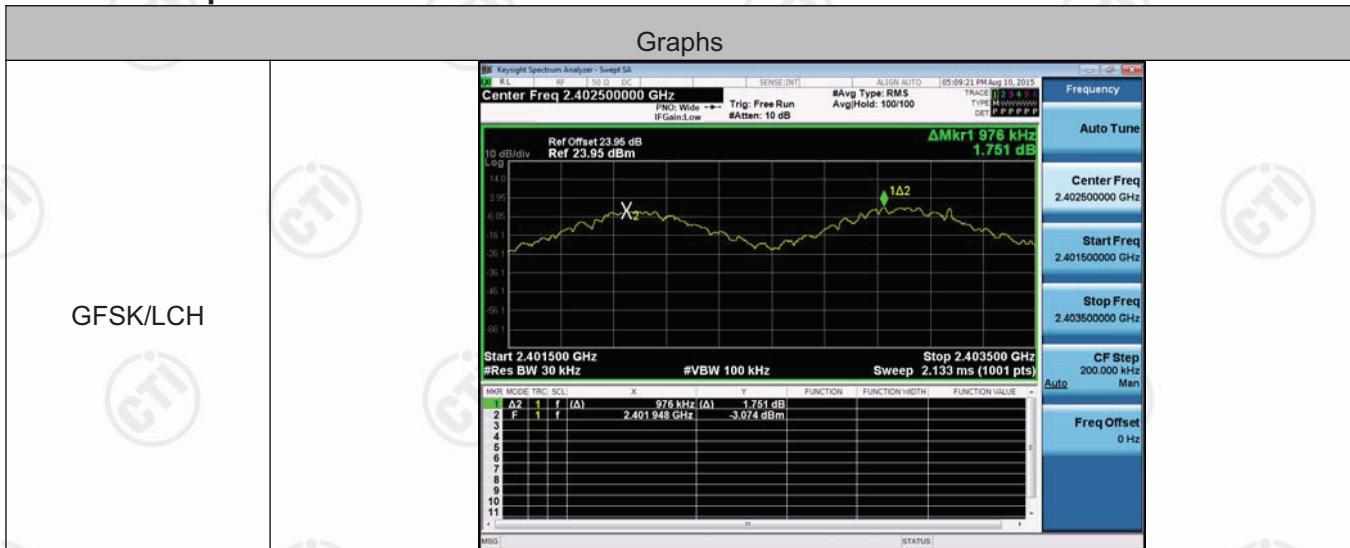


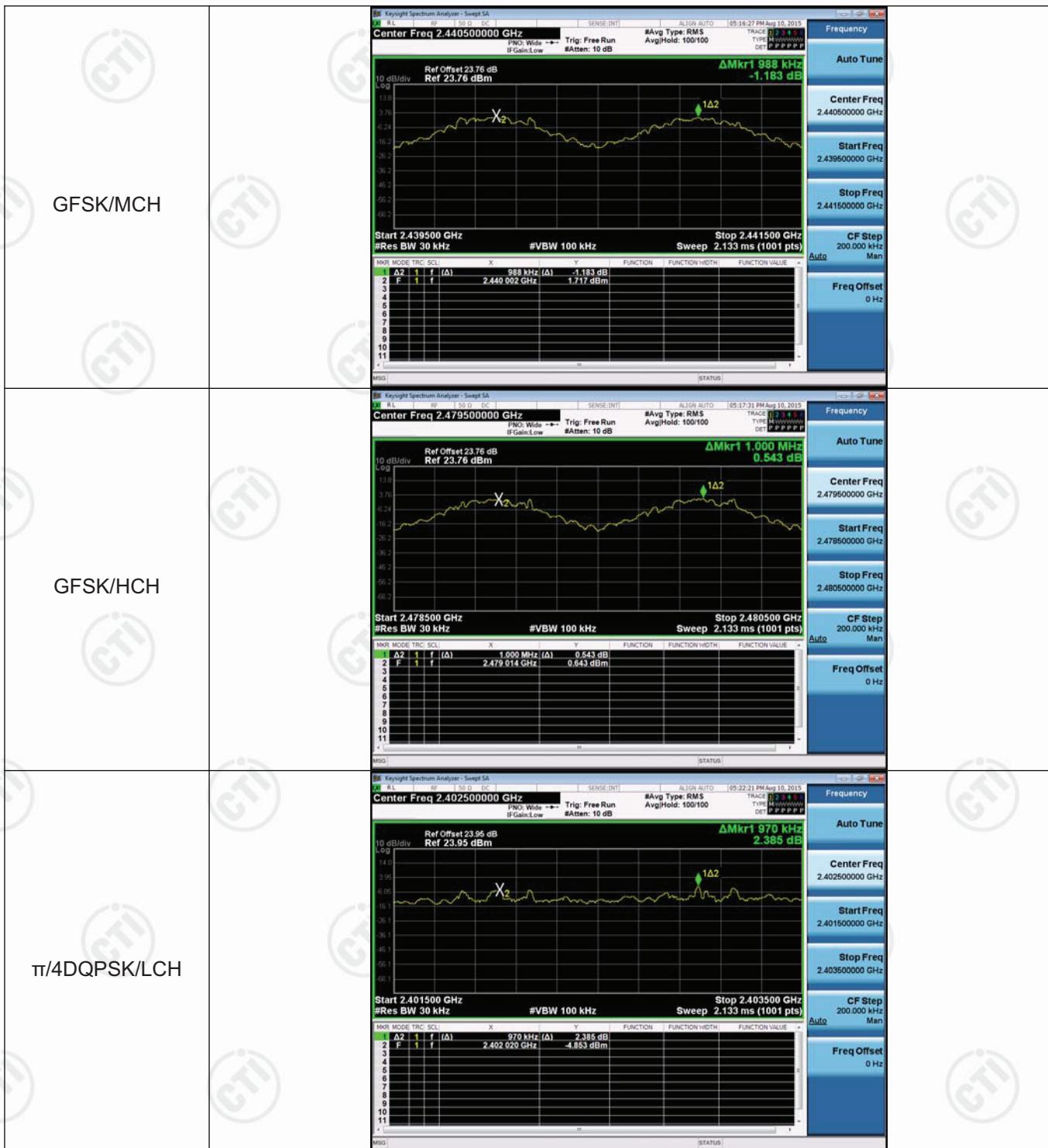
Appendix B) Carrier Frequency Separation

