Appendix F: Test Data for E-UTRA Band 5

Product Name: Mobile Radio
Trade Mark: ANYSECU
Test Model: W2plus

Environmental Conditions

Temperature:	24.3° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Wang.Chuang

F.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.37	22.51	PASS
		1	3	23.40	22.59	PASS
		1	5	23.30	22.45	PASS
		3	0	23.37	22.46	PASS
		3	2	23.35	22.40	PASS
		3	3	23.33	22.40	PASS
		6	0	22.38	21.27	PASS
	MCH	1	0	22.71	21.99	PASS
		1	3	22.81	22.07	PASS
		1	5	22.71	21.99	PASS
		3	0	22.76	21.70	PASS
		3	2	22.70	21.68	PASS
		3	3	22.75	21.73	PASS
		6	0	21.77	20.64	PASS
	HCH	1	0	23.30	22.45	PASS
		1	3	23.40	22.64	PASS
		1	5	23.32	22.49	PASS
		3	0	23.35	22.33	PASS
		3	2	23.34	22.30	PASS
		3	3	23.36	22.37	PASS
		6	0	22.41	21.39	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.28	22.51	PASS
		1	7	23.27	22.52	PASS
		1	14	23.02	22.27	PASS
		8	0	22.41	21.38	PASS
		8	4	22.31	21.30	PASS
		8	7	22.25	21.23	PASS
		15	0	22.30	21.19	PASS
	MCH	1	0	22.62	21.87	PASS
		1	7	22.72	21.96	PASS
		1	14	22.60	21.83	PASS
		8	0	21.80	20.79	PASS
		8	4	21.78	20.78	PASS
		8	7	21.80	20.76	PASS
		15	0	21.75	20.66	PASS
	HCH	1	0	23.23	22.53	PASS
		1	7	23.38	22.66	PASS
		1	14	23.29	22.56	PASS
		8	0	22.38	21.28	PASS
		8	4	22.38	21.28	PASS
		8	7	22.41	21.31	PASS
		15	0	22.32	21.25	PASS

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	23.38	22.69	PASS
		1	12	23.27	22.54	PASS
		1	24	22.96	22.33	PASS
		12	0	22.37	21.42	PASS
		12	6	22.25	21.33	PASS
		12	13	22.15	21.26	PASS
		25	0	22.20	21.18	PASS
	MCH	1	0	22.78	22.12	PASS
		1	12	22.83	22.14	PASS
		1	24	22.69	22.01	PASS
		12	0	21.83	20.89	PASS
		12	6	21.81	20.87	PASS
		12	13	21.79	20.85	PASS
		25	0	21.73	20.72	PASS
	HCH	1	0	23.05	22.42	PASS
		1	12	23.25	22.73	PASS
		1	24	23.32	22.59	PASS
		12	0	22.26	21.32	PASS
		12	6	22.35	21.39	PASS
		12	13	22.40	21.42	PASS
		25	0	22.26	21.23	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	23.32	22.58	PASS
		1	24	22.97	22.25	PASS
		1	49	22.74	22.02	PASS
		25	0	22.19	21.14	PASS
		25	12	21.99	20.96	PASS
		25	25	21.85	20.81	PASS
		50	0	22.02	20.97	PASS
	MCH	1	0	22.71	22.01	PASS
		1	24	22.72	21.94	PASS
		1	49	22.78	22.06	PASS
		25	0	21.78	20.74	PASS
		25	12	21.79	20.75	PASS
		25	25	21.77	20.73	PASS
		50	0	21.80	20.76	PASS
	HCH	1	0	22.92	22.28	PASS
		1	24	23.01	22.40	PASS
		1	49	23.35	22.64	PASS
		25	0	22.01	21.00	PASS
		25	12	22.09	21.06	PASS
		25	25	22.28	21.25	PASS
		50	0	22.15	21.14	PASS

F.2 Peak-to-Average Ratio

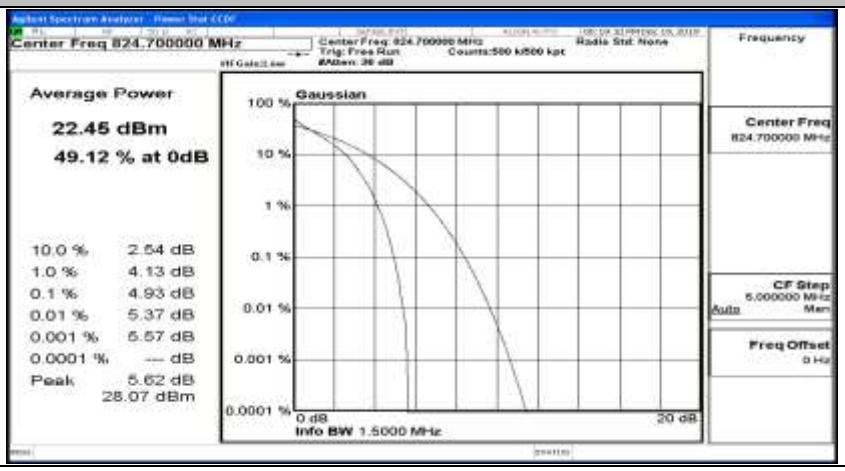
Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.93	<13	PASS
	MCH	4.72	<13	PASS
	HCH	4.69	<13	PASS
16QAM	LCH	5.82	<13	PASS
	MCH	5.64	<13	PASS
	HCH	5.56	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.14	<13	PASS
	MCH	5.08	<13	PASS
	HCH	5.11	<13	PASS
16QAM	LCH	6.06	<13	PASS
	MCH	5.95	<13	PASS
	HCH	5.85	<13	PASS

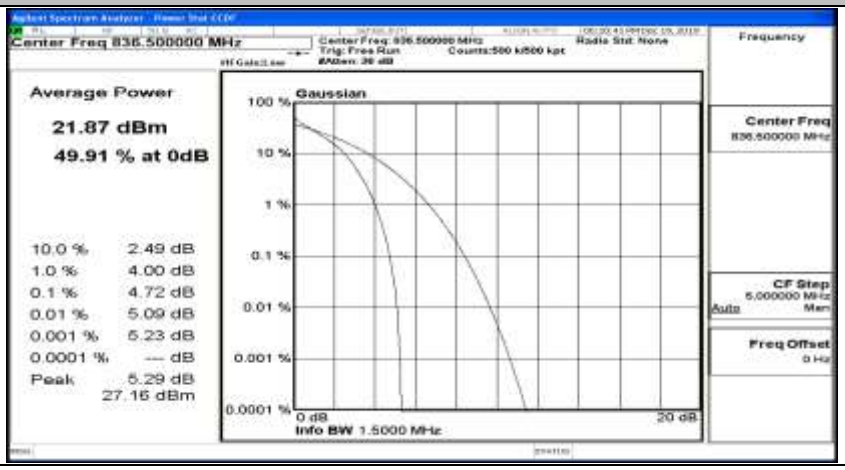
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.25	<13	PASS
	MCH	5.13	<13	PASS
	HCH	5.21	<13	PASS
16QAM	LCH	6.02	<13	PASS
	MCH	5.9	<13	PASS
	HCH	5.98	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.43	<13	PASS
	MCH	5.28	<13	PASS
	HCH	5.43	<13	PASS
16QAM	LCH	6.15	<13	PASS
	MCH	5.99	<13	PASS
	HCH	6.15	<13	PASS

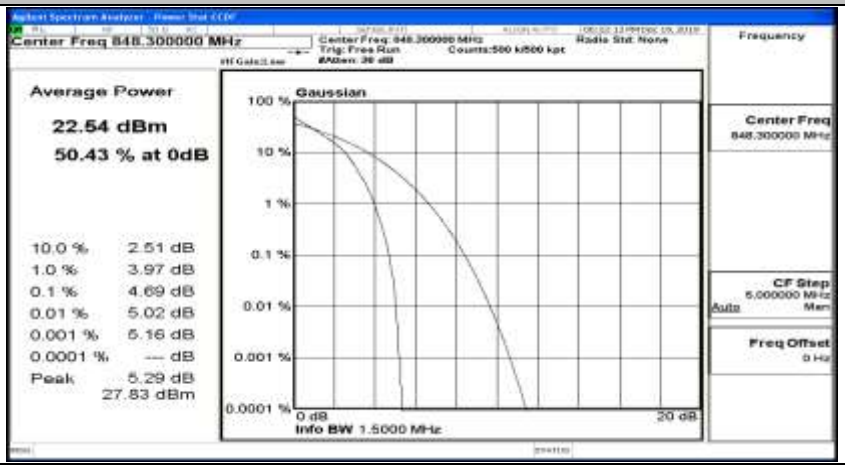
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



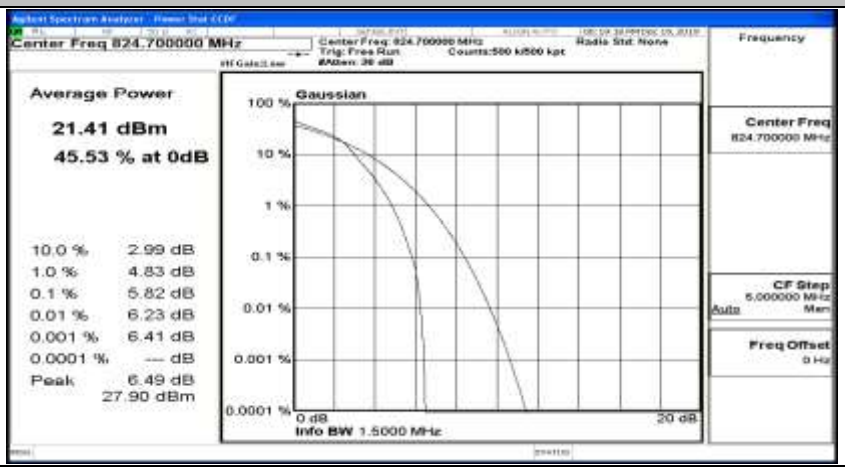
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



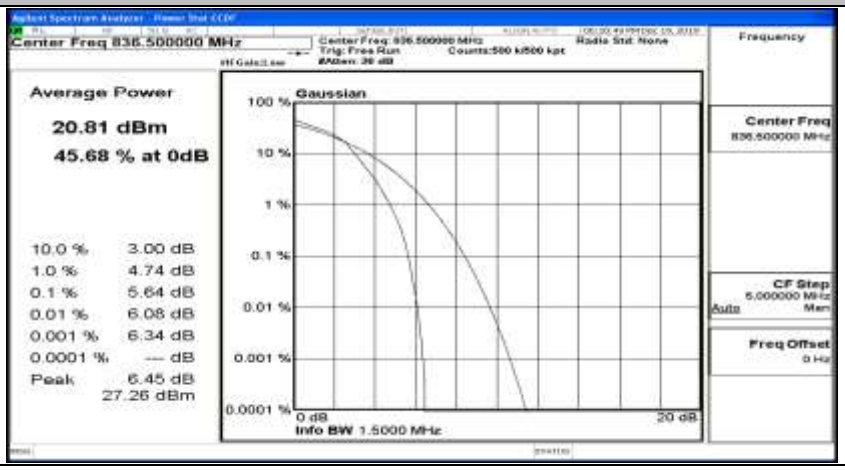
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



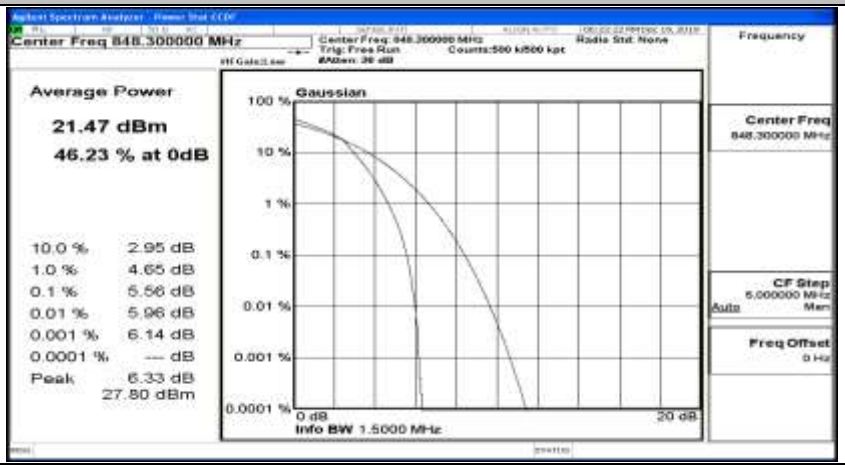
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



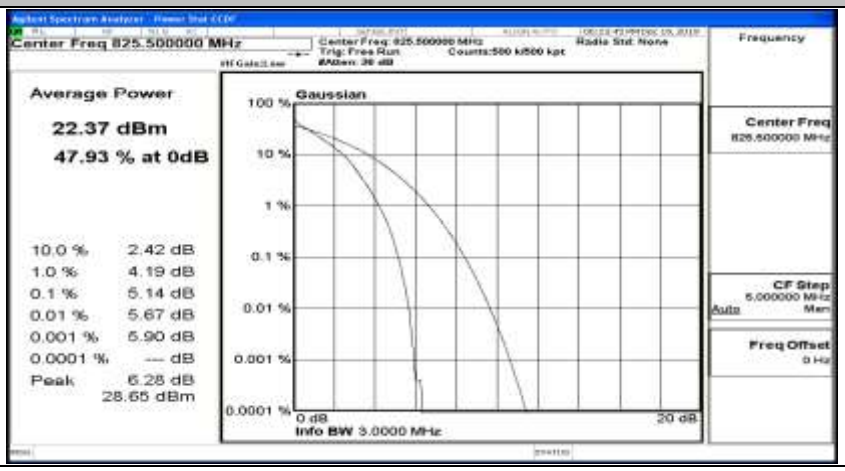
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



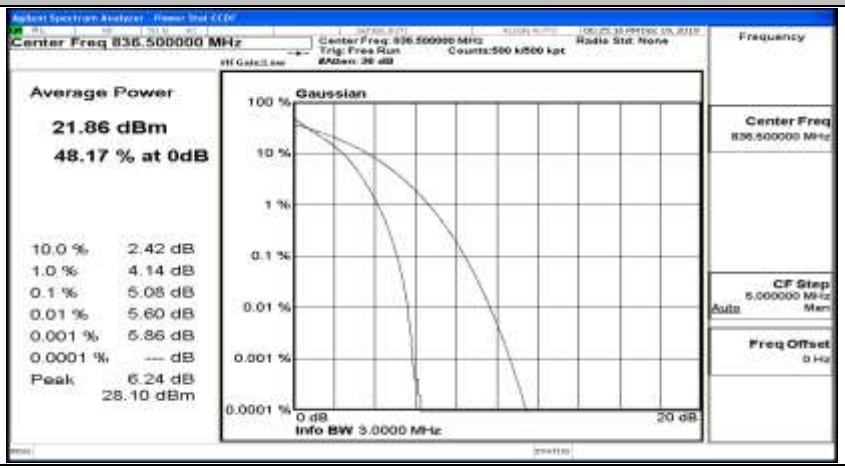
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



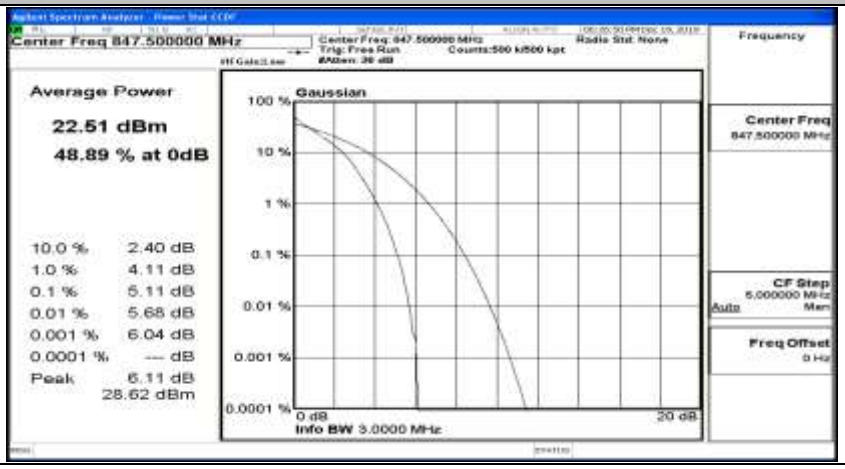
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



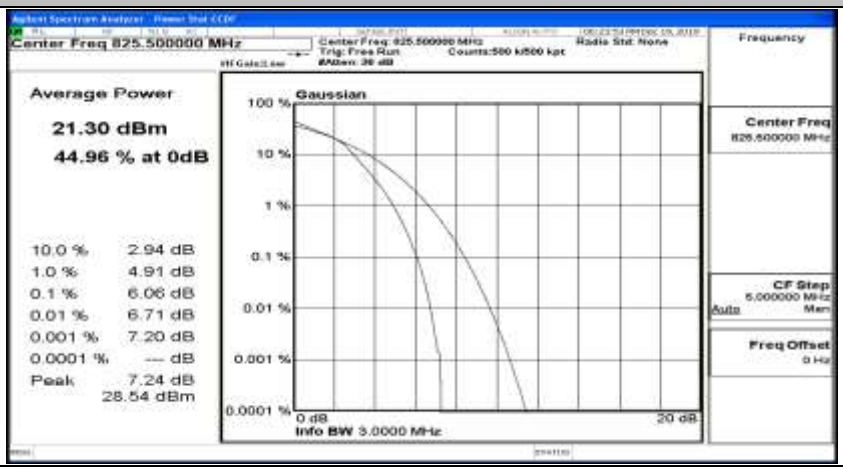
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



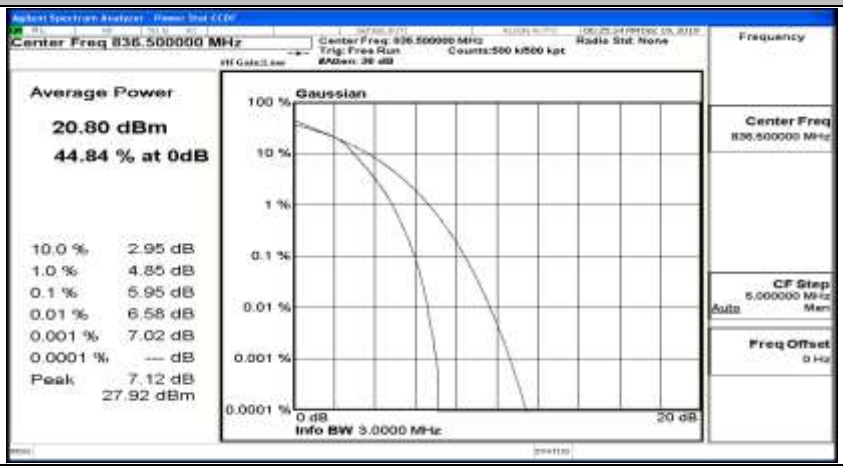
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



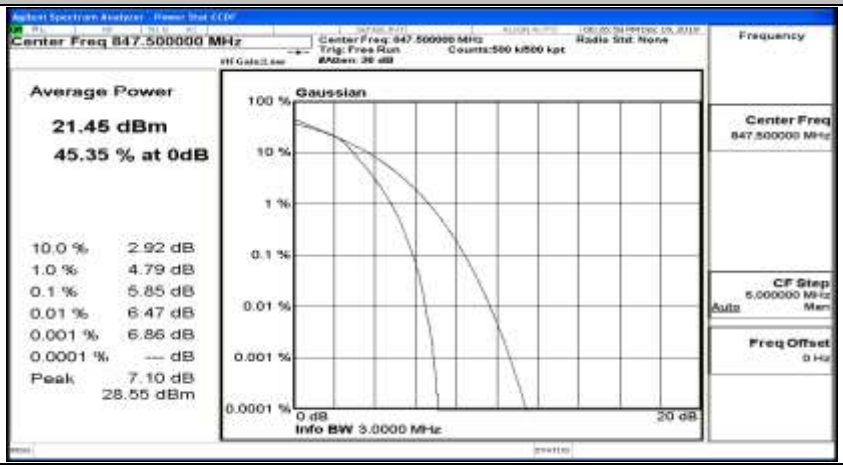
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



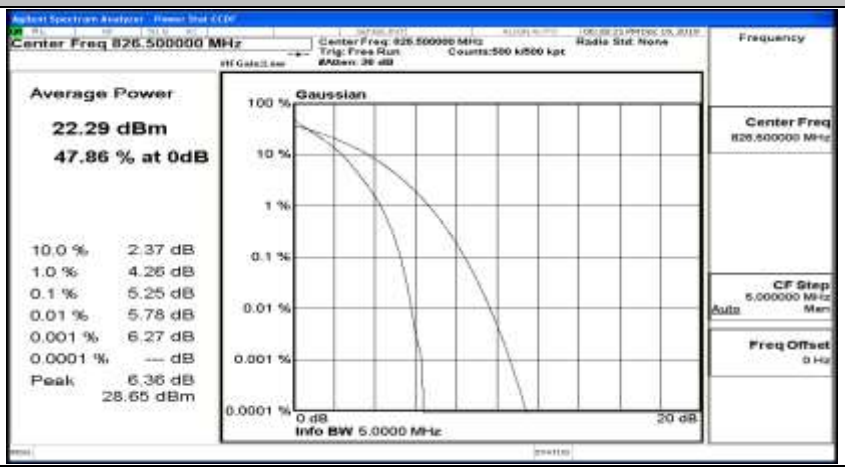
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



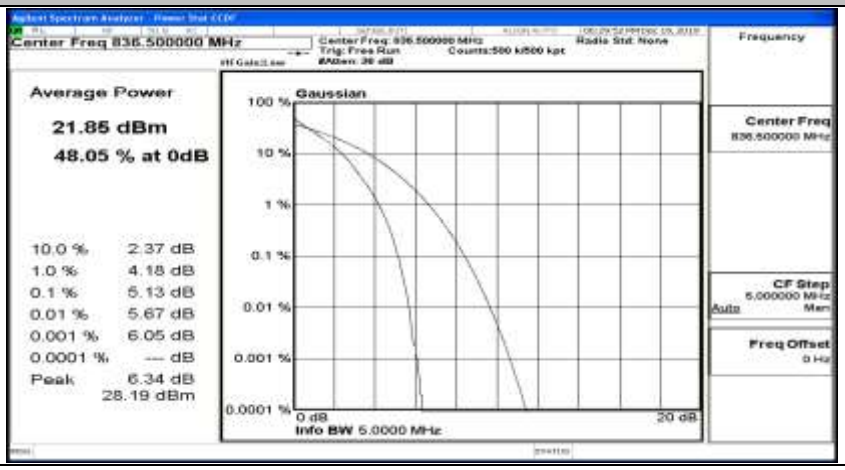
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



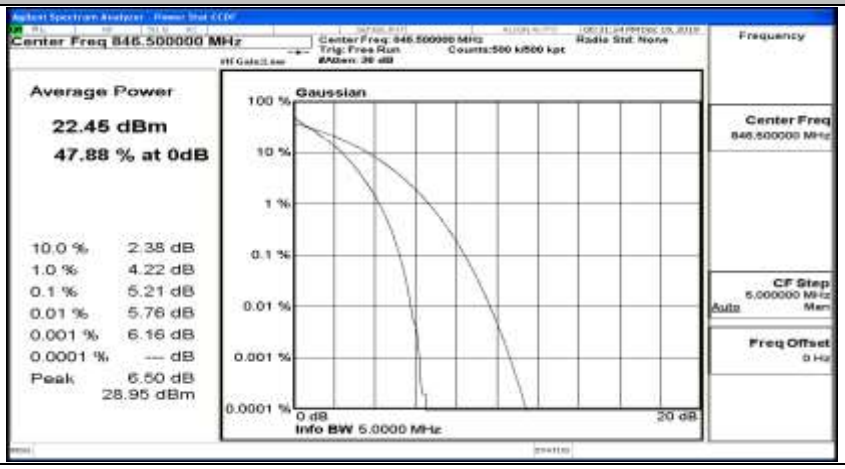
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



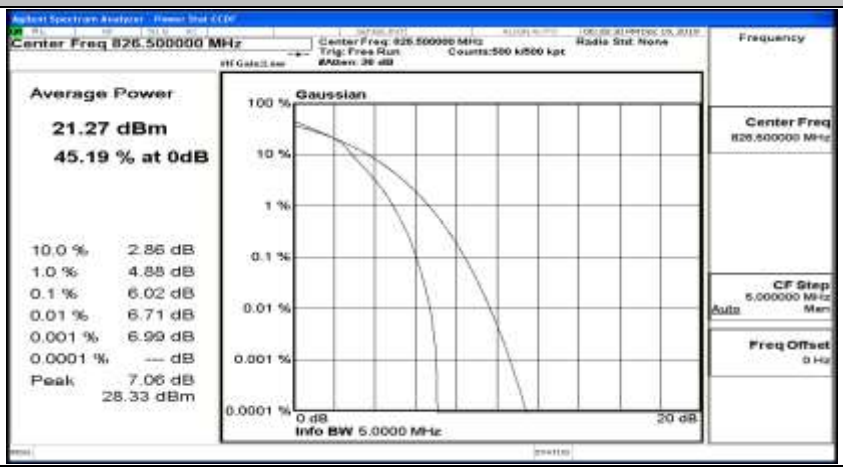
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



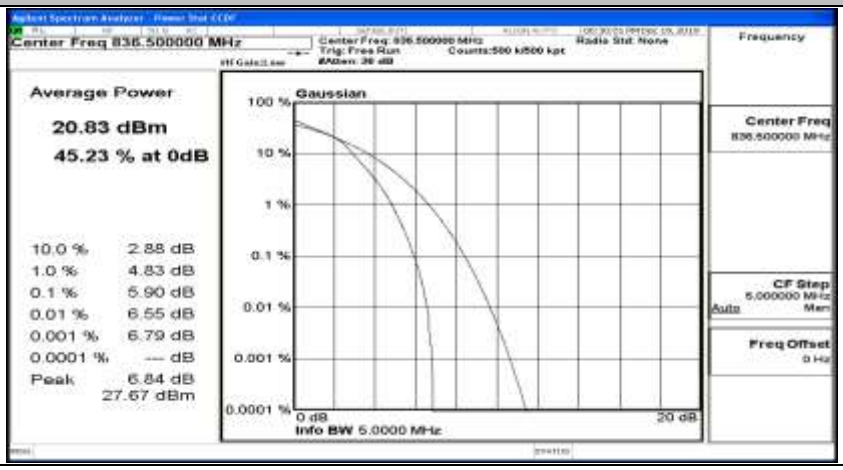
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



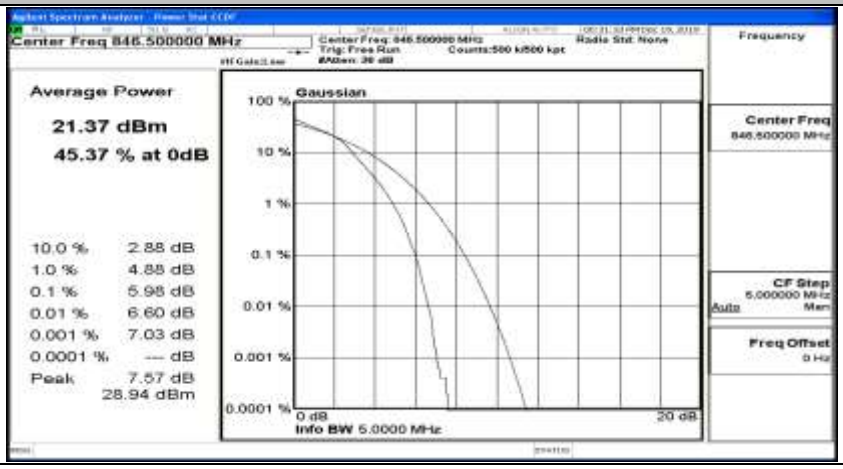
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



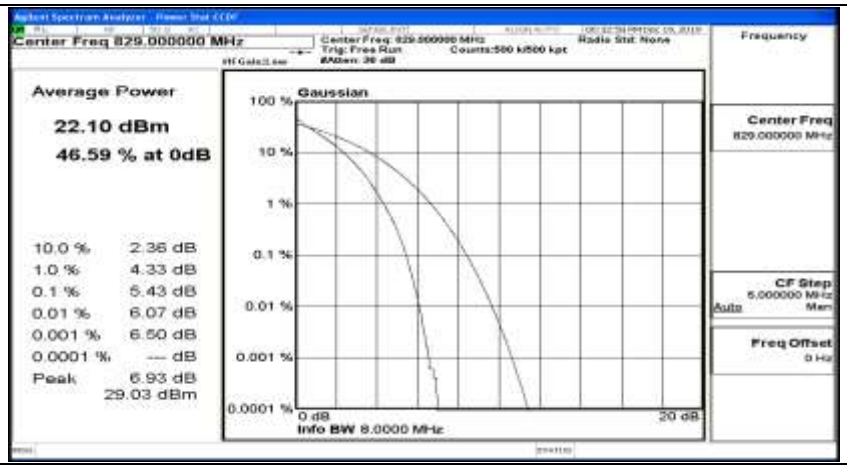
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



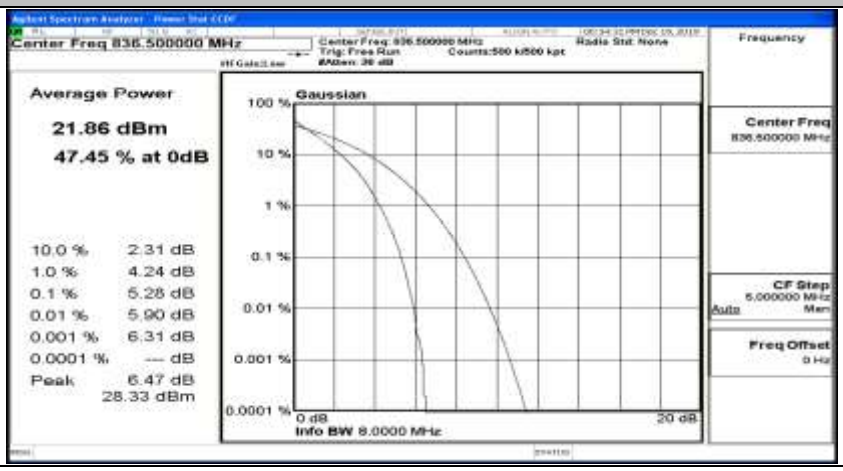
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



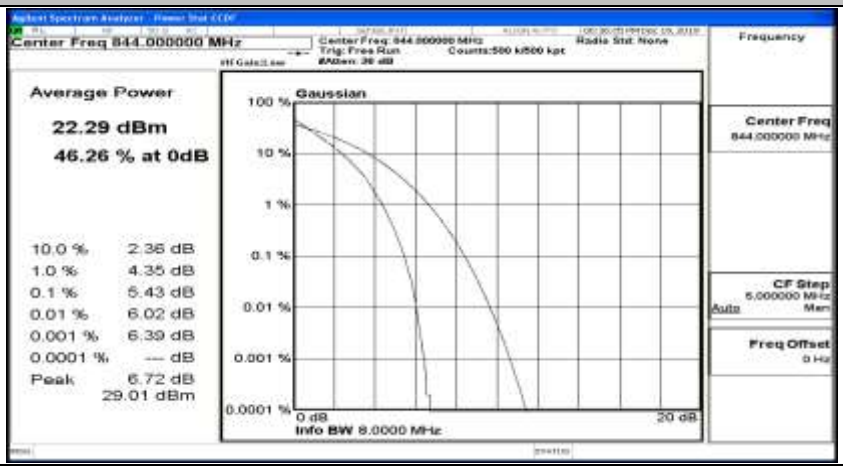
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK


