

Appendix A

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

Product Name: Carrier Air Monitor

Trade Mark: N/A

Test Model: IEQCCWWRT01

Environmental Conditions

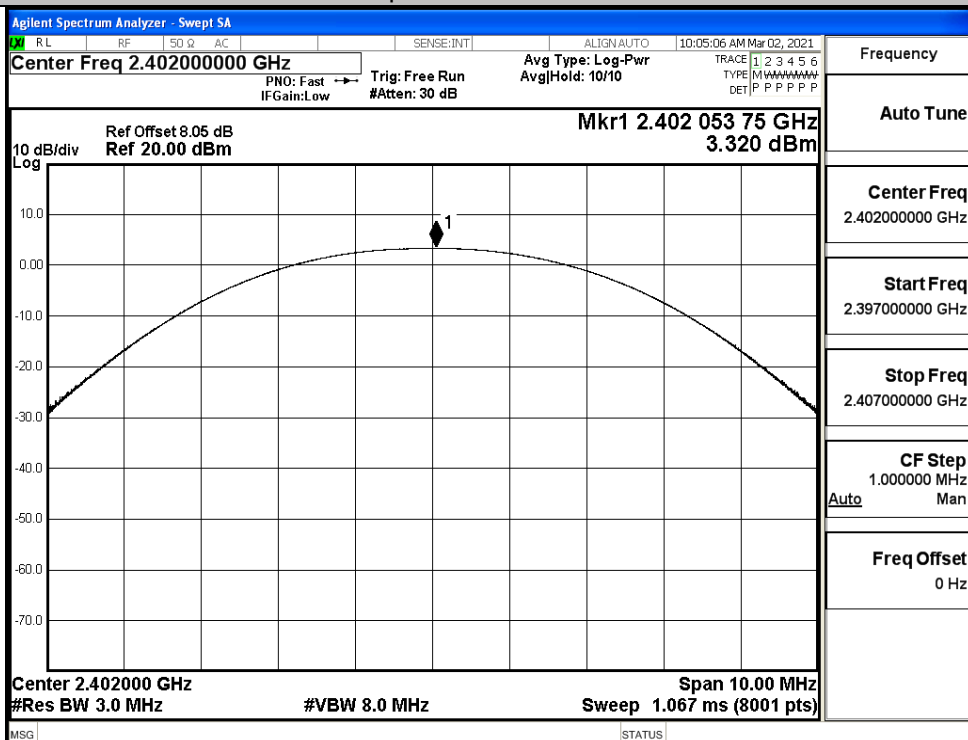
Temperature:	22.5° C
Relative Humidity:	53.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

A.1 Maximum Conducted Peak Output Power

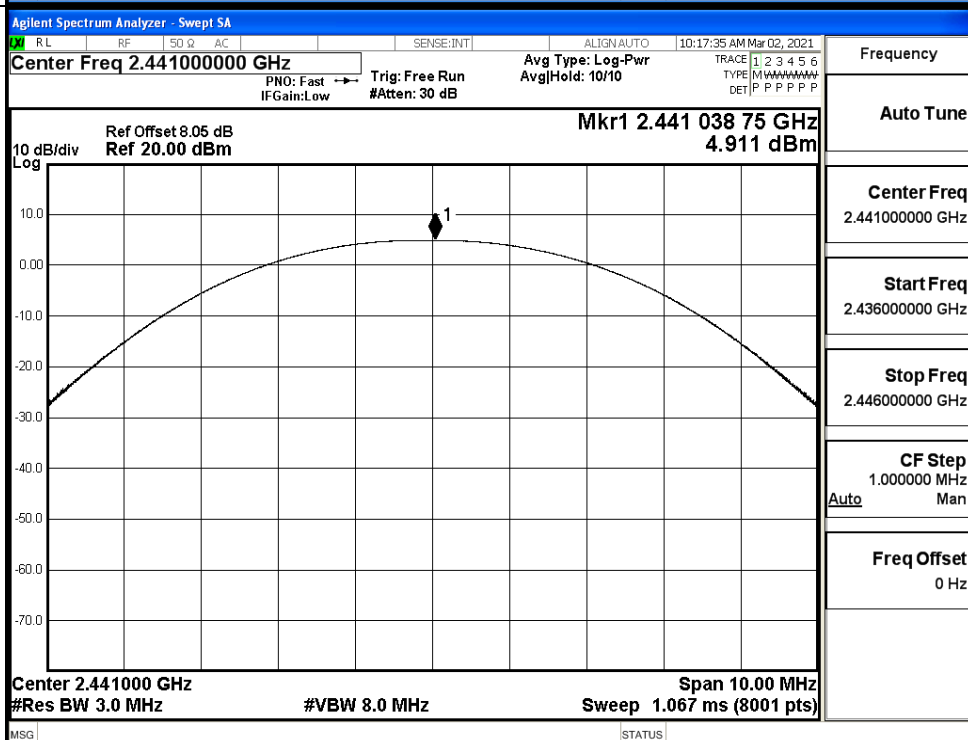
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	3.320	21	PASS
	MCH	4.911	21	PASS
	HCH	3.352	21	PASS
$\pi/4$ DQPSK	LCH	2.594	21	PASS
	MCH	4.054	21	PASS
	HCH	2.557	21	PASS
8DPSK	LCH	2.740	21	PASS
	MCH	4.273	21	PASS
	HCH	2.755	21	PASS

Test Graphs

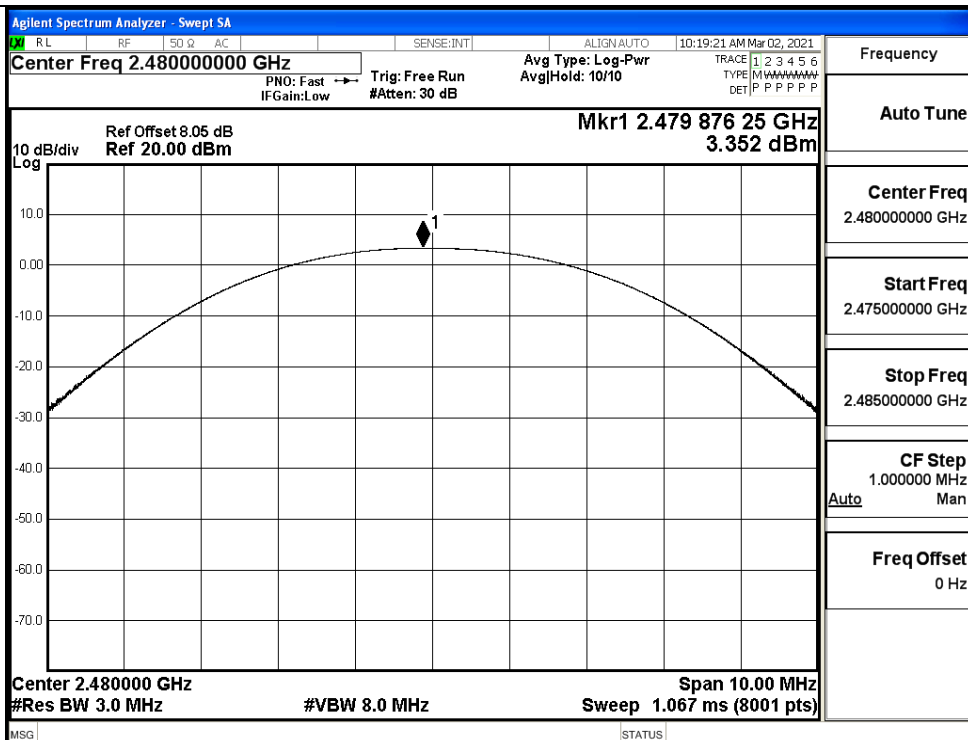
GFSK/LCH



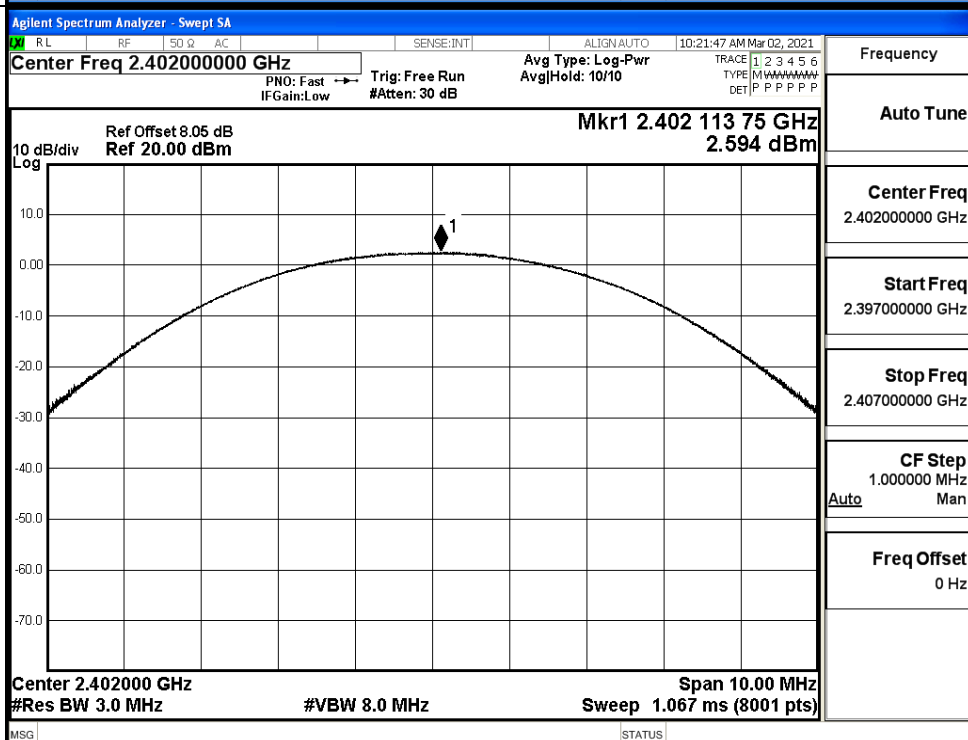
GFSK/MCH



GFSK/HCH

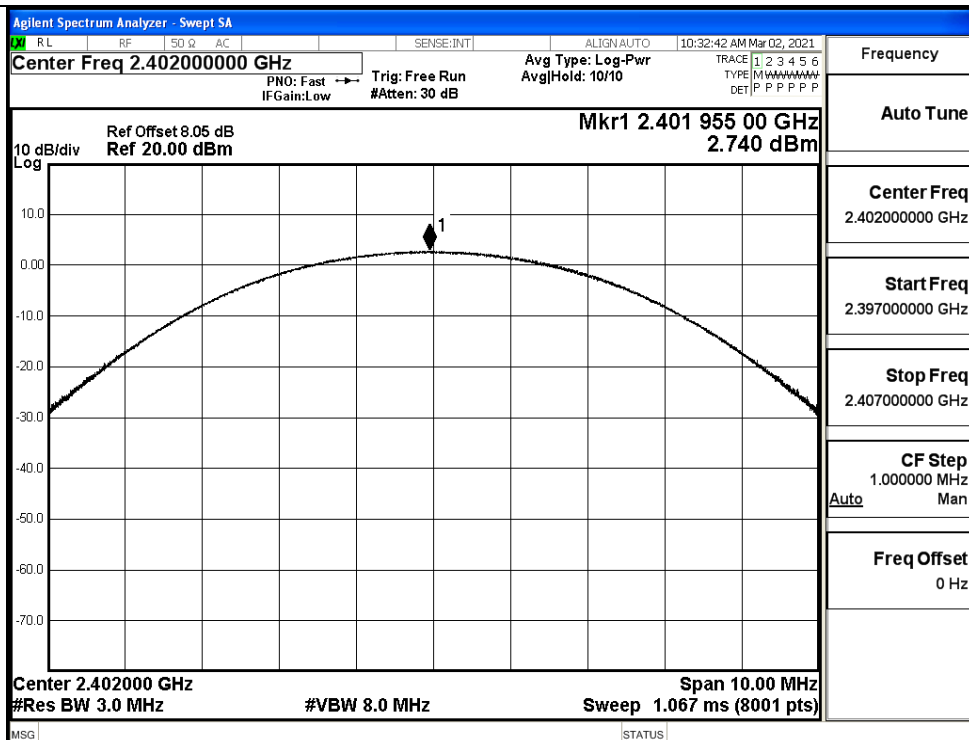


π /4DQPSK/LCH

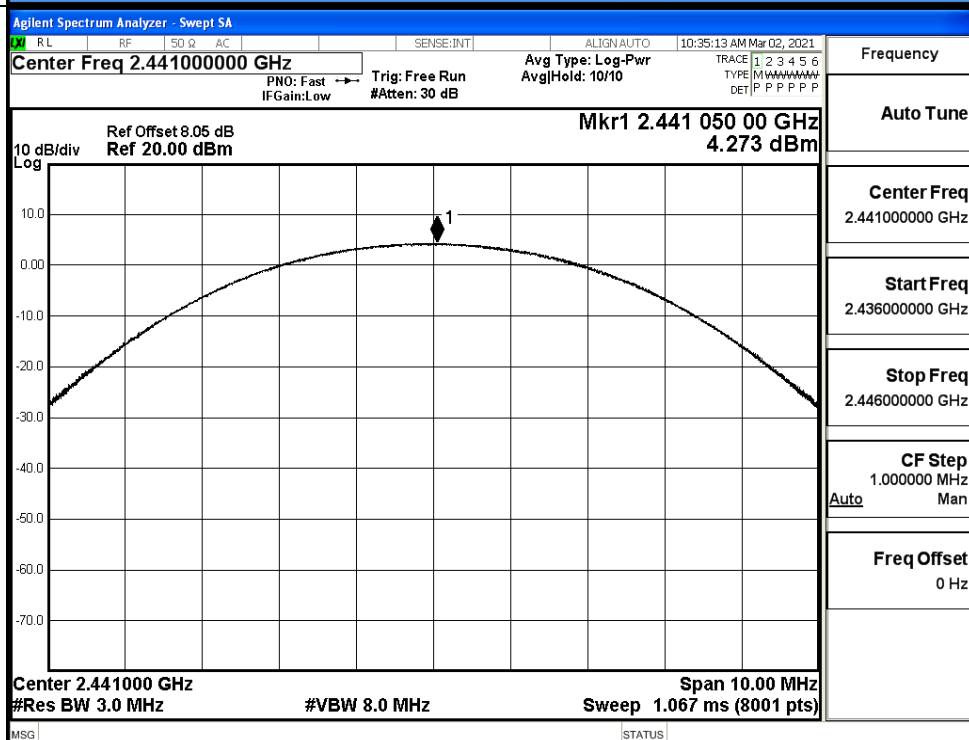


$\pi/4$DQPSK/MCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:24:12 AM Mar 02, 2021 Center Freq 2.441000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 10/10 TRACE 1 2 3 4 5 6 TYPE: M W W W W W W W DET: P P P P P P P Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.440 892 50 GHz 4.054 dBm 10 dB/div Log Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 1.067 ms (8001 pts) Span 10.00 MHz MSG STATUS 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
$\pi/4$DQPSK/HCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:28:28 AM Mar 02, 2021 Center Freq 2.480000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 10/10 TRACE 1 2 3 4 5 6 TYPE: M W W W W W W W DET: P P P P P P P Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.479 798 75 GHz 2.557 dBm 10 dB/div Log Center 2.480000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Sweep 1.067 ms (8001 pts) Span 10.00 MHz MSG STATUS 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

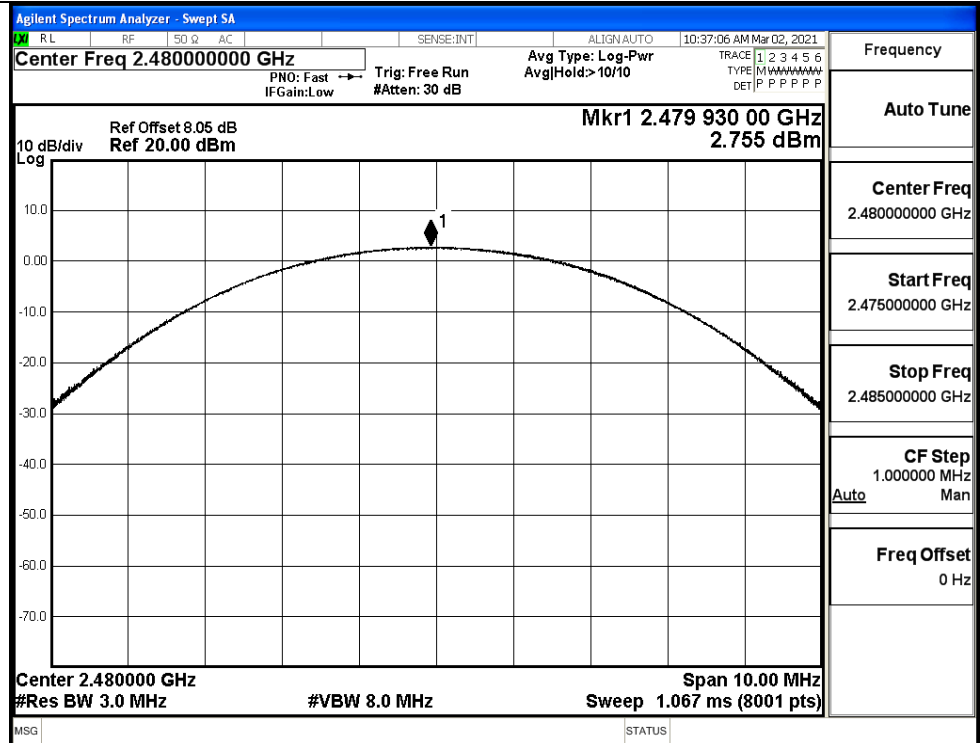
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

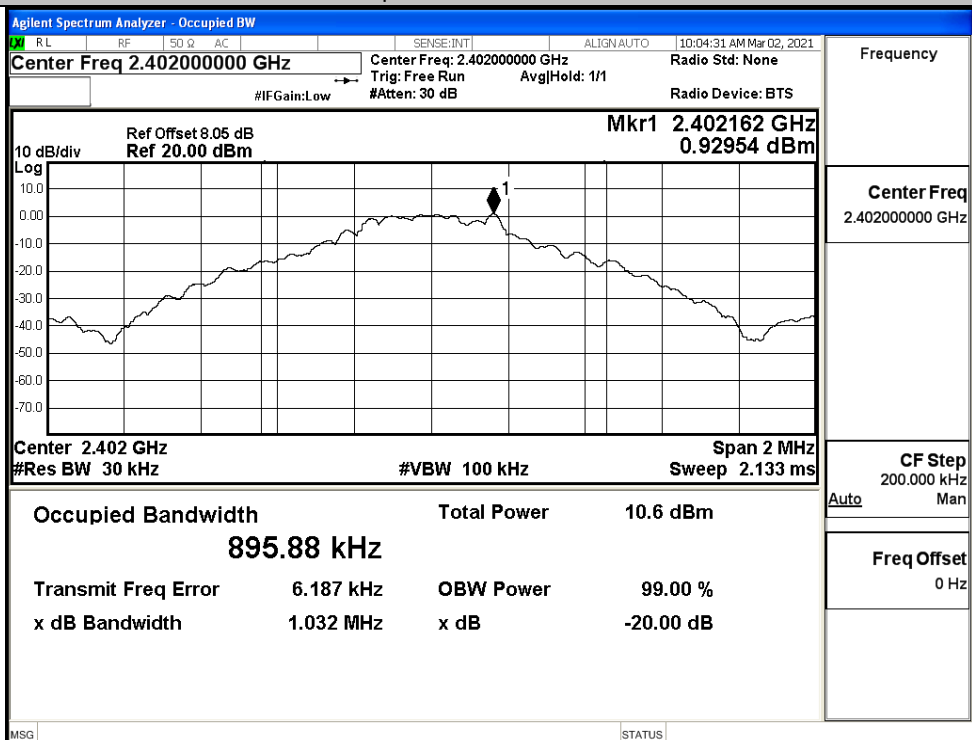


A.2 20dB Bandwidth

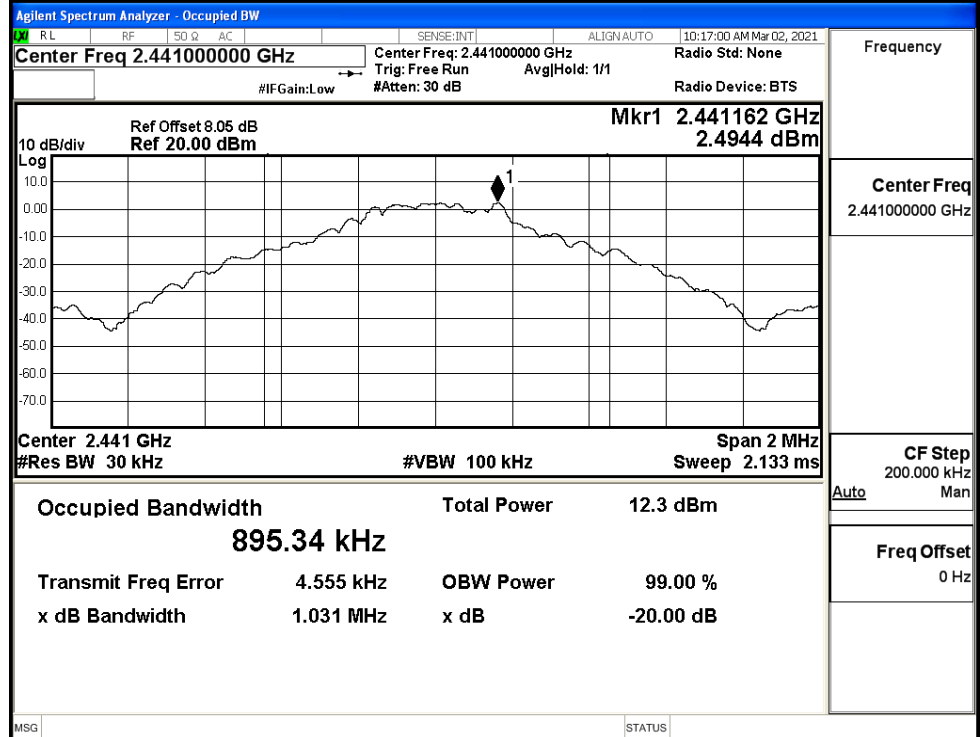
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.032	Not Specified	PASS
	MCH	1.031	Not Specified	PASS
	HCH	1.032	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.290	Not Specified	PASS
	MCH	1.287	Not Specified	PASS
	HCH	1.289	Not Specified	PASS
8DPSK	LCH	1.291	Not Specified	PASS
	MCH	1.292	Not Specified	PASS
	HCH	1.293	Not Specified	PASS

