

Appendix A

RF Test Data for BT V4.0(BDR/EDR) (Conducted Measurement)

Product Name: 14.1 inch laptop

Trade Mark: Hyundai

Test Model: HT14CCIC44EGH

Environmental Conditions

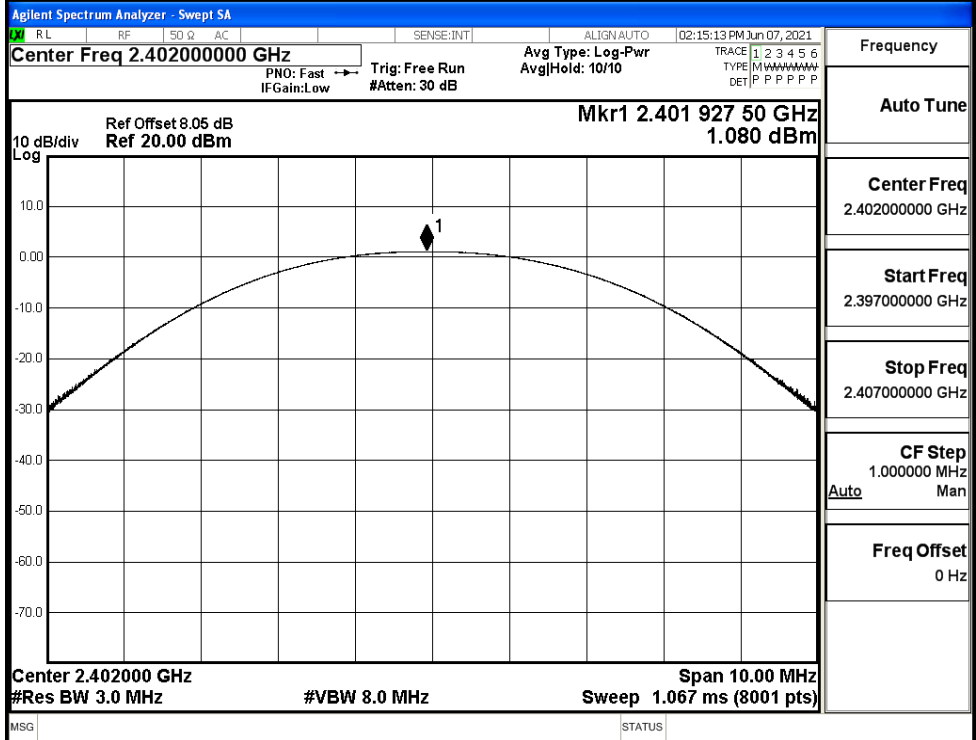
Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

A.1 Maxmum Conducted Peak Output Power

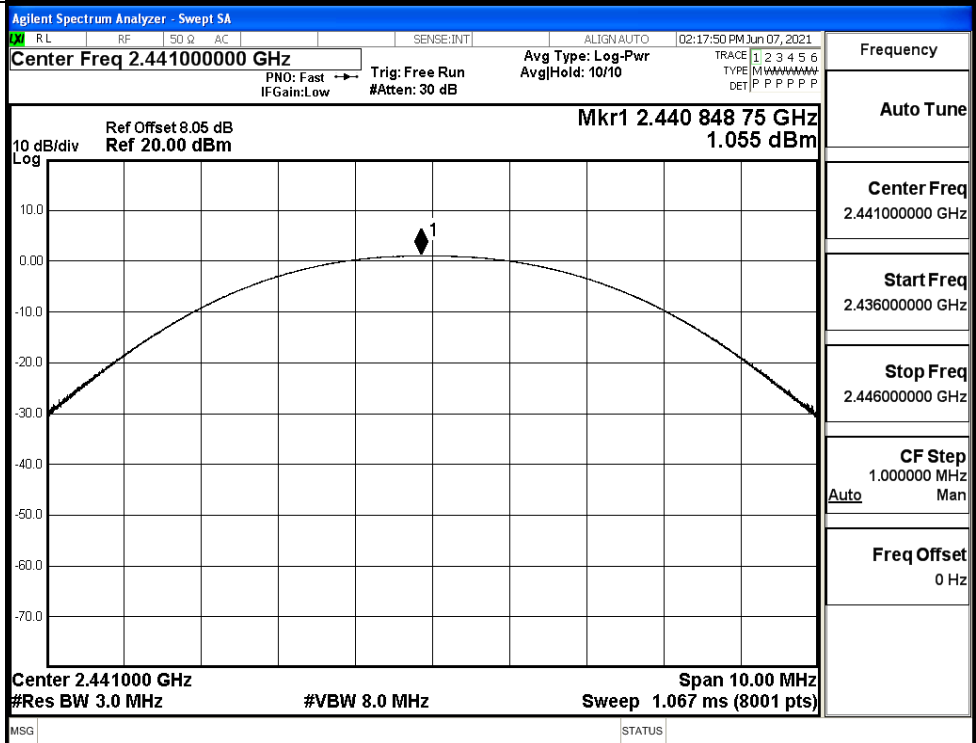
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	1.080	21	PASS
	MCH	1.055	21	PASS
	HCH	1.375	21	PASS
$\pi/4$ DQPSK	LCH	3.596	21	PASS
	MCH	3.733	21	PASS
	HCH	4.311	21	PASS
8DPSK	LCH	4.107	21	PASS
	MCH	4.354	21	PASS
	HCH	4.955	21	PASS

Test Graphs

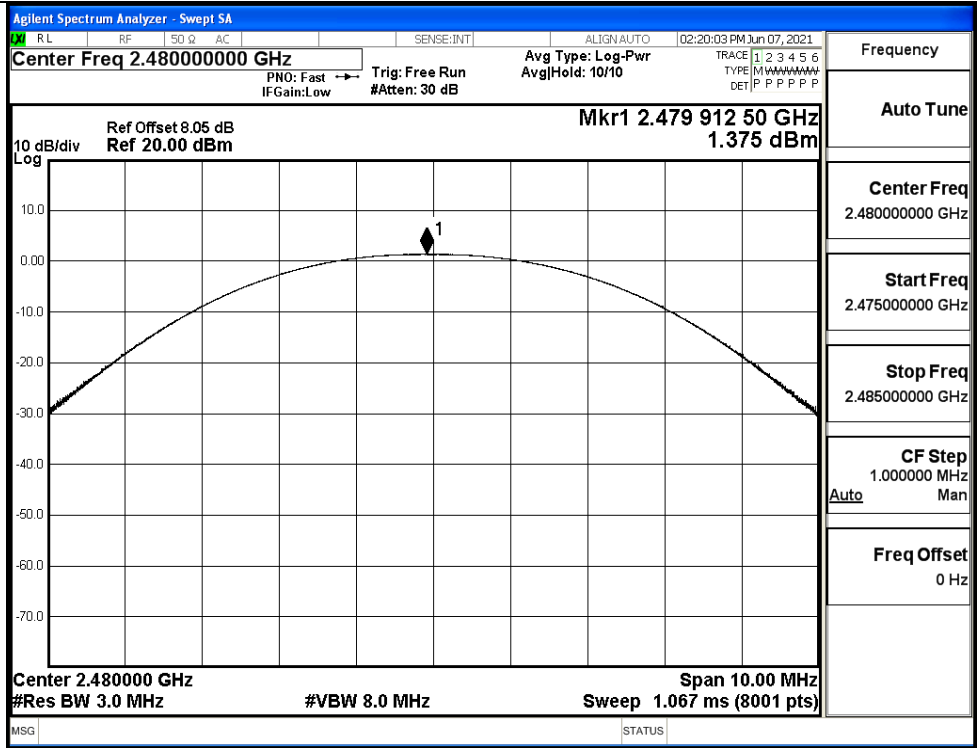
GFSK/LCH



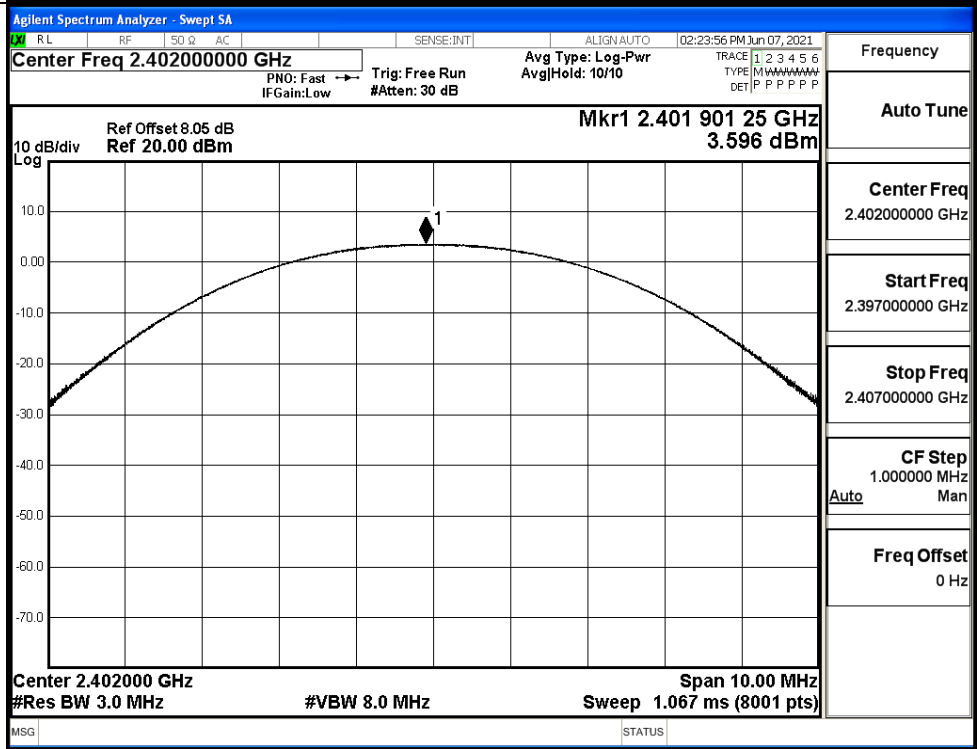
GFSK/MCH

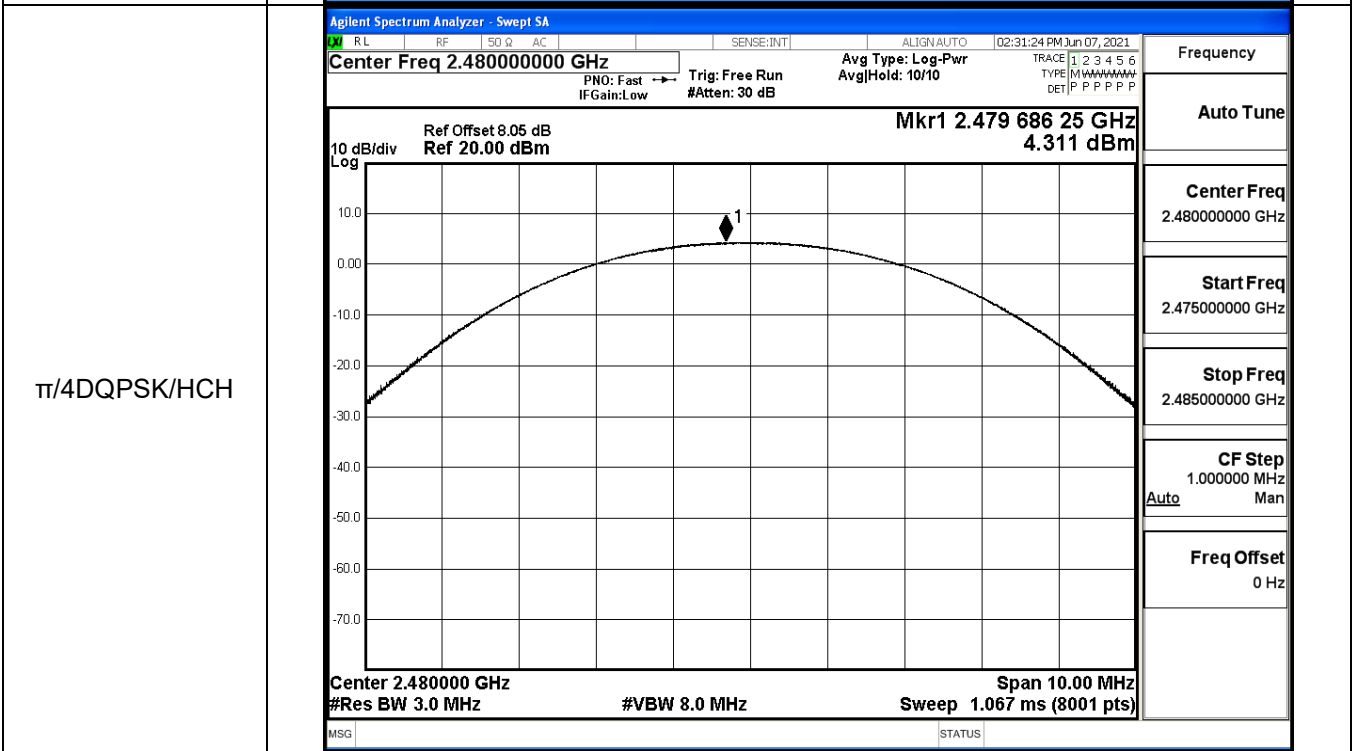
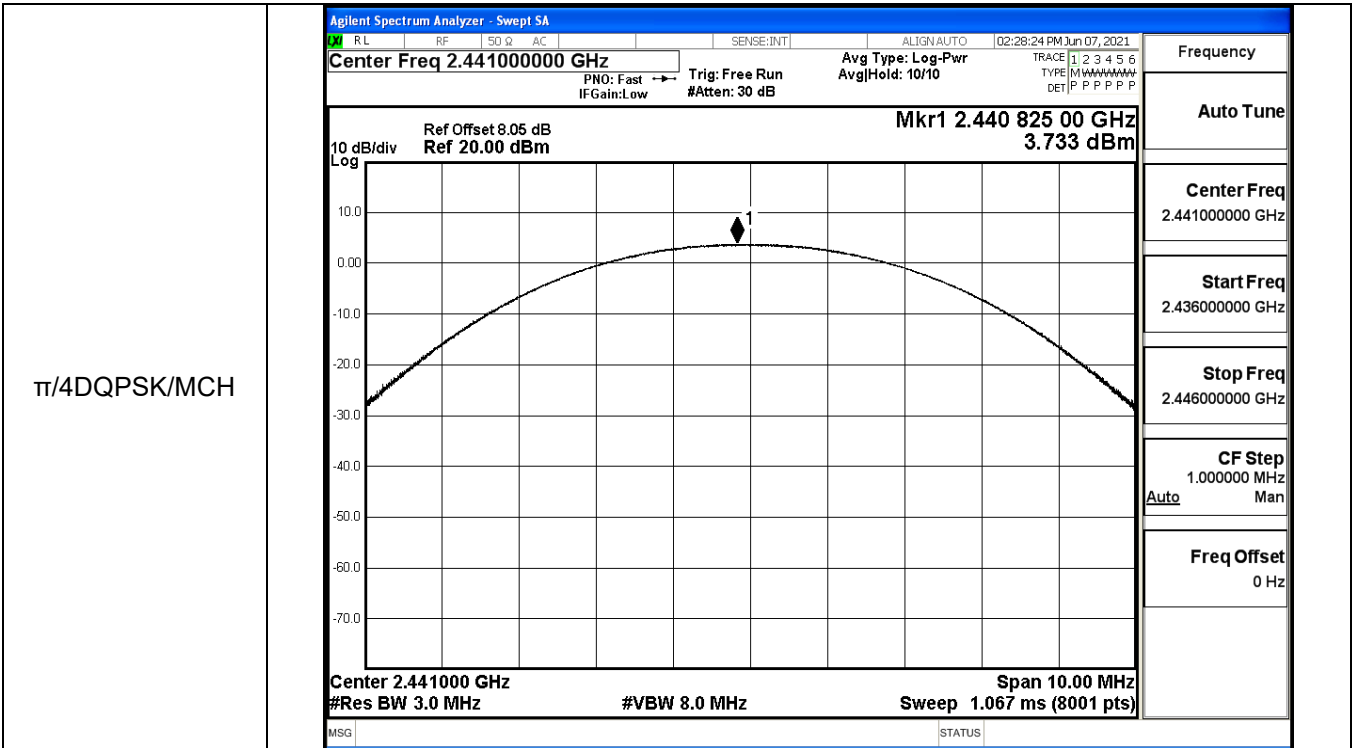