Center Freq 829.000000 MHz
Center Freq: 829.000000 MHz
Trig: Free Run
#Atten: 30 dB
Counts:500 k/500 kpt
Radio Std: None
Frequency
Average Power
22.10 dBm
46.59 % at 0dB
10.0 % 2.36 dB
1.0 % 4.33 dB
0.1 % 5.43 dB
0.01 % 6.07 dB
0.001 % 6.50 dB
0.0001 % --- dB
Peak 6.93 dB
29.03 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 8.0000 MHz
Center Freq
829.000000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

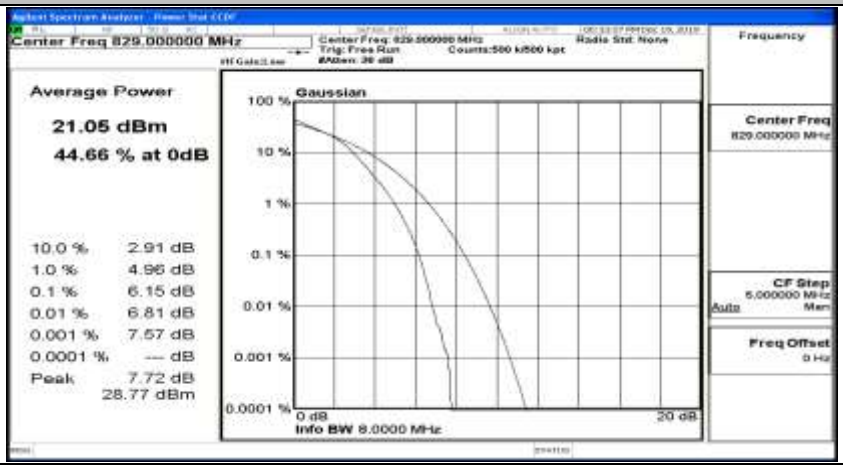
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



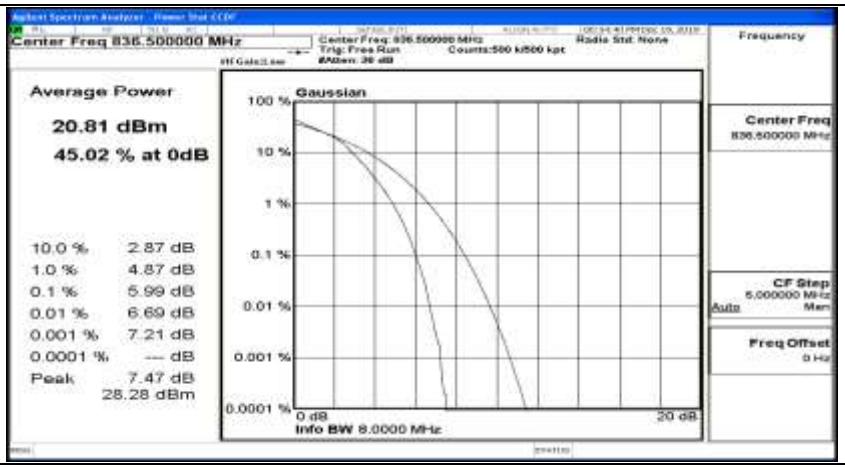
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



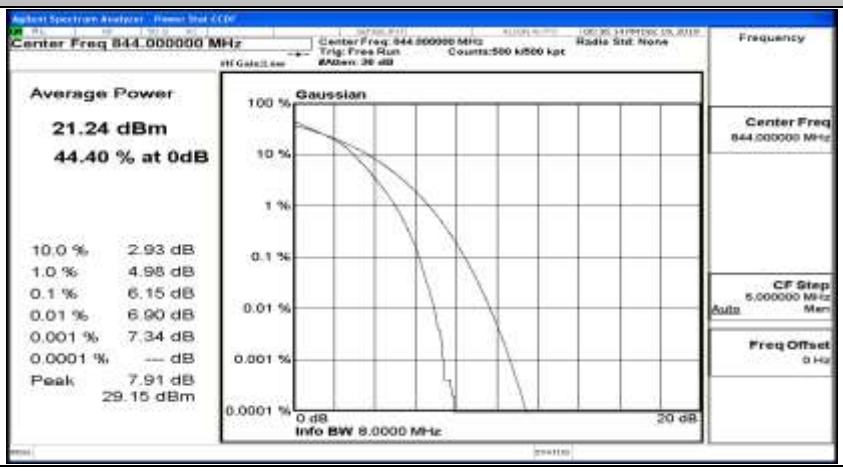
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 836.500000 MHz
Center Freq: 836.500000 MHz
Trig: Free Run
#Atten: 30 dB
Counts:500 k/500 kpt
Radio Std: None
Frequency
Average Power
20.81 dBm
45.02 % at 0dB
10.0 % 2.87 dB
1.0 % 4.87 dB
0.1 % 5.99 dB
0.01 % 6.69 dB
0.001 % 7.21 dB
0.0001 % --- dB
Peak 7.47 dB
28.28 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 8.0000 MHz
Center Freq
836.500000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



F.3 26dB Bandwidth and Occupied Bandwidth

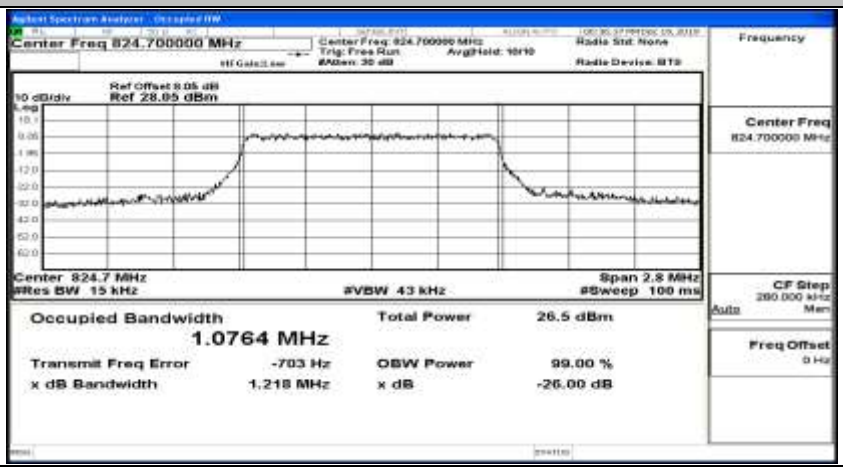
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0764	1.218	PASS
	MCH	1.0763	1.206	PASS
	HCH	1.0778	1.222	PASS
16QAM	LCH	1.0808	1.231	PASS
	MCH	1.0808	1.226	PASS
	HCH	1.0750	1.217	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6841	2.863	PASS
	MCH	2.6879	2.856	PASS
	HCH	2.6833	2.879	PASS
16QAM	LCH	2.6884	2.880	PASS
	MCH	2.6820	2.855	PASS
	HCH	2.6864	2.878	PASS

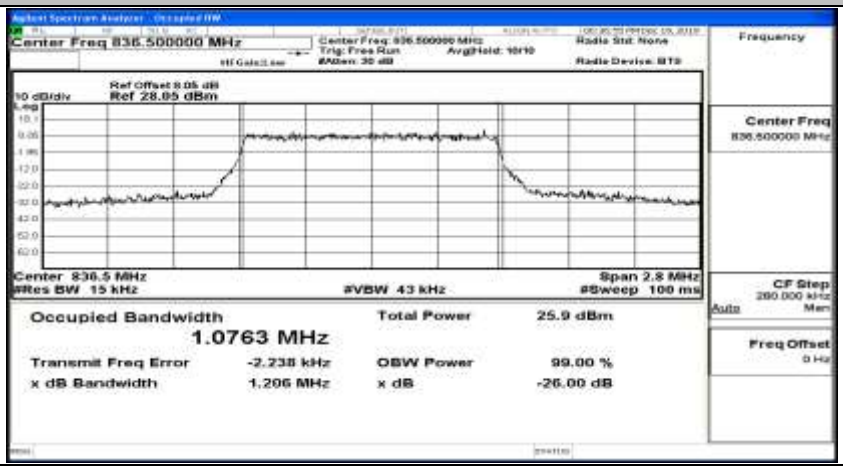
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4832	4.790	PASS
	MCH	4.4868	4.825	PASS
	HCH	4.4786	4.812	PASS
16QAM	LCH	4.4841	4.824	PASS
	MCH	4.4779	4.819	PASS
	HCH	4.4853	4.834	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9535	9.440	PASS
	MCH	8.9261	9.442	PASS
	HCH	8.9504	9.438	PASS
16QAM	LCH	8.9437	9.479	PASS
	MCH	8.9266	9.472	PASS
	HCH	8.9566	9.439	PASS

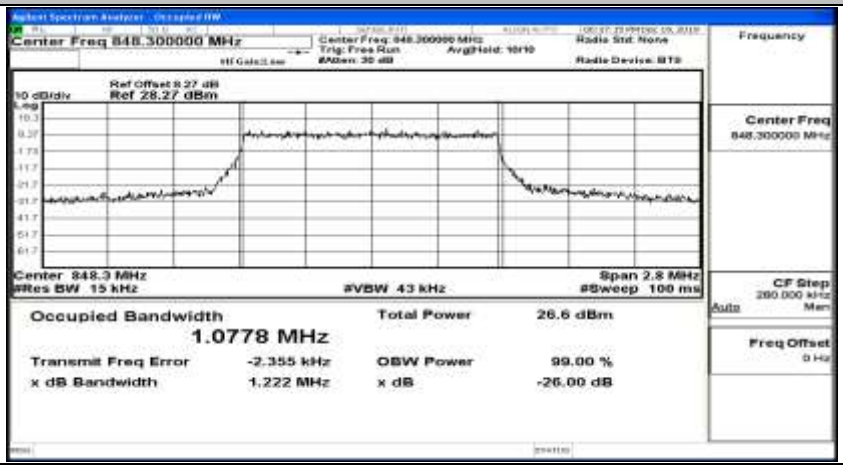
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



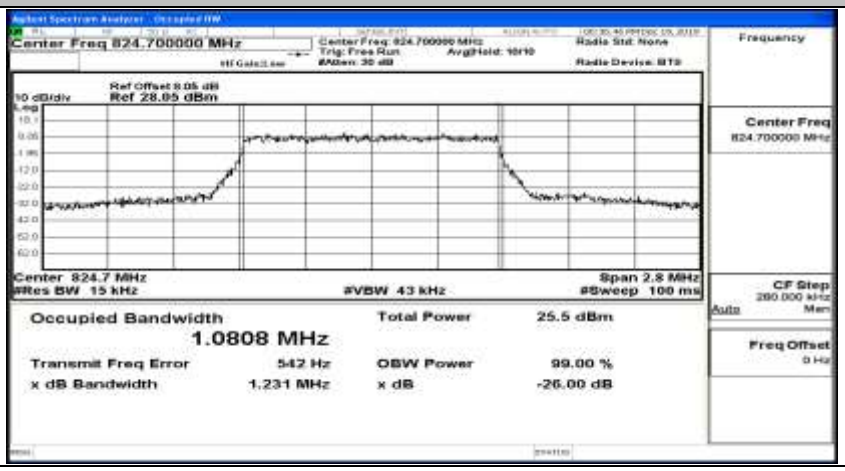
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



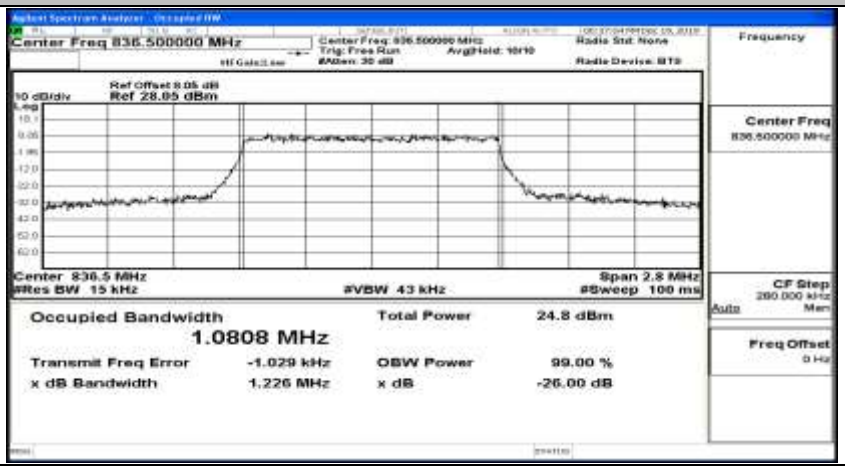
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



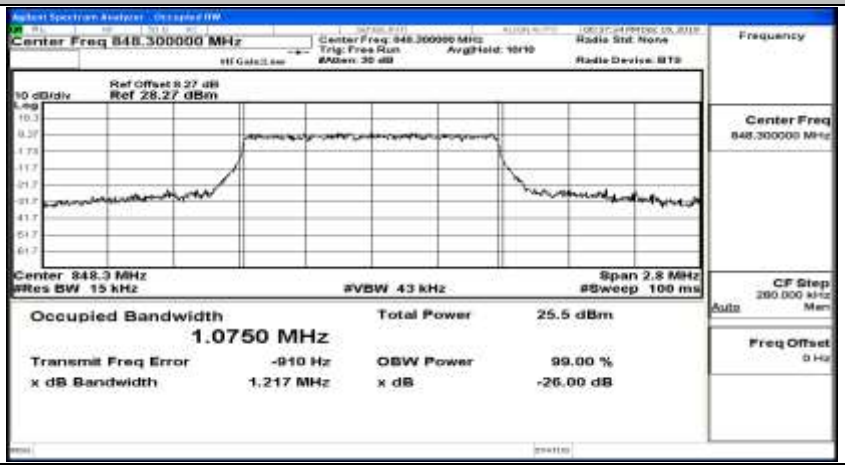
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



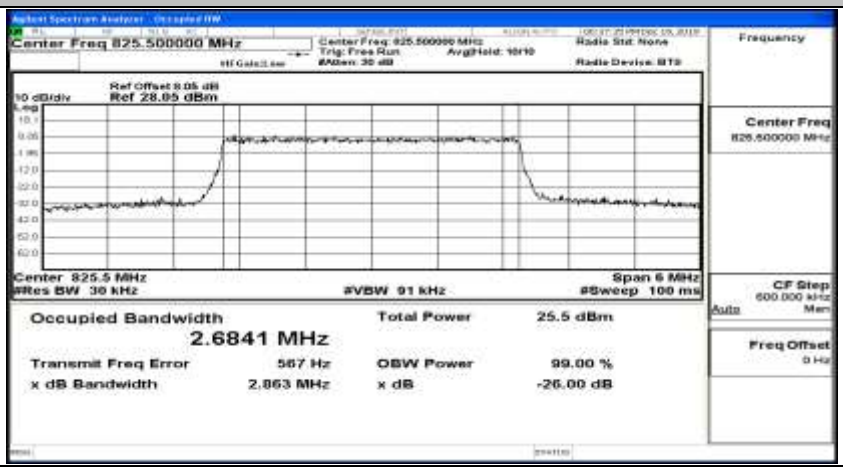
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



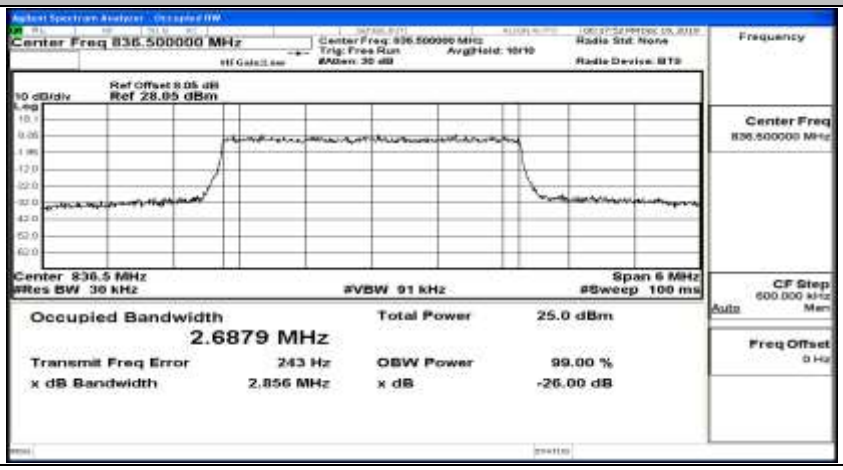
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



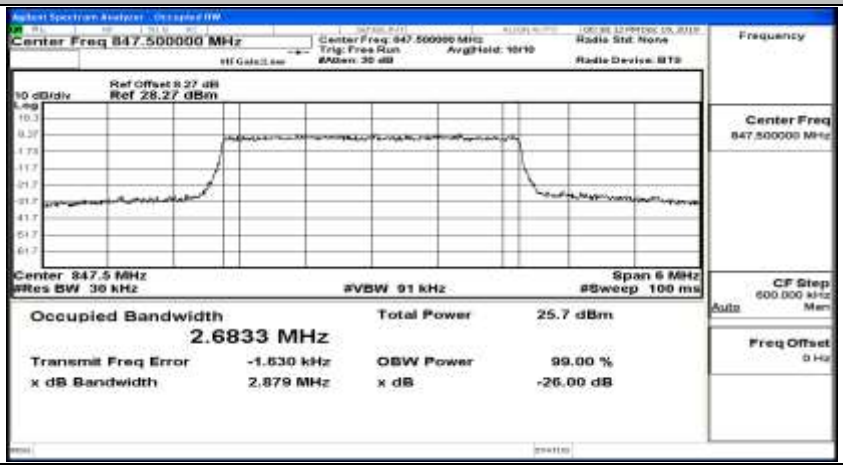
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



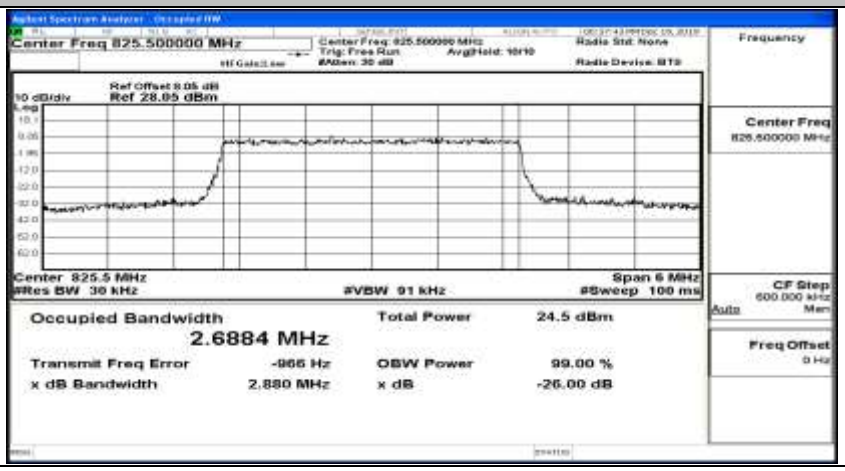
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



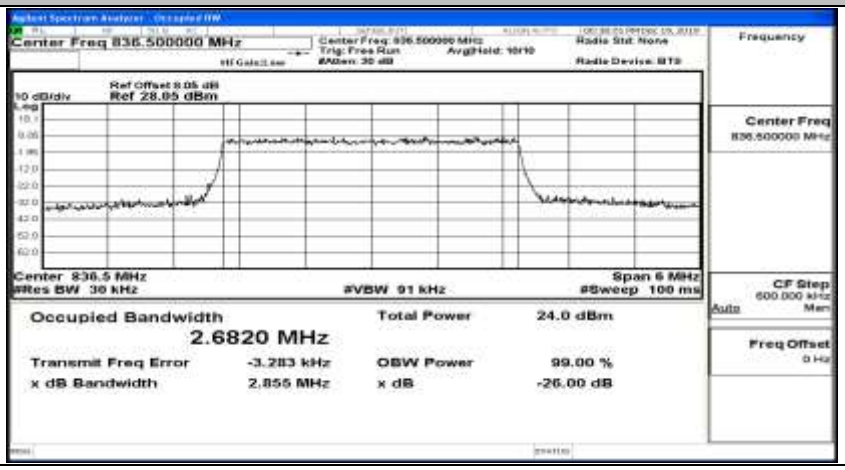
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



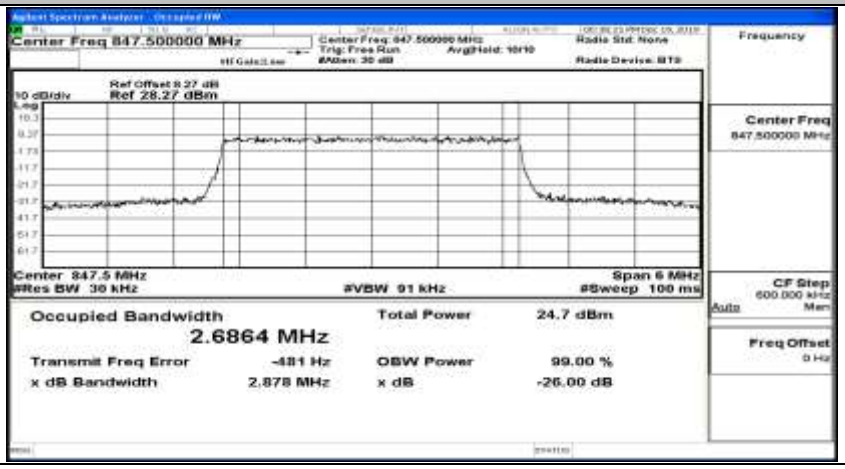
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



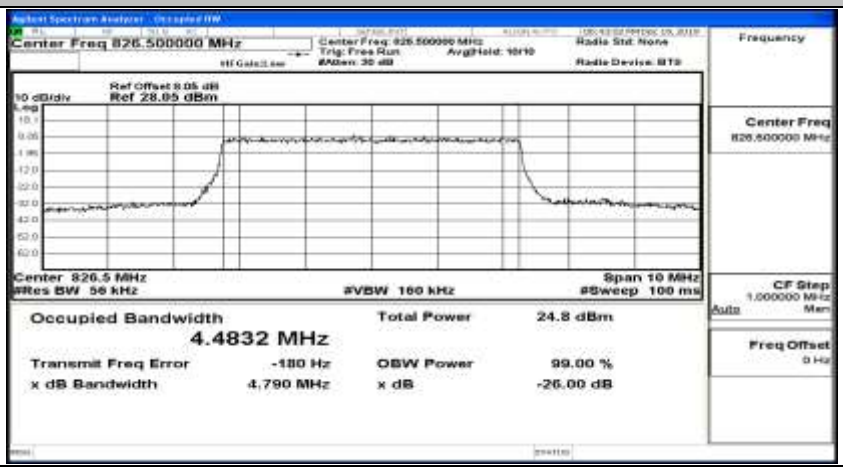
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



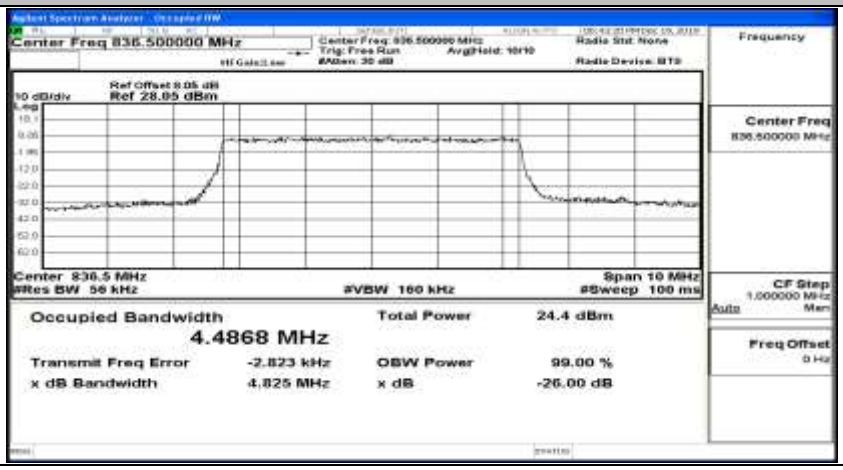
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



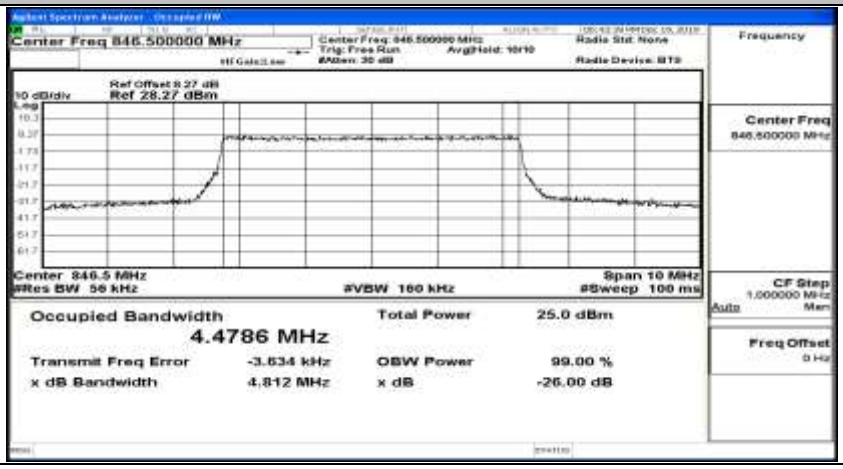
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



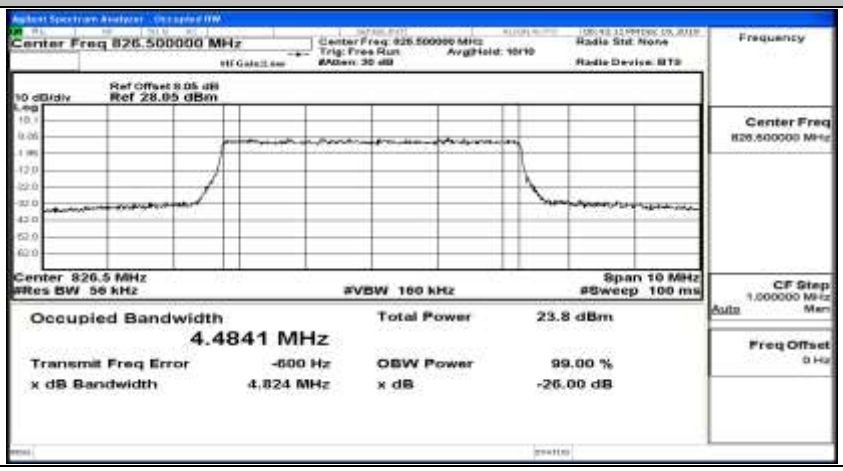
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



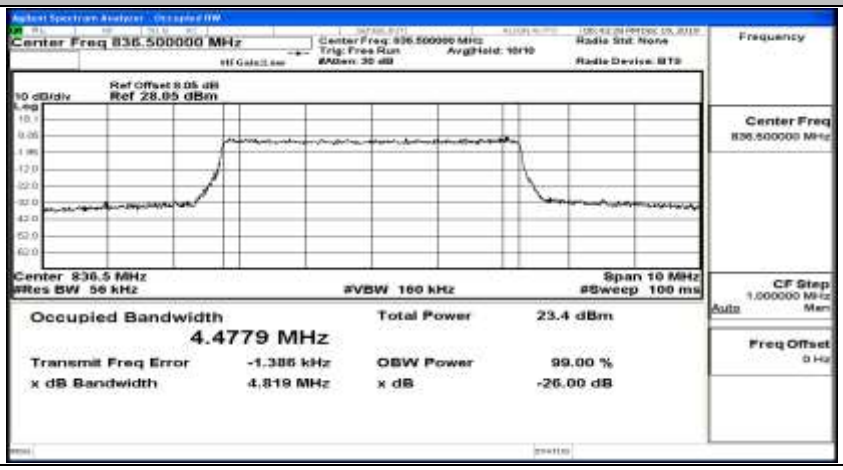
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



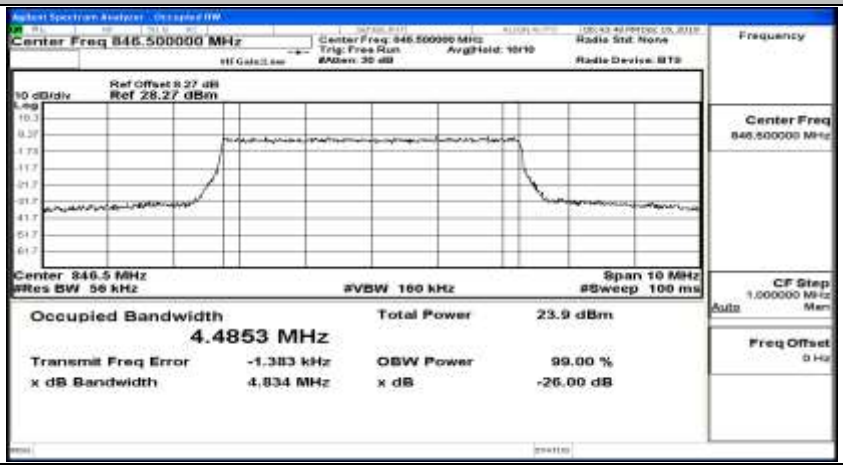
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



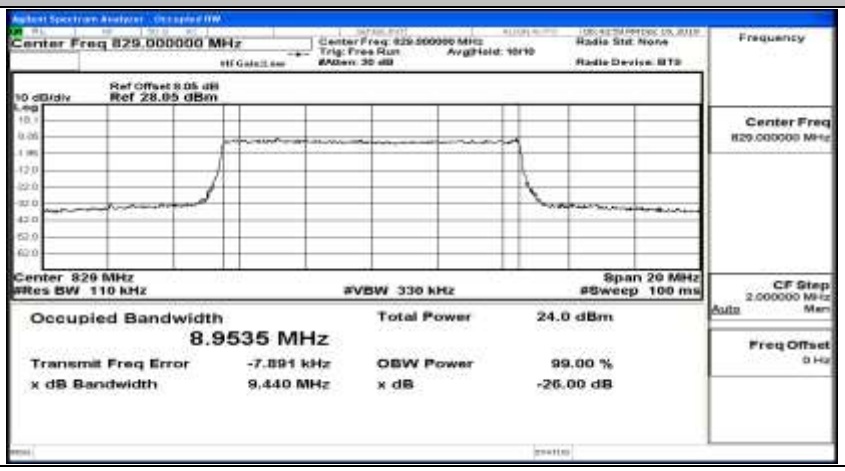
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



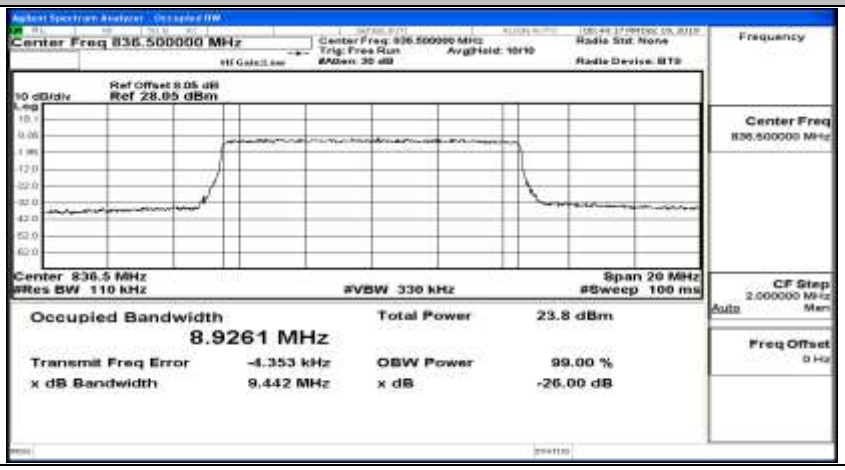
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



