Appendix A

RF Test Data for BT V5.0(BDR/EDR) (Conducted Measurement)

Product Name: WIRELESS SPORT EARBUDS Trade Mark: N/A Test Model: 17LY86BK

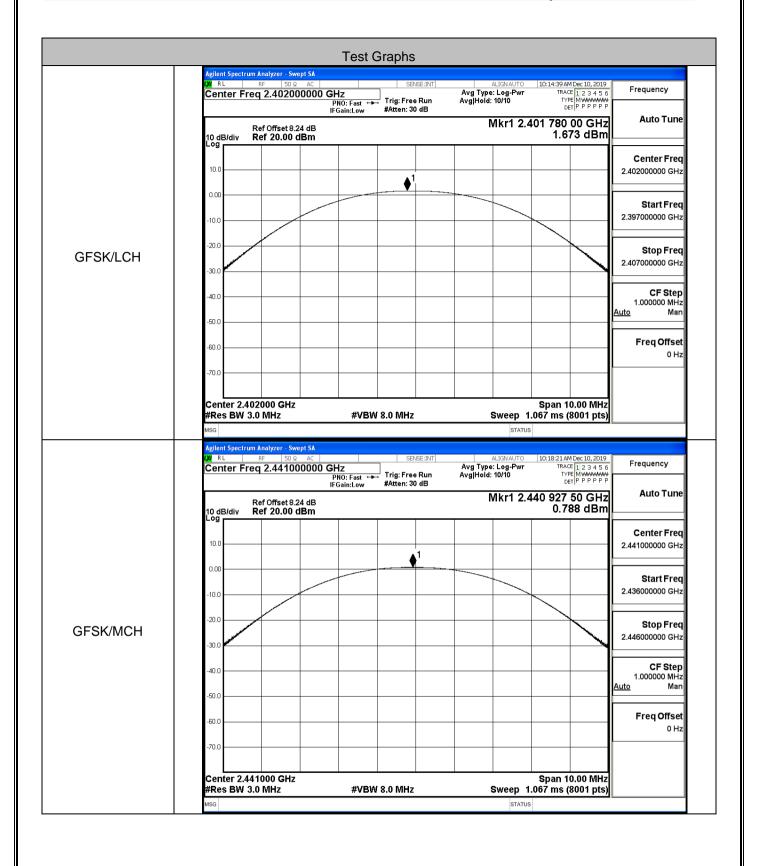
Environmental Conditions

_ -	
Temperature:	24.3 ° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	QuXin
Supervised by:	Wang.Chuang

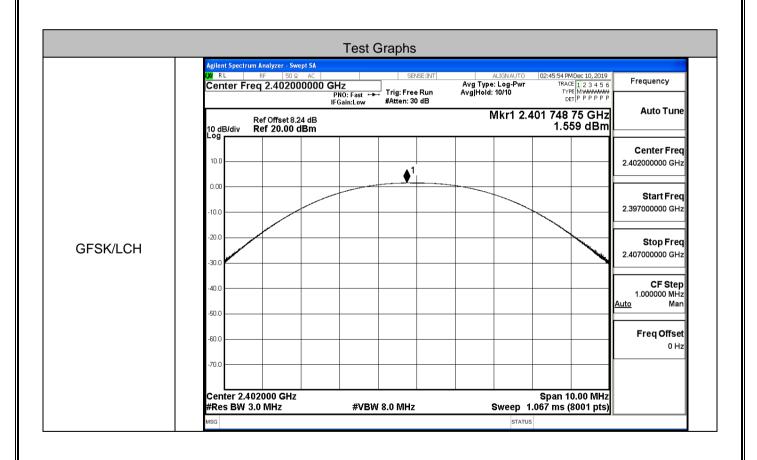
A.1 Maxmum Conducted Peak Output Power

Left Ear

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.673	30	PASS
GFSK	MCH	0.788	30	PASS
	НСН	0.229	30	PASS
	LCH	2.504	21	PASS
π/4DQPSK	MCH	1.442	21	PASS
	НСН	0.380	21	PASS
8DPSK	LCH	2.528	21	PASS
	MCH	1.057	21	PASS
	HCH	0.460	21	PASS



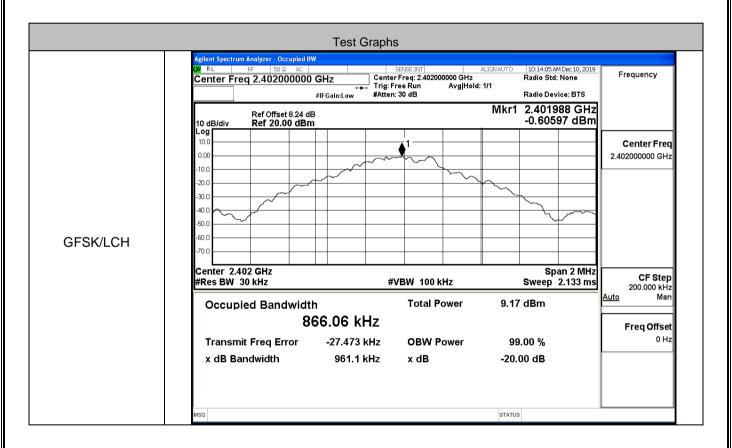
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	1.559	30	PASS
GFSK	MCH	0.425	30	PASS
	НСН	-0.385	30	PASS
	LCH	1.945	21	PASS
π/4DQPSK	MCH	0.323	21	PASS
	НСН	-0.390	21	PASS
8DPSK	LCH	2.043	21	PASS
	MCH	0.361	21	PASS
	НСН	-0.391	21	PASS

