

## Appendix A

### RF Test Data for BT V4.1(BDR/EDR) (Conducted Measurement)

Product Name: Urbanista Chicago

Trade Mark:Urbanista

Test Model: Chicago Dark Clown

#### Environmental Conditions

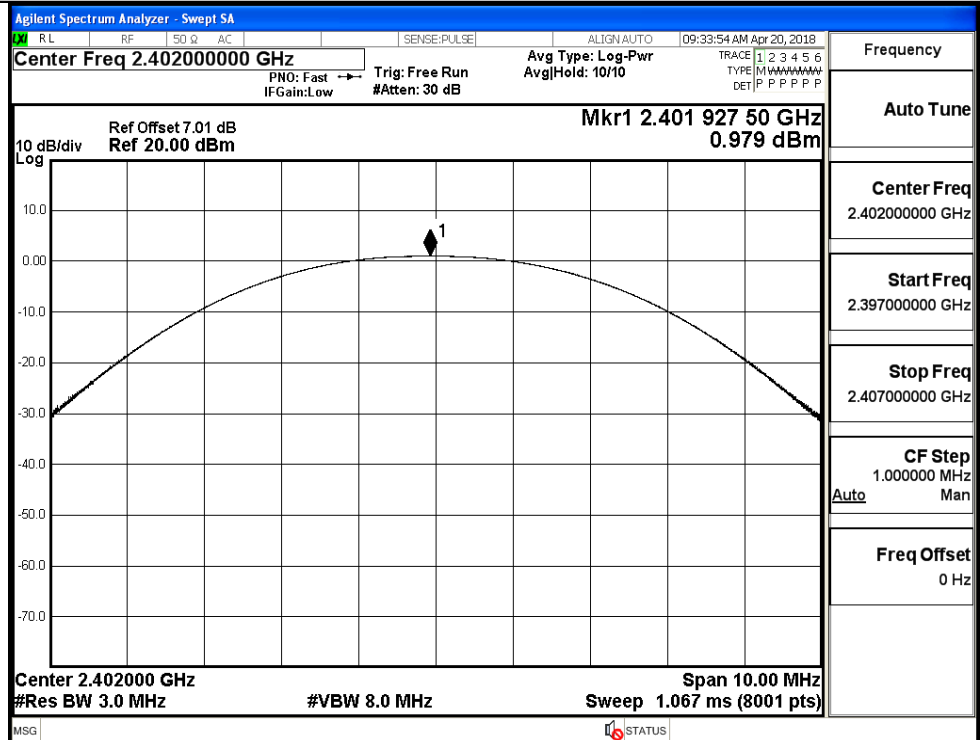
Temperature:	23.8 ° C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ryan.Hu
Supervised by:	Jayden.Zhuo

#### A.1 Maximum Conducted Peak Output Power

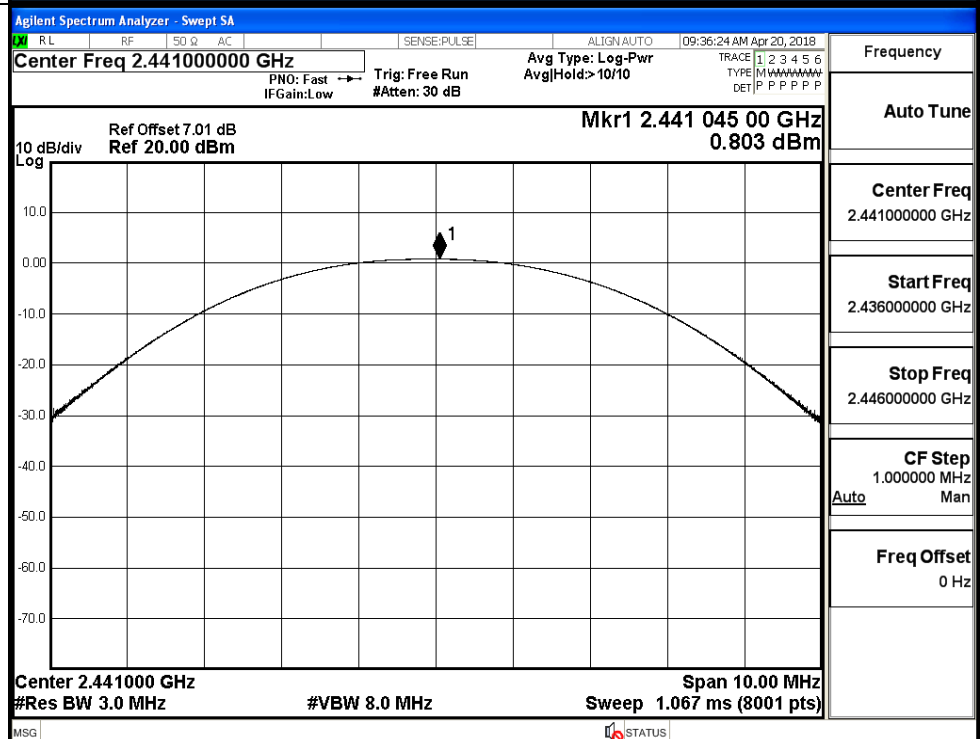
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.979	21	PASS
	MCH	0.803	21	PASS
	HCH	0.537	21	PASS
$\pi/4$ DQPSK	LCH	0.923	21	PASS
	MCH	1.050	21	PASS
	HCH	1.321	21	PASS
8DPSK	LCH	-1.051	21	PASS
	MCH	-2.618	21	PASS
	HCH	-2.636	21	PASS

# Test Graphs

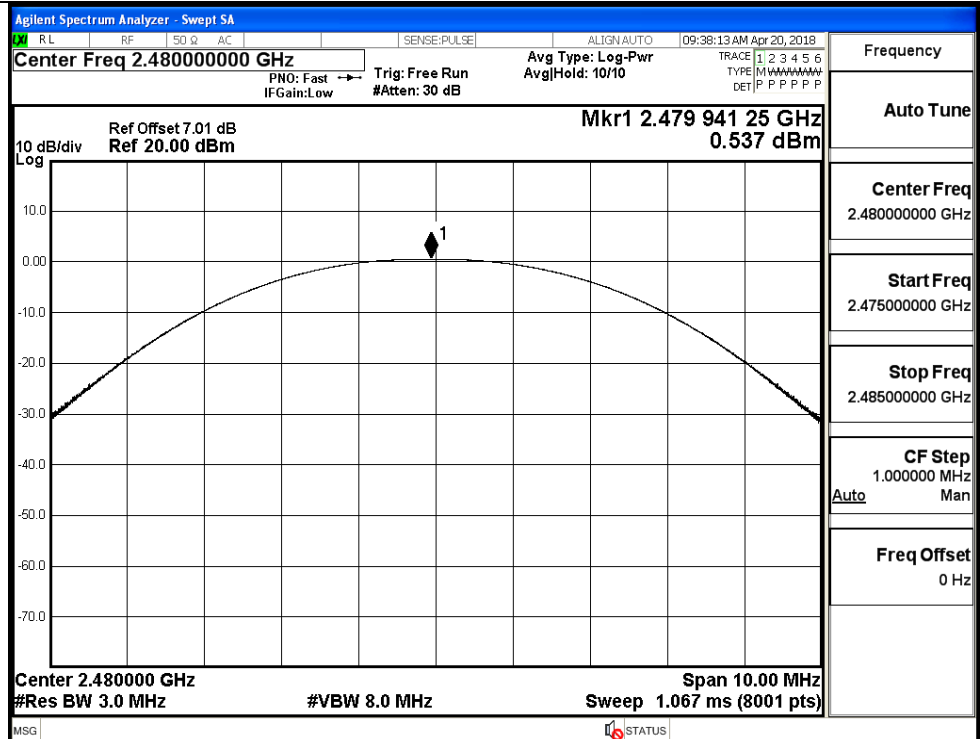
GFSK/LCH



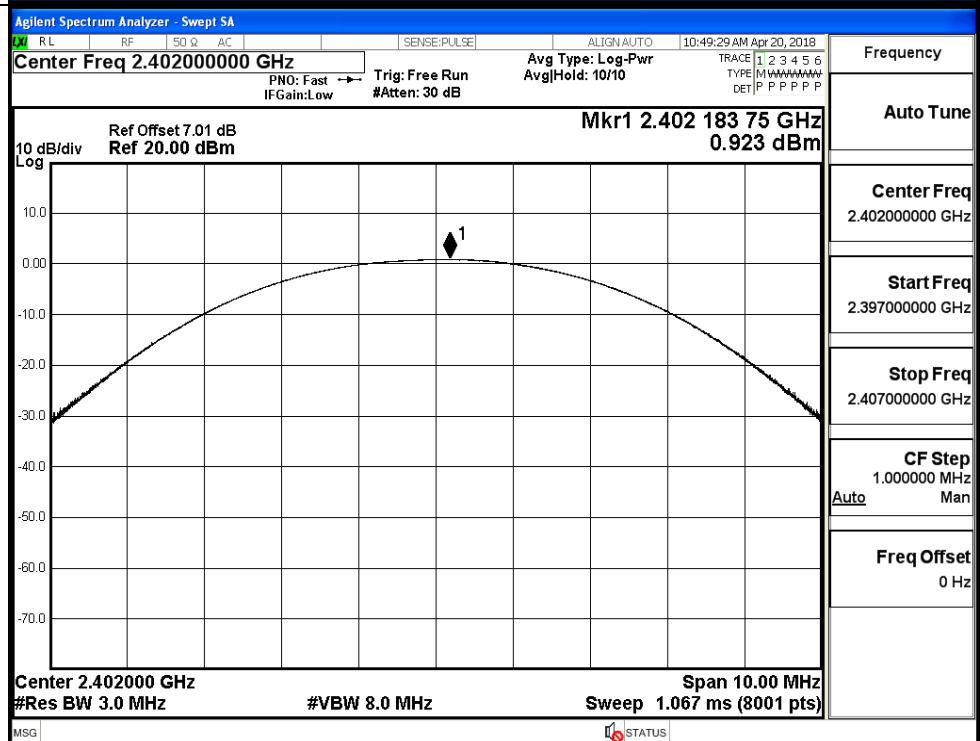
GFSK/MCH

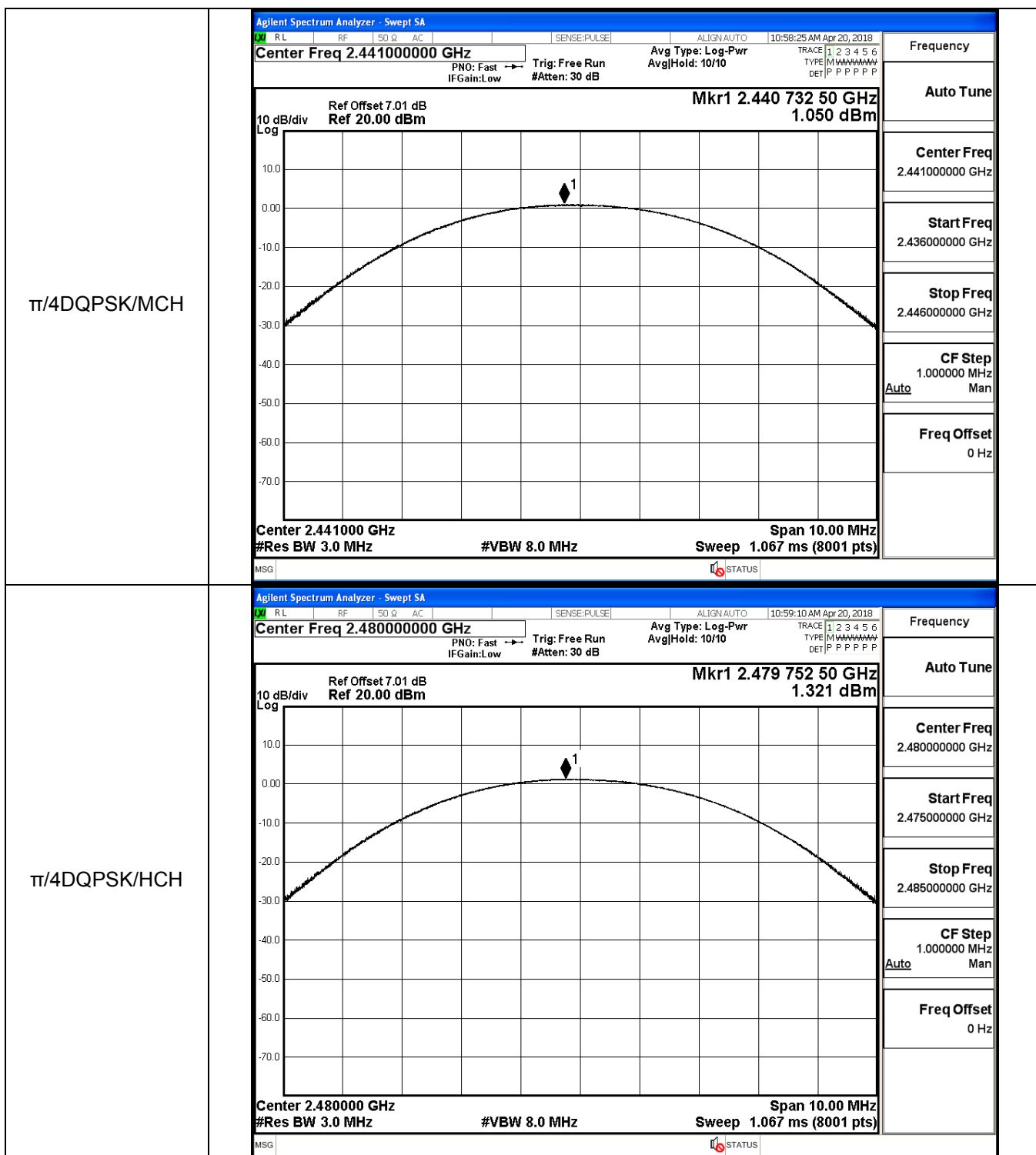


GFSK/HCH

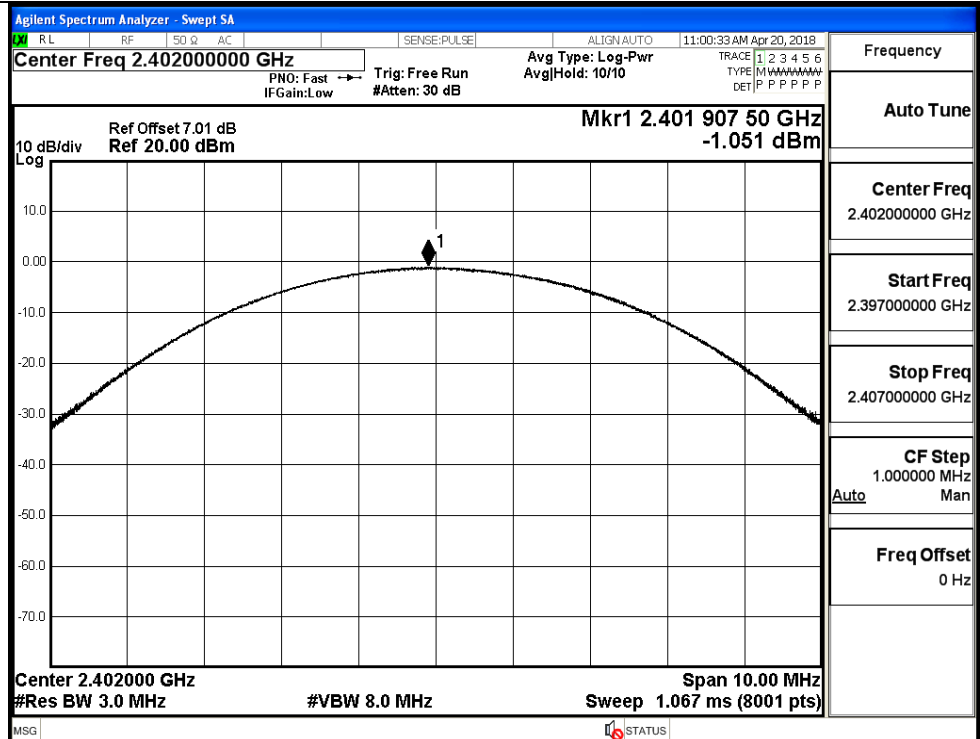


$\pi$ /4DQPSK/LCH

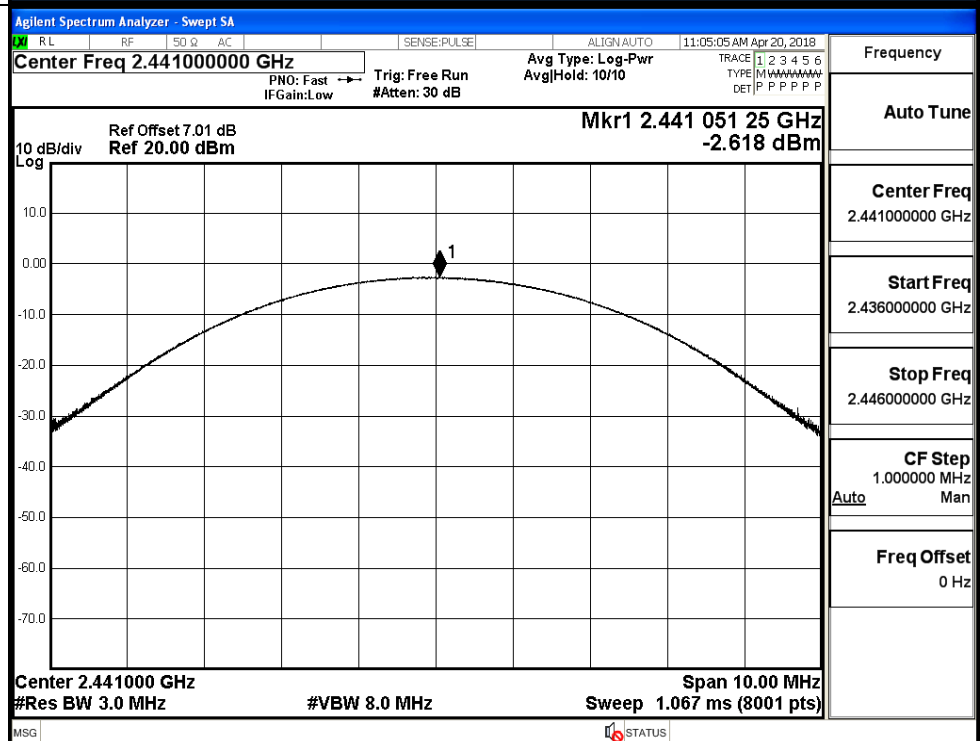




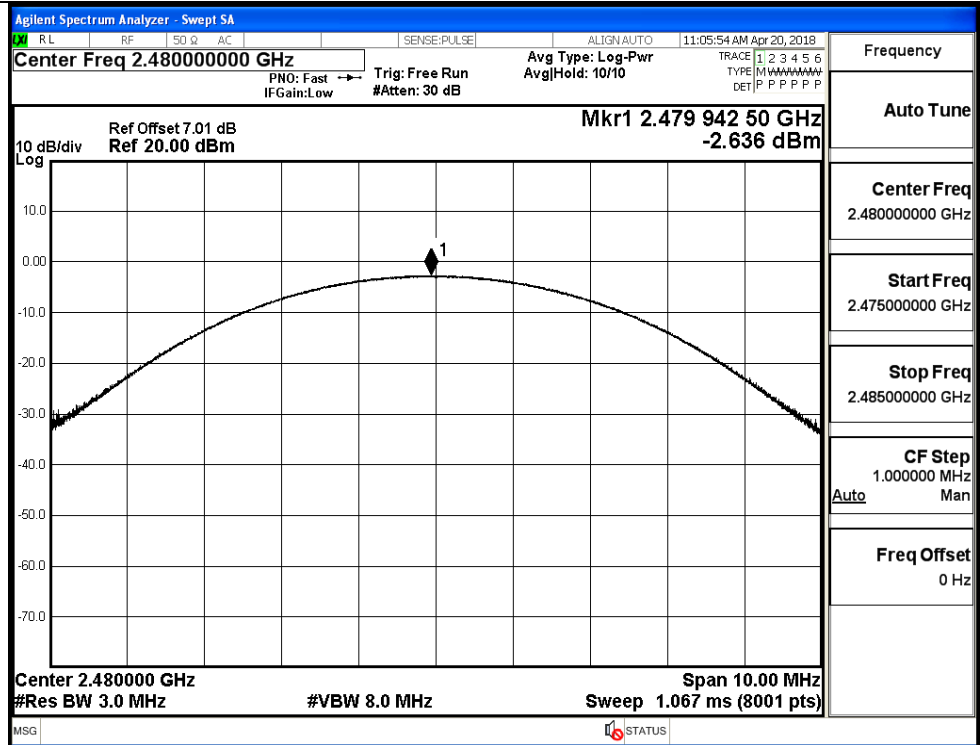
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