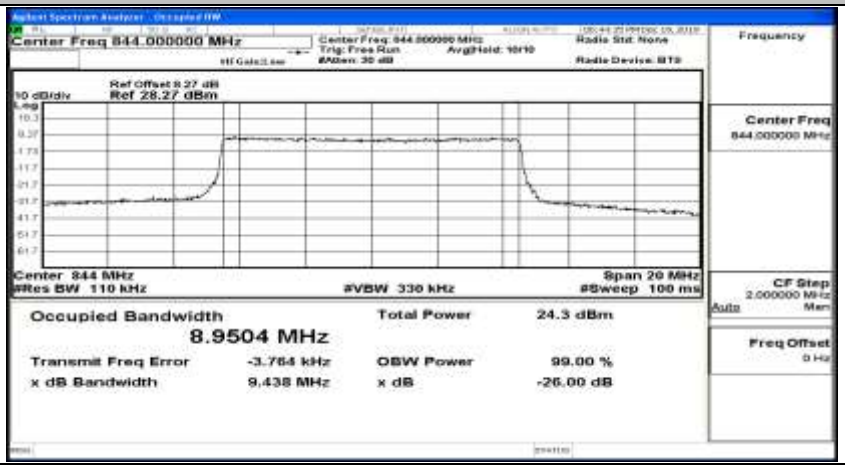
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



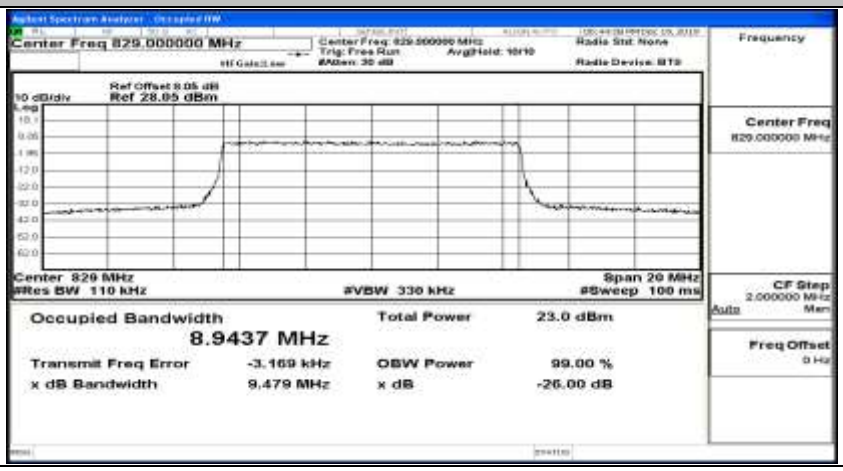
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



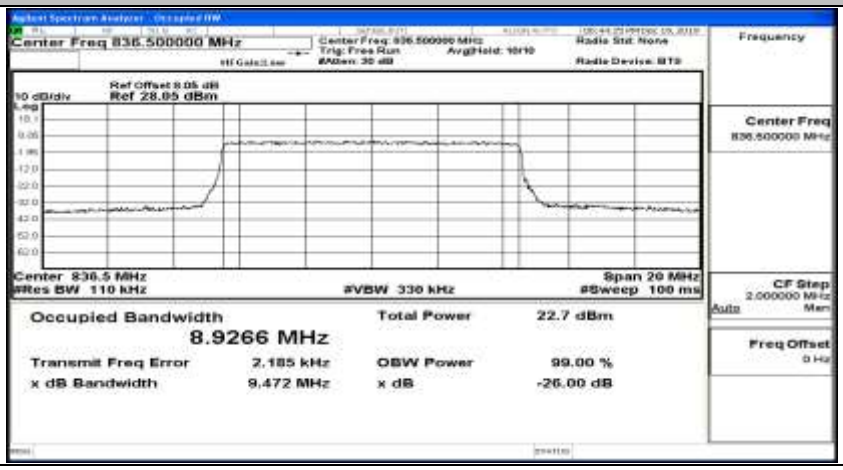
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



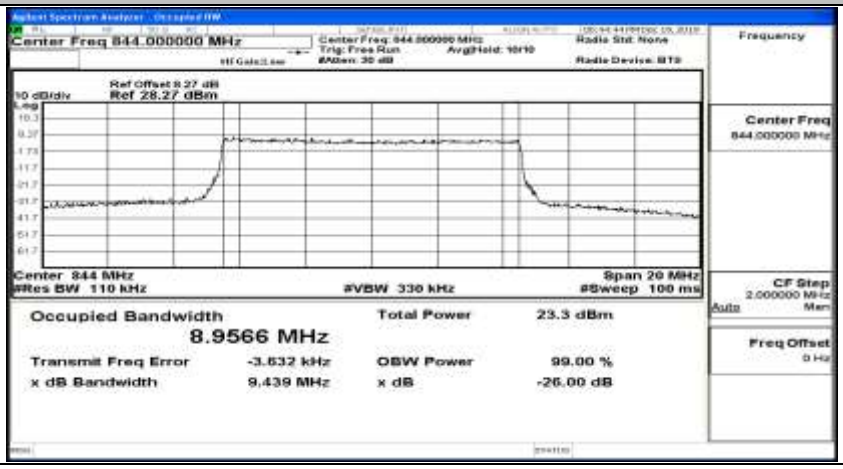
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

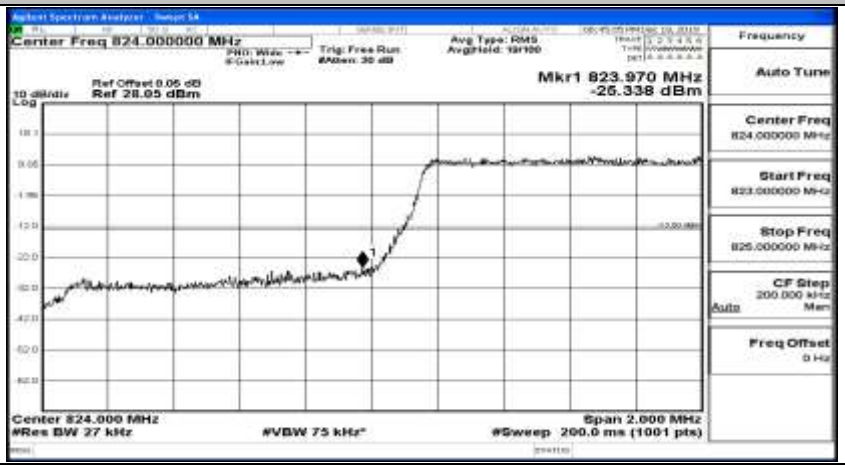


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

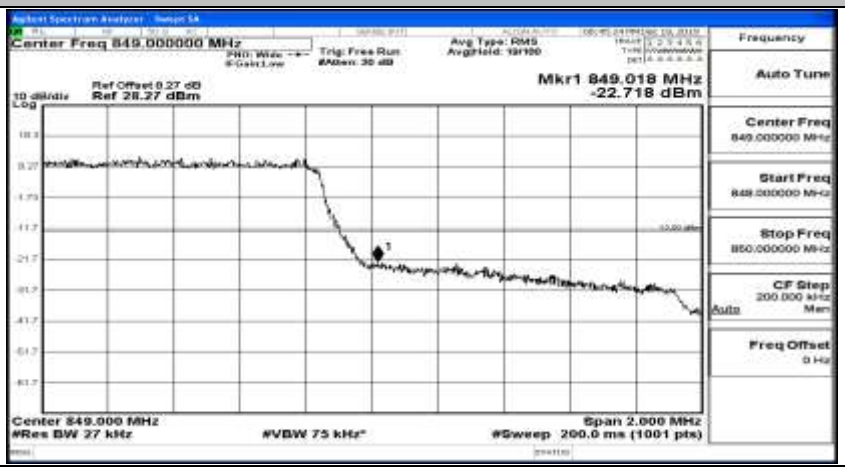


F.4 Band Edge

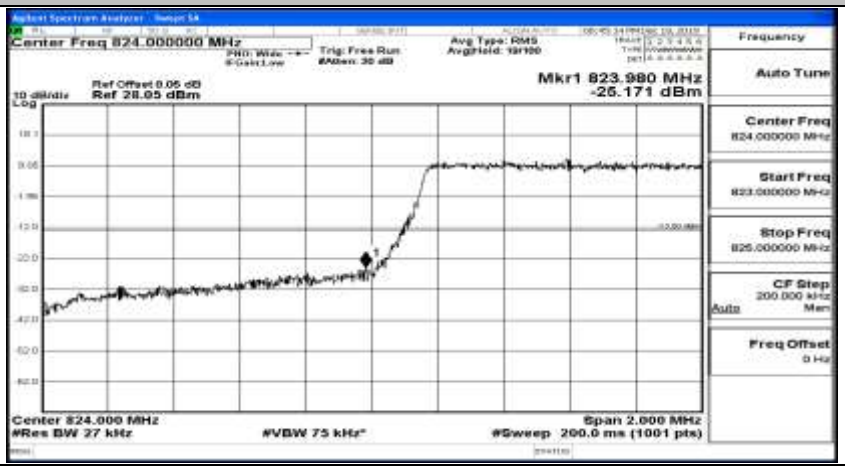
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



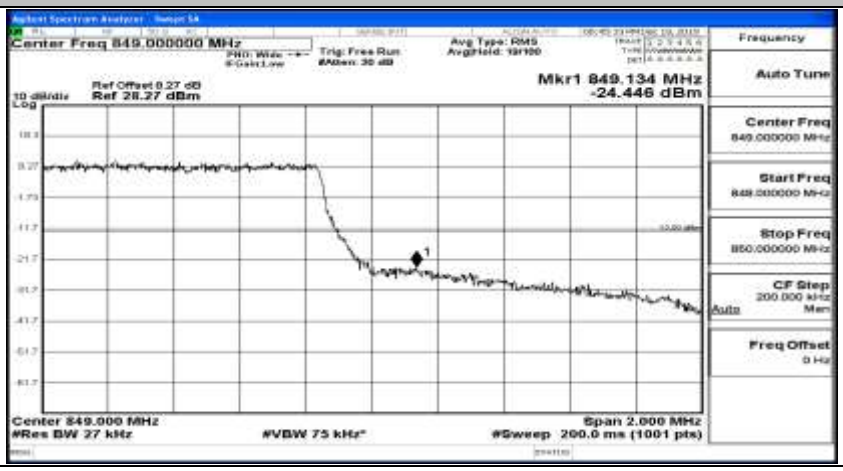
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



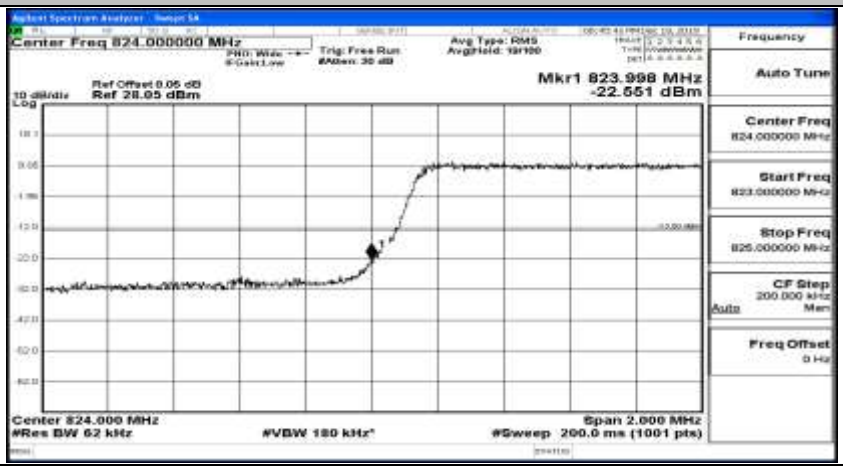
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



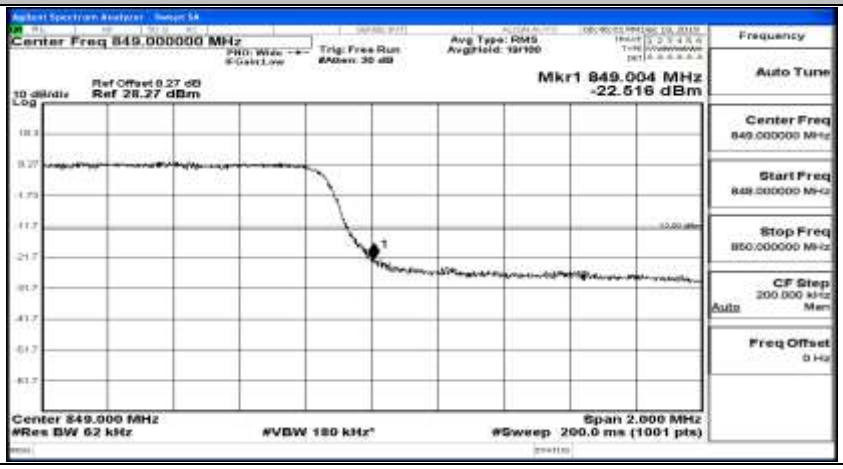
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



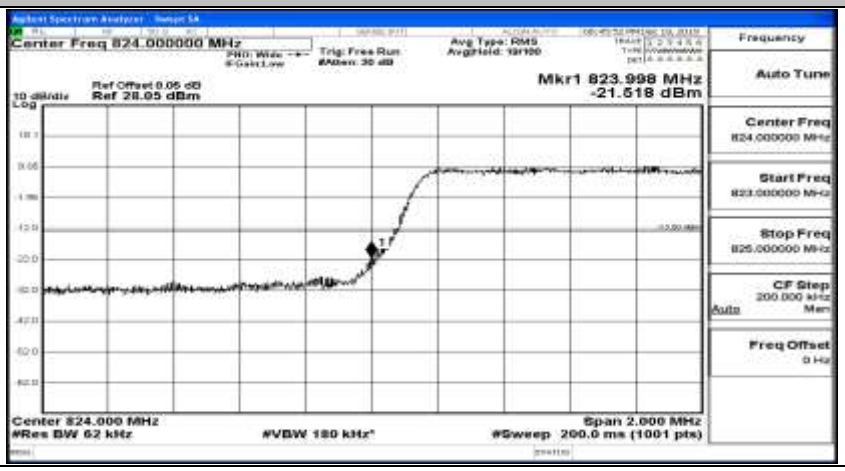
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



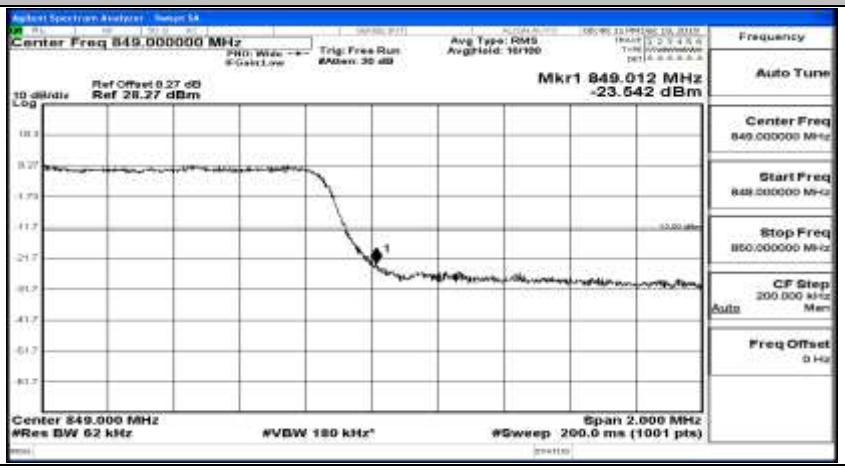
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



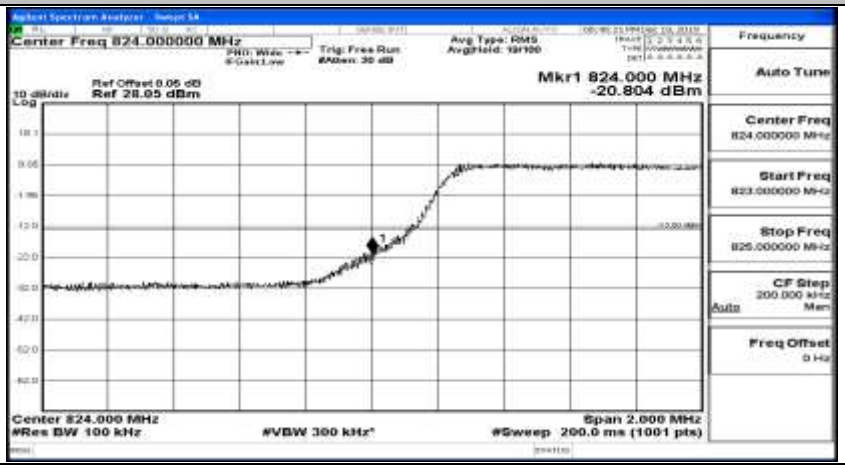
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



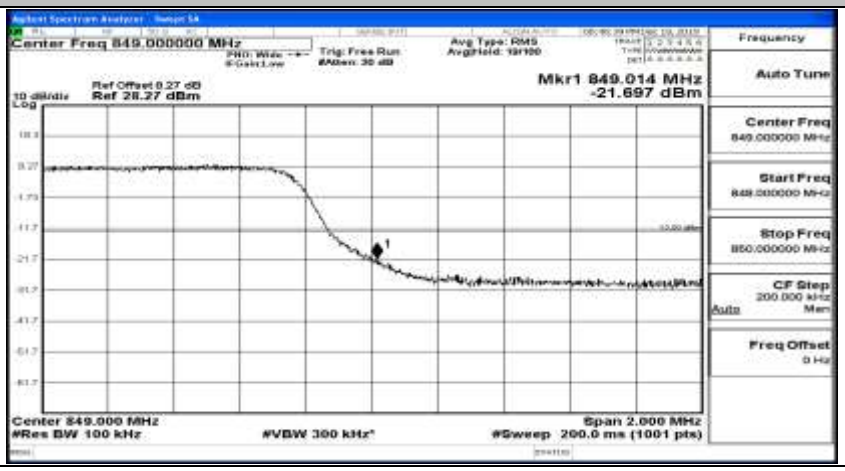
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



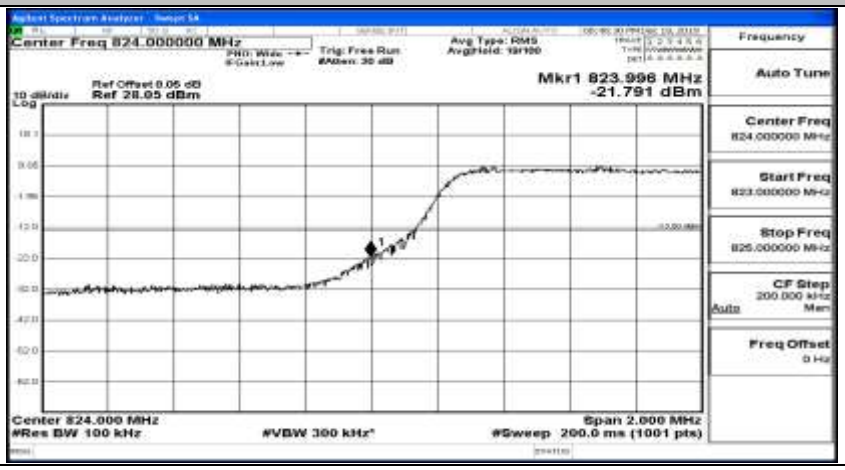
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK

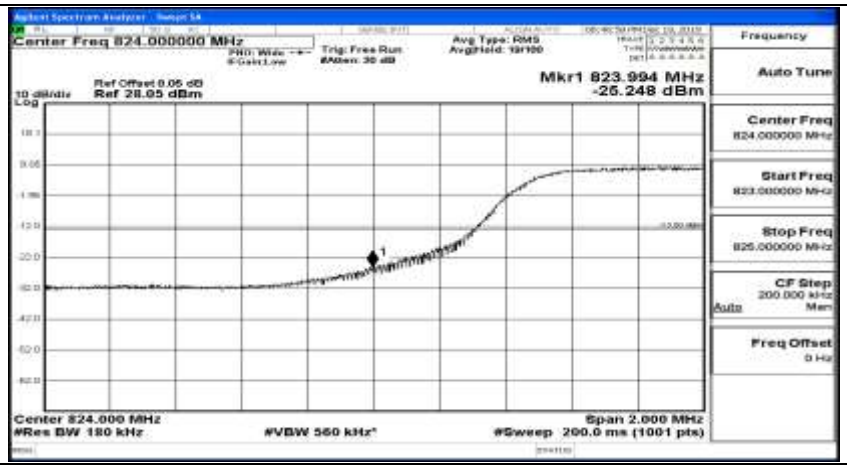


Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM

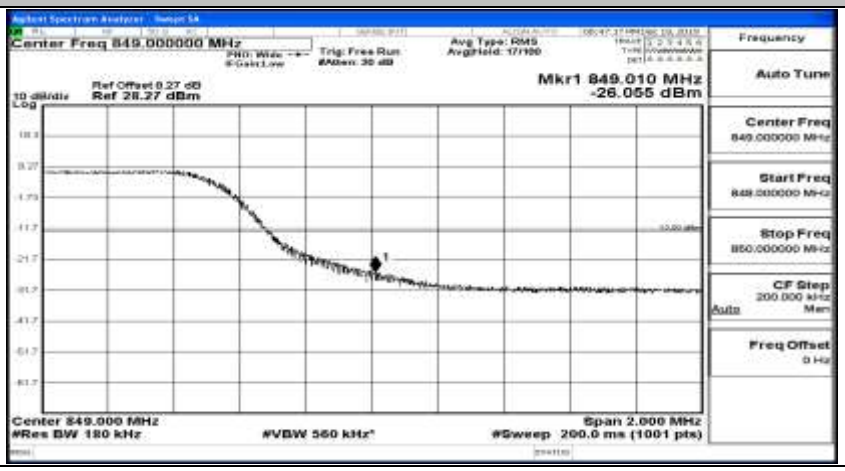


Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM

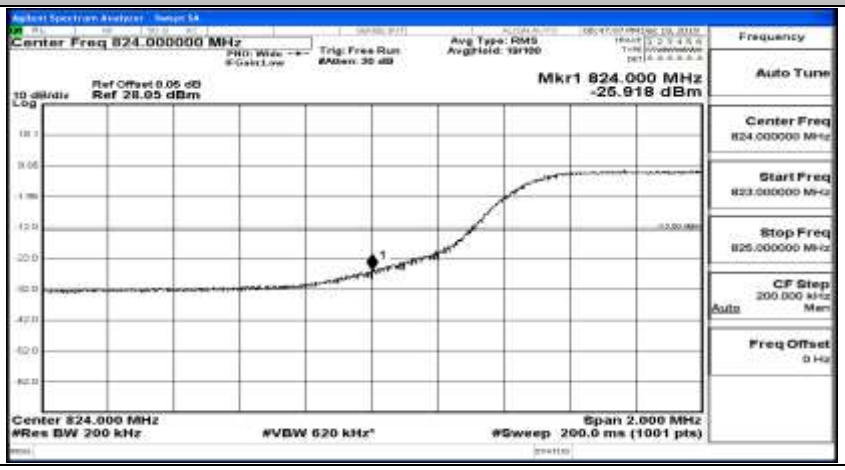
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK


Agilent Spectrum Analyzer - Swept SA
Center Freq 824.000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold: 10/100
Mkr1 823.994 MHz
-26.248 dBm
Ref Offset 8.05 dB
10 dB/div
Log
Ref 28.05 dBm
Center 824.000 MHz
#Res BW 180 kHz
#VBW 560 kHz*
Span 2.000 MHz
#Sweep 200.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
824.000000 MHz
Start Freq
823.000000 MHz
Stop Freq
825.000000 MHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

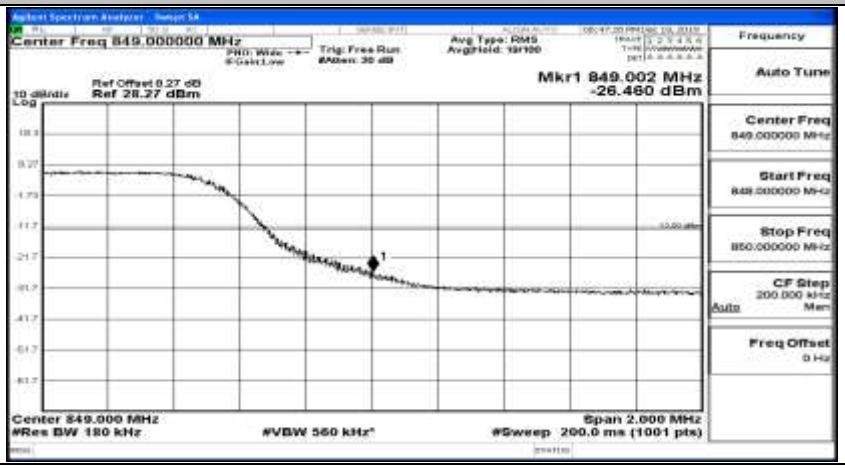
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



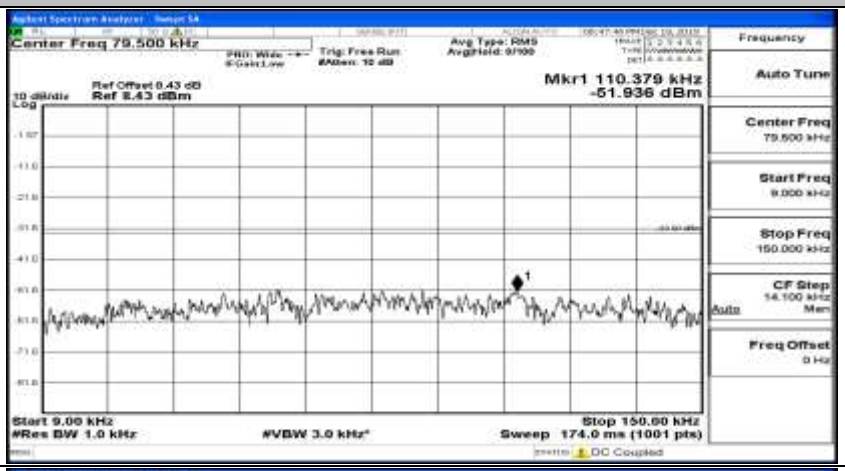
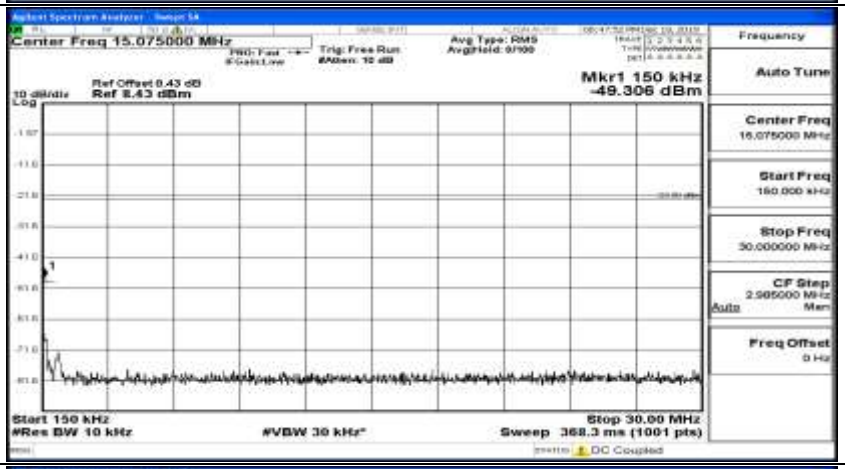
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



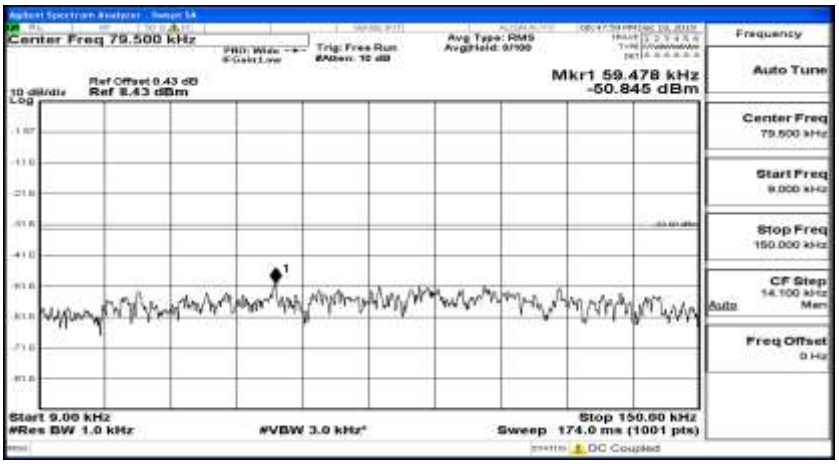
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

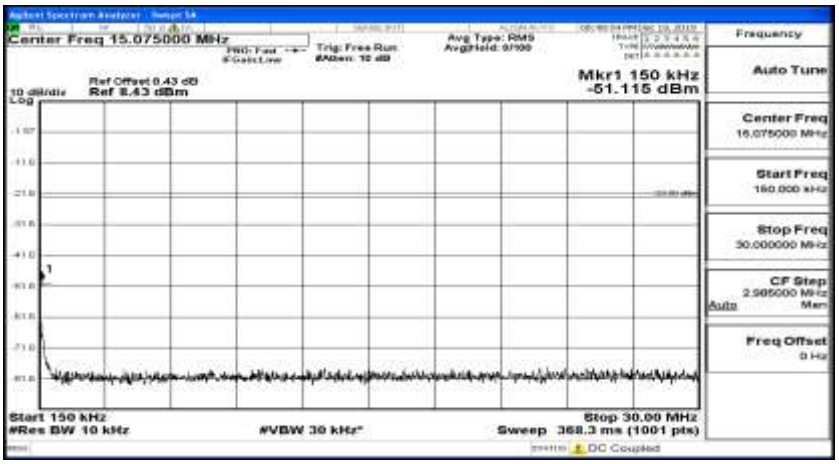


F.5 Conducted Spurious Emission

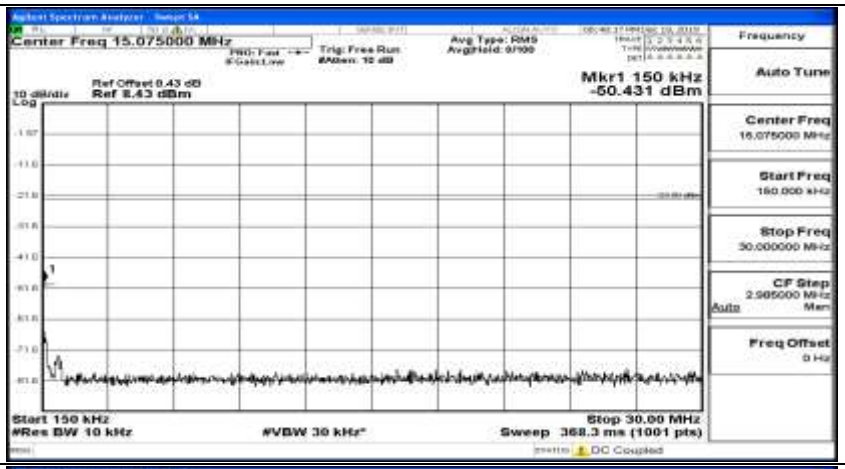
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

