

Appendix A

RF Test Data for BT V5.0(DSS) (Conducted Measurement)

Product Name: Bluetooth headset

Trade Mark: Ankbit

Test Model: E600Pro

Environmental Conditions

Temperature:	21.4°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan

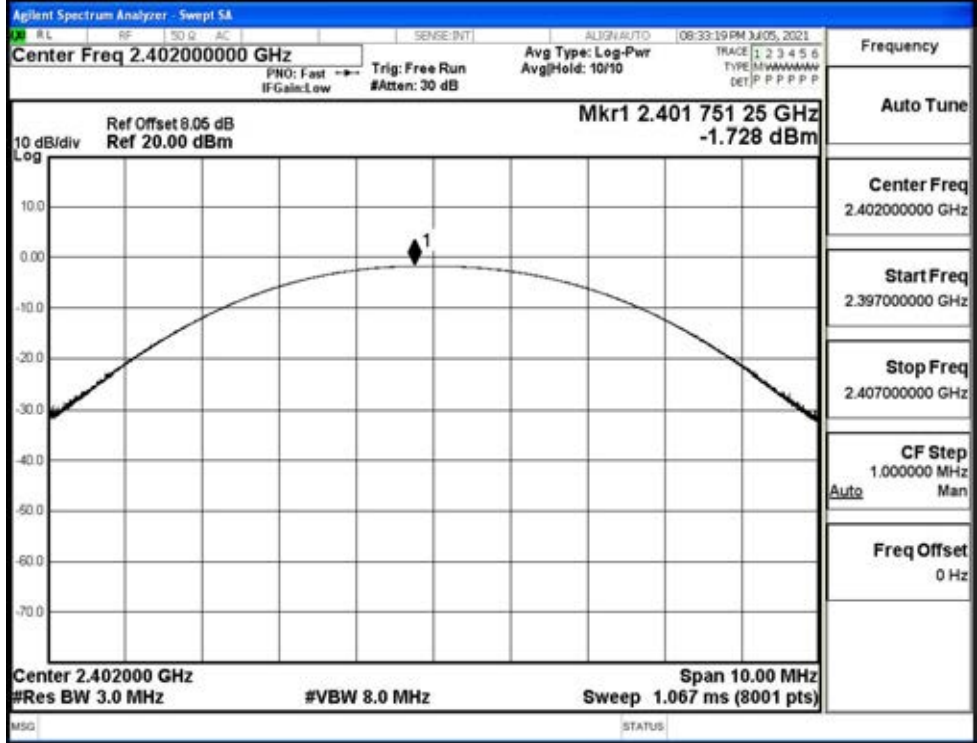
A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-1.728	21	PASS
	MCH	-1.485	21	PASS
	HCH	-1.288	21	PASS
$\pi/4$ DQPSK	LCH	0.067	21	PASS
	MCH	0.662	21	PASS
	HCH	1.209	21	PASS
8DPSK	LCH	0.626	21	PASS
	MCH	0.869	21	PASS
	HCH	1.171	21	PASS

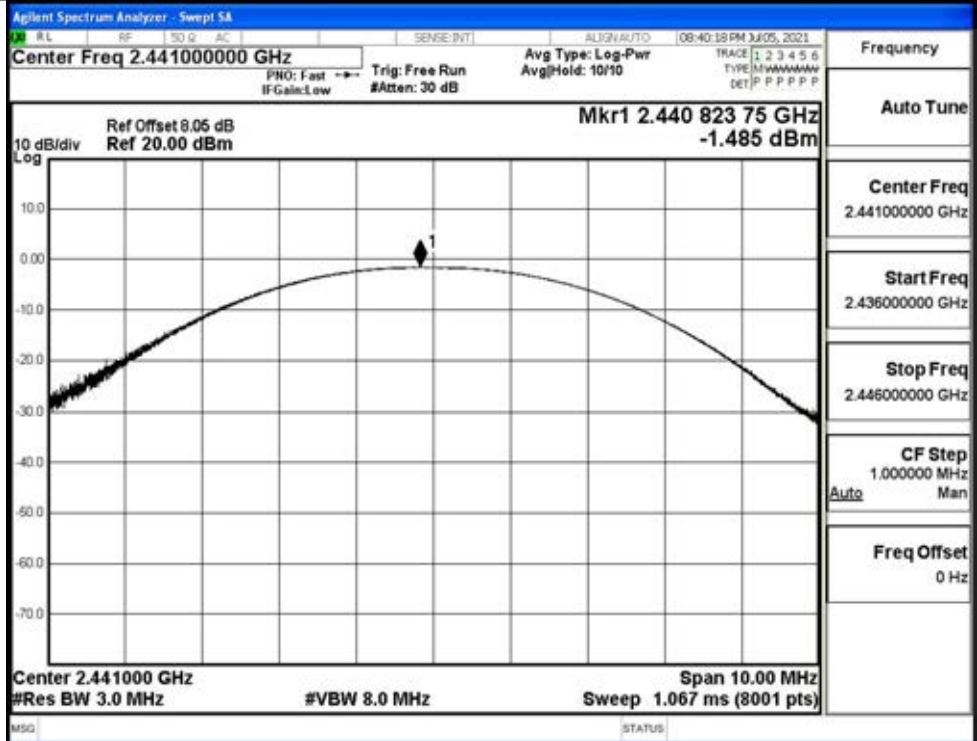


Test Graphs

GFSK/LCH

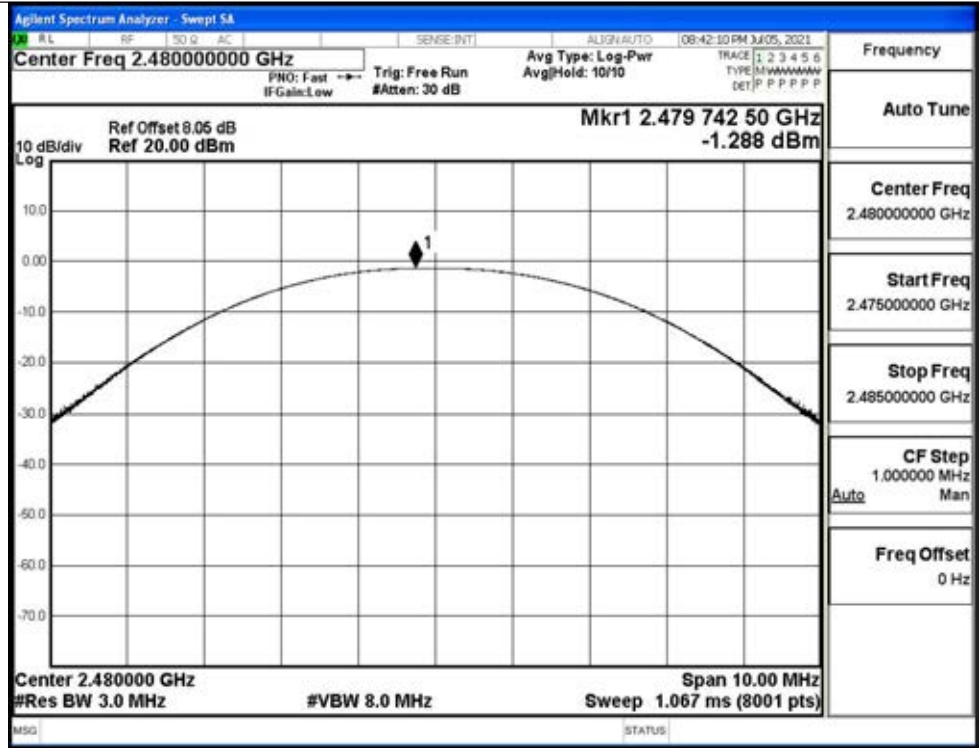


GFSK/MCH

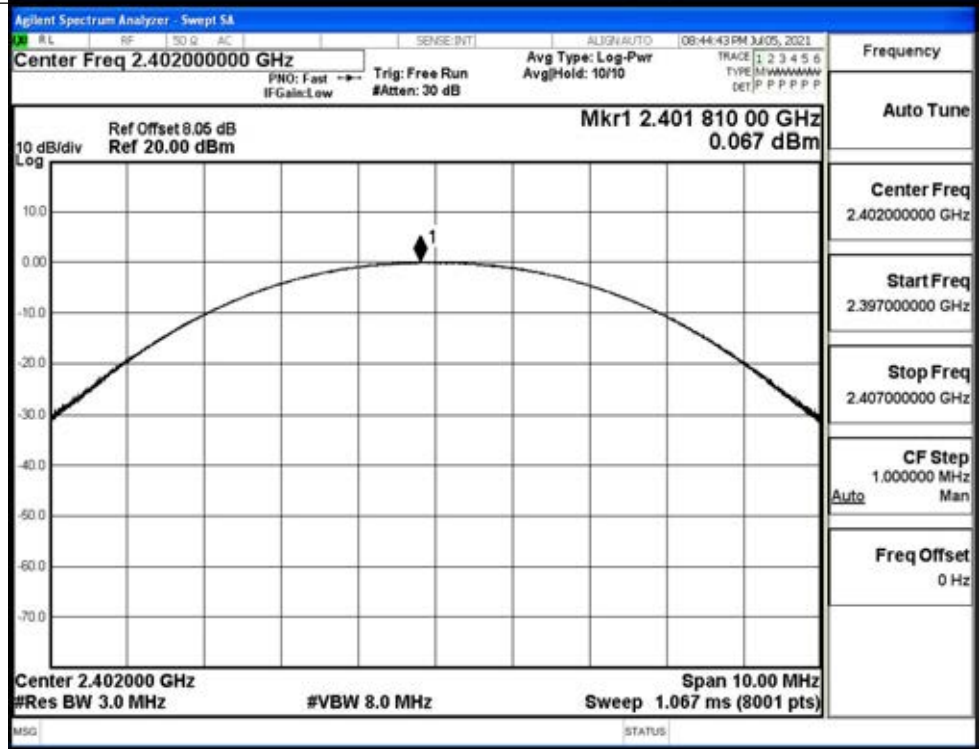




GFSK/HCH



$\pi/4$ DQPSK/LCH





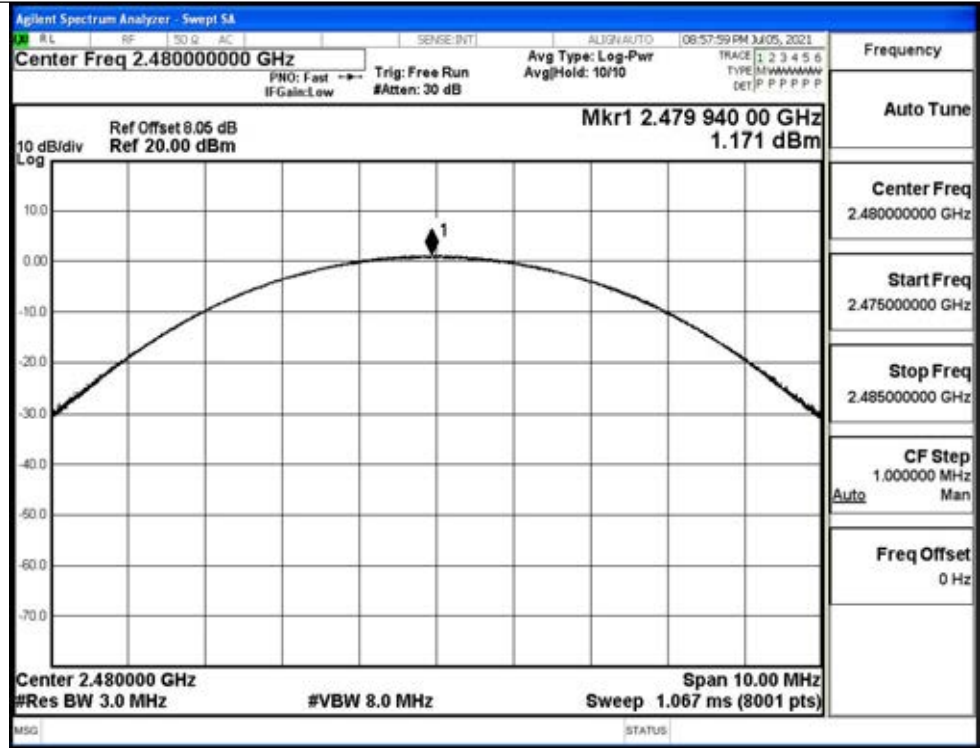
<p>$\pi/4$DQPSK/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.441000000 GHz Mkr1 2.441 125 00 GHz 0.662 dBm 10 dB/div Log Ref Offset 8.05 dB Ref 20.00 dBm Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p>
<p>$\pi/4$DQPSK/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.480000000 GHz Mkr1 2.480 080 00 GHz 1.209 dBm 10 dB/div Log Ref Offset 8.05 dB Ref 20.00 dBm Center 2.480000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p>

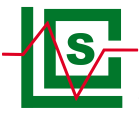


8DPSK/LCH	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.40200000 GHz Mkr1 2.40195625 GHz 0.626 dBm 10 dB/div Log Ref Offset 8.05 dB Ref 20.00 dBm Center 2.402000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p>
8DPSK/MCH	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.44100000 GHz Mkr1 2.44094750 GHz 0.869 dBm 10 dB/div Log Ref Offset 8.05 dB Ref 20.00 dBm Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 10.00 MHz Sweep 1.067 ms (8001 pts)</p>



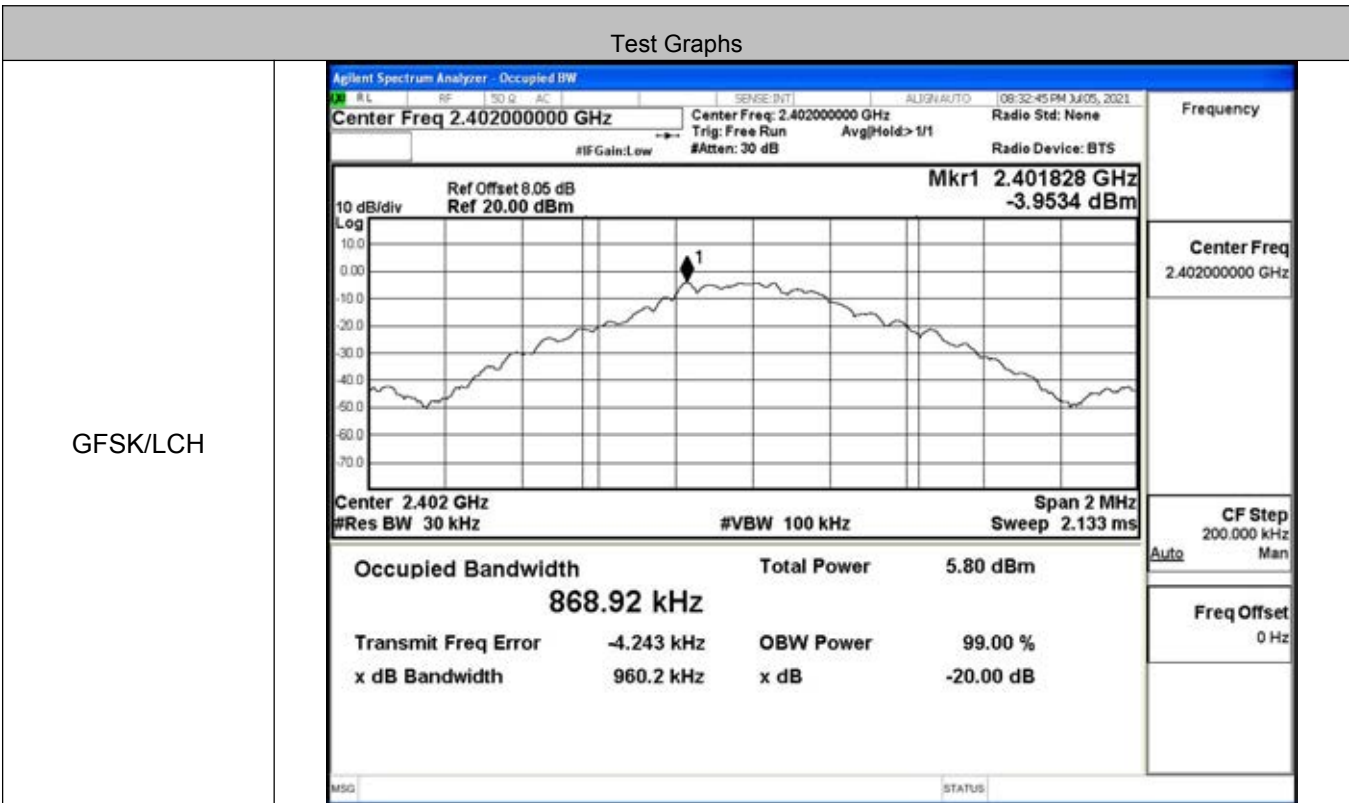
8DPSK/HCH





A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9602	Not Specified	PASS
	MCH	0.9611	Not Specified	PASS
	HCH	0.9611	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.282	Not Specified	PASS
	MCH	1.281	Not Specified	PASS
	HCH	1.281	Not Specified	PASS
8DPSK	LCH	1.300	Not Specified	PASS
	MCH	1.302	Not Specified	PASS
	HCH	1.299	Not Specified	PASS





<p>GFSK/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.441000000 GHz</p> <p>Center Freq: 2.441000000 GHz</p> <p>Mkr1 2.44083 GHz -3.9066 dBm</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.441 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 873.00 kHz Total Power 5.81 dBm</p> <p>Transmit Freq Error -4.147 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 961.1 kHz x dB -20.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.441000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>
<p>GFSK/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.480000000 GHz</p> <p>Center Freq: 2.480000000 GHz</p> <p>Mkr1 2.479826 GHz -3.7061 dBm</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 869.53 kHz Total Power 6.04 dBm</p> <p>Transmit Freq Error -7.008 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 961.1 kHz x dB -20.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.480000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>



<p>π/4DQPSK/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.40200000 GHz</p> <p>Mkr1 2.402158 GHz -3.3905 dBm</p> <p>Occupied Bandwidth 1.1607 MHz</p> <p>Total Power 6.13 dBm</p> <p>Transmit Freq Error -9.930 kHz</p> <p>x dB Bandwidth 1.282 MHz</p>	<p>Frequency</p> <p>Center Freq 2.40200000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>
<p>π/4DQPSK/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.44100000 GHz</p> <p>Mkr1 2.441158 GHz -2.7586 dBm</p> <p>Occupied Bandwidth 1.1600 MHz</p> <p>Total Power 6.76 dBm</p> <p>Transmit Freq Error -8.927 kHz</p> <p>x dB Bandwidth 1.281 MHz</p>	<p>Frequency</p> <p>Center Freq 2.44100000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>



<p>$\pi/4$DQPSK/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.48000000 GHz</p> <p>Mkr1 2.480158 GHz -2.2769 dBm</p> <p>Center 2.48 GHz</p> <p>Occupied Bandwidth 1.1607 MHz</p> <p>Total Power 7.25 dBm</p> <p>Transmit Freq Error -10.713 kHz</p> <p>x dB Bandwidth 1.281 MHz</p>	<p>Frequency</p> <p>Center Freq 2.48000000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>
<p>8DPSK/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.40200000 GHz</p> <p>Mkr1 2.401828 GHz -3.8077 dBm</p> <p>Center 2.402 GHz</p> <p>Occupied Bandwidth 1.1675 MHz</p> <p>Total Power 6.09 dBm</p> <p>Transmit Freq Error -5.188 kHz</p> <p>x dB Bandwidth 1.300 MHz</p>	<p>Frequency</p> <p>Center Freq 2.40200000 GHz</p> <p>CF Step 200.000 kHz</p> <p>Freq Offset 0 Hz</p>