Test Graphs

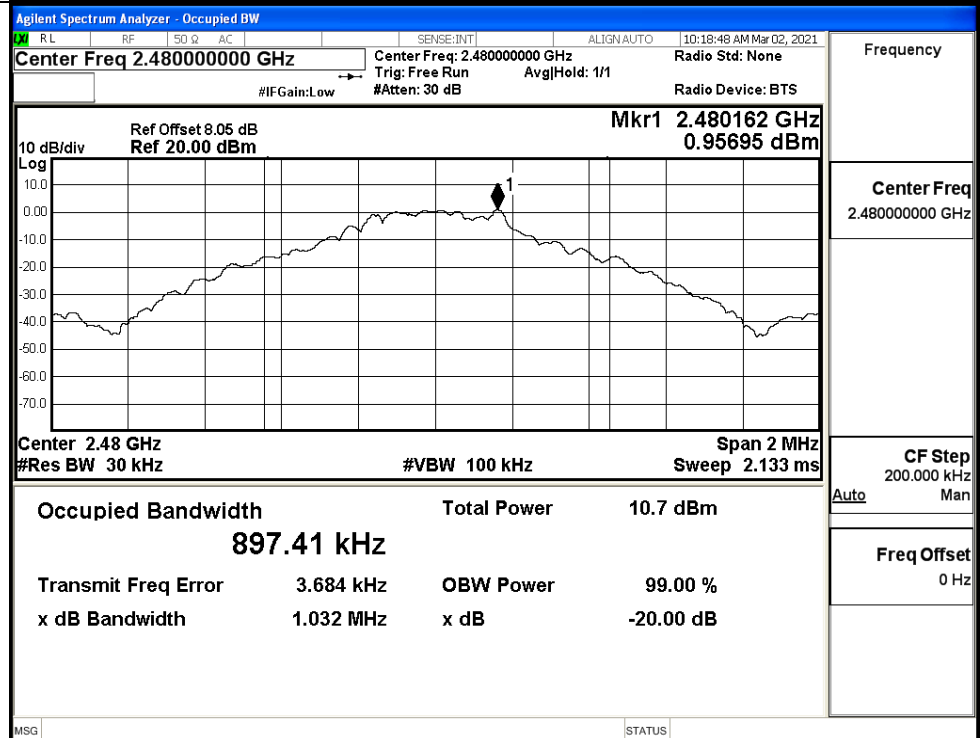
GFSK/LCH



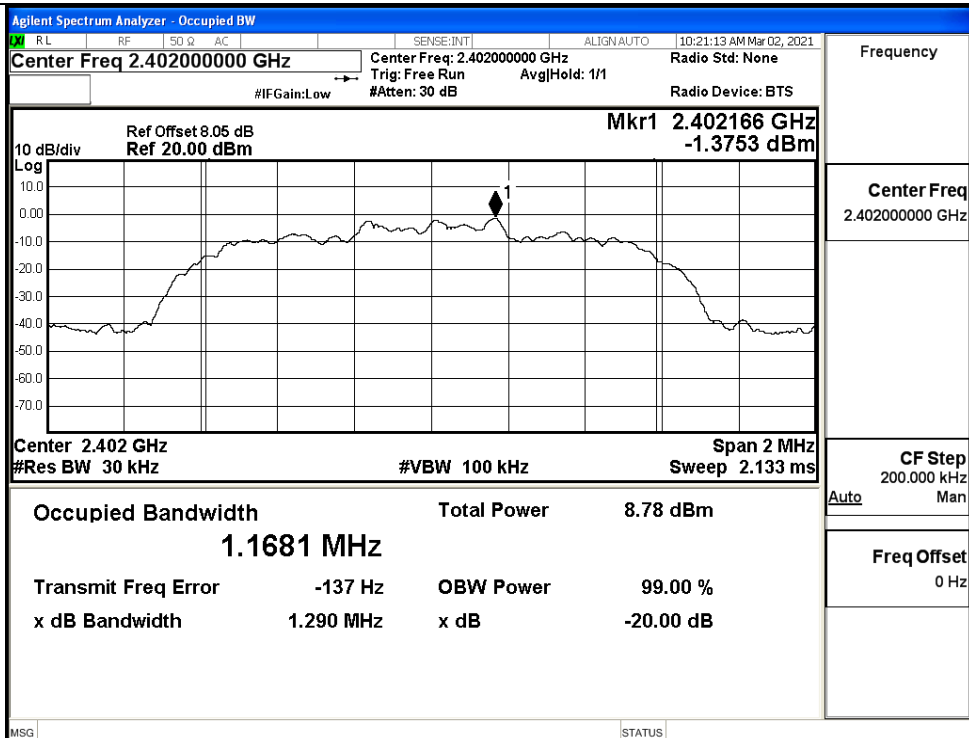
GFSK/MCH



GFSK/HCH



$\pi/4$ DQPSK/LCH



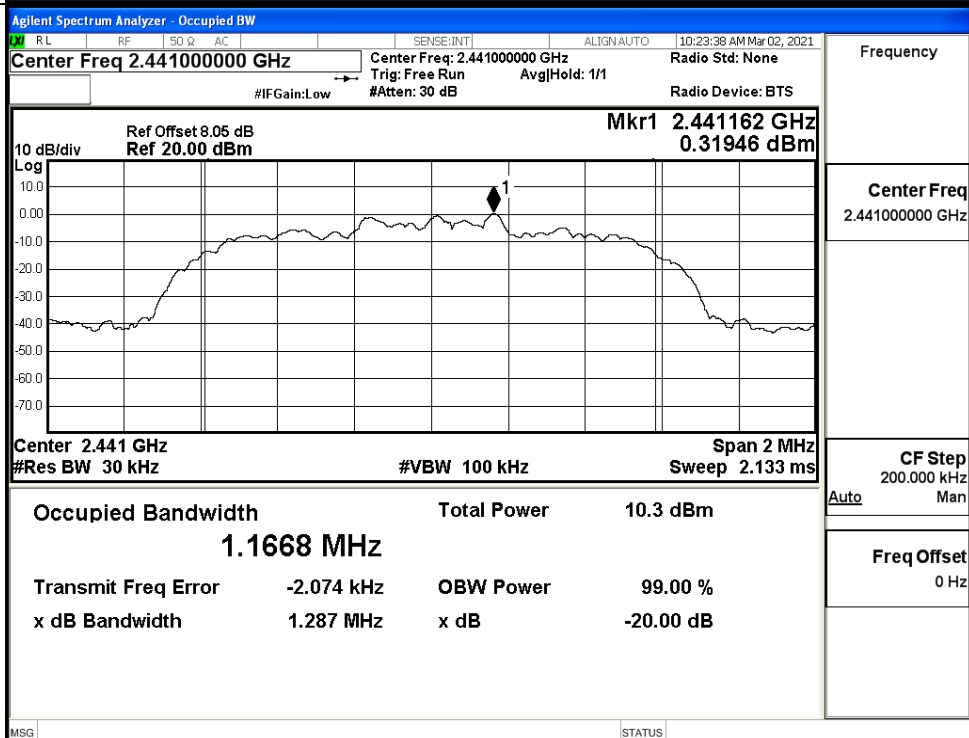
Frequency

Center Freq
2.402000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

$\pi/4$ DQPSK/MCH

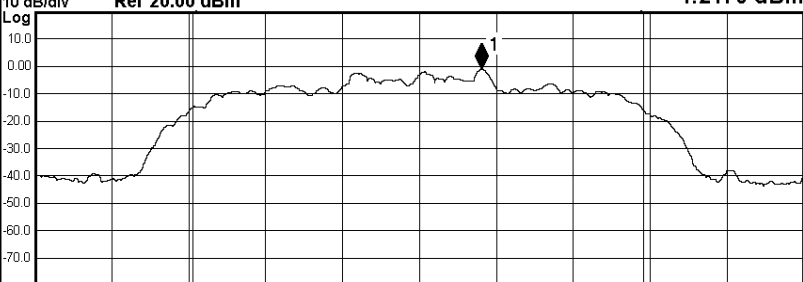
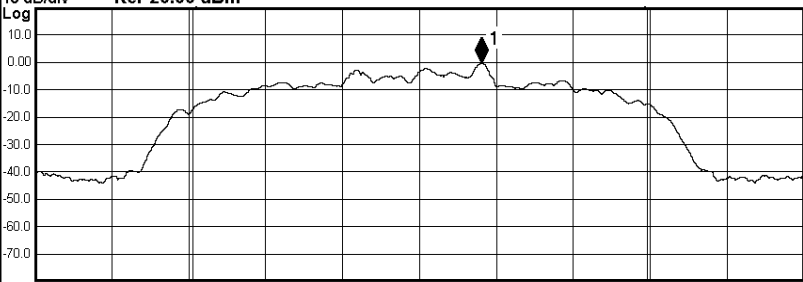


Frequency

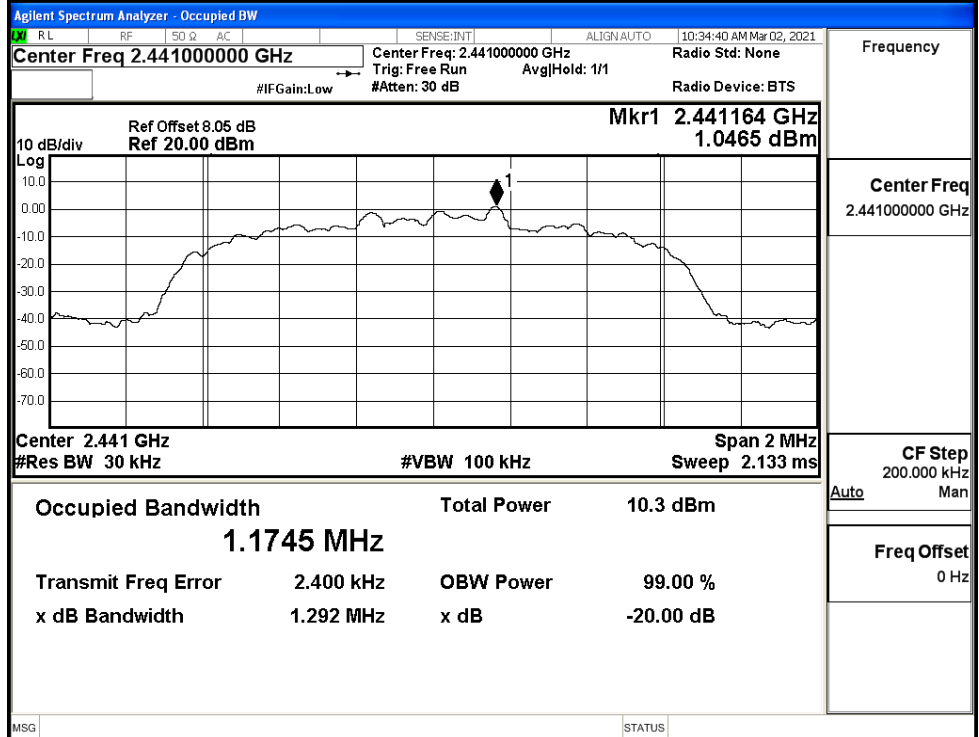
Center Freq
2.441000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

$\pi/4$DQPSK/HCH	Agilent Spectrum Analyzer - Occupied BW RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:27:54 AM Mar 02, 2021 Center Freq 2.480000000 GHz Center Freq: 2.480000000 GHz Radio Std: None #IFGain: Low Trig: Free Run Avg/Hold: 1/1 Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.480162 GHz -1.2170 dBm 10 dB/div Log  Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms Occupied Bandwidth 1.1676 MHz Total Power 8.89 dBm Transmit Freq Error -2.483 kHz OBW Power 99.00 % x dB Bandwidth 1.289 MHz x dB -20.00 dB MSG STATUS
8DPSK/LCH	Agilent Spectrum Analyzer - Occupied BW RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:32:08 AM Mar 02, 2021 Center Freq 2.402000000 GHz Center Freq: 2.402000000 GHz Radio Std: None #IFGain: Low Trig: Free Run Avg/Hold: 1/1 Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.402162 GHz -0.47018 dBm 10 dB/div Log  Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms Occupied Bandwidth 1.1750 MHz Total Power 8.76 dBm Transmit Freq Error 3.561 kHz OBW Power 99.00 % x dB Bandwidth 1.291 MHz x dB -20.00 dB MSG STATUS

8DPSK/MCH



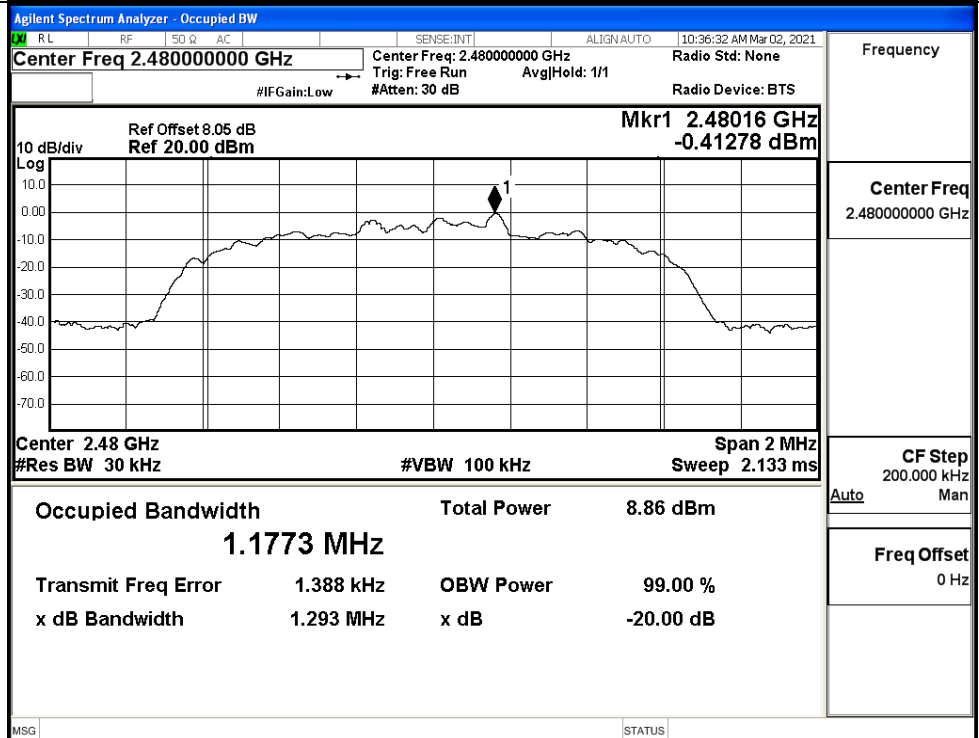
Frequency

Center Freq
2.441000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

8DPSK/HCH



Frequency

Center Freq
2.480000000 GHz

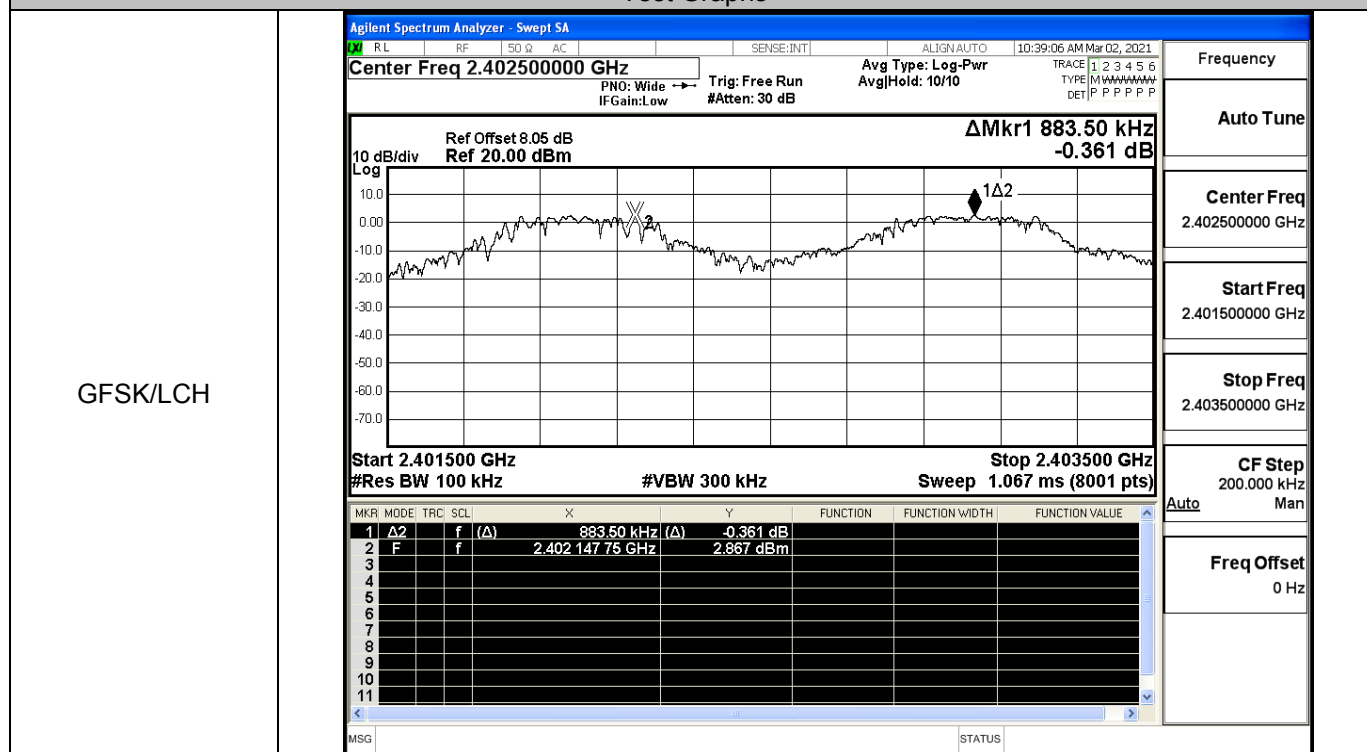
CF Step
200.000 kHz
Man

Freq Offset
0 Hz

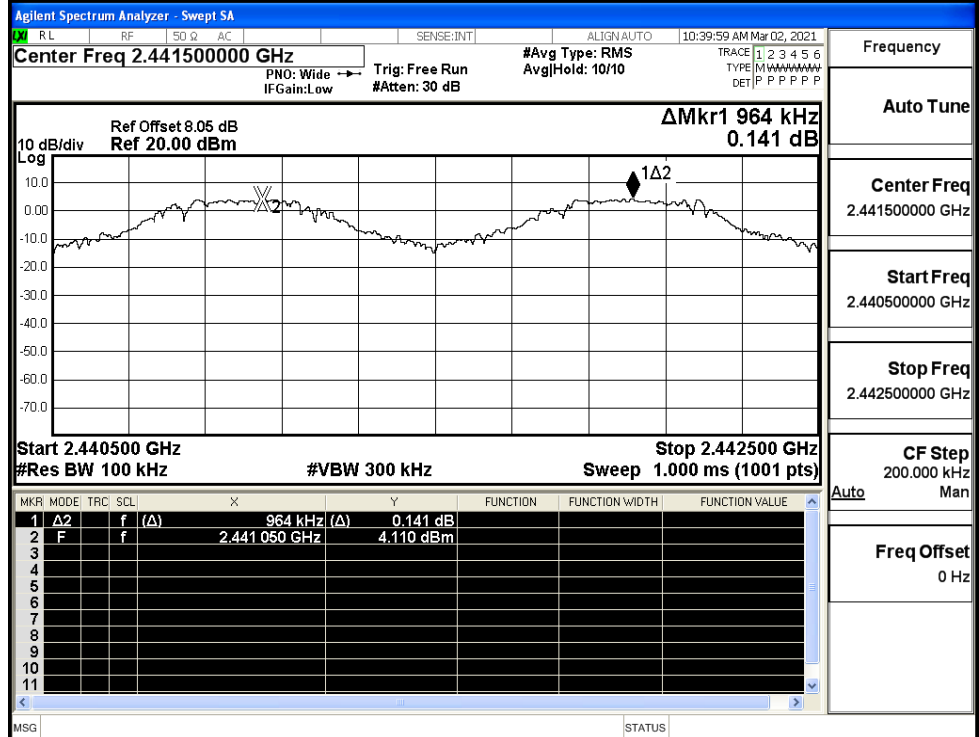
A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.883	0.688	PASS
	MCH	0.964	0.688	PASS
	HCH	0.930	0.688	PASS
π /4DQPSK	LCH	1.206	0.860	PASS
	MCH	1.012	0.860	PASS
	HCH	1.194	0.860	PASS
8DPSK	LCH	1.056	0.862	PASS
	MCH	1.112	0.862	PASS
	HCH	0.888	0.862	PASS