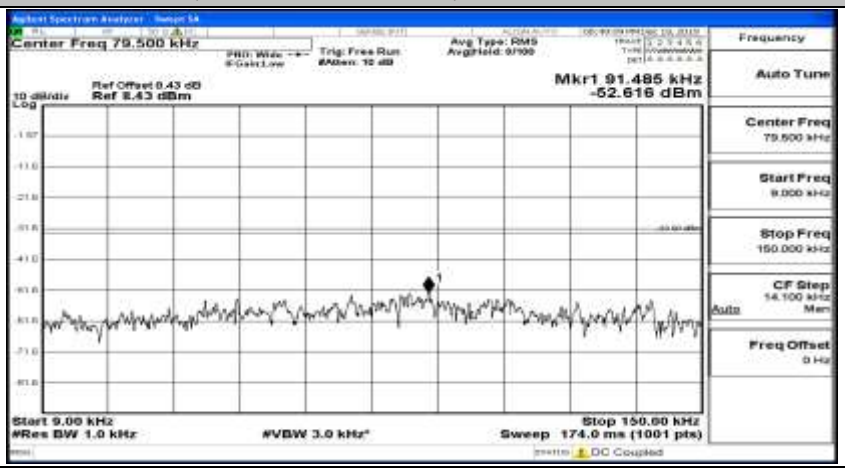


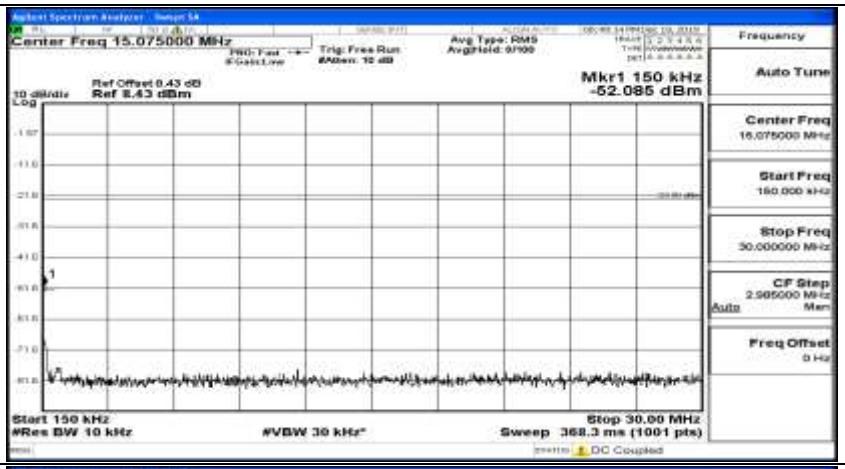


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

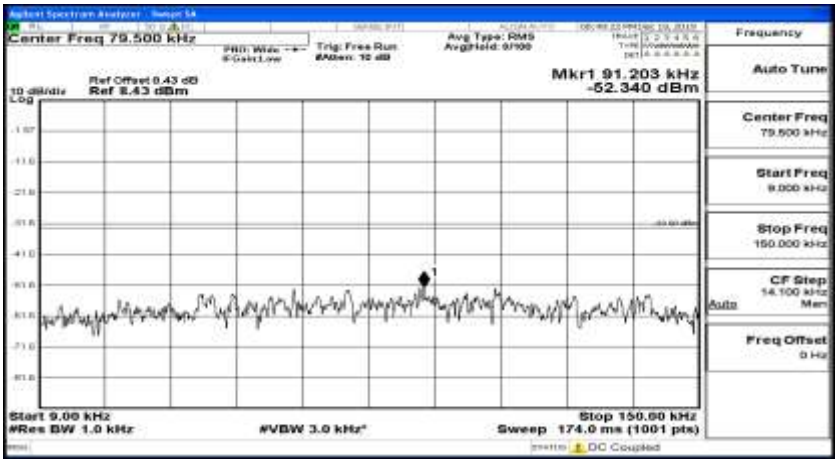


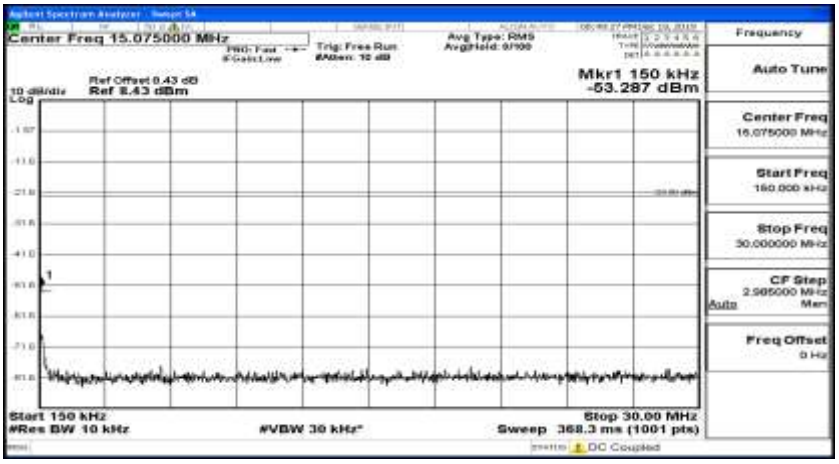
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



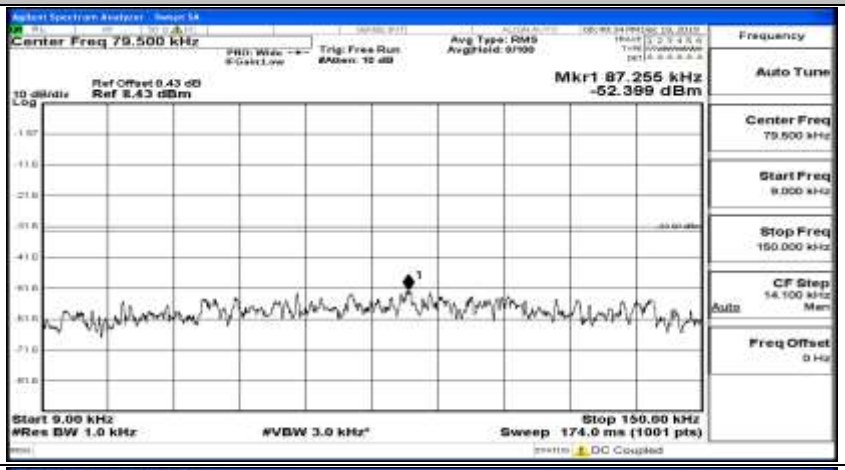


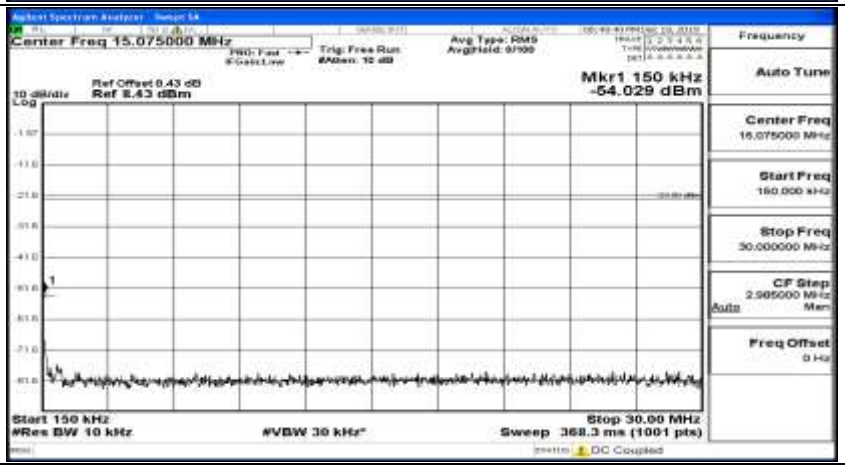
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



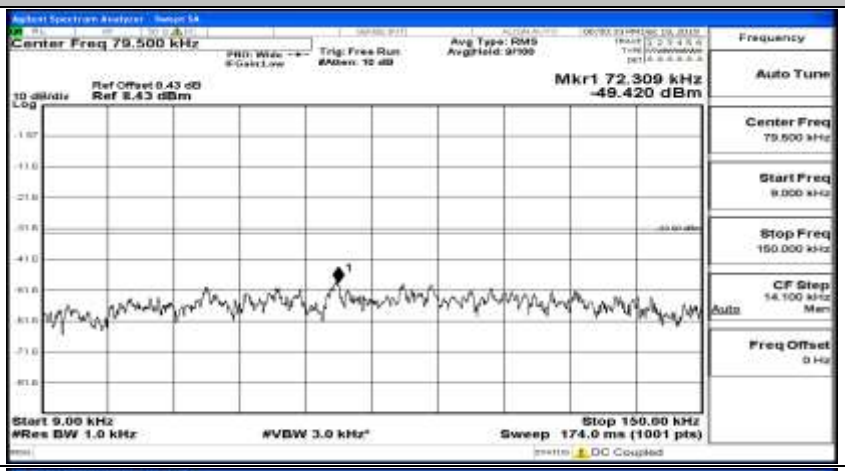


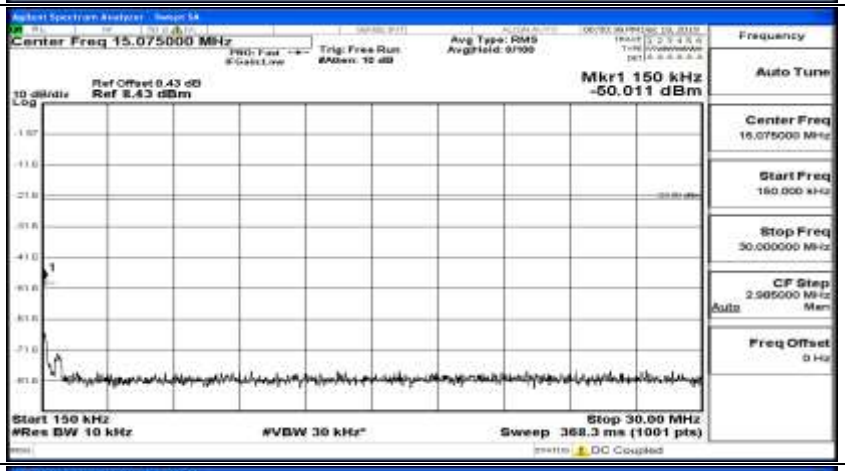
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



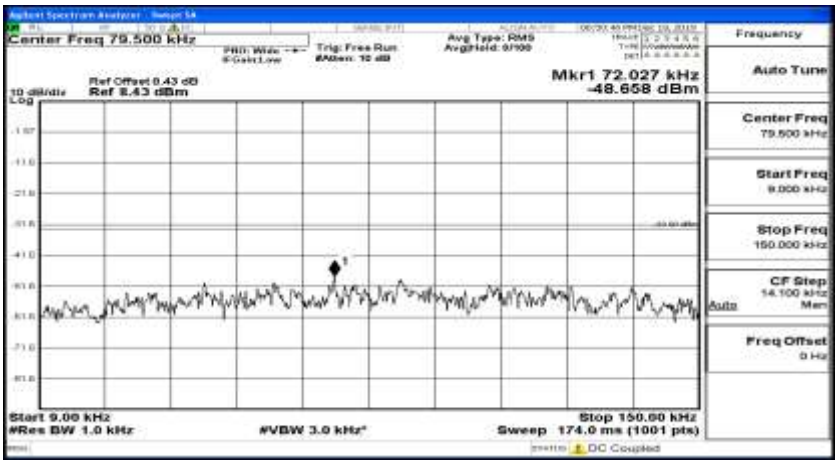


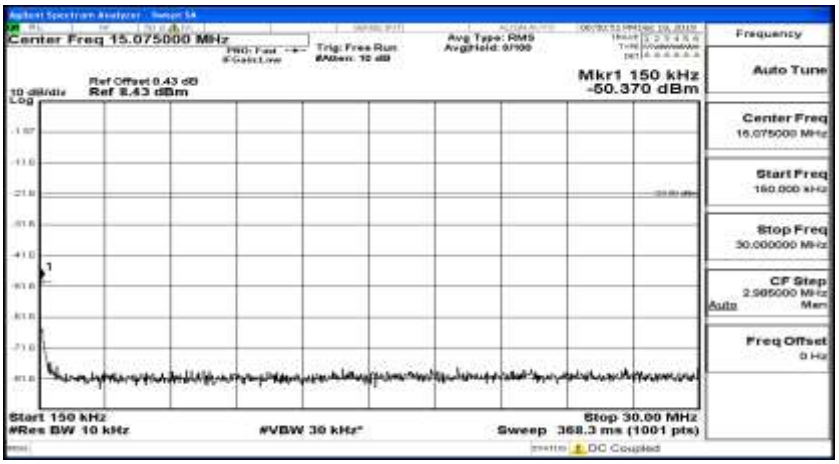
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



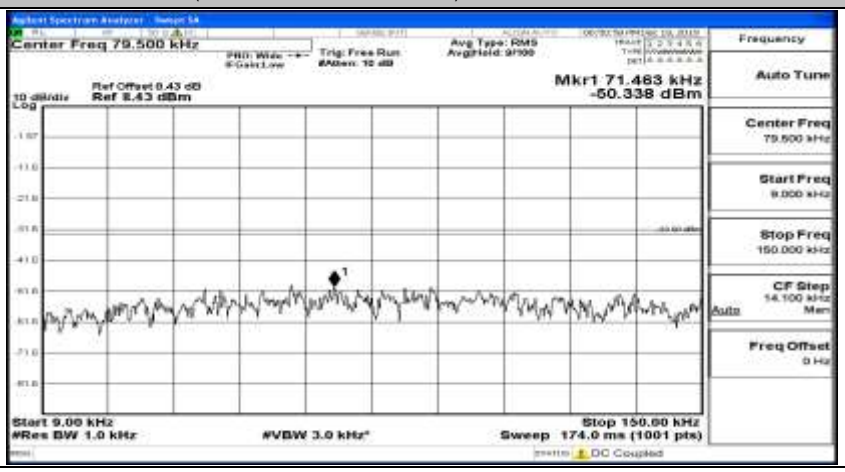


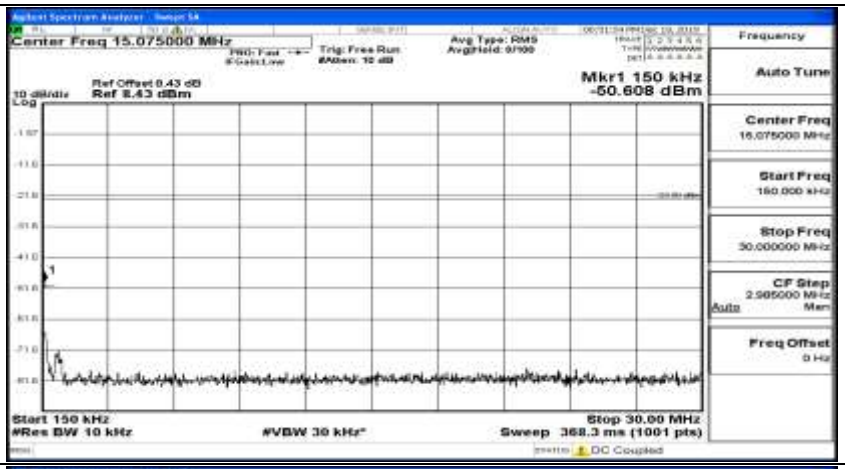
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



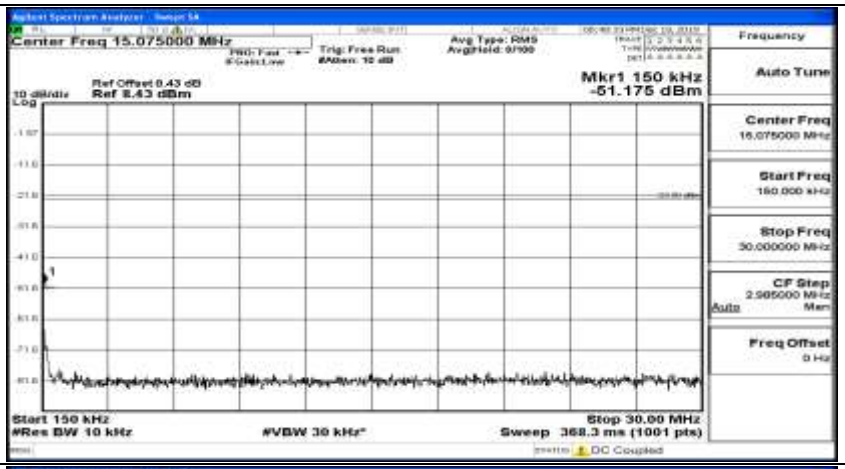


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

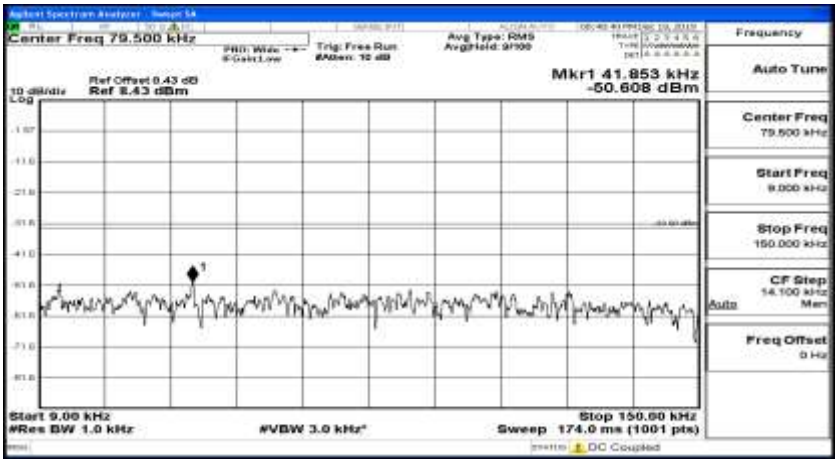


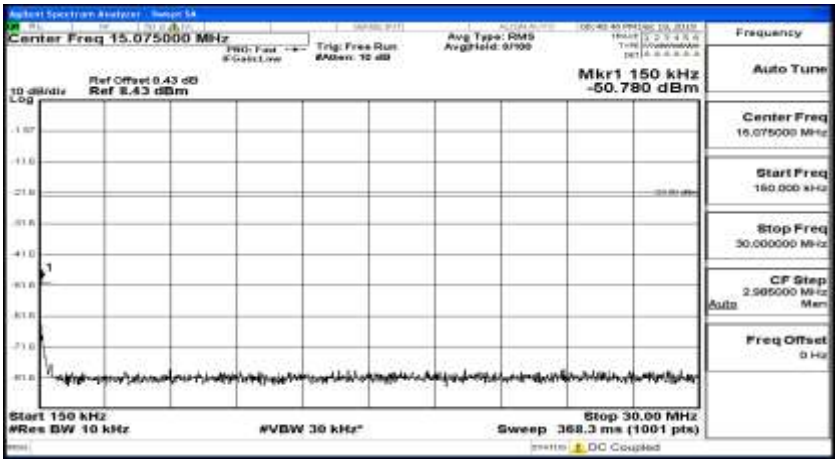


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

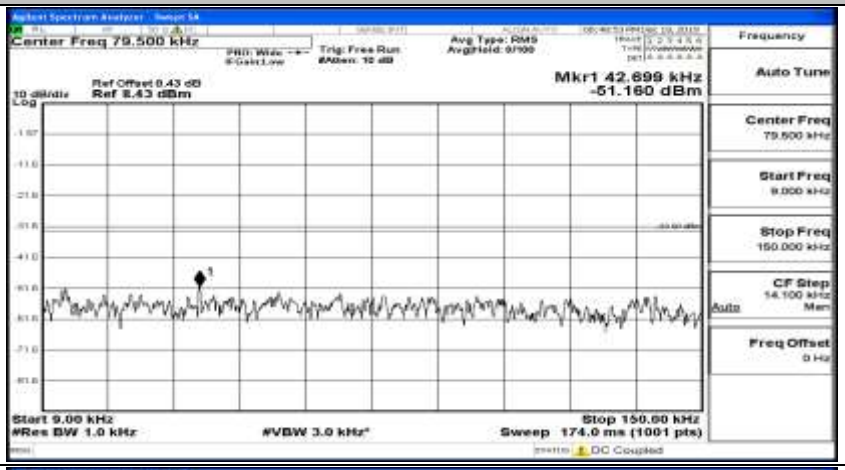


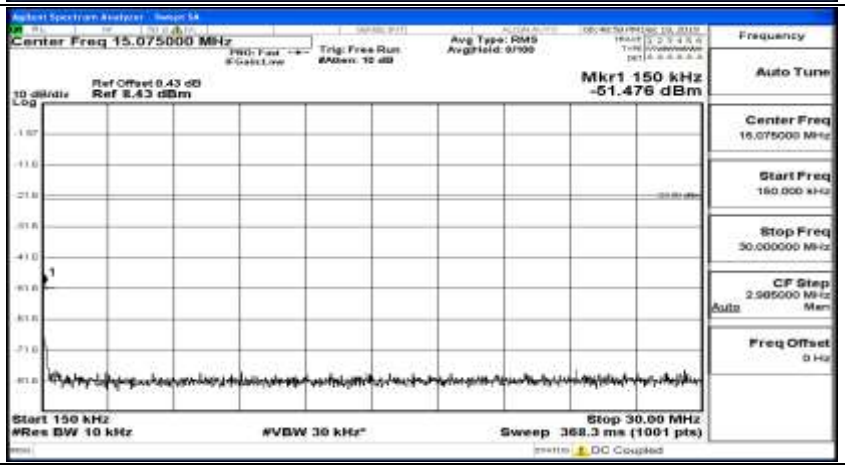
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



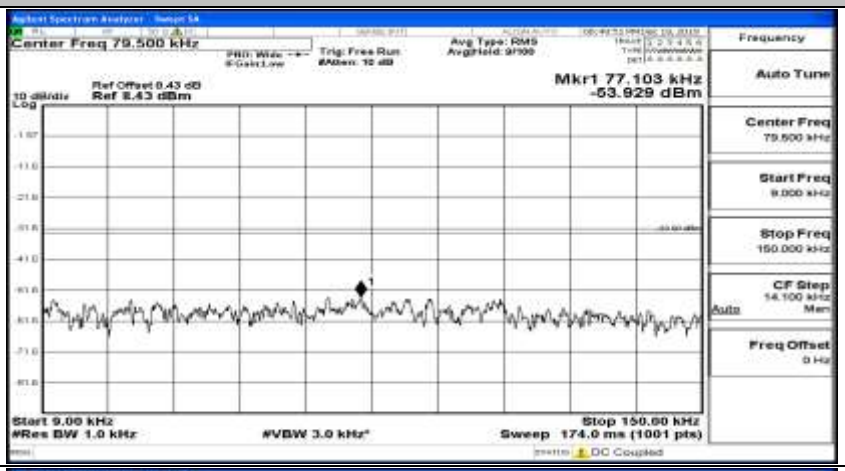


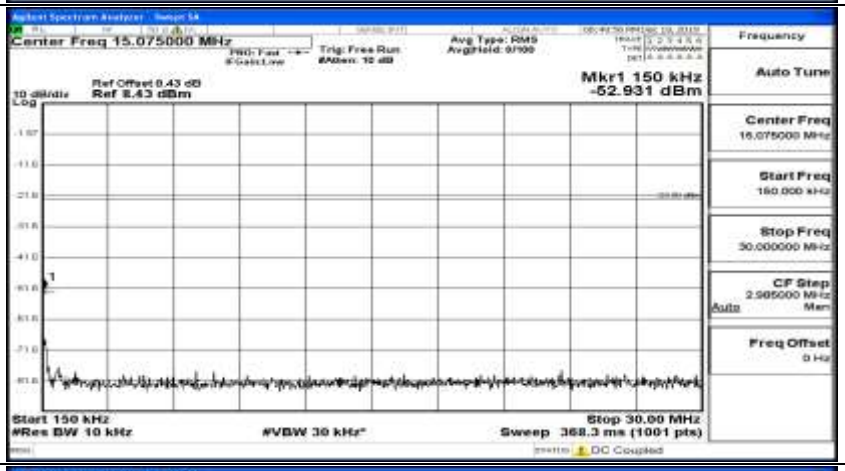
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



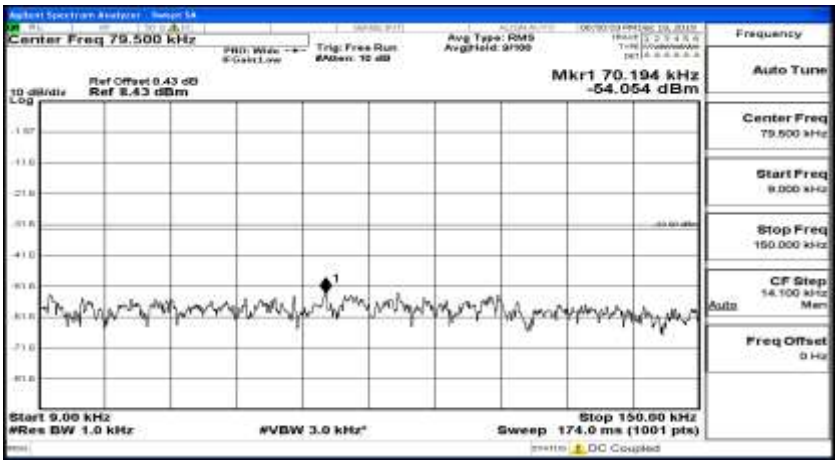


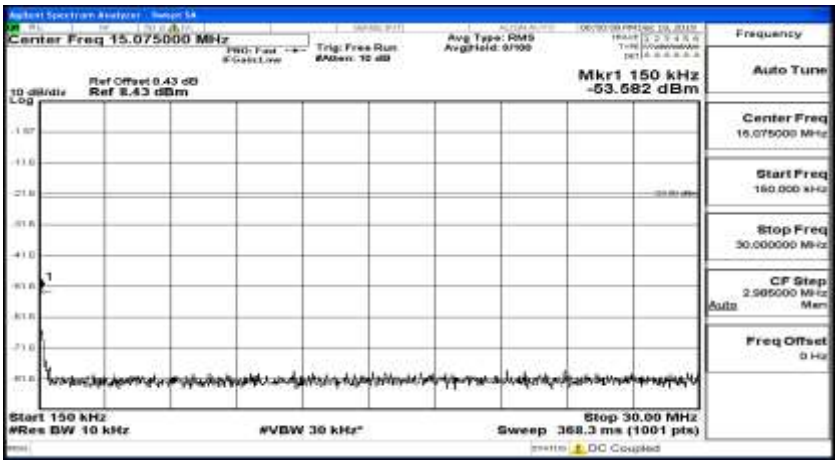
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



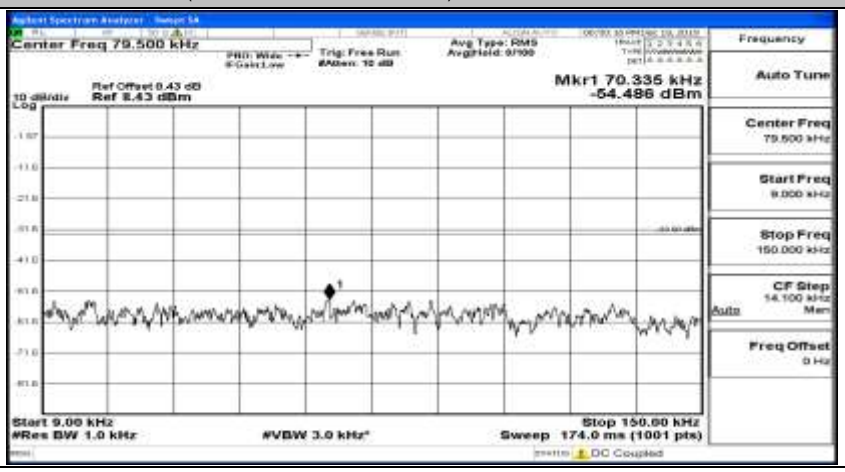


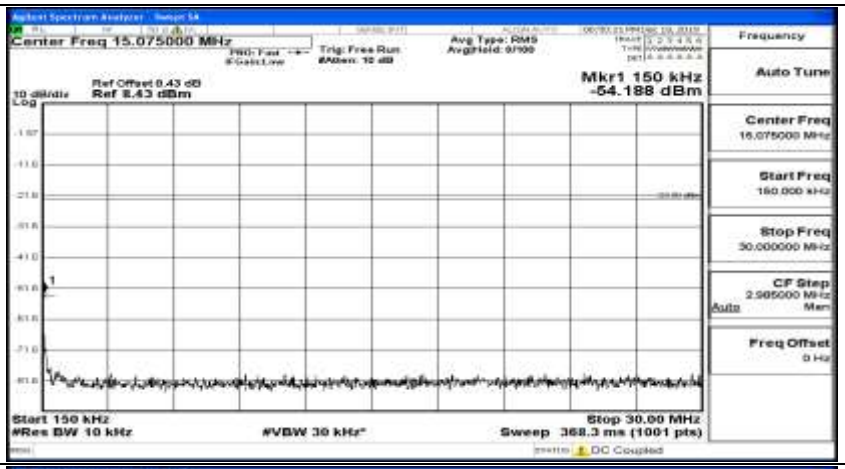
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



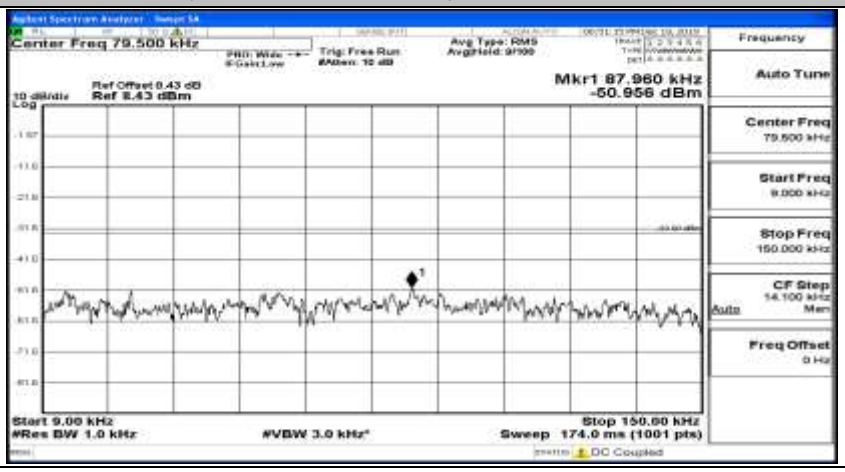


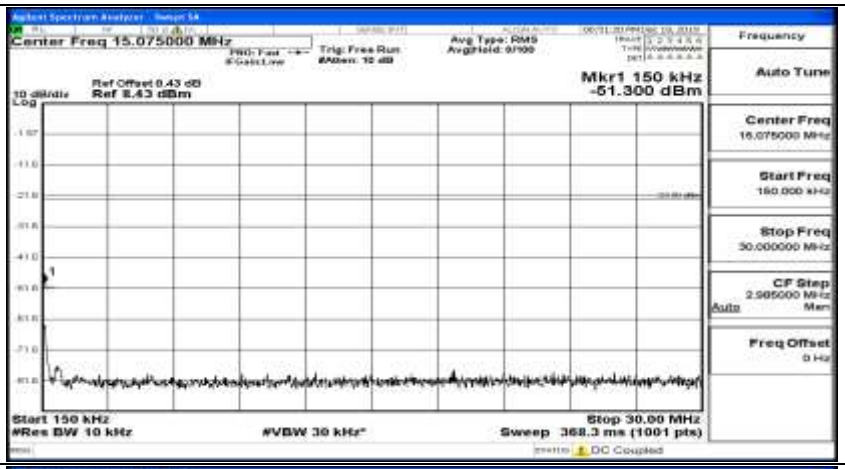
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