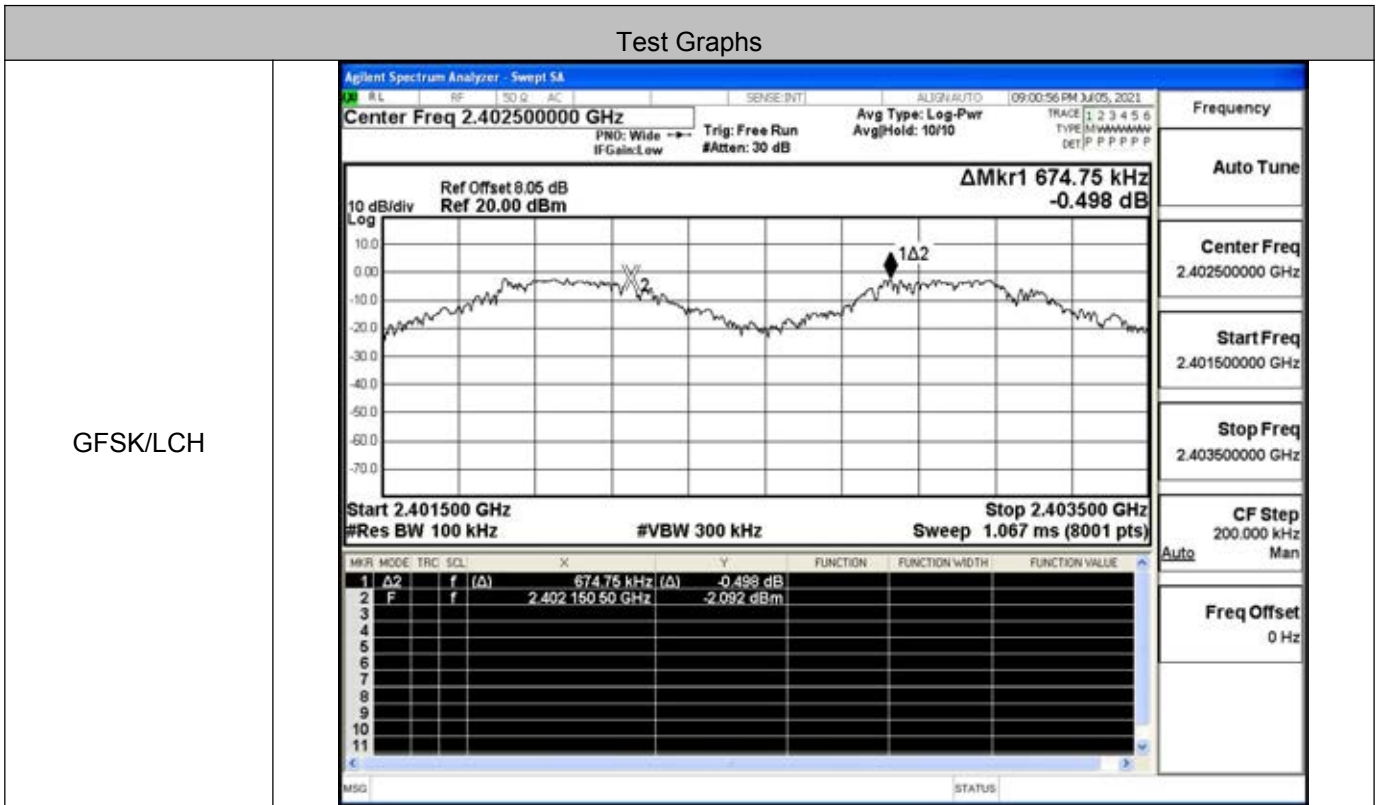


8DPSK/MCH	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.441000000 GHz</p> <p>Center Freq: 2.441000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB</p> <p>Radio Std: None Align: AUTO 09:53:57 PM JUN 05, 2021 Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.440826 GHz -3.5766 dBm</p> <p>Center 2.441 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1694 MHz Total Power 6.30 dBm</p> <p>Transmit Freq Error -5.274 kHz OBW Power 99.00 % x dB Bandwidth 1.302 MHz x dB -20.00 dB</p>	Frequency 2.441000000 GHz Center Freq 2.441000000 GHz CF Step 200.000 kHz Auto Man Freq Offset 0 Hz
8DPSK/HCH	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.480000000 GHz</p> <p>Center Freq: 2.480000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB</p> <p>Radio Std: None Align: AUTO 09:57:25 PM JUN 05, 2021 Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.479824 GHz -3.3376 dBm</p> <p>Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 2 MHz Sweep 2.133 ms</p> <p>Occupied Bandwidth 1.1671 MHz Total Power 6.56 dBm</p> <p>Transmit Freq Error -6.220 kHz OBW Power 99.00 % x dB Bandwidth 1.299 MHz x dB -20.00 dB</p>	Frequency 2.480000000 GHz Center Freq 2.480000000 GHz CF Step 200.000 kHz Auto Man Freq Offset 0 Hz



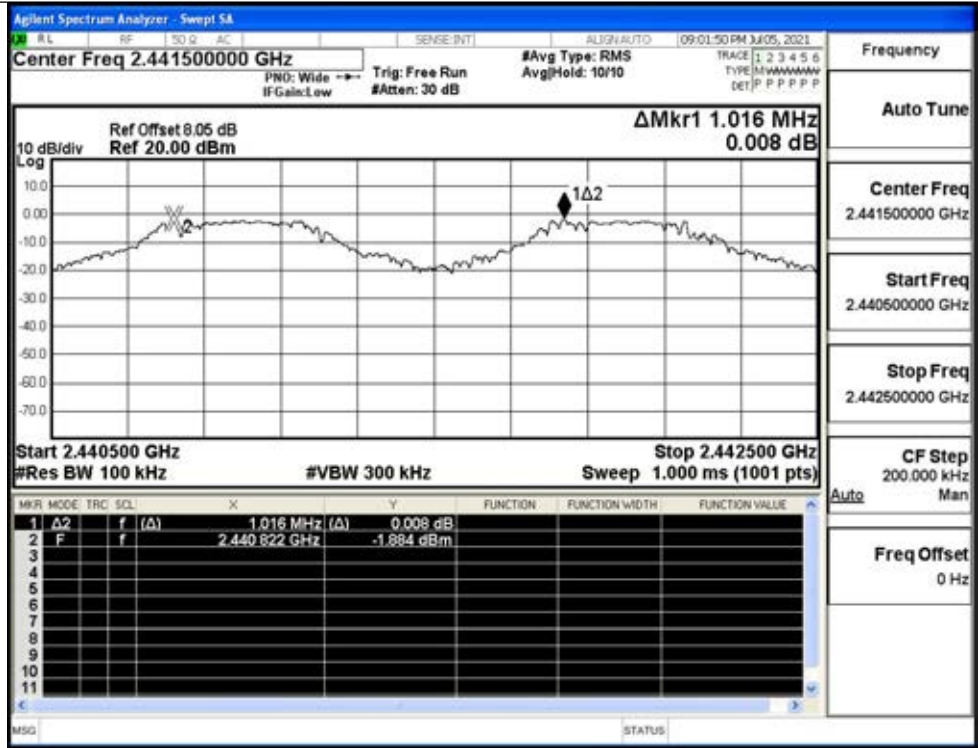
A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.675	0.641	PASS
	MCH	1.016	0.641	PASS
	HCH	1.260	0.641	PASS
π/4DQPSK	LCH	1.018	0.855	PASS
	MCH	1.012	0.855	PASS
	HCH	0.974	0.855	PASS
8DPSK	LCH	1.010	0.868	PASS
	MCH	0.868	0.868	PASS
	HCH	1.026	0.868	PASS



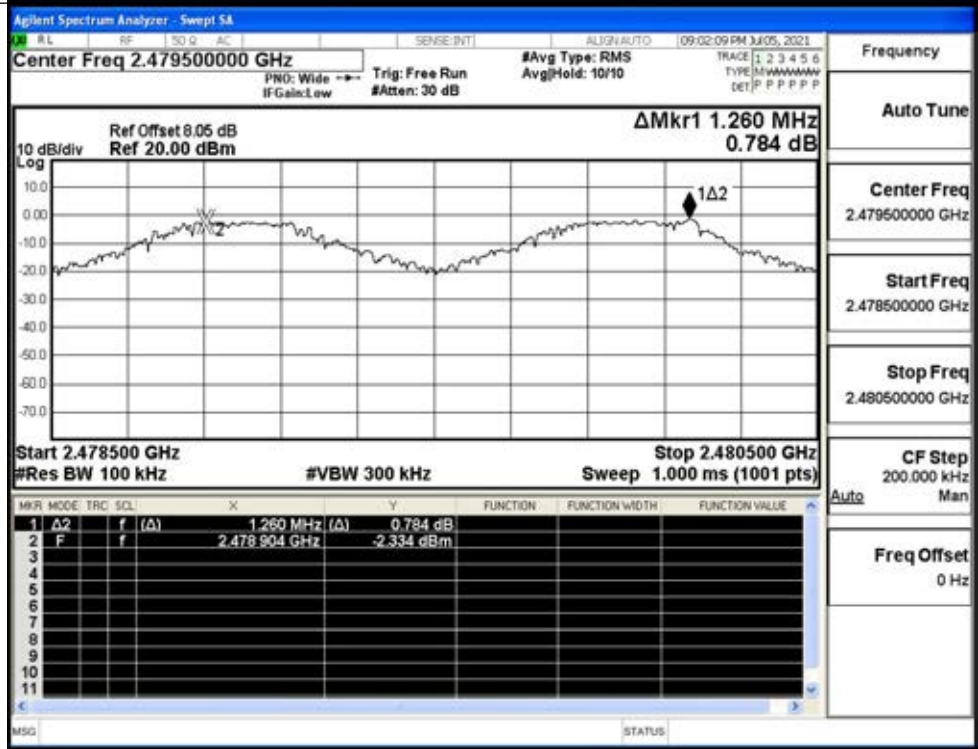


GFSK/MCH



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

GFSK/HCH



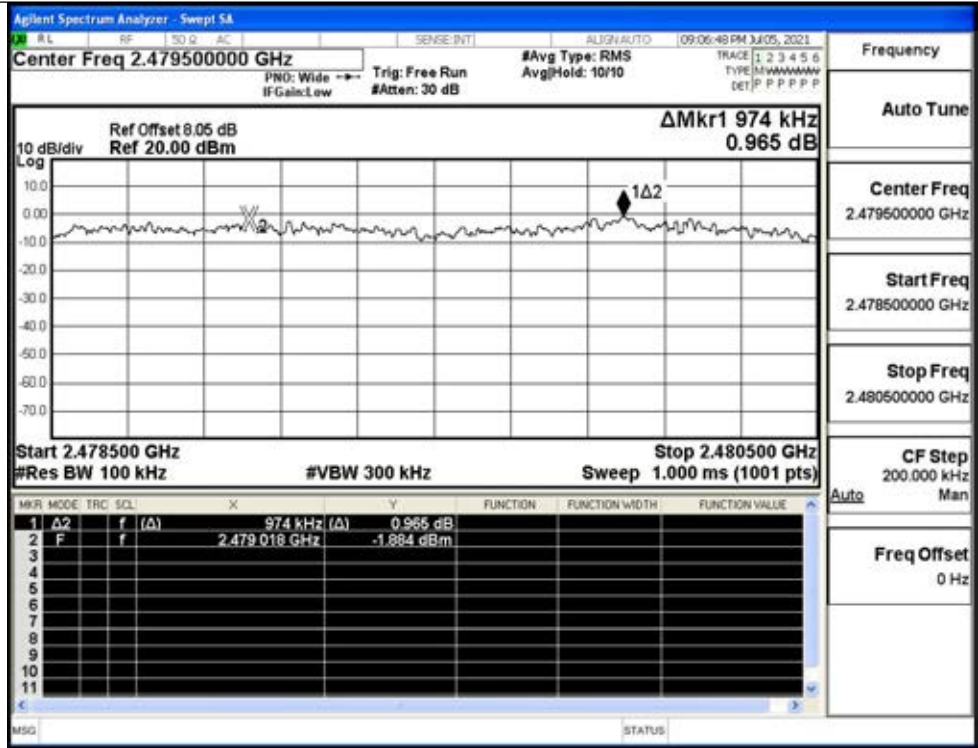
Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz



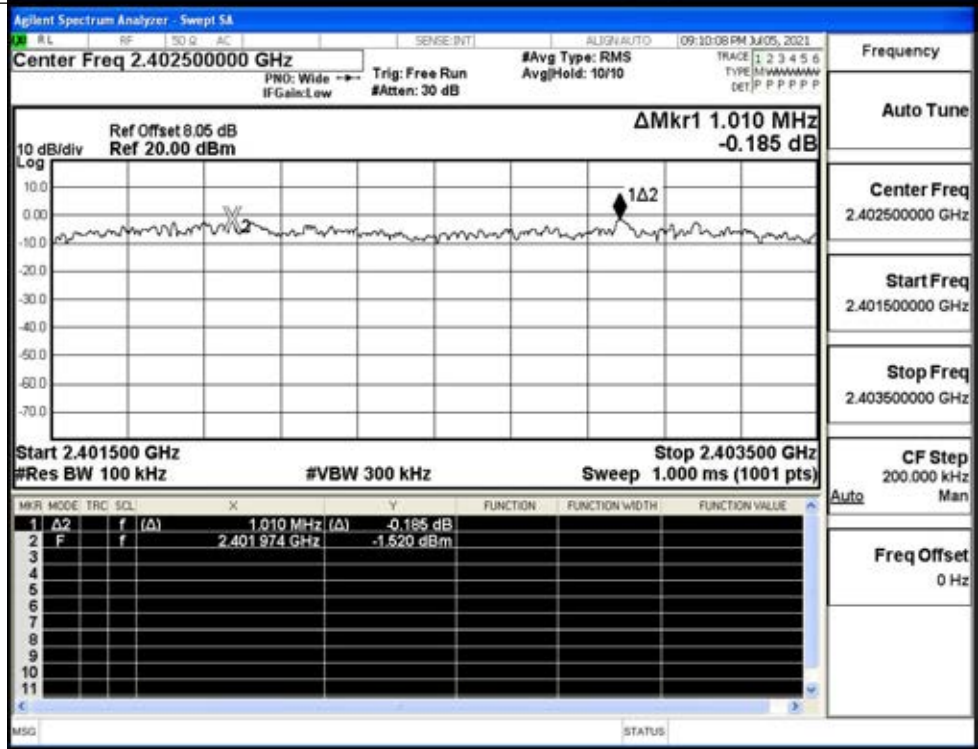
<p>π/4DQPSK/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.402500000 GHz</p> <p>Ref Offset 8.05 dB, Ref 20.00 dBm</p> <p>ΔMkr1 1.018 MHz, 2.569 dB</p> <p>Start 2.401500 GHz, Stop 2.403500 GHz</p> <table border="1"> <thead> <tr> <th>M/R</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <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>f</td> <td>(Δ)</td> <td>1.018 MHz (Δ)</td> <td>2.569 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.401568 GHz</td> <td>-4.257 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	M/R	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	f	(Δ)	1.018 MHz (Δ)	2.569 dB				2	F	f		2.401568 GHz	-4.257 dBm			
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π/4DQPSK/HCH



8DPSK/LCH





<p>8DPSK/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.441500000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>ΔMkr1 868 kHz 2.164 dB</p> <p>Start 2.440500 GHz #Res BW 100 kHz</p> <p>Stop 2.442500 GHz #VBW 300 kHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>M/R</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>f</td> <td>(Δ)</td> <td>868 kHz (Δ)</td> <td>2.164 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.440962 GHz</td> <td>-3.526 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	M/R	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	f	(Δ)	868 kHz (Δ)	2.164 dB				2	F	f		2.440962 GHz	-3.526 dBm			
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<p>8DPSK/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.479500000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>ΔMkr1 1.026 MHz -3.336 dB</p> <p>Start 2.478500 GHz #Res BW 100 kHz</p> <p>Stop 2.480500 GHz #VBW 300 kHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>M/R</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>f</td> <td>(Δ)</td> <td>1.026 MHz (Δ)</td> <td>-3.336 dB</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.478812 GHz</td> <td>-0.274 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	M/R	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	f	(Δ)	1.026 MHz (Δ)	-3.336 dB				2	F	f		2.478812 GHz	-0.274 dBm			
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1	Δ2	f	(Δ)	1.026 MHz (Δ)	-3.336 dB																							
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A.4 Hopping Channel Number

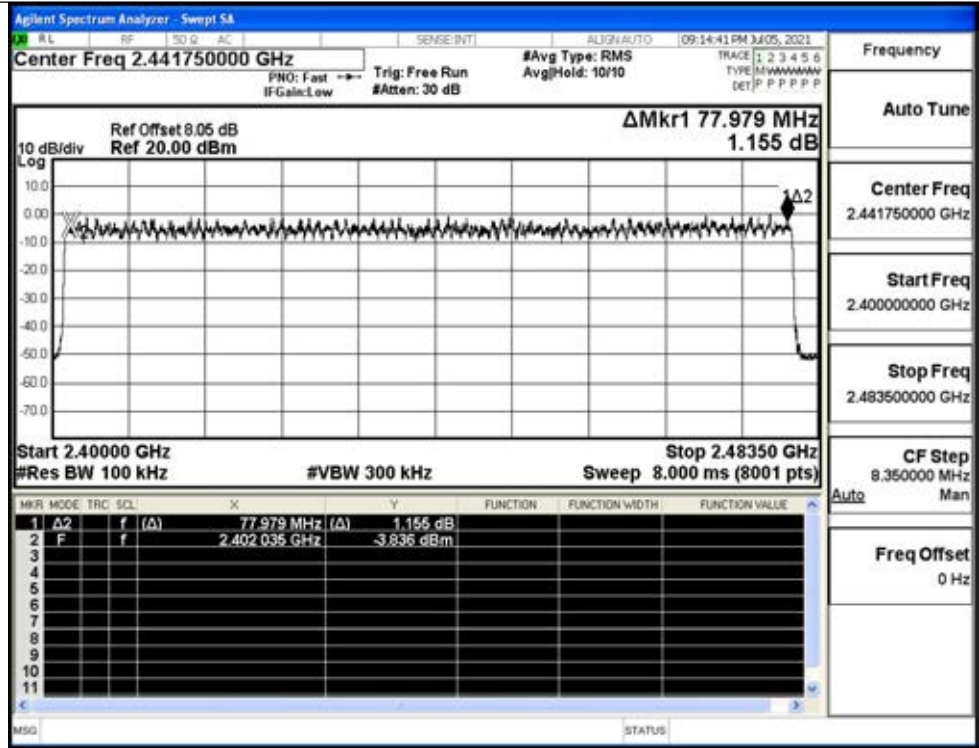
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Hop	79	>=15	PASS
$\pi/4$ DQPSK	Hop	79	>=15	PASS
8DPSK	Hop	79	>=15	PASS

