

Appendix A

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

Product Name: Retro

Trade Mark: Monster

Test Model: MNRETRO-DW

Environmental Conditions

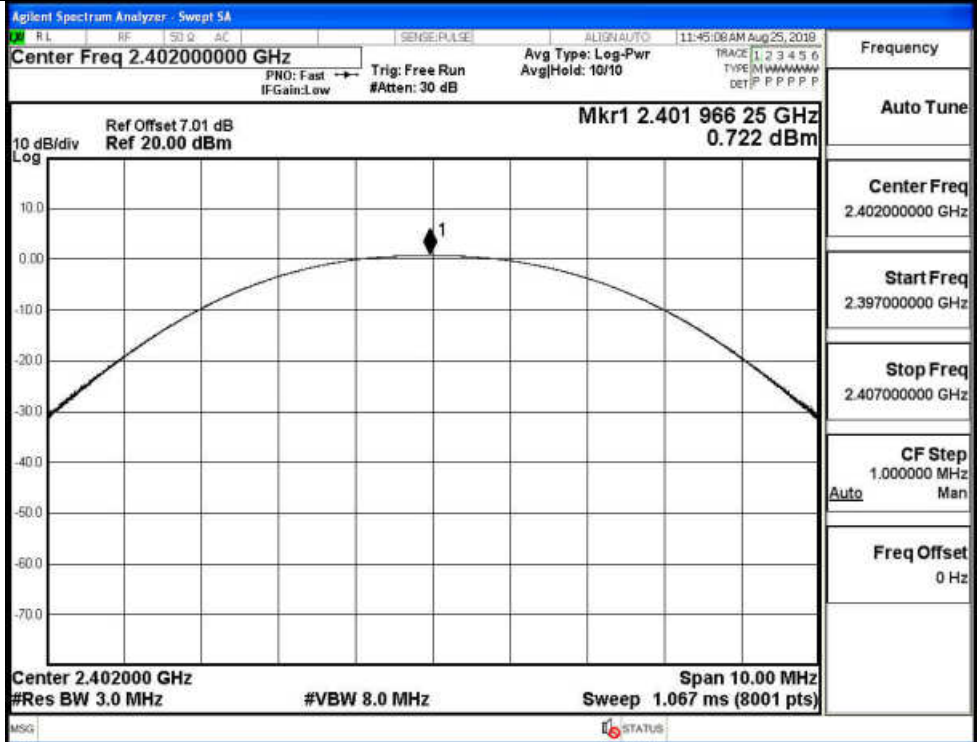
Temperature:	24.1 °C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Jayden.Zhuo

A.1 Maxmum Conducted Peak Output Power

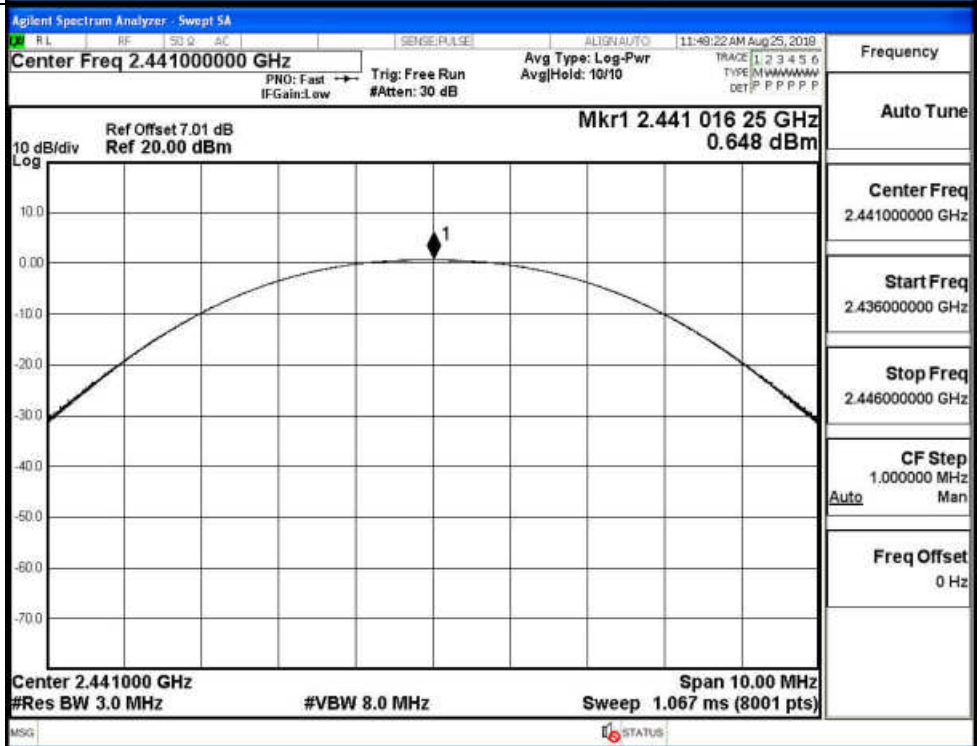
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.722	21	PASS
	MCH	0.648	21	PASS
	HCH	0.491	21	PASS
π/4DQPSK	LCH	0.520	21	PASS
	MCH	0.450	21	PASS
	HCH	0.282	21	PASS
8DPSK	LCH	0.708	21	PASS
	MCH	0.650	21	PASS
	HCH	0.485	21	PASS

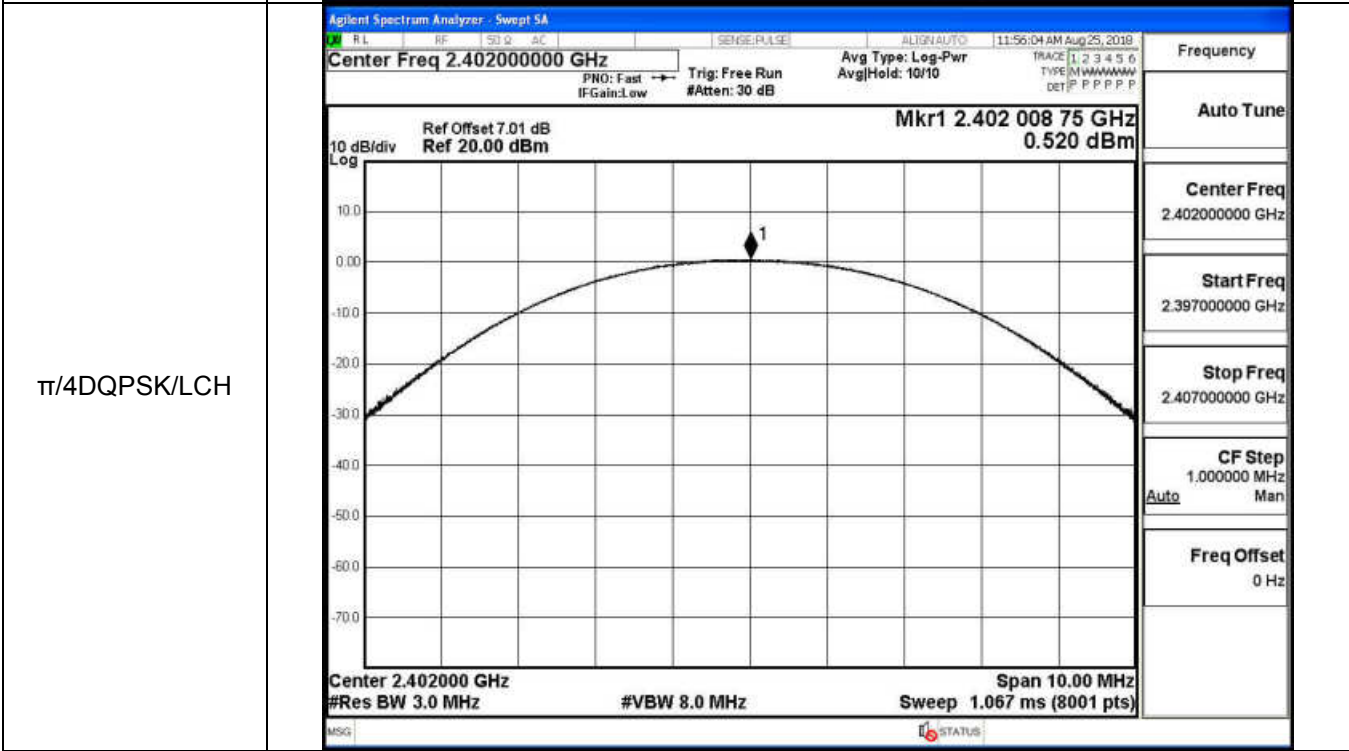
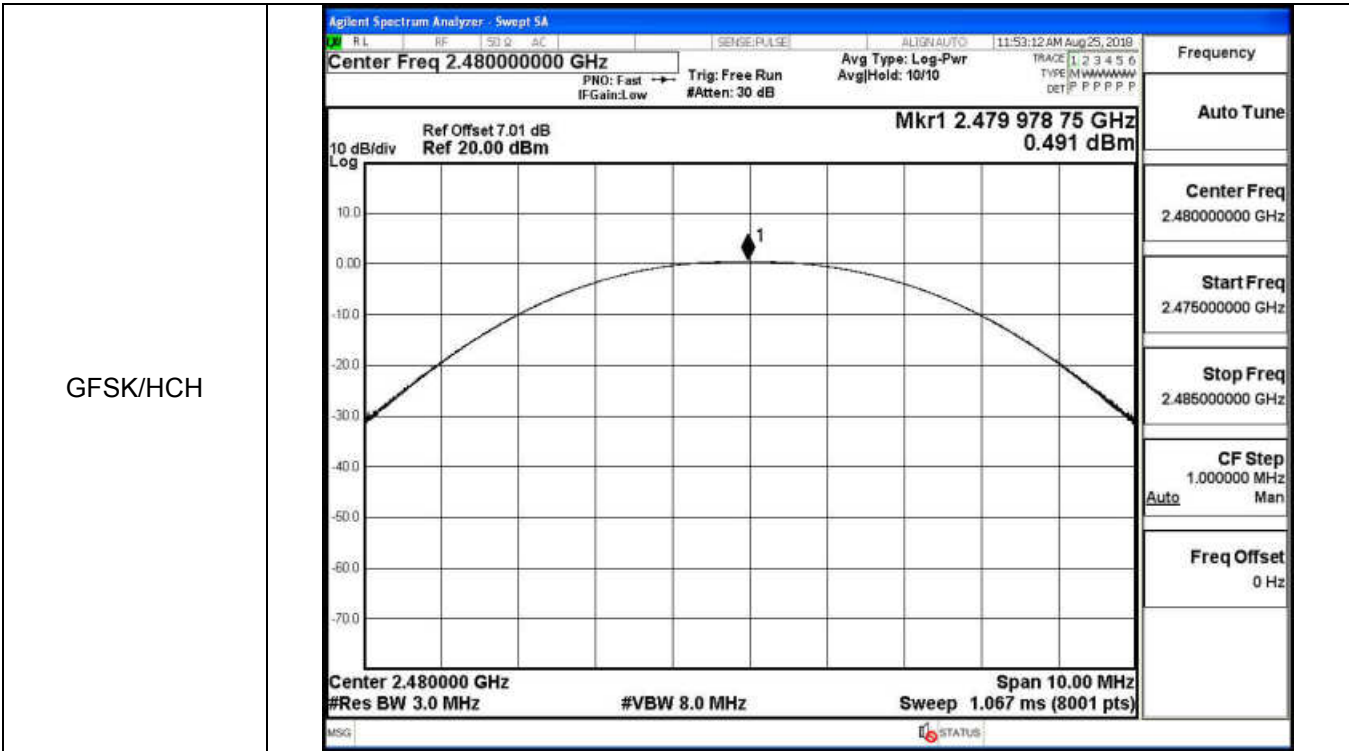
Test Graphs

GFSK/LCH



GFSK/MCH

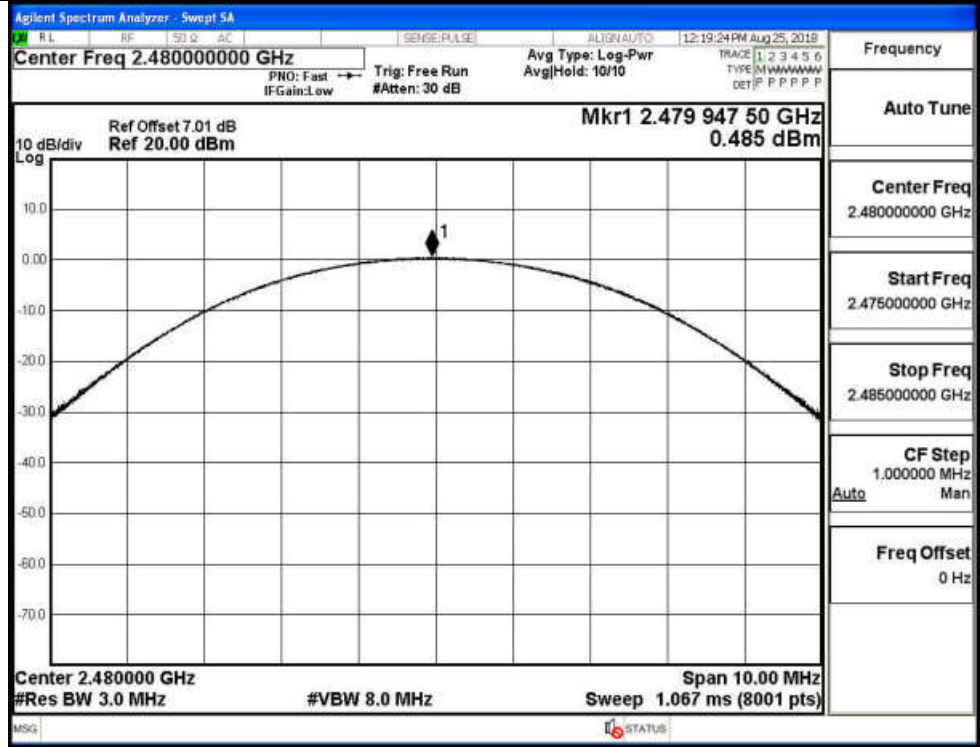




<p>π/4DQPSK/MCH</p>	<p>Agilent Spectrum Analyzer: Swept SA</p> <p>Center Freq 2.44100000 GHz</p> <p>Mkr1 2.441 017 50 GHz 0.450 dBm</p> <p>10 dB/div Log</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Center 2.441000 GHz #Res BW 3.0 MHz</p> <p>#VBW 8.0 MHz</p> <p>Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p> <p>Frequency Auto Tune Center Freq 2.441000000 GHz Start Freq 2.436000000 GHz Stop Freq 2.446000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz</p>
<p>π/4DQPSK/HCH</p>	<p>Agilent Spectrum Analyzer: Swept SA</p> <p>Center Freq 2.48000000 GHz</p> <p>Mkr1 2.480 237 50 GHz 0.282 dBm</p> <p>10 dB/div Log</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Center 2.480000 GHz #Res BW 3.0 MHz</p> <p>#VBW 8.0 MHz</p> <p>Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p> <p>Frequency Auto Tune Center Freq 2.480000000 GHz Start Freq 2.475000000 GHz Stop Freq 2.485000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz</p>

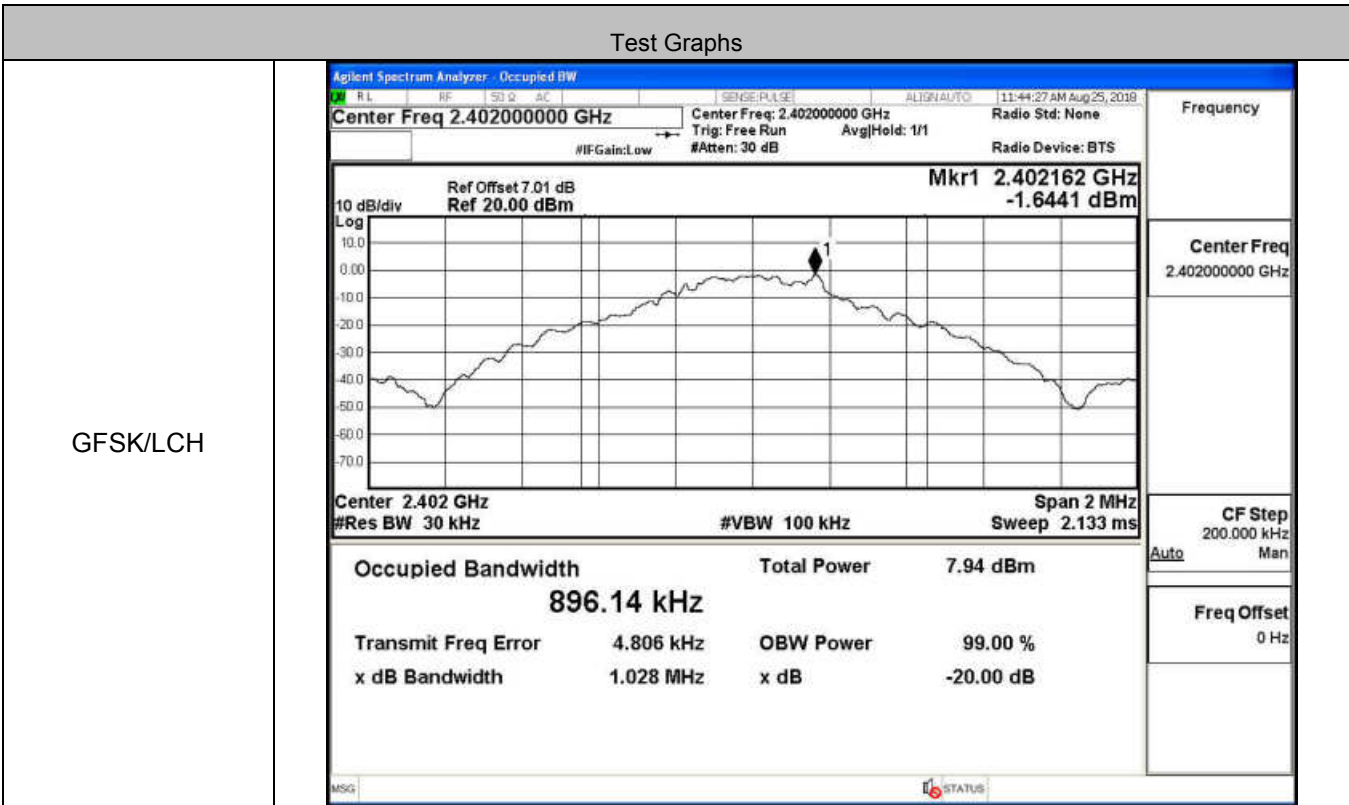
<p>8DPSK/LCH</p>	
<p>8DPSK/MCH</p>	

8DPSK/HCH



A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.028	Not Specified	PASS
	MCH	1.036	Not Specified	PASS
	HCH	1.026	Not Specified	PASS
π/4DQPSK	LCH	1.288	Not Specified	PASS
	MCH	1.286	Not Specified	PASS
	HCH	1.286	Not Specified	PASS
8DPSK	LCH	1.286	Not Specified	PASS
	MCH	1.289	Not Specified	PASS
	HCH	1.287	Not Specified	PASS



<p>GFSK/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.441000000 GHz</p> <p>Center Freq: 2.441000000 GHz Trig: Free Run AvgHold: 1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>10 dB/div Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.441016 GHz -2.0121 dBm</p> <p>Center 2.441 GHz #Res BW 30 kHz</p> <p>#VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 892.68 kHz Total Power 7.92 dBm</p> <p>Transmit Freq Error 4.135 kHz OBW Power 99.00 % x dB Bandwidth 1.036 MHz x dB -20.00 dB</p> <p>Frequency 2.441000000 GHz</p> <p>CF Step 200.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>GFSK/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.480000000 GHz</p> <p>Center Freq: 2.480000000 GHz Trig: Free Run AvgHold: 1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>10 dB/div Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.480162 GHz -1.9278 dBm</p> <p>Center 2.48 GHz #Res BW 30 kHz</p> <p>#VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 888.31 kHz Total Power 7.84 dBm</p> <p>Transmit Freq Error 3.880 kHz OBW Power 99.00 % x dB Bandwidth 1.026 MHz x dB -20.00 dB</p> <p>Frequency 2.480000000 GHz</p> <p>CF Step 200.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>