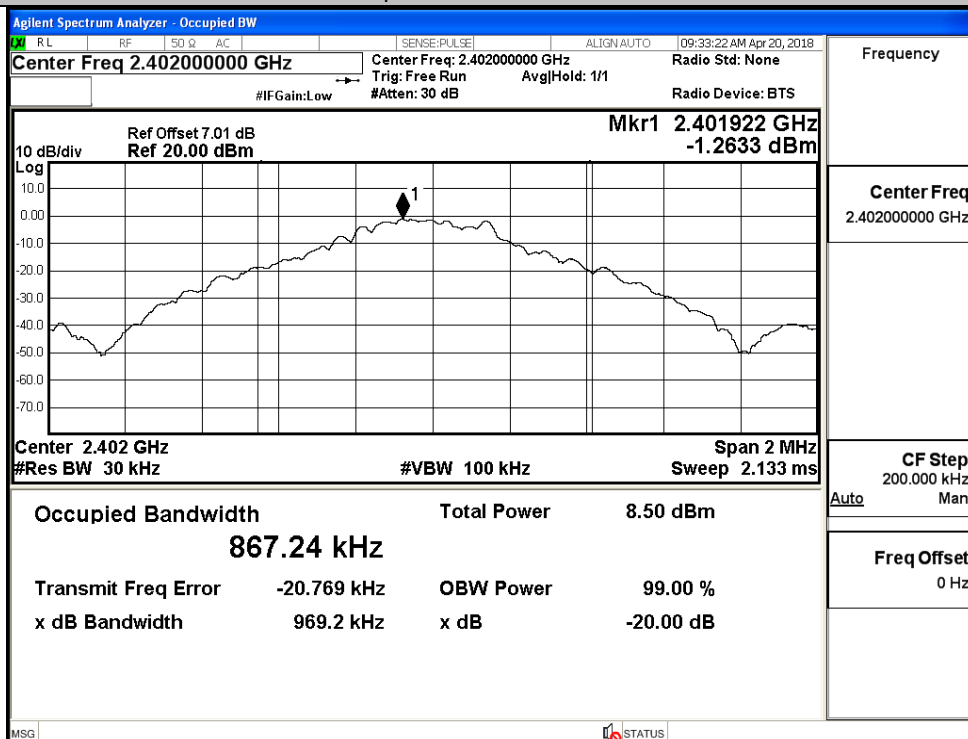


## A.2 20dB Bandwidth

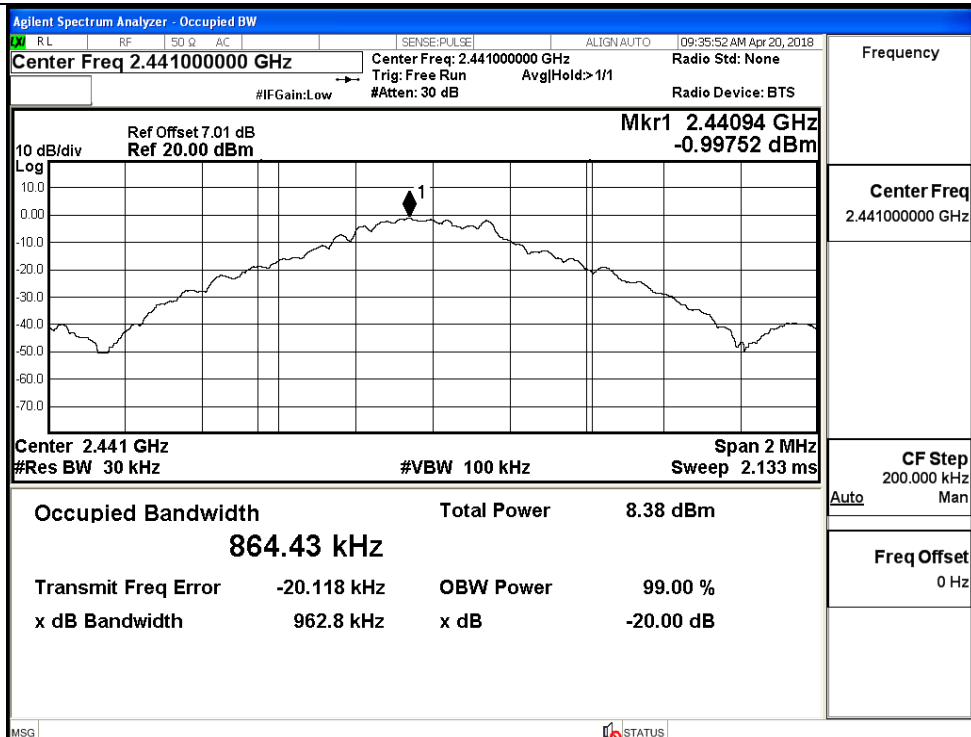
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9692	Not Specified	PASS
	MCH	0.9628	Not Specified	PASS
	HCH	0.9600	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.441	Not Specified	PASS
	MCH	1.439	Not Specified	PASS
	HCH	1.439	Not Specified	PASS
8DPSK	LCH	1.486	Not Specified	PASS
	MCH	1.483	Not Specified	PASS
	HCH	1.485	Not Specified	PASS

### Test Graphs

GFSK/LCH



GFSK/MCH



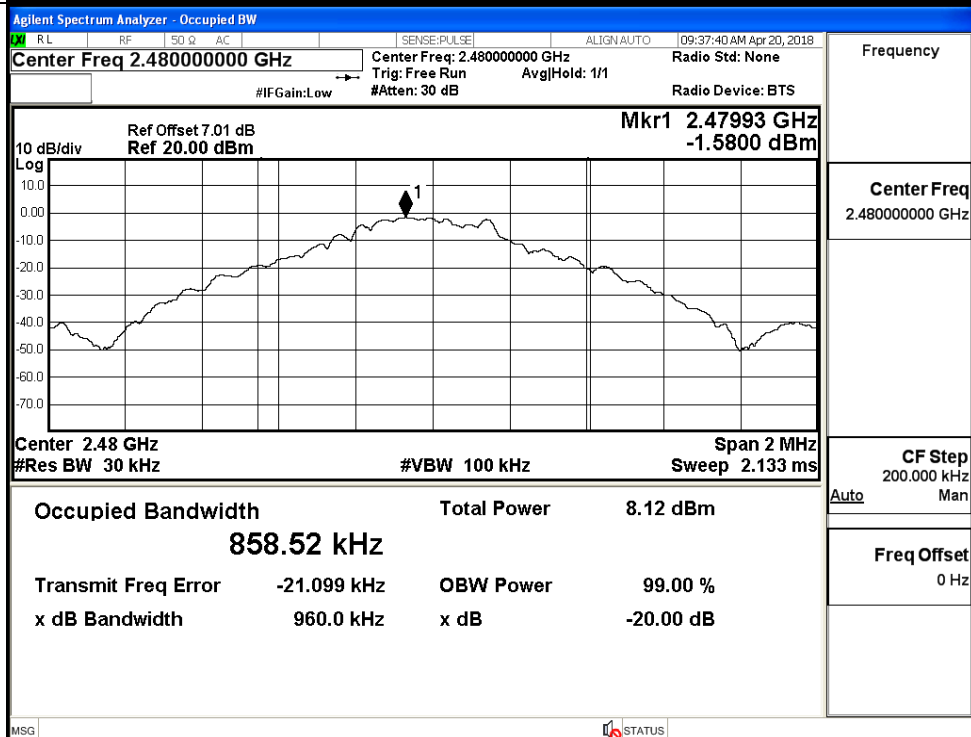
Frequency

Center Freq  
2.441000000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz

GFSK/HCH



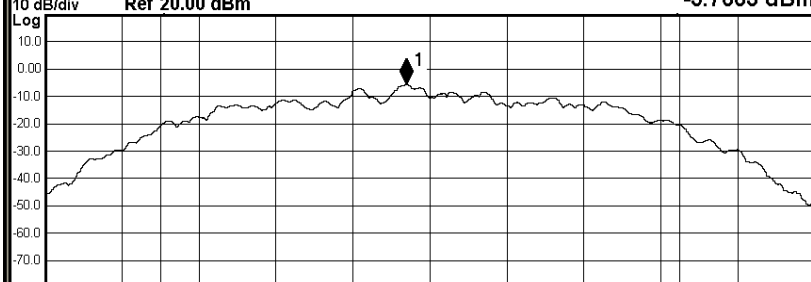
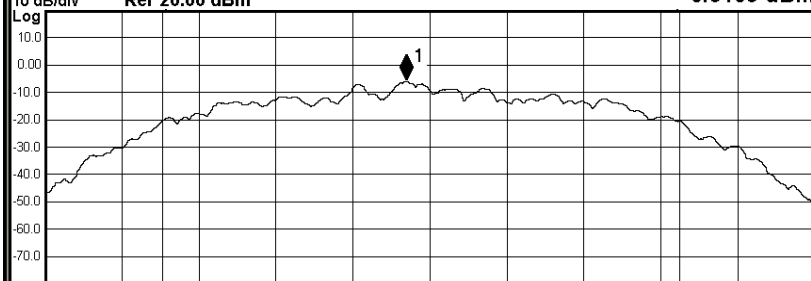
Frequency

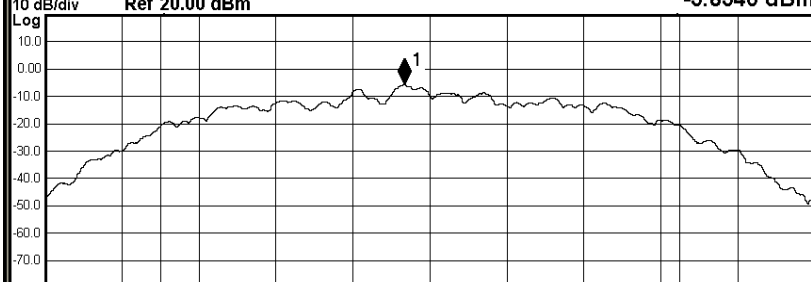
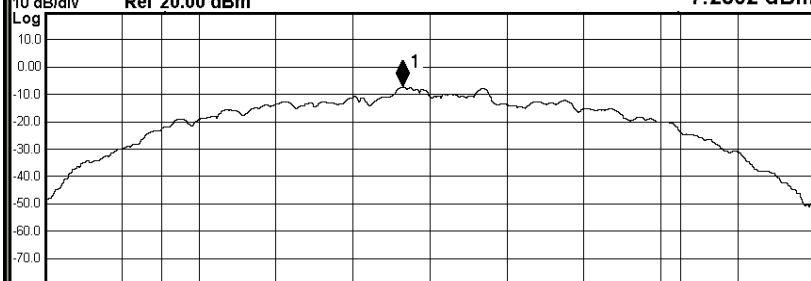
Center Freq  
2.480000000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz



$\pi/4$ DQPSK/LCH	<div>Agilent Spectrum Analyzer - Occupied BW</div> <div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div>SENSE:PULSE</div><div>ALIGN AUTO</div><div>09:40:08 AM Apr 20, 2018</div></div><div><div>Center Freq 2.402000000 GHz</div><div>Center Freq: 2.402000000 GHz</div><div>Radio Std: None</div><div>Trig: Free Run</div><div>Avg/Hold: 1/1</div><div>Radio Device: BTS</div><div>#IFGain:Low</div><div>#Atten: 30 dB</div></div></div>			Frequency
	<div><div>Ref Offset 7.01 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.40194 GHz</div><div>-5.7663 dBm</div></div> <div><div>10 dB/div</div><div>Log</div><div></div></div> <div><div>Center 2.402 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div> <div><div>Occupied Bandwidth</div><div>1.3425 MHz</div><div>Total Power</div><div>4.53 dBm</div></div> <div><div>Transmit Freq Error</div><div>-23.308 kHz</div><div>OBW Power</div><div>99.00 %</div></div> <div><div>x dB Bandwidth</div><div>1.441 MHz</div><div>x dB</div><div>-20.00 dB</div></div> <div>MSG</div> <div>STATUS</div>			Center Freq 2.402000000 GHz
				CF Step 200.000 kHz Auto Man
				Freq Offset 0 Hz
$\pi/4$ DQPSK/MCH	<div>Agilent Spectrum Analyzer - Occupied BW</div> <div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div>SENSE:PULSE</div><div>ALIGN AUTO</div><div>09:42:32 AM Apr 20, 2018</div></div><div><div>Center Freq 2.441000000 GHz</div><div>Center Freq: 2.441000000 GHz</div><div>Radio Std: None</div><div>Trig: Free Run</div><div>Avg/Hold: 1/1</div><div>Radio Device: BTS</div><div>#IFGain:Low</div><div>#Atten: 30 dB</div></div></div>			Frequency
	<div><div>Ref Offset 7.01 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.440938 GHz</div><div>-5.9169 dBm</div></div> <div><div>10 dB/div</div><div>Log</div><div></div></div> <div><div>Center 2.441 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div> <div><div>Occupied Bandwidth</div><div>1.3403 MHz</div><div>Total Power</div><div>4.42 dBm</div></div> <div><div>Transmit Freq Error</div><div>-21.772 kHz</div><div>OBW Power</div><div>99.00 %</div></div> <div><div>x dB Bandwidth</div><div>1.439 MHz</div><div>x dB</div><div>-20.00 dB</div></div> <div>MSG</div> <div>STATUS</div>			Center Freq 2.441000000 GHz
				CF Step 200.000 kHz Auto Man
				Freq Offset 0 Hz

$\pi/4$ DQPSK/HCH	<div>Agilent Spectrum Analyzer - Occupied BW</div> <div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div>SENSE:PULSE</div><div>ALIGN AUTO</div><div>09:44:13 AM Apr 20, 2018</div></div><div><div>Center Freq 2.480000000 GHz</div><div>Center Freq: 2.480000000 GHz</div><div>Trig: Free Run</div><div>Avg/Hold: &gt; 1/1</div><div>Radio Std: None</div></div><div><div>#IFGain: Low</div><div>#Atten: 30 dB</div><div>Radio Device: BTS</div></div></div> <div><div>Ref Offset 7.01 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.479934 GHz</div><div>-5.8540 dBm</div></div> <div></div> <div><div>Center 2.48 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div> <div><div>Occupied Bandwidth</div><div>1.3418 MHz</div><div>Total Power</div><div>4.42 dBm</div></div> <div><div>Transmit Freq Error</div><div>-23.232 kHz</div><div>OBW Power</div><div>99.00 %</div></div> <div><div>x dB Bandwidth</div><div>1.439 MHz</div><div>x dB</div><div>-20.00 dB</div></div> <div>MSG</div> <div>STATUS</div>	<div>Frequency</div> <div>Center Freq</div> <div>2.480000000 GHz</div> <div>CF Step</div> <div>200.000 kHz</div> <div>Auto</div> <div>Man</div> <div>Freq Offset</div> <div>0 Hz</div>	
	8DPSK/LCH	<div>Agilent Spectrum Analyzer - Occupied BW</div> <div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div>SENSE:PULSE</div><div>ALIGN AUTO</div><div>09:46:42 AM Apr 20, 2018</div></div><div><div>Center Freq 2.402000000 GHz</div><div>Center Freq: 2.402000000 GHz</div><div>Trig: Free Run</div><div>Avg/Hold: &gt; 1/1</div><div>Radio Std: None</div></div><div><div>#IFGain: Low</div><div>#Atten: 30 dB</div><div>Radio Device: BTS</div></div></div> <div><div>Ref Offset 7.01 dB</div><div>Ref 20.00 dBm</div><div>Mkr1 2.40193 GHz</div><div>-7.2802 dBm</div></div> <div></div> <div><div>Center 2.402 GHz</div><div>#Res BW 30 kHz</div><div>#VBW 100 kHz</div><div>Span 2 MHz</div><div>Sweep 2.133 ms</div></div> <div><div>Occupied Bandwidth</div><div>1.3486 MHz</div><div>Total Power</div><div>3.32 dBm</div></div> <div><div>Transmit Freq Error</div><div>-22.882 kHz</div><div>OBW Power</div><div>99.00 %</div></div> <div><div>x dB Bandwidth</div><div>1.486 MHz</div><div>x dB</div><div>-20.00 dB</div></div> <div>MSG</div> <div>STATUS</div>	<div>Frequency</div> <div>Center Freq</div> <div>2.402000000 GHz</div> <div>CF Step</div> <div>200.000 kHz</div> <div>Auto</div> <div>Man</div> <div>Freq Offset</div> <div>0 Hz</div>