Test Graphs



GFSK/MCH



Frequency

Auto Tune

Center Freq
2.441500000 GHz

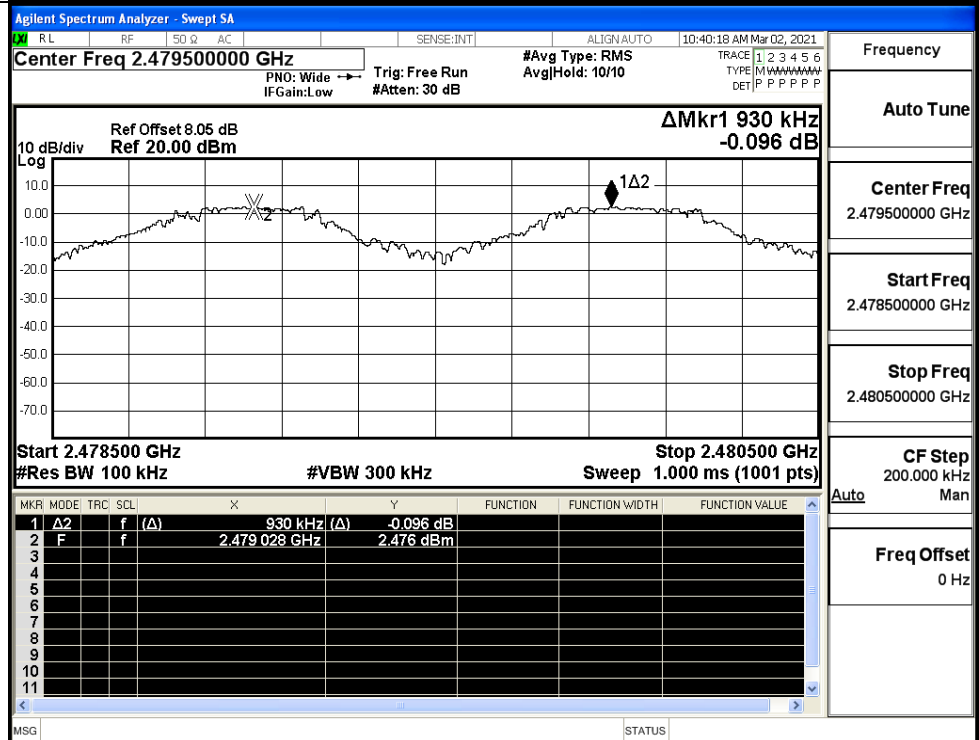
Start Freq
2.440500000 GHz

Stop Freq
2.442500000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

GFSK/HCH



Frequency

Auto Tune

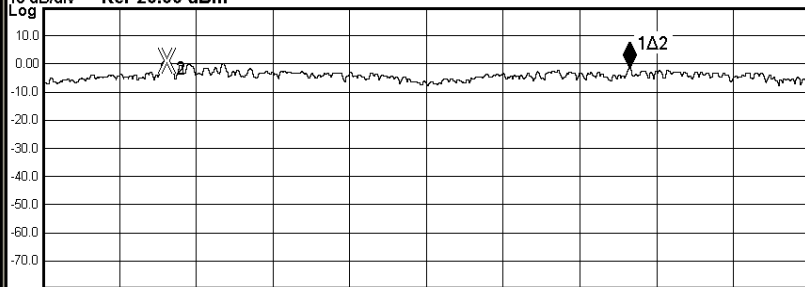
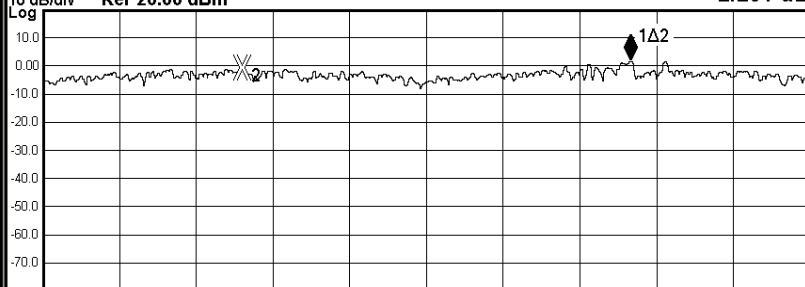
Center Freq
2.479500000 GHz

Start Freq
2.478500000 GHz

Stop Freq
2.480500000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

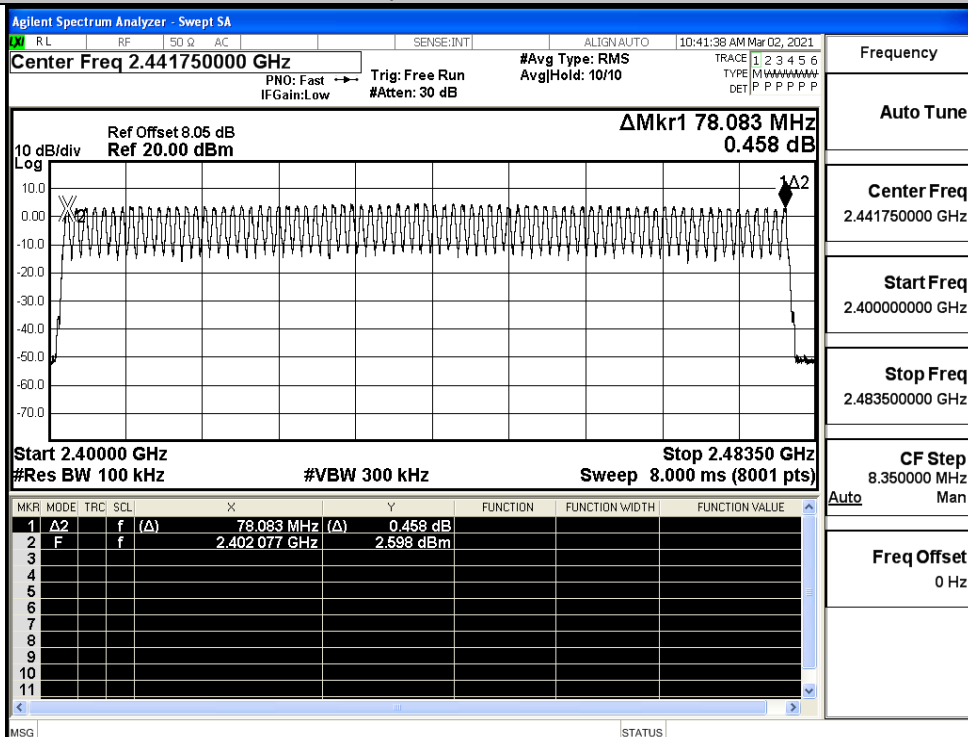
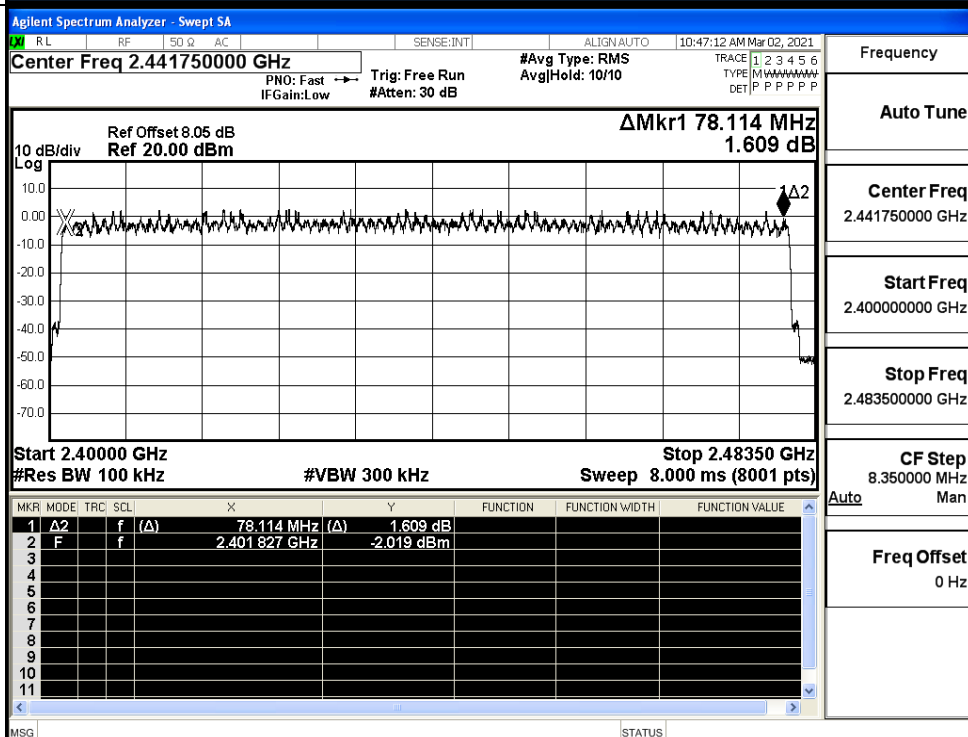
$\pi/4$ DQPSK/LCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:42:39 AM Mar 02, 2021 Center Freq 2.402500000 GHz PNO: Wide $\rightarrow$ IFGain:Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS AvgHold: 10/10 TRACE 1 2 3 4 5 6 TYPE [M] [W] [W] [W] [W] [W] DET [P] [P] [P] [P] [P] [P] Ref Offset 8.05 dB Ref 20.00 dBm ΔMkr1 1.206 MHz -2.732 dB 10 dB/div Log  Start 2.401500 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.403500 GHz Sweep 1.000 ms (1001 pts) <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>Δ2</td><td>f</td><td>(Δ)</td><td>1.206 MHz</td><td>(Δ)</td><td>-2.732 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>f</td><td></td><td>2.401824 GHz</td><td></td><td>1.112 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> MSG STATUS 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	Δ 2	f	(Δ)	1.206 MHz	(Δ)	-2.732 dB			2	F	f		2.401824 GHz		1.112 dBm			3									4									5									6									7									8									9									10									11								
	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																																				
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$\pi/4$ DQPSK/MCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:44:18 AM Mar 02, 2021 Center Freq 2.441500000 GHz PNO: Wide $\rightarrow$ IFGain:Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS AvgHold: 10/10 TRACE 1 2 3 4 5 6 TYPE [M] [W] [W] [W] [W] [W] DET [P] [P] [P] [P] [P] [P] Ref Offset 8.05 dB Ref 20.00 dBm ΔMkr1 1.012 MHz 2.201 dB 10 dB/div Log  Start 2.440500 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.442500 GHz Sweep 1.000 ms (1001 pts) <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>Δ2</td><td>f</td><td>(Δ)</td><td>1.012 MHz</td><td>(Δ)</td><td>2.201 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>f</td><td></td><td>2.441020 GHz</td><td></td><td>-0.620 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> MSG STATUS 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	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ 2	f	(Δ)	1.012 MHz	(Δ)	2.201 dB			2	F	f		2.441020 GHz		-0.620 dBm			3									4									5									6									7									8									9									10									11								
	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																																				
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A.4 Hopping Channel Number

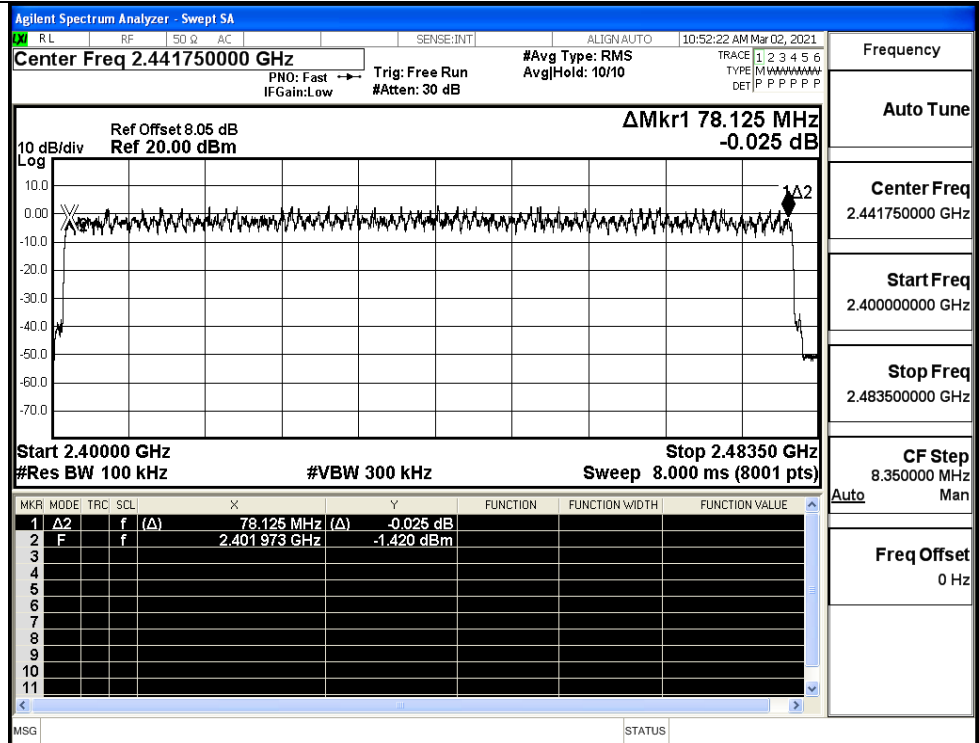
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Hop	79	≥ 15	PASS
$\pi/4$ DQPSK	Hop	79	≥ 15	PASS
8DPSK	Hop	79	≥ 15	PASS

Test Graphs

GFSK/Hop

 $\pi/4$ DQPSK/Hop

8DPSK/Hop

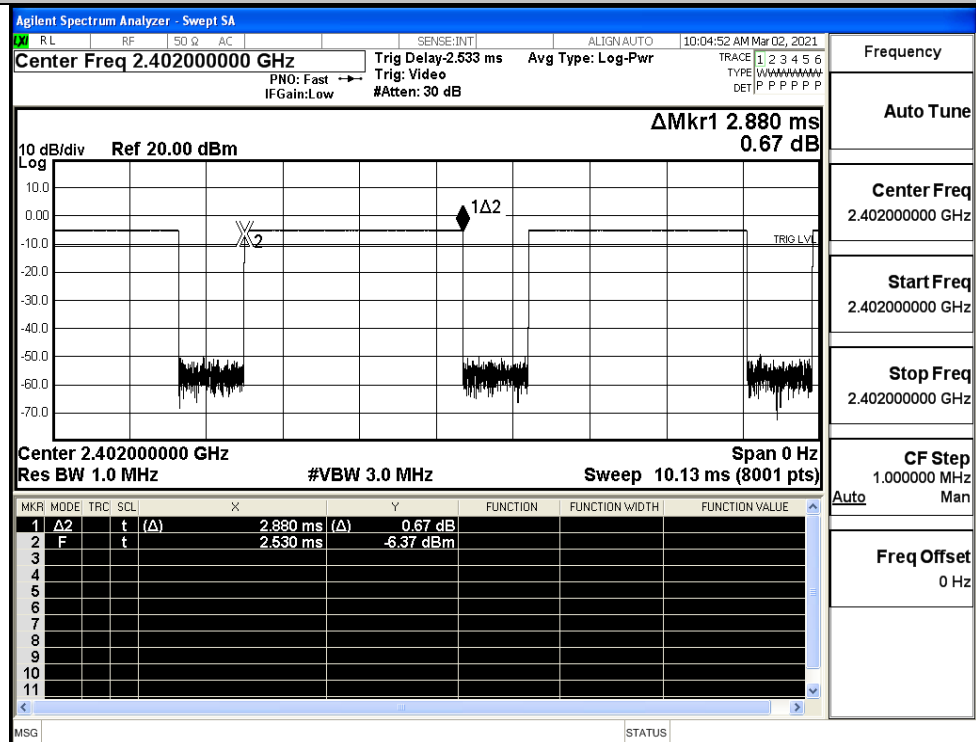


A.5 Dwell Time

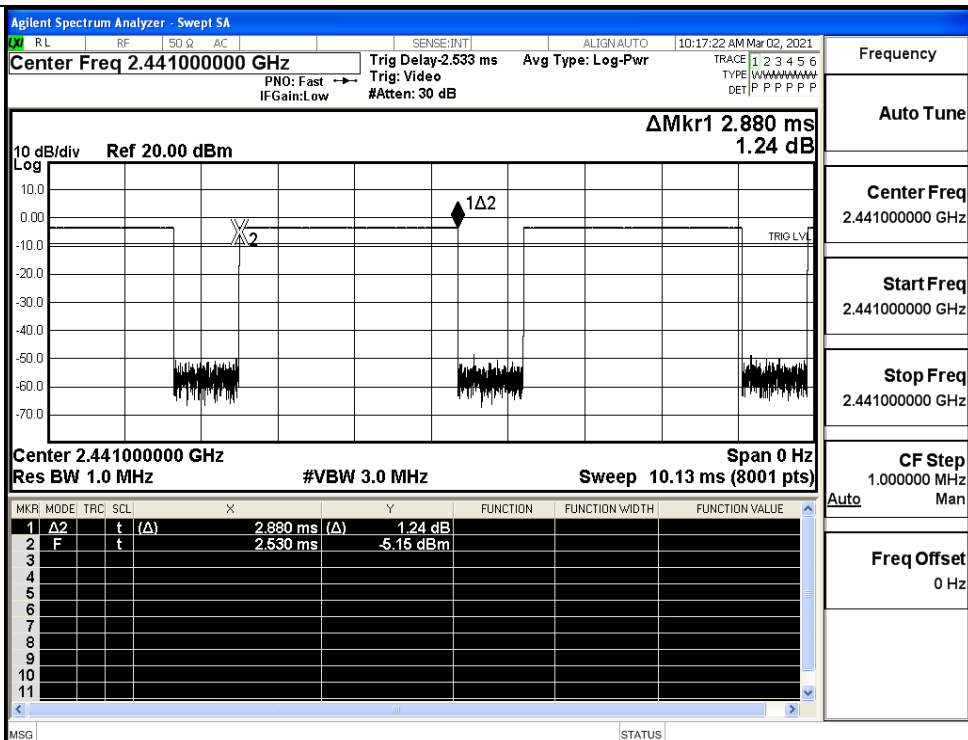
Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
GFSK	DH5	LCH	2.88	106.7	0.307	0.4	PASS
	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
$\pi/4$ DQPSK	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88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