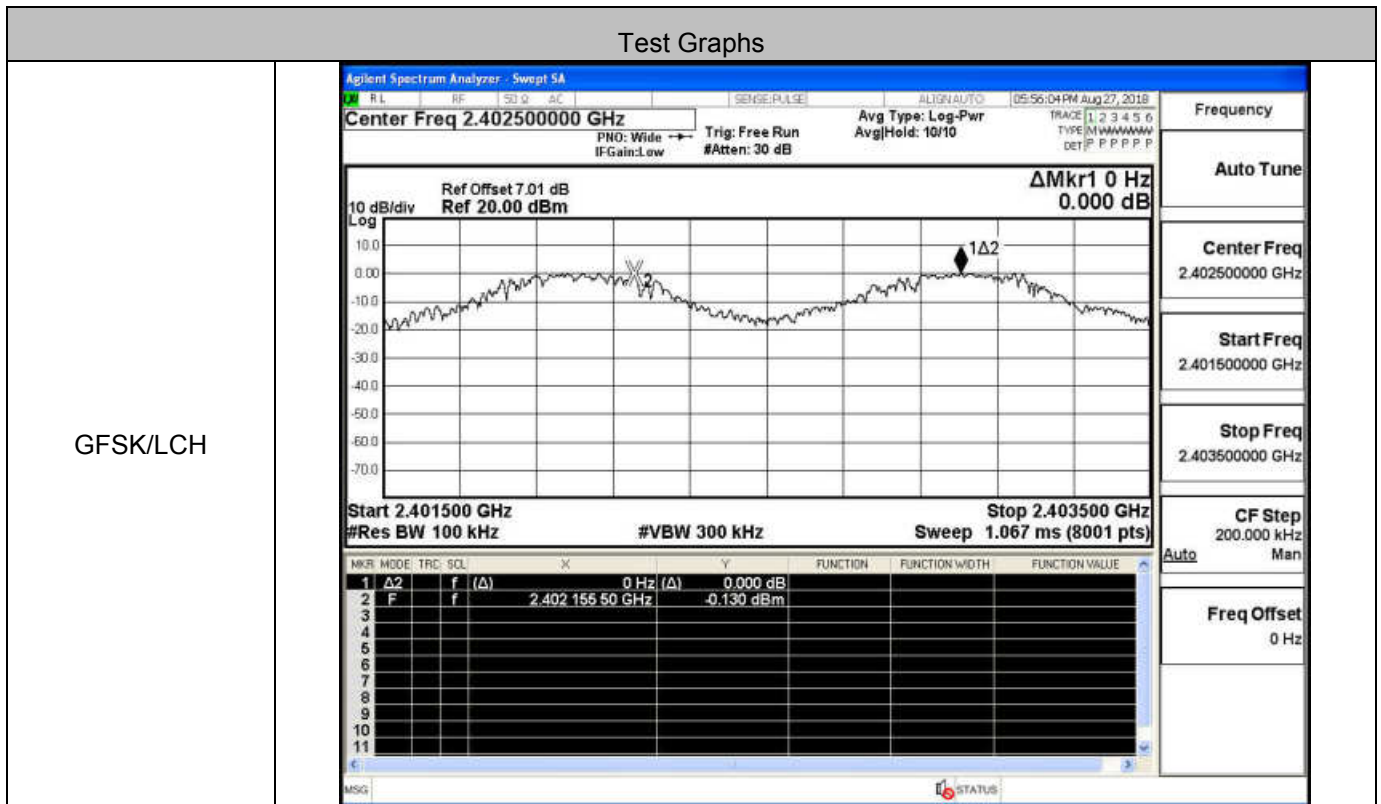
<p>$\pi/4$DQPSK/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.40200000 GHz</p> <p>Center Freq: 2.40200000 GHz Trig: Free Run AvgHold: 1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>10 dB/div Log Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.402164 GHz -3.3025 dBm</p> <p>Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1672 MHz Total Power 6.67 dBm</p> <p>Transmit Freq Error -595 Hz OBW Power 99.00 % x dB Bandwidth 1.288 MHz x dB -20.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.40200000 GHz</p> <p>CF Step 200.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>$\pi/4$DQPSK/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.44100000 GHz</p> <p>Center Freq: 2.44100000 GHz Trig: Free Run AvgHold: 1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>10 dB/div Log Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.441162 GHz -3.3848 dBm</p> <p>Center 2.441 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1665 MHz Total Power 6.58 dBm</p> <p>Transmit Freq Error -311 Hz OBW Power 99.00 % x dB Bandwidth 1.286 MHz x dB -20.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.44100000 GHz</p> <p>CF Step 200.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p style="text-align: center;">π/4DQPSK/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.48000000 GHz</p> <p>Mkr1 2.480164 GHz -3.6164 dBm</p> <p>Center 2.48 GHz</p> <p>Occupied Bandwidth 1.1669 MHz</p> <p>Total Power 6.33 dBm</p> <p>Transmit Freq Error -359 Hz</p> <p>x dB Bandwidth 1.286 MHz</p>	<p>Frequency</p> <p>Center Freq 2.48000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>
<p style="text-align: center;">8DPSK/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.40200000 GHz</p> <p>Mkr1 2.402162 GHz -2.5810 dBm</p> <p>Center 2.402 GHz</p> <p>Occupied Bandwidth 1.1715 MHz</p> <p>Total Power 6.61 dBm</p> <p>Transmit Freq Error 2.897 kHz</p> <p>x dB Bandwidth 1.286 MHz</p>	<p>Frequency</p> <p>Center Freq 2.40200000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>

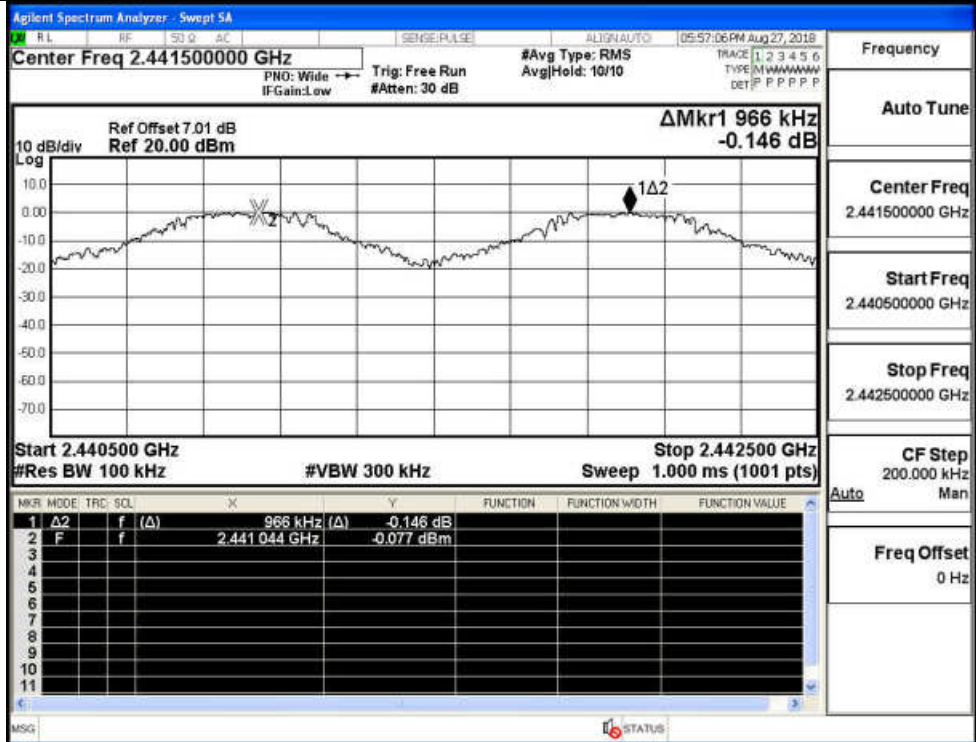
<p>8DPSK/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.441000000 GHz</p> <p>Center Freq: 2.441000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.441166 GHz -2.9386 dBm</p> <p>10 dB/div Log</p> <p>Center 2.441 GHz #Res BW 30 kHz</p> <p>#VBW 100 kHz</p> <p>Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1735 MHz</p> <p>Total Power 6.37 dBm</p> <p>Transmit Freq Error 3.133 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 1.289 MHz</p> <p>x dB -20.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.441000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>8DPSK/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.480000000 GHz</p> <p>Center Freq: 2.480000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr1 2.480158 GHz -3.0347 dBm</p> <p>10 dB/div Log</p> <p>Center 2.48 GHz #Res BW 30 kHz</p> <p>#VBW 100 kHz</p> <p>Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1713 MHz</p> <p>Total Power 6.26 dBm</p> <p>Transmit Freq Error 3.360 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 1.287 MHz</p> <p>x dB -20.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.480000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>

A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.850	0.691	PASS
	MCH	0.966	0.691	PASS
	HCH	1.116	0.691	PASS
π/4DQPSK	LCH	1.142	0.859	PASS
	MCH	1.000	0.859	PASS
	HCH	1.028	0.859	PASS
8DPSK	LCH	1.188	0.859	PASS
	MCH	1.038	0.859	PASS
	HCH	1.240	0.859	PASS

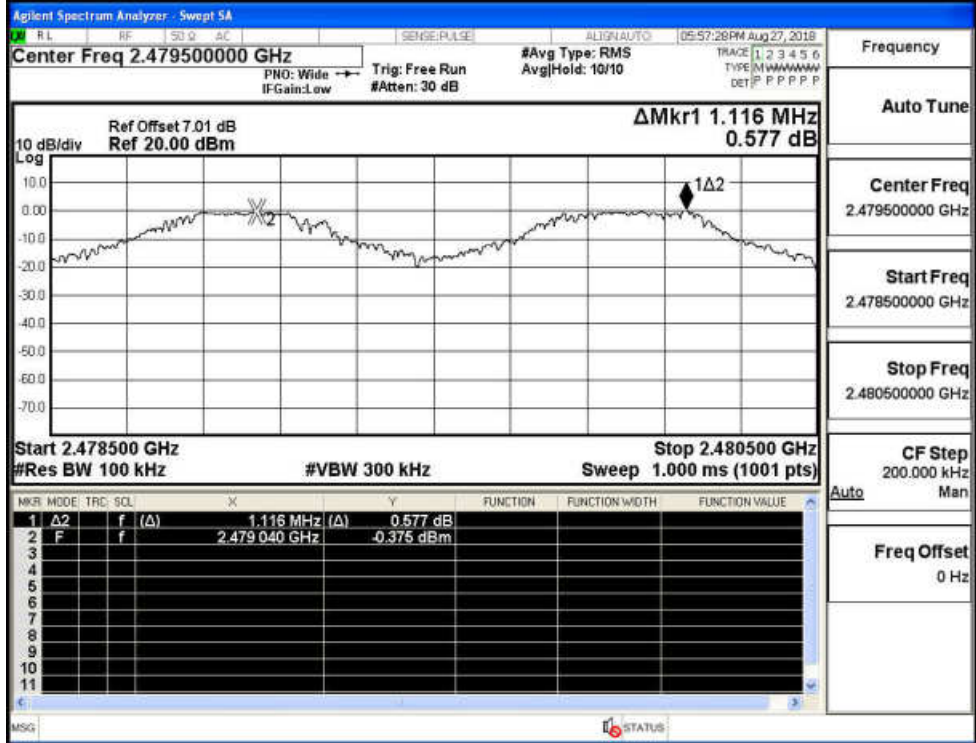


GFSK/MCH



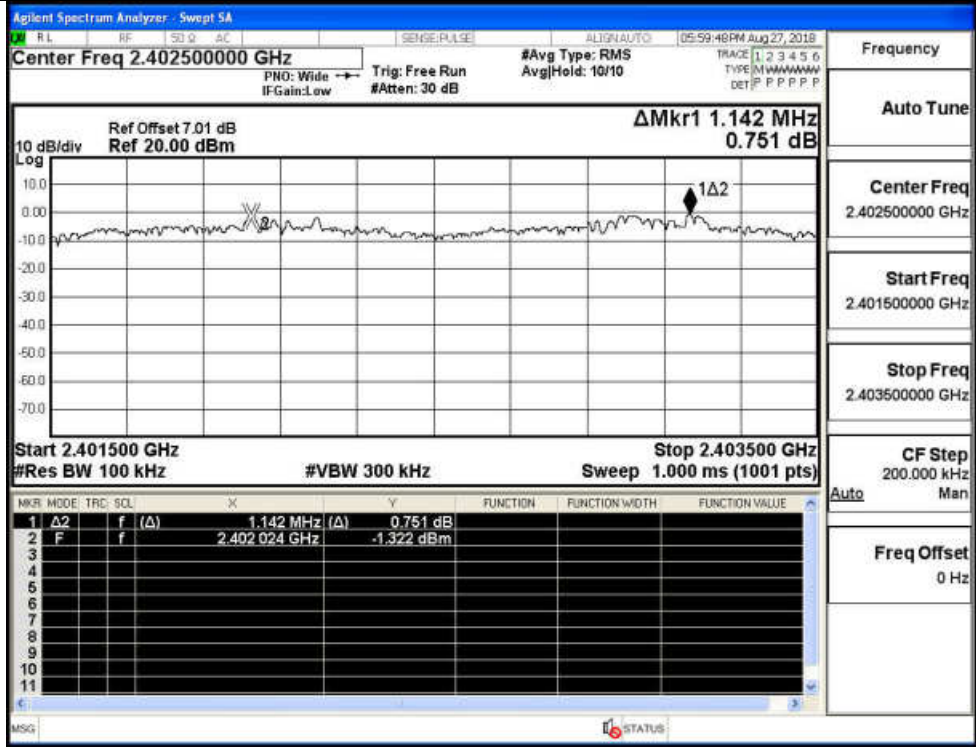
Frequency
Auto Tune
Center Freq
2.441500000 GHz
Start Freq
2.440500000 GHz
Stop Freq
2.442500000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz

GFSK/HCH



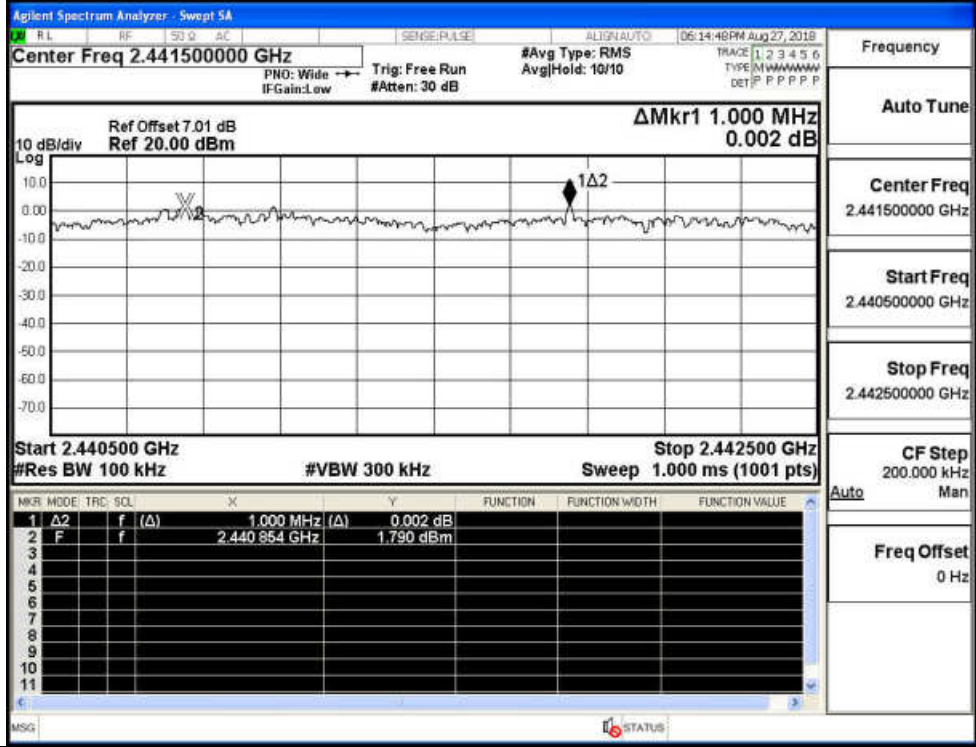
Frequency
Auto Tune
Center Freq
2.479500000 GHz
Start Freq
2.478500000 GHz
Stop Freq
2.480500000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH



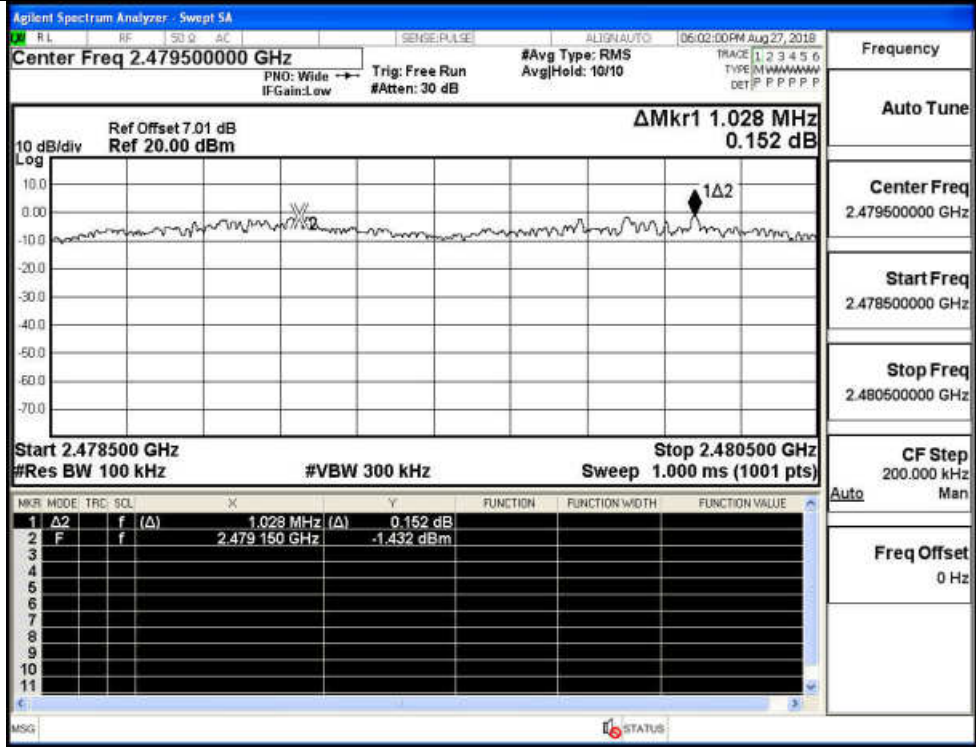
Frequency	2.402500000 GHz
Auto Tune	
Center Freq	2.402500000 GHz
Start Freq	2.401500000 GHz
Stop Freq	2.403500000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK/MCH



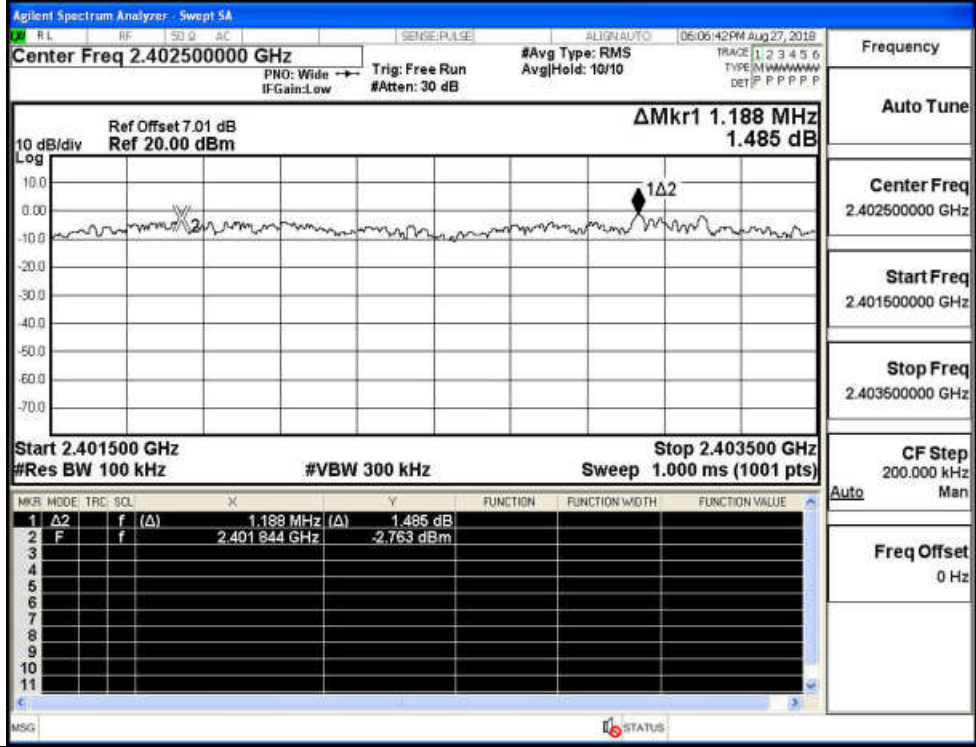
Frequency	2.441500000 GHz
Auto Tune	
Center Freq	2.441500000 GHz
Start Freq	2.440500000 GHz
Stop Freq	2.442500000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

