Appendix D: Test Data for E-UTRA Band 2

Product Name: Tablet

Trade Mark: N/A

Test Model: 8LAB1

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	53.5%
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	22.13	21.65	PASS
		1	3	22.09	21.43	PASS
		1	5	22.07	21.50	PASS
		3	0	22.17	21.04	PASS
		3	2	22.16	21.02	PASS
		3	3	22.21	21.02	PASS
		6	0	21.12	20.17	PASS
	MCH	1	0	22.73	21.40	PASS
		1	3	22.74	21.39	PASS
		1	5	22.76	21.51	PASS
		3	0	22.72	21.65	PASS
		3	2	22.76	21.65	PASS
		3	3	22.77	21.63	PASS
		6	0	21.77	20.94	PASS
	HCH	1	0	22.60	21.69	PASS
		1	3	22.64	21.71	PASS
		1	5	22.61	21.72	PASS
		3	0	22.61	21.88	PASS
		3	2	22.72	21.91	PASS
		3	3	22.62	21.85	PASS
		6	0	21.65	20.47	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	22.08	21.15	PASS
		1	7	22.07	21.04	PASS
		1	14	21.99	20.98	PASS
		8	0	21.25	20.22	PASS
		8	4	21.18	20.14	PASS
		8	7	21.22	20.20	PASS
		15	0	21.09	20.32	PASS
	MCH	1	0	22.77	22.22	PASS
		1	7	22.76	22.22	PASS
		1	14	22.72	22.08	PASS
		8	0	21.73	20.92	PASS
		8	4	21.73	21.01	PASS
		8	7	21.78	20.95	PASS
		15	0	21.82	20.90	PASS
	HCH	1	0	22.60	22.32	PASS
		1	7	22.64	22.29	PASS
		1	14	22.56	22.29	PASS
		8	0	21.66	20.93	PASS
		8	4	21.64	20.92	PASS
		8	7	21.64	20.94	PASS
		15	0	21.74	20.85	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	22.14	21.25	PASS
		1	12	22.11	21.20	PASS
		1	24	21.94	21.13	PASS
		12	0	21.19	20.28	PASS
		12	6	21.16	20.29	PASS
		12	13	21.11	20.27	PASS
		25	0	21.22	20.29	PASS
	MCH	1	0	22.62	22.34	PASS
		1	12	22.61	22.36	PASS
		1	24	22.53	22.28	PASS
		12	0	21.76	20.93	PASS
		12	6	21.78	20.95	PASS
		12	13	21.77	21.14	PASS
		25	0	21.74	20.96	PASS
	HCH	1	0	22.69	21.18	PASS
		1	12	22.78	21.32	PASS
		1	24	22.76	21.38	PASS
		12	0	21.63	20.56	PASS
		12	6	21.75	20.59	PASS
		12	13	21.62	20.63	PASS
		25	0	21.71	20.83	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	22.06	21.12	PASS
		1	24	21.83	20.98	PASS
		1	49	21.89	21.02	PASS
		25	0	21.16	20.20	PASS
		25	12	21.02	20.07	PASS
		25	25	21.11	20.06	PASS
		50	0	21.10	20.09	PASS
	MCH	1	0	22.65	22.31	PASS
		1	24	22.73	22.39	PASS
		1	49	22.55	22.19	PASS
		25	0	21.78	20.93	PASS
		25	12	21.87	20.88	PASS
		25	25	21.63	20.77	PASS
		50	0	21.74	20.91	PASS
	HCH	1	0	22.48	21.63	PASS
		1	24	22.67	21.72	PASS
		1	49	22.68	21.83	PASS
		25	0	21.49	20.59	PASS
		25	12	21.49	20.66	PASS
		25	25	21.65	20.74	PASS
		50	0	21.48	20.69	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	22.00	21.15	PASS
		1	37	21.93	21.04	PASS
		1	74	22.15	21.19	PASS
		37	0	21.20	20.23	PASS
		37	18	21.06	20.19	PASS
		37	38	21.22	20.26	PASS
		75	0	21.23	20.29	PASS
	MCH	1	0	22.51	21.76	PASS
		1	37	22.69	21.89	PASS
		1	74	22.35	21.54	PASS
		37	0	21.82	20.84	PASS
		37	18	21.85	20.87	PASS
		37	38	21.70	20.82	PASS
		75	0	21.74	20.81	PASS
	HCH	1	0	22.34	21.48	PASS
		1	37	22.63	21.70	PASS
		1	74	22.66	21.85	PASS
		37	0	21.31	20.49	PASS
		37	18	21.52	20.60	PASS
		37	38	21.51	20.69	PASS
		75	0	21.51	20.60	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	22.22	20.87	PASS
		1	49	22.11	20.74	PASS
		1	99	22.50	21.03	PASS
		50	0	21.07	20.16	PASS
		50	25	21.15	20.15	PASS
		50	50	21.15	20.35	PASS
		100	0	21.13	20.24	PASS
	MCH	1	0	22.69	21.21	PASS
		1	49	23.07	21.55	PASS
		1	99	22.65	21.23	PASS
		50	0	21.65	20.82	PASS
		50	25	21.85	20.88	PASS
		50	50	21.60	20.76	PASS
		100	0	21.65	20.72	PASS
	HCH	1	0	22.07	21.57	PASS
		1	49	22.27	21.51	PASS
		1	99	22.48	21.86	PASS
		50	0	21.33	20.38	PASS
		50	25	21.44	20.54	PASS
		50	50	21.45	20.70	PASS
		100	0	21.49	20.41	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	4.44	<13	PASS
	MCH	5.22	<13	PASS
	HCH	5.03	<13	PASS
16QAM	LCH	5.31	<13	PASS
	MCH	6.1	<13	PASS
	HCH	5.83	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.66	<13	PASS
	MCH	5.38	<13	PASS
	HCH	5.17	<13	PASS
16QAM	LCH	5.47	<13	PASS
	MCH	6.05	<13	PASS
	HCH	5.97	<13	PASS