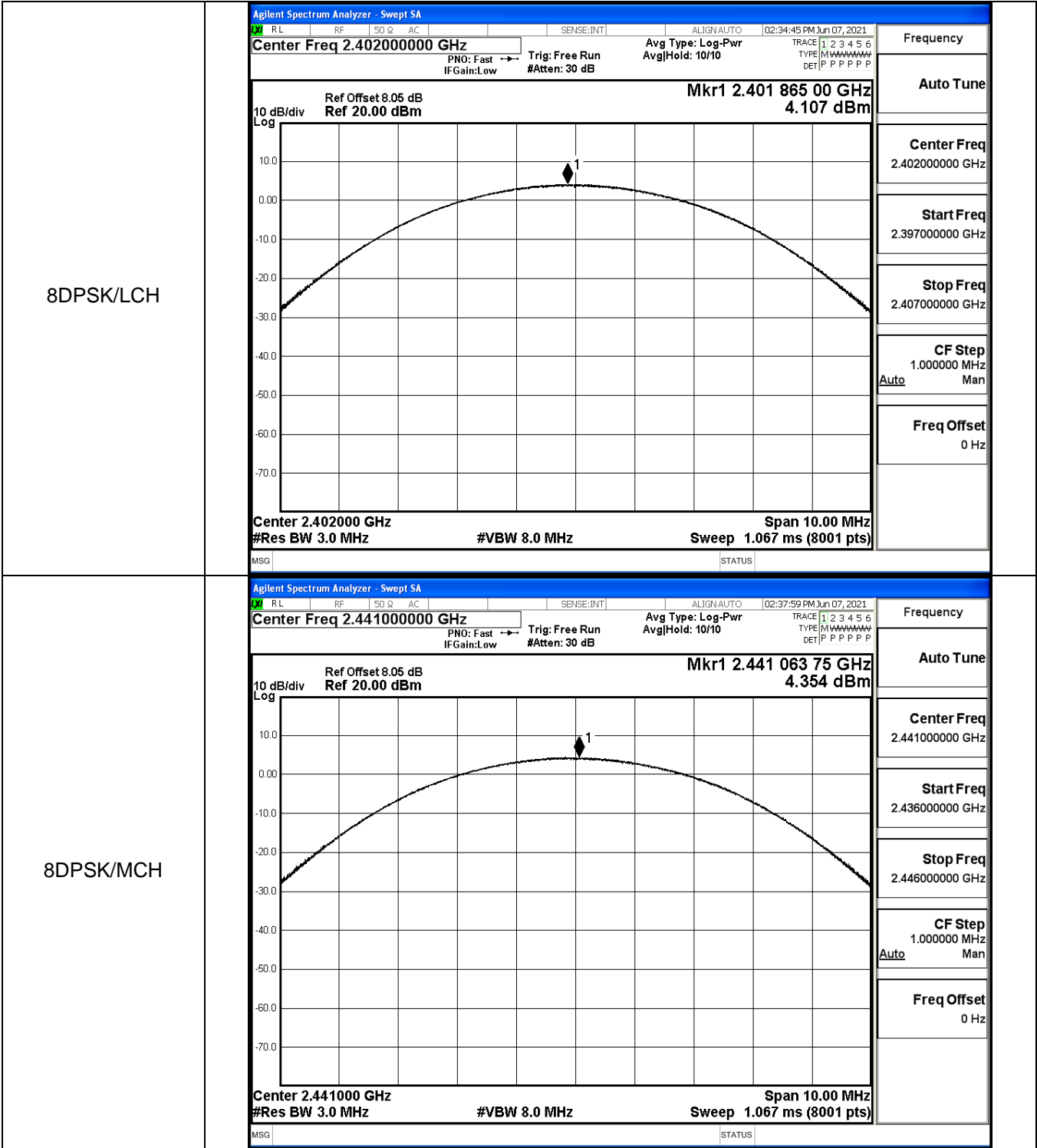
GFSK/HCH



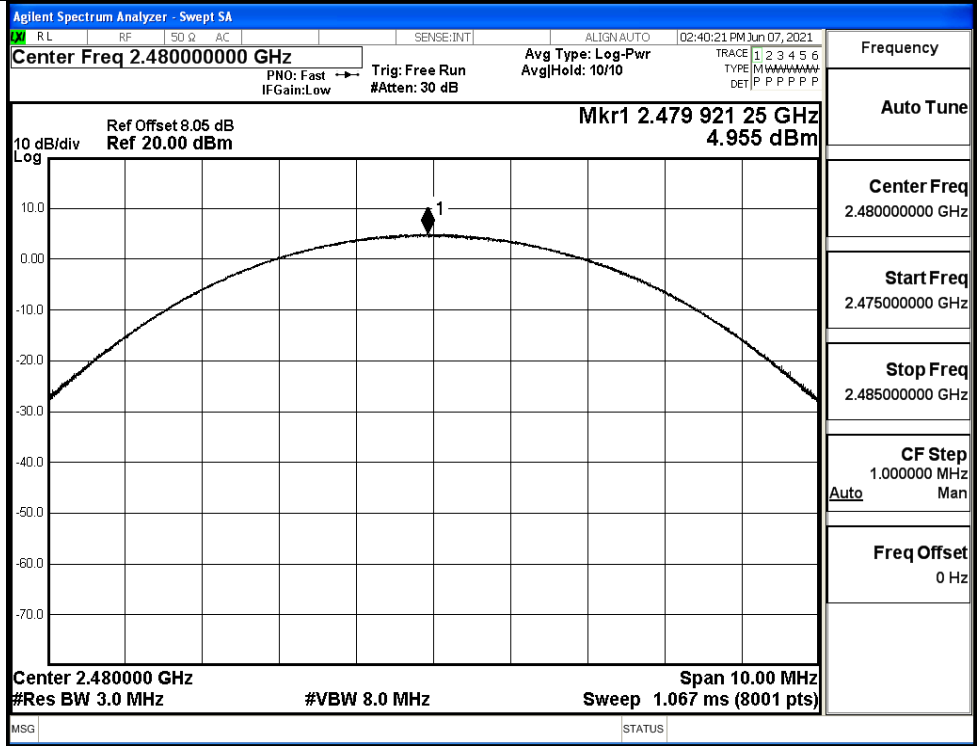
$\pi/4$ DQPSK/LCH





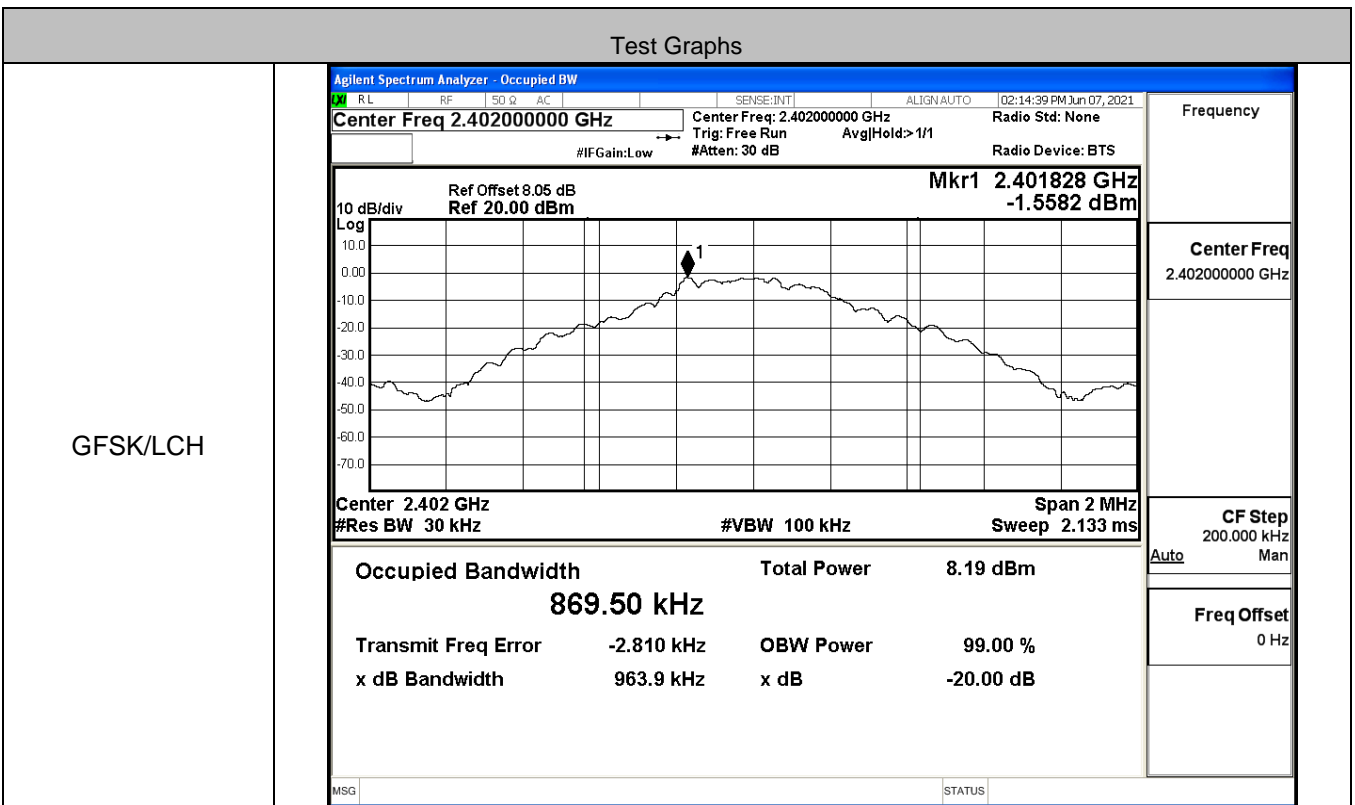


8DPSK/HCH



A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9639	Not Specified	PASS
	MCH	0.9618	Not Specified	PASS
	HCH	0.9607	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.282	Not Specified	PASS
	MCH	1.281	Not Specified	PASS
	HCH	1.284	Not Specified	PASS
8DPSK	LCH	1.300	Not Specified	PASS
	MCH	1.305	Not Specified	PASS
	HCH	1.301	Not Specified	PASS

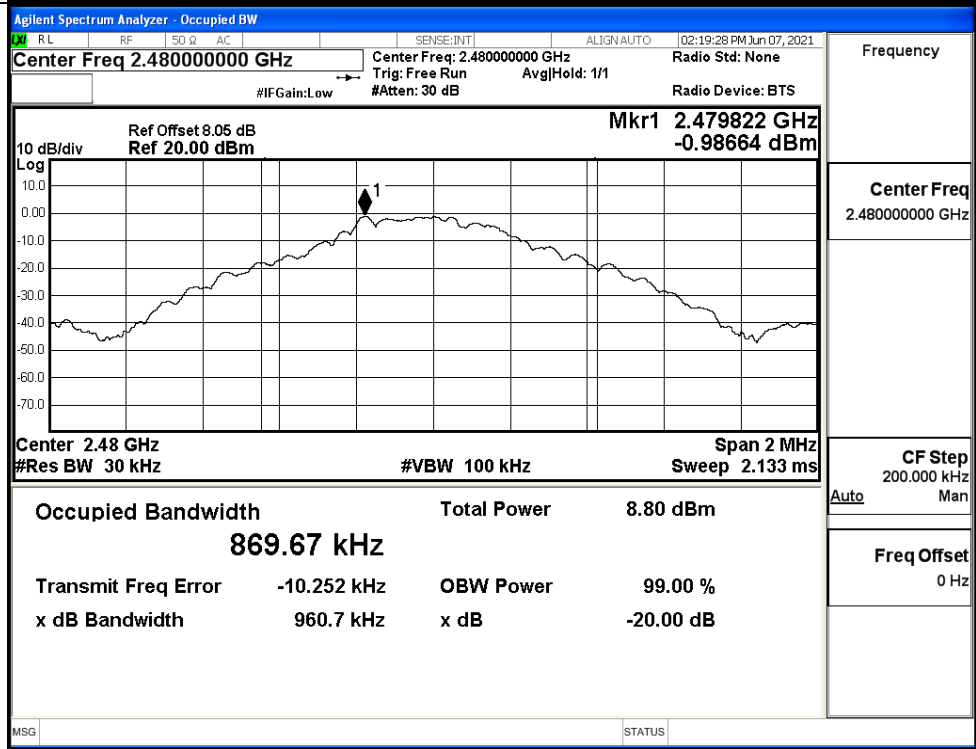


GFSK/MCH



Frequency	2.441000000 GHz
Center Freq	2.441000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

GFSK/HCH

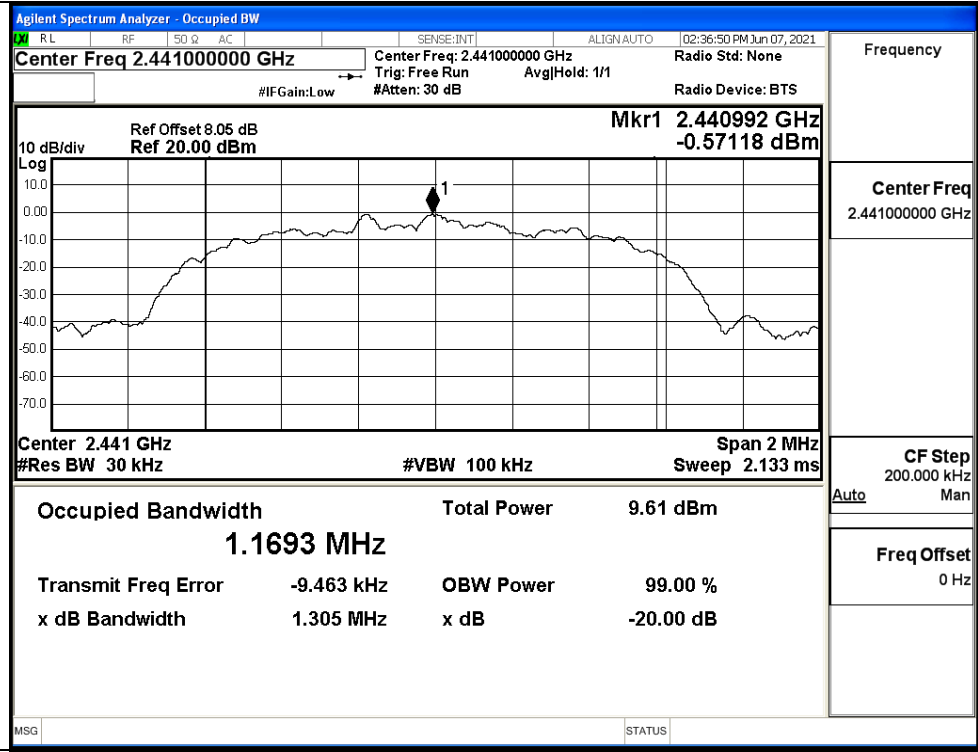


Frequency	2.480000000 GHz
Center Freq	2.480000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

<p style="text-align: center;">π/4DQPSK/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 Avg Hold: 1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.402156 GHz -0.35299 dBm</p> <p>Center 2.402 GHz #Res BW 30 kHz</p> <p>#VBW 100 kHz</p> <p>Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1602 MHz</p> <p>Total Power 9.20 dBm</p> <p>Transmit Freq Error -13.623 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 1.282 MHz</p> <p>x dB -20.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.40200000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>
	<p style="text-align: center;">π/4DQPSK/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 Avg Hold: >1/1</p> <p>Radio Std: None Radio Device: BTS</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.441152 GHz 0.22762 dBm</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 1.1613 MHz</p> <p>Total Power 9.67 dBm</p> <p>Transmit Freq Error -15.365 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 1.281 MHz</p> <p>x dB -20.00 dB</p>

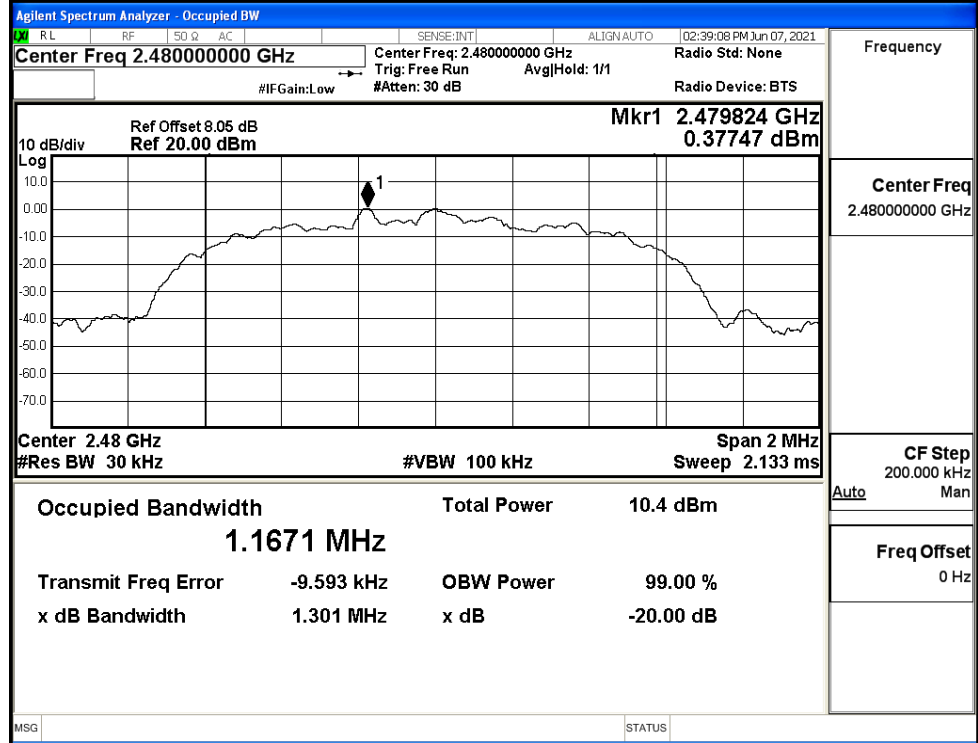
<p style="text-align: center;">π/4DQPSK/HCH</p>	<div style="border: 1px solid black; padding: 5px;"> <p>Agilent Spectrum Analyzer - Occupied BW</p> <table border="0" style="width: 100%; font-size: small;"> <tr> <td><input checked="" type="checkbox"/> RL</td> <td>RF</td> <td>50 Ω</td> <td>AC</td> <td>SENSE:INT</td> <td>ALIGN:AUTO</td> <td>02:29:42 PM Jun 07, 2021</td> </tr> </table> <p>Center Freq 2.48000000 GHz Center Freq: 2.48000000 GHz Radio Std: None Trig: Free Run Avg Hold>1/1</p> <p style="text-align: right;">Radio Device: BTS</p> <hr/> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.48016 GHz Ref 20.00 dBm 0.52896 dBm</p> <p>Center 2.48 GHz Span 2 MHz #Res BW 30 kHz #VBW 100 kHz Sweep 2.133 ms</p> <table border="0" style="width: 100%; font-size: small;"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>10.1 dBm</td> </tr> <tr> <td style="text-align: center;">1.1648 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>-15.191 kHz</td> <td>OBW Power 99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>1.284 MHz</td> <td>x dB -20.00 dB</td> </tr> </table> <p style="text-align: right; font-size: x-small;">MSG STATUS</p> </div>	<input checked="" type="checkbox"/> RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	02:29:42 PM Jun 07, 2021	Occupied Bandwidth	Total Power	10.1 dBm	1.1648 MHz			Transmit Freq Error	-15.191 kHz	OBW Power 99.00 %	x dB Bandwidth	1.284 MHz	x dB -20.00 dB	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Frequency</td> </tr> <tr> <td style="text-align: center;">Center Freq 2.48000000 GHz</td> </tr> <tr> <td style="text-align: center;">CF Step 200.000 kHz Auto Man</td> </tr> <tr> <td style="text-align: center;">Freq Offset 0 Hz</td> </tr> </table>	Frequency	Center Freq 2.48000000 GHz	CF Step 200.000 kHz Auto Man	Freq Offset 0 Hz
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8DPSK/MCH



Frequency	2.441000000 GHz
Center Freq	2.441000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

8DPSK/HCH

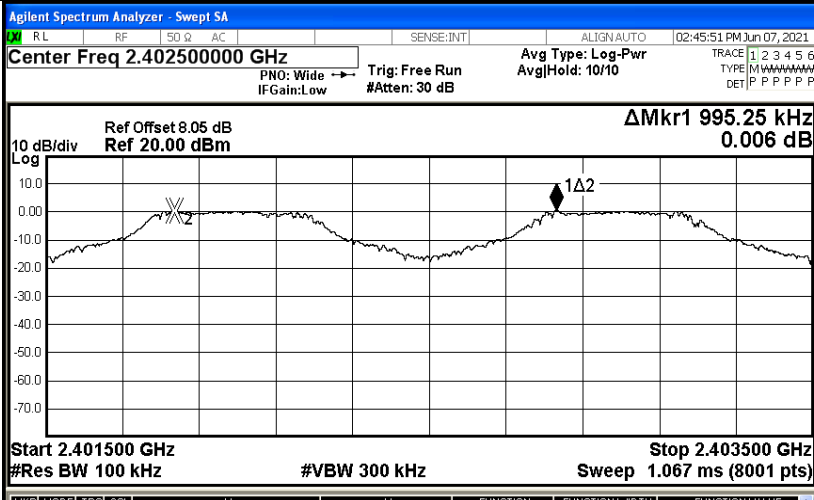


Frequency	2.480000000 GHz
Center Freq	2.480000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

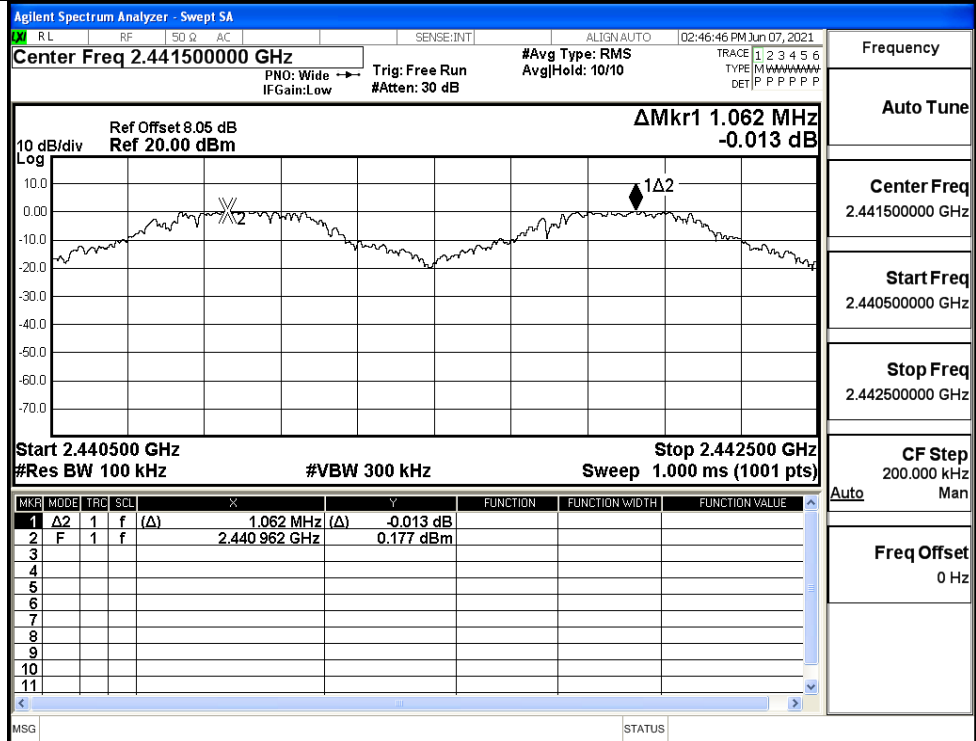
A.3 Carrier Frequency Separation

Mode	Channel	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.995	0.643	PASS
	MCH	1.062	0.643	PASS
	HCH	0.976	0.643	PASS
π/4DQPSK	LCH	0.998	0.856	PASS
	MCH	1.152	0.856	PASS
	HCH	0.994	0.856	PASS
8DPSK	LCH	1.002	0.870	PASS
	MCH	1.208	0.870	PASS
	HCH	1.300	0.870	PASS

Test Graphs

GFSK/LCH		Frequency 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																																																																																																											
	Agilent Spectrum Analyzer - Swept SA Center Freq 2.402500000 GHz PNO: Wide → Trig: Free Run Avg Type: Log-Pwr IFGain: Low #Atten: 30 dB AvgHold: 10/10 Ref Offset 8.05 dB ΔMkr1 995.25 kHz Ref 20.00 dBm 0.006 dB																																																																																																												
	Start 2.401500 GHz Stop 2.403500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.067 ms (8001 pts)																																																																																																												
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>Δ2</td> <td>1</td> <td>f</td> <td>(Δ)</td> <td>995.25 kHz (Δ)</td> <td></td> <td></td> <td>0.006 dB</td> </tr> <tr> <td>2</td> <td>F</td> <td>1</td> <td>f</td> <td></td> <td>2.40183550 GHz</td> <td></td> <td></td> <td>0.465 dBm</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	1	f	(Δ)	995.25 kHz (Δ)			0.006 dB	2	F	1	f		2.40183550 GHz			0.465 dBm	3									4									5									6									7									8									9									10									11								
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GFSK/MCH