π/4DQPSK/HCH



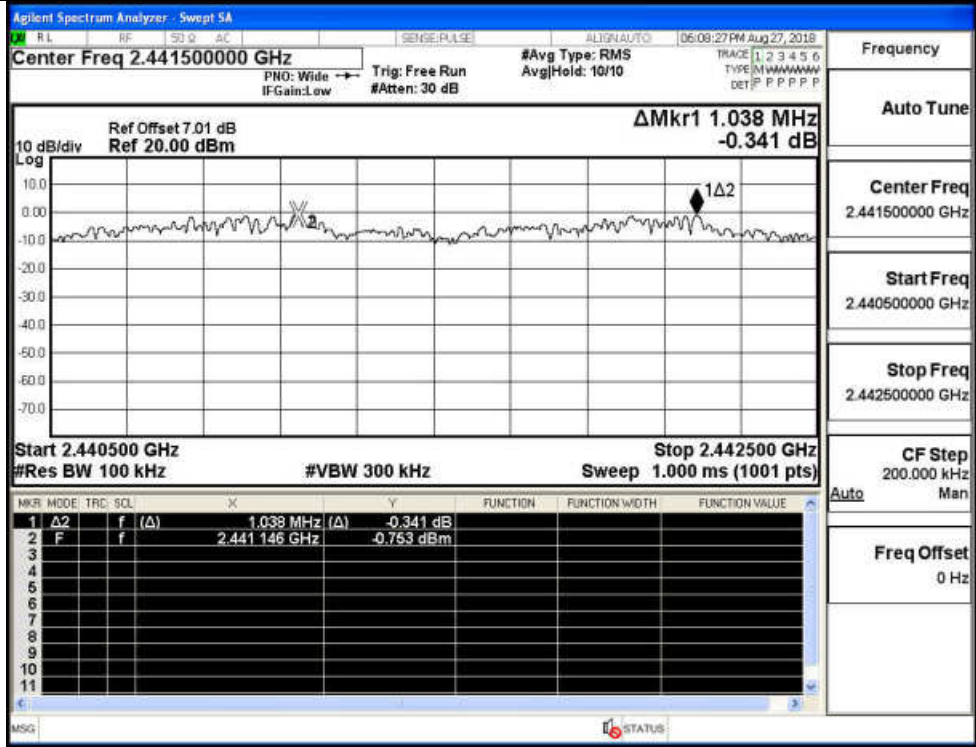
Frequency	2.479500000 GHz
Auto Tune	
Center Freq	2.479500000 GHz
Start Freq	2.478500000 GHz
Stop Freq	2.480500000 GHz
CF Step	200.000 kHz
Freq Offset	0 Hz

8DPSK/LCH

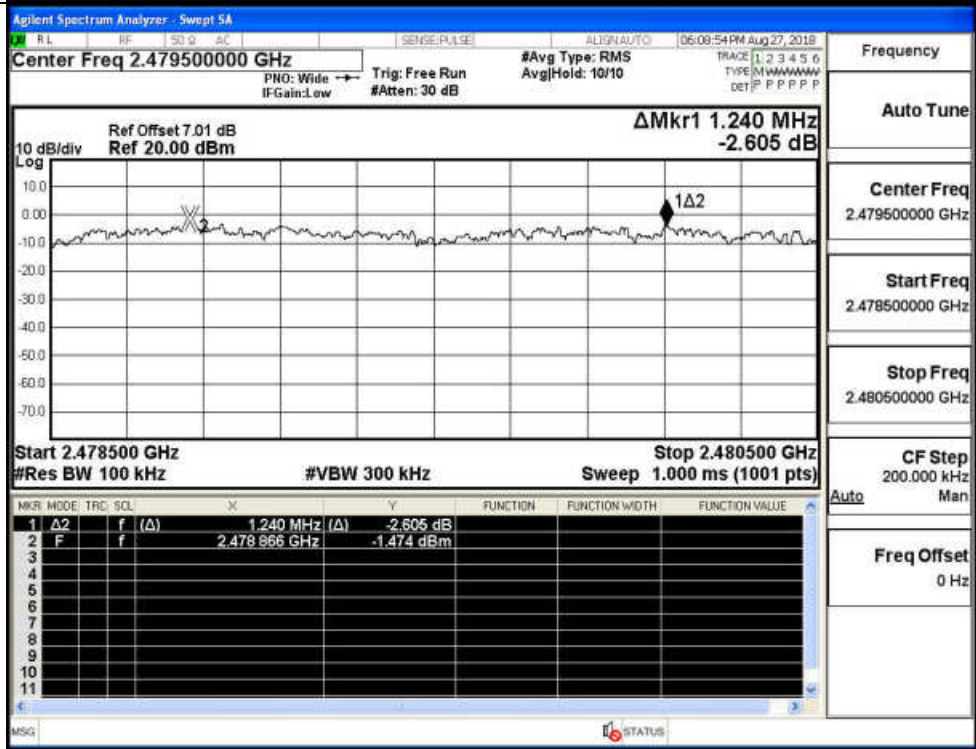


Frequency	2.402500000 GHz
Auto Tune	
Center Freq	2.402500000 GHz
Start Freq	2.401500000 GHz
Stop Freq	2.403500000 GHz
CF Step	200.000 kHz
Freq Offset	0 Hz

8DPSK/MCH



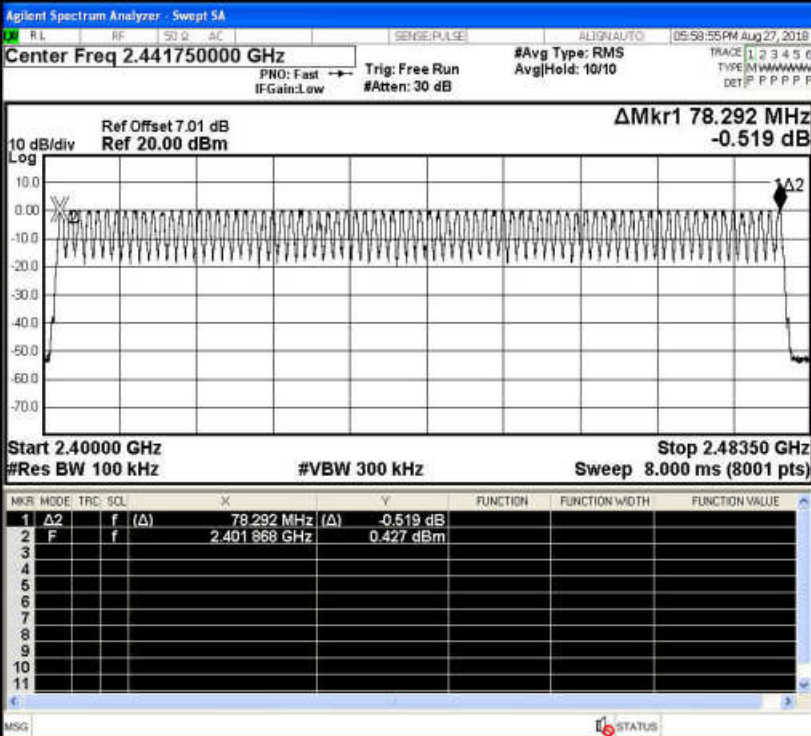
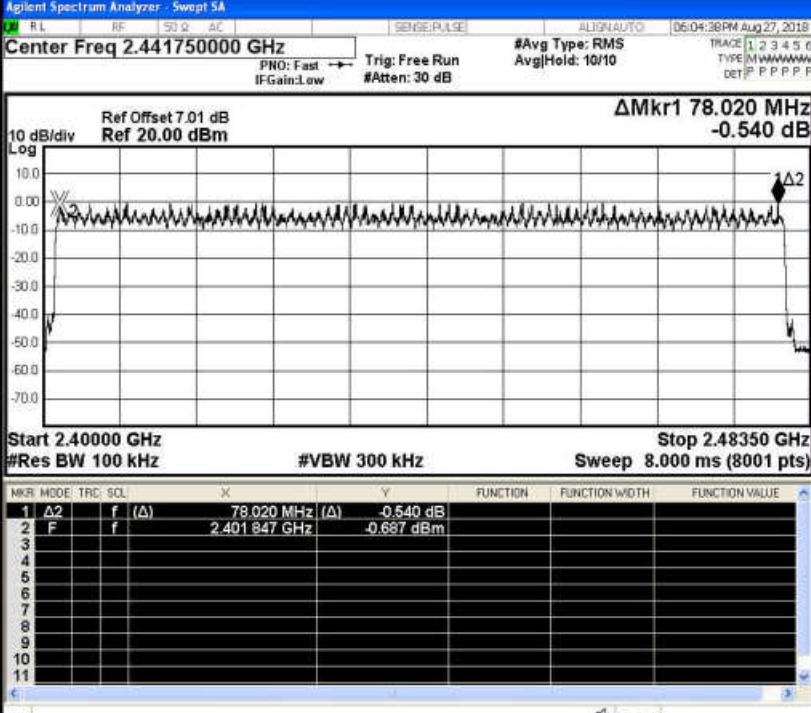
8DPSK/HCH



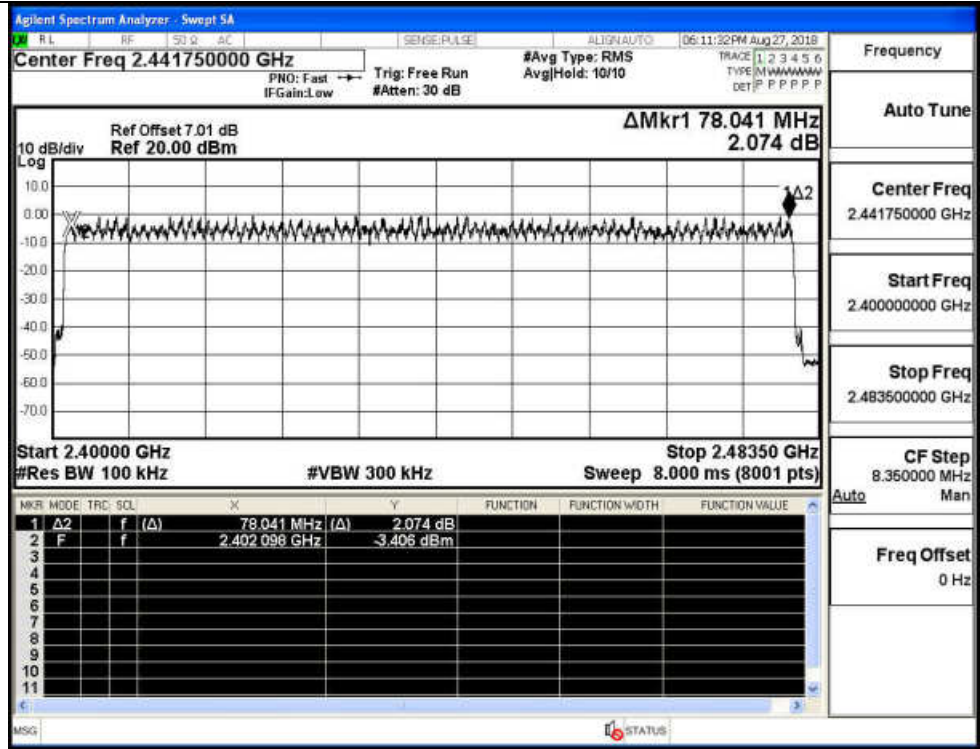
A.4 Hopping Channel Number

Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Hop	79	>=15	PASS
$\pi/4$ DQPSK	Hop	79	>=15	PASS
8DPSK	Hop	79	>=15	PASS

Test Graphs

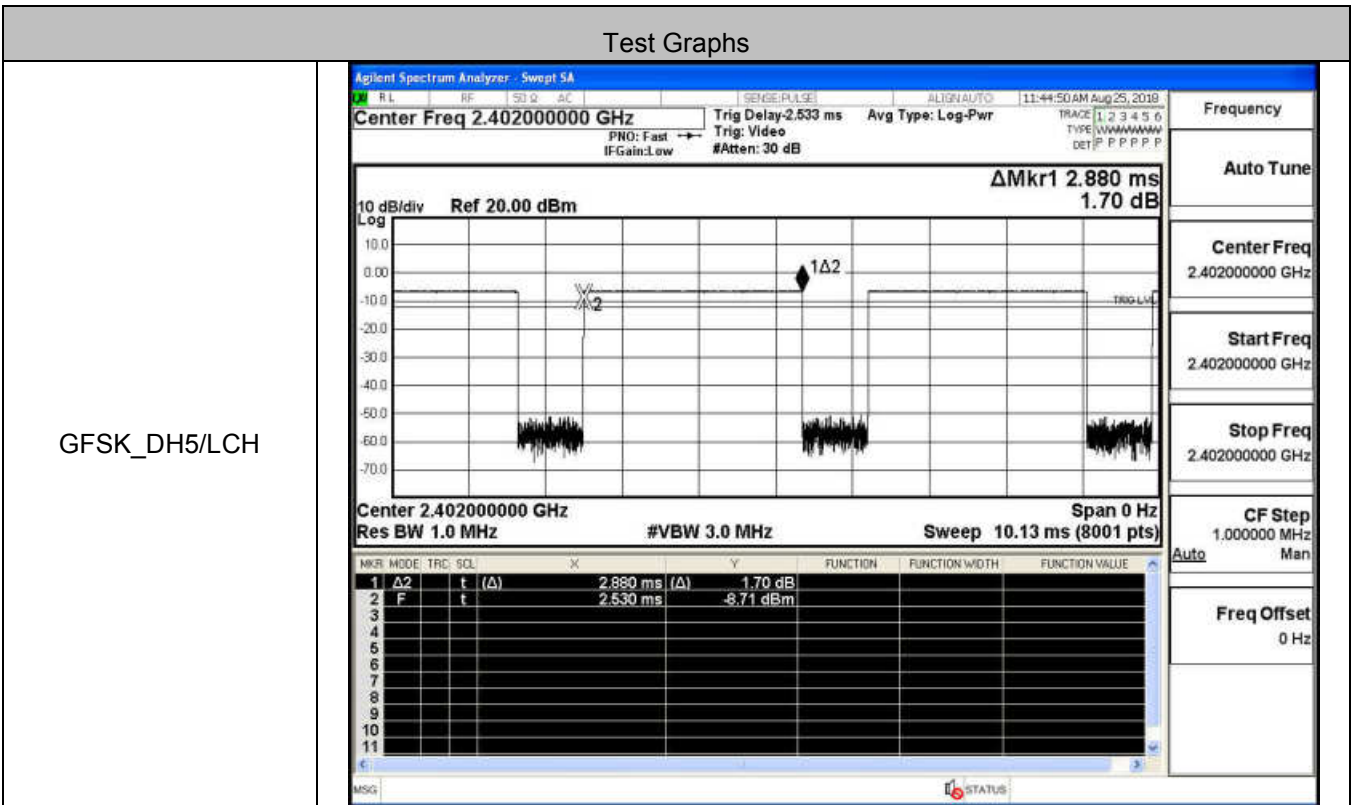
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8DPSK/Hop

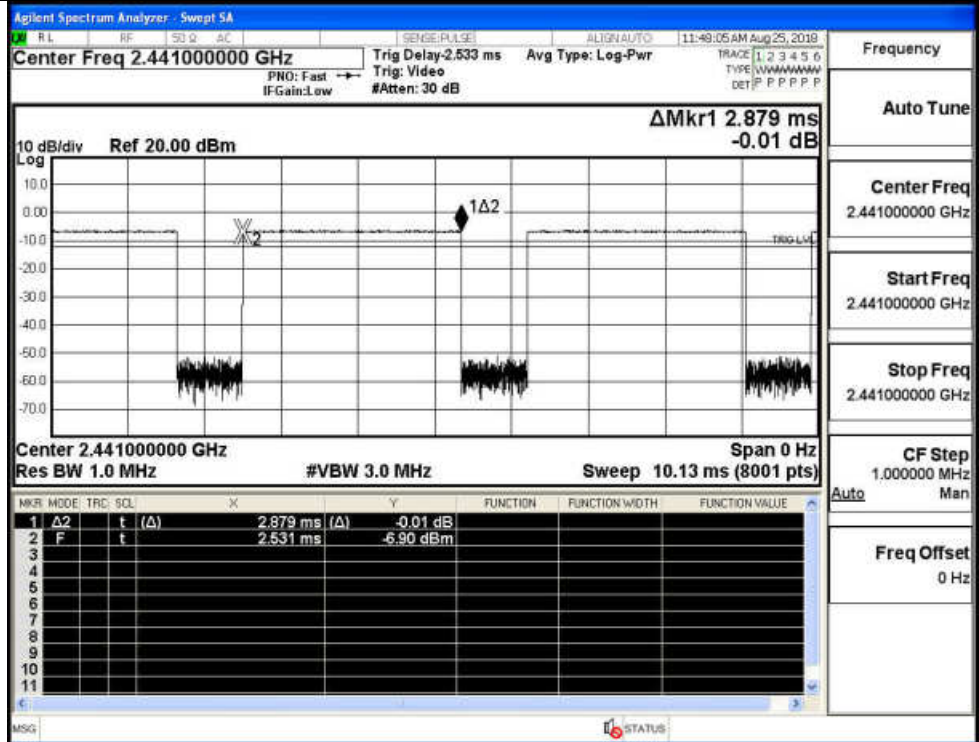


A.5 Dwell Time

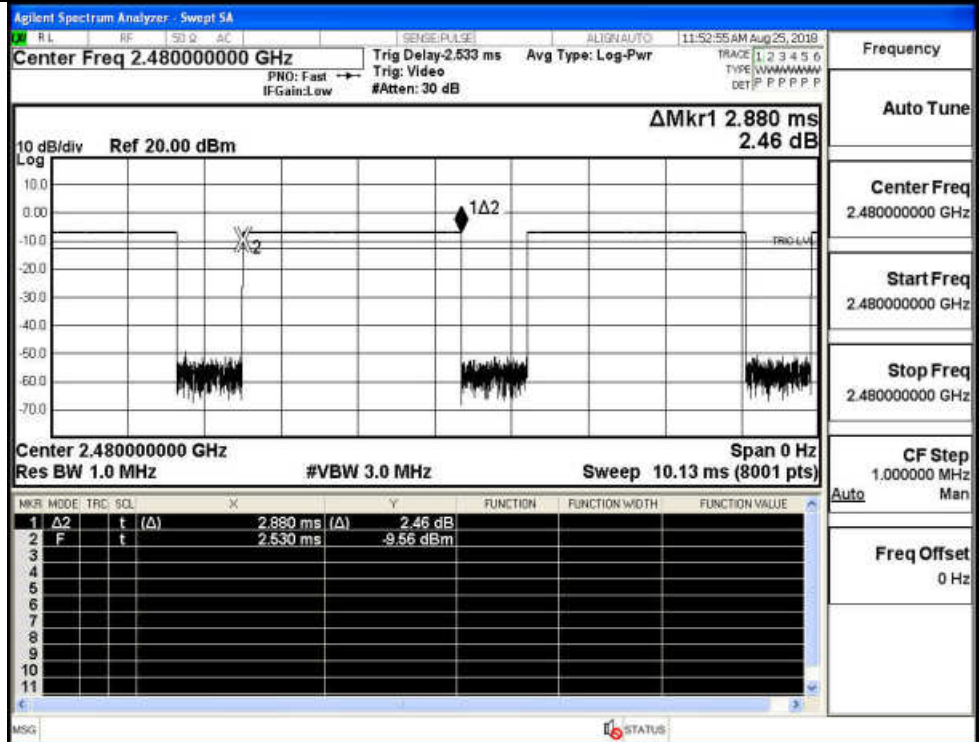
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
GFSK	DH5	LCH	2.88	106.7	0.307	0.4	PASS
	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
$\pi/4$ DQPSK	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.88	106.7	0.308	0.4	PASS
	3DH5	MCH	2.88	106.7	0.308	0.4	PASS
	3DH5	HCH	2.88	106.7	0.308	0.4	PASS



