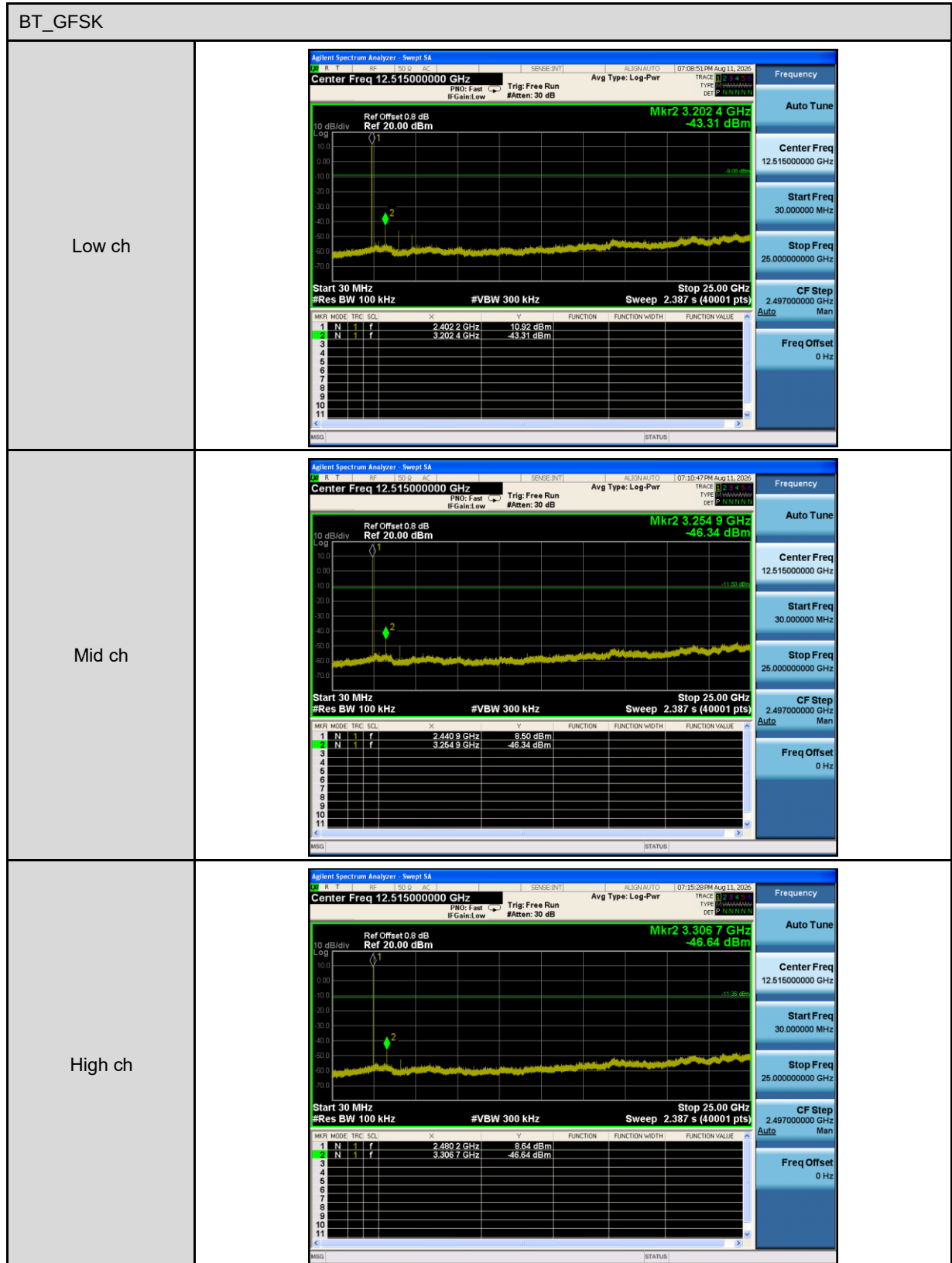


Appendix B. Test Plots

Out of Band Conducted Spurious Emission



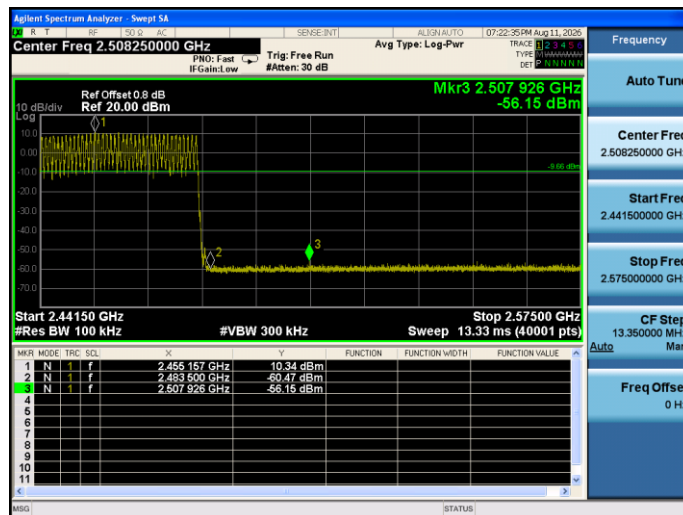
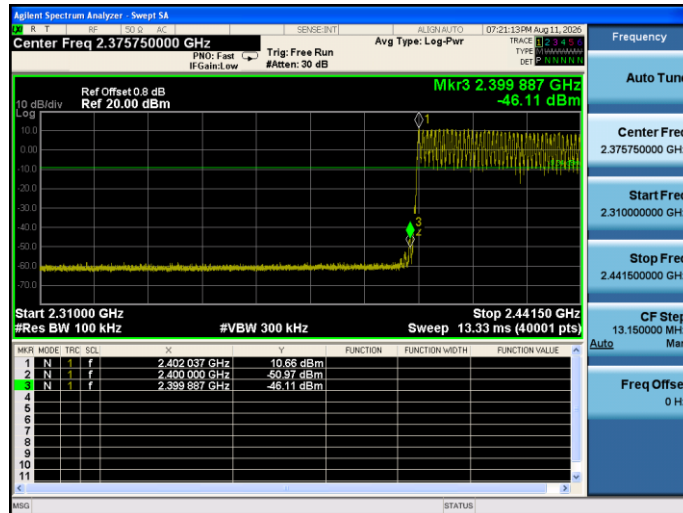
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Conducted Band Edge

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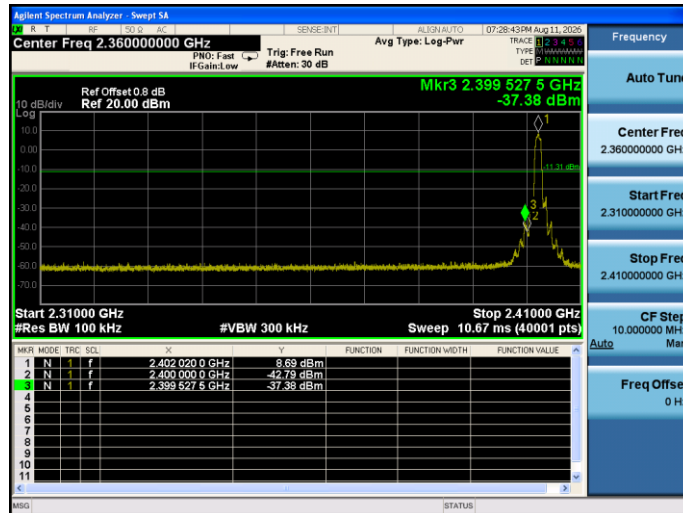
BT_GFSK_Hopping