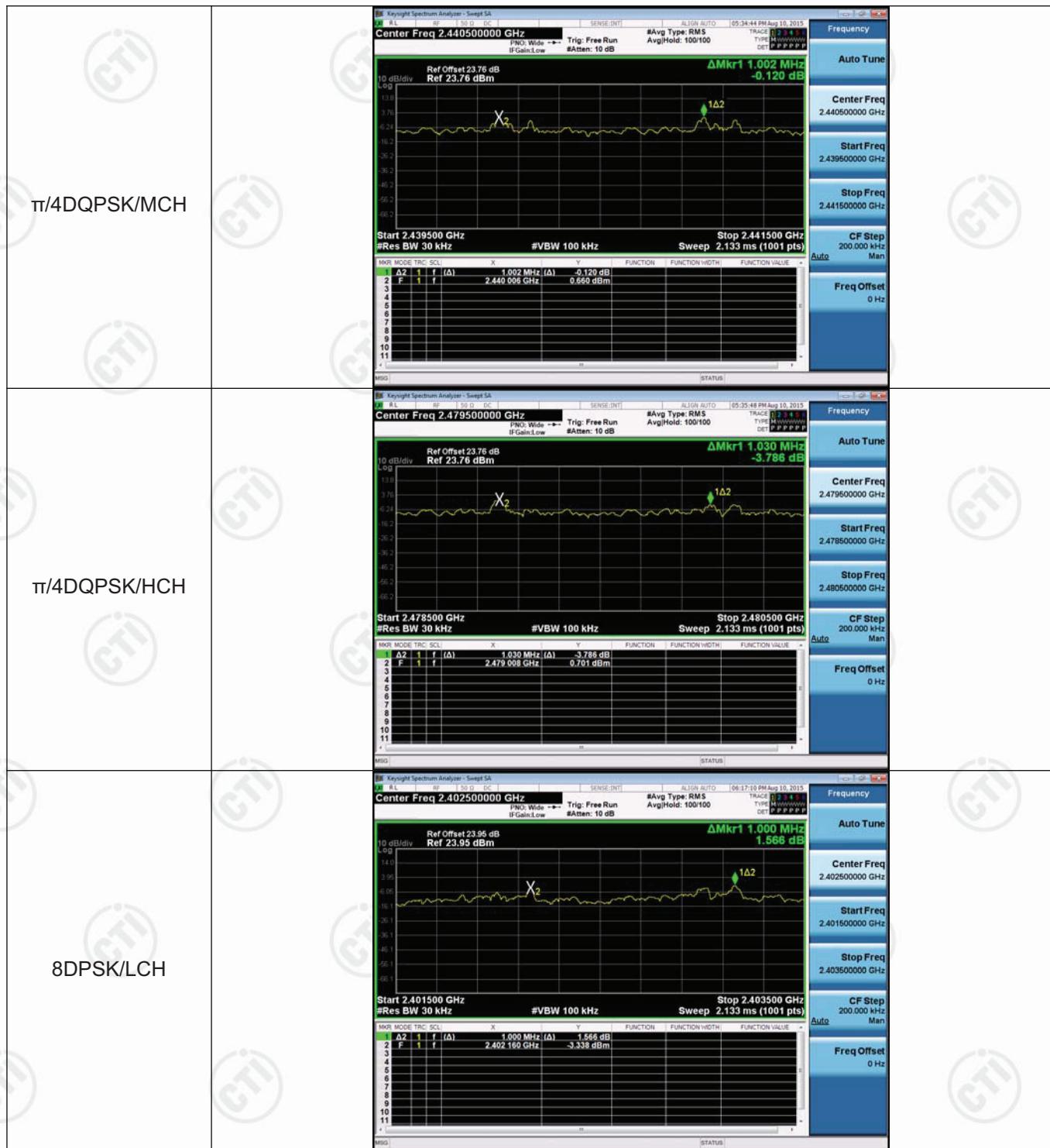
Result Table

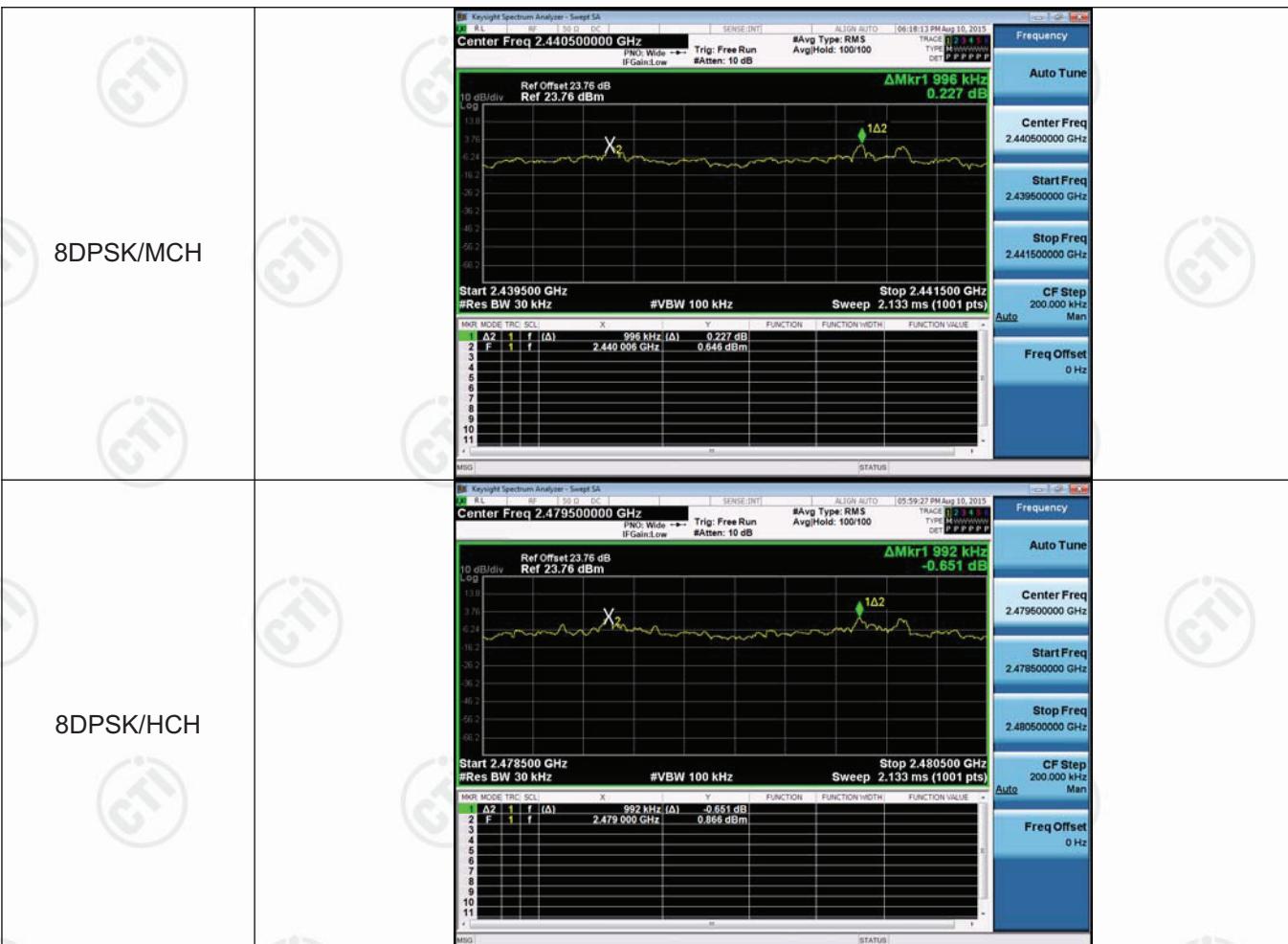
Mode	Channel.	Carrier Frequency Separation [MHz]	Verdict
GFSK	LCH	0.976	PASS
GFSK	MCH	0.988	PASS
GFSK	HCH	1.000	PASS
$\pi/4$ DQPSK	LCH	0.970	PASS
$\pi/4$ DQPSK	MCH	1.002	PASS
$\pi/4$ DQPSK	HCH	1.030	PASS
8DPSK	LCH	1.000	PASS
8DPSK	MCH	0.996	PASS
8DPSK	HCH	0.992	PASS