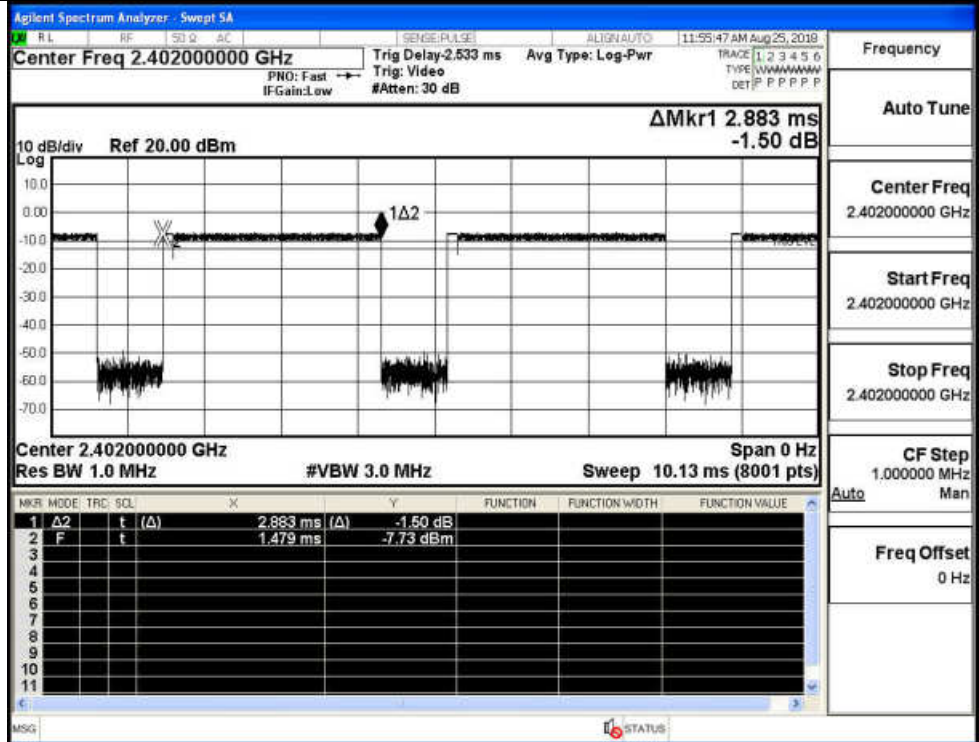
GFSK_DH5/MCH



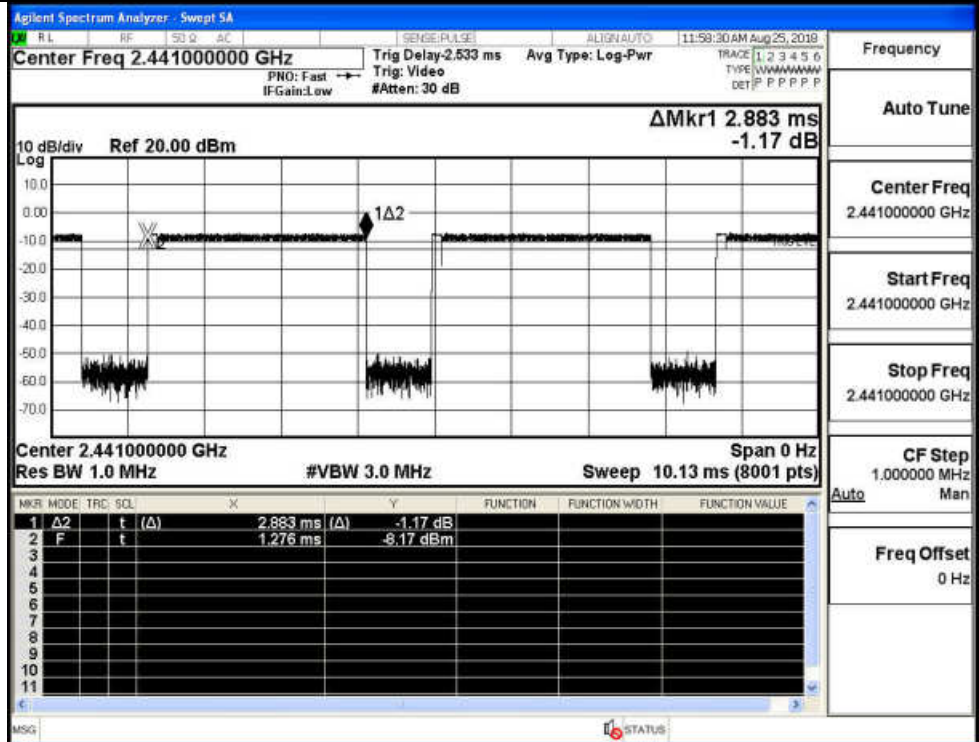
GFSK_DH5/HCH



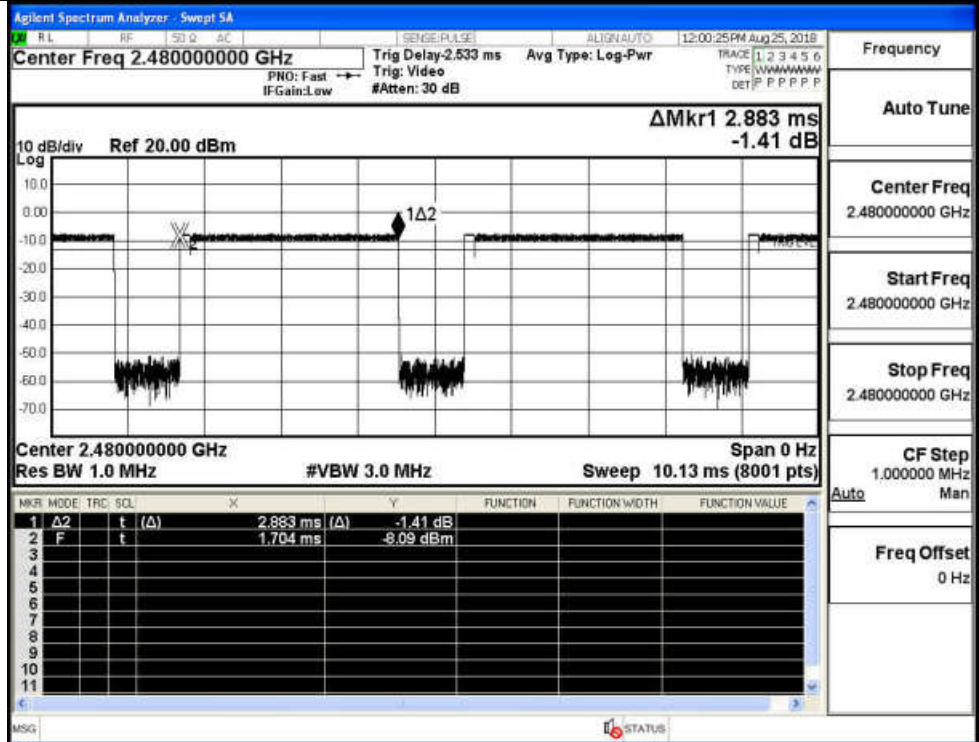
$\pi/4$ DQPSK
_2DH5/LCH



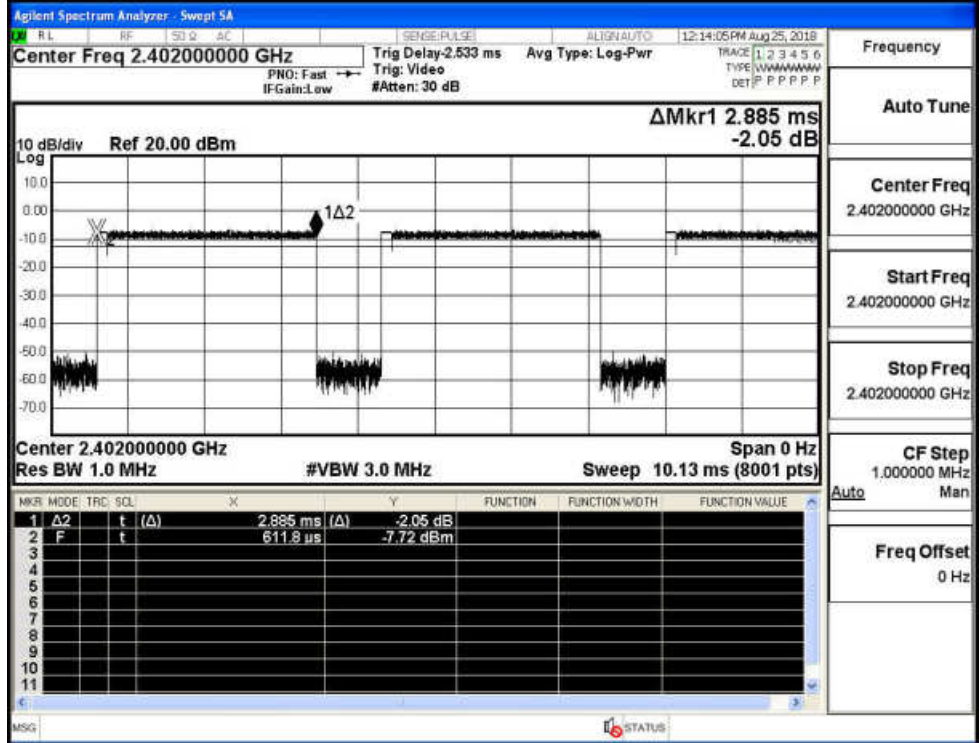
$\pi/4$ DQPSK
_2DH5/MCH

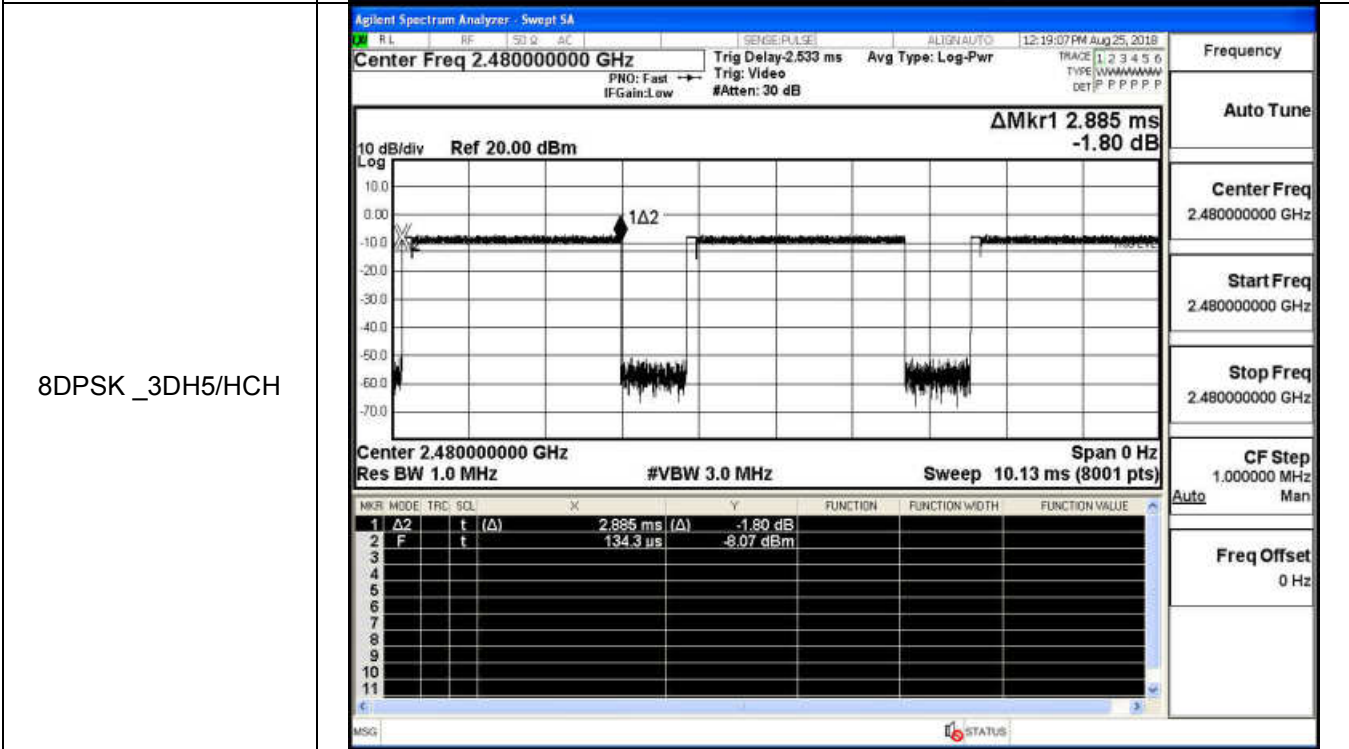
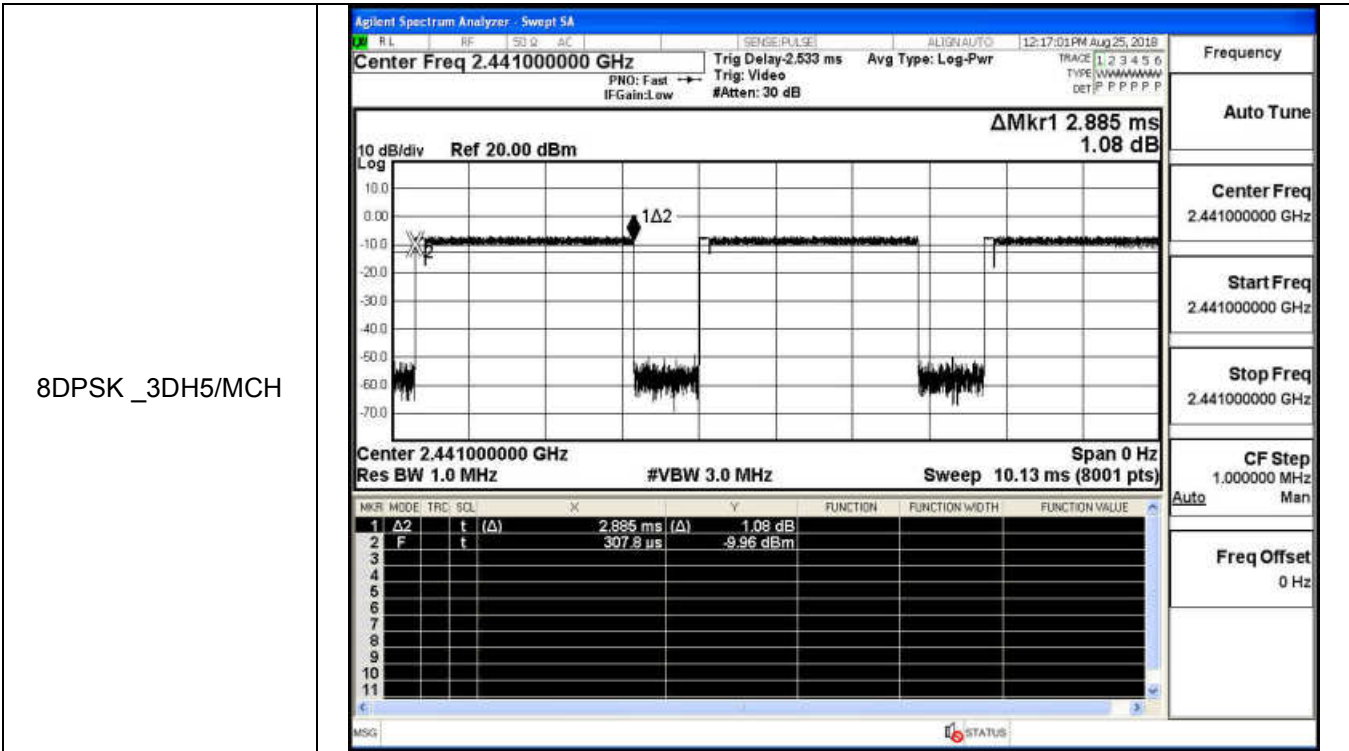


$\pi/4$ DQPSK
_2DH5/HCH



8DPSK_3DH5/LCH

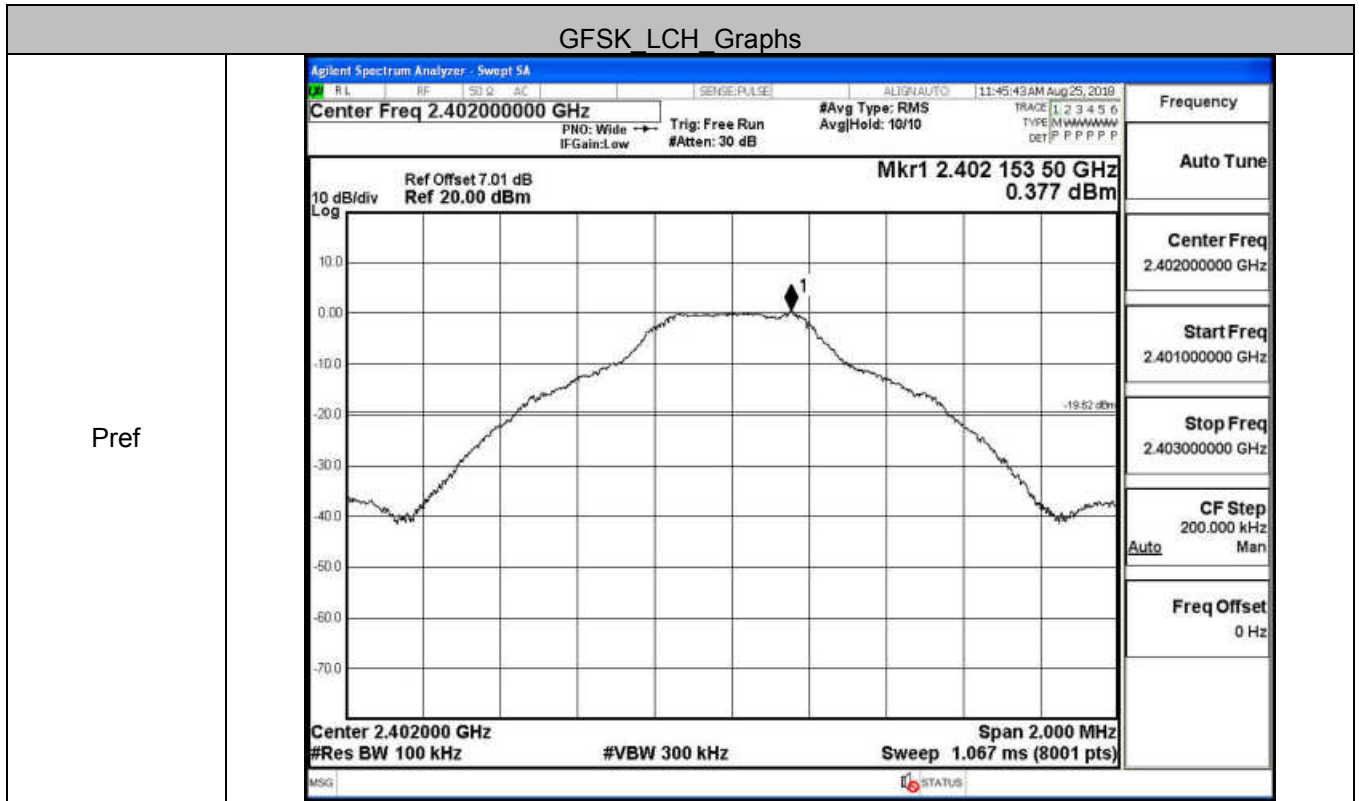


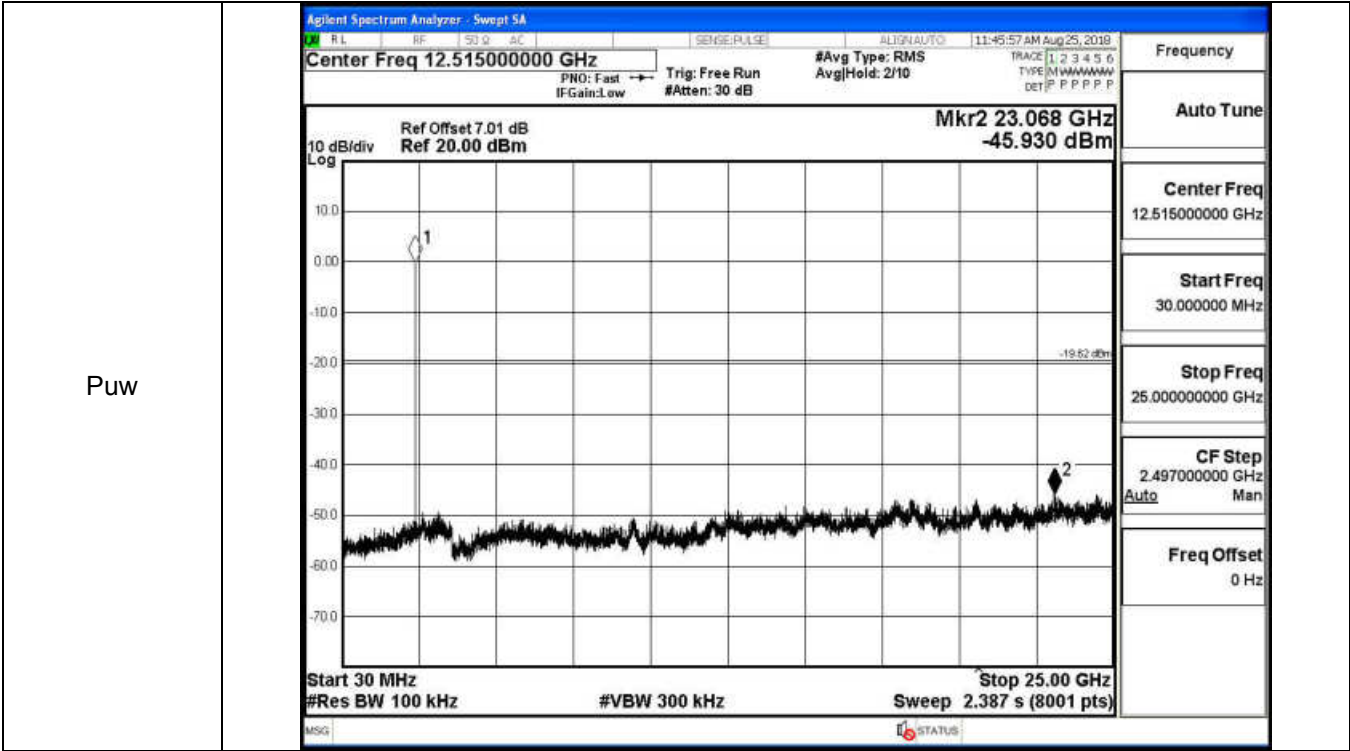


A.6 RF Conducted Spurious Emissions

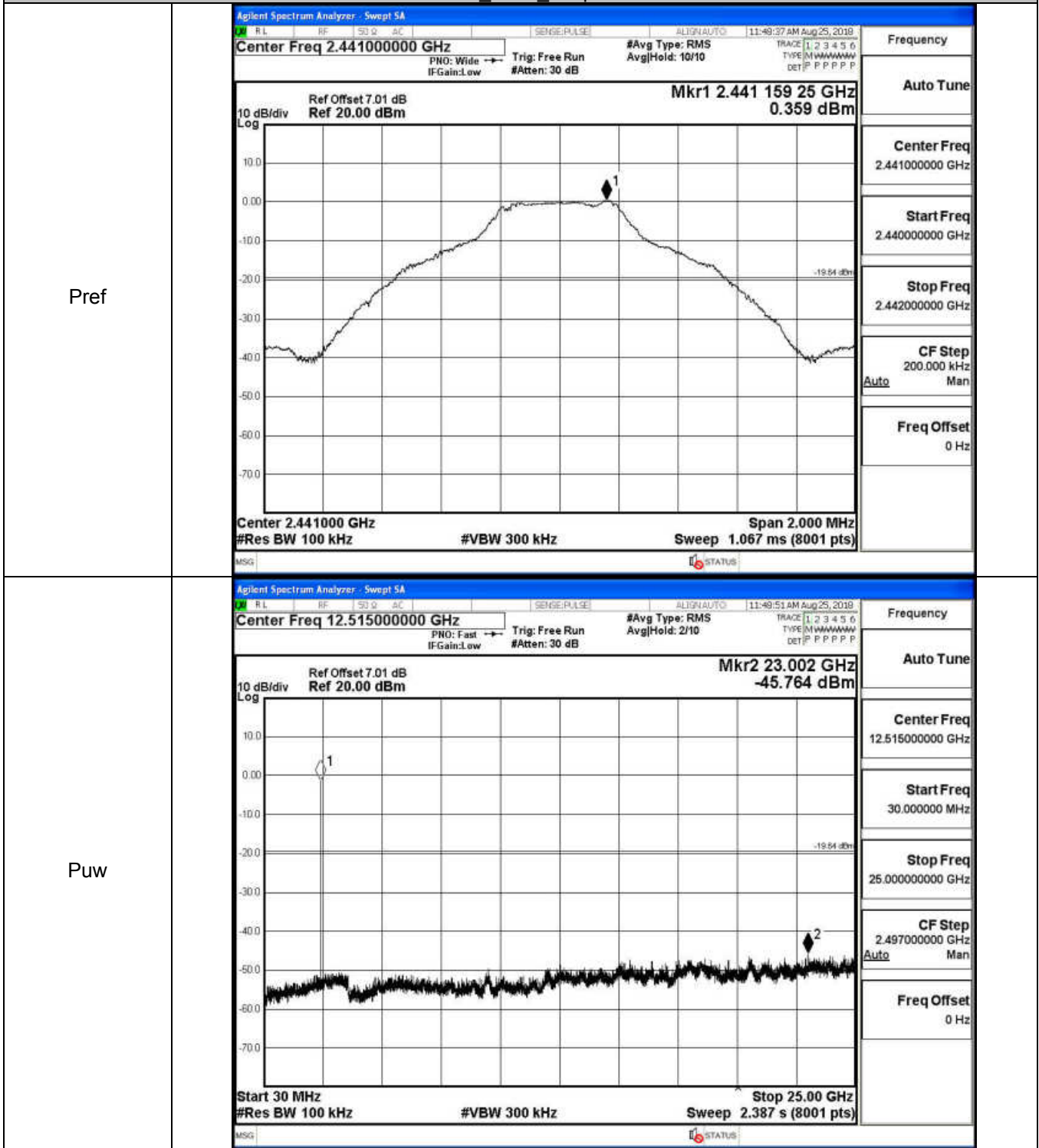
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.377	-45.930	-19.623	PASS
	MCH	0.359	-45.764	-19.641	PASS
	HCH	0.074	-46.294	-19.926	PASS
$\pi/4$ DQPSK	LCH	-0.749	-46.103	-20.749	PASS
	MCH	-1.327	-45.420	-21.327	PASS
	HCH	-1.552	-45.638	-21.552	PASS
8DPSK	LCH	-0.723	-45.438	-20.723	PASS
	MCH	-0.63	-45.697	-20.630	PASS
	HCH	-1.522	-46.379	-21.522	PASS