Low ch-High ch

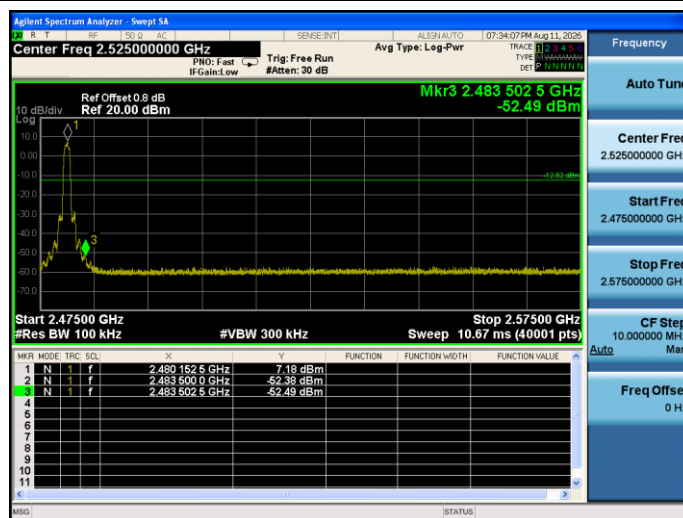


BT_8DPSK_Non-Hopping

Low ch

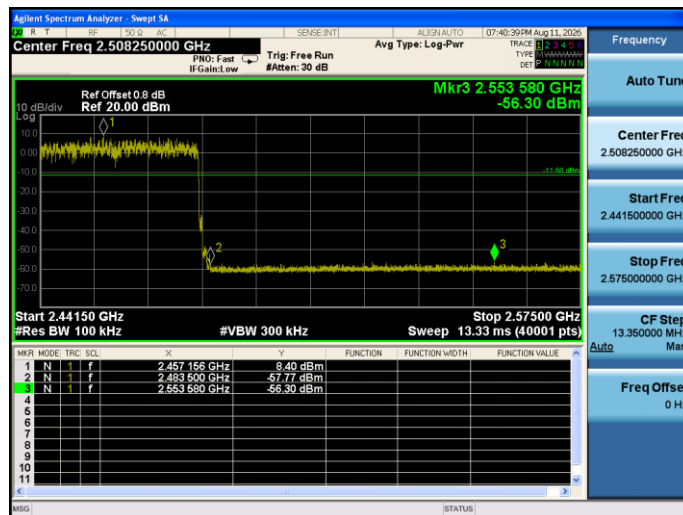
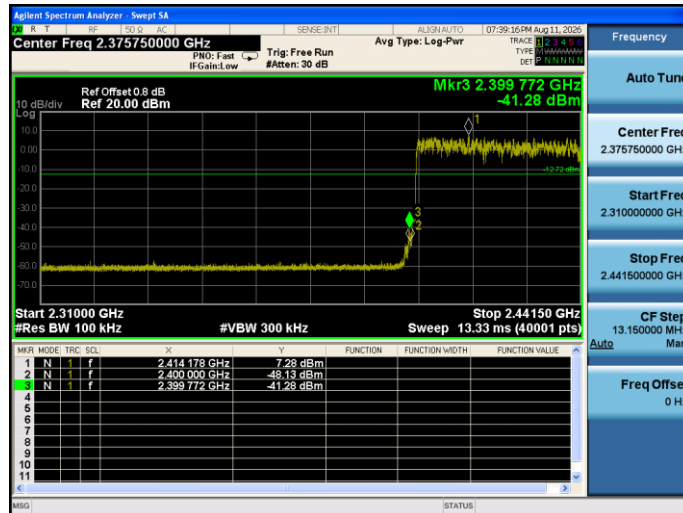


High ch

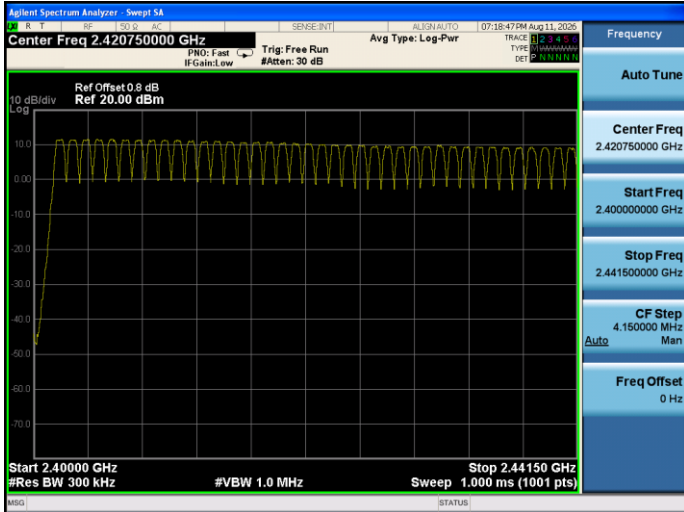
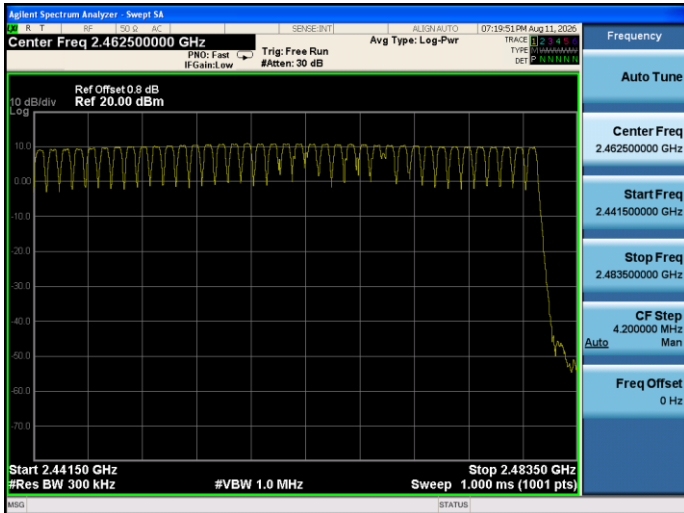