Test Graph









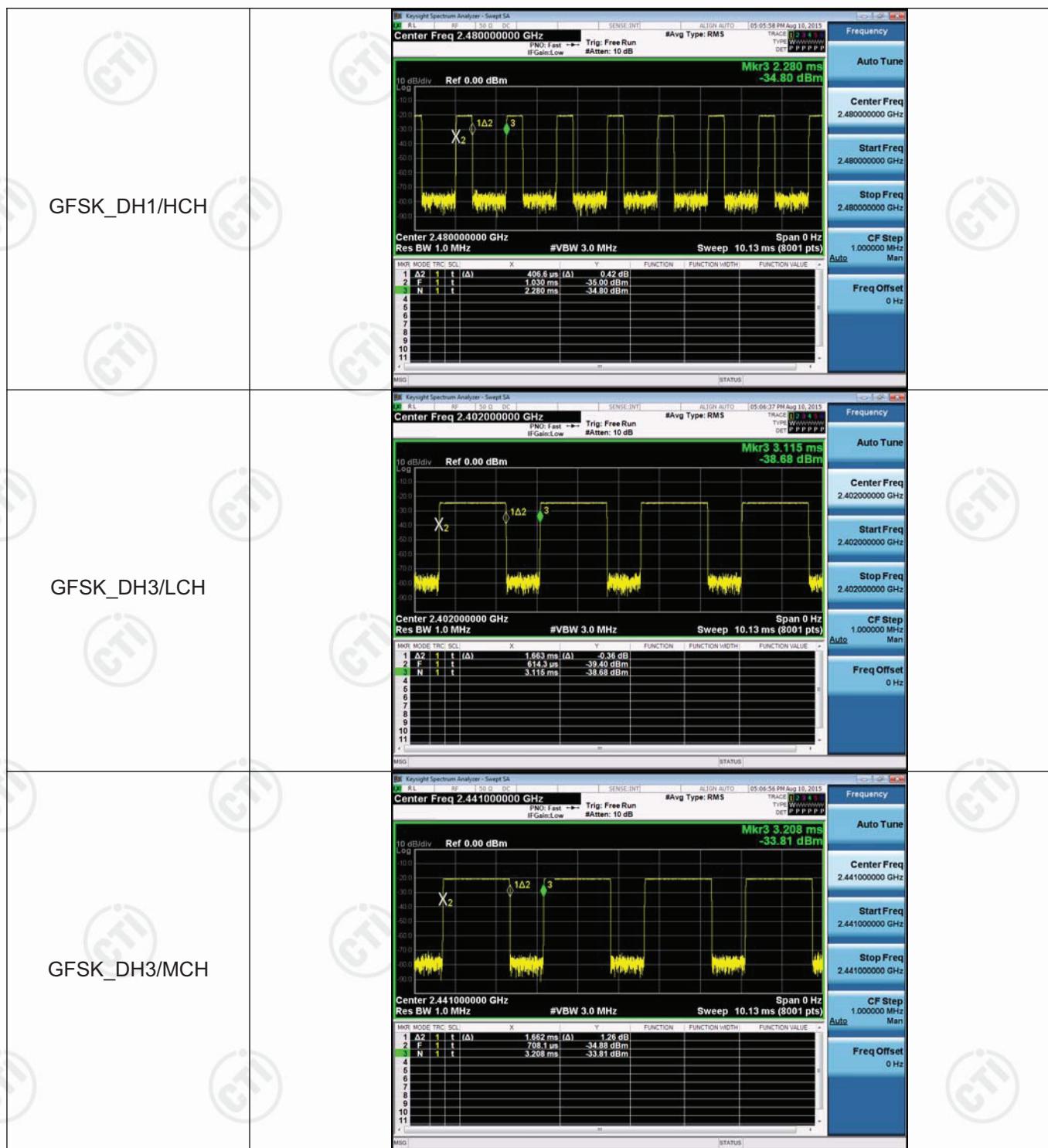
Appendix C) Dwell Time Result Table

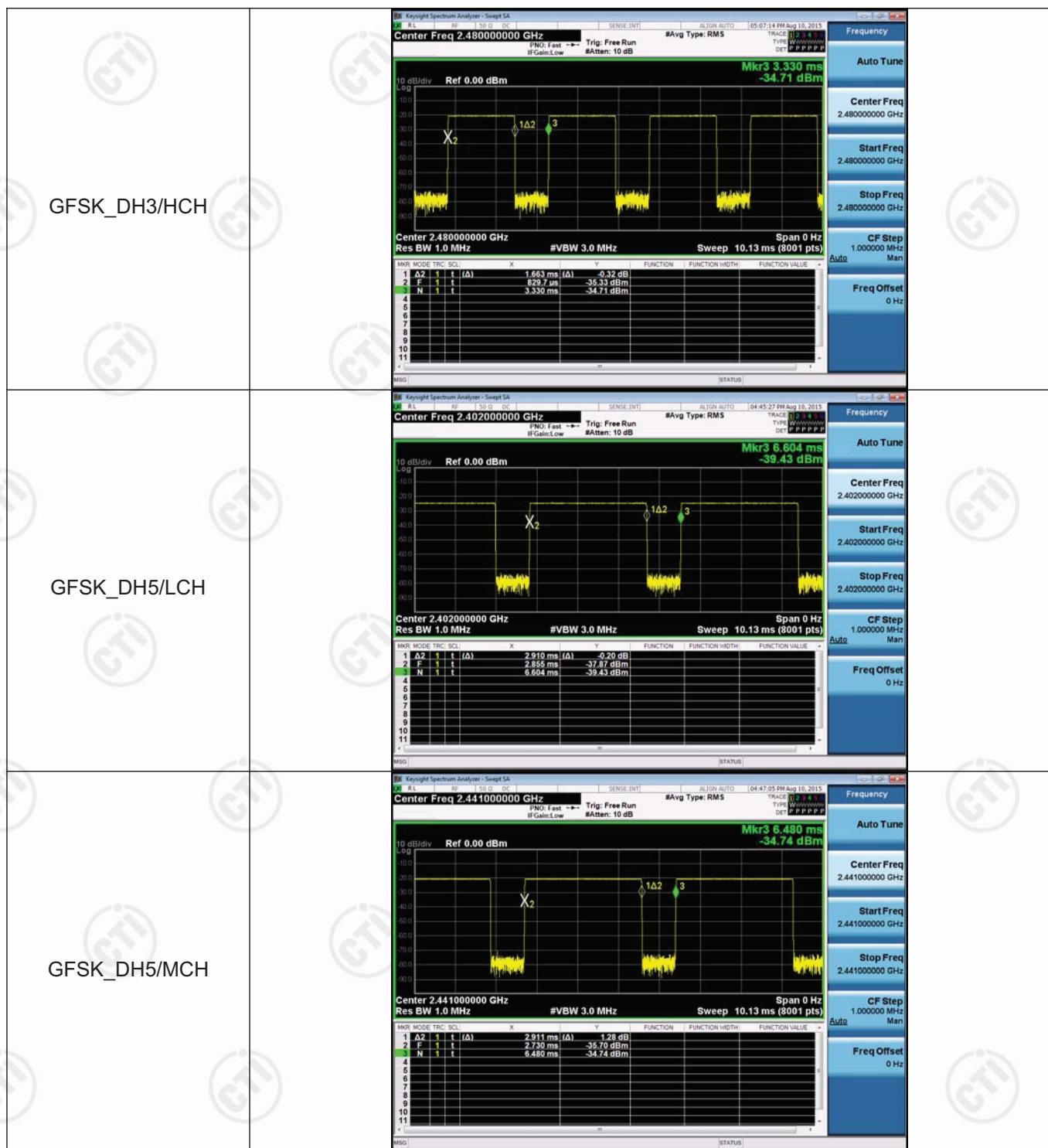
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Verdict
GFSK	DH1	LCH	0.407	320	0.13	PASS
GFSK	DH1	MCH	0.407	320	0.13	PASS
GFSK	DH1	HCH	0.407	320	0.13	PASS
GFSK	DH3	LCH	1.663	160	0.266	PASS
GFSK	DH3	MCH	1.662	160	0.266	PASS
GFSK	DH3	HCH	1.663	160	0.266	PASS
GFSK	DH5	LCH	2.91	106.7	0.31	PASS
GFSK	DH5	MCH	2.911	106.7	0.311	PASS
GFSK	DH5	HCH	2.911	106.7	0.311	PASS