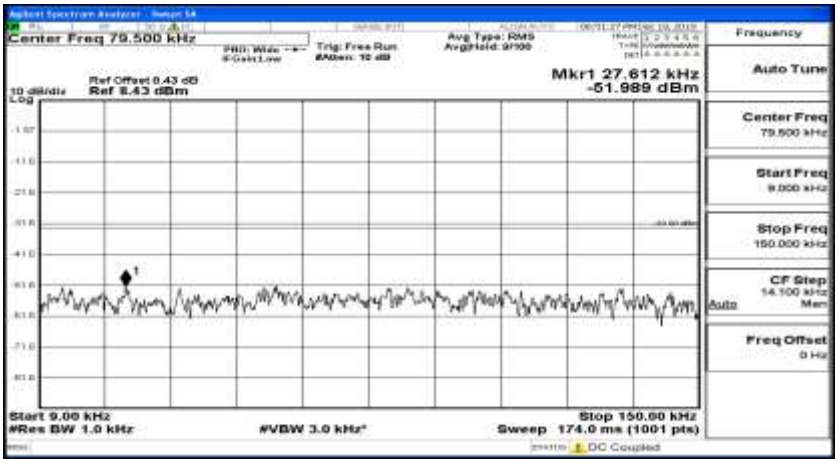


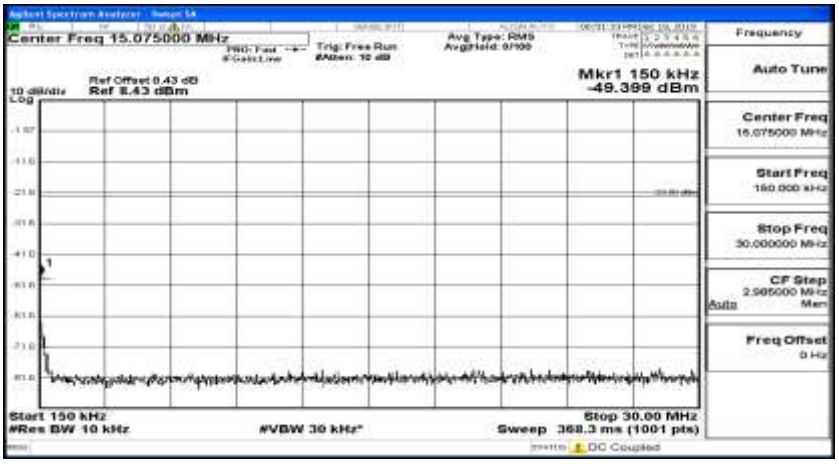
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

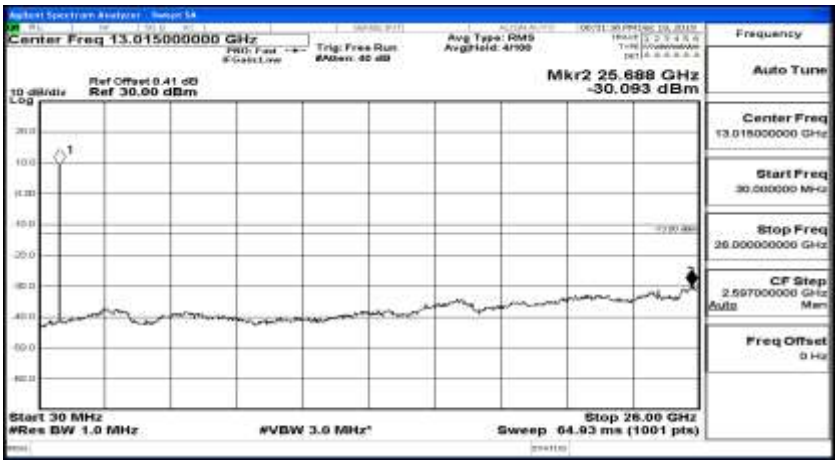




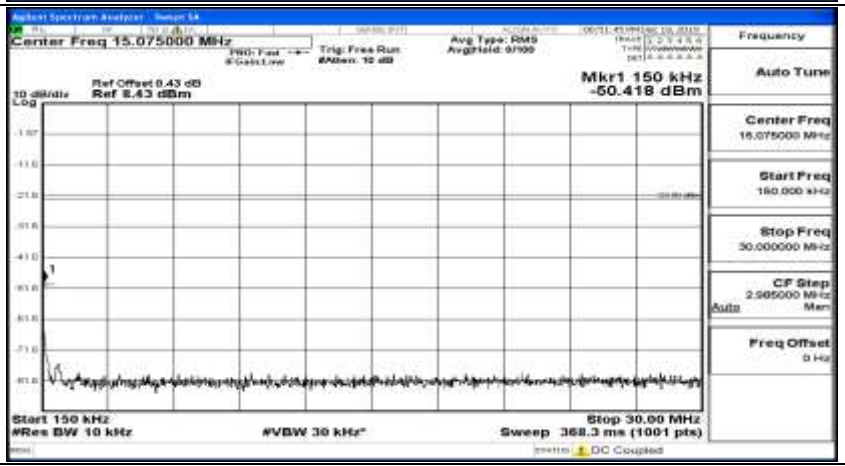
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3





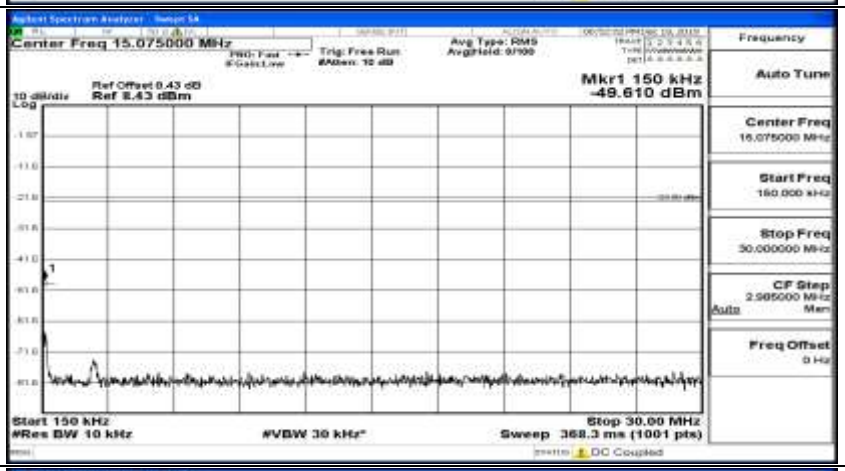


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

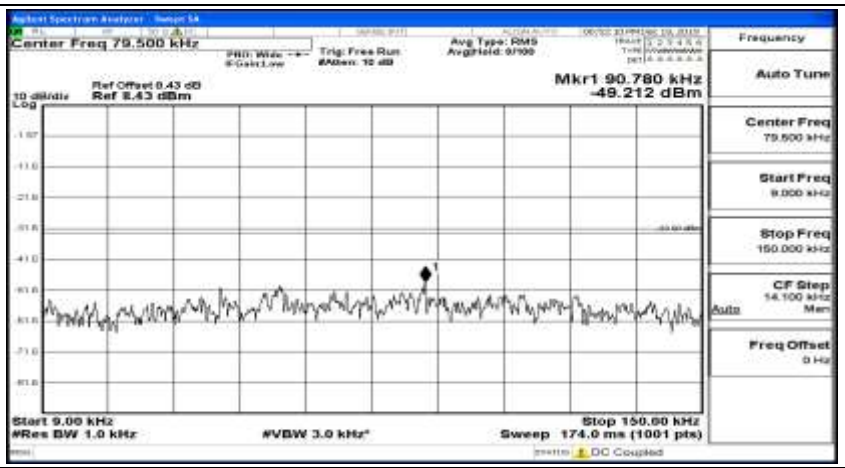


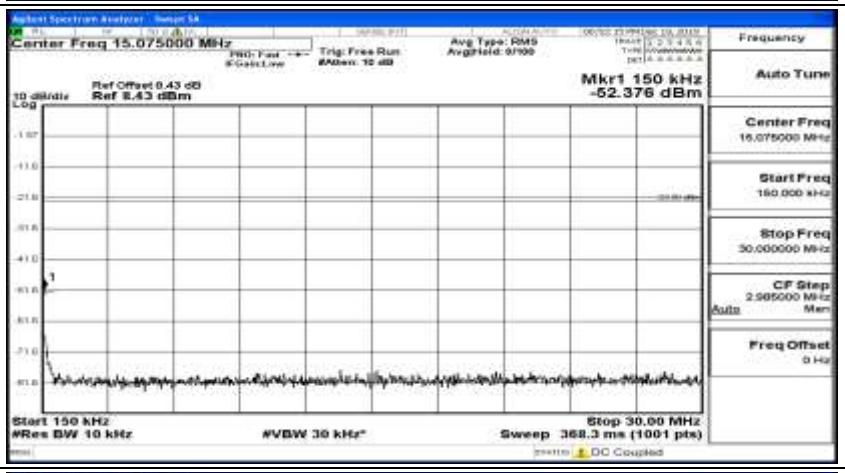
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

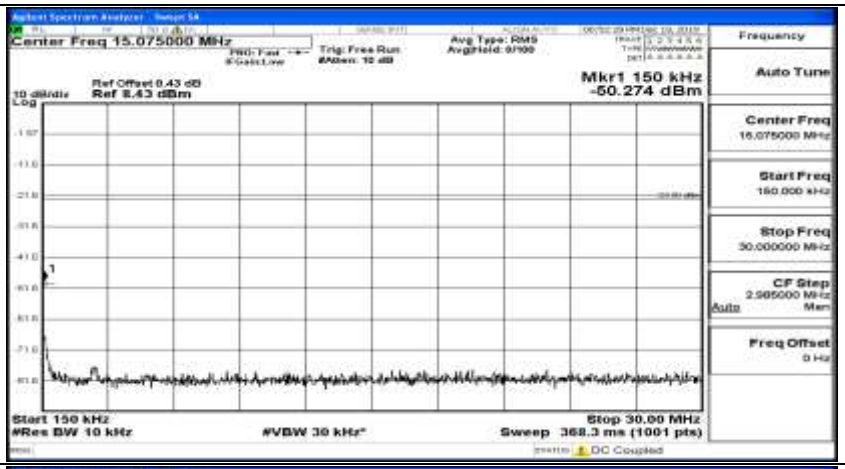


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

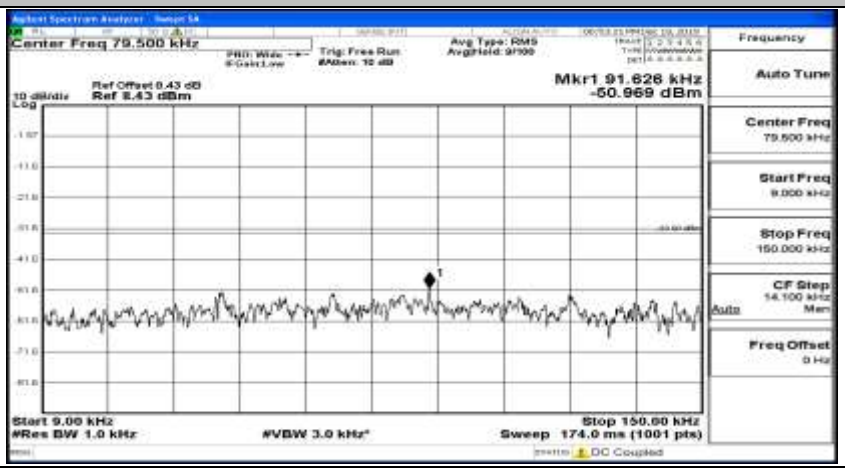


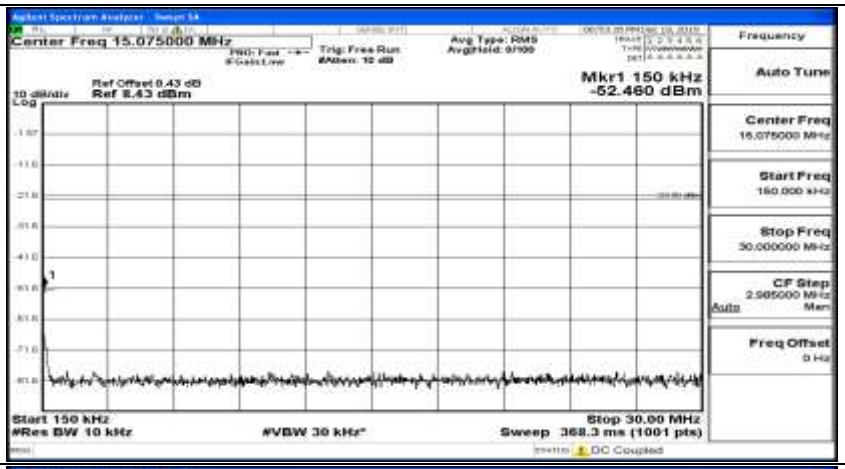


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

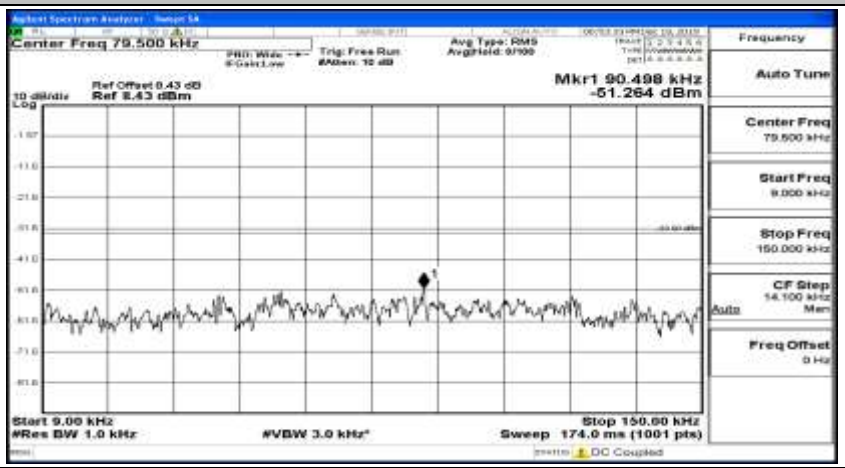


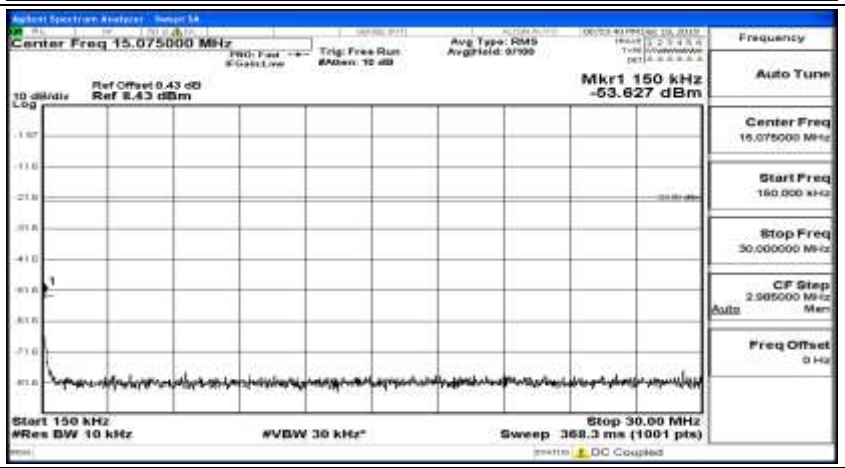
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



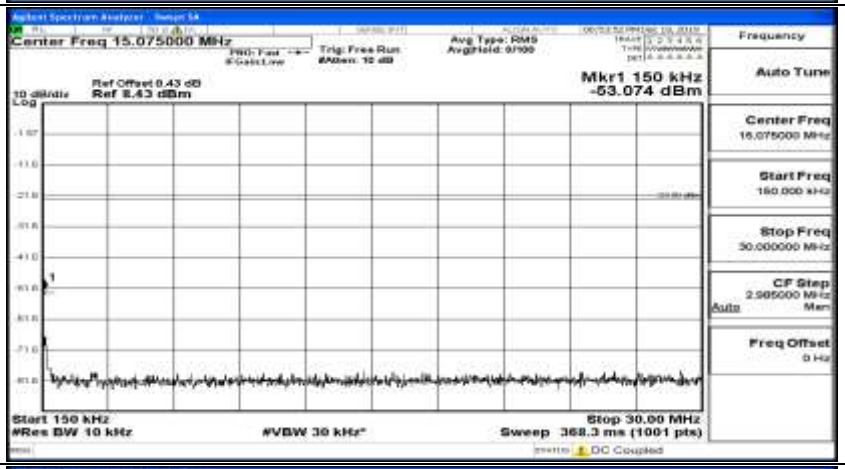


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

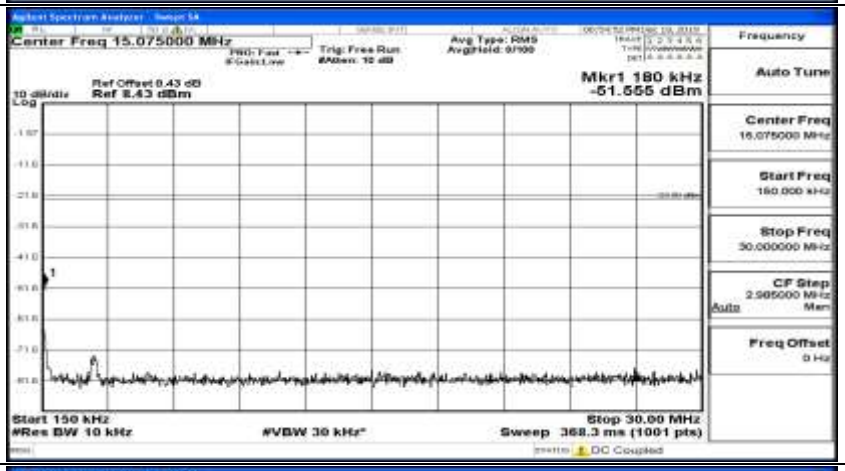




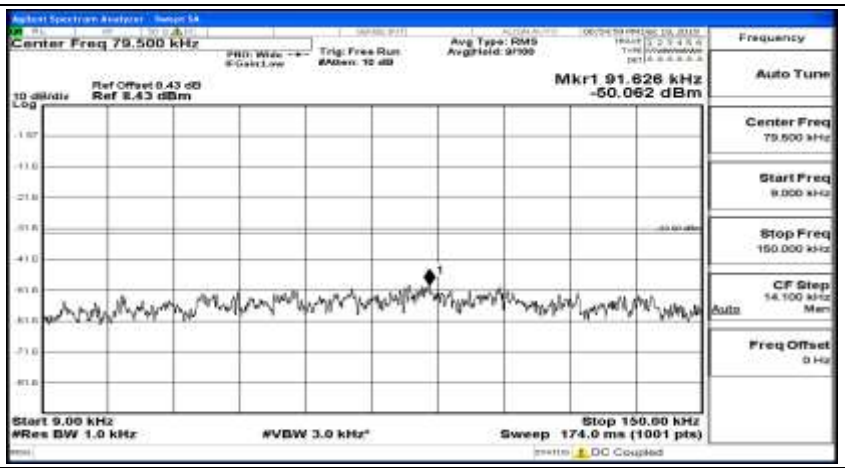
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

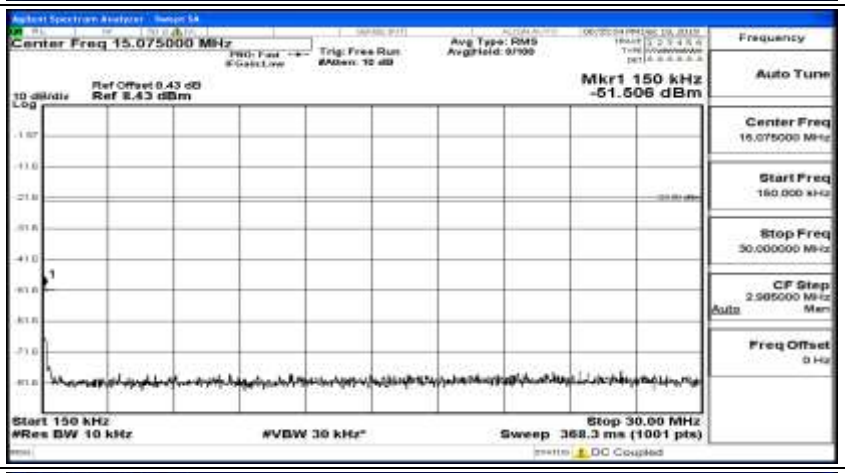


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

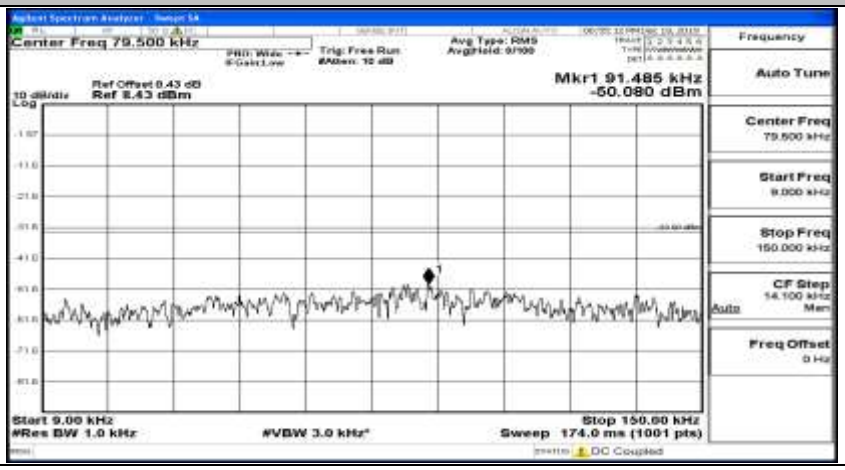


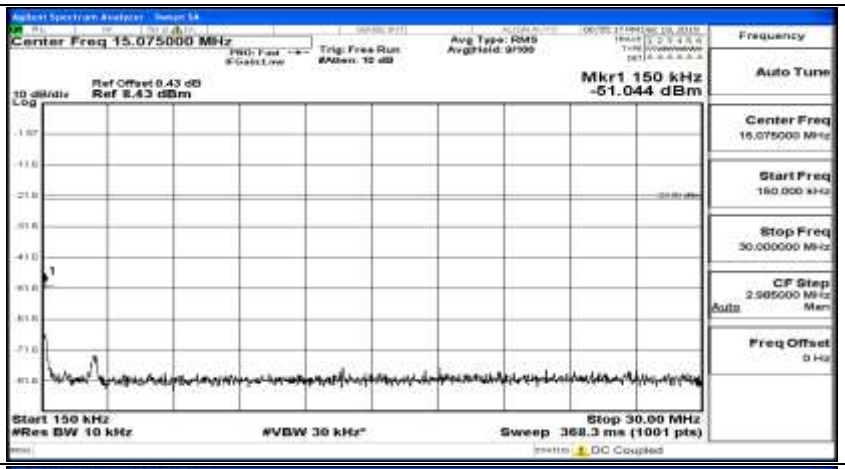
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7





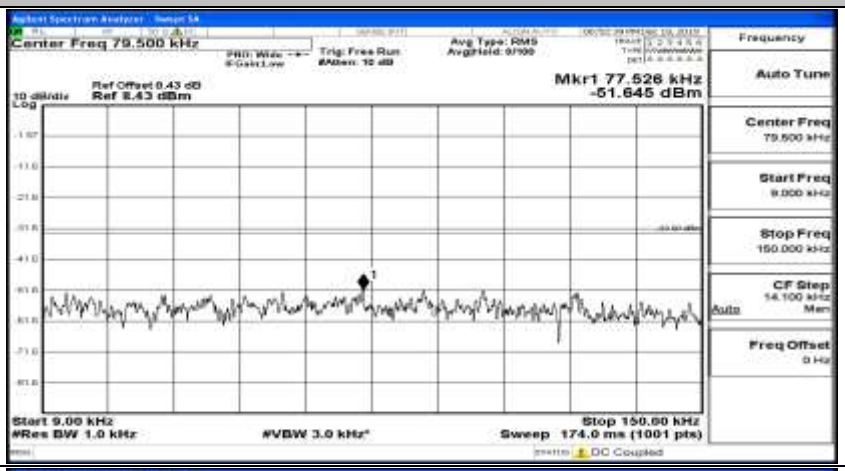
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

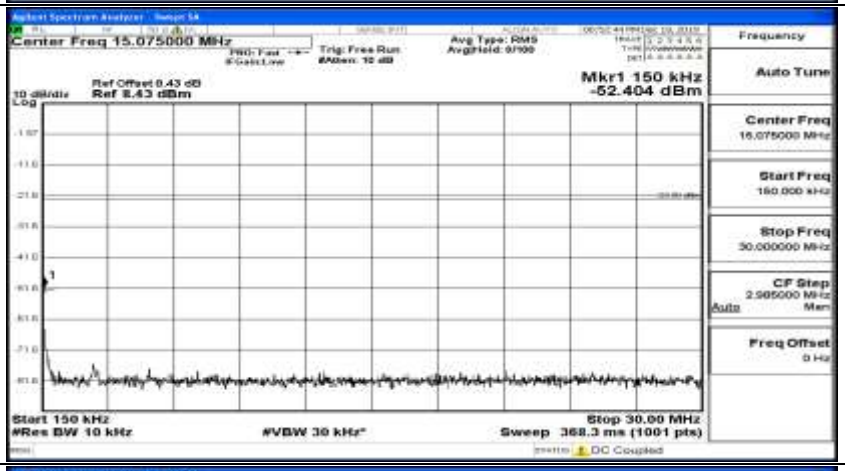



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 9/100
Mkr1 150 kHz
-51.044 dBm
Ref Offset 8.43 dB
10 dB/div
Ref 8.43 dBm
Log
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

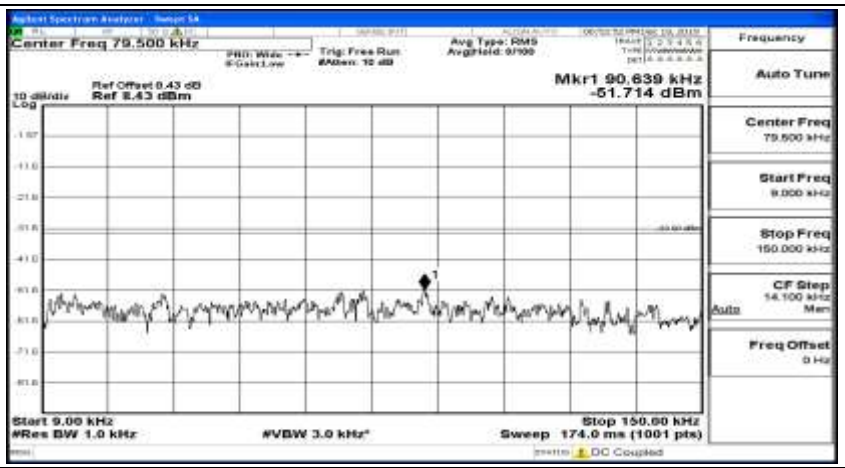

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
Mkr2 25.818 GHz
-30.181 dBm
Ref Offset 8.41 dB
10 dB/div
Ref 30.00 dBm
Log
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)
Frequency
Auto Tune
Center Freq
13.015000000 GHz
Start Freq
30.000000 MHz
Stop Freq
26.000000000 GHz
CF Step
2.597000000 GHz
Auto
Man
Freq Offset
0 Hz

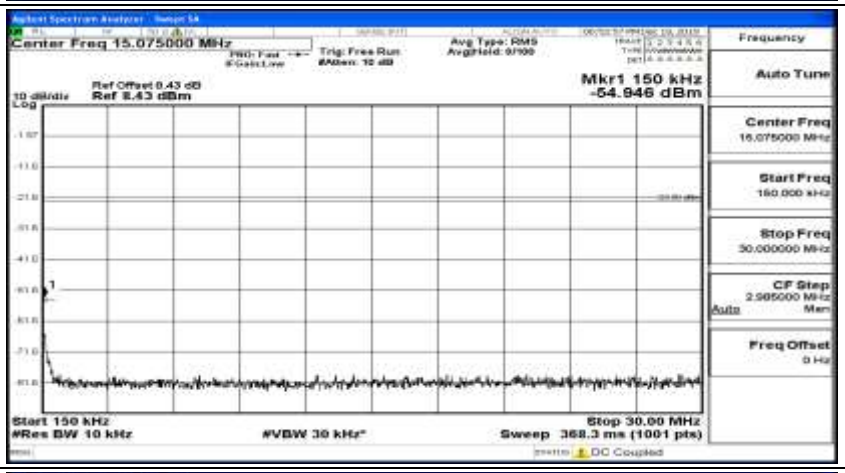
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



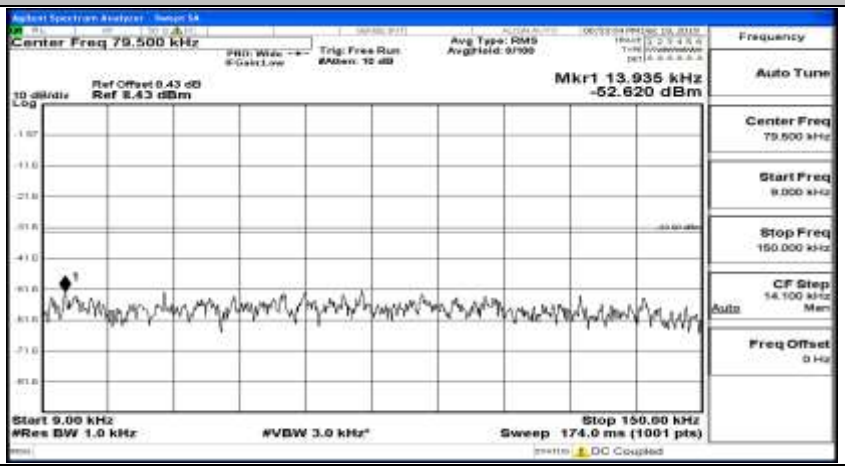


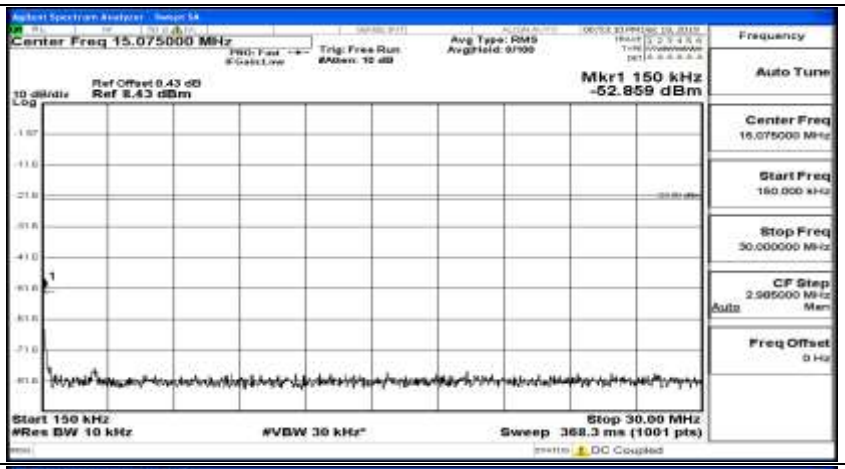
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7