Frequency

Auto Tune

Center Freq

2.441500000 GHz

Start Freq

2.440500000 GHz

Stop Freq

2.442500000 GHz

CF Step

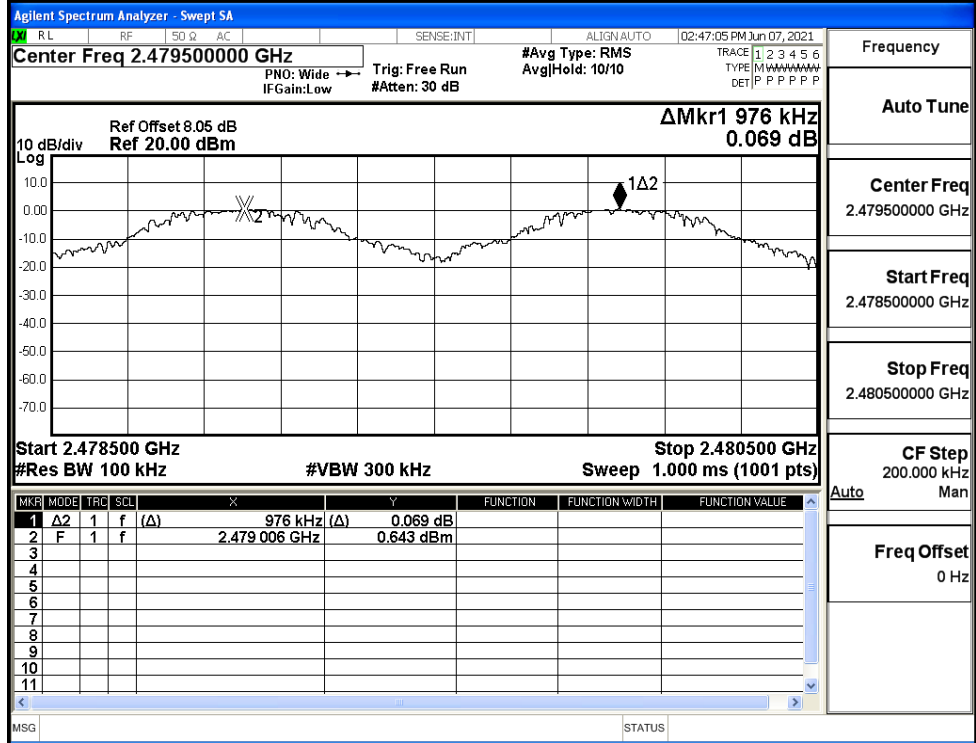
200.000 kHz

Auto

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

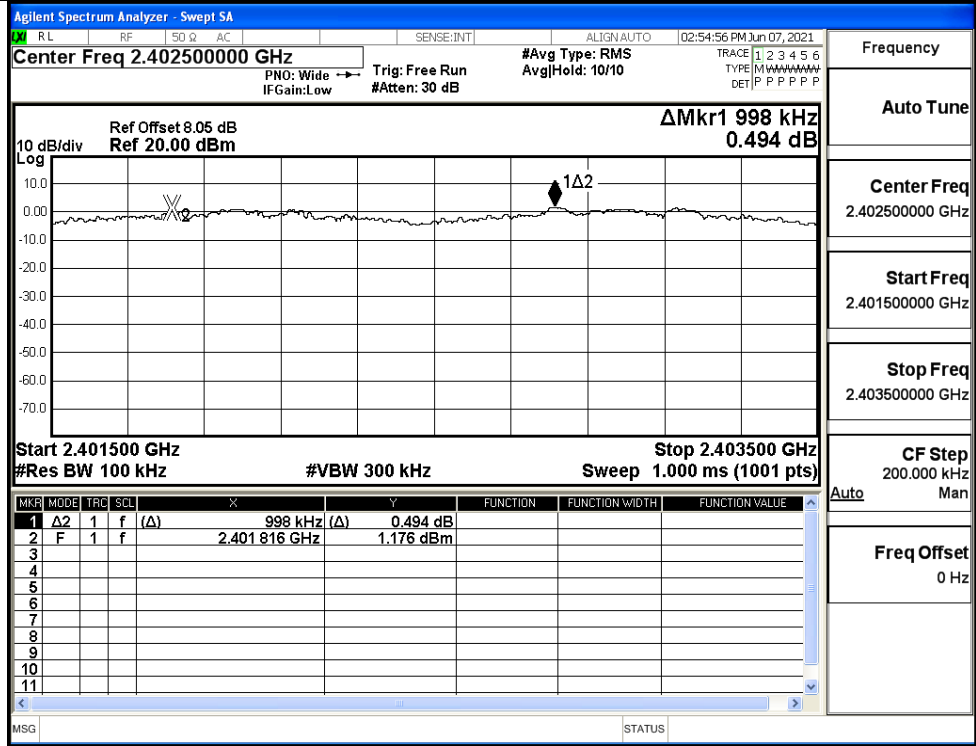
200.000 kHz

Auto

Freq Offset

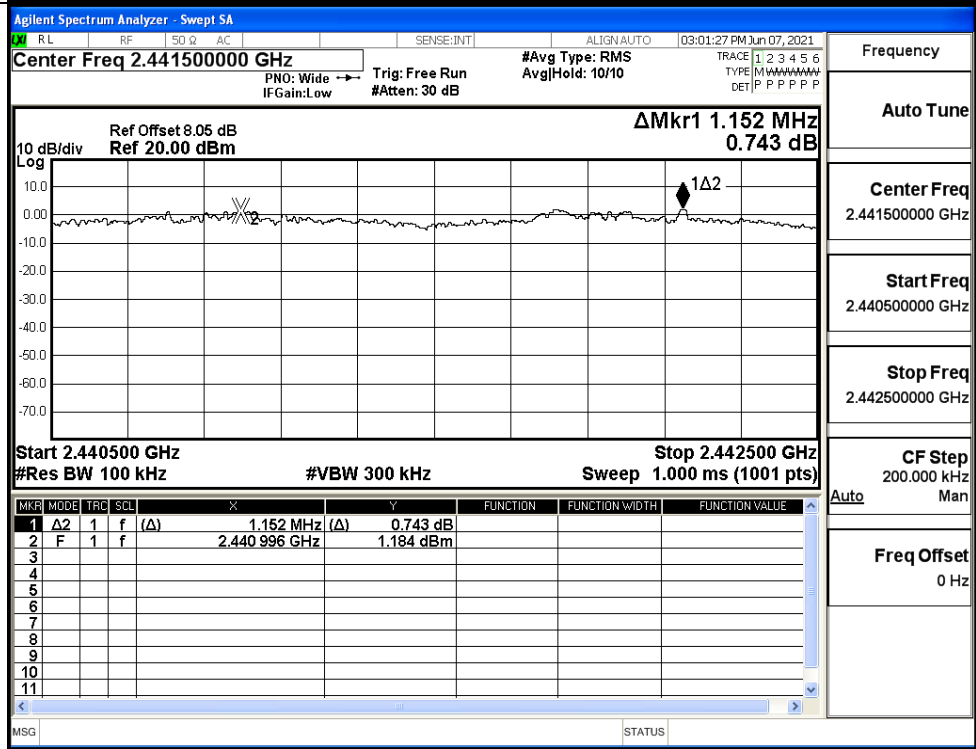
0 Hz

$\pi/4$ DQPSK/LCH



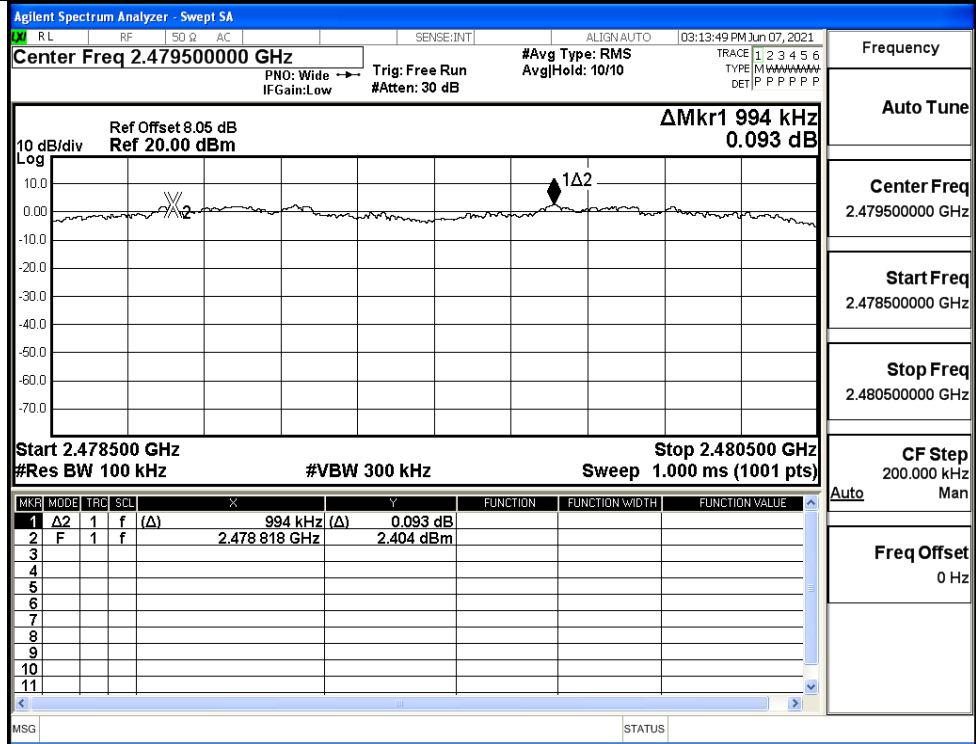
Frequency	2.402500000 GHz
Auto Tune	
Center Freq	2.402500000 GHz
Start Freq	2.401500000 GHz
Stop Freq	2.403500000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK/MCH

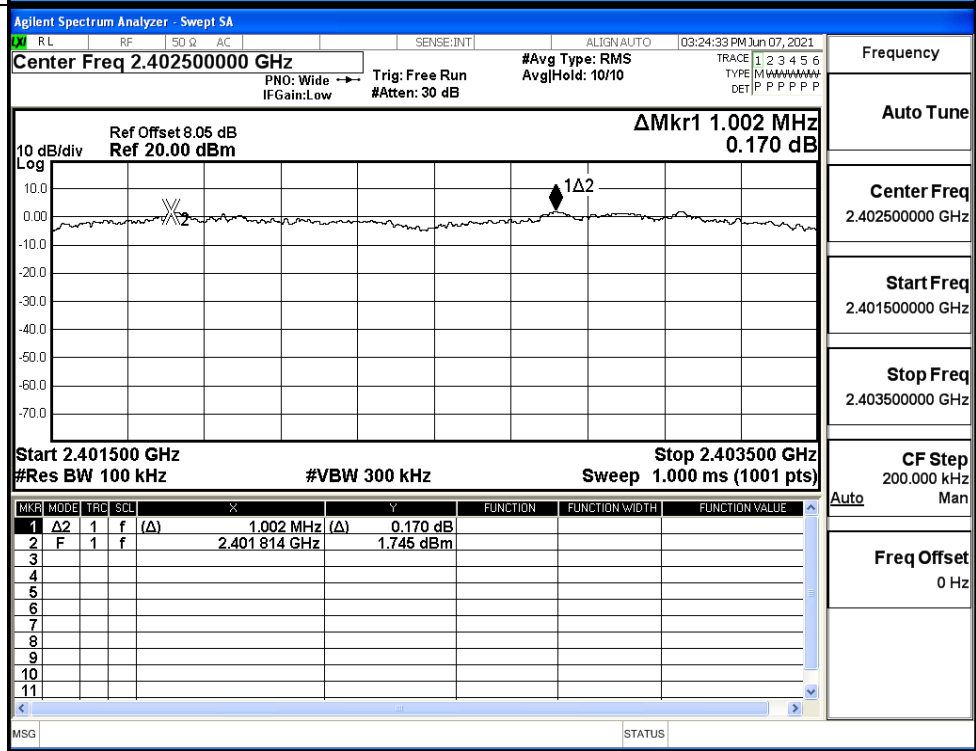


Frequency	2.441500000 GHz
Auto Tune	
Center Freq	2.441500000 GHz
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CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

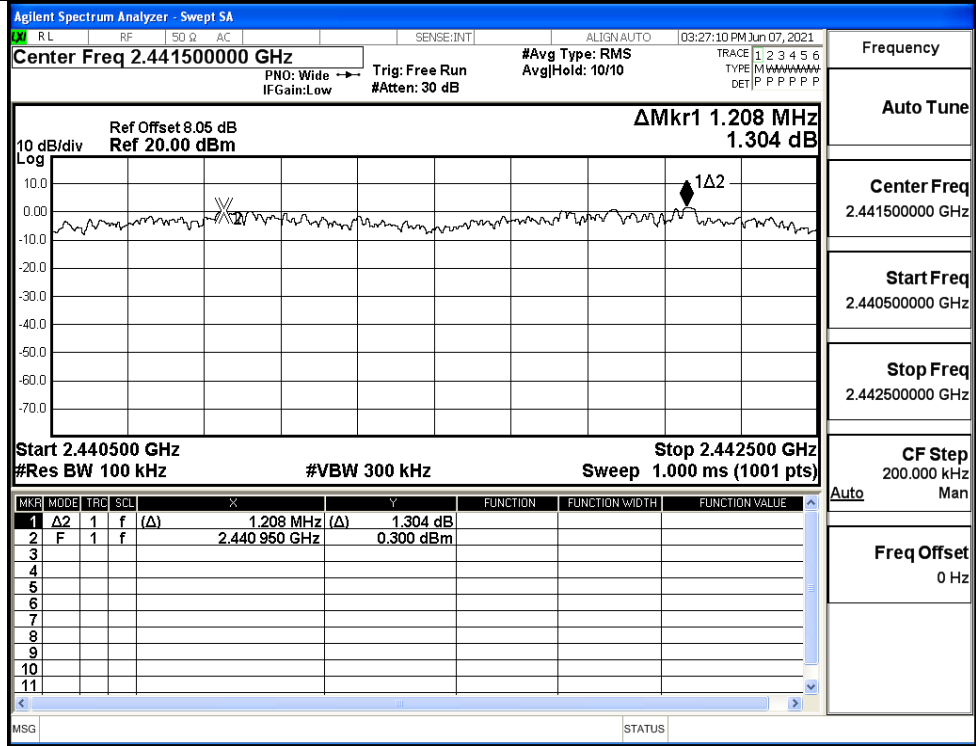
π/4DQPSK/HCH



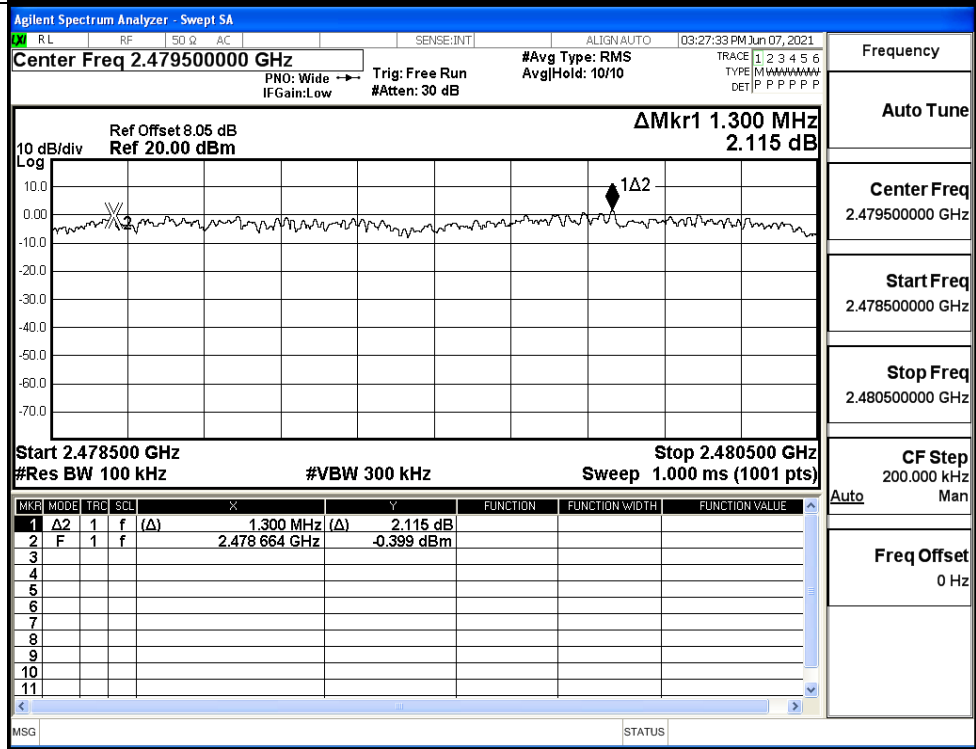
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH



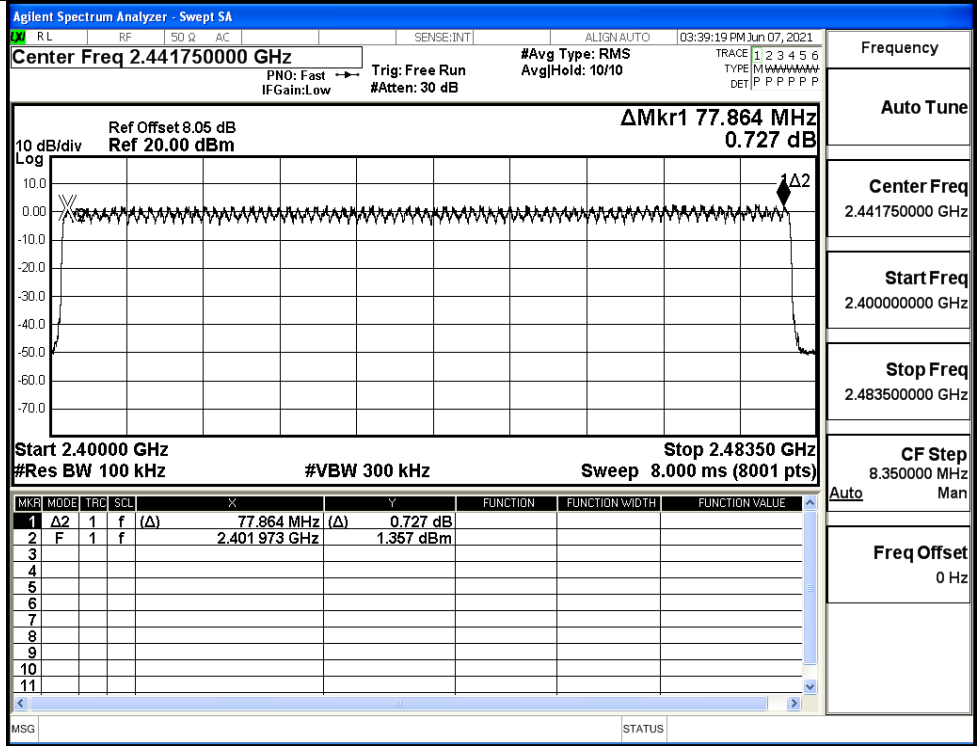
A.4 Hopping Channel Number

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

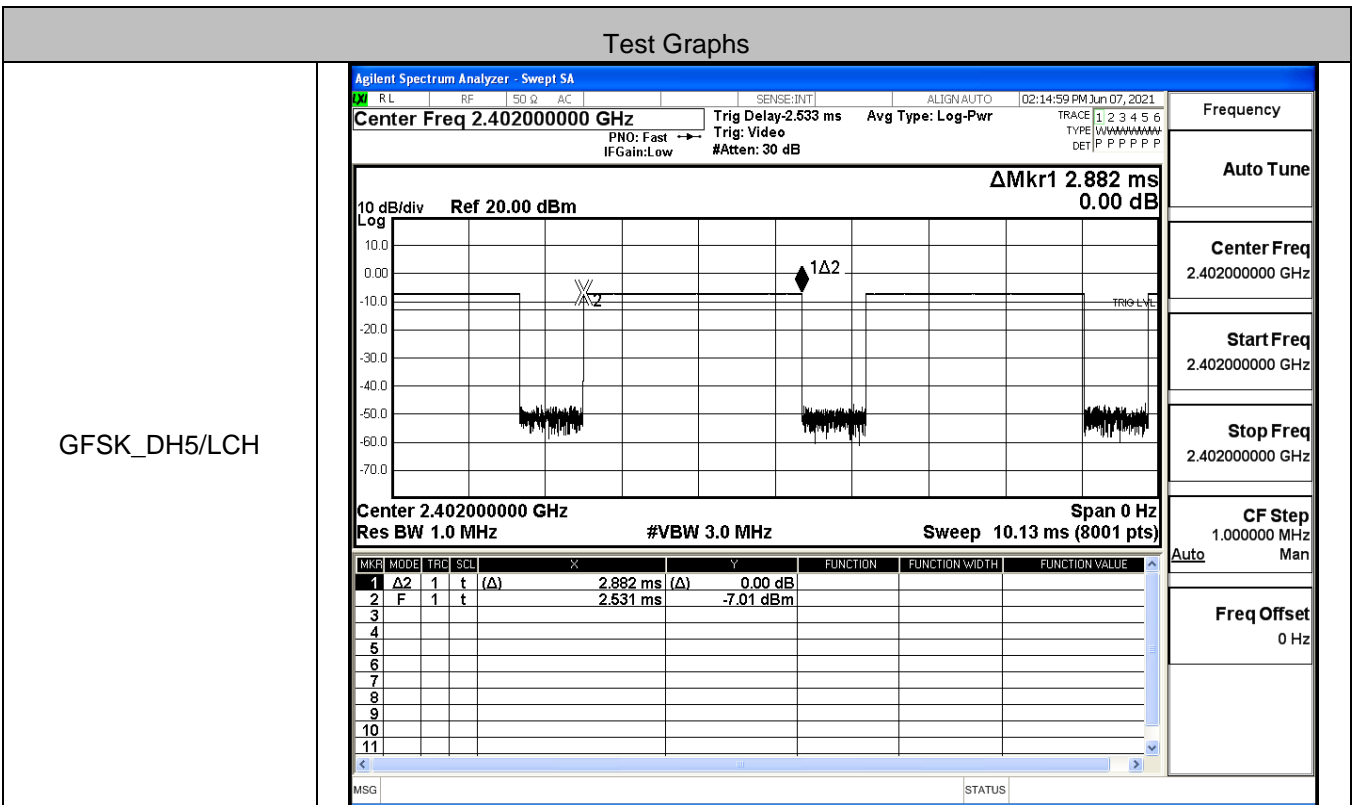
GFSK/Hop	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.441750000 GHz Ref Offset 8.05 dB Ref 20.00 dBm ΔMkr1 78.052 MHz 0.617 dB Start 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.48350 GHz Sweep 8.000 ms (8001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <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>Δ2</td> <td>1</td> <td>f</td> <td>(Δ)</td> <td>78.052 MHz</td> <td>(Δ)</td> <td></td> <td>0.617 dB</td> </tr> <tr> <td>2</td> <td>F</td> <td>1</td> <td>f</td> <td></td> <td>2.402 046 GHz</td> <td></td> <td></td> <td>0.063 dBm</td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ 2	1	f	(Δ)	78.052 MHz	(Δ)		0.617 dB	2	F	1	f		2.402 046 GHz			0.063 dBm	Frequency Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step 8.350000 MHz Man Freq Offset 0 Hz
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$\pi/4$ DQPSK/Hop	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.441750000 GHz Ref Offset 8.05 dB Ref 20.00 dBm ΔMkr1 77.853 MHz 0.838 dB Start 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.48350 GHz Sweep 8.000 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>Δ2</td> <td>1</td> <td>f</td> <td>(Δ)</td> <td>77.853 MHz</td> <td>(Δ)</td> <td></td> <td>0.838 dB</td> </tr> <tr> <td>2</td> <td>F</td> <td>1</td> <td>f</td> <td></td> <td>2.402 161 GHz</td> <td></td> <td></td> <td>1.271 dBm</td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ 2	1	f	(Δ)	77.853 MHz	(Δ)		0.838 dB	2	F	1	f		2.402 161 GHz			1.271 dBm	Frequency Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step 8.350000 MHz Man Freq Offset 0 Hz
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8DPSK/Hop

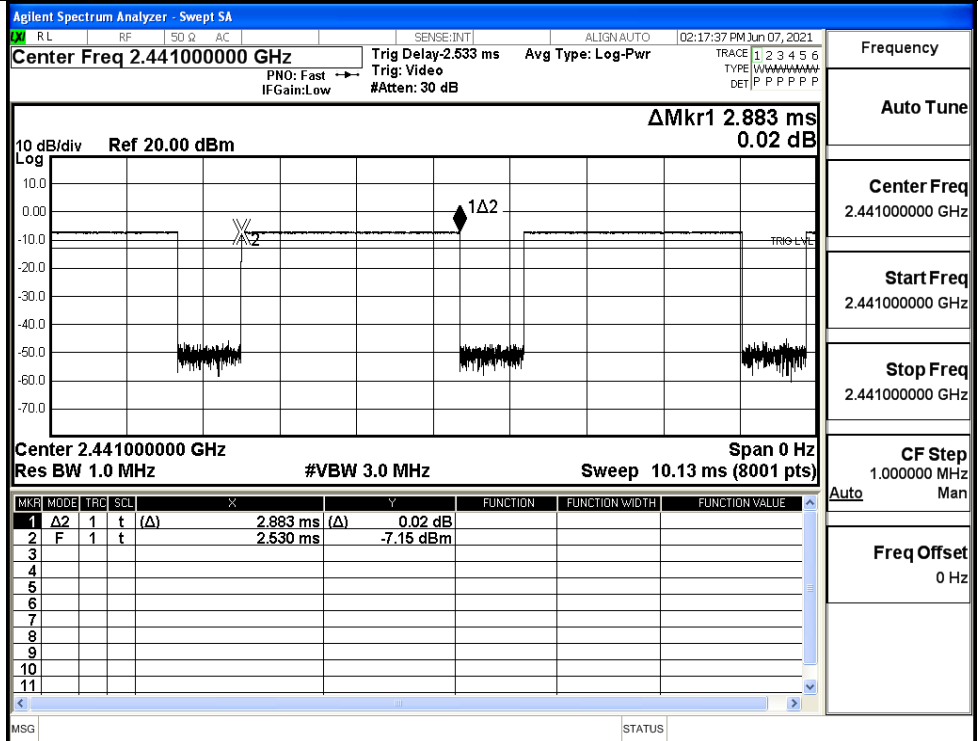


A.5 Dwell Time

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
π/4DQPSK	2DH5	LCH	2.88	106.7	0.308	0.4	PASS
	2DH5	MCH	2.88	106.7	0.308	0.4	PASS
	2DH5	HCH	2.88	106.7	0.015	0.4	PASS
8DPSK	3DH5	LCH	2.88	106.7	0.015	0.4	PASS
	3DH5	MCH	2.88	106.7	0.015	0.4	PASS
	3DH5	HCH	2.88	106.7	0.308	0.4	PASS