Center Freq 2.402000000 GHz

Center Freq: 2.402000000 GHz

Trig: Free Run

Avg/Hold: > 1/1

Radio Std: None

#IFGain: Low

#Atten: 30 dB

Radio Device: BTS

Ref Offset 7.01 dB

Ref 20.00 dBm

Mkr1 2.40193 GHz

-7.2802 dBm

Center 2.402 GHz

#Res BW 30 kHz

#VBW 100 kHz

Span 2 MHz

Sweep 2.133 ms

Occupied Bandwidth

1.3486 MHz

Total Power

3.32 dBm

Transmit Freq Error

-22.882 kHz

OBW Power

99.00 %

x dB Bandwidth

1.486 MHz

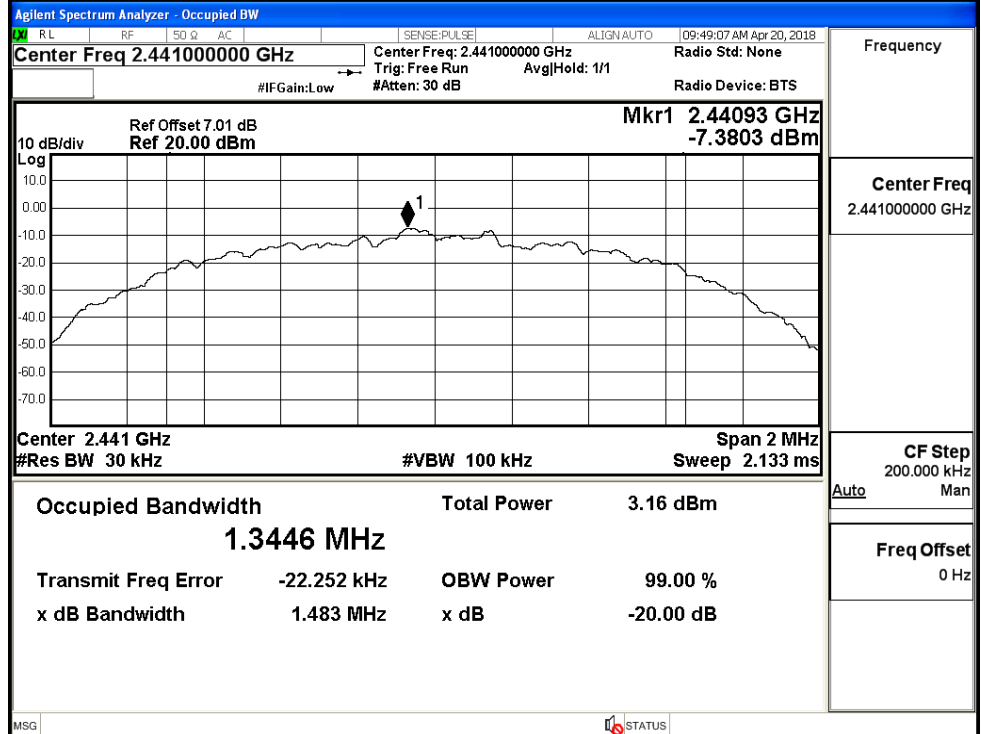
x dB

-20.00 dB

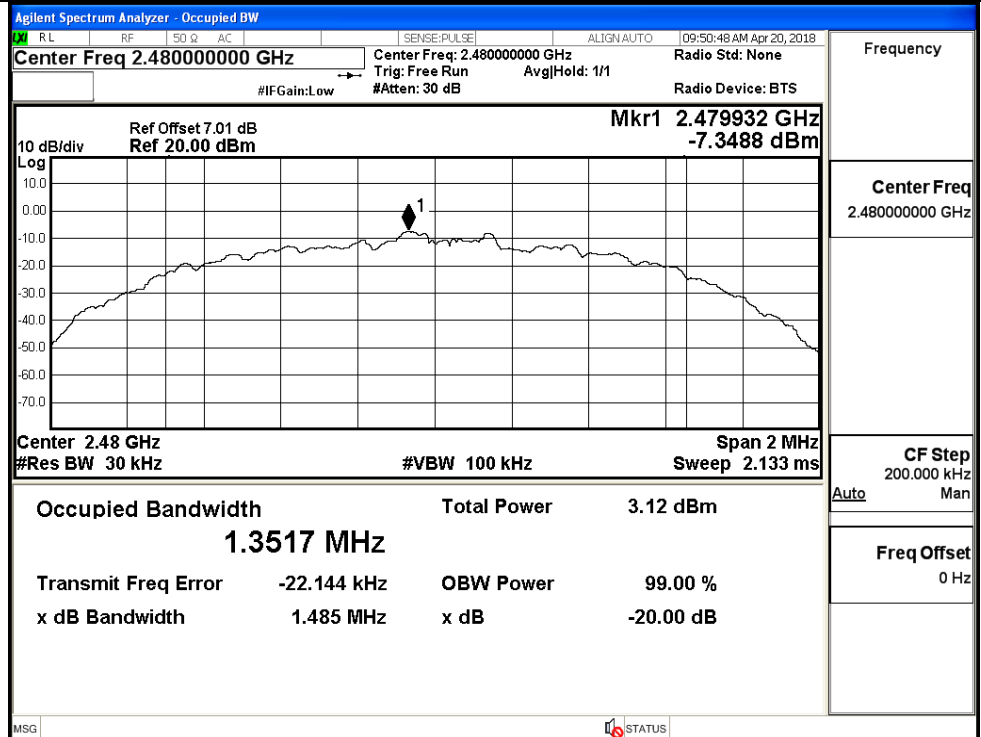
MSG

STATUS

8DPSK/MCH

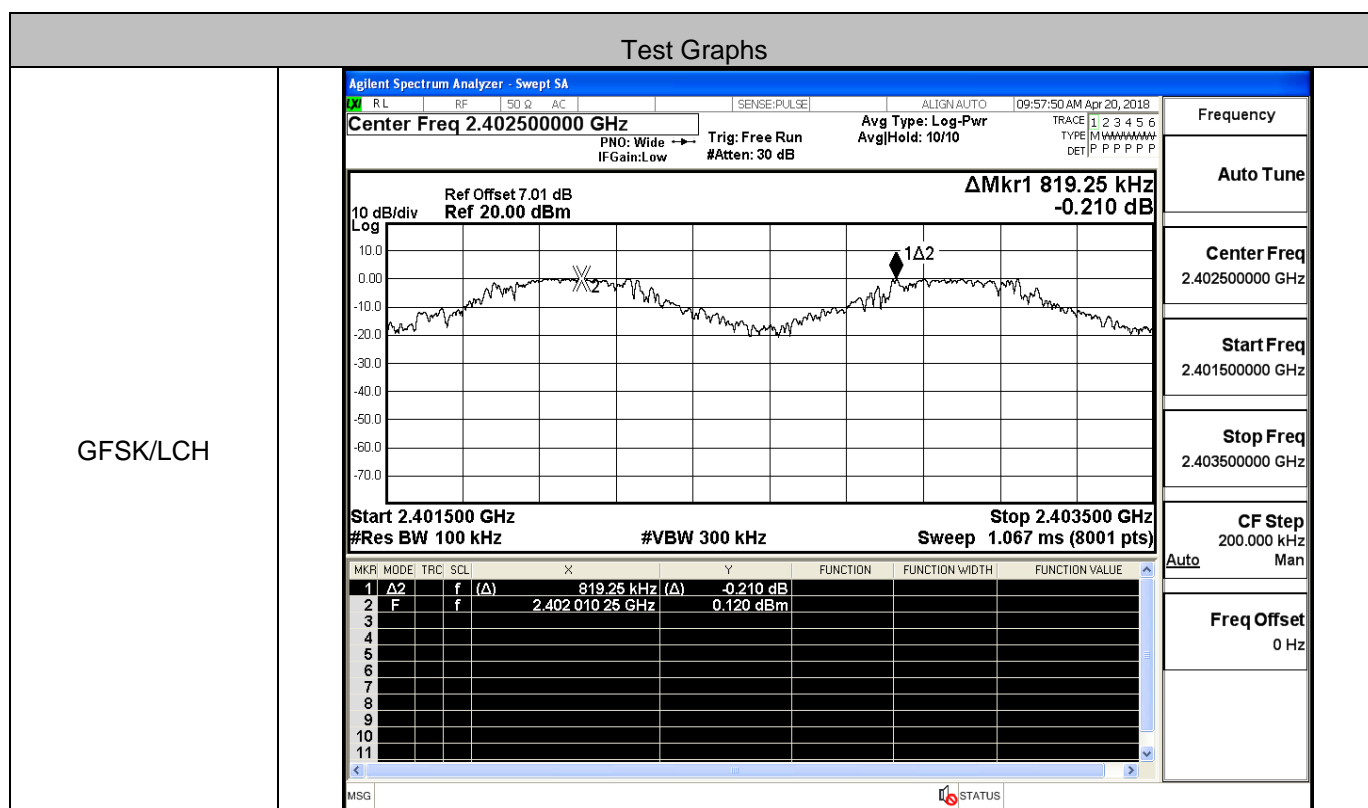


8DPSK/HCH

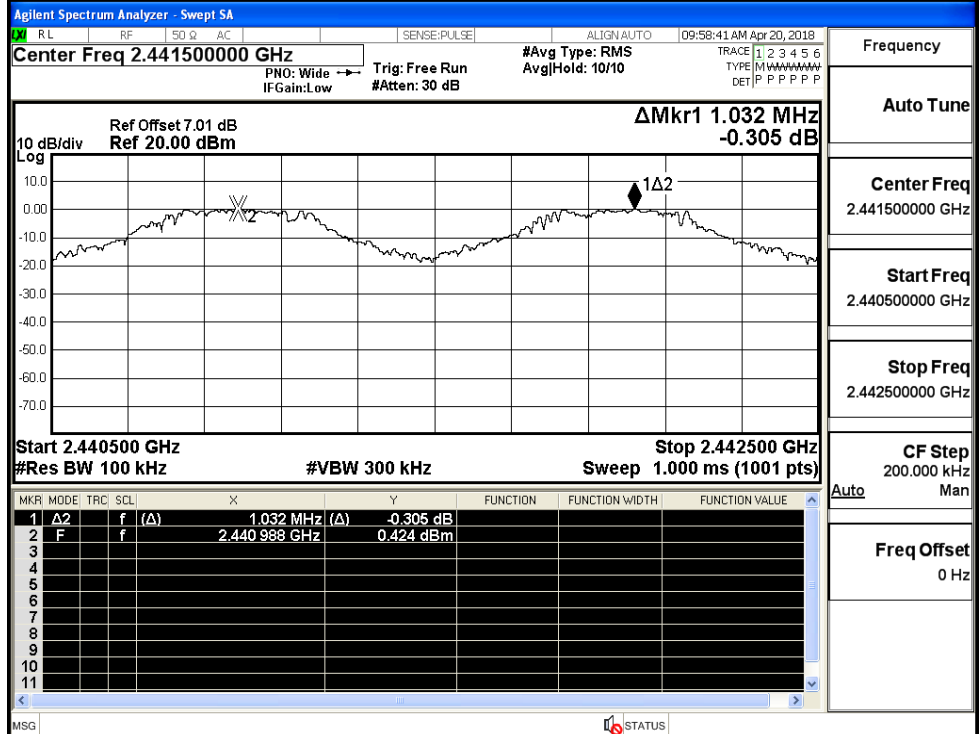


### A.3 Carrier Frequency Separation

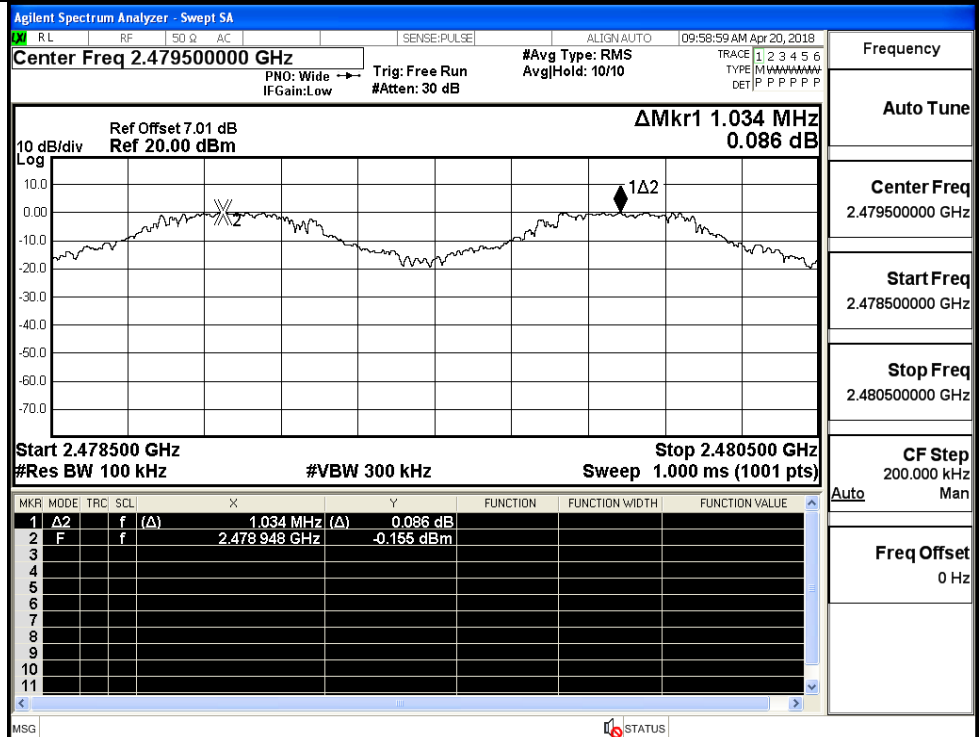
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.819	0.646	PASS
	MCH	1.032	0.646	PASS
	HCH	1.034	0.646	PASS
$\pi/4$ DQPSK	LCH	1.086	0.960	PASS
	MCH	0.972	0.959	PASS
	HCH	1.086	0.959	PASS
8DPSK	LCH	1.018	0.990	PASS
	MCH	1.070	0.988	PASS
	HCH	0.998	0.990	PASS

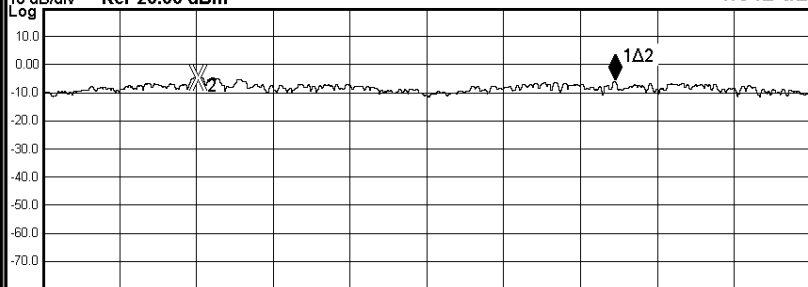


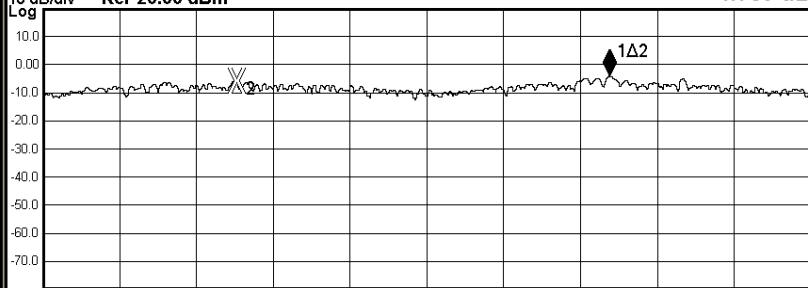
GFSK/MCH

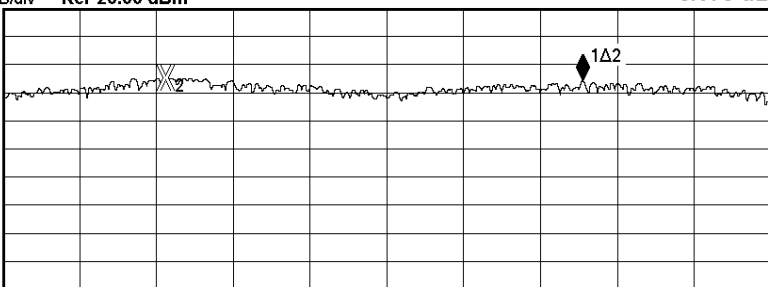
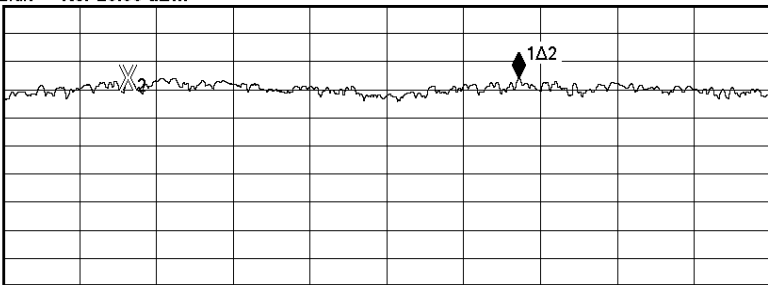


GFSK/HCH



$\pi/4$ DQPSK/LCH	<div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div><div><div><div>RL</div><div>RF</div><div>50 <math>\Omega</math></div><div>AC</div></div><div>SENSE:PULSE</div><div>ALIGN: AUTO</div><div>10:01:36 AM Apr 20, 2018</div></div></div><div><div>Center Freq 2.402500000 GHz</div><div><div>PN0: Wide</div><div>IFGain: Low</div></div><div><div>Trig: Free Run</div><div>#Atten: 30 dB</div></div><div><div>#Avg Type: RMS</div><div>Avg/Hold: 10/10</div></div><div><div>TRACE 1 2 3 4 5 6</div><div>TYPE M W W W W W W W</div><div>DET P P P P P P P</div></div></div></div><div><div>Ref Offset 7.01 dB</div><div>Ref 20.00 dBm</div><div><math>\Delta</math>Mkr1 1.086 MHz</div><div>-1.342 dB</div></div><div><div>10 dB/div</div><div>Log</div><div></div></div><div><div>Start 2.401500 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 2.403500 GHz</div><div>Sweep 1.000 ms (1001 pts)</div></div><div><table><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><tr><td>1</td><td><math>\Delta</math>2</td><td>f</td><td>(<math>\Delta</math>)</td><td>1.086 MHz</td><td>(<math>\Delta</math>)</td><td>-1.342 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>f</td><td></td><td>2.401904 GHz</td><td></td><td>-4.670 dBm</td><td></td><td></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></table></div><div>MSG</div><div>STATUS</div></div> <tr><td>Frequency</td></tr> <tr><td>Auto Tune</td></tr> <tr><td>Center Freq 2.402500000 GHz</td></tr> <tr><td>Start Freq 2.401500000 GHz</td></tr> <tr><td>Stop Freq 2.403500000 GHz</td></tr> <tr><td>CF Step 200.000 kHz</td></tr> <tr><td>Auto Man</td></tr> <tr><td>Freq Offset 0 Hz</td></tr>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	$\Delta$ 2	f	( $\Delta$ )	1.086 MHz	( $\Delta$ )	-1.342 dB			2	F	f		2.401904 GHz		-4.670 dBm			3									4									5									6									7									8									9									10									11									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
	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																																												
	1	$\Delta$ 2	f	( $\Delta$ )	1.086 MHz	( $\Delta$ )	-1.342 dB																																																																																																														
	2	F	f		2.401904 GHz		-4.670 dBm																																																																																																														
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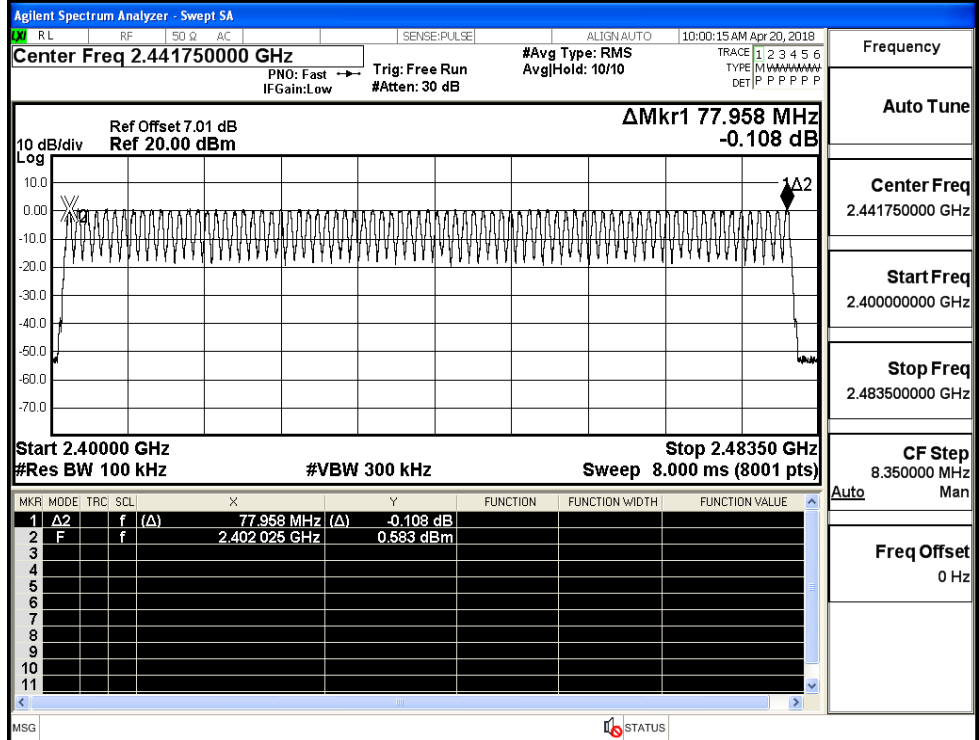
#### A.4 Hopping Channel Number

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



# Test Graphs

GFSK/Hop



Frequency

Auto Tune

Center Freq  
2.441750000 GHz

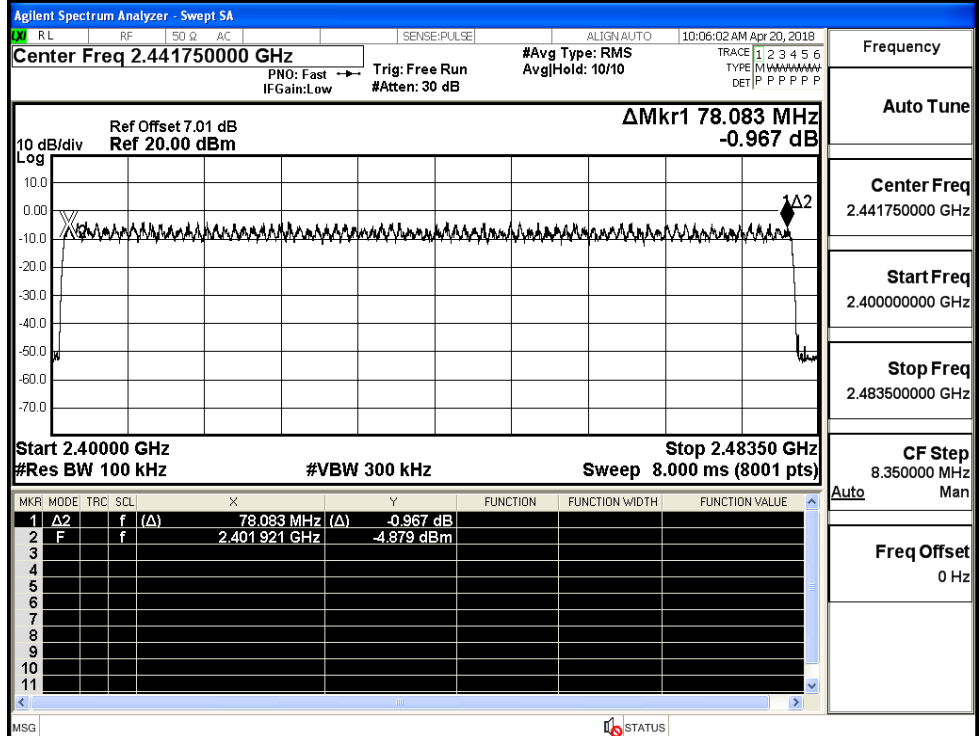
Start Freq  
2.400000000 GHz

Stop Freq  
2.483500000 GHz

CF Step  
8.350000 MHz  
Man

Freq Offset  
0 Hz

π/4DQPSK/Hop



Frequency

Auto Tune

Center Freq  
2.441750000 GHz

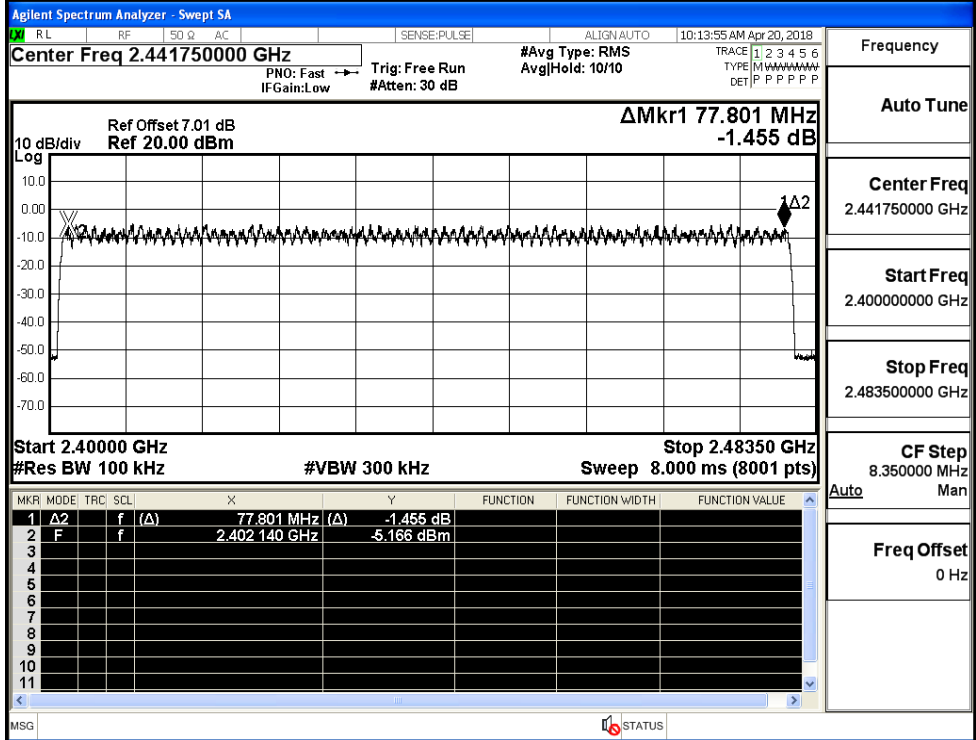
Start Freq  
2.400000000 GHz

Stop Freq  
2.483500000 GHz

CF Step  
8.350000 MHz  
Man

Freq Offset  
0 Hz

8DPSK/Hop

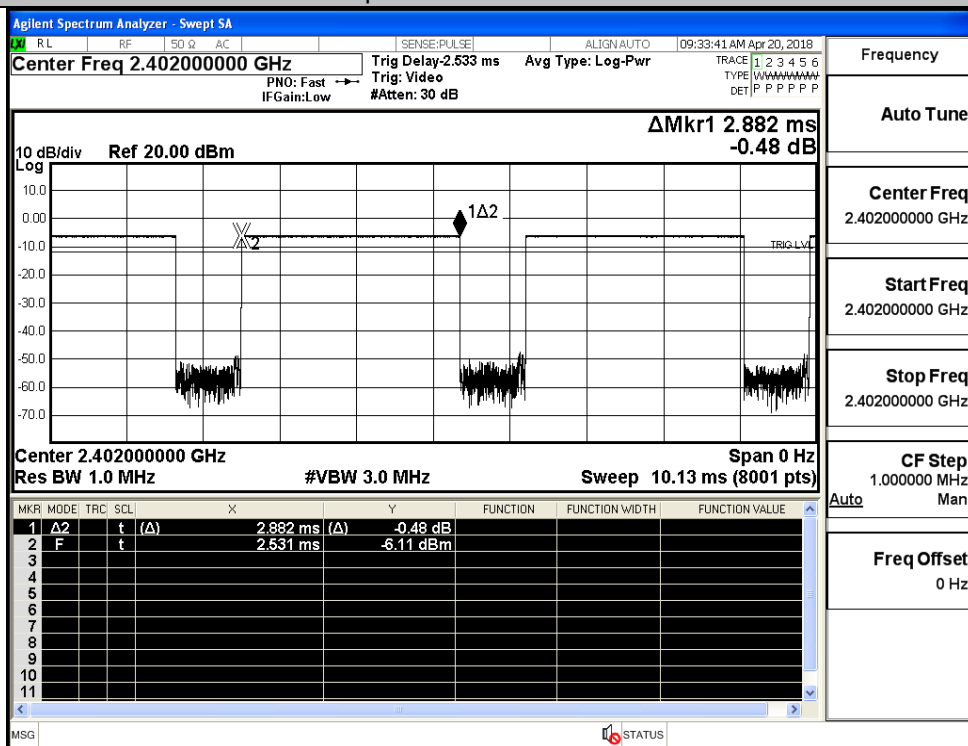


## A.5 Dwell Time

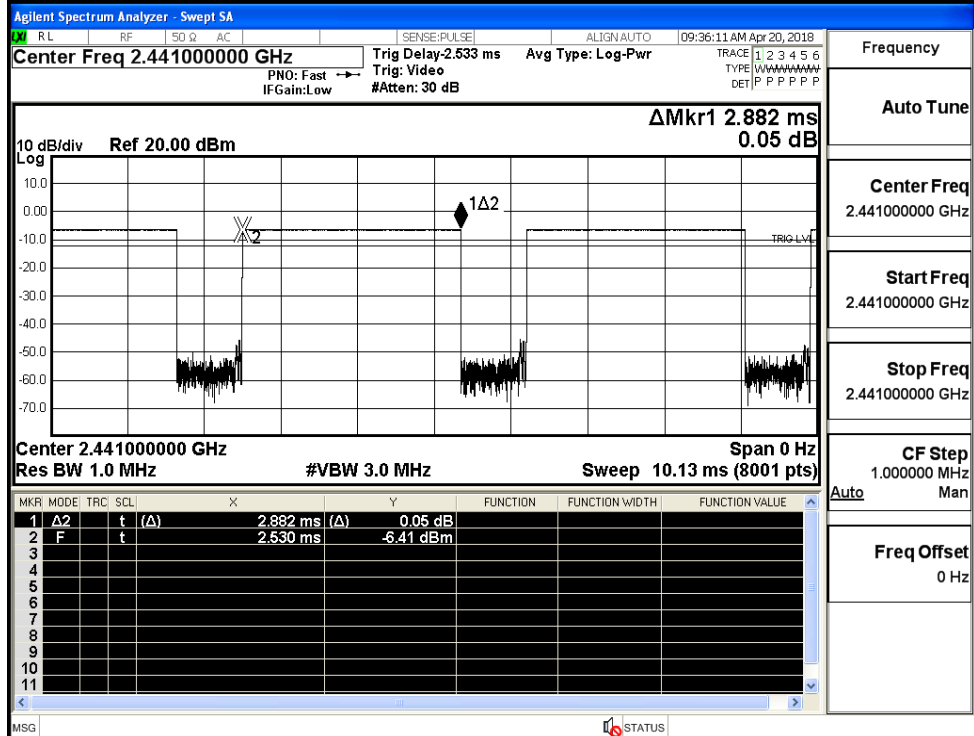
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
GFSK	DH5	LCH	2.88	106.7	0.307	0.4	PASS
	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
$\pi/4$ DQPSK	2DH5	LCH	2.74	106.7	0.292	0.4	PASS
	2DH5	MCH	2.92	106.7	0.311	0.4	PASS
	2DH5	HCH	2.92	106.7	0.311	0.4	PASS
8DPSK	3DH5	LCH	2.92	106.7	0.311	0.4	PASS
	3DH5	MCH	2.92	106.7	0.311	0.4	PASS
	3DH5	HCH	2.88	106.7	0.307	0.4	PASS