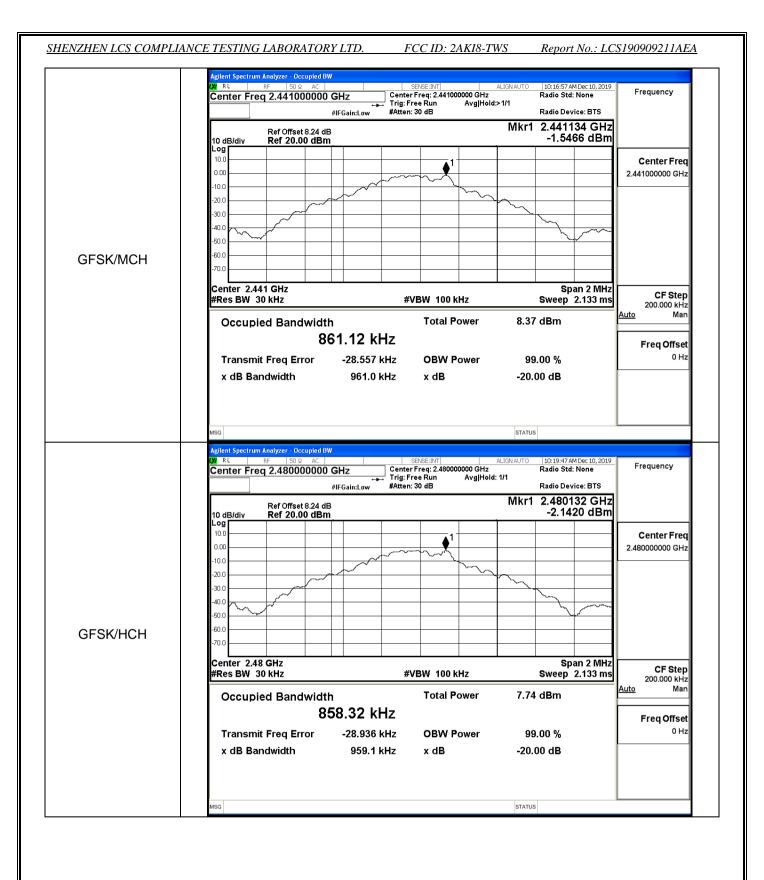


A.2 20dB Bandwidth

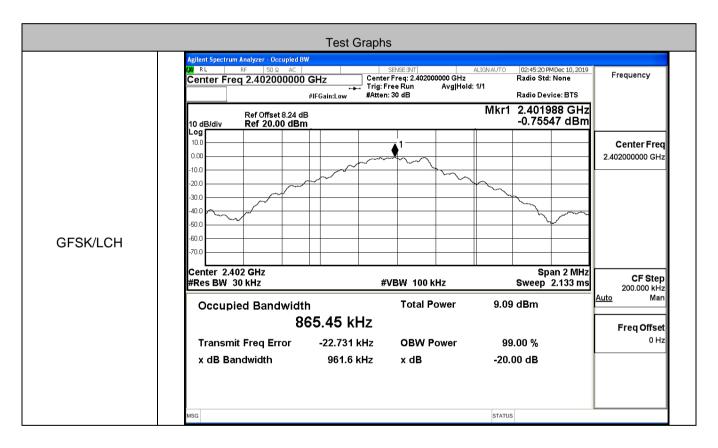
Left Ear

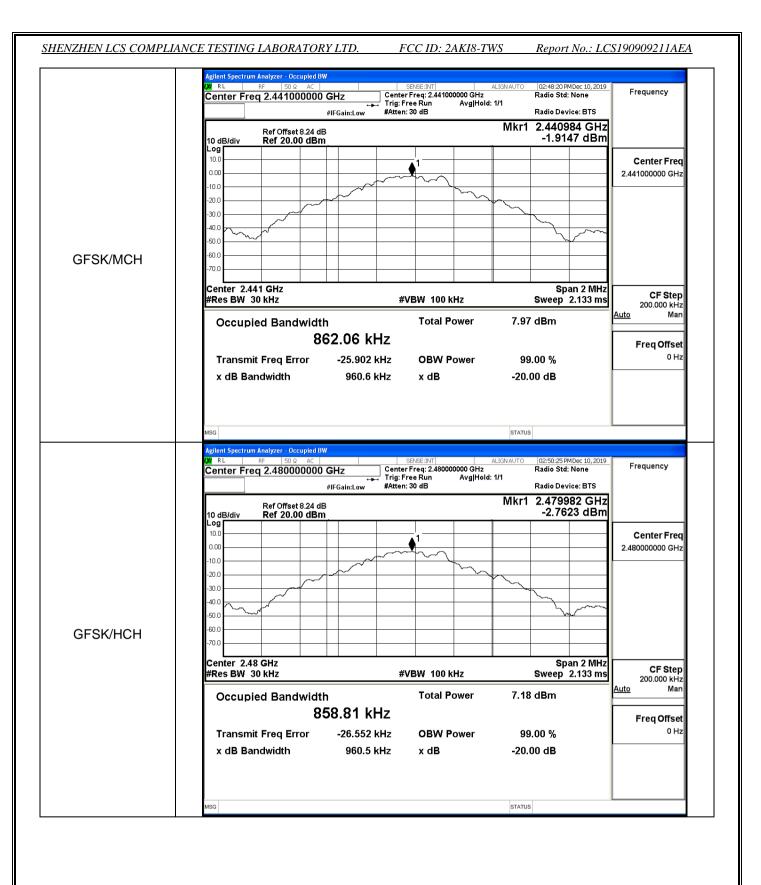
Mode	Mode Channel. 20dB Bandwidth [MHz]		Limit [MHz]	Verdict	
	LCH	0.9611	Not Specified	PASS	
GFSK	MCH	0.9610	Not Specified	PASS	
	НСН	0.9591	Not Specified	PASS	
	LCH	1.345	Not Specified	PASS	
π/4DQPSK	MCH	1.346	Not Specified	PASS	
	HCH	0.6883	Not Specified	PASS	
	LCH	1.316	Not Specified	PASS	
8DPSK	MCH	0.6970	Not Specified	PASS	
	HCH	0.6926	Not Specified	PASS	

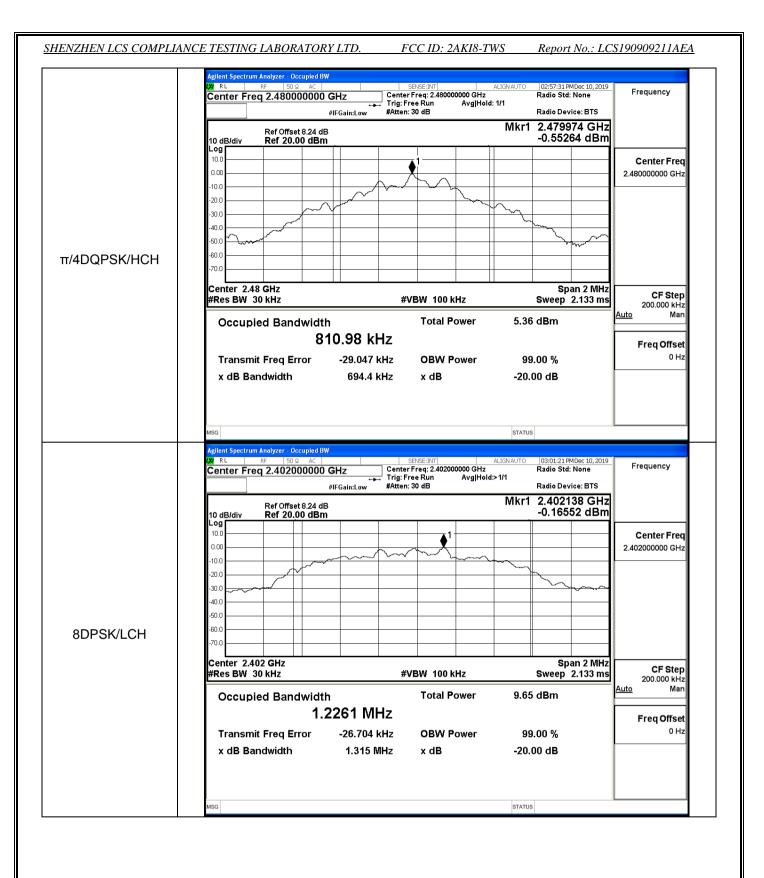




Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9616	Not Specified	PASS
GFSK	MCH	0.9606	Not Specified	PASS
	HCH	0.9605	Not Specified	PASS
	LCH	1.351	Not Specified	PASS
π/4DQPSK	MCH	0.6983	Not Specified	PASS
	HCH	0.6944	Not Specified	PASS
8DPSK	LCH	1.315	Not Specified	PASS
	MCH	0.6943	Not Specified	PASS
	HCH	0.6914	Not Specified	PASS



