

## Appendix G: Test Data for E-UTRA Band 7

**Product Name: Tablet**

**Trade Mark: N/A**

**Test Model: HyTab Pro 10LA2**

### Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	54.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

## G.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.40	22.02	PASS
		1	12	23.49	22.24	PASS
		1	24	23.14	22.22	PASS
		12	0	22.35	21.30	PASS
		12	6	22.42	21.48	PASS
		12	13	22.26	21.44	PASS
		25	0	22.24	21.39	PASS
	MCH	1	0	23.75	22.73	PASS
		1	12	24.15	23.04	PASS
		1	24	24.10	22.82	PASS
		12	0	23.01	22.00	PASS
		12	6	23.09	21.97	PASS
		12	13	22.97	21.99	PASS
		25	0	23.01	22.18	PASS
	HCH	1	0	23.55	22.76	PASS
		1	12	23.79	23.10	PASS
		1	24	23.45	22.79	PASS
		12	0	22.97	21.91	PASS
		12	6	22.98	22.12	PASS
		12	13	23.04	22.07	PASS
		25	0	23.06	22.07	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.31	22.65	PASS
		1	24	24.17	22.99	PASS
		1	49	23.24	22.65	PASS
		25	0	22.41	21.38	PASS
		25	12	22.48	21.47	PASS
		25	25	22.44	21.43	PASS
		50	0	22.37	21.62	PASS
	MCH	1	0	23.66	22.89	PASS
		1	24	24.32	23.67	PASS
		1	49	23.72	23.06	PASS
		25	0	23.06	21.95	PASS
		25	12	23.22	22.20	PASS
		25	25	23.09	22.12	PASS
		50	0	23.11	22.30	PASS
	HCH	1	0	23.13	22.60	PASS
		1	24	23.76	23.26	PASS
		1	49	22.81	22.33	PASS
		25	0	22.83	21.73	PASS
		25	12	23.11	22.00	PASS
		25	25	23.00	22.03	PASS
		50	0	22.96	21.85	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.32	22.75	PASS
		1	37	23.69	23.41	PASS
		1	74	23.59	23.04	PASS
		37	0	22.43	21.32	PASS
		37	18	22.51	21.47	PASS
		37	38	22.49	21.55	PASS
		75	0	22.50	21.46	PASS
	MCH	1	0	23.92	23.25	PASS
		1	37	24.13	23.50	PASS
		1	74	23.95	23.34	PASS
		37	0	23.11	22.22	PASS
		37	18	23.22	22.32	PASS
		37	38	23.26	22.27	PASS
		75	0	23.19	22.23	PASS
	HCH	1	0	22.97	22.21	PASS
		1	37	23.67	22.98	PASS
		1	74	22.86	22.17	PASS
		37	0	22.91	21.97	PASS
		37	18	22.97	22.04	PASS
		37	38	22.98	21.99	PASS
		75	0	22.97	21.89	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.12	22.28	PASS
		1	49	23.27	22.42	PASS
		1	99	23.61	22.11	PASS
		50	0	22.48	21.61	PASS
		50	25	22.67	21.83	PASS
		50	50	22.89	21.88	PASS
		100	0	22.67	21.63	PASS
	MCH	1	0	23.97	22.83	PASS
		1	49	24.32	22.99	PASS
		1	99	24.03	23.02	PASS
		50	0	23.06	22.17	PASS
		50	25	23.21	22.36	PASS
		50	50	23.22	22.41	PASS
		100	0	23.32	22.29	PASS
	HCH	1	0	23.20	22.38	PASS
		1	49	24.10	23.12	PASS
		1	99	22.77	21.97	PASS
		50	0	22.99	22.02	PASS
		50	25	22.98	22.05	PASS
		50	50	22.92	21.93	PASS
		100	0	22.97	21.96	PASS

**G.2 Peak-to-Average Ratio**

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.14	<13	PASS
	MCH	5.09	<13	PASS
	HCH	4.5	<13	PASS
16QAM	LCH	6.03	<13	PASS
	MCH	5.84	<13	PASS
	HCH	5.21	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.02	<13	PASS
	MCH	5.17	<13	PASS
	HCH	4.71	<13	PASS
16QAM	LCH	6.47	<13	PASS
	MCH	5.92	<13	PASS
	HCH	5.48	<13	PASS

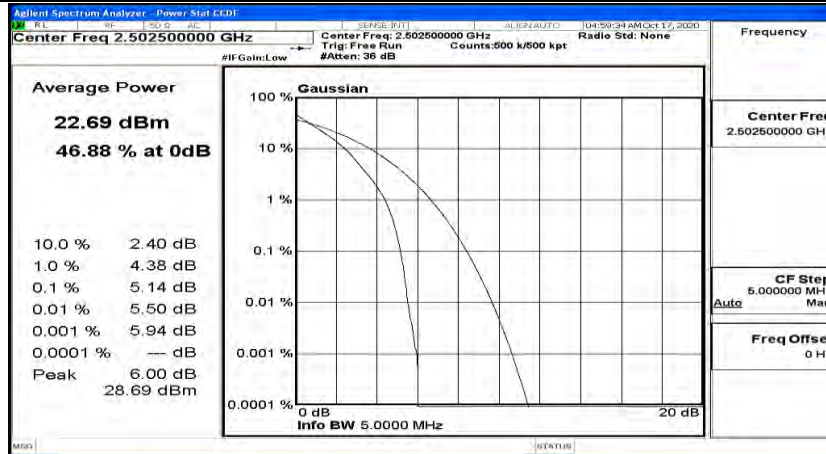
**Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.9	<13	PASS
	MCH	4.97	<13	PASS
	HCH	4.93	<13	PASS
16QAM	LCH	6.11	<13	PASS
	MCH	6.15	<13	PASS
	HCH	6.13	<13	PASS

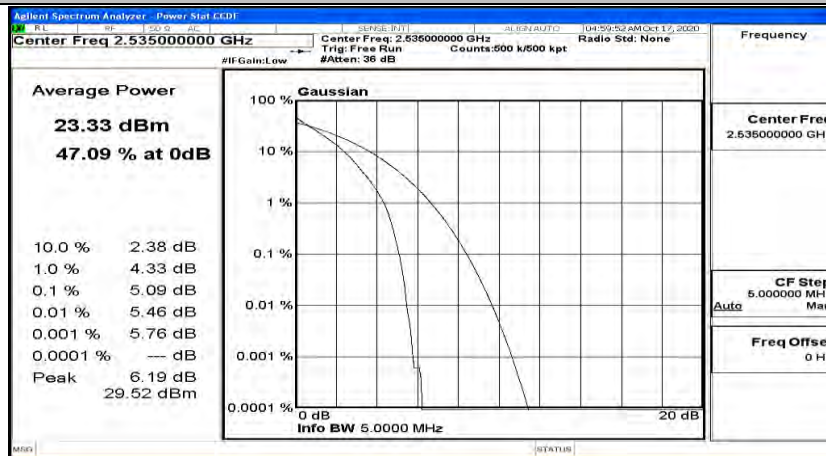
**Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.72	<13	PASS
	MCH	5.79	<13	PASS
	HCH	11.64	<13	PASS
16QAM	LCH	6.67	<13	PASS
	MCH	6.69	<13	PASS
	HCH	6.73	<13	PASS

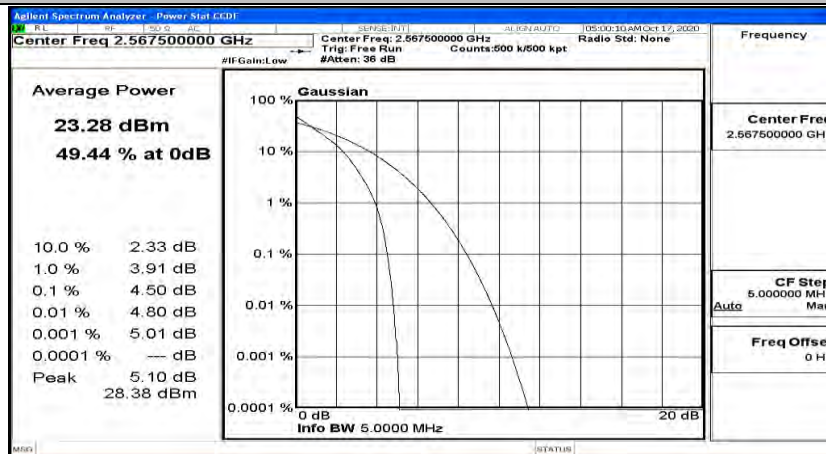
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK

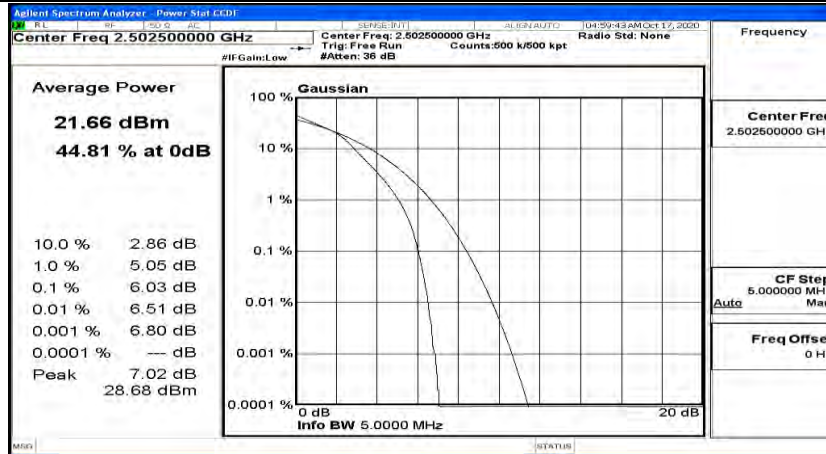


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK

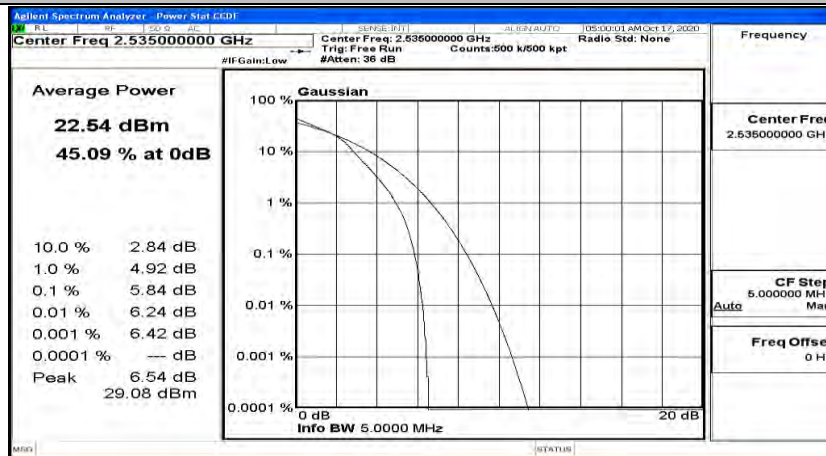




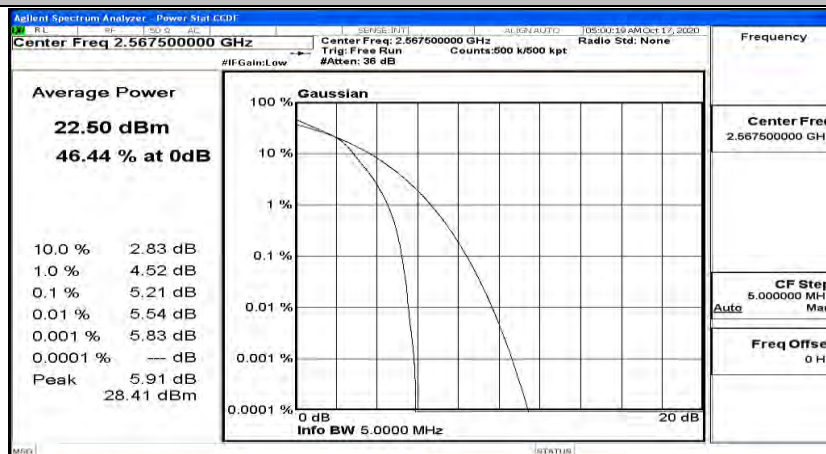
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



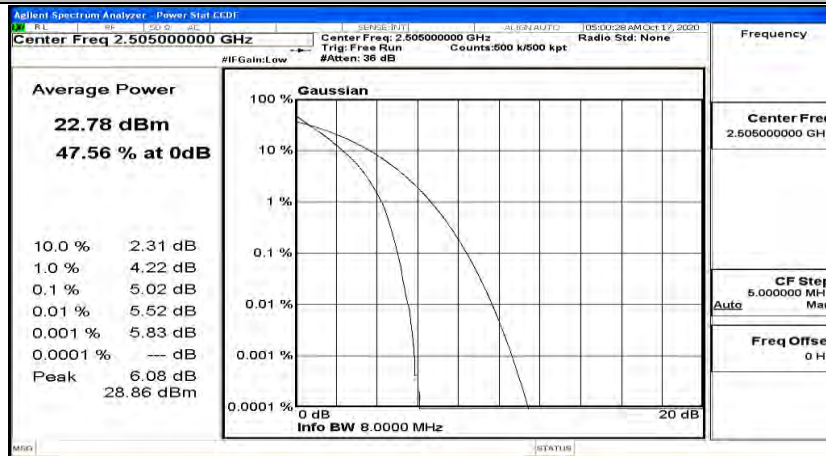
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



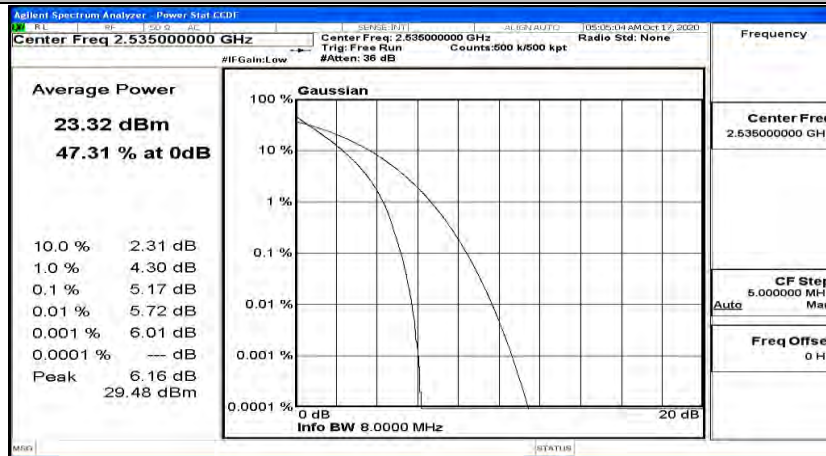
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



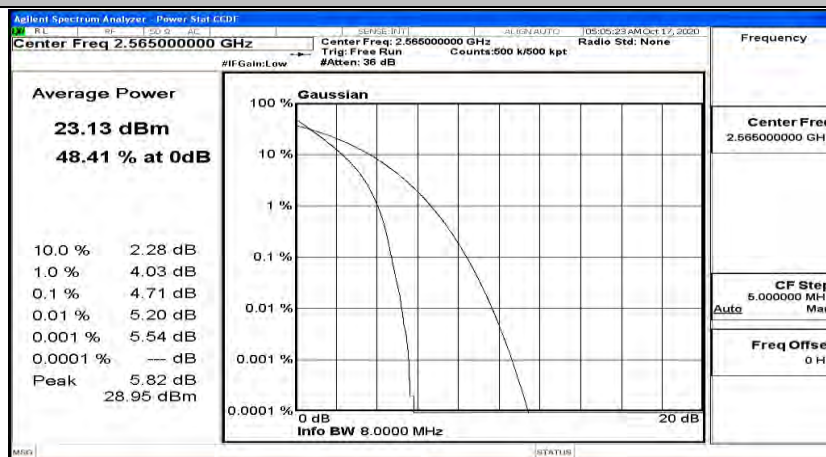
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) \_LCH\_QPSK



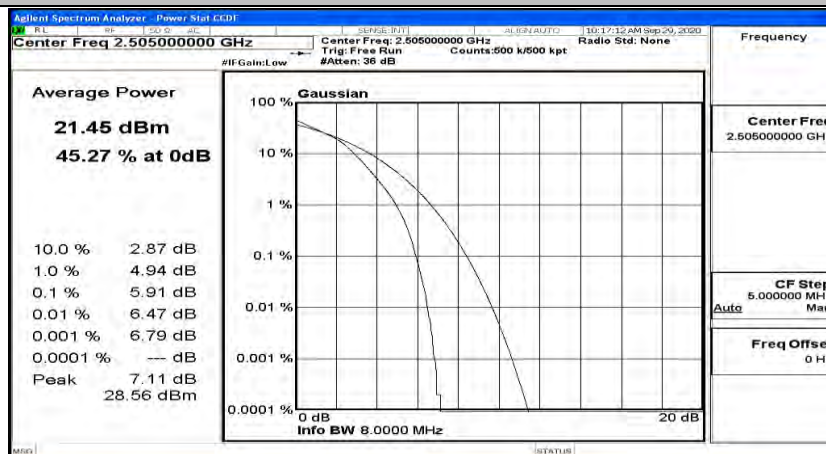
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



