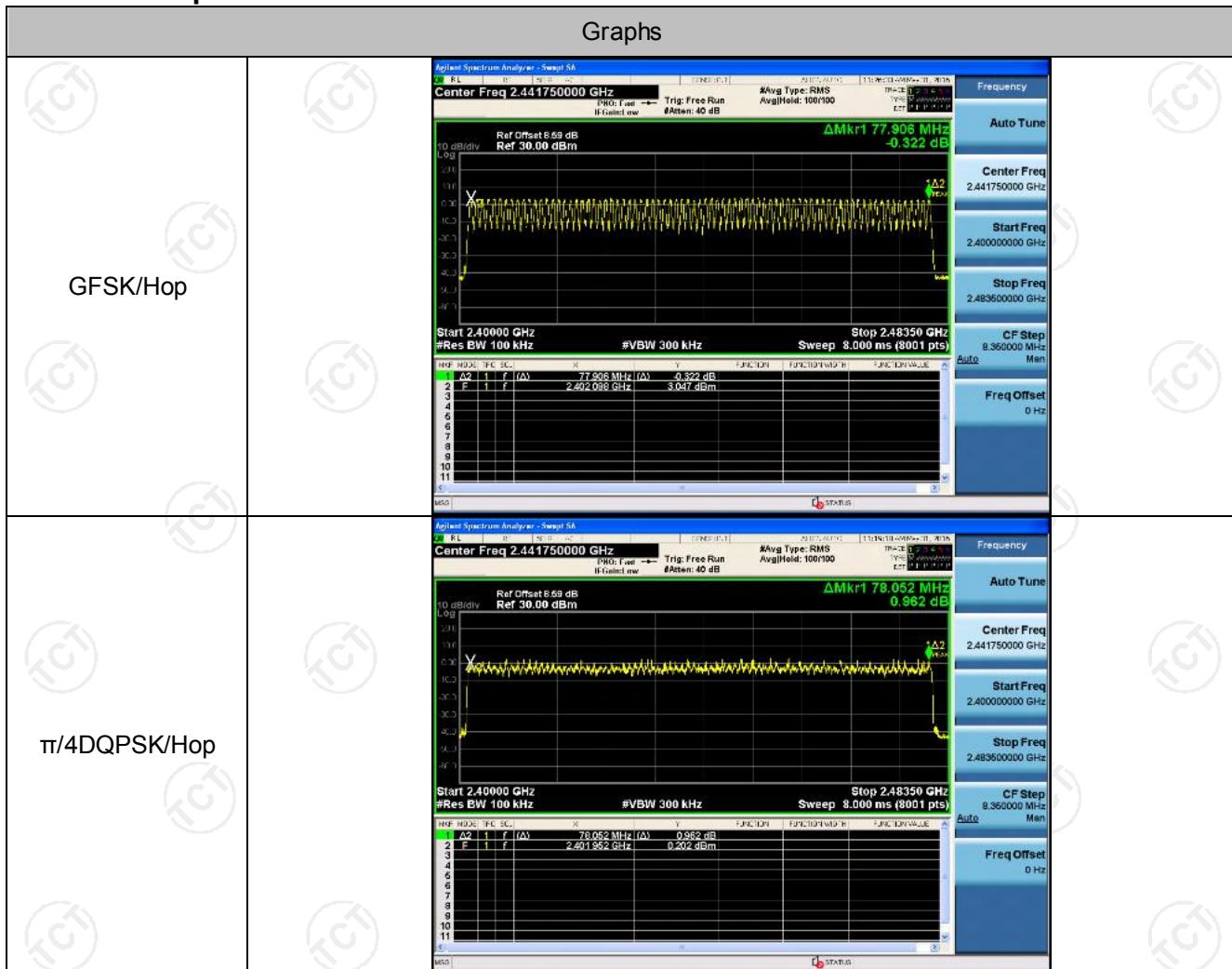


Hopping Channel Number

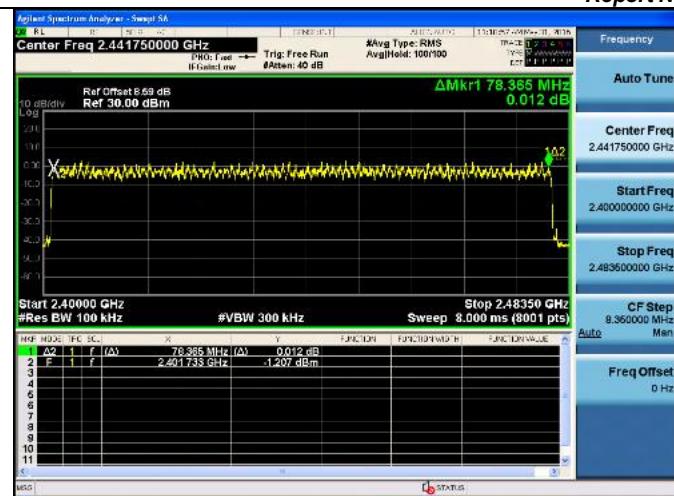
Result Table

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

Test Graph



8DPSK/Hop

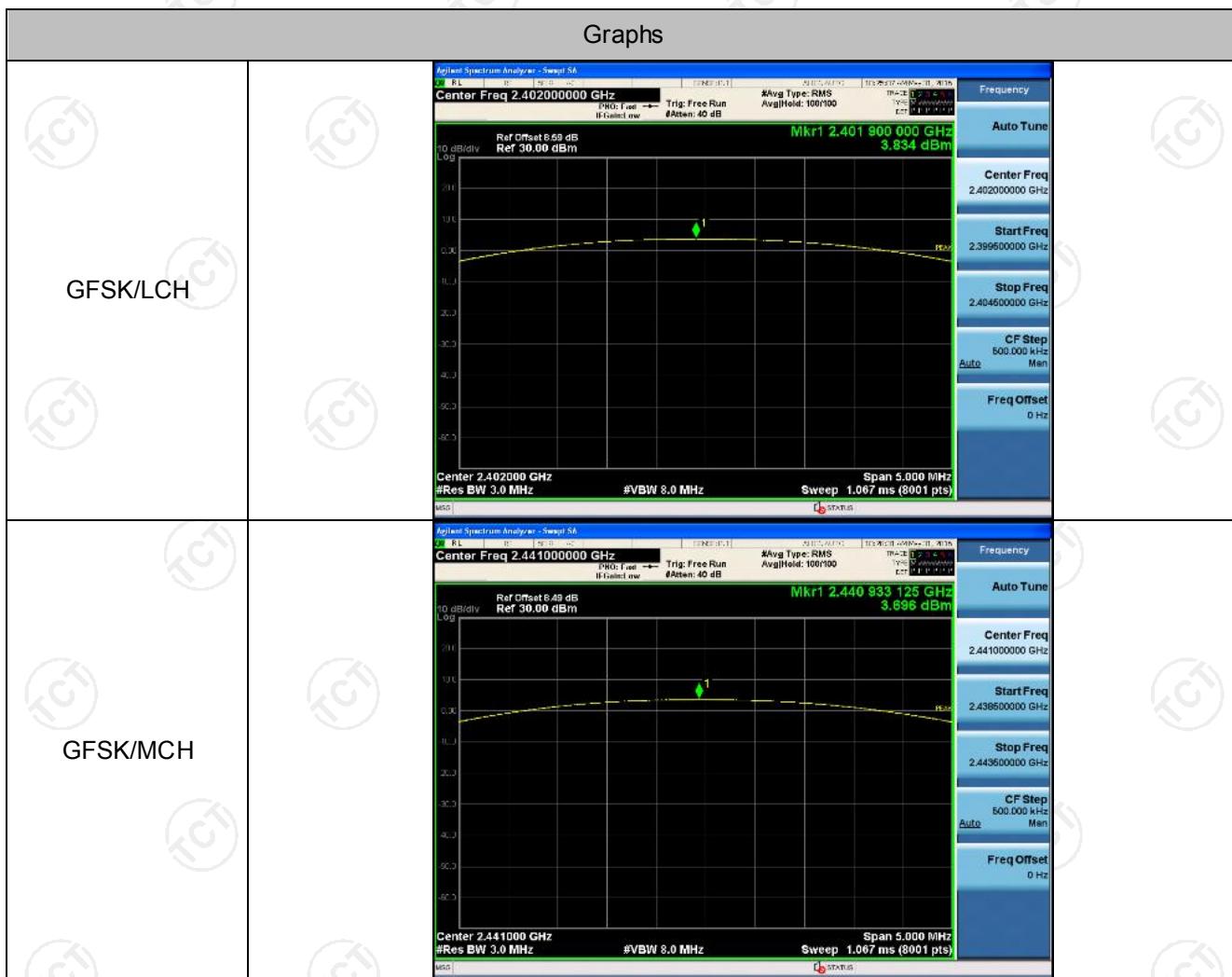


Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	3.834	PASS
GFSK	MCH	3.696	PASS
GFSK	HCH	3.036	PASS
$\pi/4$ DQPSK	LCH	3.562	PASS
$\pi/4$ DQPSK	MCH	3.458	PASS
$\pi/4$ DQPSK	HCH	2.823	PASS
8DPSK	LCH	3.753	PASS
8DPSK	MCH	3.639	PASS
8DPSK	HCH	2.963	PASS

Test Graph



GFSK/HCH	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.48000000 GHz PBO: Free Run Trig: Free Run #Avg Type: RMS AvgHold: 100/100 Ref Offset 8.49 dB Ref 30.00 dBm Mkr1 2.479 853 750 GHz 3.036 dBm 10 dB/div Log Center 2.480000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 5.000 MHz 1.067 ms (8001 pts) Mkr1 2.479 853 750 GHz 3.036 dBm</p>