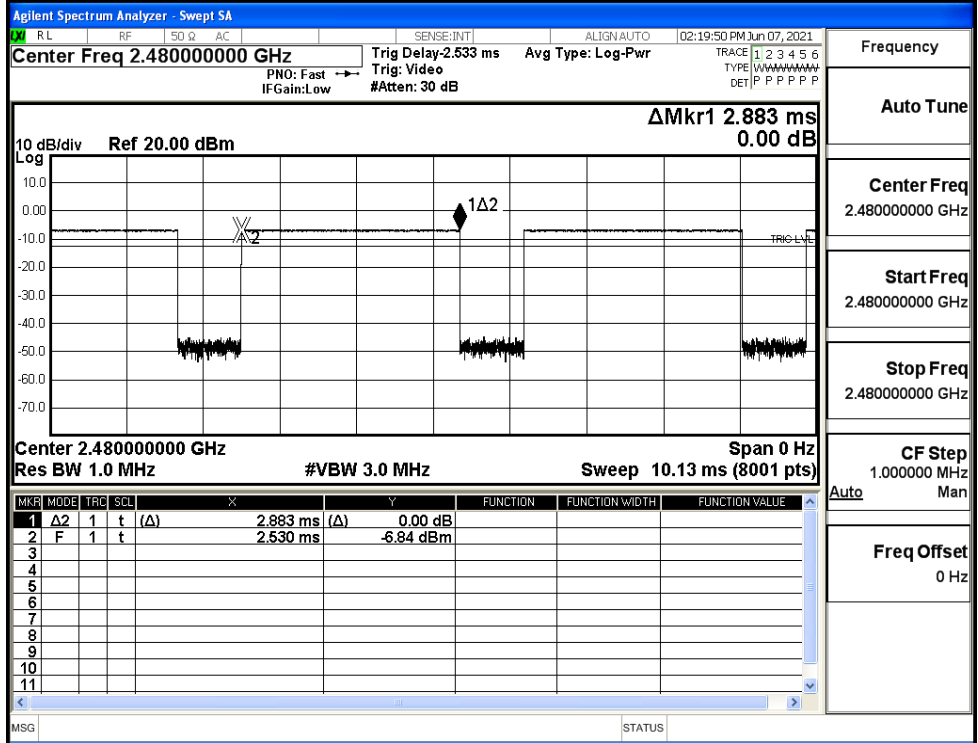


GFSK_DH5/MCH



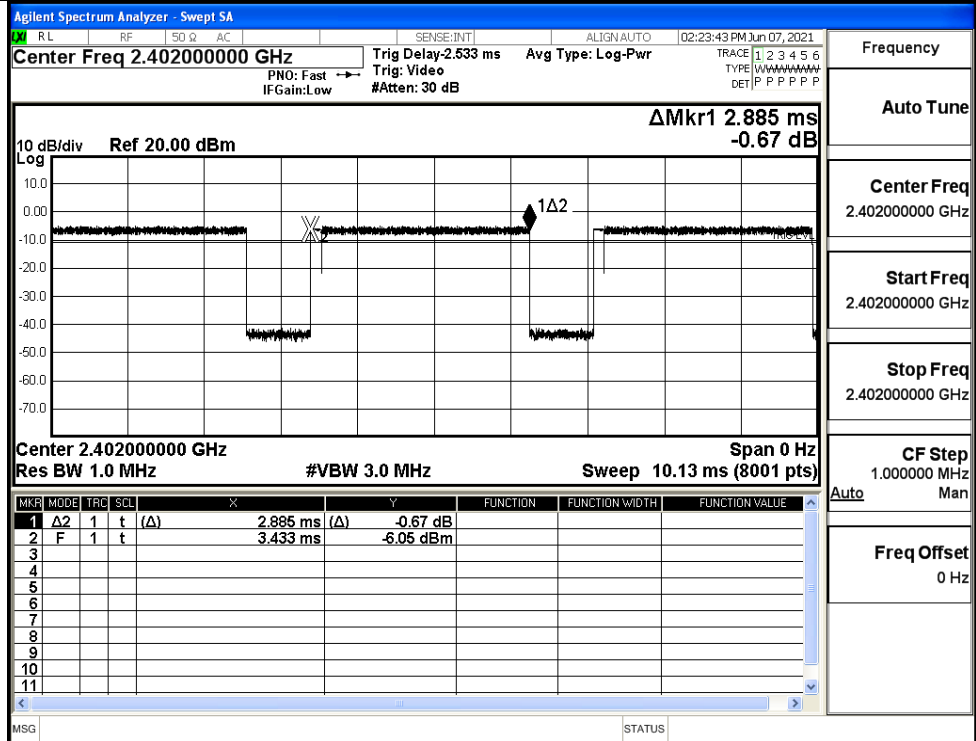
Frequency	
Auto Tune	
Center Freq	2.441000000 GHz
Start Freq	2.441000000 GHz
Stop Freq	2.441000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

GFSK_DH5/HCH

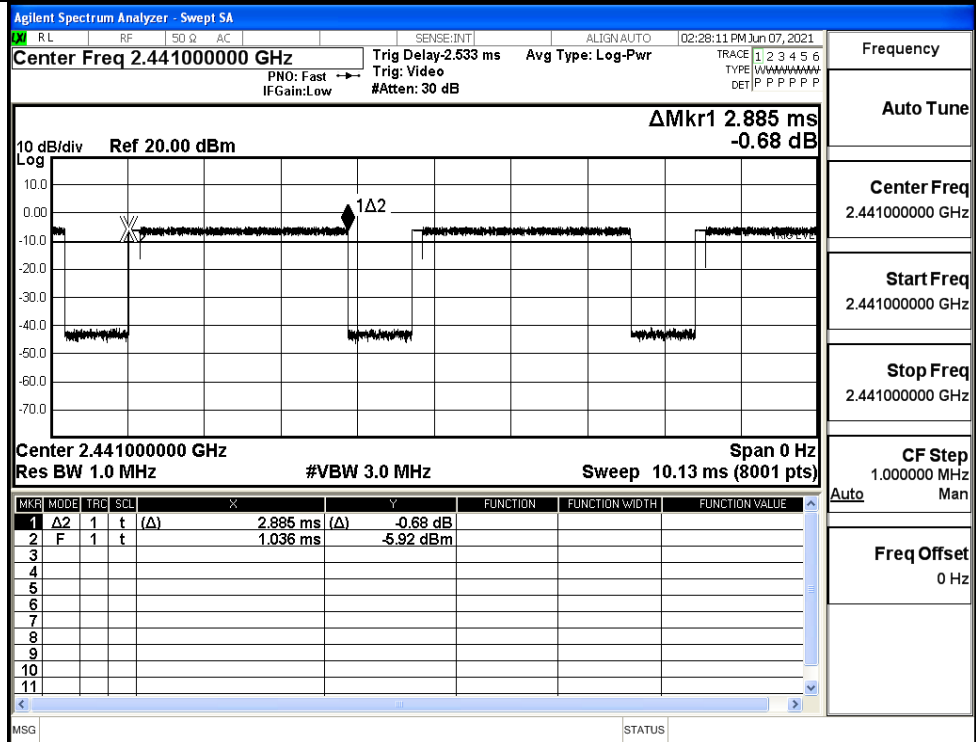


Frequency	
Auto Tune	
Center Freq	2.480000000 GHz
Start Freq	2.480000000 GHz
Stop Freq	2.480000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

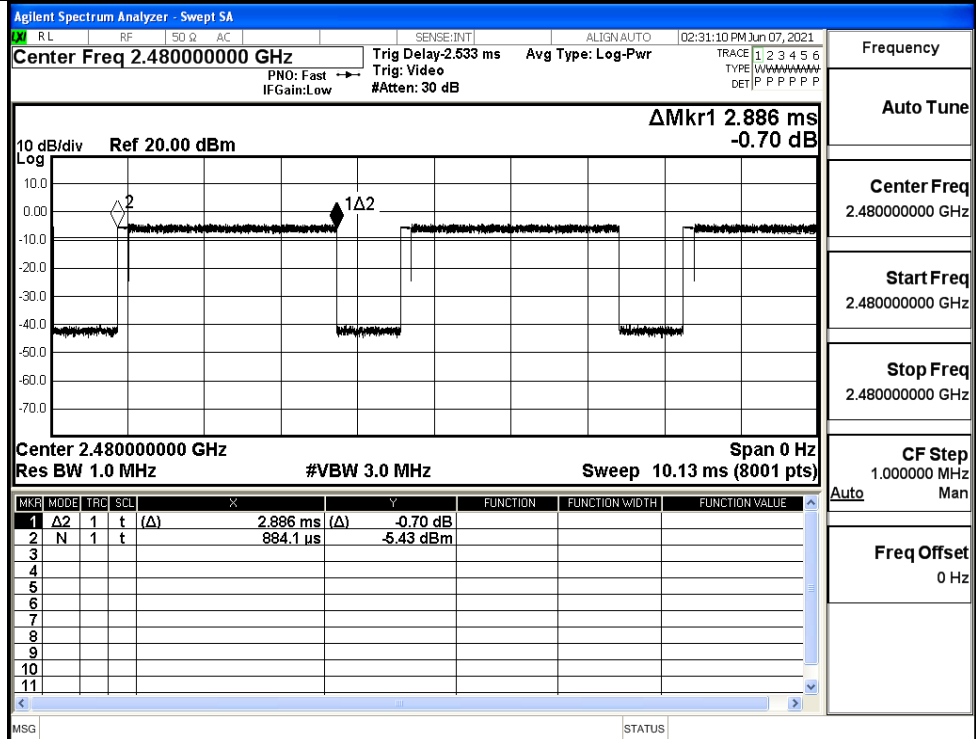
$\pi/4$ DQPSK
_2DH5/LCH



$\pi/4$ DQPSK
_2DH5/MCH

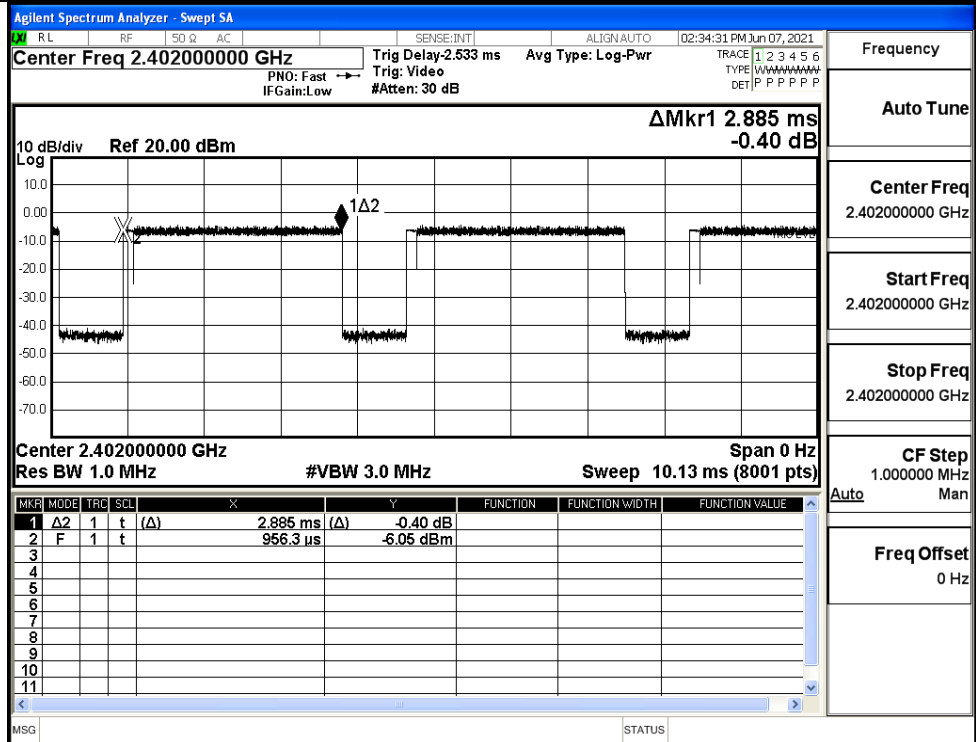


$\pi/4$ DQPSK
_2DH5/HCH



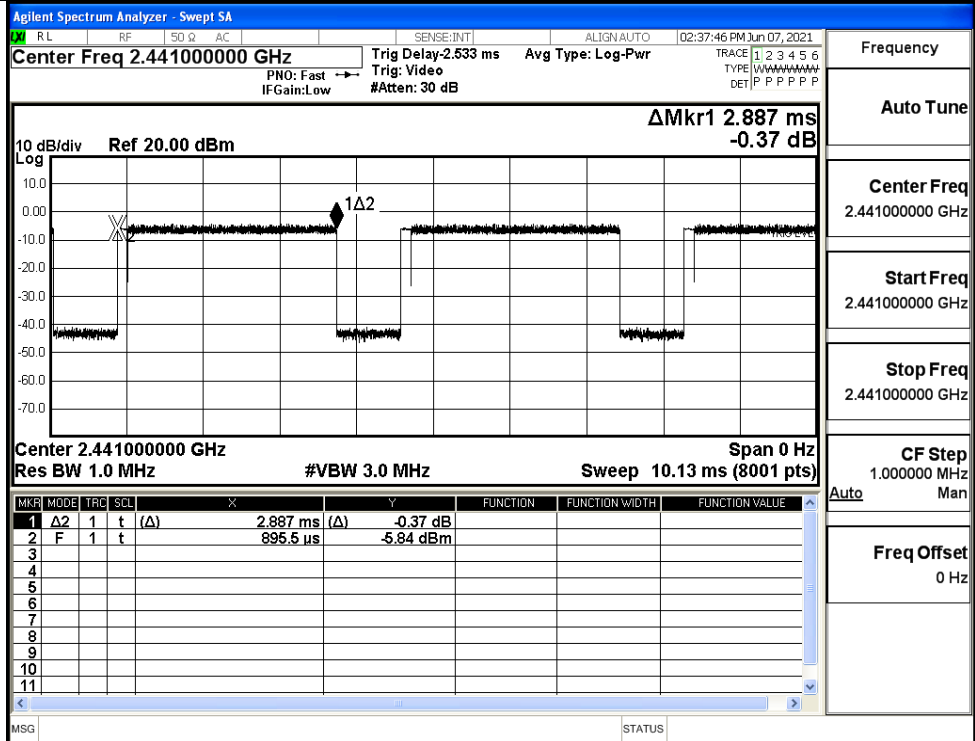
Frequency	
Auto Tune	
Center Freq	2.480000000 GHz
Start Freq	2.480000000 GHz
Stop Freq	2.480000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK_3DH5/LCH



Frequency	
Auto Tune	
Center Freq	2.402000000 GHz
Start Freq	2.402000000 GHz
Stop Freq	2.402000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK_3DH5/MCH