GFSK LCH Graphs

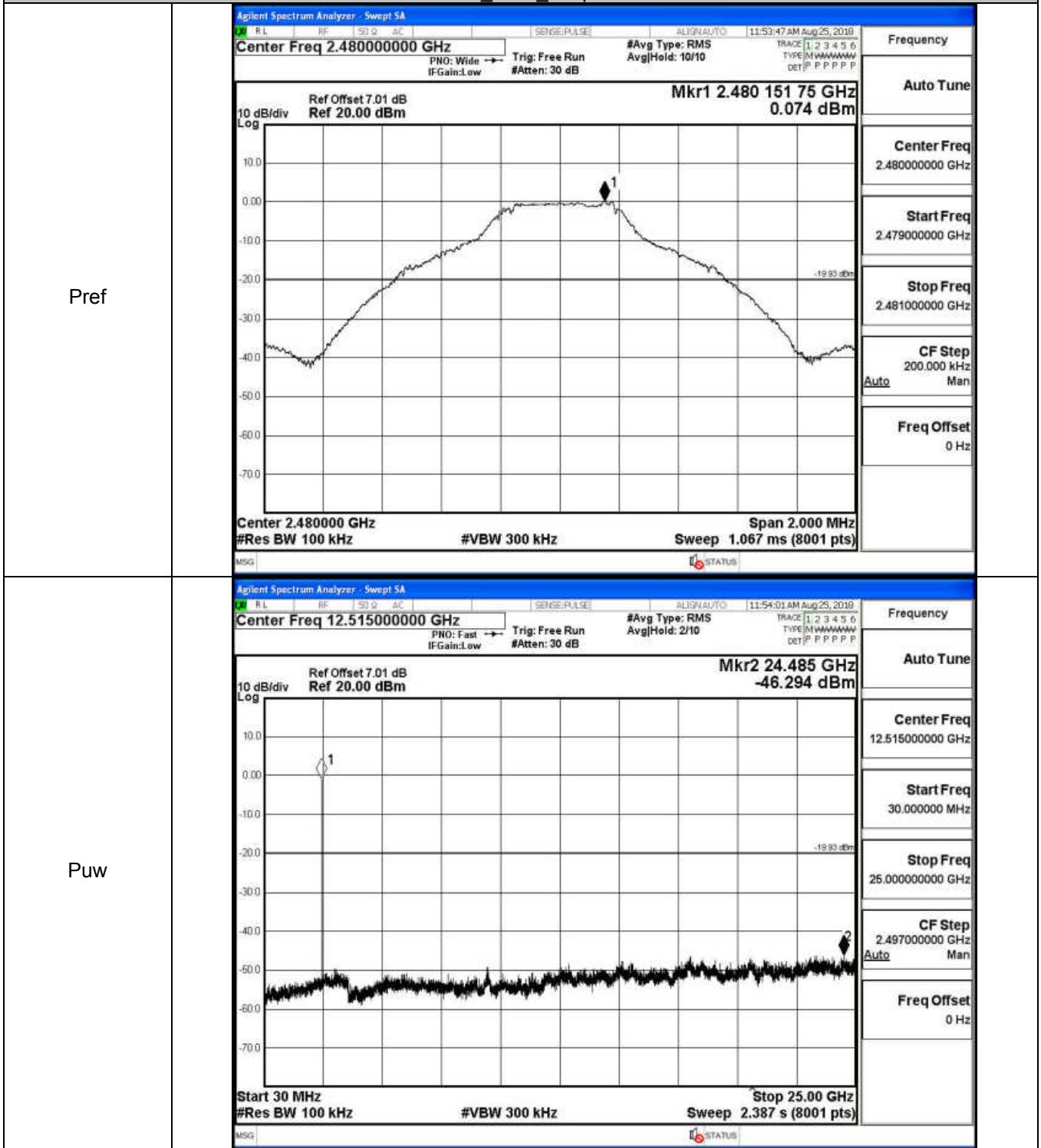




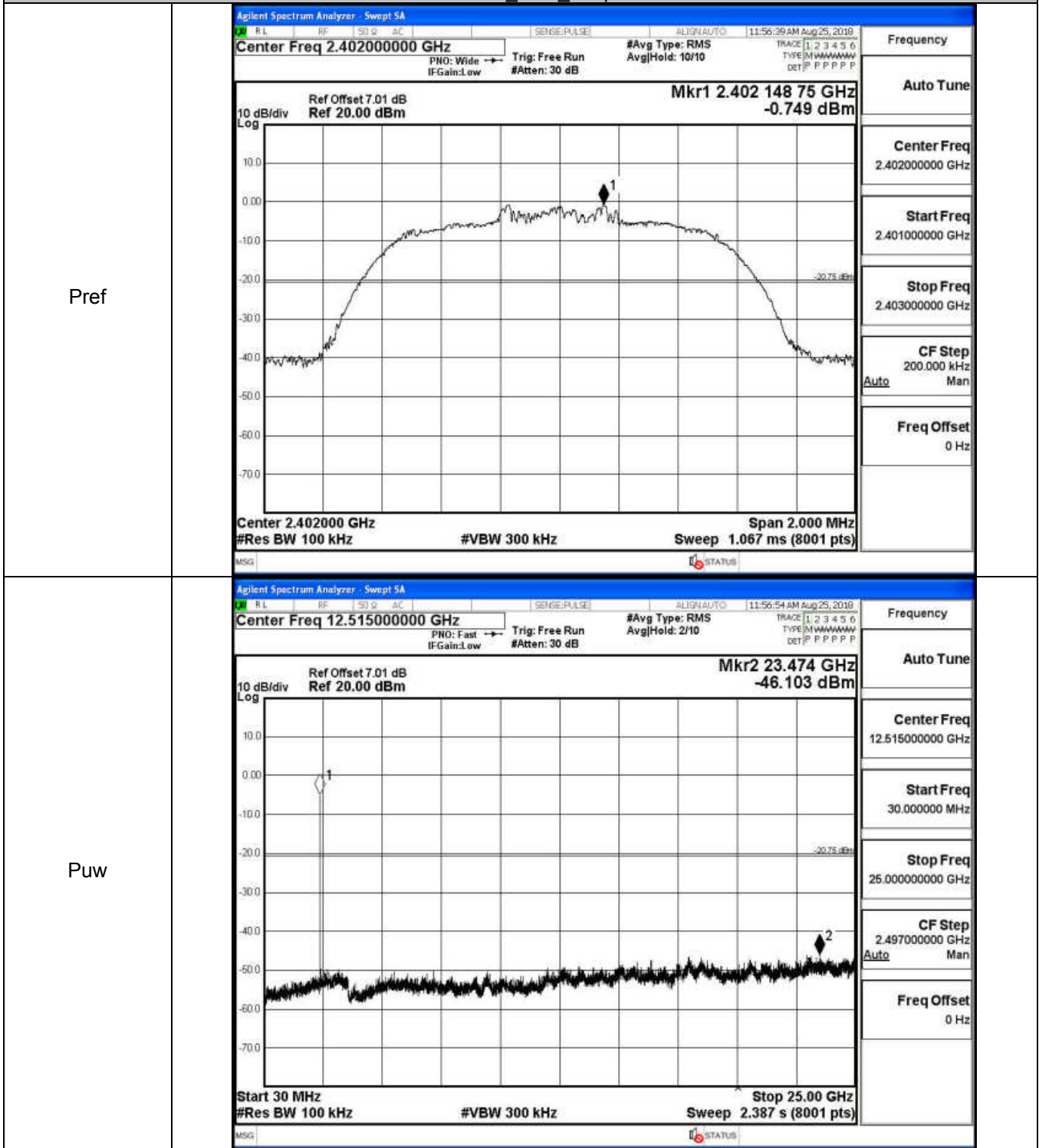
GFSK_MCH_Graphs



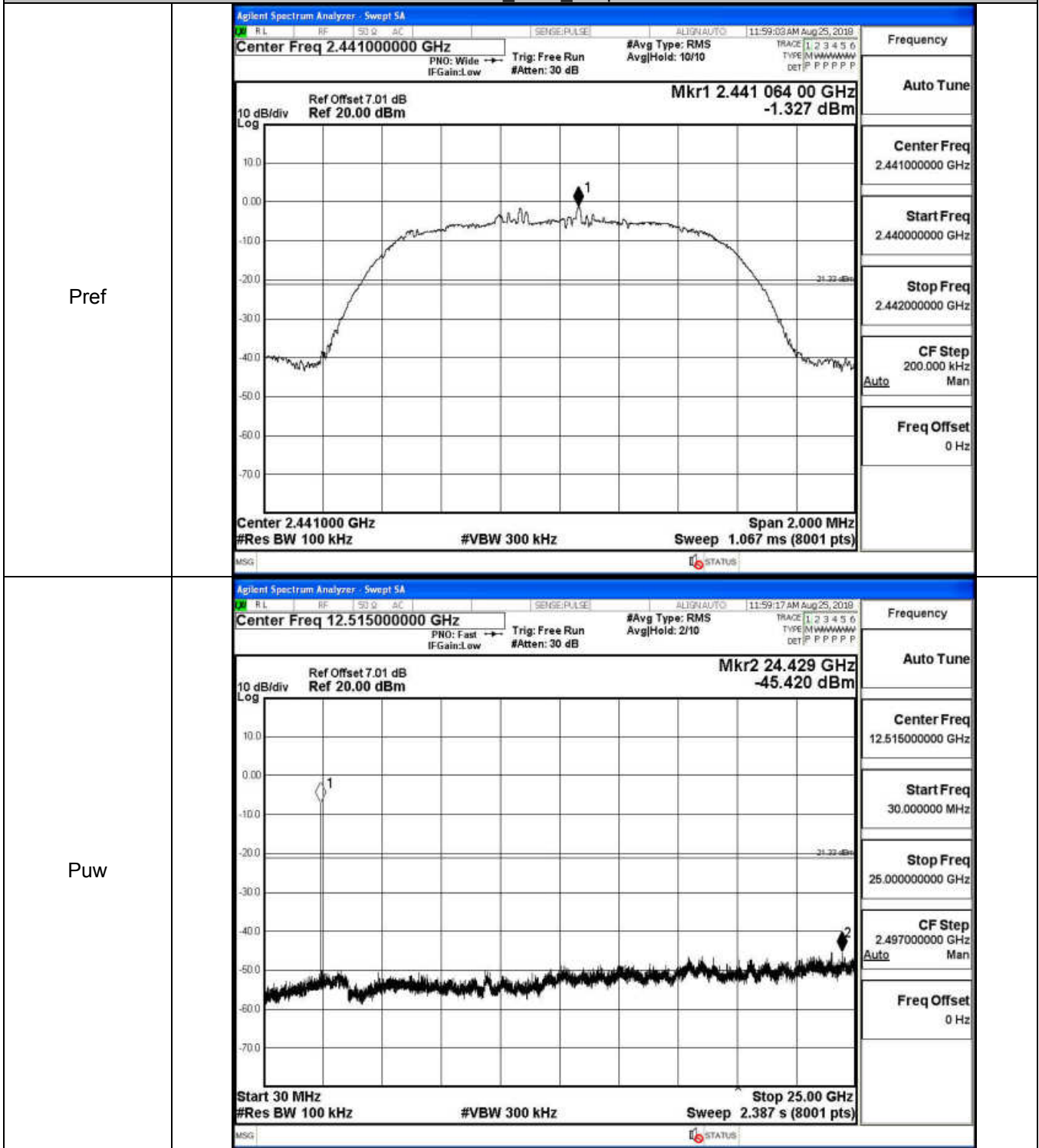
GFSK_HCH_Graphs



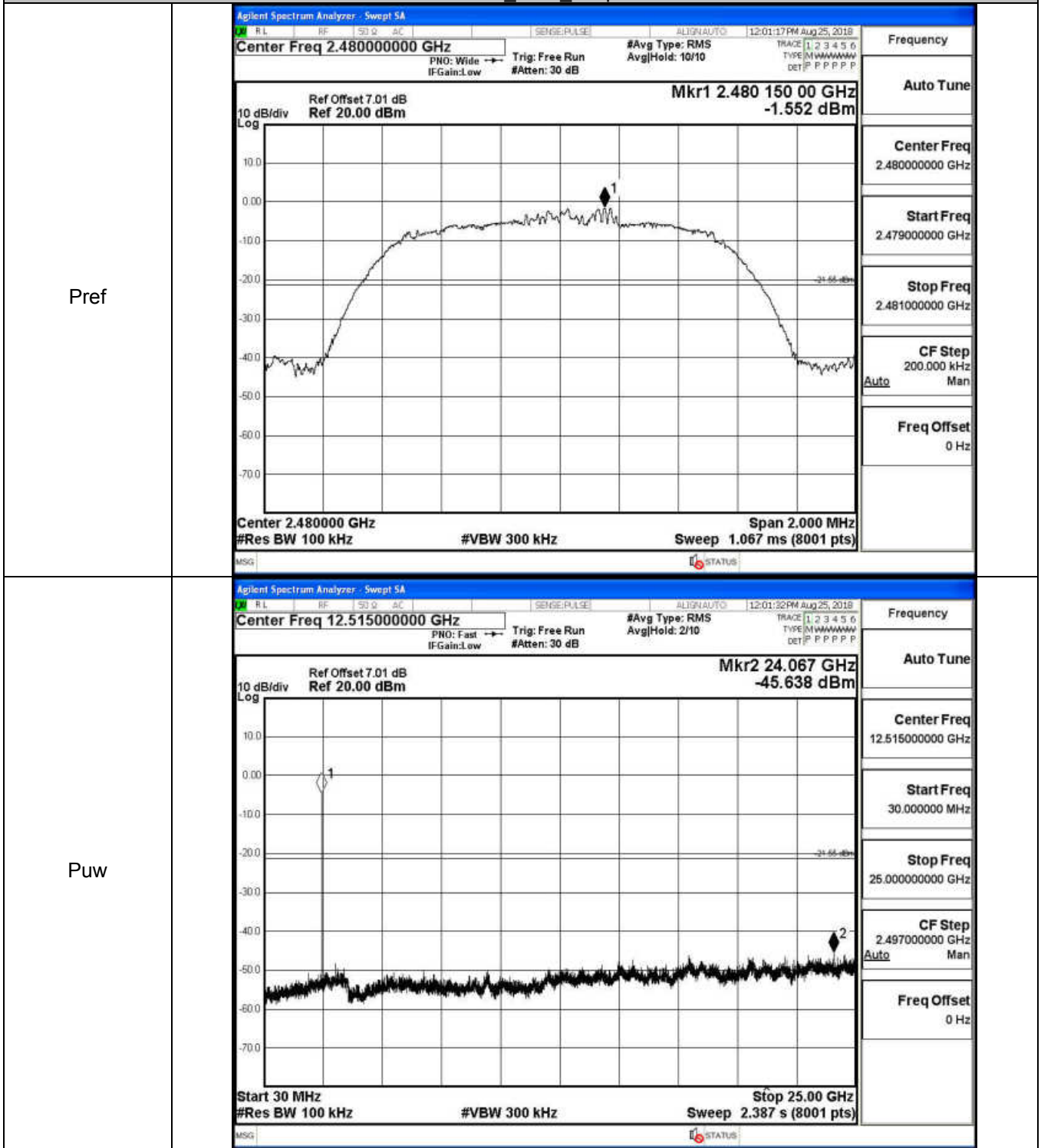
$\pi/4$ DQPSK_LCH_Graphs



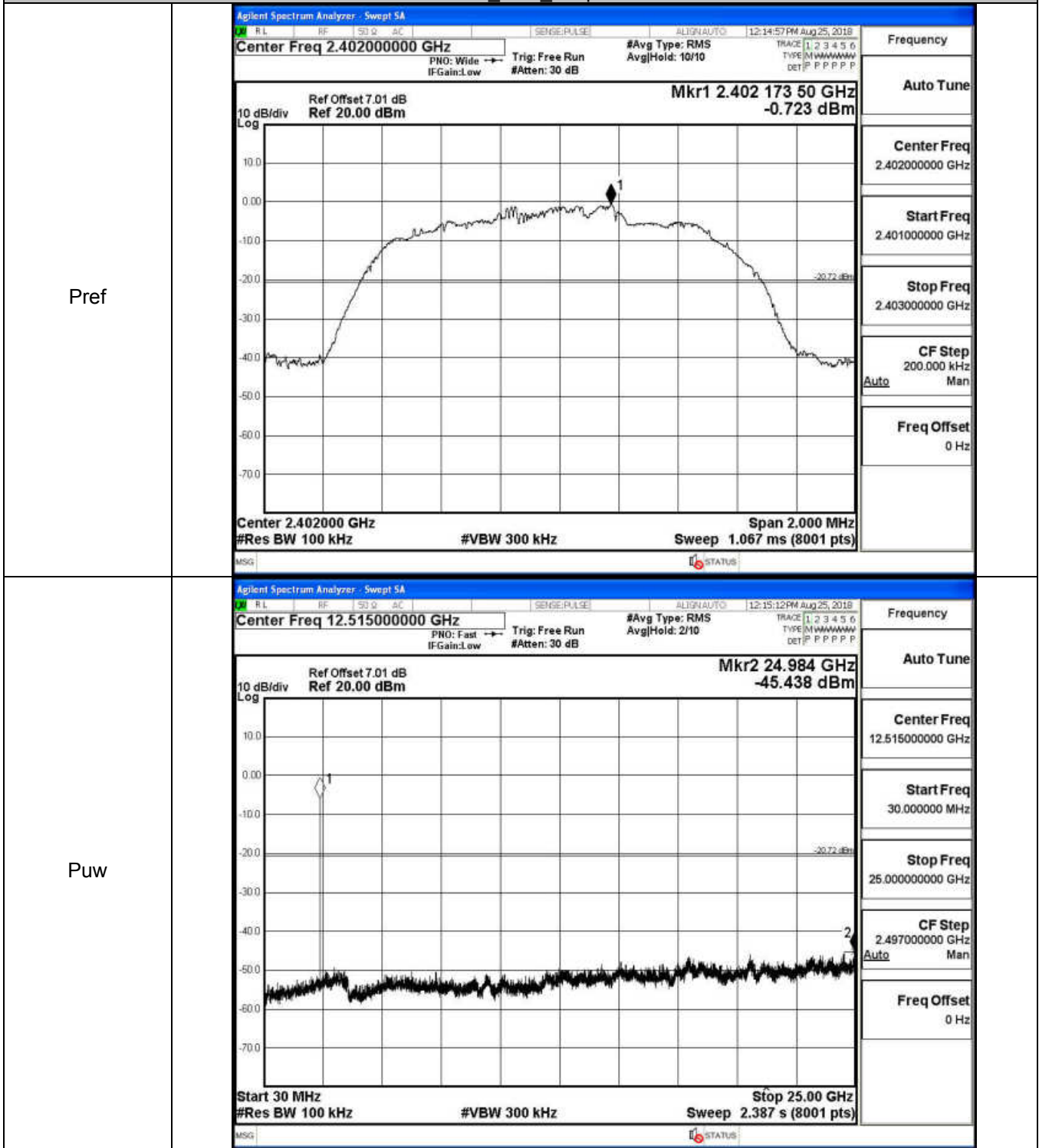
$\pi/4$ DQPSK_MCH_Graphs



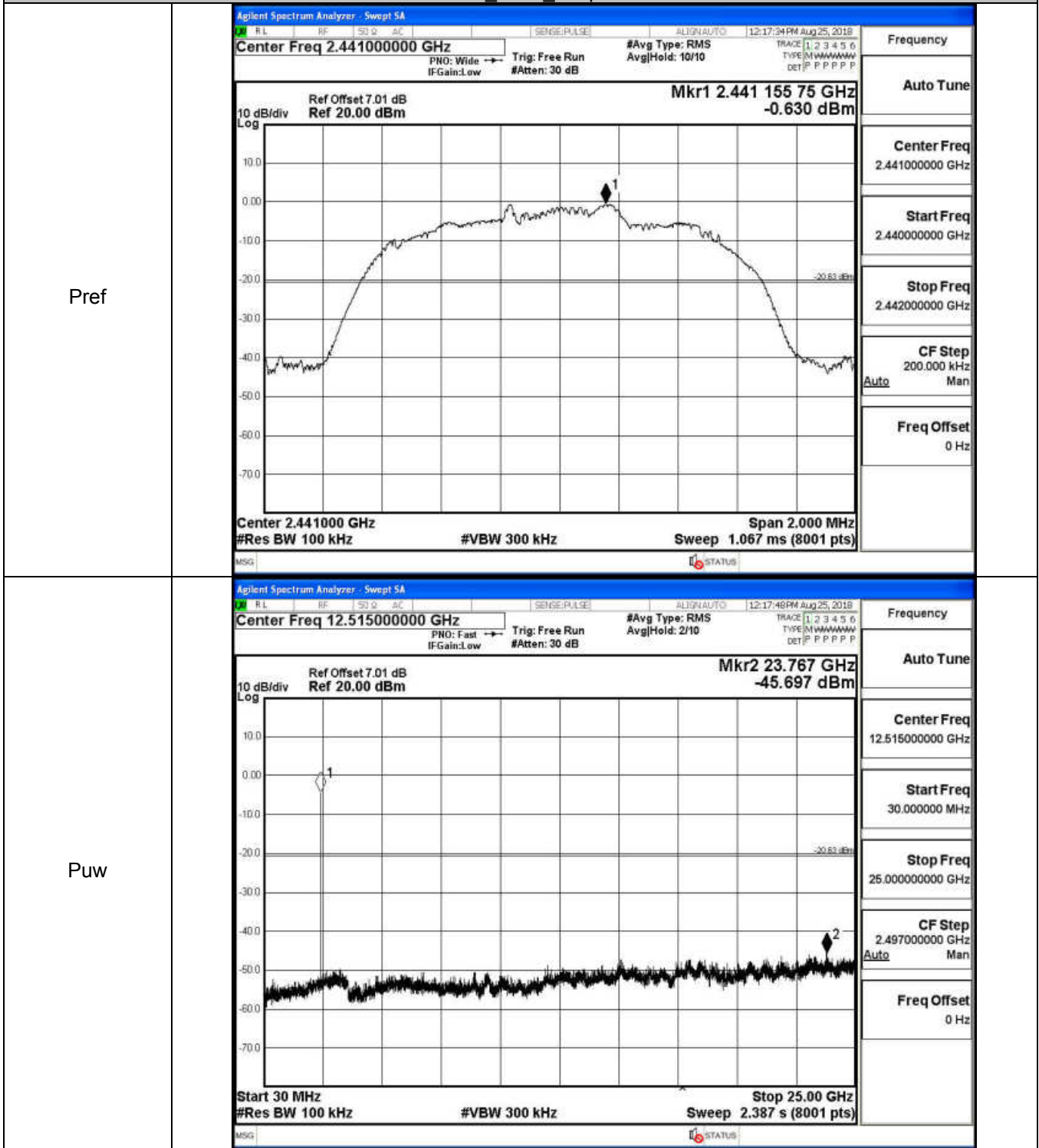
$\pi/4$ DQPSK_HCH_Graphs



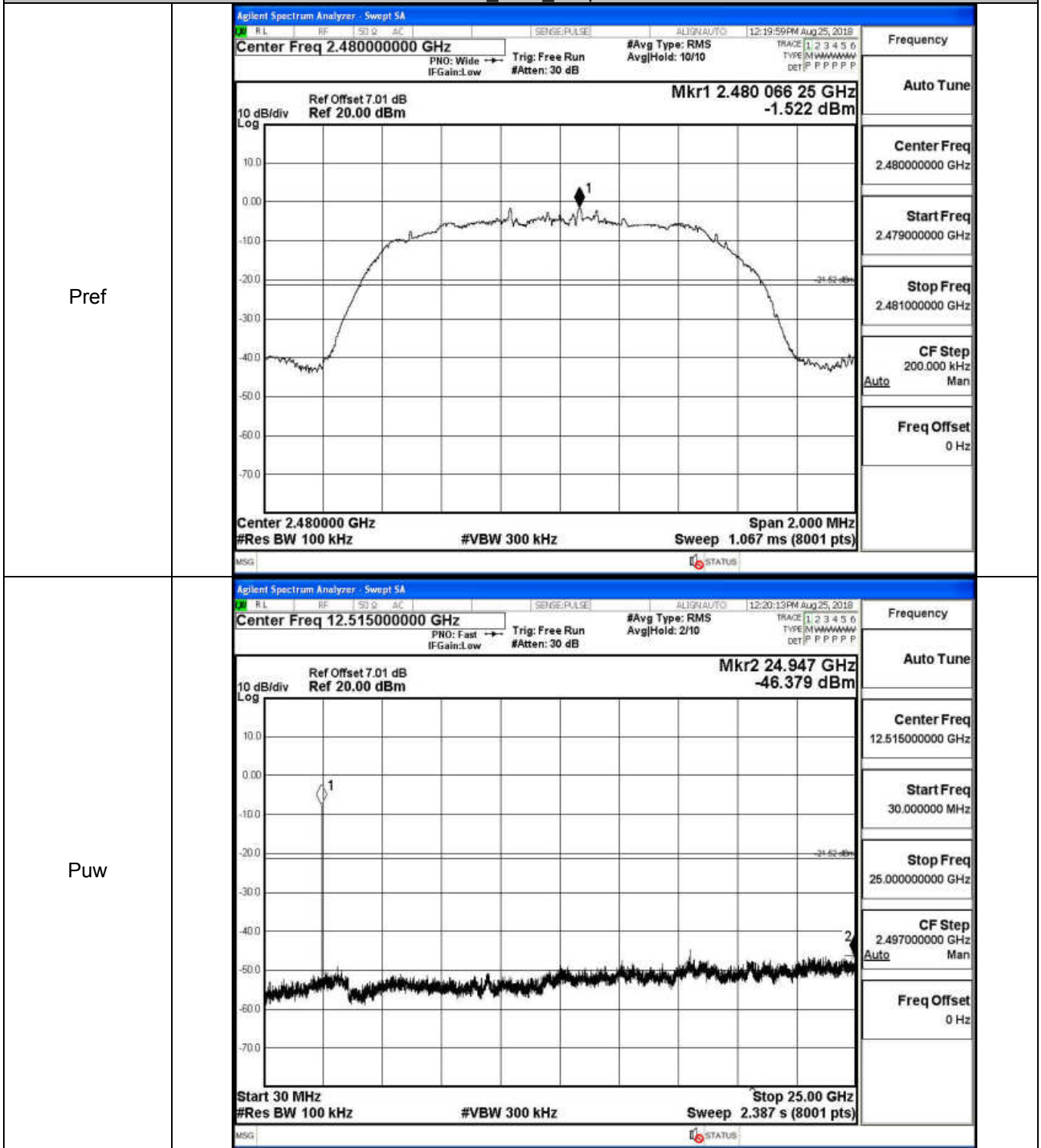
8DPSK_LCH_Graphs



8DPSK_MCH_Graphs



8DPSK_HCH_Graphs

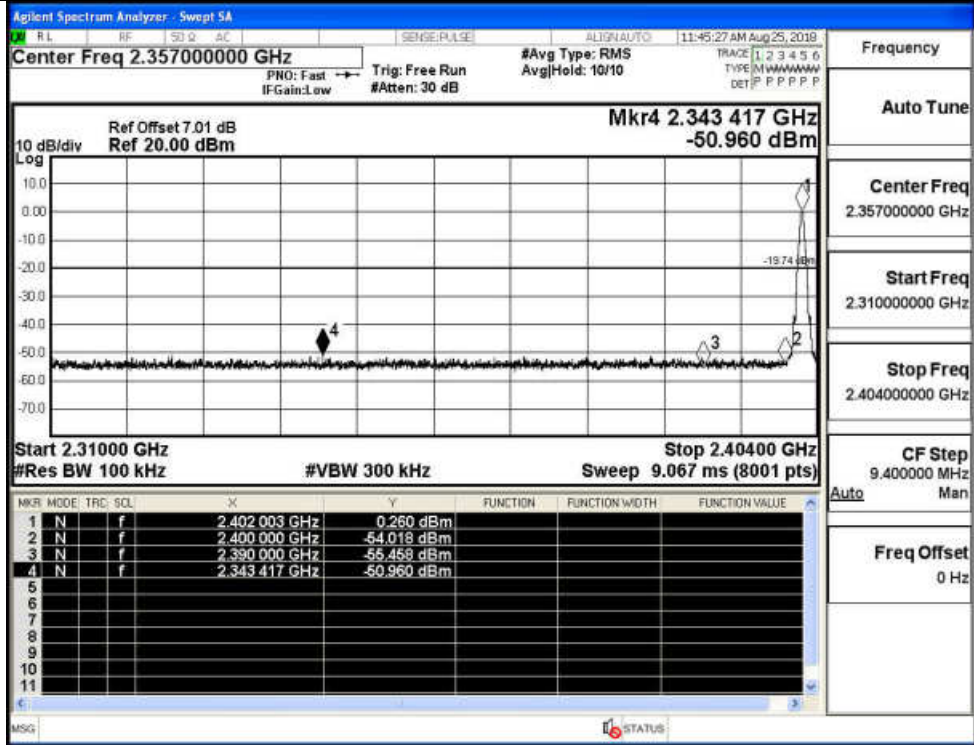


A.7 Band-edge for RF Conducted Emissions