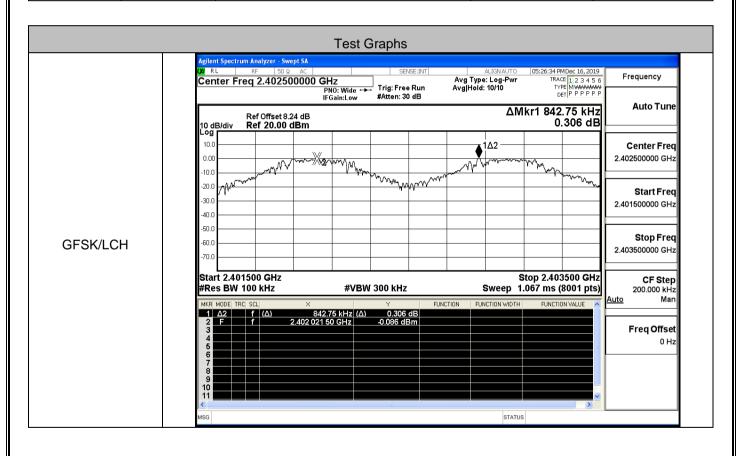


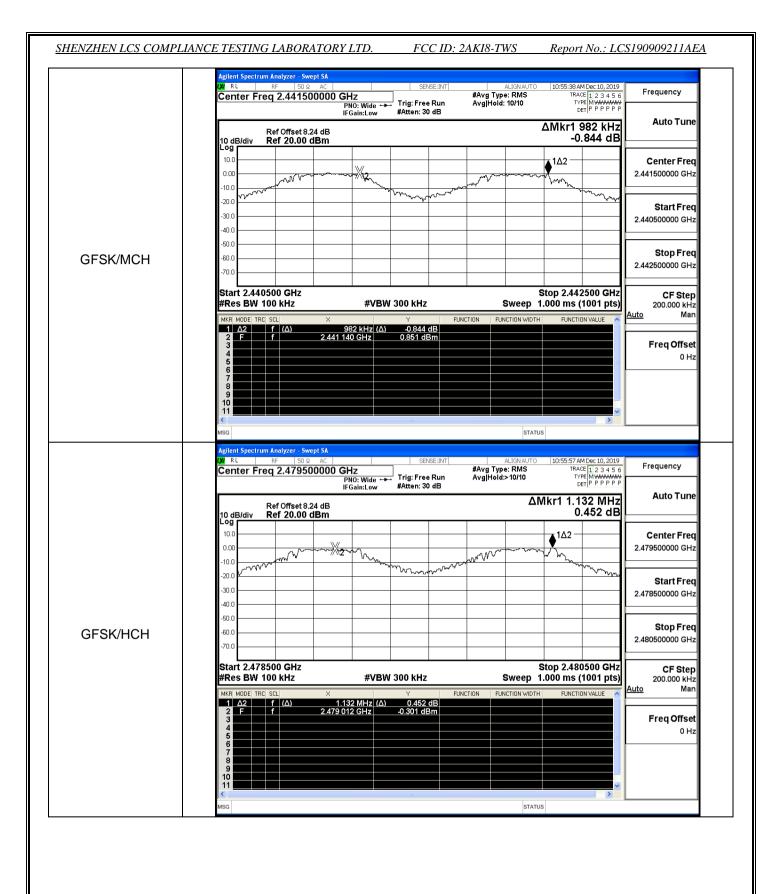


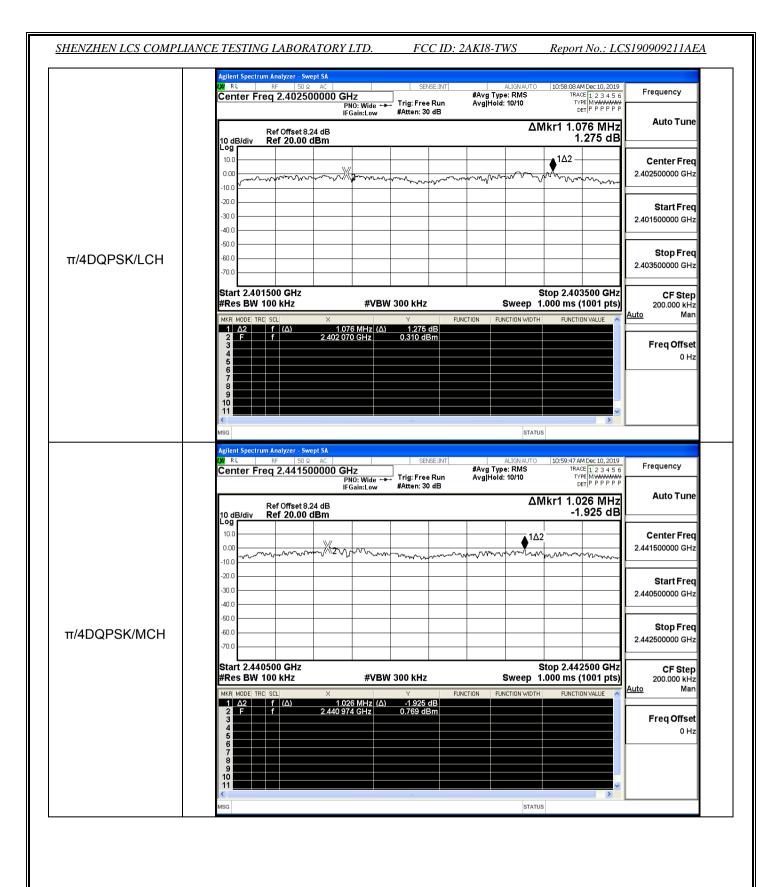
A.3 Carrier Frequency Separation

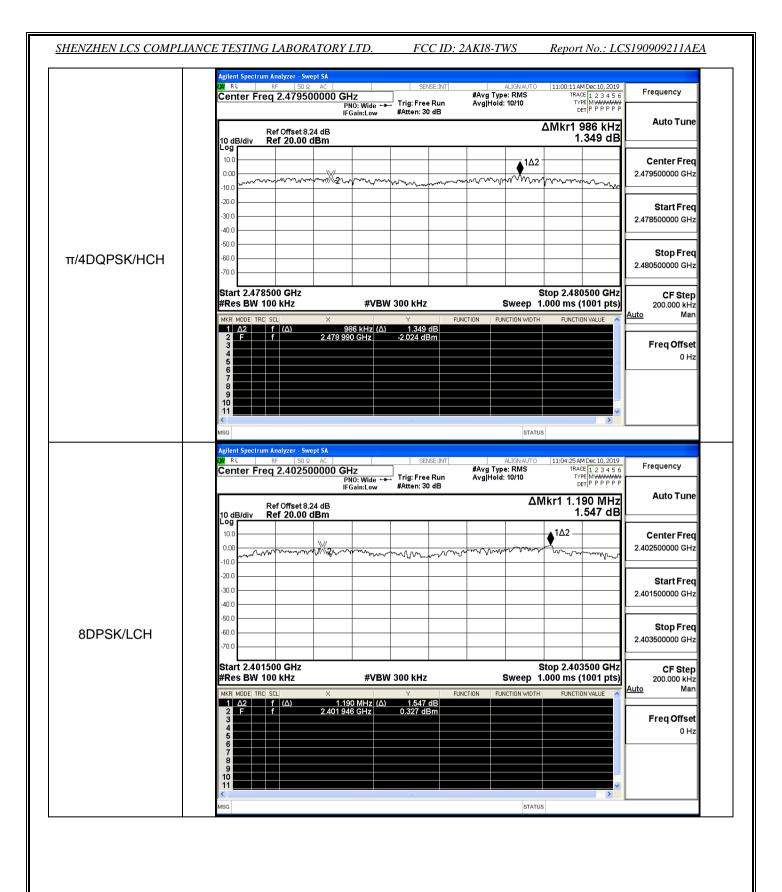
Left Ear

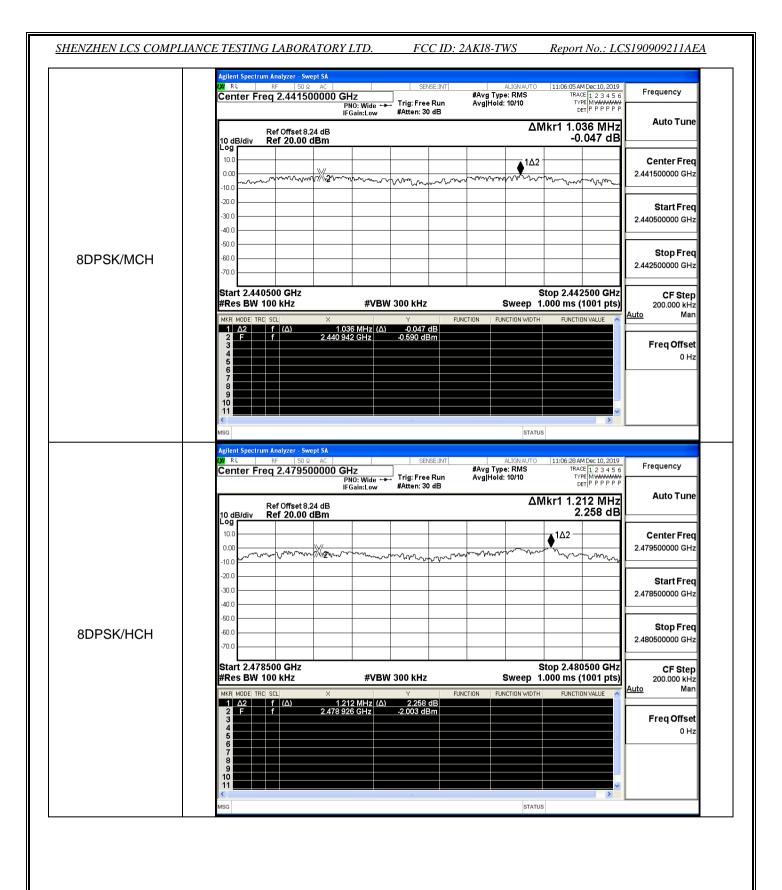
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	0.843	0.641	PASS
GFSK	MCH	0.982	0.641	PASS
	HCH	1.132	0.641	PASS
	LCH	1.076	0.897	PASS
π/4DQPSK	MCH	1.026	0.897	PASS
	HCH	0.986	0.897	PASS
8DPSK	LCH	1.190	0.877	PASS
	MCH	1.036	0.877	PASS
	HCH	1.212	0.877	PASS