Frequency

Auto Tune

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

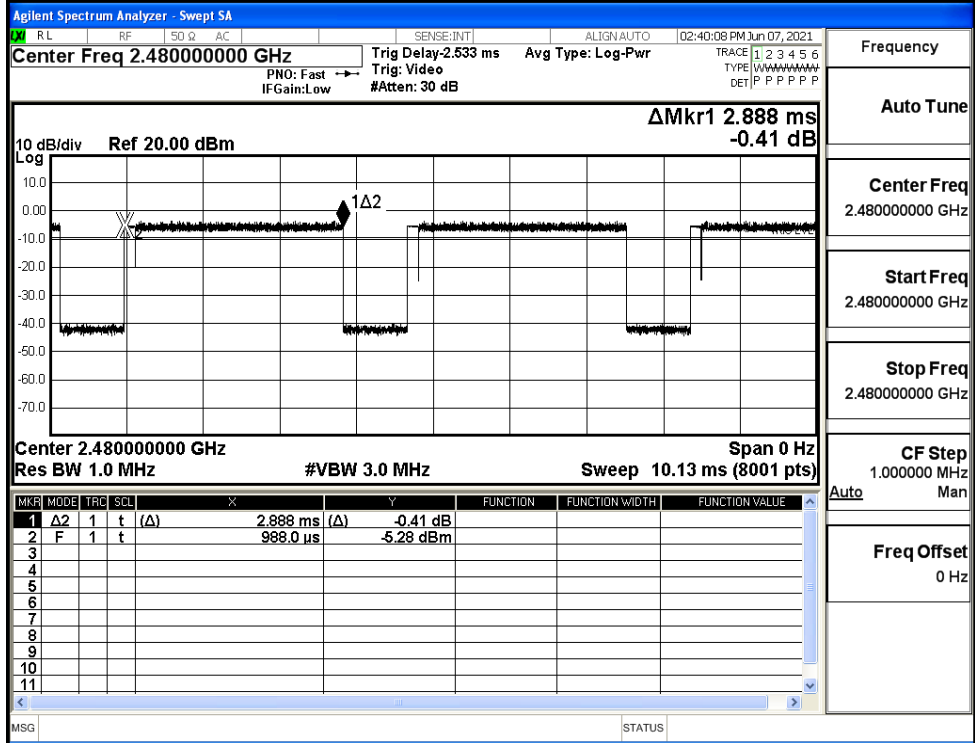
Stop Freq 2.441000000 GHz

CF Step 1.000000 MHz

Auto Man

Freq Offset 0 Hz

8DPSK_3DH5/HCH



Frequency

Auto Tune

Center Freq 2.480000000 GHz

Start Freq 2.480000000 GHz

Stop Freq 2.480000000 GHz

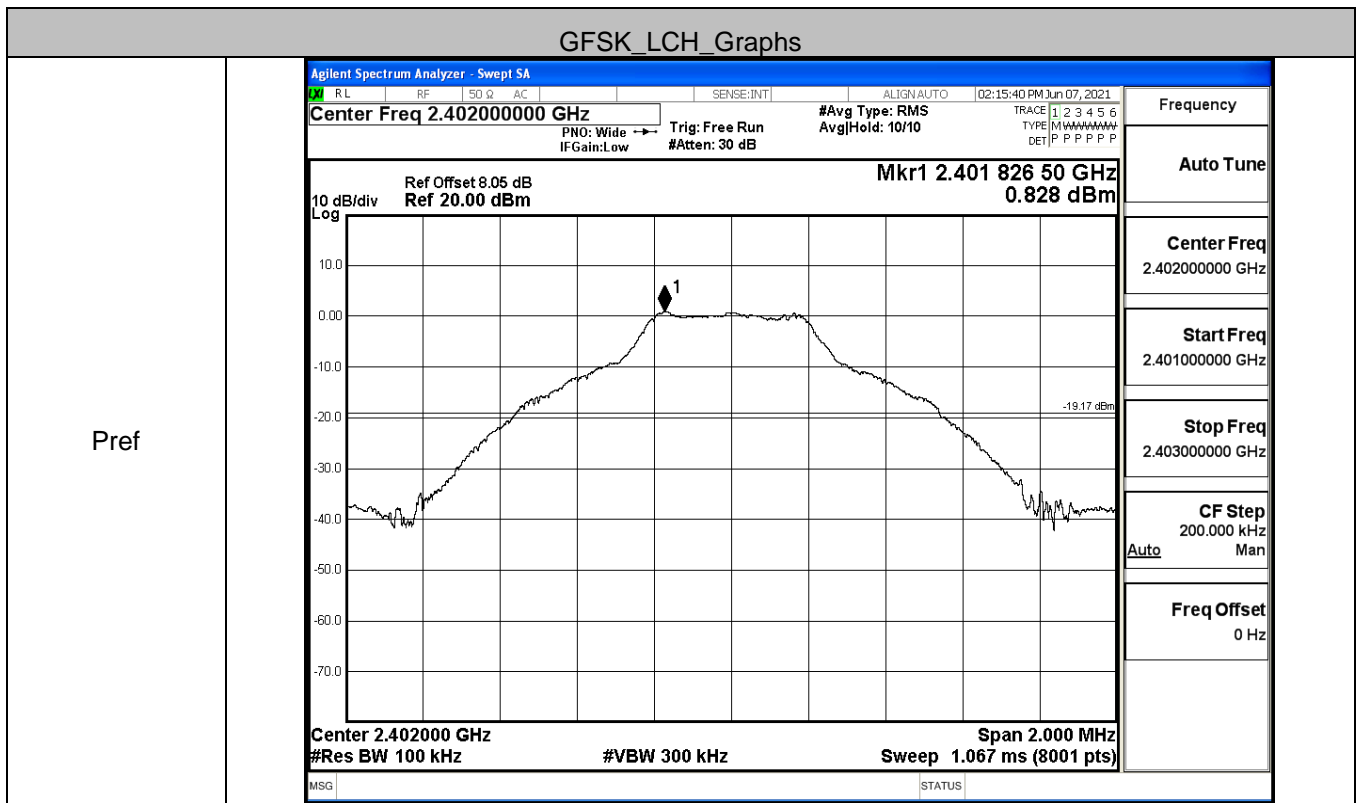
CF Step 1.000000 MHz

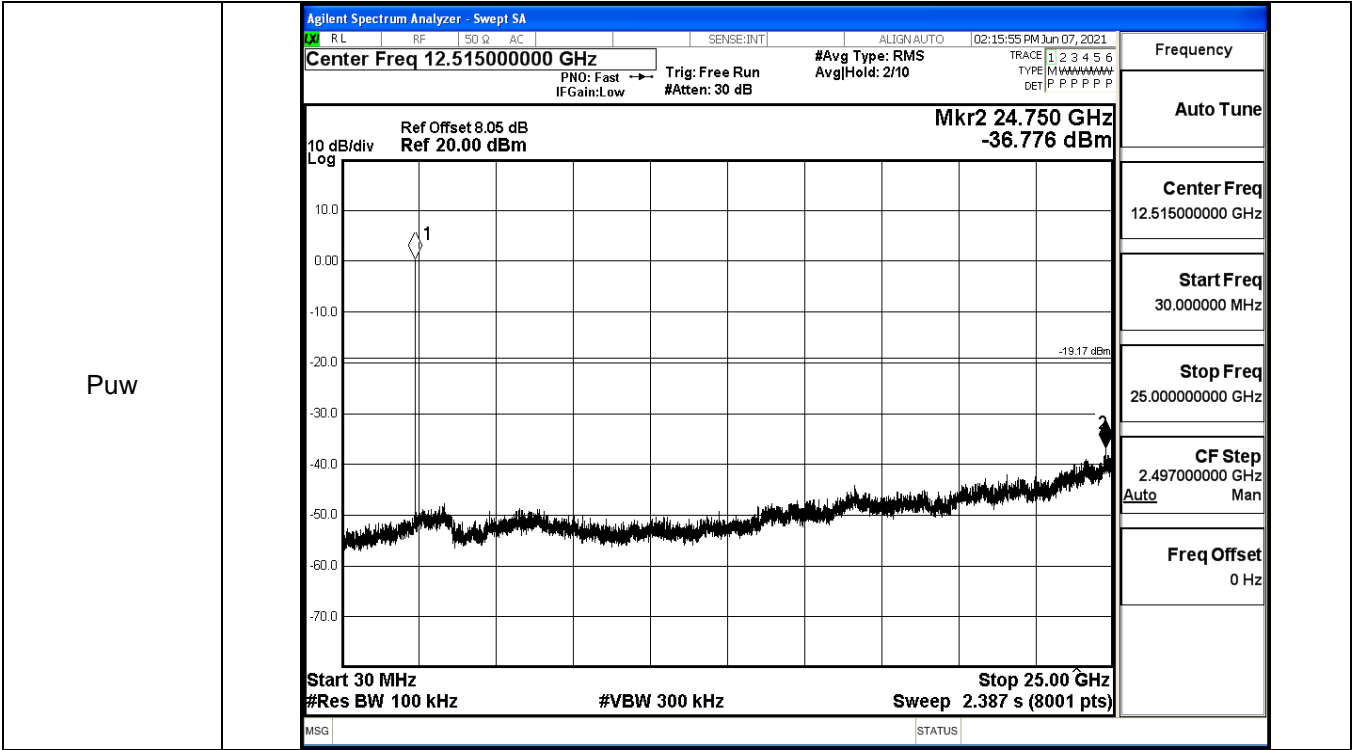
Auto Man

Freq Offset 0 Hz

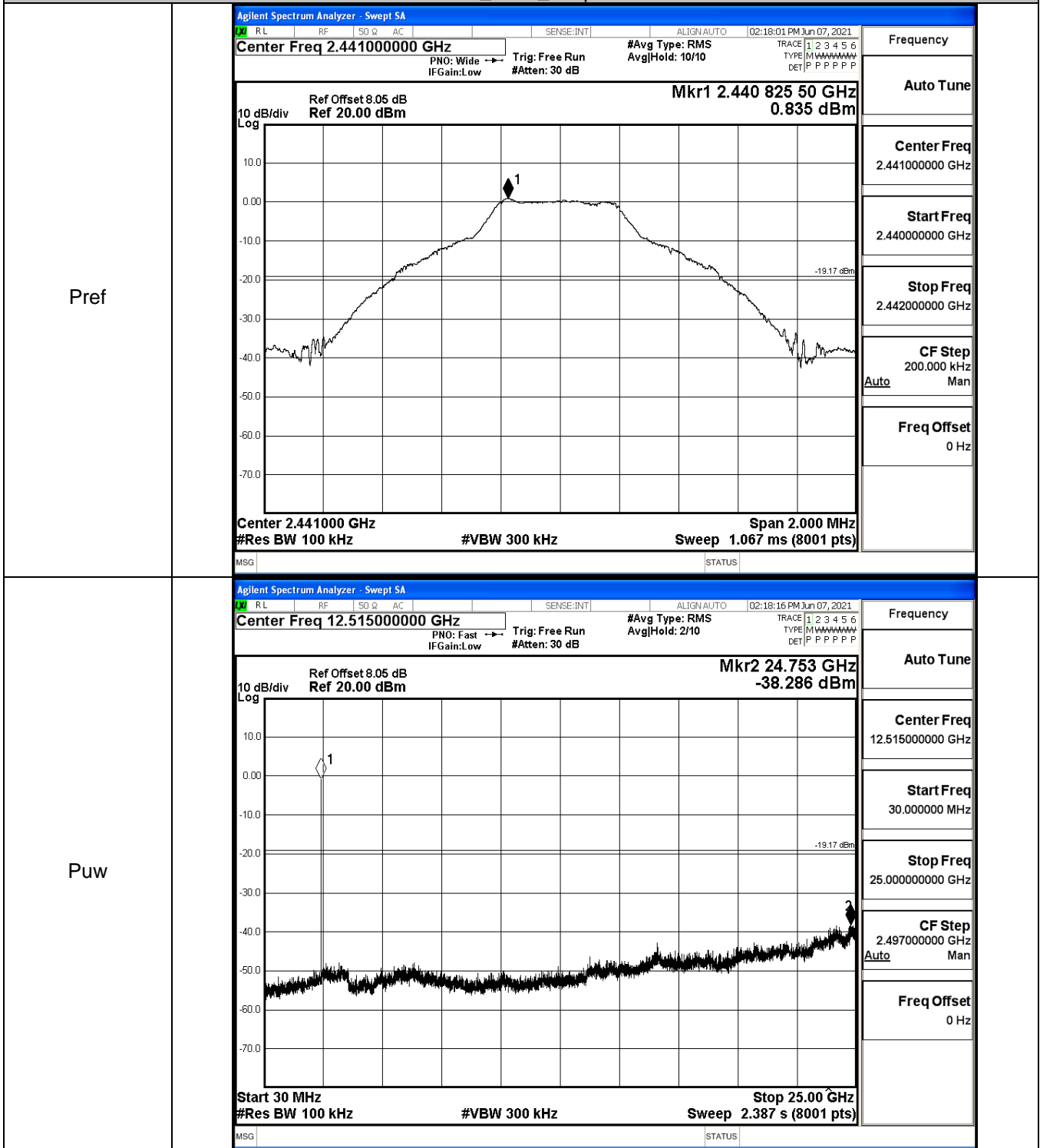
A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.828	-36.776	-19.172	PASS
	MCH	0.835	-38.286	-19.165	PASS
	HCH	1.779	-37.133	-18.221	PASS
π /4DQPSK	LCH	1.884	-38.390	-18.116	PASS
	MCH	2.014	-37.323	-17.986	PASS
	HCH	2.596	-37.151	-17.404	PASS
8DPSK	LCH	1.926	-38.031	-18.074	PASS
	MCH	2.121	-38.031	-17.879	PASS
	HCH	2.649	-38.195	-17.351	PASS

