Appendix D: Test Data for E-UTRA Band 2

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

D.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	22.73	21.62	PASS
		1	3	22.77	21.62	PASS
		1	5	22.76	21.57	PASS
		3	0	22.74	21.94	PASS
		3	2	22.79	21.96	PASS
		3	3	22.76	21.91	PASS
		6	0	21.77	20.63	PASS
	MCH	1	0	23.03	22.19	PASS
		1	3	23.01	22.34	PASS
		1	5	22.92	22.19	PASS
		3	0	23.09	22.01	PASS
		3	2	23.05	22.06	PASS
		3	3	22.92	22.03	PASS
		6	0	21.88	20.87	PASS
	HCH	1	0	23.14	21.99	PASS
		1	3	22.94	21.86	PASS
		1	5	22.95	21.72	PASS
		3	0	22.95	22.11	PASS
		3	2	22.95	22.00	PASS
		3	3	22.90	21.91	PASS
		6	0	21.84	20.75	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.90	22.13	PASS
		1	7	23.00	22.18	PASS
		1	14	22.87	22.10	PASS
		8	0	21.84	20.90	PASS
		8	4	21.88	20.92	PASS
		8	7	21.82	20.88	PASS
		15	0	21.74	20.81	PASS
	MCH	1	0	22.88	22.11	PASS
		1	7	22.93	22.19	PASS
		1	14	22.80	22.39	PASS
		8	0	21.94	21.11	PASS
		8	4	21.97	21.05	PASS
		8	7	22.02	20.92	PASS
		15	0	21.91	20.99	PASS
	HCH	1	0	22.90	21.66	PASS
		1	7	23.12	21.72	PASS
		1	14	22.79	21.52	PASS
		8	0	21.91	20.90	PASS
		8	4	21.81	20.76	PASS
		8	7	21.86	20.72	PASS
		15	0	21.86	20.99	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	22.68	21.47	PASS
		1	12	23.31	21.64	PASS
		1	24	22.84	21.45	PASS
		12	0	21.75	20.89	PASS
		12	6	21.76	20.90	PASS
		12	13	21.77	20.92	PASS
		25	0	21.85	20.99	PASS
	MCH	1	0	22.98	21.52	PASS
		1	12	23.14	21.77	PASS
		1	24	22.88	21.56	PASS
		12	0	21.87	20.86	PASS
		12	6	21.99	20.99	PASS
		12	13	21.91	20.99	PASS
		25	0	21.91	21.02	PASS
	HCH	1	0	22.93	21.50	PASS
		1	12	23.15	21.86	PASS
		1	24	22.61	21.17	PASS
		12	0	21.83	20.98	PASS
		12	6	21.93	21.20	PASS
		12	13	21.90	20.74	PASS
		25	0	21.89	21.01	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	23.03	22.73	PASS
		1	24	23.26	22.87	PASS
		1	49	22.82	22.19	PASS
		25	0	21.93	21.03	PASS
		25	12	21.98	21.18	PASS
		25	25	21.98	21.00	PASS
		50	0	21.98	21.00	PASS
	MCH	1	0	22.26	21.65	PASS
		1	24	23.94	23.34	PASS
		1	49	22.93	22.12	PASS
		25	0	22.09	21.09	PASS
		25	12	22.18	21.15	PASS
		25	25	21.96	21.00	PASS
		50	0	22.04	21.17	PASS
	HCH	1	0	20.71	20.18	PASS
		1	24	22.83	22.36	PASS
		1	49	21.42	20.99	PASS
		25	0	21.65	20.80	PASS
		25	12	22.64	21.79	PASS
		25	25	22.09	21.09	PASS
		50	0	22.02	21.11	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.04	22.50	PASS
		1	37	23.50	22.78	PASS
		1	74	21.93	21.35	PASS
		37	0	22.08	21.26	PASS
		37	18	22.16	21.10	PASS
		37	38	22.18	21.07	PASS
		75	0	22.14	21.16	PASS
	MCH	1	0	21.83	21.10	PASS
		1	37	23.87	22.83	PASS
		1	74	22.87	22.10	PASS
		37	0	21.99	21.07	PASS
		37	18	22.15	21.15	PASS
		37	38	21.93	20.91	PASS
		75	0	22.04	21.16	PASS
	HCH	1	0	21.22	20.64	PASS
		1	37	21.85	21.29	PASS
		1	74	21.48	20.97	PASS
		37	0	21.22	20.34	PASS
		37	18	21.82	20.98	PASS
		37	38	22.46	21.52	PASS
		75	0	21.75	20.88	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	22.92	21.90	PASS
		1	49	23.17	22.15	PASS
		1	99	21.36	20.53	PASS
		50	0	22.23	21.22	PASS
		50	25	22.32	21.35	PASS
		50	50	22.13	21.08	PASS
		100	0	22.11	21.23	PASS
	MCH	1	0	21.44	20.58	PASS
		1	49	23.87	22.50	PASS
		1	99	22.72	21.07	PASS
		50	0	22.14	20.97	PASS
		50	25	22.23	21.04	PASS
		50	50	22.04	21.05	PASS
		100	0	21.96	21.05	PASS
	HCH	1	0	22.66	21.40	PASS
		1	49	21.52	20.92	PASS
		1	99	21.56	21.02	PASS
		50	0	21.84	20.97	PASS
		50	25	21.62	20.72	PASS
		50	50	22.01	21.16	PASS
		100	0	21.86	20.99	PASS

D.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	4.91	<13	PASS
	MCH	5.17	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	5.71	<13	PASS
	MCH	5.99	<13	PASS
	HCH	5.8	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.08	<13	PASS
	MCH	5.27	<13	PASS
	HCH	5.04	<13	PASS
16QAM	LCH	5.88	<13	PASS
	MCH	6.04	<13	PASS
	HCH	5.85	<13	PASS

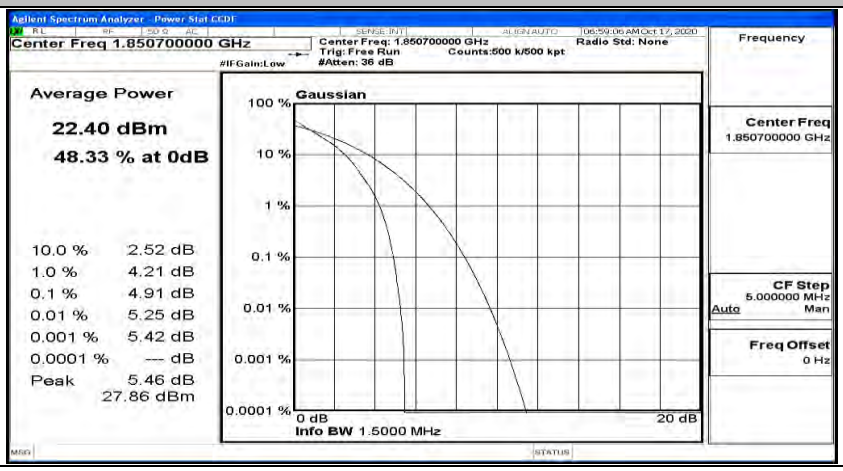
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.05	<13	PASS
	MCH	5.2	<13	PASS
	HCH	5.04	<13	PASS
16QAM	LCH	5.77	<13	PASS
	MCH	6.04	<13	PASS
	HCH	5.84	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.1	<13	PASS
	MCH	5.16	<13	PASS
	HCH	5.05	<13	PASS
16QAM	LCH	5.87	<13	PASS
	MCH	5.98	<13	PASS
	HCH	5.97	<13	PASS

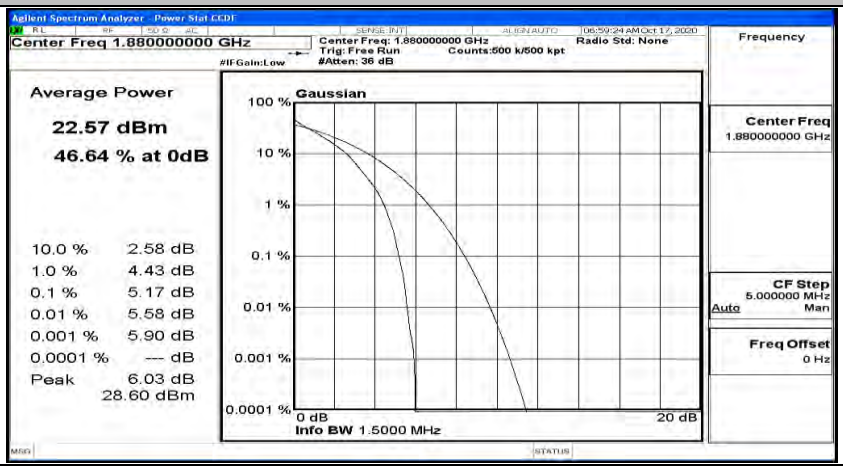
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	4.92	<13	PASS
	HCH	5.16	<13	PASS
16QAM	LCH	6.12	<13	PASS
	MCH	6.18	<13	PASS
	HCH	6.34	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.69	<13	PASS
	MCH	5.71	<13	PASS
	HCH	5.83	<13	PASS
16QAM	LCH	6.75	<13	PASS
	MCH	6.67	<13	PASS
	HCH	6.77	<13	PASS

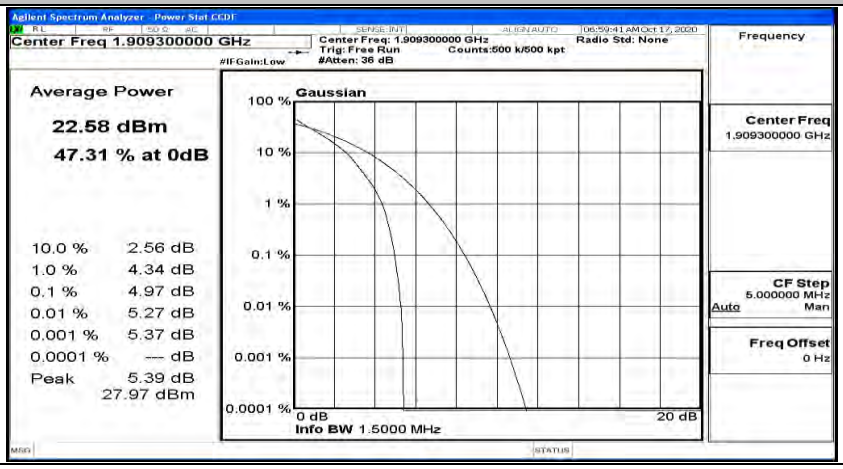
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



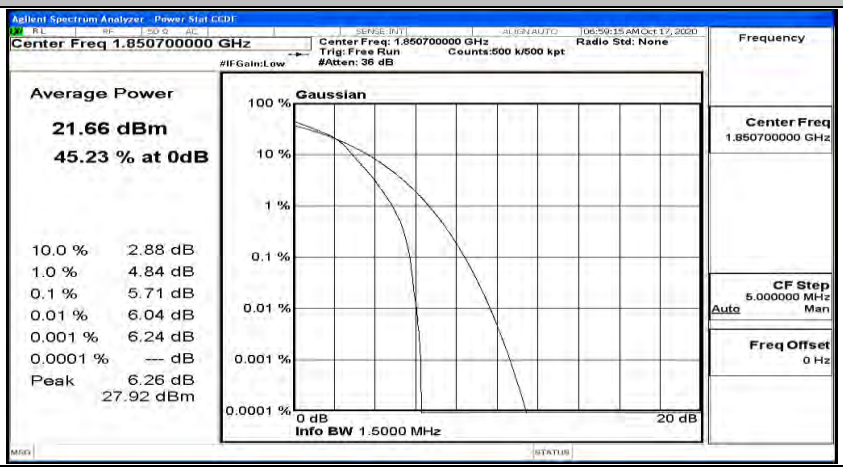
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



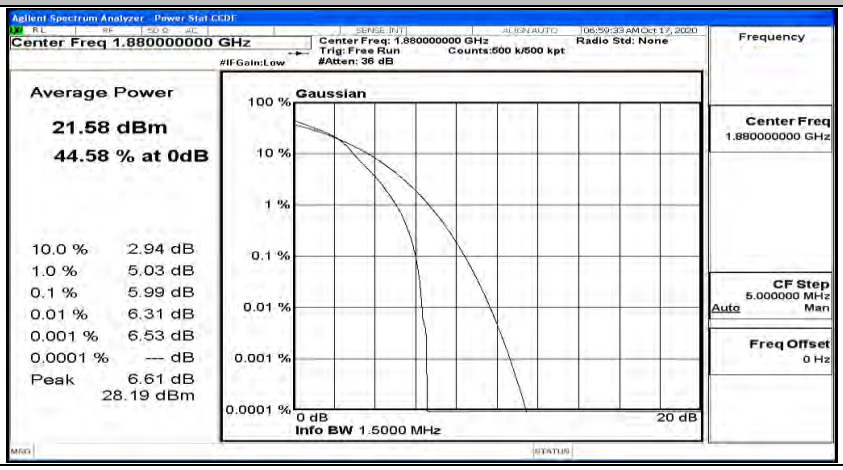
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



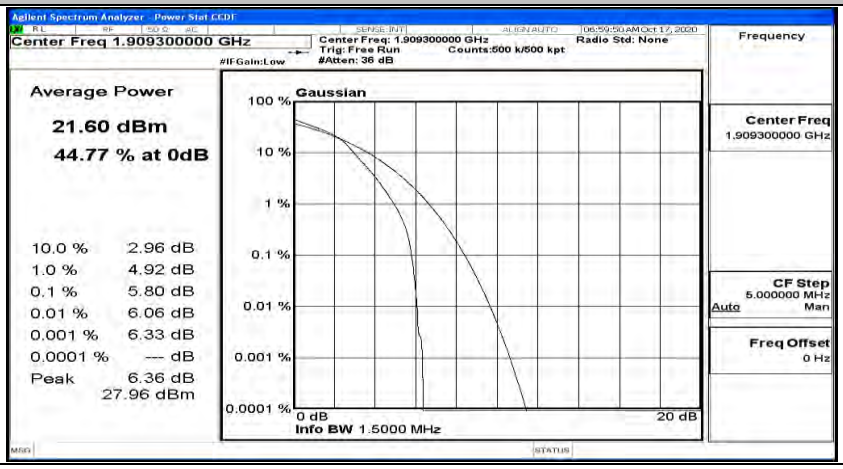
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



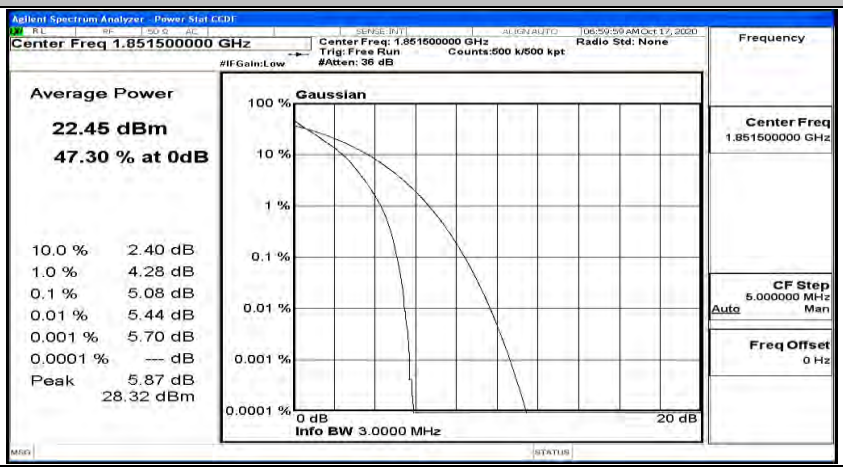
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



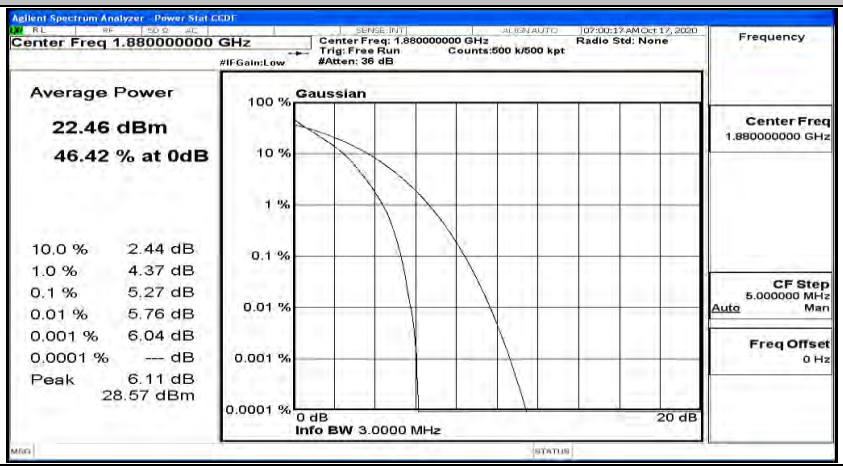
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



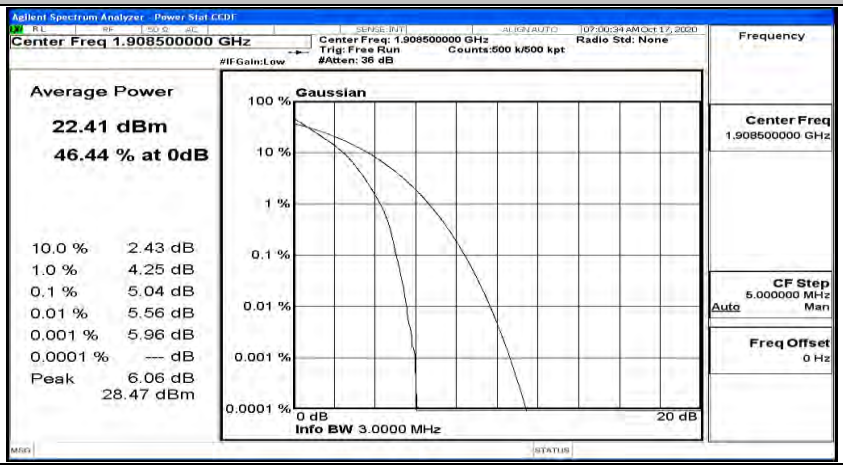
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



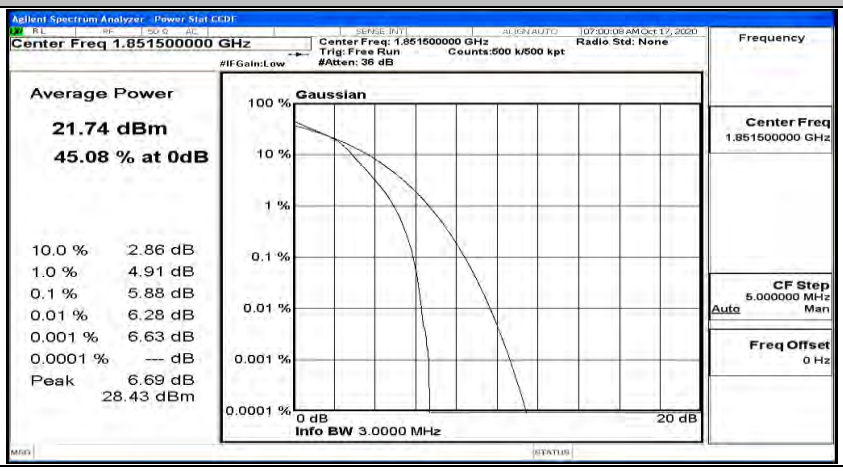
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



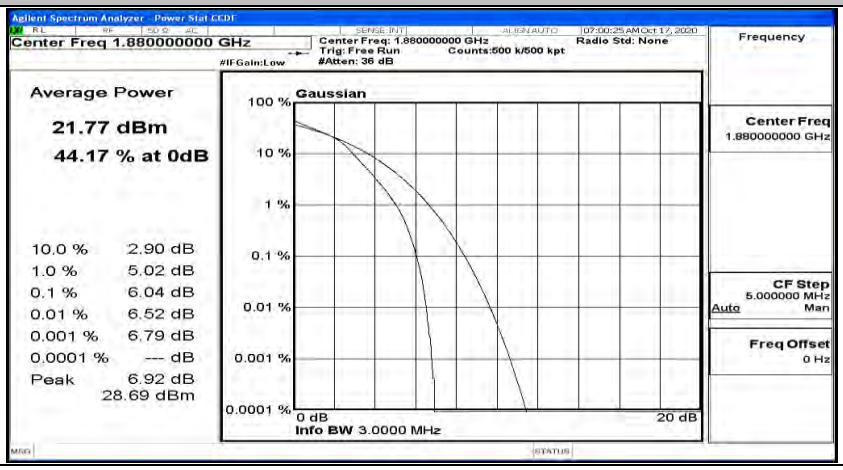
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



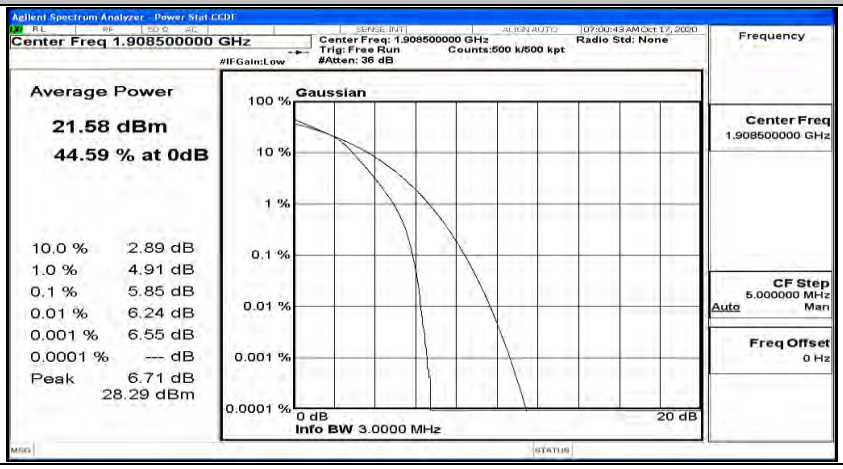
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



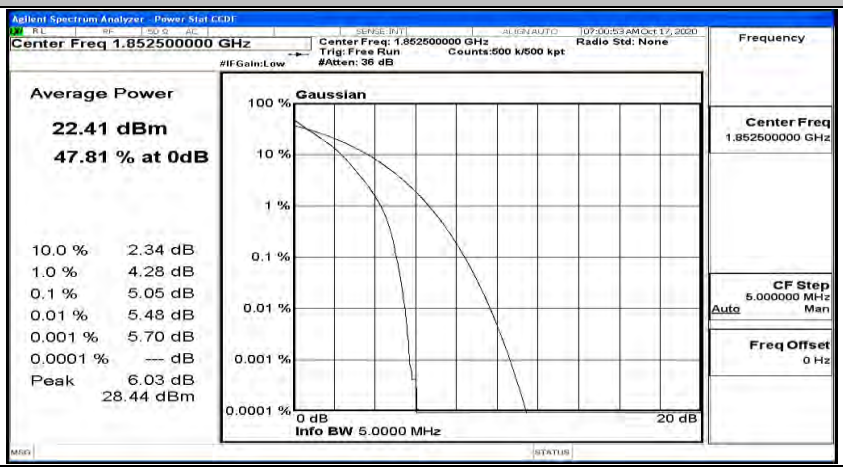
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



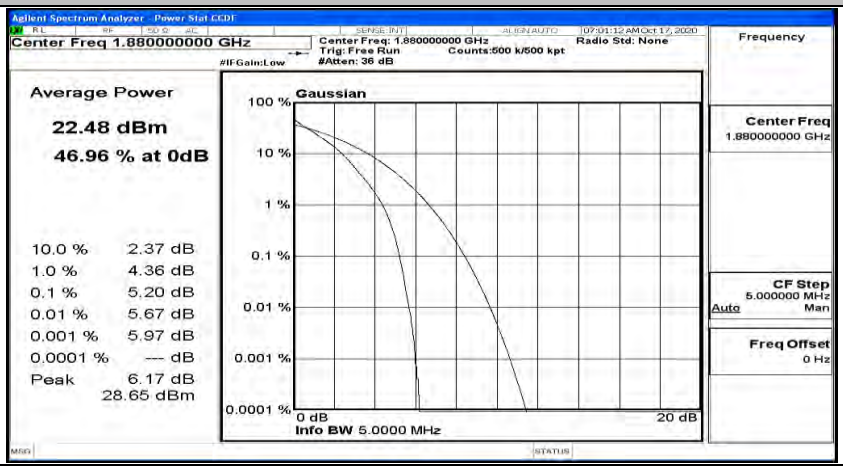
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



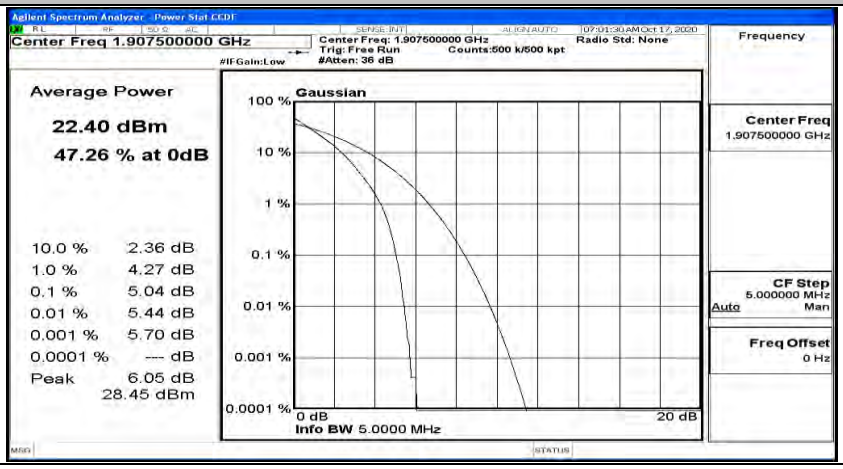
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



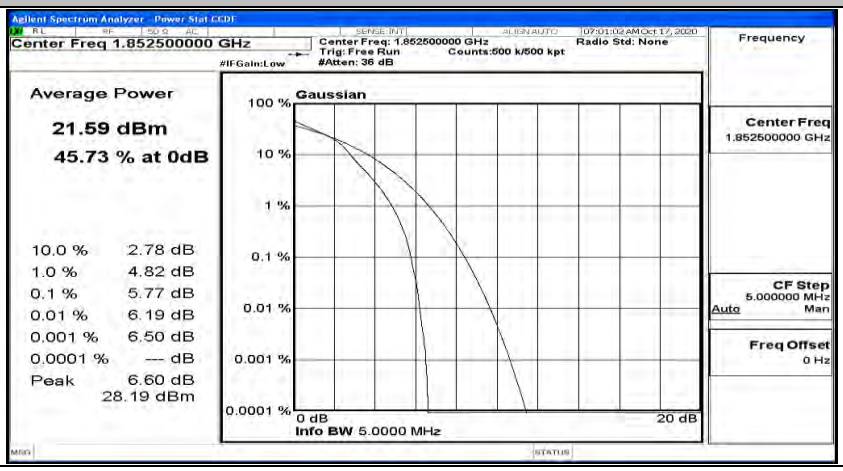
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



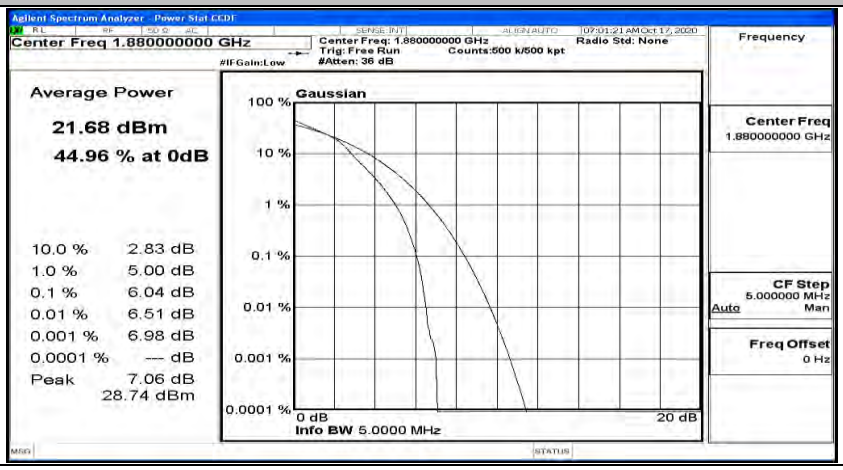
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



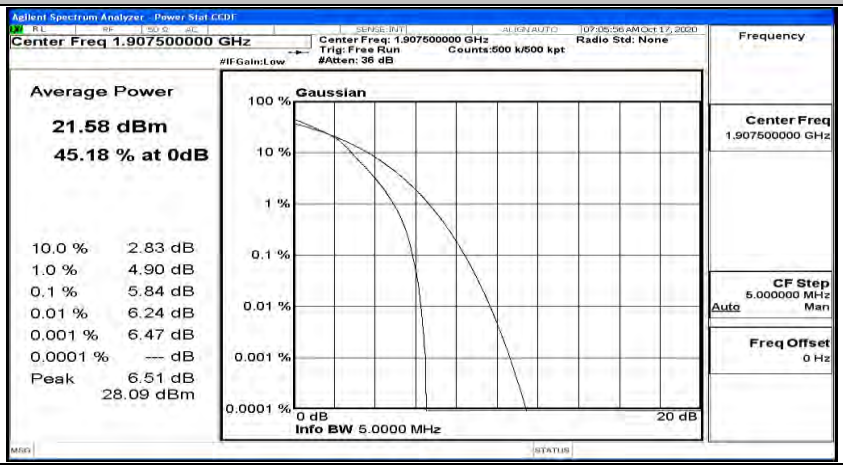
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