BT_8DPSK_Hopping

Low ch-High ch

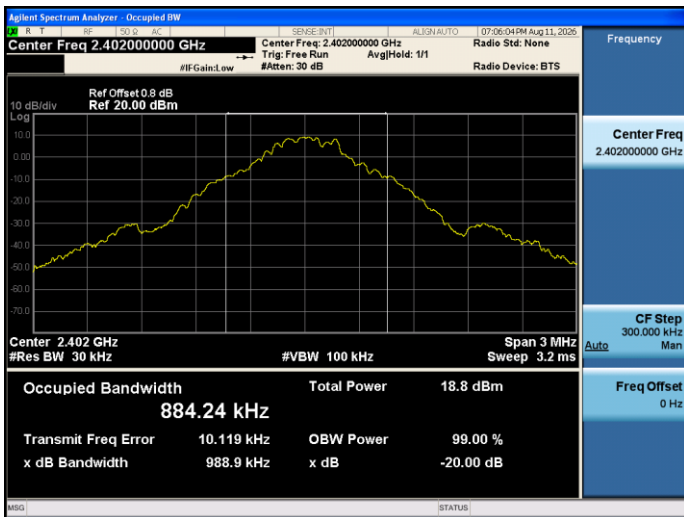
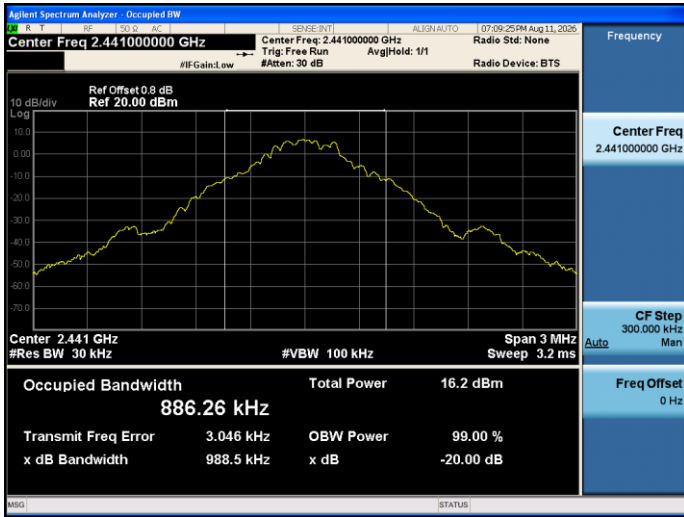
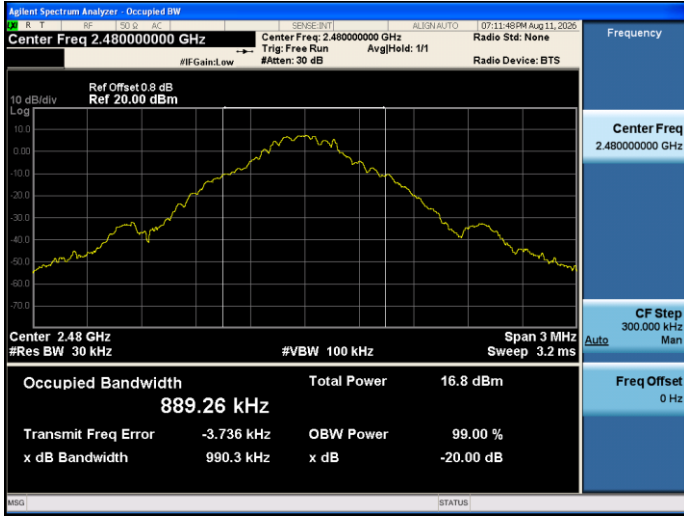


