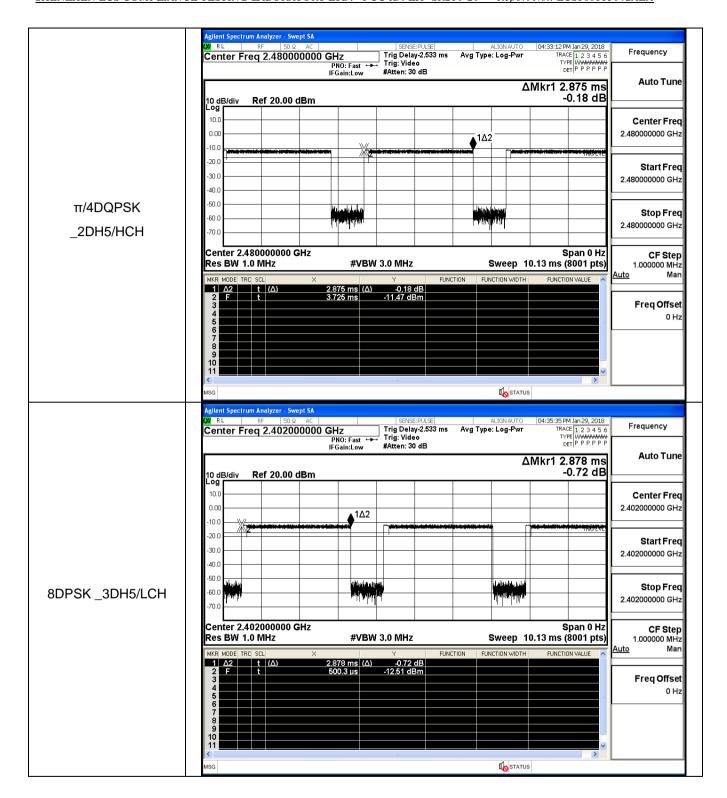
Result Table

Mode	Packet	Chann el	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdic t
GFSK	DH5	LCH	2.87	106.7	0.306	0.4	PASS
GFSK	DH5	мсн	2.87	106.7	0.306	0.4	PASS
GFSK	DH5	НСН	2.87	106.7	0.306	0.4	PASS
π/4DQPSK	2DH5	LCH	2.87	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	мсн	2.87	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	НСН	2.87	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.87	106.7	0.307	0.4	PASS
8DPSK	3DH5	мсн	2.87	106.7	0.307	0.4	PASS
8DPSK	3DH5	НСН	2.87	106.7	0.307	0.4	PASS







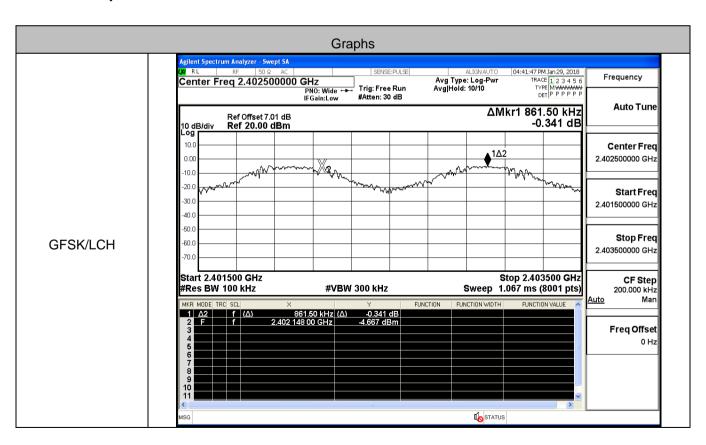


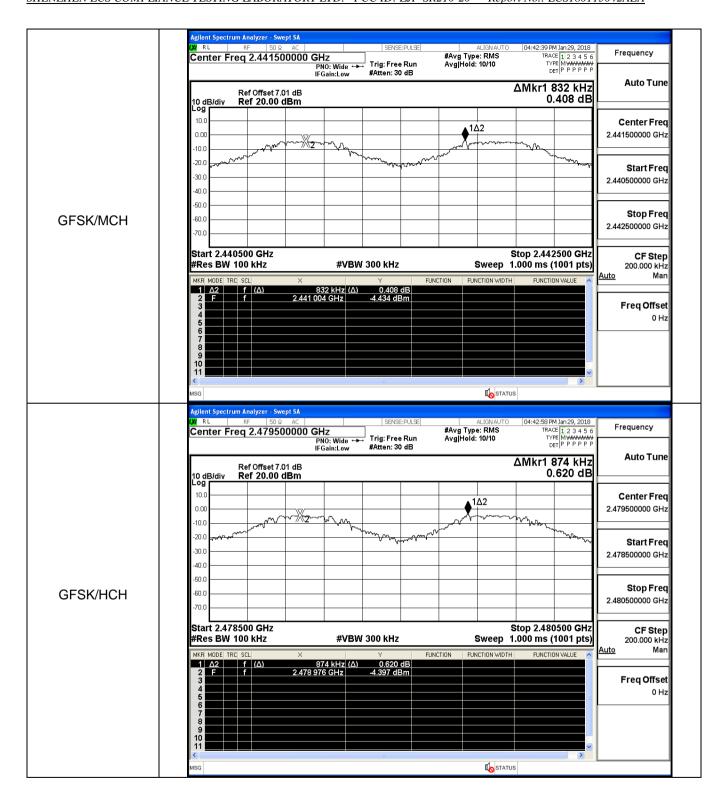


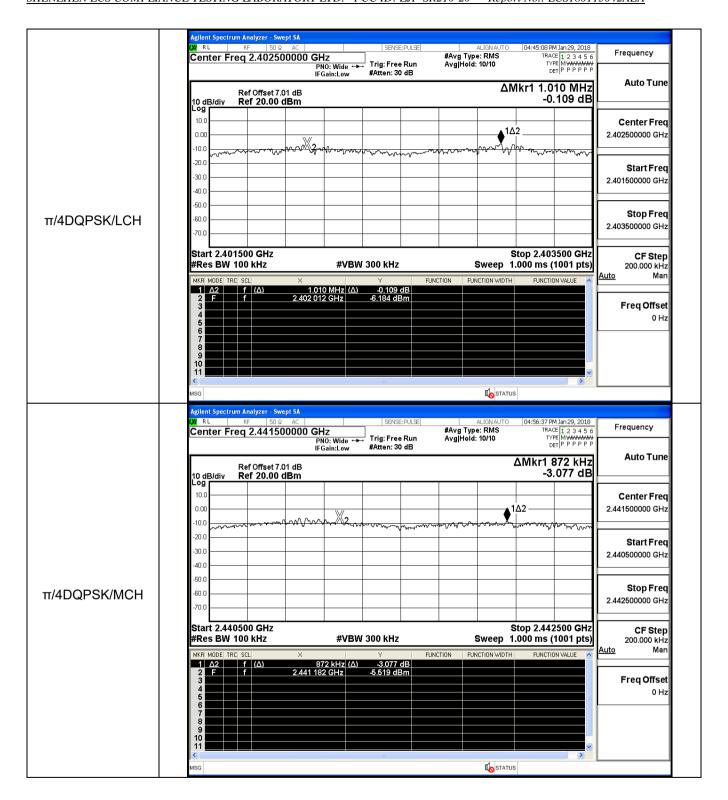
Appendix C): Carrier Frequency Separation