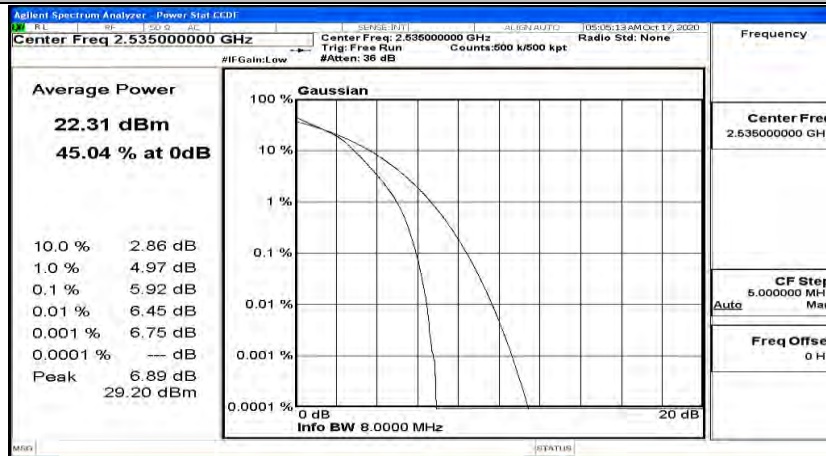
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



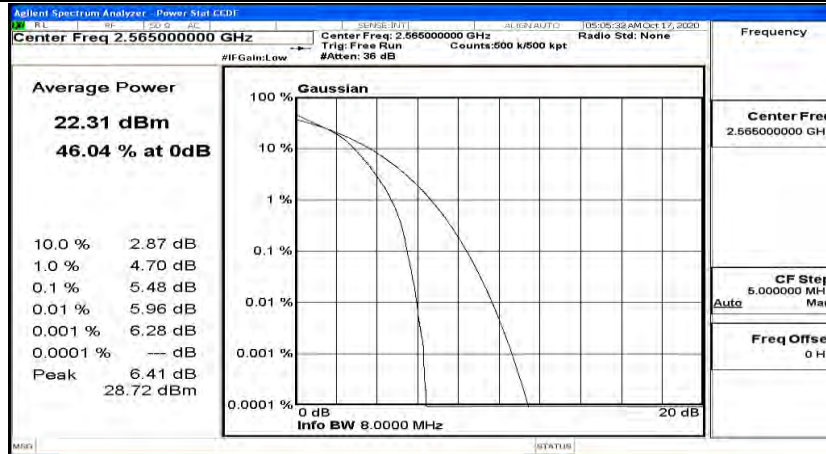
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



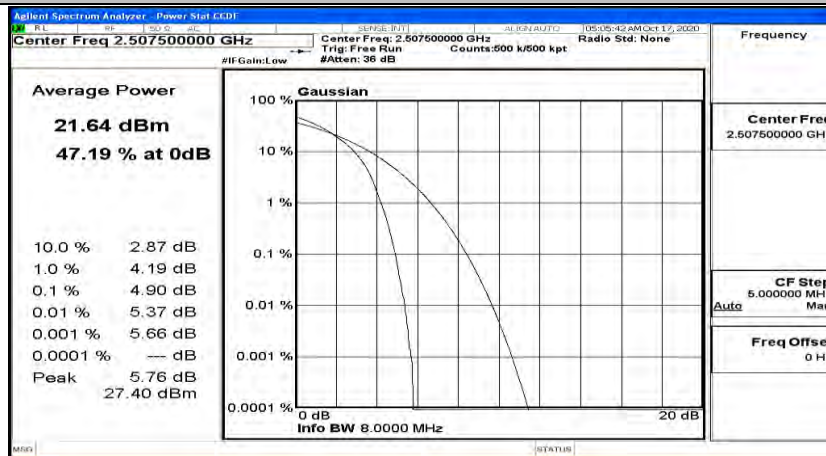
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



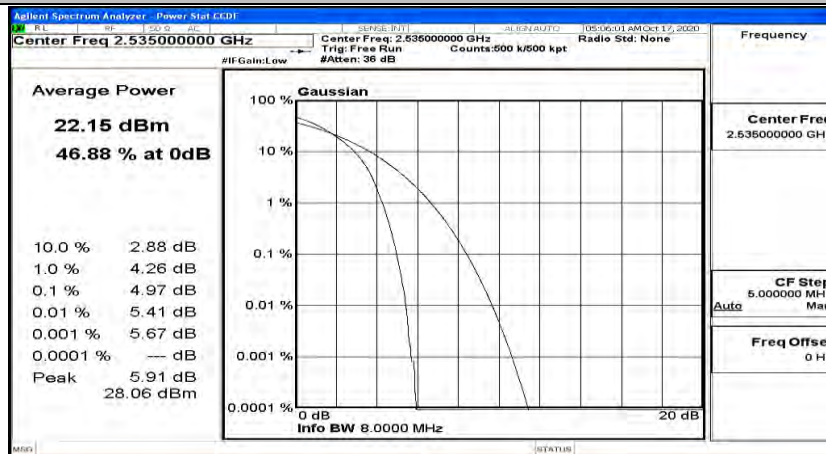
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK

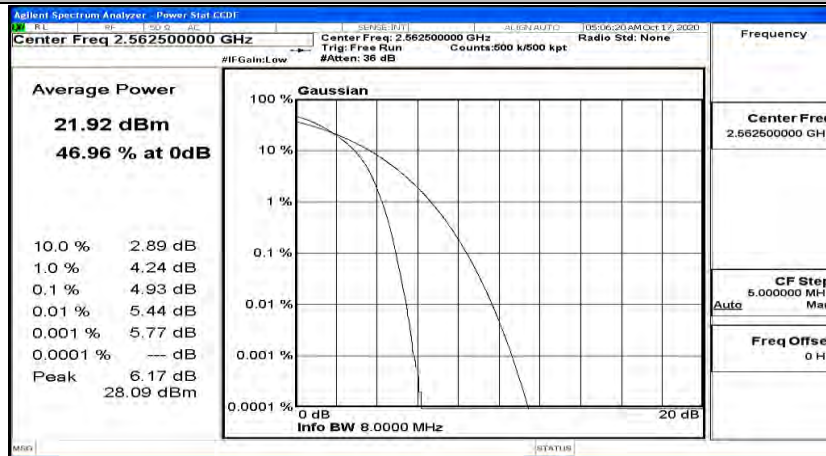


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK

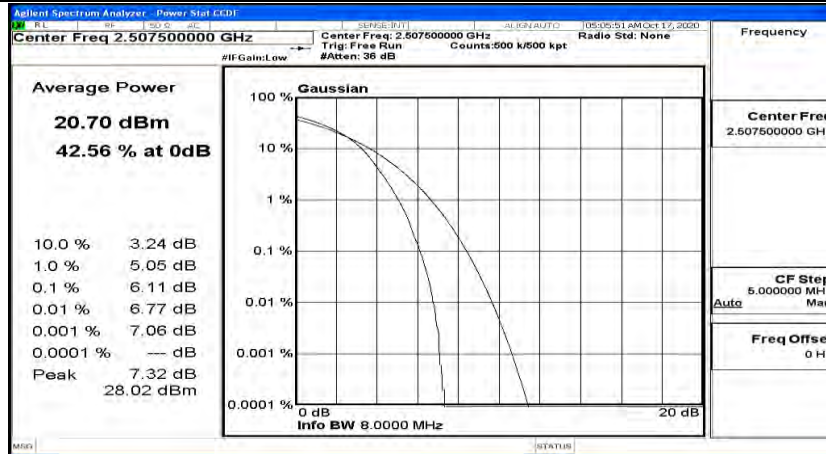




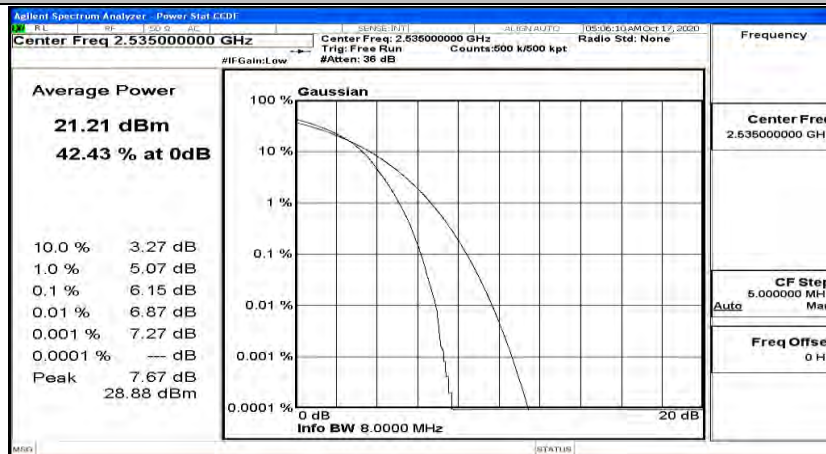
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



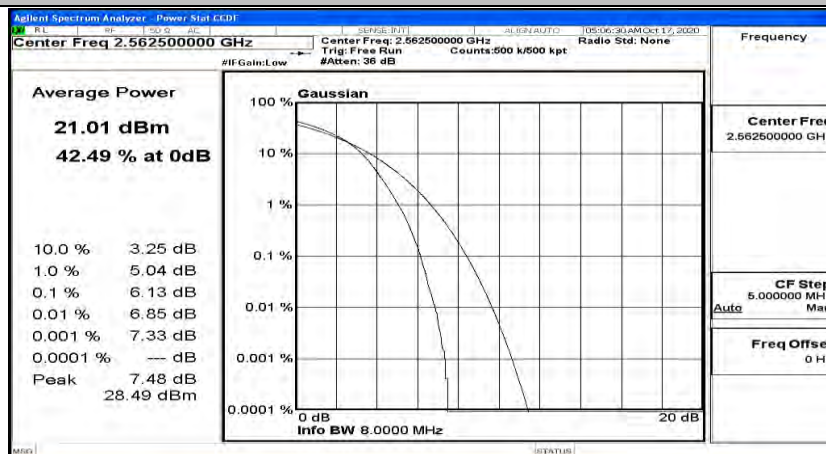
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



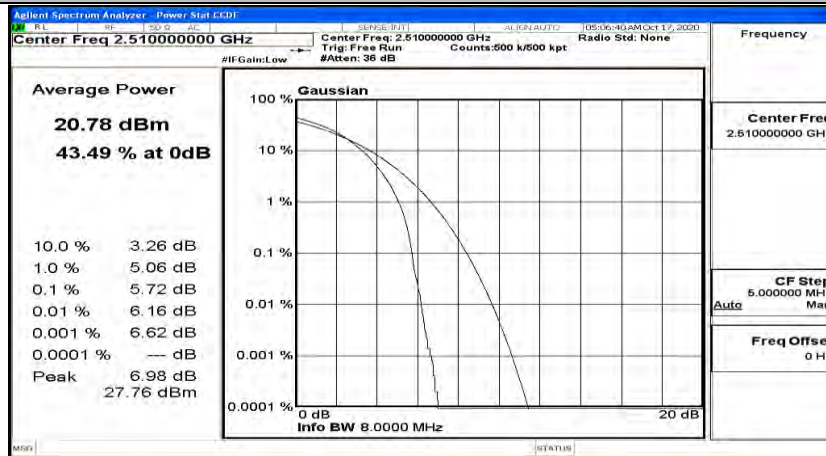
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



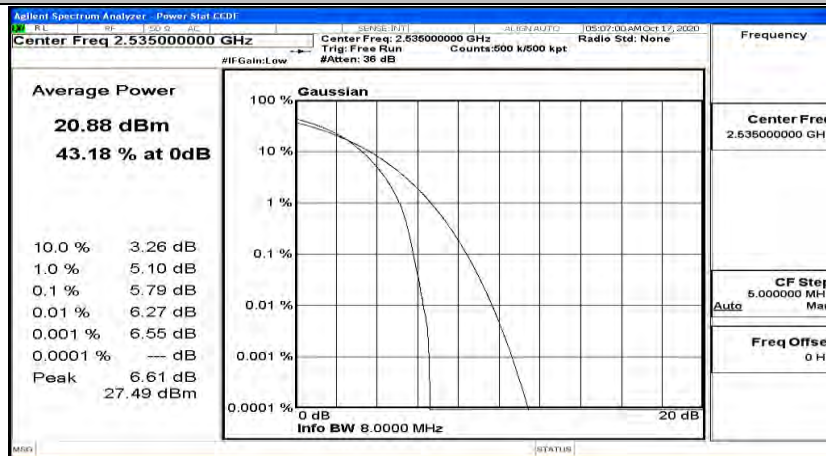
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



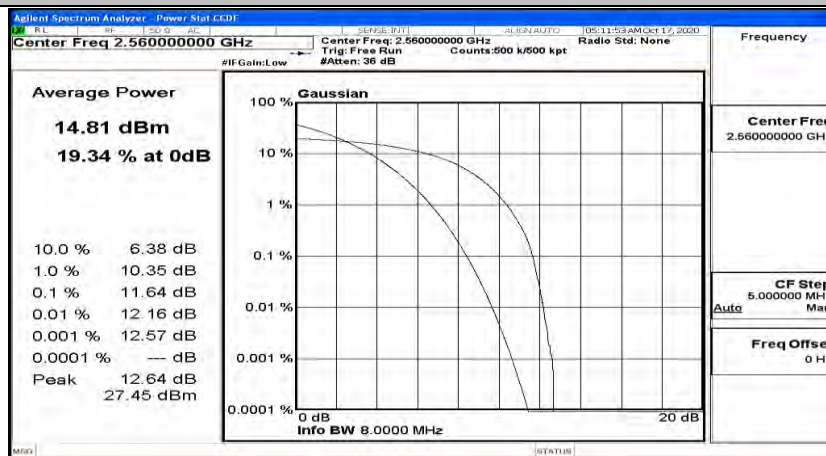
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK

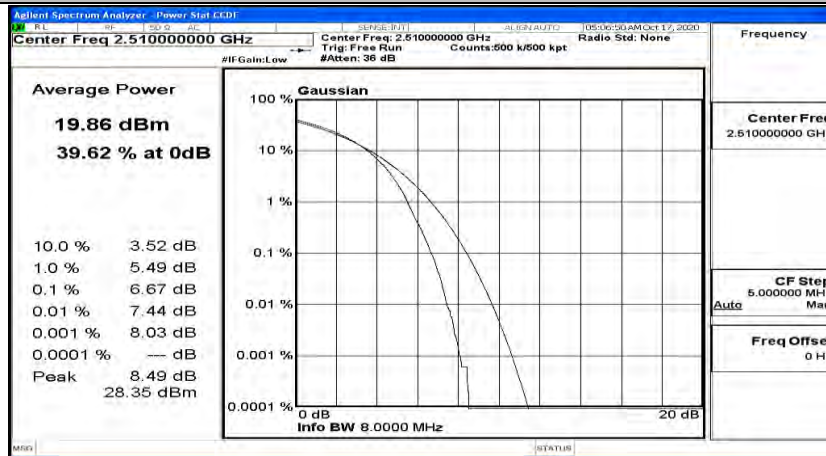


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK

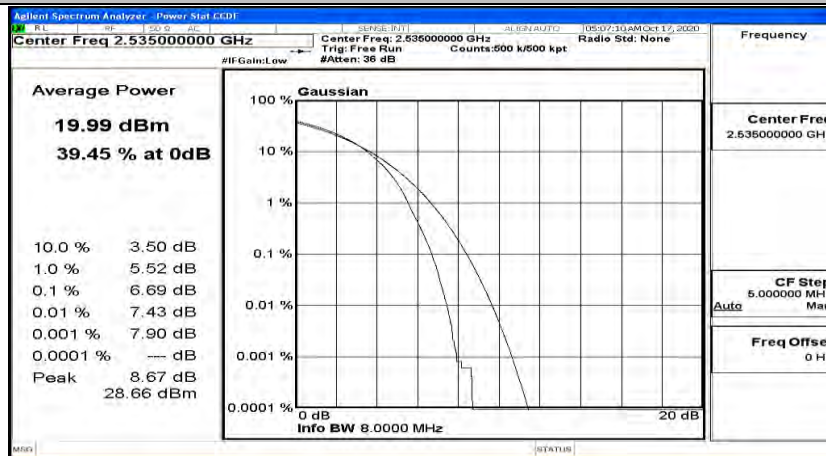




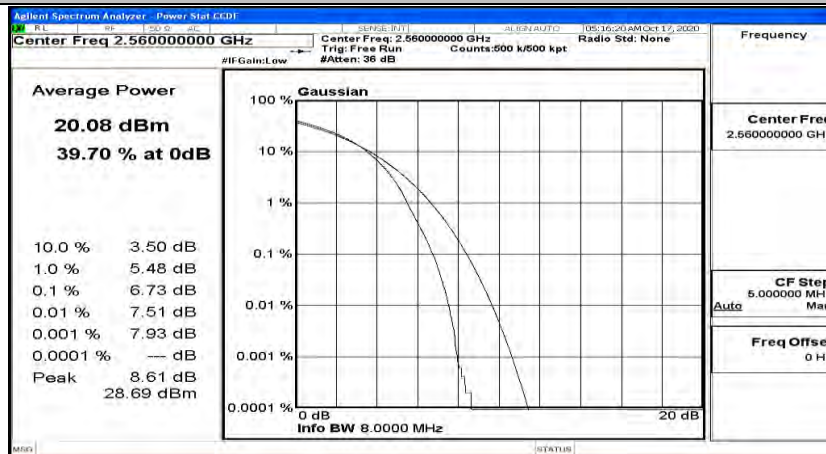
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_16QAM