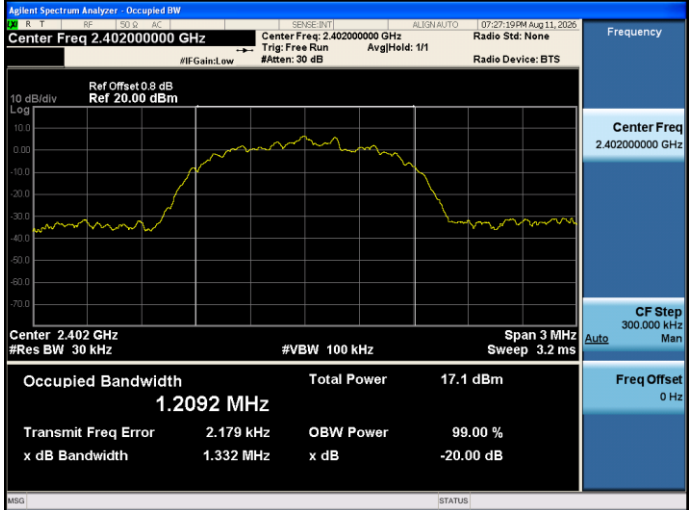
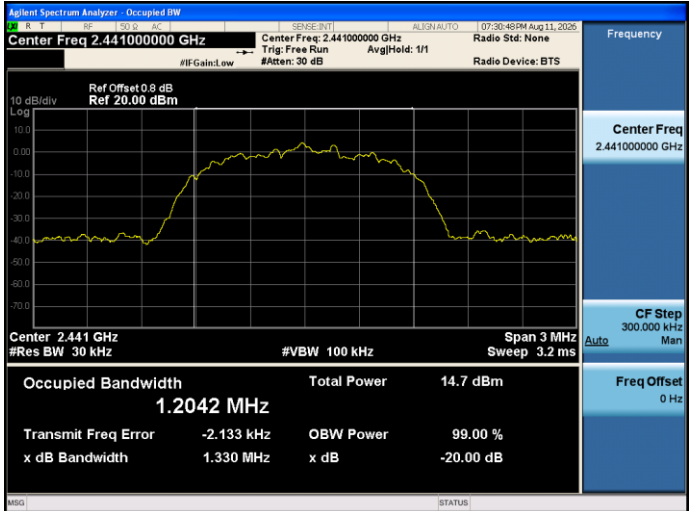
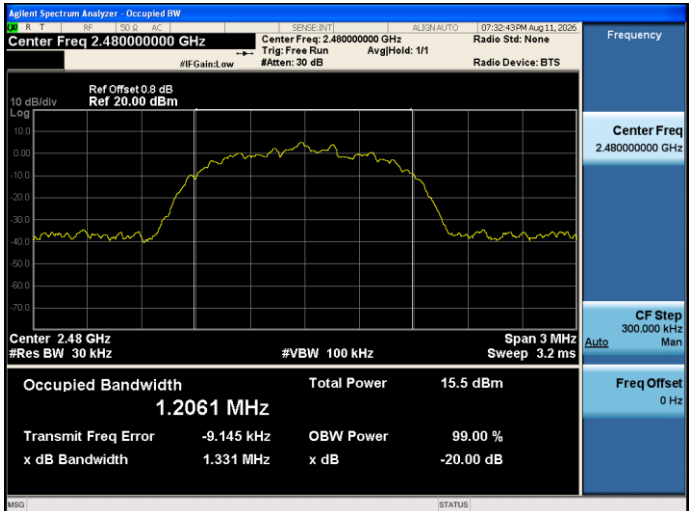
Number of Hopping