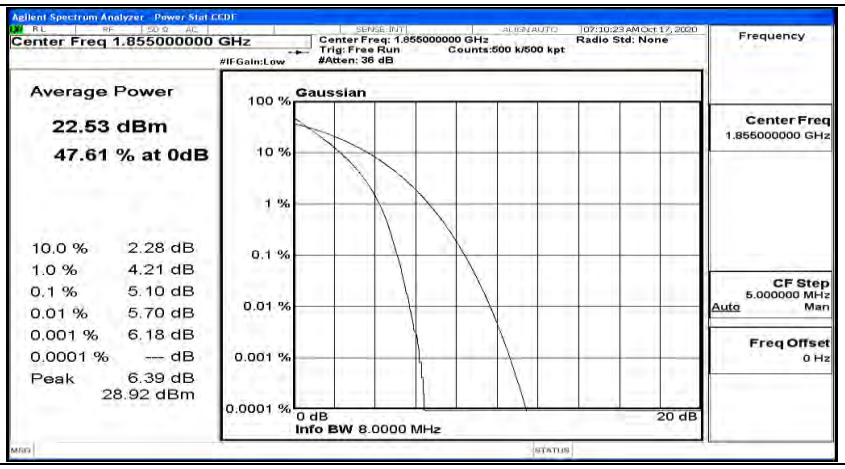
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



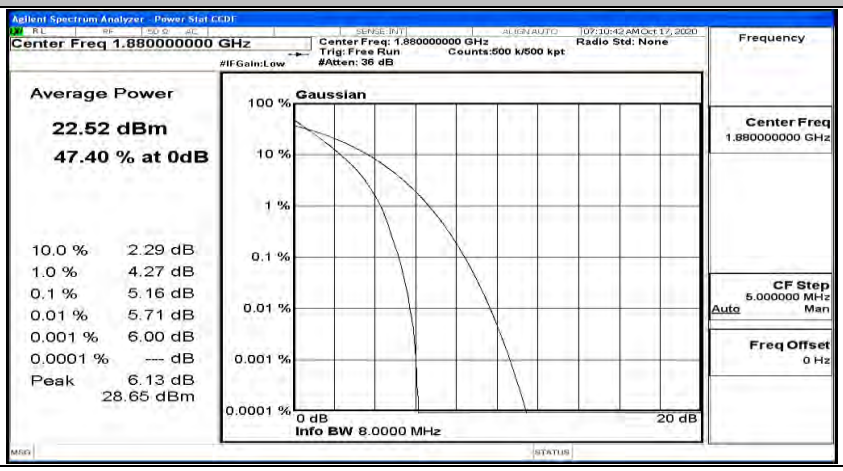
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



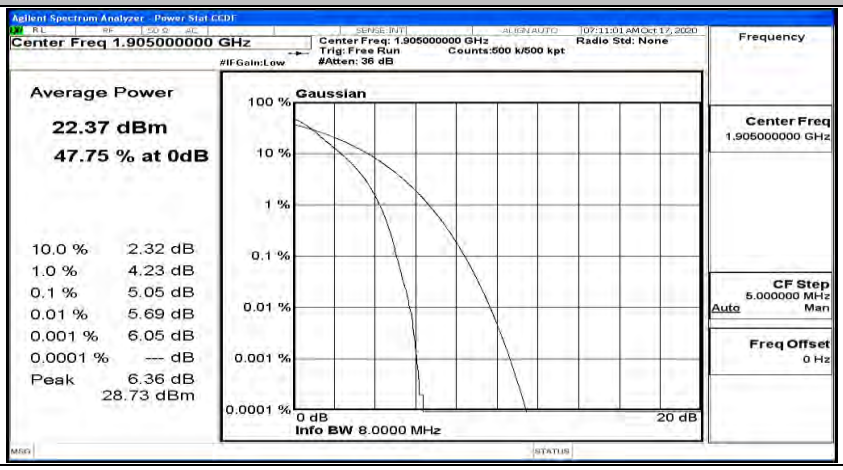
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.855000000 GHz
Center Freq: 1.855000000 GHz
Trig: Free Run
#Atten: 36 dB
Counts:500 k/500 kpt
Radio Std: None
#IFGain:Low
Frequency
Average Power
22.53 dBm
47.61 % at 0dB
10.0 % 2.28 dB
1.0 % 4.21 dB
0.1 % 5.10 dB
0.01 % 5.70 dB
0.001 % 6.18 dB
0.0001 % --- dB
Peak 6.39 dB
28.92 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 8.0000 MHz
Center Freq
1.855000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

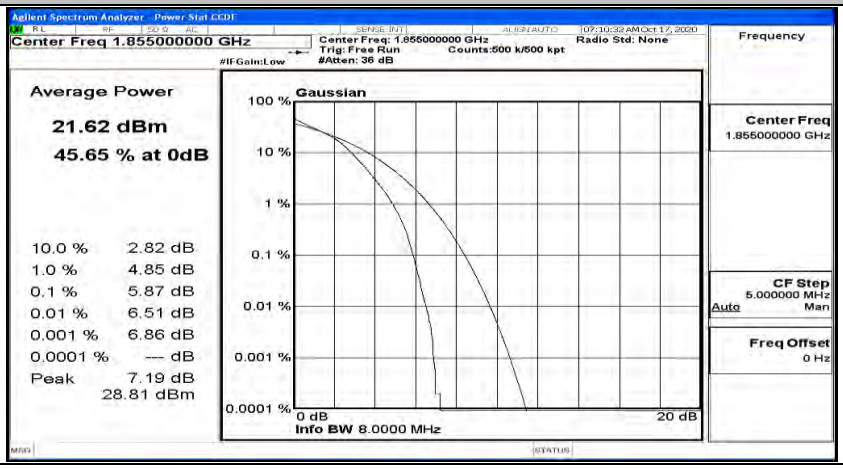
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



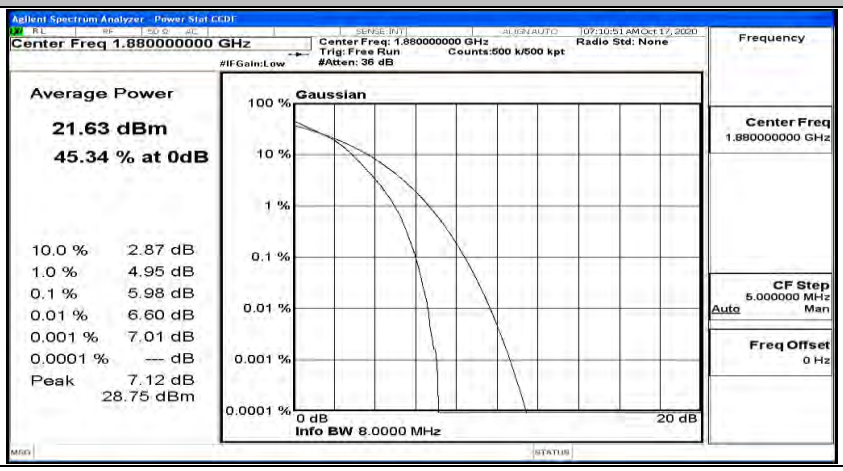
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



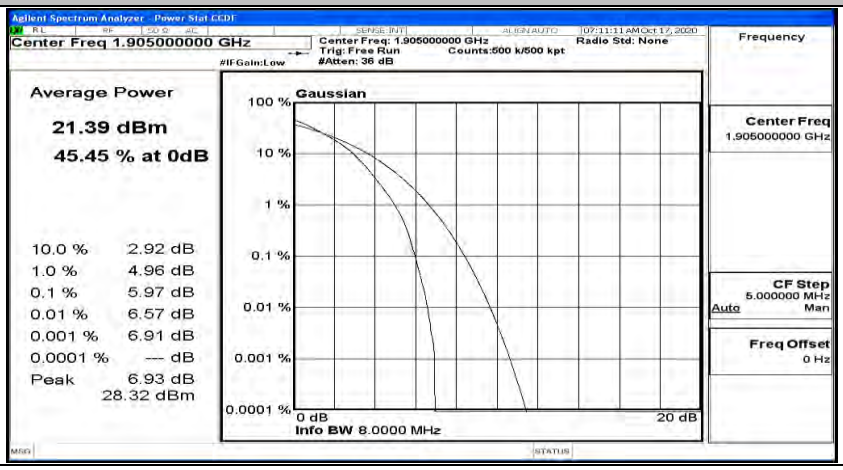
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



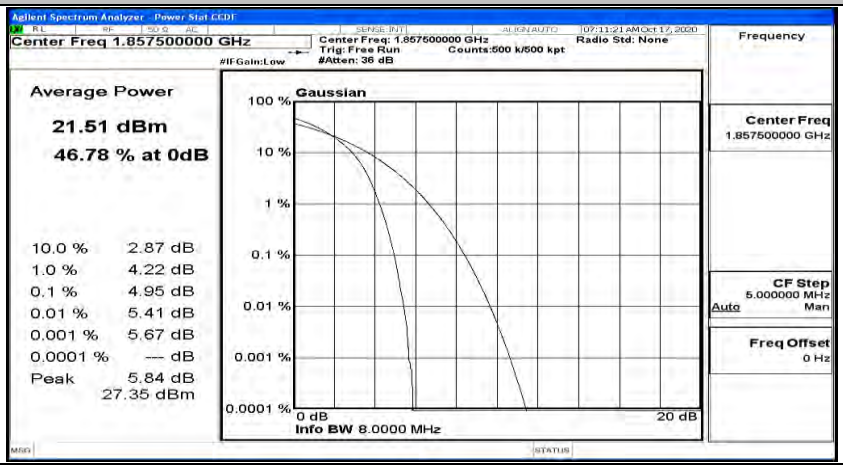
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



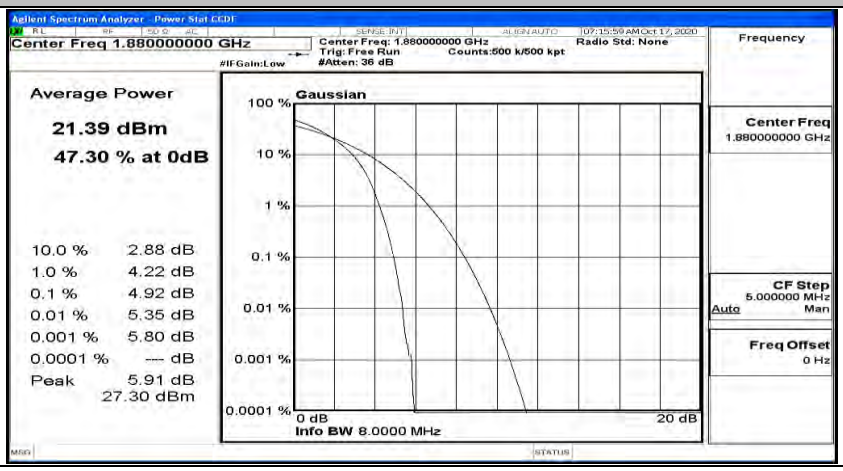
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



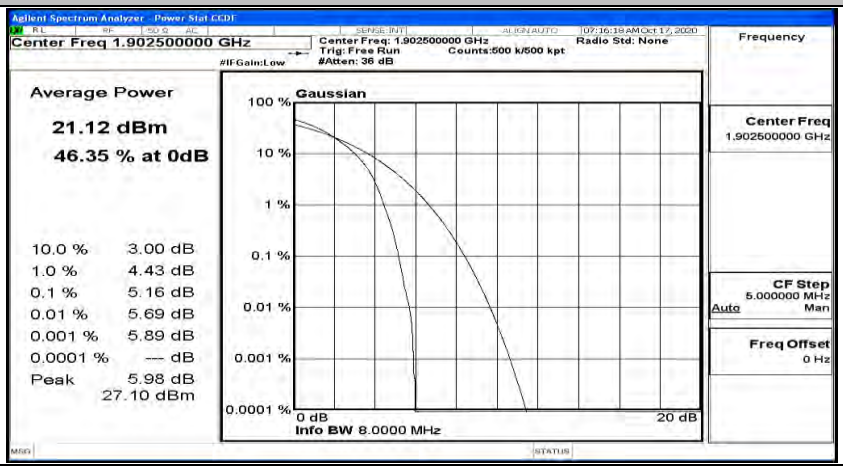
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



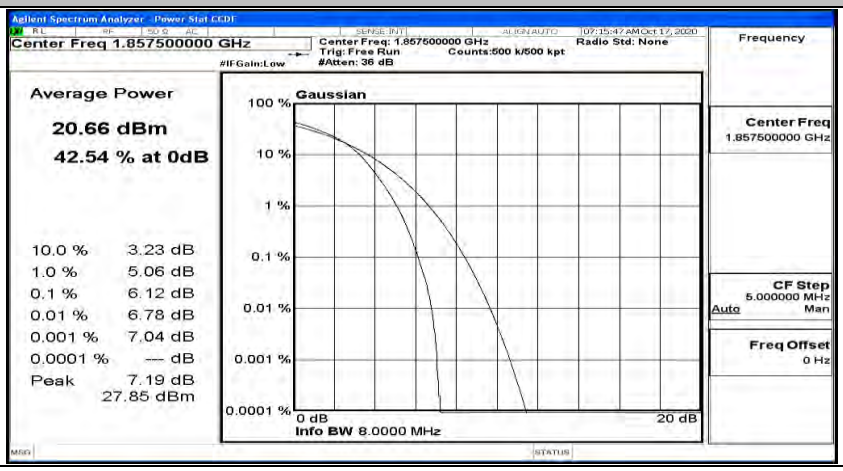
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



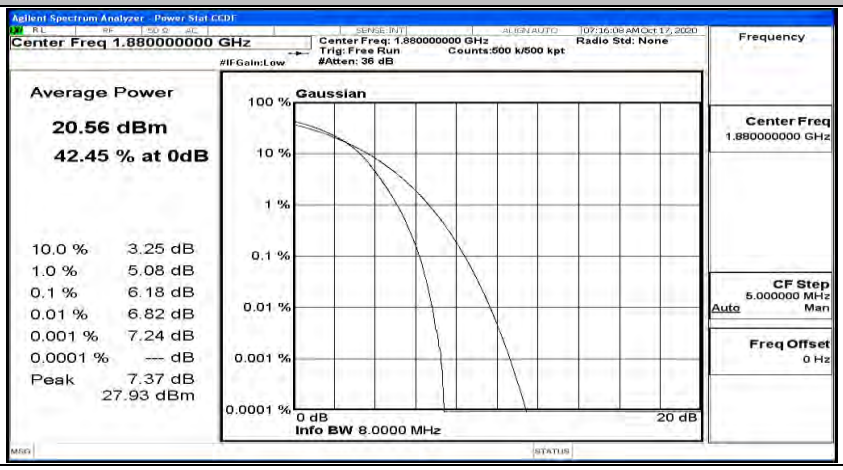
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



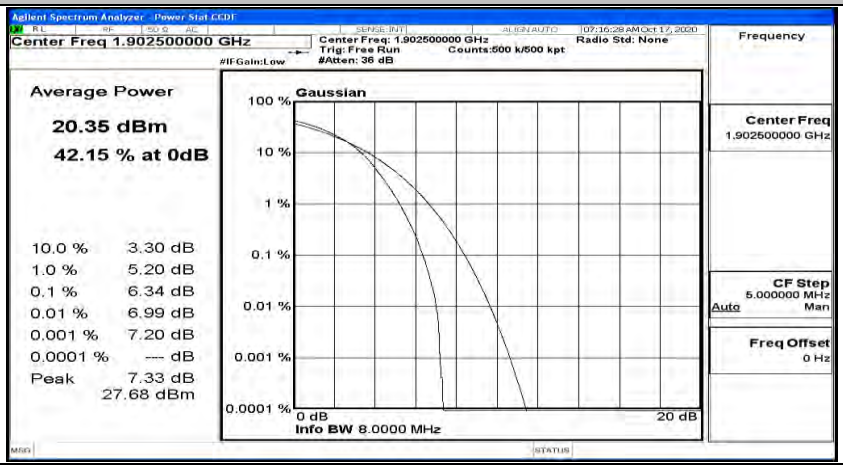
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



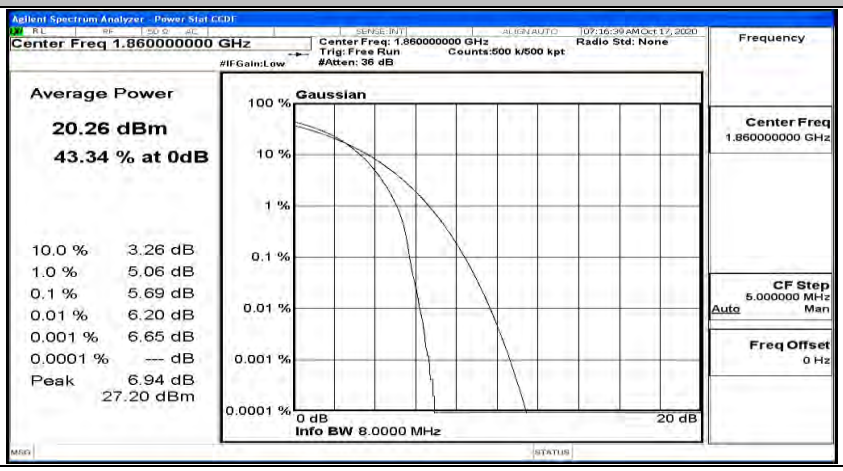
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



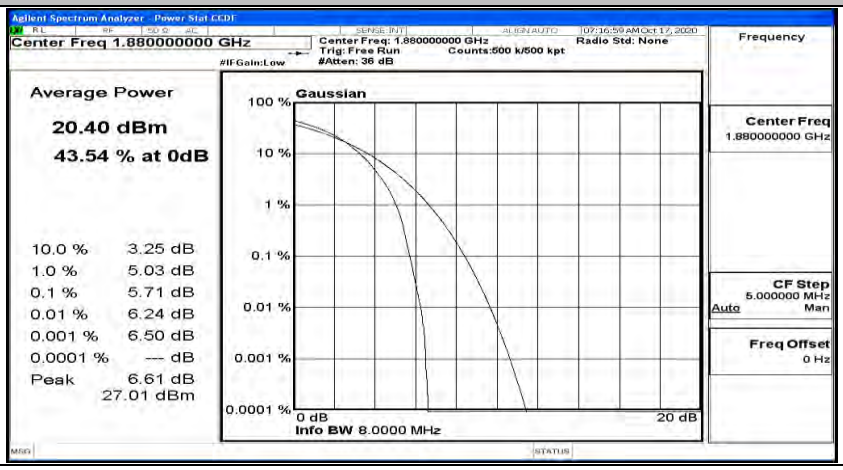
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



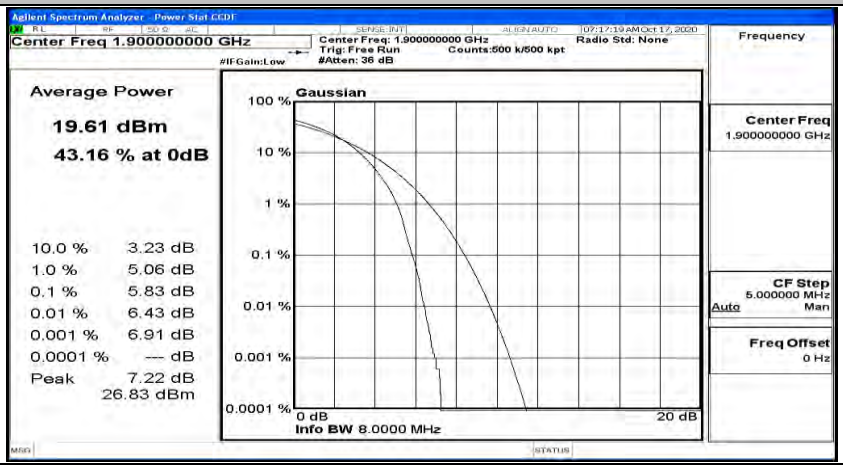
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



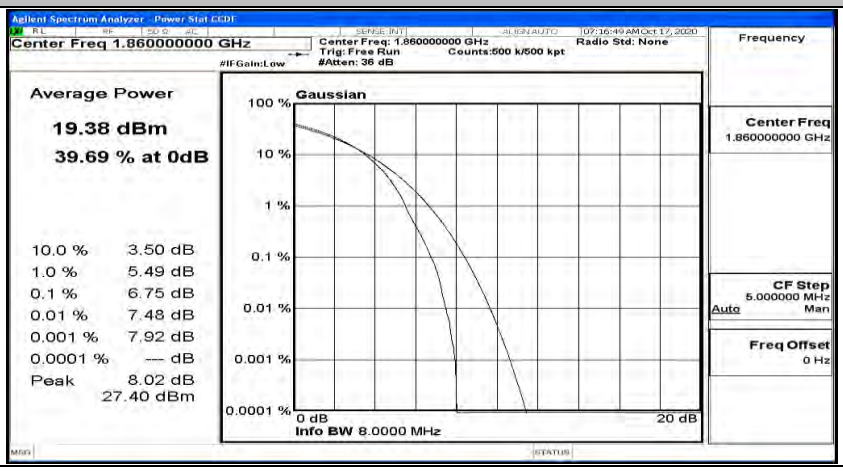
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



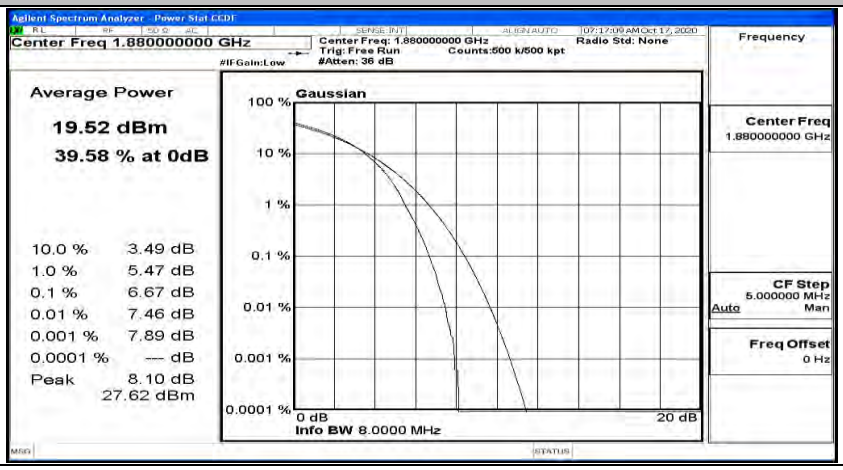
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



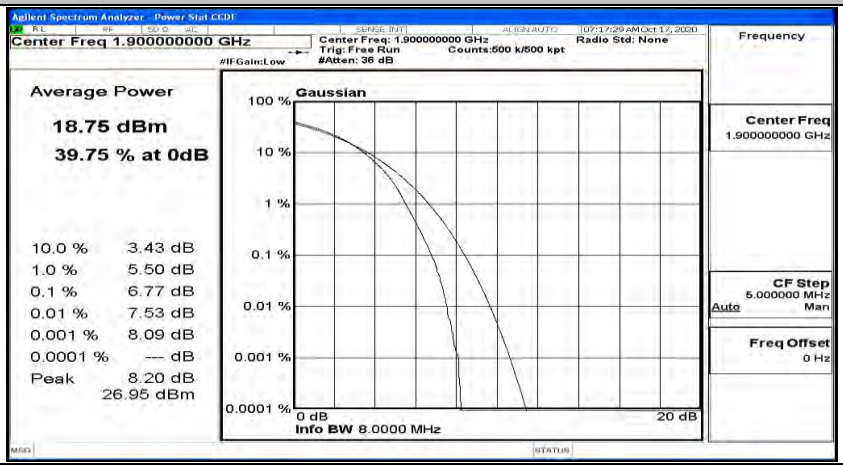
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



D.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	1.0745	1.232	PASS
	MCH	1.0776	1.227	PASS
	HCH	1.0791	1.256	PASS
16QAM	LCH	1.0785	1.255	PASS
	MCH	1.0774	1.223	PASS
	HCH	1.0797	1.258	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6826	2.880	PASS
	MCH	2.6819	2.907	PASS
	HCH	2.6862	2.873	PASS
16QAM	LCH	2.6796	2.890	PASS
	MCH	2.6848	2.911	PASS
	HCH	2.6781	2.901	PASS

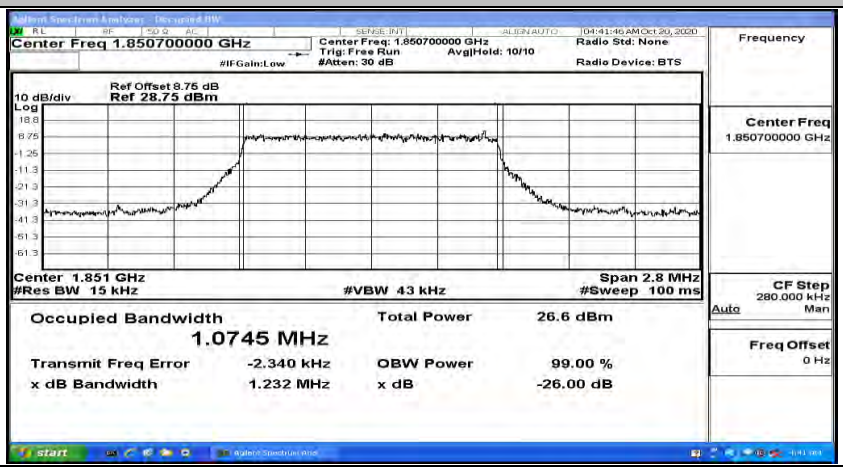
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4729	4.821	PASS
	MCH	4.4676	4.797	PASS
	HCH	4.4681	4.806	PASS
16QAM	LCH	4.4739	4.814	PASS
	MCH	4.4715	4.768	PASS
	HCH	4.4674	4.732	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9248	9.434	PASS
	MCH	8.9225	9.445	PASS
	HCH	8.9083	9.389	PASS
16QAM	LCH	8.9171	9.417	PASS
	MCH	8.9230	9.384	PASS
	HCH	8.8977	9.362	PASS

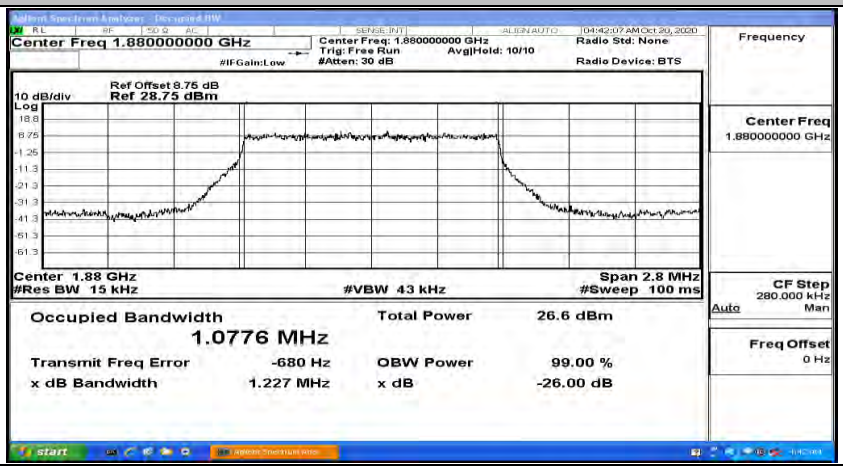
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.419	13.92	PASS
	MCH	13.355	14.03	PASS
	HCH	13.385	13.97	PASS
16QAM	LCH	13.388	14.03	PASS
	MCH	13.351	14.01	PASS
	HCH	13.380	14.08	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.865	18.59	PASS
	MCH	17.813	18.54	PASS
	HCH	17.857	18.59	PASS
16QAM	LCH	17.813	18.70	PASS
	MCH	17.794	18.49	PASS
	HCH	17.885	18.61	PASS

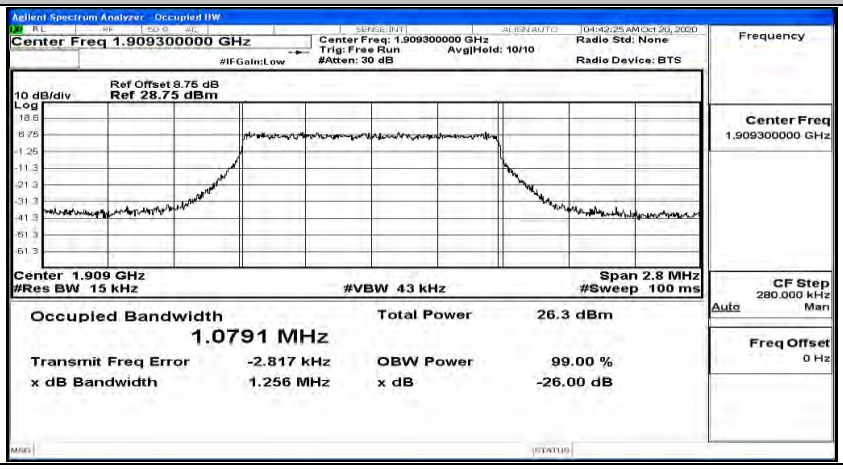
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