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



**G.3 26dB Bandwidth and Occupied Bandwidth**

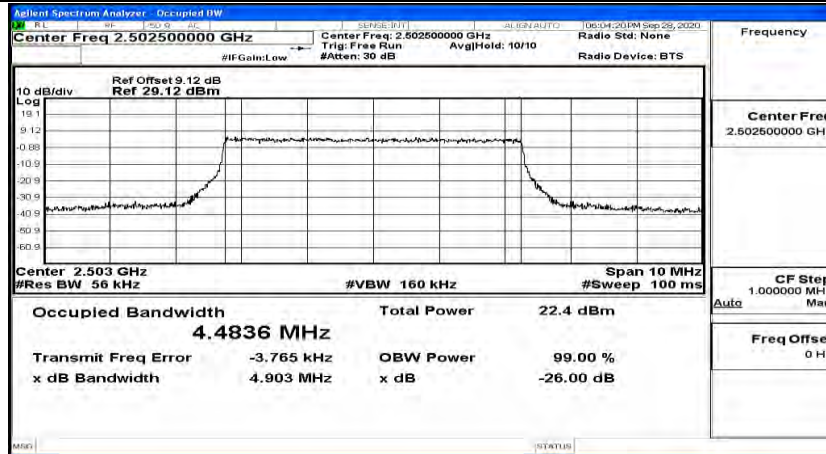
<b>EBW &amp; OBW Test Result (Channel Bandwidth: 5 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4836	4.903	PASS
	MCH	4.4683	4.811	PASS
	HCH	4.4716	4.848	PASS
16QAM	LCH	4.4711	4.822	PASS
	MCH	4.4774	4.784	PASS
	HCH	4.4712	4.769	PASS

<b>EBW &amp; OBW Test Result (Channel Bandwidth: 10 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9214	9.386	PASS
	MCH	8.9099	9.384	PASS
	HCH	8.9173	9.459	PASS
16QAM	LCH	8.9241	9.403	PASS
	MCH	8.9411	9.403	PASS
	HCH	8.9141	9.421	PASS

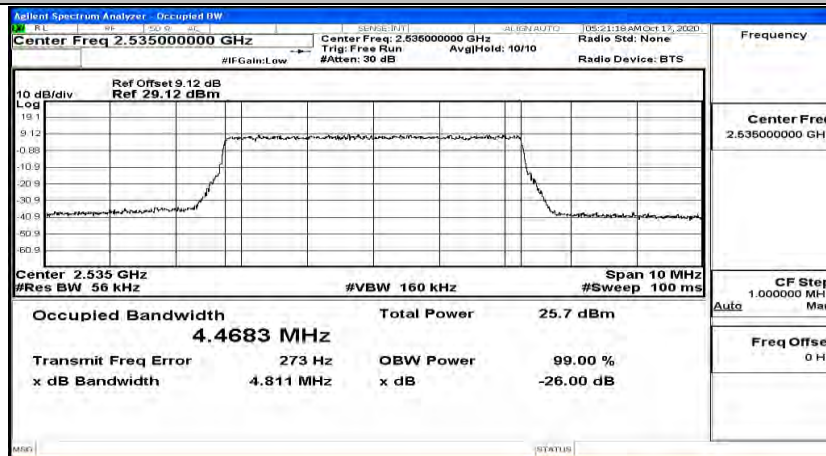
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.374	14.06	PASS
	MCH	13.387	14.02	PASS
	HCH	13.360	14.04	PASS
16QAM	LCH	13.364	13.98	PASS
	MCH	13.397	14.05	PASS
	HCH	13.363	14.02	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.801	18.53	PASS
	MCH	17.864	18.57	PASS
	HCH	17.850	18.54	PASS
16QAM	LCH	17.821	18.56	PASS
	MCH	17.836	18.64	PASS
	HCH	17.819	18.55	PASS

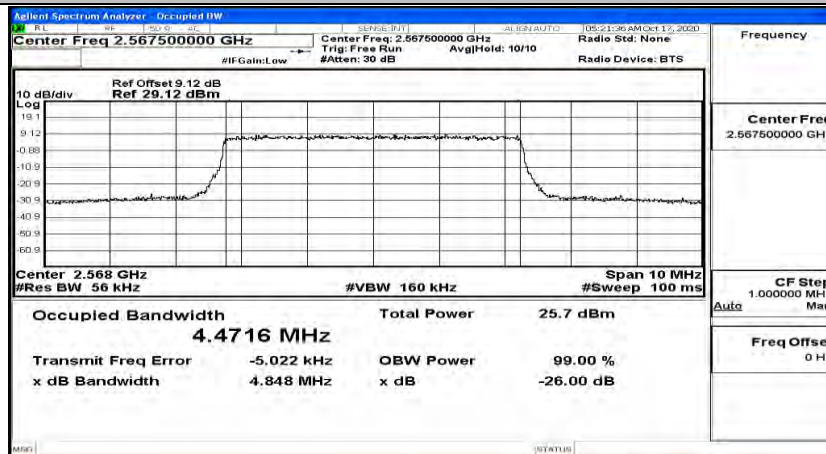
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



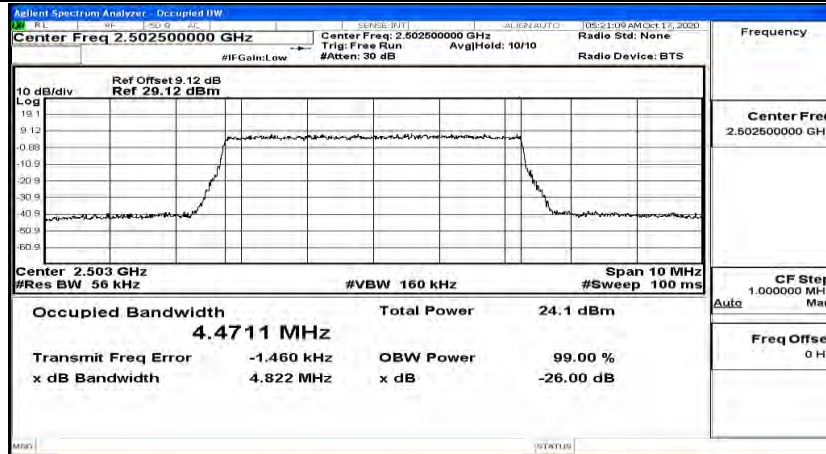
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



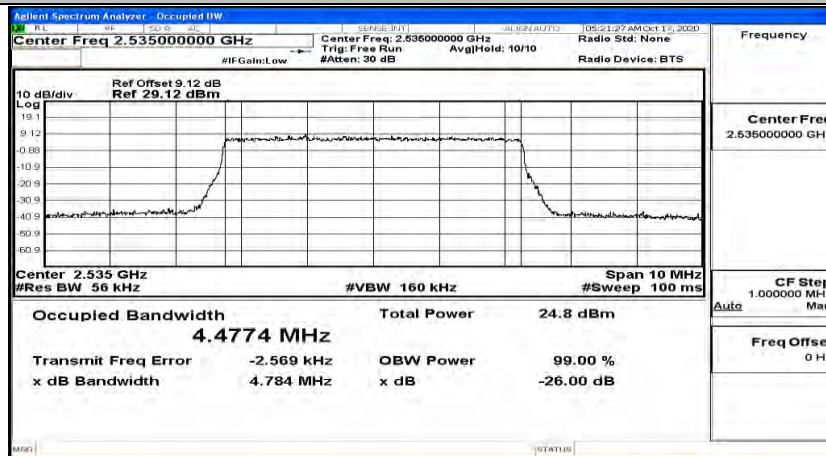
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



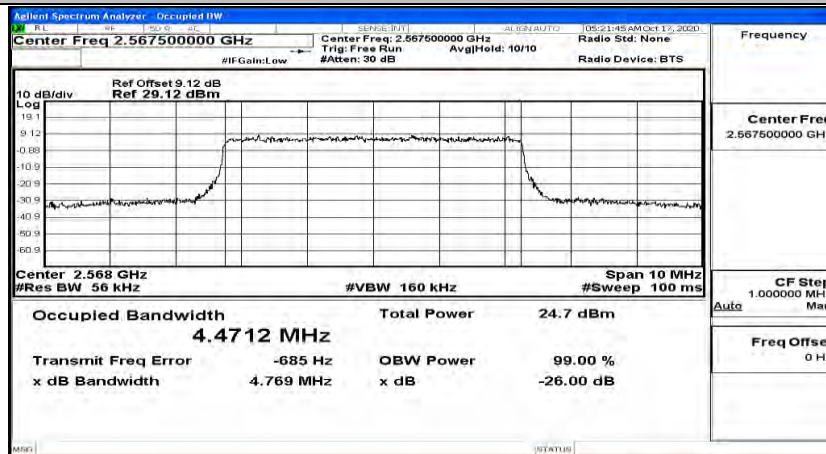
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM





Ref: Full Spectrum Analyzer - Occupied BW

Center Freq 2.505000000 GHz

Center Freq: 2.505000000 GHz  
 Trig: Free Run  
 #Aver: 30 dB

Radio Std: None  
 Radio Device: BTS

Frequency

Center Freq  
 2.505000000 GHz

The plot shows a spectrum with a signal centered at 2.505 GHz. The y-axis is labeled '10 dB/div' and 'Log'. The x-axis is labeled 'Center 2.505 GHz' and '#Res BW 110 kHz'. The signal is a flat-topped pulse. The peak level is 8.9214 MHz. The occupied bandwidth is 9.386 MHz. The total power is 24.5 dBm. The sweep is 100 ms. The span is 20 MHz. The CF step is 2.000000 MHz. The transmit frequency error is 5.825 kHz. The OBW power is 99.00 %.

Occupied Bandwidth

8.9214 MHz

Transmit Freq Error

5.825 kHz

OBW Power

99.00 %

x dB Bandwidth

9.386 MHz

x dB

-26.00 dB

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.535000000 GHz

Ref Offset 9.12 dB  
Ref 29.12 dBm

10 dB/div

Log

19.1

9.12

0.00

10.0

20.9

30.9

40.9

50.9

60.9

Center 2.535 GHz

#Res BW 110 kHz

#VBW 330 kHz

Span 20 MHz

#Sweep 100 ms

Occupied Bandwidth

8.9099 MHz

Transmit Freq Error

3.612 kHz

OBW Power

99.00 %

x dB Bandwidth

9.384 MHz

x dB

-26.00 dB

Center Freq 2.535000000 GHz

CF Step 2.000000 MHz

Man

Freq Offset 0 Hz

Helix Spectrum Analyzer - Occupied BW

Center Freq 2.565000000 GHz

Ref Offset 9.12 dB  
Ref 29.12 dBm

10 dB/div

Log

19.1  
9.12  
-0.88  
-10.0  
-20.9  
-30.9  
-40.9  
-50.9  
-60.9

Center Freq: 2.565000000 GHz  
Trig: Free Run  
#Asten: 30 dB

Span 20 MHz  
#Sweep 100 ms

Occupied Bandwidth

8.9173 MHz

Transmit Freq Error

1.082 kHz

OBW Power

99.00 %

x dB Bandwidth

9.459 MHz

-26.00 dB

Frequency

Center Freq  
2.565000000 GHz

CF Step  
2.000000 MHz  
Man

Freq Offset  
0 Hz

Reflected Spectrum Analyzer - Occupied BW

Center Freq 2.505000000 GHz

Center Freq: 2.505000000 GHz  
 Trig: Free Run  
 #FGain: Low  
 #IFGain: Low  
 #SFGain: P11  
 AvgHeld: 10/10  
 Radio Std: None  
 Radio Device: BTS

Frequency

Center Freq  
2.505000000 GHz

The spectrum plot shows a signal centered at 2.505 GHz. The y-axis is labeled '10 dB/div' and 'Ref Offset 9.12 dB', with a scale from -60.0 to 18.1 dBm. The x-axis is labeled 'Ref 29.12 dBm'. The signal is a flat-topped pulse with a bandwidth of approximately 330 kHz. The plot is titled 'Occupied Bandwidth' and shows a signal level of 23.5 dBm.

Center 2.505 GHz  
 #Res BW 110 kHz  
 #VBW 330 kHz  
 Span 20 MHz  
 #Sweep 100 ms

Occupied Bandwidth

8.9241 MHz

Transmit Freq Error -4.208 kHz  
 x dB Bandwidth 9.403 MHz

Total Power 23.5 dBm  
 OBW Power x dB -26.00 dB

CF Step 2.000000 MHz  
 Auto Man

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.535000000 GHz

Center Freq: 2.535000000 GHz

Trig: Free Run

Avg/Hold: 10/10

Radio Std: None

IF Gain: Low

#ATTen: 30 dB

Radio Device: BTS

Frequency

Center Freq 2.535000000 GHz

CF Step 2.000000 MHz

Man

Auto

Freq Offset 0 Hz

Occupied Bandwidth 8.9411 MHz

Transmit Freq Error -1.603 kHz

x dB Bandwidth 9.403 MHz

Total Power 24.1 dBm

OBW Power x dB

99.00 %

-26.00 dB

Span 20 MHz

#Sweep 100 ms

#Res BW 110 kHz

#VBW 330 kHz

Ref Offset 9.12 dB

Ref 29.12 dBm

10 dB/div

Log

19.1

9.12

0.00

10.0

20.0

30.0

40.0

50.0

60.0

70.0

80.0

90.0

100.0

110.0

120.0

130.0

140.0

150.0

160.0

170.0

180.0

190.0

200.0

210.0

220.0

230.0

240.0

250.0

260.0

270.0

280.0

290.0

300.0

310.0

320.0

330.0

340.0

350.0

360.0

370.0

380.0

390.0

400.0

410.0

420.0

430.0

440.0

450.0

460.0

470.0

480.0

490.0

500.0

510.0

520.0

530.0

540.0

550.0

560.0

570.0

580.0

590.0

600.0

610.0

620.0

630.0

640.0

650.0

660.0

670.0

680.0

690.0

700.0

710.0

720.0

730.0

740.0

750.0

760.0

770.0

780.0

790.0

800.0

810.0

820.0

830.0

840.0

850.0

860.0

870.0

880.0

890.0

900.0

910.0

920.0

930.0

940.0

950.0

960.0

970.0

980.0

990.0

1000.0

1010.0

1020.0

1030.0

1040.0

1050.0

1060.0

1070.0

1080.0

1090.0

1100.0

1110.0

1120.0

1130.0

1140.0

1150.0

1160.0

1170.0

1180.0

1190.0

1200.0

1210.0

1220.0

1230.0

1240.0

1250.0

1260.0

1270.0

1280.0

1290.0

1300.0

1310.0

1320.0

1330.0

1340.0

1350.0

1360.0

1370.0

1380.0

1390.0

1400.0

1410.0

1420.0

1430.0

1440.0

1450.0

1460.0

1470.0

1480.0

1490.0

1500.0

1510.0

1520.0

1530.0

1540.0

1550.0

1560.0

1570.0

1580.0

1590.0

1600.0

1610.0

1620.0

1630.0

1640.0

1650.0

1660.0

1670.0

1680.0

1690.0

1700.0

1710.0

1720.0

1730.0

1740.0

1750.0

1760.0

1770.0

1780.0

1790.0

1800.0

1810.0

1820.0

1830.0

1840.0

1850.0

1860.0

1870.0

1880.0

1890.0

1900.0

1910.0

1920.0

1930.0

1940.0

1950.0

1960.0

1970.0

1980.0

1990.0

2000.0

2010.0

2020.0

2030.0

2040.0

2050.0

2060.0

2070.0

2080.0

2090.0

2100.0

2110.0

2120.0

2130.0

2140.0

2150.0

2160.0

2170.0

2180.0

2190.0

2200.0

2210.0

2220.0

2230.0

2240.0

2250.0

2260.0

2270.0

2280.0

2290.0

2300.0

2310.0

2320.0

2330.0

2340.0

2350.0

2360.0

2370.0

2380.0

2390.0

2400.0

2410.0

2420.0

2430.0

2440.0

2450.0

2460.0

2470.0

2480.0

2490.0

2500.0

2510.0

2520.0

2530.0

2540.0

2550.0

2560.0

2570.0

2580.0

2590.0

2600.0

2610.0

2620.0

2630.0

2640.0

2650.0

2660.0

2670.0

2680.0

2690.0

2700.0

2710.0

2720.0

2730.0

2740.0

2750.0

2760.0

2770.0

2780.0

2790.0

2800.0

2810.0

2820.0

2830.0

2840.0

2850.0

2860.0

2870.0

2880.0

2890.0

2900.0

2910.0

2920.0

2930.0

2940.0

2950.0

2960.0

2970.0

2980.0

2990.0

3000.0

3010.0

3020.0

3030.0

3040.0

3050.0

30

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.565000000 GHz

Ref Offset 9.12 dB  
Ref 29.12 dBm

10 dB/div  
Log

Center Freq: 2.565000000 GHz  
Trig: Free Run  
Avg/Hold: 10/10  
Radio Std: None  
Radio Device: BTS