## Test Graphs

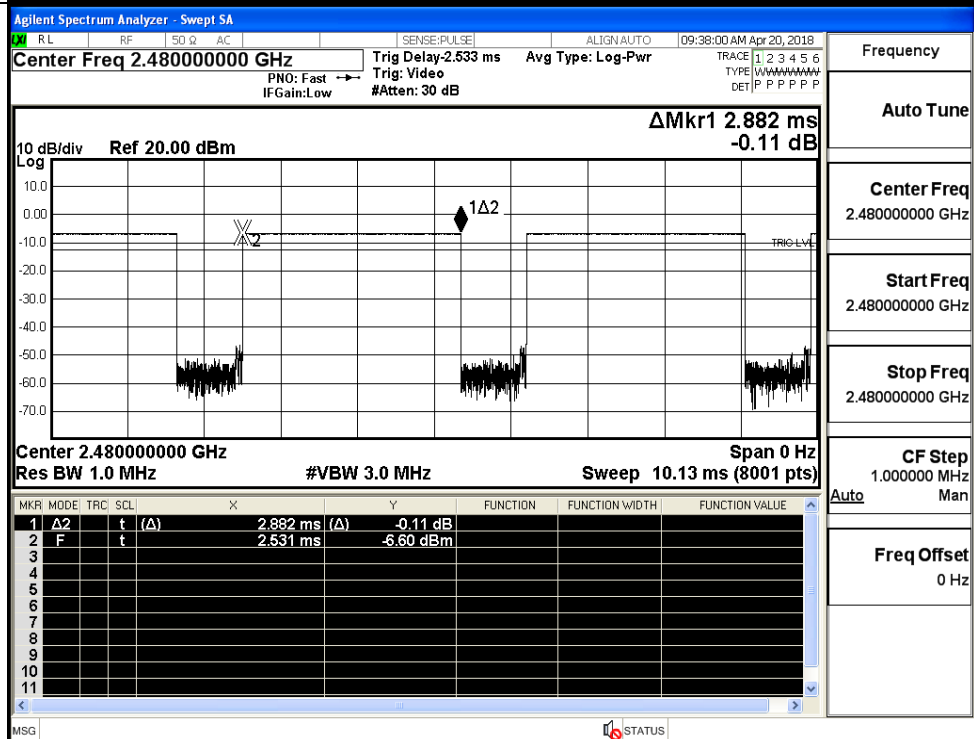
GFSK\_DH5/LCH



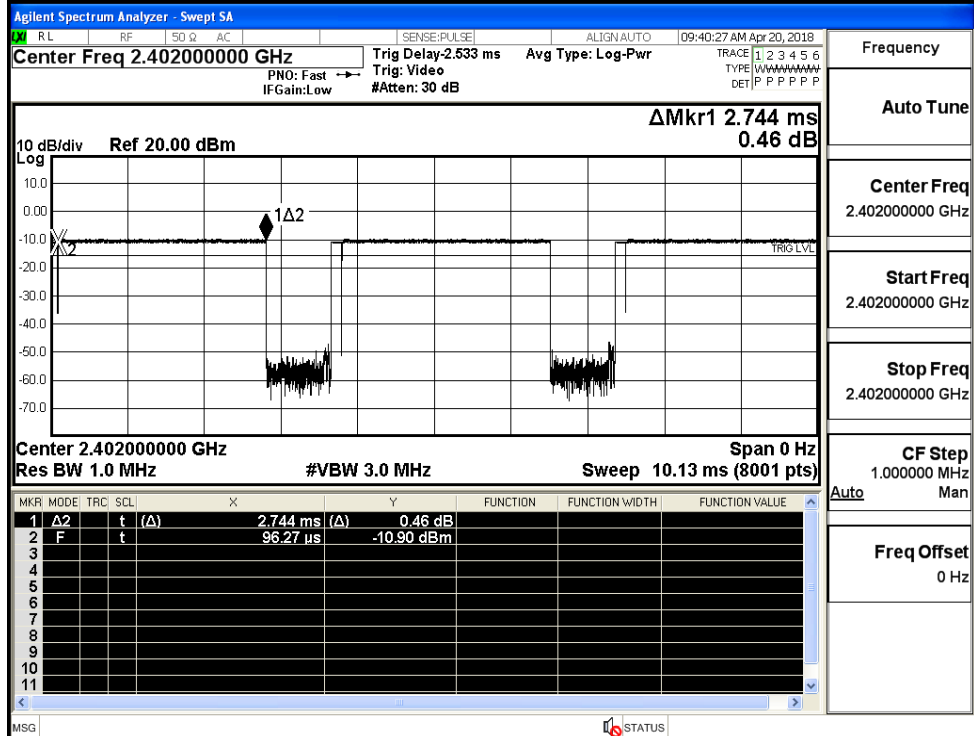
GFSK\_DH5/MCH



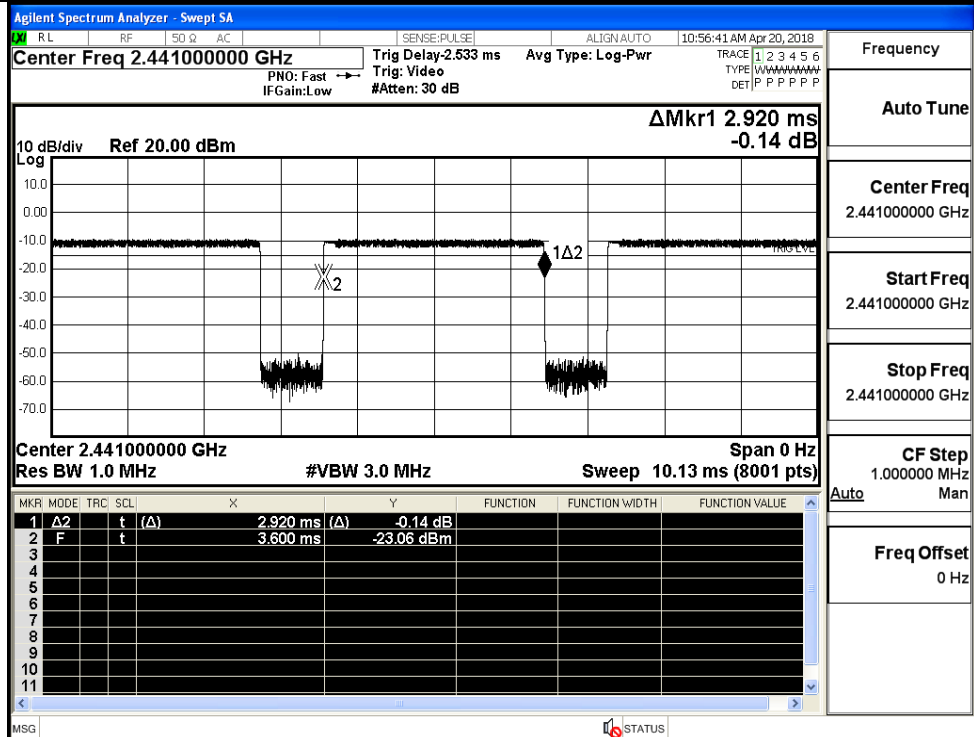
GFSK\_DH5/HCH



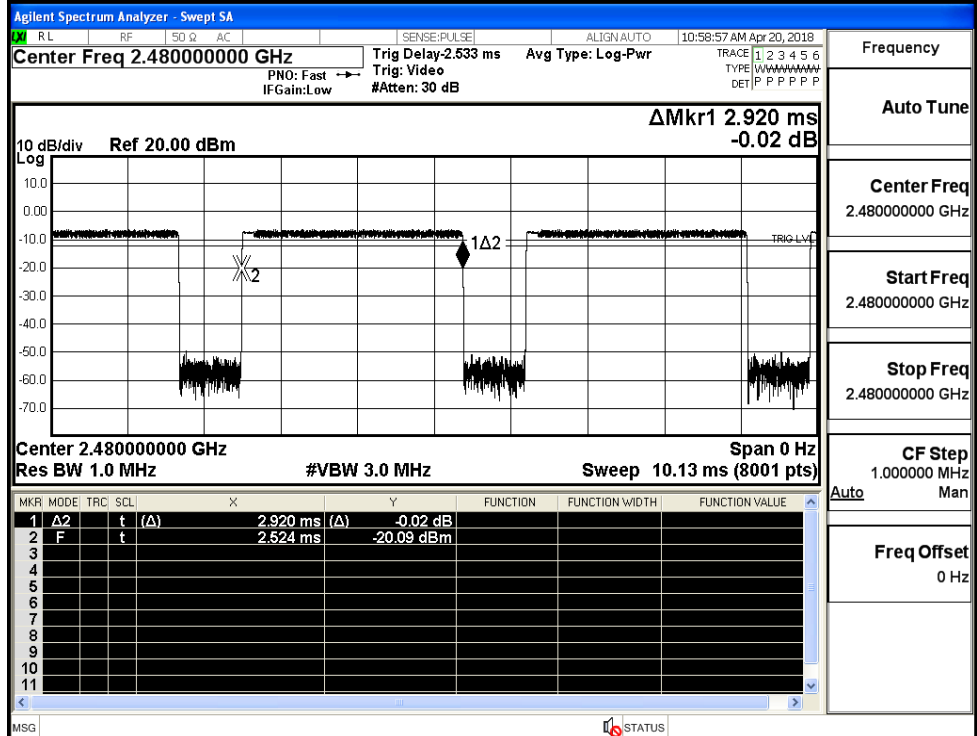
$\pi/4$ DQPSK  
\_2DH5/LCH



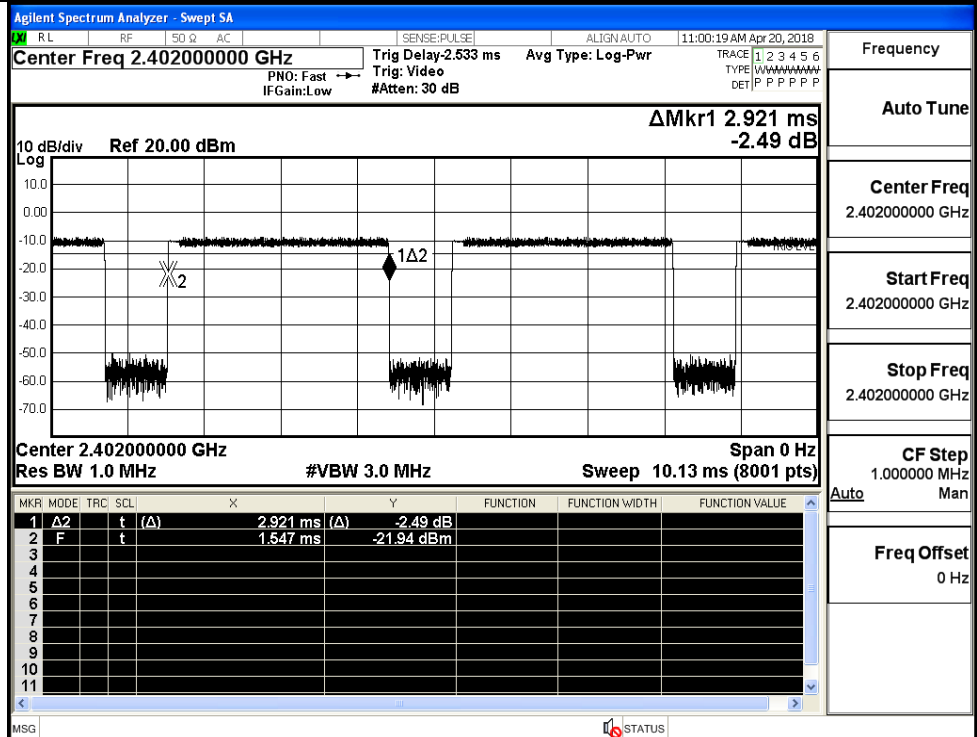
$\pi/4$ DQPSK  
\_2DH5/MCH



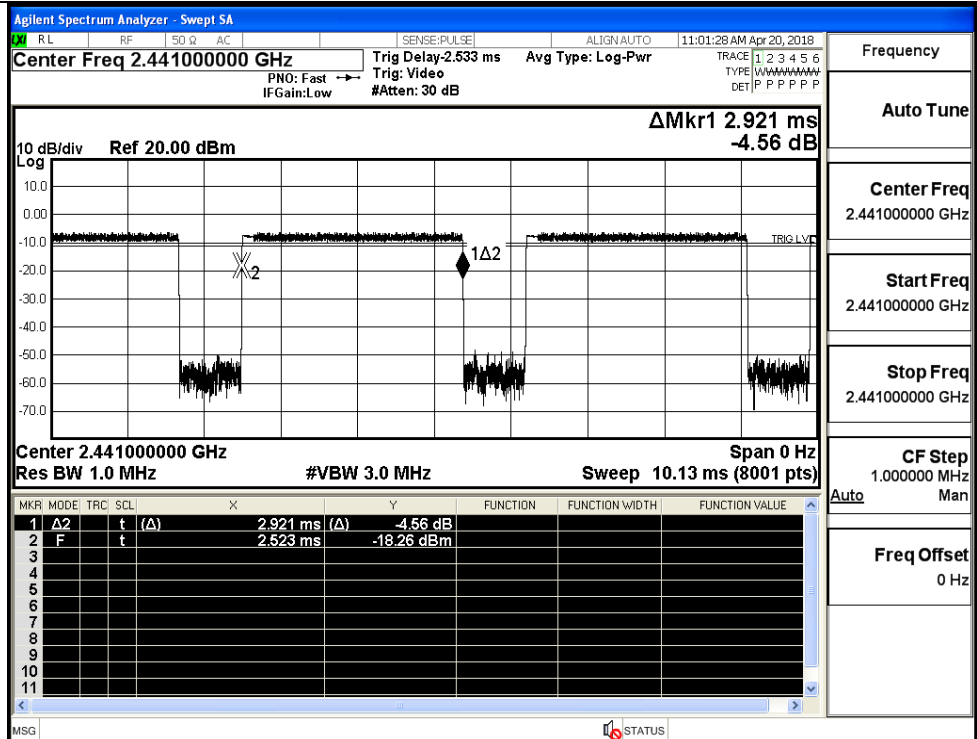
$\pi/4$ DQPSK  
\_2DH5/HCH



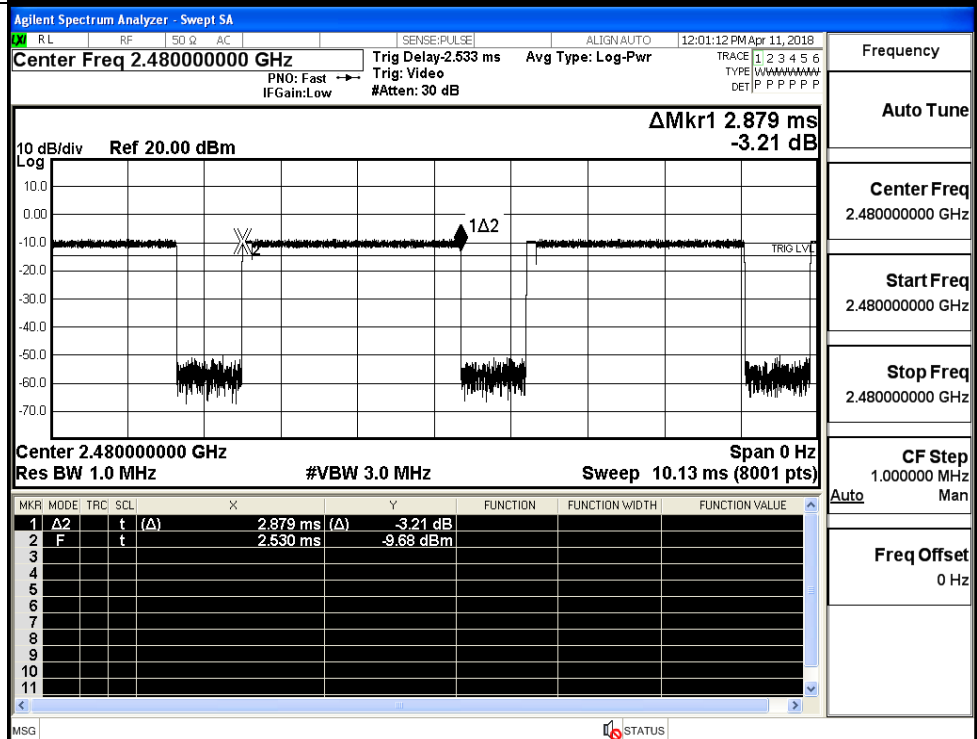
8DPSK \_3DH5/LCH



8DPSK\_3DH5/MCH



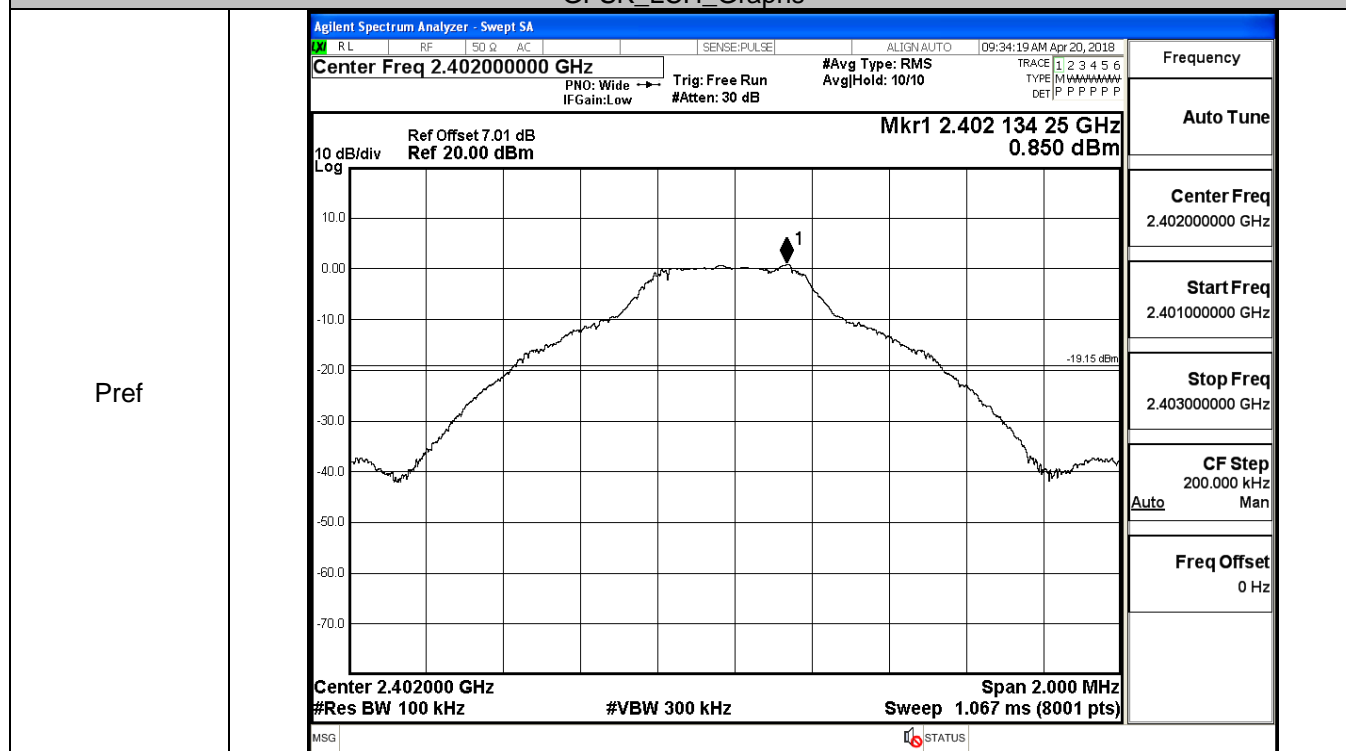
8DPSK\_3DH5/HCH



## A.6 RF Conducted Spurious Emissions

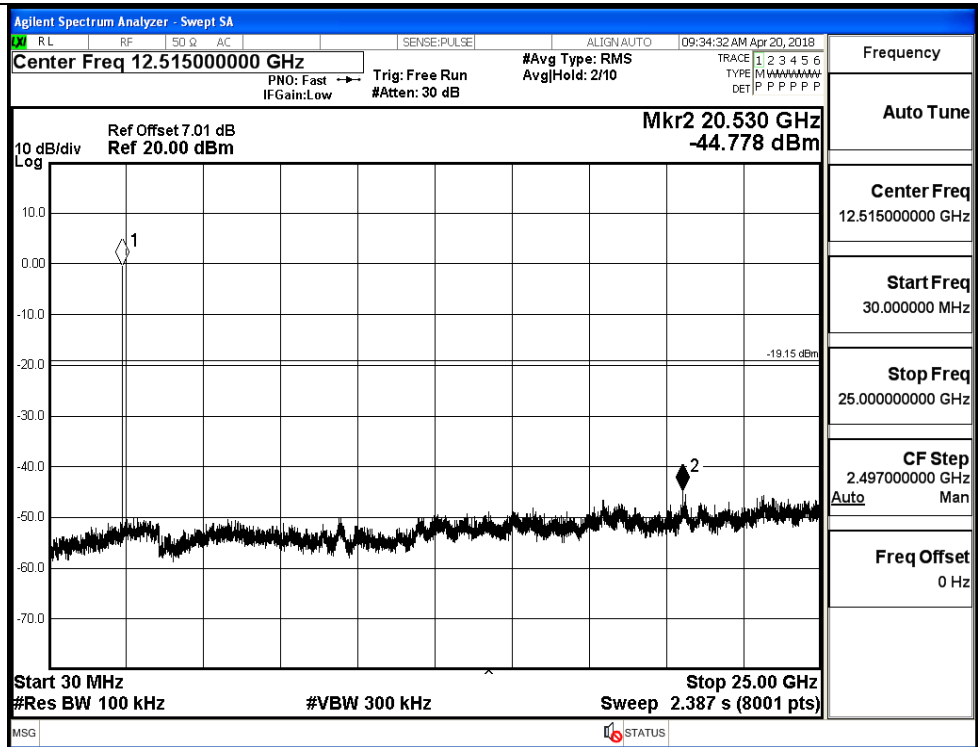
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.85	-44.778	-19.150	PASS
	MCH	0.671	-44.444	-19.329	PASS
	HCH	0.299	-45.210	-19.701	PASS
$\pi/4$ DQPSK	LCH	-4.052	-44.761	-24.052	PASS
	MCH	-4.107	-44.946	-24.107	PASS
	HCH	-4.191	-44.328	-24.191	PASS
8DPSK	LCH	-5.154	-45.171	-25.154	PASS
	MCH	-5.376	-45.972	-25.376	PASS
	HCH	-5.372	-45.604	-25.372	PASS