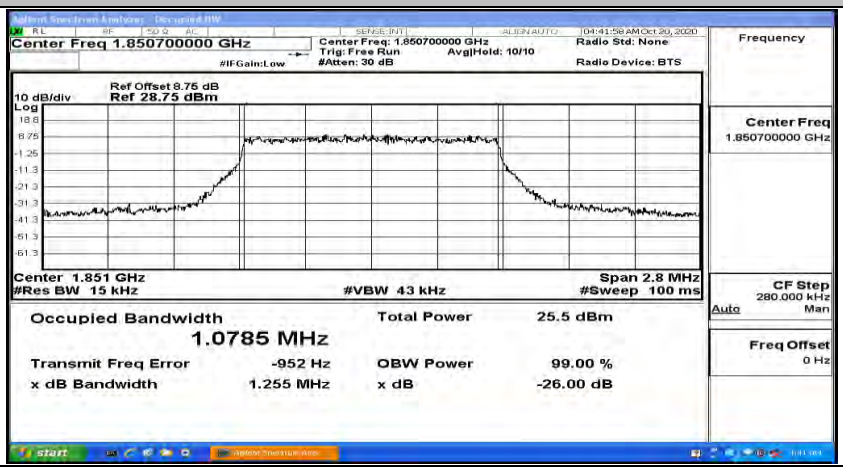
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



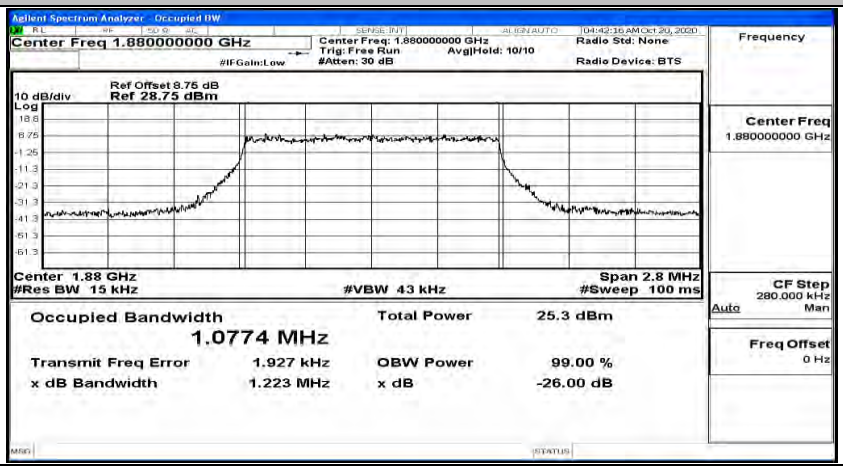
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



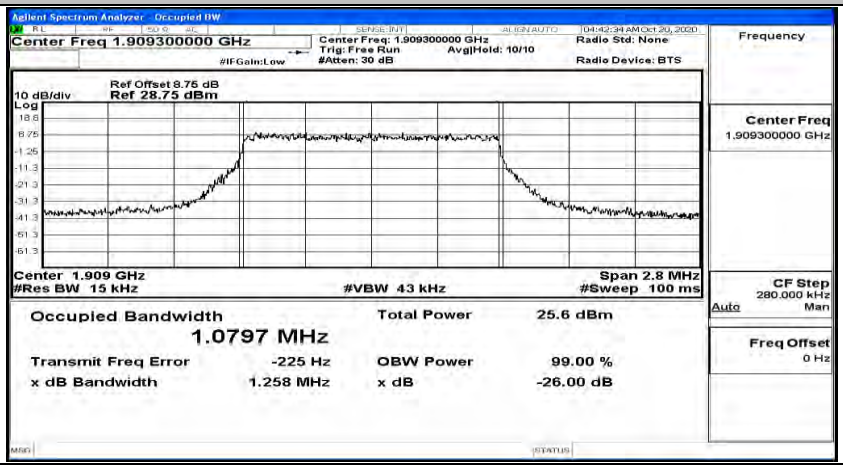
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



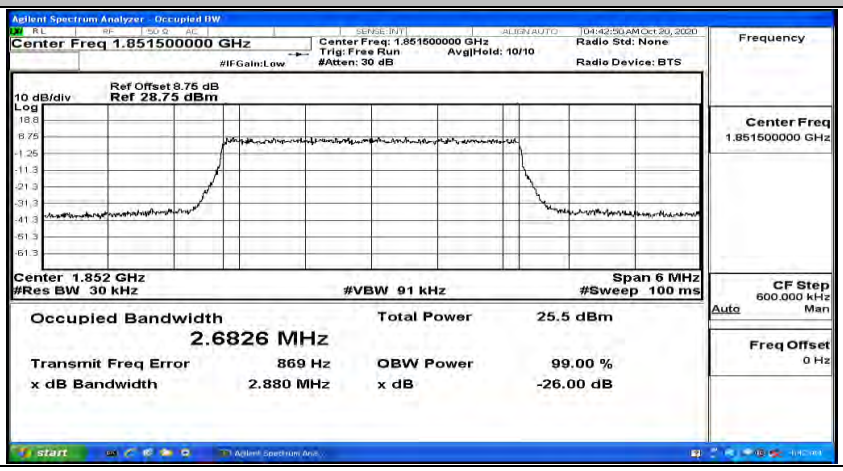
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



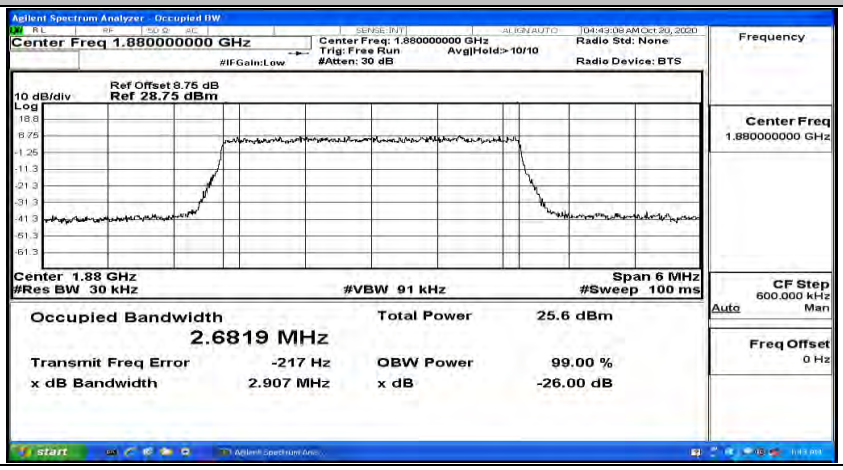
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



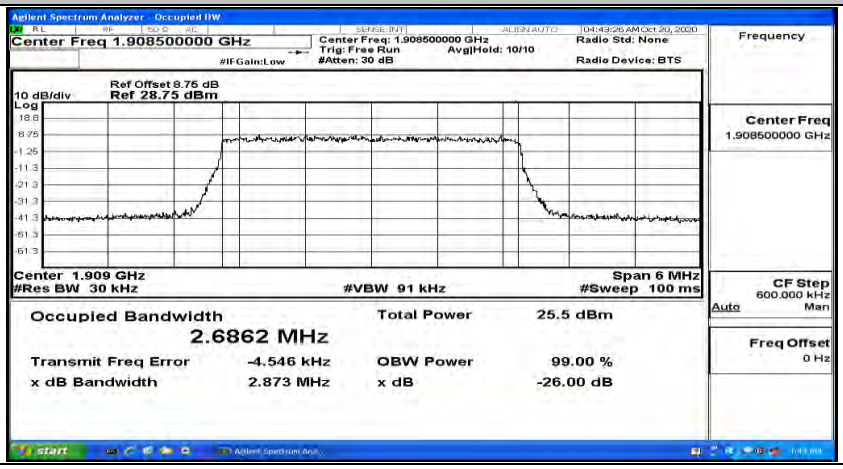
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



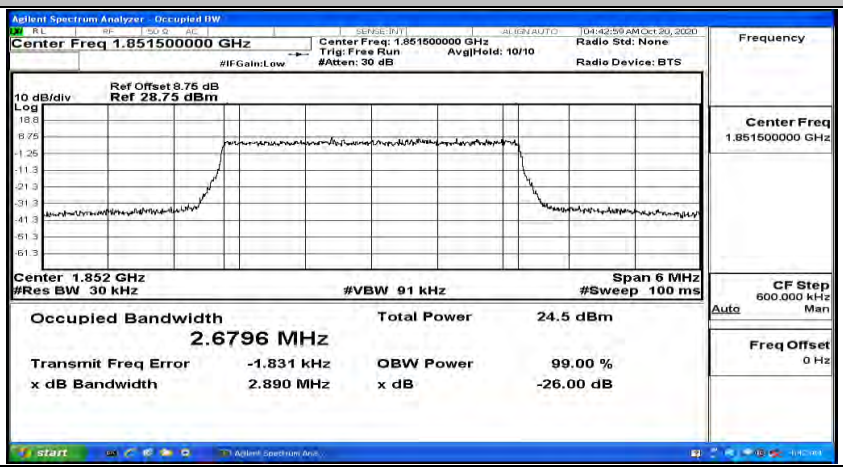
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



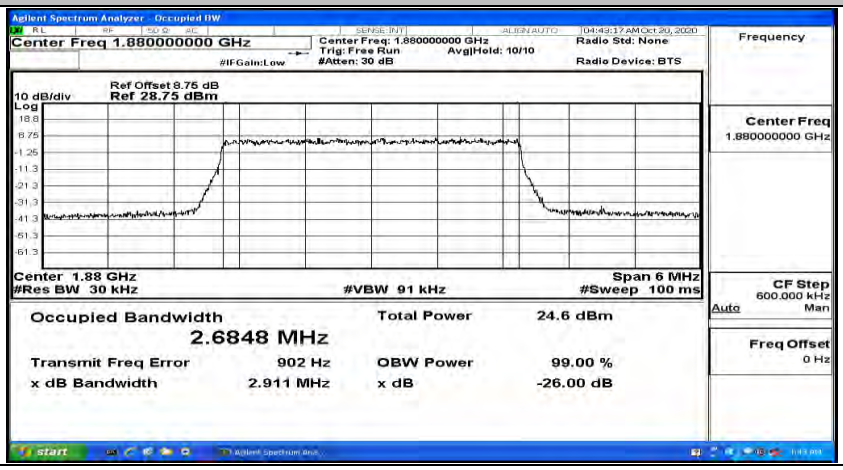
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



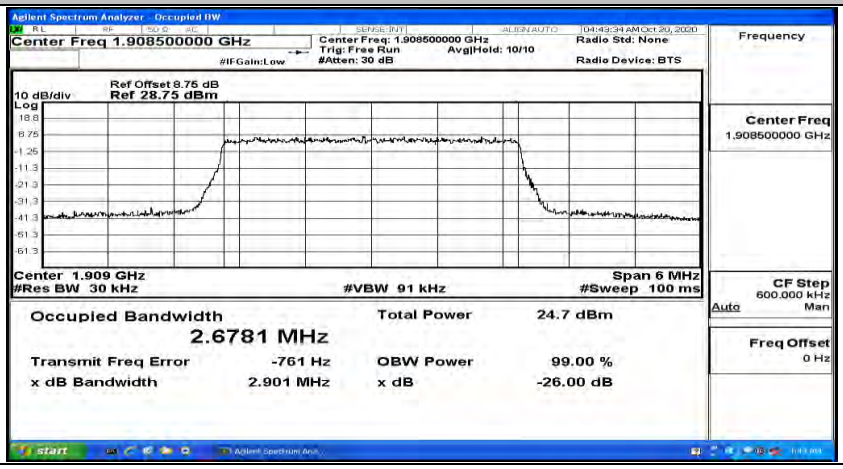
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



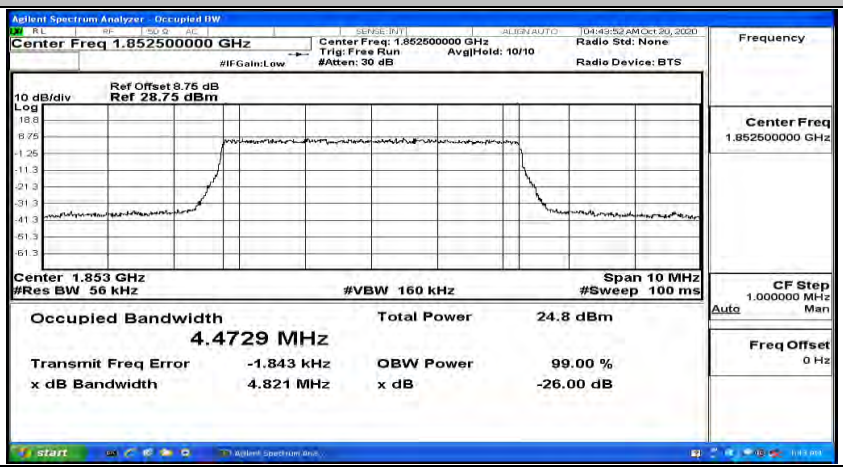
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



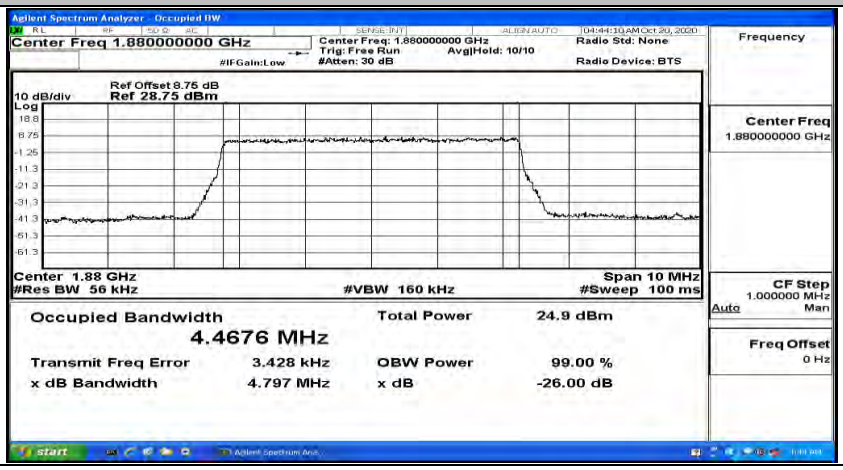
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



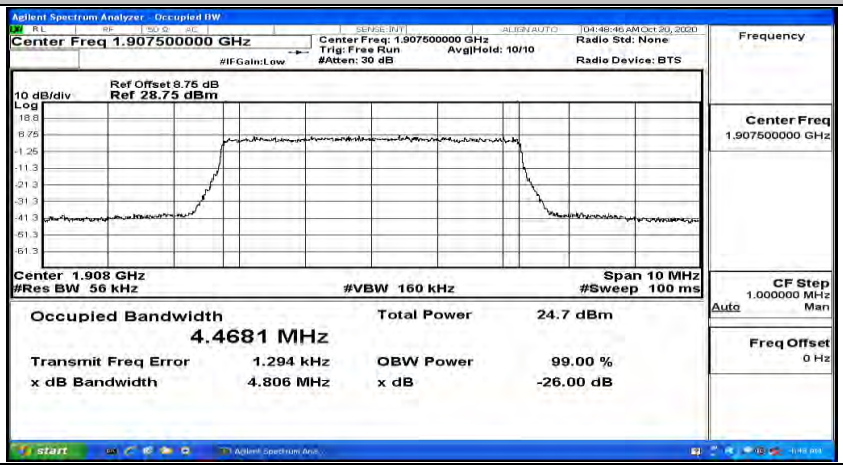
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



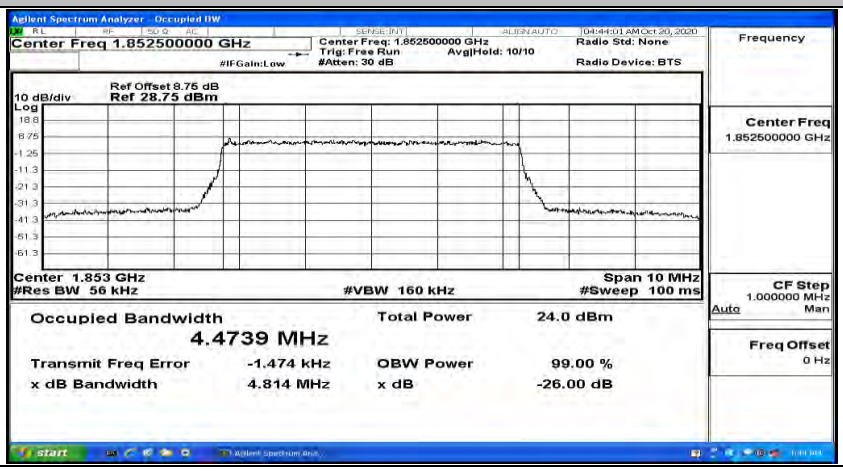
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



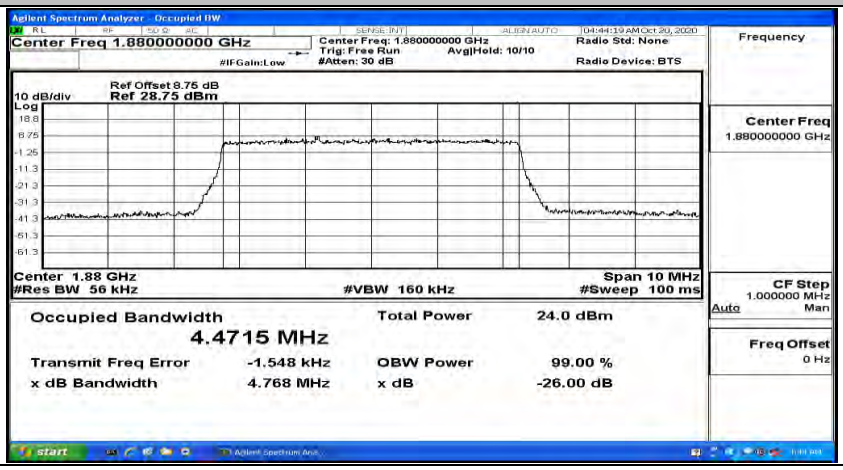
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



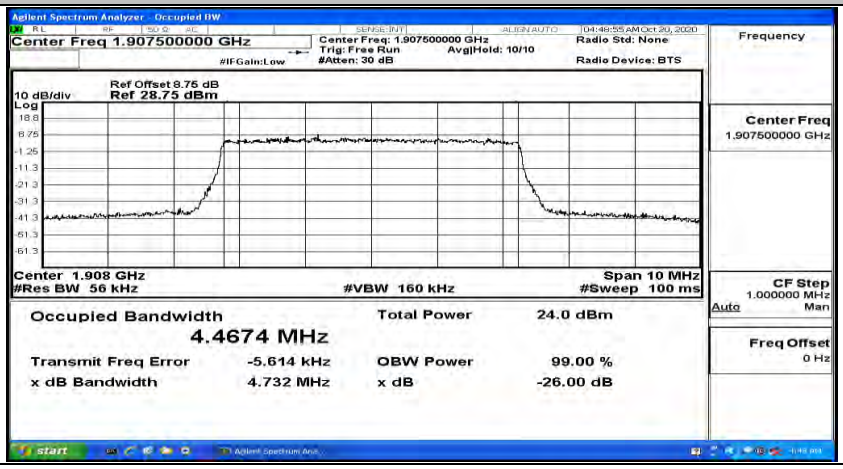
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



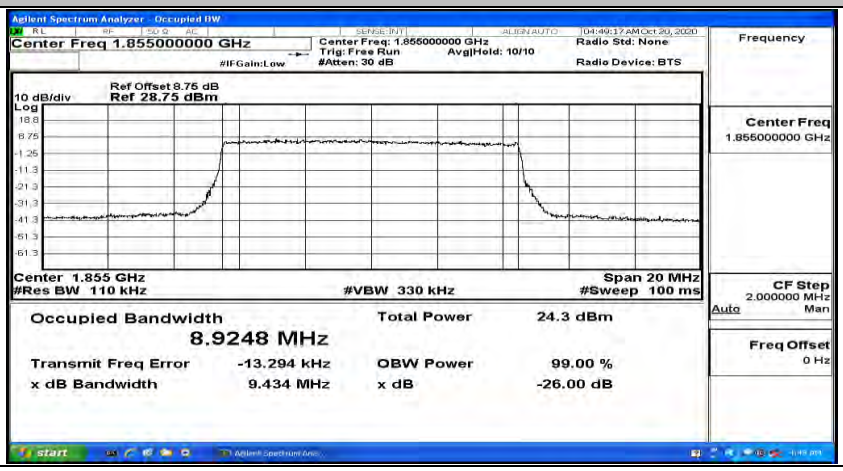
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



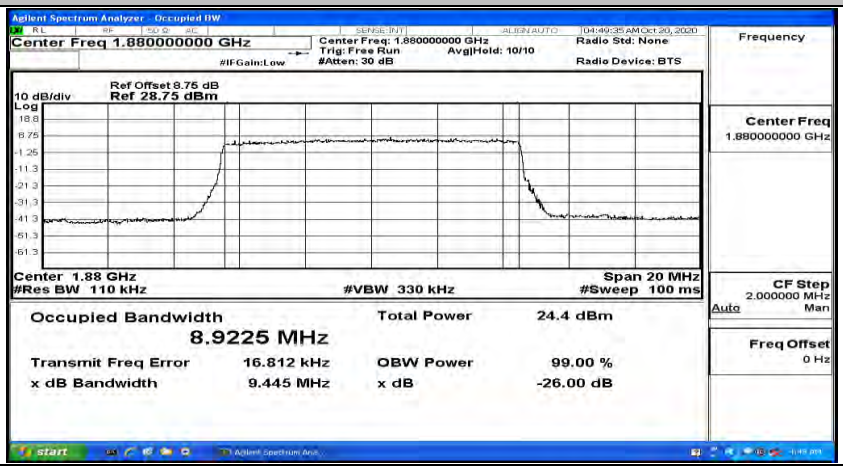
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



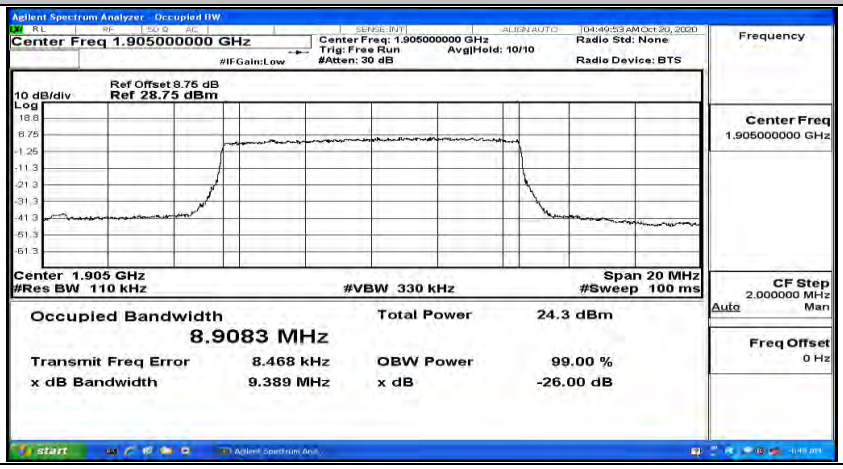
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



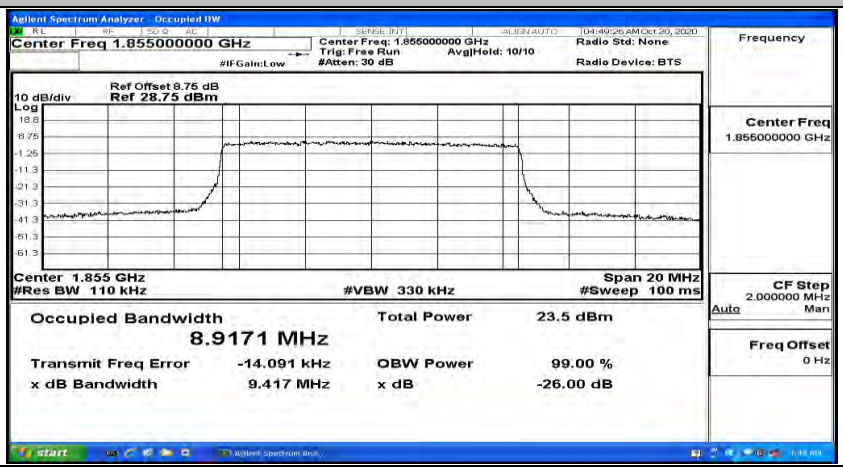
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



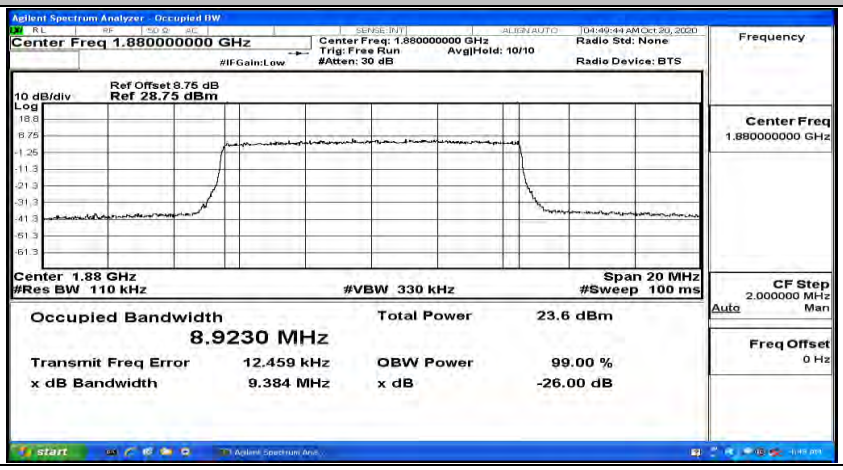
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



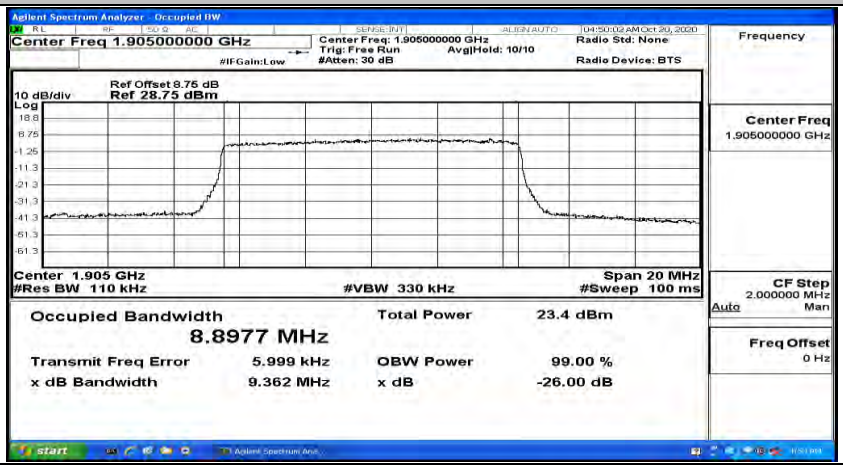
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



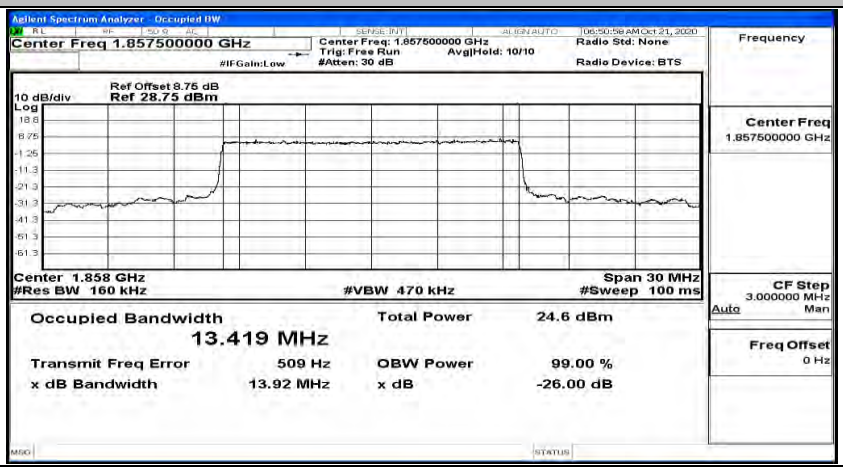
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