Center Freq 2.565000000 GHz

CF Step 2.000000 MHz  
Man

Auto

Occupied Bandwidth

8.9141 MHz

Transmit Freq Error -6.308 kHz

x dB Bandwidth 9.421 MHz

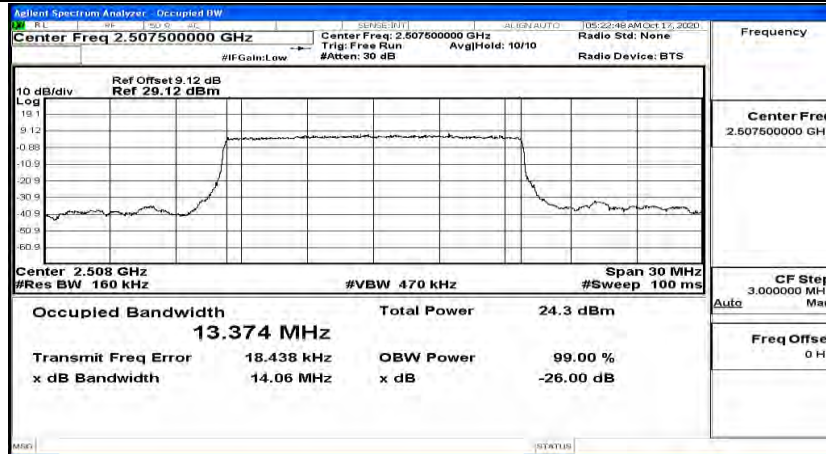
Total Power 24.3 dBm

OBW Power x dB -26.00 dB

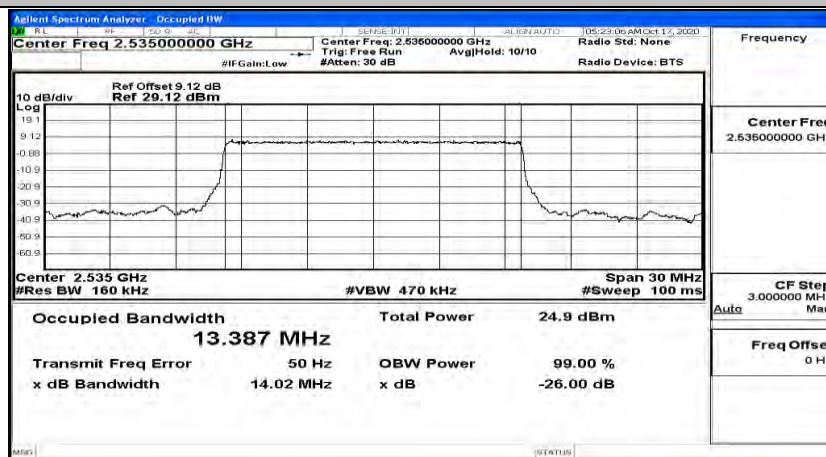
Span 20 MHz  
#Sweep 100 ms

Freq Offset 0 Hz

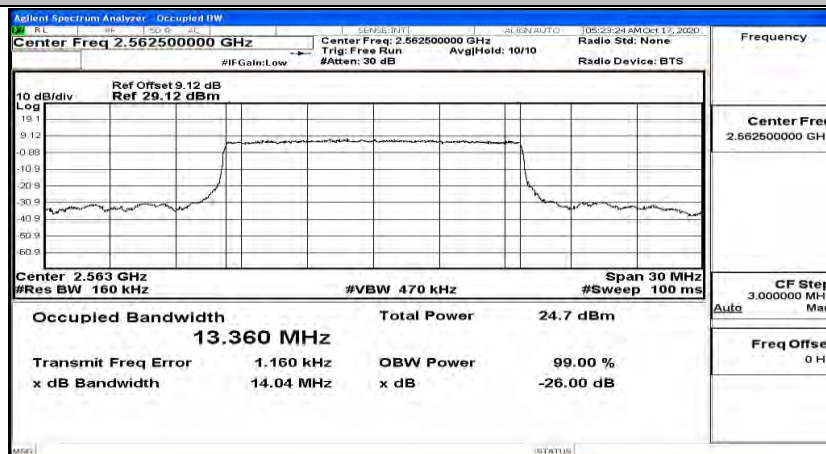
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK

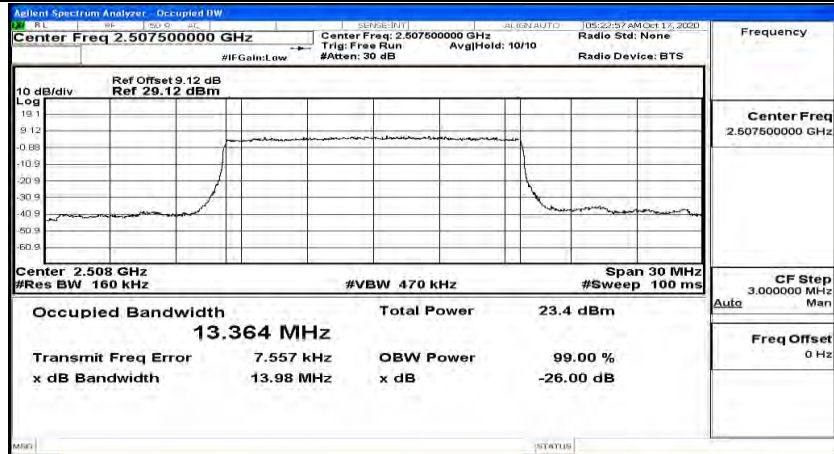


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK

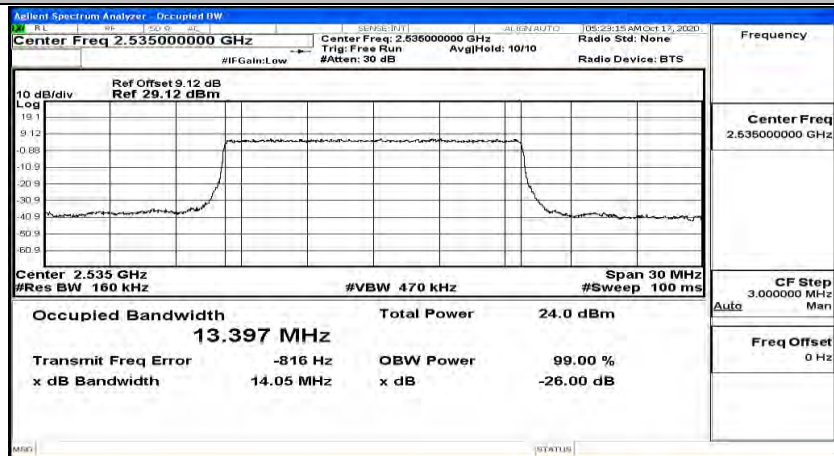




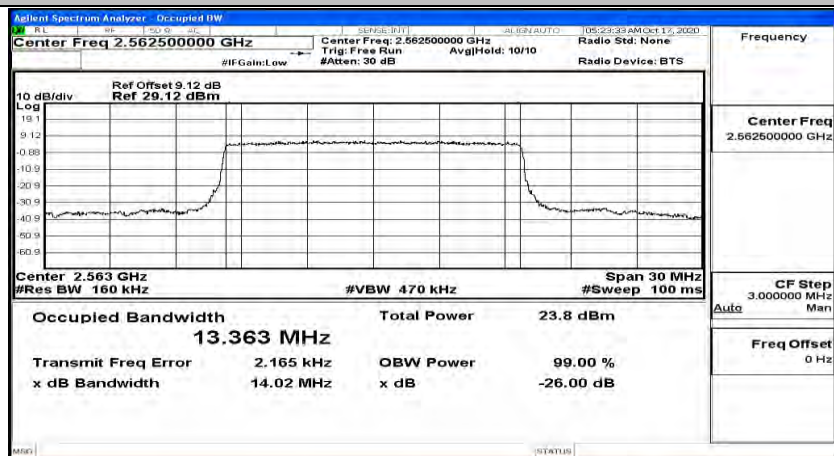
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



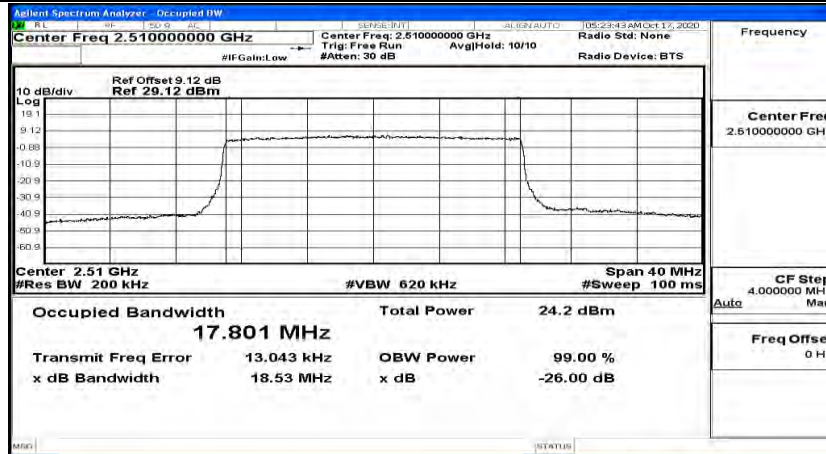
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



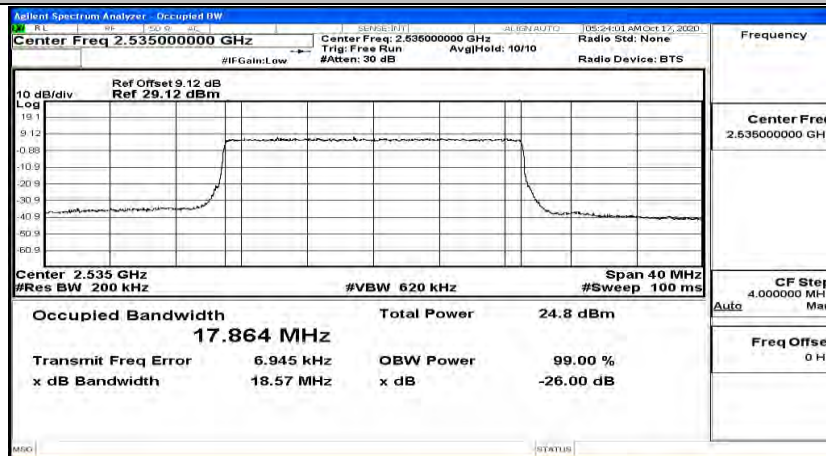
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



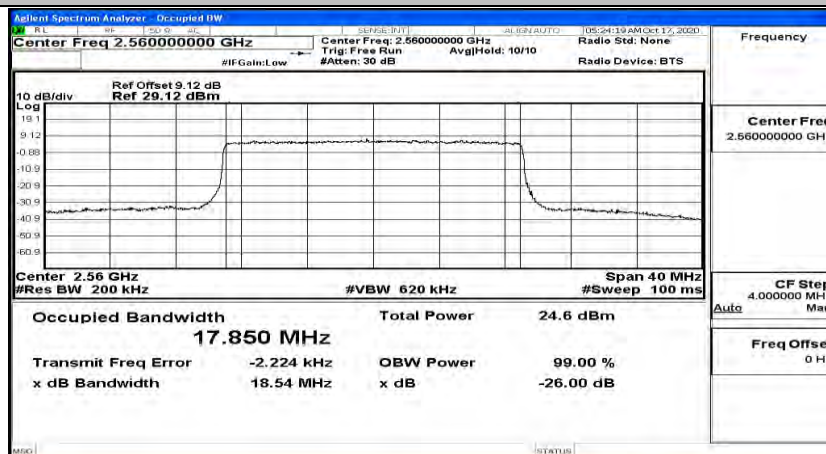
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



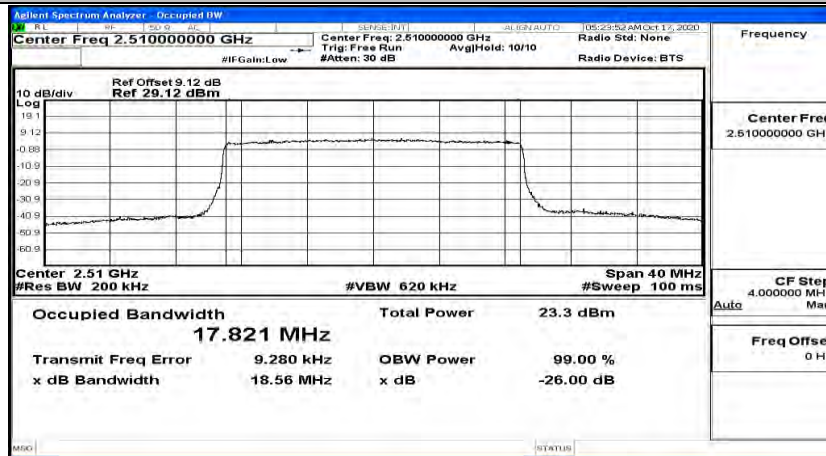
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



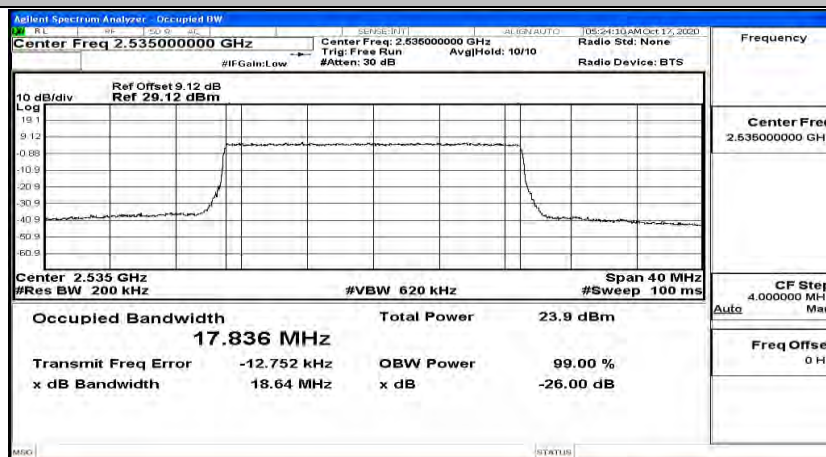
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



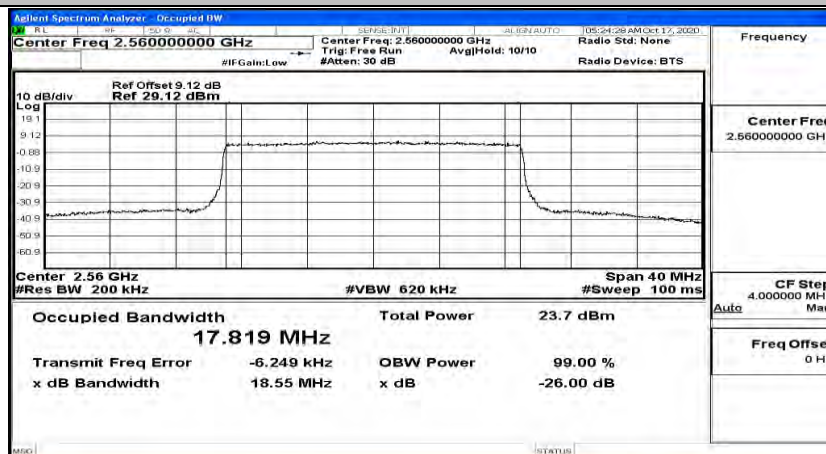
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_16QAM