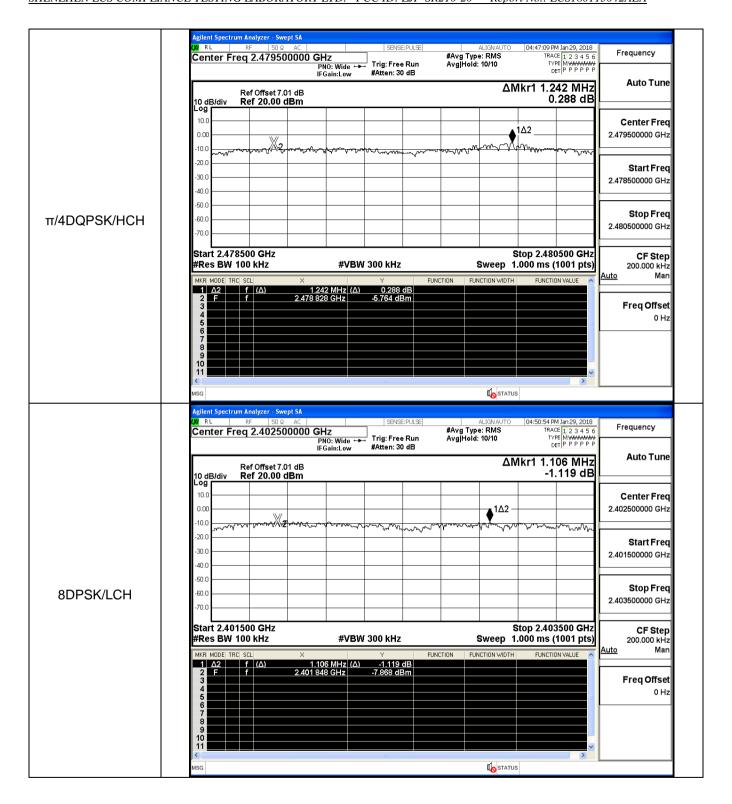
Result Table

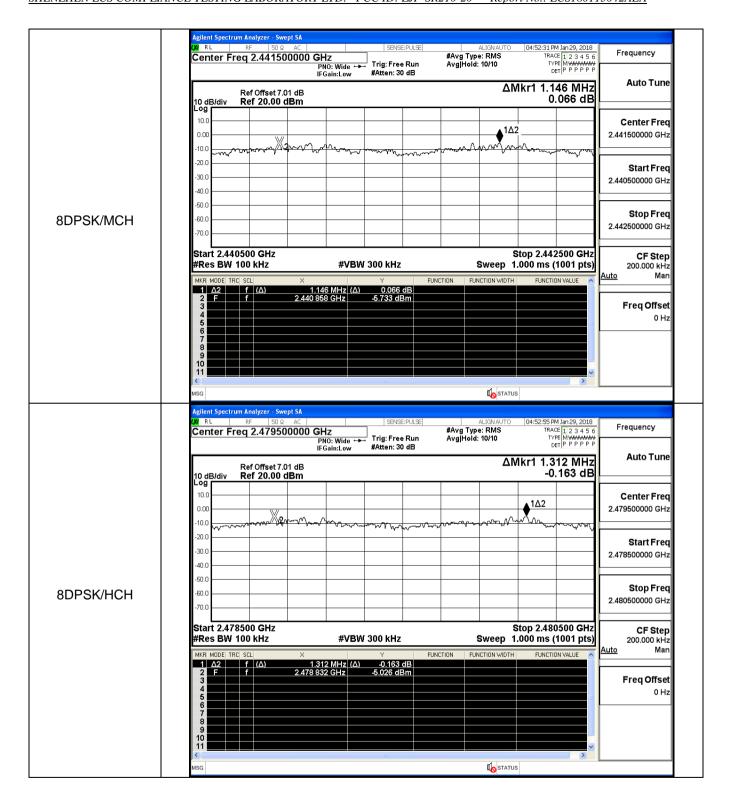
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz] 2/3*20dB Bandwidth	Verdict
	LCH	0.861	0.648	PASS
GFSK	MCH	0.832	0.678	PASS
	HCH	0.874	0.687	PASS
	LCH	1.010	0.858	PASS
π/4DQPSK	MCH	0.872	0.858	PASS
	HCH	1.242	0.859	PASS
	LCH	1.106	0.860	PASS
8DPSK	MCH	1.146	0.860	PASS
	HCH	1.312	0.859	PASS





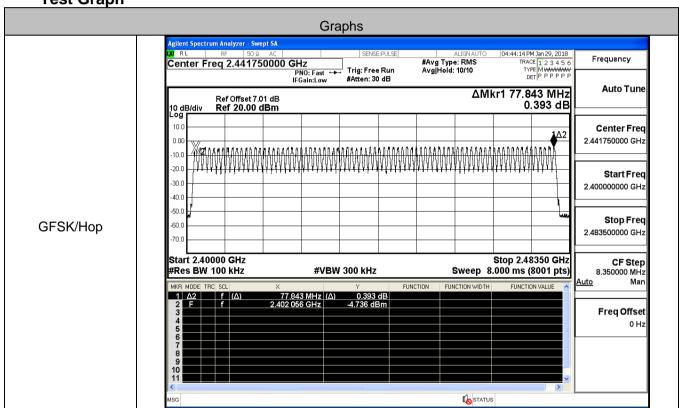


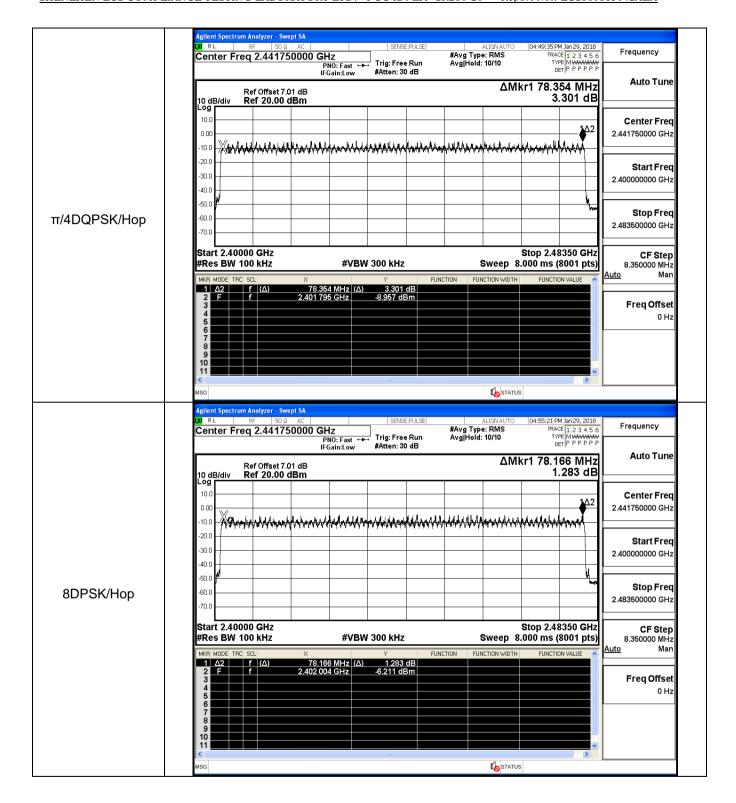




Appendix C): Hopping Channel Number Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Нор	79	PASS
π/4DQPSK	Нор	79	PASS
8DPSK	Нор	79	PASS