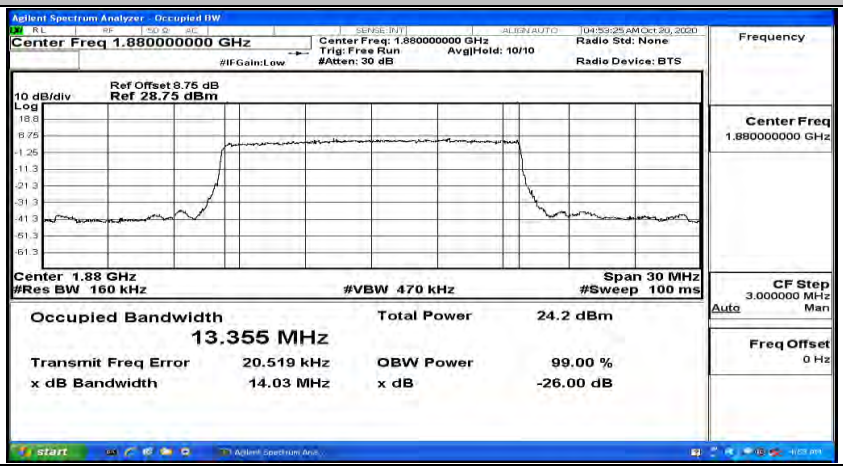
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



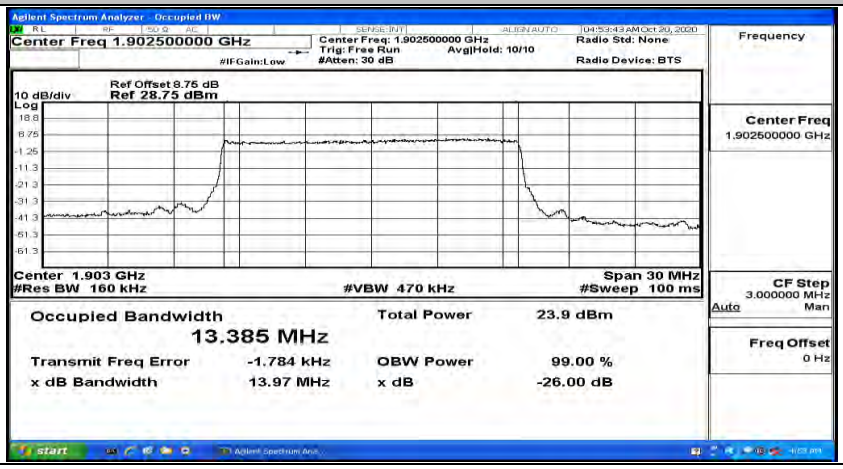
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



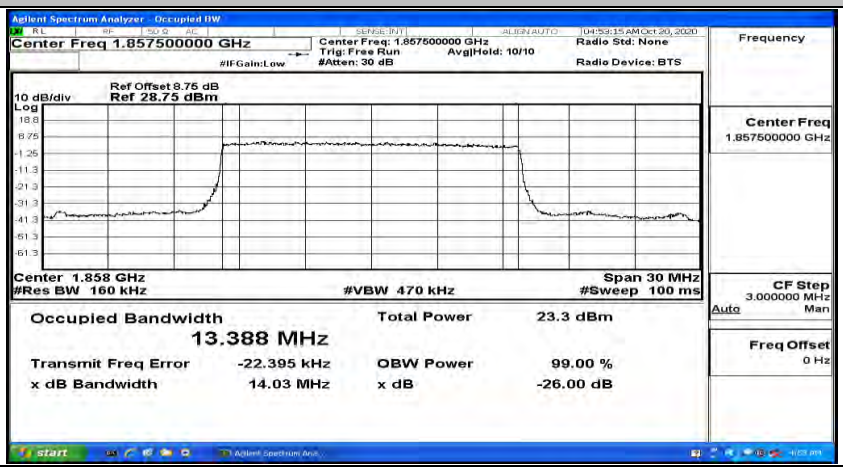
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



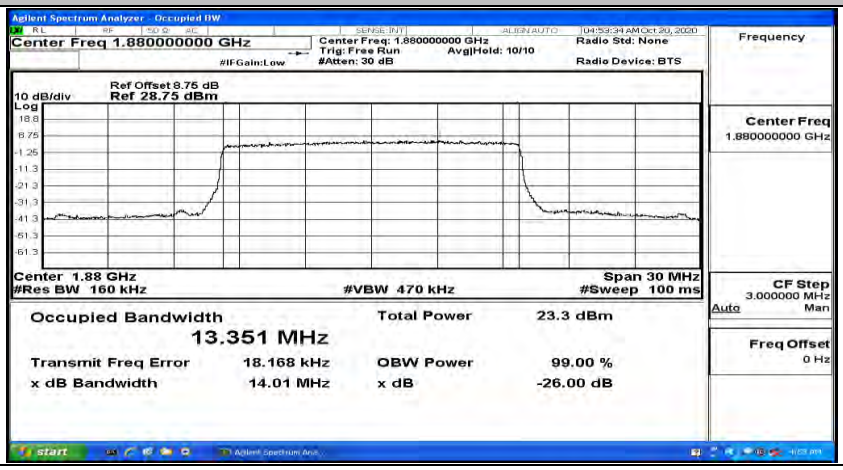
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



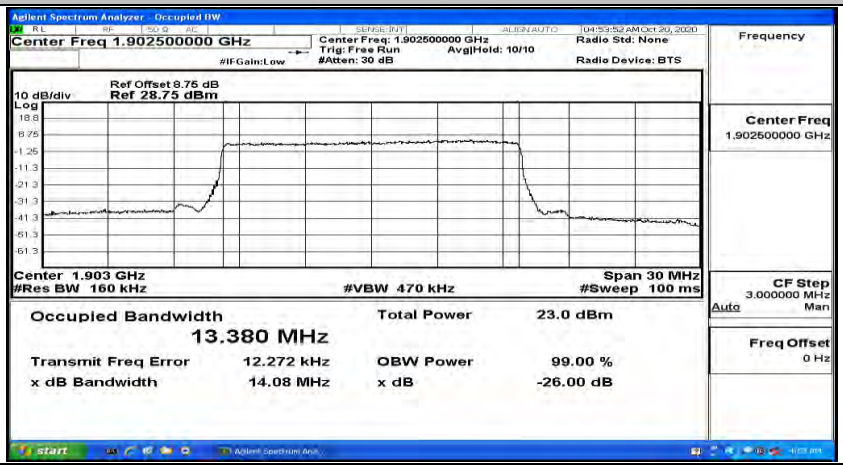
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



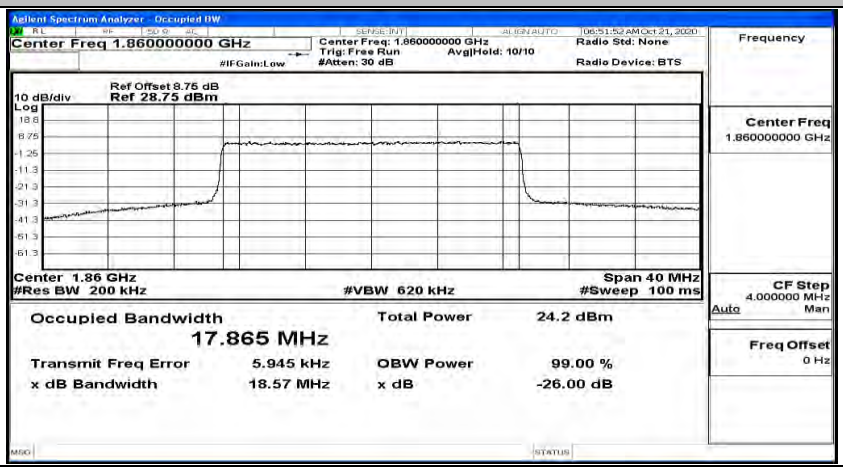
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



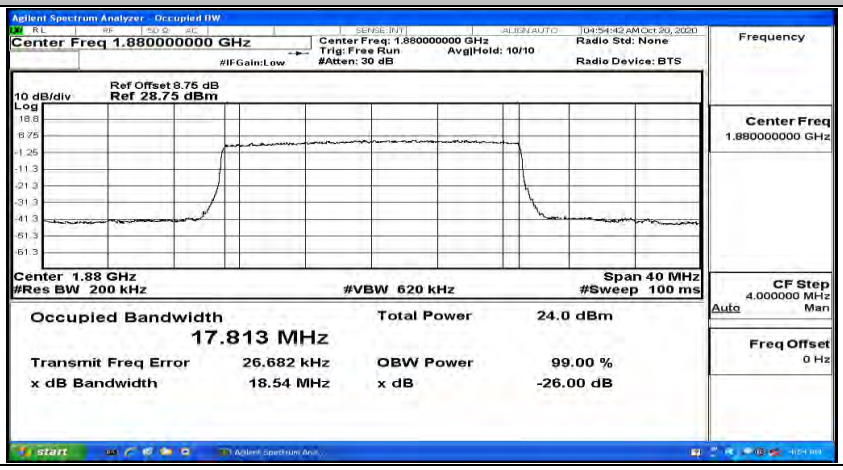
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



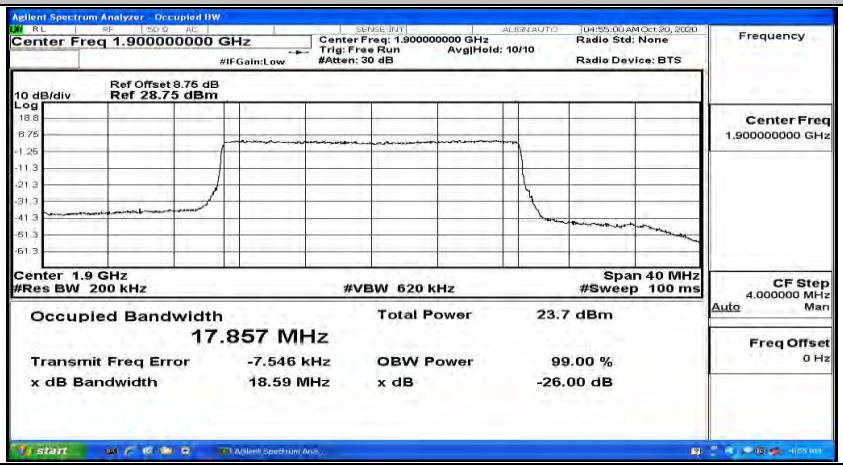
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



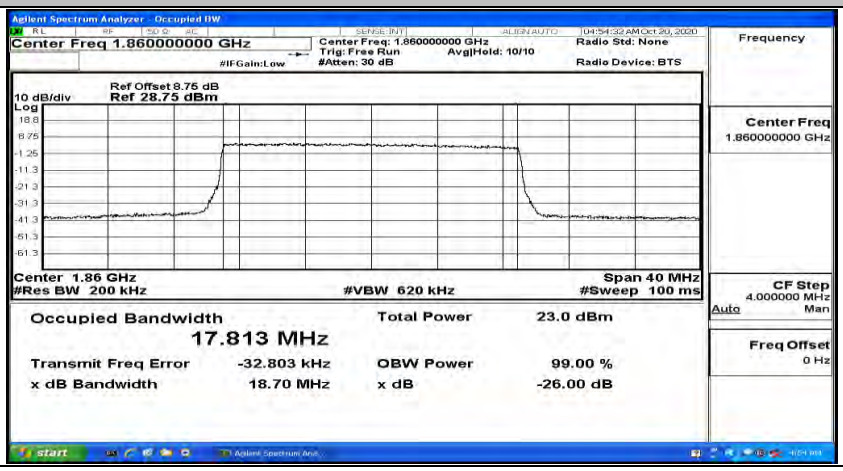
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



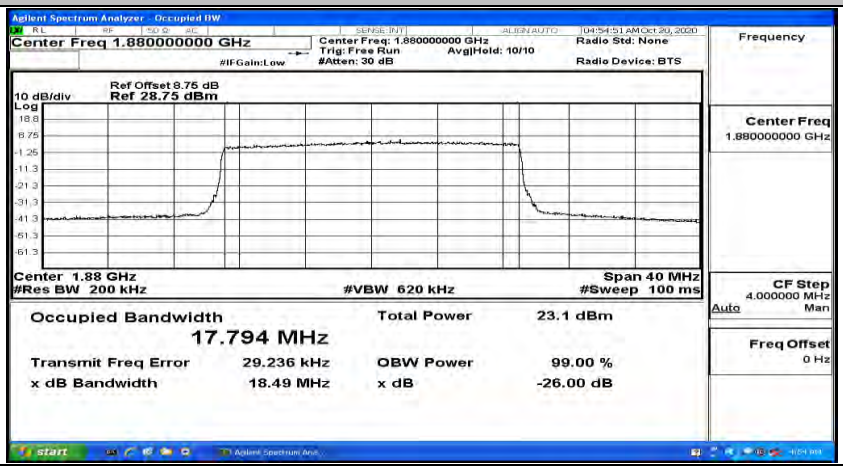
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



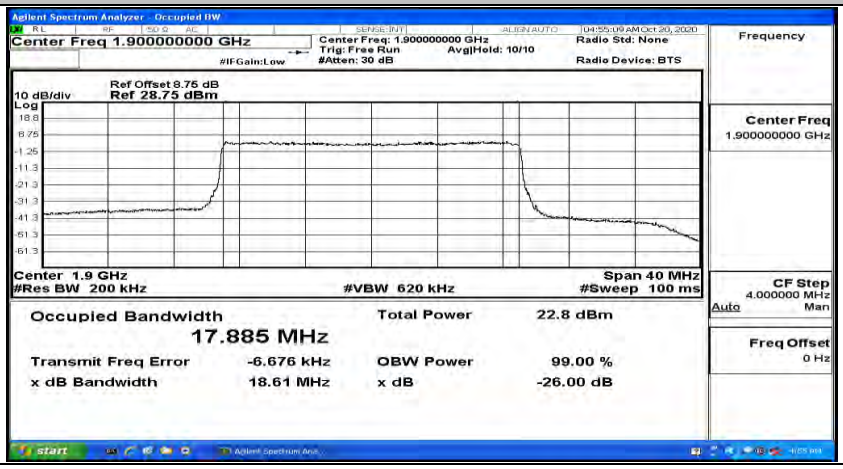
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM

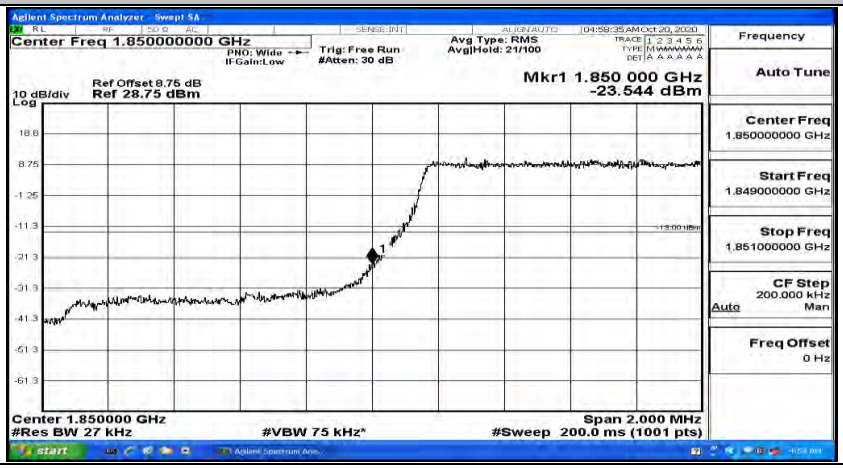


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

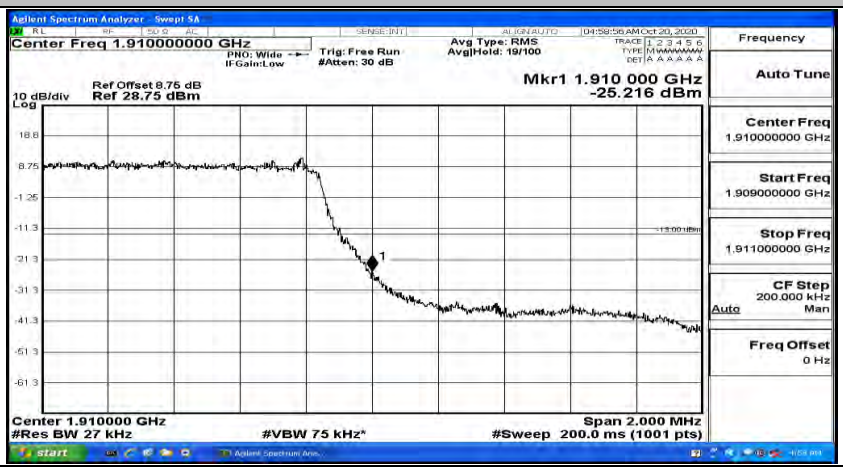


D.4 Band Edge

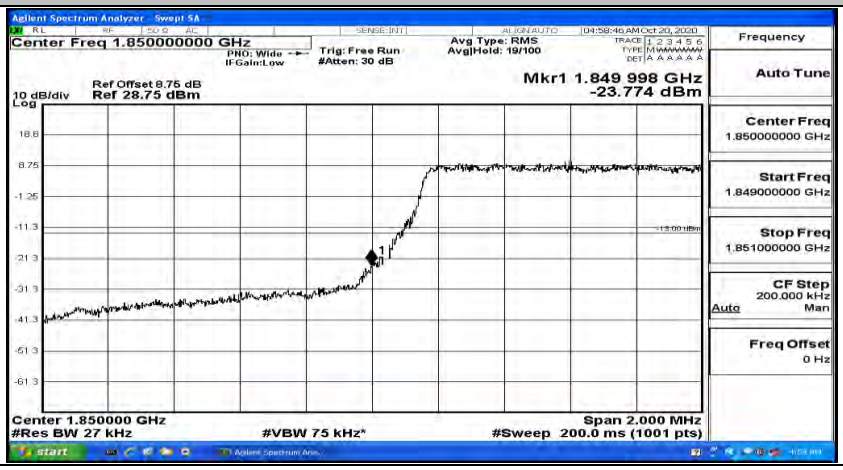
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



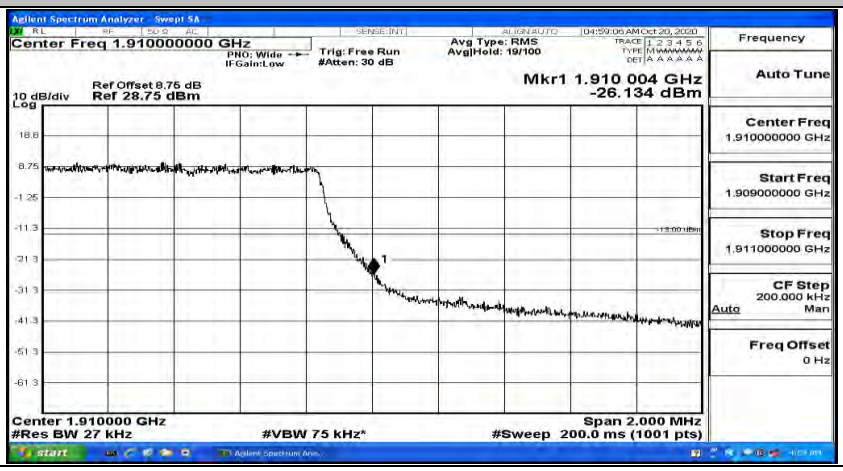
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



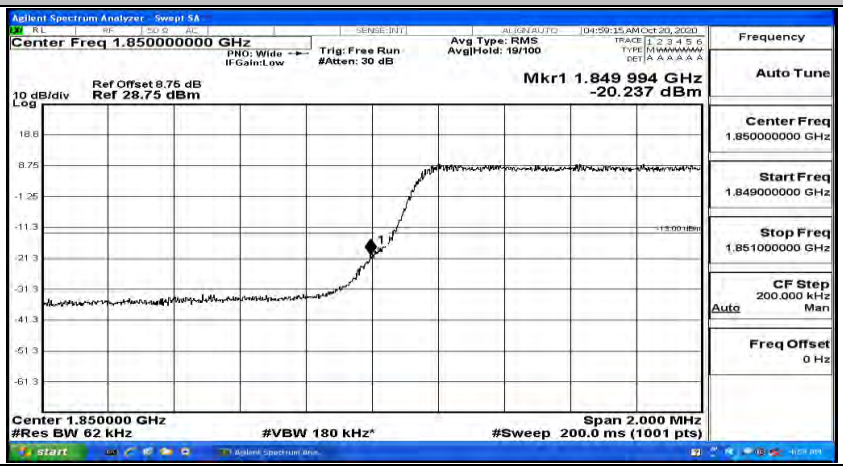
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



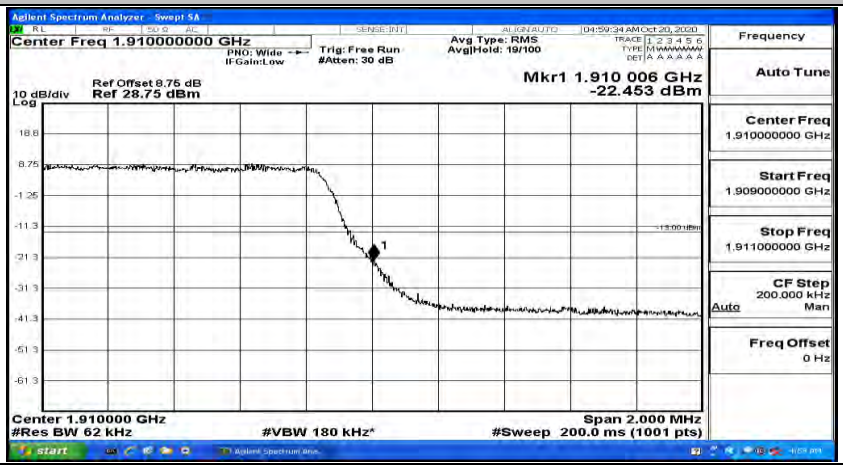
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



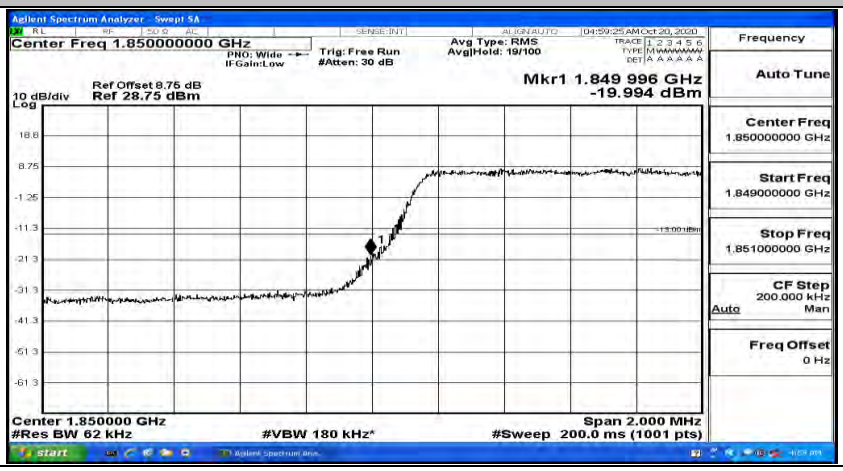
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



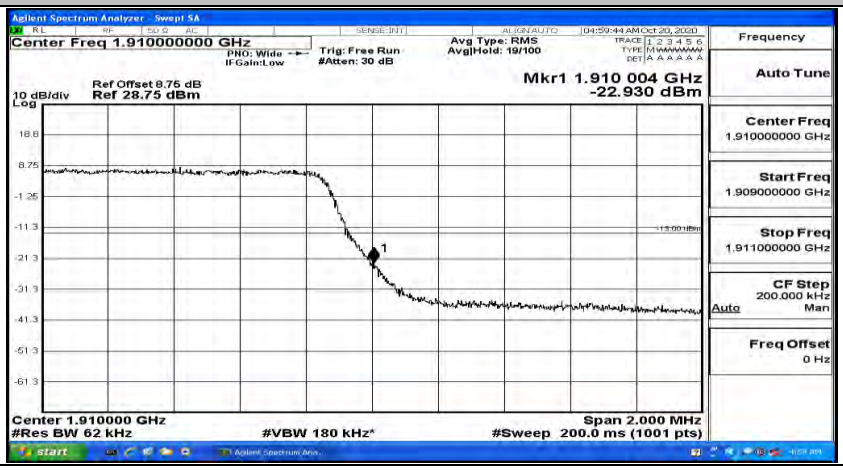
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



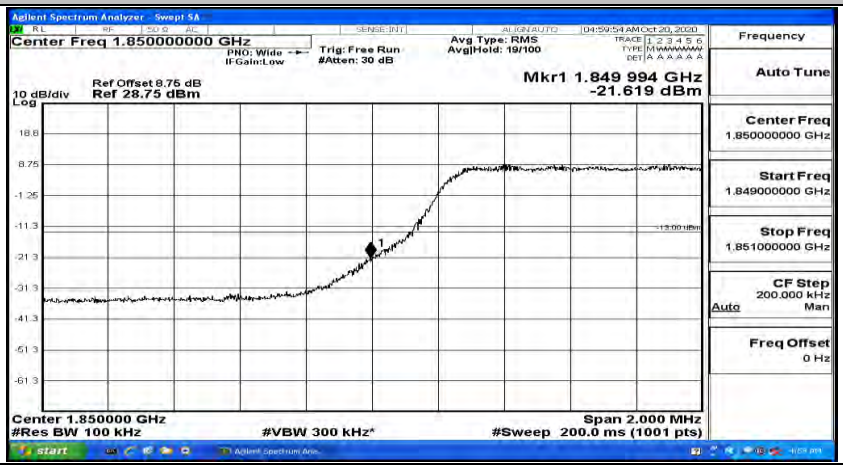
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



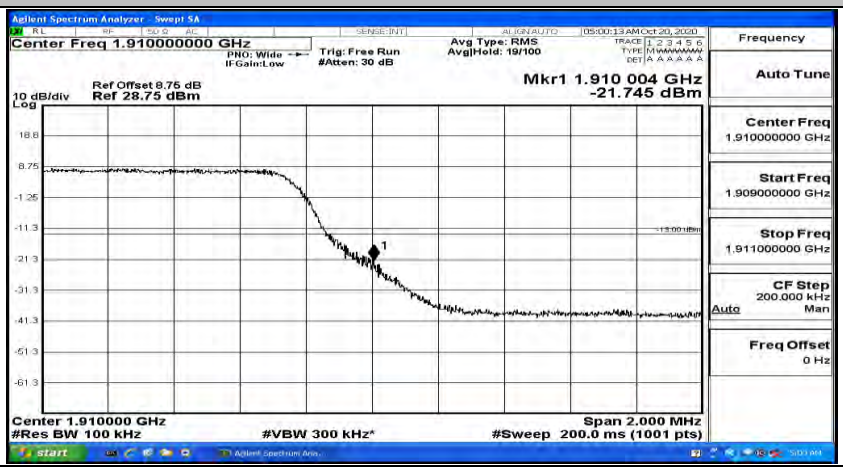
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



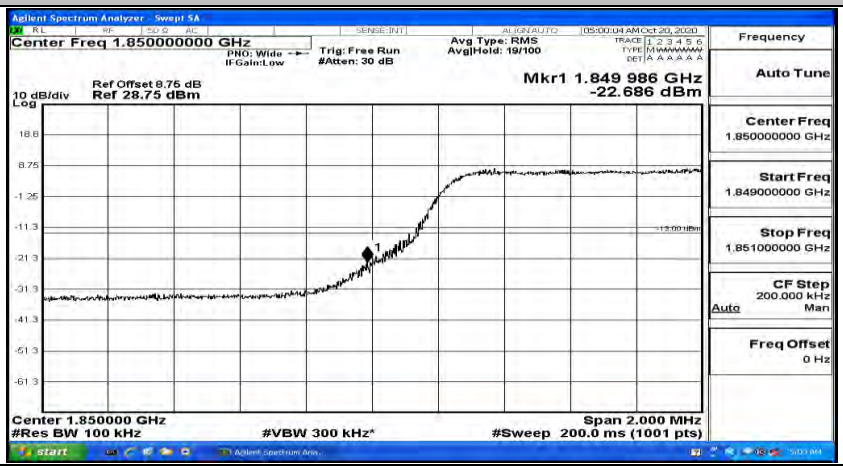
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



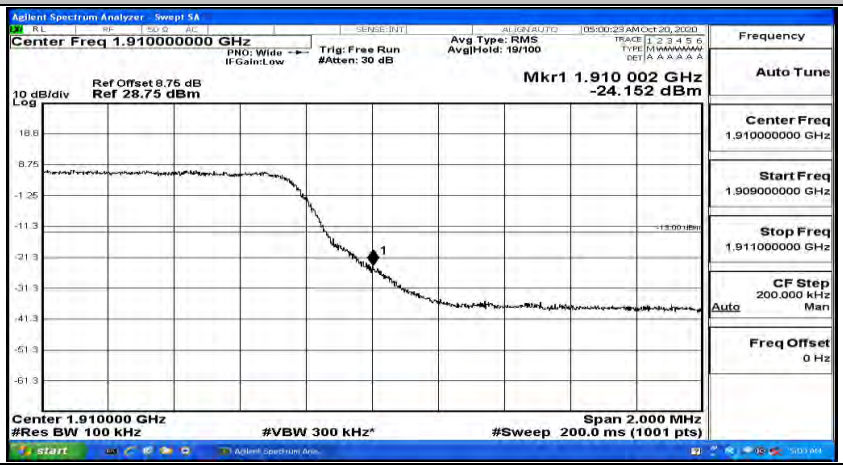
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