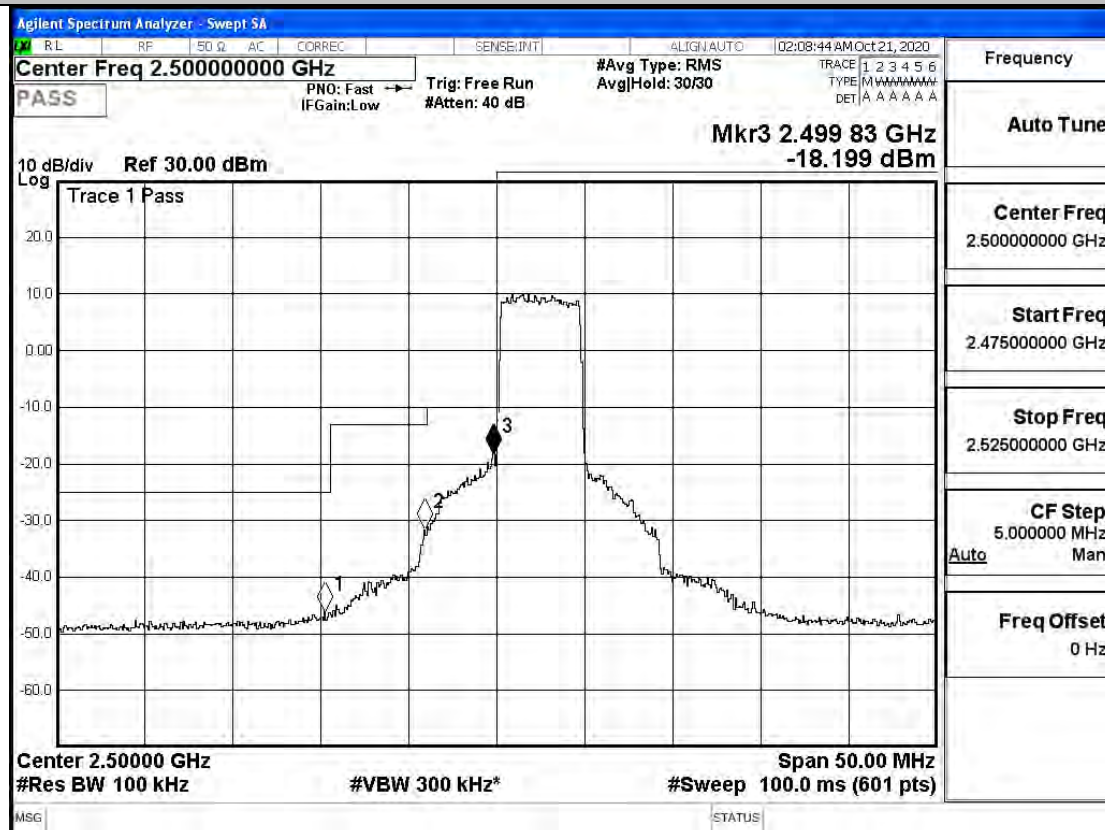


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



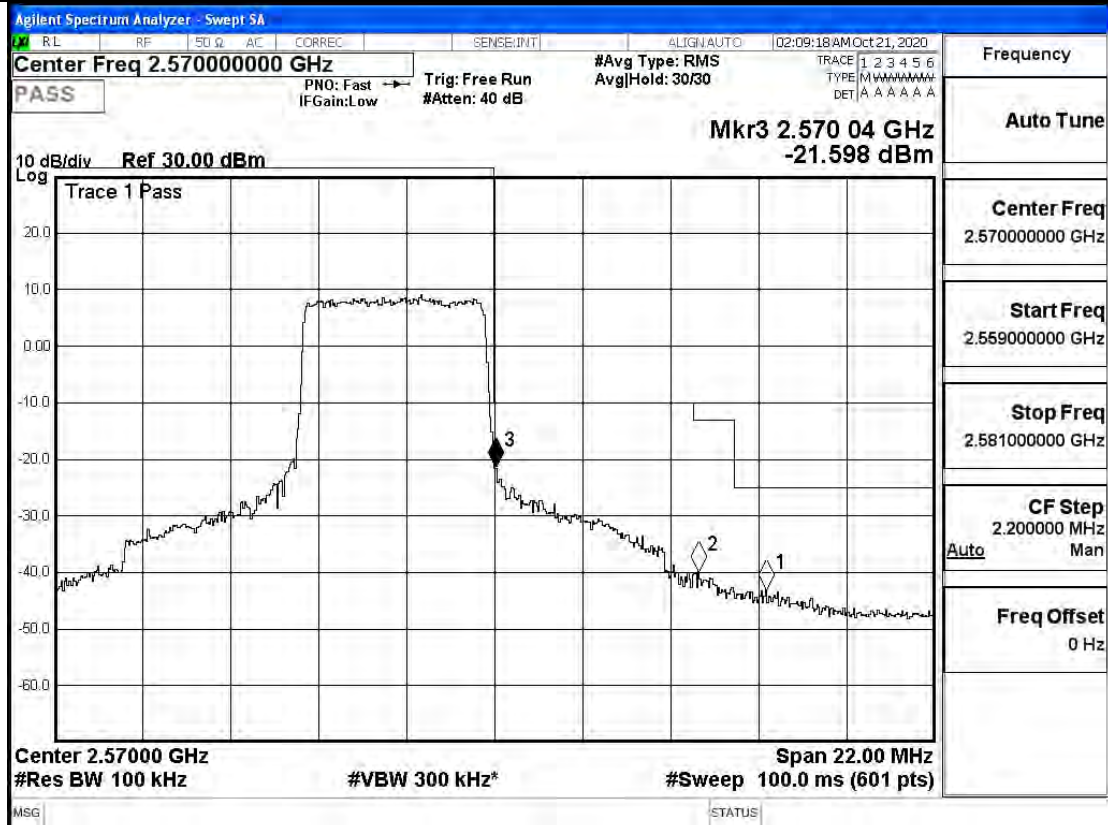
## G.4 Band Edge

Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK

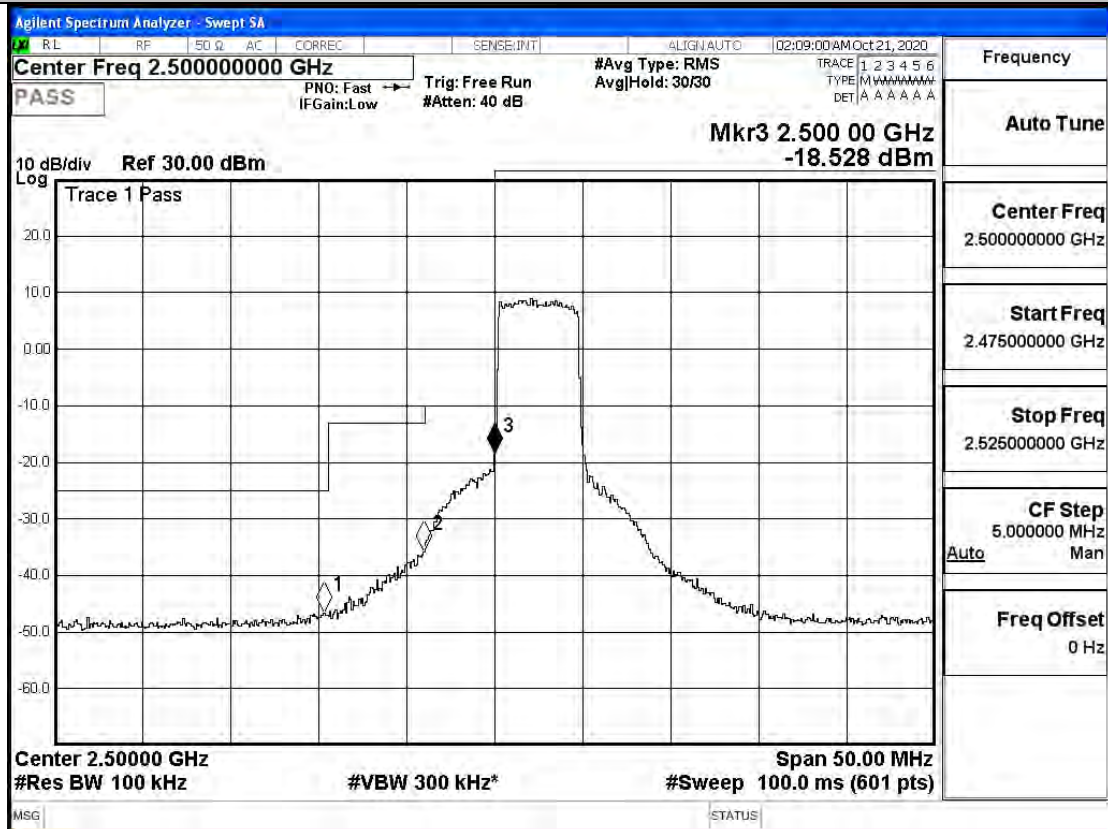




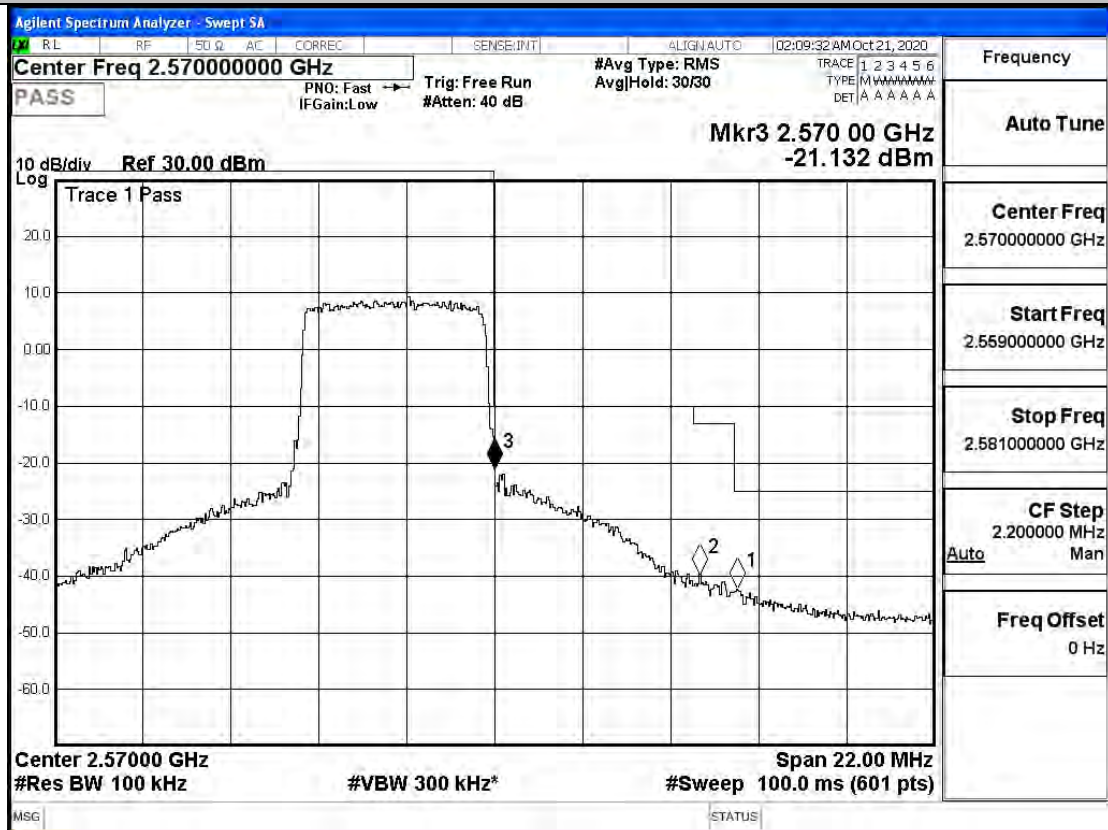
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



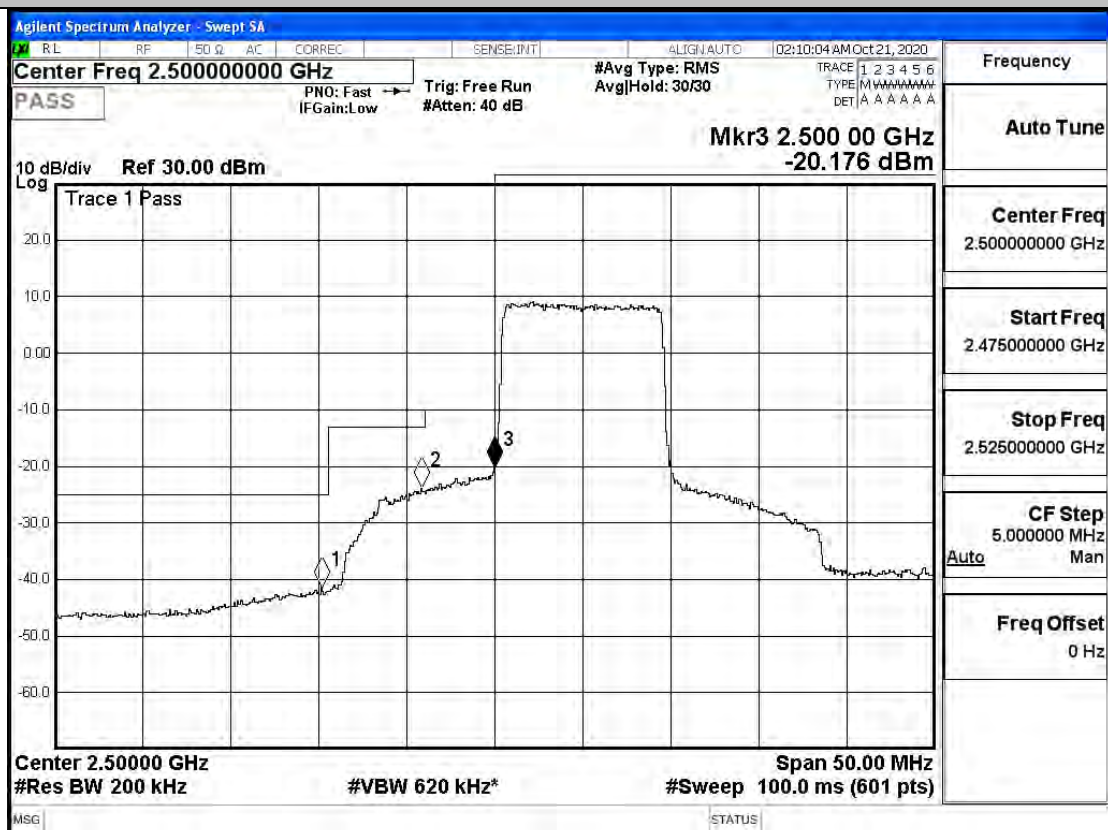
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



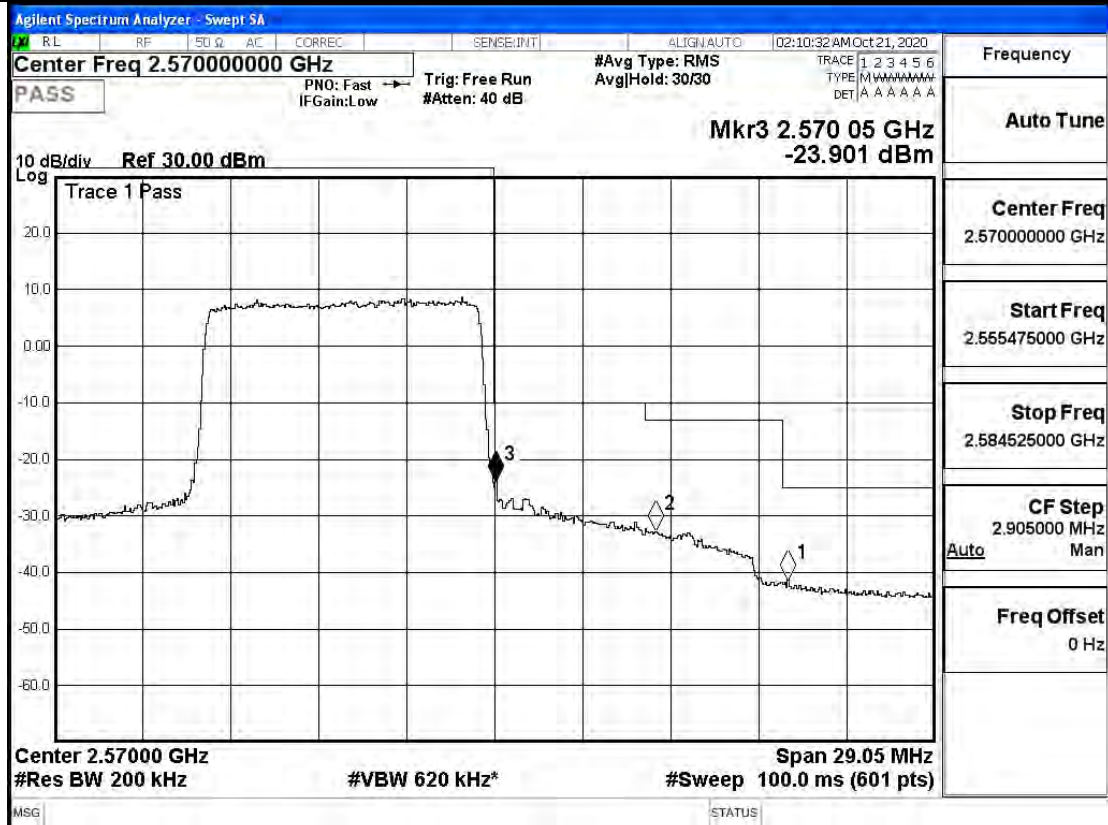
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



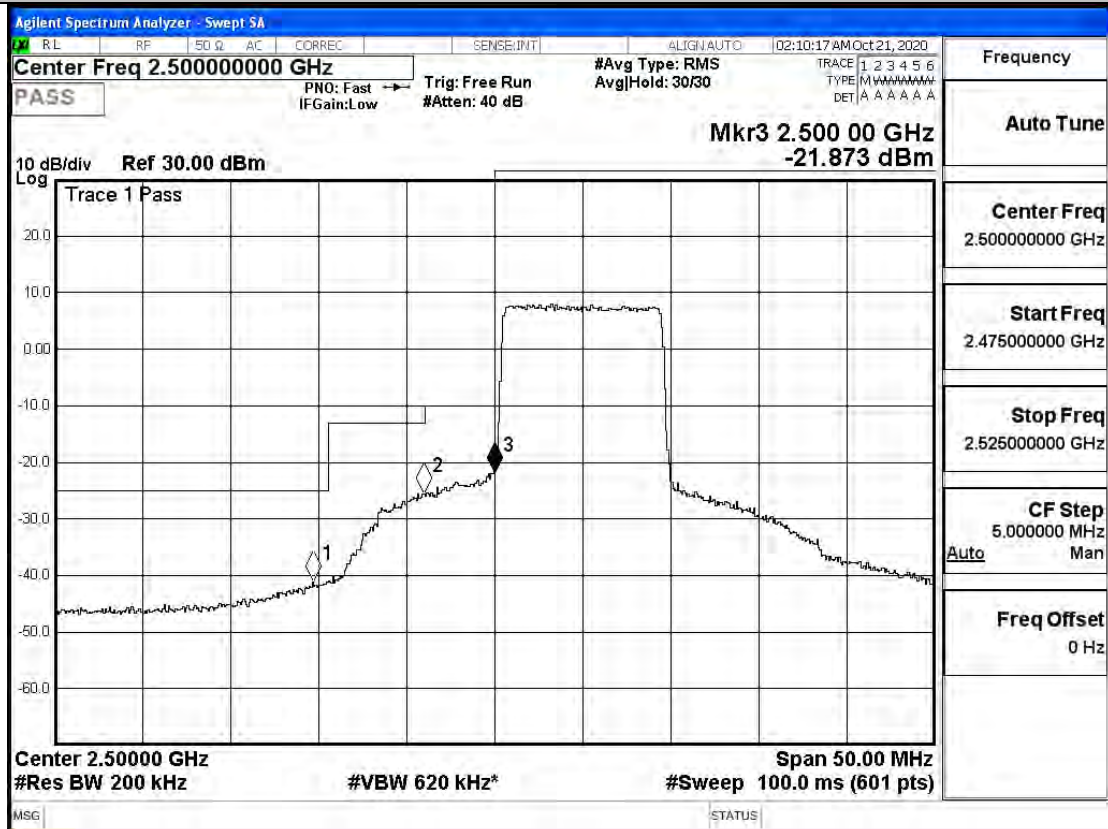
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK

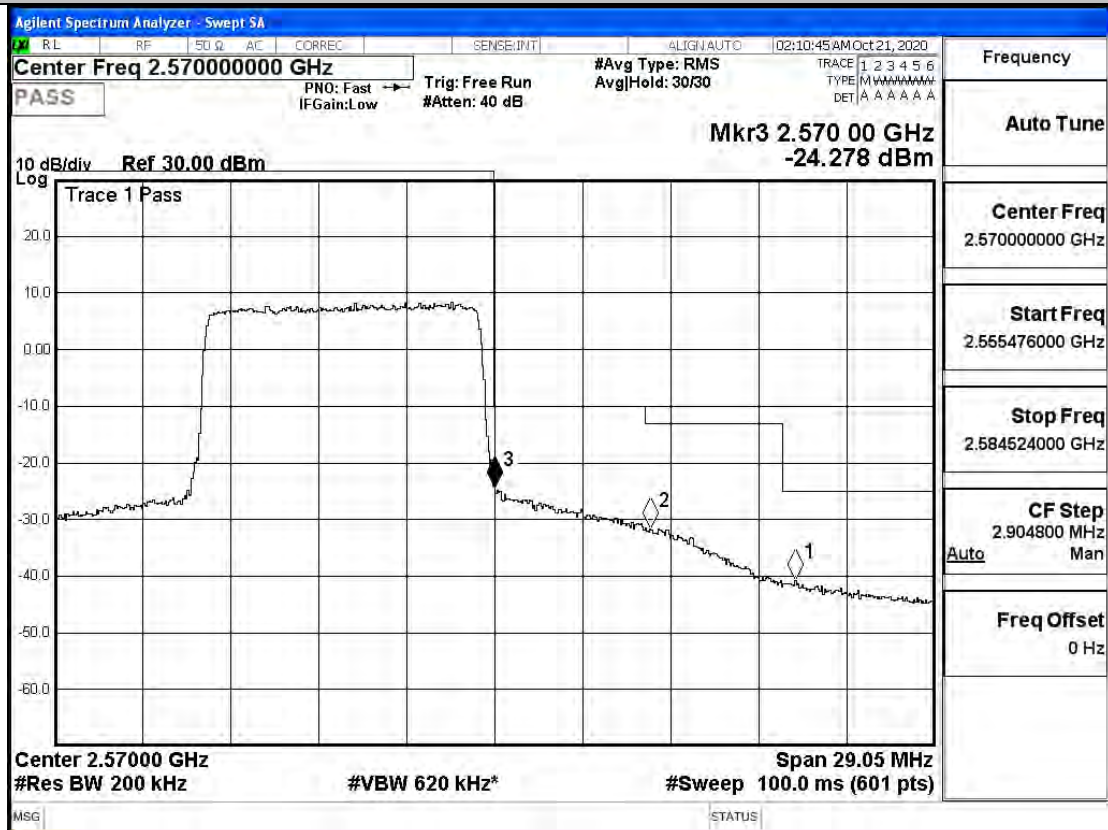


## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM





## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

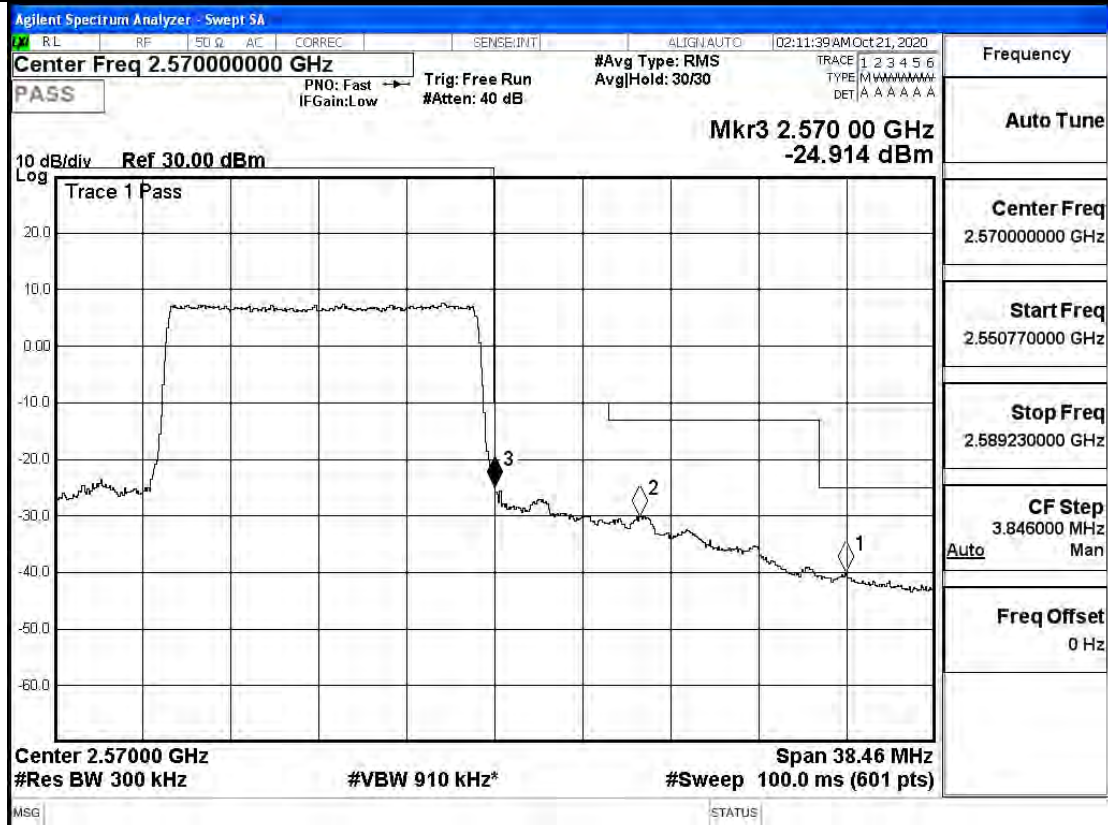


## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK

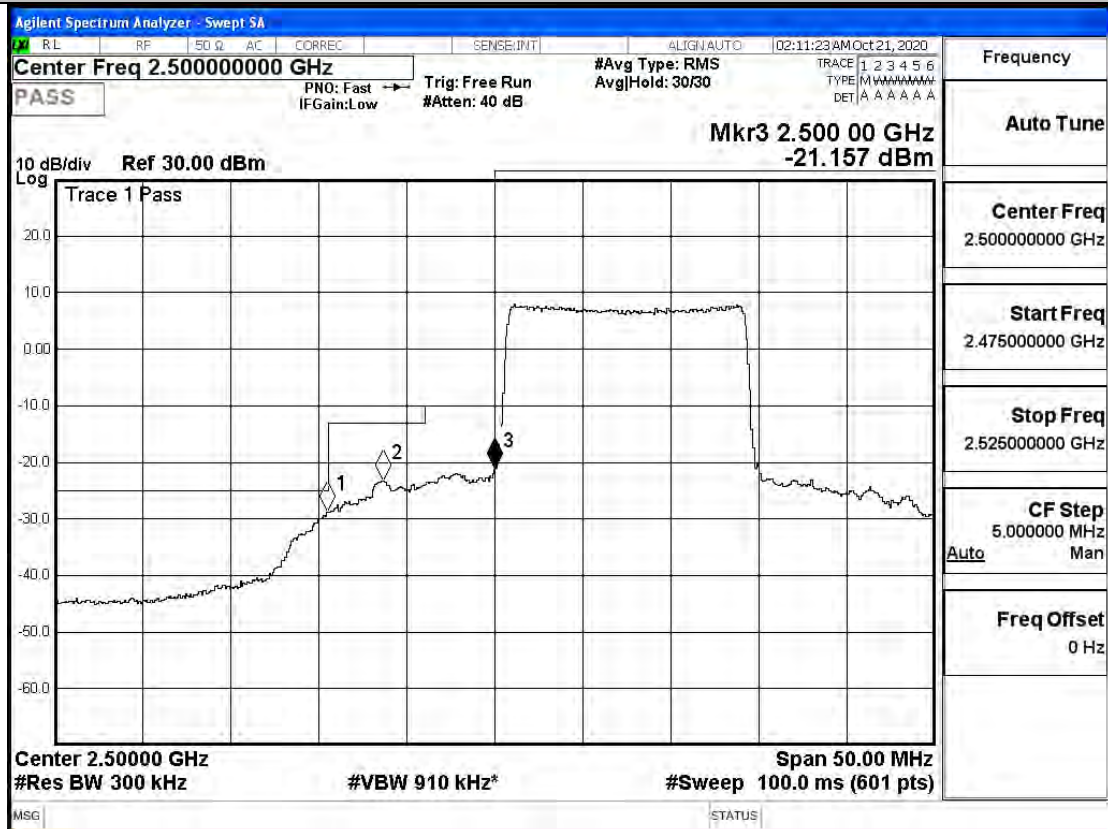




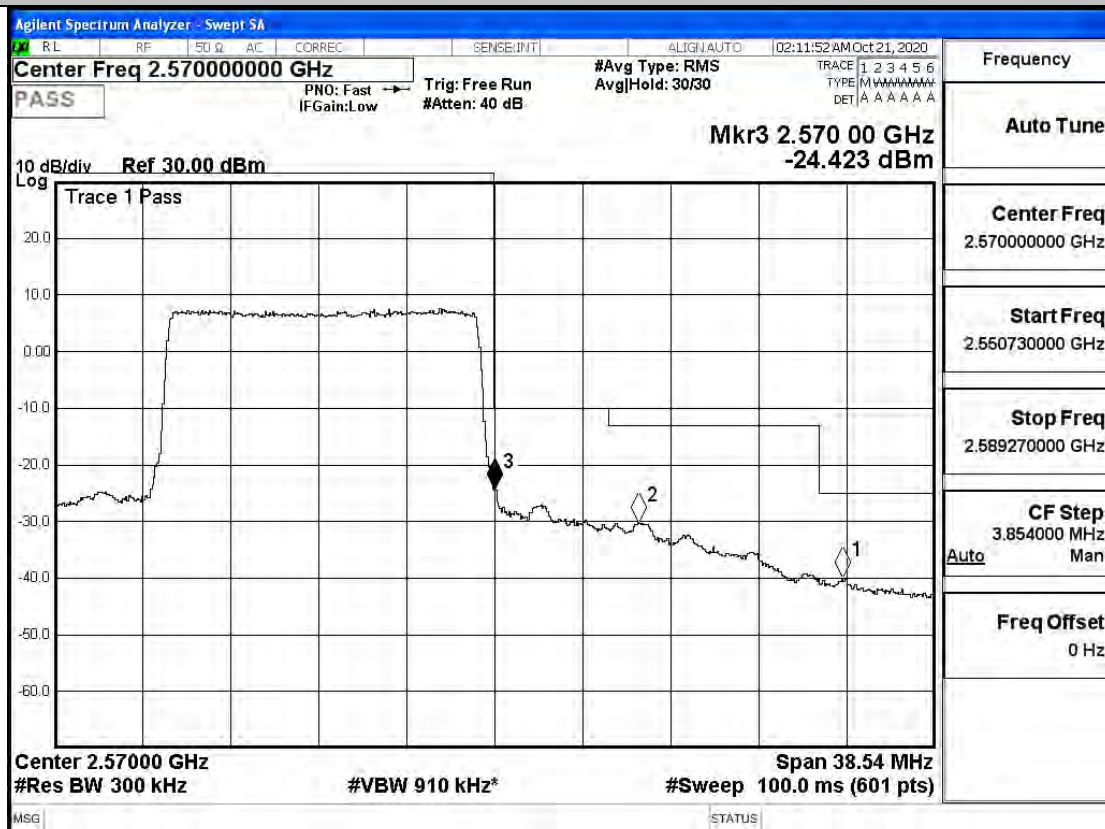
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:15 MHz) \_HCH\_16QAM



Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC CORREC SENSE:INT ALIGN: AUTO 02:12:23 AM Oct 21, 2020

Center Freq 2.500000000 GHz

PASS PNO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB #Avg Type: RMS Avg/Hold: 30/30

TRACE 1 2 3 4 5 6  
TYPE M W W W W W W W  
DET A A A A A A

10 dB/div Ref 30.00 dBm

Mkr3 2.499 92 GHz  
-23.420 dBm

Trace 1 Pass

Center 2.50000 GHz  
#Res BW 390 kHz #VBW 1.2 MHz\* Span 50.00 MHz  
#Sweep 100.0 ms (601 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
2.500000000 GHz

Start Freq  
2.475000000 GHz

Stop Freq  
2.525000000 GHz

CF Step  
5.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC CORREC SENSE:INT ALIGH: AUTO 102:12:52 AM Oct 21, 2020

Center Freq 2.570000000 GHz #Avg Type: RMS Avg|Hold: 30/30

PASS PNO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB

TRACE 1 2 3 4 5 6  
TYPE M W W W W W W W  
DET A A A A A A

Mkr3 2.570 00 GHz  
-25.666 dBm

10 dB/div Ref 30.00 dBm

Log

Trace 1 Pass

Center 2.57000 GHz Span 47.96 MHz  
#Res BW 390 kHz #VBW 1.2 MHz\* #Sweep 100.0 ms (601 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
2.570000000 GHz