Test Graphs

GFSK/Hop	<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>f</td> <td>(Δ)</td> <td>77.926 MHz</td> <td>(Δ)</td> <td></td> <td></td> <td>0.719 dB</td> </tr> <tr> <td>2</td> <td>F</td> <td>f</td> <td></td> <td>2.401921 GHz</td> <td></td> <td></td> <td></td> <td>-2.502 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	Δ 2	f	(Δ)	77.926 MHz	(Δ)			0.719 dB	2	F	f		2.401921 GHz				-2.502 dBm	3									4									5									6									7									8									9									10									11								
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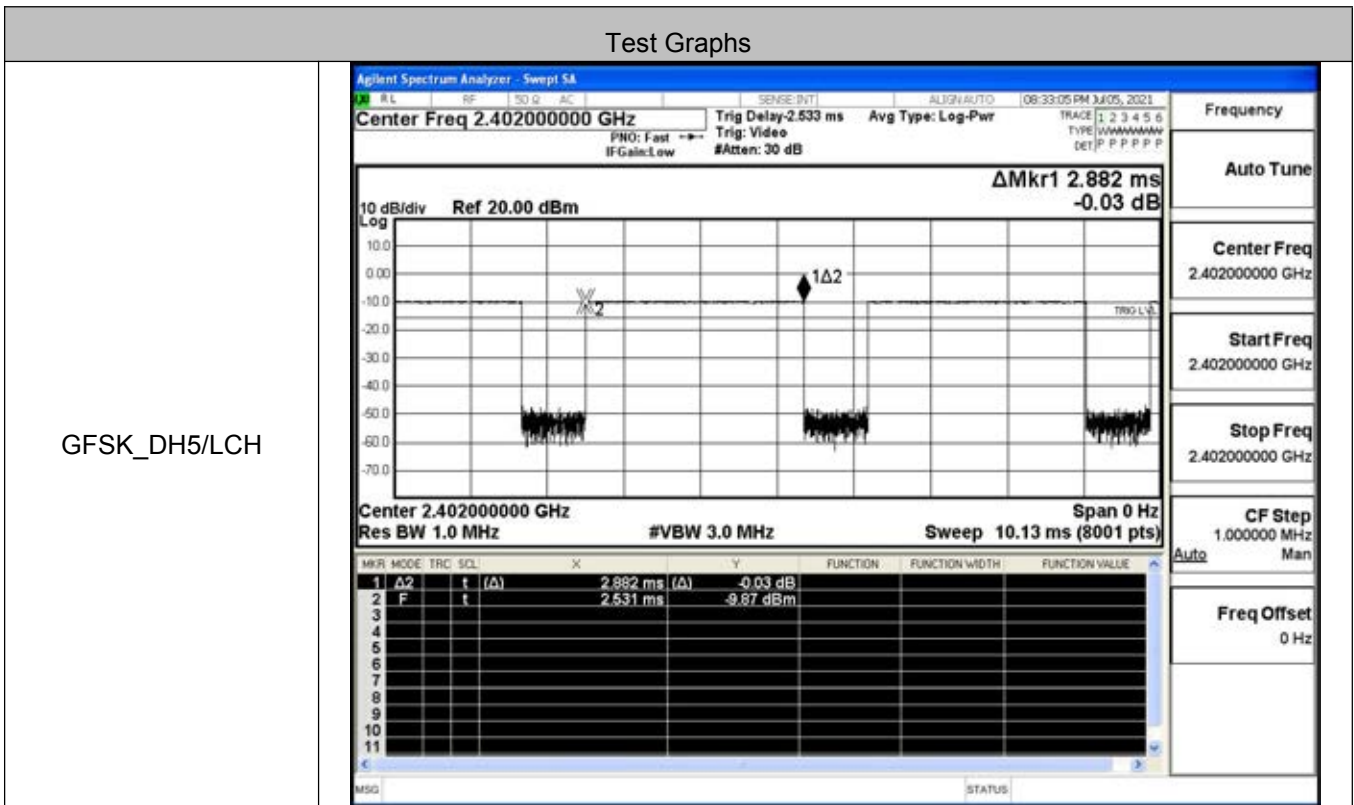
8DPSK/Hop





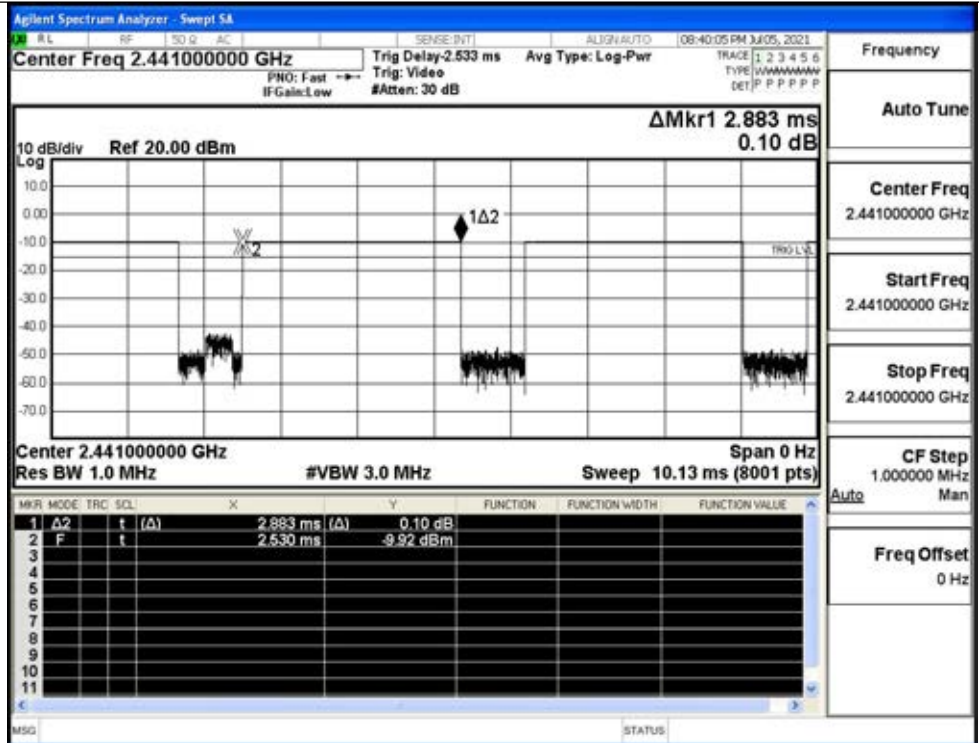
A.5 Dwell Time

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	0.015	0.4	PASS
	2DH5	MCH	2.88	106.7	0.015	0.4	PASS
	2DH5	HCH	2.88	106.7	0.308	0.4	PASS
8DPSK	3DH5	LCH	2.88	106.7	0.308	0.4	PASS
	3DH5	MCH	2.88	106.7	0.015	0.4	PASS
	3DH5	HCH	2.88	106.7	0.015	0.4	PASS