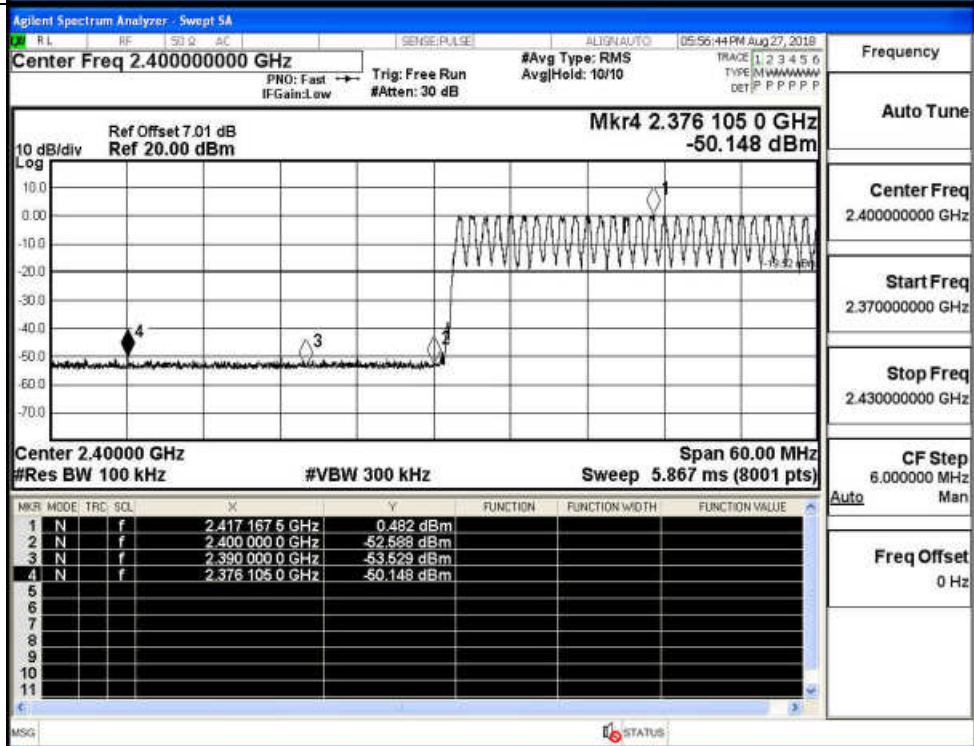
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.260	Off	-50.960	-19.74	PASS
			0.482	On	-50.148	-19.52	PASS
	HCH	2480	0.176	Off	-50.511	-19.82	PASS
			0.217	On	-49.731	-19.78	PASS
$\pi/4$ DQPSK	LCH	2402	-0.659	Off	-51.021	-20.66	PASS
			-0.447	On	-50.513	-20.45	PASS
	HCH	2480	-0.881	Off	-50.423	-20.88	PASS
			-0.693	On	-49.176	-20.69	PASS
8DPSK	LCH	2402	-0.423	Off	-50.914	-20.42	PASS
			-0.303	On	-50.414	-20.3	PASS
	HCH	2480	-0.821	Off	-50.461	-20.82	PASS
			-0.570	On	-50.322	-20.57	PASS