Test Graphs

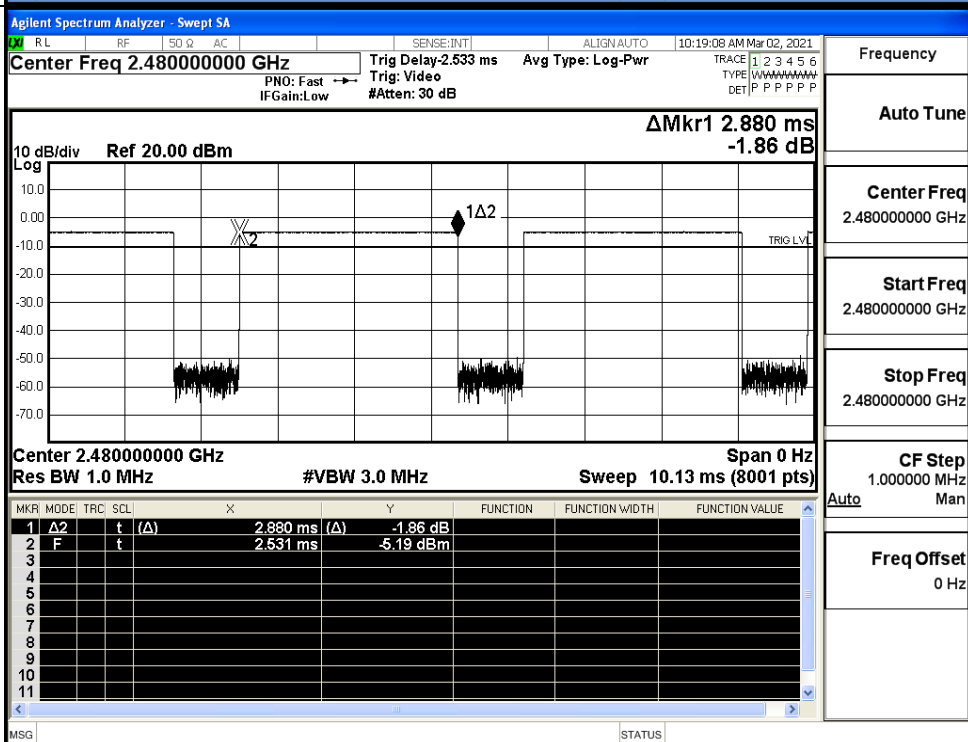
GFSK_DH5/LCH



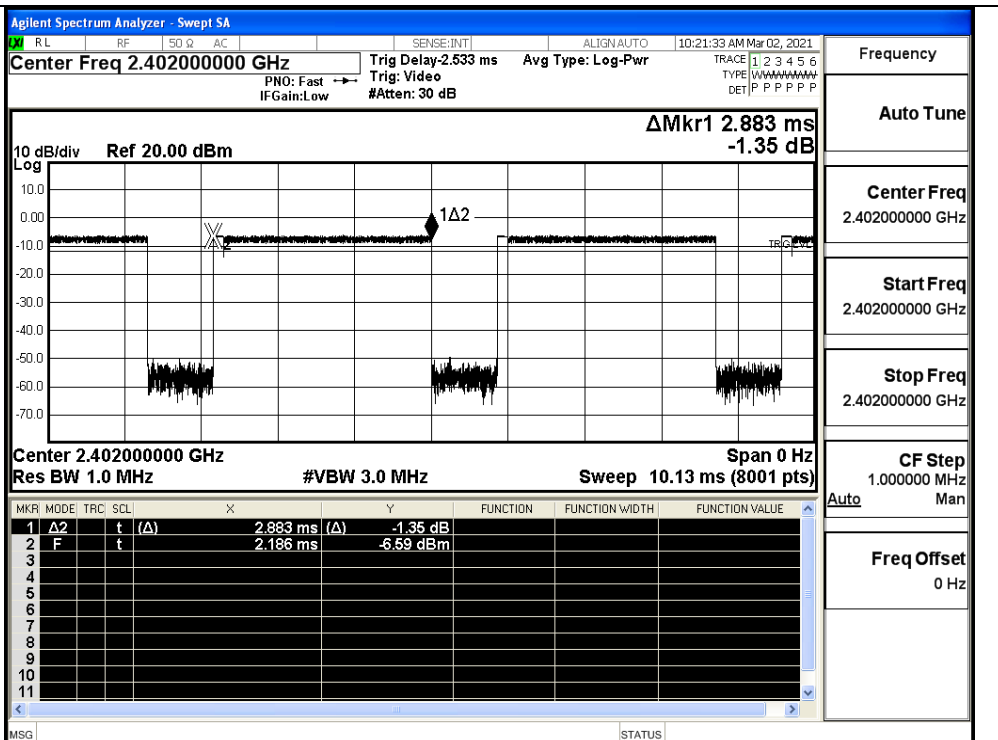
GFSK_DH5/MCH



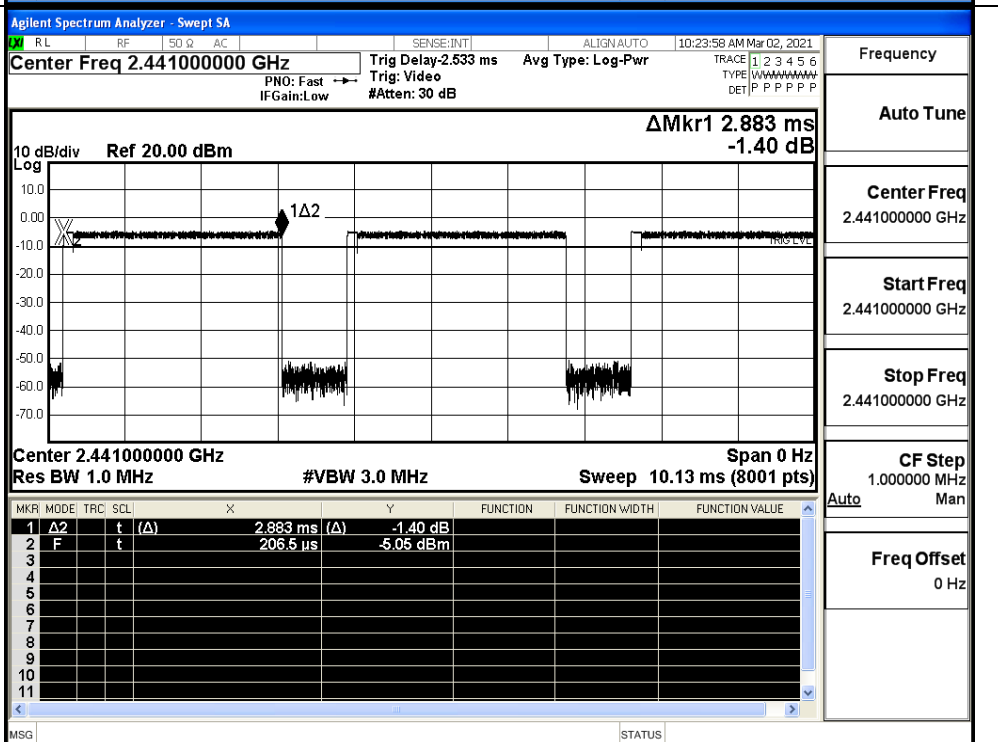
GFSK_DH5/HCH



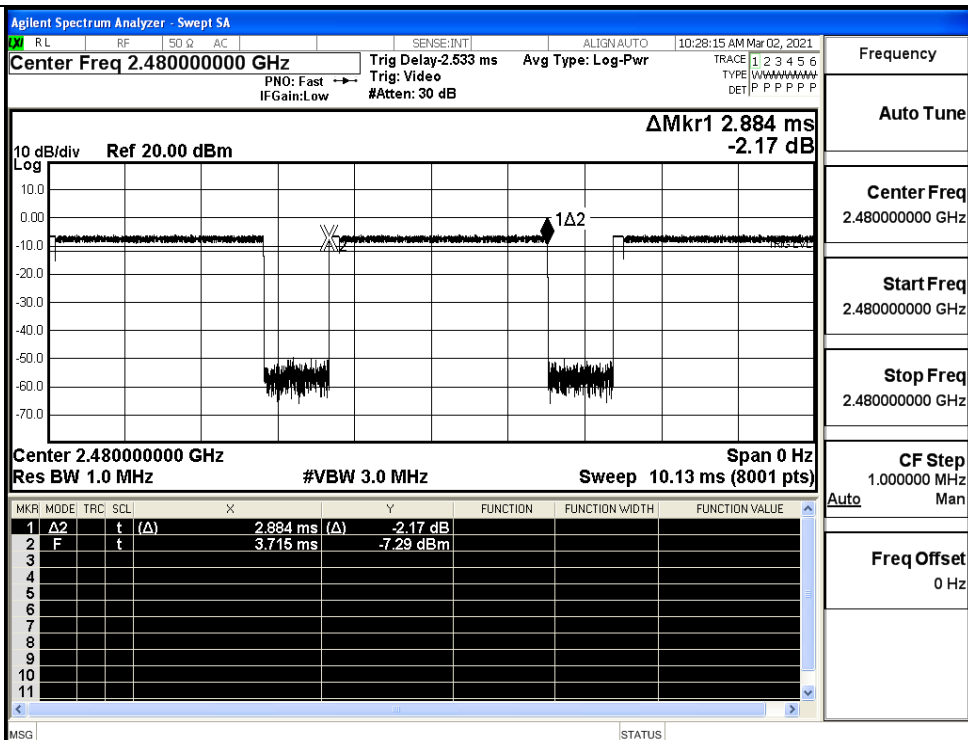
$\pi/4$ DQPSK
_2DH5/LCH



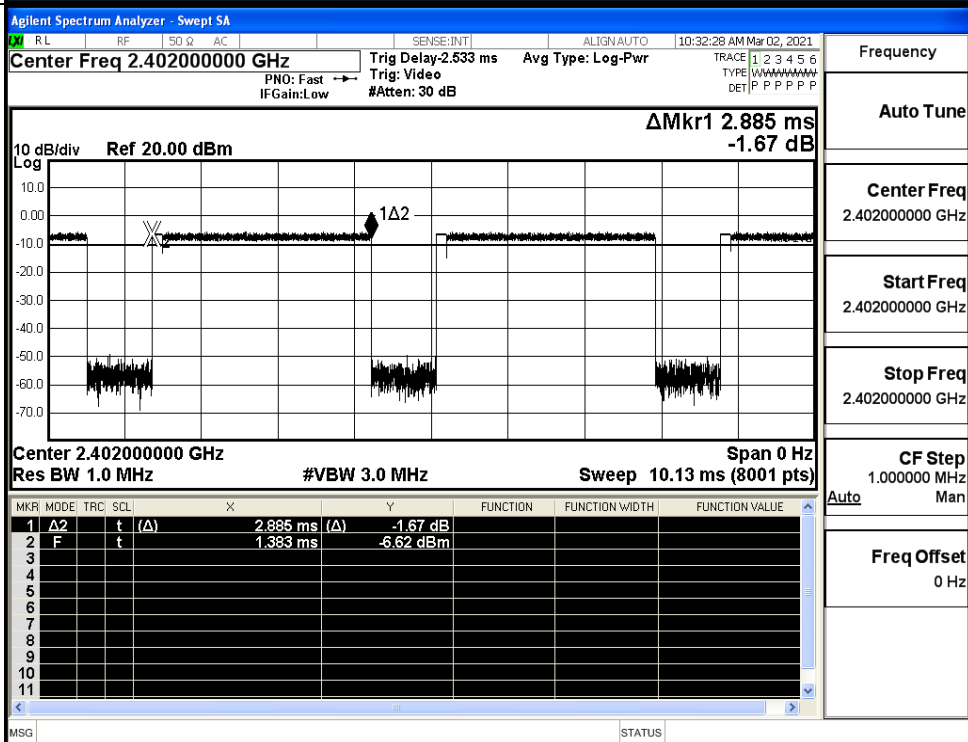
$\pi/4$ DQPSK
_2DH5/MCH



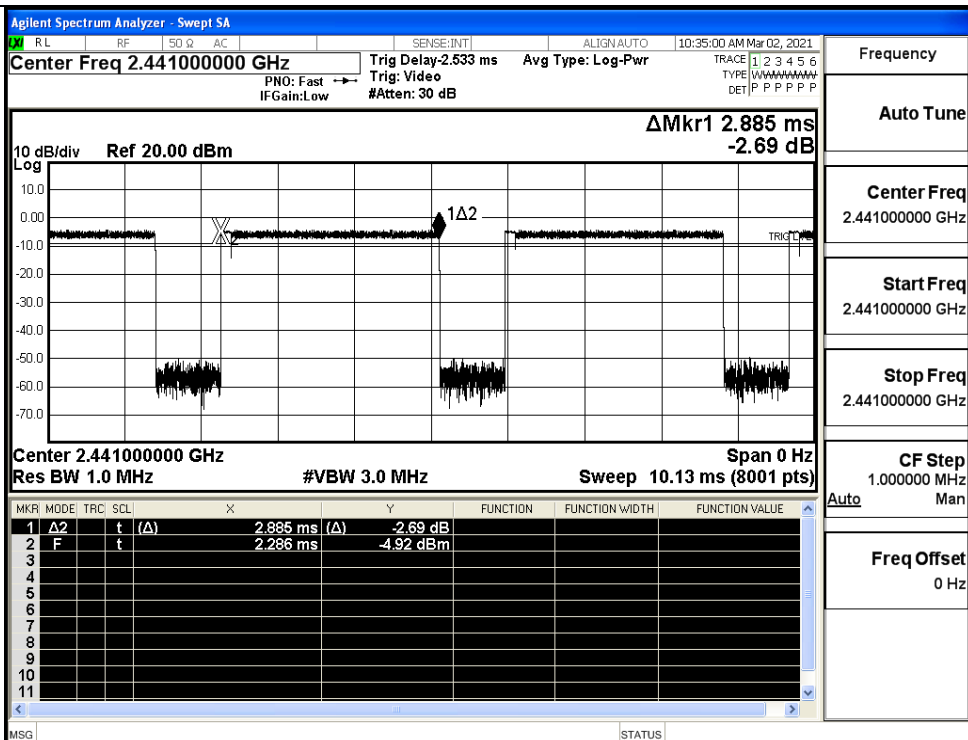
$\pi/4$ DQPSK
_2DH5/HCH



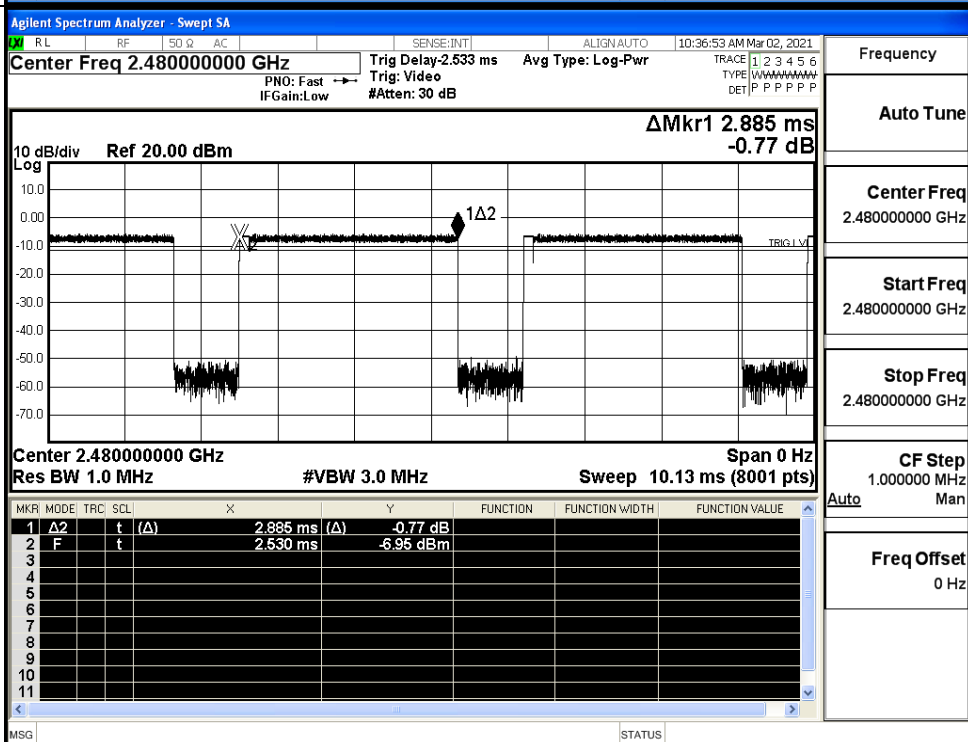
8DPSK_3DH5/LCH



8DPSK_3DH5/MCH

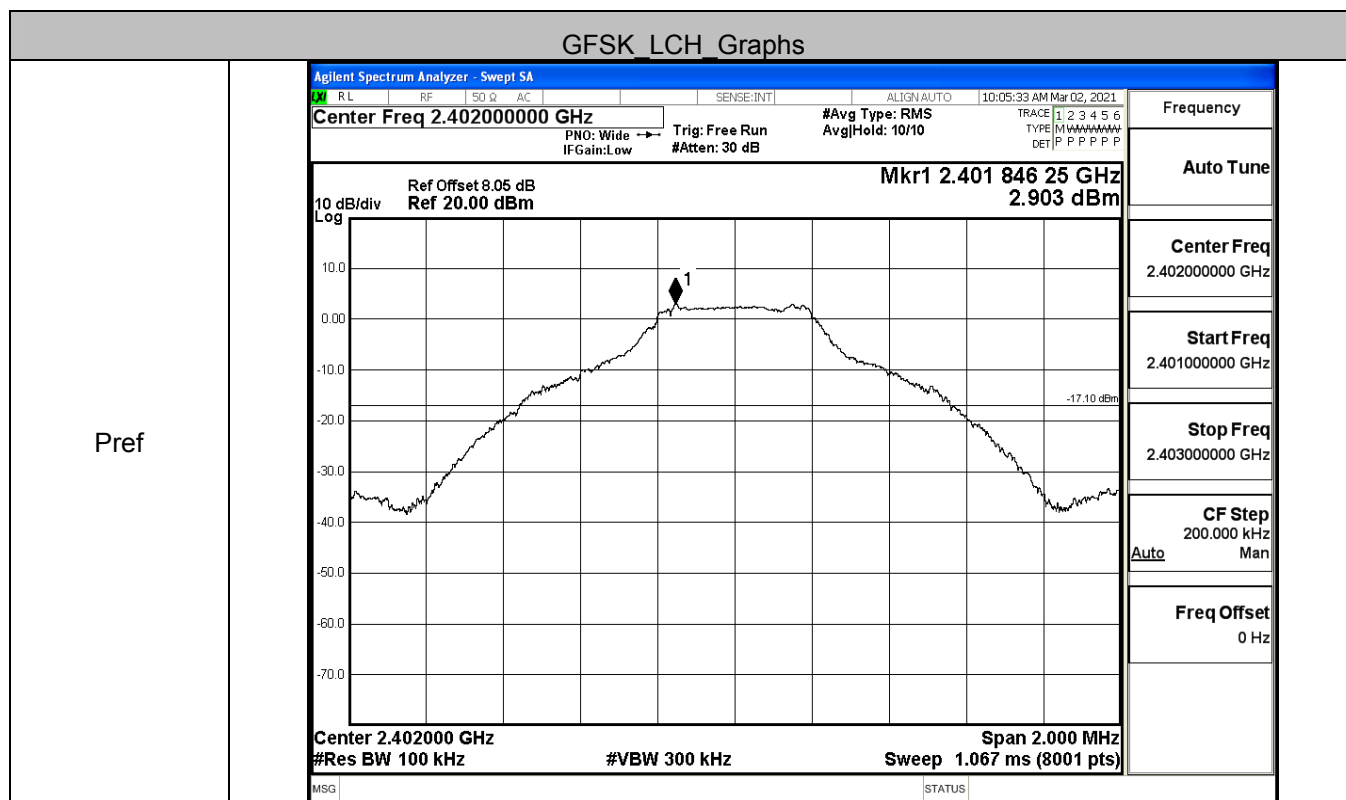


8DPSK_3DH5/HCH

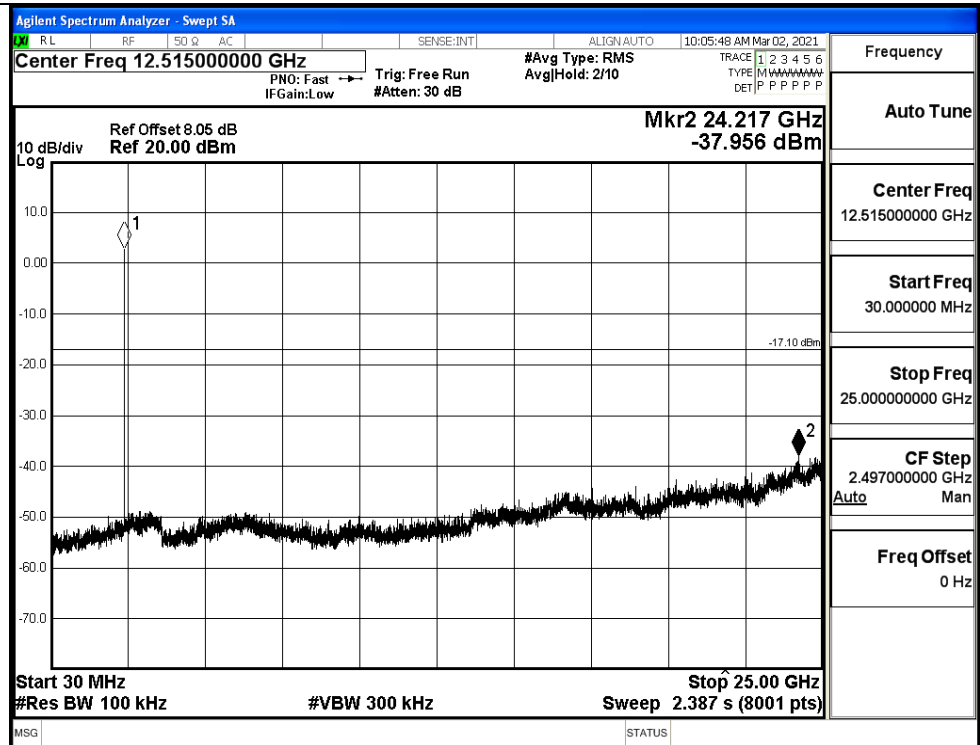


A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2.903	-37.956	-17.097	PASS
	MCH	4.636	-38.140	-15.364	PASS
	HCH	3.051	-37.255	-16.949	PASS
$\pi/4$ DQPSK	LCH	1.372	-37.828	-18.628	PASS
	MCH	2.887	-37.609	-17.113	PASS
	HCH	1.325	-37.869	-18.675	PASS
8DPSK	LCH	1.631	-38.015	-18.369	PASS
	MCH	3.156	-37.562	-16.844	PASS
	HCH	1.587	-37.710	-18.413	PASS