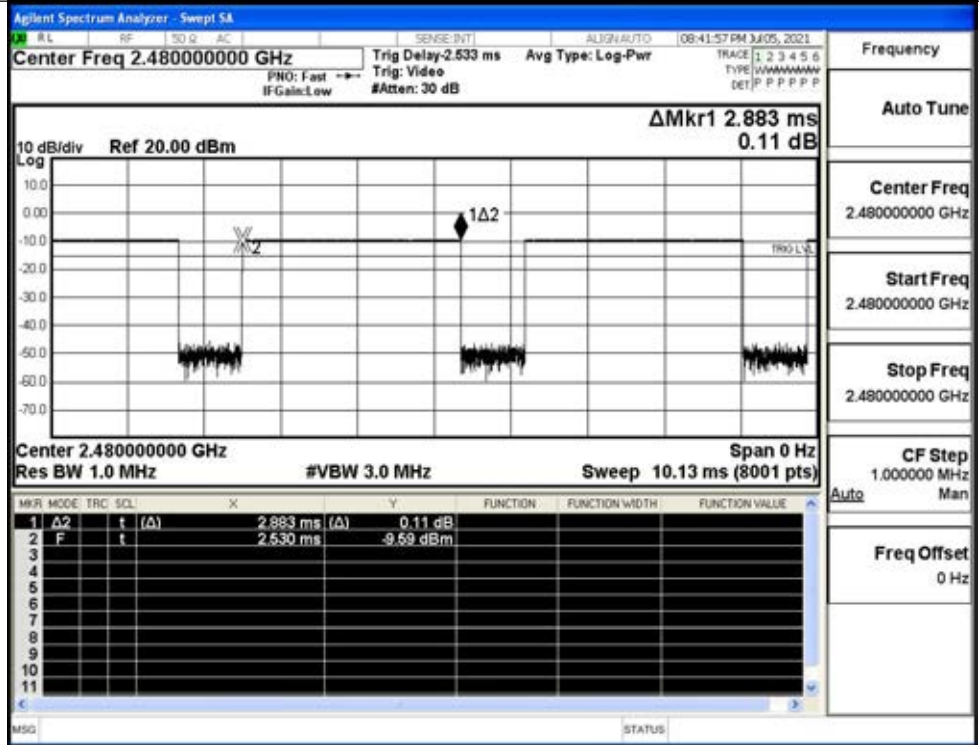




GFSK_DH5/MCH

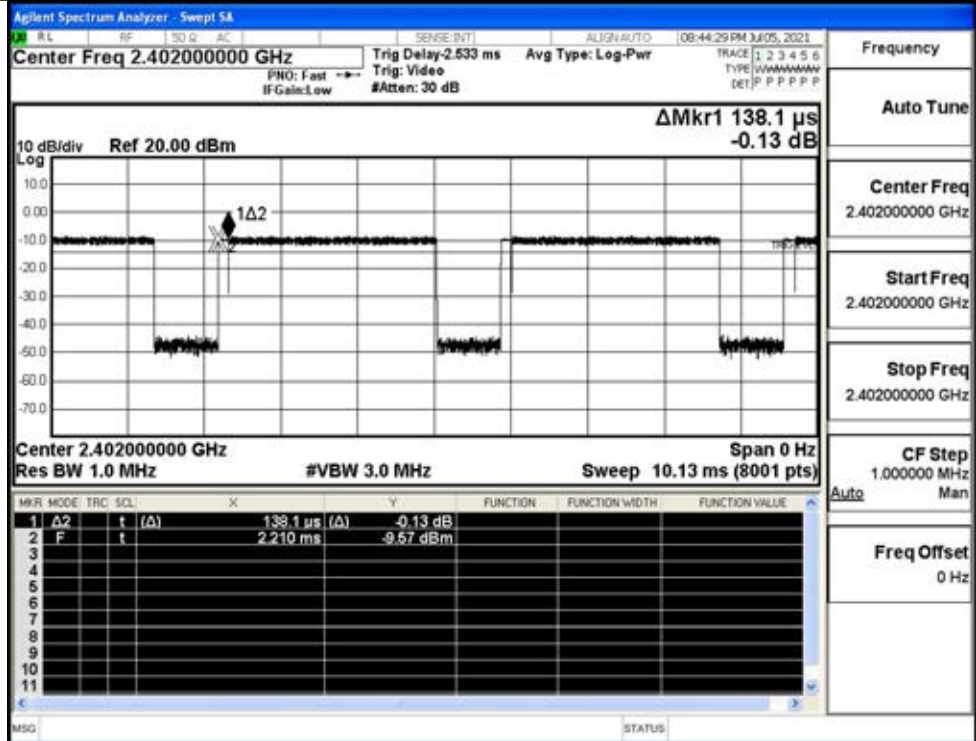


GFSK_DH5/HCH

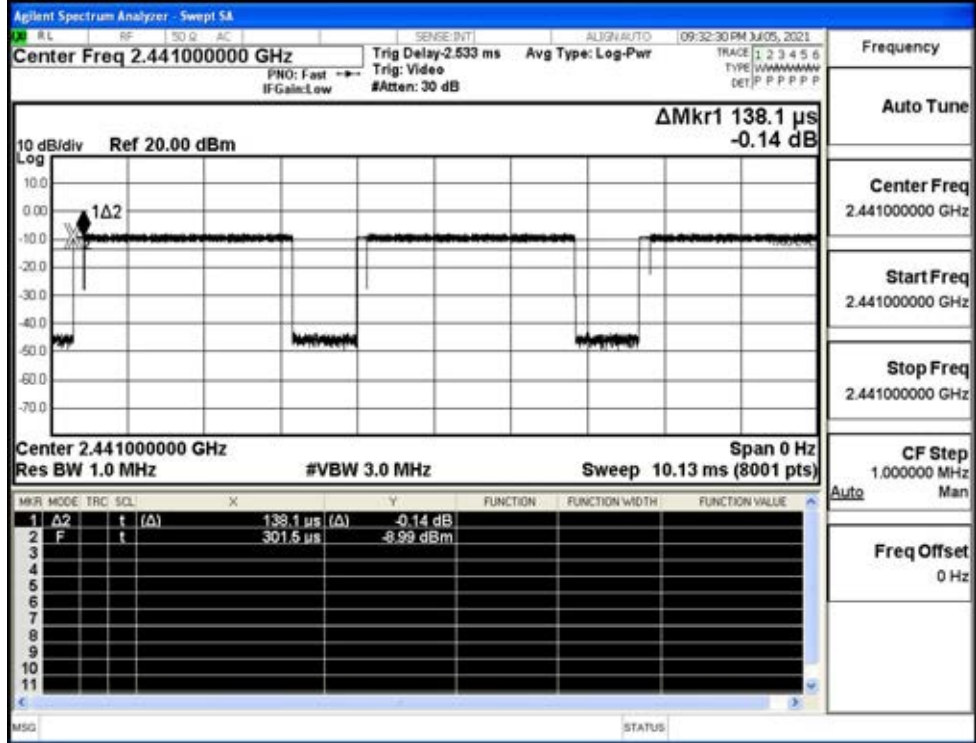




$\pi/4$ DQPSK
_2DH5/LCH

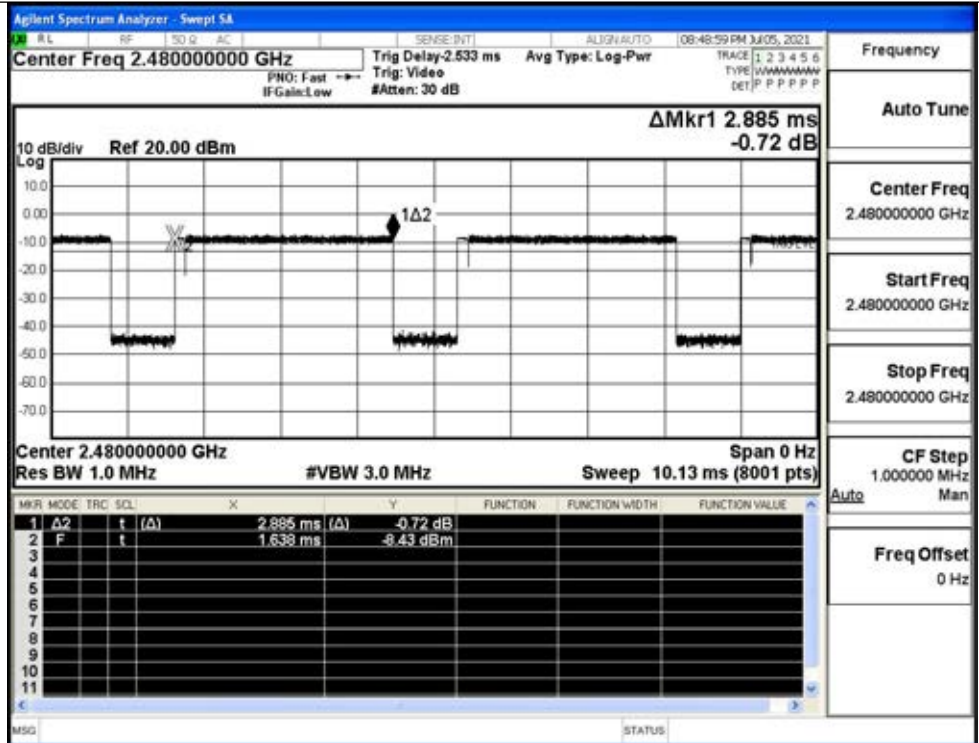


$\pi/4$ DQPSK
_2DH5/MCH

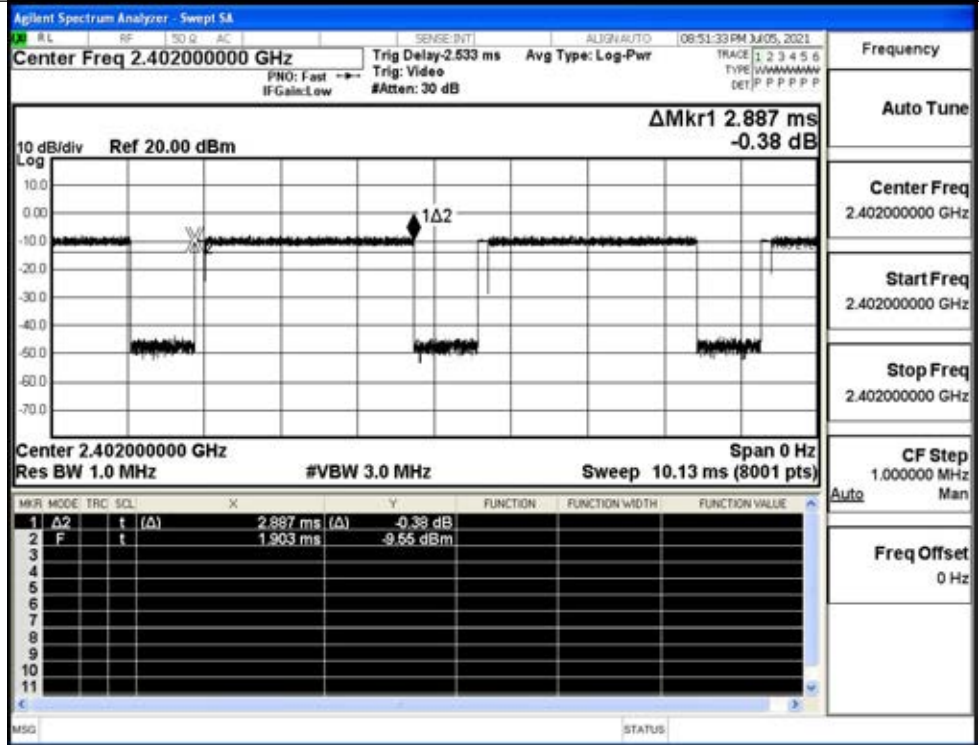




$\pi/4$ DQPSK
_2DH5/HCH

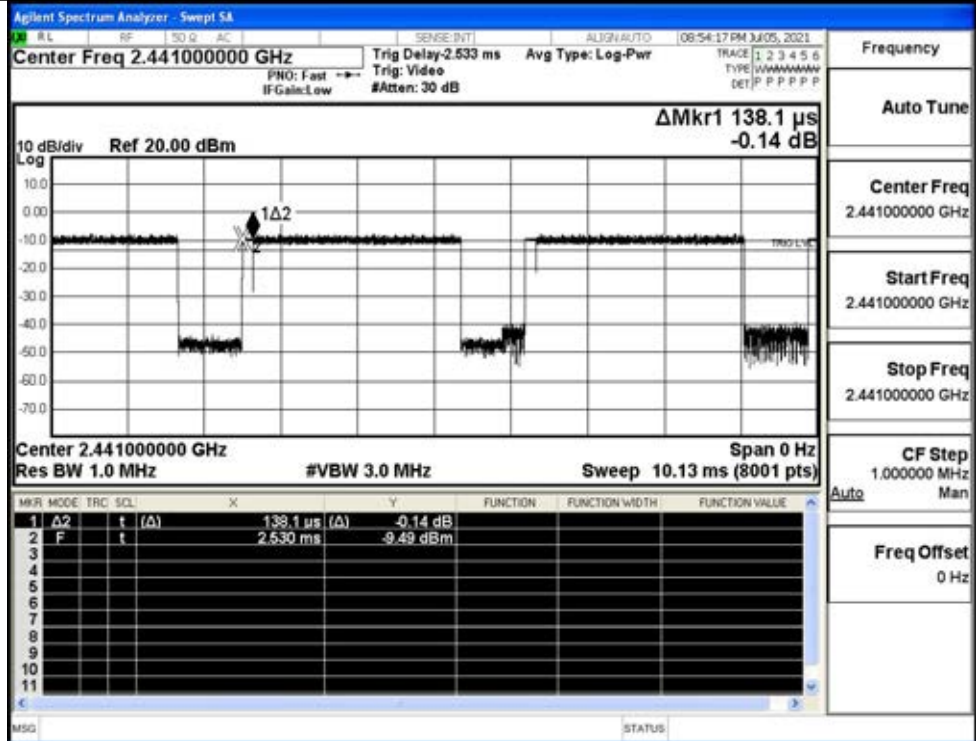


8DPSK_3DH5/LCH

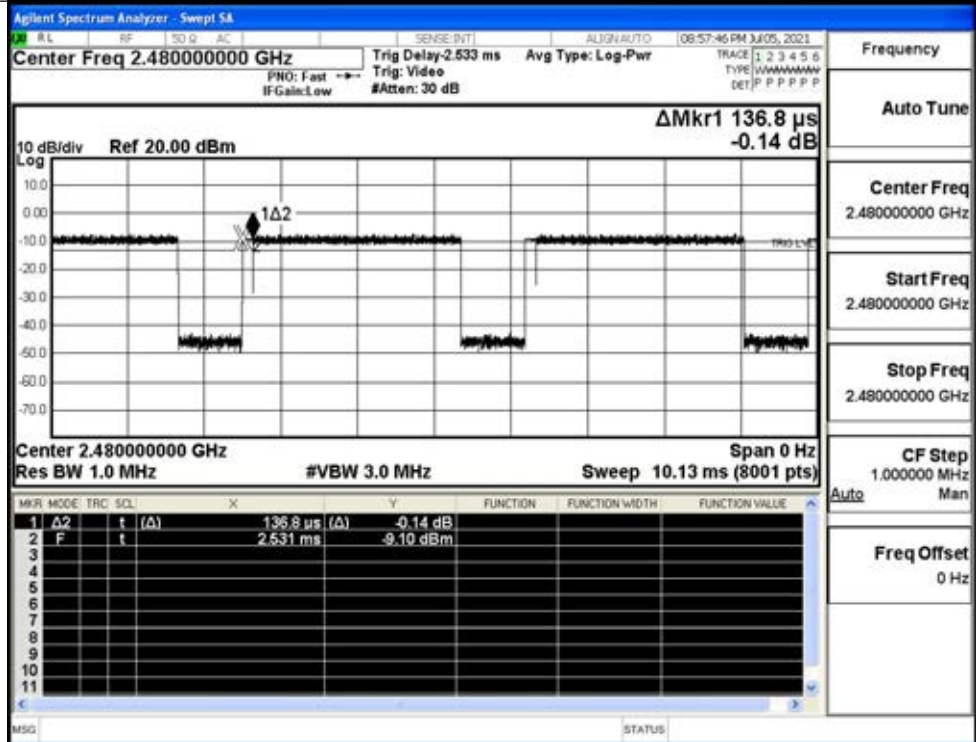




8DPSK_3DH5/MCH



8DPSK_3DH5/HCH

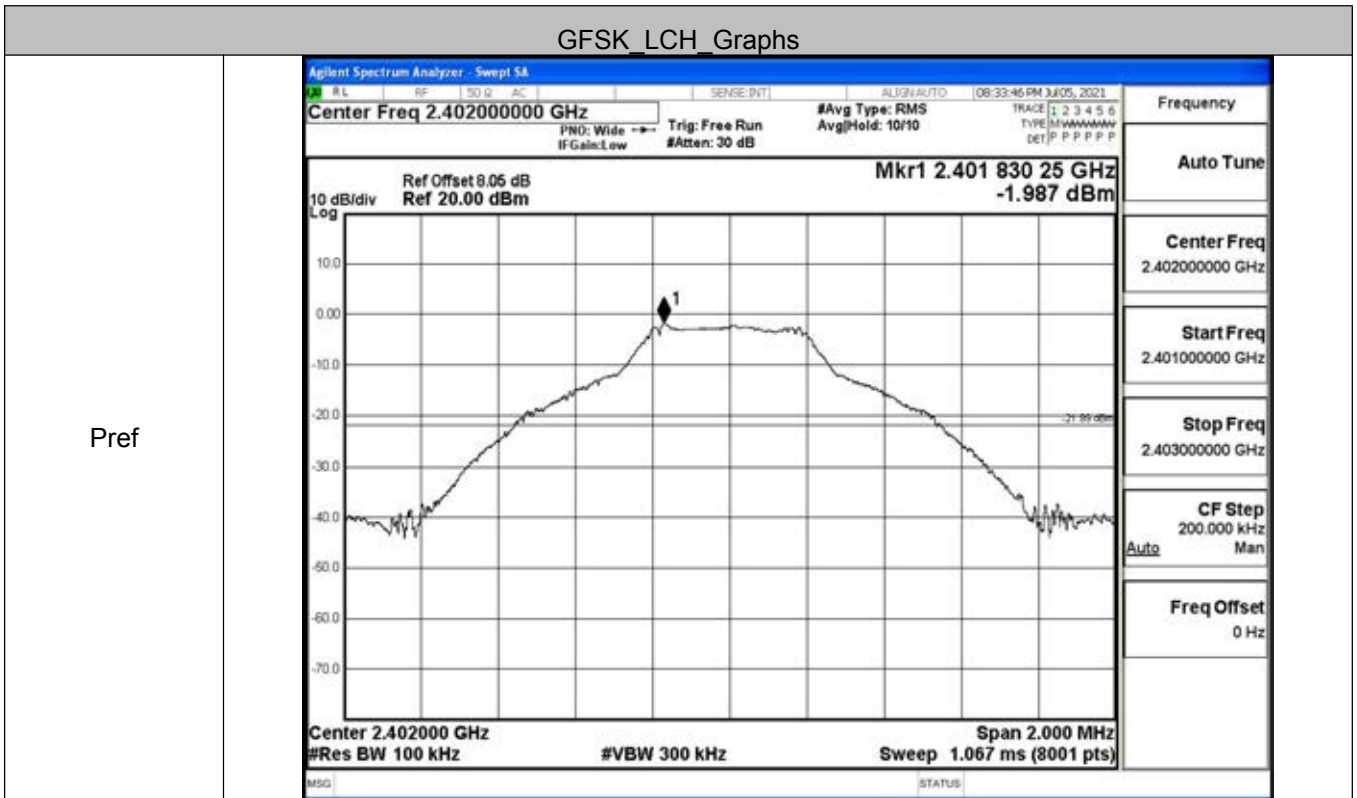




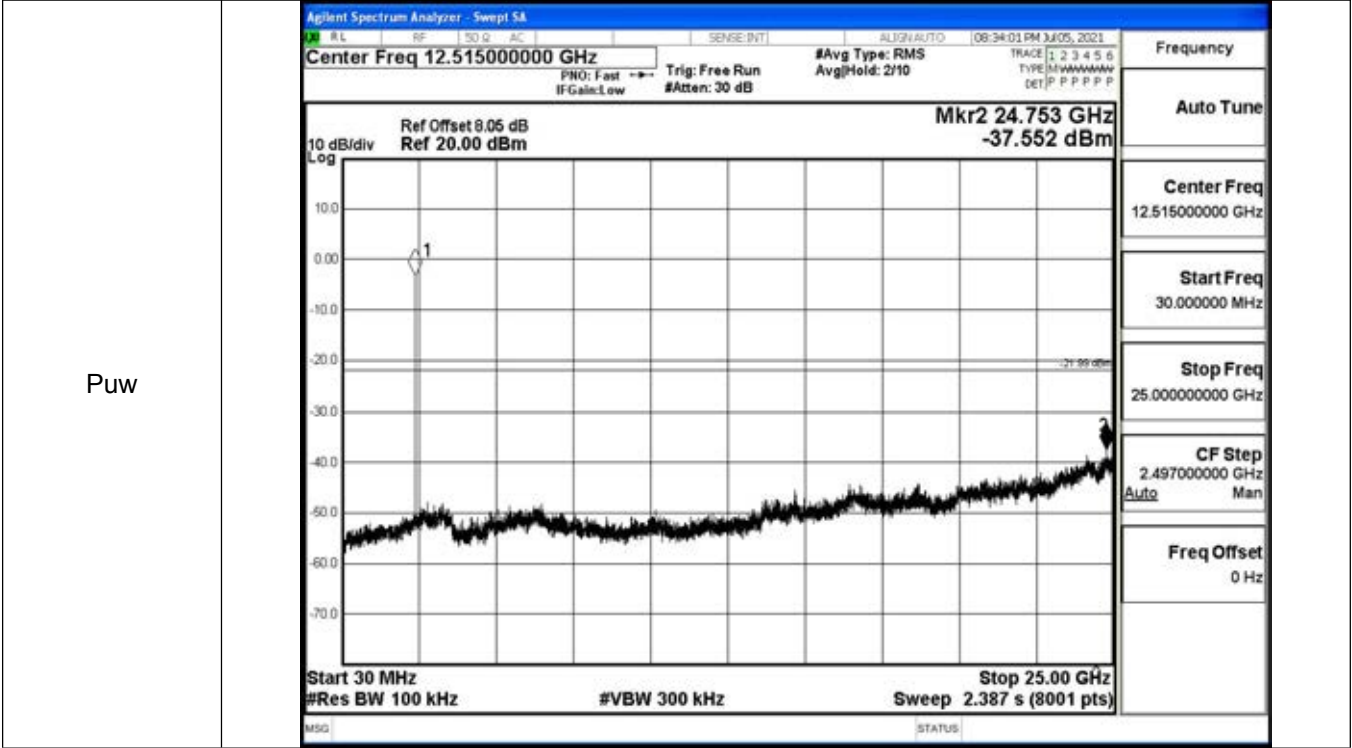
A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-1.987	-37.552	-21.987	PASS
	MCH	-1.926	-37.850	-21.926	PASS
	HCH	-1.571	-37.935	-21.571	PASS
π/4DQPSK	LCH	-1.671	-37.717	-21.671	PASS
	MCH	-1.049	-38.255	-21.049	PASS
	HCH	-0.521	-37.686	-20.521	PASS
8DPSK	LCH	-1.656	-37.944	-21.656	PASS
	MCH	-1.527	-37.717	-21.527	PASS
	HCH	-1.129	-37.737	-21.129	PASS

GFSK LCH Graphs

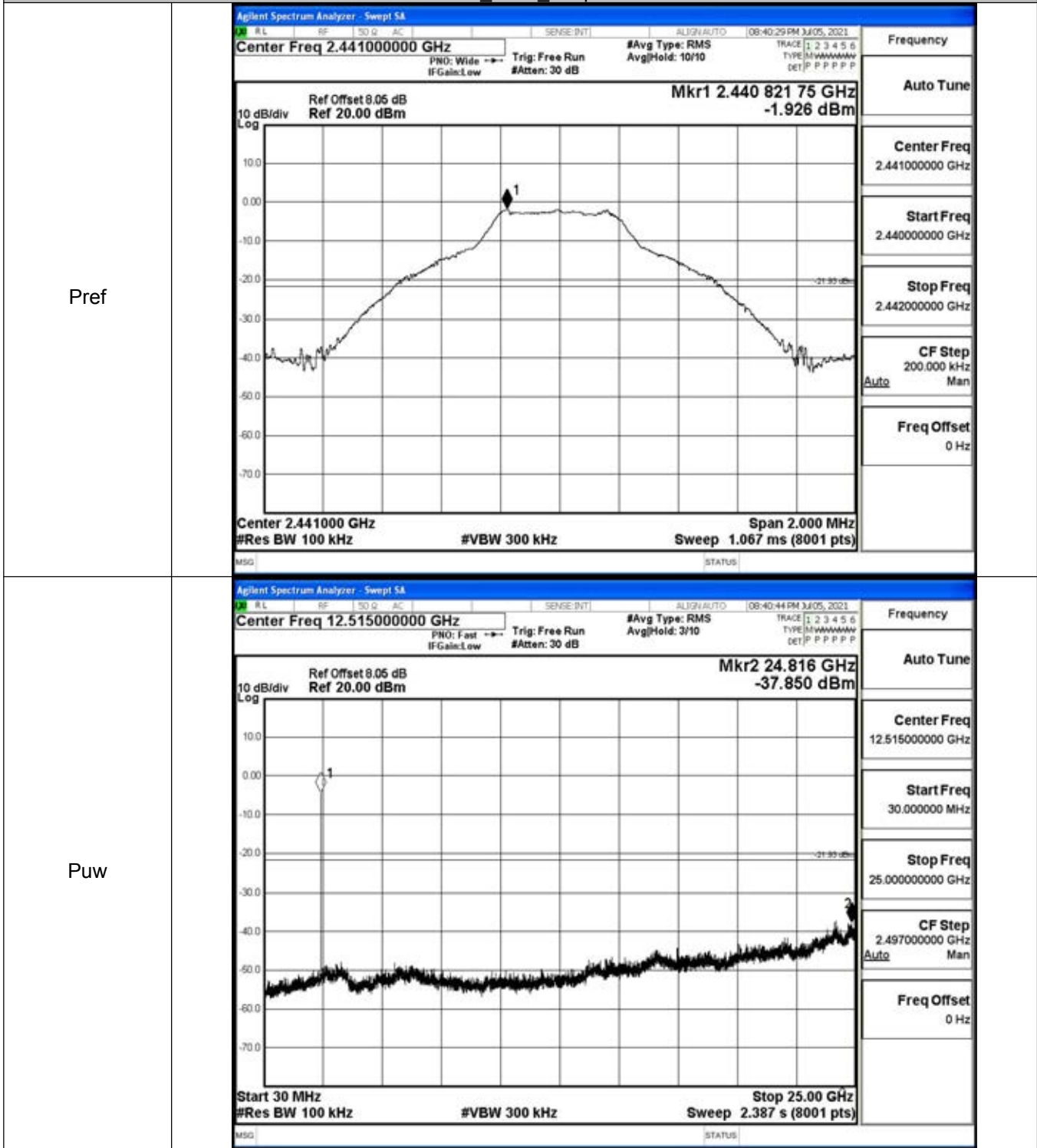


Pref





GFSK_MCH_Graphs



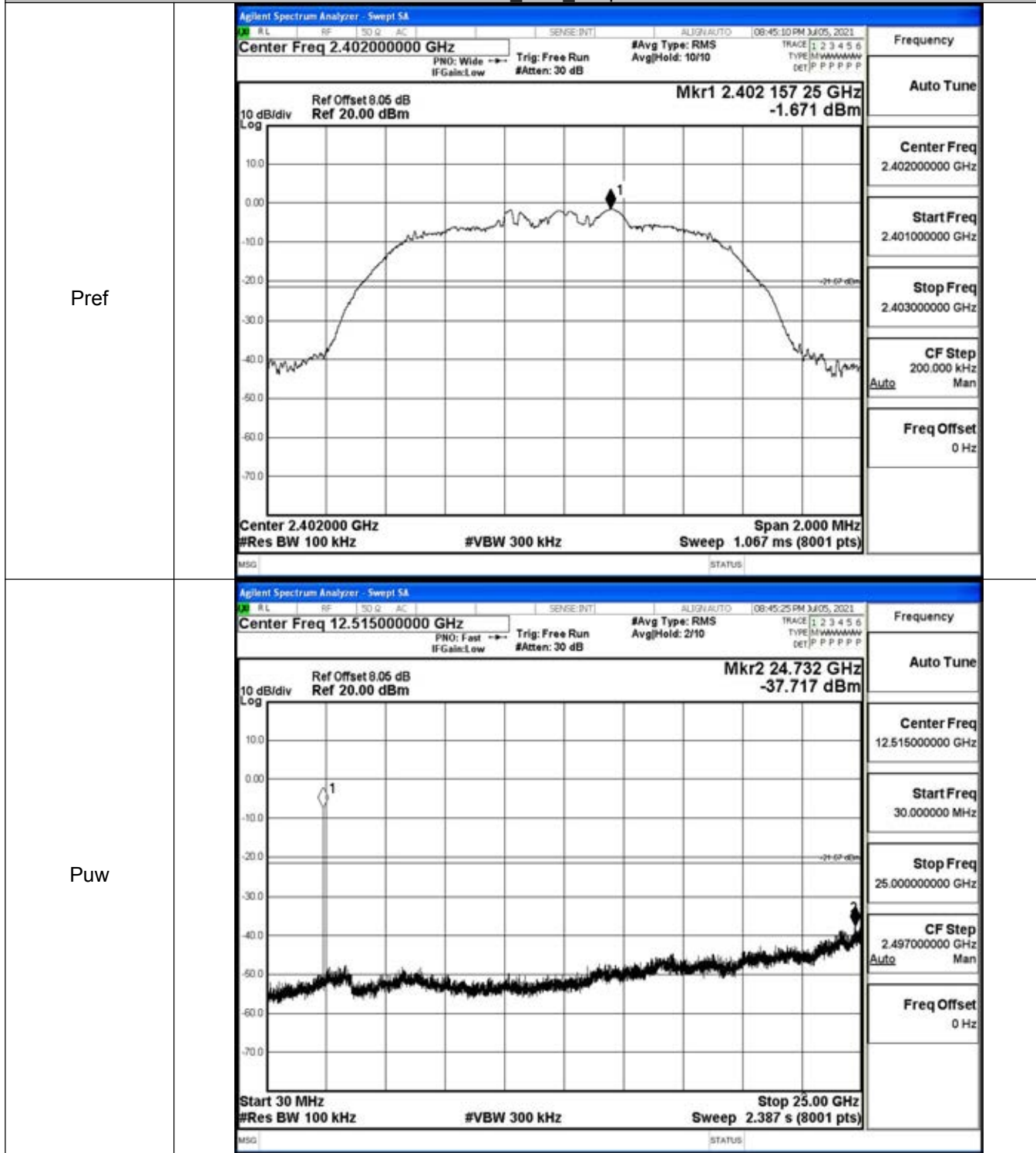


GFSK_HCH_Graphs

<p>Pref</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.48000000 GHz</p> <p>Mkr1 2.479 827 25 GHz -1.571 dBm</p> <p>Center 2.480000 GHz #Res BW 100 kHz #VBW 300 kHz Span 2.000 MHz Sweep 1.067 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.480000000 GHz</p> <p>Start Freq 2.479000000 GHz</p> <p>Stop Freq 2.481000000 GHz</p> <p>CF Step 200.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>Puw</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 12.515000000 GHz</p> <p>Mkr2 24.782 GHz -37.935 dBm</p> <p>Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.387 s (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.515000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 25.000000000 GHz</p> <p>CF Step 2.497000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>