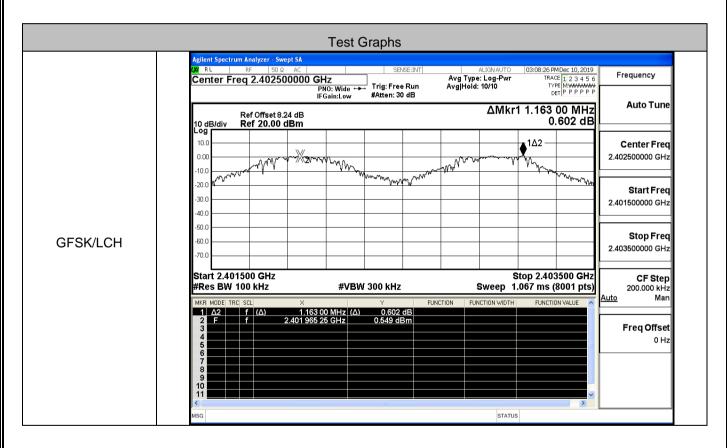




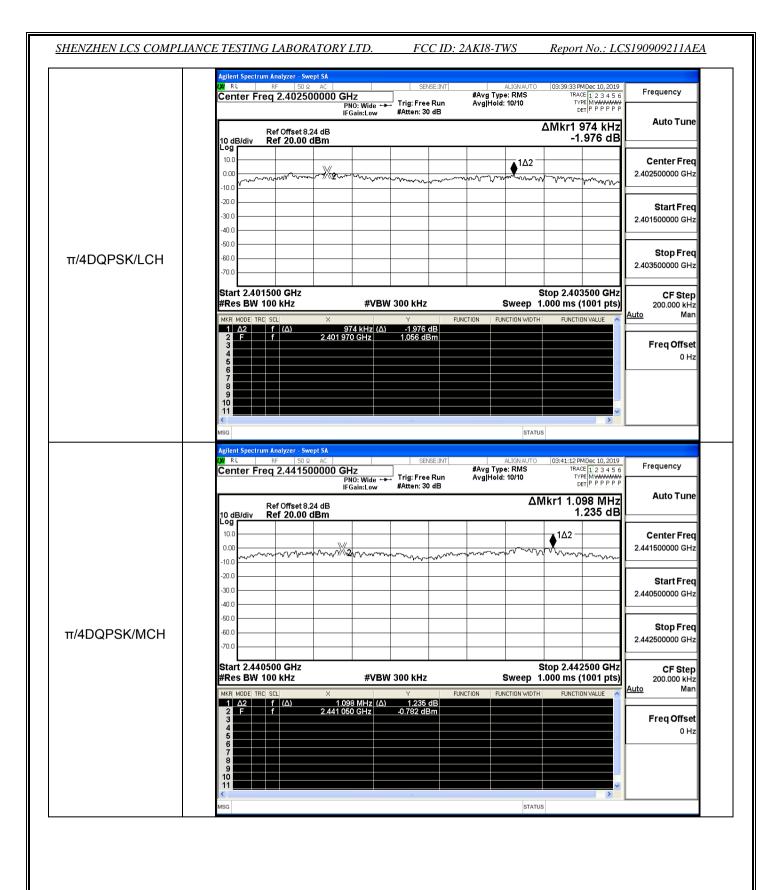


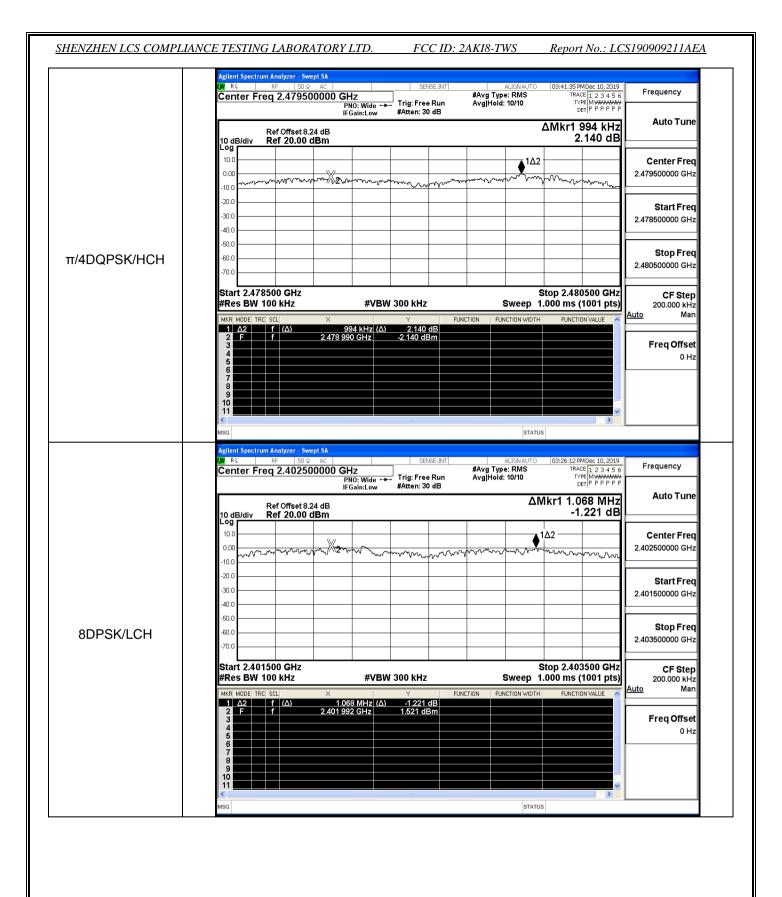


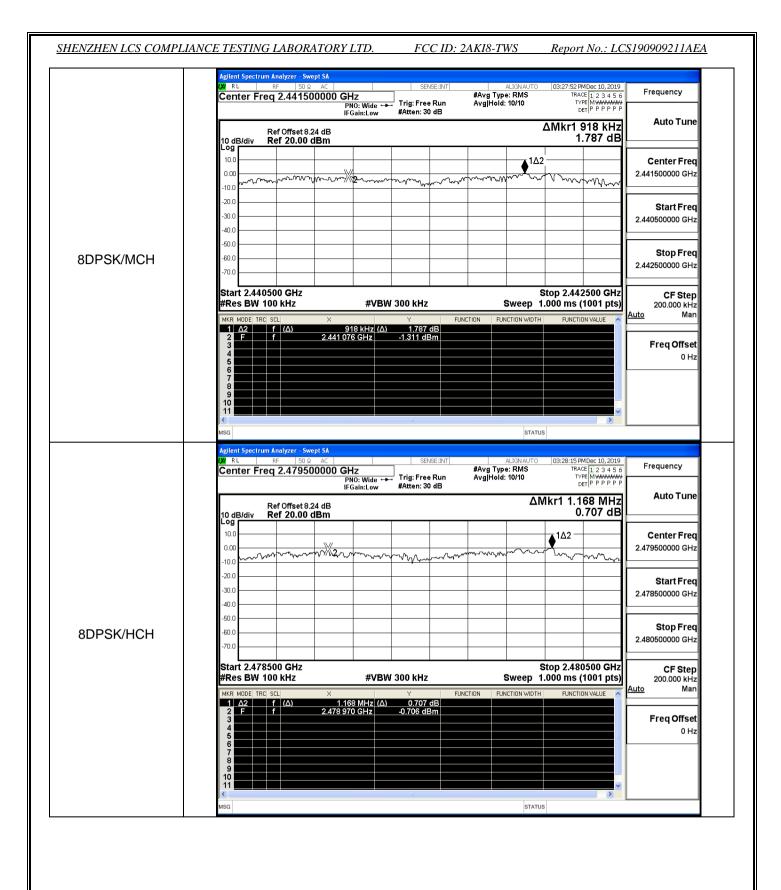
Mode	Channel. Carrier Frequency Separation [MHz]		Limit [MHz]	Verdict	
	LCH	1.163	0.641	PASS	
GFSK	MCH	1.128	0.641	PASS	
	HCH	0.860	0.641	PASS	
	LCH	0.974	0.901	PASS	
π/4DQPSK	MCH	1.098	0.901	PASS	
	HCH	0.994	0.901	PASS	