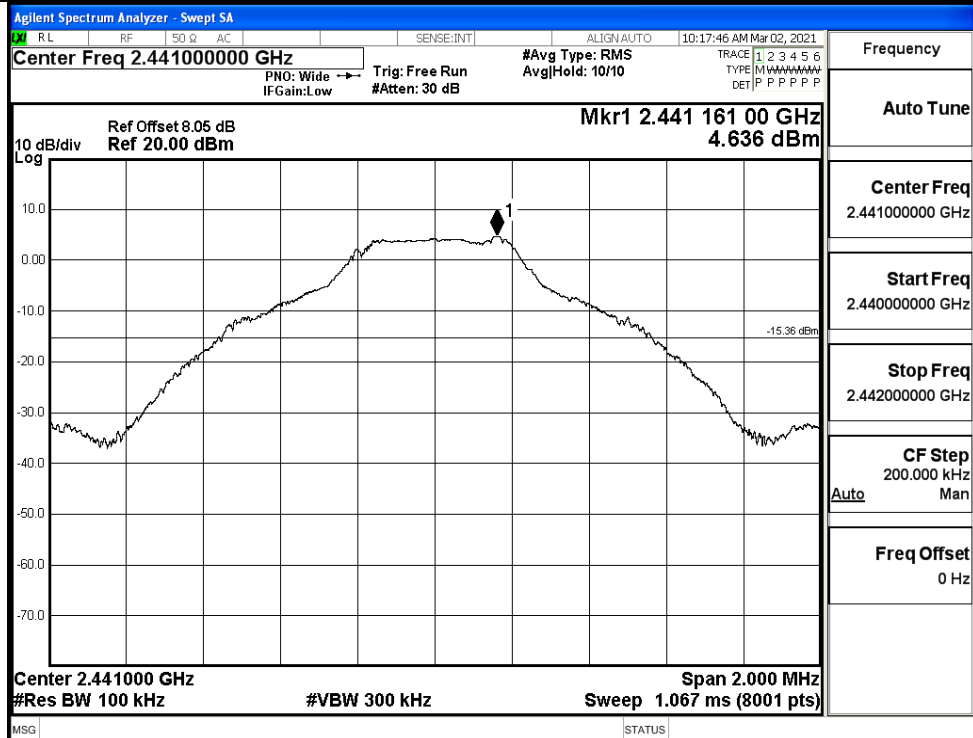


Puw

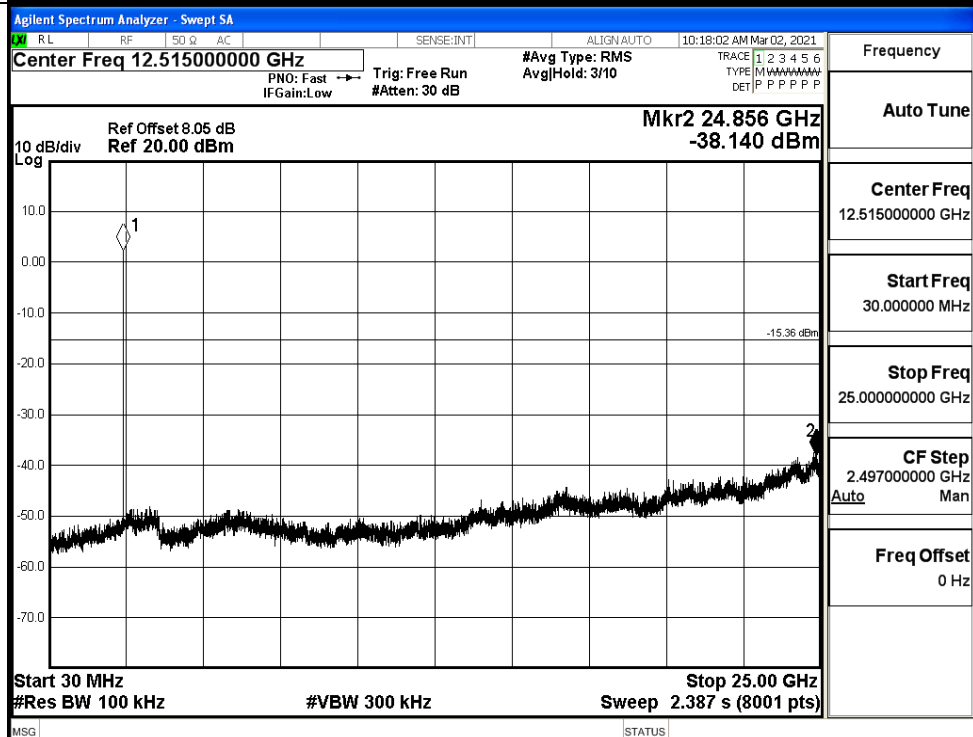


GFSK_MCH_Graphs

Pref

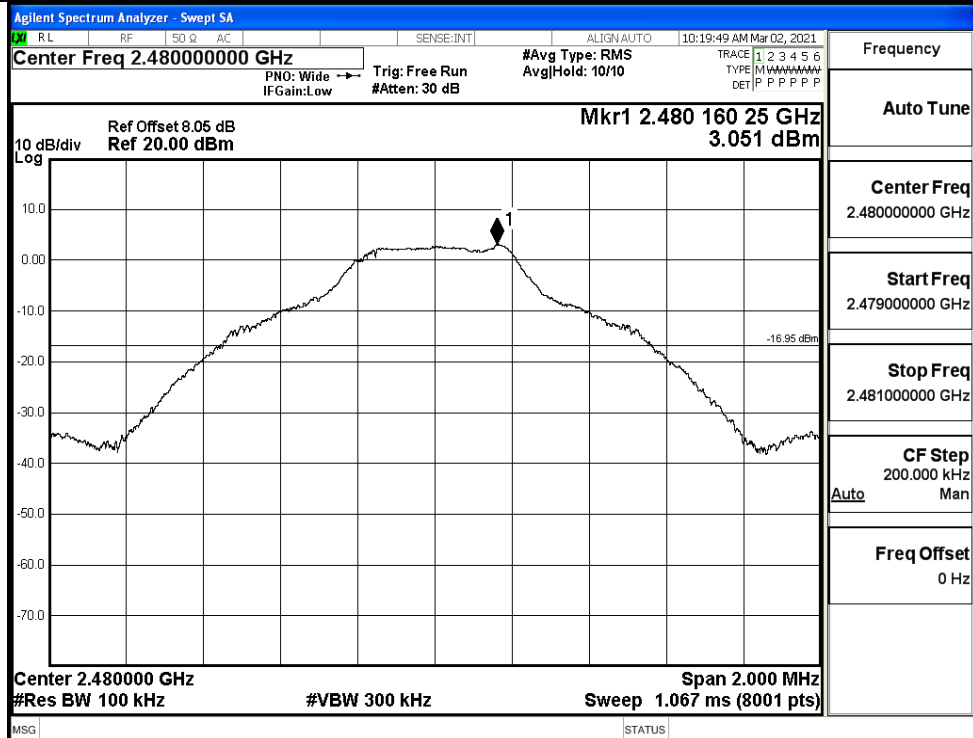


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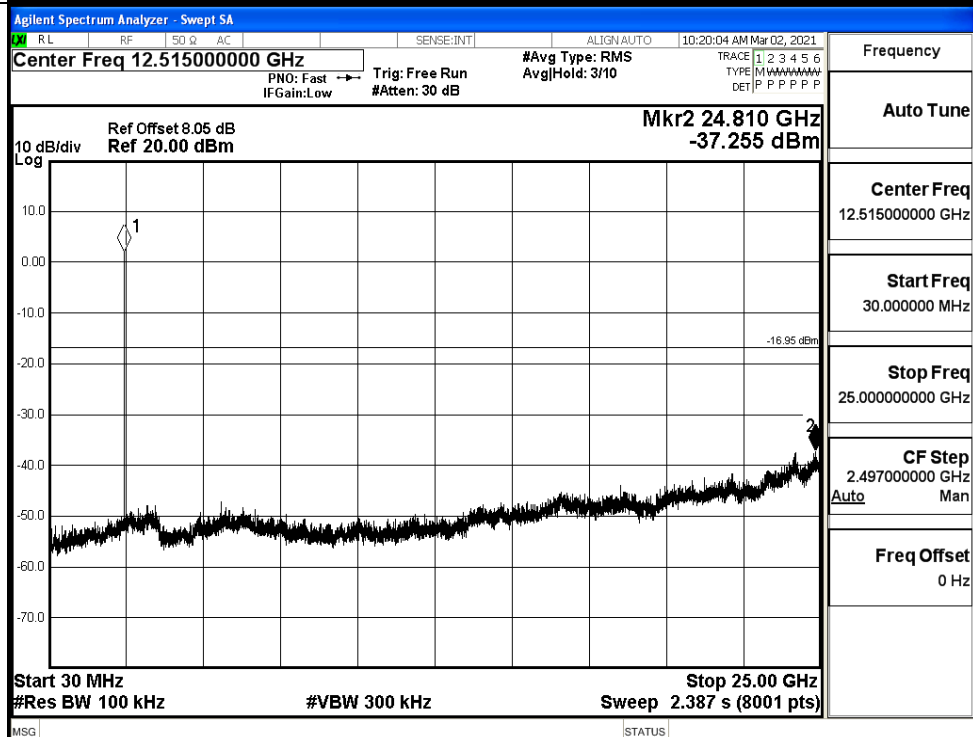


GFSK HCH_Graphs

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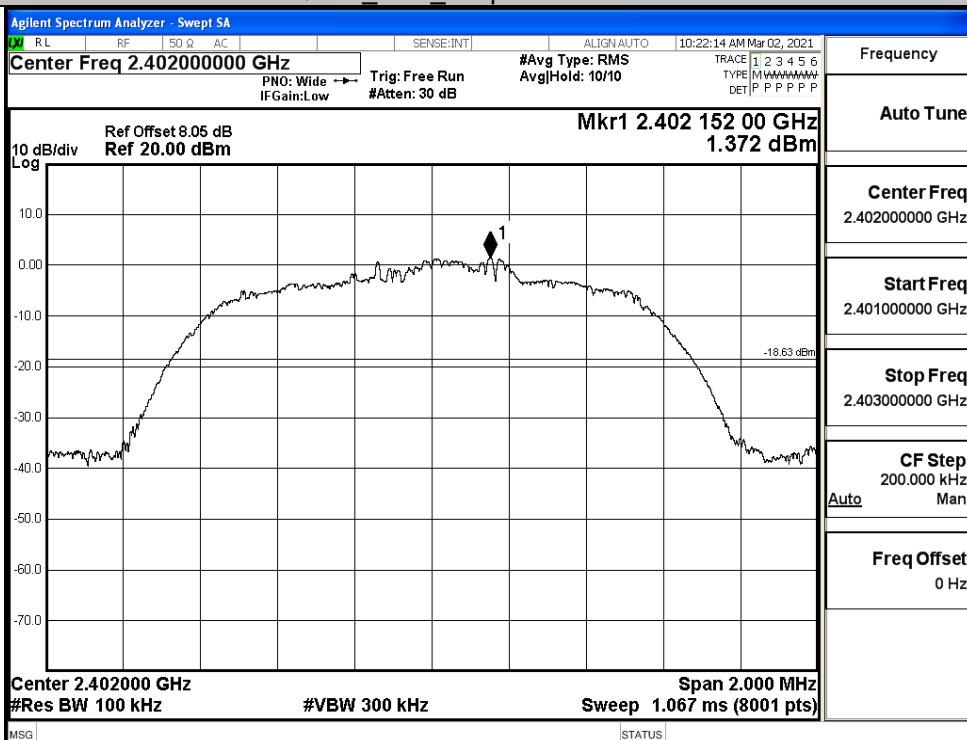


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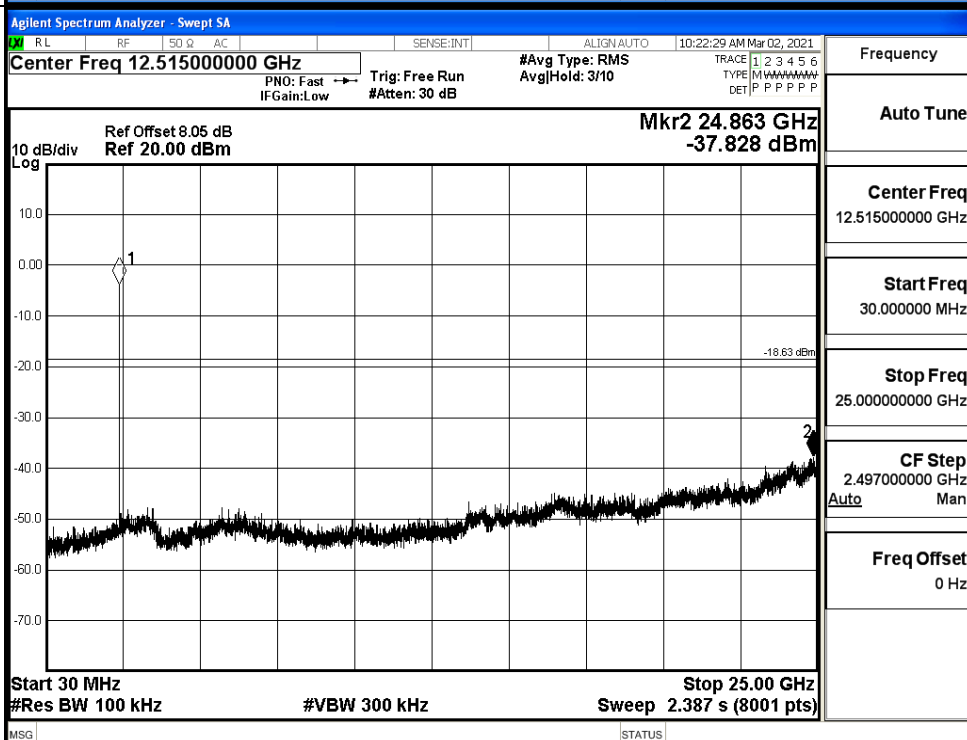


$\pi/4$ DQPSK LCH_Graphs

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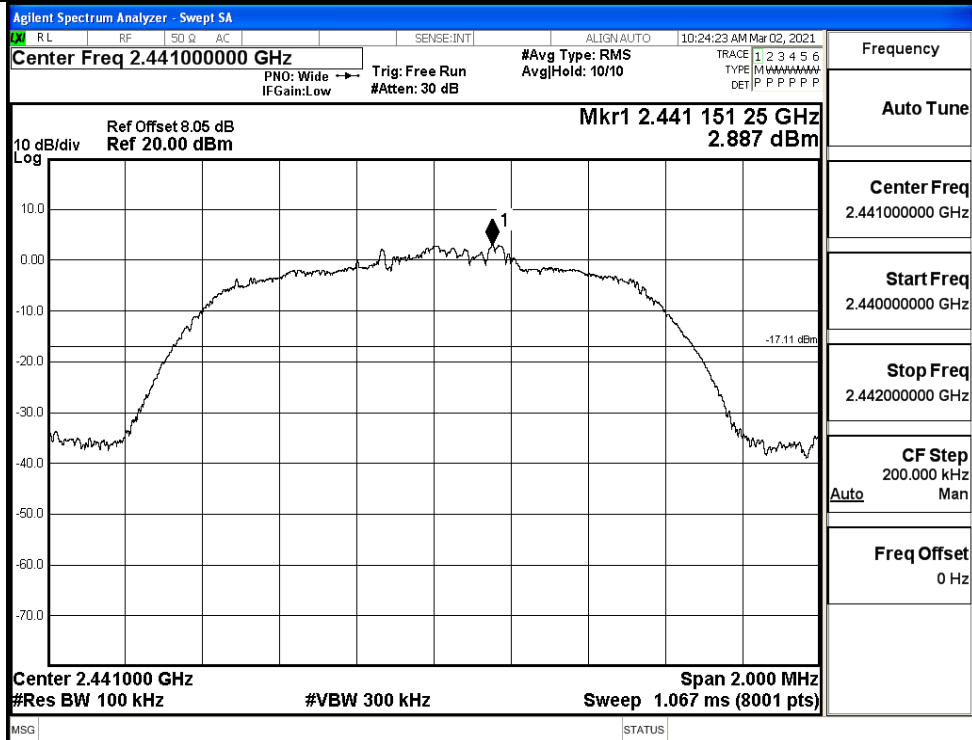


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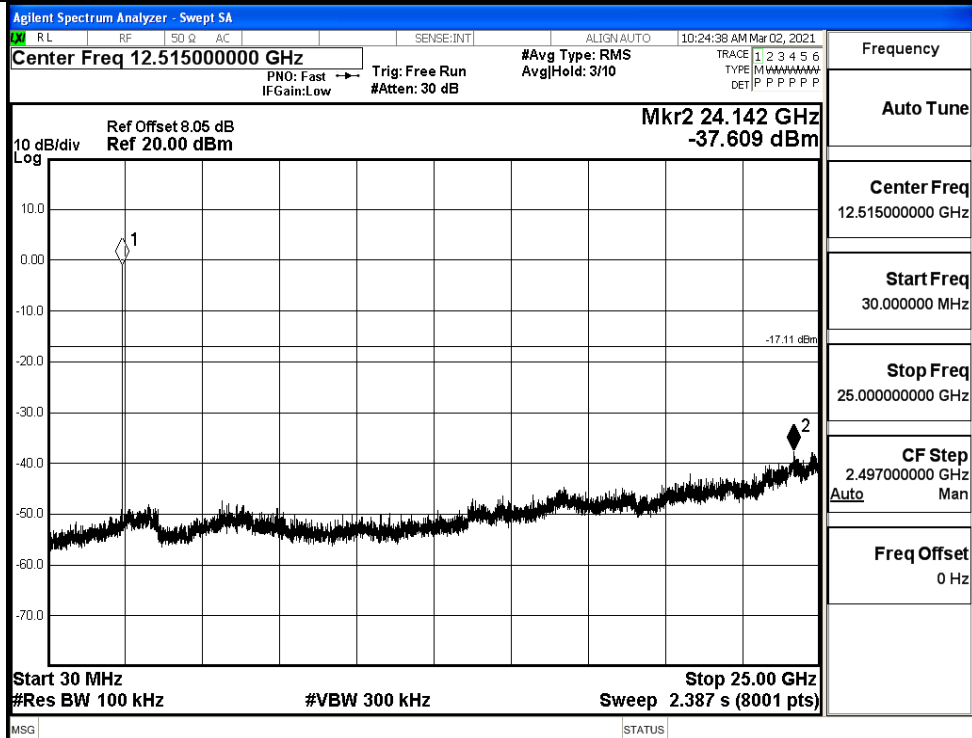