BT_GFSK	
CH00 - CH39	
CH39- CH78	

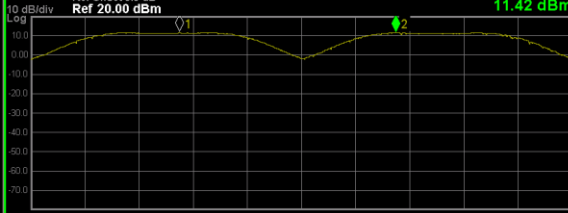
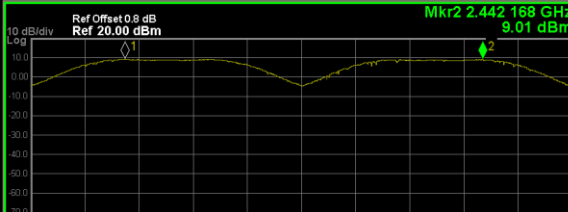
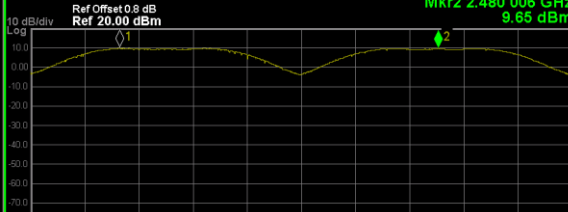


20 dB Emission Bandwidth and 99 % Occupied Bandwidth

BT_GFSK	
Low ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.402000000 GHz Center Freq: 2.402000000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 884.24 kHz Total Power 18.8 dBm Transmit Freq Error 10.119 kHz OBW Power 99.00 % x dB Bandwidth 988.9 kHz x dB -20.00 dB
Mid ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.441000000 GHz Center Freq: 2.441000000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.441 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 886.26 kHz Total Power 16.2 dBm Transmit Freq Error 3.046 kHz OBW Power 99.00 % x dB Bandwidth 988.5 kHz x dB -20.00 dB
High ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.480000000 GHz Center Freq: 2.480000000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 889.26 kHz Total Power 16.8 dBm Transmit Freq Error -3.736 kHz OBW Power 99.00 % x dB Bandwidth 990.3 kHz x dB -20.00 dB

BT_8DPSK	
Low ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.402000000 GHz Center Freq: 2.402000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 1.2092 MHz Total Power 17.1 dBm Transmit Freq Error 2.179 kHz OBW Power 99.00 % x dB Bandwidth 1.332 MHz x dB -20.00 dB
Mid ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.441000000 GHz Center Freq: 2.441000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.441 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 1.2042 MHz Total Power 14.7 dBm Transmit Freq Error -2.133 kHz OBW Power 99.00 % x dB Bandwidth 1.330 MHz x dB -20.00 dB
High ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.480000000 GHz Center Freq: 2.480000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 0.8 dB Ref 20.00 dBm Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 3 MHz Sweep 3.2 ms Occupied Bandwidth 1.2061 MHz Total Power 15.5 dBm Transmit Freq Error -9.145 kHz OBW Power 99.00 % x dB Bandwidth 1.331 MHz x dB -20.00 dB

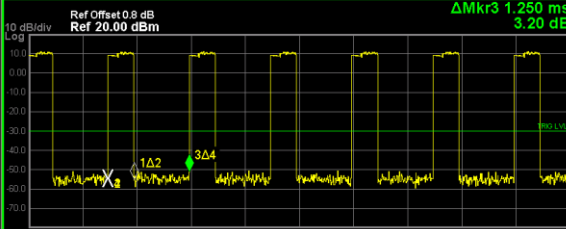
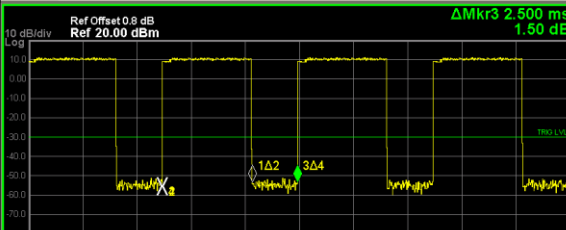
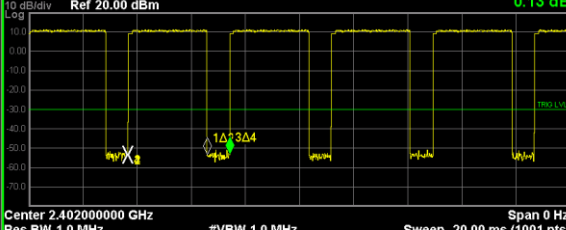
Carrier Frequency Separation