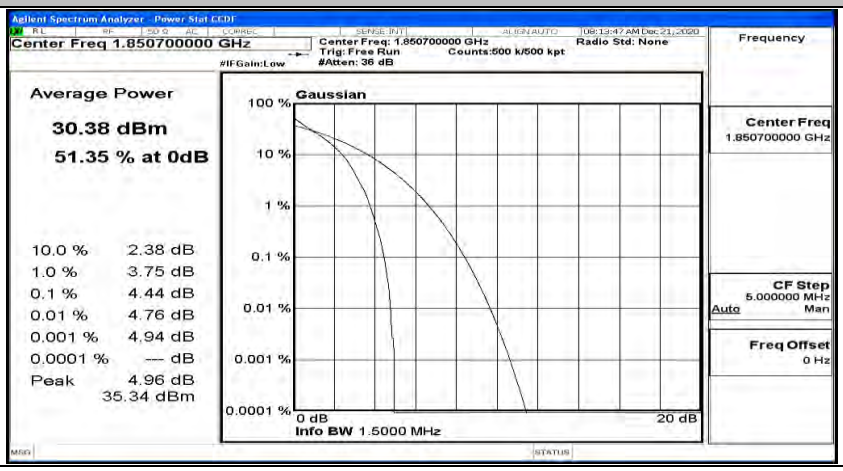
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.5	<13	PASS
	MCH	5.23	<13	PASS
	HCH	5.21	<13	PASS
16QAM	LCH	5.16	<13	PASS
	MCH	6	<13	PASS
	HCH	5.9	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.83	<13	PASS
	MCH	5.4	<13	PASS
	HCH	5.42	<13	PASS
16QAM	LCH	5.49	<13	PASS
	MCH	6.09	<13	PASS
	HCH	6.16	<13	PASS

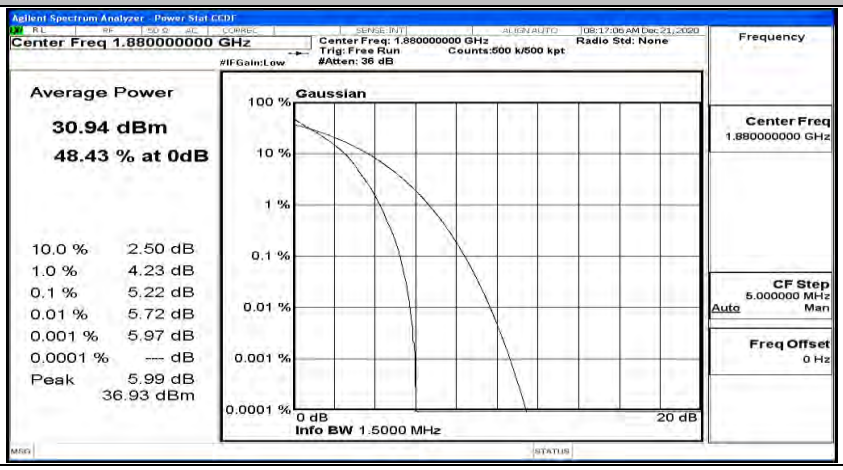
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.91	<13	PASS
	MCH	4.94	<13	PASS
	HCH	5.02	<13	PASS
16QAM	LCH	6.05	<13	PASS
	MCH	6.13	<13	PASS
	HCH	6.23	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.78	<13	PASS
	MCH	5.76	<13	PASS
	HCH	5.8	<13	PASS
16QAM	LCH	6.72	<13	PASS
	MCH	6.63	<13	PASS
	HCH	6.72	<13	PASS