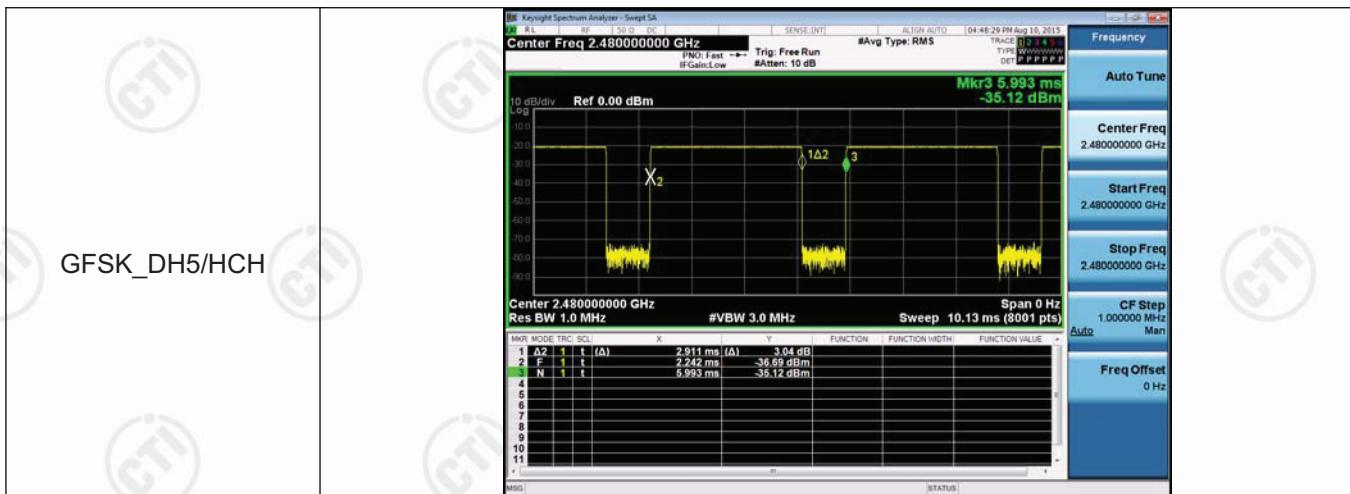
Remark : Only worse case GFSK is reported.