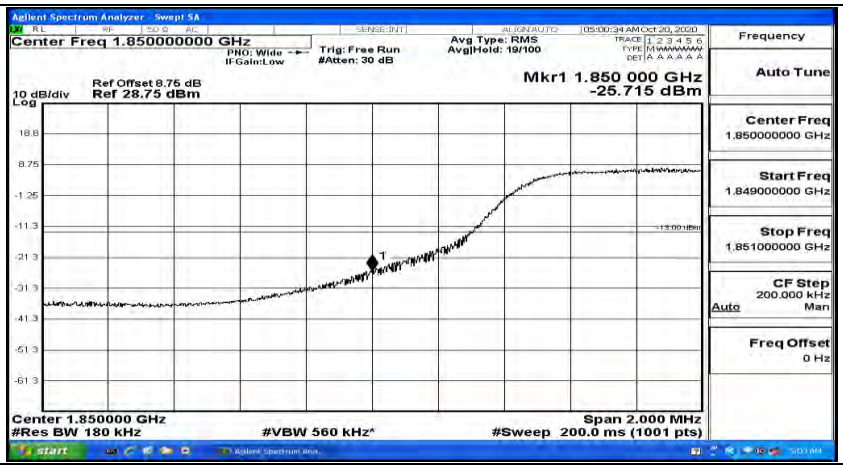
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



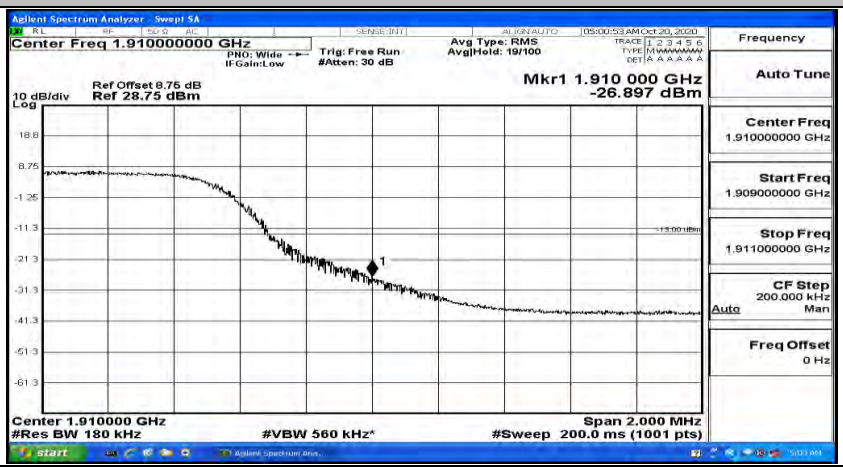
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



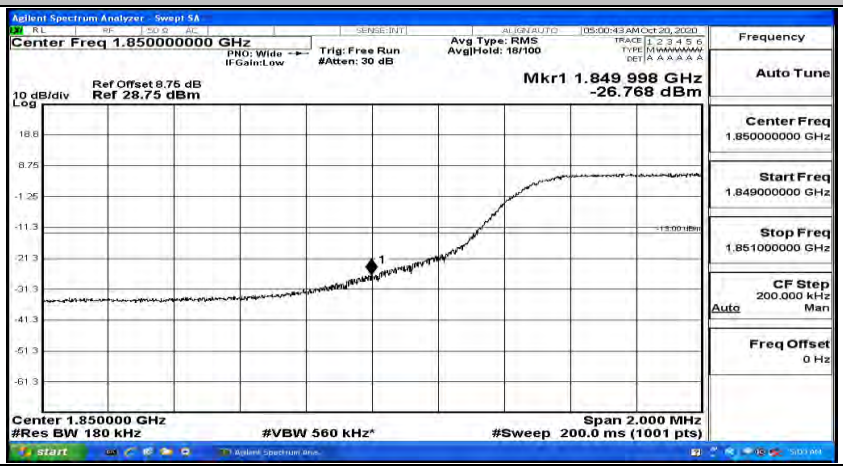
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK


Agilent Spectrum Analyzer - Swept SA
Center Freq 1.850000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold: 19/100
05:00:34 AM Oct 20, 2020
Mkr1 1.850 000 GHz
-25.715 dBm
Ref Offset 8.75 dB
10 dB/div
Log
Ref 28.75 dBm
18.8
8.75
-1.25
-11.3
-21.3
-31.3
-41.3
-51.3
-61.3
Center 1.850000 GHz
#Res BW 180 kHz
#VBW 560 kHz*
Span 2.000 MHz
#Sweep 200.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
1.850000000 GHz
Start Freq
1.849000000 GHz
Stop Freq
1.851000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
start

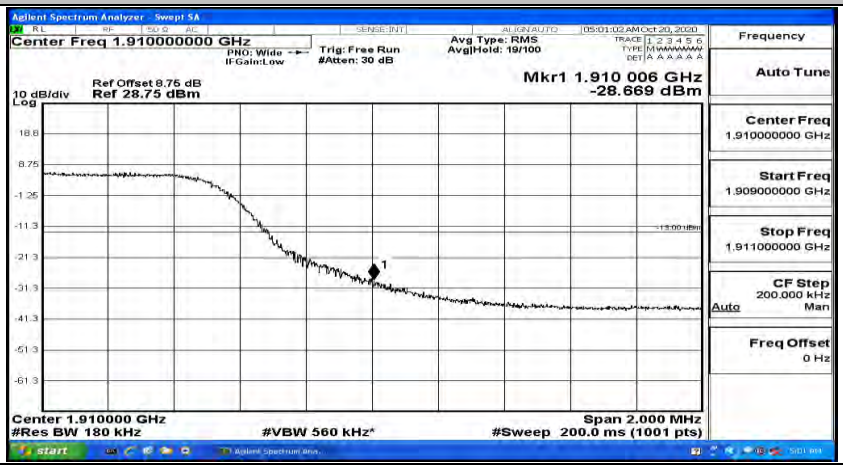
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



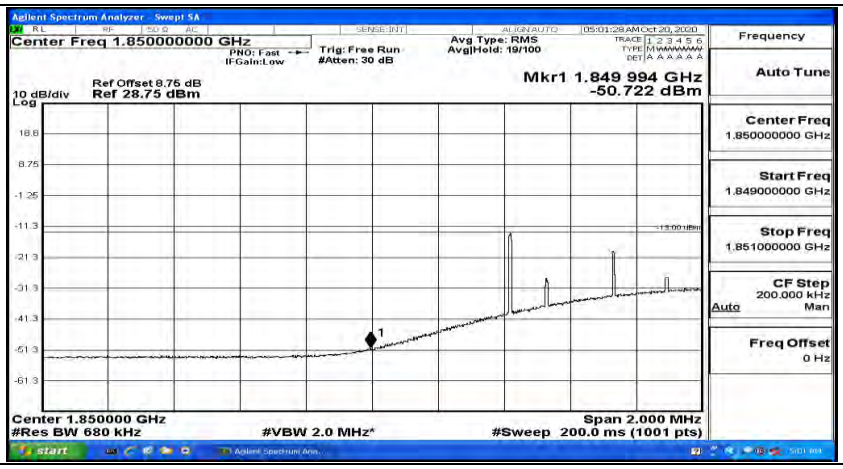
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



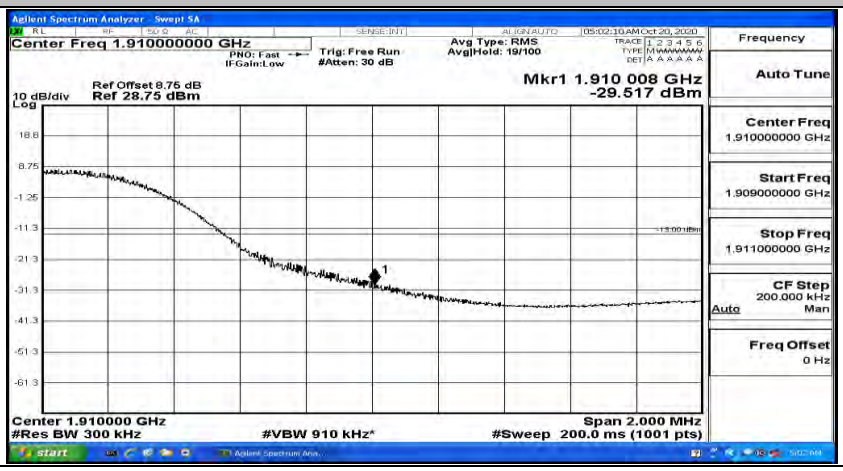
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



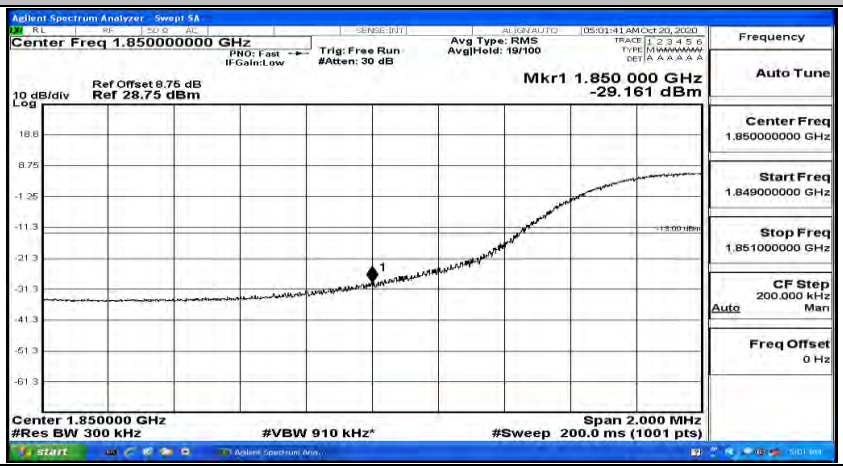
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK


Agilent Spectrum Analyzer - Swept SA
Center Freq 1.850000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold: 19/100
05:01:28 AM Oct 20, 2020
Mkr1 1.849 994 GHz
-50.722 dBm
Ref Offset 8.75 dB
10 dB/div
Log
Ref 28.75 dBm
18.8
8.75
-1.25
-11.3
-21.3
-31.3
-41.3
-51.3
-61.3
Center 1.850000 GHz
#Res BW 680 kHz
#VBW 2.0 MHz*
Span 2.000 MHz
#Sweep 200.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
1.850000000 GHz
Start Freq
1.849000000 GHz
Stop Freq
1.851000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
start

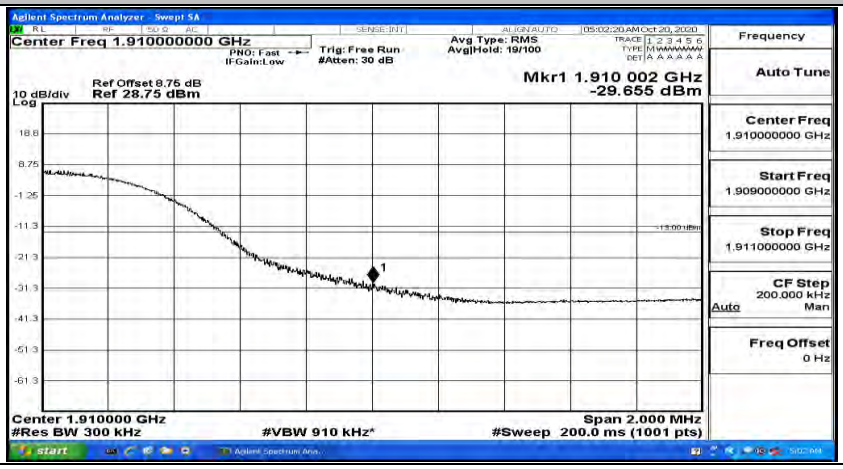
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



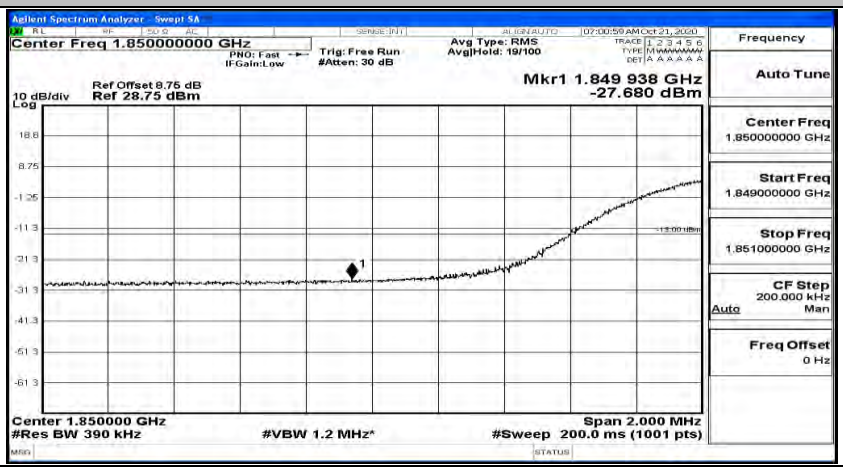
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



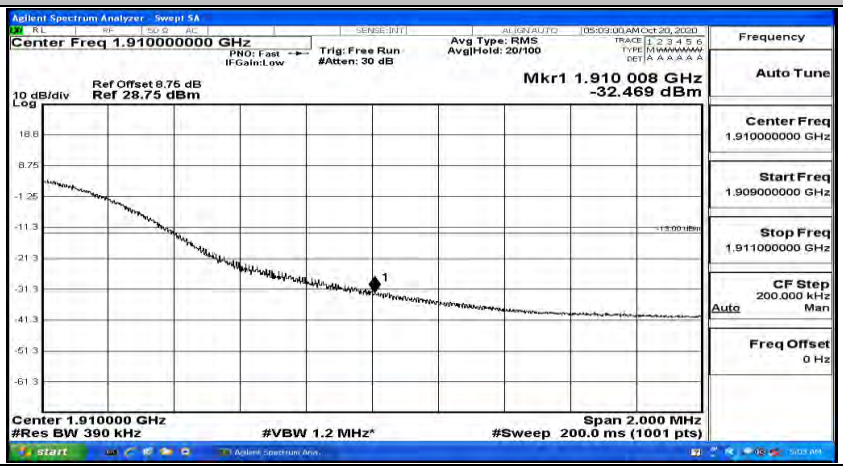
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



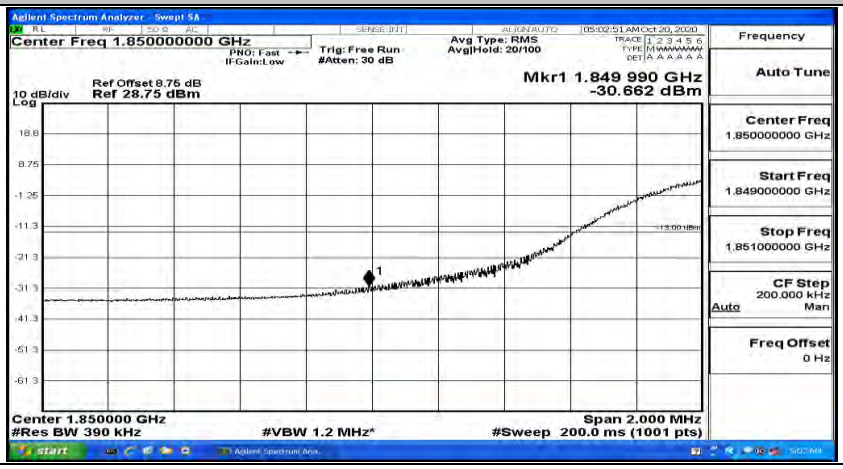
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



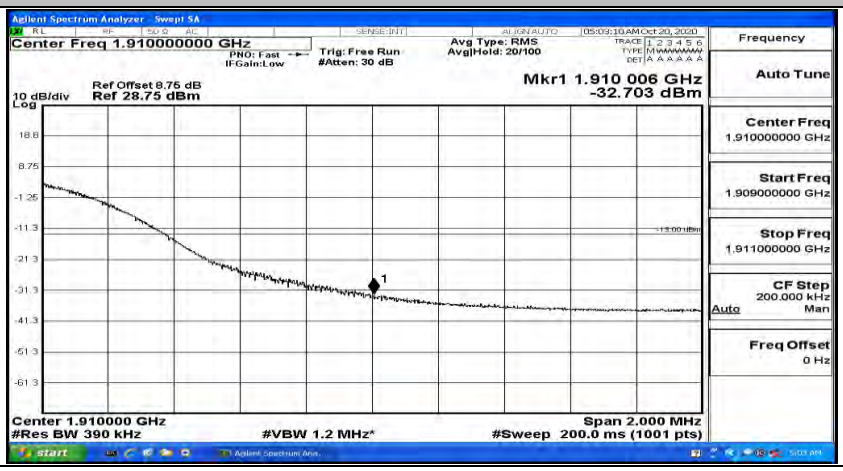
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



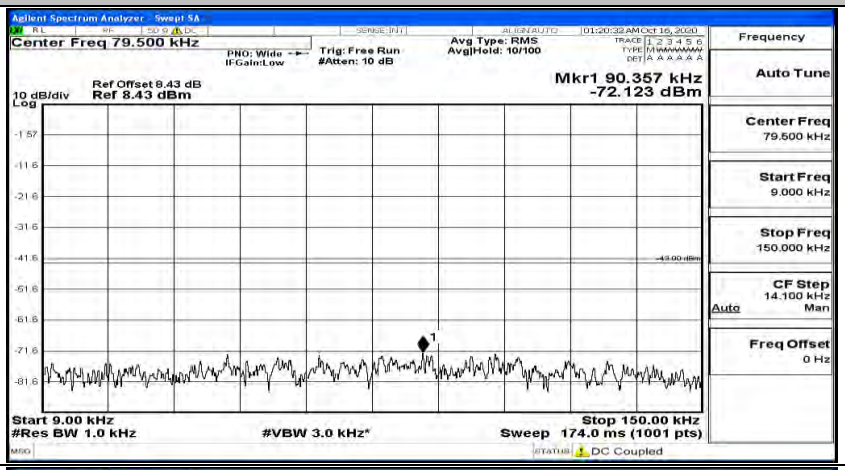
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

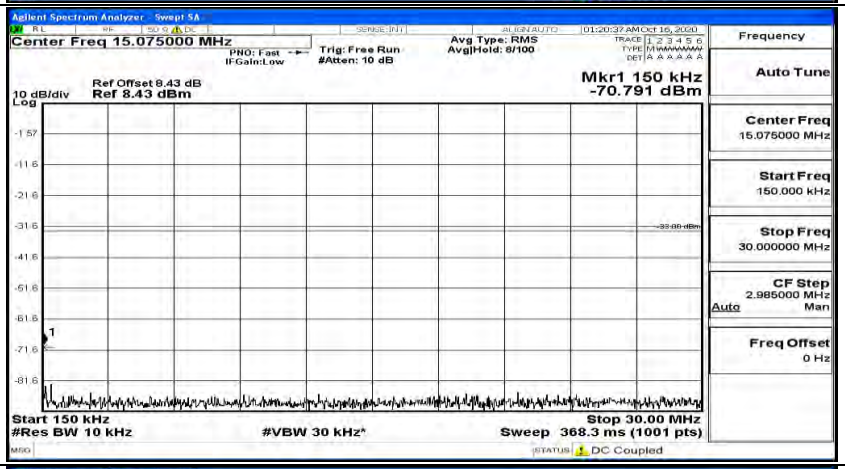


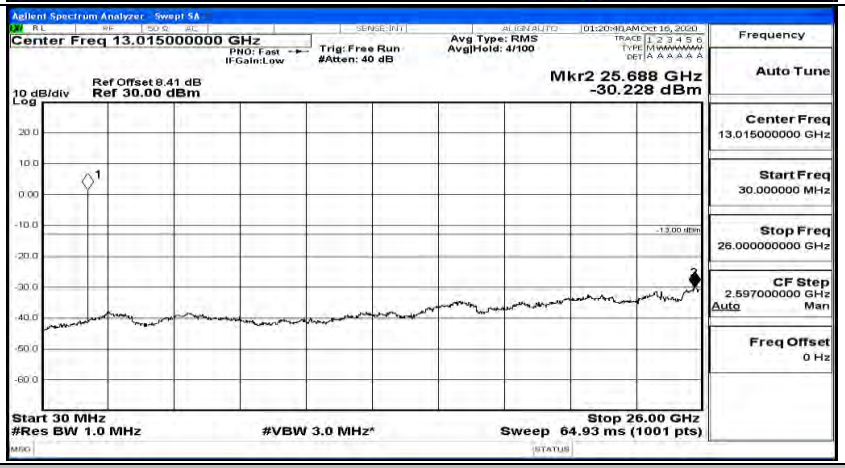
D.5 Conducted Spurious Emission

Channel Bandwidth: 1.4 MHz

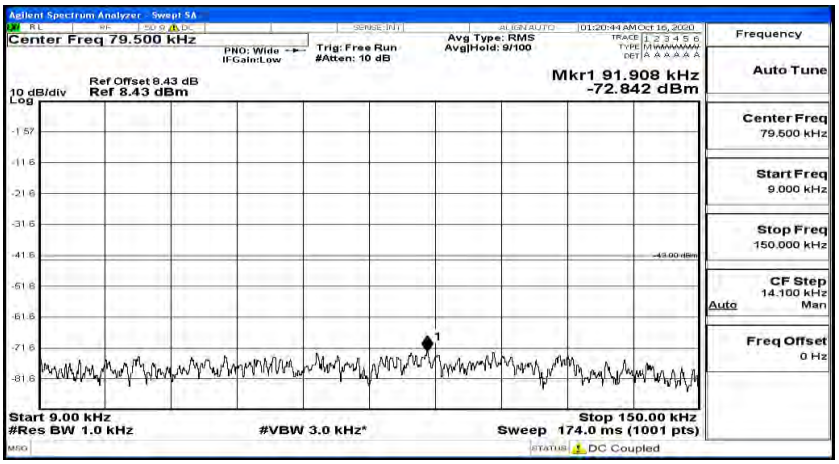
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

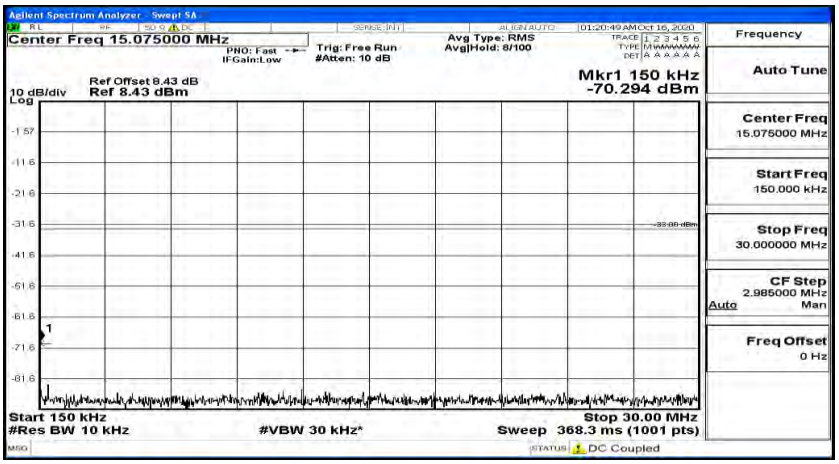




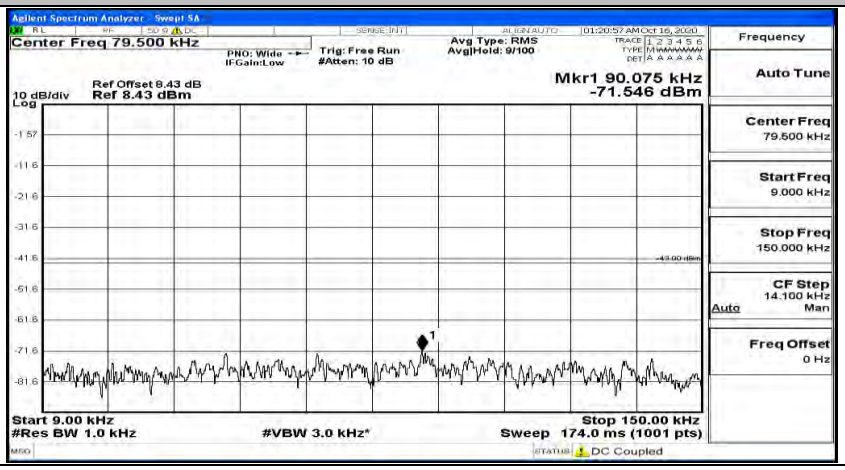


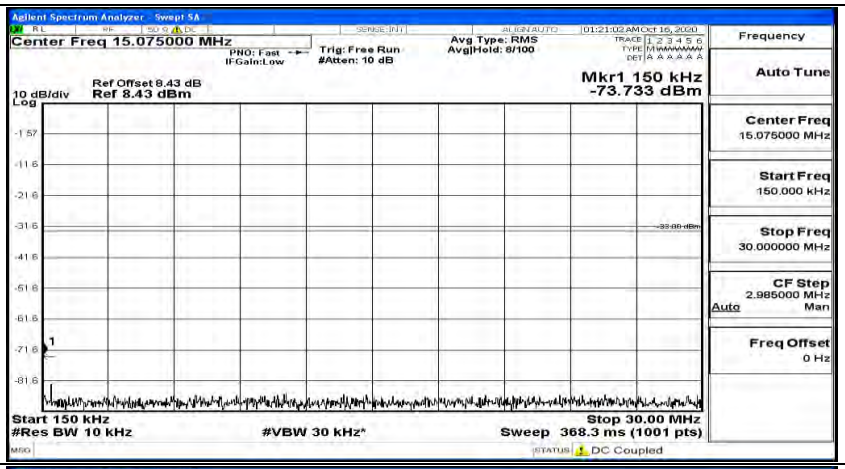
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

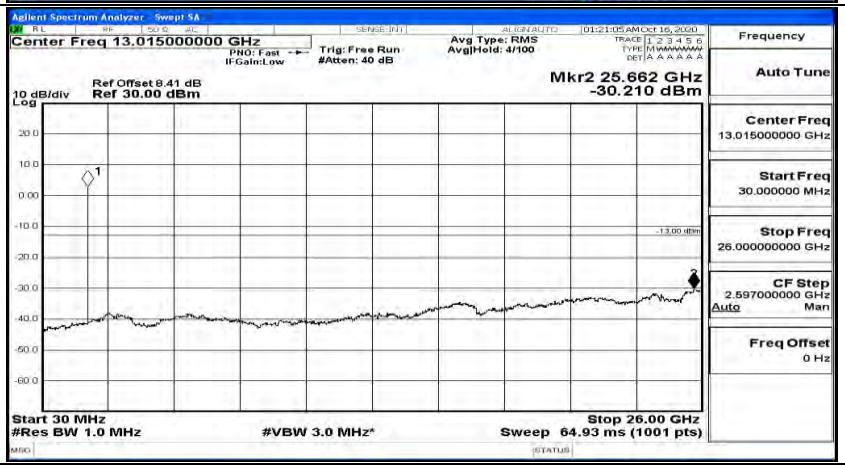




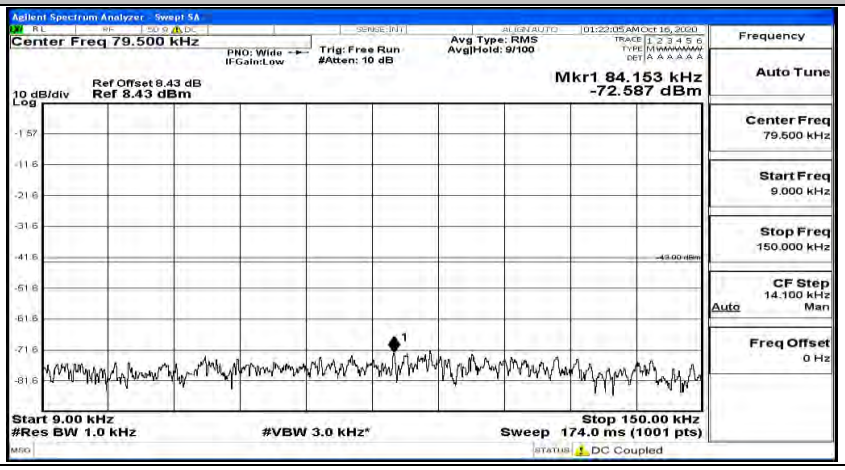
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