$\pi/4$ DQPSK_MCH_Graphs

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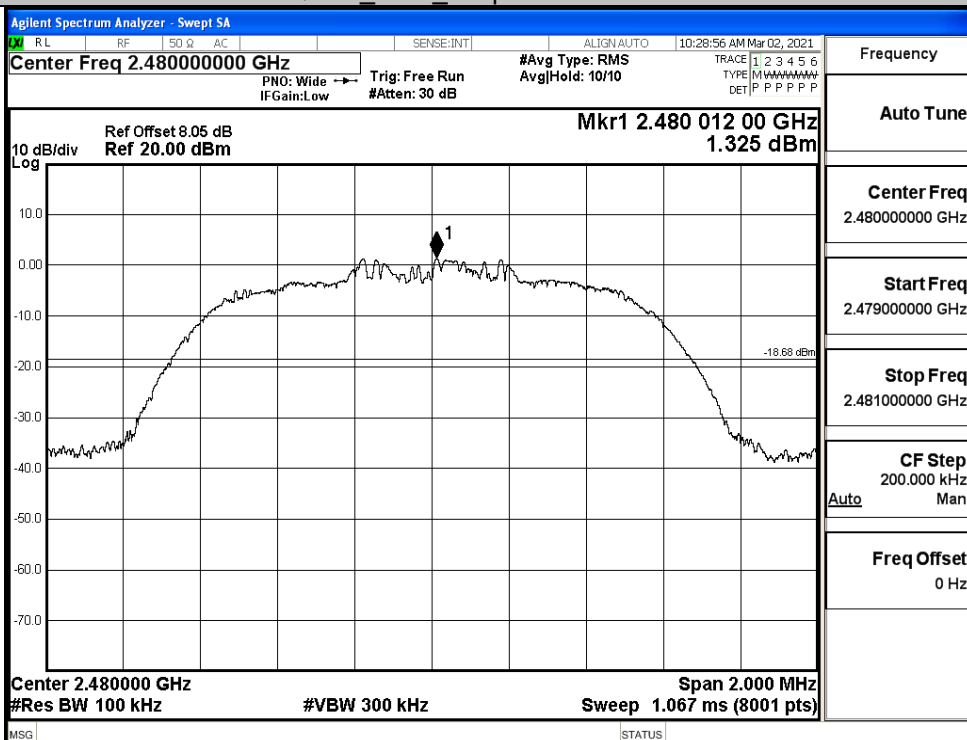


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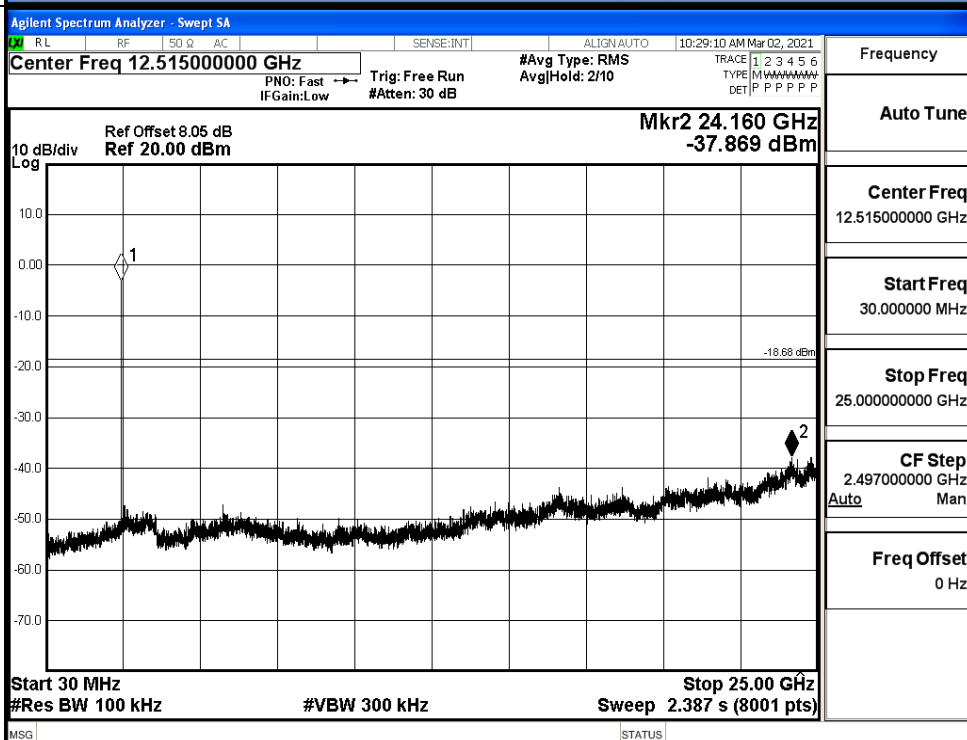


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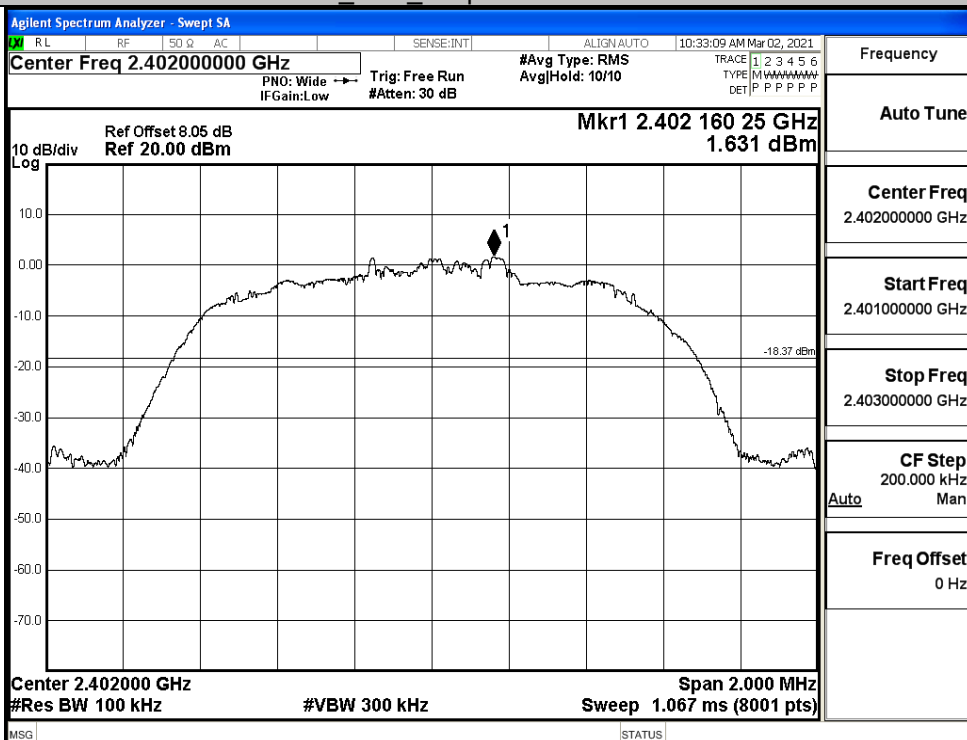


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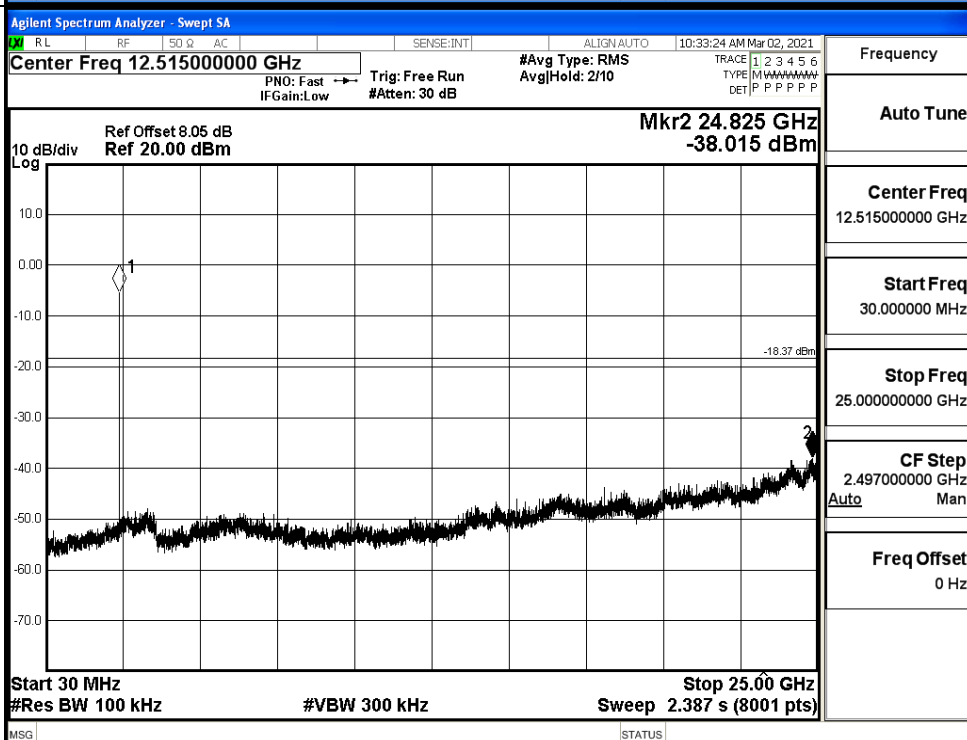


8DPSK_LCH_Graphs

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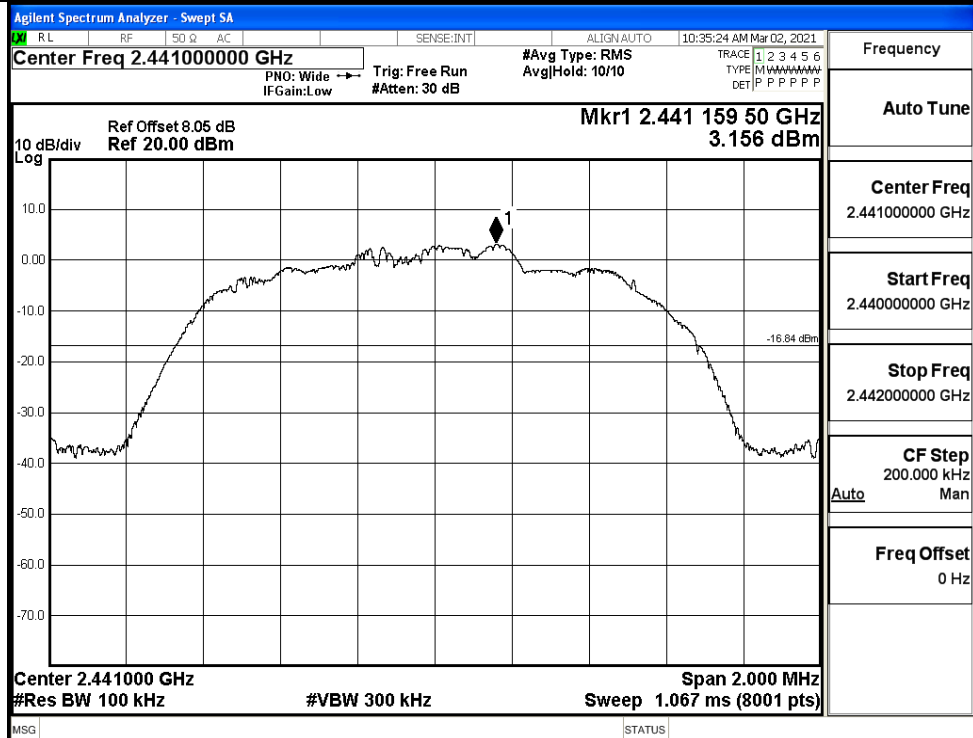


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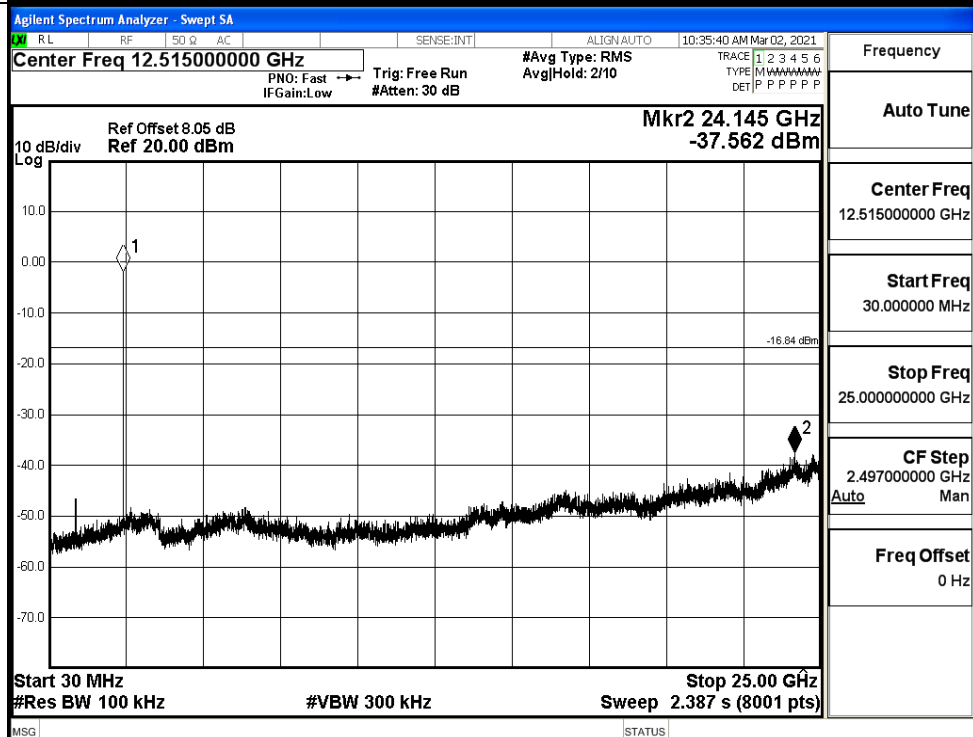


8DPSK MCH_Graphs

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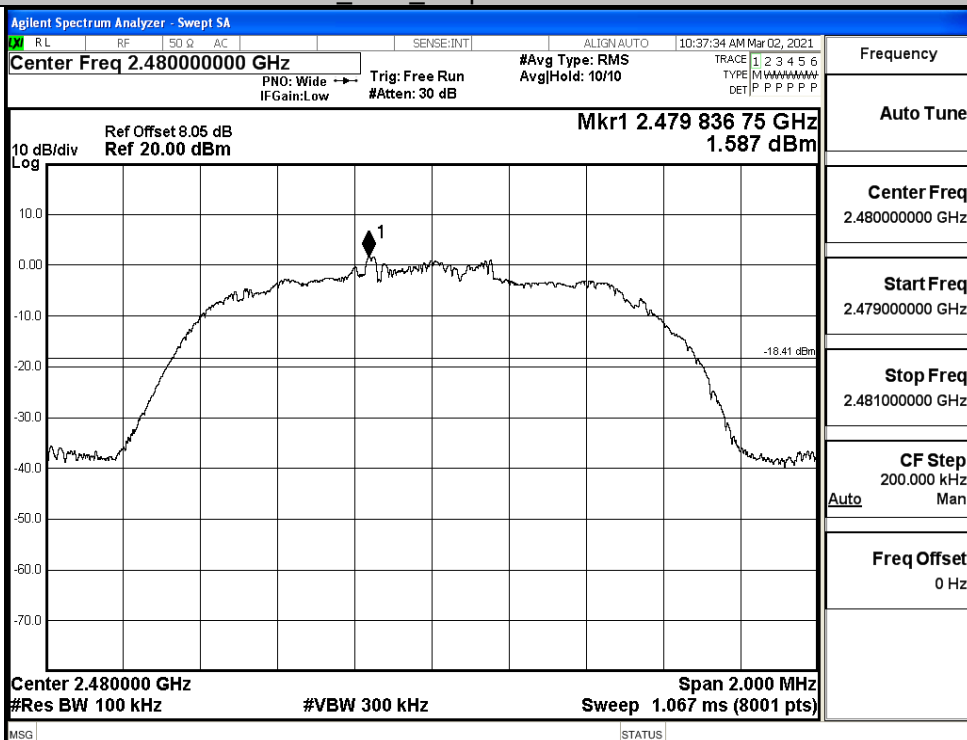


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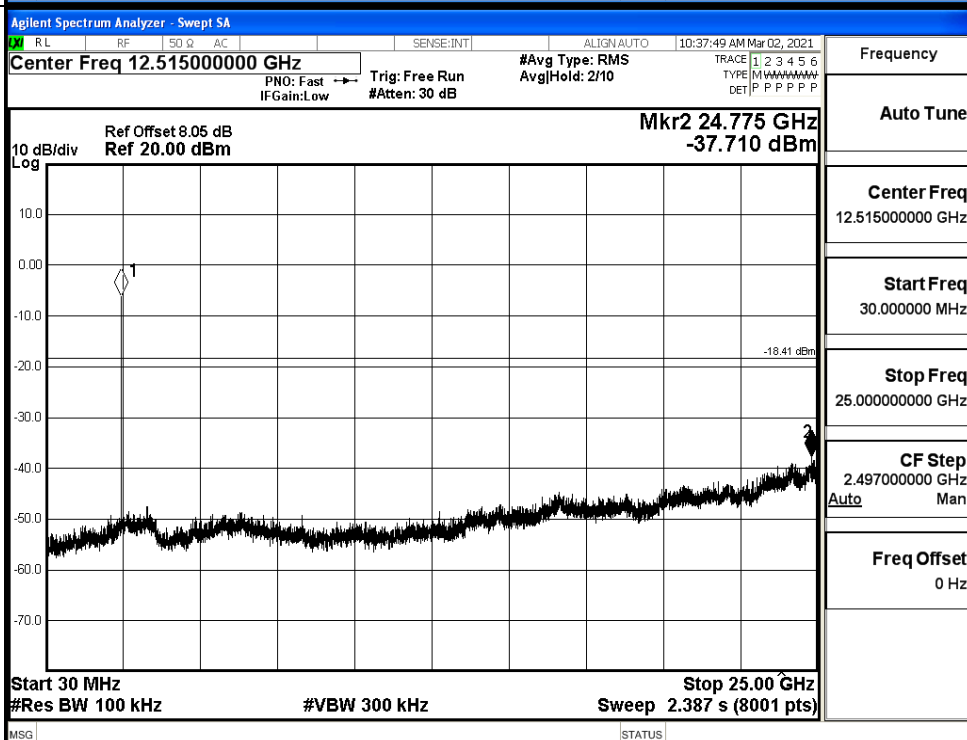


8DPSK_HCH_Graphs

Pref



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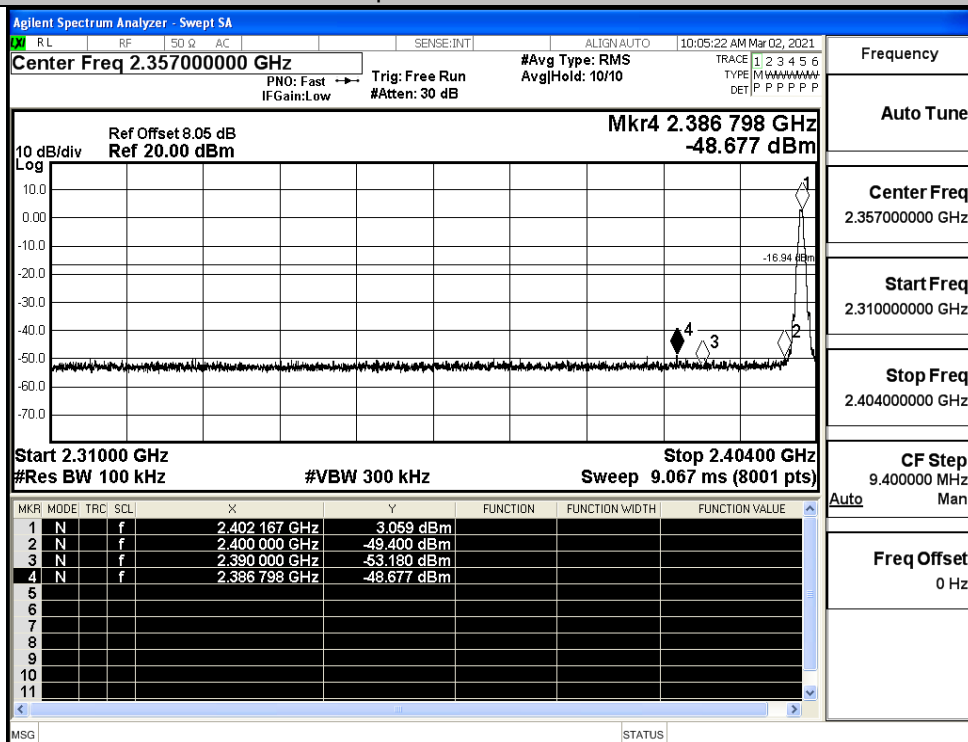


A.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.059	Off	-48.677	-16.94	PASS
			4.167	On	-48.816	-15.83	PASS
	HCH	2480	3.141	Off	-48.734	-16.86	PASS
			4.051	On	-48.903	-15.95	PASS
$\pi/4$ DQPSK	LCH	2402	1.597	Off	-49.248	-18.4	PASS
			2.837	On	-49.436	-17.16	PASS
	HCH	2480	1.226	Off	-48.339	-18.77	PASS
			2.416	On	-48.829	-17.58	PASS
8DPSK	LCH	2402	1.762	Off	-50.121	-18.24	PASS
			2.613	On	-48.949	-17.39	PASS
	HCH	2480	1.729	Off	-47.924	-18.27	PASS
			2.575	On	-48.432	-17.43	PASS