$\pi/4$ DQPSK/LCH	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.40200000 GHz PBO: Free Run Trig: Free Run #Avg Type: RMS AvgHold: 100/100 Ref Offset 8.59 dB Ref 30.00 dBm Mkr1 2.401 721 250 GHz 3.562 dBm 10 dB/div Log Center 2.402000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 5.000 MHz 1.067 ms (8001 pts) Mkr1 2.401 721 250 GHz 3.562 dBm</p>
$\pi/4$ DQPSK/MCH	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.44100000 GHz PBO: Free Run Trig: Free Run #Avg Type: RMS AvgHold: 100/100 Ref Offset 8.49 dB Ref 30.00 dBm Mkr1 2.440 779 375 GHz 3.458 dBm 10 dB/div Log Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 5.000 MHz 1.067 ms (8001 pts) Mkr1 2.440 779 375 GHz 3.458 dBm</p>

π/4DQPSK/HCH	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.48000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm 10 dB/div Log Center 2.480000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 1.067 ms (8001 pts) Mkr1 2.480 023 125 GHz 2.823 dBm</p>
8DPSK/LCH	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.40200000 GHz Ref Offset 8.49 dB Ref 30.00 dBm 10 dB/div Log Center 2.402000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 1.067 ms (8001 pts) Mkr1 2.402 158 750 GHz 3.783 dBm</p>
8DPSK/MCH	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.44100000 GHz Ref Offset 8.49 dB Ref 30.00 dBm 10 dB/div Log Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 5.000 MHz Span 1.067 ms (8001 pts) Mkr1 2.440 936 250 GHz 3.639 dBm</p>