8DPSK	LCH	1.068	0.877	PASS	
	MCH	0.918	0.877	PASS	
	HCH	1.168	0.877	PASS	







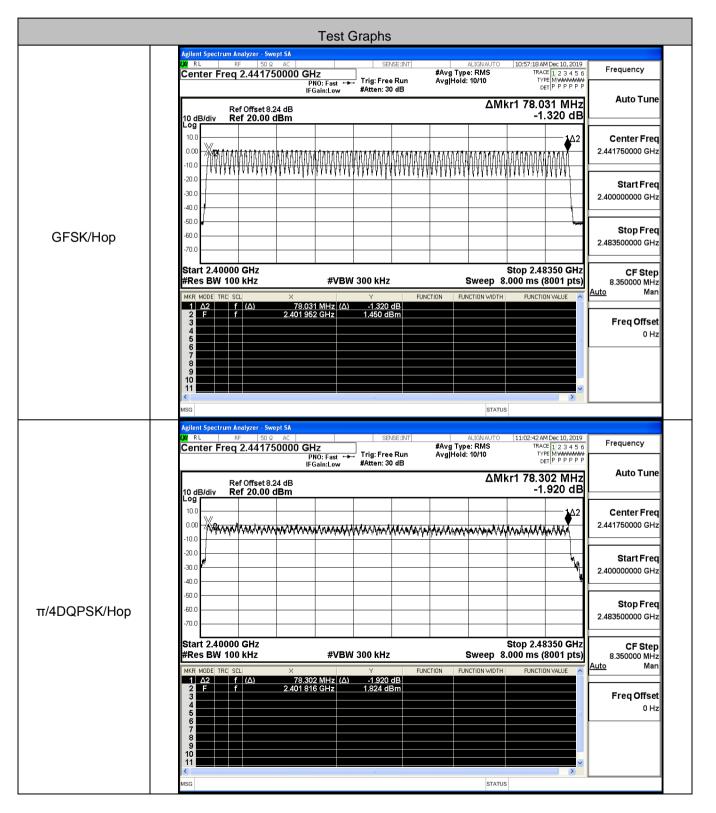


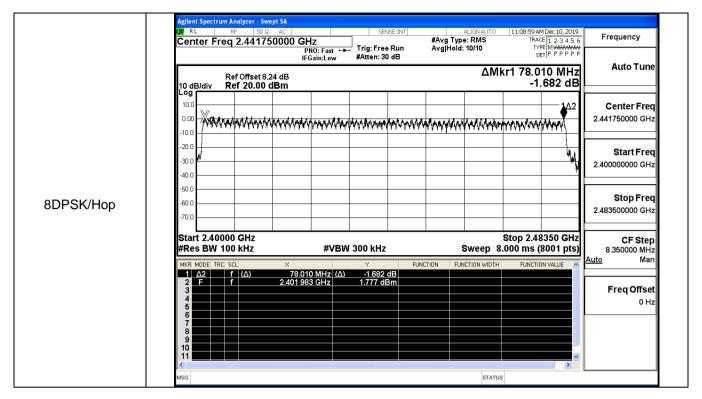


A.4 Hopping Channel Number

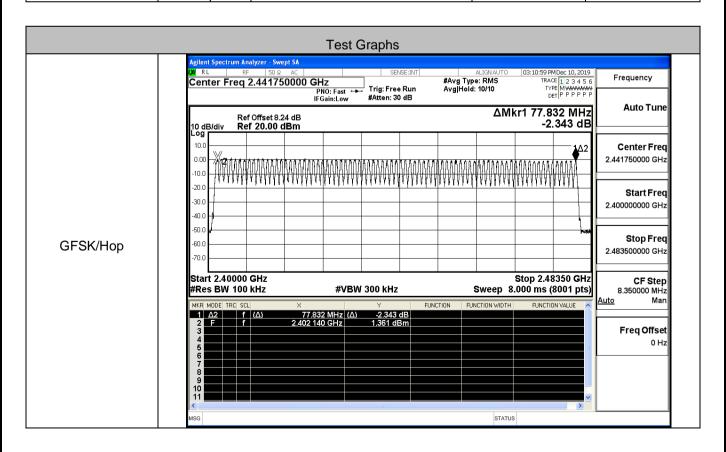
Left Ear

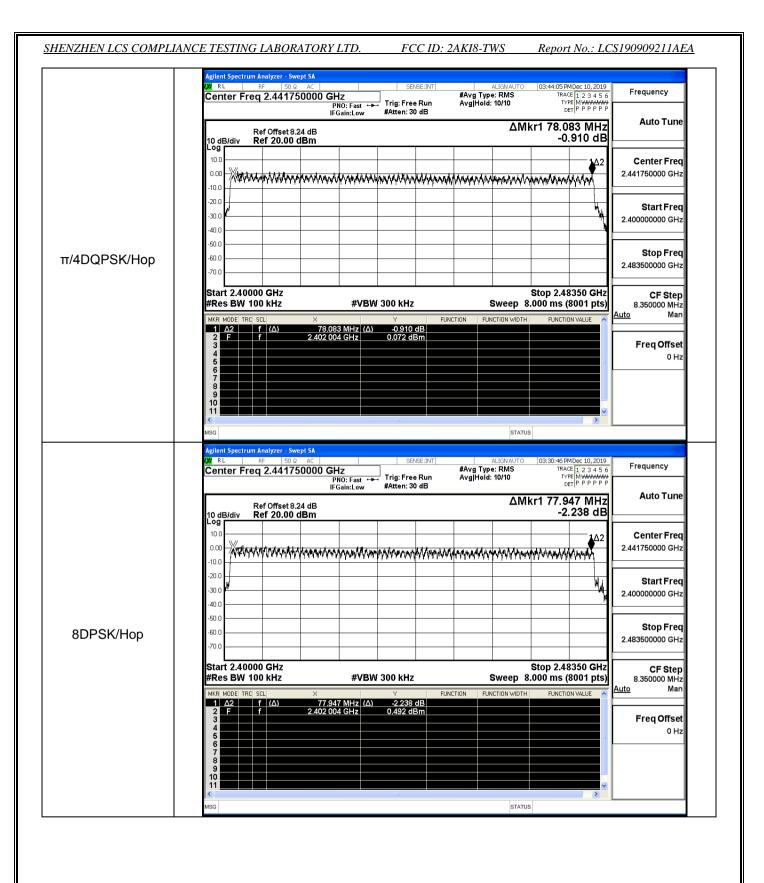
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79 >=15		PASS
8DPSK	Нор	79	>=15	PASS