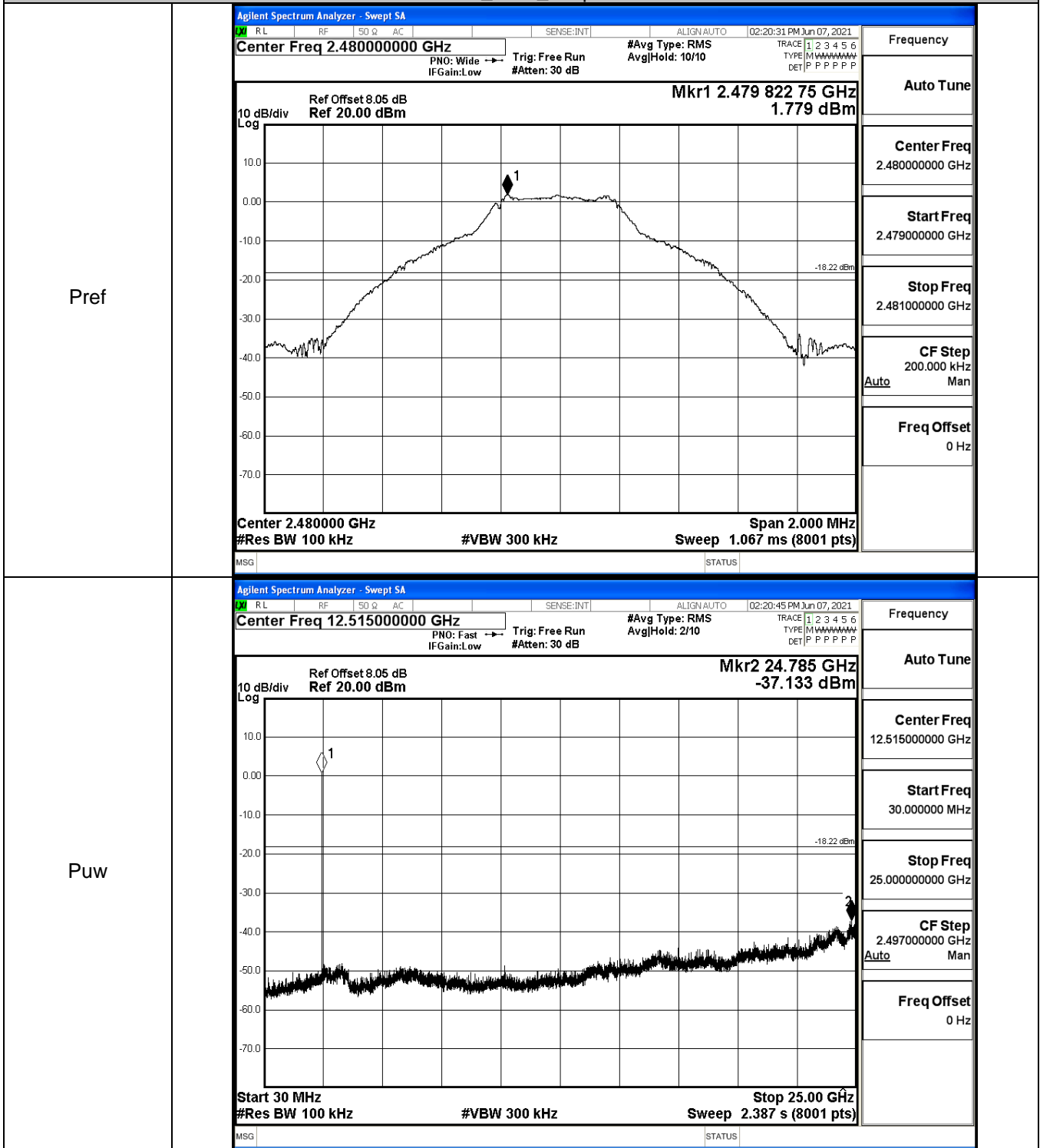




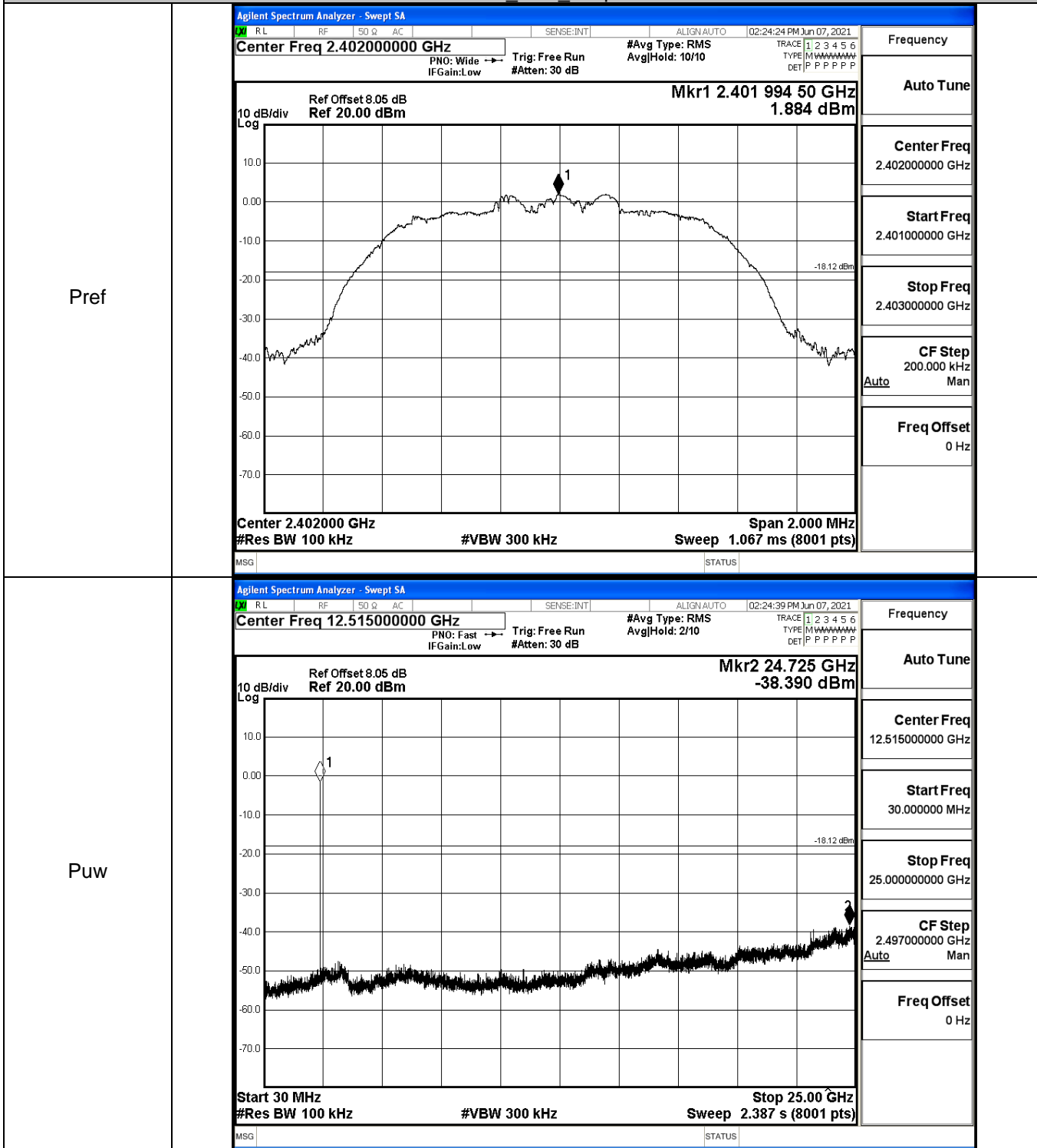
GFSK_MCH_Graphs



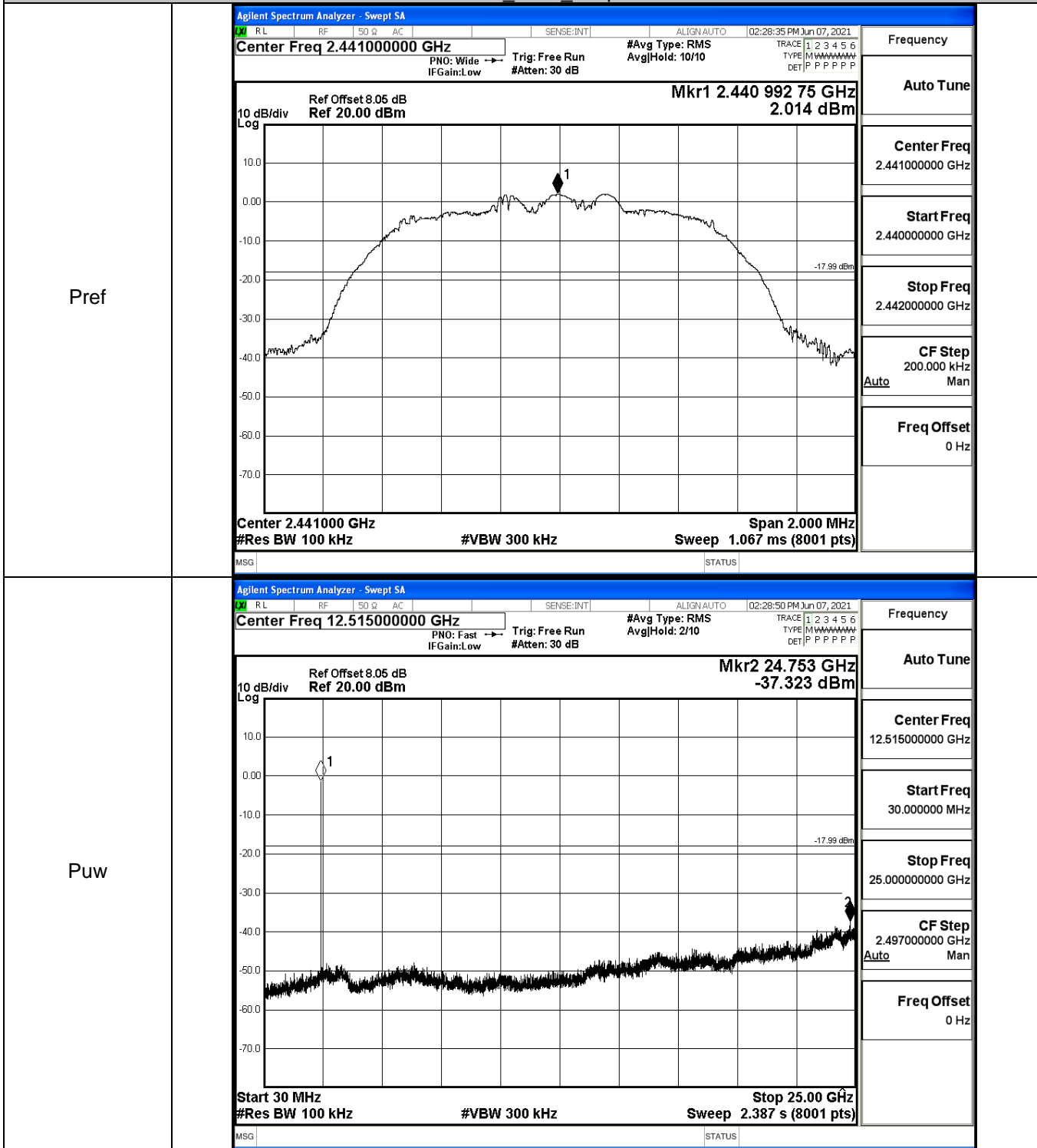
GFSK_HCH_Graphs



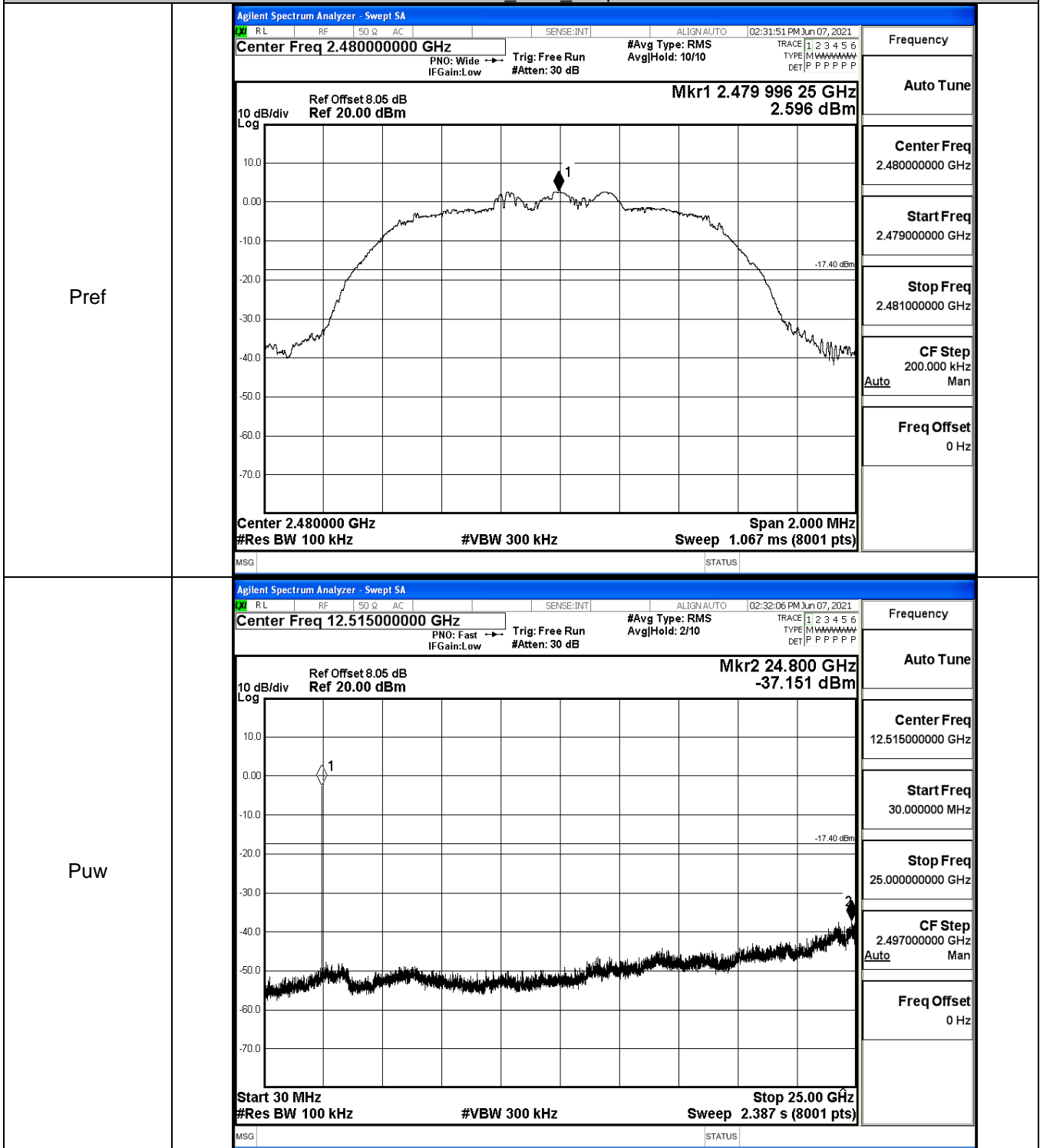
$\pi/4$ DQPSK LCH_Graphs



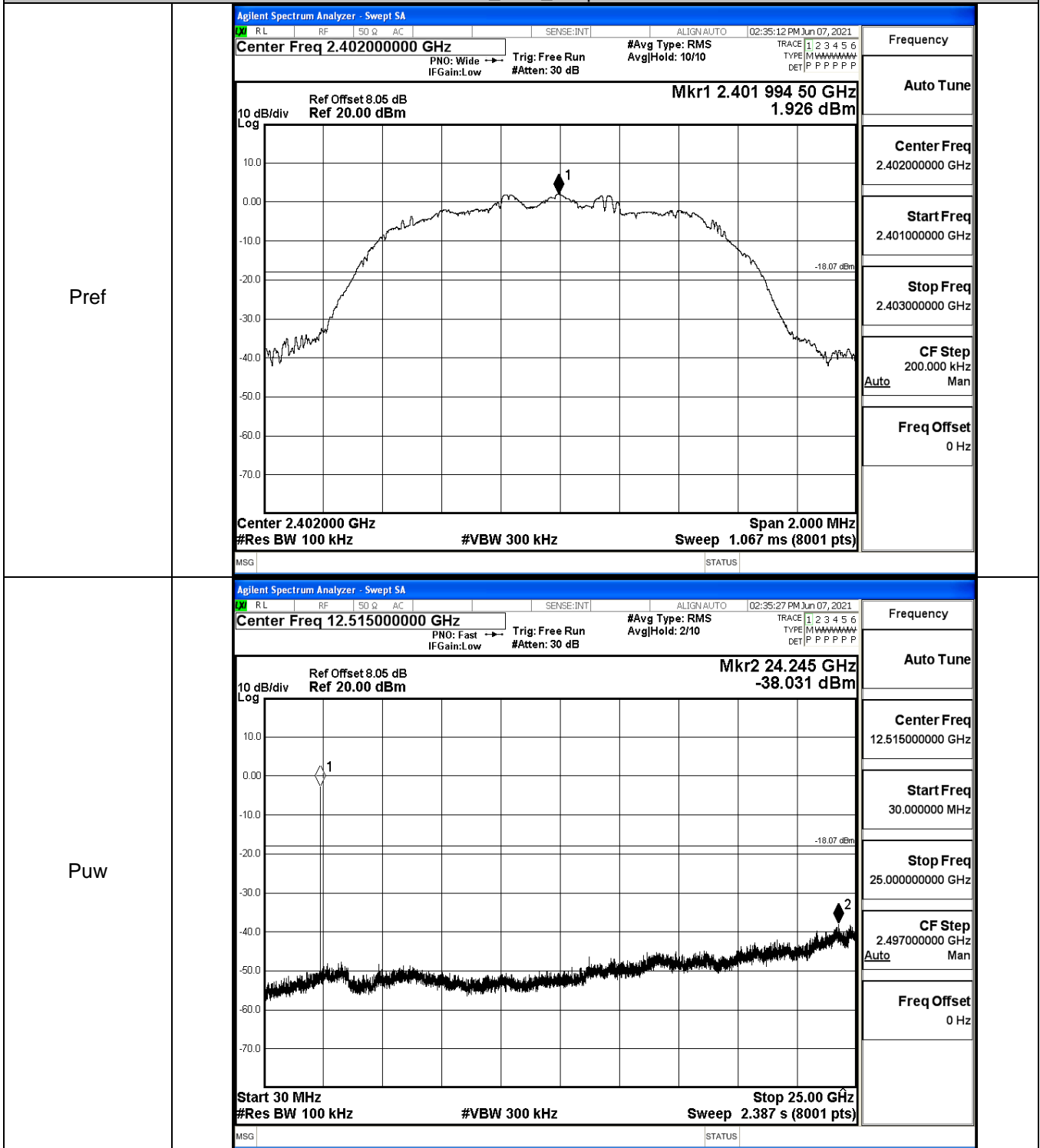
$\pi/4$ DQPSK MCH Graphs



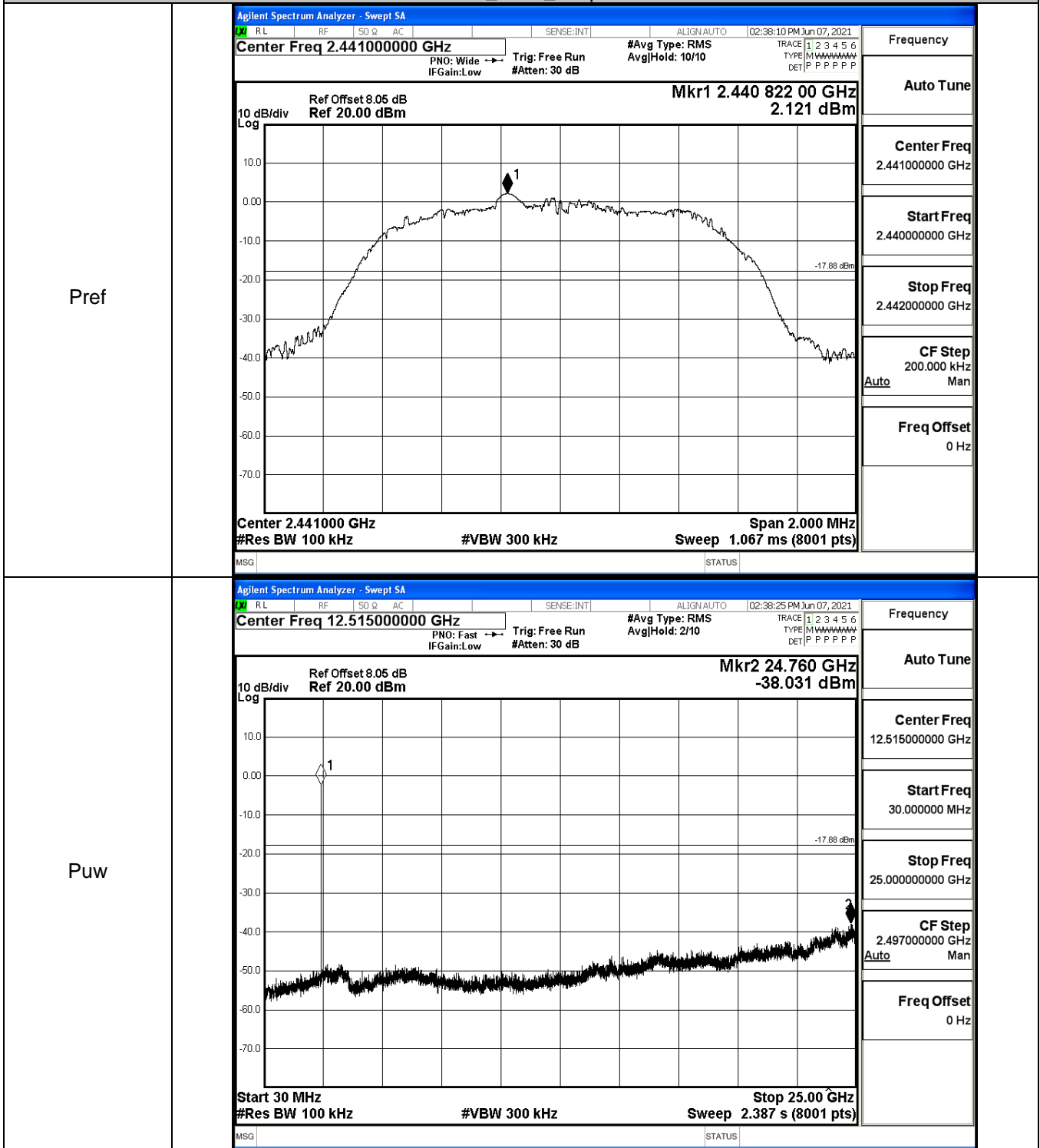
$\pi/4$ DQPSK_HCH_Graphs



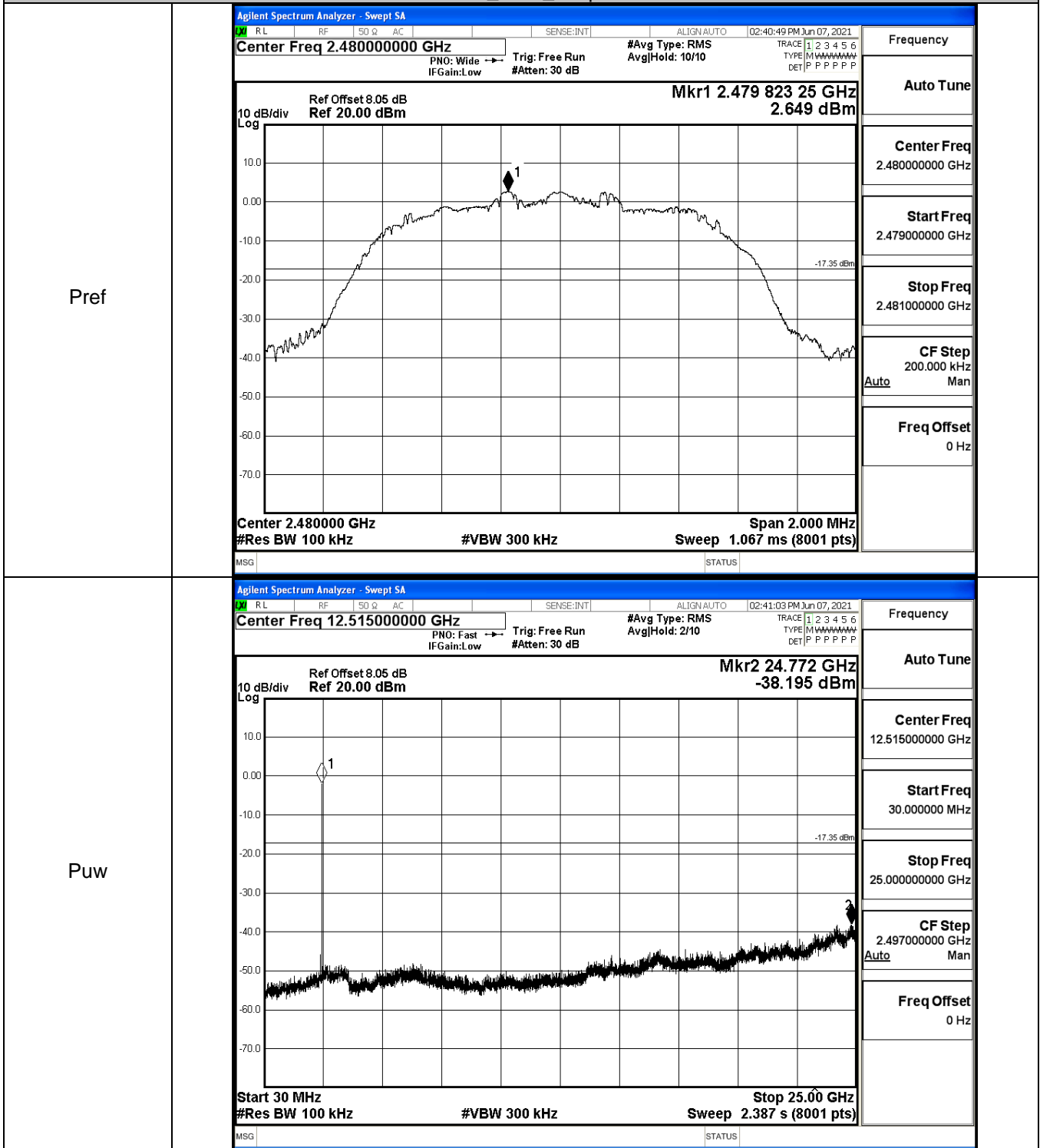
8DPSK_LCH_Graphs



8DPSK_MCH_Graphs



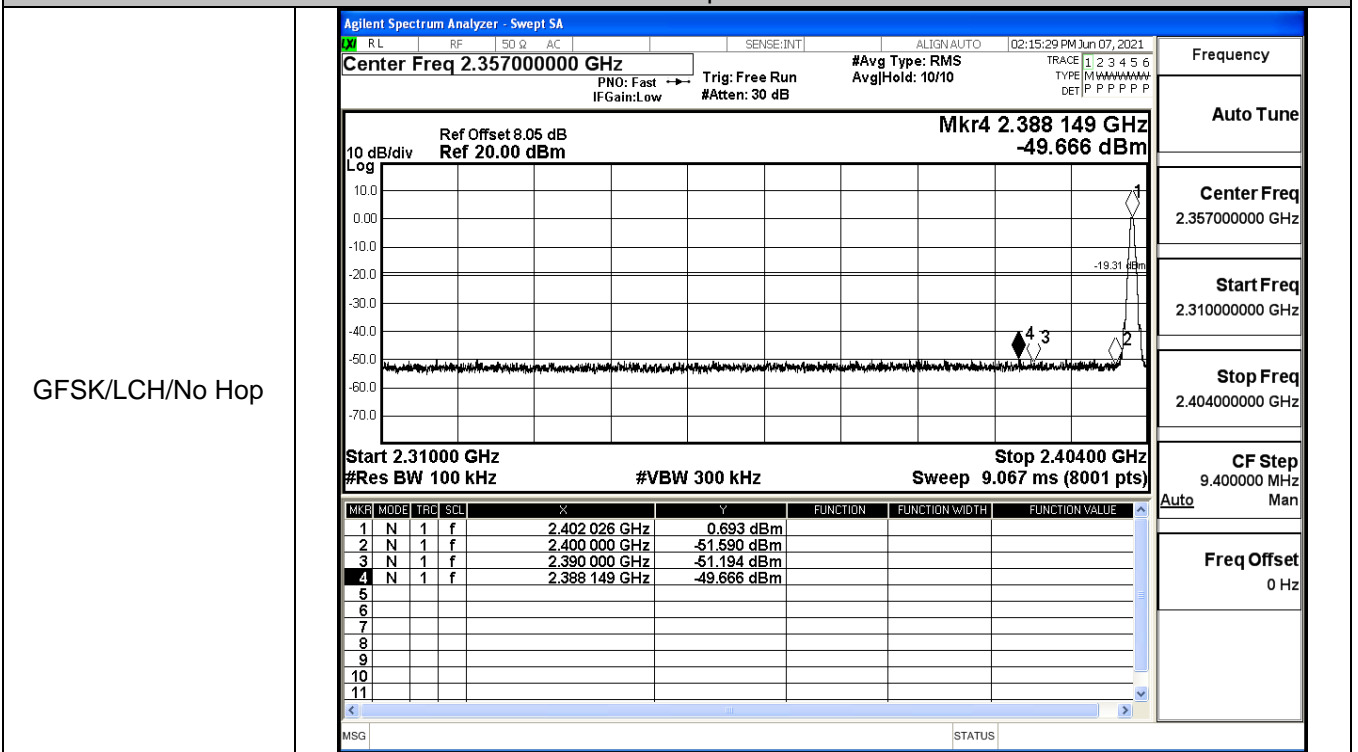
8DPSK_HCH_Graphs



A.7 Band-edge for RF Conducted Emissions

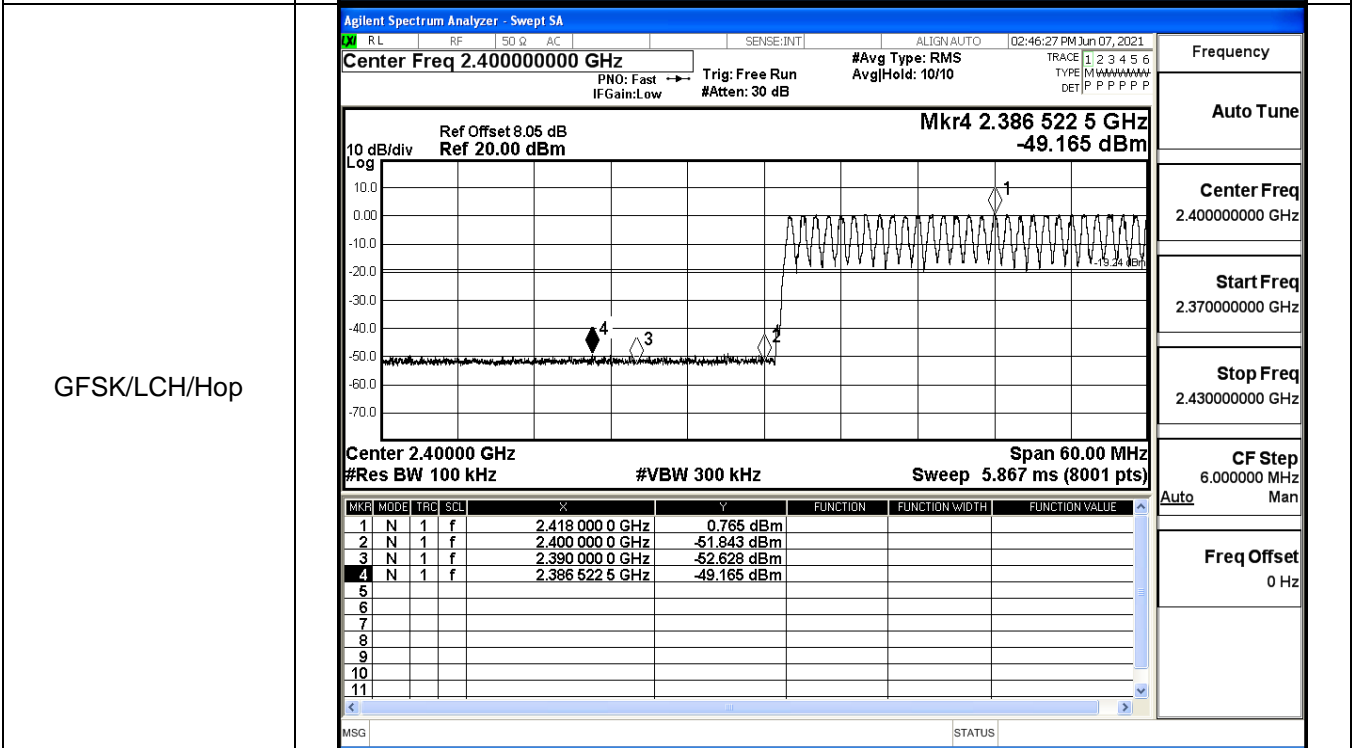
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.693	Off	-49.666	-19.31	PASS
			0.765	On	-49.165	-19.24	PASS
	HCH	2480	1.222	Off	-49.431	-18.78	PASS
			1.402	On	-48.303	-18.6	PASS
π/4DQPSK	LCH	2402	1.888	Off	-48.915	-18.11	PASS
			1.831	On	-48.944	-18.17	PASS
	HCH	2480	2.649	Off	-48.556	-17.35	PASS
			2.561	On	-48.204	-17.44	PASS
8DPSK	LCH	2402	2.038	Off	-49.548	-17.96	PASS
			1.892	On	-47.857	-18.11	PASS
	HCH	2480	2.685	Off	-48.798	-17.32	PASS
			2.619	On	-47.810	-17.38	PASS

Test Graphs



GFSK/LCH/No Hop

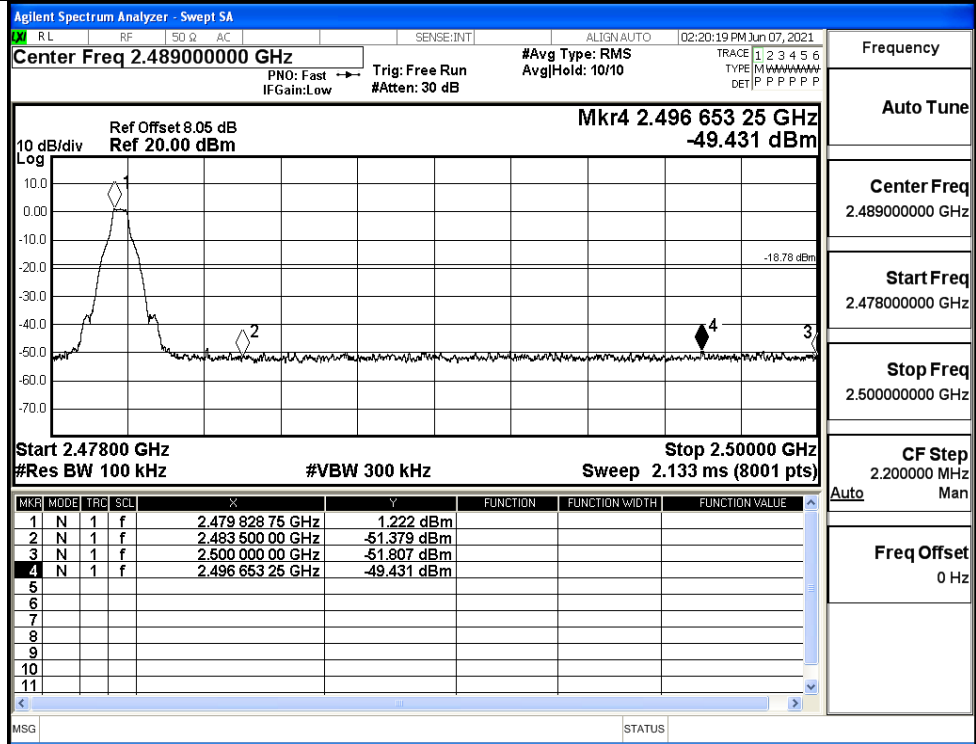
Frequency	Auto Tune
Center Freq	2.357000000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.404000000 GHz
CF Step	9.400000 MHz
Auto	Man
Freq Offset	0 Hz