GFSK\_LCH\_Graphs



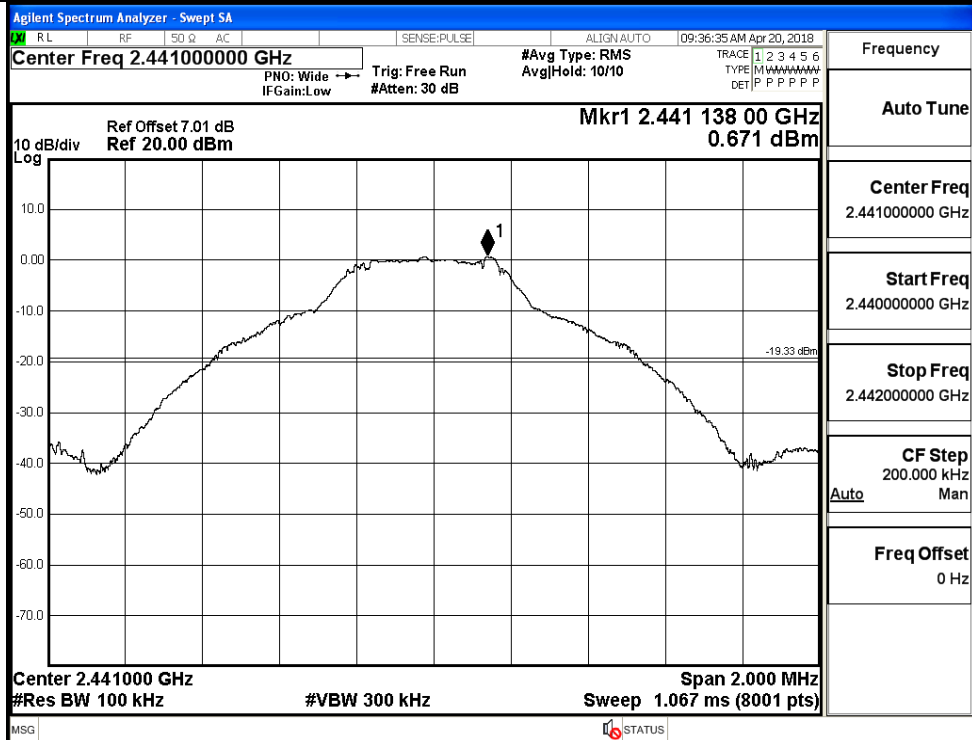


Puw

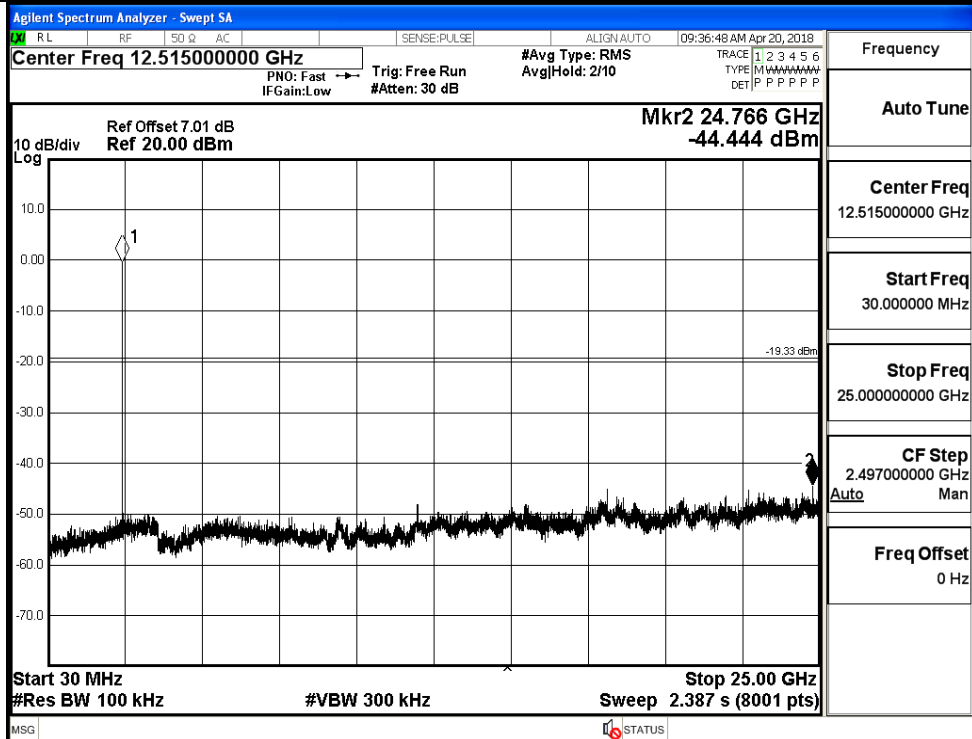


# GFSK\_MCH\_Graphs

Pref

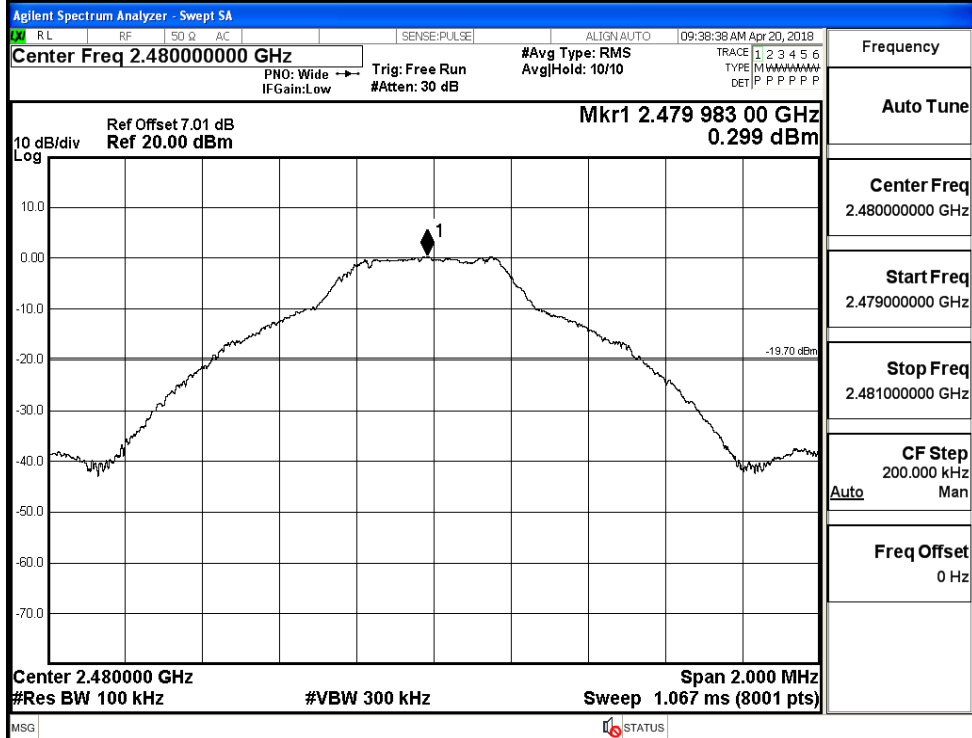


Puw

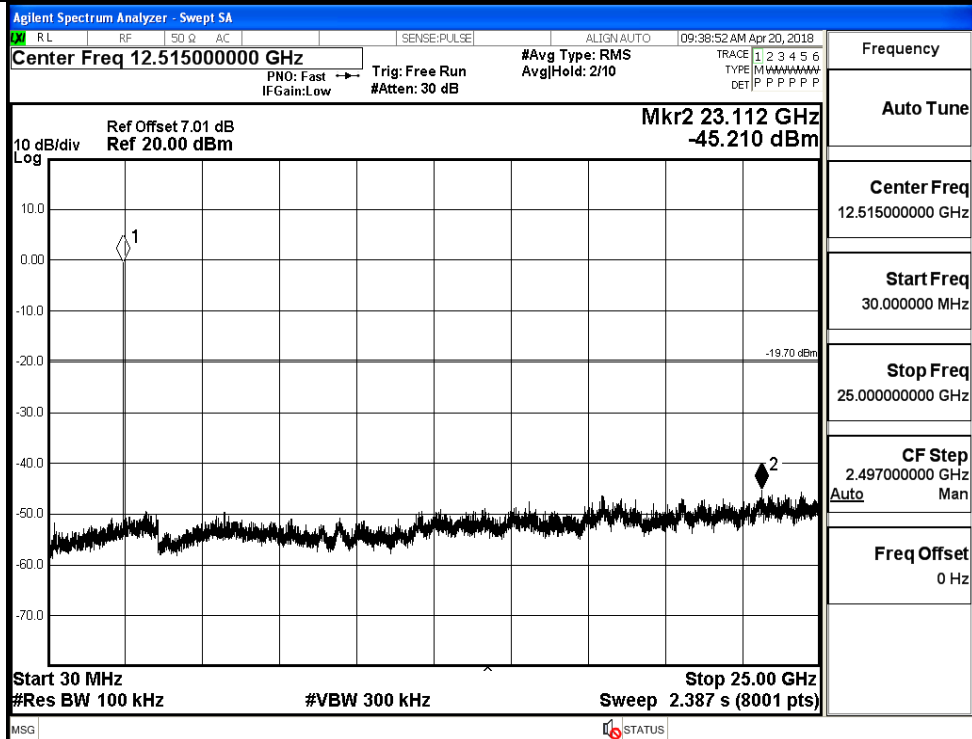


# GFSK\_HCH\_Graphs

Pref

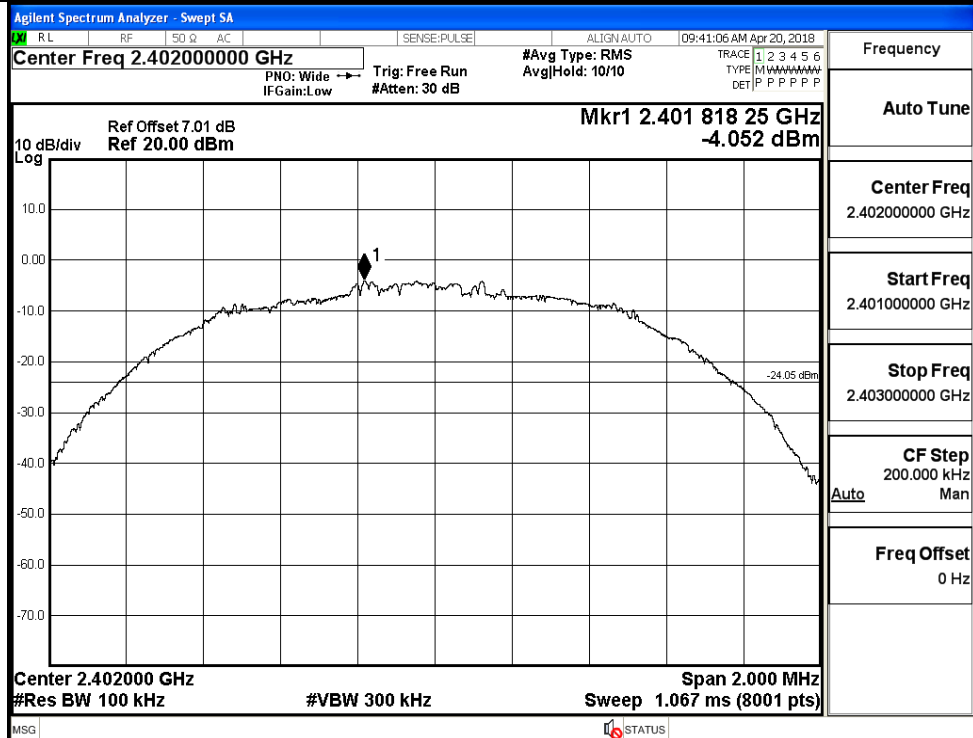


Puw

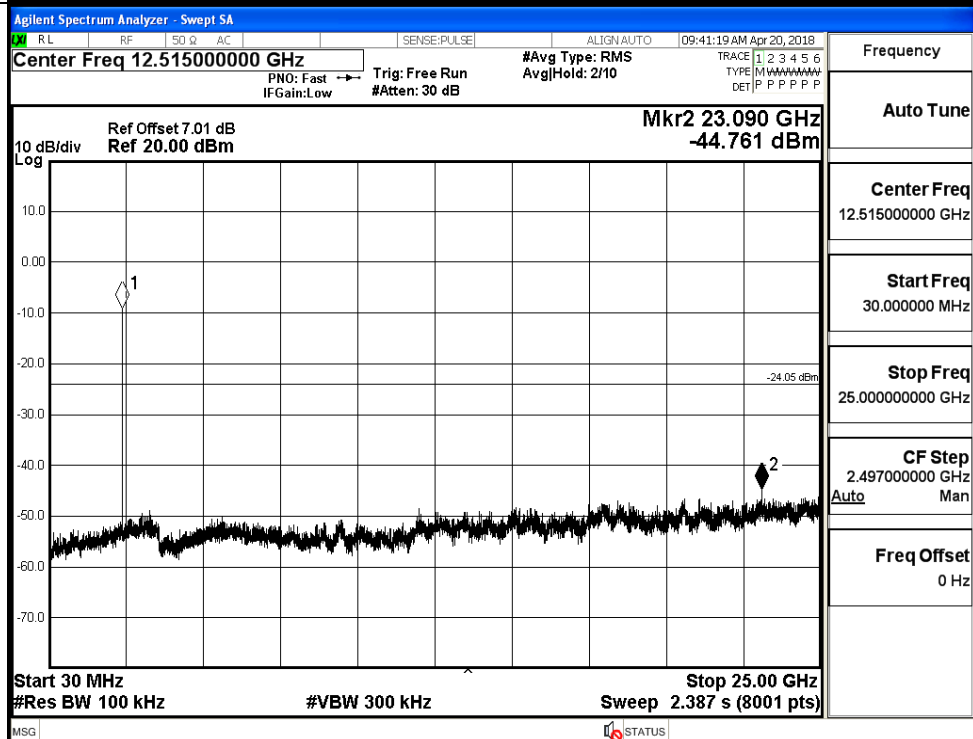


$\pi/4$ DQPSK LCH\_Graphs

Pref

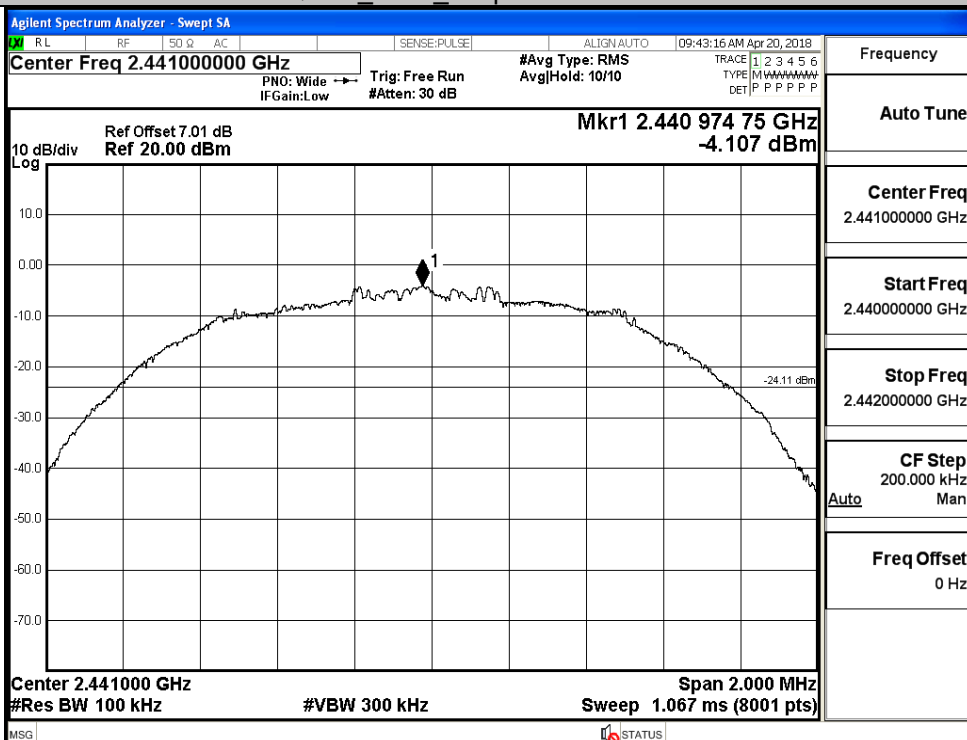


Puw

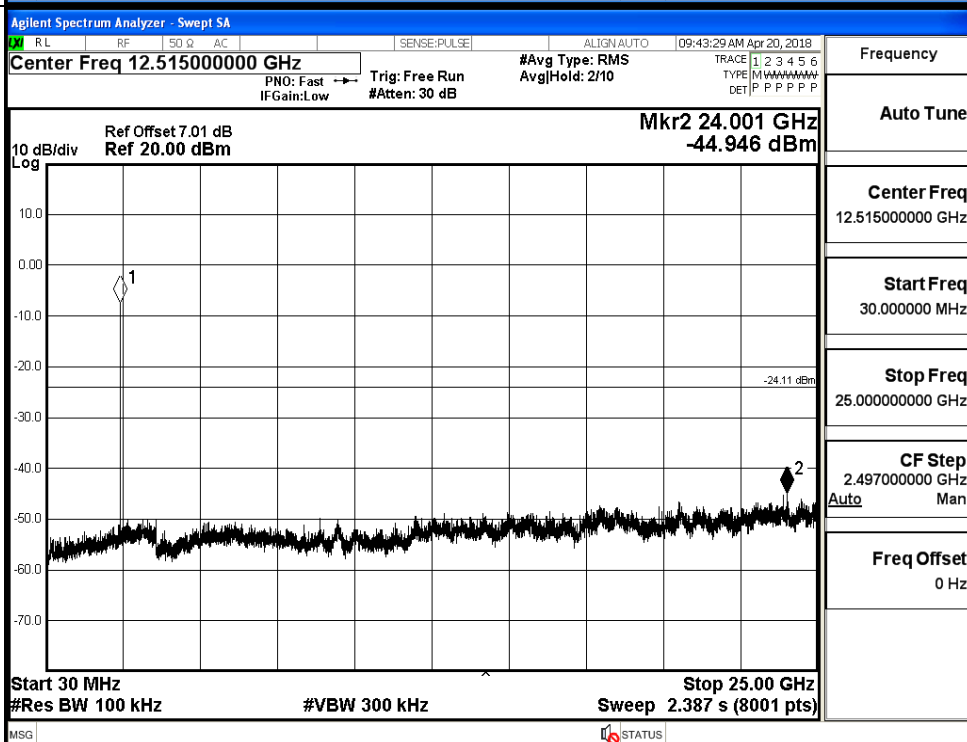


$\pi/4$ DQPSK\_MCH\_Graphs

Pref

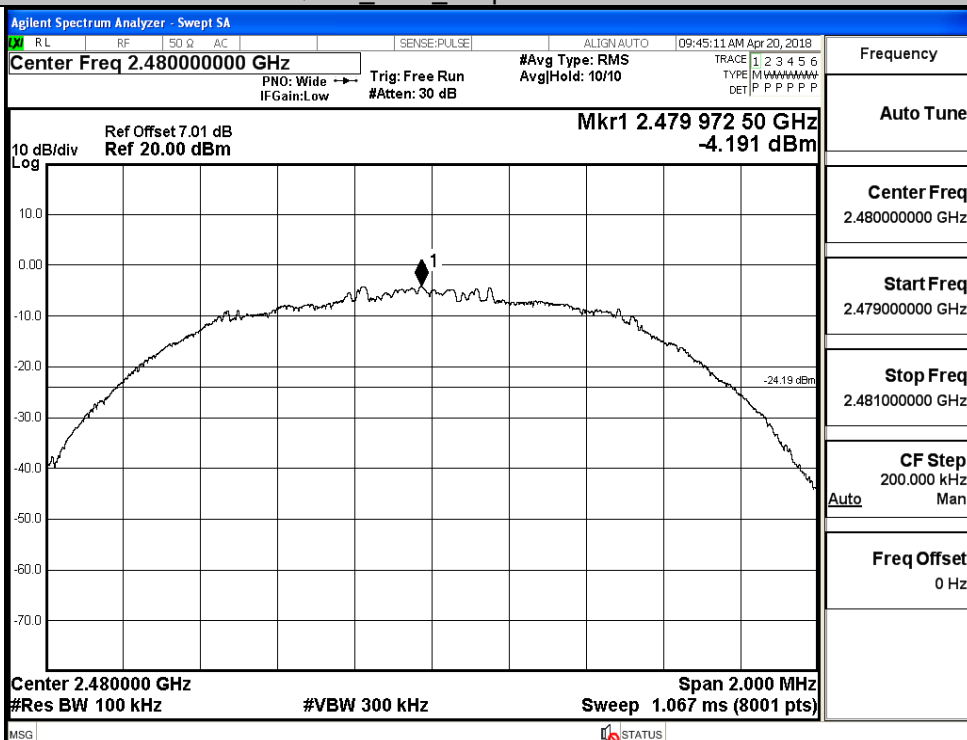


Puw

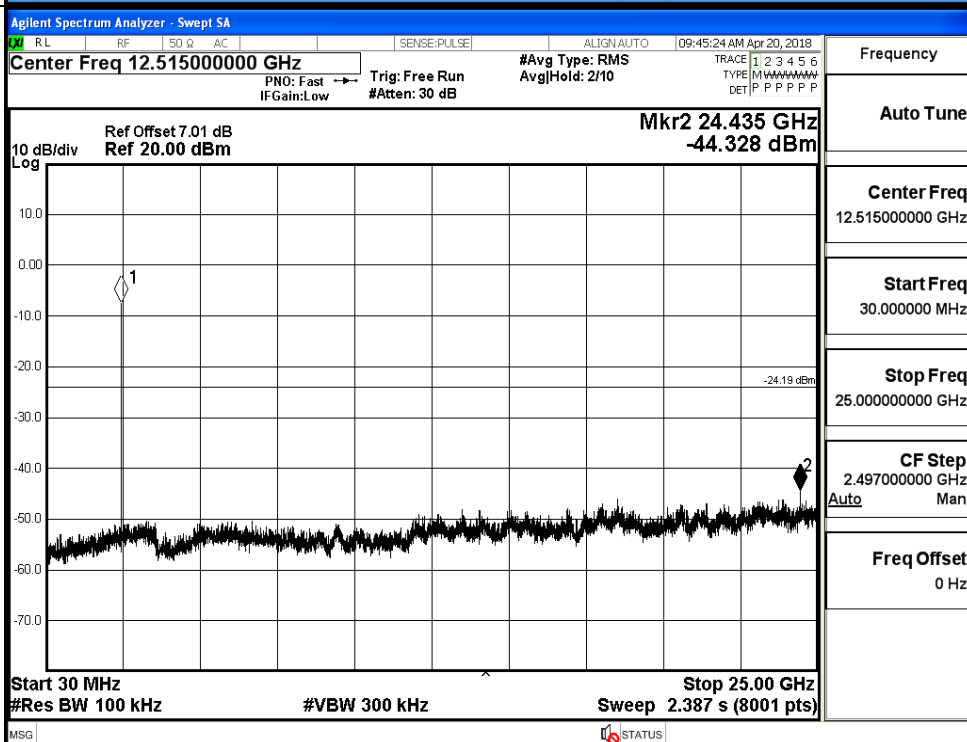


$\pi/4$ DQPSK\_HCH\_Graphs

Pref

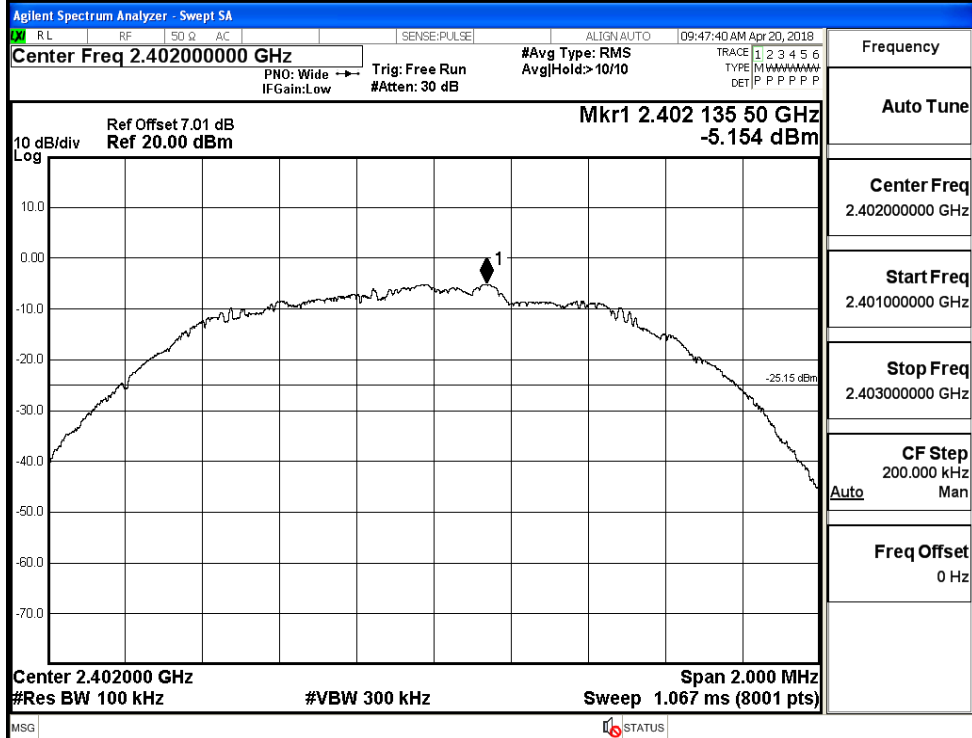


Puw

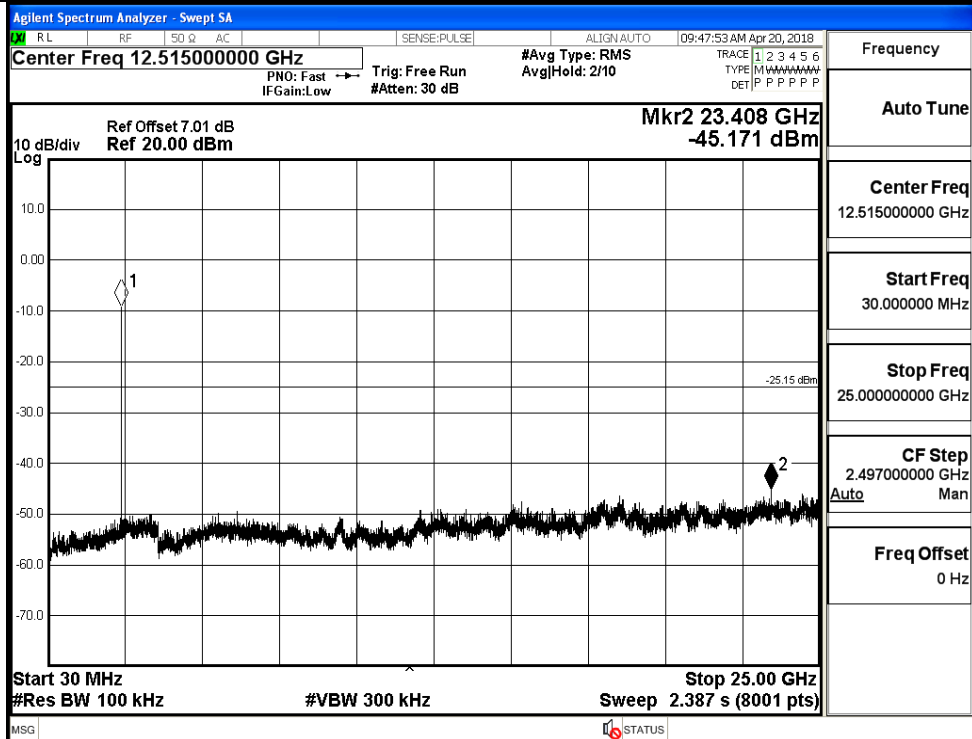


# 8DPSK\_LCH\_Graphs

Pref

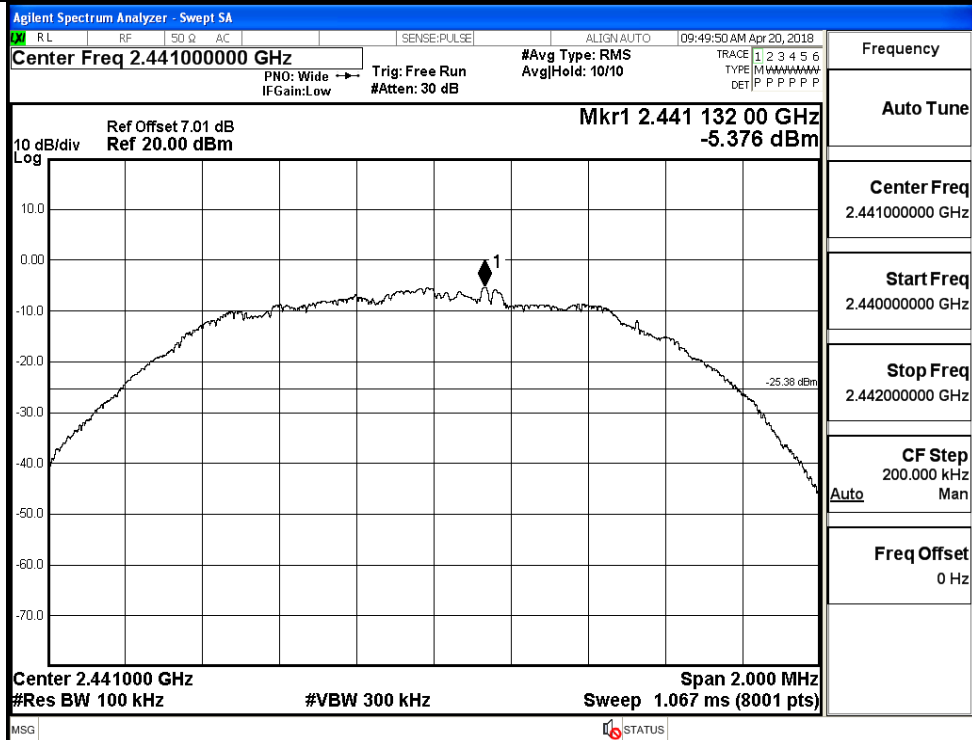


Puw