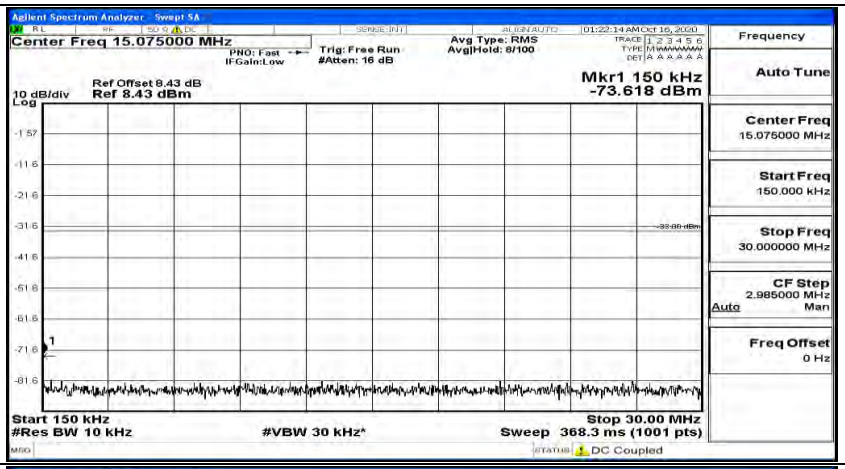




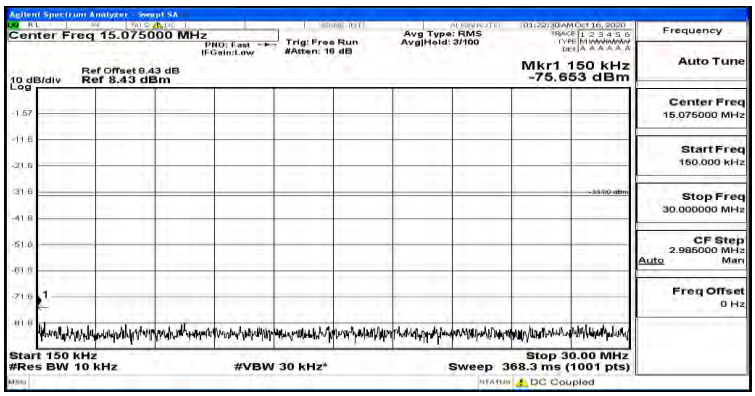


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

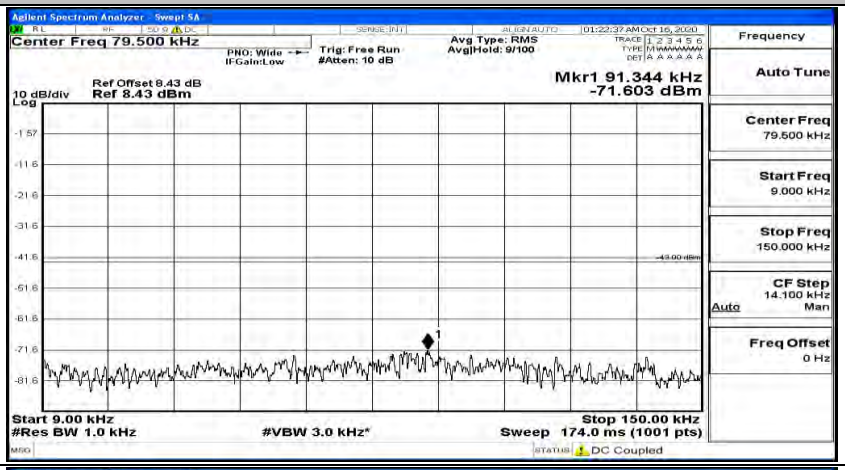


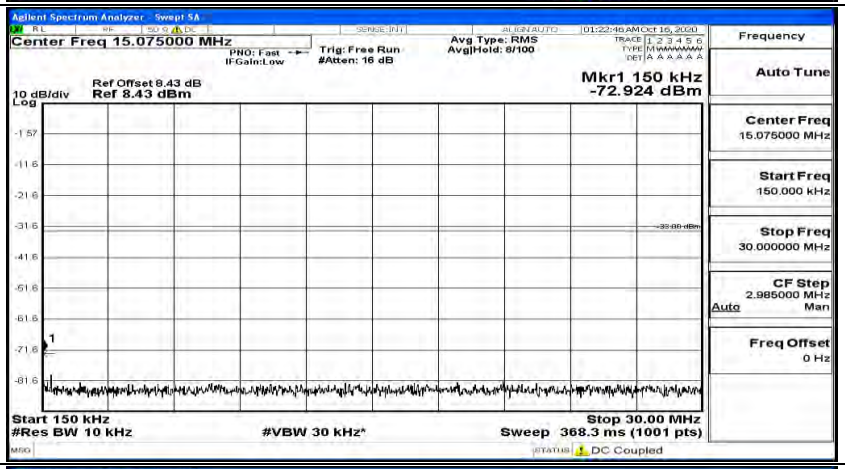


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

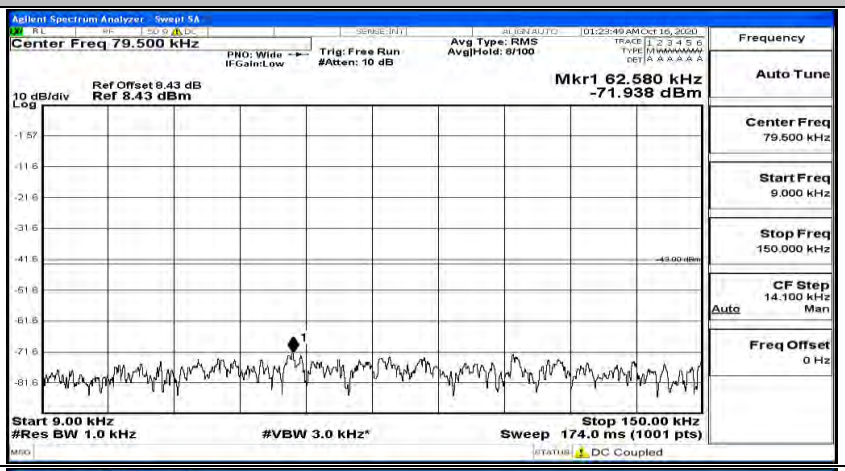


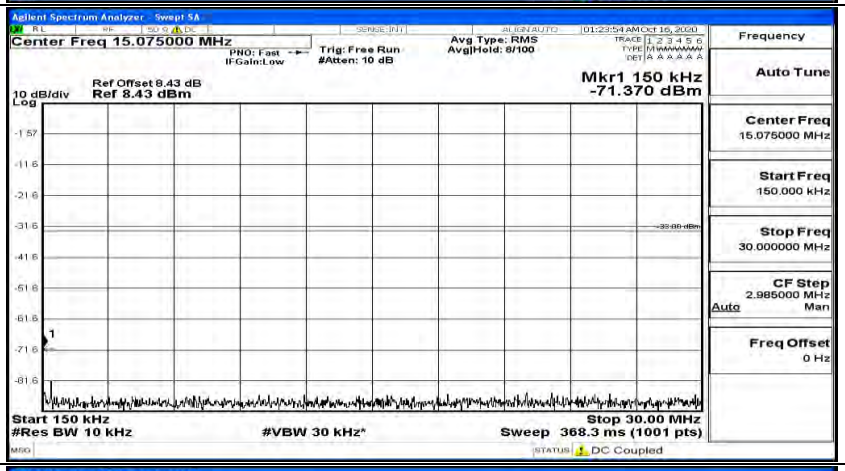
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

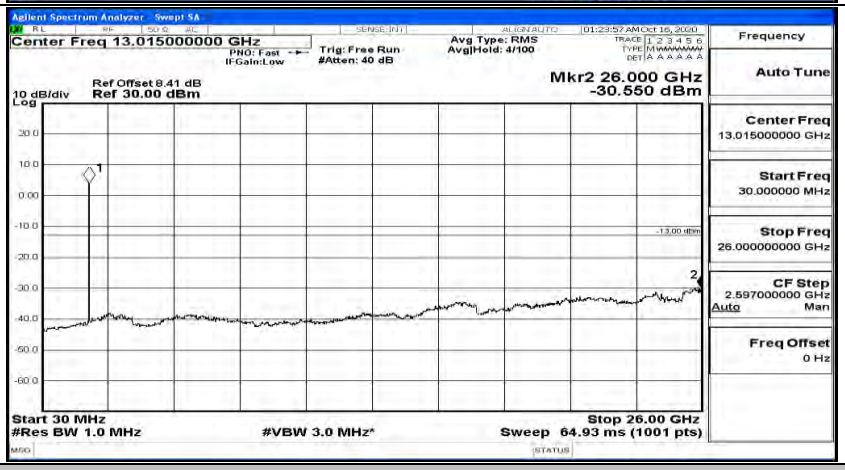




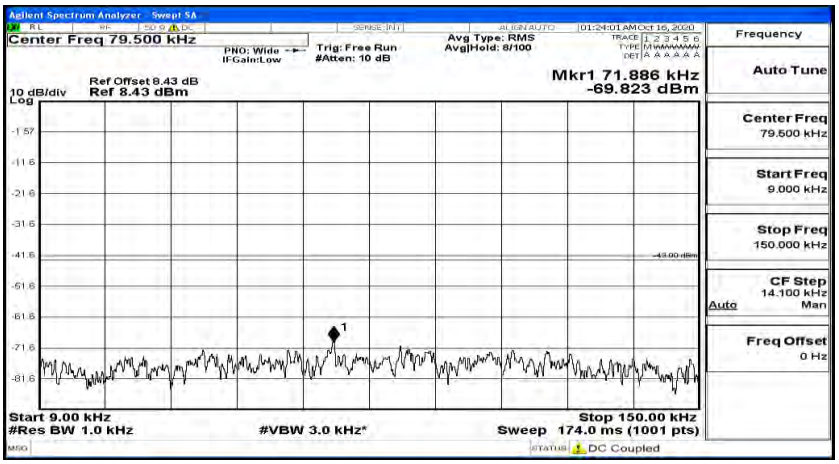
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

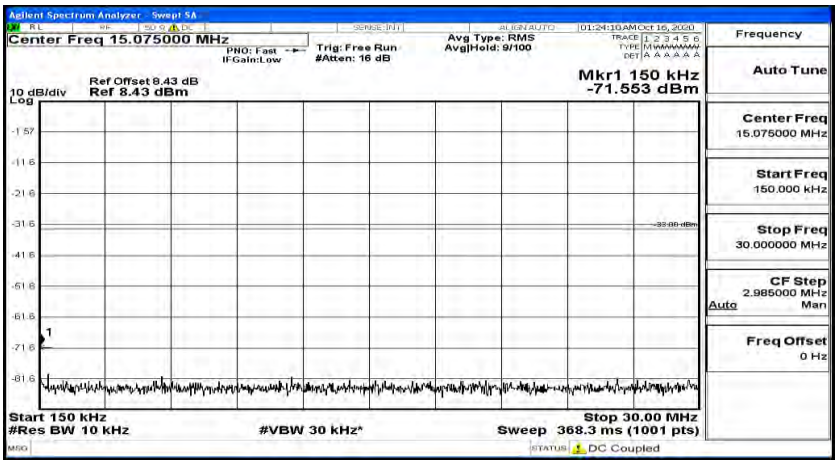




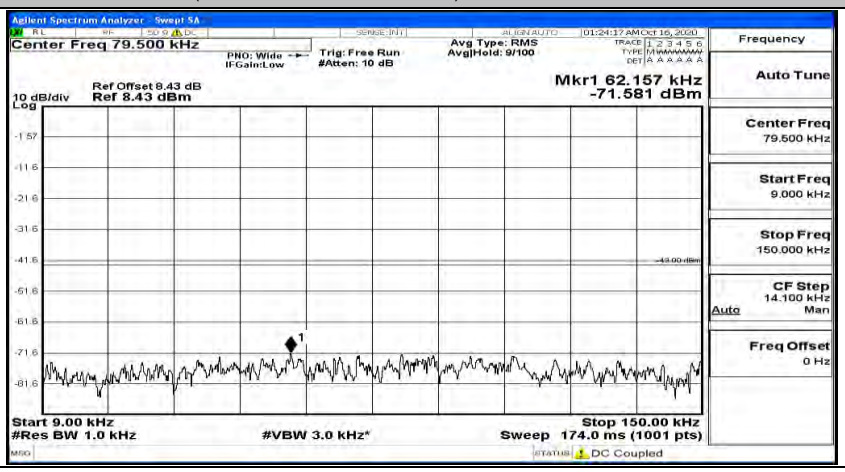


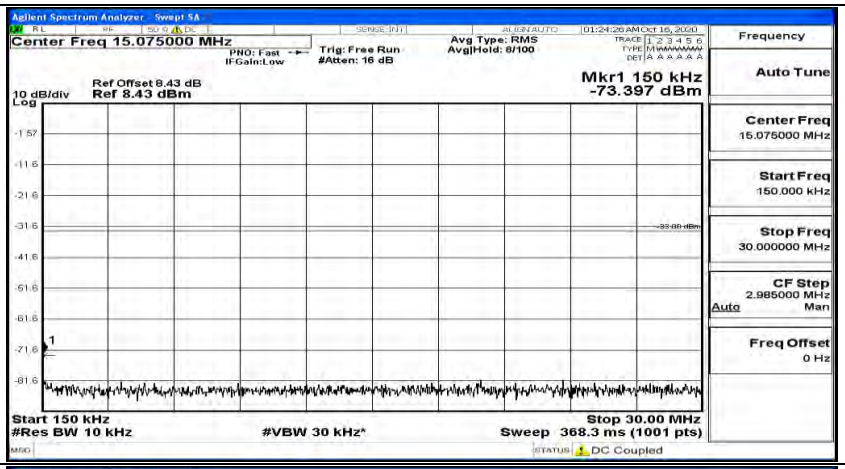
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



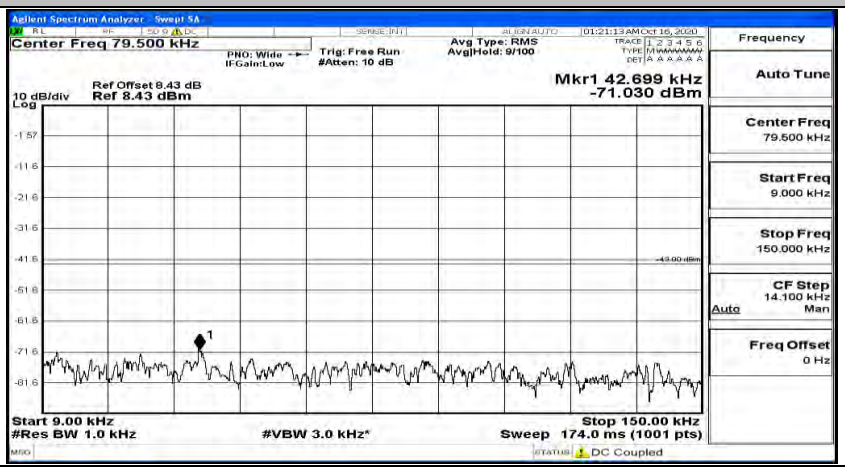


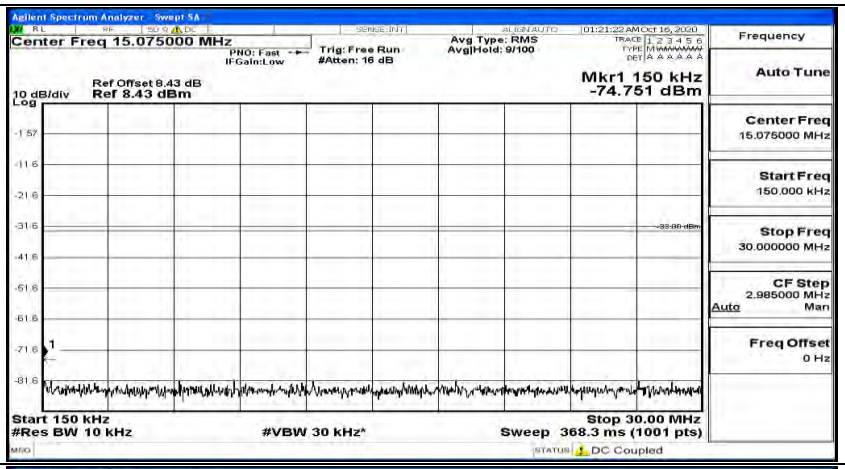
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

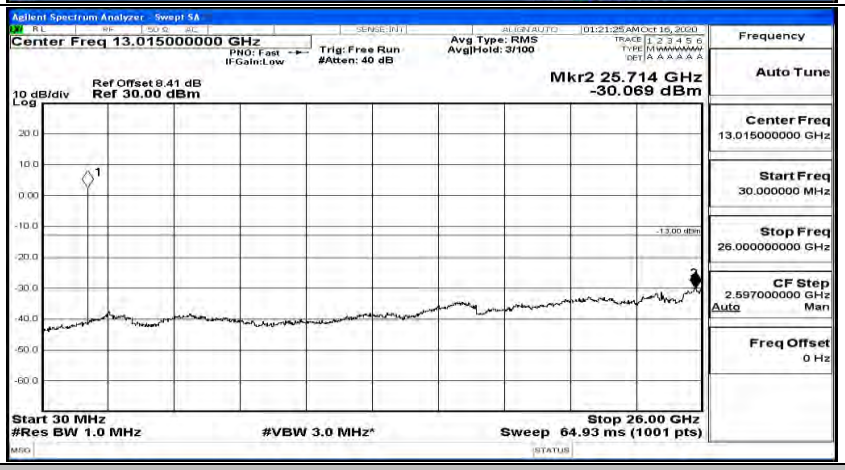




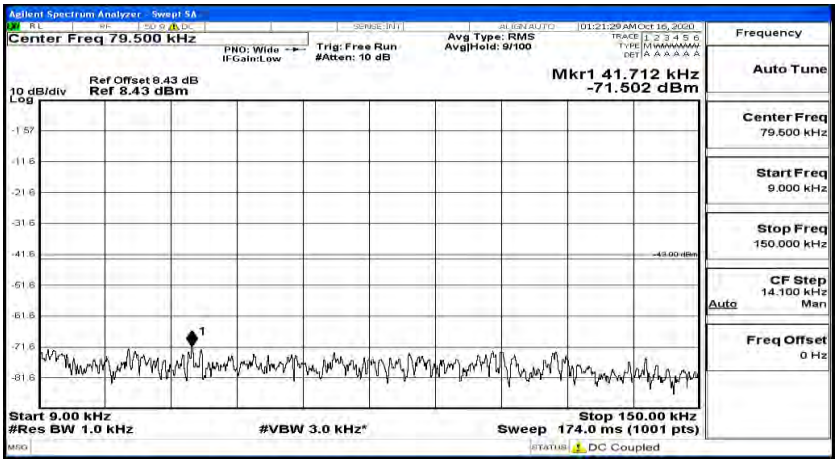
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

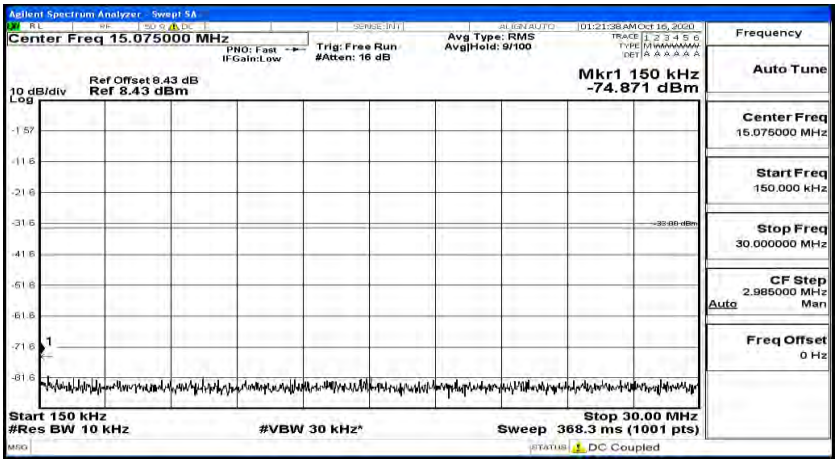




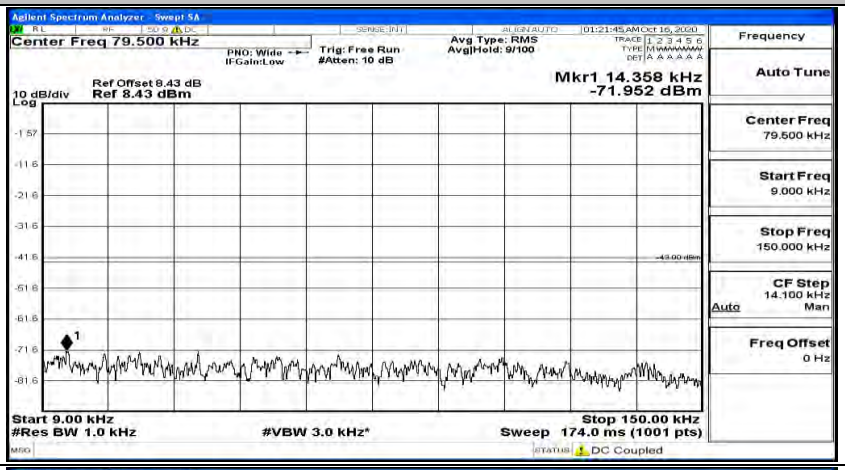


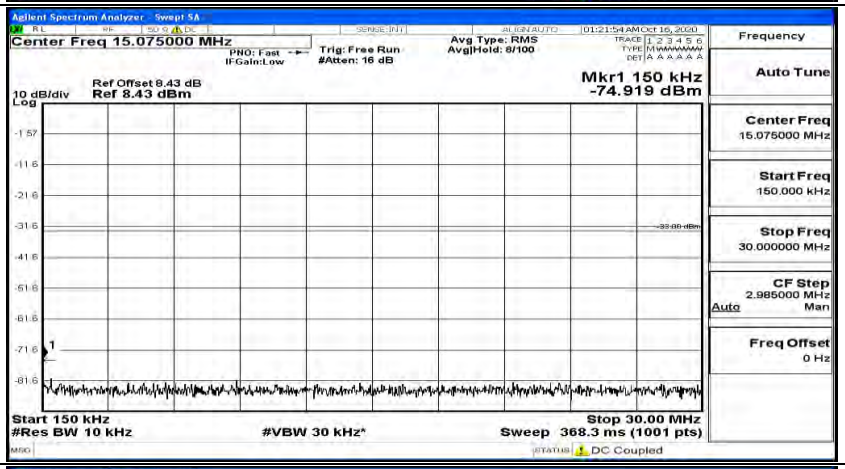
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



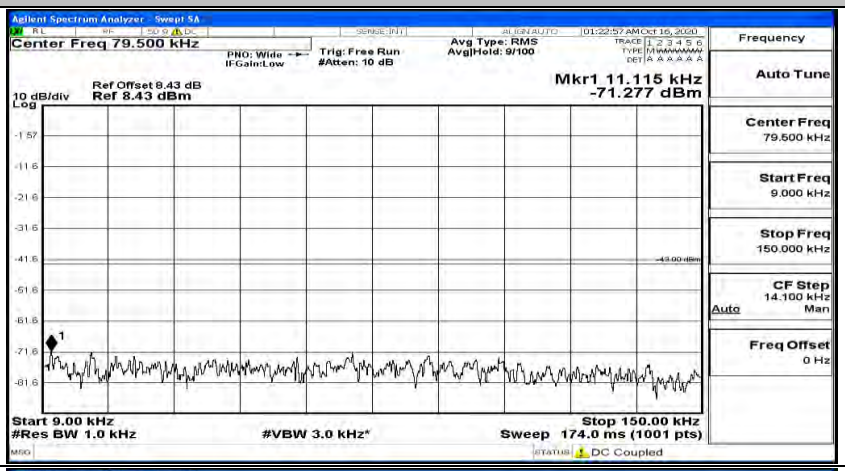


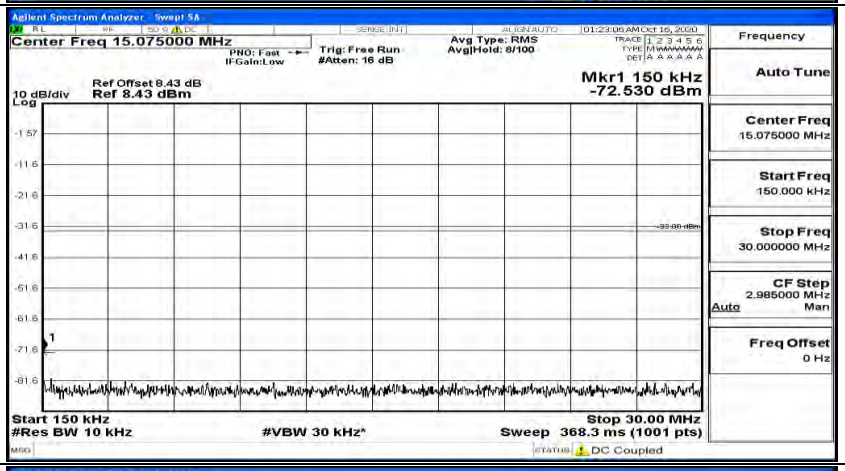
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



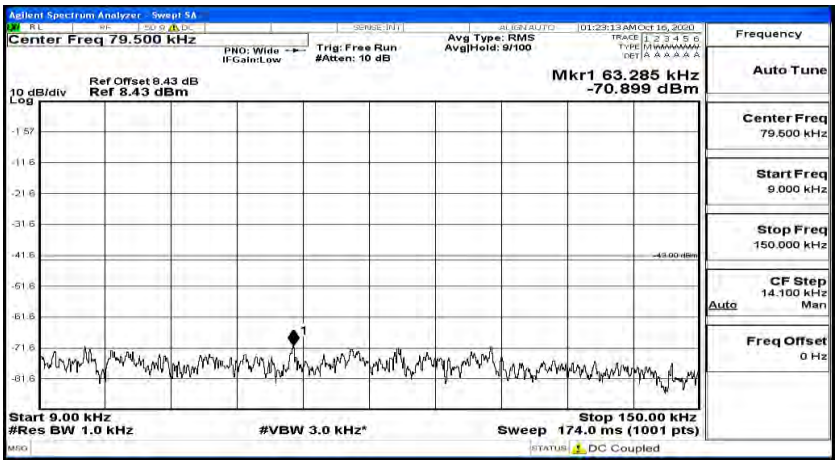


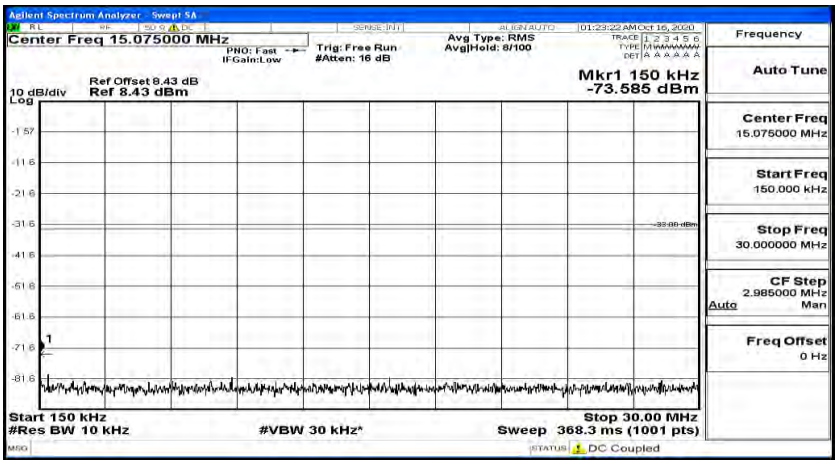
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



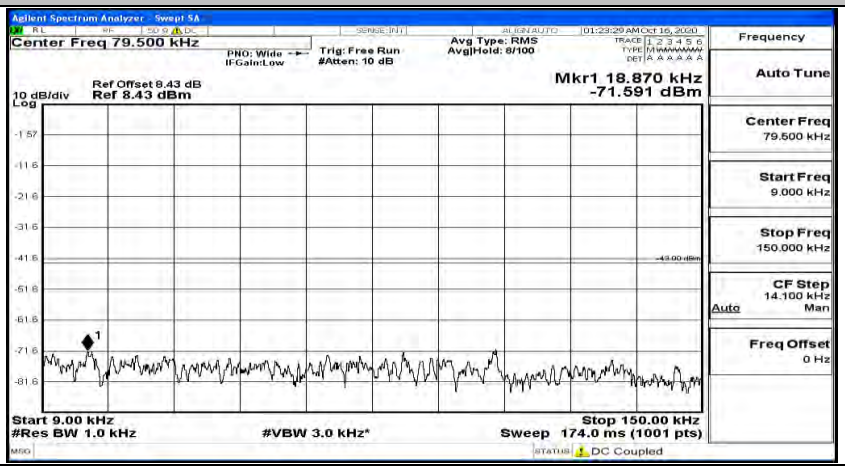


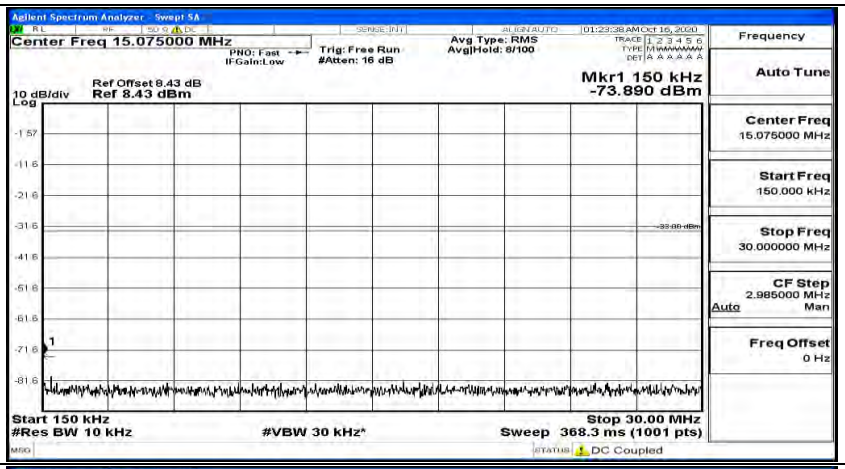
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