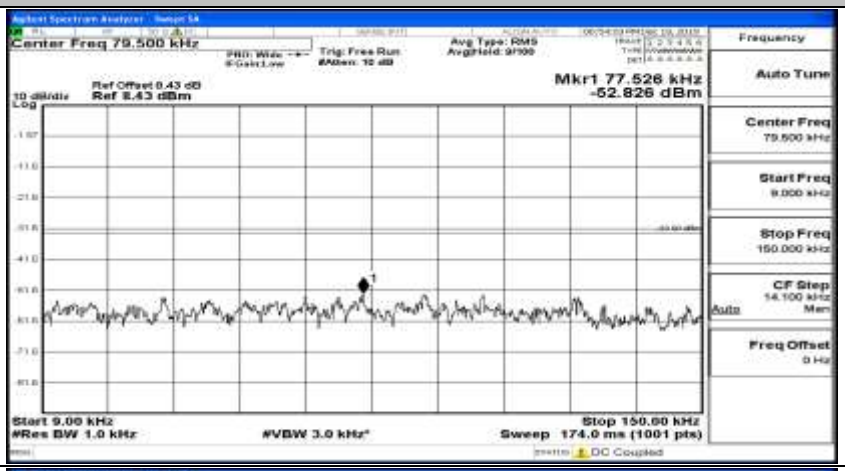
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

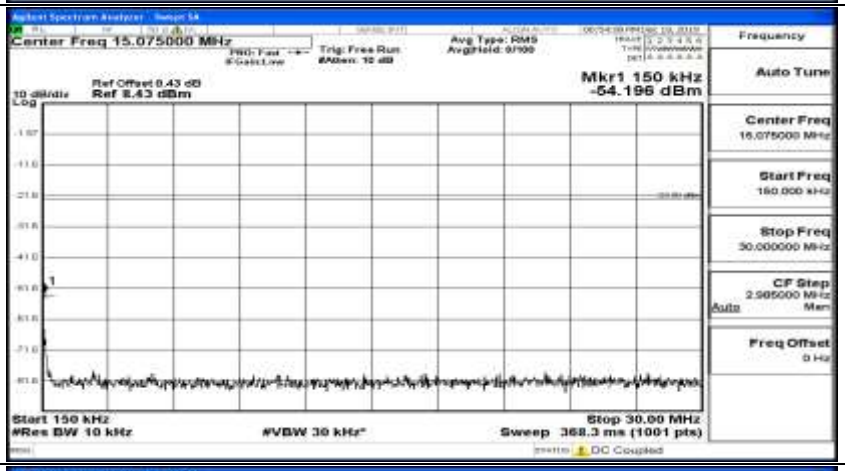



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 9/100
Mkr1 150 kHz
-52.859 dBm
Ref Offset 8.43 dB
10 dB/div
Ref 8.43 dBm
Log
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

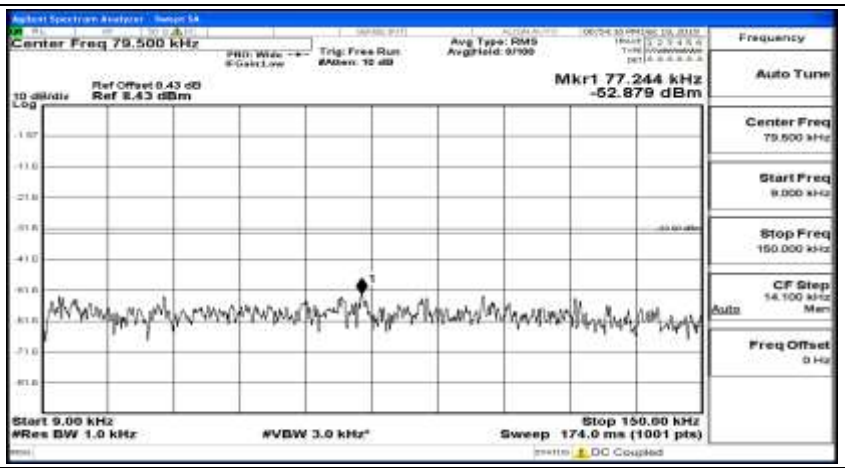

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
Mkr2 25.888 GHz
-29.919 dBm
Ref Offset 8.41 dB
10 dB/div
Ref 30.00 dBm
Log
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)
Frequency
Auto Tune
Center Freq
13.015000000 GHz
Start Freq
30.000000 MHz
Stop Freq
26.000000000 GHz
CF Step
2.597000000 GHz
Auto
Man
Freq Offset
0 Hz

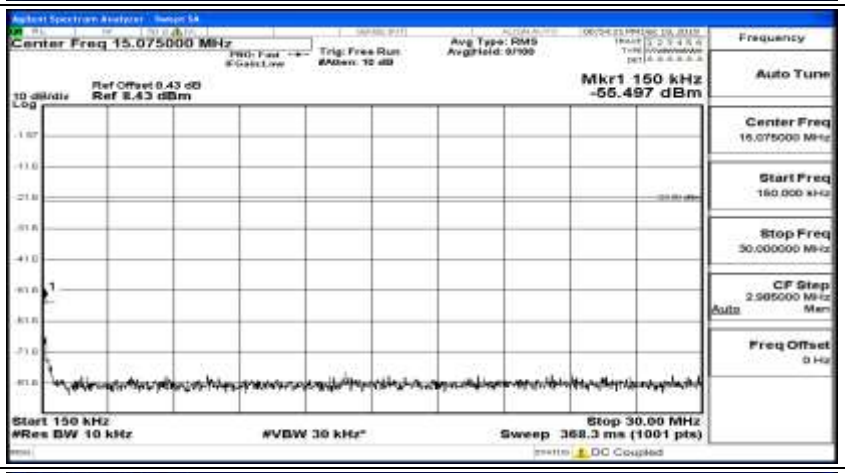
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



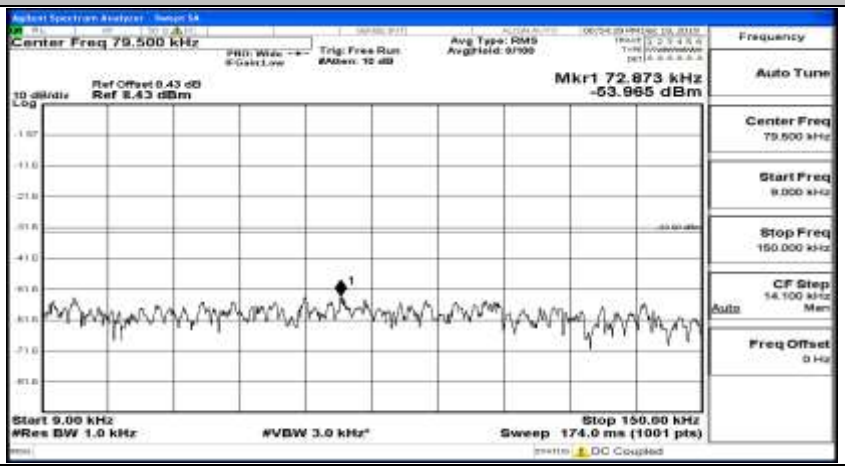


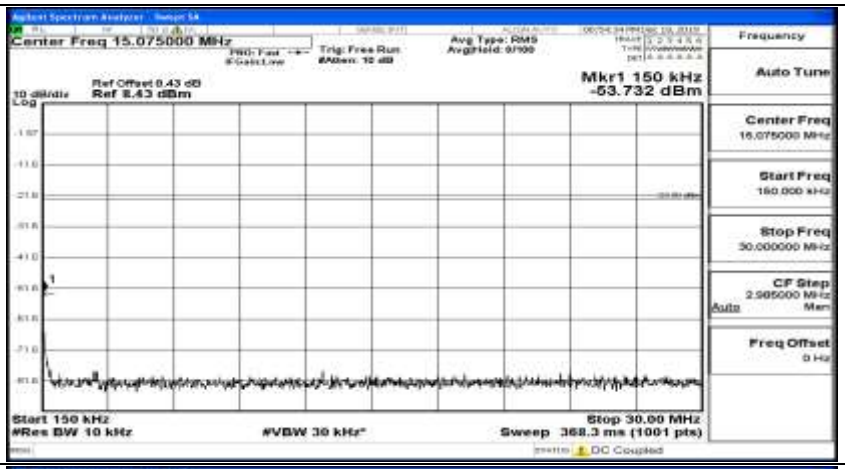
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



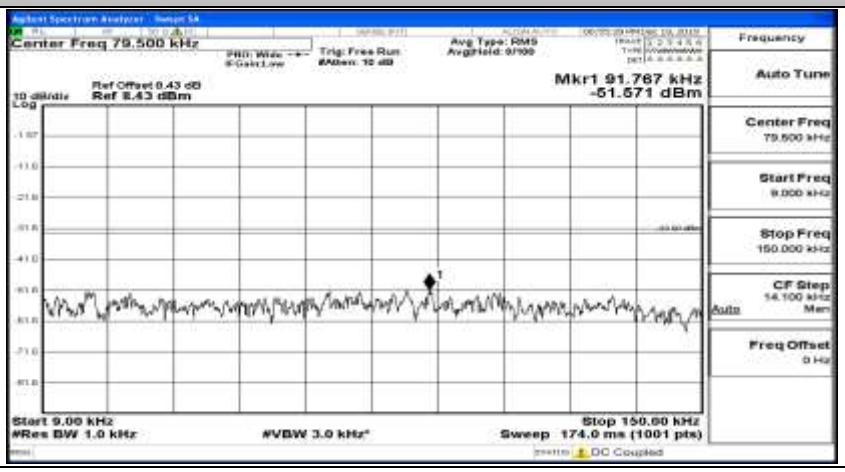


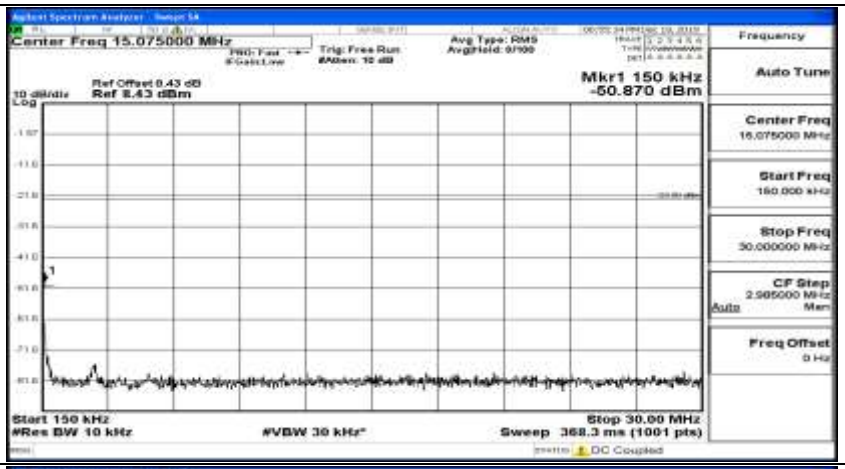
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



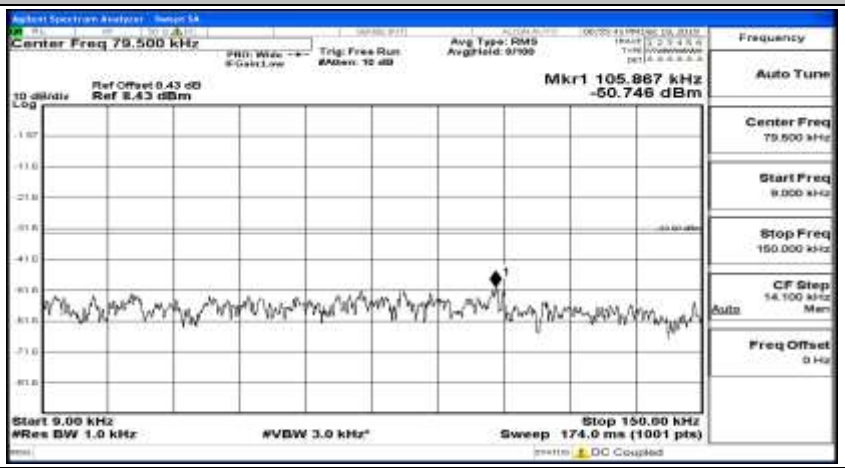


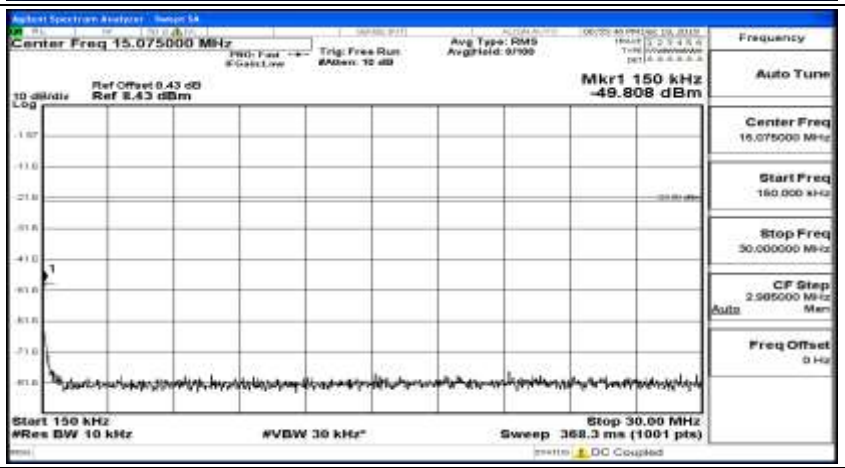
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



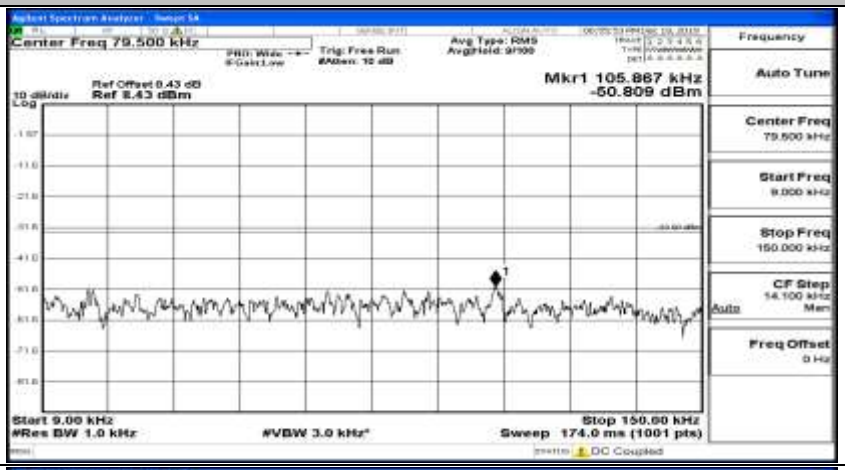


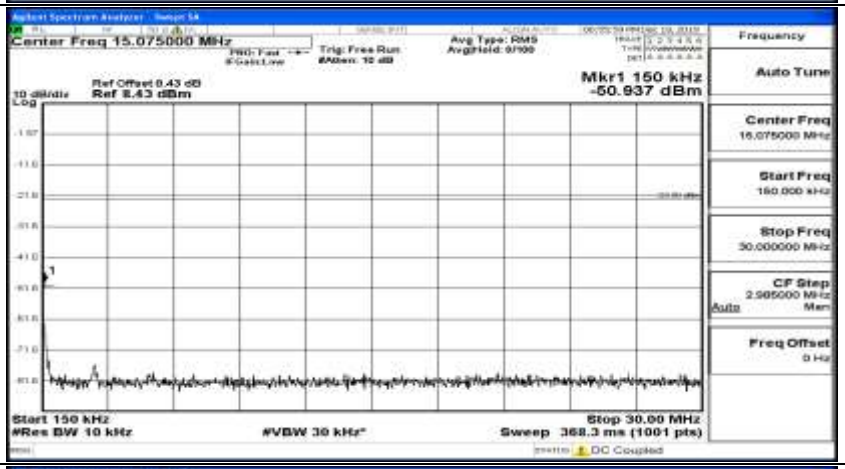
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



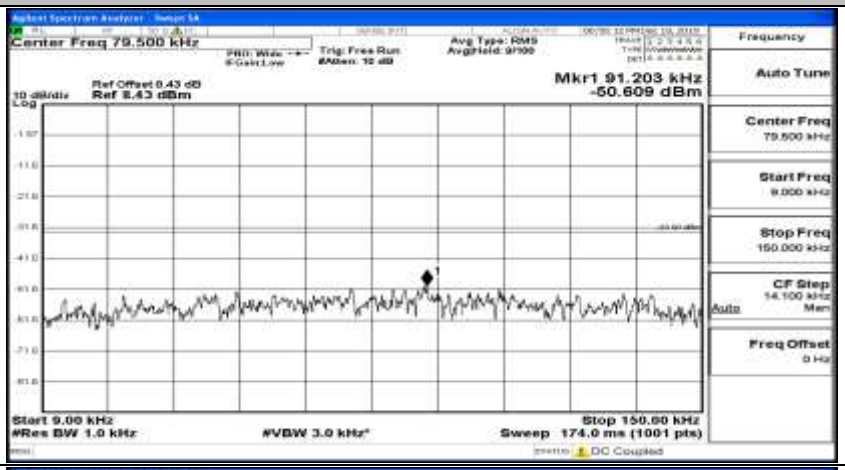
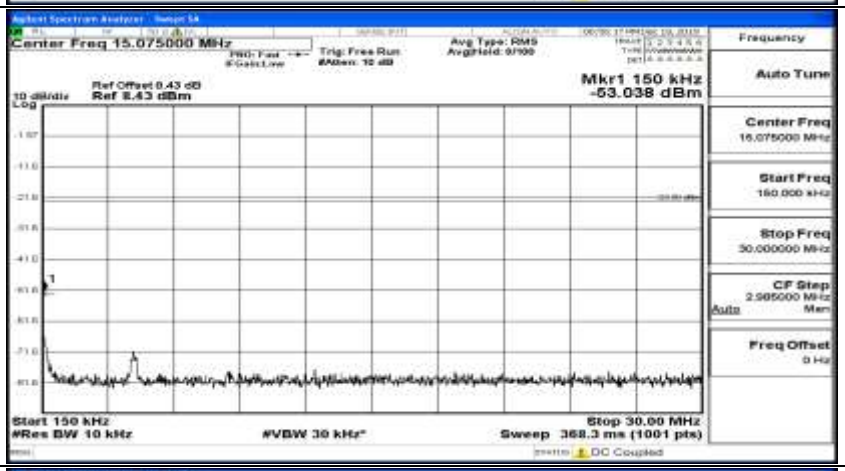


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

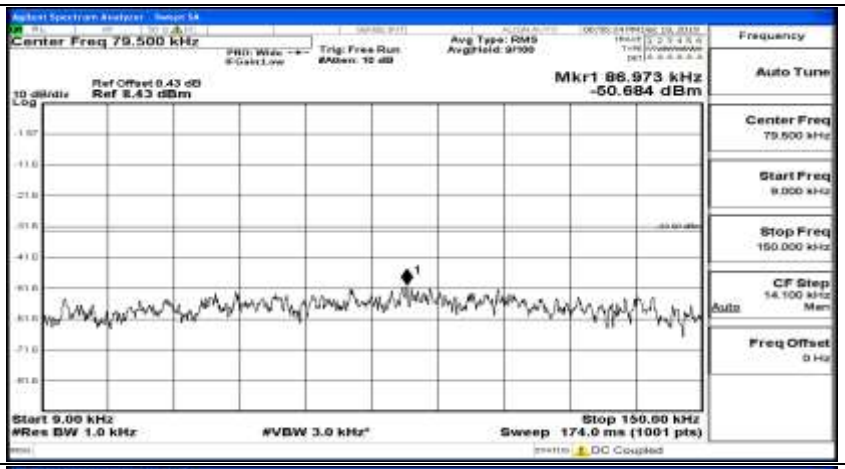


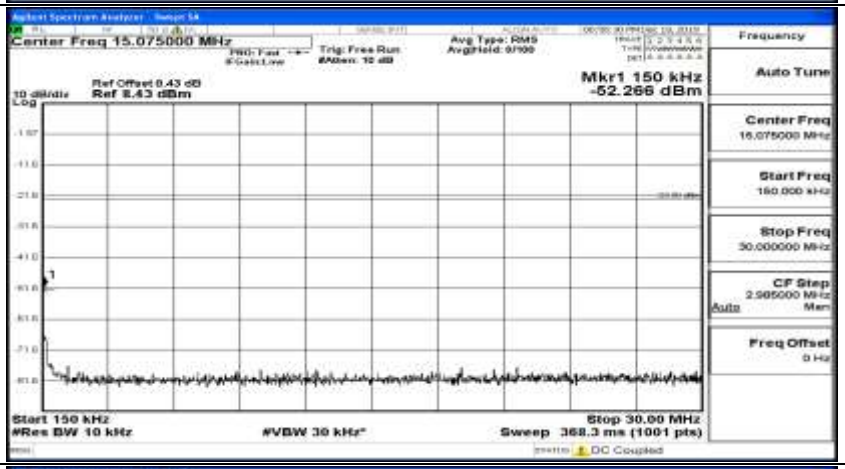


Channel Bandwidth: 5 MHz

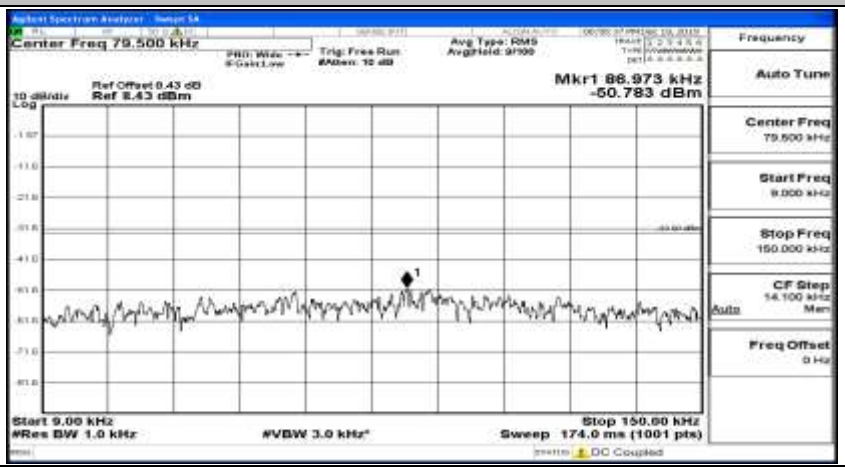
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



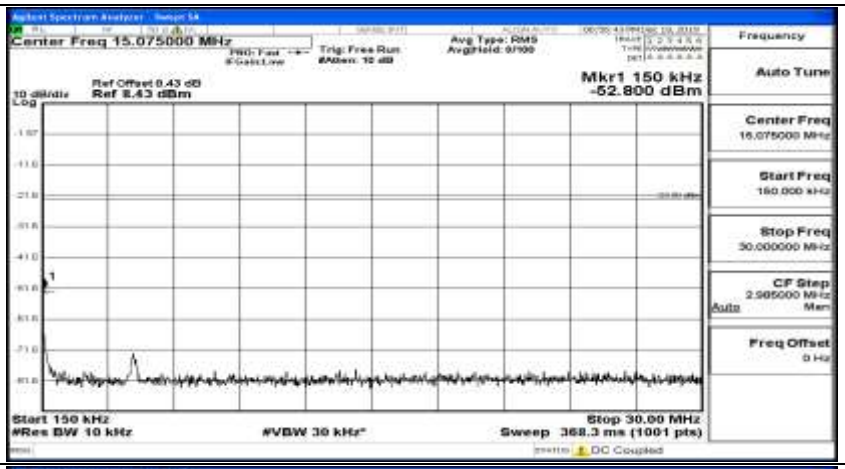
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



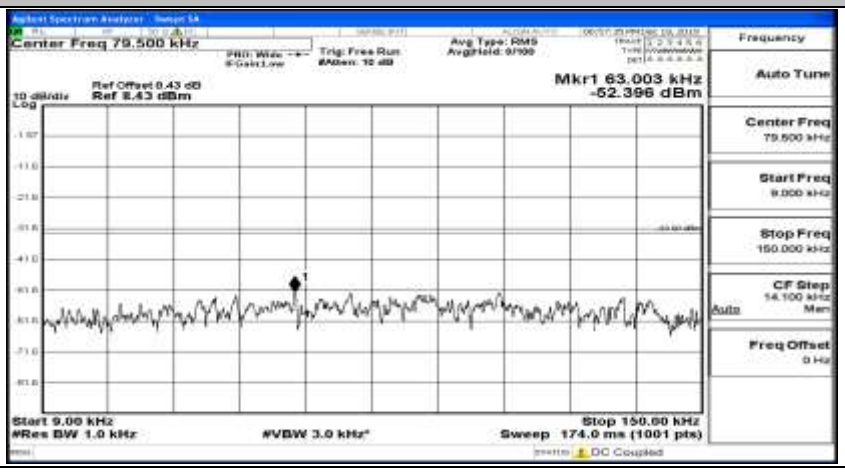


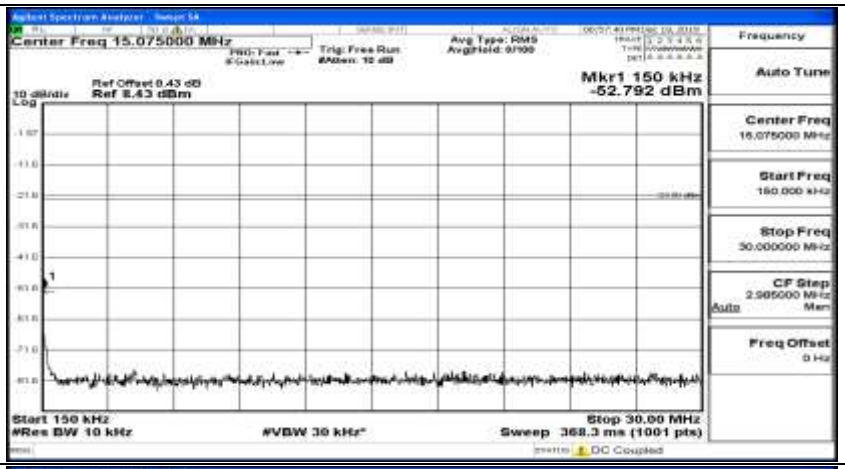
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24





(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0





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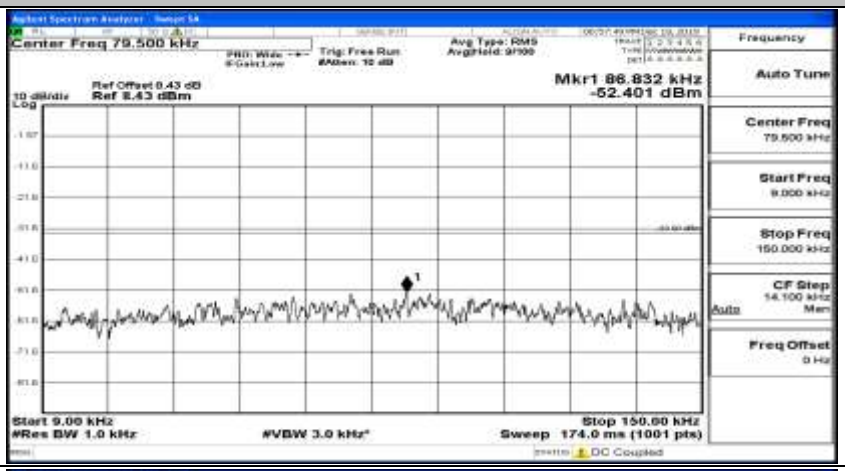

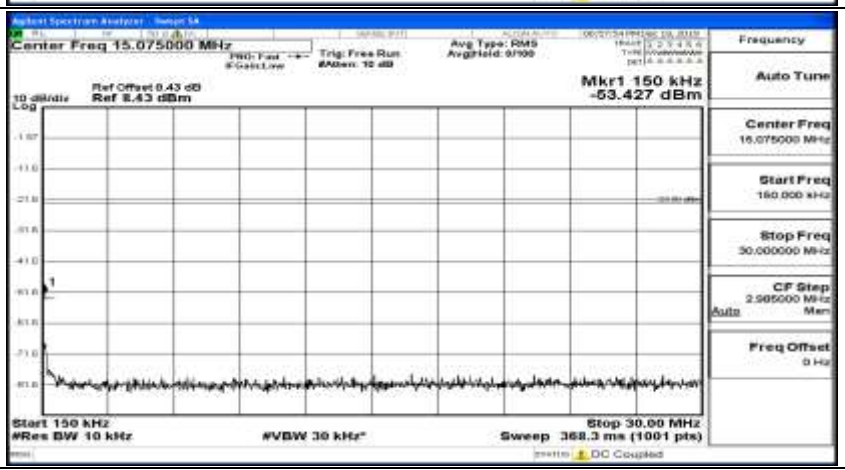

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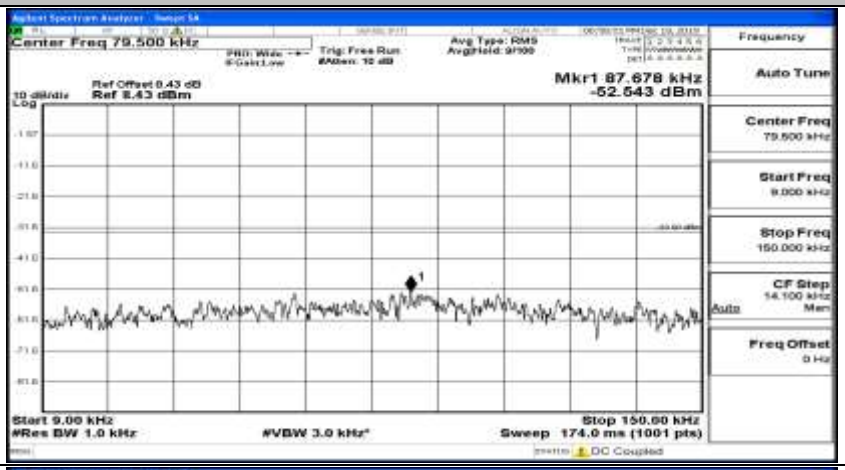
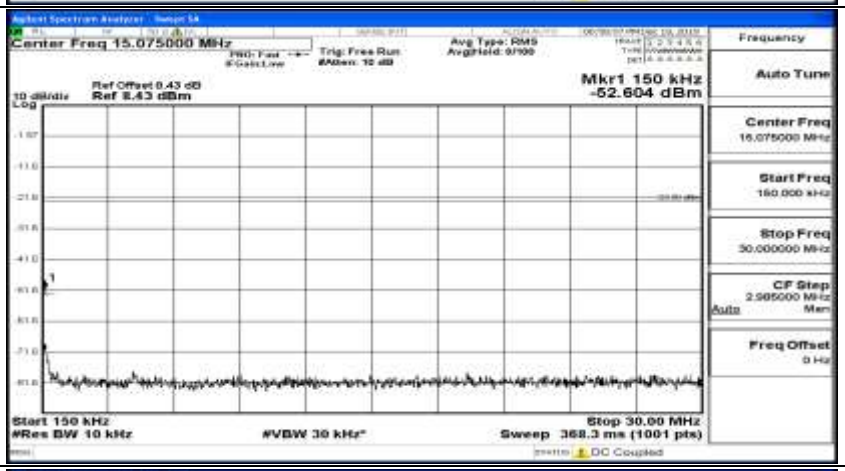
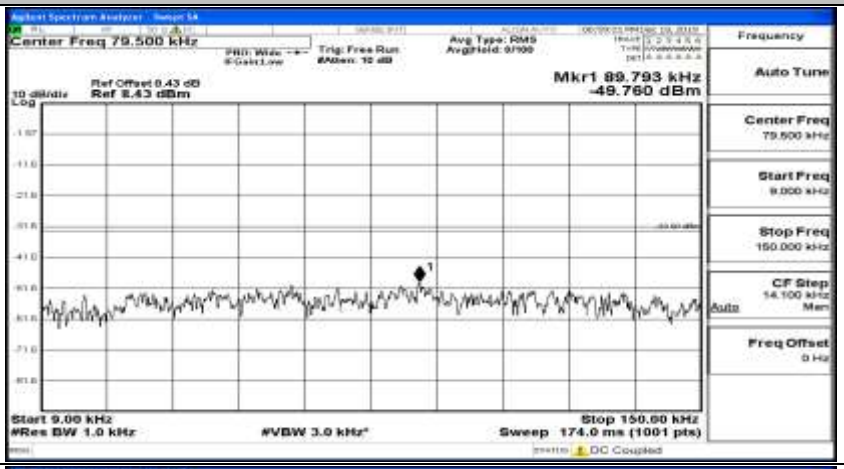
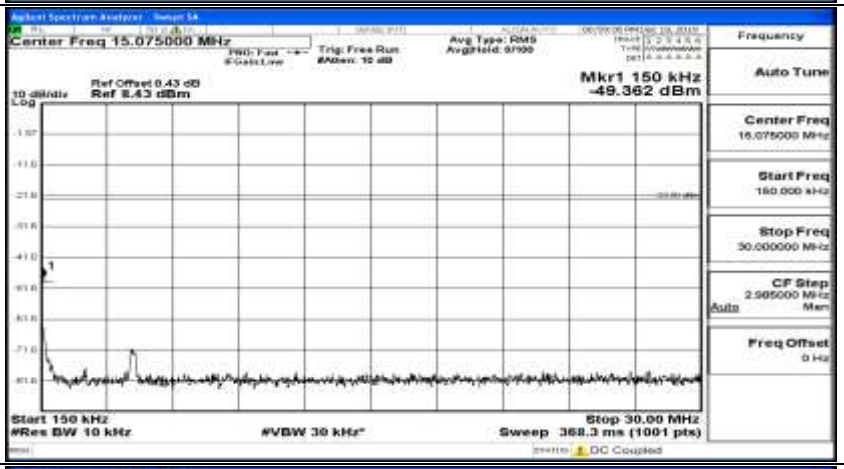