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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

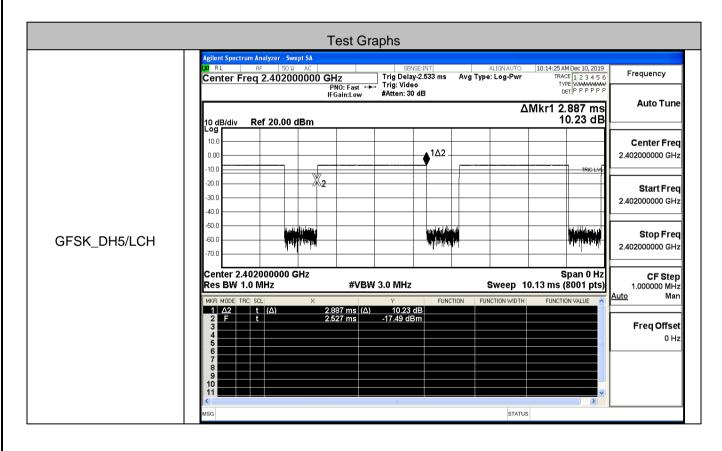


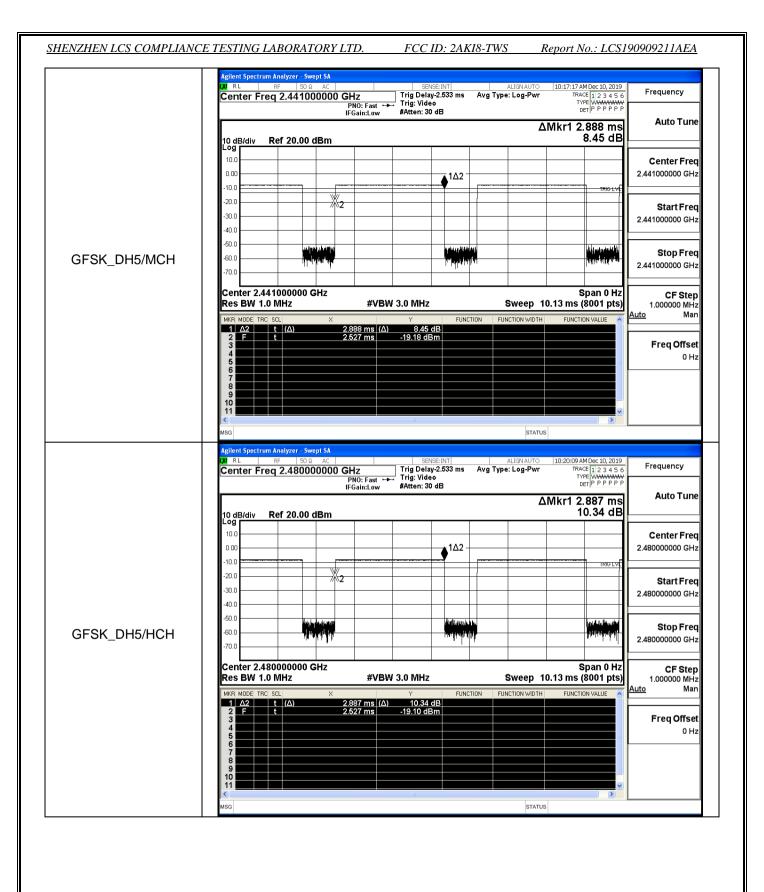


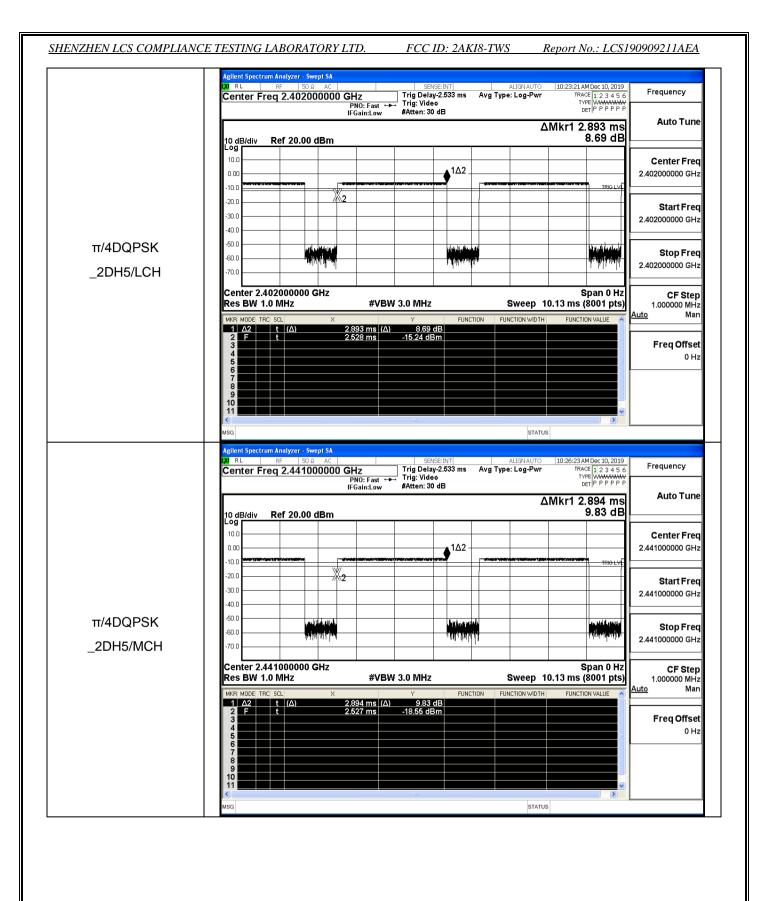
A.5 Dwell Time

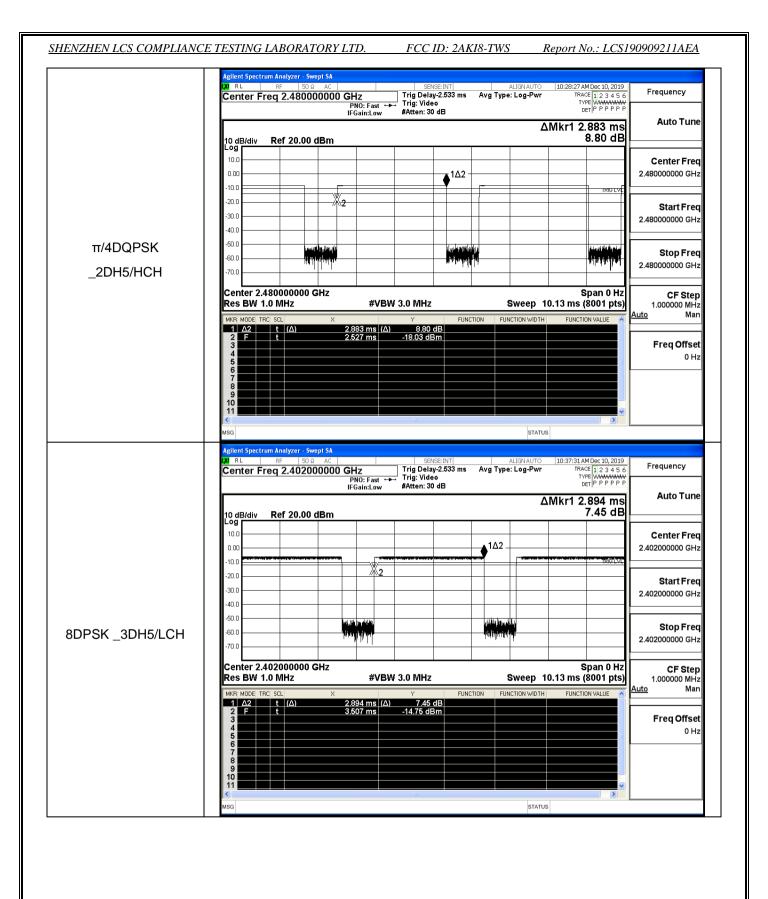
Left Ear

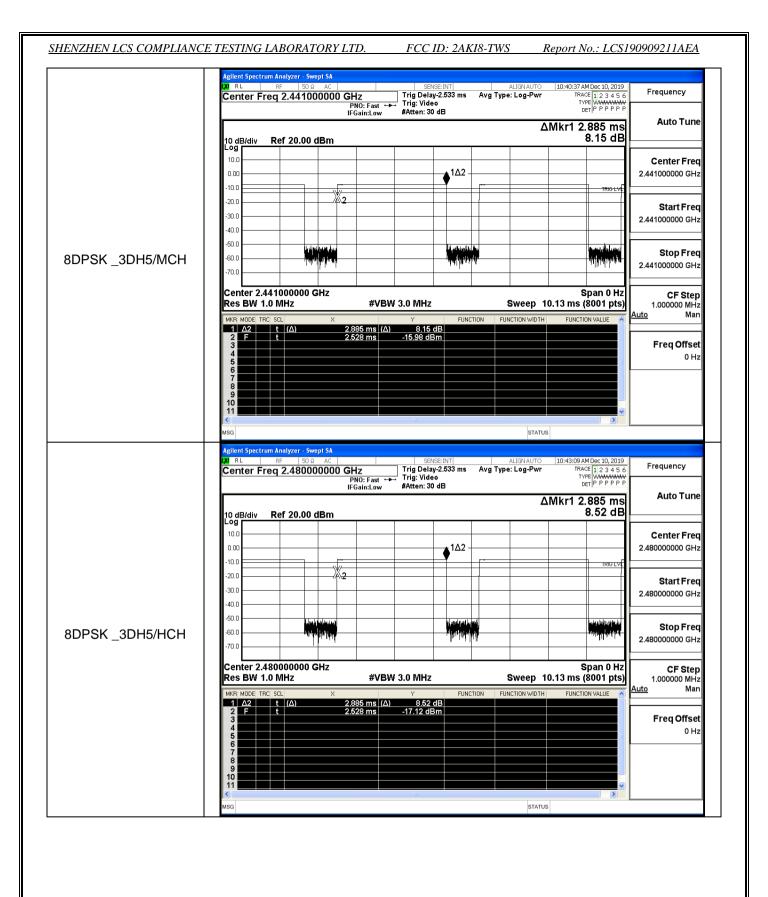
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.89	106.7	0.308	0.4	PASS
GFSK	DH5	MCH	2.89	106.7	0.308	0.4	PASS
	DH5	HCH	2.89	106.7	0.308	0.4	PASS
π/4DQPSK	2DH5	LCH	2.89	106.7	0.308	0.4	PASS
	2DH5	MCH	2.89	106.7	0.308	0.4	PASS
	2DH5	HCH	2.89	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.89	106.7	0.308	0.4	PASS
	3DH5	MCH	2.89	106.7	0.308	0.4	PASS
	3DH5	HCH	2.89	106.7	0.308	0.4	PASS