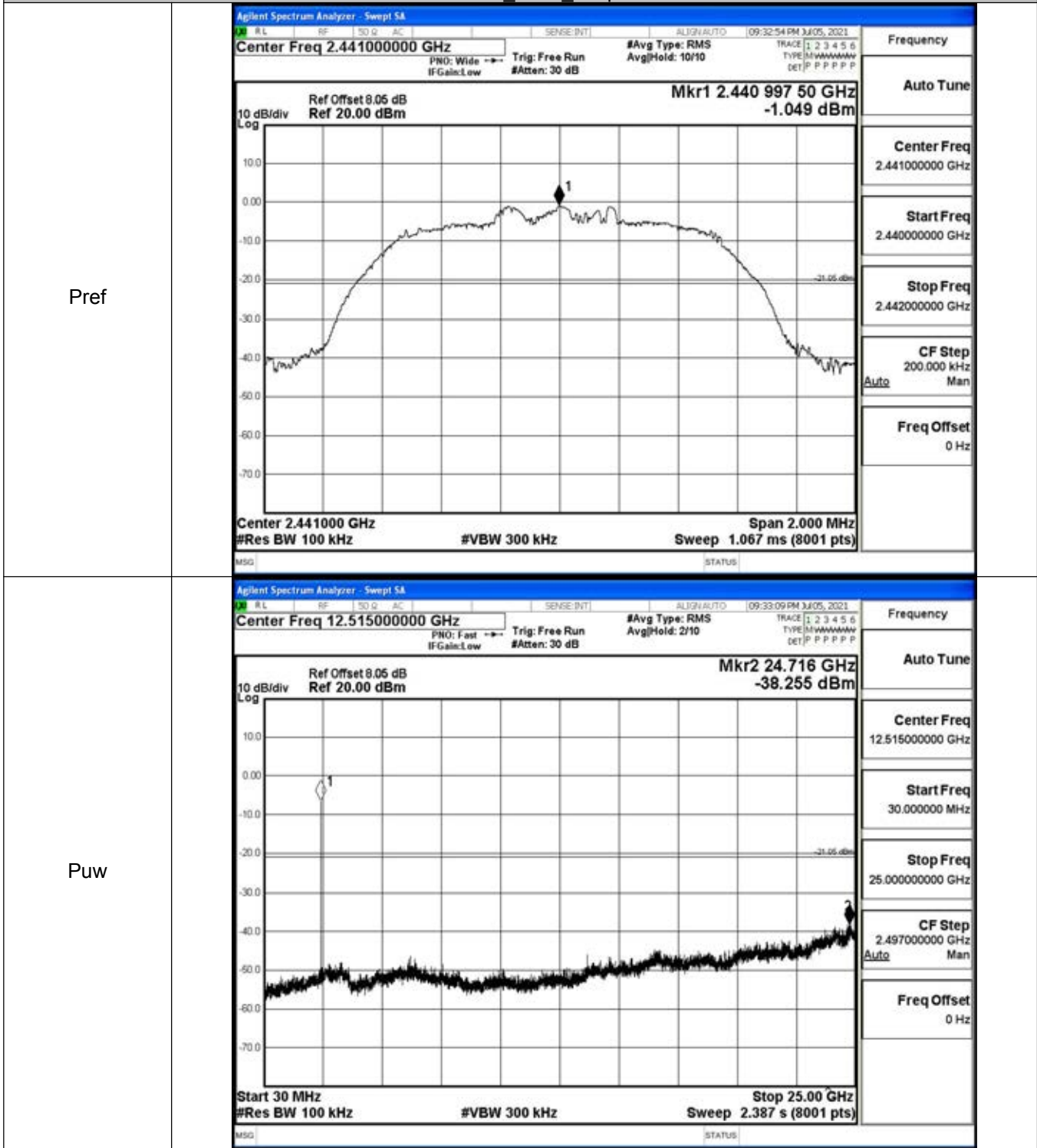


$\pi/4$ DQPSK_LCH_Graphs





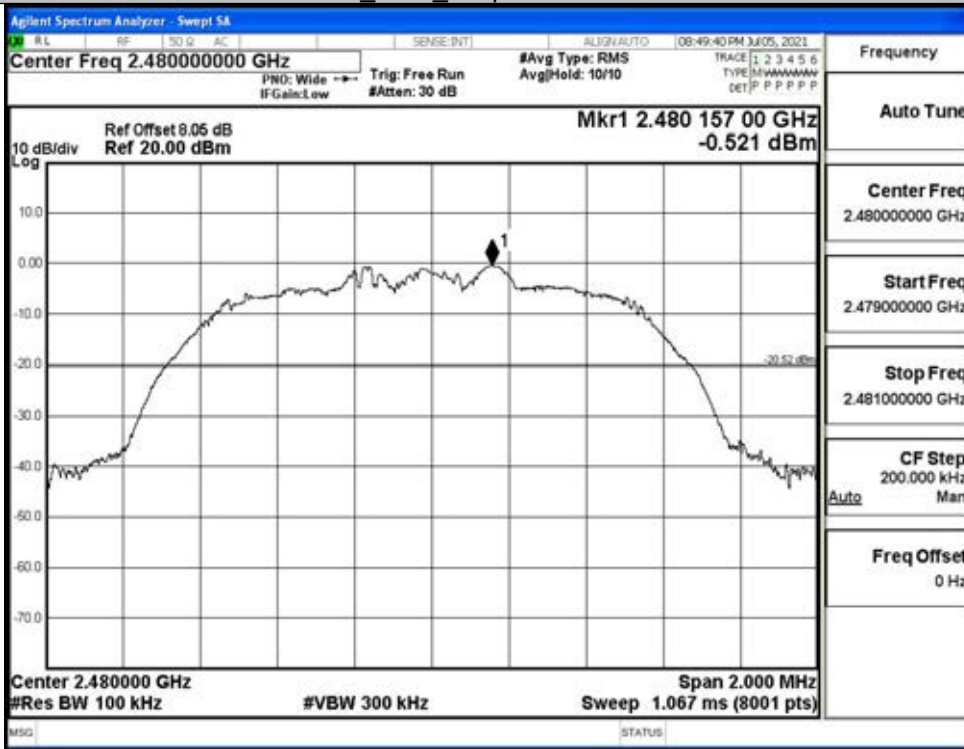
$\pi/4$ DQPSK_MCH_Graphs



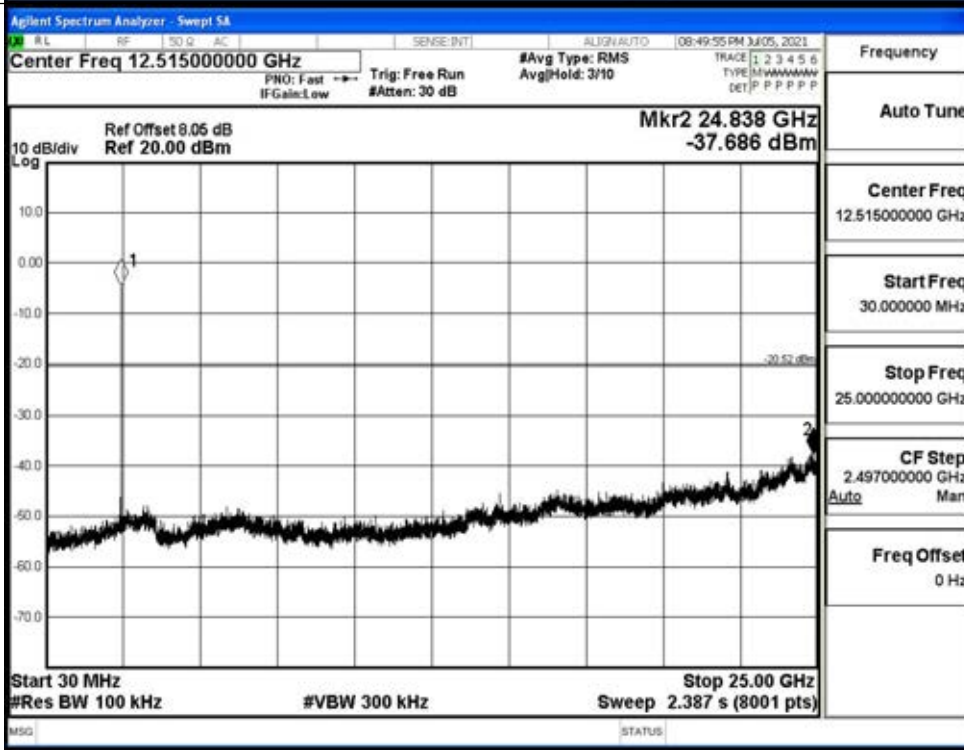


$\pi/4$ DQPSK_HCH_Graphs

Pref



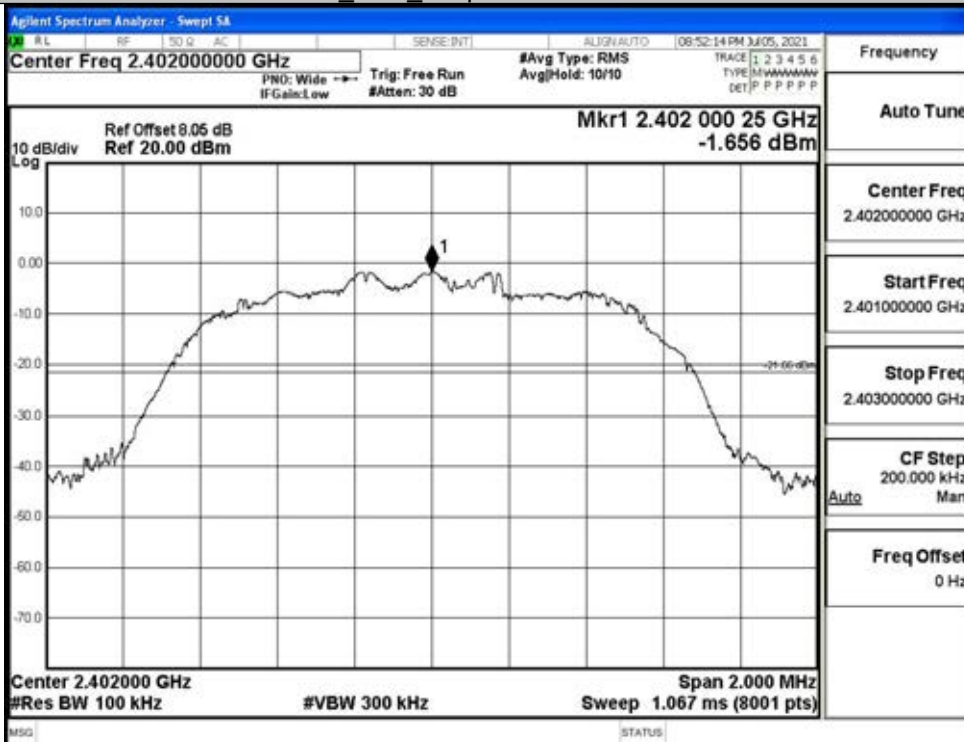
Puw



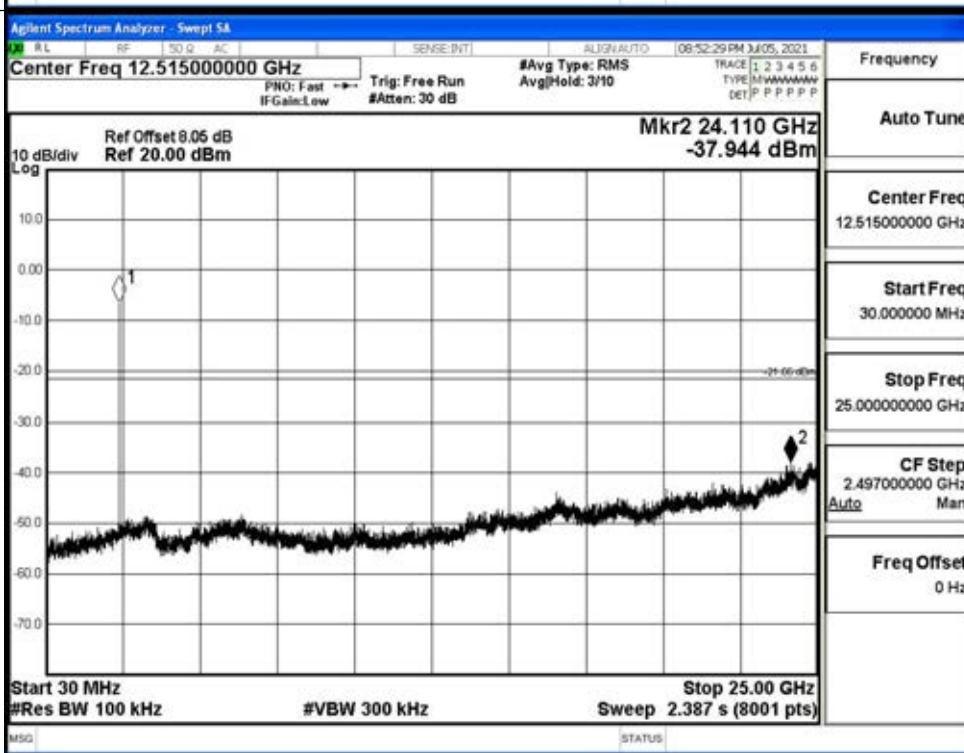


8DPSK_LCH_Graphs

Pref

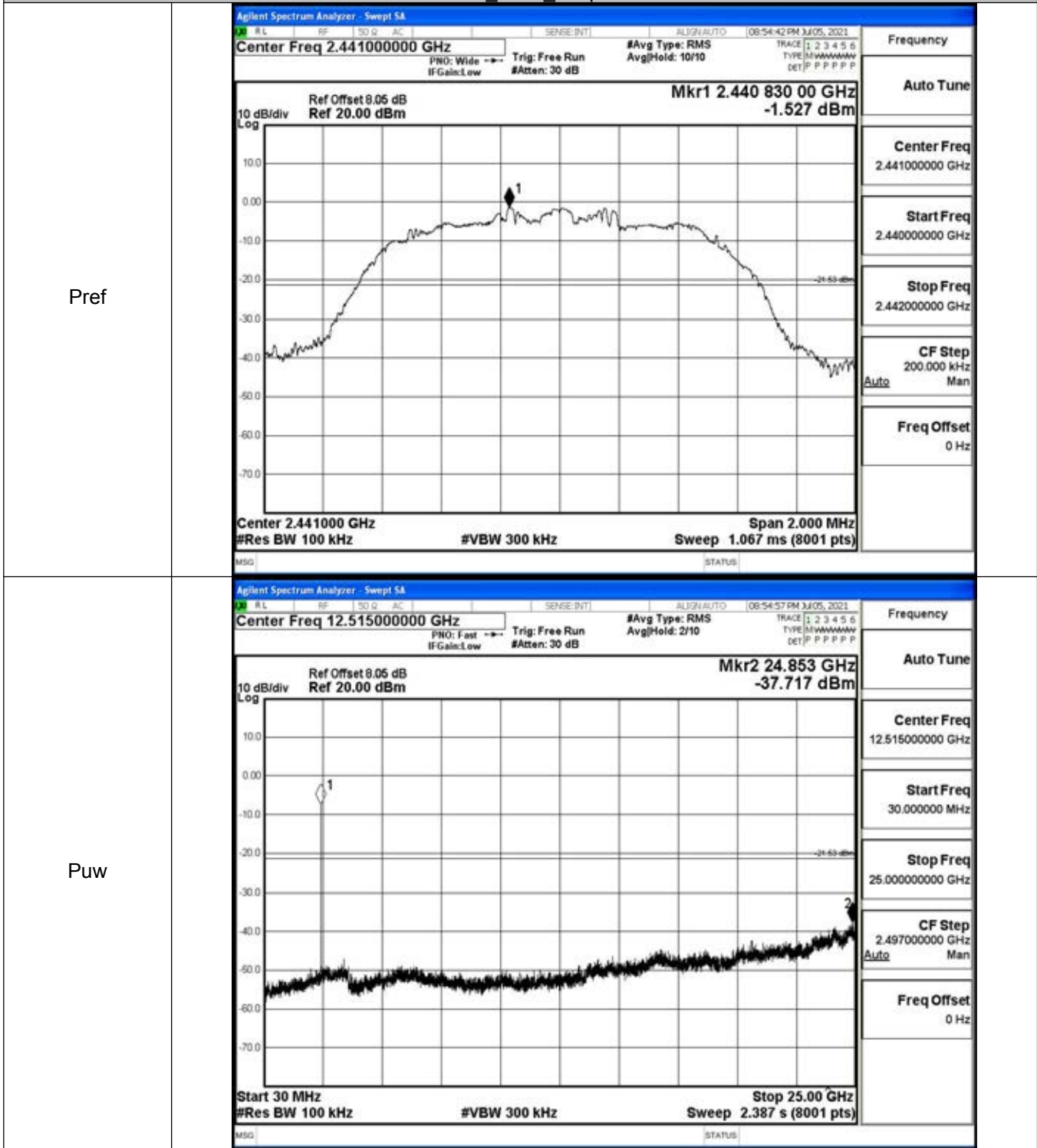


Puw





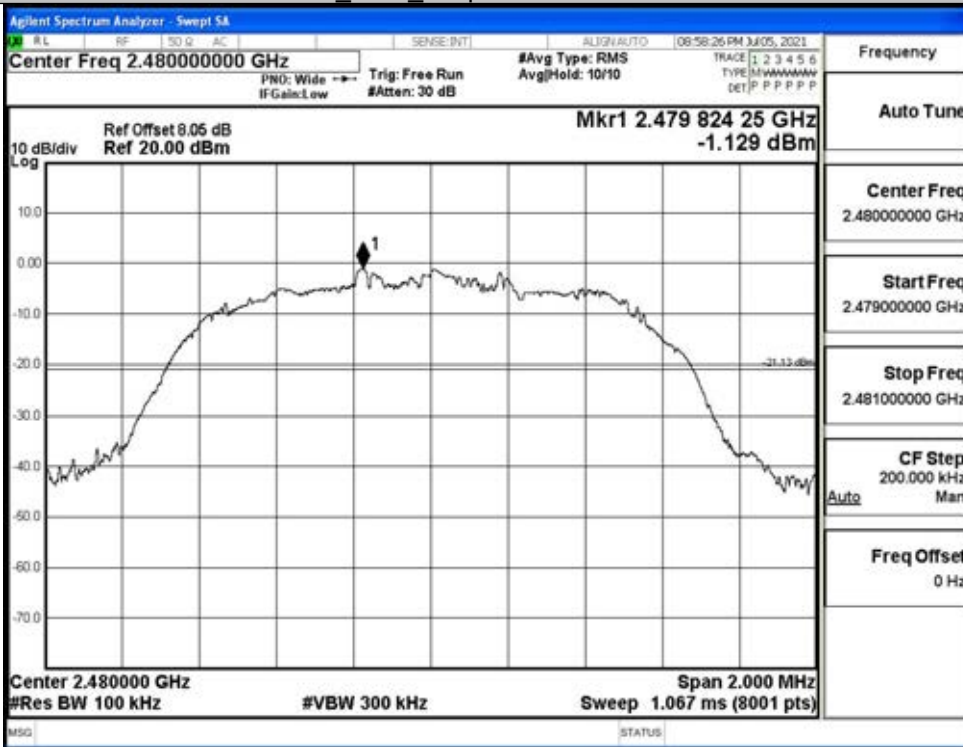
8DPSK_MCH_Graphs



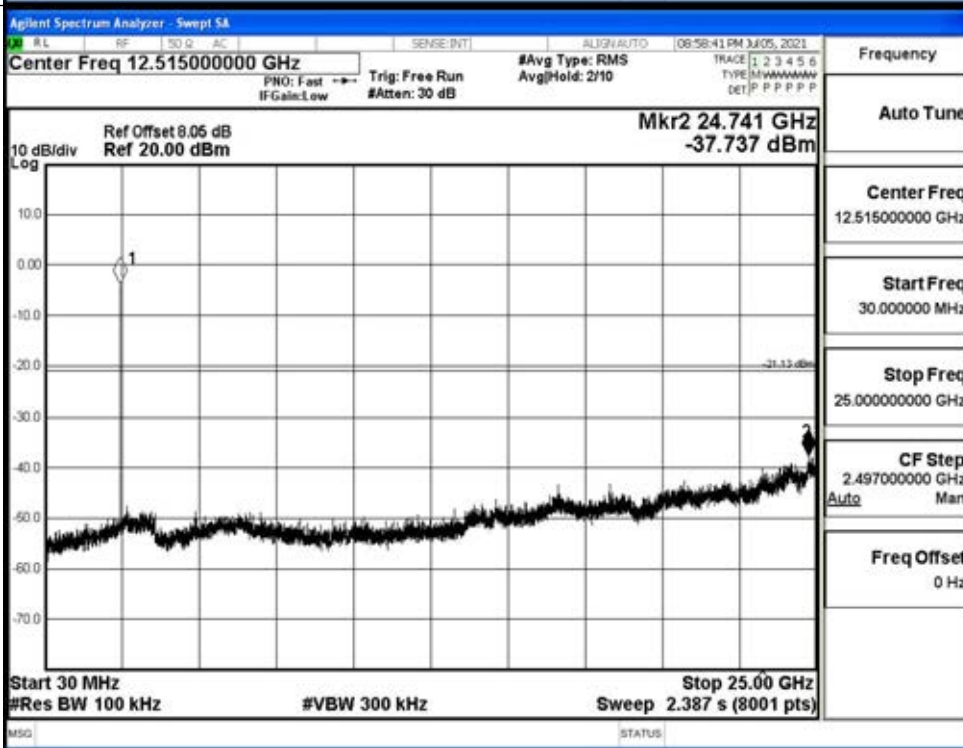


8DPSK_HCH_Graphs

Pref



Puw





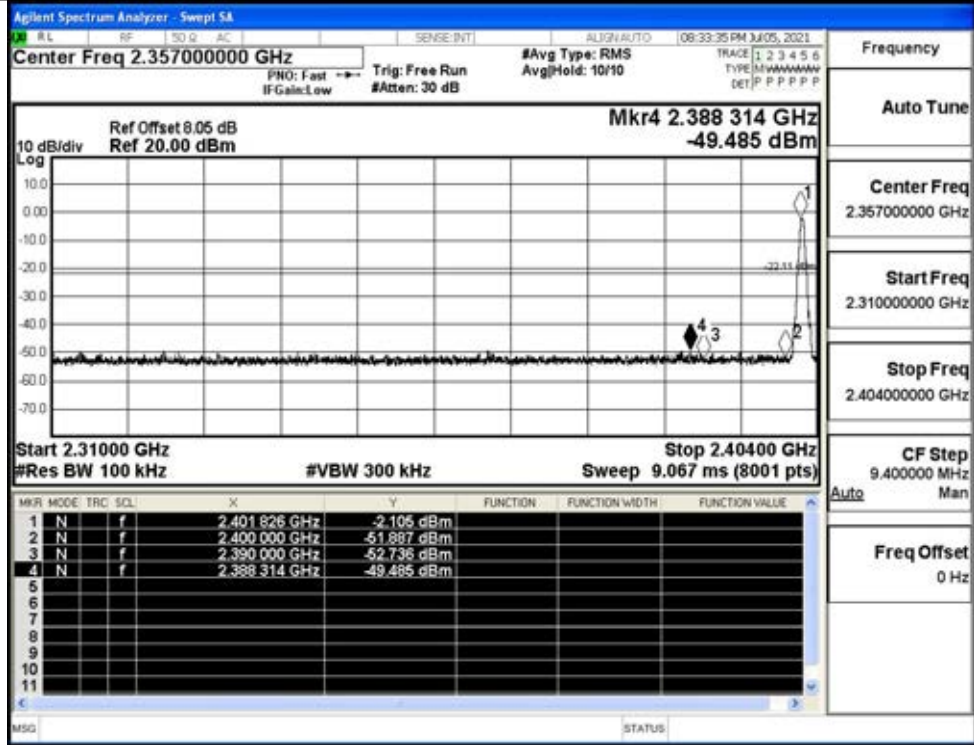
A.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-2.105	Off	-49.485	-22.11	PASS
			-1.824	On	-48.570	-21.82	PASS
	HCH	2480	-1.556	Off	-48.665	-21.56	PASS
			-1.470	On	-48.762	-21.47	PASS
$\pi/4$ DQPSK	LCH	2402	-2.313	Off	-49.743	-22.31	PASS
			-0.835	On	-49.044	-20.84	PASS
	HCH	2480	-0.360	Off	-49.199	-20.36	PASS
			-0.276	On	-48.669	-20.28	PASS
8DPSK	LCH	2402	-1.509	Off	-49.564	-21.51	PASS
			-0.901	On	-48.881	-20.9	PASS
	HCH	2480	-0.986	Off	-47.837	-20.99	PASS
			-0.725	On	-48.584	-20.73	PASS