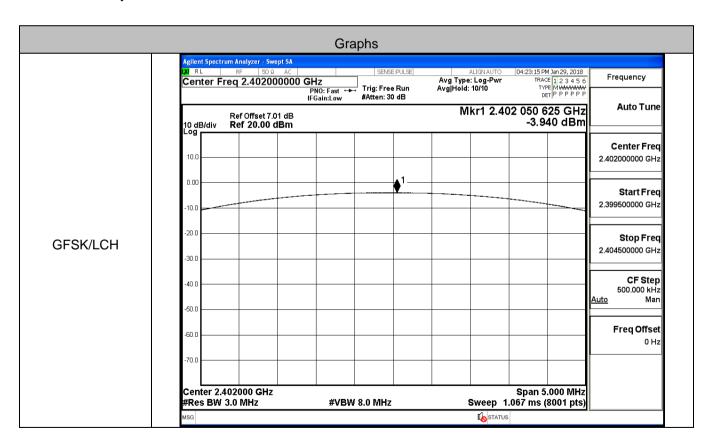


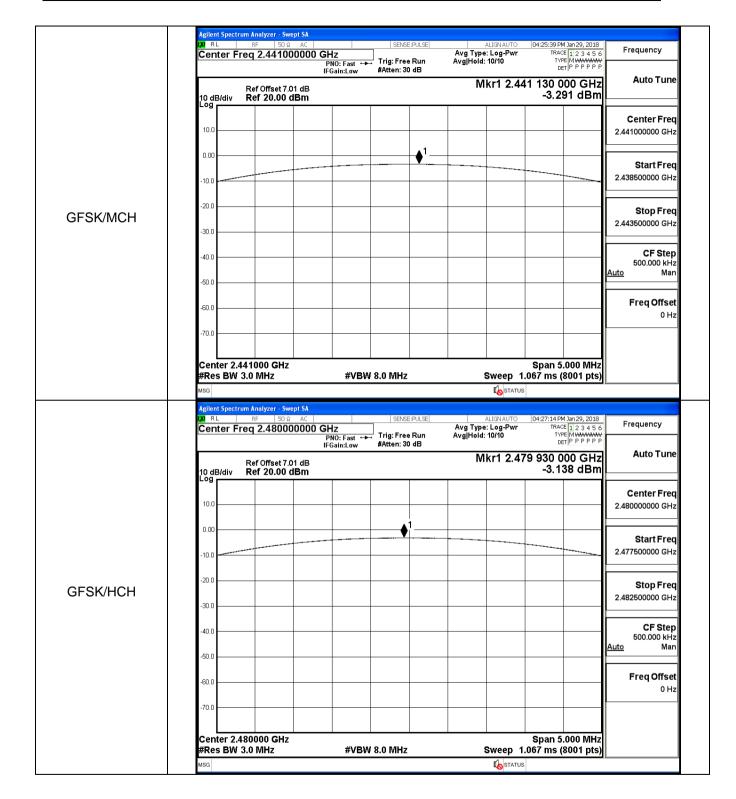


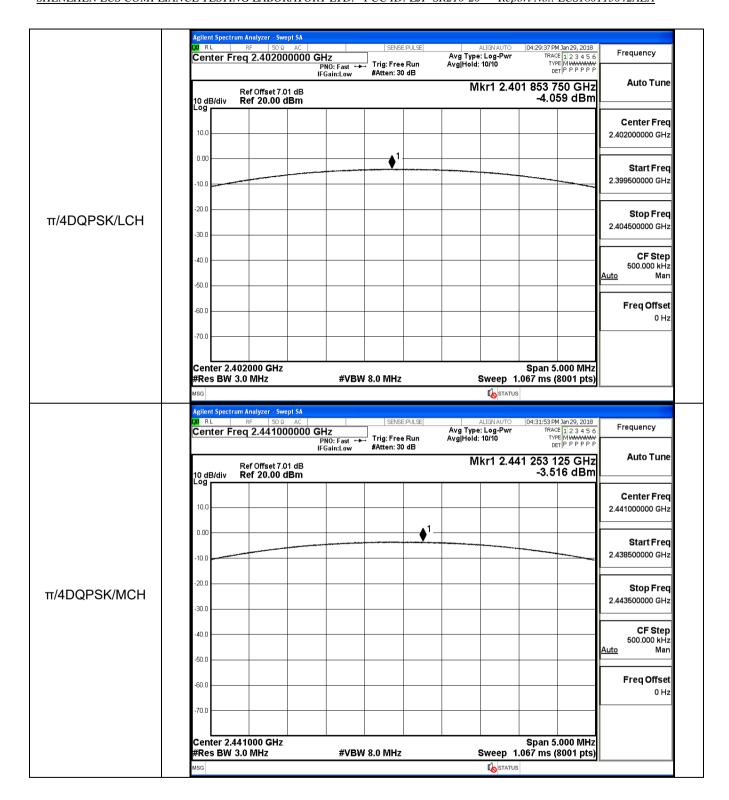
Appendix D): Conducted Peak Output Power