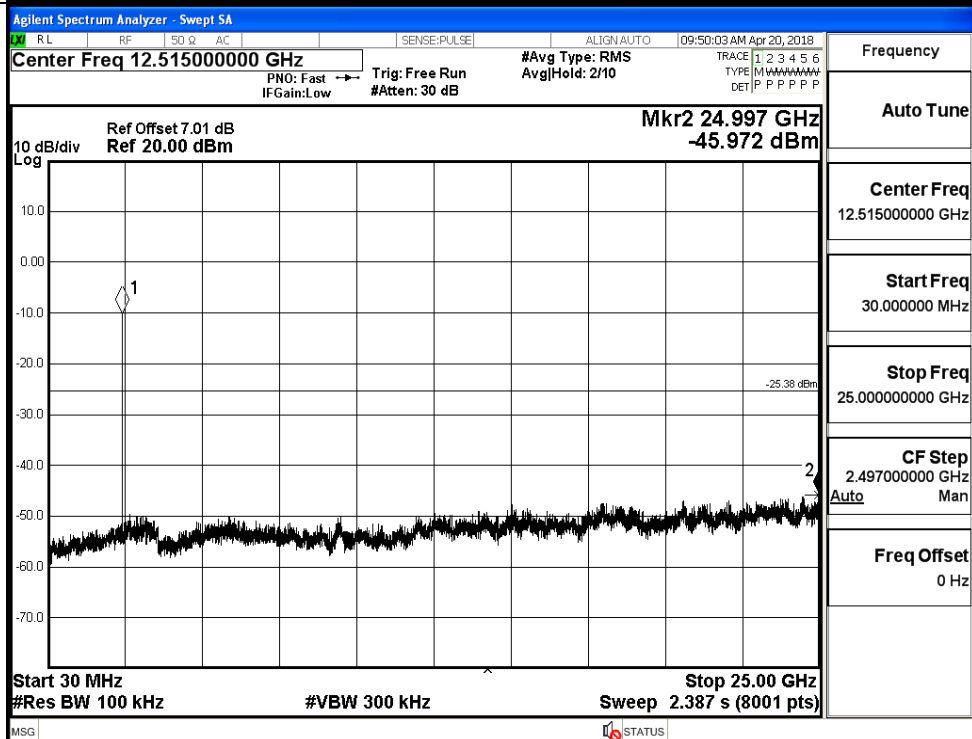


# 8DPSK\_MCH\_Graphs

Pref



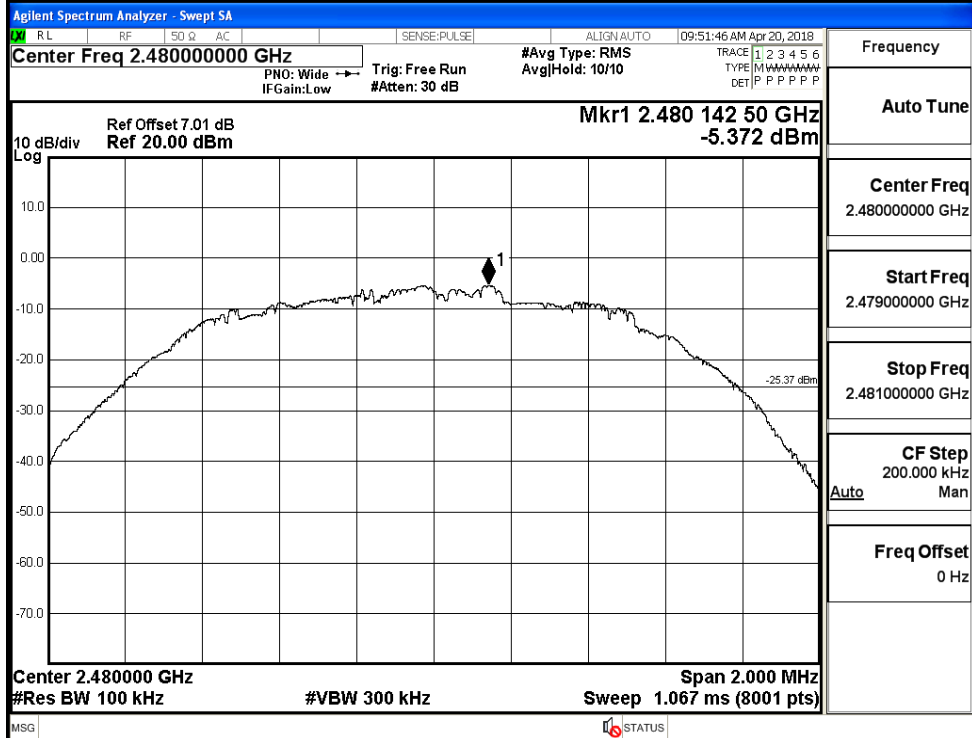
Puw



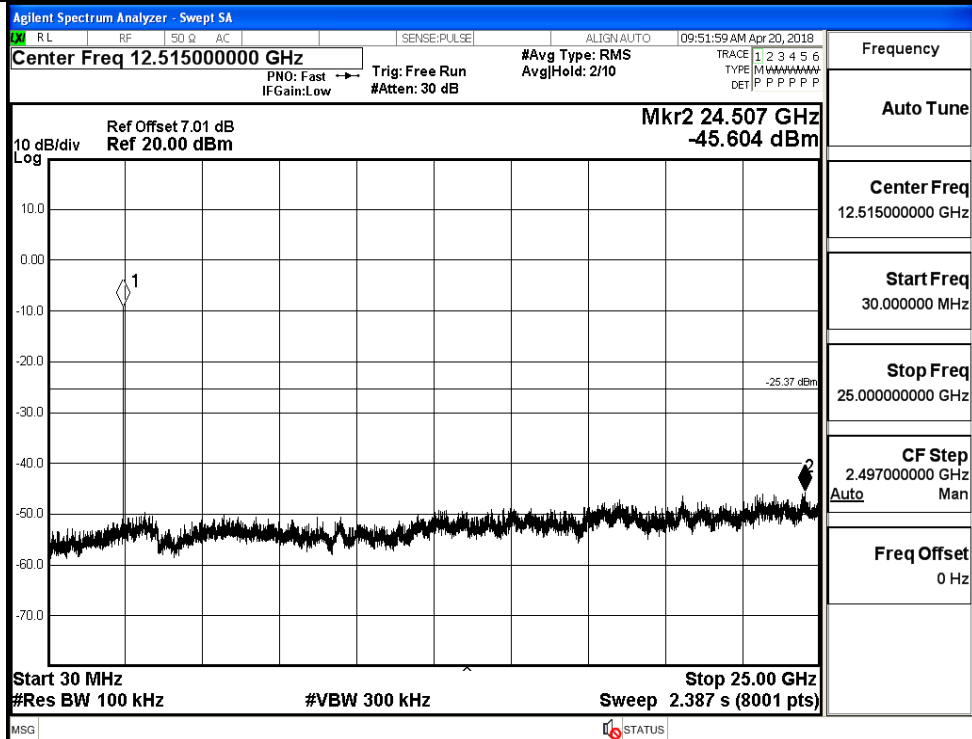


# 8DPSK\_HCH\_Graphs

Pref



Puw

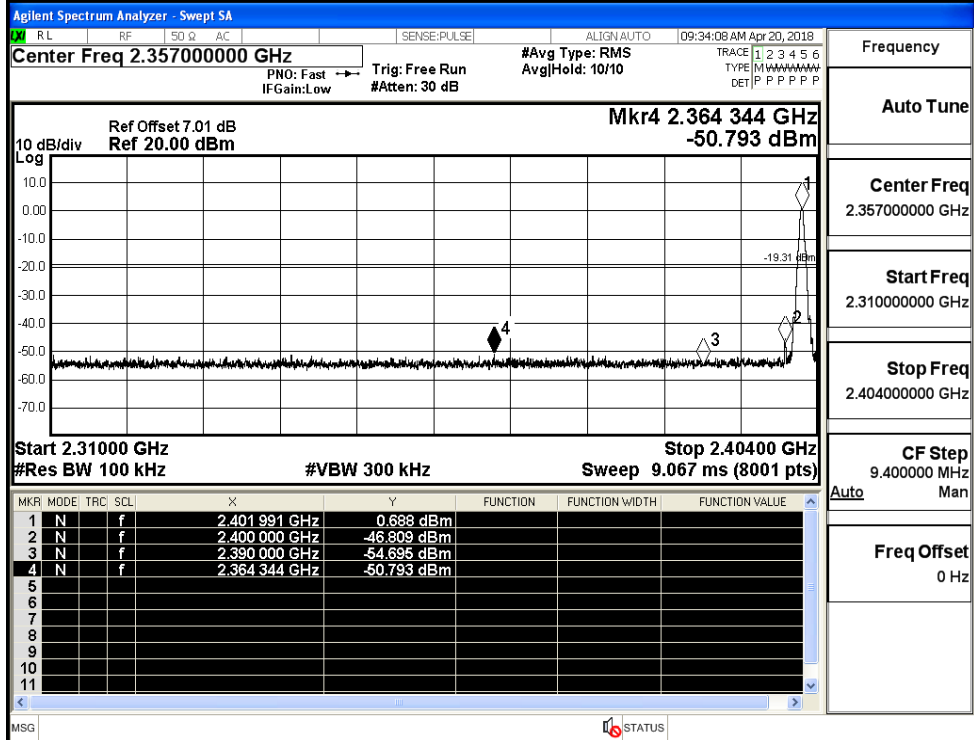


## A.7 Band-edge for RF Conducted Emissions

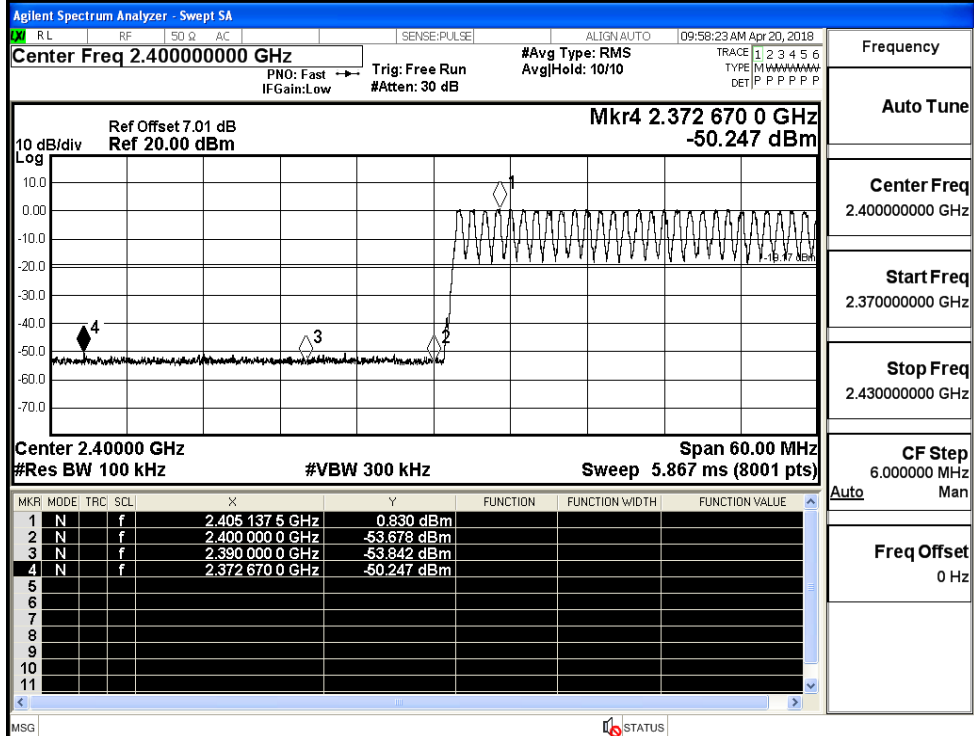
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.688	Off	-50.793	-19.31	PASS
			0.830	On	-50.247	-19.17	PASS
	HCH	2480	0.371	Off	-44.510	-19.63	PASS
			0.463	On	-50.510	-19.54	PASS
$\pi/4$ DQPSK	LCH	2402	-3.941	Off	-50.832	-23.94	PASS
			-3.949	On	-50.069	-23.95	PASS
	HCH	2480	-4.038	Off	-43.939	-24.04	PASS
			-4.152	On	-49.443	-24.15	PASS
8DPSK	LCH	2402	-5.651	Off	-51.163	-25.65	PASS
			-5.141	On	-51.126	-25.14	PASS
	HCH	2480	-5.461	Off	-43.900	-25.46	PASS
			-5.411	On	-46.029	-25.41	PASS