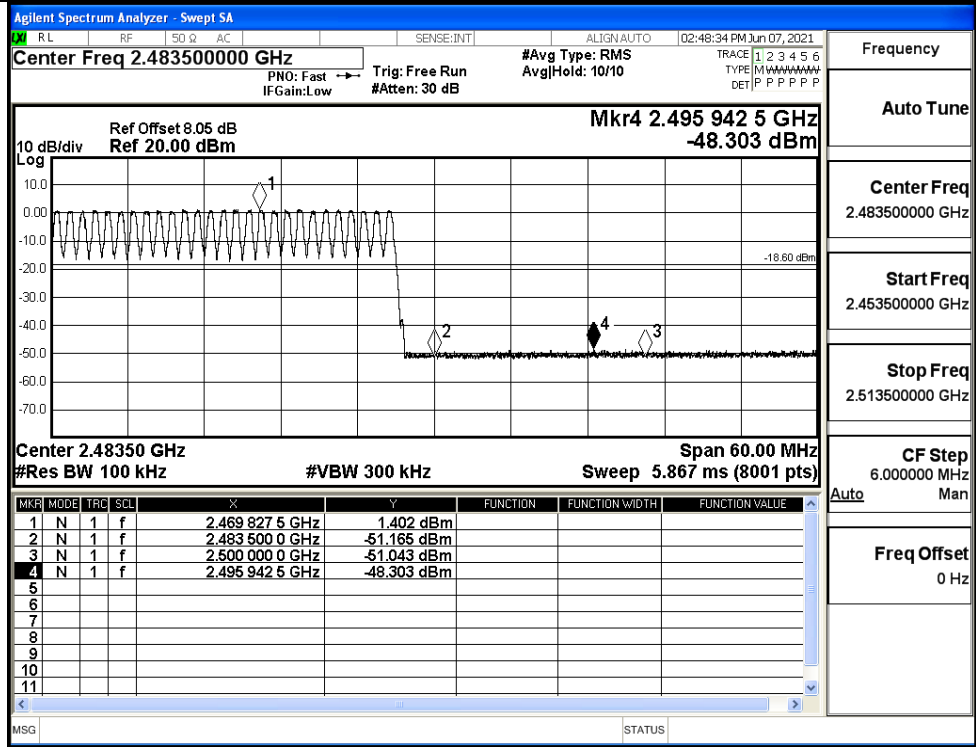
GFSK/LCH/Hop

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

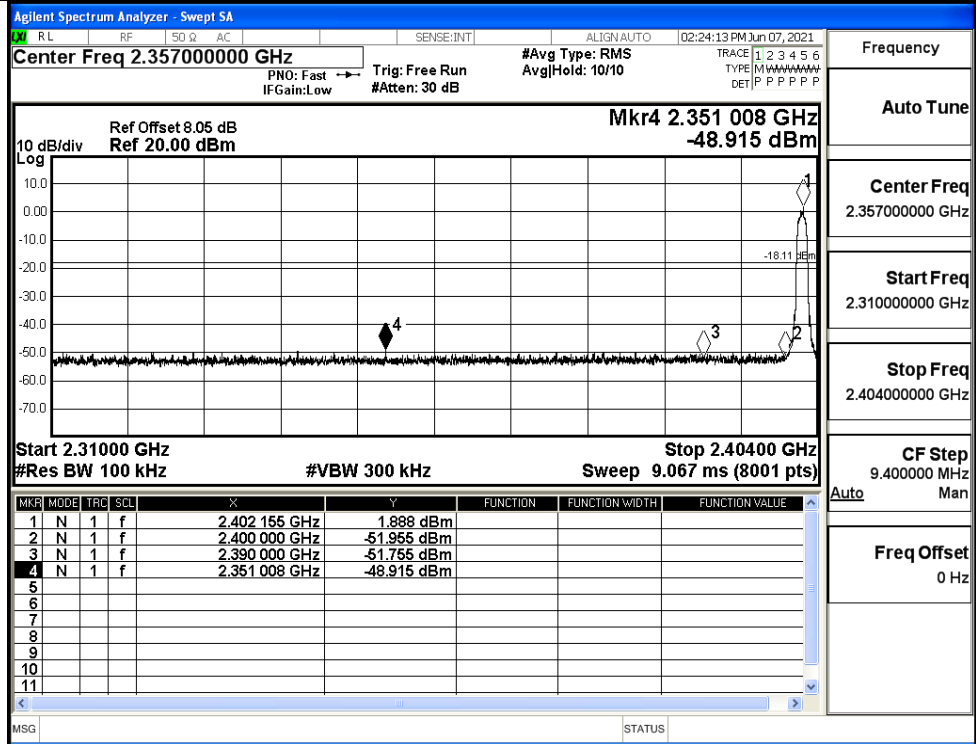
GFSK/HCH/No Hop



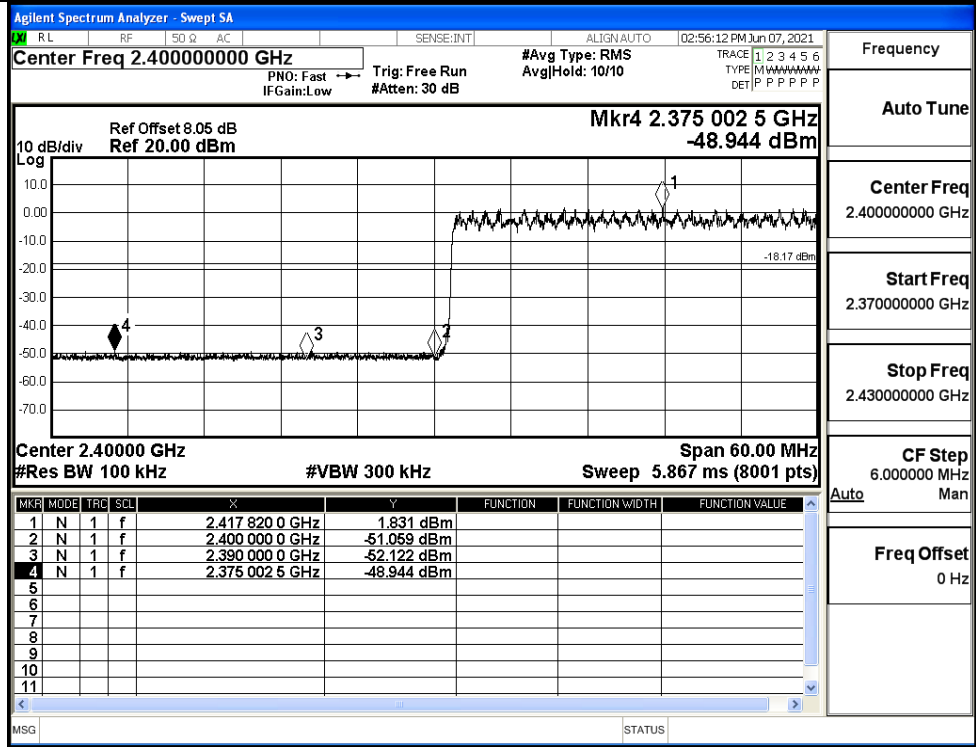
GFSK/HCH/Hop



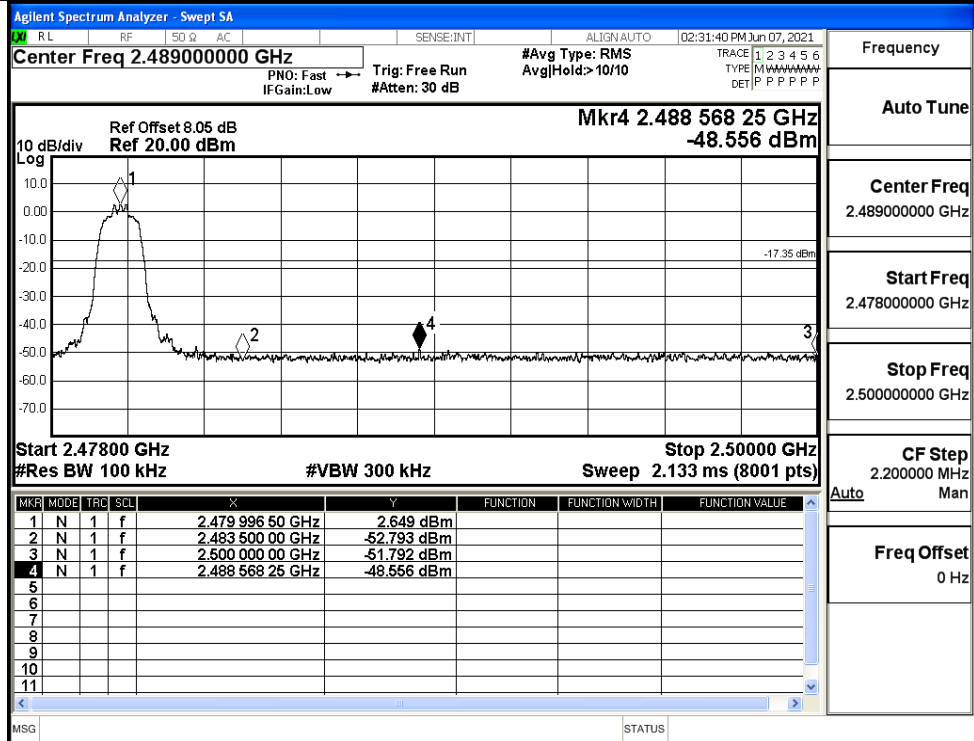
$\pi/4$ DQPSK/LCH/No Hop



$\pi/4$ DQPSK/LCH/Hop

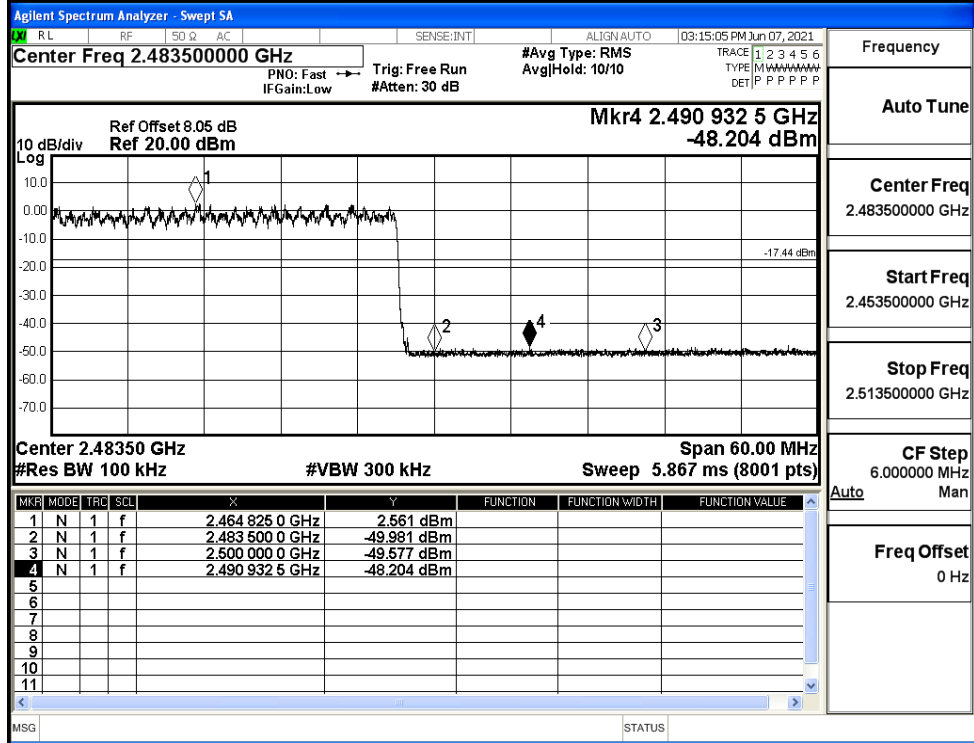


$\pi/4$ DQPSK/HCH/No Hop



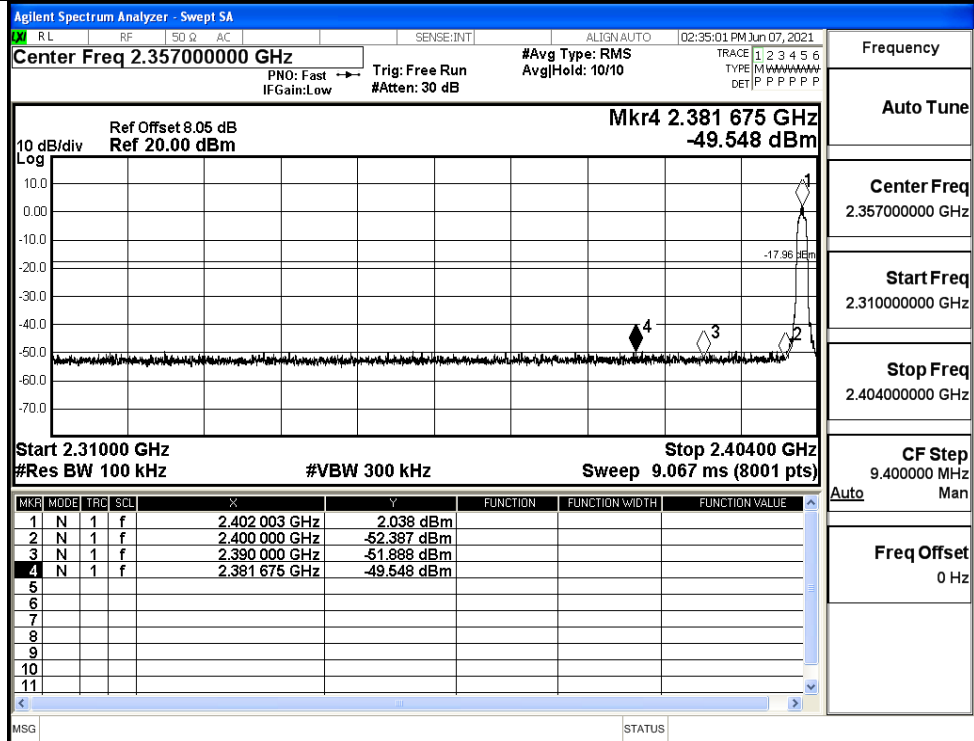
Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK/HCH/Hop



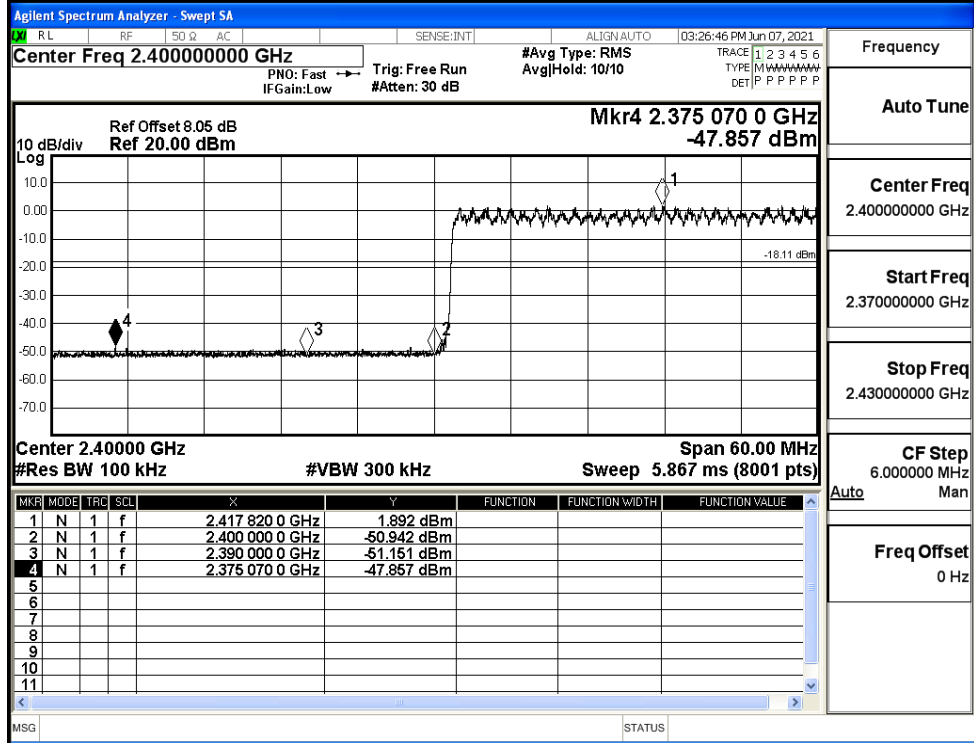
Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.463500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK/LCH/No Hop



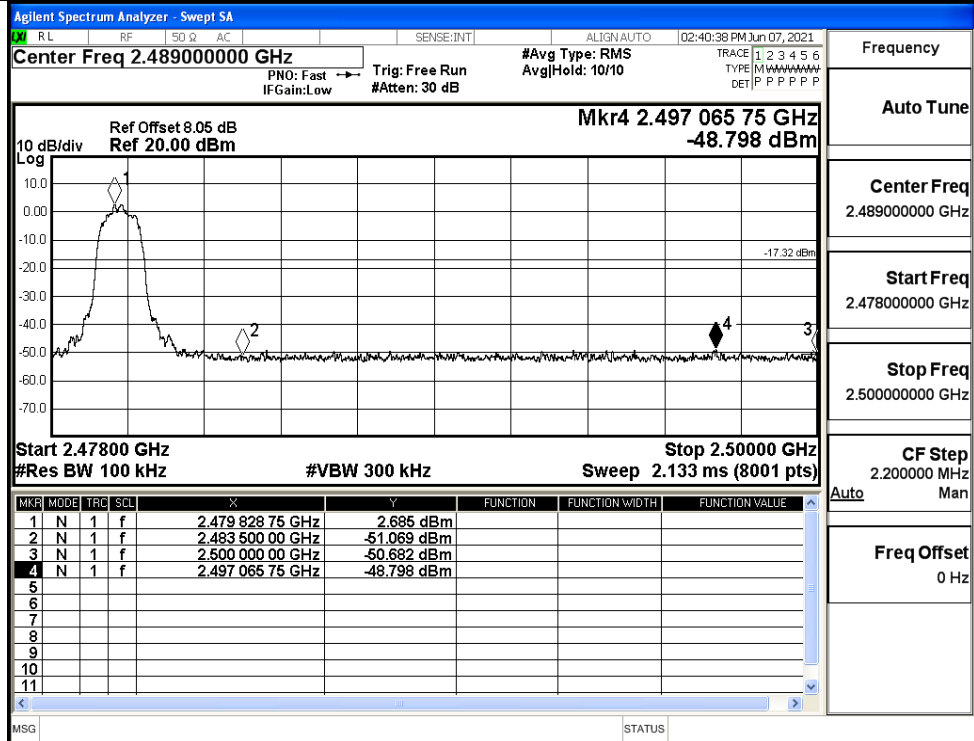
Frequency	
Auto Tune	
Center Freq	2.357000000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.404000000 GHz
CF Step	9.400000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK/LCH/Hop



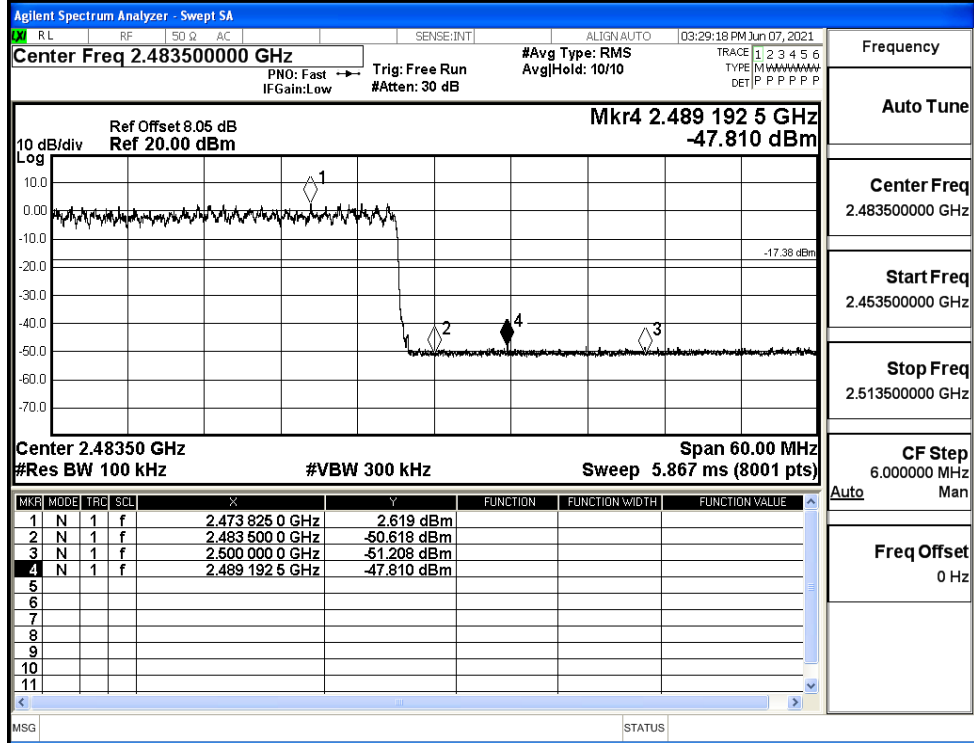
Frequency	
Auto Tune	
Center Freq	2.400000000 GHz
Start Freq	2.370000000 GHz
Stop Freq	2.430000000 GHz
CF Step	6.000000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK/HCH/No Hop



Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK/HCH/Hop

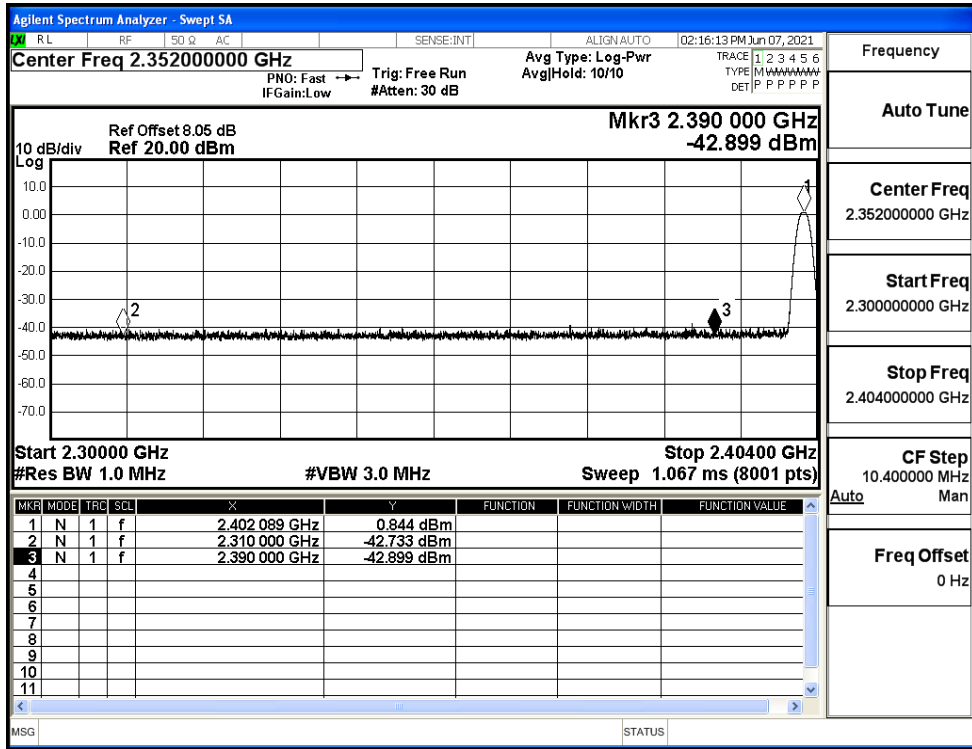


Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.453500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Auto	Man
Freq Offset	0 Hz

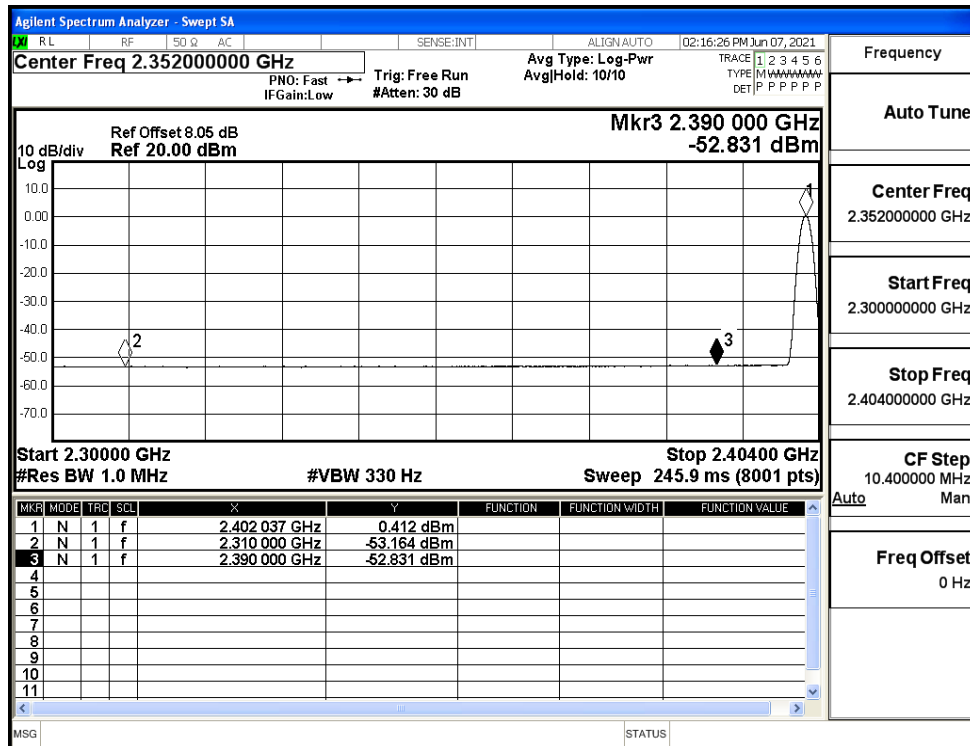
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.73	2.0	0	54.50	PEAK	74	PASS
	Off	2310.0	-53.16	2.0	0	44.07	AV	54	PASS
	Off	2390.0	-42.90	2.0	0	54.33	PEAK	74	PASS
	Off	2390.0	-52.83	2.0	0	44.40	AV	54	PASS
	Off	2483.5	-43.01	2.0	0	54.22	PEAK	74	PASS
	Off	2483.5	-52.15	2.0	0	45.08	AV	54	PASS
	Off	2500.0	-41.78	2.0	0	55.45	PEAK	74	PASS
	Off	2500.0	-52.29	2.0	0	44.94	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-41.39	2.0	0	55.84	PEAK	74	PASS
	Off	2310.0	-53.36	2.0	0	43.87	AV	54	PASS
	Off	2390.0	-43.18	2.0	0	54.05	PEAK	74	PASS
	Off	2390.0	-52.76	2.0	0	44.47	AV	54	PASS
	Off	2483.5	-42.03	2.0	0	55.20	PEAK	74	PASS
	Off	2483.5	-52.26	2.0	0	44.97	AV	54	PASS
	Off	2500.0	-40.51	2.0	0	56.72	PEAK	74	PASS
	Off	2500.0	-52.23	2.0	0	45.00	AV	54	PASS
8DPSK	Off	2310.0	-43.25	2.0	0	53.98	PEAK	74	PASS
	Off	2310.0	-53.26	2.0	0	43.97	AV	54	PASS
	Off	2390.0	-41.74	2.0	0	55.49	PEAK	74	PASS
	Off	2390.0	-52.76	2.0	0	44.47	AV	54	PASS
	Off	2483.5	-42.03	2.0	0	55.20	PEAK	74	PASS
	Off	2483.5	-52.30	2.0	0	44.93	AV	54	PASS
	Off	2500.0	-42.45	2.0	0	54.78	PEAK	74	PASS
	Off	2500.0	-52.23	2.0	0	45.00	AV	54	PASS