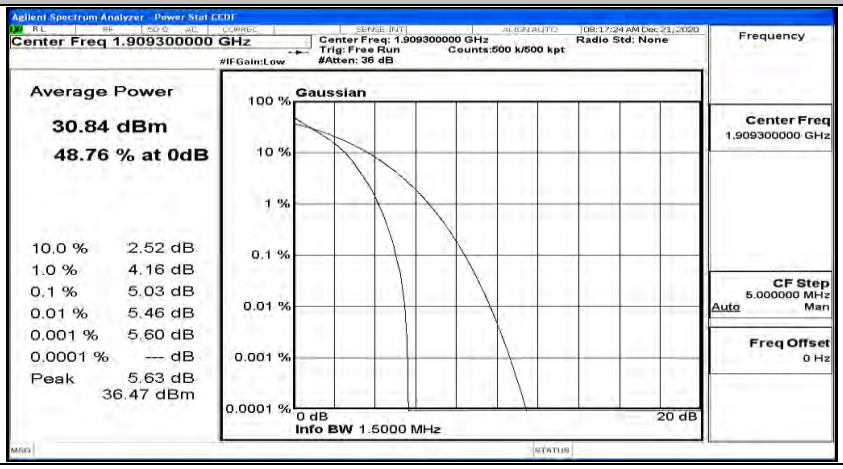
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



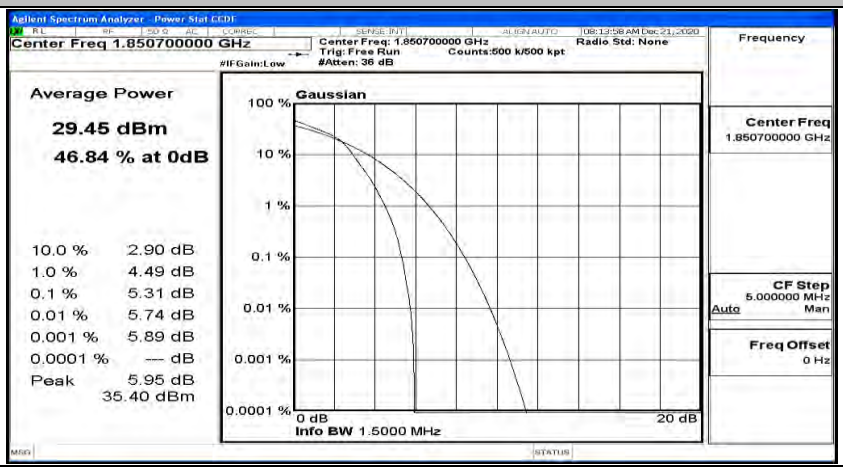
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



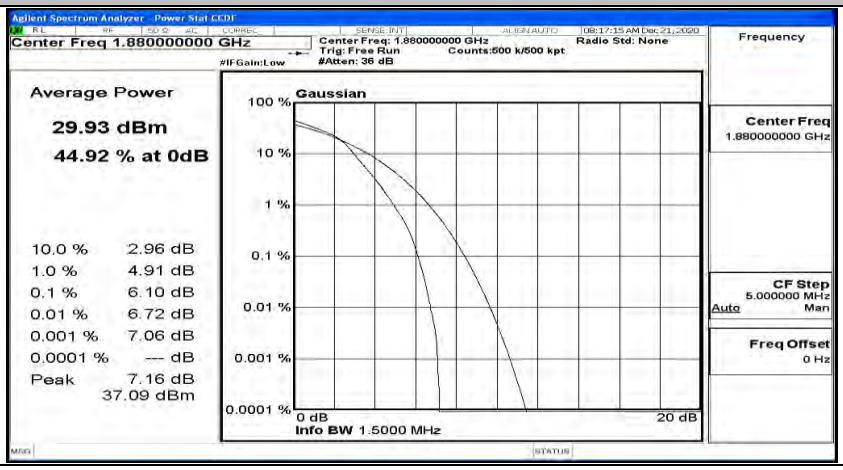
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