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Sweep SA Center Freq 2.479500000 GHz Ref Offset 0.8 dB Ref 20.00 dBm Mkr2 2.480002 GHz 7.49 dBm Center 2.479500 GHz #Res BW 300 kHz #VBW 1.0 MHz Span 2.000 MHz Sweep 1.000 ms (1001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SOL</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>1</td><td>f</td><td>2.478990 GHz</td><td>7.73 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.480002 GHz</td><td>7.49 dBm</td><td></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> 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 </td></tr>	MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.440988 GHz	6.84 dBm				2	N	1	f	2.441984 GHz	6.83 dBm				3									4									5									6									7									8									9									10									11									High ch	Agilent Spectrum Analyzer - 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Time of Occupancy (Dwell Time)

BT_GFSK	
DH1	Agilent Spectrum Analyzer - Swept SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE INT ALIGN AUTO 07:53:13 PM Aug 11, 2026 TRAC 1 3 4 5 6 7 8 9 10 11 TYPE DMAN MAN DET P 1 2 3 4 5 6 7 8 9 10 11 PN0: Fast IF Gain: Low Trig: Video #Atten: 30 dB Ref Offset: 0.9 dB Ref: 20.00 dBm ΔMkr3 1.250 ms 2.82 dB 10 dB/div Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 1Δ2 3Δ4 Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 8.333 ms (1001 pts) Span 0 Hz MIR MODE TRC SOL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 Δ2 1 t (Δ) 408.3 μs (Δ) 2.96 dB 2 F 1 t 1.217 ms -56.48 dBm 3 Δ4 1 t (Δ) 1.250 ms (Δ) 2.82 dB 4 F 1 t 1.217 ms -56.48 dBm MSG (STATUS) Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz
DH3	Agilent Spectrum Analyzer - Swept SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE INT ALIGN AUTO 07:54:56 PM Aug 11, 2026 TRAC 1 3 4 5 6 7 8 9 10 11 TYPE DMAN MAN DET P 1 2 3 4 5 6 7 8 9 10 11 PN0: Fast IF Gain: Low Trig: Video #Atten: 30 dB Ref Offset: 0.9 dB Ref: 20.00 dBm ΔMkr3 2.500 ms -0.44 dB 10 dB/div Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 1Δ2 3Δ4 Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 10.00 ms (1001 pts) Span 0 Hz MIR MODE TRC SOL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 Δ2 1 t (Δ) 1.660 ms (Δ) 1.25 dB 2 F 1 t 2.460 ms -55.12 dBm 3 Δ4 1 t (Δ) 2.500 ms (Δ) -0.44 dB 4 F 1 t 2.460 ms -55.12 dBm MSG (STATUS) Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz
DH5	Agilent Spectrum Analyzer - Swept SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE INT ALIGN AUTO 07:55:40 PM Aug 11, 2026 TRAC 1 3 4 5 6 7 8 9 10 11 TYPE DMAN MAN DET P 1 2 3 4 5 6 7 8 9 10 11 PN0: Fast IF Gain: Low Trig: Video #Atten: 30 dB Ref Offset: 0.9 dB Ref: 20.00 dBm ΔMkr3 3.760 ms -1.31 dB 10 dB/div Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 1Δ2 3Δ4 Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 20.00 ms (1001 pts) Span 0 Hz MIR MODE TRC SOL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 Δ2 1 t (Δ) 2.940 ms (Δ) 0.09 dB 2 F 1 t 3.660 ms -53.69 dBm 3 Δ4 1 t (Δ) 3.760 ms (Δ) -1.31 dB 4 F 1 t 3.660 ms -53.69 dBm MSG (STATUS) Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz