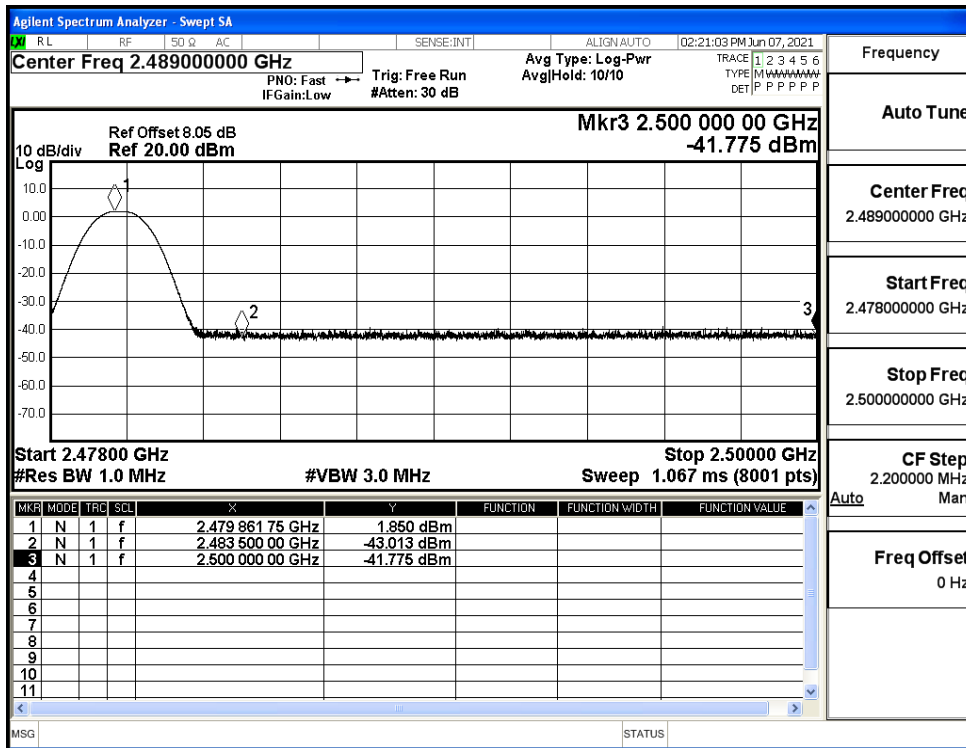
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



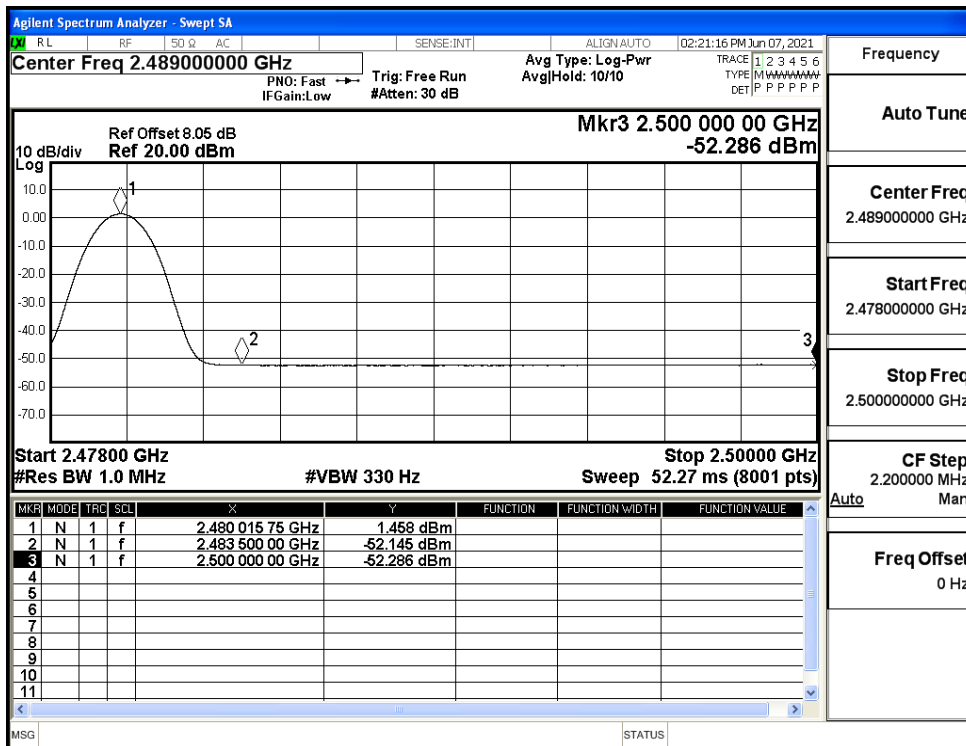
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



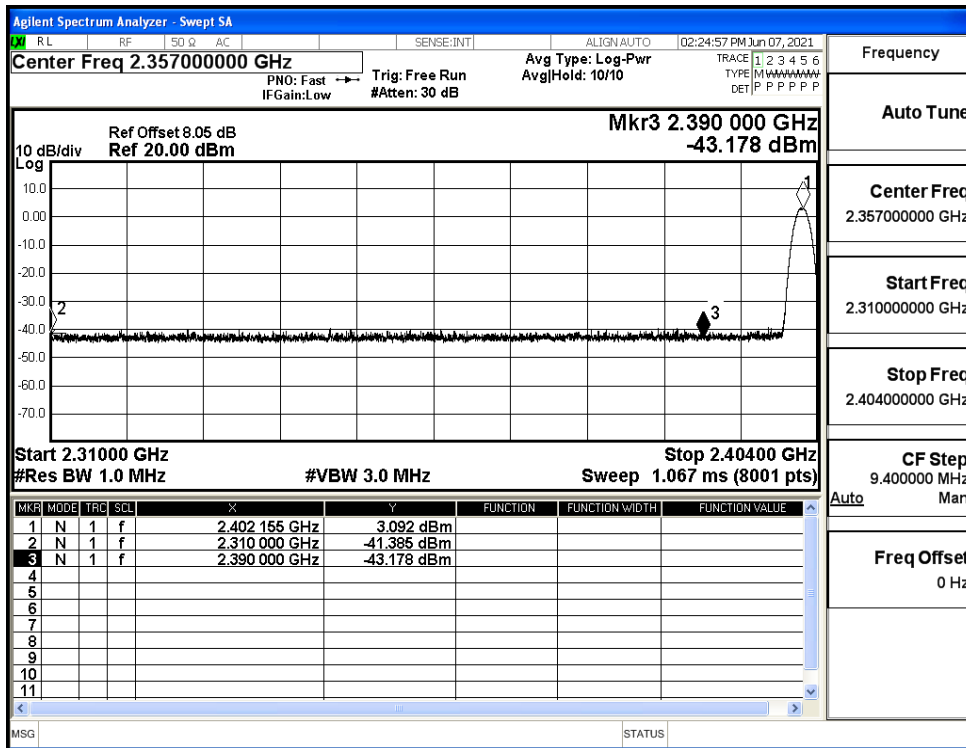
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



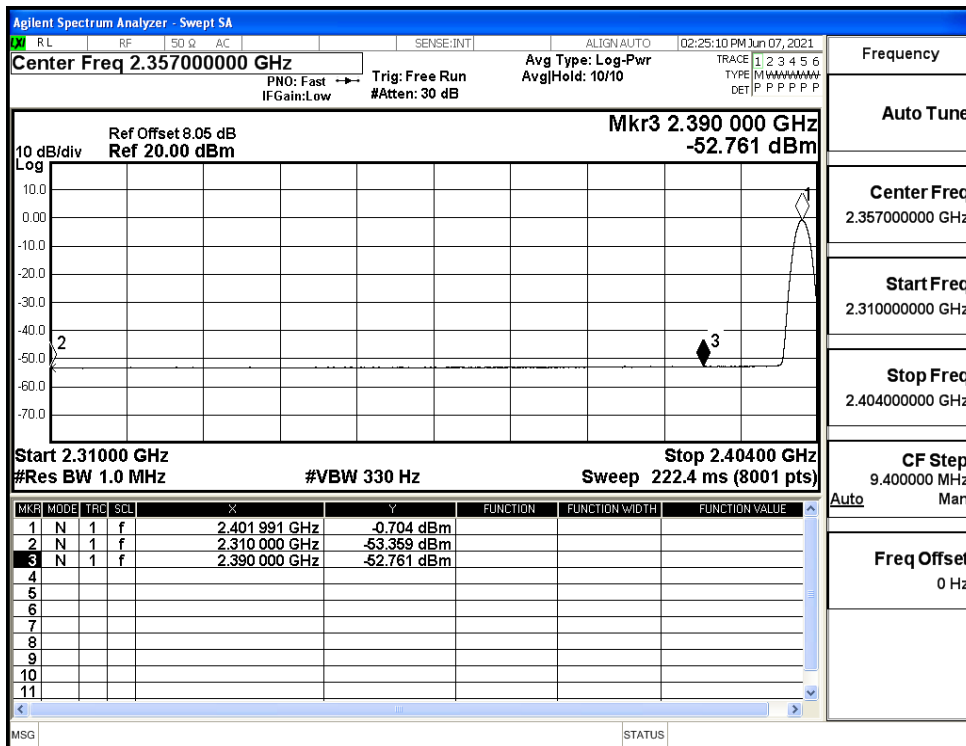
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



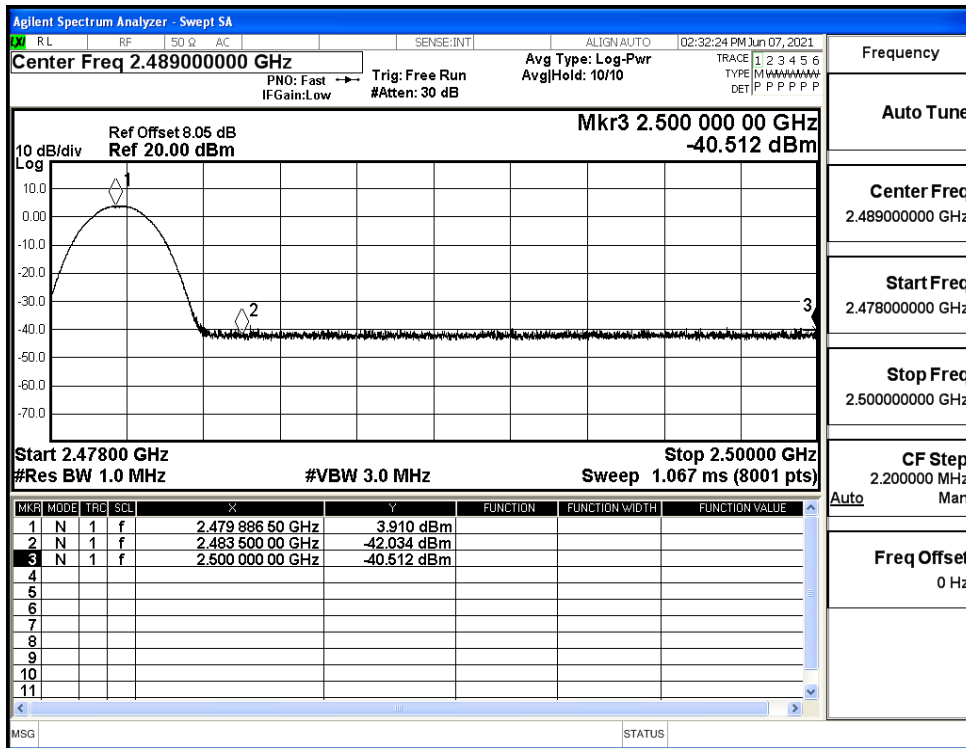
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



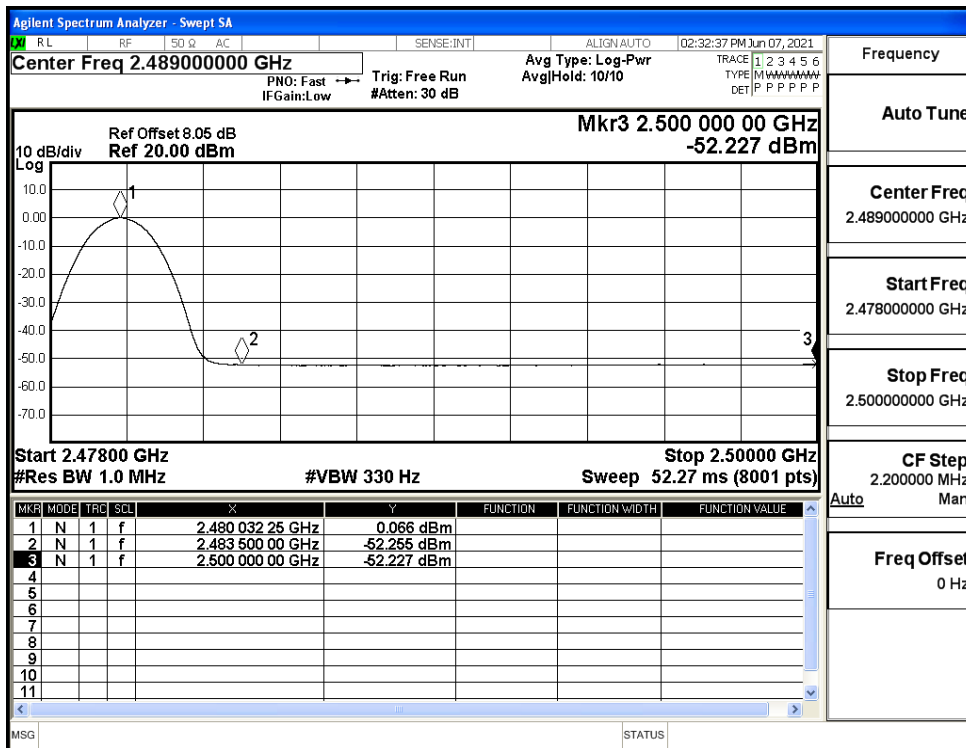
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



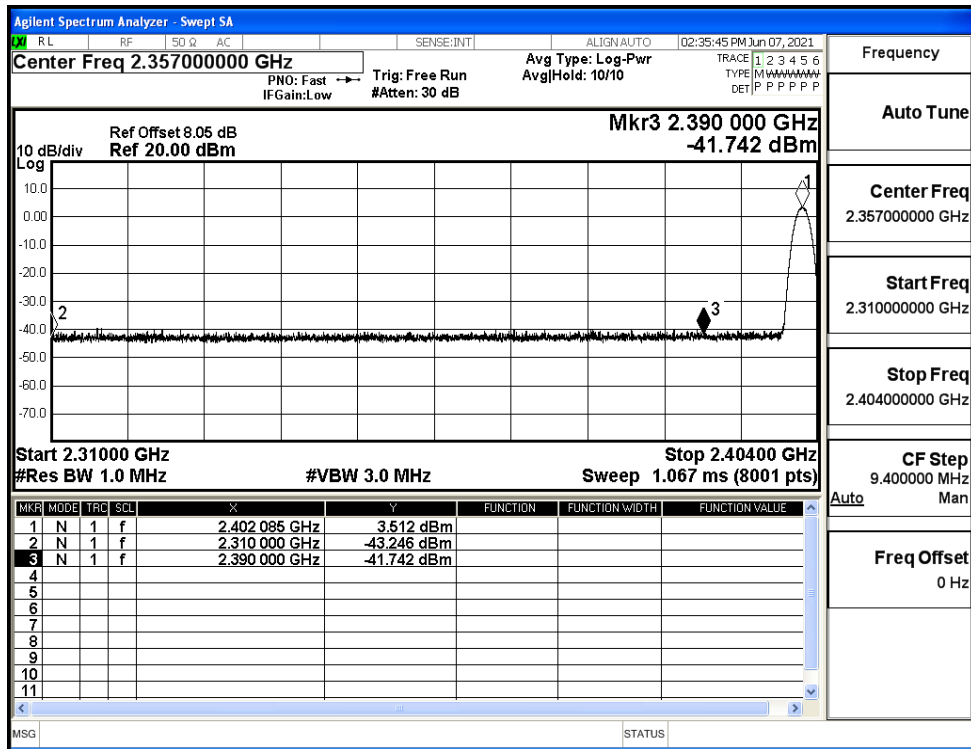
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (High Channel)



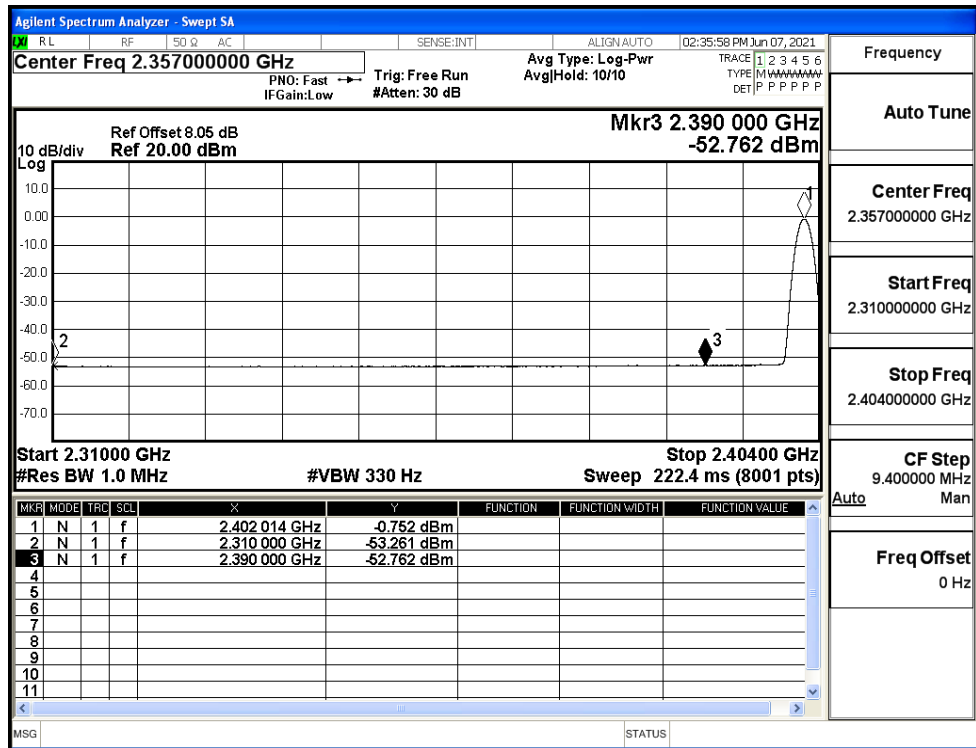
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (High Channel)



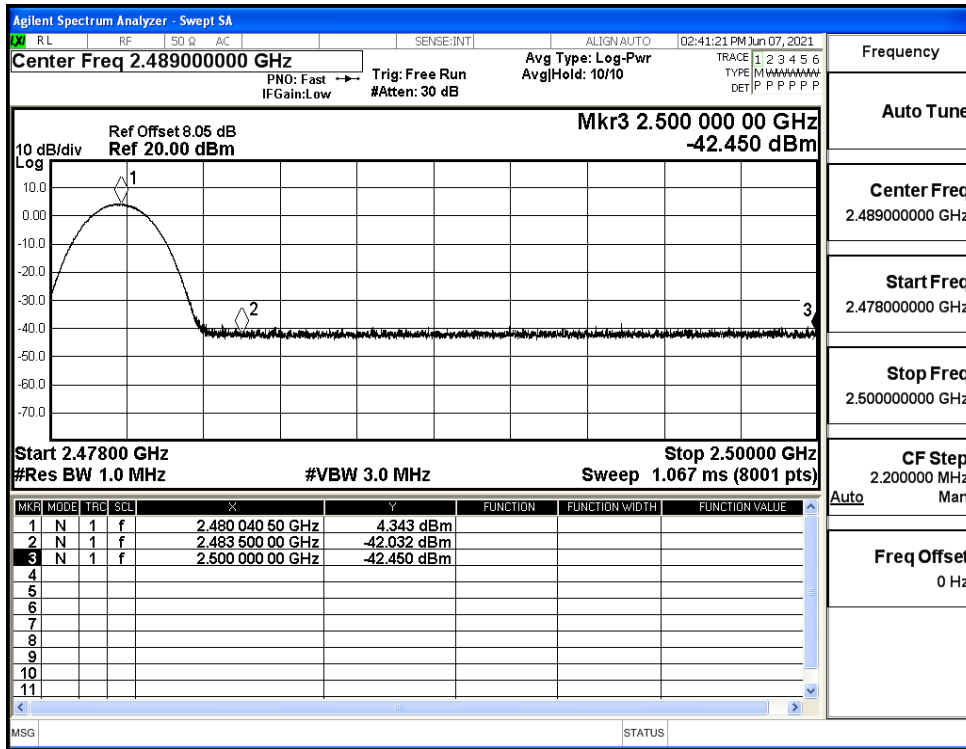
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