Test Graphs

GFSK/LCH/No Hop

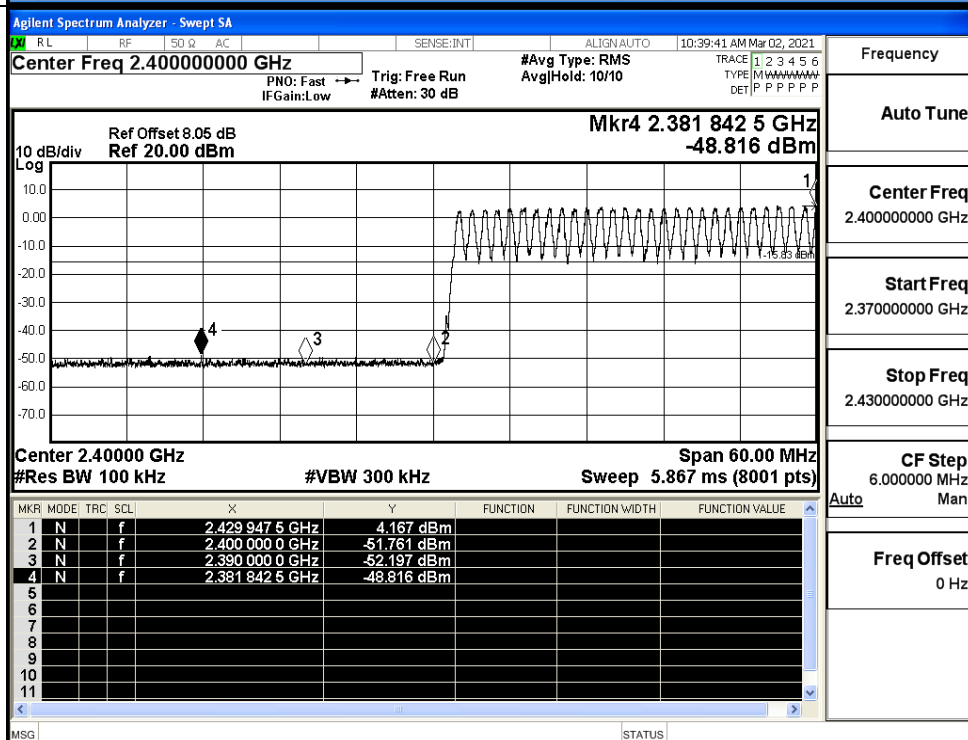


Frequency

Auto Tune

Center Freq
2.357000000 GHzStart Freq
2.310000000 GHzStop Freq
2.404000000 GHzCF Step
9.400000 MHz
ManFreq Offset
0 Hz

GFSK/LCH/Hop



Frequency

Auto Tune

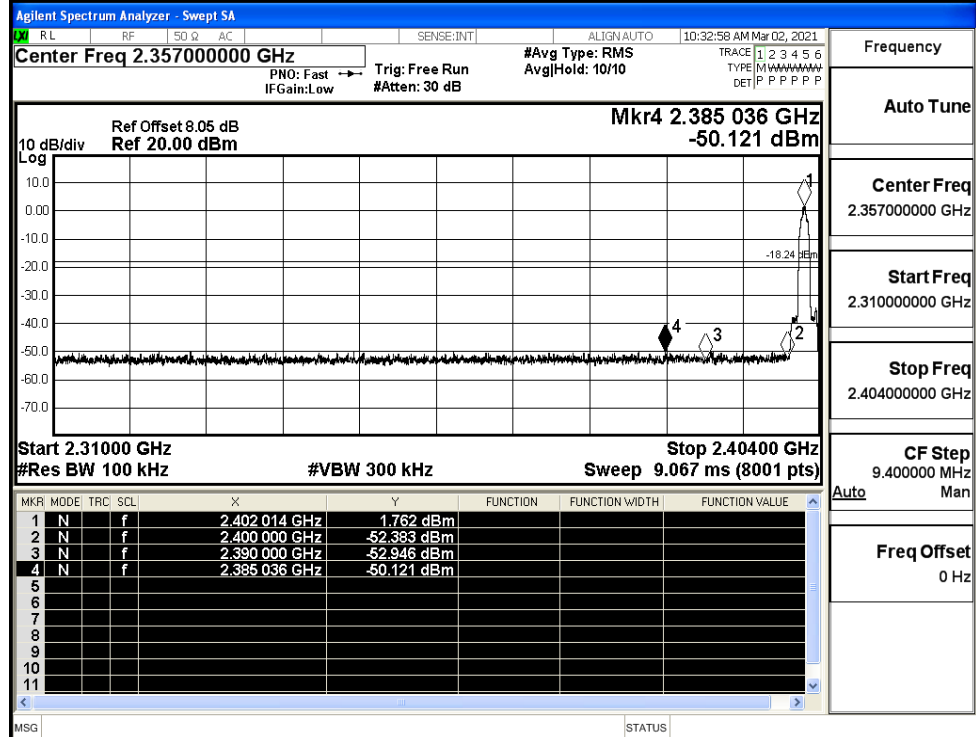
Center Freq
2.400000000 GHzStart Freq
2.370000000 GHzStop Freq
2.430000000 GHzCF Step
6.000000 MHz
ManFreq Offset
0 Hz

GFSK/HCH/No Hop	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC Center Freq 2.489000000 GHz PN0: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS Avg/Hold: 10/10 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P P P P P P 10:19:38 AM Mar 02, 2021 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																																																																																																												
	Ref Offset 8.05 dB Ref 20.00 dBm Mkr4 2.486 104 25 GHz -48.734 dBm 10 dB/div Log Start 2.47800 GHz Stop 2.50000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.133 ms (8001 pts) <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>N</td><td>f</td><td></td><td>2.479 860 75 GHz</td><td>3.141 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>-51.111 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>-52.318 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>f</td><td></td><td>2.486 104 25 GHz</td><td>-48.734 dBm</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> MSG STATUS	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f		2.479 860 75 GHz	3.141 dBm				2	N	f		2.483 500 00 GHz	-51.111 dBm				3	N	f		2.500 000 00 GHz	-52.318 dBm				4	N	f		2.486 104 25 GHz	-48.734 dBm				5									6									7									8									9									10									11								
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$\pi/4$ DQPSK/HCH/Hop	Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz Ref Offset 8.05 dB Ref 20.00 dBm 10 dB/div Log Mkr4 2.488 577 5 GHz -48.829 dBm Center 2.48350 GHz Span 60.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.867 ms (8001 pts) <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>N</td><td>f</td><td></td><td>2.455 165 0 GHz</td><td>2.416 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>-50.931 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>-50.617 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>f</td><td></td><td>2.488 577 5 GHz</td><td>-48.829 dBm</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> MSG STATUS	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	f		2.455 165 0 GHz	2.416 dBm				2	N	f		2.483 500 0 GHz	-50.931 dBm				3	N	f		2.500 000 0 GHz	-50.617 dBm				4	N	f		2.488 577 5 GHz	-48.829 dBm				5									6									7									8									9									10									11									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
	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																																					
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8DPSK/LCH/No Hop



Frequency

Auto Tune

Center Freq
2.357000000 GHz

Start Freq
2.310000000 GHz

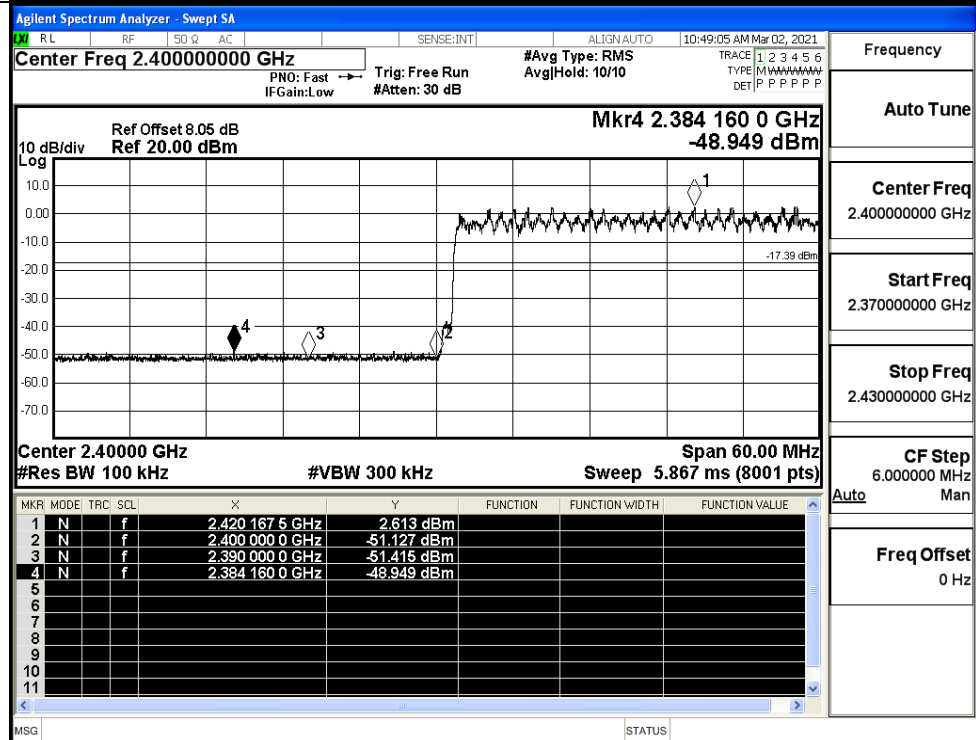
Stop Freq
2.404000000 GHz

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

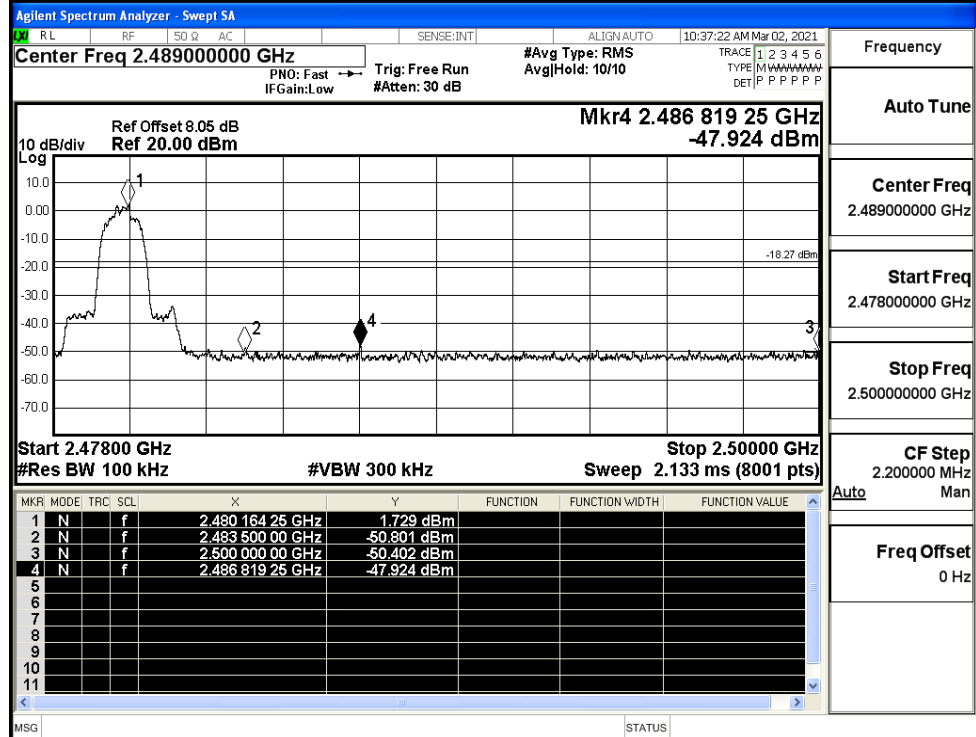
Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz

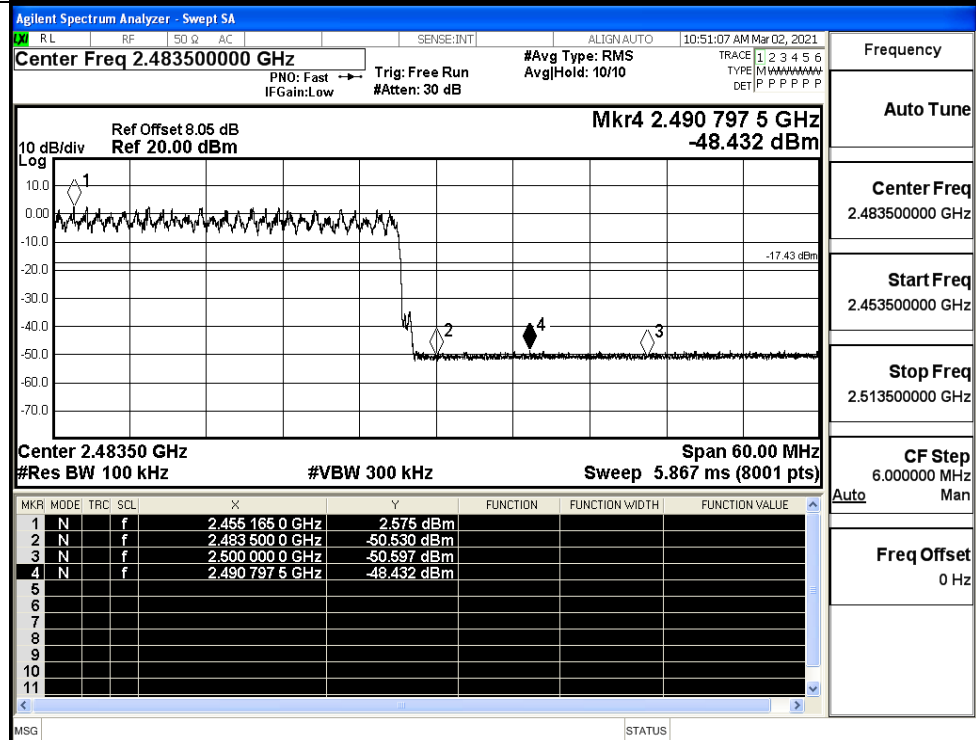
Auto Man

Freq Offset
0 Hz

8DPSK/HCH/No Hop



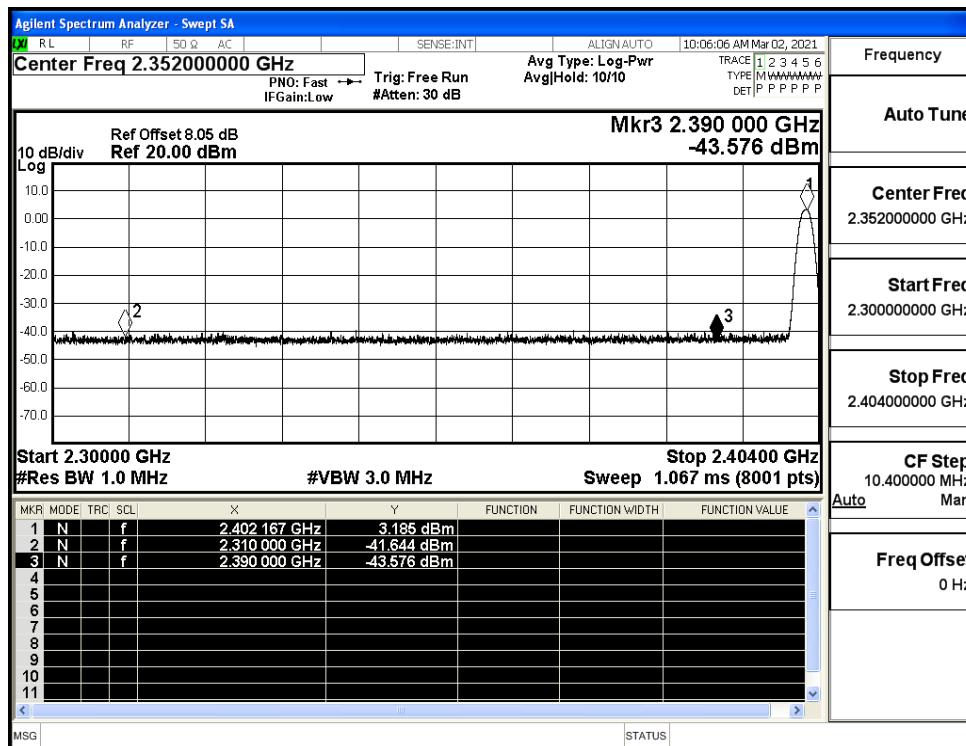
8DPSK/HCH/Hop



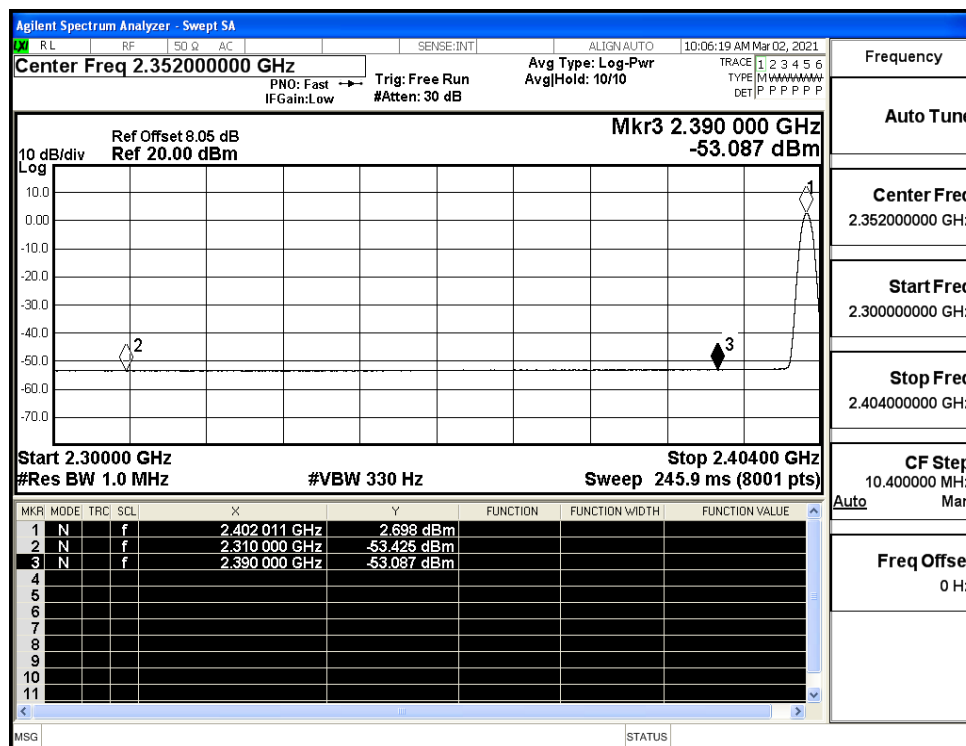
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-41.64	2.0	0	53.61	PEAK	74	PASS
	Off	2310.0	-53.43	2.0	0	41.83	AV	54	PASS
	Off	2390.0	-43.58	2.0	0	51.68	PEAK	74	PASS
	Off	2390.0	-53.09	2.0	0	42.17	AV	54	PASS
	Off	2483.5	-41.86	2.0	0	53.40	PEAK	74	PASS
	Off	2483.5	-52.38	2.0	0	42.88	AV	54	PASS
	Off	2500.0	-41.86	2.0	0	53.39	PEAK	74	PASS
	Off	2500.0	-52.42	2.0	0	42.84	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-43.59	2.0	0	51.67	PEAK	74	PASS
	Off	2310.0	-53.42	2.0	0	41.84	AV	54	PASS
	Off	2390.0	-42.74	2.0	0	52.52	PEAK	74	PASS
	Off	2390.0	-53.03	2.0	0	42.22	AV	54	PASS
	Off	2483.5	-41.22	2.0	0	54.04	PEAK	74	PASS
	Off	2483.5	-52.38	2.0	0	42.87	AV	54	PASS
	Off	2500.0	-41.94	2.0	0	53.32	PEAK	74	PASS
	Off	2500.0	-52.39	2.0	0	42.87	AV	54	PASS
8DPSK	Off	2310.0	-43.28	2.0	0	51.98	PEAK	74	PASS
	Off	2310.0	-53.39	2.0	0	41.87	AV	54	PASS
	Off	2390.0	-43.72	2.0	0	51.54	PEAK	74	PASS
	Off	2390.0	-52.91	2.0	0	42.34	AV	54	PASS
	Off	2483.5	-41.86	2.0	0	53.40	PEAK	74	PASS
	Off	2483.5	-52.40	2.0	0	42.86	AV	54	PASS
	Off	2500.0	-43.11	2.0	0	52.15	PEAK	74	PASS
	Off	2500.0	-52.41	2.0	0	42.85	AV	54	PASS