Test Graph





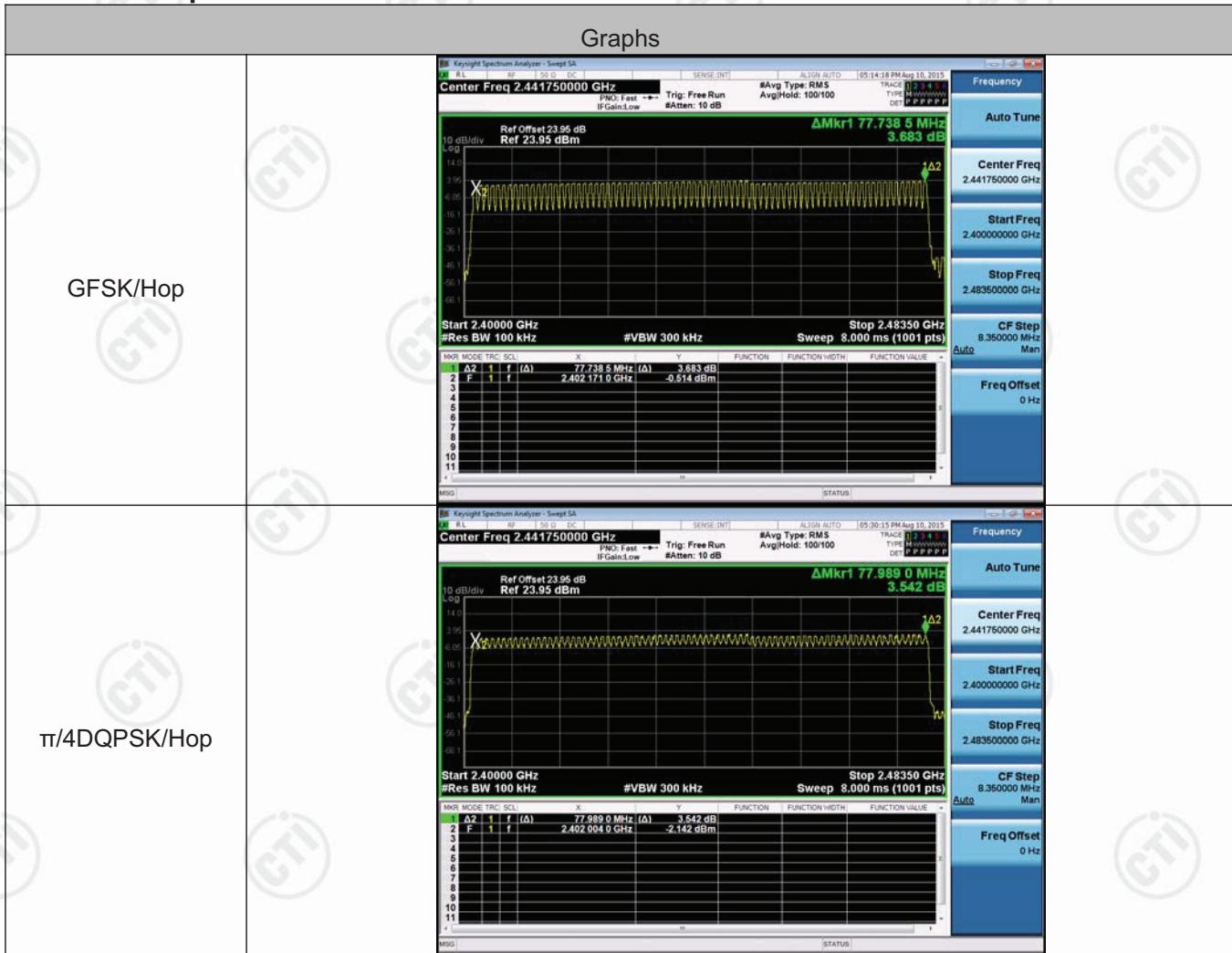


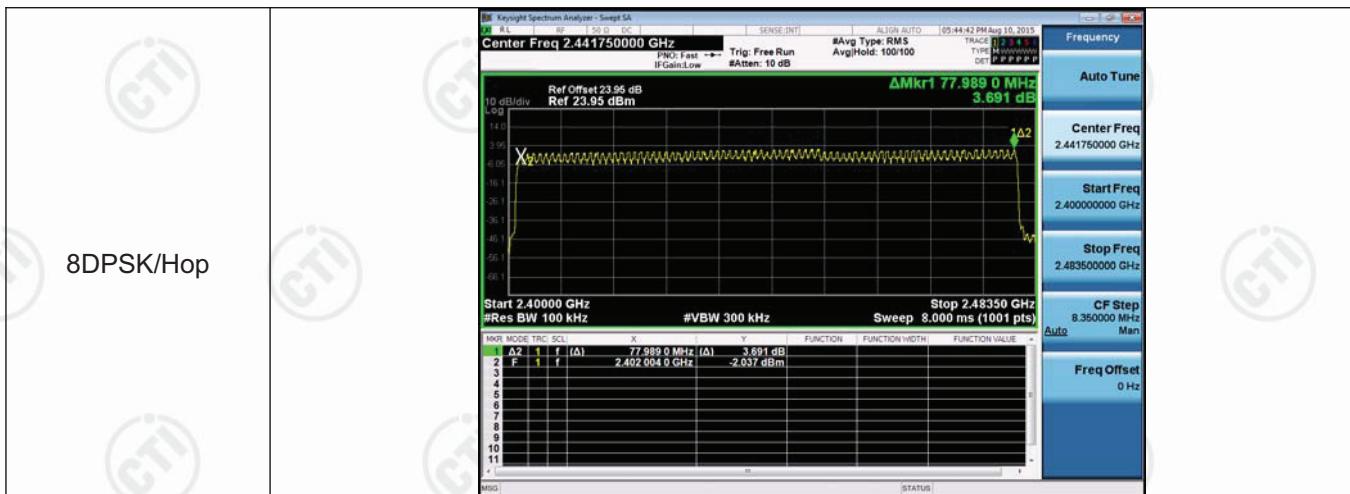


Appendix D) Hopping Channel Number Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Hop	79	PASS
$\pi/4$ DQPSK	Hop	79	PASS
8DPSK	Hop	79	PASS