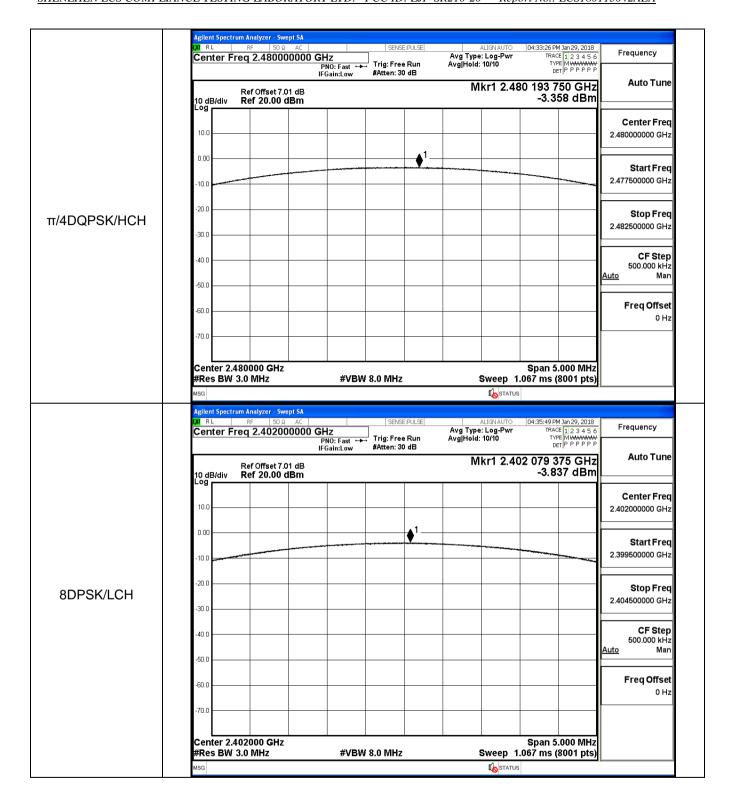
Result Table

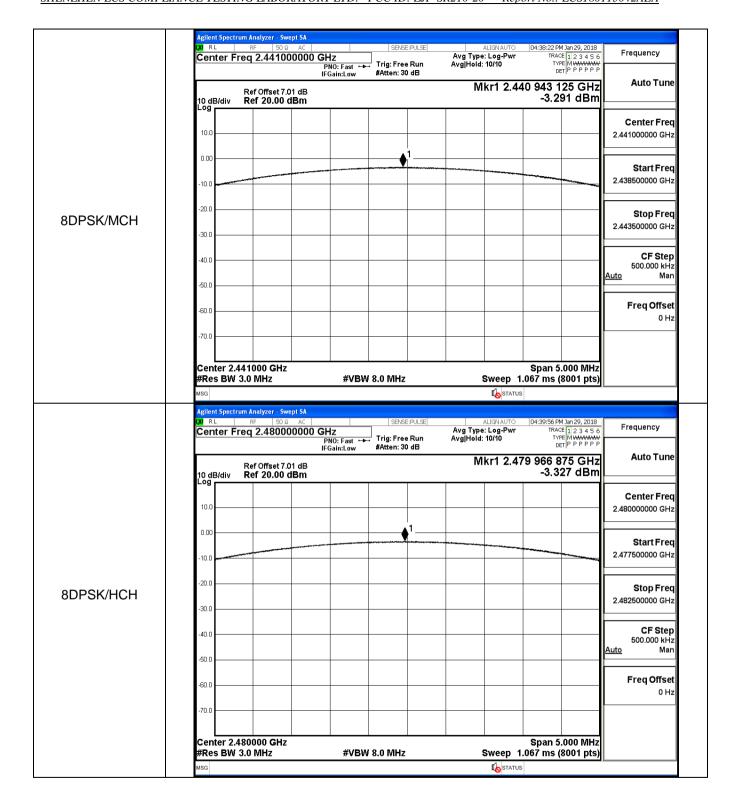
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-3.940	21	PASS
GFSK	MCH	-3.291	21	PASS
	HCH	-3.138	21	PASS
π/4DQPSK	LCH	-4.059	21	PASS
	MCH	-3.516	21	PASS
	HCH	-3.358	21	PASS
	LCH	-3.837	21	PASS
8DPSK	MCH	-3.291	21	PASS
	HCH	-3.327	21	PASS







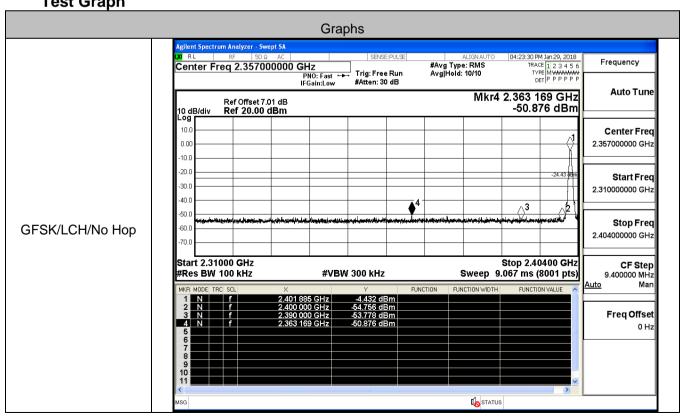


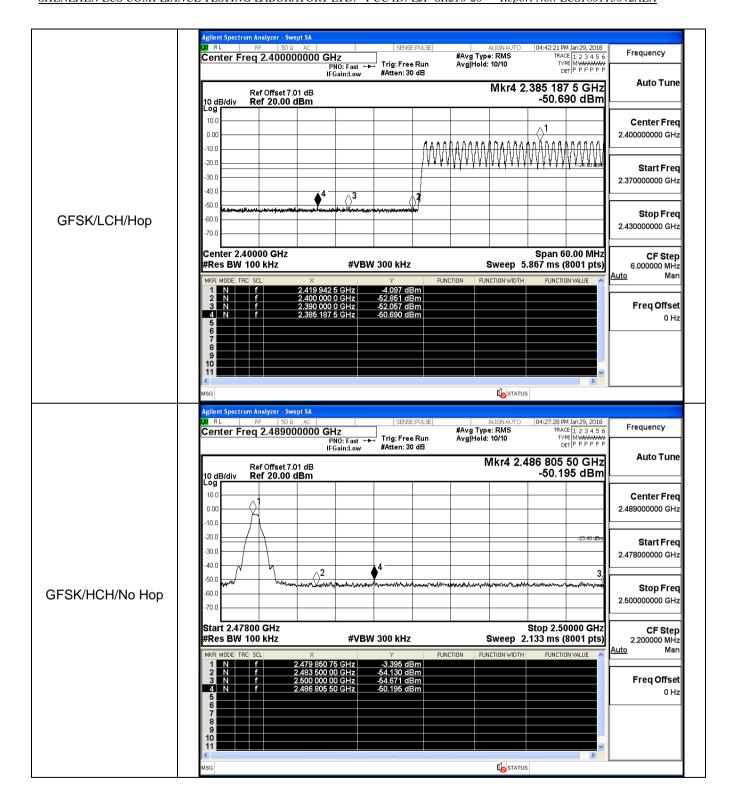


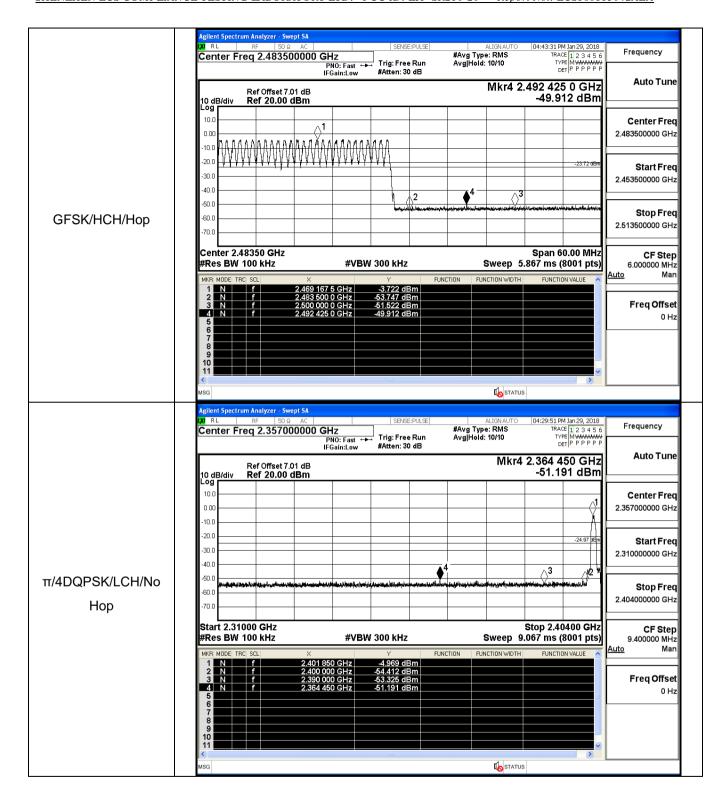
Appendix E): Band-edge for RF Conducted Emissions