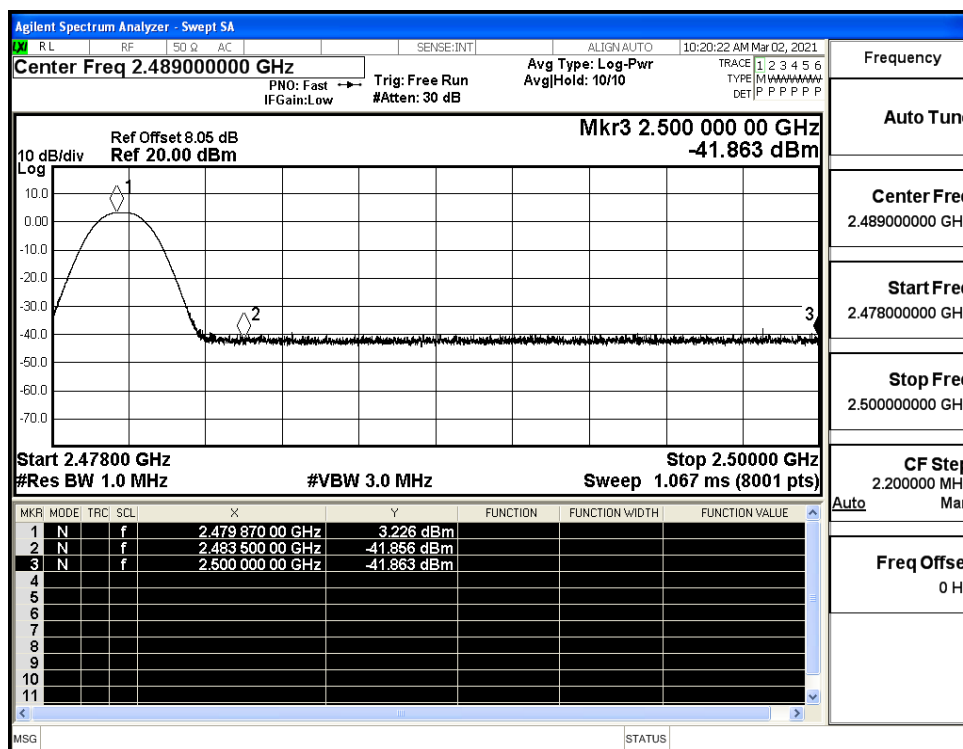
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



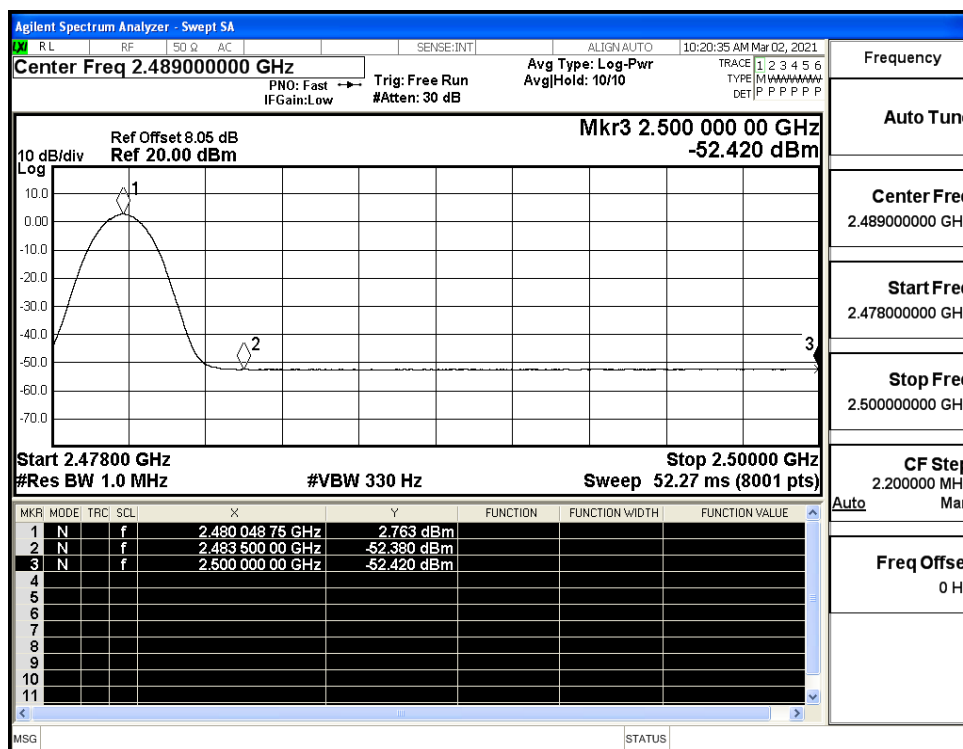
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



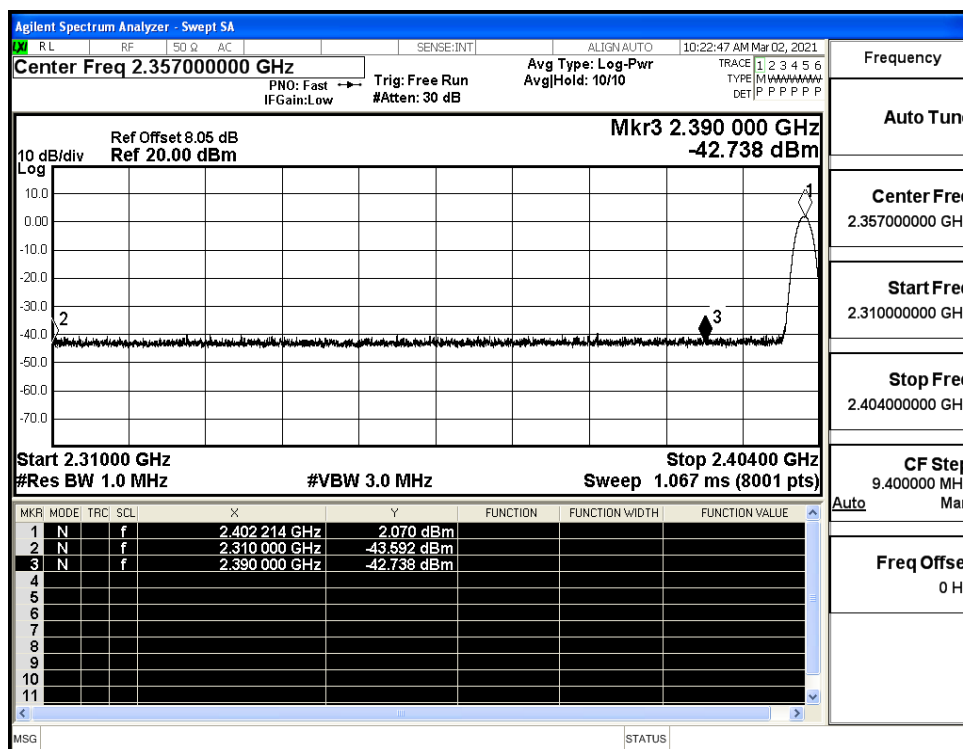
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



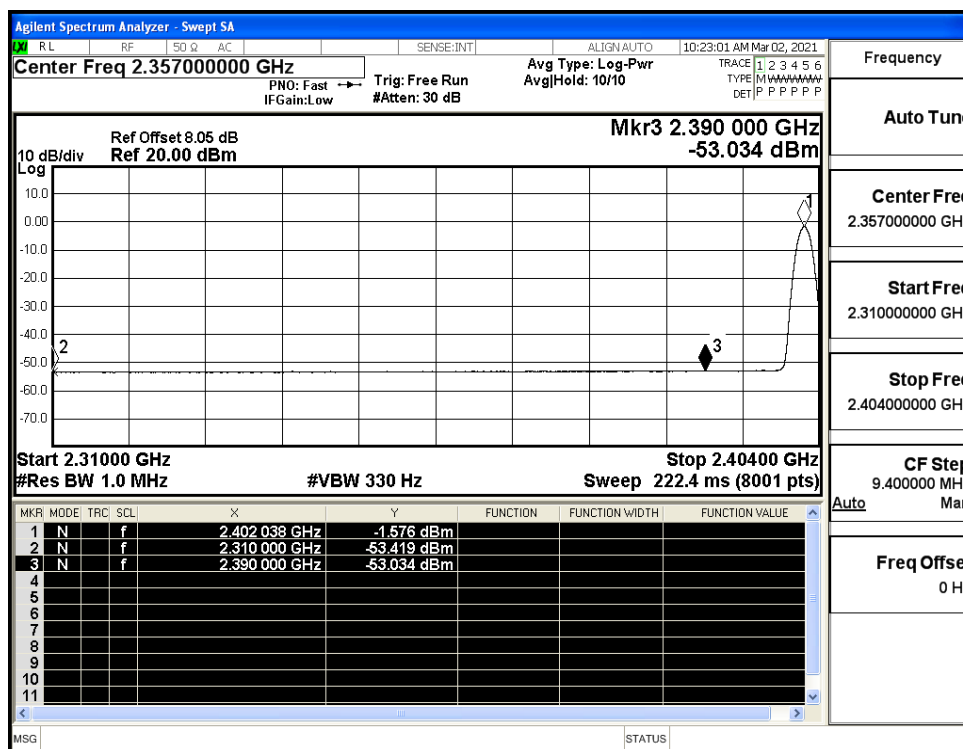
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



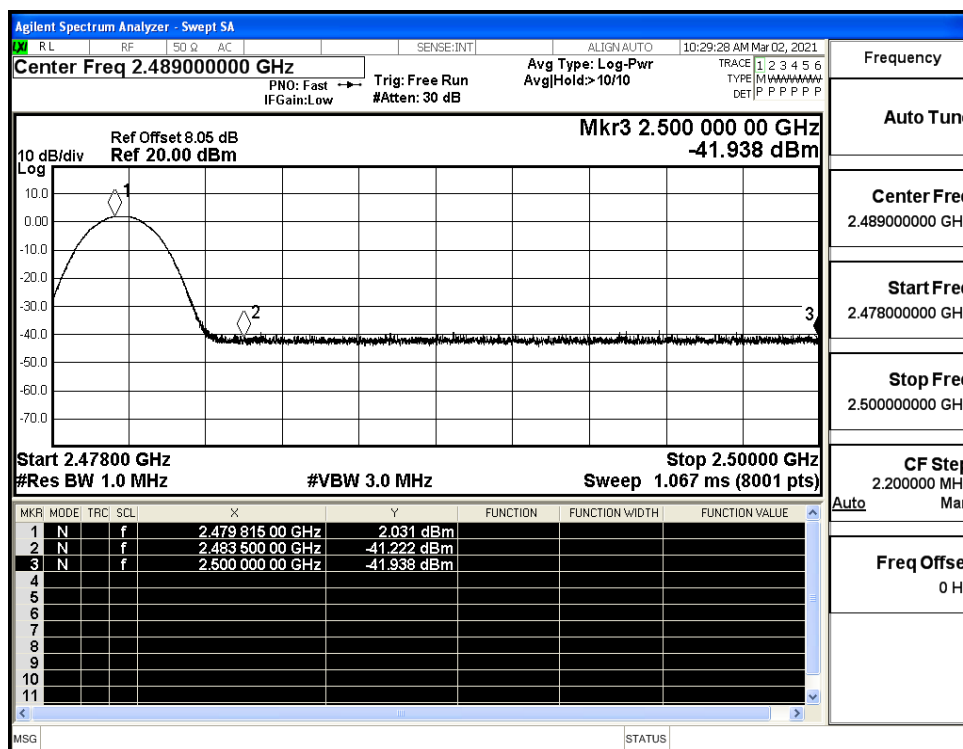
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



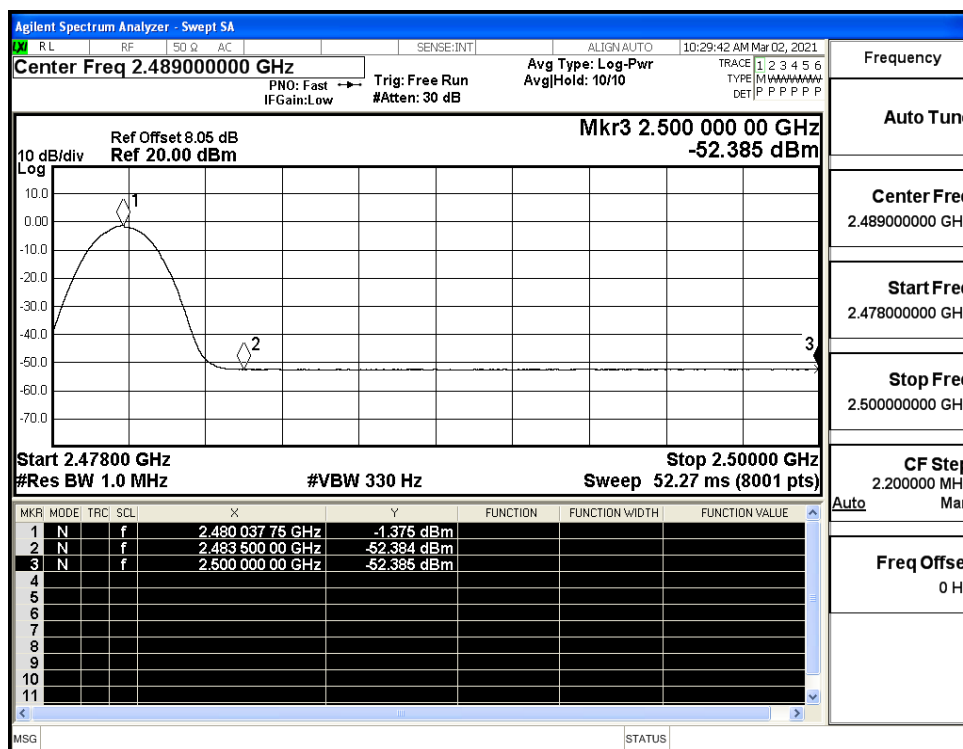
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



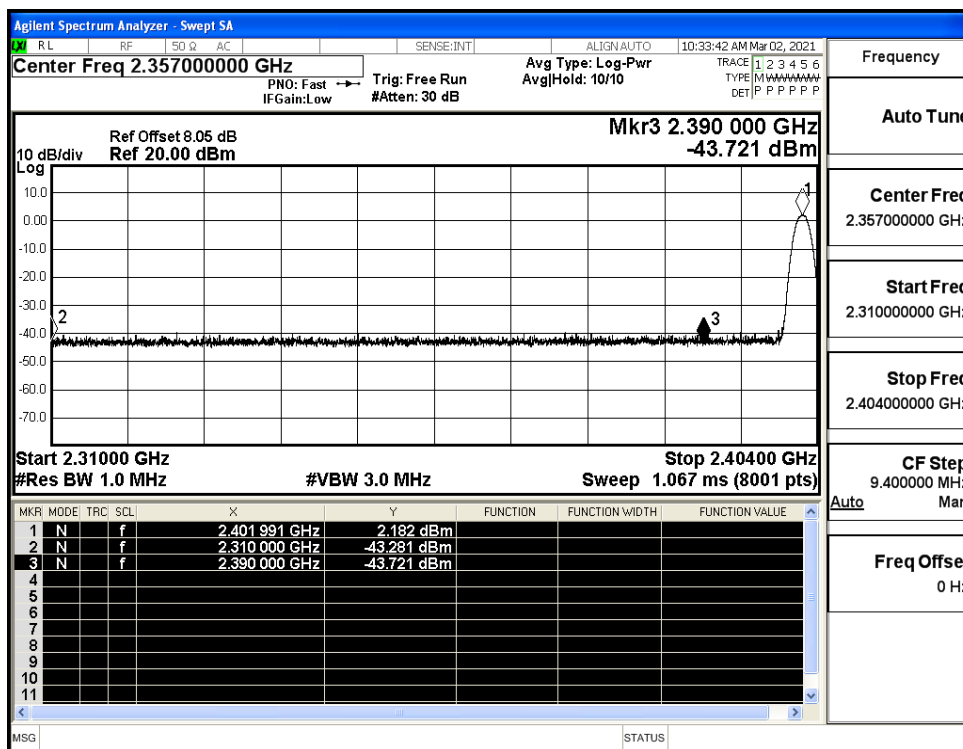
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



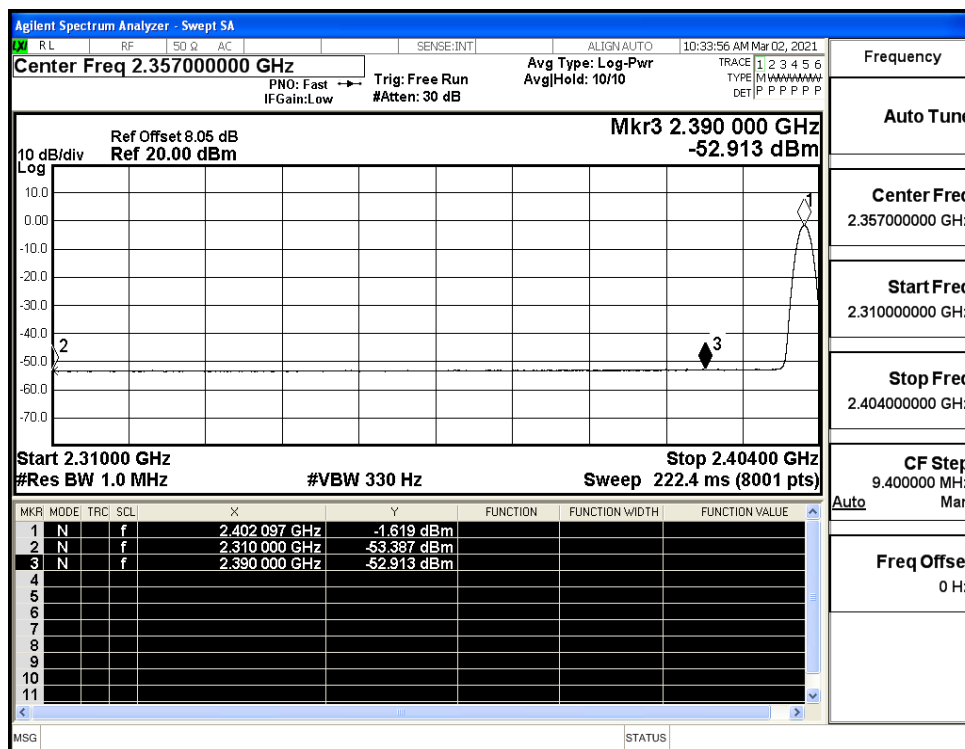
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



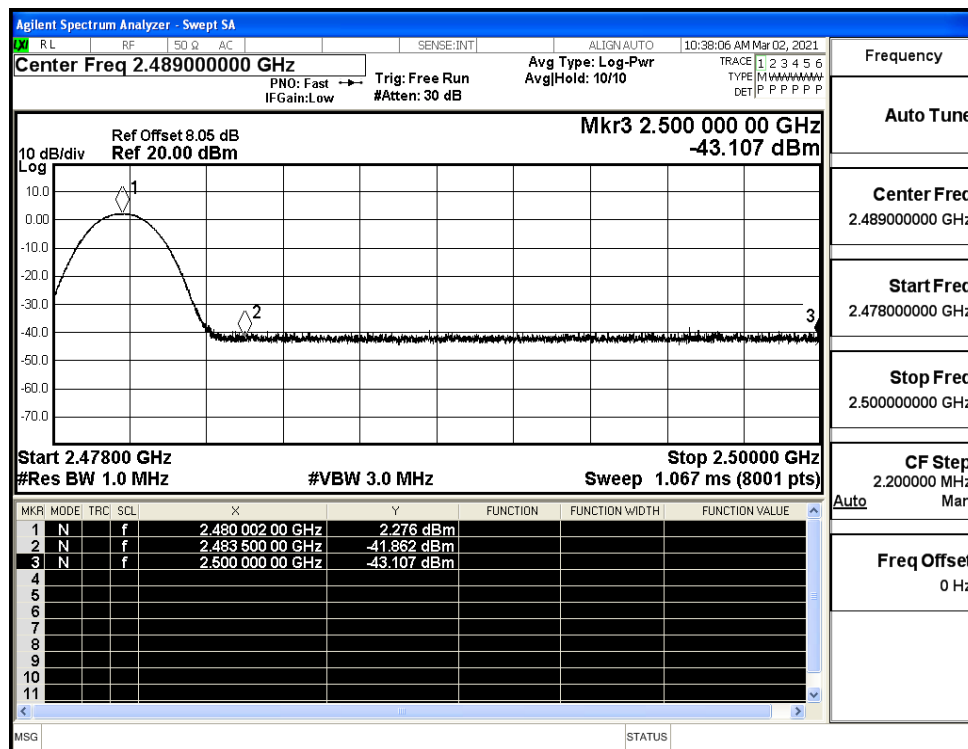
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