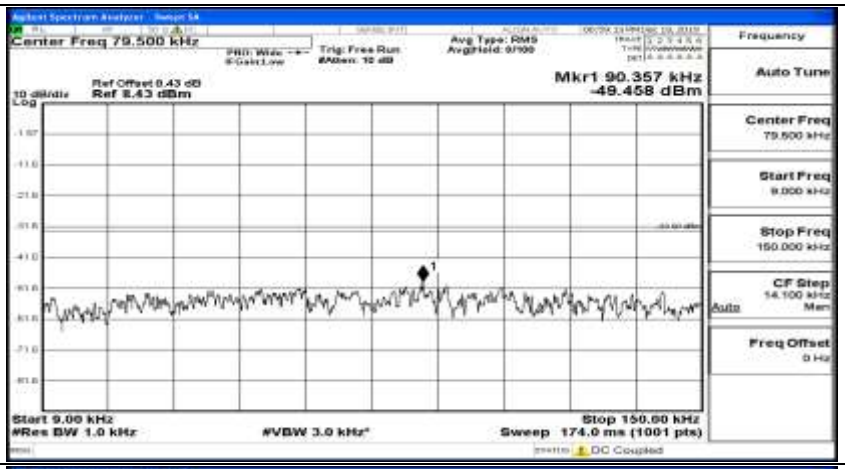


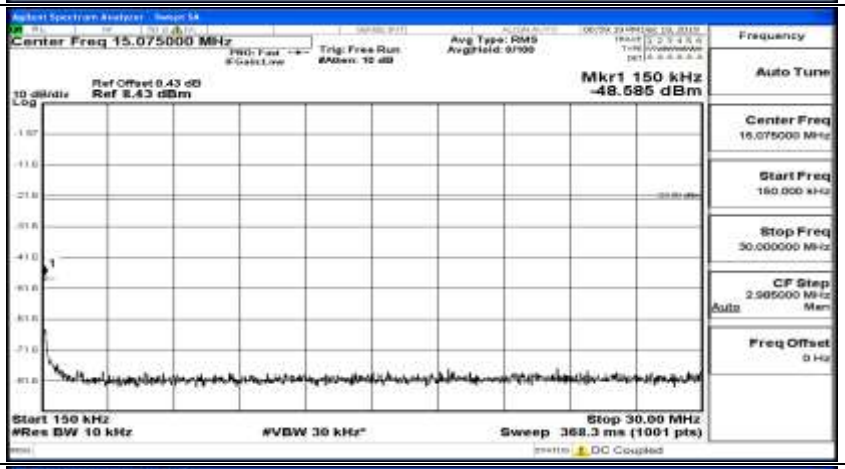
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0





(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12





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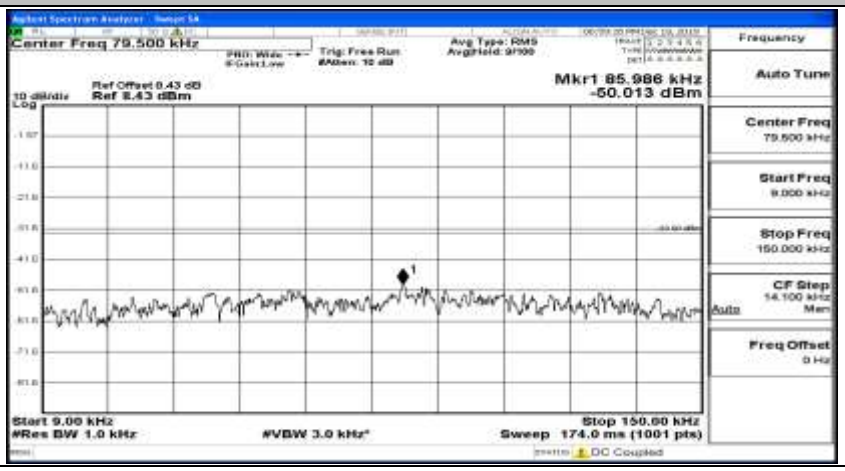
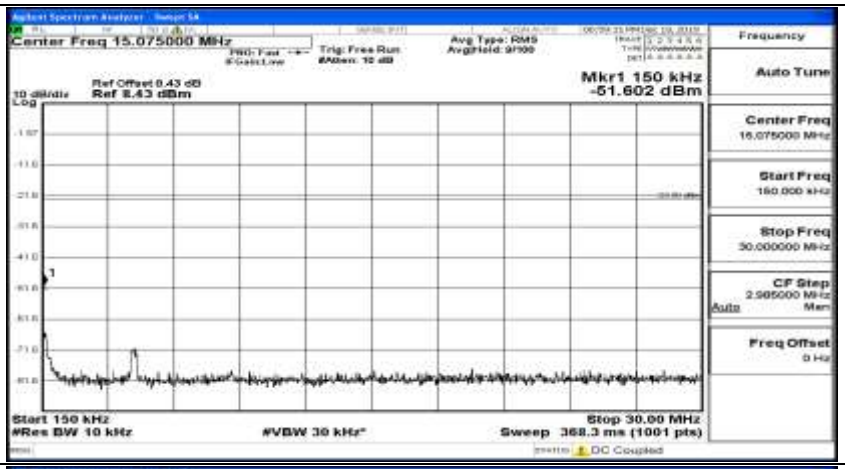
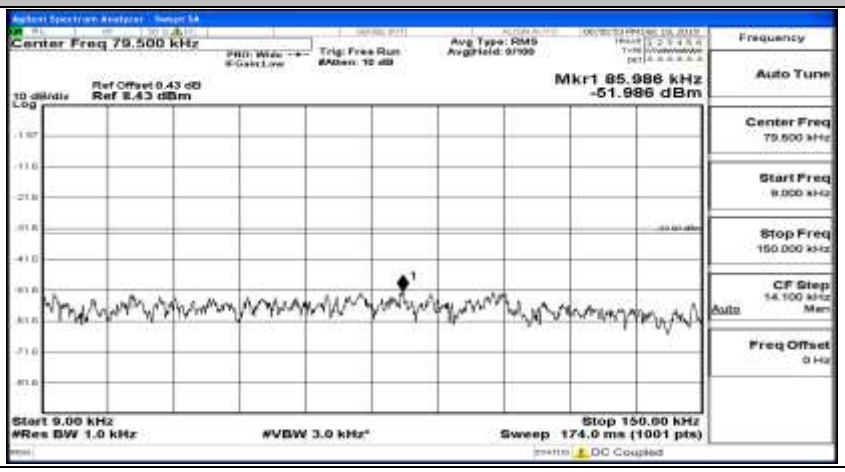
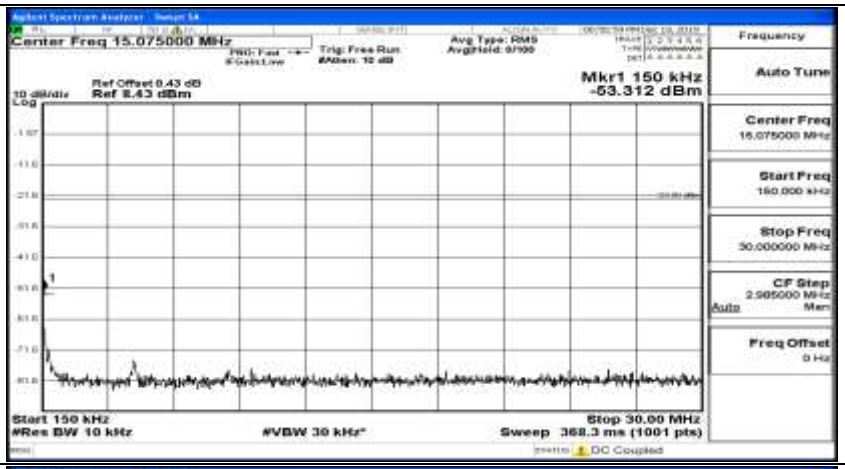




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0





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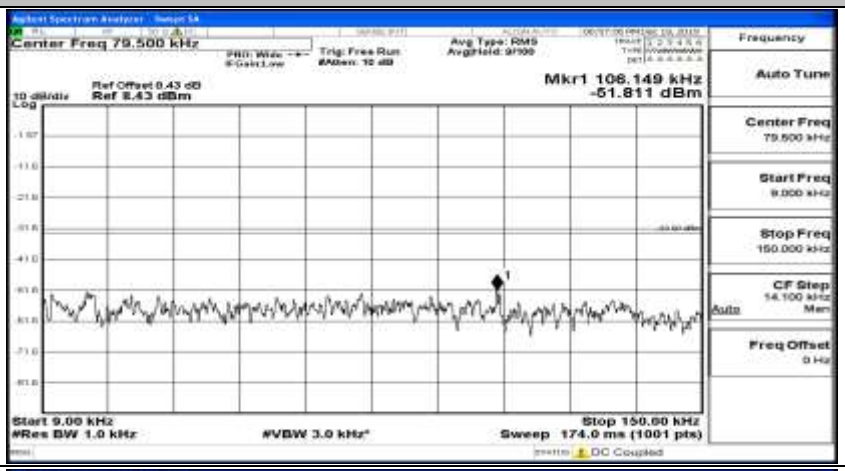
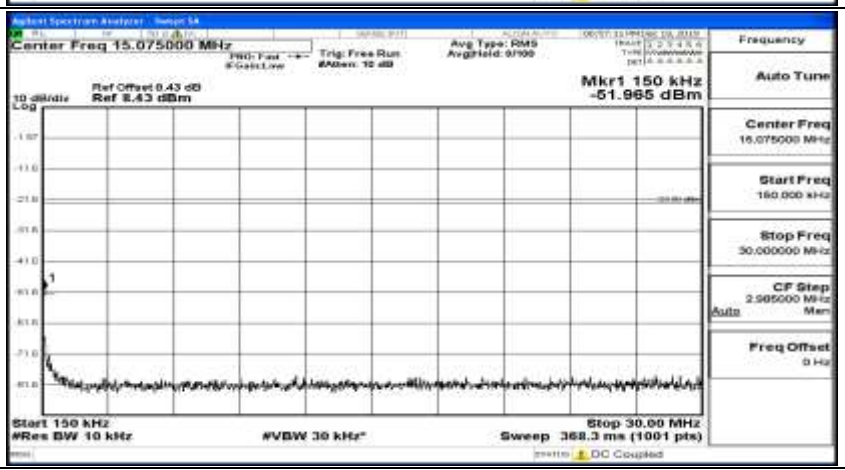
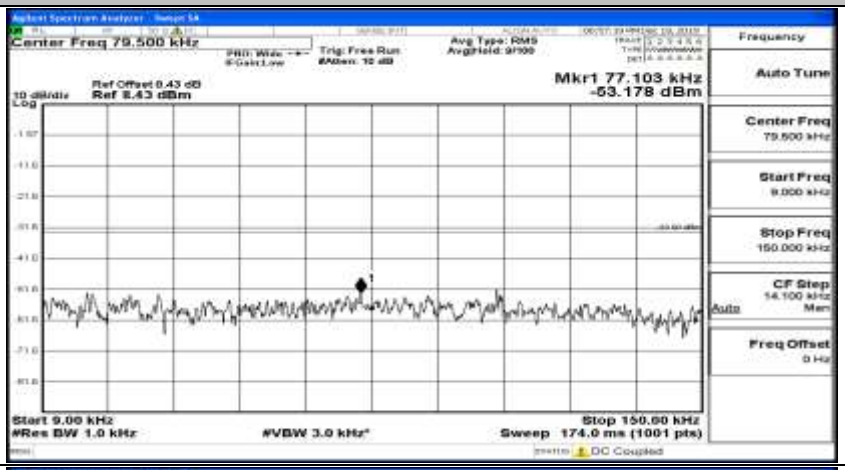
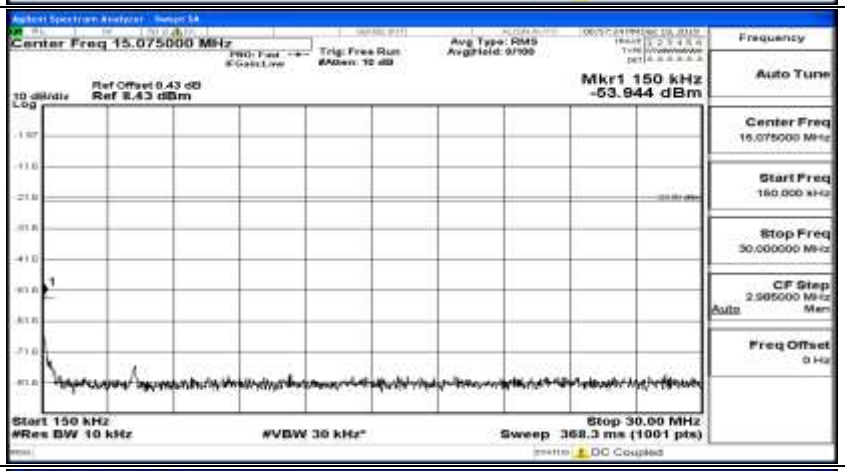


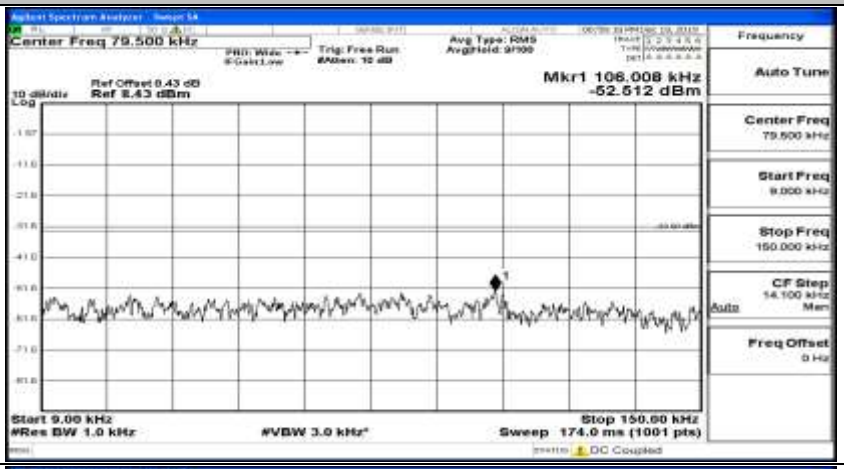


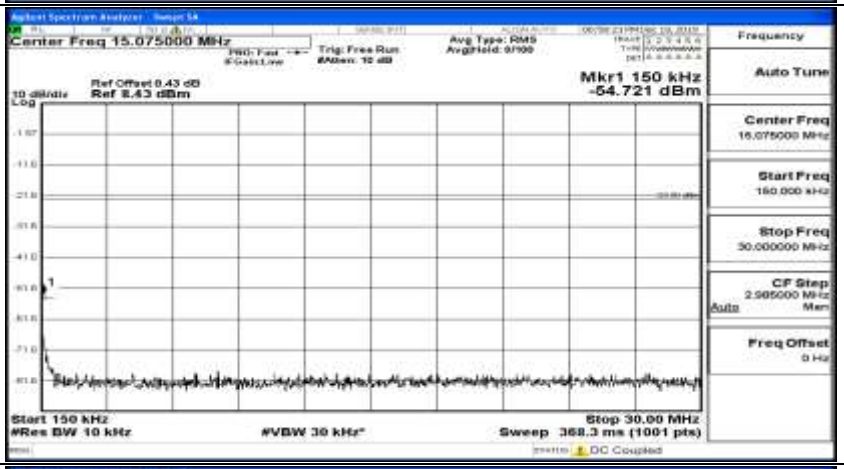
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



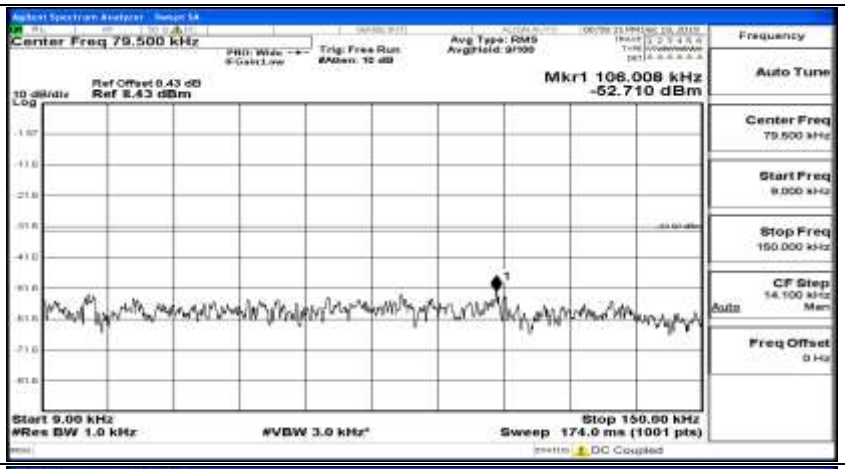


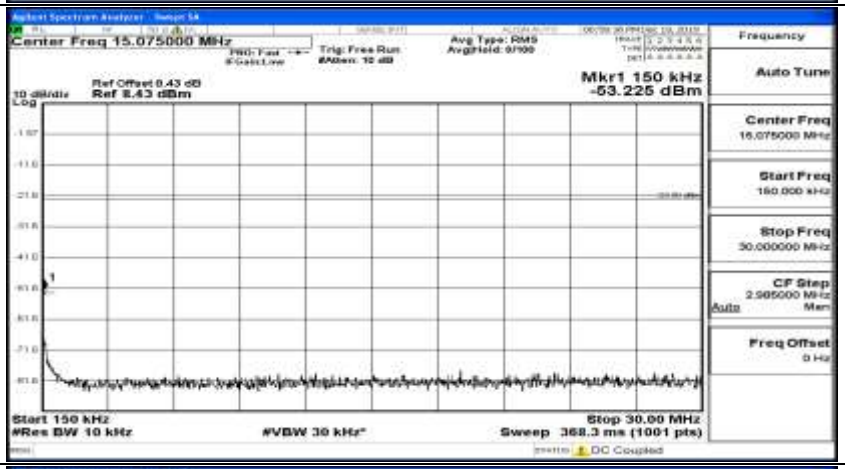
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



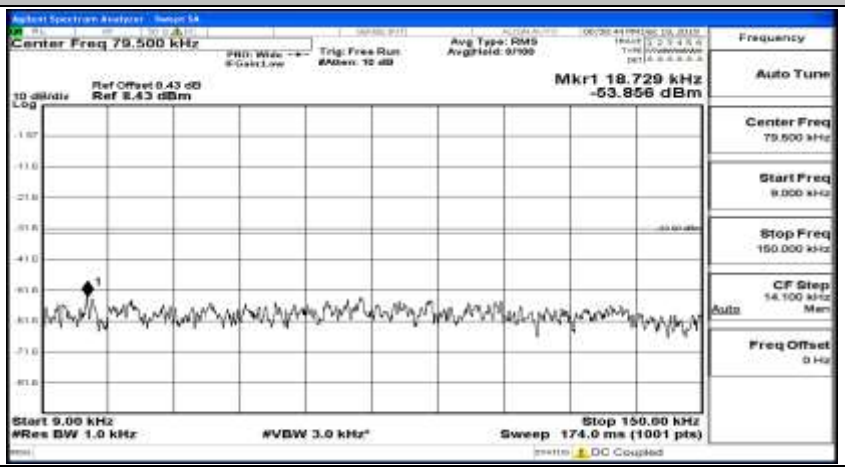


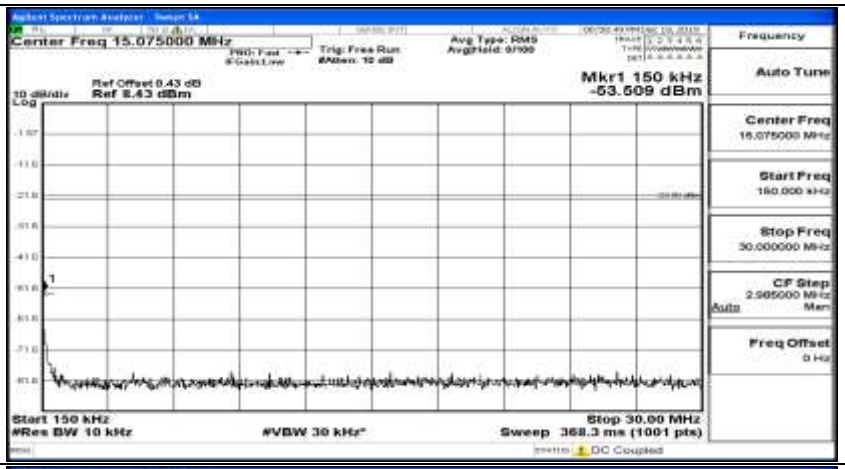
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



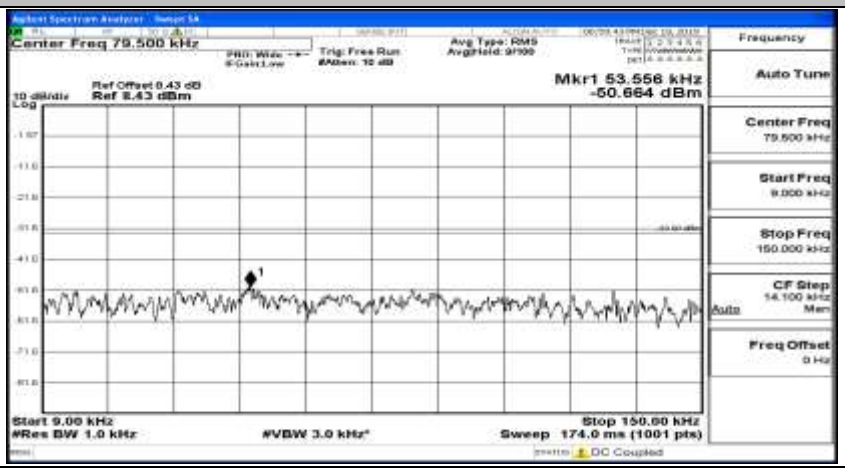


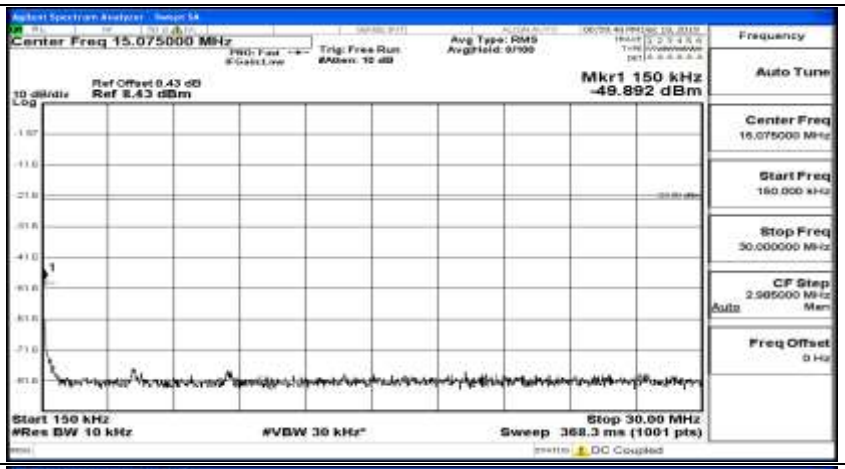
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



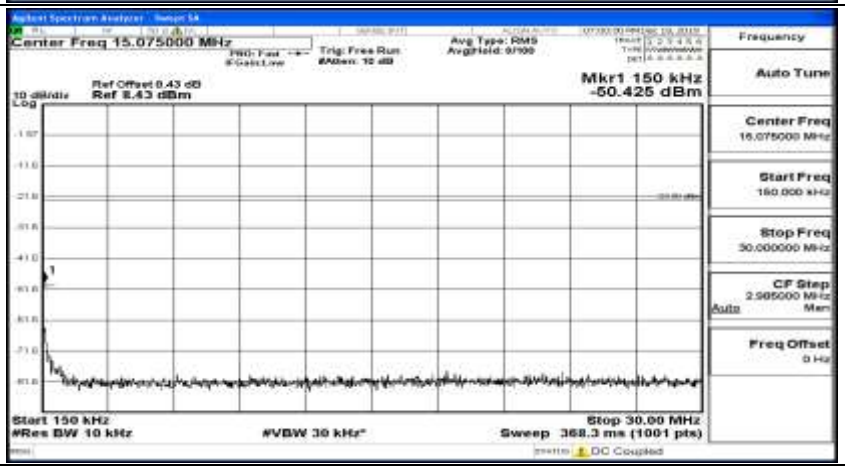


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

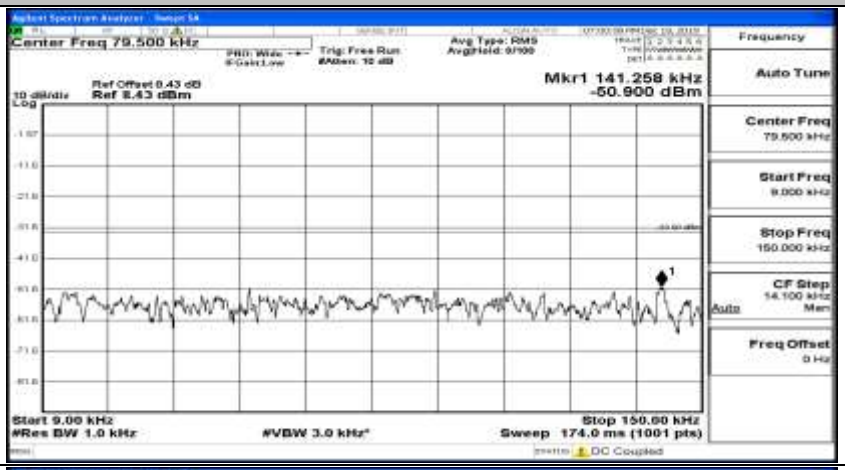


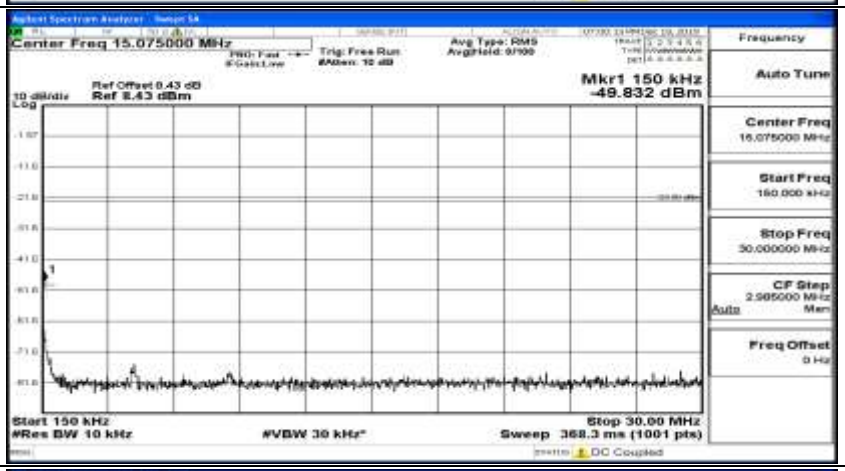


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

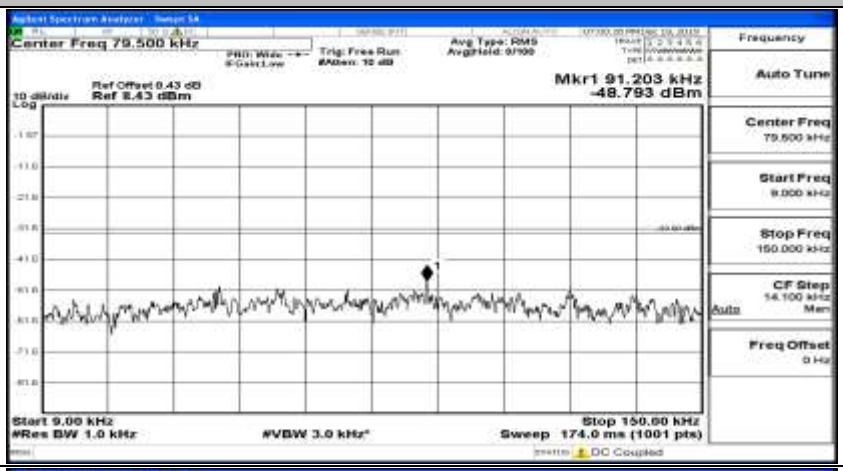
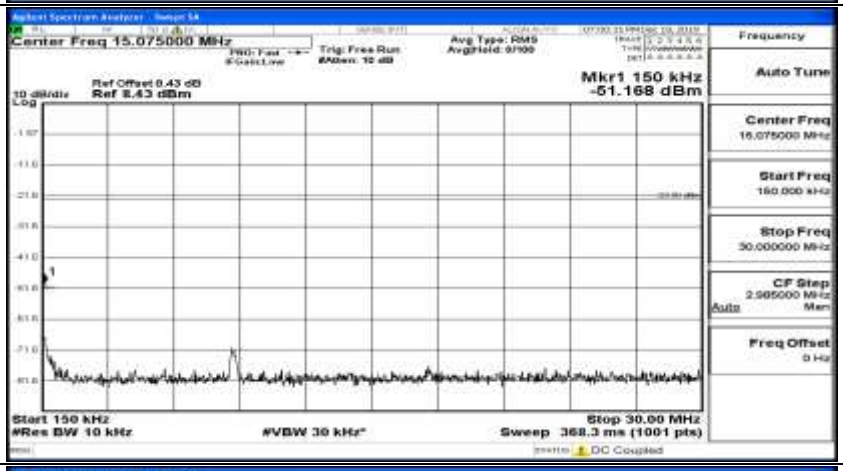