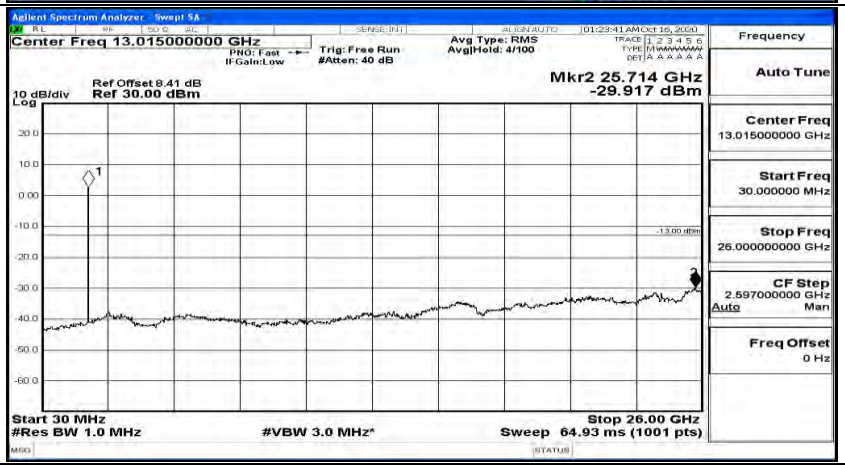




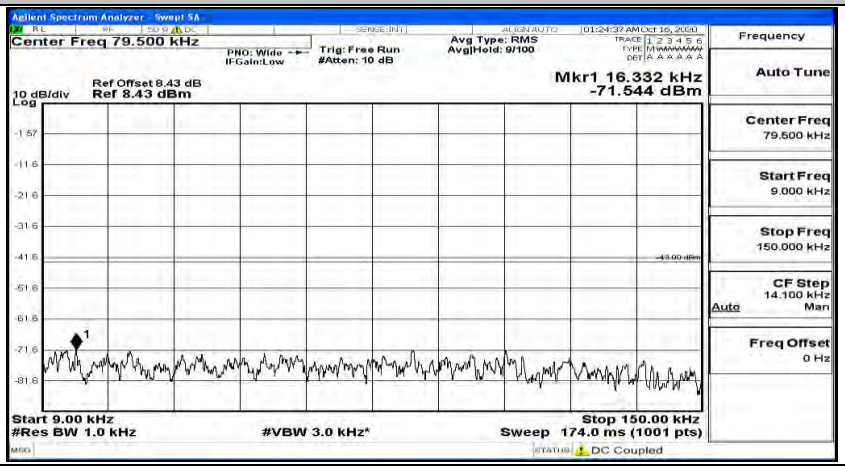
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

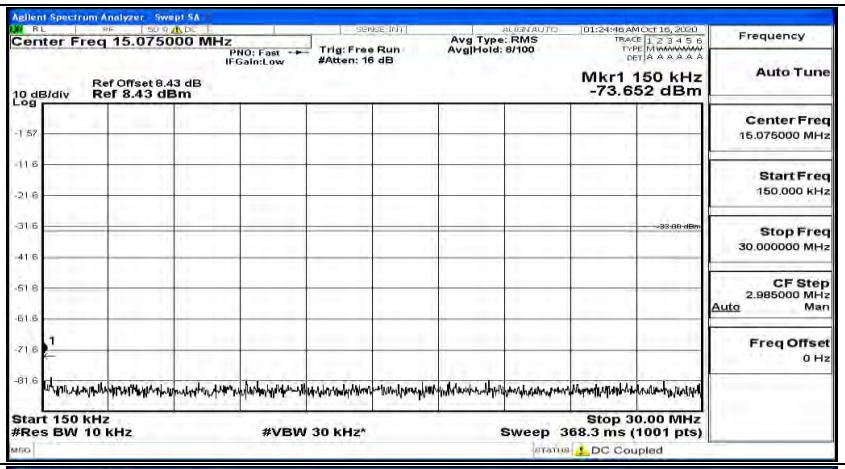




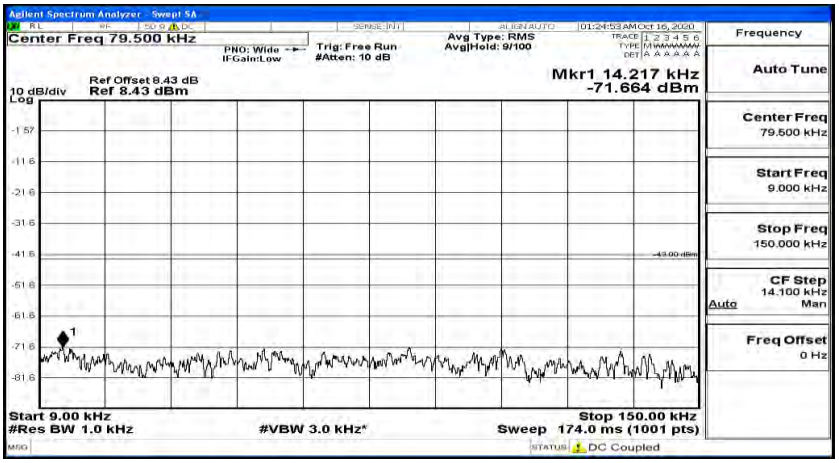


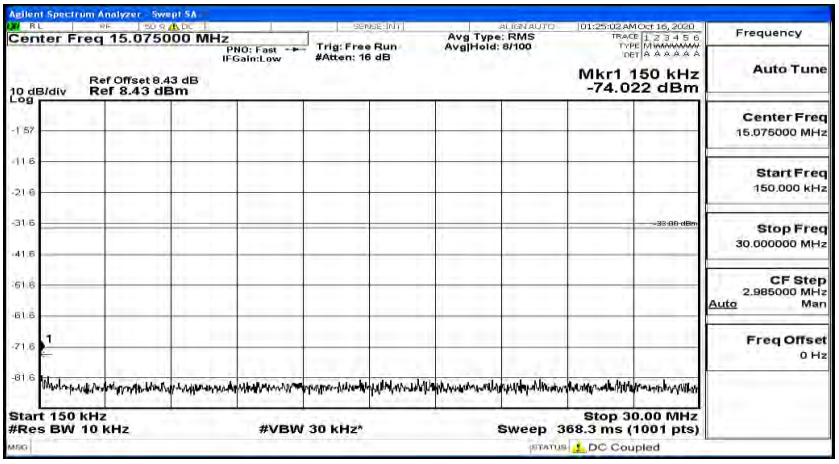
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

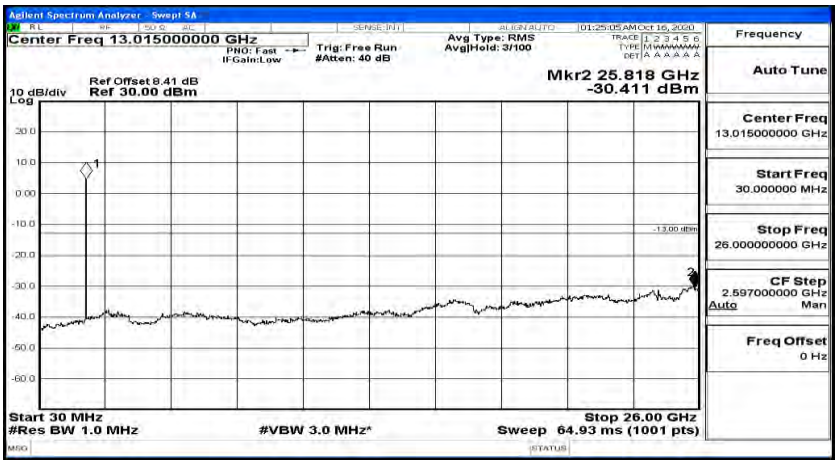




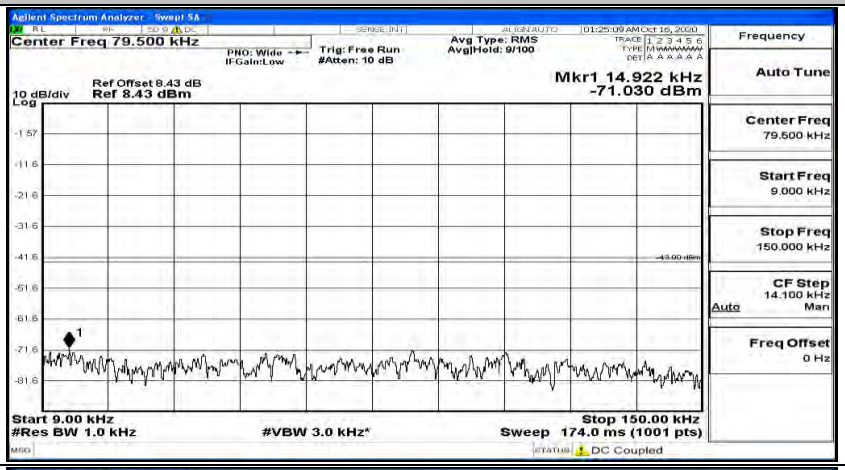
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

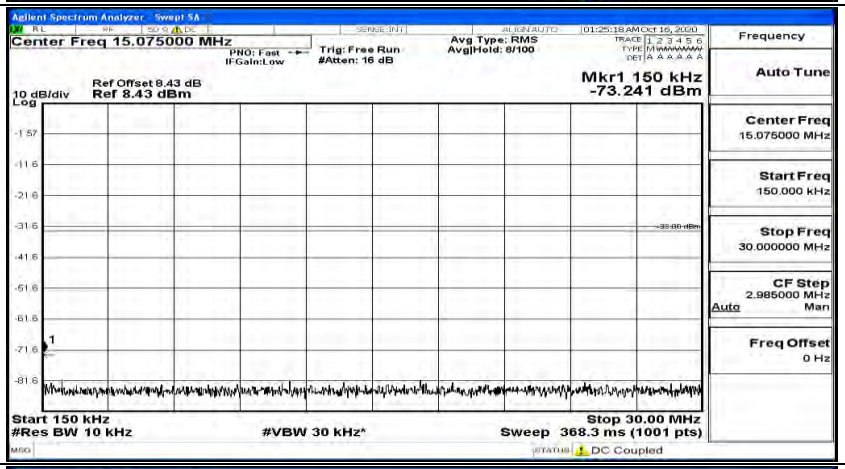


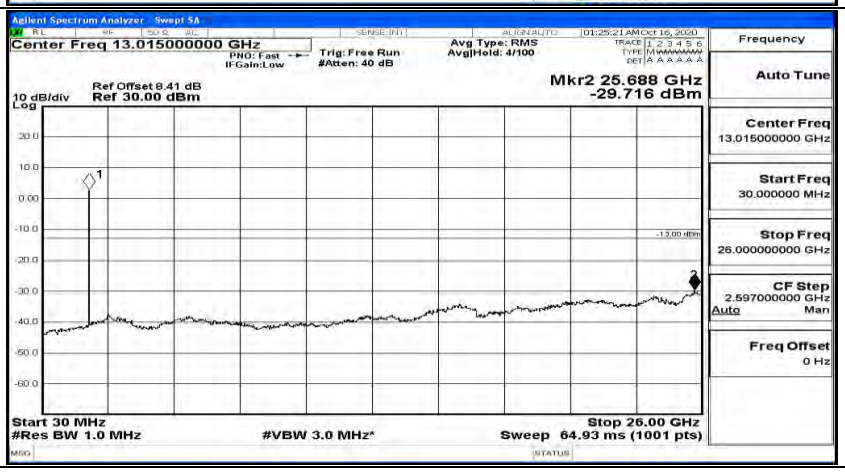




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

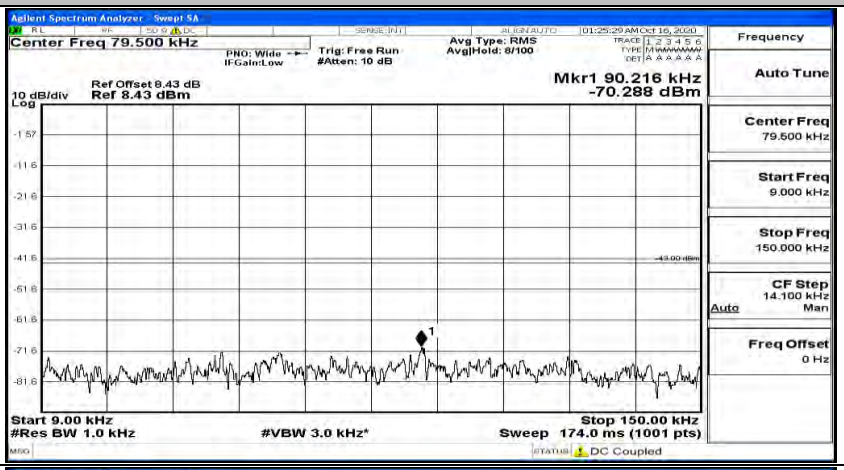


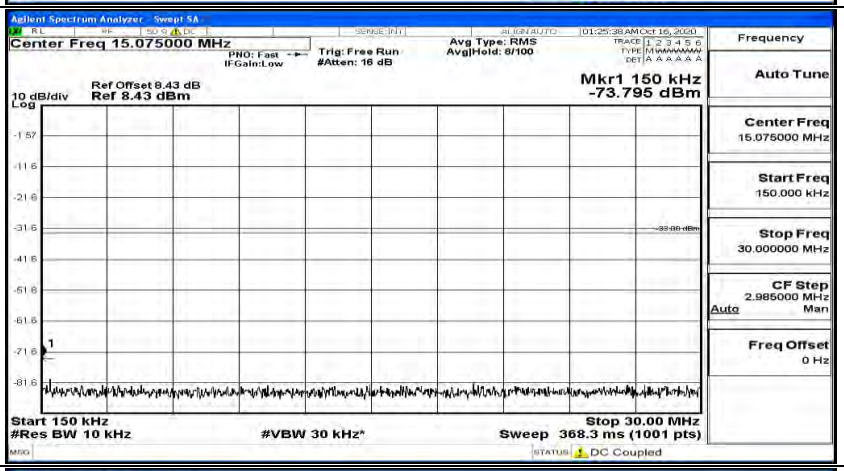




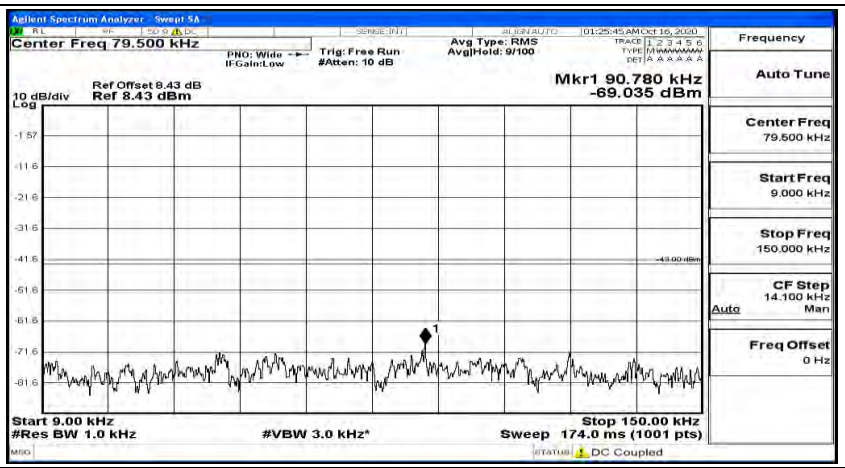
Channel Bandwidth: 3 MHz

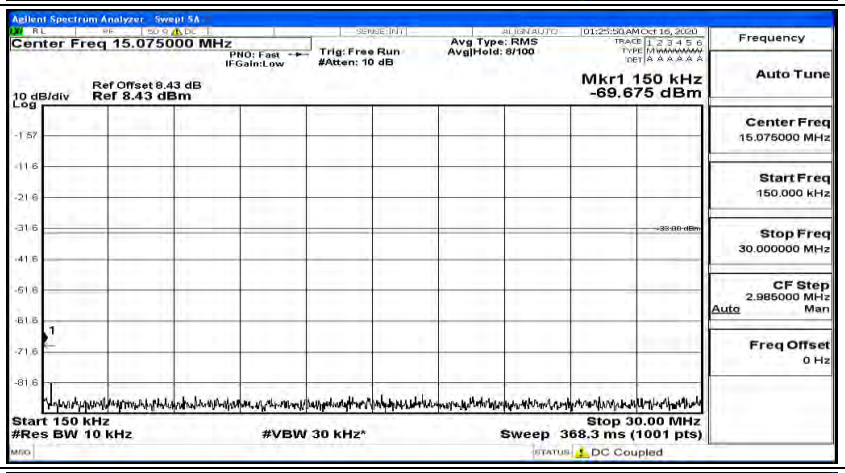
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



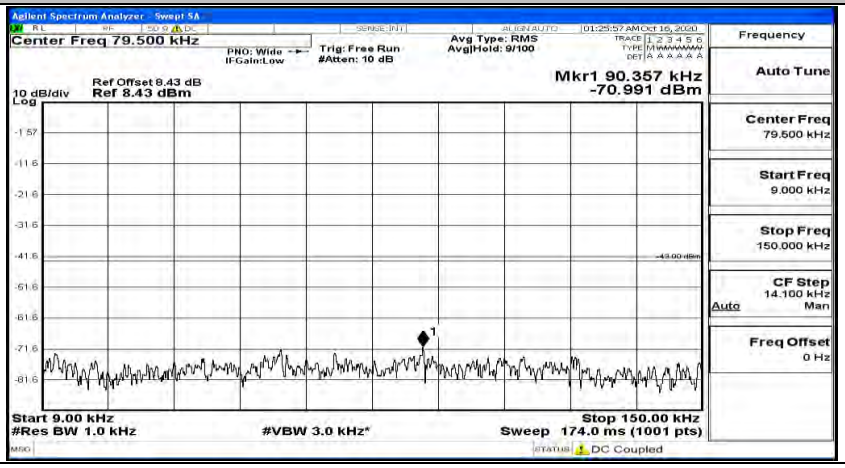


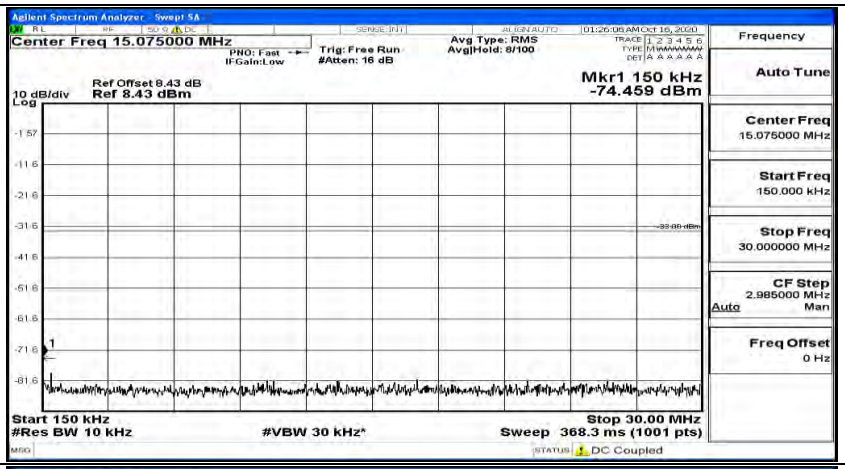
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



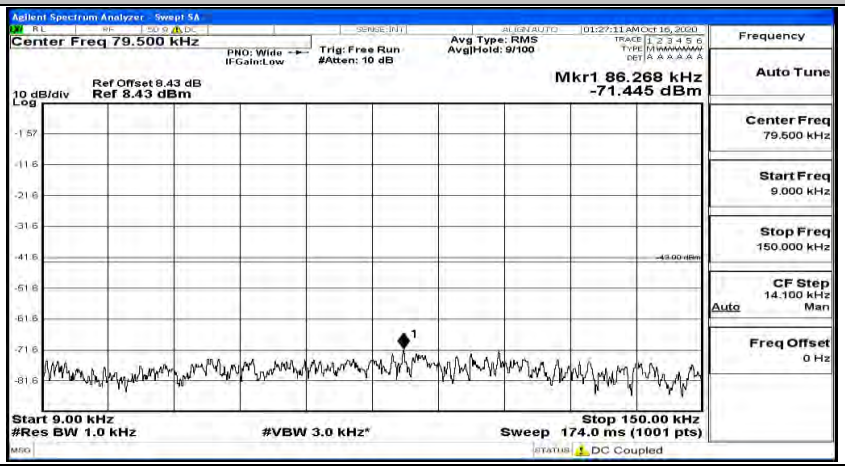


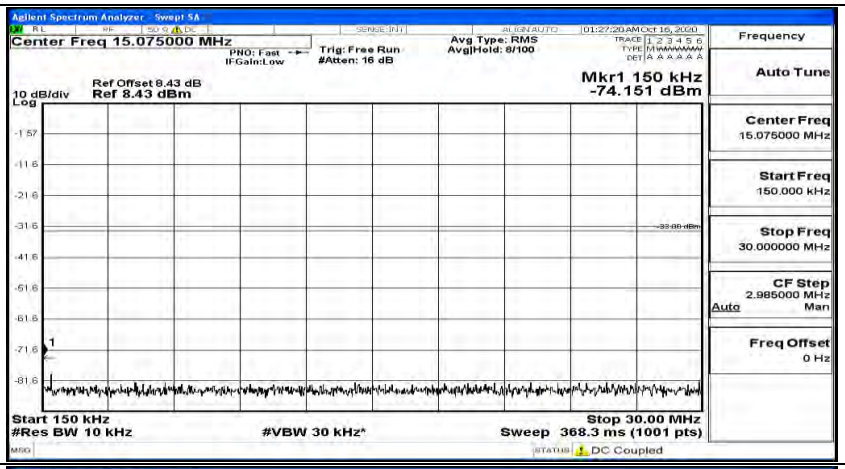
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



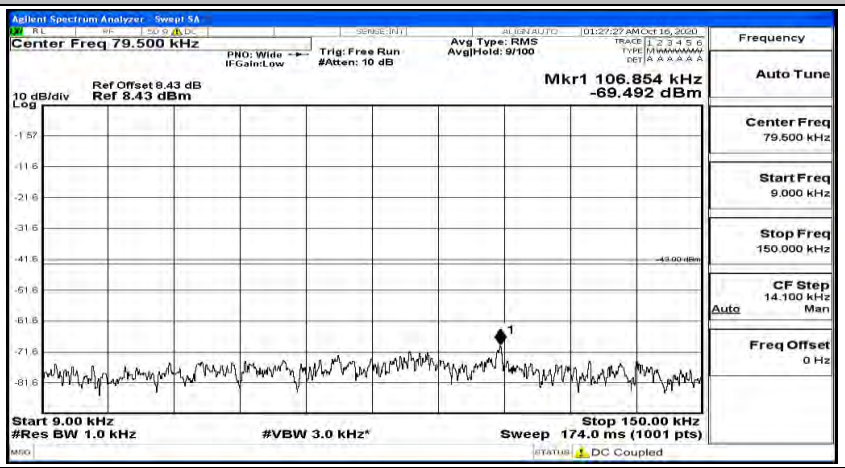


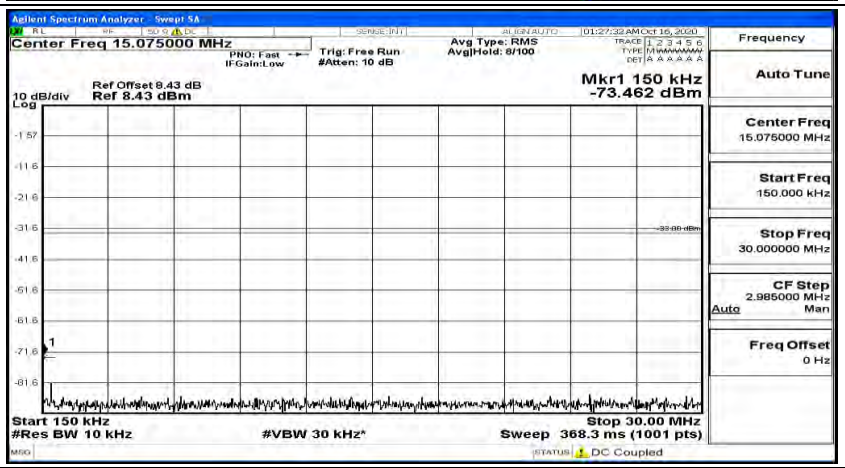
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

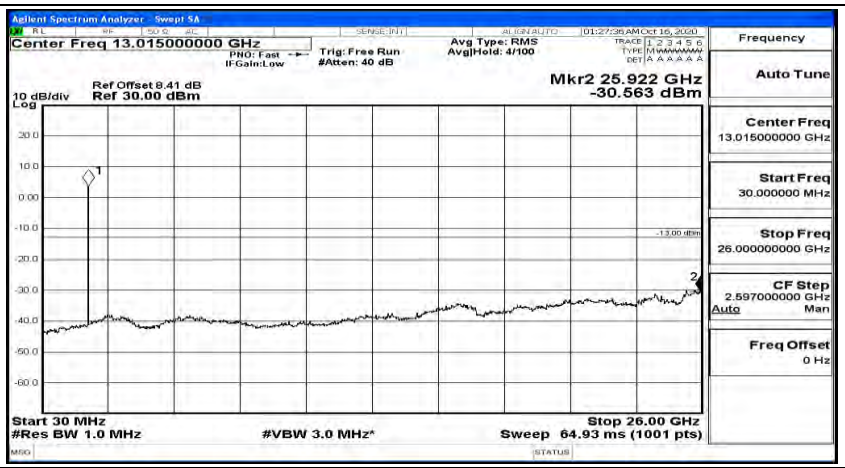




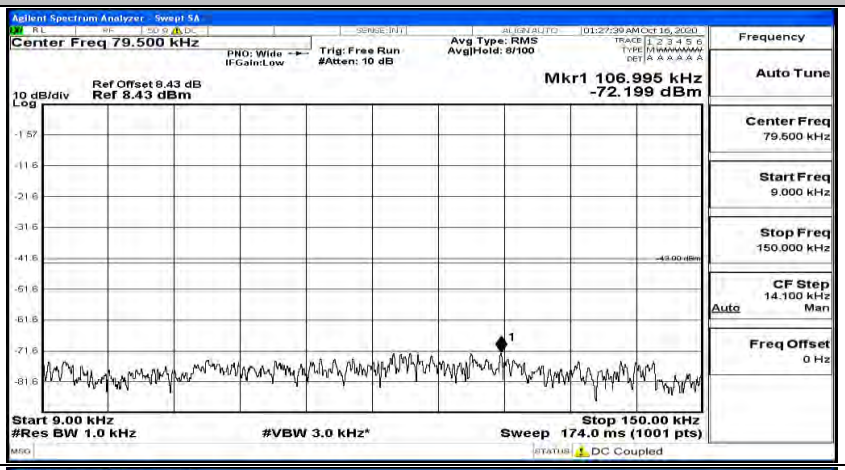
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