Test Graph

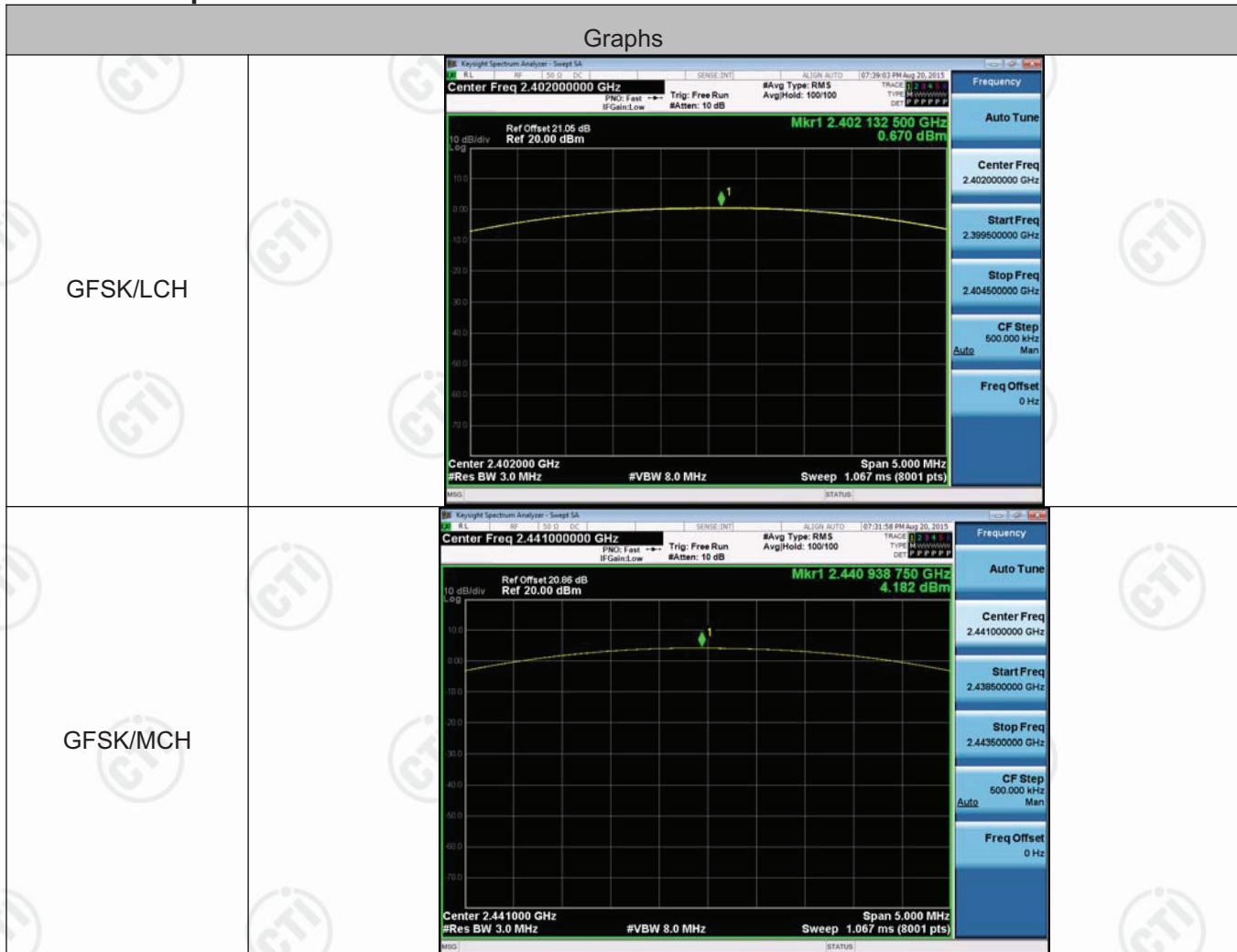




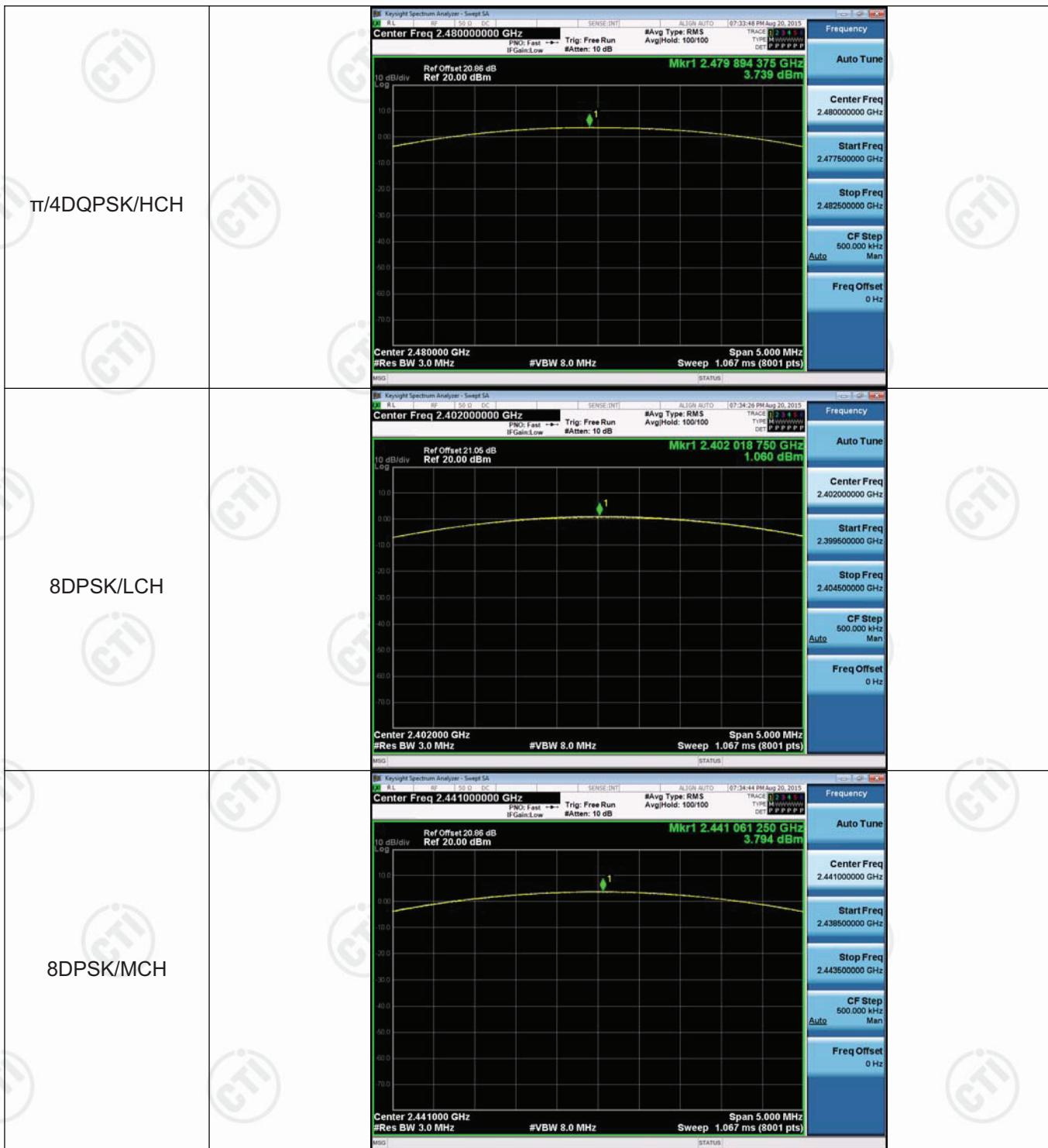
Appendix E) Conducted Peak Output Power Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	0.670	PASS
GFSK	MCH	4.182	PASS
GFSK	HCH	4.339	PASS
$\pi/4$ DQPSK	LCH	0.610	PASS
$\pi/4$ DQPSK	MCH	3.552	PASS
$\pi/4$ DQPSK	HCH	3.739	PASS
8DPSK	LCH	1.060	PASS
8DPSK	MCH	3.794	PASS
8DPSK	HCH	3.936	PASS

Test Graph



GFSK/HCH	 <p>KeySight Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.480000000 GHz</p> <p>Ref Offset 20.86 dB</p> <p>Ref 20.00 dBm</p> <p>Span 5.000 MHz</p> <p>#Res BW 3.0 MHz</p> <p>#VBW 8.0 MHz</p> <p>Sweep 1.067 ms (8001 pts)</p> <p>Mkrt 2.479 896 875 GHz 4.339 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.480000000 GHz</p> <p>Start Freq 2.477500000 GHz</p> <p>Stop Freq 2.482500000 GHz</p> <p>CF Step 500.000 kHz Man</p> <p>Freq Offset 0 Hz</p>