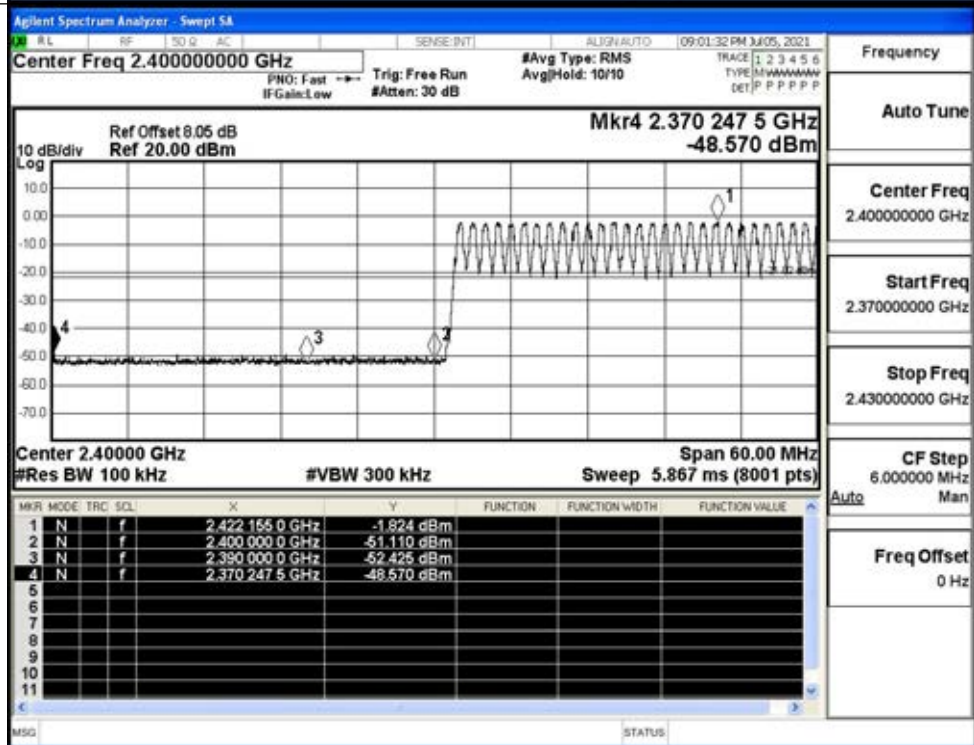


Test Graphs

GFSK/LCH/No Hop

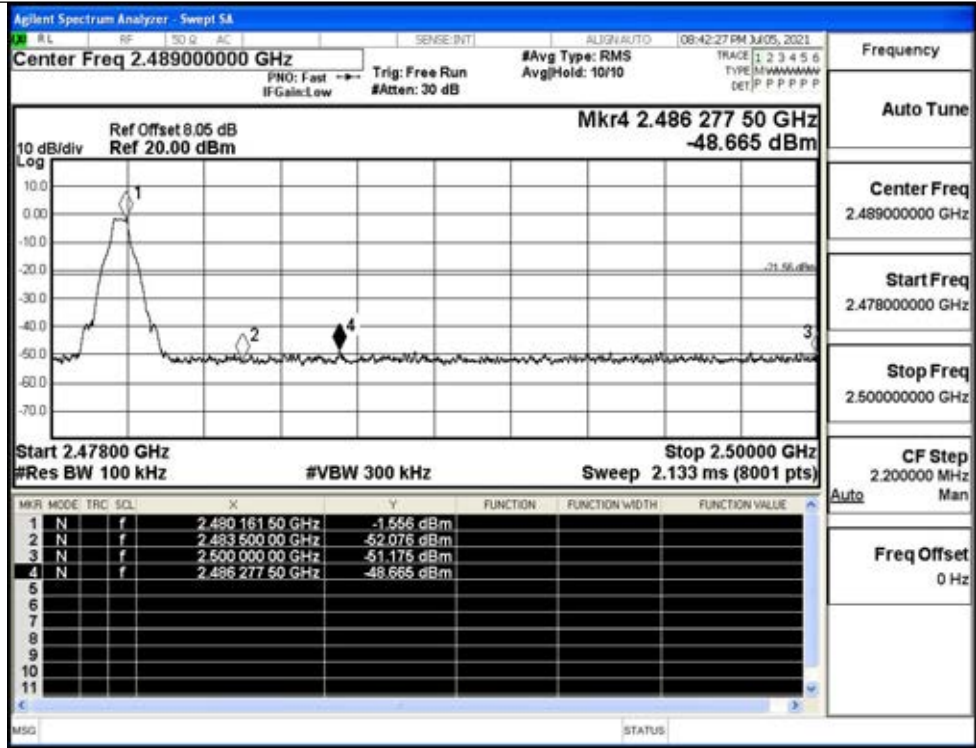


GFSK/LCH/Hop

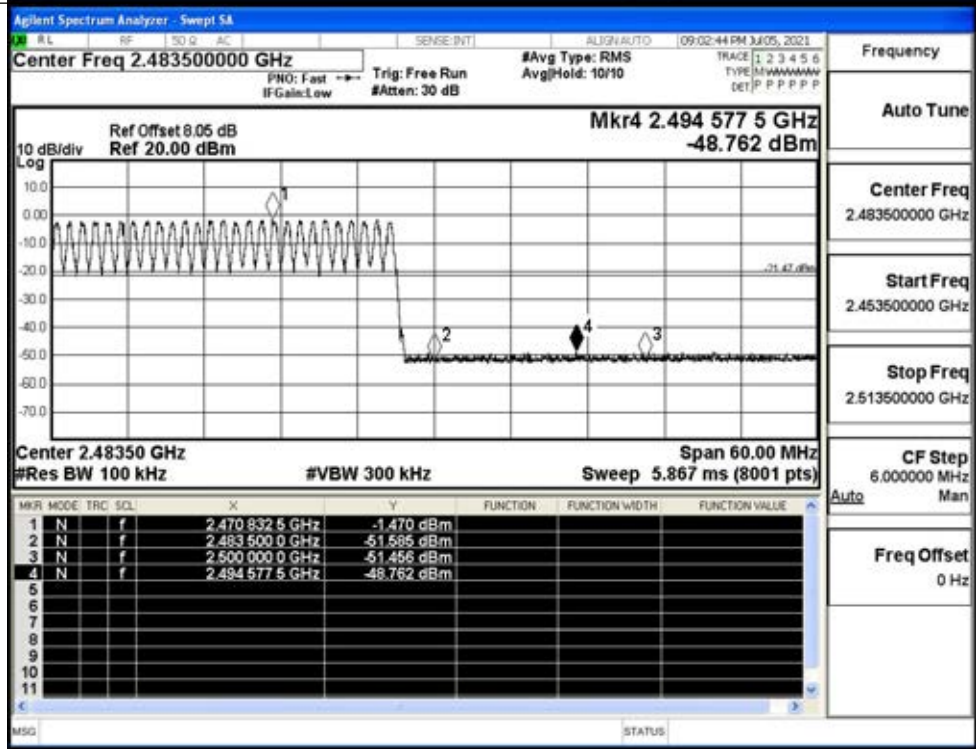




GFSK/HCH/No Hop

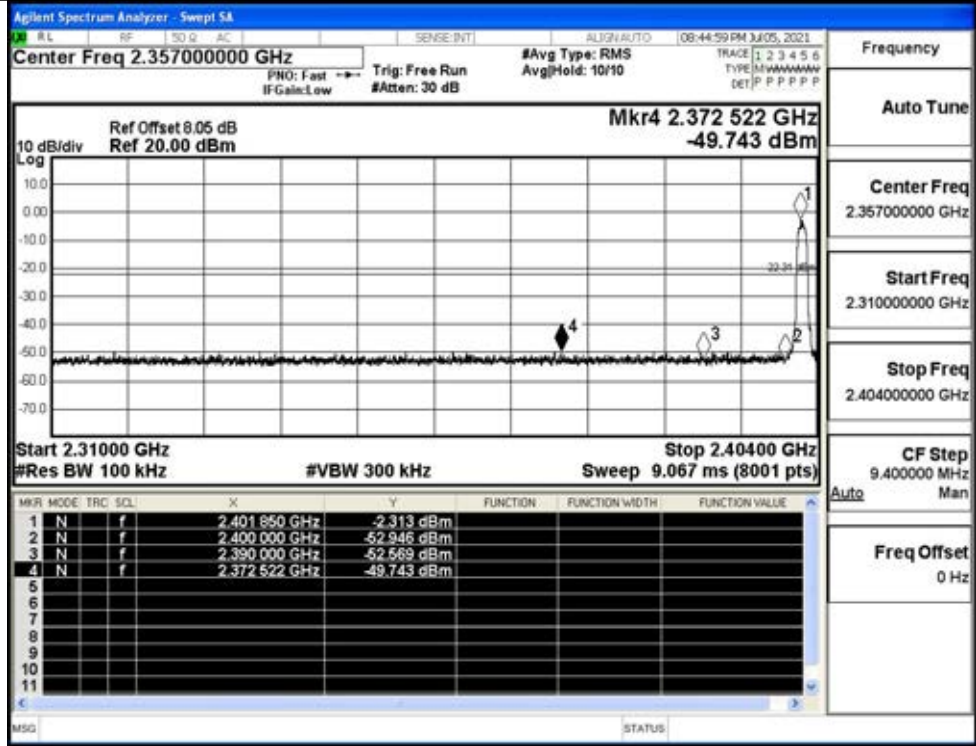


GFSK/HCH/Hop

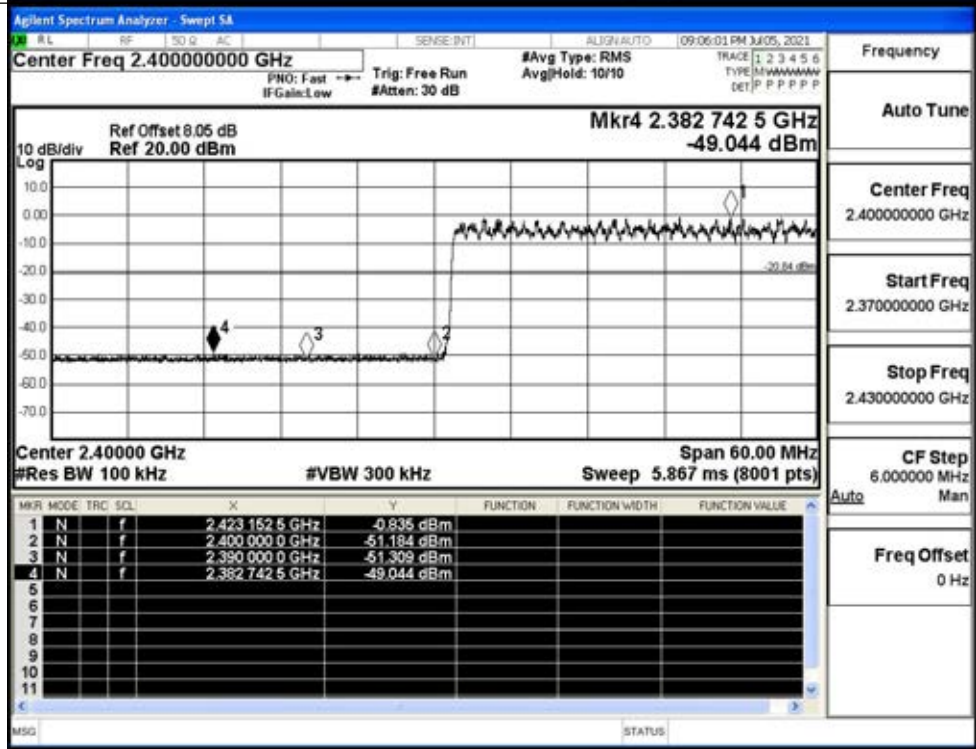




$\pi/4$ DQPSK/LCH/No Hop

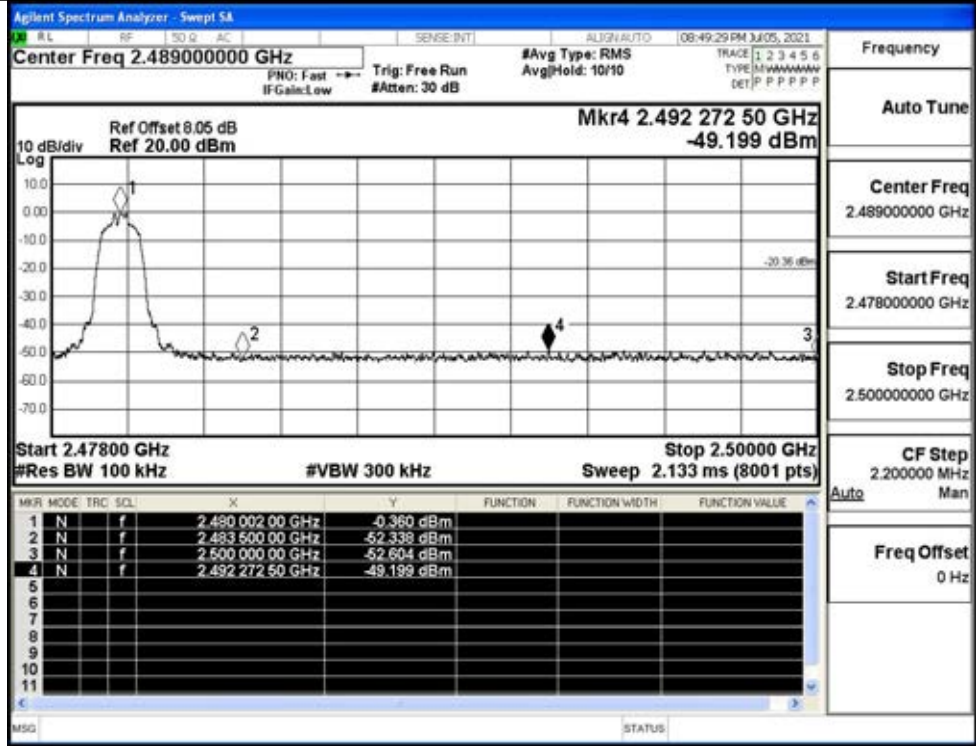


$\pi/4$ DQPSK/LCH/Hop

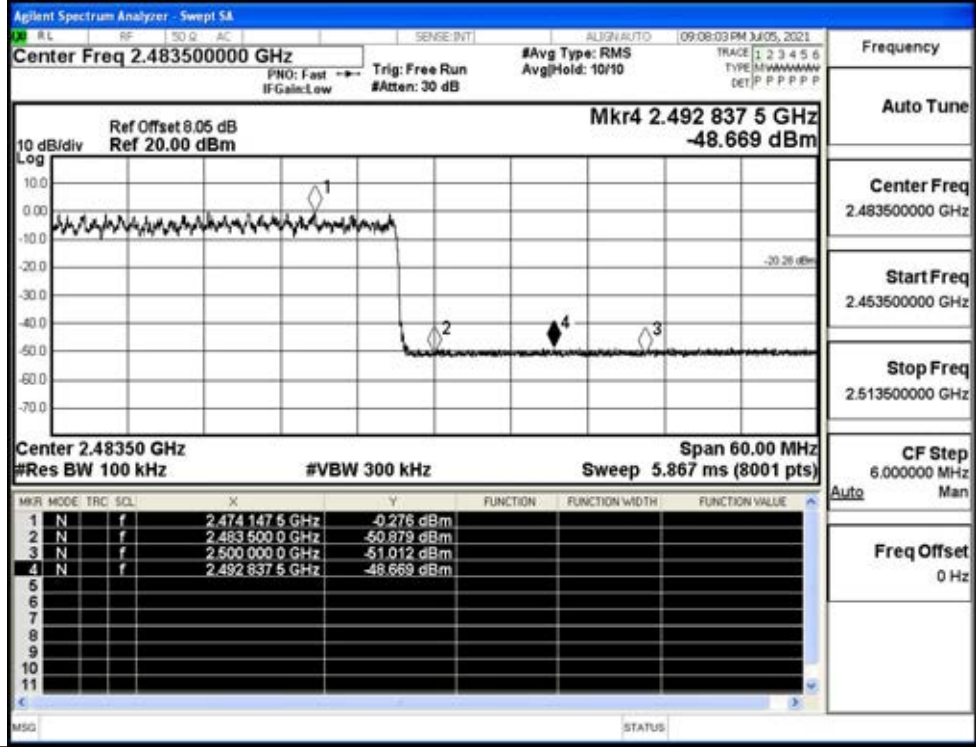




$\pi/4$ DQPSK/HCH/No Hop

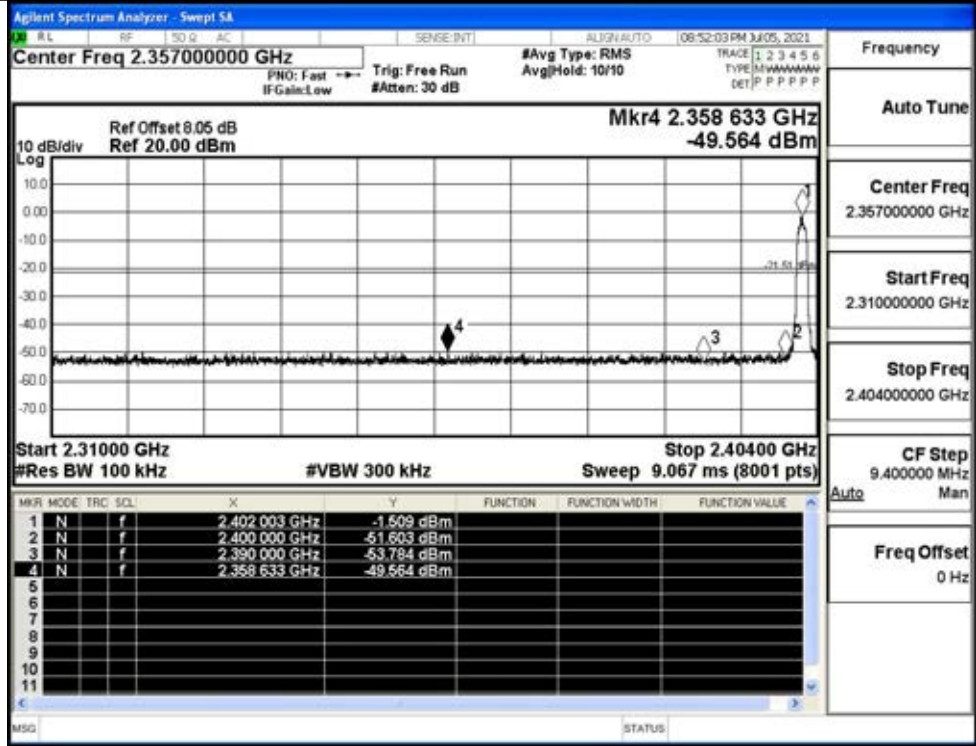


$\pi/4$ DQPSK/HCH/Hop

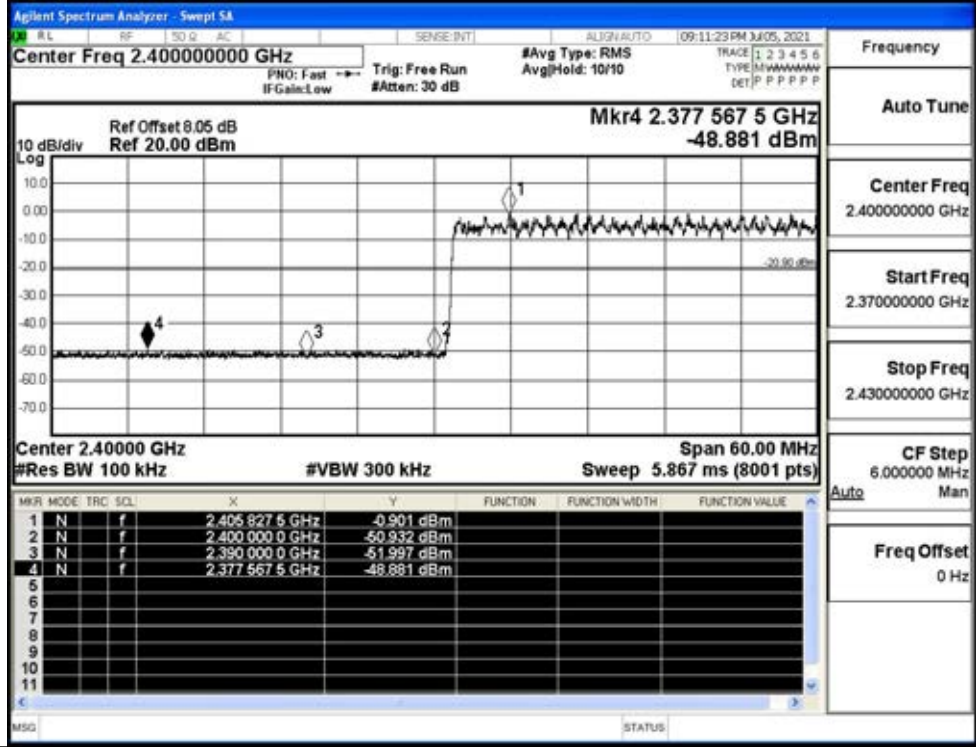




8DPSK/LCH/No Hop

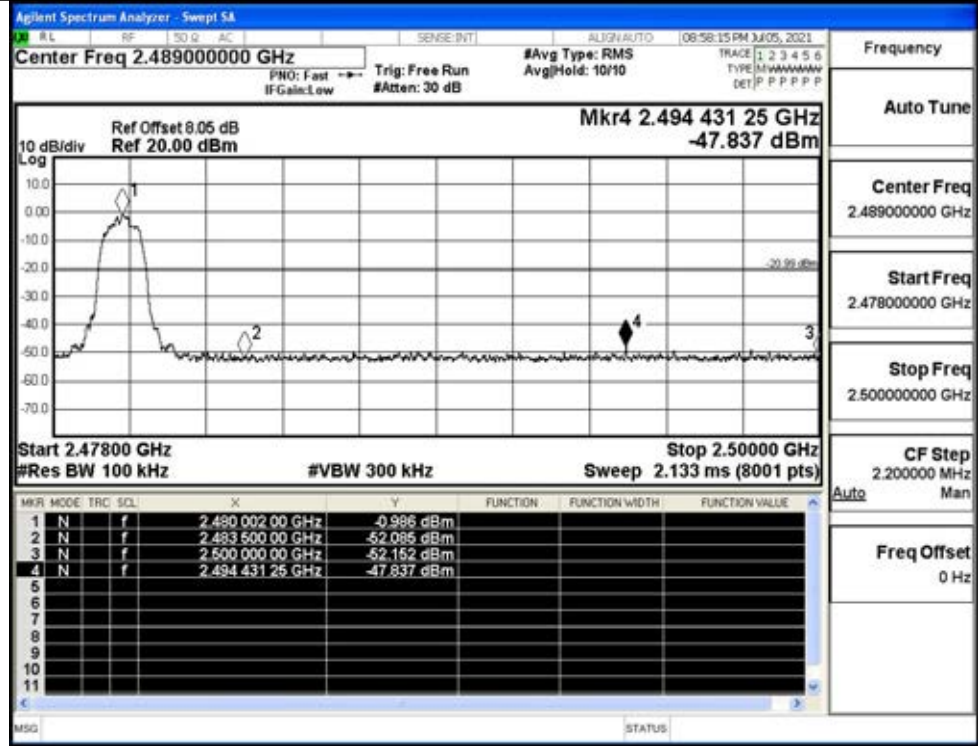


8DPSK/LCH/Hop

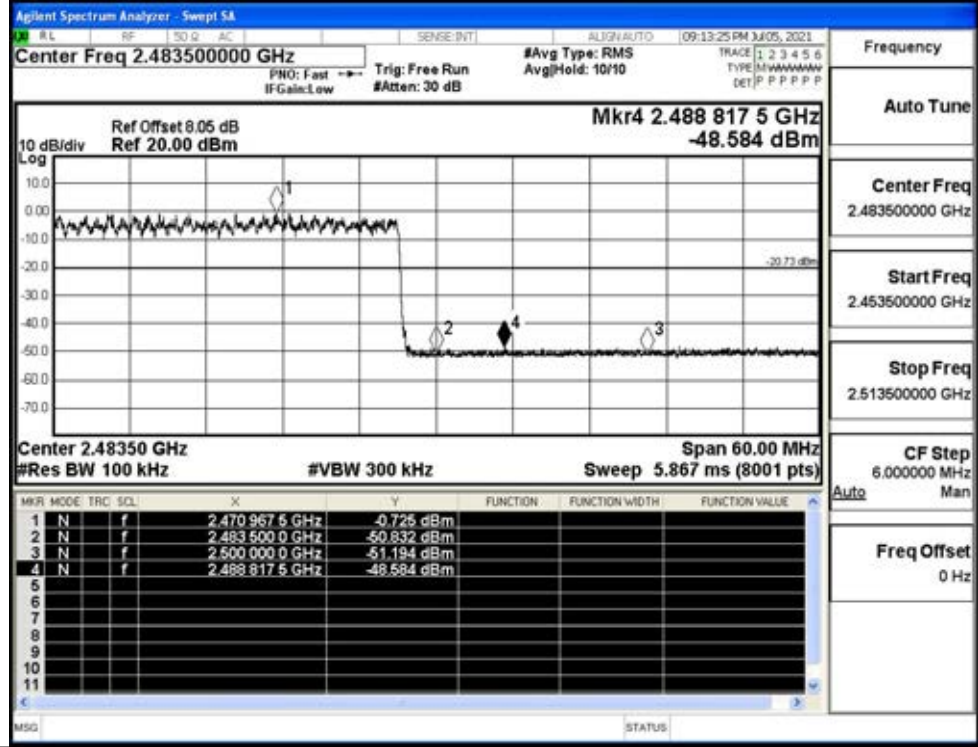




8DPSK/HCH/No Hop



8DPSK/HCH/Hop

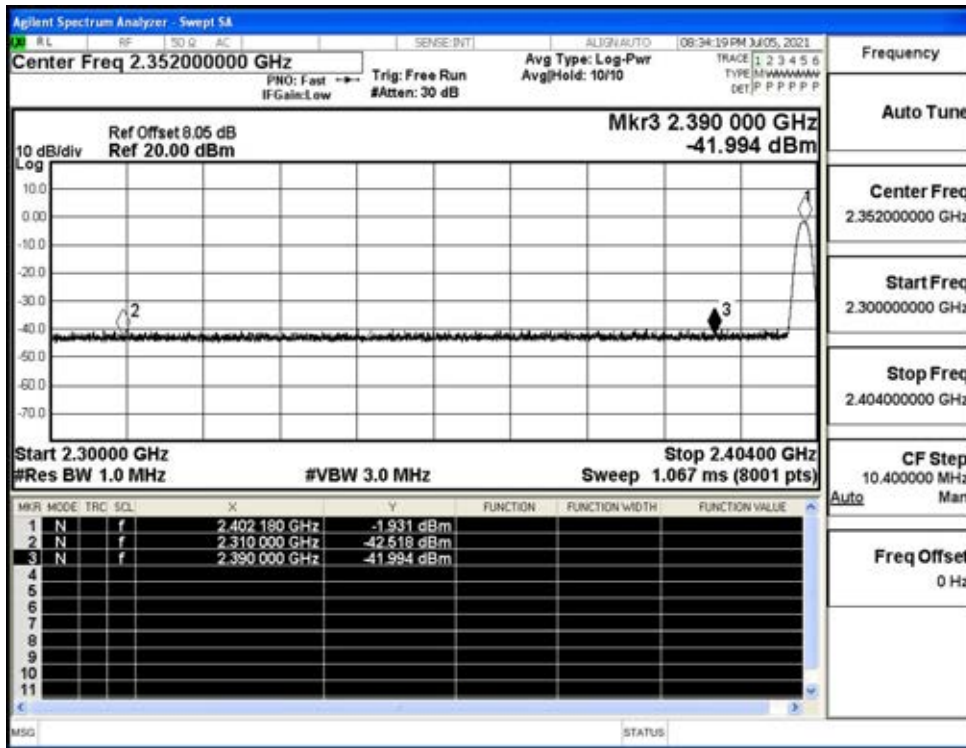




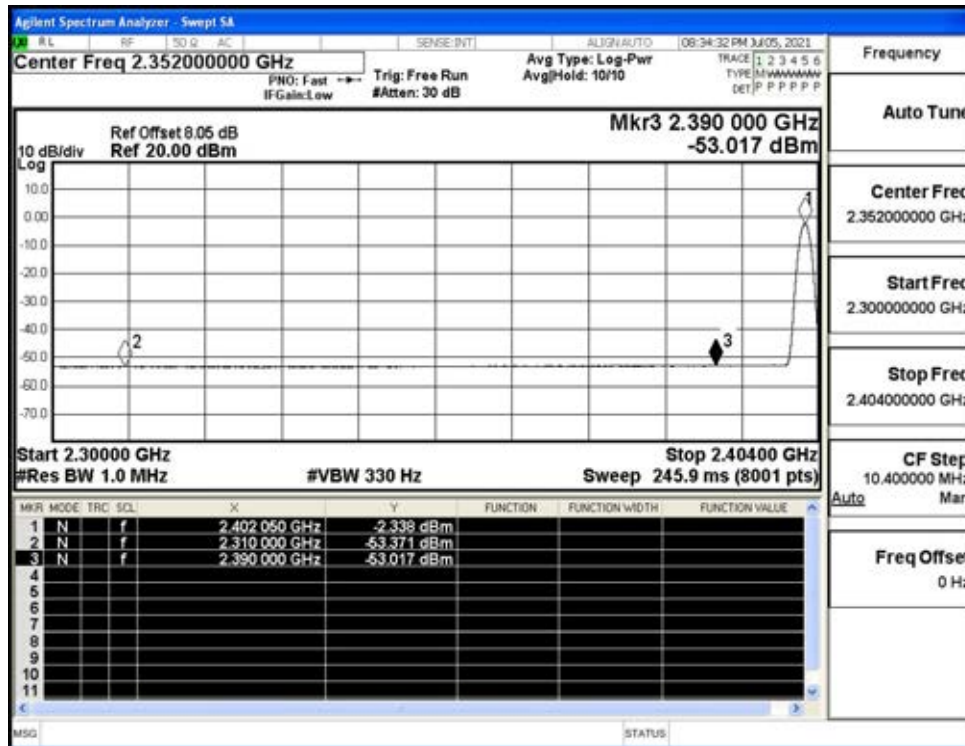
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.52	2.0	0	54.71	PEAK	74	PASS
	Off	2310.0	-53.37	2.0	0	43.86	AV	54	PASS
	Off	2390.0	-41.99	2.0	0	55.24	PEAK	74	PASS
	Off	2390.0	-53.02	2.0	0	44.21	AV	54	PASS