8DPSK/HCH

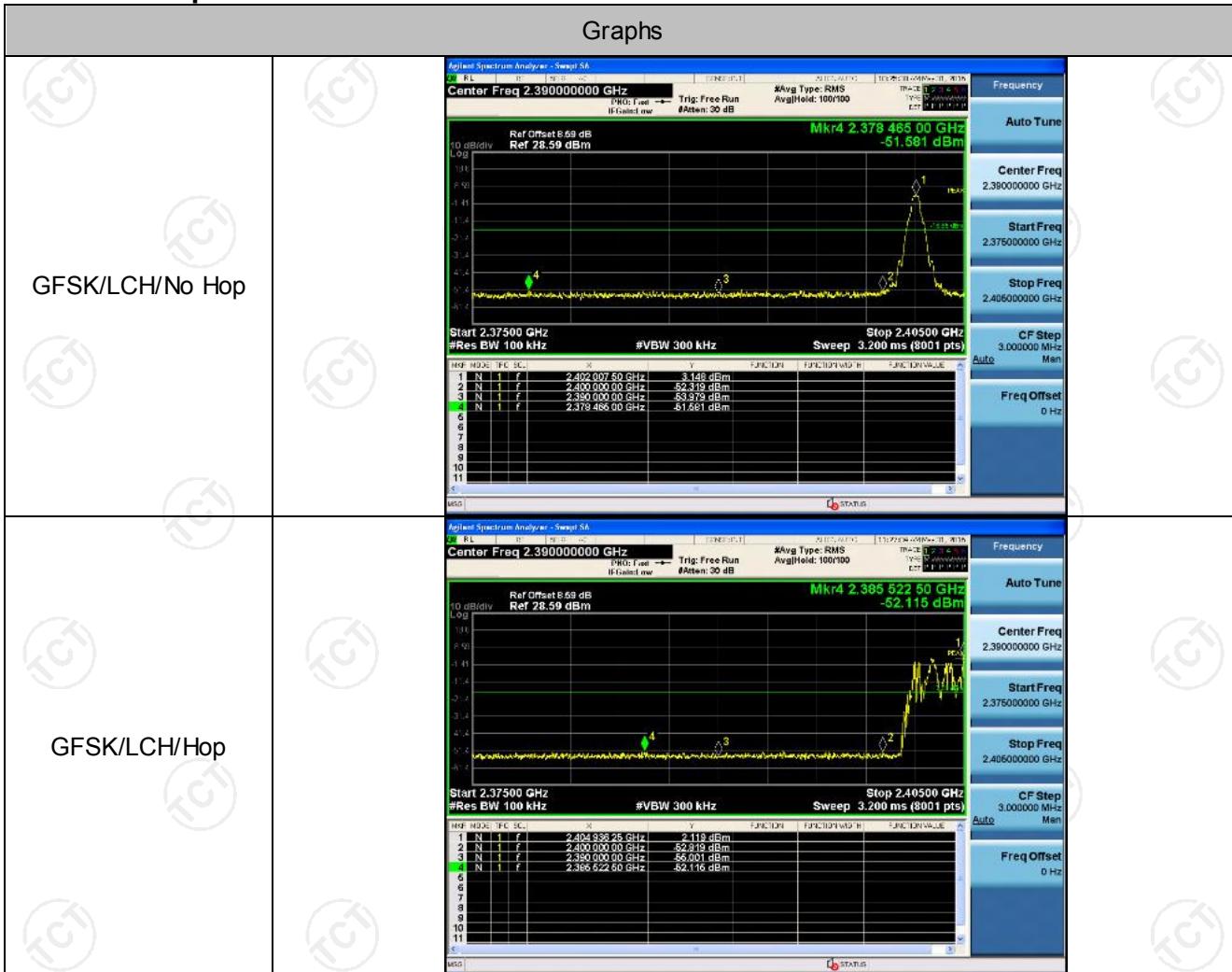


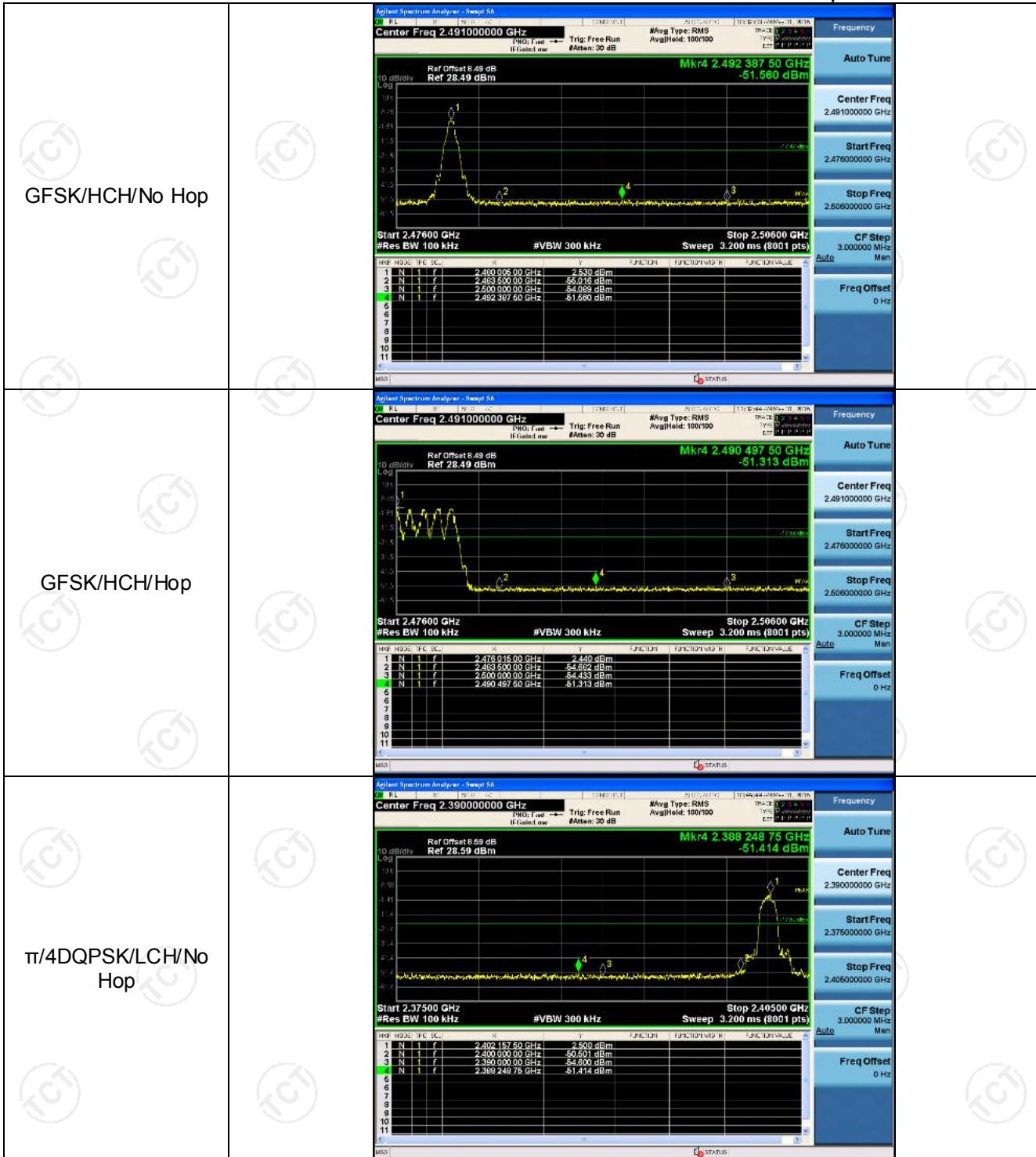
Band-edge for RF Conducted Emissions

Result Table

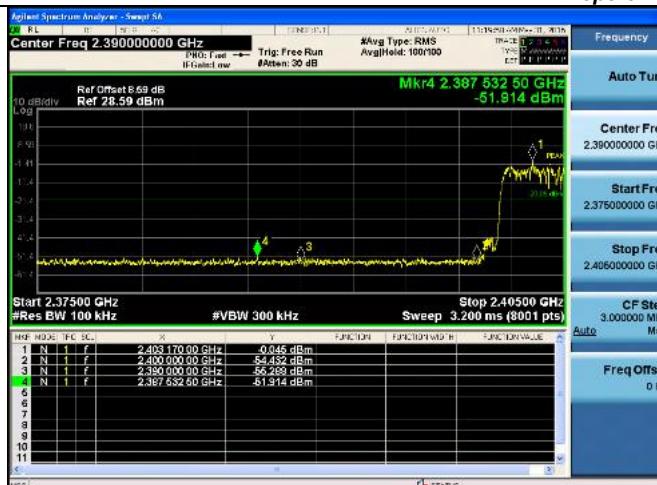
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.148	Off	-51.581	-16.85	PASS
			2.119	On	-52.115	-17.88	PASS
GFSK	HCH	2480	2.530	Off	-51.560	-17.47	PASS
			2.440	On	-51.313	-17.56	PASS
$\pi/4$ DQPSK	LCH	2402	2.500	Off	-51.414	-17.50	PASS
			-0.045	On	-51.914	-20.05	PASS
$\pi/4$ DQPSK	HCH	2480	0.799	Off	-51.353	-19.20	PASS
			-0.243	On	-51.452	-20.24	PASS
8DPSK	LCH	2402	2.374	Off	-51.987	-17.63	PASS
			0.840	On	-50.665	-19.16	PASS
8DPSK	HCH	2480	1.291	Off	-50.973	-18.71	PASS
			-1.774	On	-50.692	-21.77	PASS