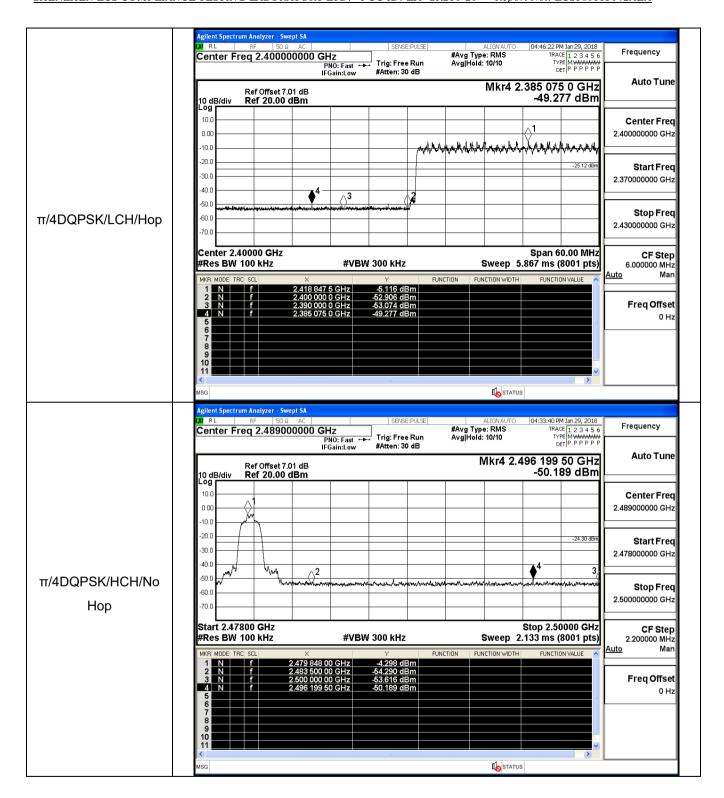
Result Table

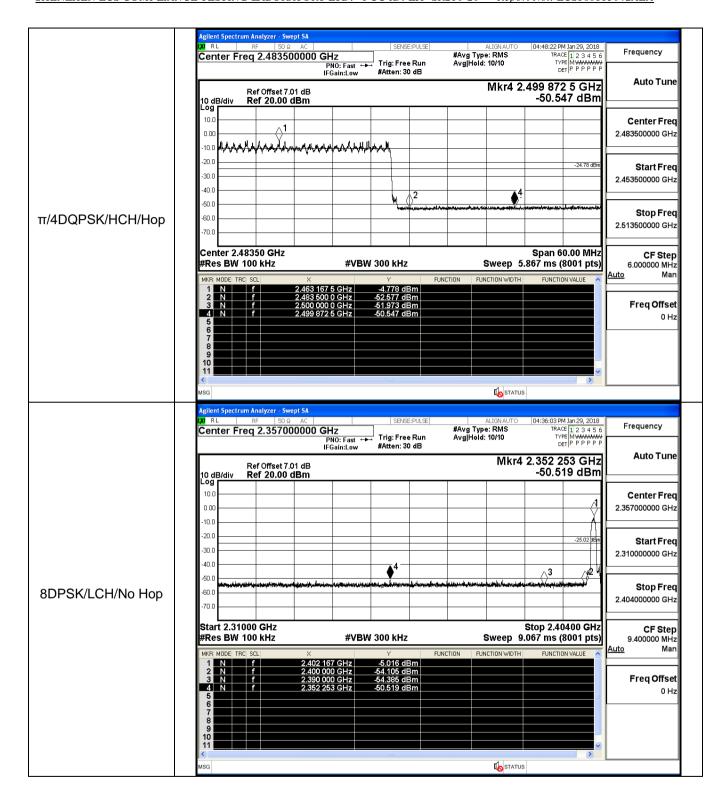
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
CECK	1.011	2402	-4.432	Off	-50.876	-24.43	PASS	
GFSK	LCH	2402	-4.097	On	-50.690	-24.1	PASS	
0501/		1 2480	-3.395	Off	-50.195	-23.4	PASS	
GFSK	HCH		-3.722	On	-49.912	-23.72	PASS	
-/4D0D0K	т/4DQPSK LCH	0.400	-4.969	Off	-51.191	-24.97	PASS	
π/4DQPSK		2402	-5.116	On	-49.277	-25.12	PASS	
/4D 0 D 0 4			0.400	-4.298	Off	-50.189	-24.3	PASS
π/4DQPSK	HCH	CH 2480	-4.778	On	-50.547	-24.78	PASS	
			-5.016	Off	-50.519	-25.02	PASS	
8DPSK	LCH	2402	-5.232	On	-50.929	-25.23	PASS	
		0.400	-4.526	Off	-51.492	-24.53	PASS	
8DPSK	HCH	2480	-4.880	On	-50.396	-24.88	PASS	