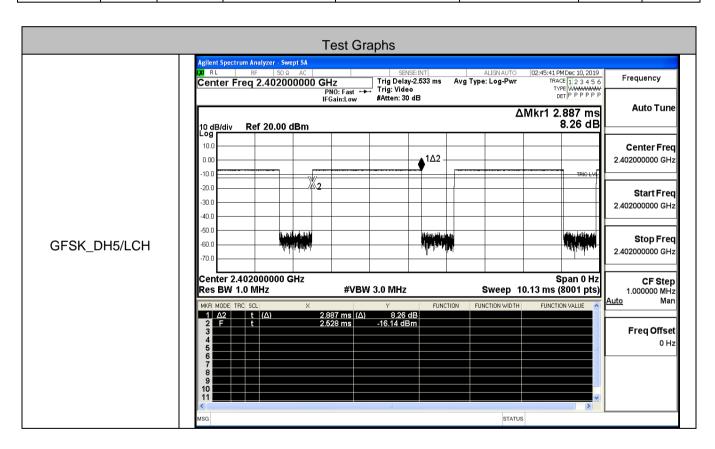


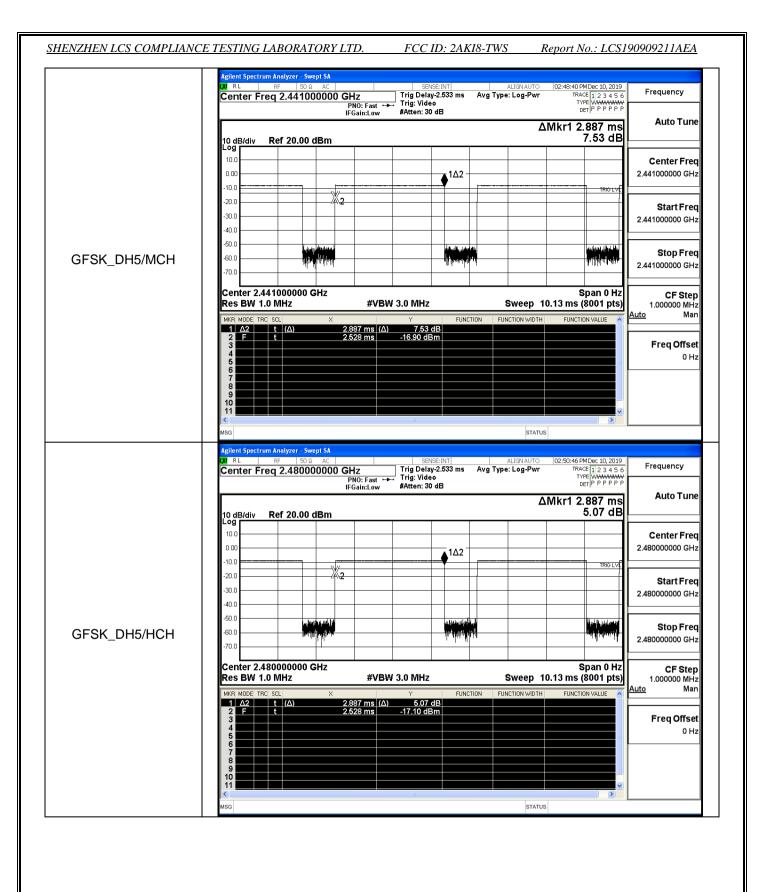


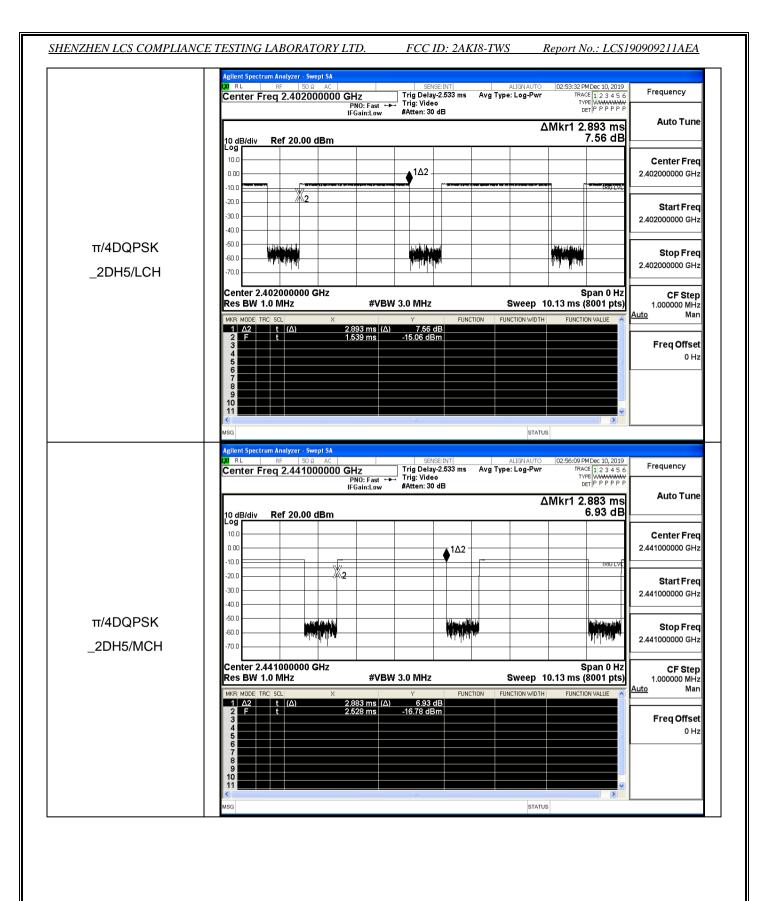


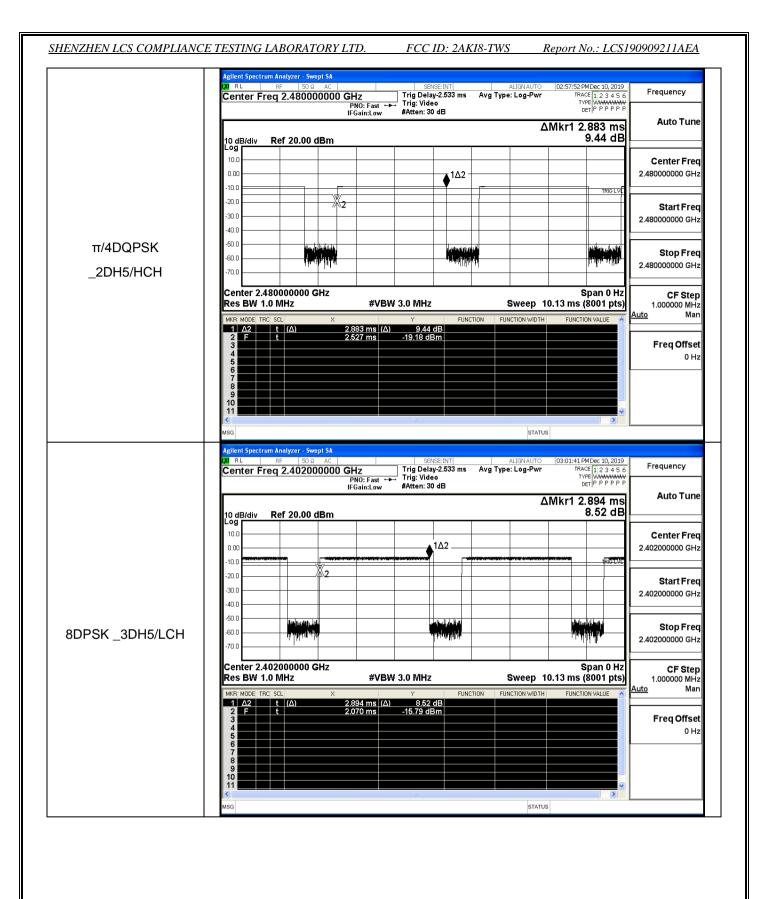
Right Ear

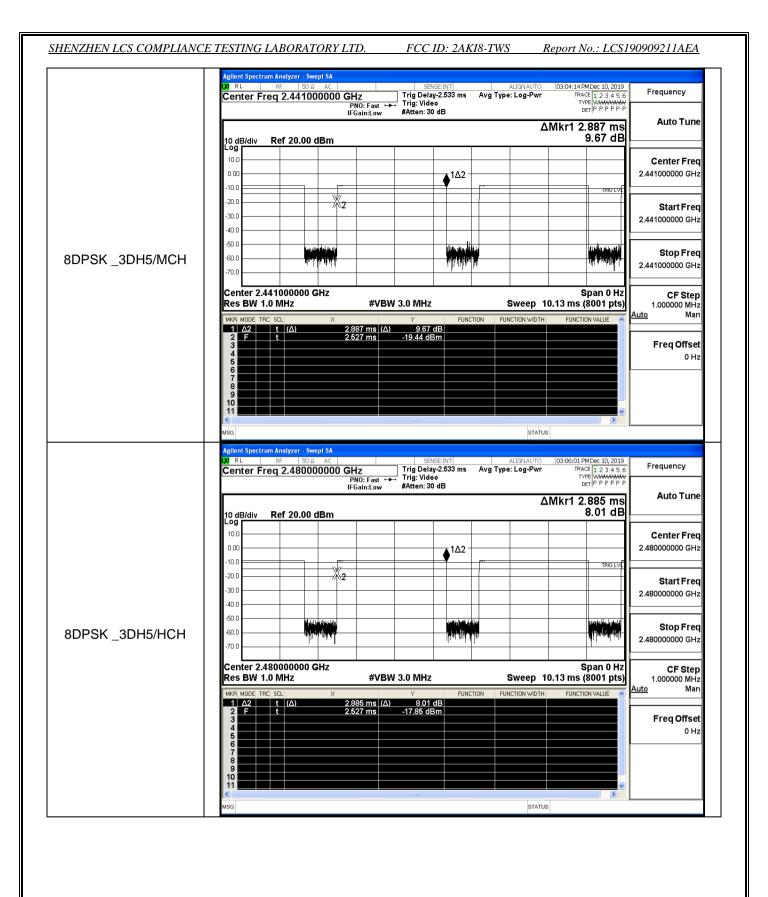
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
GFSK	DH5	LCH	2.89	106.7	0.308	0.4	PASS
	DH5	MCH	2.89	106.7	0.308	0.4	PASS
	DH5	HCH	2.89	106.7	0.308	0.4	PASS
π/4DQPSK	2DH5	LCH	2.89	106.7	0.308	0.4	PASS
	2DH5	MCH	2.89	106.7	0.307	0.4	PASS
	2DH5	HCH	2.89	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.89	106.7	0.308	0.4	PASS
	3DH5	MCH	2.89	106.7	0.308	0.4	PASS