	Off	2483.5	-42.97	2.0	0	54.26	PEAK	74	PASS
	Off	2483.5	-52.46	2.0	0	44.77	AV	54	PASS
	Off	2500.0	-42.39	2.0	0	54.84	PEAK	74	PASS
	Off	2500.0	-52.39	2.0	0	44.84	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-43.26	2.0	0	53.97	PEAK	74	PASS
	Off	2310.0	-53.33	2.0	0	43.90	AV	54	PASS
	Off	2390.0	-43.15	2.0	0	54.08	PEAK	74	PASS
	Off	2390.0	-53.07	2.0	0	44.16	AV	54	PASS
	Off	2483.5	-42.35	2.0	0	54.88	PEAK	74	PASS
	Off	2483.5	-52.36	2.0	0	44.87	AV	54	PASS
	Off	2500.0	-41.00	2.0	0	56.23	PEAK	74	PASS
	Off	2500.0	-52.30	2.0	0	44.93	AV	54	PASS
8DPSK	Off	2310.0	-43.64	2.0	0	53.59	PEAK	74	PASS
	Off	2310.0	-53.37	2.0	0	43.86	AV	54	PASS
	Off	2390.0	-42.45	2.0	0	54.78	PEAK	74	PASS
	Off	2390.0	-52.95	2.0	0	44.28	AV	54	PASS
	Off	2483.5	-42.37	2.0	0	54.86	PEAK	74	PASS
	Off	2483.5	-52.54	2.0	0	44.69	AV	54	PASS
	Off	2500.0	-41.62	2.0	0	55.61	PEAK	74	PASS
	Off	2500.0	-52.43	2.0	0	44.80	AV	54	PASS

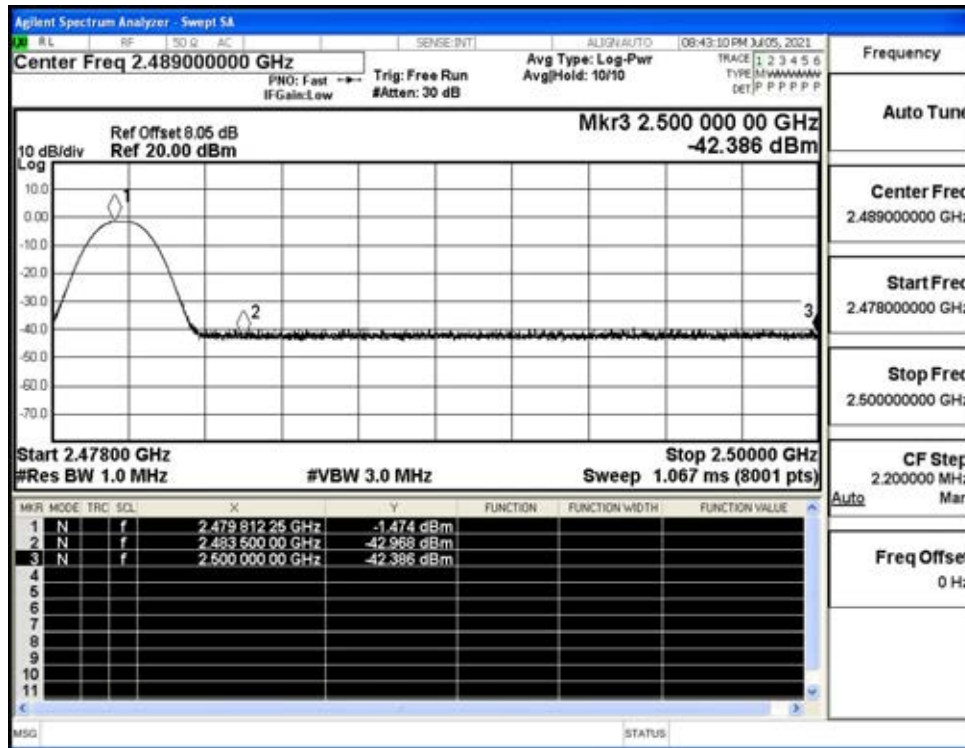
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