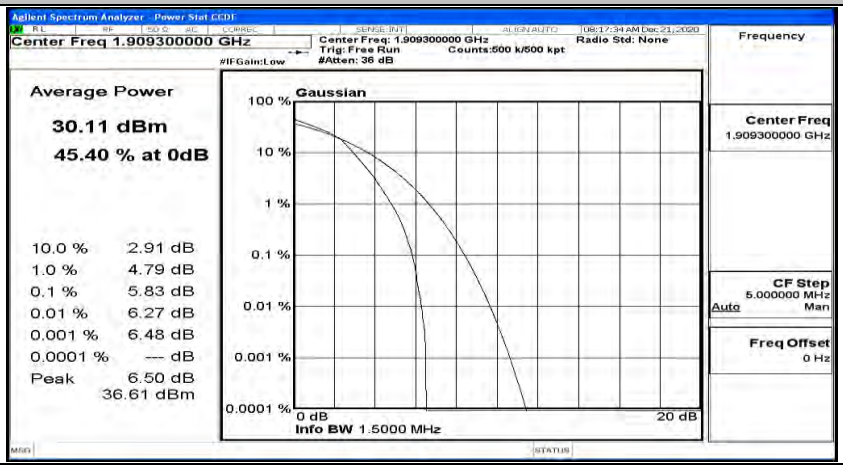
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



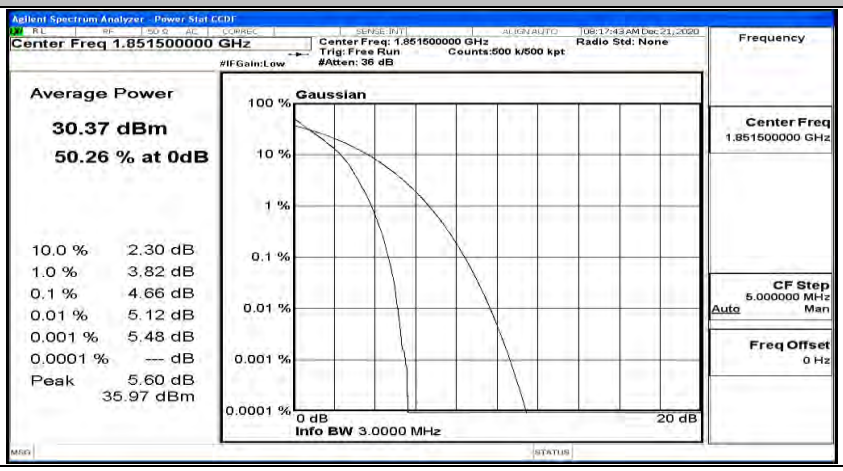
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



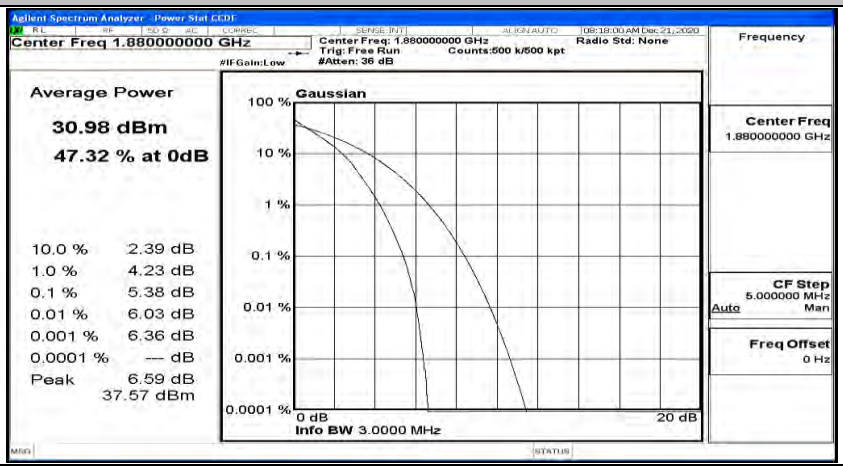
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