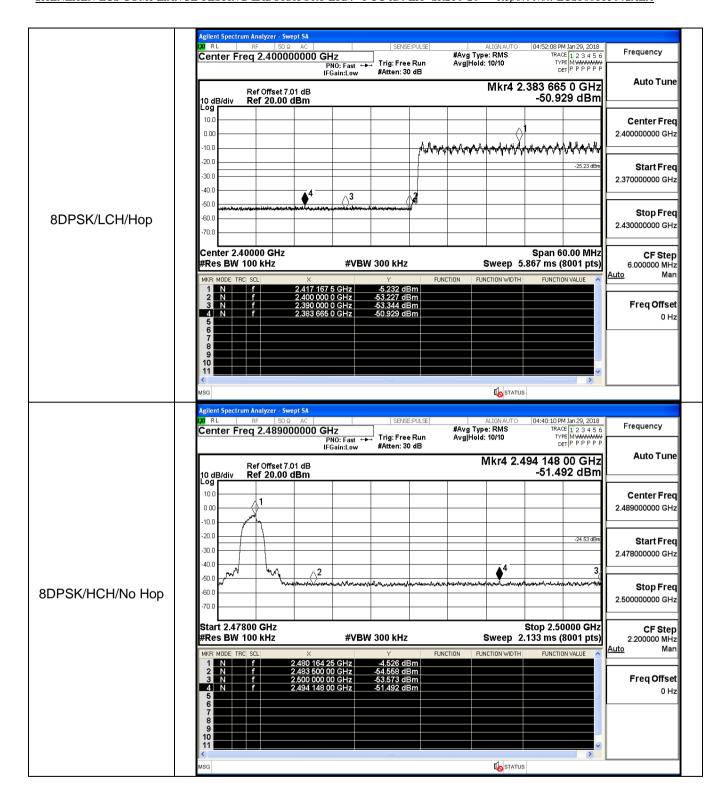


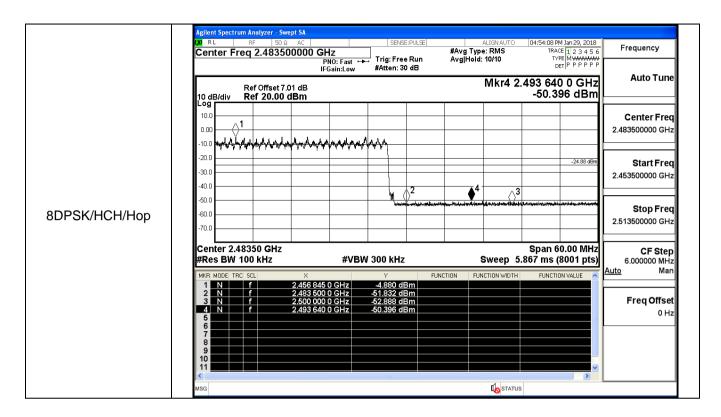








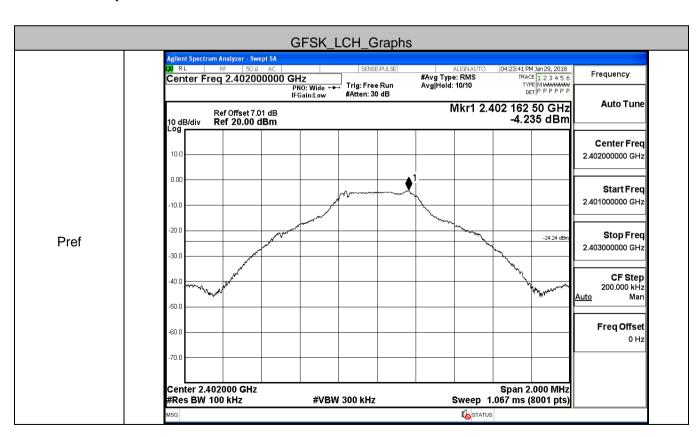


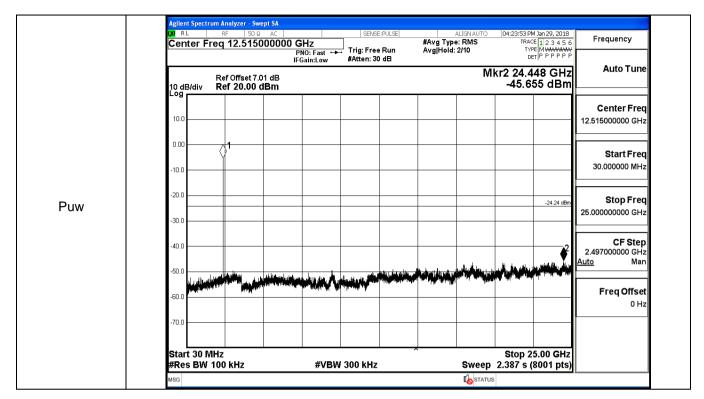


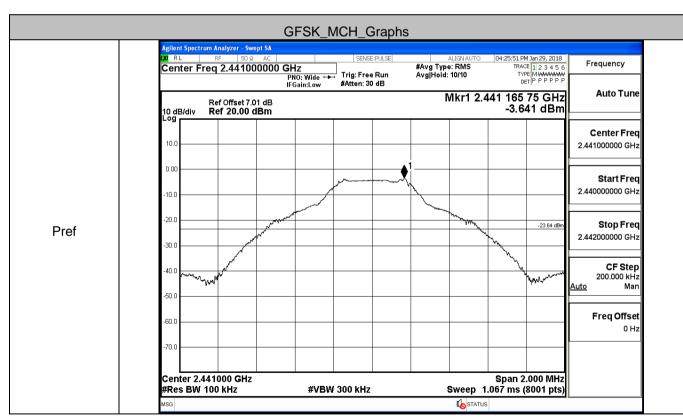
Appendix F): RF Conducted Spurious Emissions

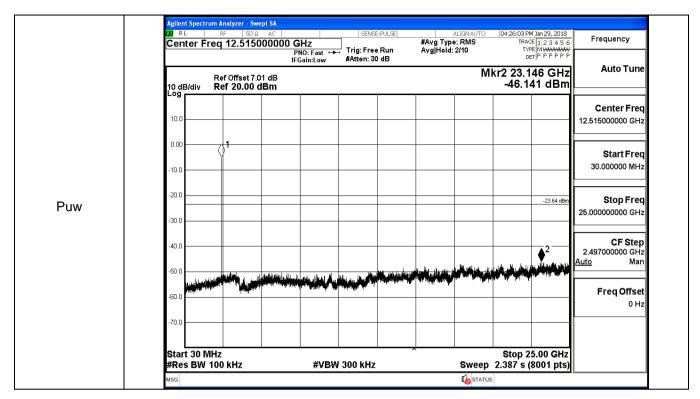
Result Table

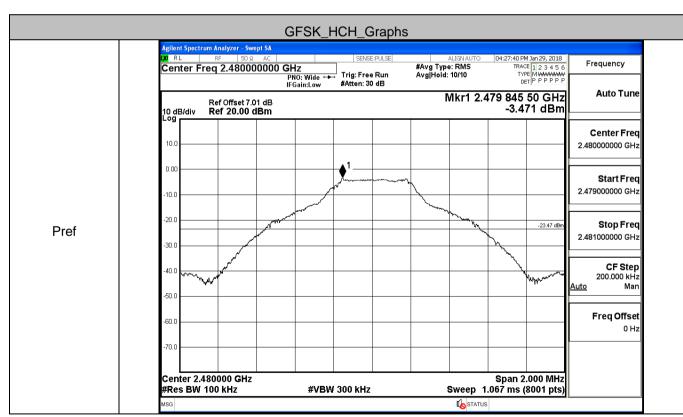
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-4.235	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	МСН	-3.641	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	НСН	-3.471	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	LCH	-4.961	-4.961 <limit< td=""></limit<>	
π/4DQPSK	МСН	-4.649	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	НСН	-4.376 <limit< td=""><td>PASS</td></limit<>		PASS
8DPSK	LCH	-5.276	<limit< td=""><td>PASS</td></limit<>	PASS
8DPSK	MCH	-4.562 <limit< td=""><td>PASS</td></limit<>		PASS
8DPSK	HCH	-4.564	<limit< td=""><td>PASS</td></limit<>	PASS