BT_8DPSK																																														
3DH1	Agilent Spectrum Analyzer - Sweep SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE BVT ALIGN AUTO 07:25:24 PM Aug 11, 2026 PRNO: Fast IF Gain: Low Trig: Video #Atten: 30 dB Avg Type: Log-Pwr TRACE 1 3 4 5 6 7 8 9 10 11 TYPE 0000000000 DET P 10000000 Ref Offset 0.8 dB Ref 20.00 dBm ΔMkr3 1.250 ms 3.20 dB  Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 8.333 ms (1001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SOL</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>1</td><td>t</td><td>(Δ)</td><td>408.3 μs</td><td>(Δ)</td><td></td><td>-0.94 dB</td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>1.217 ms</td><td></td><td></td><td>-54.57 dBm</td></tr><tr><td>3</td><td>Δ4</td><td>1</td><td>t</td><td>(Δ)</td><td>1.250 ms</td><td>(Δ)</td><td></td><td>3.20 dB</td></tr><tr><td>4</td><td>F</td><td>1</td><td>t</td><td></td><td>1.217 ms</td><td></td><td></td><td>-54.57 dBm</td></tr></table> MSG STATUS Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	1	t	(Δ)	408.3 μs	(Δ)		-0.94 dB	2	F	1	t		1.217 ms			-54.57 dBm	3	Δ4	1	t	(Δ)	1.250 ms	(Δ)		3.20 dB	4	F	1	t		1.217 ms			-54.57 dBm
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3DH3	Agilent Spectrum Analyzer - Sweep SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE BVT ALIGN AUTO 07:26:26 PM Aug 11, 2026 PRNO: Fast IF Gain: Low Trig: Video #Atten: 30 dB Avg Type: Log-Pwr TRACE 1 3 4 5 6 7 8 9 10 11 TYPE 0000000000 DET P 10000000 Ref Offset 0.8 dB Ref 20.00 dBm ΔMkr3 2.500 ms 1.50 dB  Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 10.00 ms (1001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SOL</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>1</td><td>t</td><td>(Δ)</td><td>1.670 ms</td><td>(Δ)</td><td></td><td>1.45 dB</td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>2.460 ms</td><td></td><td></td><td>-55.36 dBm</td></tr><tr><td>3</td><td>Δ4</td><td>1</td><td>t</td><td>(Δ)</td><td>2.500 ms</td><td>(Δ)</td><td></td><td>1.50 dB</td></tr><tr><td>4</td><td>F</td><td>1</td><td>t</td><td></td><td>2.460 ms</td><td></td><td></td><td>-55.36 dBm</td></tr></table> MSG STATUS Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	1	t	(Δ)	1.670 ms	(Δ)		1.45 dB	2	F	1	t		2.460 ms			-55.36 dBm	3	Δ4	1	t	(Δ)	2.500 ms	(Δ)		1.50 dB	4	F	1	t		2.460 ms			-55.36 dBm
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3DH5	Agilent Spectrum Analyzer - Sweep SA 1 2 3 4 5 6 7 8 9 10 11 REF 100 Q AC SENSE BVT ALIGN AUTO 07:26:56 PM Aug 11, 2026 PRNO: Fast IF Gain: Low Trig: Video #Atten: 30 dB Avg Type: Log-Pwr TRACE 1 3 4 5 6 7 8 9 10 11 TYPE 0000000000 DET P 10000000 Ref Offset 0.8 dB Ref 20.00 dBm ΔMkr3 3.760 ms 0.13 dB  Center 2.402000000 GHz Res BW 1.0 MHz #VBW 1.0 MHz Sweep 20.00 ms (1001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SOL</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>1</td><td>t</td><td>(Δ)</td><td>2.940 ms</td><td>(Δ)</td><td></td><td>-0.23 dB</td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>3.660 ms</td><td></td><td></td><td>-53.46 dBm</td></tr><tr><td>3</td><td>Δ4</td><td>1</td><td>t</td><td>(Δ)</td><td>3.760 ms</td><td>(Δ)</td><td></td><td>0.13 dB</td></tr><tr><td>4</td><td>F</td><td>1</td><td>t</td><td></td><td>3.660 ms</td><td></td><td></td><td>-53.46 dBm</td></tr></table> MSG STATUS Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz	MKR	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	Δ2	1	t	(Δ)	2.940 ms	(Δ)		-0.23 dB	2	F	1	t		3.660 ms			-53.46 dBm	3	Δ4	1	t	(Δ)	3.760 ms	(Δ)		0.13 dB	4	F	1	t		3.660 ms			-53.46 dBm
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