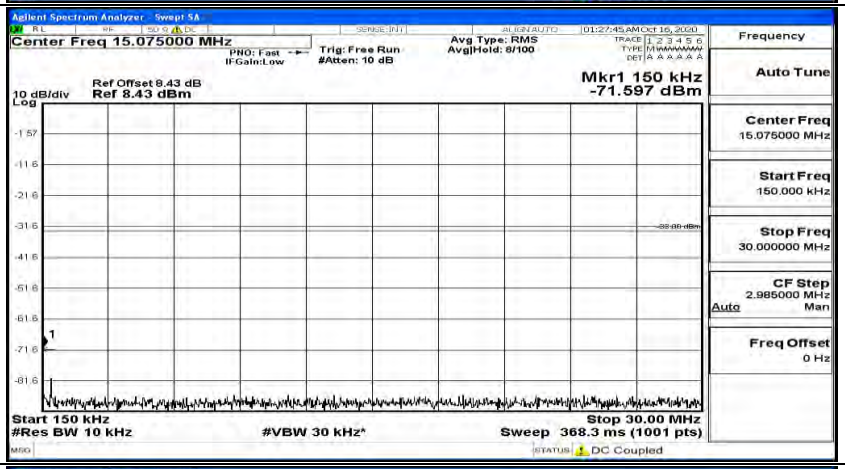




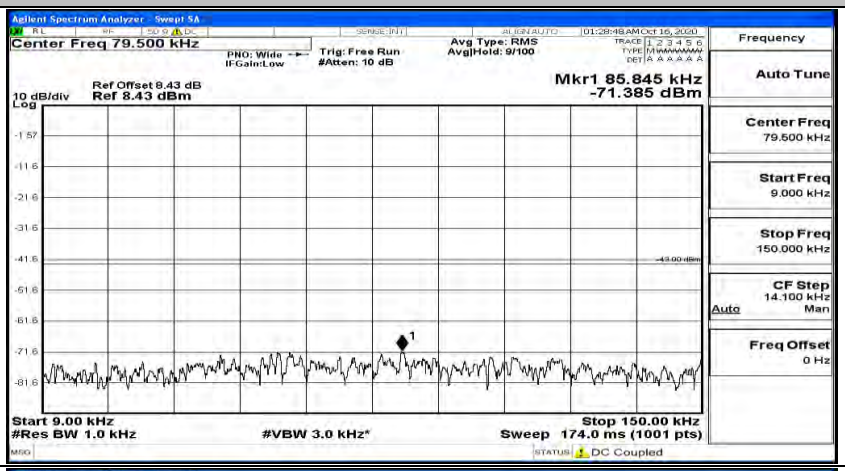


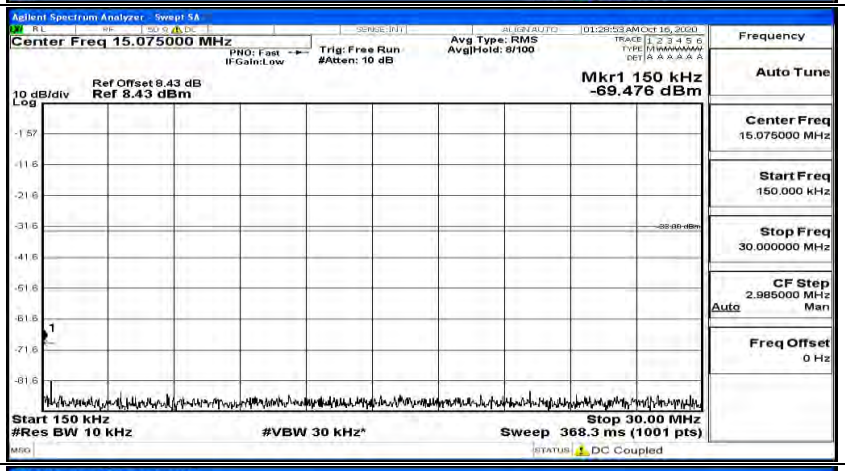
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



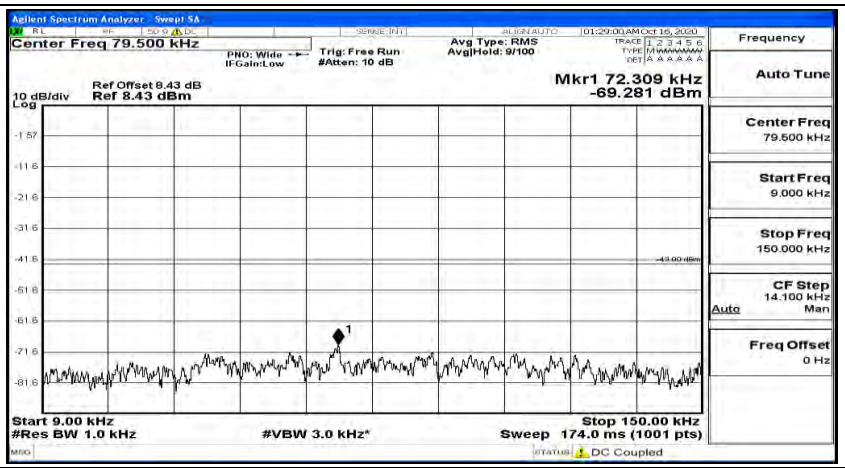


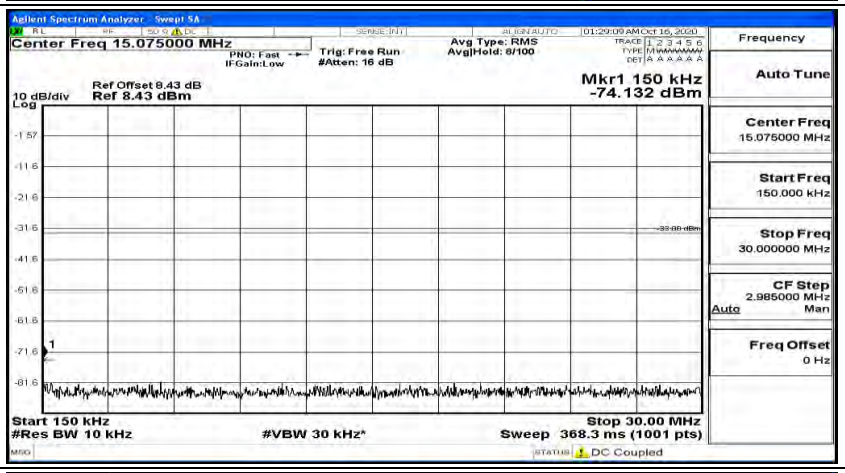
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

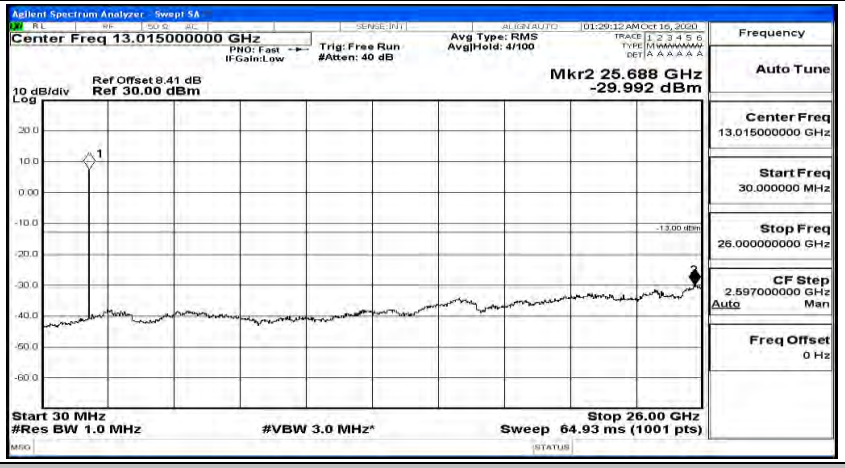




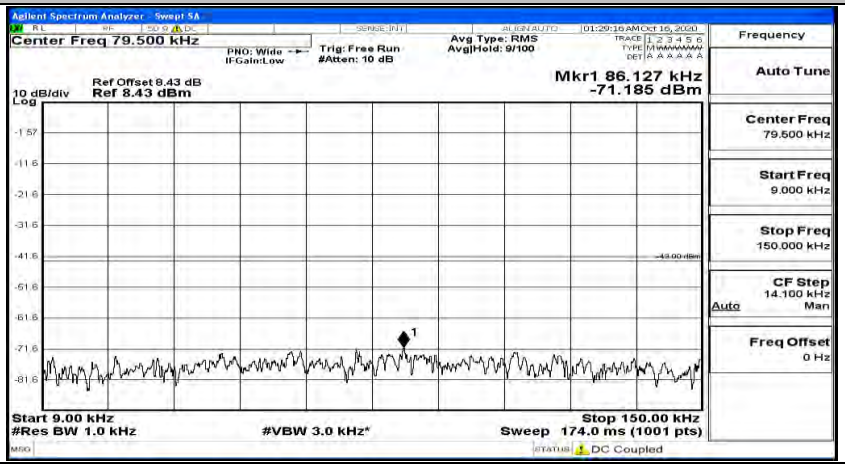
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

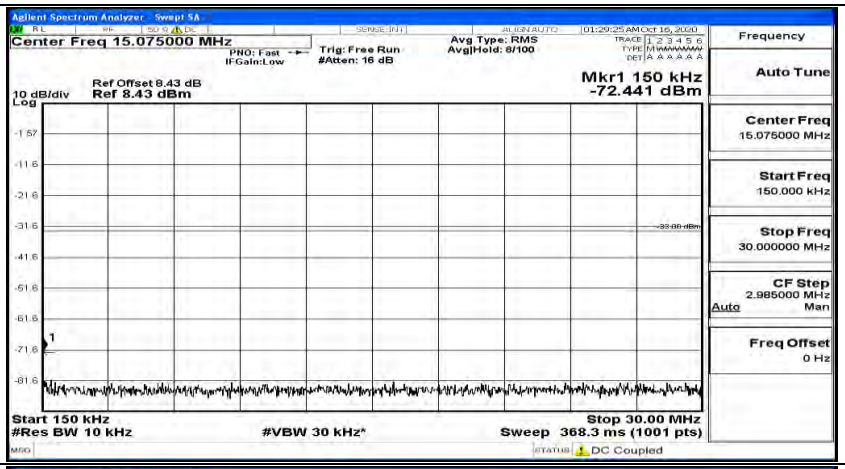






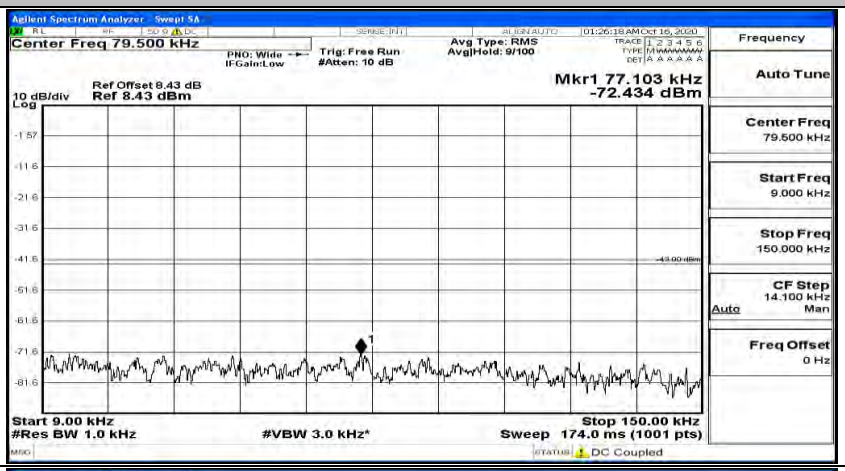
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

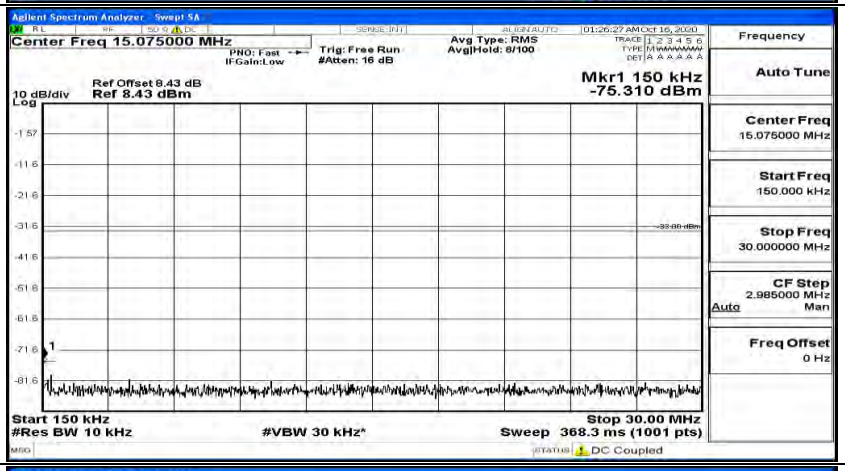



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: RMS
Avg|Hold: 8/100
01:29:25 AM Oct 16, 2020
Frequency
Auto Tune
Mkr1 150 kHz
-72.441 dBm
Ref Offset 8.43 dB
10 dB/div
Ref 8.43 dBm
Log
-1.57
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-71.6
-81.6
-33.00 dBm
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
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
DC Coupled

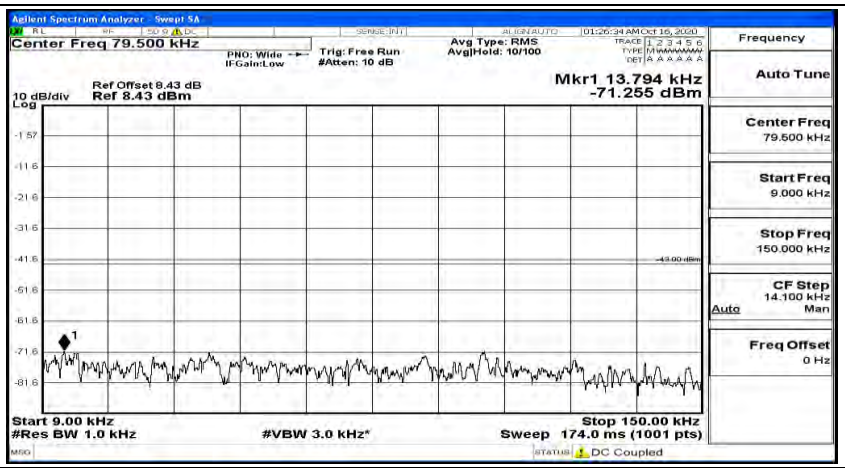

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
01:29:28 AM Oct 16, 2020
Frequency
Auto Tune
Mkr2 25.974 GHz
-30.338 dBm
Ref Offset 8.41 dB
10 dB/div
Ref 30.00 dBm
Log
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-13.00 dBm
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
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)

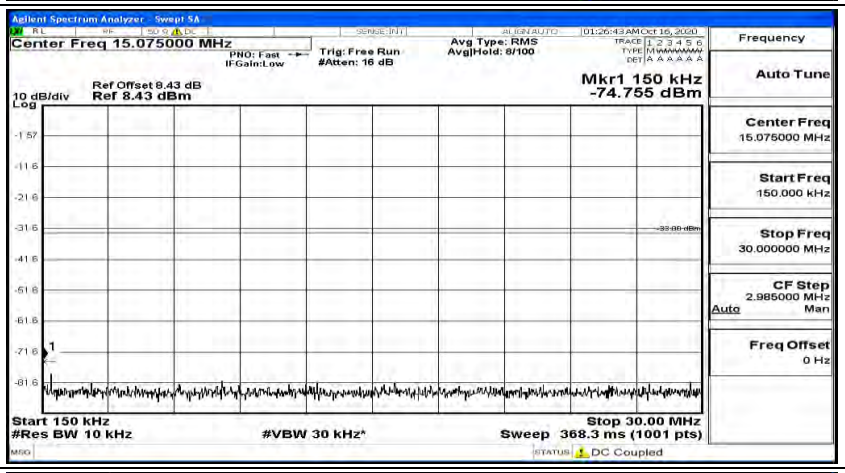
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



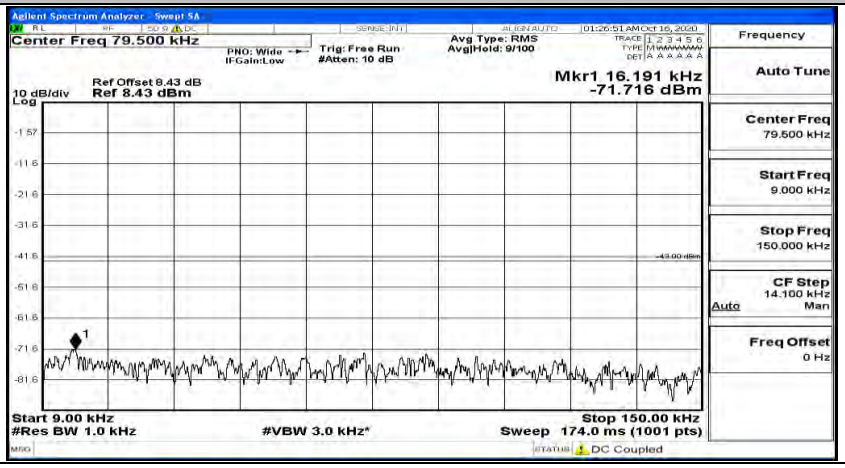


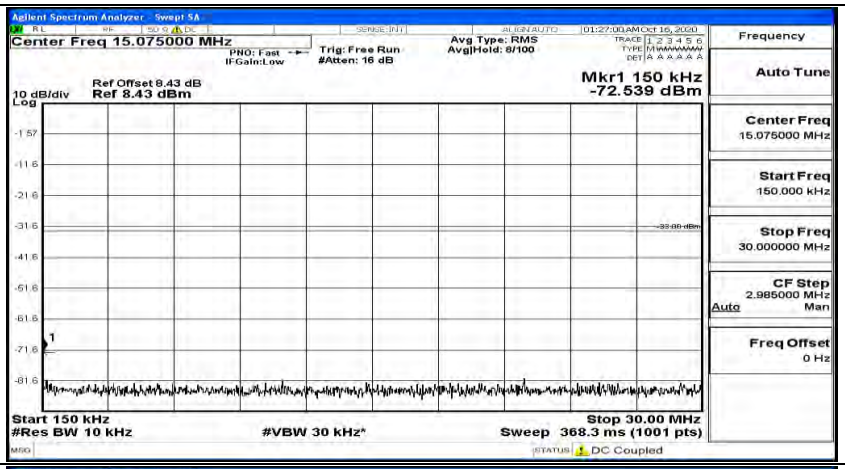
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

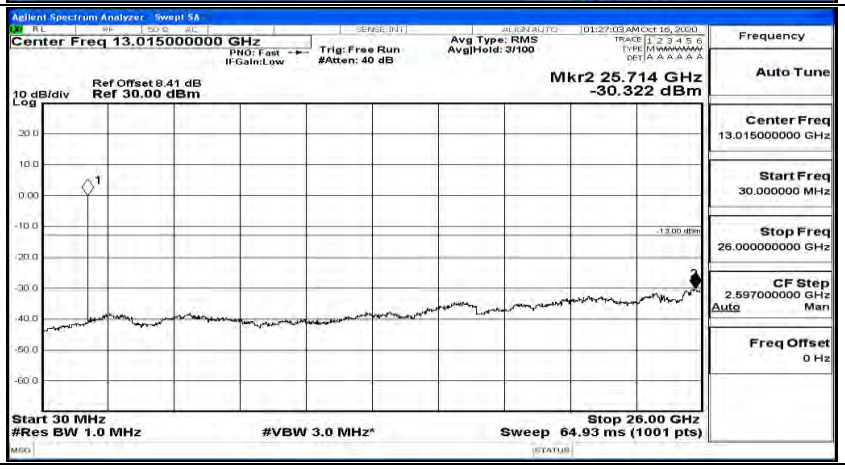




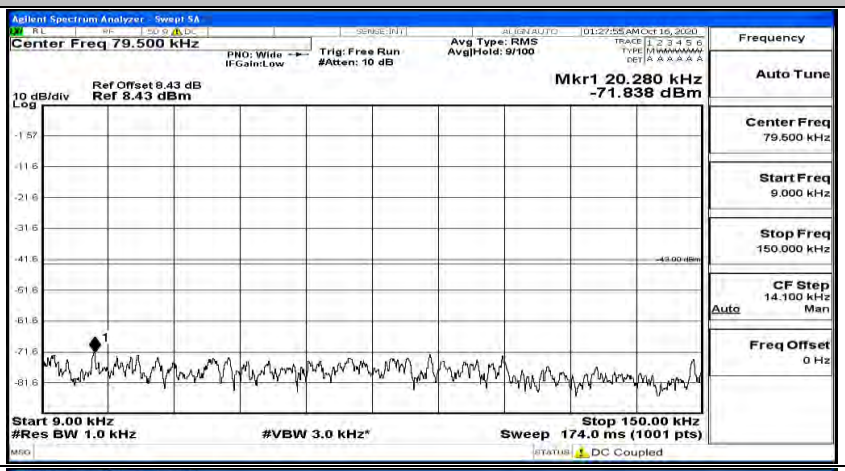
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

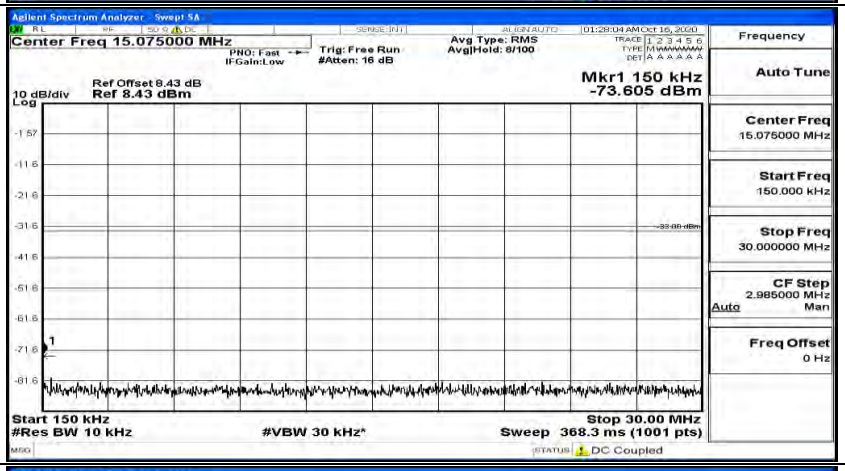


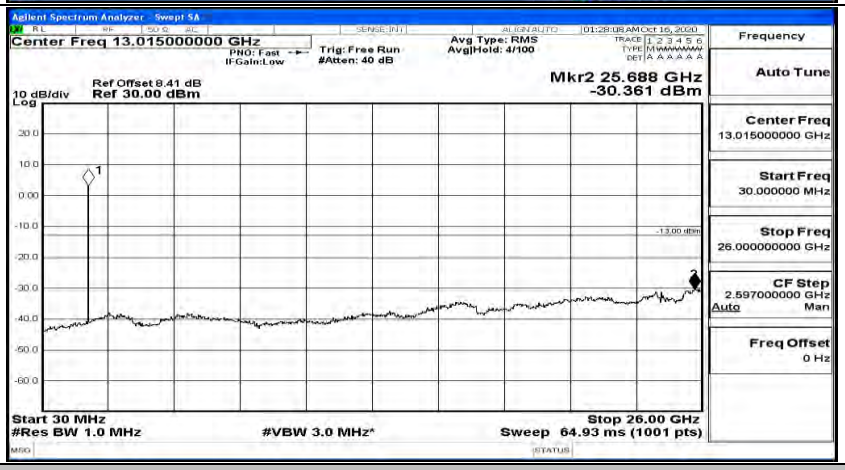

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: RMS
Avg|Hold: 8/100
01:27:00 AM Oct 16, 2020
Mkr1 150 kHz
-72.539 dBm
Ref Offset 8.43 dB
10 dB/div
Log
Ref 8.43 dBm
-1.57
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-71.6
-81.6
Start 150 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: 3/100
01:27:03 AM Oct 16, 2020
Mkr2 25.714 GHz
-30.322 dBm
Ref Offset 8.41 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
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

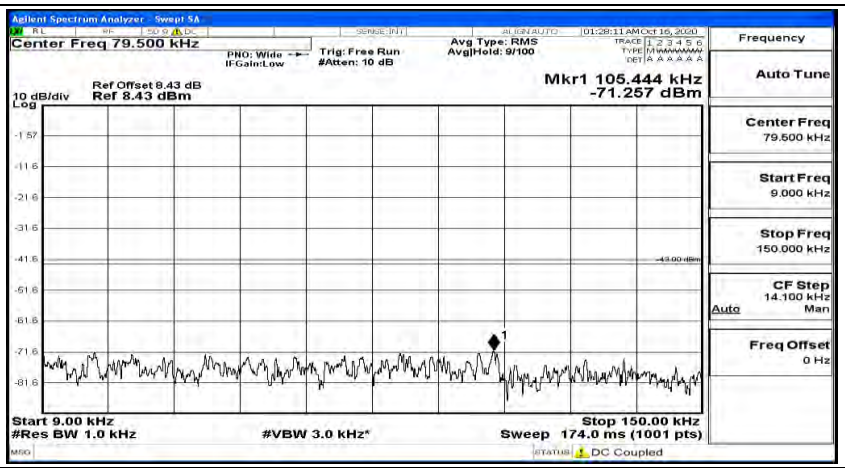
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

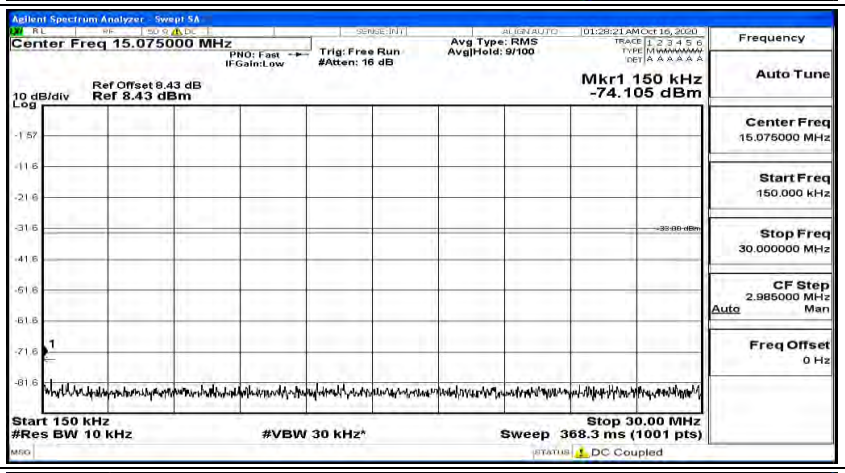


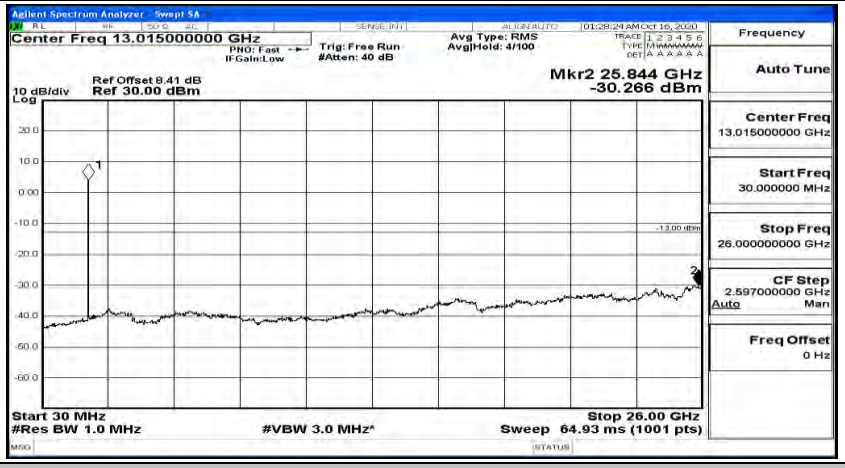




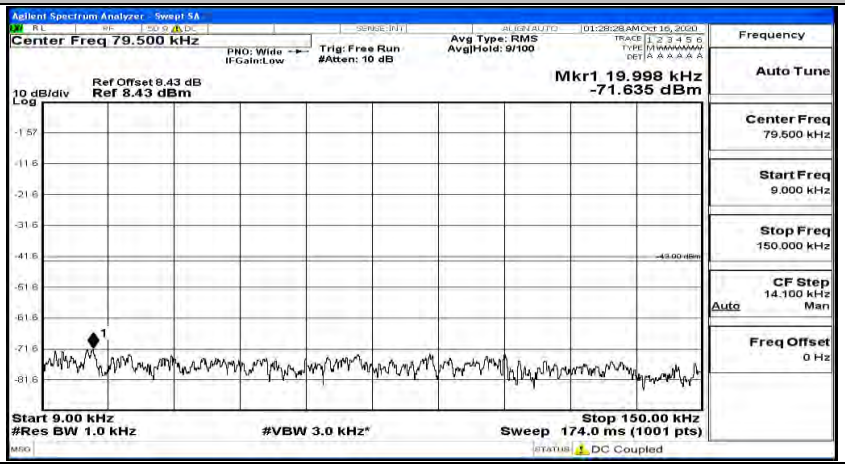
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

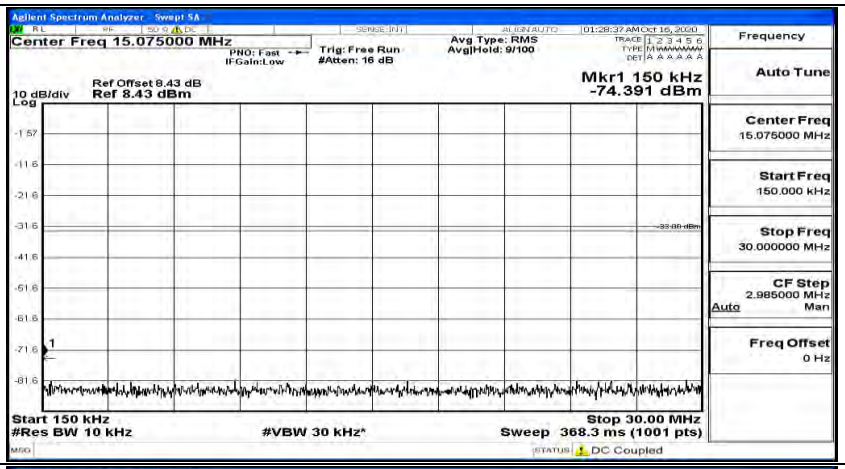






(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14





(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0