# Test Graphs

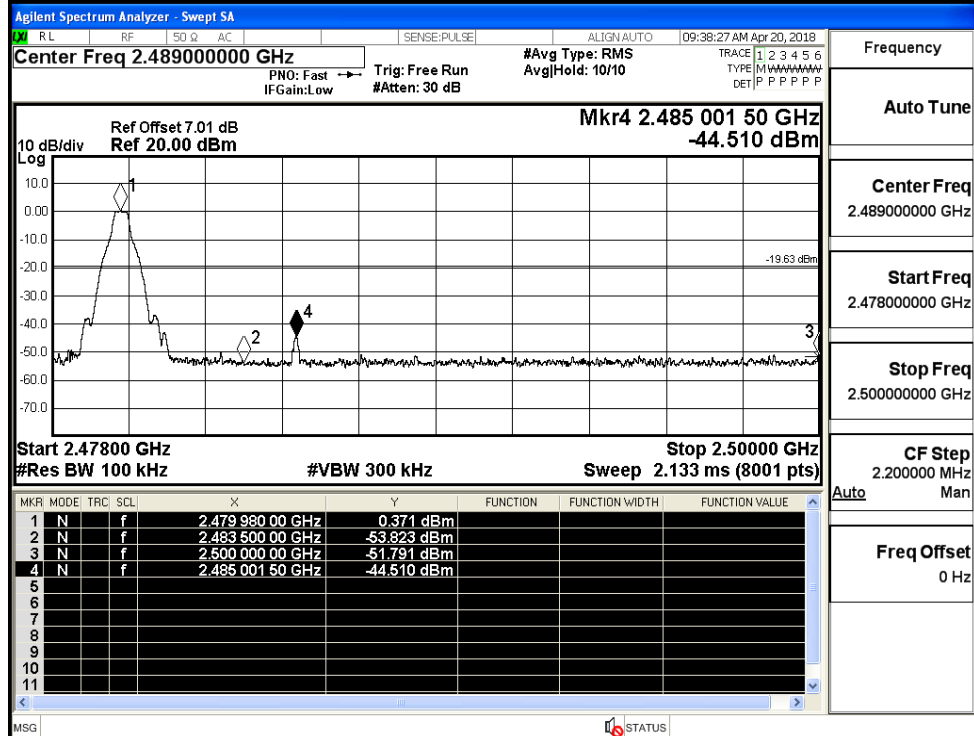
GFSK/LCH/No Hop



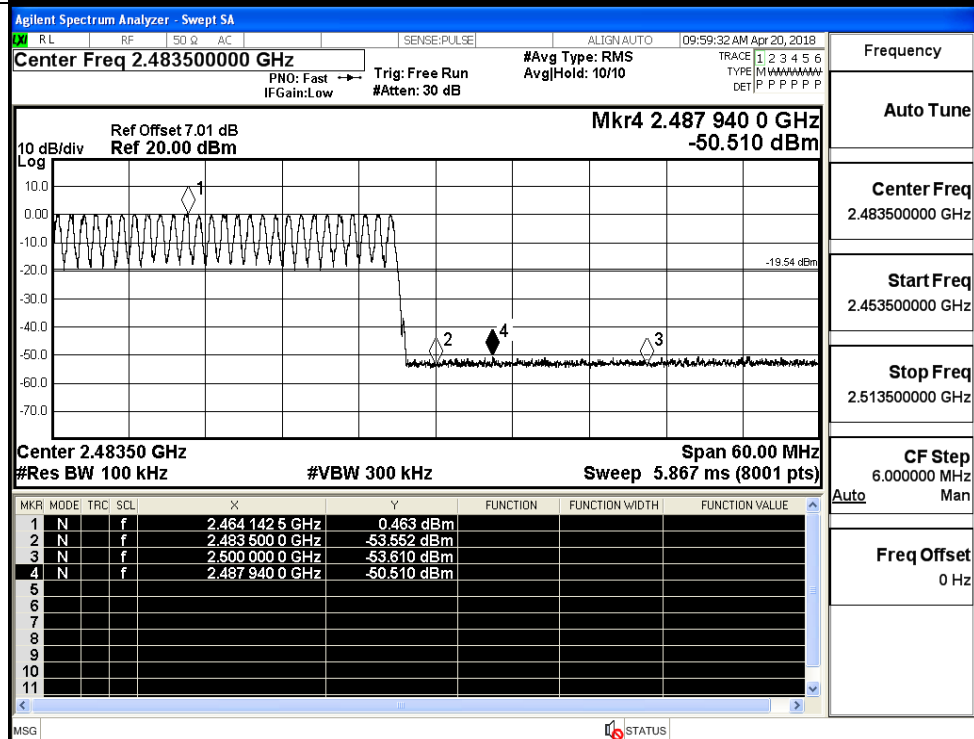
GFSK/LCH/Hop



GFSK/HCH/No Hop



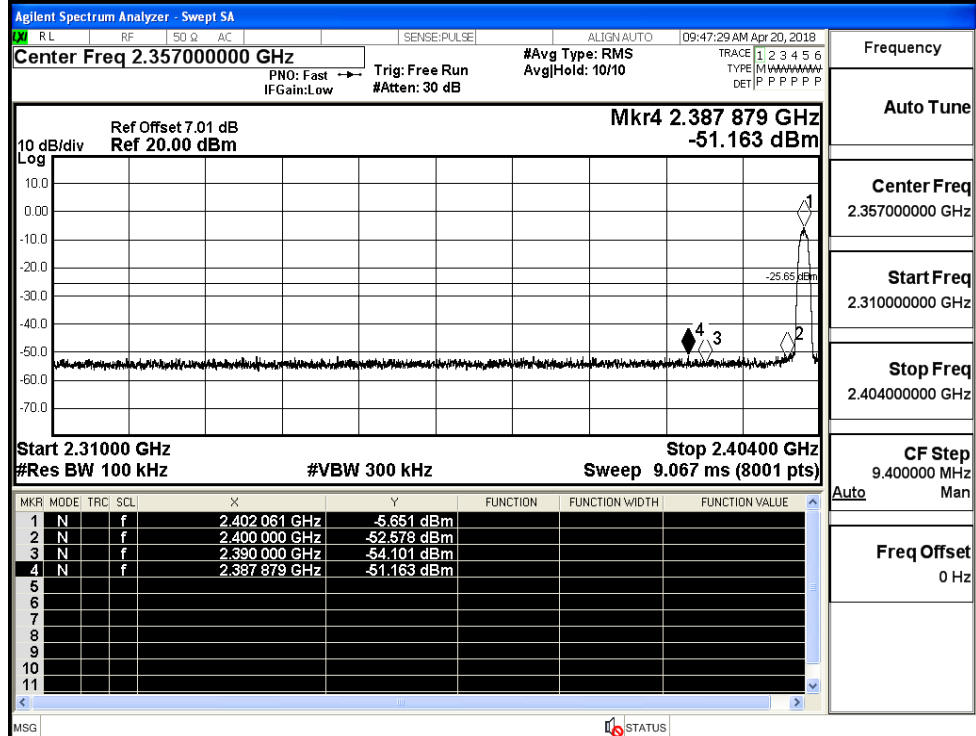
GFSK/HCH/Hop



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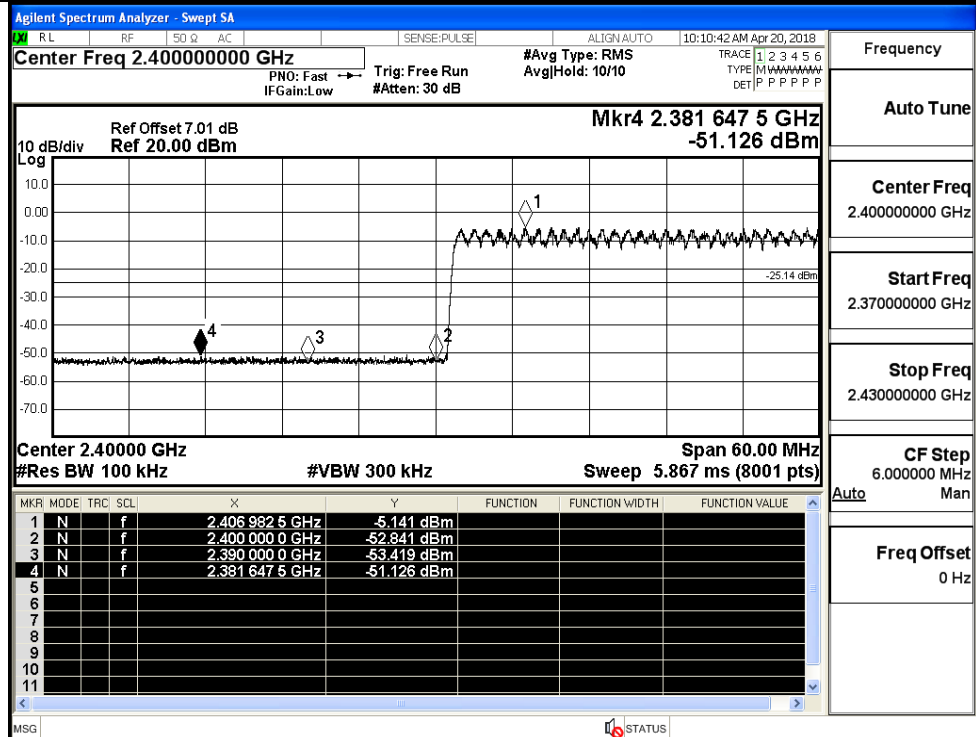
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8DPSK/LCH/No Hop



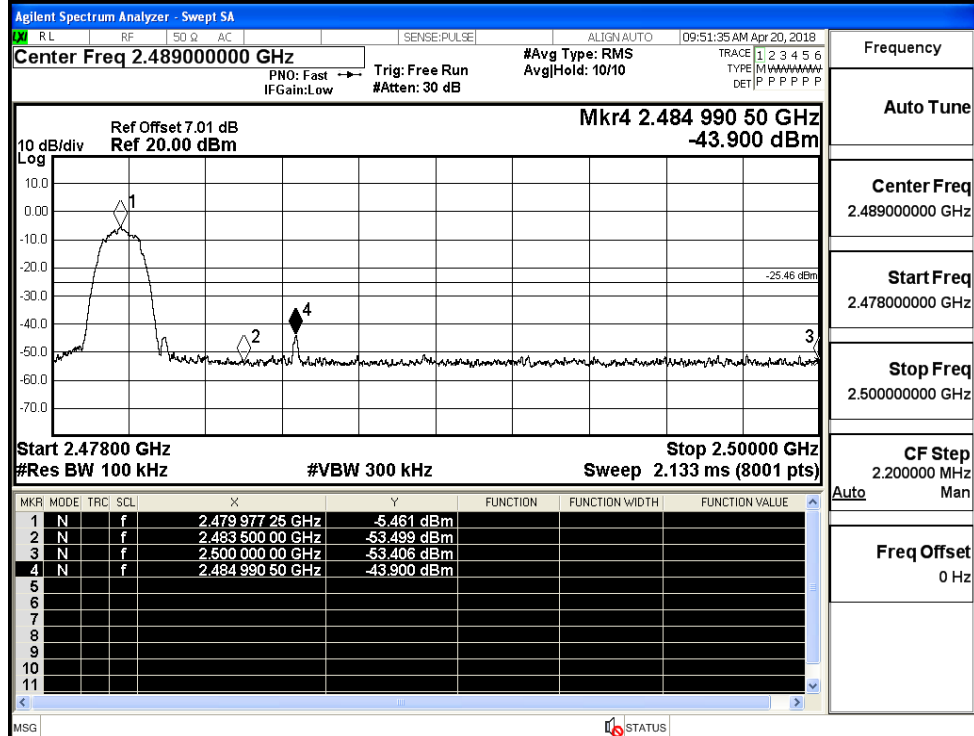
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Auto Tune
Center Freq 2.357000000 GHz
Start Freq 2.310000000 GHz
Stop Freq 2.404000000 GHz
CF Step 9.400000 MHz
Auto Man
Freq Offset 0 Hz

8DPSK/LCH/Hop

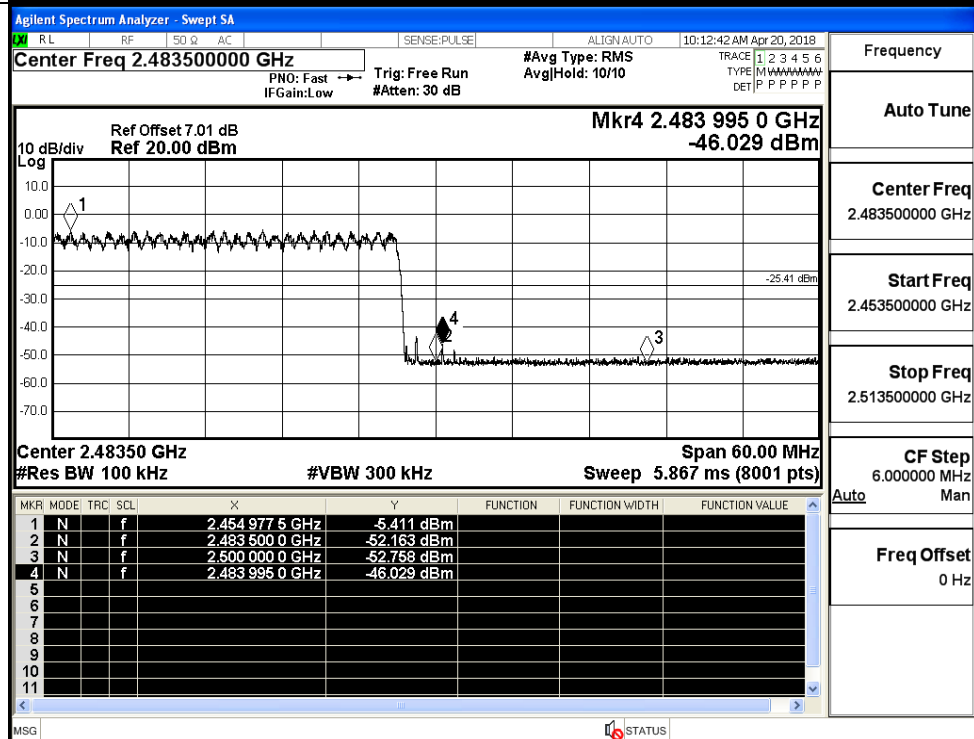


Frequency
Auto Tune
Center Freq 2.400000000 GHz
Start Freq 2.370000000 GHz
Stop Freq 2.430000000 GHz
CF Step 6.000000 MHz
Auto Man
Freq Offset 0 Hz

8DPSK/HCH/No Hop



8DPSK/HCH/Hop

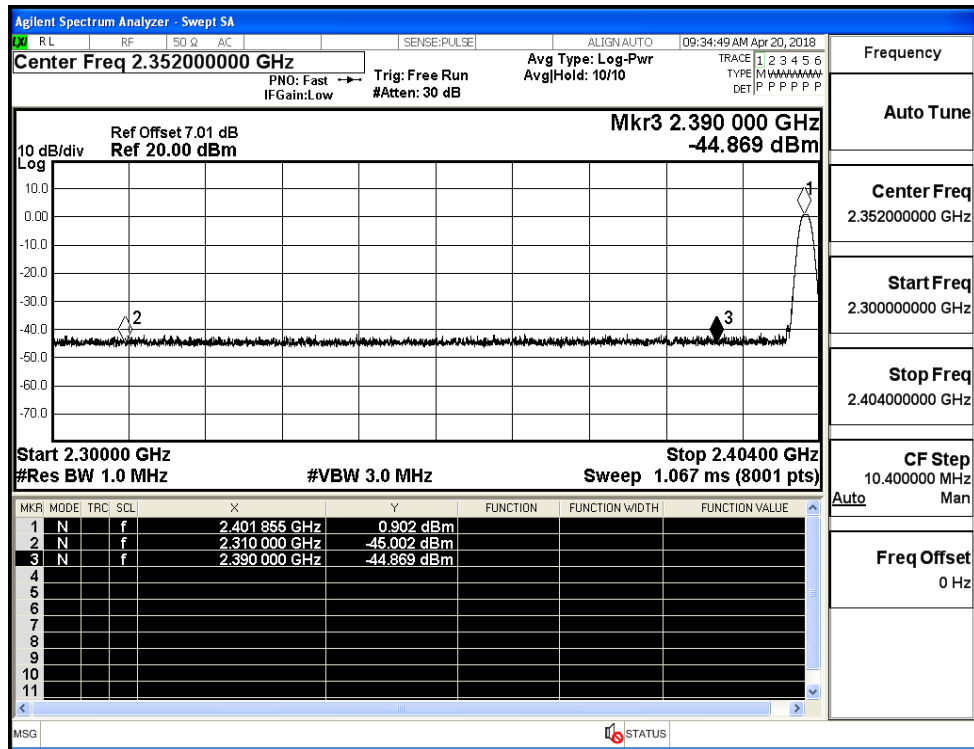




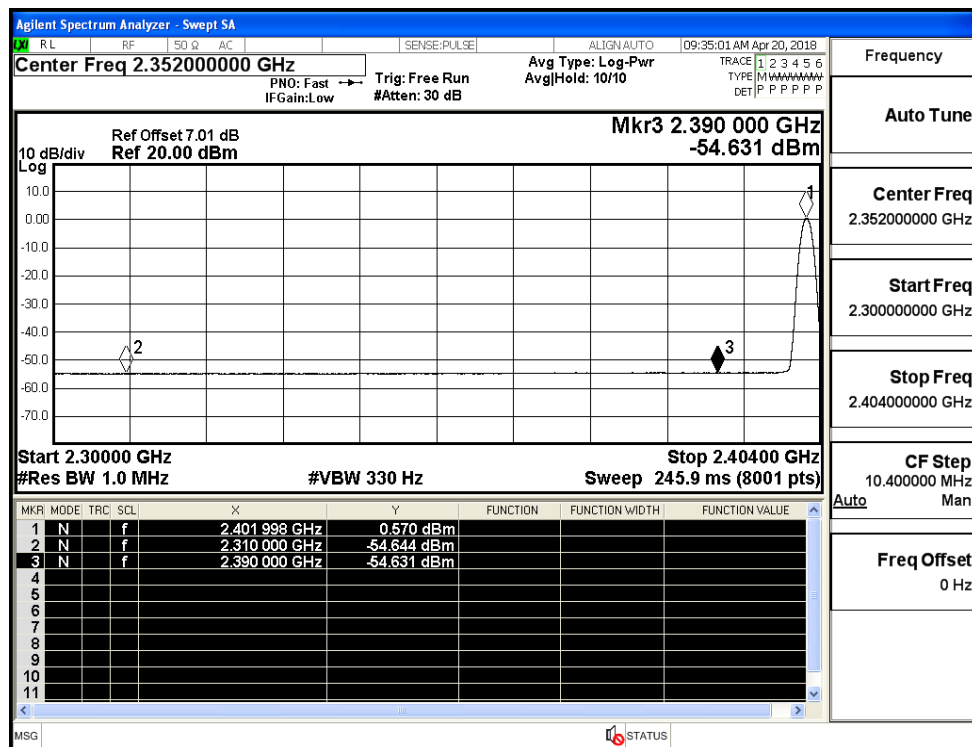
## A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-45.00	2.0	0	50.26	PEAK	74	PASS
	Off	2310.0	-54.64	2.0	0	40.61	AV	54	PASS
	Off	2390.0	-44.87	2.0	0	50.39	PEAK	74	PASS
	Off	2390.0	-54.63	2.0	0	40.63	AV	54	PASS
	Off	2483.5	-43.57	2.0	0	51.69	PEAK	74	PASS
	Off	2483.5	-54.24	2.0	0	41.02	AV	54	PASS
	Off	2500.0	-43.26	2.0	0	52.00	PEAK	74	PASS
	Off	2500.0	-54.16	2.0	0	41.10	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-45.08	2.0	0	50.18	PEAK	74	PASS
	Off	2310.0	-54.90	2.0	0	40.36	AV	54	PASS
	Off	2390.0	-44.46	2.0	0	50.79	PEAK	74	PASS
	Off	2390.0	-54.43	2.0	0	40.82	AV	54	PASS
	Off	2483.5	-44.39	2.0	0	50.87	PEAK	74	PASS
	Off	2483.5	-54.02	2.0	0	41.23	AV	54	PASS
	Off	2500.0	-43.01	2.0	0	52.24	PEAK	74	PASS
	Off	2500.0	-54.14	2.0	0	41.11	AV	54	PASS
8DPSK	Off	2310.0	-44.69	2.0	0	50.57	PEAK	74	PASS
	Off	2310.0	-54.80	2.0	0	40.46	AV	54	PASS
	Off	2390.0	-45.06	2.0	0	50.20	PEAK	74	PASS
	Off	2390.0	-54.54	2.0	0	40.71	AV	54	PASS
	Off	2483.5	-45.22	2.0	0	50.04	PEAK	74	PASS
	Off	2483.5	-54.03	2.0	0	41.23	AV	54	PASS
	Off	2500.0	-44.06	2.0	0	51.20	PEAK	74	PASS
	Off	2500.0	-54.18	2.0	0	41.08	AV	54	PASS