Test Graphs

GFSK/LCH/No Hop

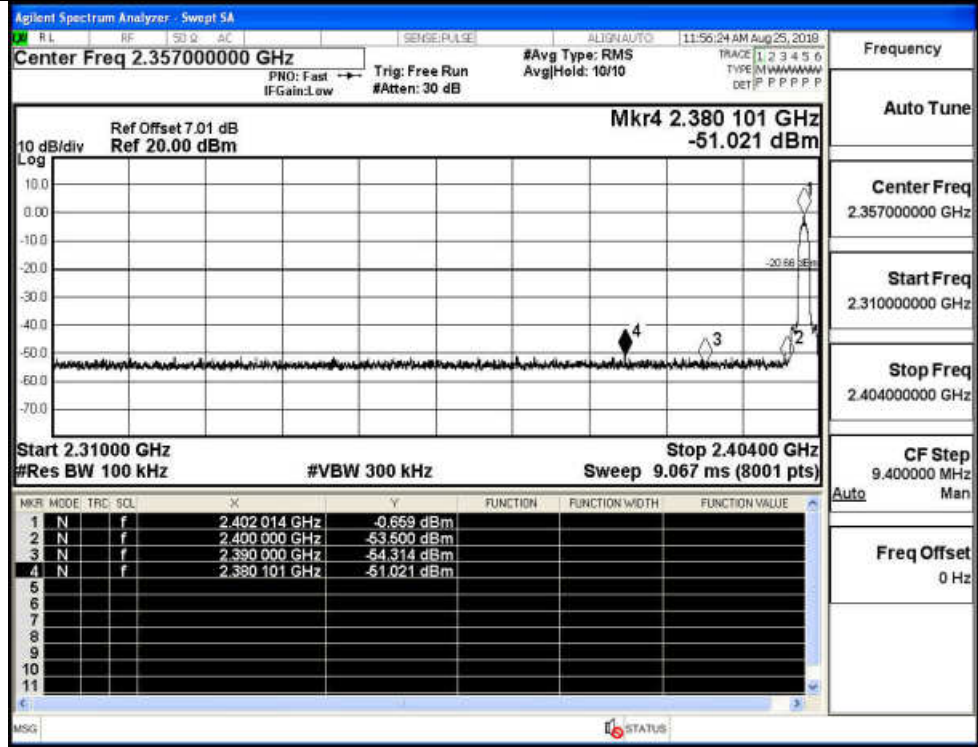


GFSK/LCH/Hop

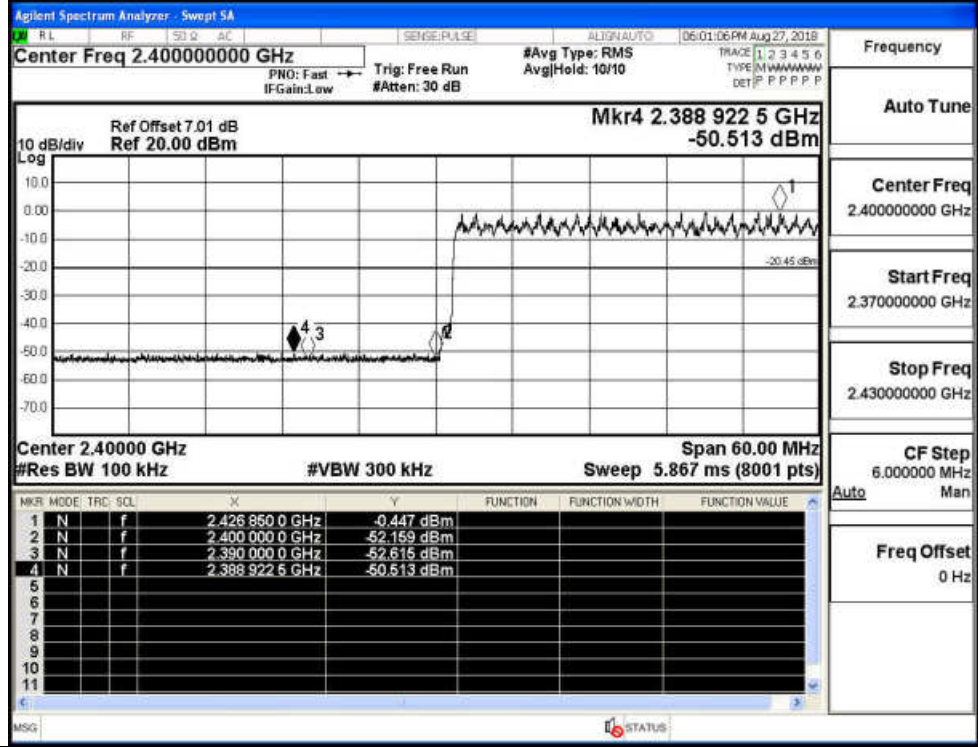


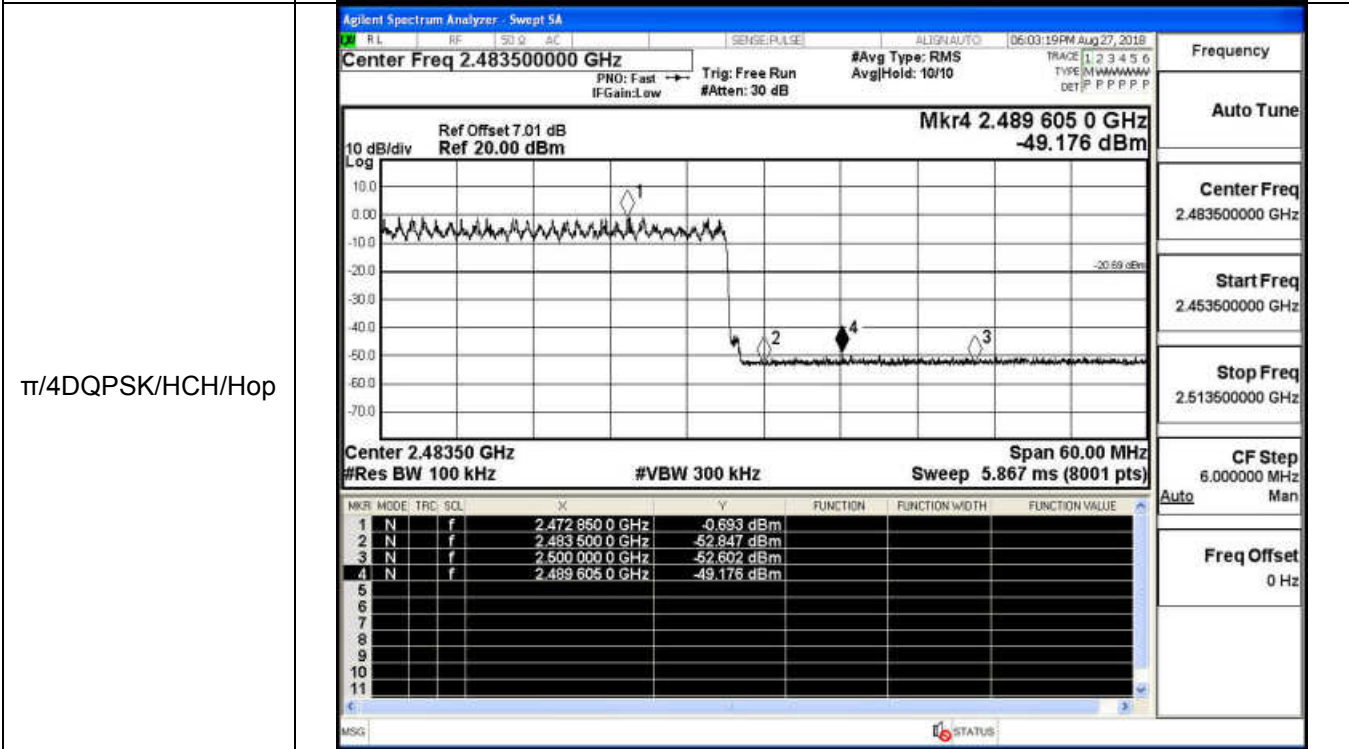
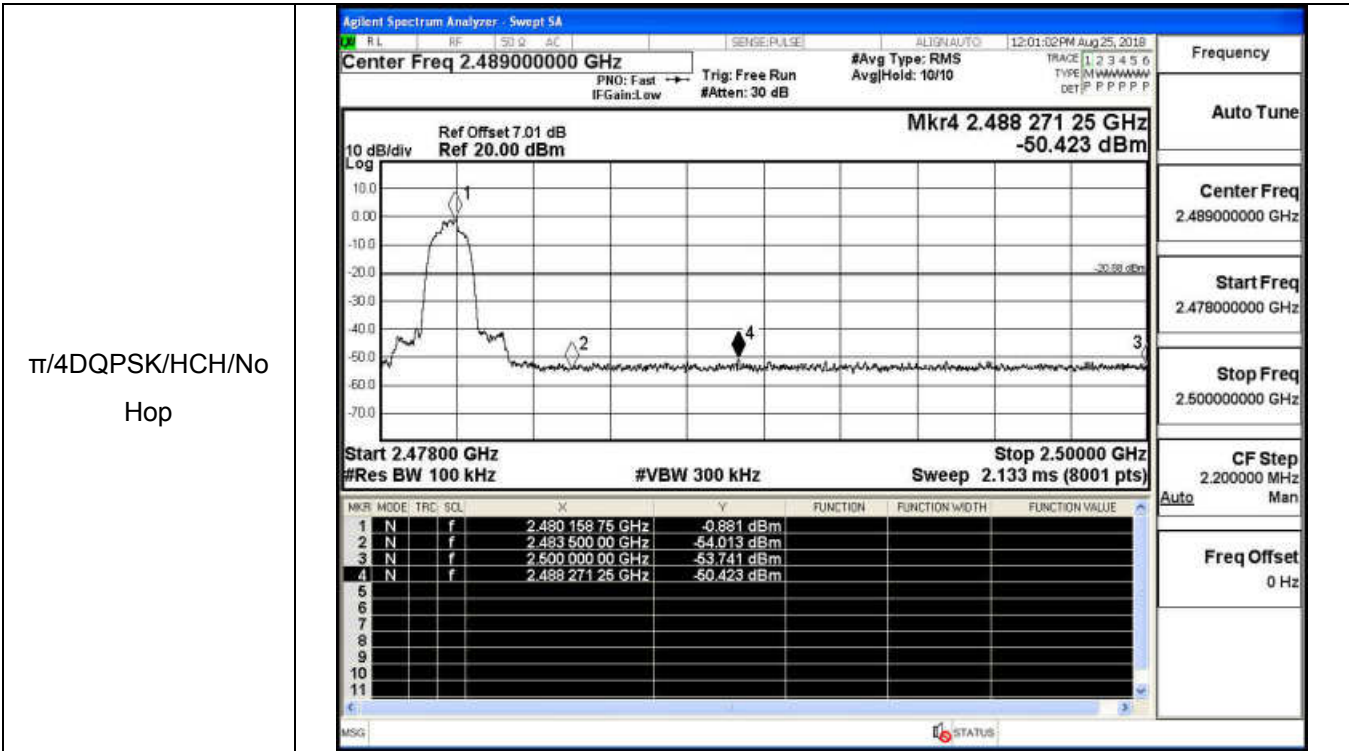
<p>GFSK/HCH/No Hop</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.489000000 GHz</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr4 2.498 820 25 GHz -50.511 dBm</p> <p>Start 2.47800 GHz #Res BW 100 kHz</p> <p>#VBW 300 kHz Sweep 2.133 ms (8001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>f</td> <td></td> <td>2.480 007 50 GHz</td> <td>0.176 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>f</td> <td></td> <td>2.483 500 00 GHz</td> <td>-52.621 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>f</td> <td></td> <td>2.500 000 00 GHz</td> <td>-53.182 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>f</td> <td></td> <td>2.498 820 26 GHz</td> <td>-50.511 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f		2.480 007 50 GHz	0.176 dBm				2	N	f		2.483 500 00 GHz	-52.621 dBm				3	N	f		2.500 000 00 GHz	-53.182 dBm				4	N	f		2.498 820 26 GHz	-50.511 dBm			
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<p>GFSK/HCH/Hop</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.483500000 GHz</p> <p>Ref Offset 7.01 dB Ref 20.00 dBm</p> <p>Mkr4 2.498 785 0 GHz -49.731 dBm</p> <p>Center 2.48350 GHz #Res BW 100 kHz</p> <p>#VBW 300 kHz Sweep 5.867 ms (8001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>f</td> <td></td> <td>2.456 042 5 GHz</td> <td>0.217 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>f</td> <td></td> <td>2.483 500 0 GHz</td> <td>-53.508 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>f</td> <td></td> <td>2.500 000 0 GHz</td> <td>-52.457 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>f</td> <td></td> <td>2.498 785 0 GHz</td> <td>-49.731 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f		2.456 042 5 GHz	0.217 dBm				2	N	f		2.483 500 0 GHz	-53.508 dBm				3	N	f		2.500 000 0 GHz	-52.457 dBm				4	N	f		2.498 785 0 GHz	-49.731 dBm			
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$\pi/4$ DQPSK/LCH/No Hop

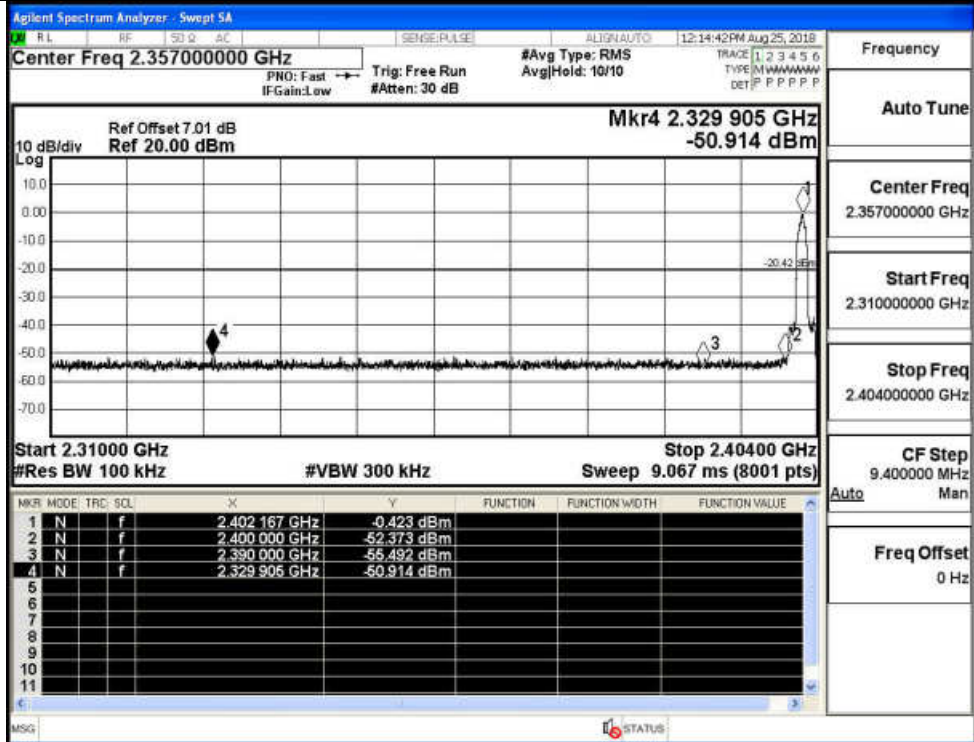


$\pi/4$ DQPSK/LCH/Hop



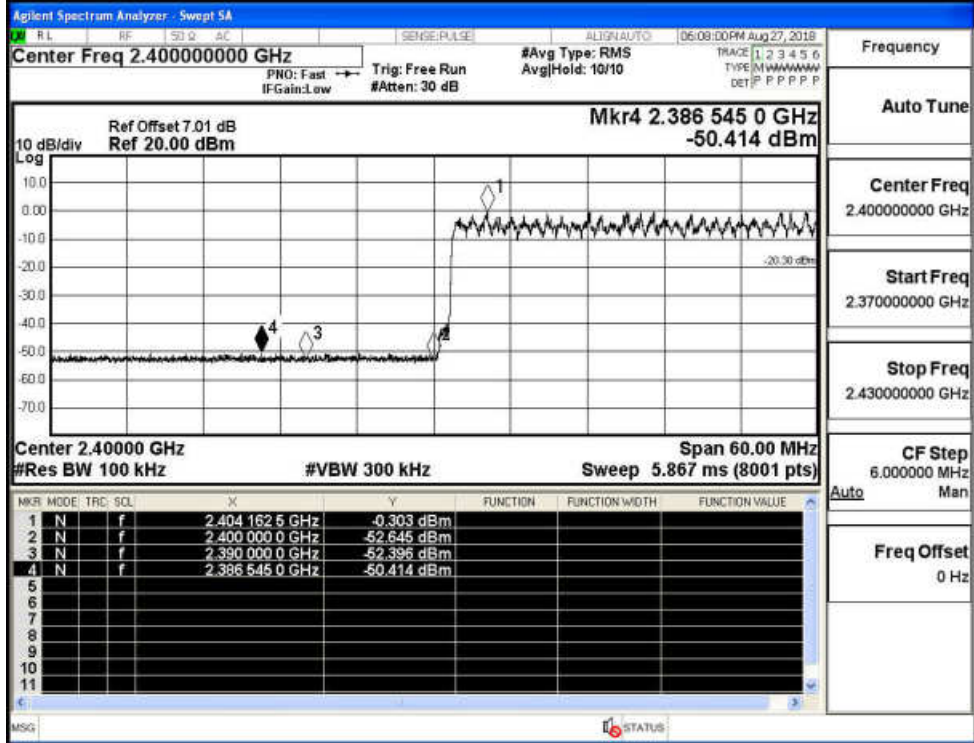


8DPSK/LCH/No Hop



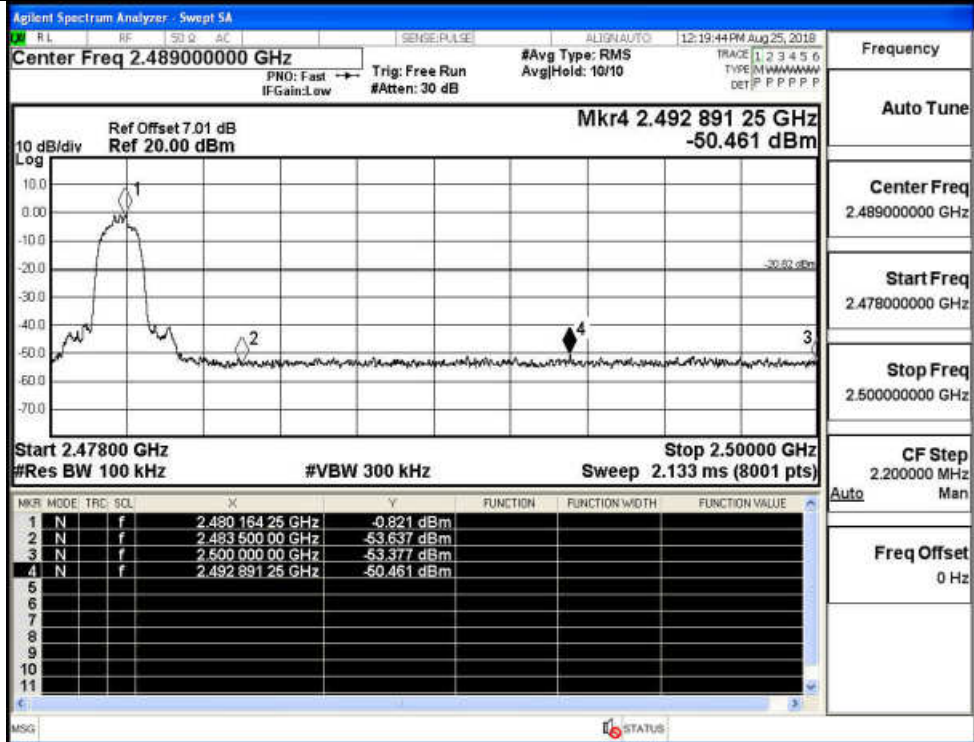
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Auto Tune
Center Freq
2.357000000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.404000000 GHz
CF Step
9.400000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/LCH/Hop

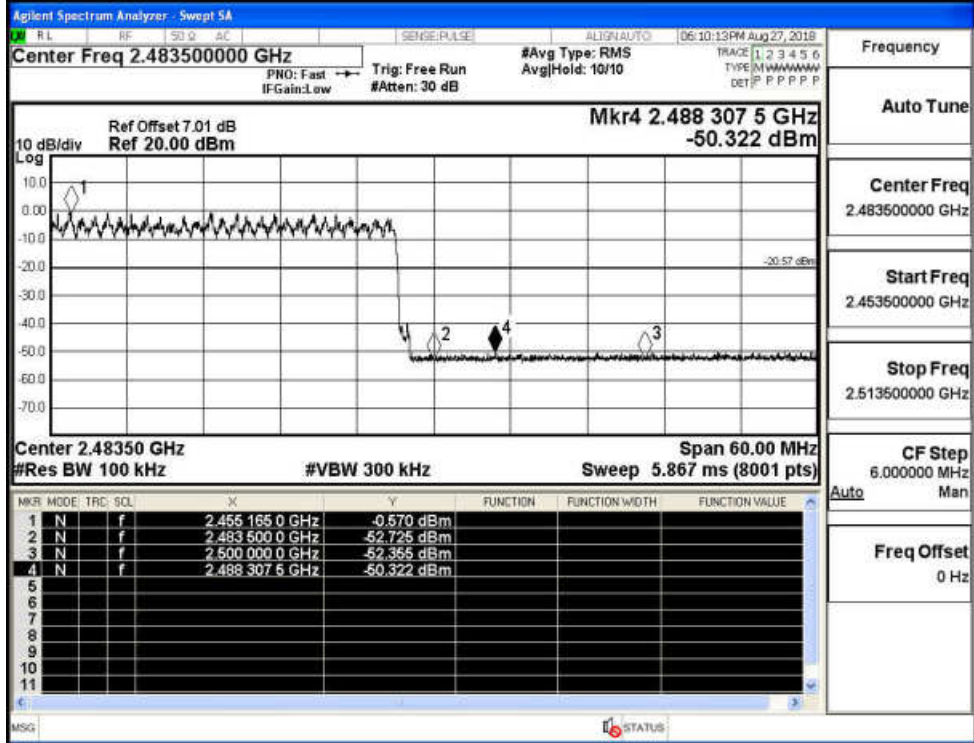


Frequency
Auto Tune
Center Freq
2.400000000 GHz
Start Freq
2.370000000 GHz
Stop Freq
2.430000000 GHz
CF Step
6.000000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/HCH/No Hop



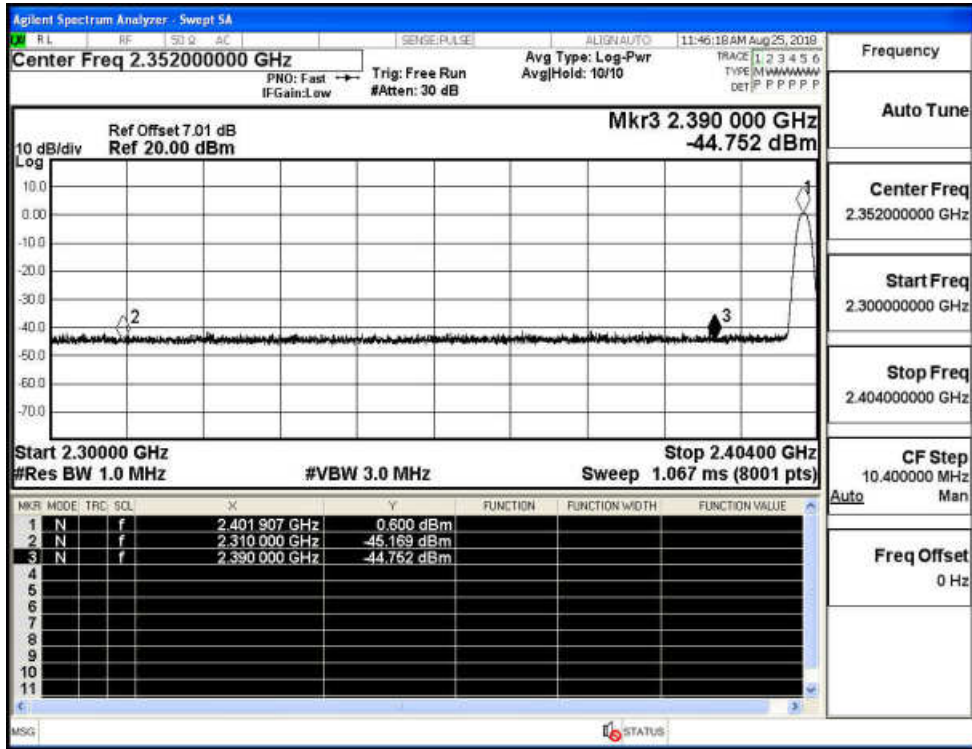
8DPSK/HCH/Hop



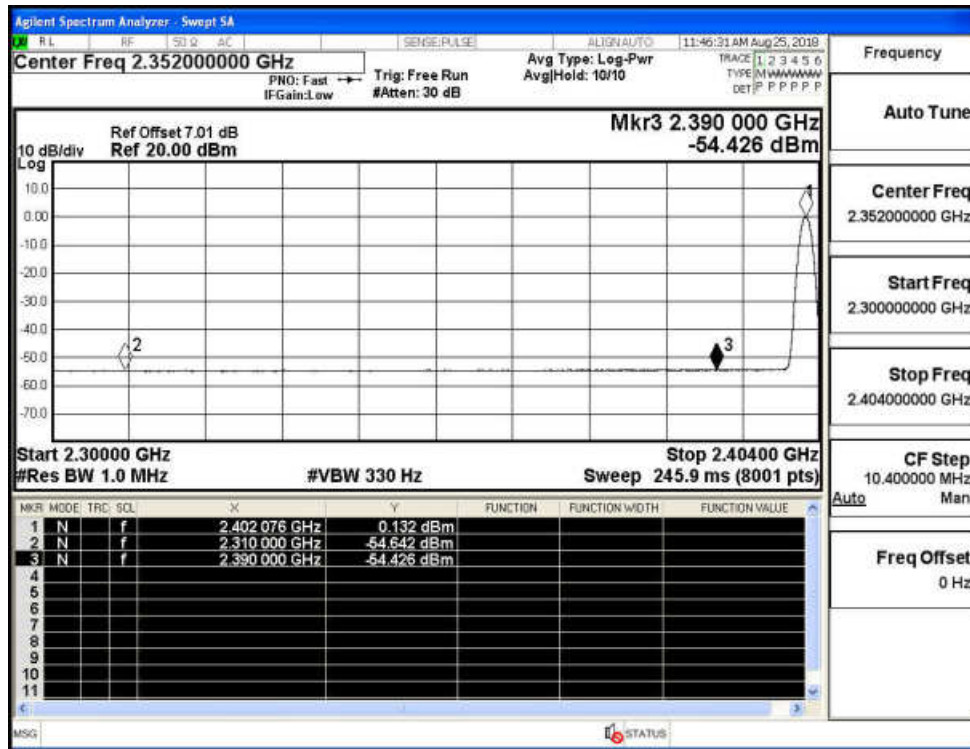
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-45.17	2.0	0	52.06	PEAK	74	PASS
	Off	2310.0	-54.64	2.0	0	42.59	AV	54	PASS
	Off	2390.0	-44.75	2.0	0	52.48	PEAK	74	PASS
	Off	2390.0	-54.43	2.0	0	42.80	AV	54	PASS
	Off	2483.5	-45.35	2.0	0	51.88	PEAK	74	PASS
	Off	2483.5	-54.19	2.0	0	43.04	AV	54	PASS
	Off	2500.0	-44.56	2.0	0	52.67	PEAK	74	PASS
	Off	2500.0	-54.08	2.0	0	43.15	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-45.13	2.0	0	52.10	PEAK	74	PASS
	Off	2310.0	-54.65	2.0	0	42.58	AV	54	PASS
	Off	2390.0	-44.27	2.0	0	52.96	PEAK	74	PASS
	Off	2390.0	-54.46	2.0	0	42.77	AV	54	PASS
	Off	2483.5	-43.77	2.0	0	53.46	PEAK	74	PASS
	Off	2483.5	-54.17	2.0	0	43.06	AV	54	PASS
	Off	2500.0	-44.26	2.0	0	52.97	PEAK	74	PASS
	Off	2500.0	-54.09	2.0	0	43.14	AV	54	PASS
8DPSK	Off	2310.0	-43.66	2.0	0	53.57	PEAK	74	PASS
	Off	2310.0	-54.70	2.0	0	42.53	AV	54	PASS
	Off	2390.0	-43.27	2.0	0	53.96	PEAK	74	PASS
	Off	2390.0	-54.41	2.0	0	42.82	AV	54	PASS
	Off	2483.5	-44.12	2.0	0	53.11	PEAK	74	PASS
	Off	2483.5	-54.19	2.0	0	43.04	AV	54	PASS
	Off	2500.0	-43.63	2.0	0	53.60	PEAK	74	PASS
	Off	2500.0	-54.12	2.0	0	43.11	AV	54	PASS