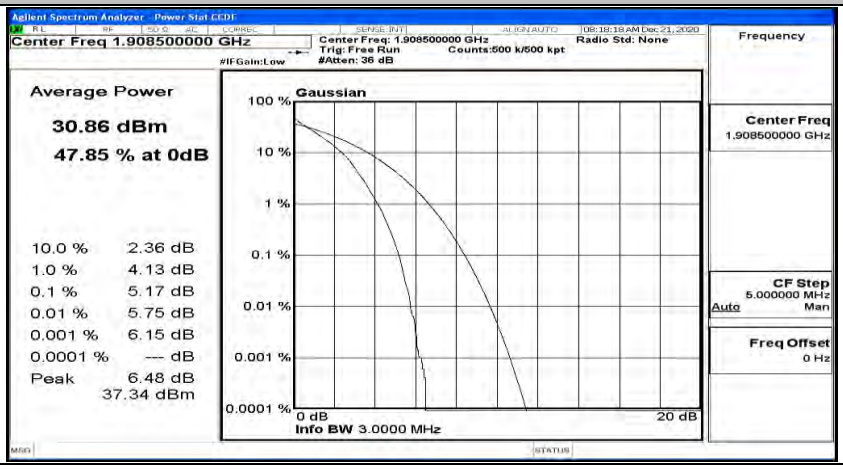
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



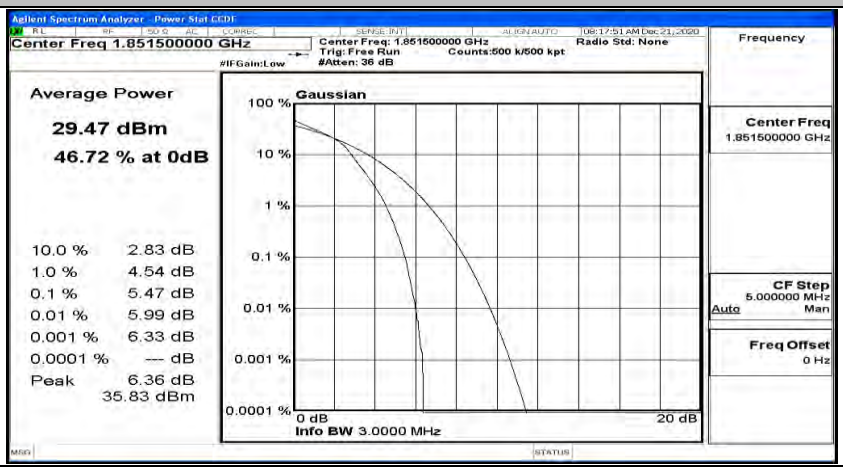
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



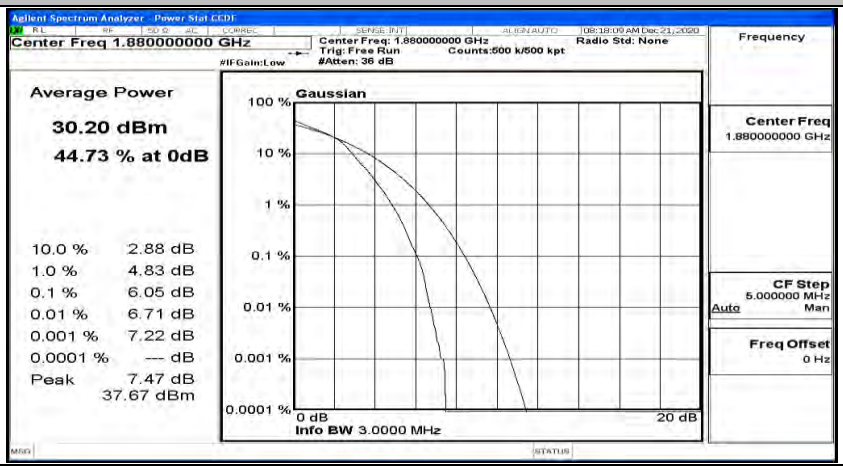
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