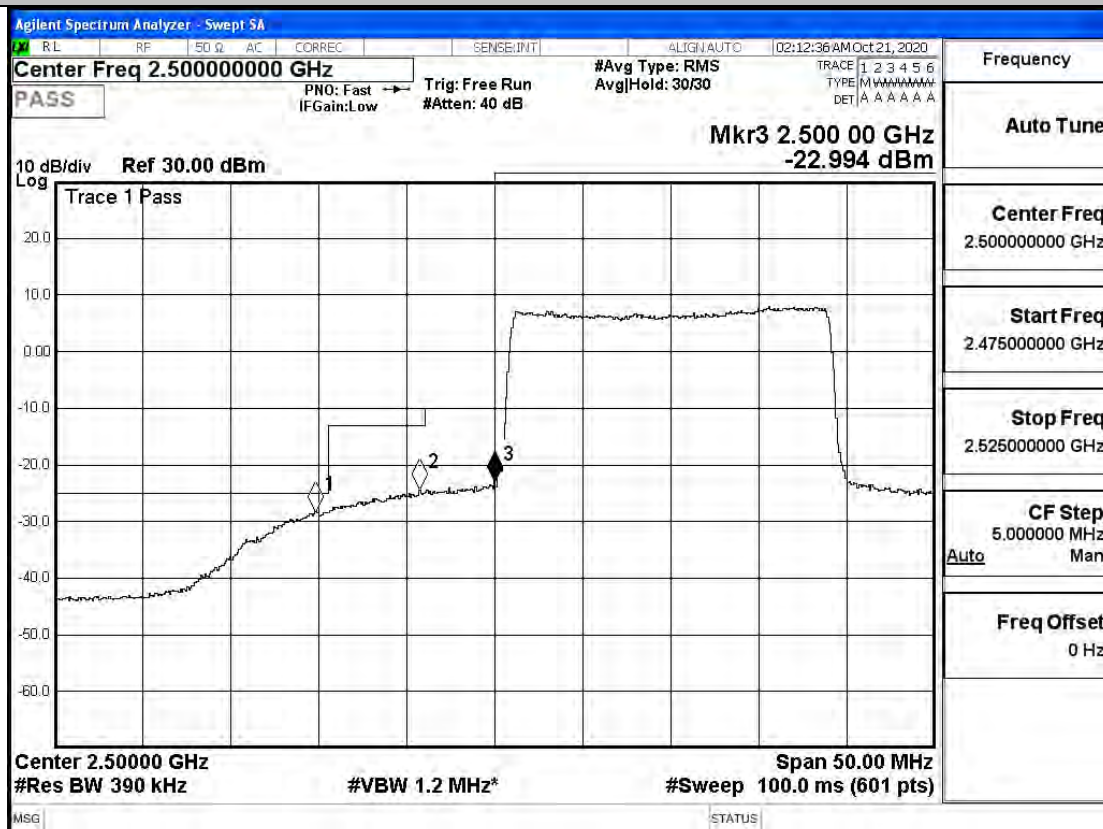
Start Freq  
2.546020000 GHz

Stop Freq  
2.593980000 GHz

CF Step  
4.796000 MHz  
Auto Man

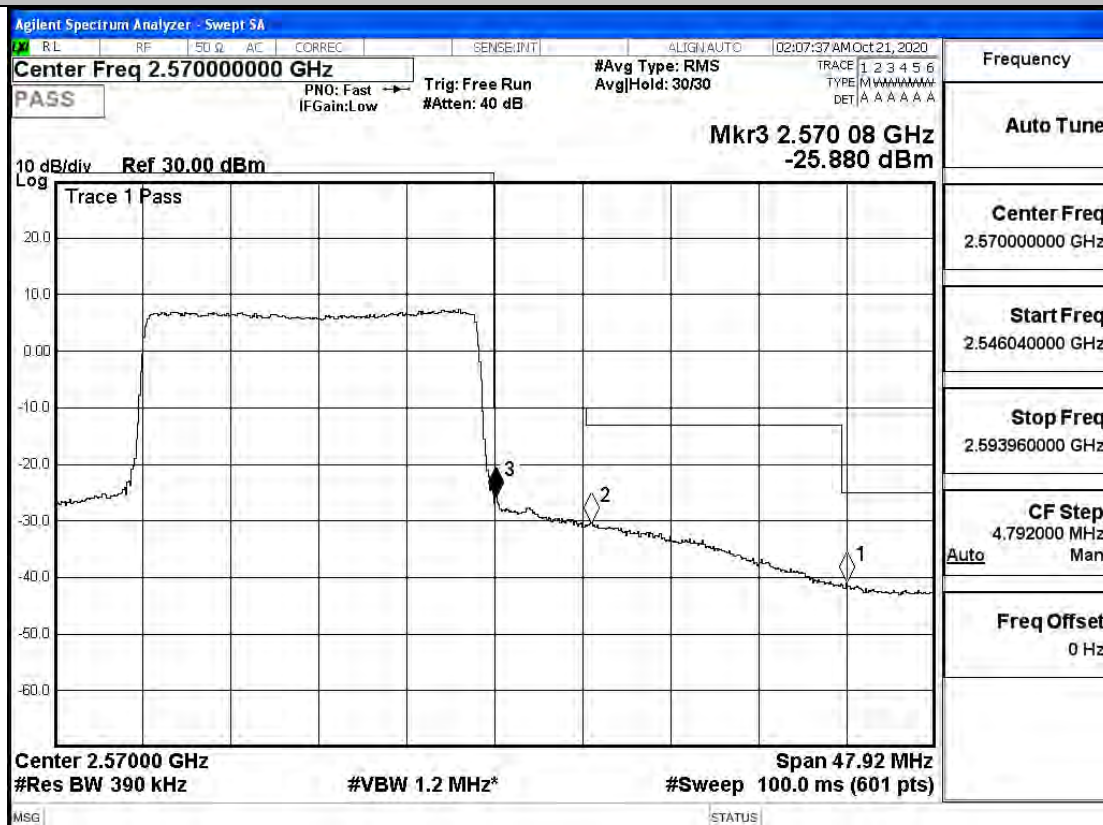
Freq Offset  
0 Hz

## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM





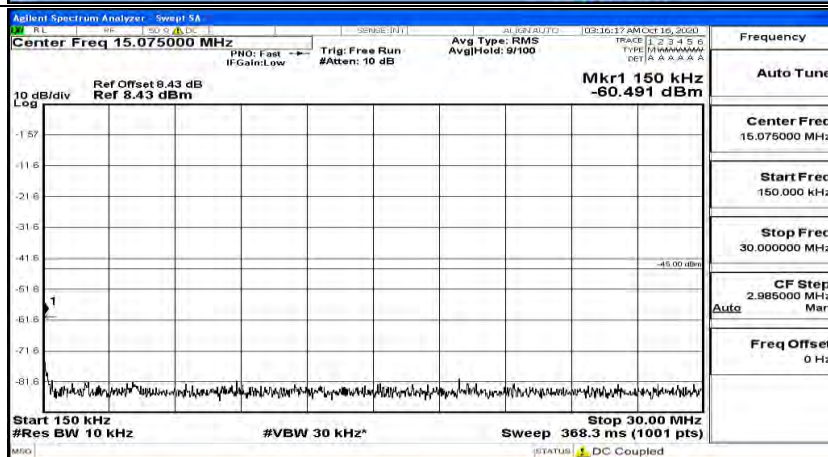
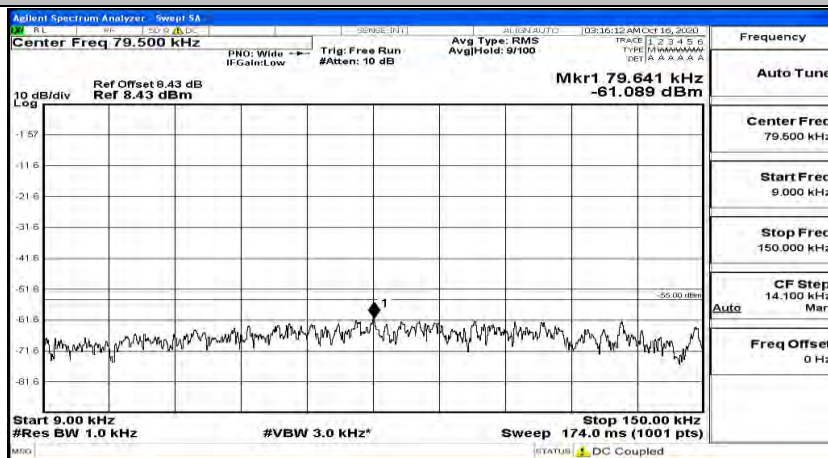
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



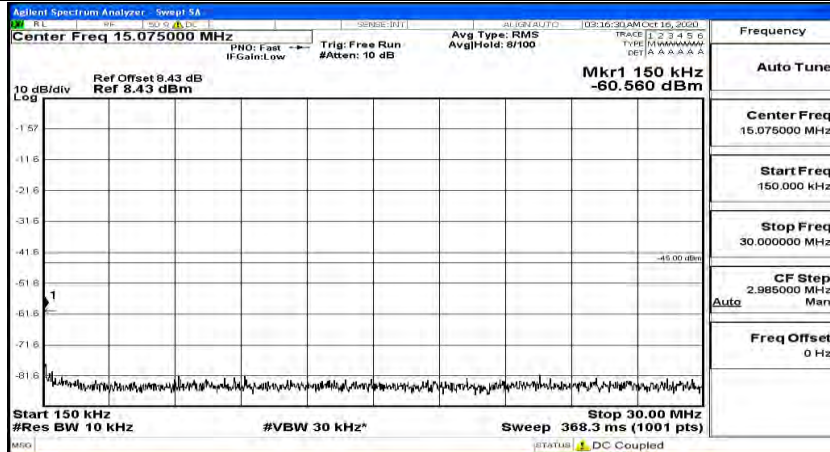
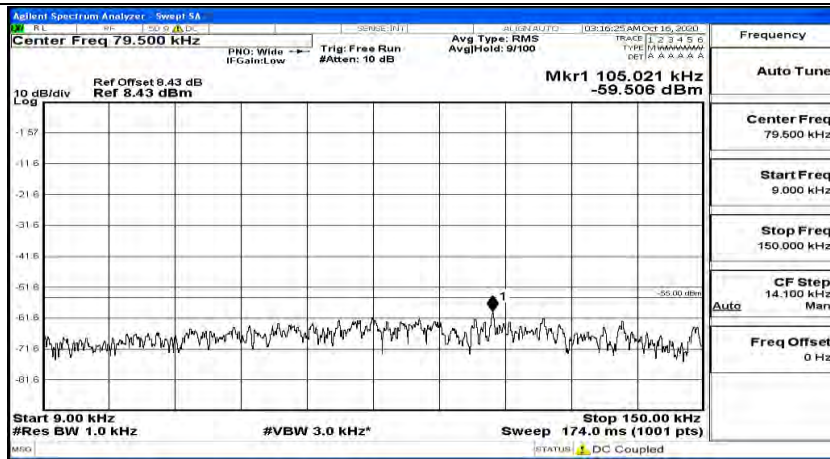
## G.5 Conducted Spurious Emission

### Channel Bandwidth: 5 MHz

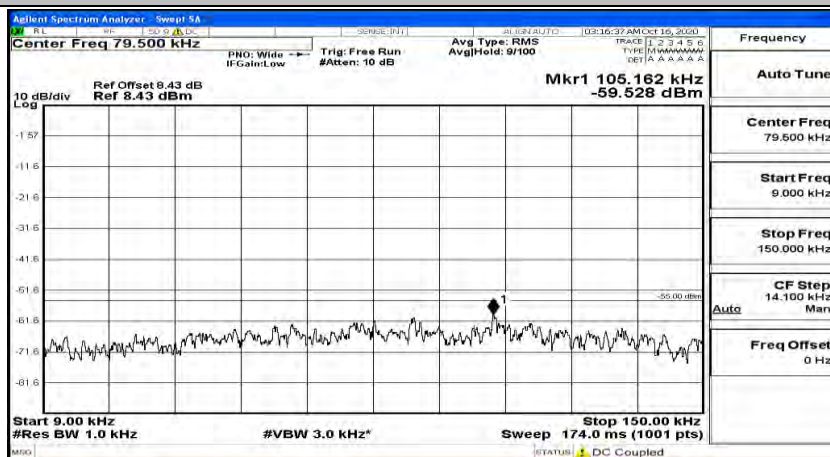
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0

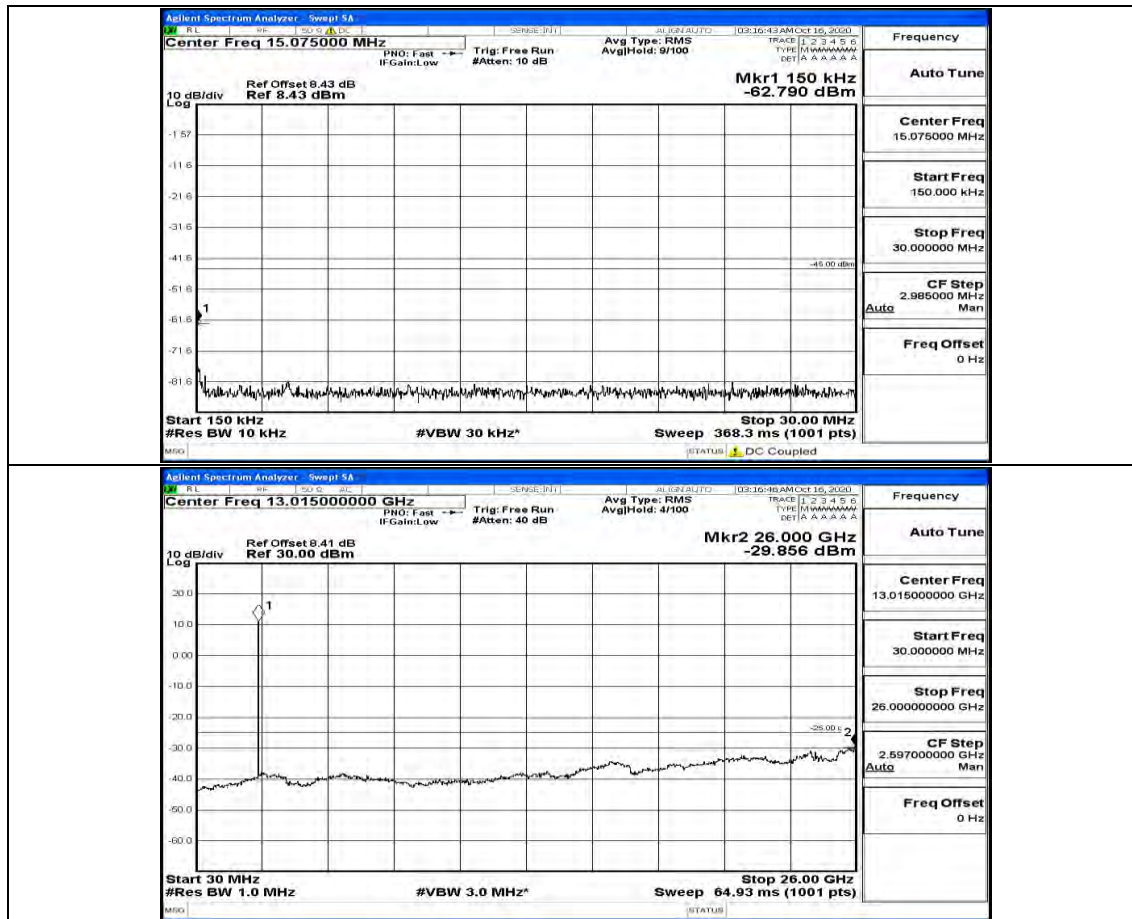


(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#12

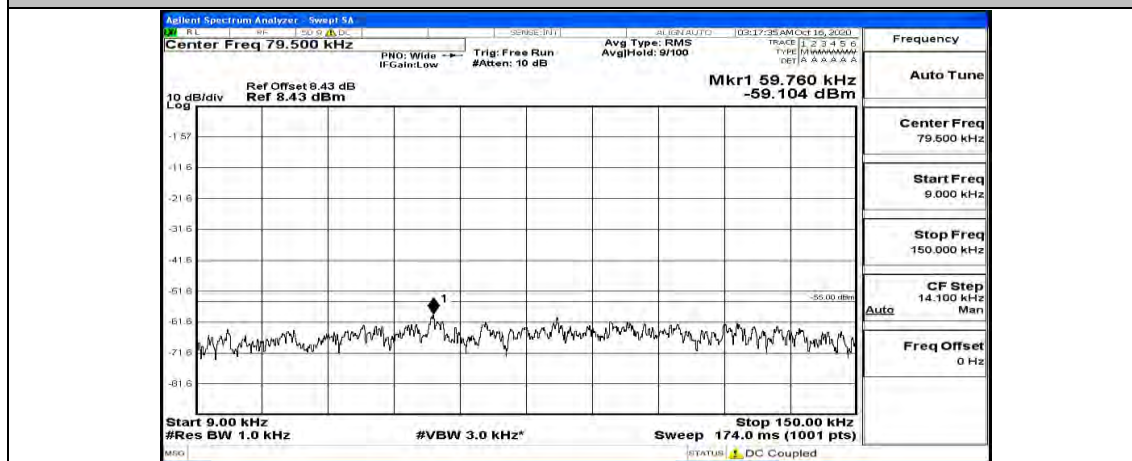


(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#24

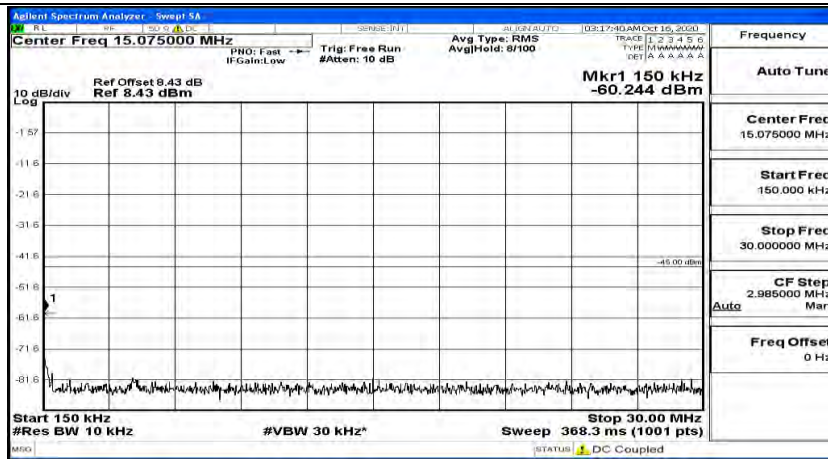




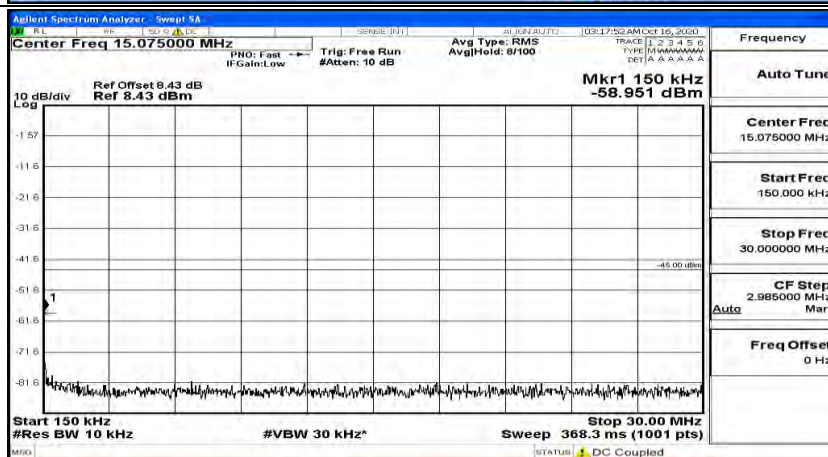
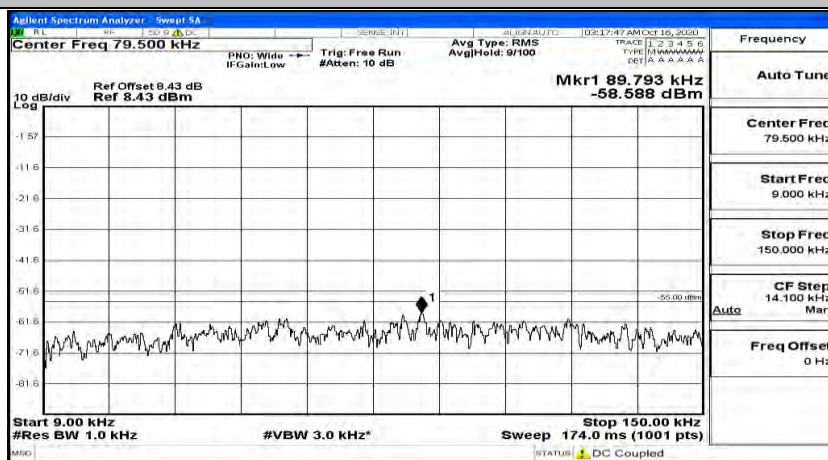
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0