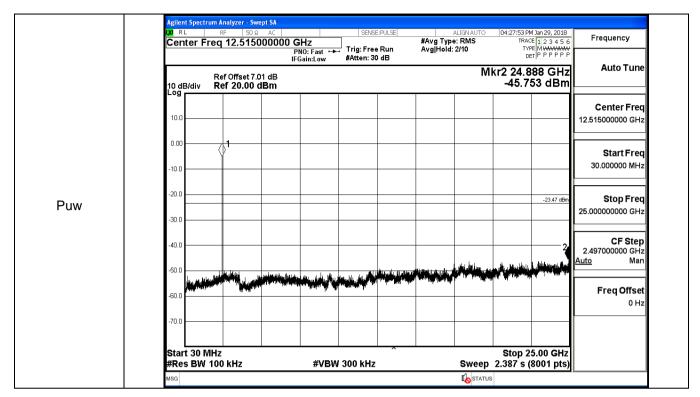


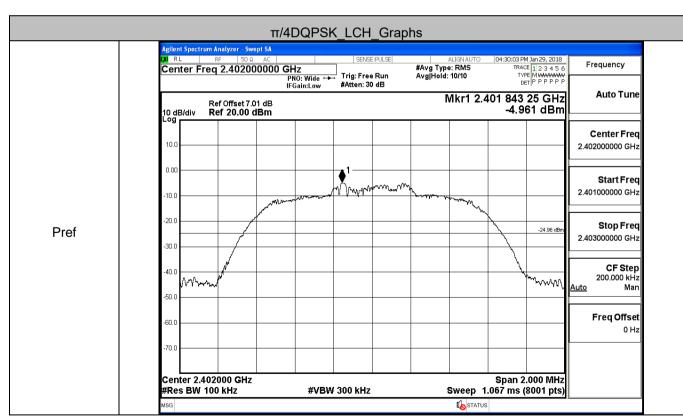


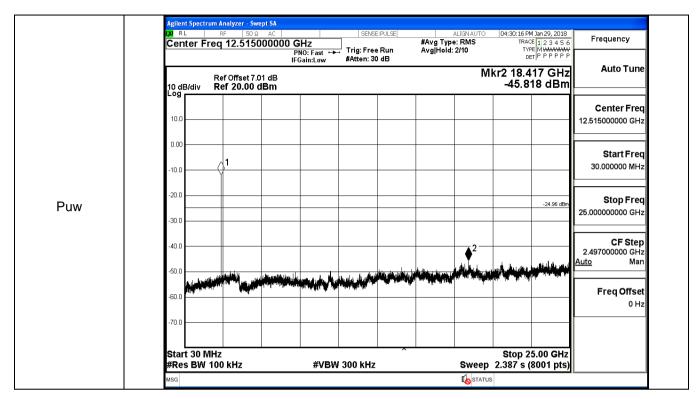


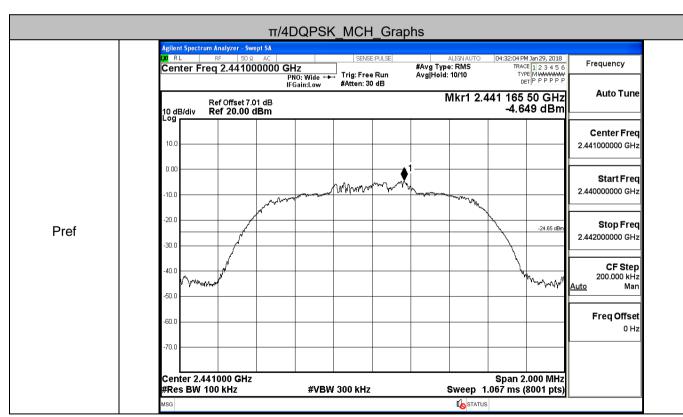


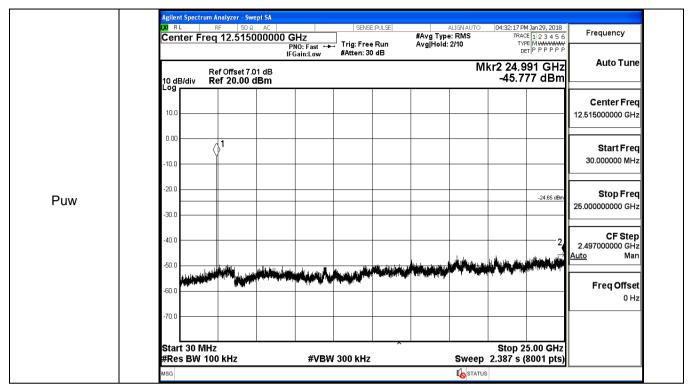


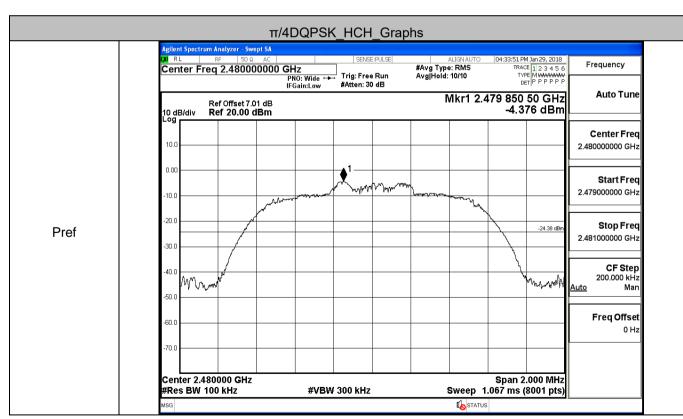


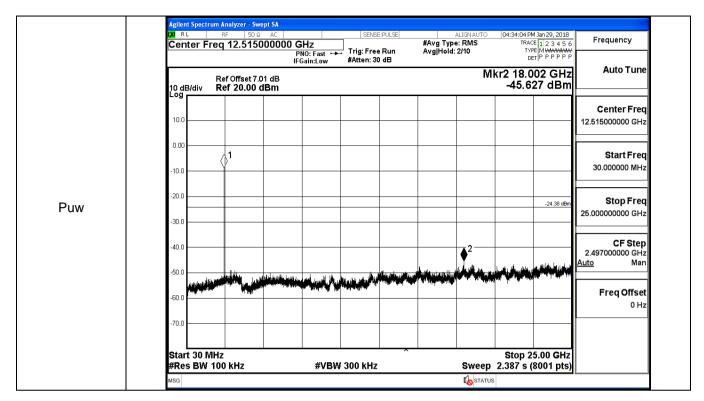


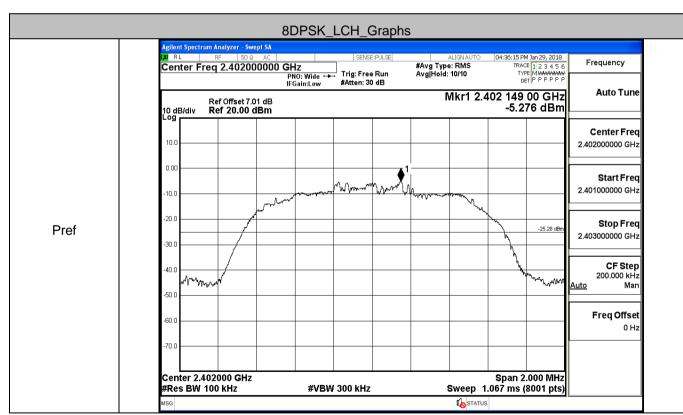


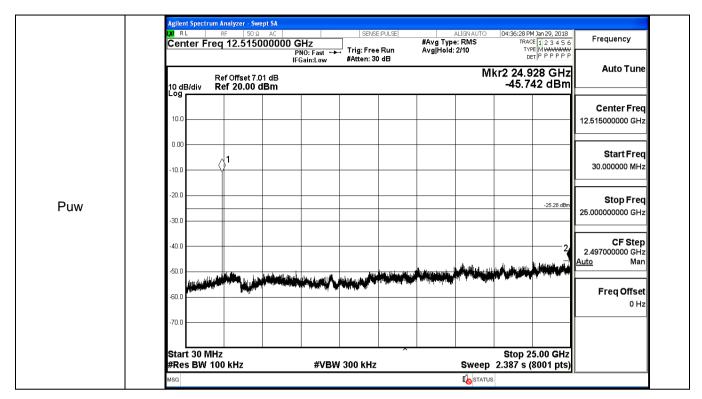


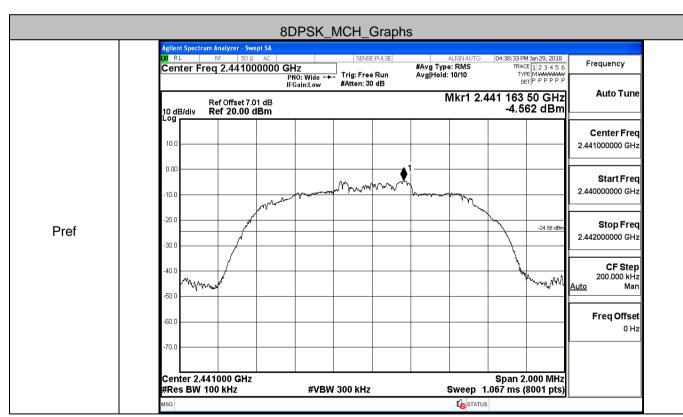


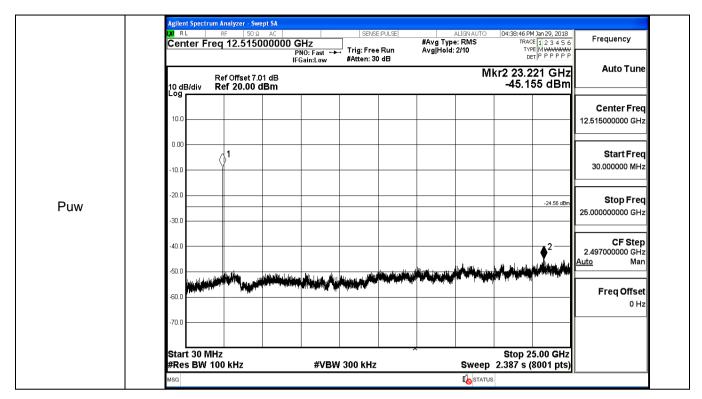


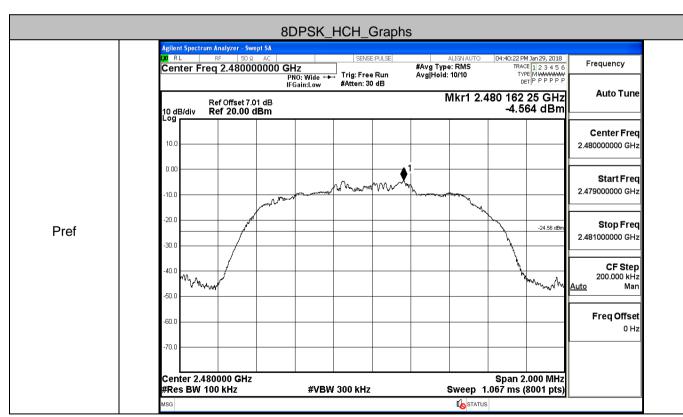


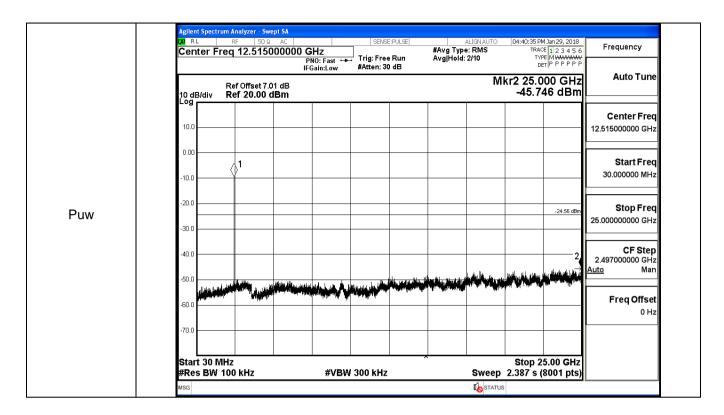












. Appendix G):Restrict-band band-edge measurements

Result Table

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detect or	Limit [dBuV/ m]	Verdi
GFSK_DH5	On	2310.0	-43.57	2	0	51.69	PEAK	74	PASS
GFSK_DH5	On	2310.0	-55.06	2	0	40.20	AV	54	PASS
GFSK_DH5	On	2390.0	-44.94	2	0	50.32	PEAK	74	PASS
GFSK_DH5	On	2390.0	-54.57	2	0	40.69	AV	54	PASS
GFSK_DH5	On	2483.5	-44.73	2	0	50.53	PEAK	74	PASS