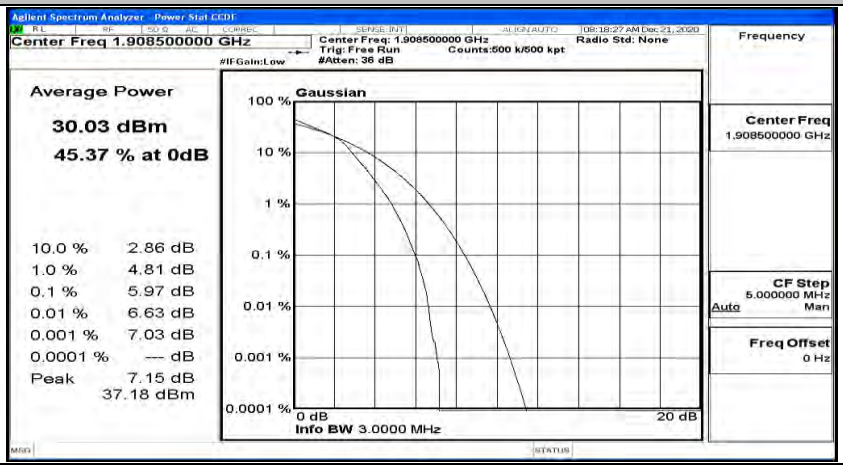
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



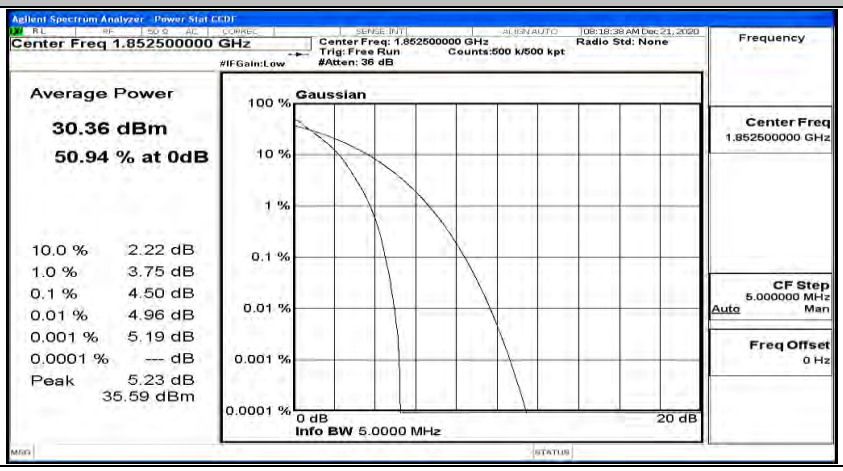
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



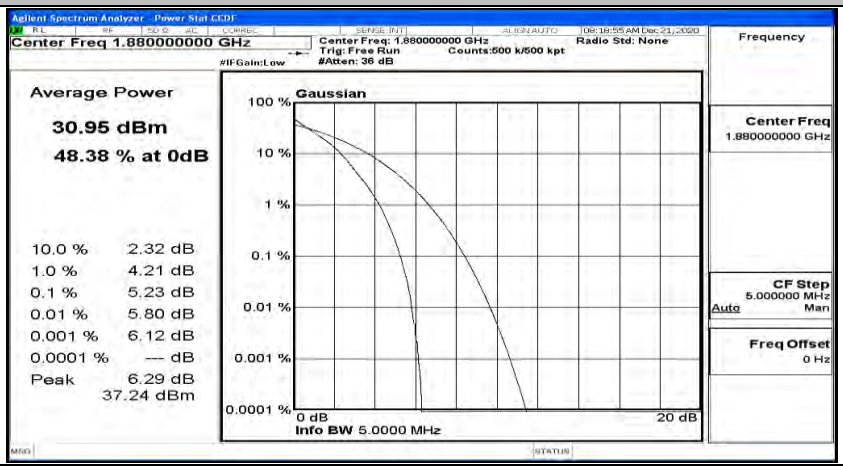
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