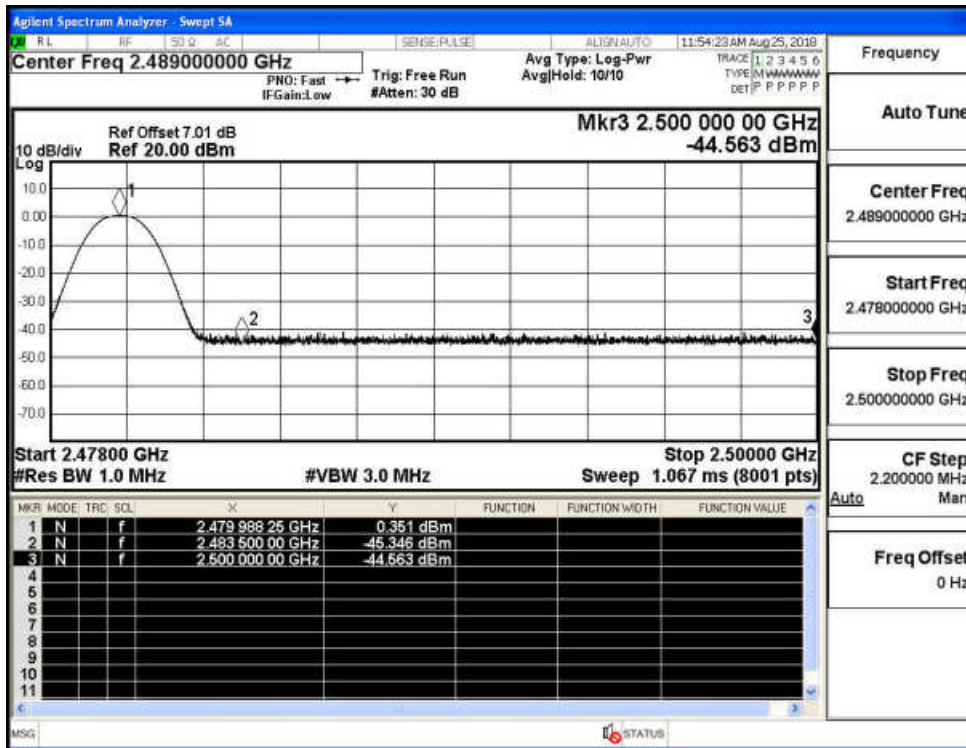
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



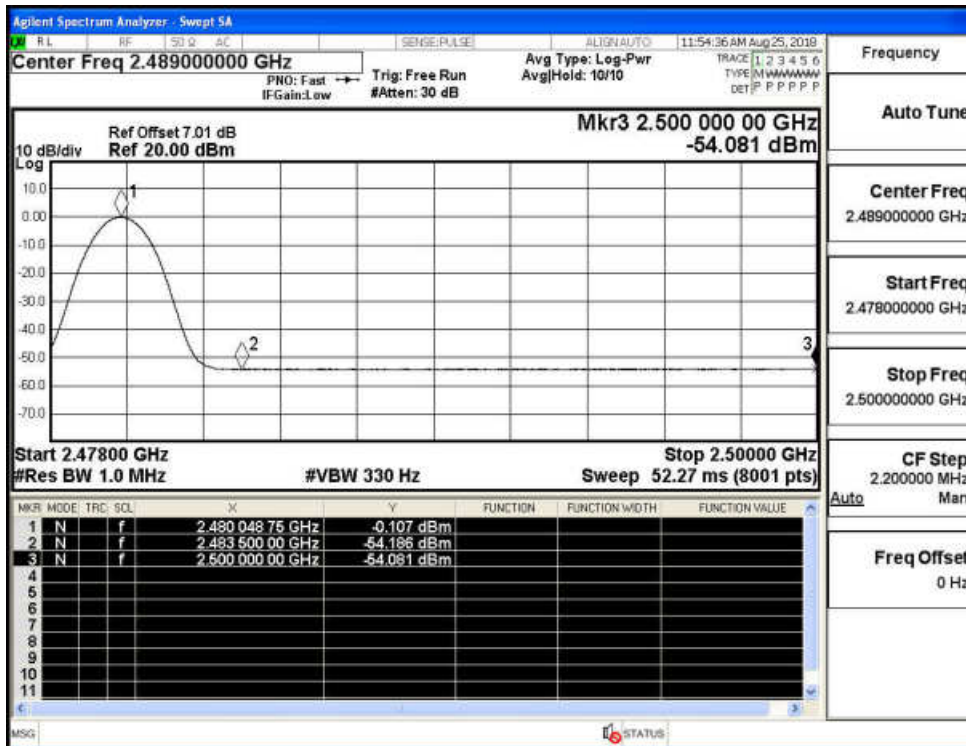
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



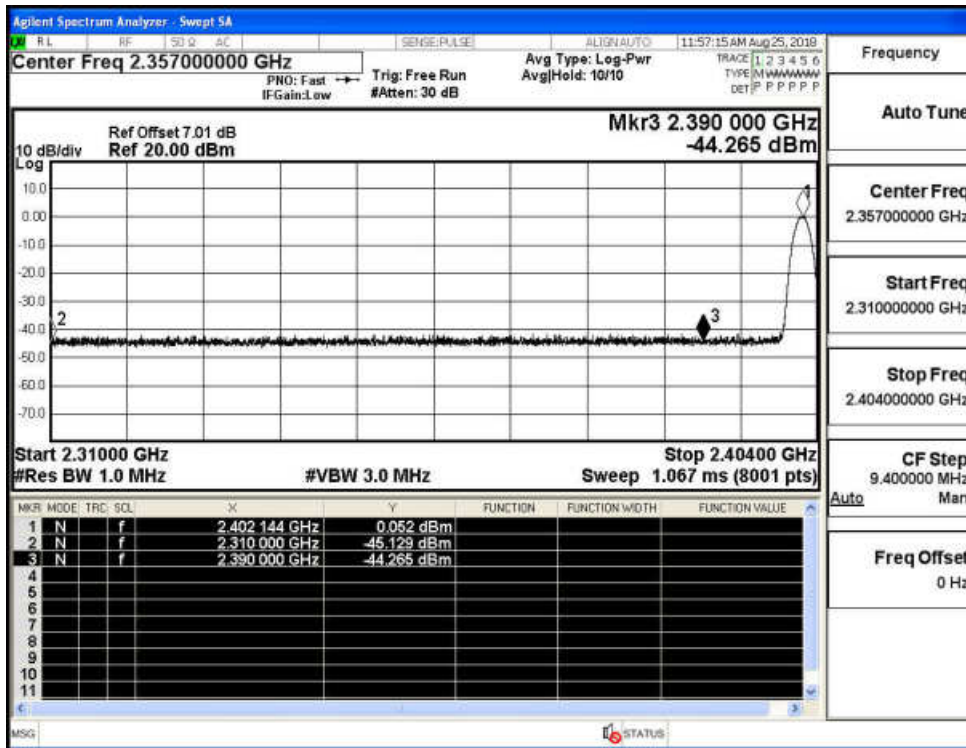
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



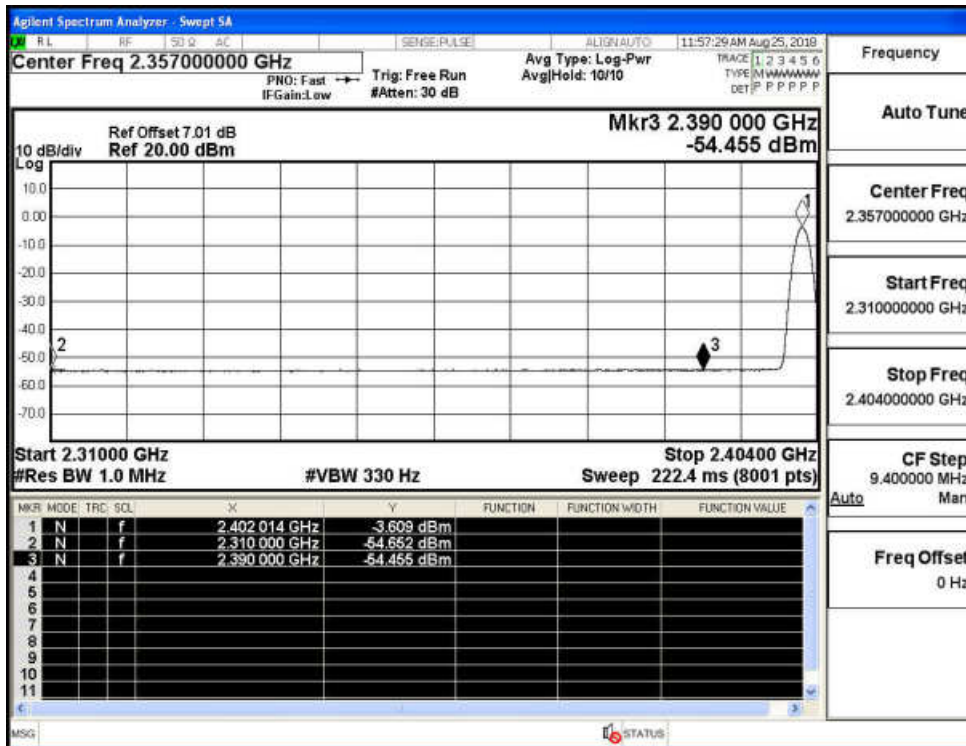
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



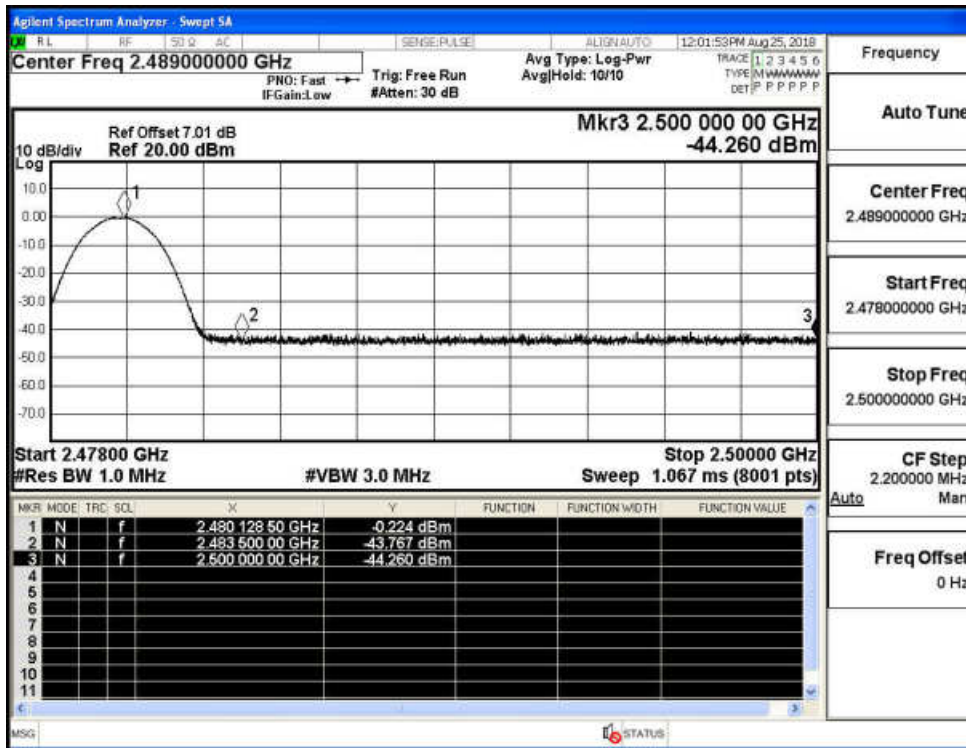
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



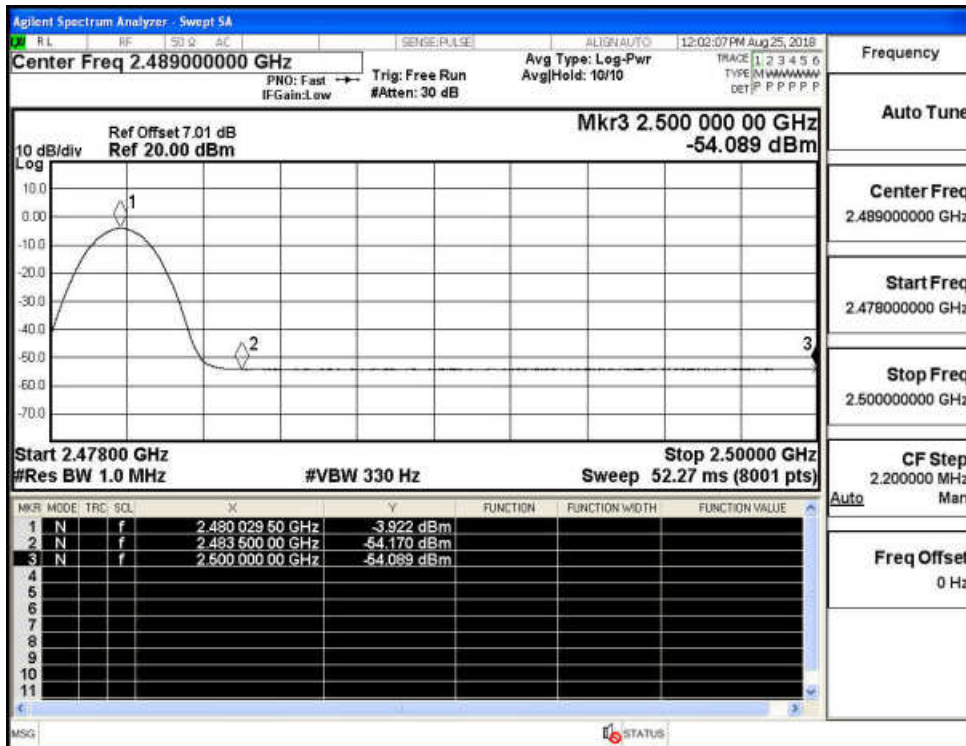
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



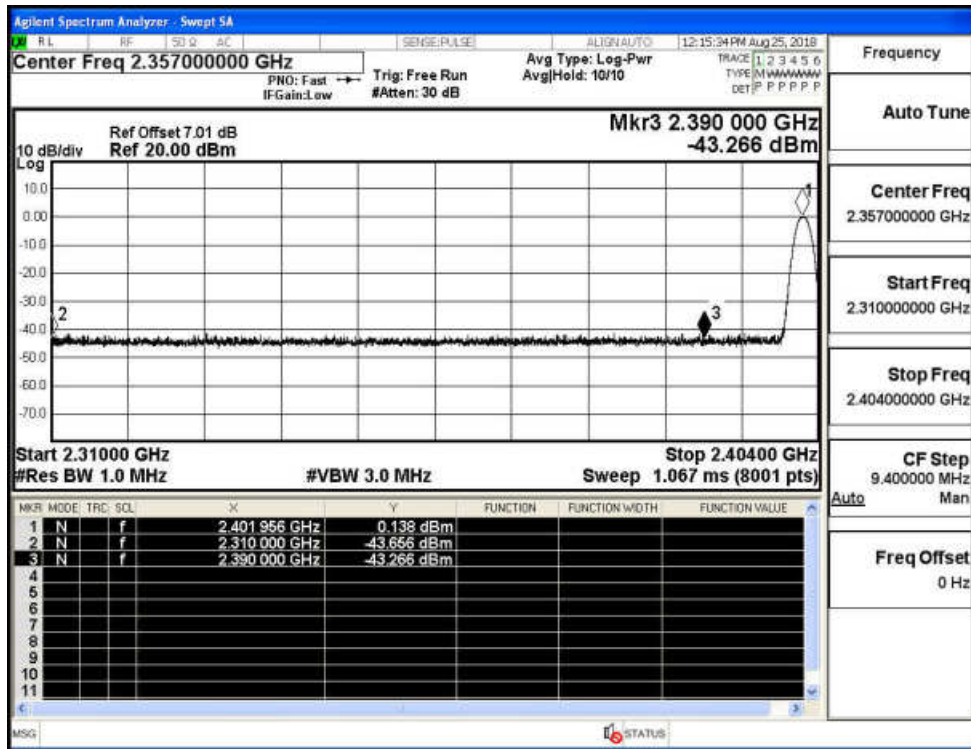
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



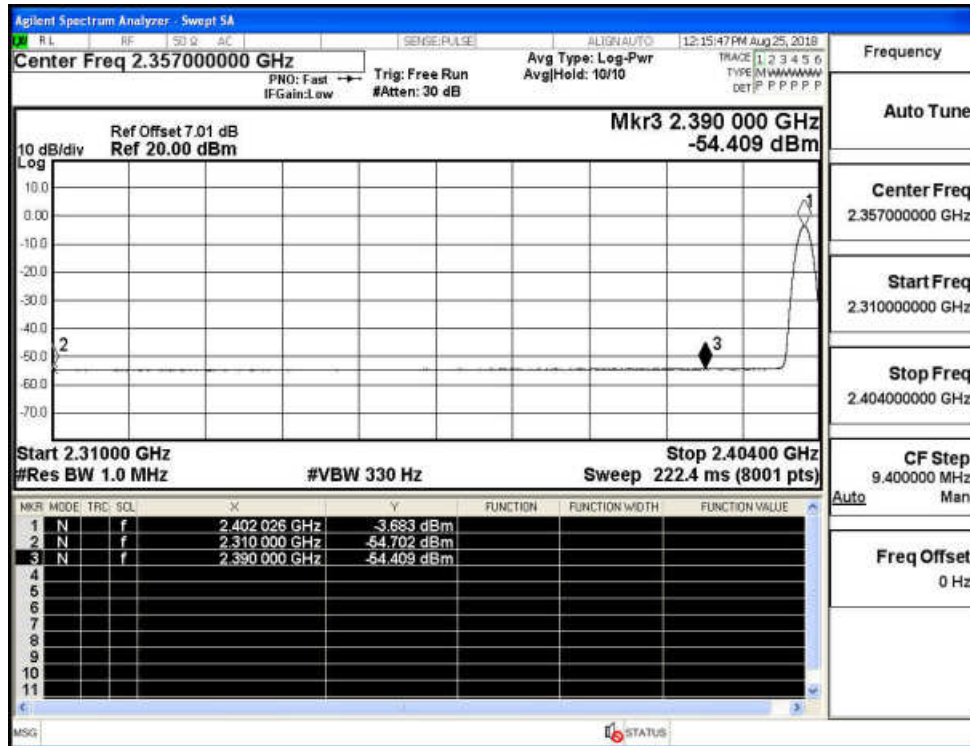
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



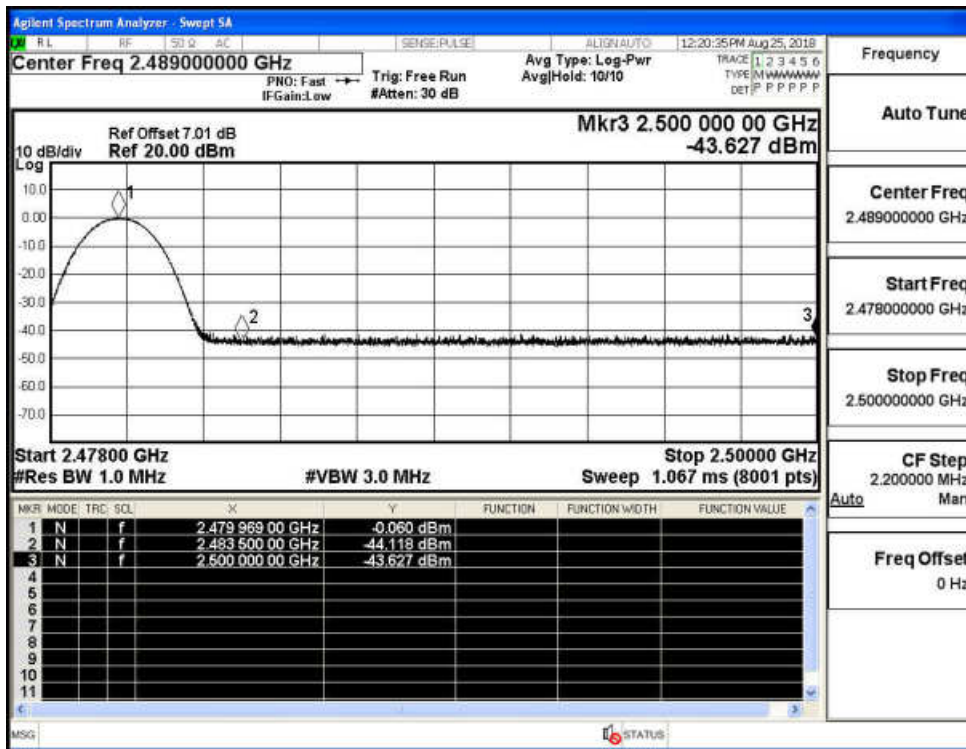
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (High Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (High Channel)