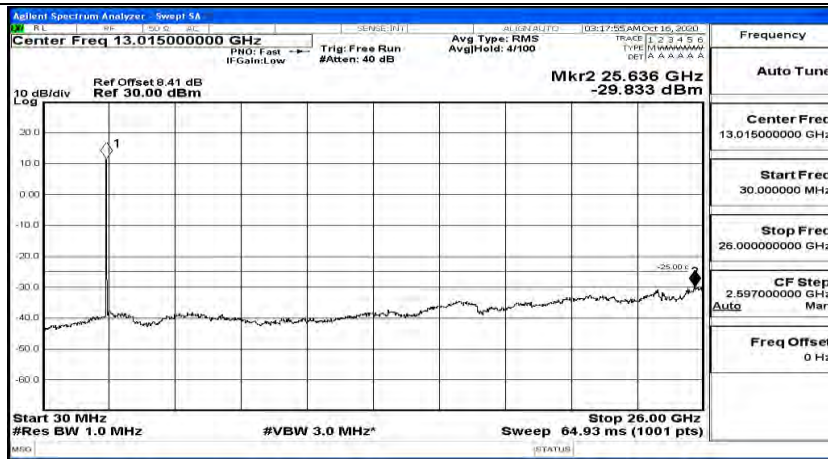




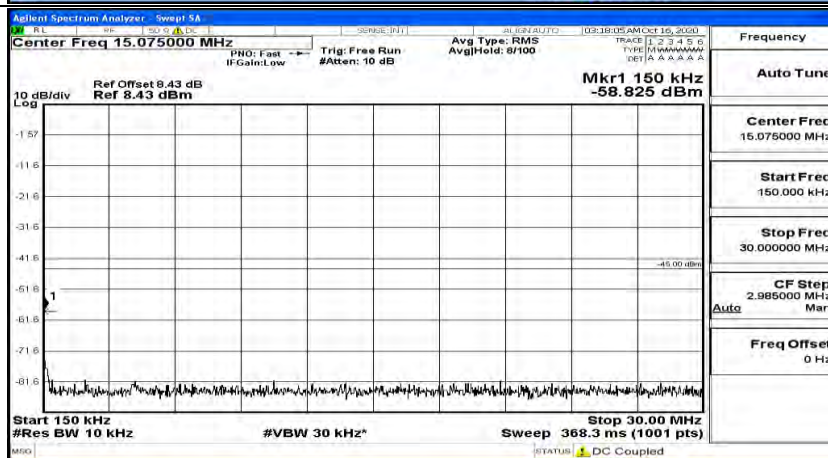
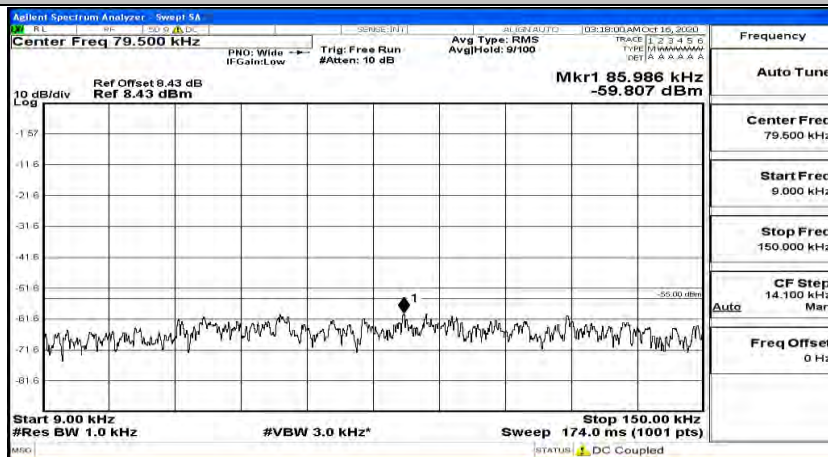


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12

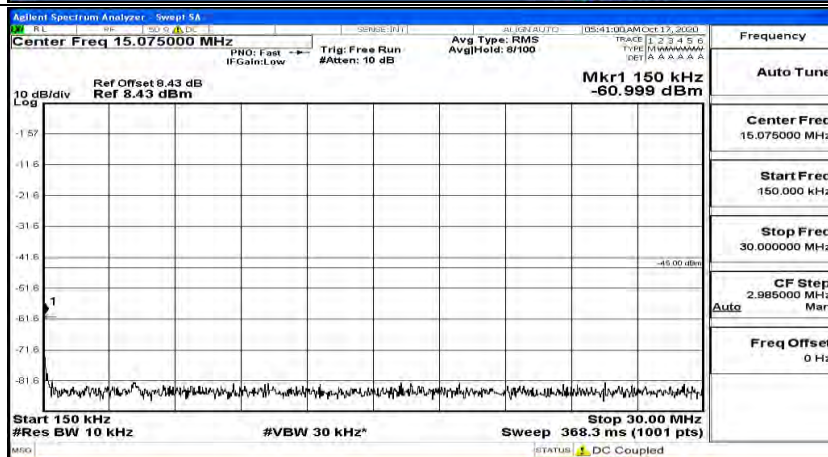
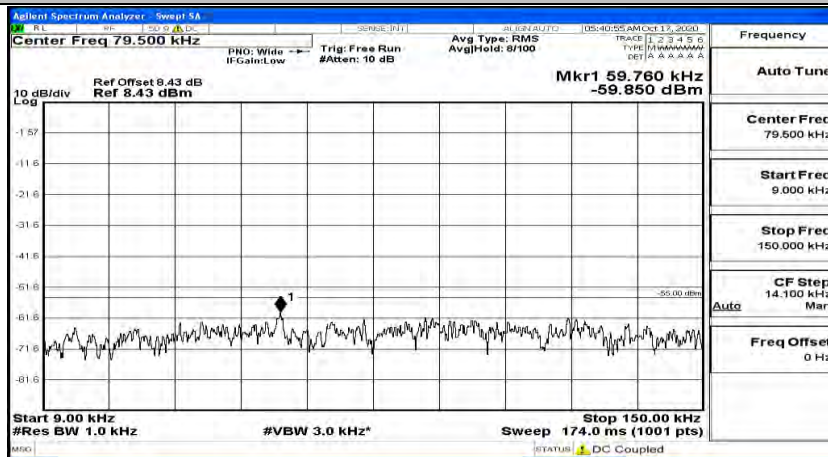




(Channel Bandwidth: 5 MHz) MCH\_QPSK\_1RB#24

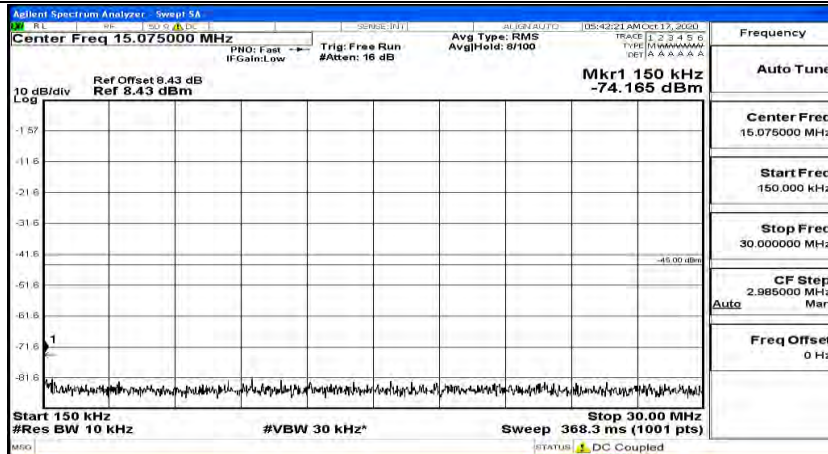
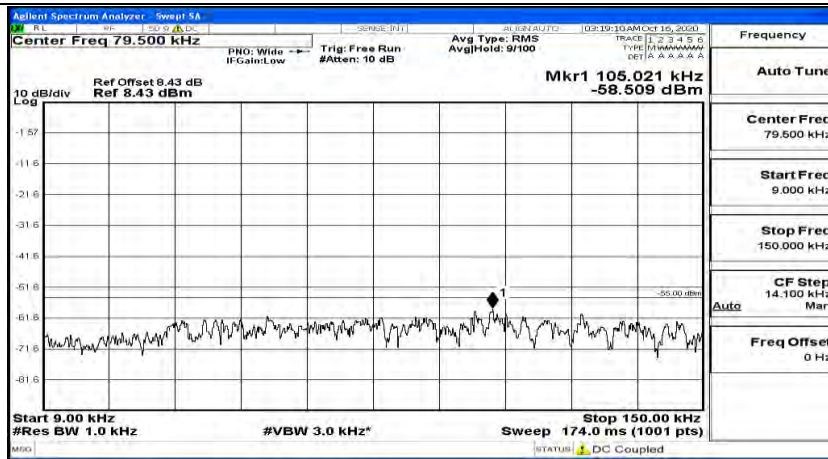


## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

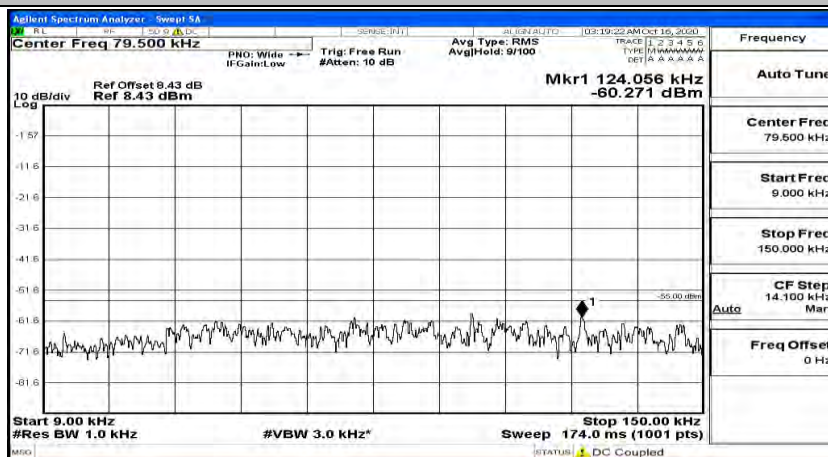


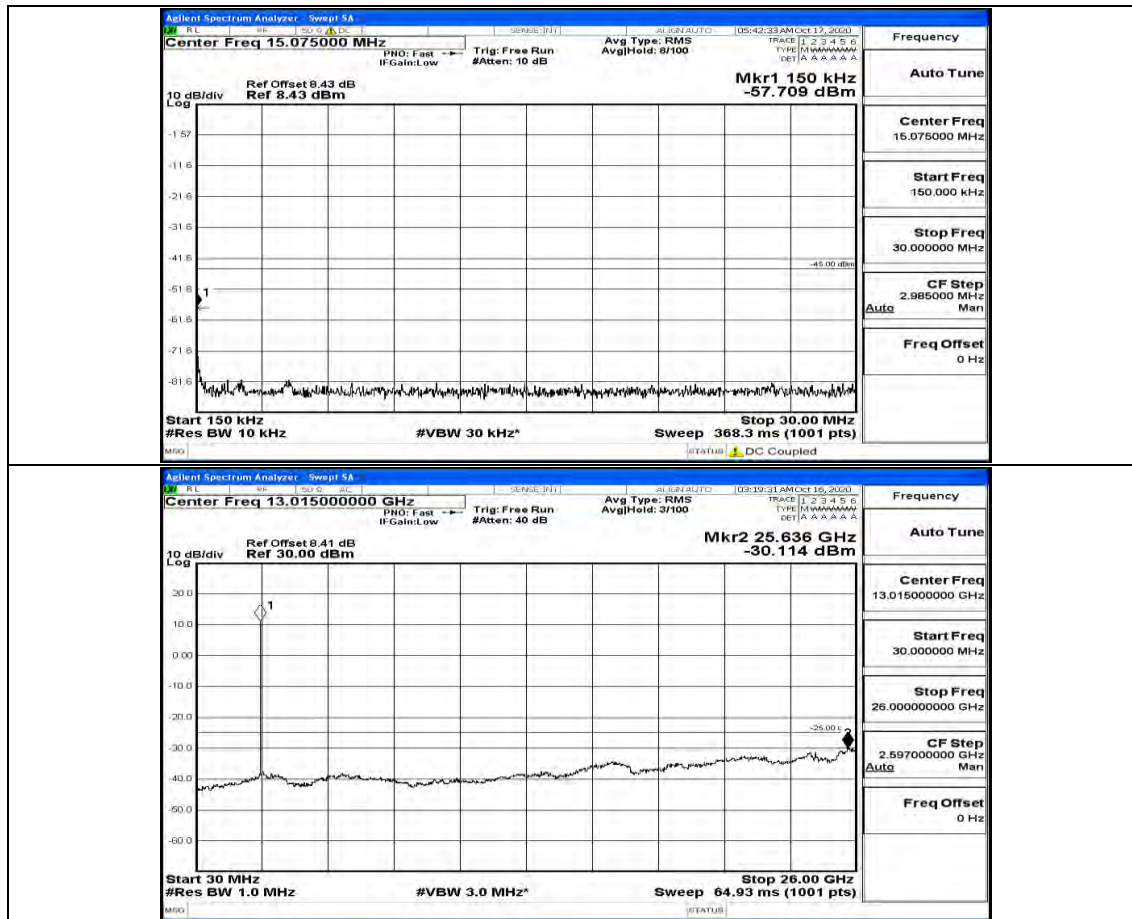
## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



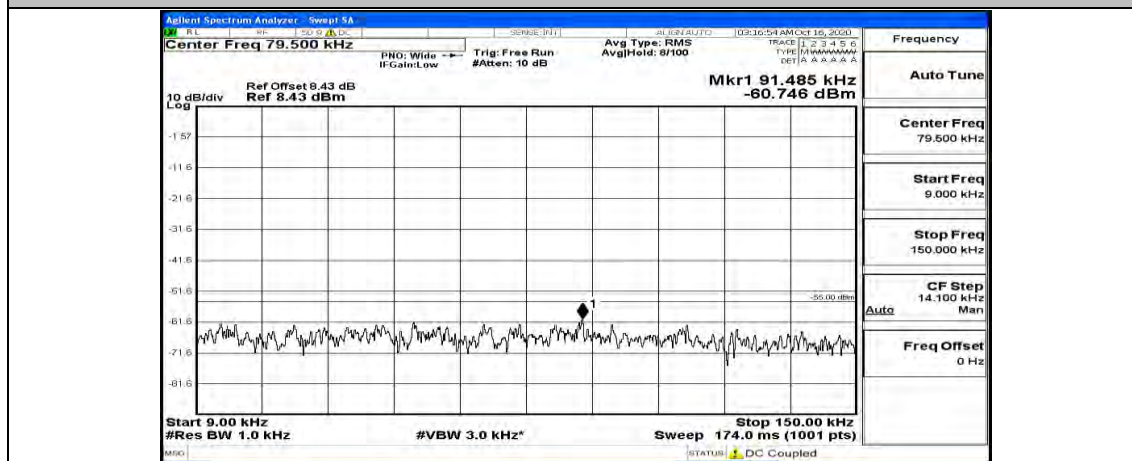


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

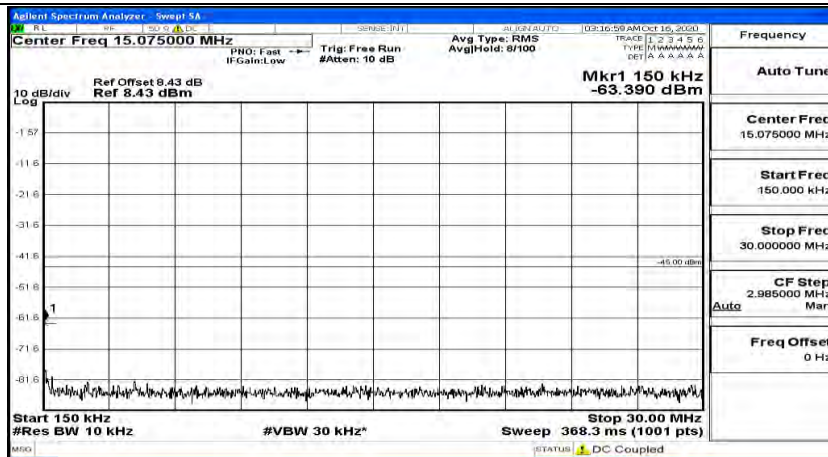




(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0







(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