GFSK_DH5	On	2483.5	-54.39	2	0	40.87	AV	54	PASS
GFSK_DH5	On	2500.0	-45.32	2	0	49.94	PEAK	74	PASS
GFSK_DH5	On	2500.0	-54.30	2	0	40.96	AV	54	PASS
π/4DQPSK _2DH5	On	2310.0	-44.73	2	0	50.53	PEAK	74	PASS
π/4DQPSK_ 2DH5	On	2310.0	-55.05	2	0	40.21	AV	54	PASS
π/4DQPSK_ 2DH5	On	2390.0	-45.30	2	0	49.96	PEAK	74	PASS
π/4DQPSK _2DH5	On	2390.0	-54.69	2	0	40.57	AV	54	PASS
π/4DQPSK _2DH5	On	2483.5	-44.92	2	0	50.33	PEAK	74	PASS
π/4DQPSK _2DH5	On	2483.5	-54.46	2	0	40.80	AV	54	PASS
π/4DQPSK _2DH5	On	2500.0	-43.87	2	0	51.38	PEAK	74	PASS
π/4DQPSK_ 2DH5	On	2500.0	-54.38	2	0	40.87	AV	54	PASS
8DPSK _3DH5	On	2310.0	-44.22	2	0	51.04	PEAK	74	PASS
8DPSK _3DH5	On	2310.0	-54.95	2	0	40.31	AV	54	PASS
8DPSK _3DH5	On	2390.0	-44.99	2	0	50.27	PEAK	74	PASS
8DPSK _3DH5	On	2390.0	-54.75	2	0	40.51	AV	54	PASS
8DPSK_3DH5	On	2483.5	-43.90	2	0	51.36	PEAK	74	PASS
8DPSK_3DH5	On	2483.5	-54.45	2	0	40.81	AV	54	PASS
8DPSK_3DH5	On	2500.0	-43.62	2	0	51.64	PEAK	74	PASS
8DPSK_3DH5	On	2500.0	-54.43	2	0	40.83	AV	54	PASS