π/4DQPSK/LCH	 <p>KeySight Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.402000000 GHz</p> <p>Ref Offset 21.05 dB</p> <p>Ref 20.00 dBm</p> <p>Span 5.000 MHz</p> <p>#Res BW 3.0 MHz</p> <p>#VBW 8.0 MHz</p> <p>Sweep 1.067 ms (8001 pts)</p> <p>Mkrt 2.402 186 875 GHz 0.610 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.402000000 GHz</p> <p>Start Freq 2.399500000 GHz</p> <p>Stop Freq 2.404500000 GHz</p> <p>CF Step 500.000 kHz Man</p> <p>Freq Offset 0 Hz</p>
π/4DQPSK/MCH	 <p>KeySight Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.441000000 GHz</p> <p>Ref Offset 20.86 dB</p> <p>Ref 20.00 dBm</p> <p>Span 5.000 MHz</p> <p>#Res BW 3.0 MHz</p> <p>#VBW 8.0 MHz</p> <p>Sweep 1.067 ms (8001 pts)</p> <p>Mkrt 2.440 968 750 GHz 3.552 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.441000000 GHz</p> <p>Start Freq 2.438500000 GHz</p> <p>Stop Freq 2.443500000 GHz</p> <p>CF Step 500.000 kHz Man</p> <p>Freq Offset 0 Hz</p>





Appendix F) Band-edge for RF Conducted Emissions

Test Graph