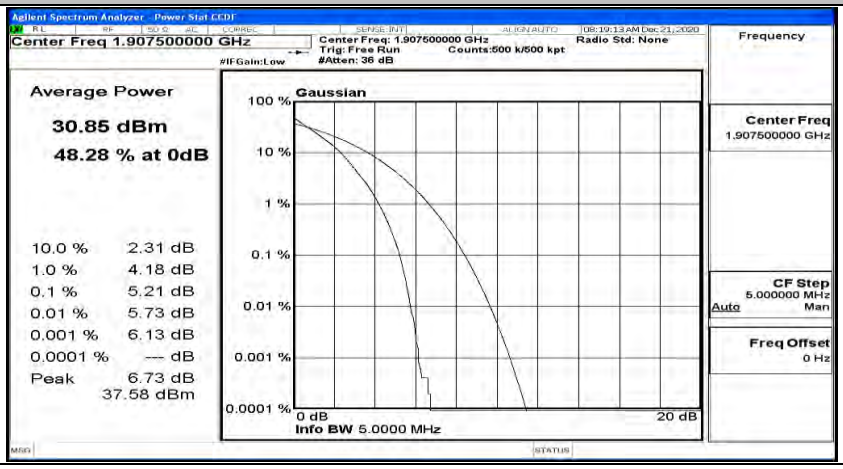
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



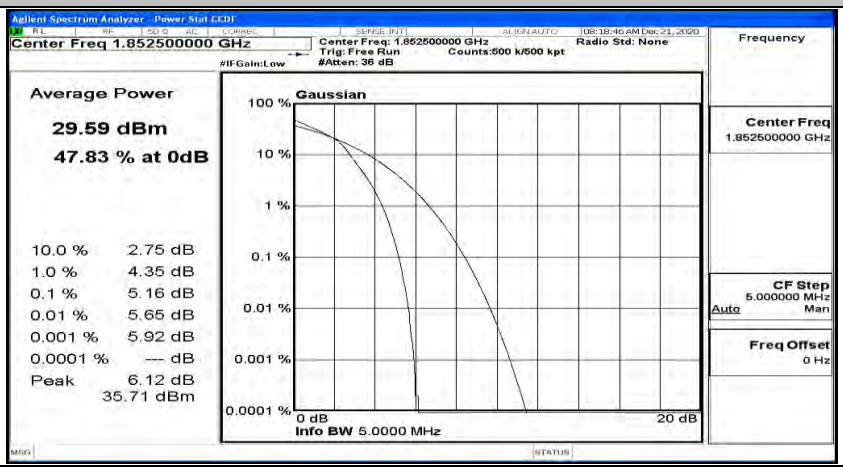
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



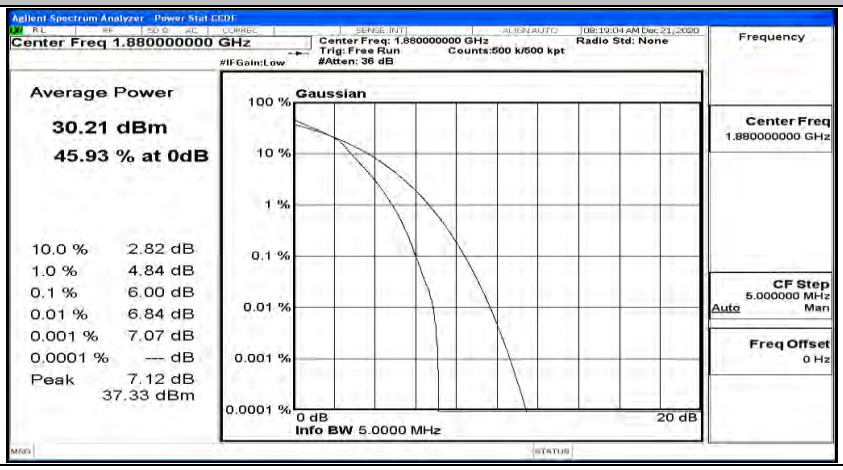
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



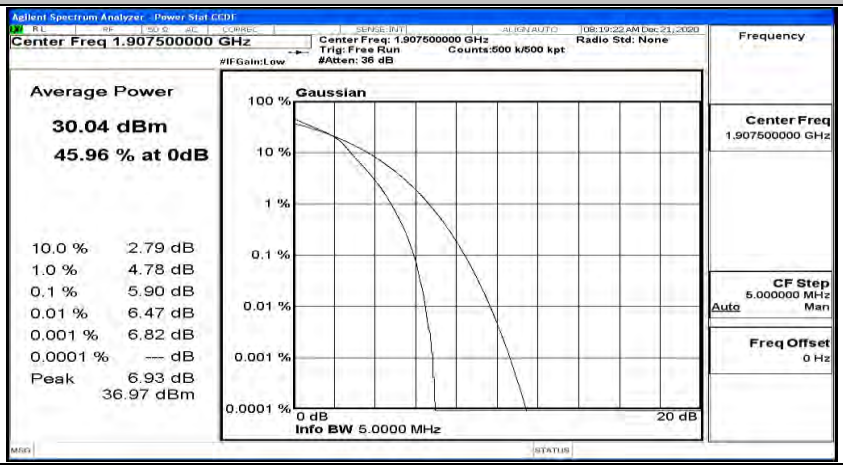
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