	3DH5	HCH	2.89	106.7	0.308	0.4	PASS







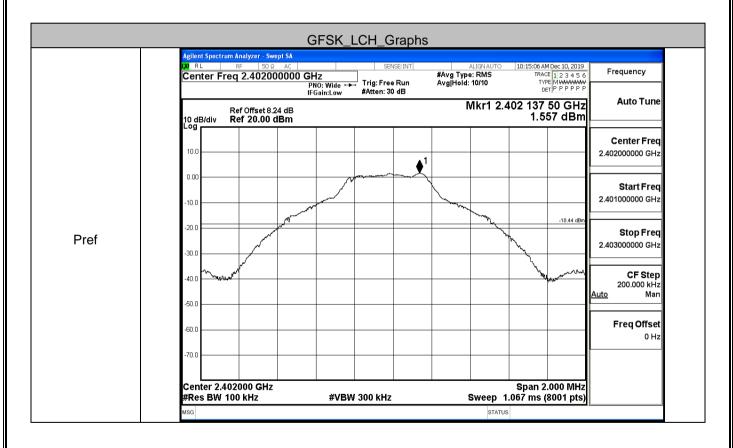




A.6 RF Conducted Spurious Emissions

Left Ear

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	1.557	-37.597	-18.443	PASS
GFSK	MCH	0.432	-37.802	-19.568	PASS
	HCH	0.072	-36.246	-19.928	PASS
π/4DQPSK	LCH	1.844	-37.522	-18.156	PASS
	MCH	0.673	-36.719	-19.327	PASS
	НСН	0.182	-38.027	-19.818	PASS
8DPSK	LCH	1.955	-37.085	-18.045	PASS
	MCH	0.903	-37.648	-19.097	PASS
	HCH	0.292	-36.909	-19.708	PASS



#VBW 300 kHz

Stop 25.00 GHz Sweep 2.387 s (8001 pts)

STATUS

Start 30 MHz #Res BW 100 kHz