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

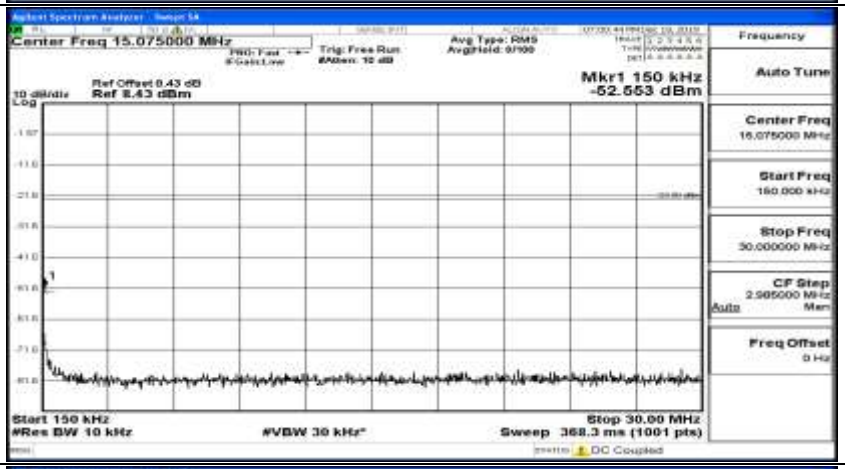




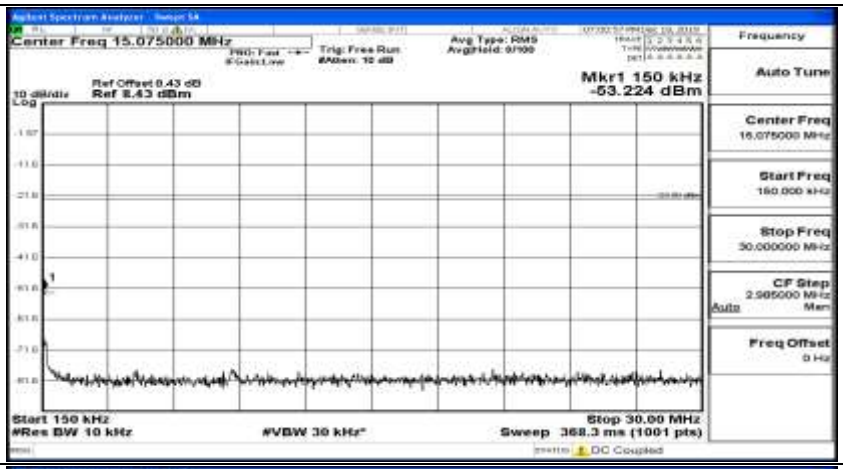
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



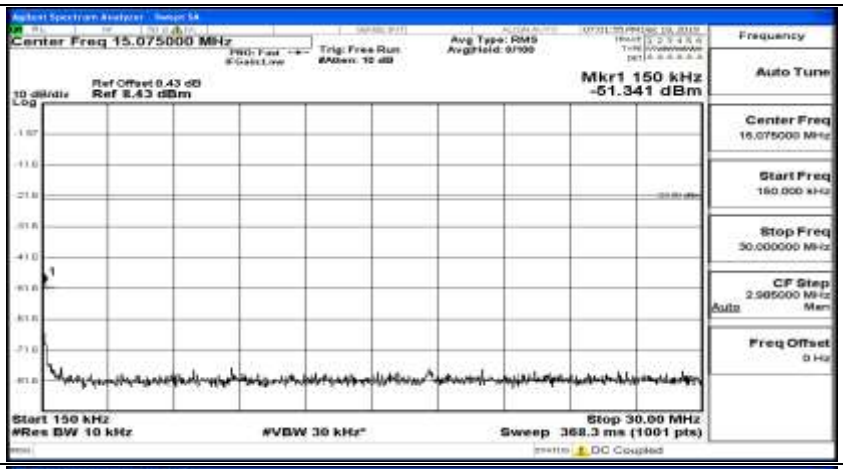
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



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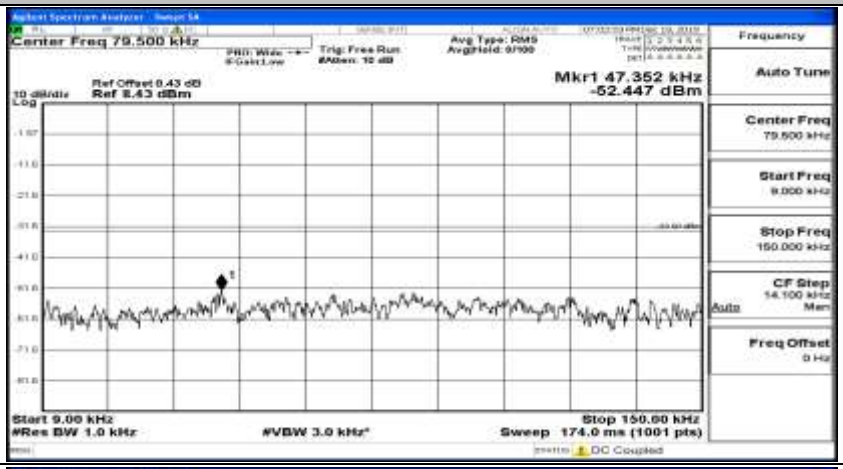
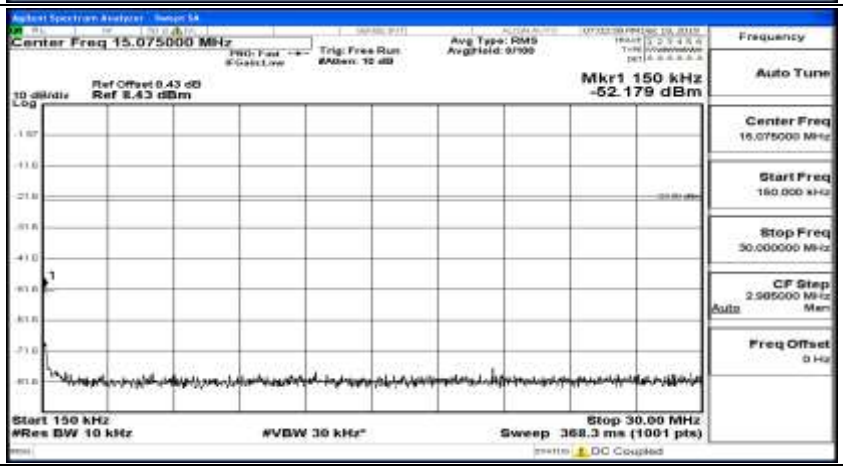
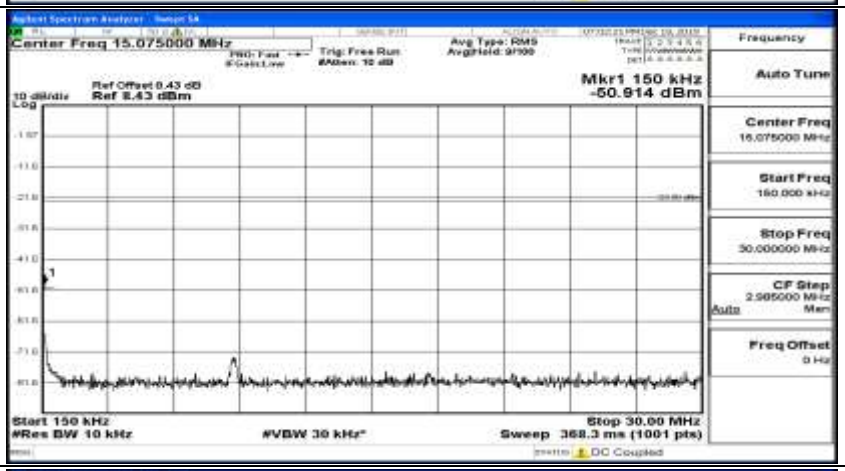
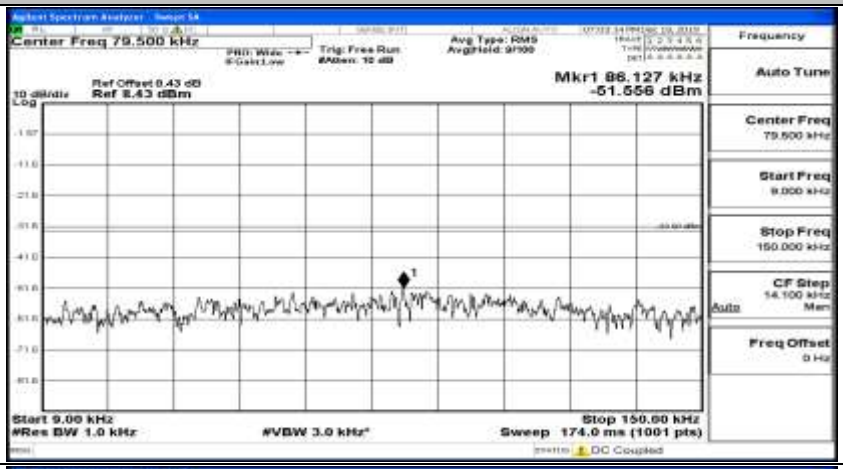
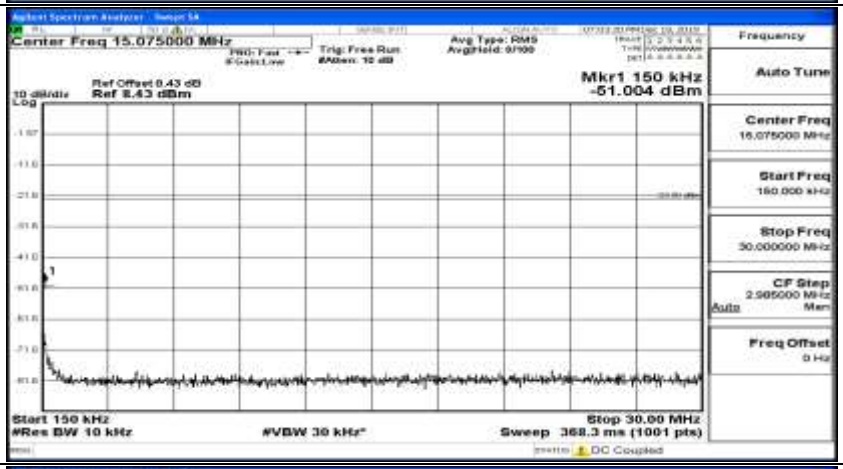


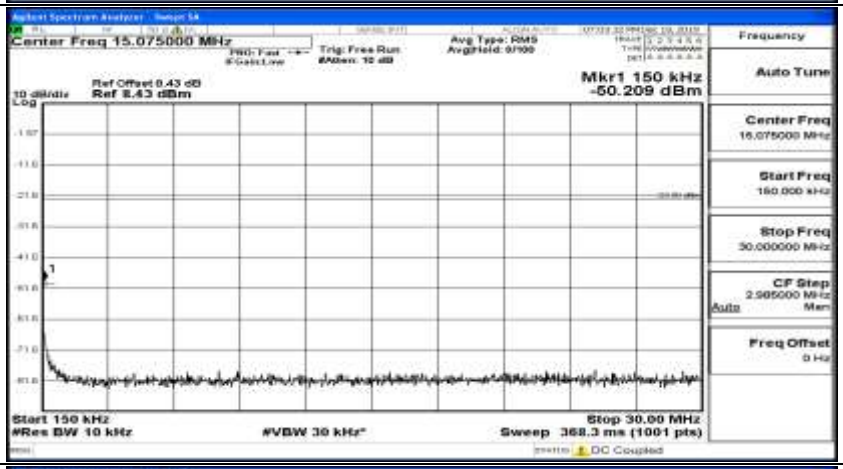


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

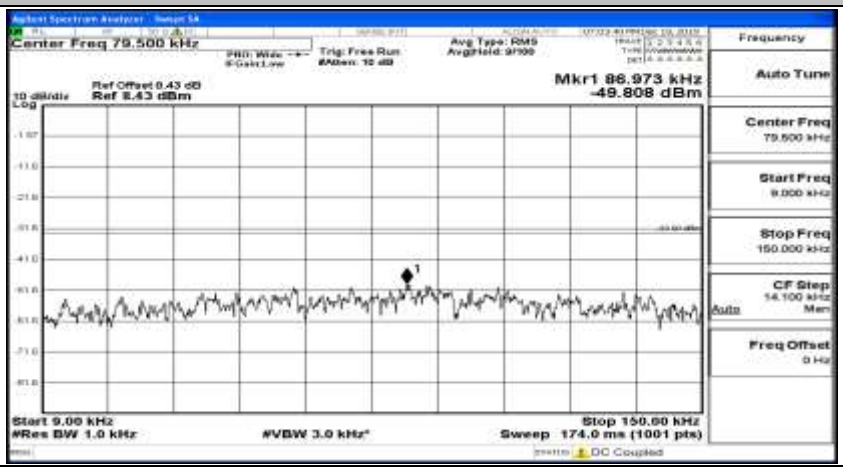


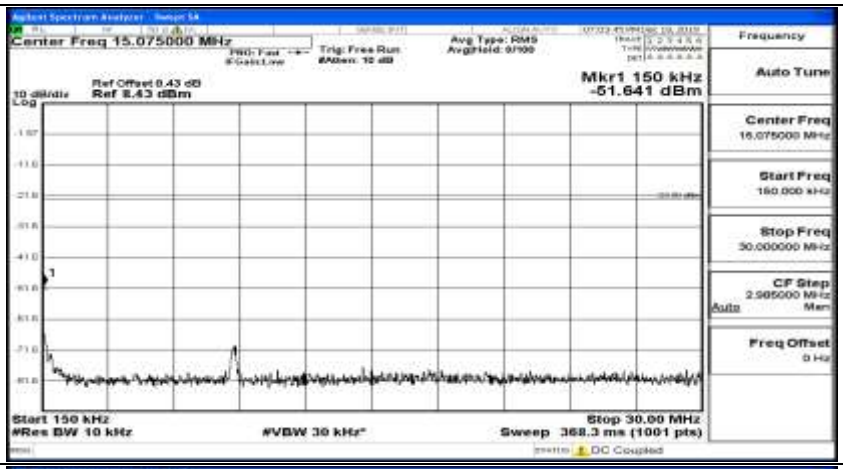
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

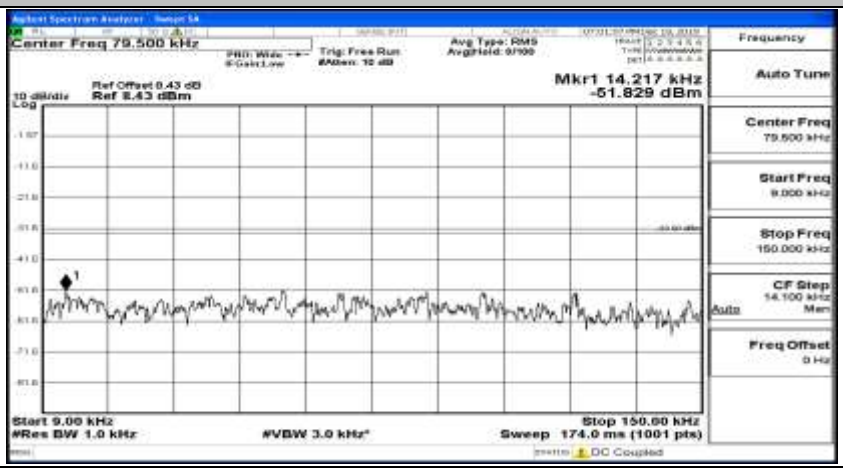


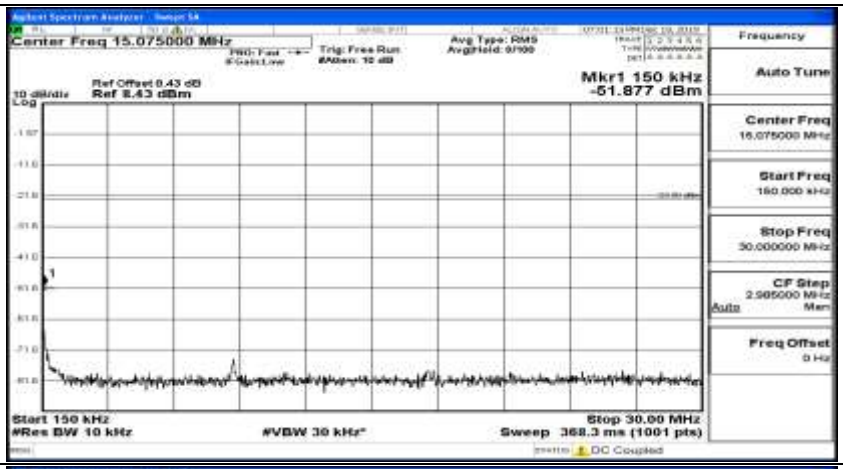
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



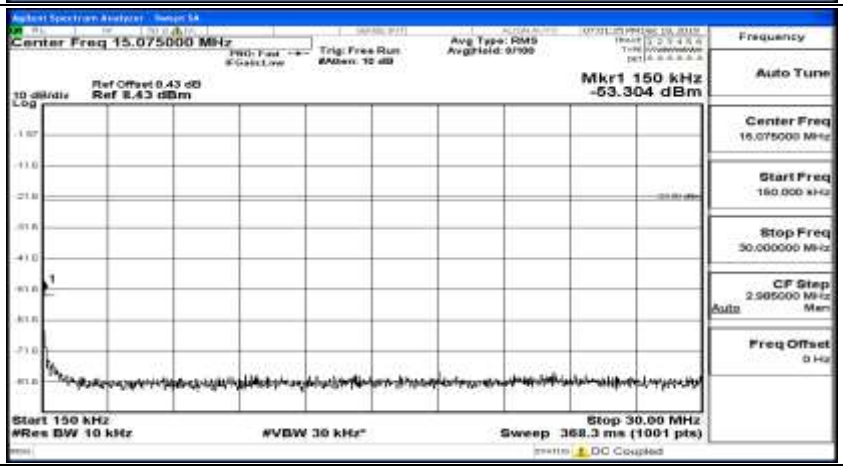


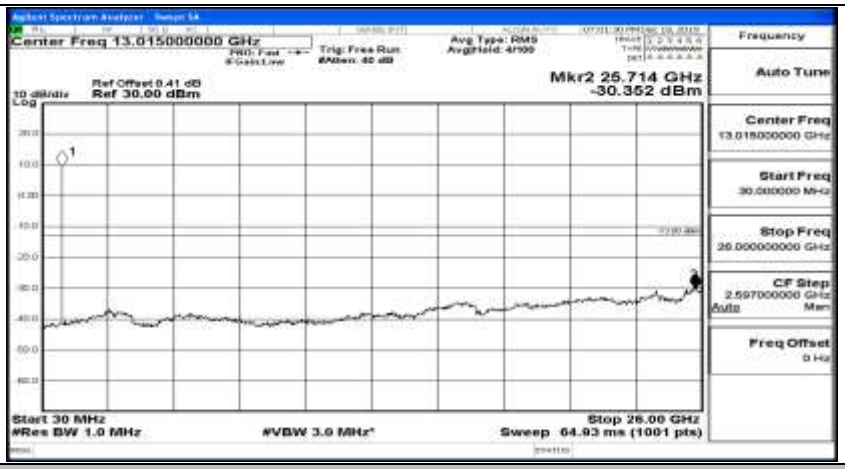
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



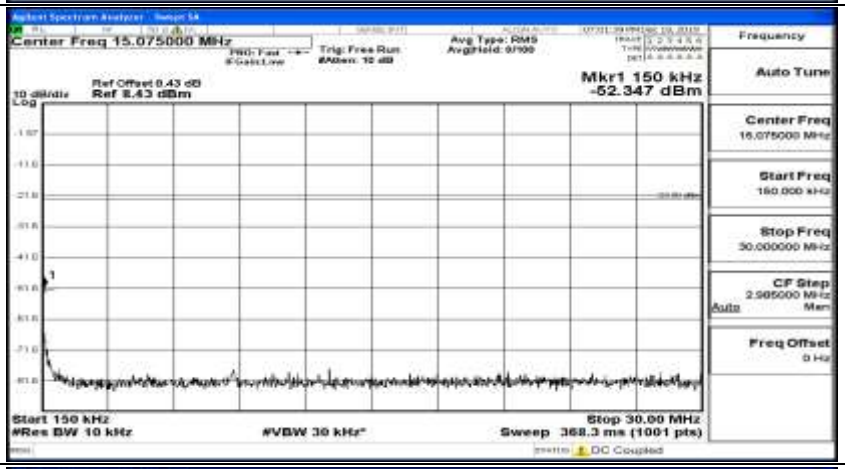


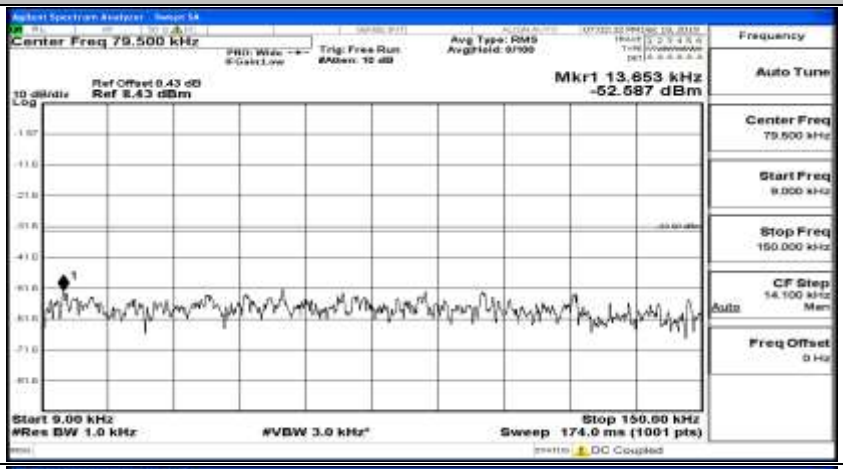
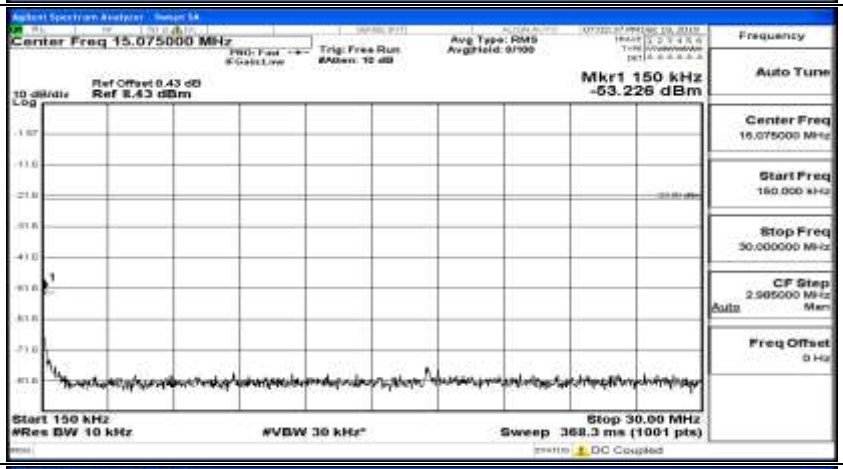
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



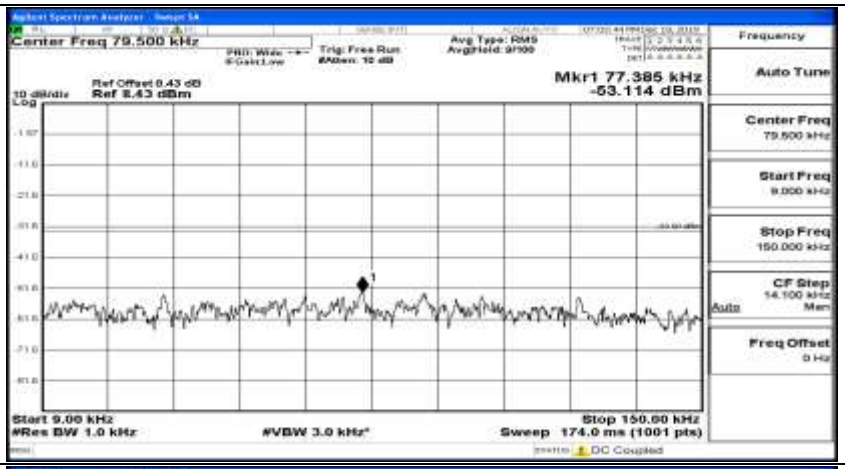


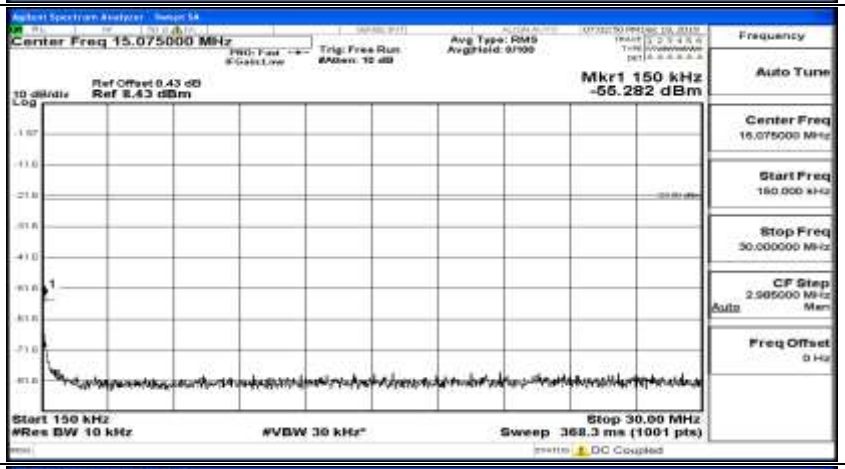
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



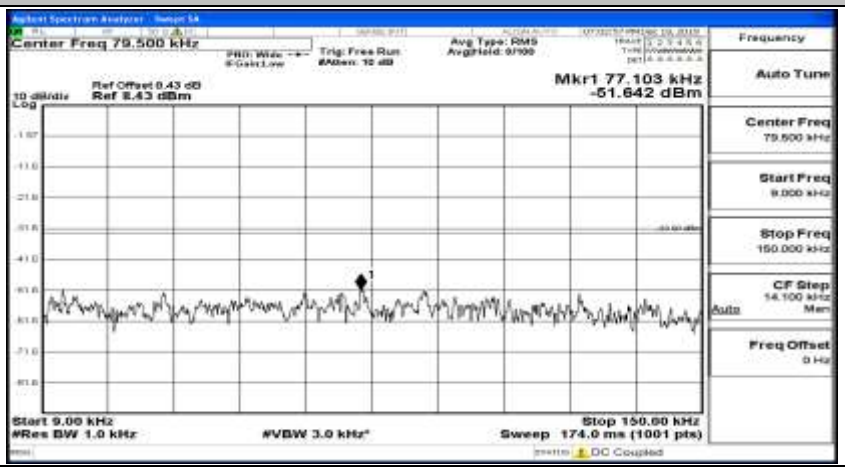
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



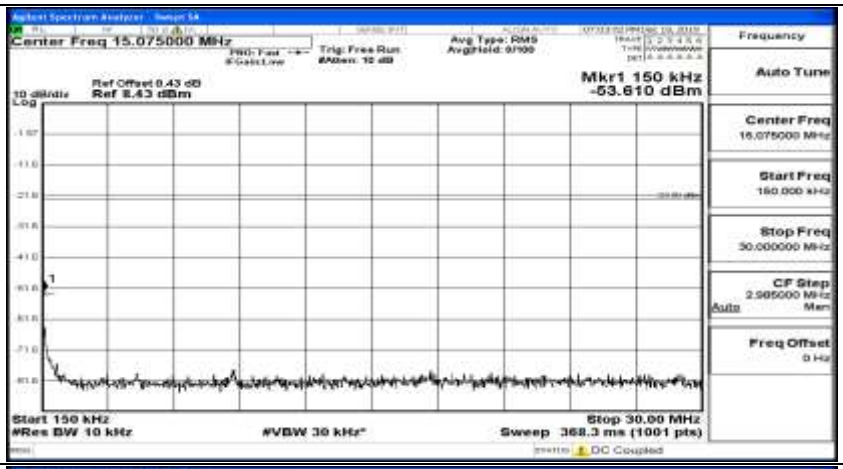
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



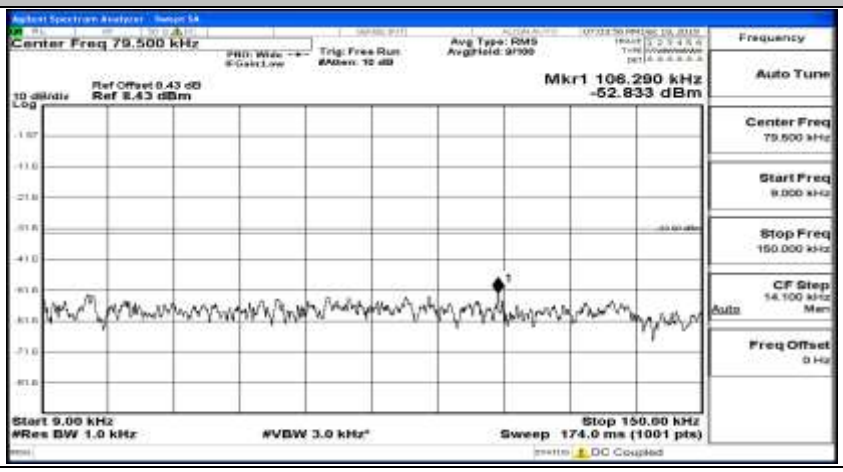


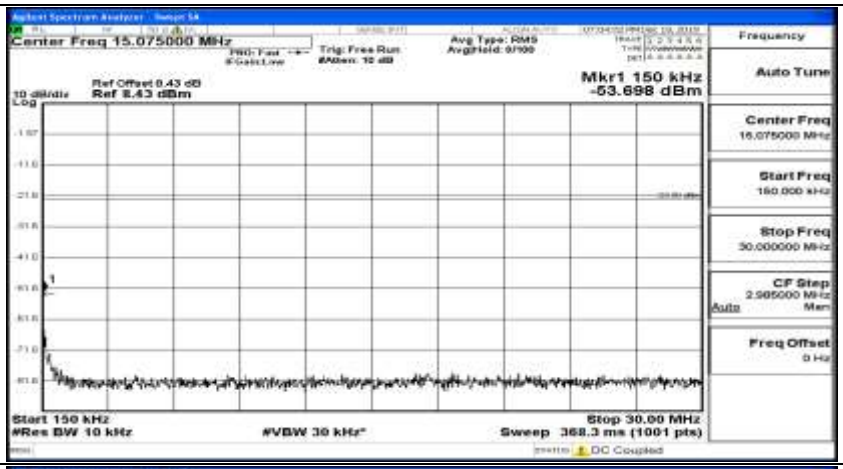
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



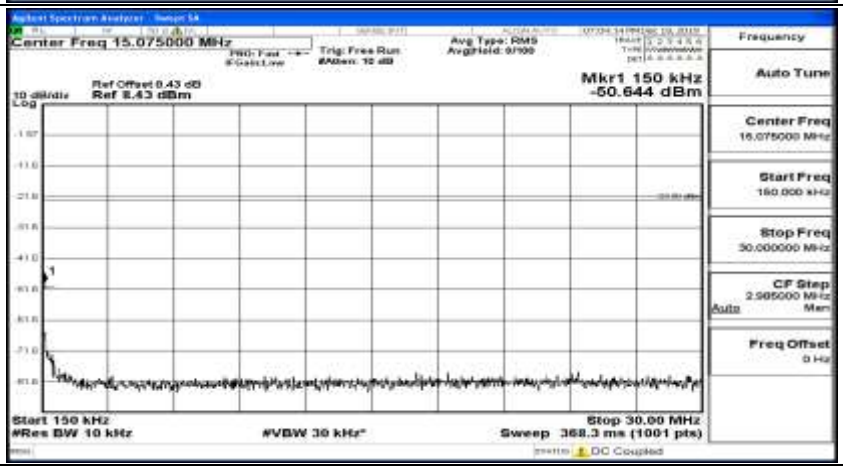


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49