Test Graph

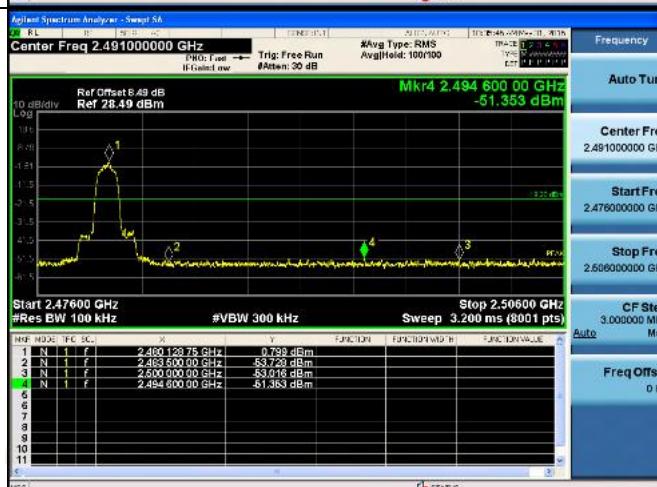




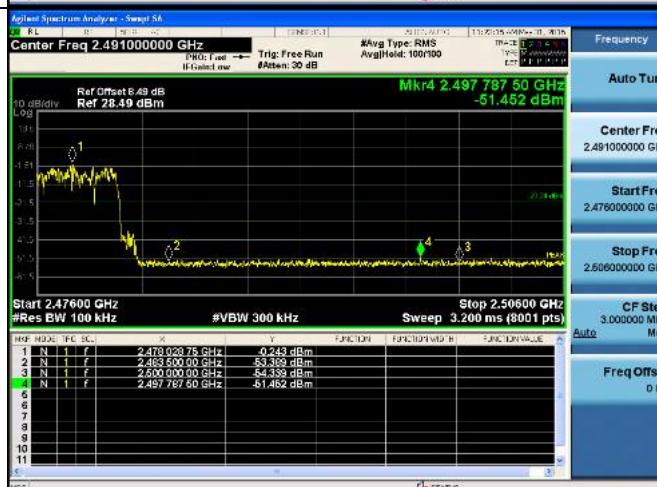
π/4DQPSK/LCH/Hop

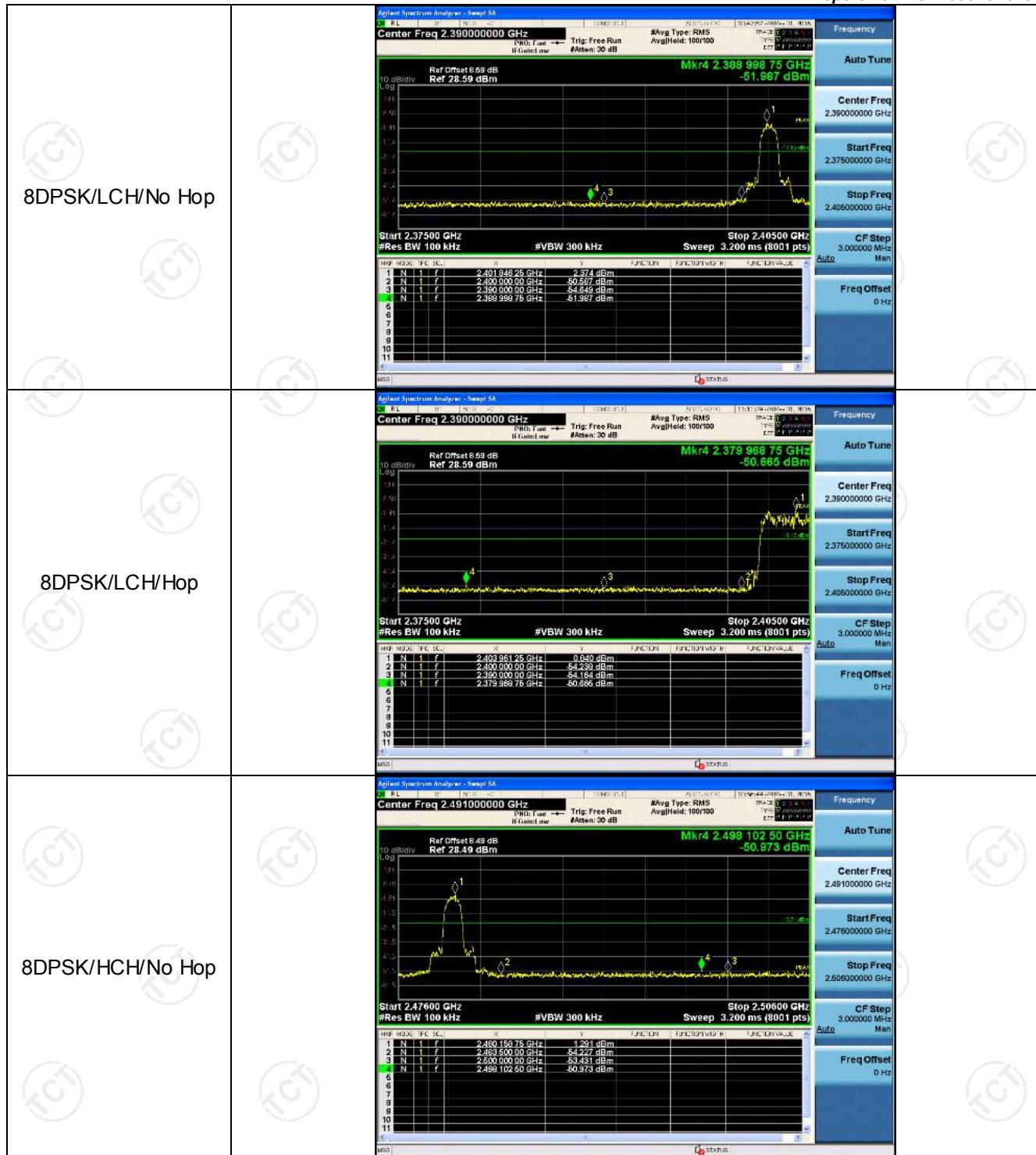


π/4DQPSK/HCH/No Hop

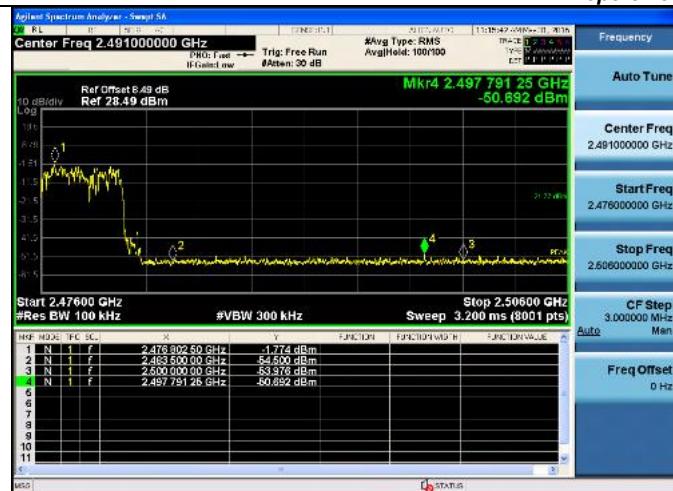


π/4DQPSK/HCH/Hop





8DPSK/HCH/Hop



RF Conducted Spurious Emissions

Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	3.261	<Limit	PASS
GFSK	MCH	3.341	<Limit	PASS
GFSK	HCH	2.282	<Limit	PASS
$\pi/4$ DQPSK	LCH	1.921	<Limit	PASS
$\pi/4$ DQPSK	MCH	1.831	<Limit	PASS
$\pi/4$ DQPSK	HCH	1.812	<Limit	PASS
8DPSK	LCH	2.042	<Limit	PASS
8DPSK	MCH	2.239	<Limit	PASS
8DPSK	HCH	1.626	<Limit	PASS

Test Graph