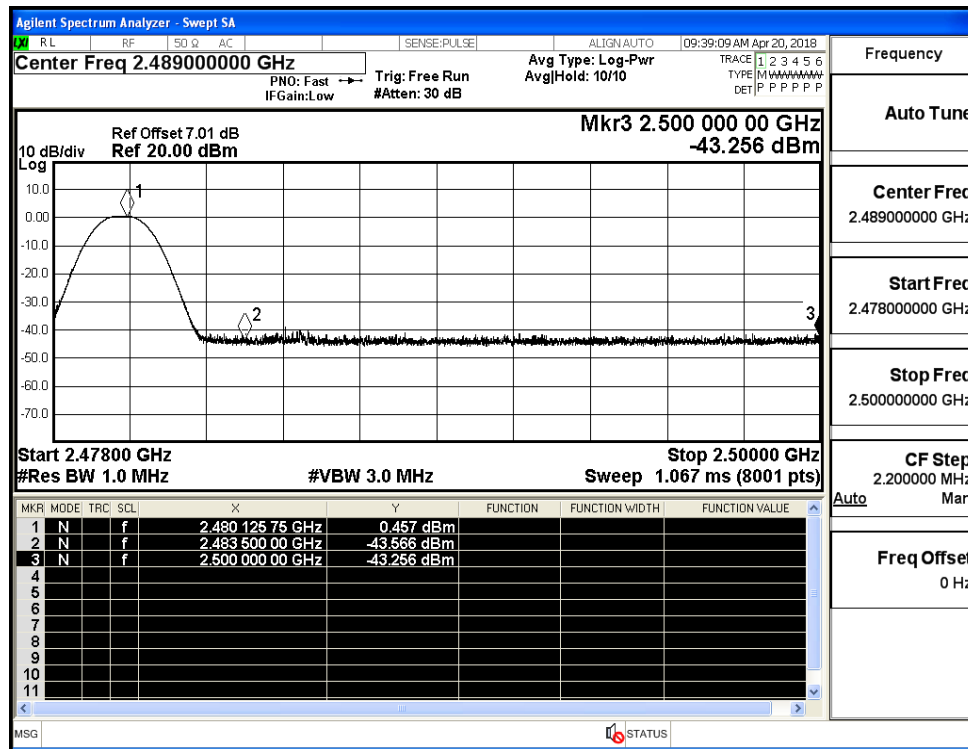
# Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (Low Channel)



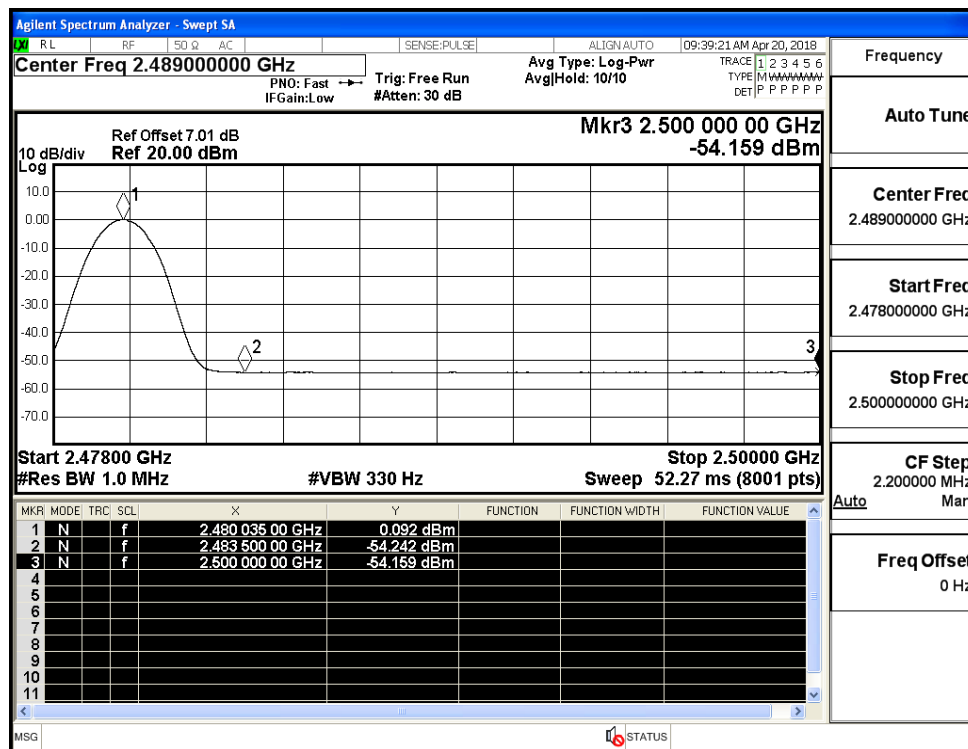
# Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (Low Channel)



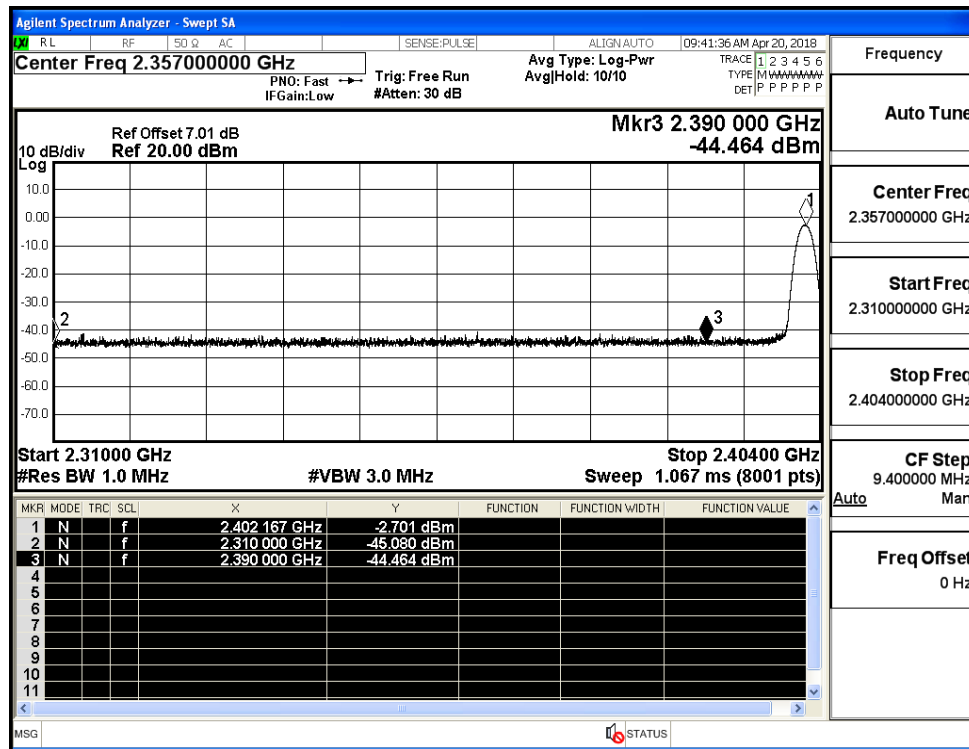
# Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (High Channel)



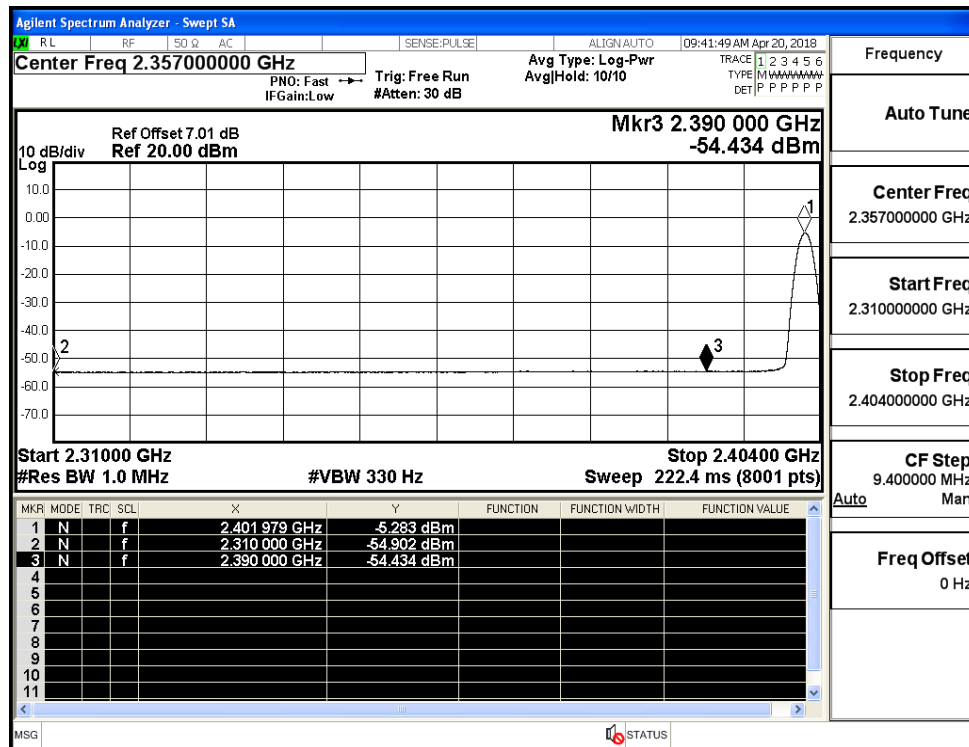
# Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (High Channel)



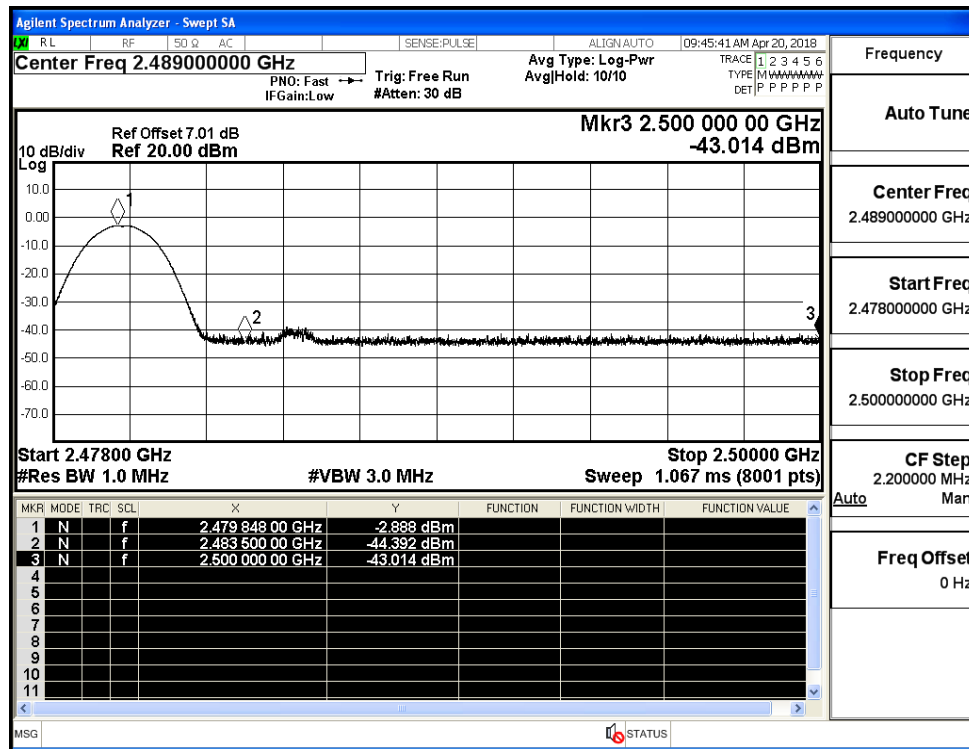
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)



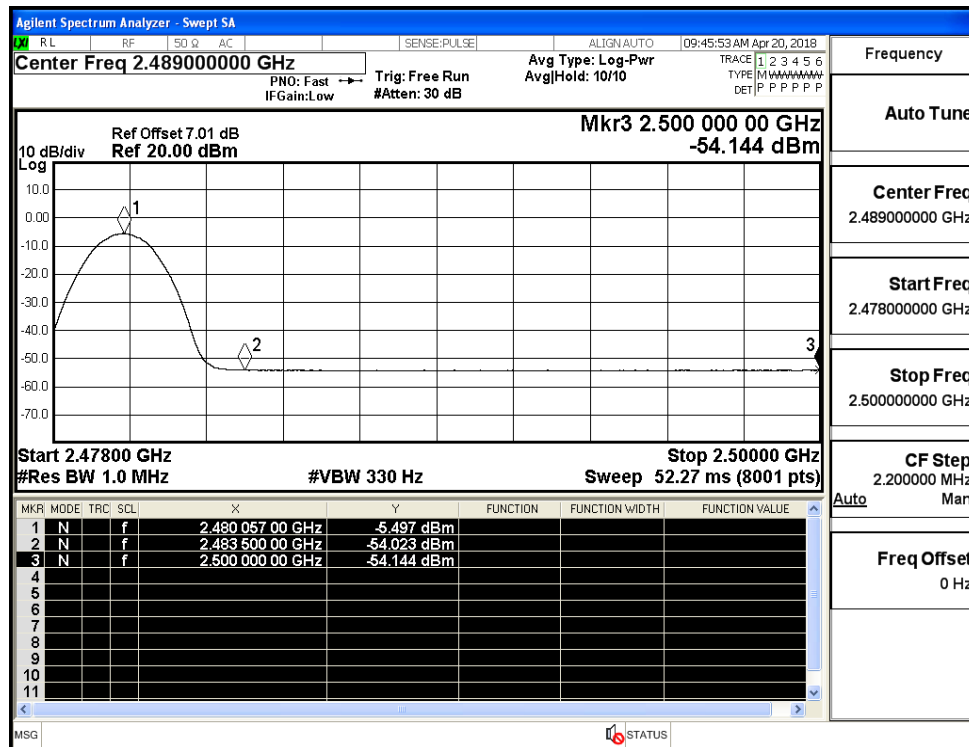
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)



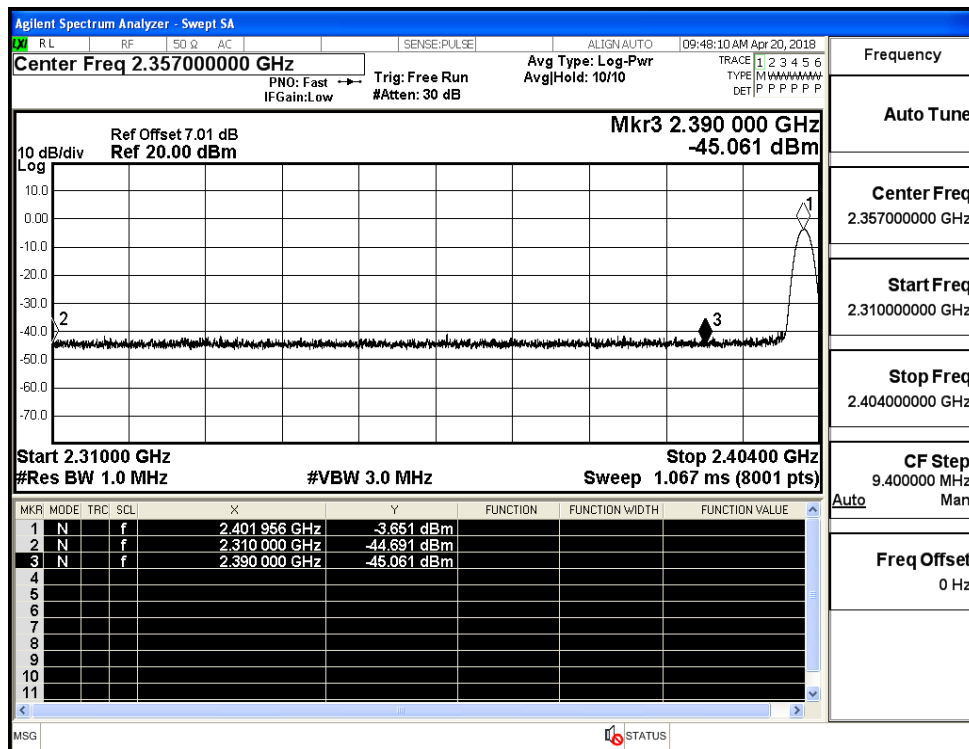
# Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



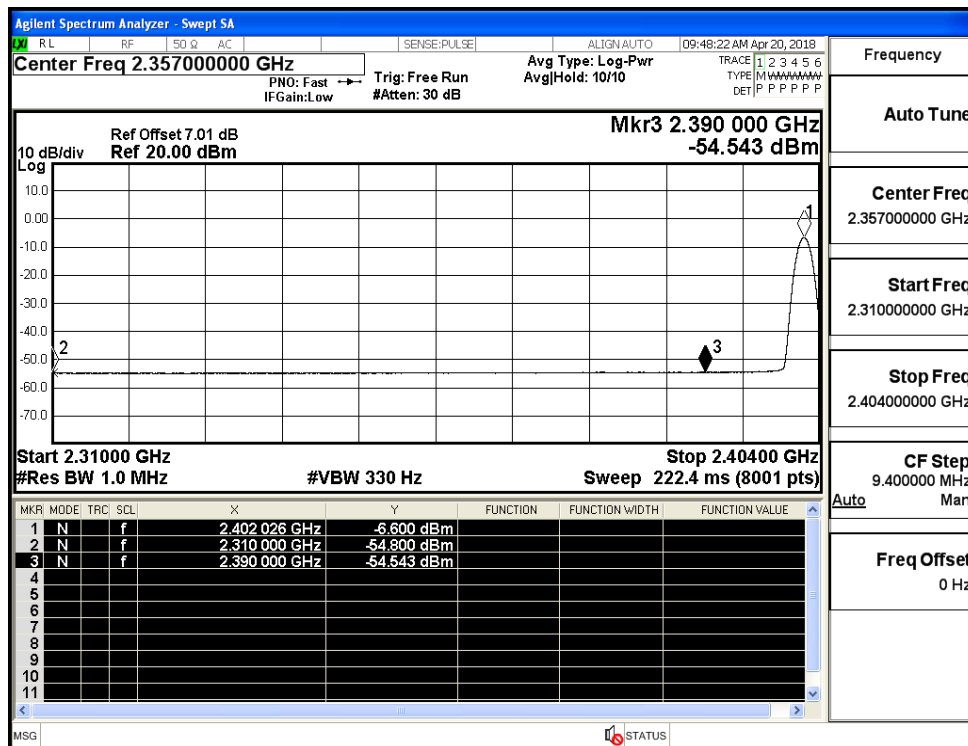
# Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



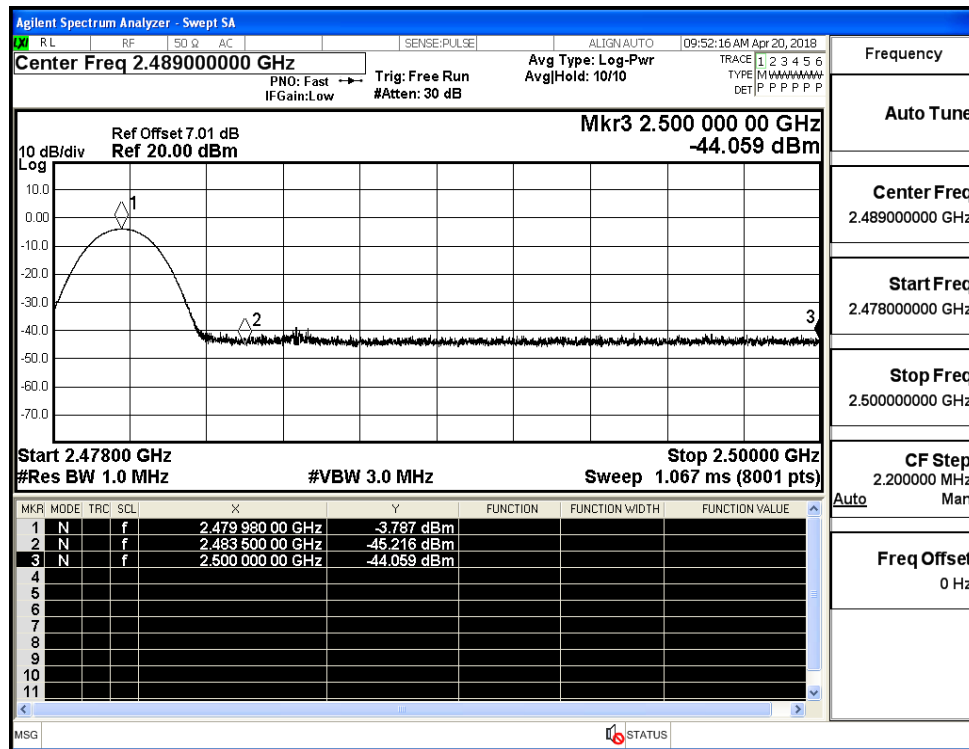
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



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)