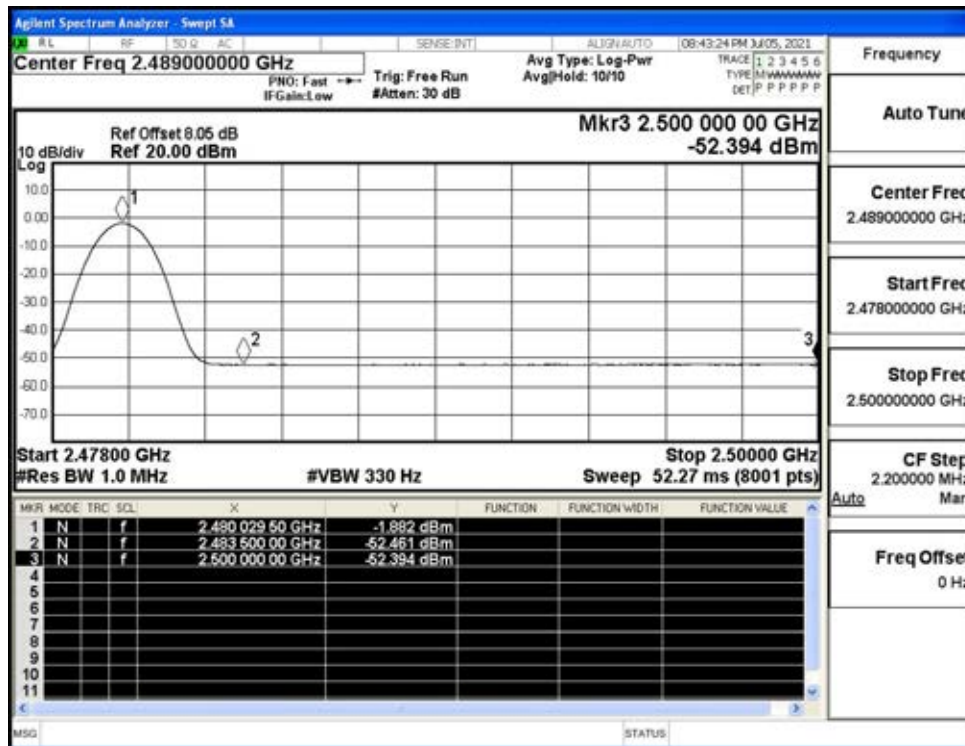
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



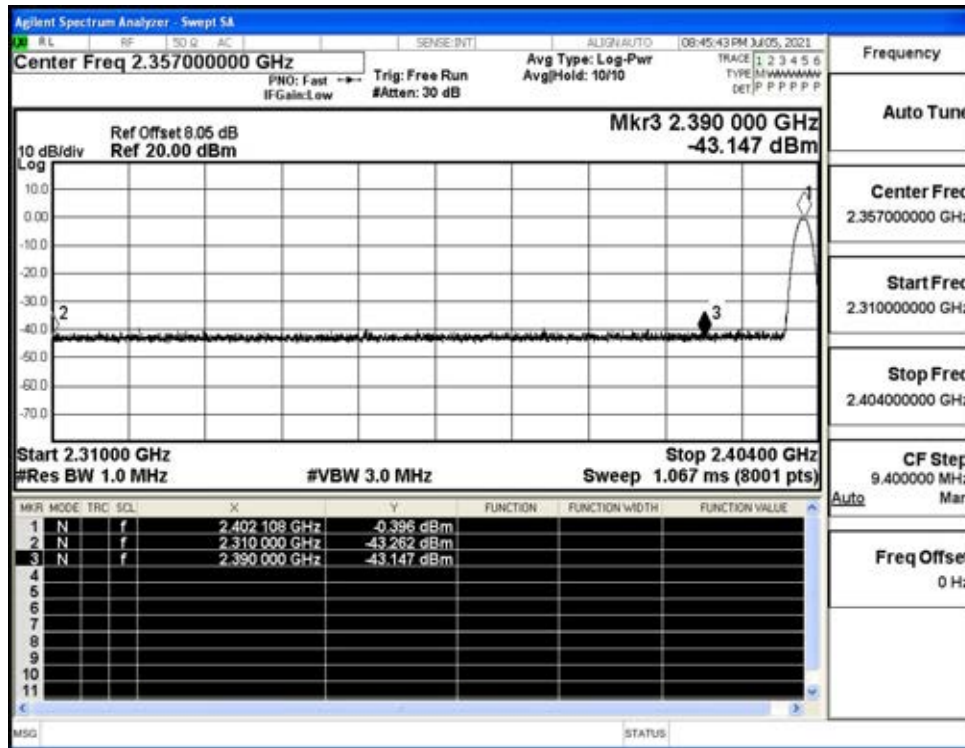
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



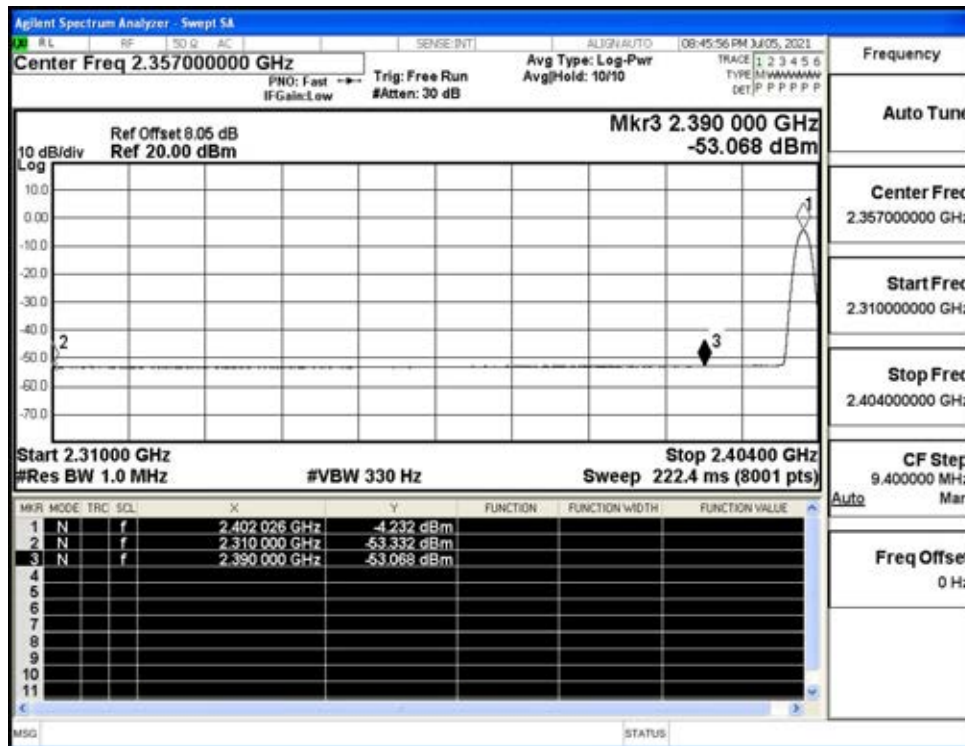
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



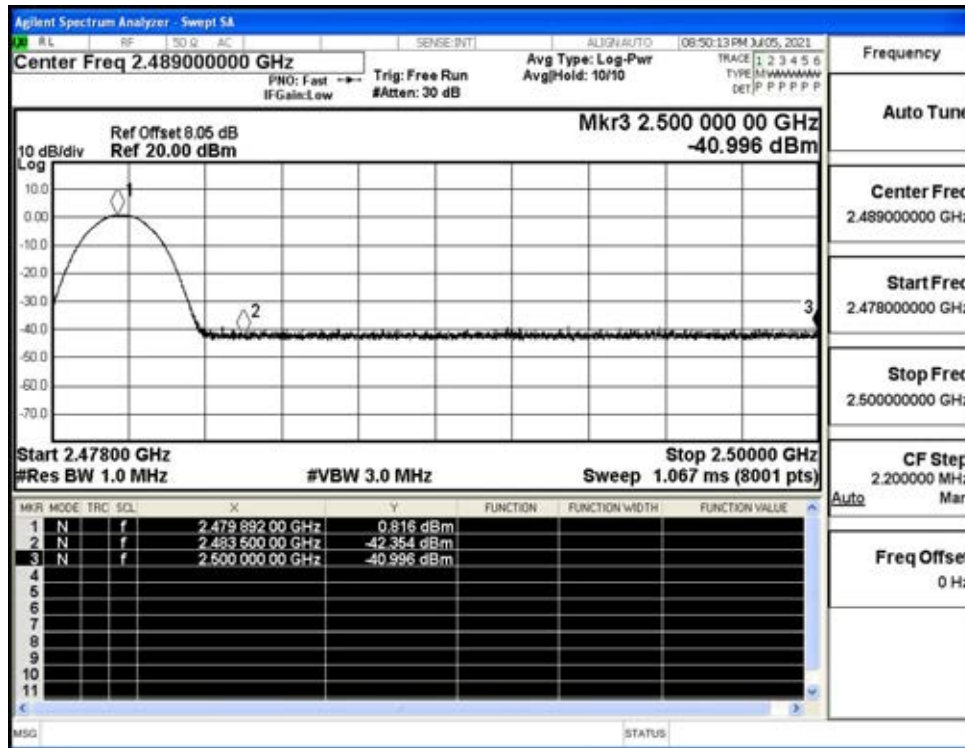
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



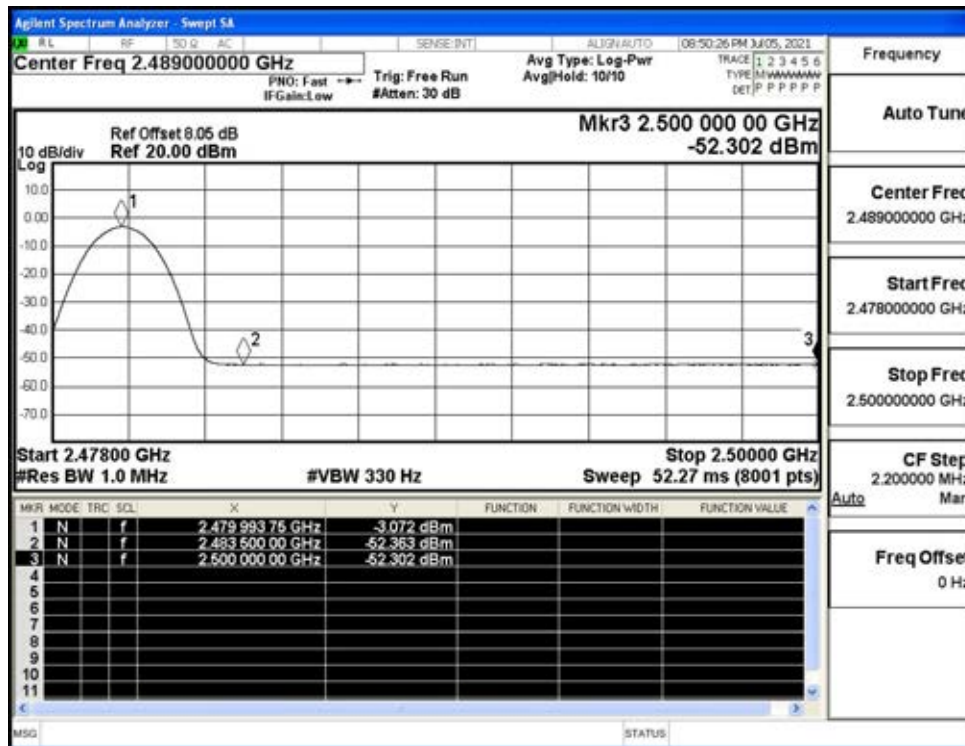
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



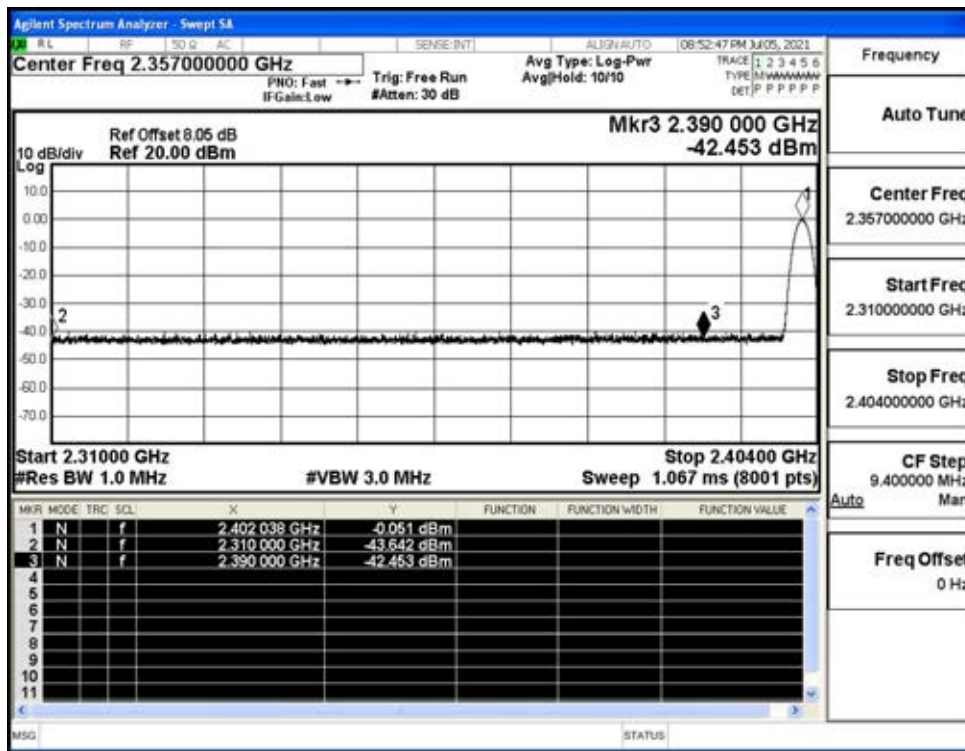
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



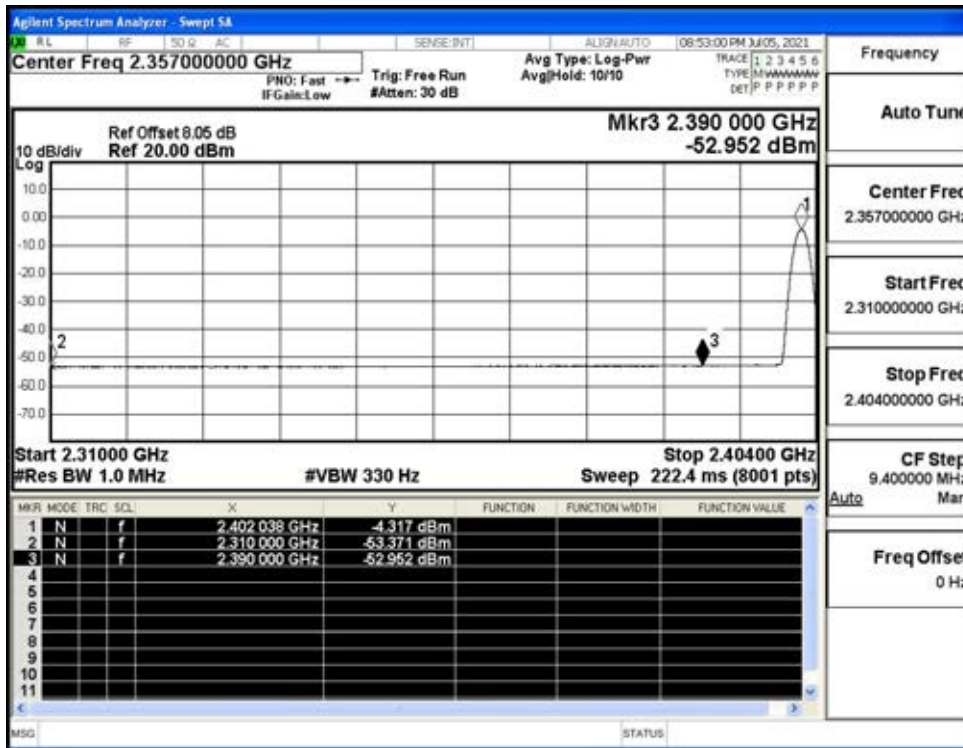
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



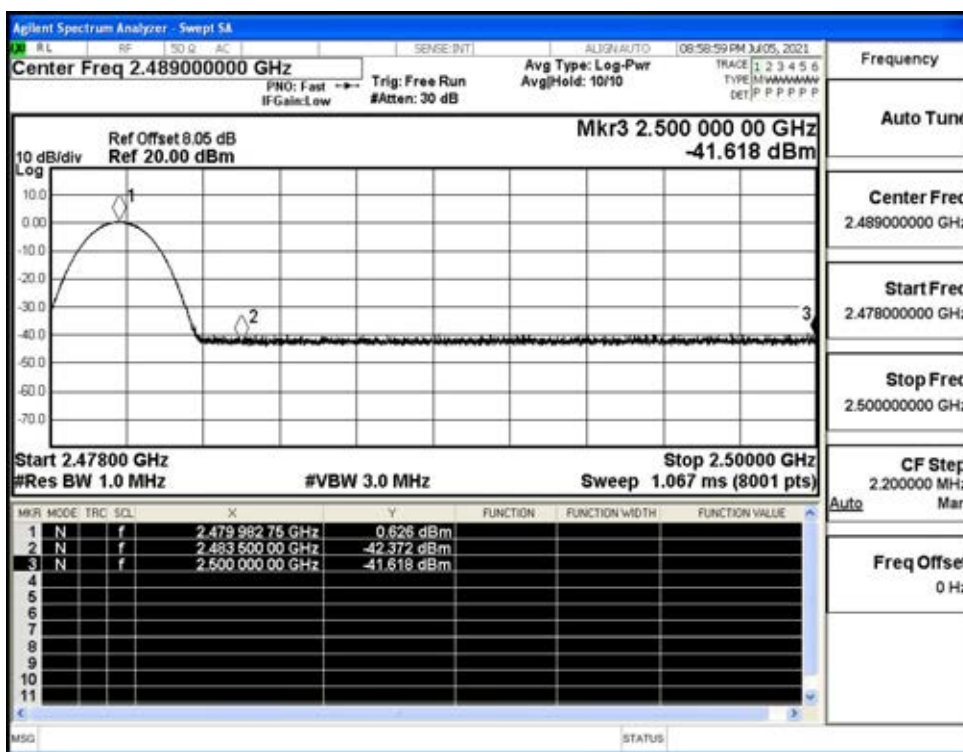
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