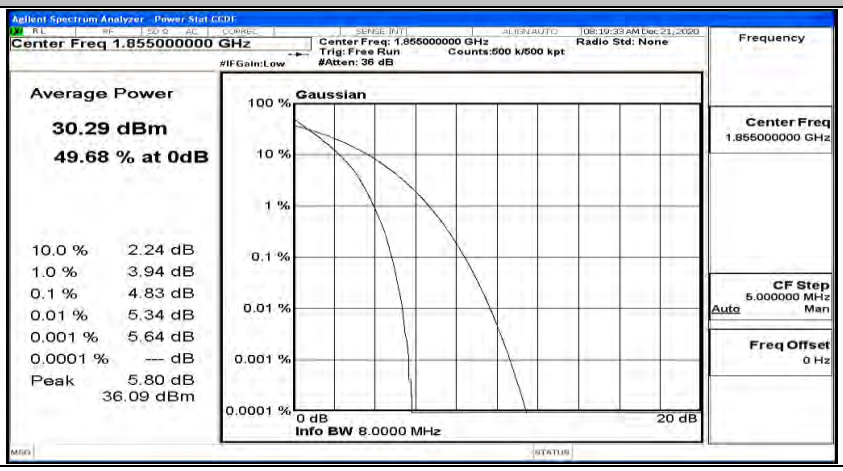
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



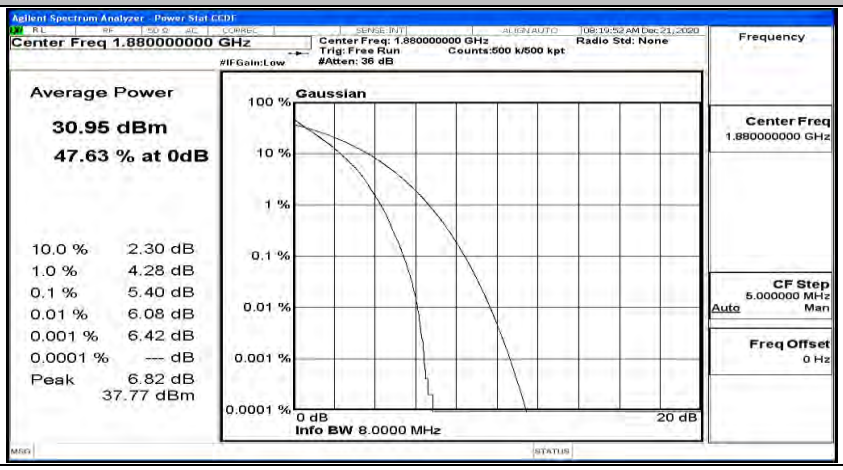
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



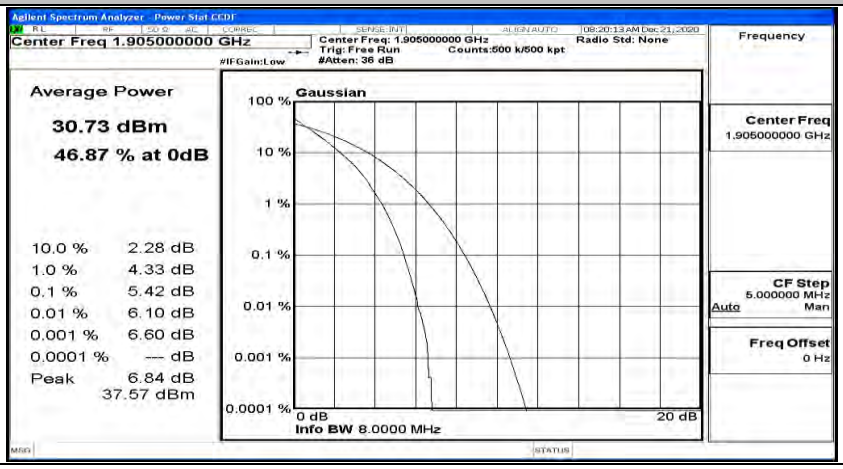
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



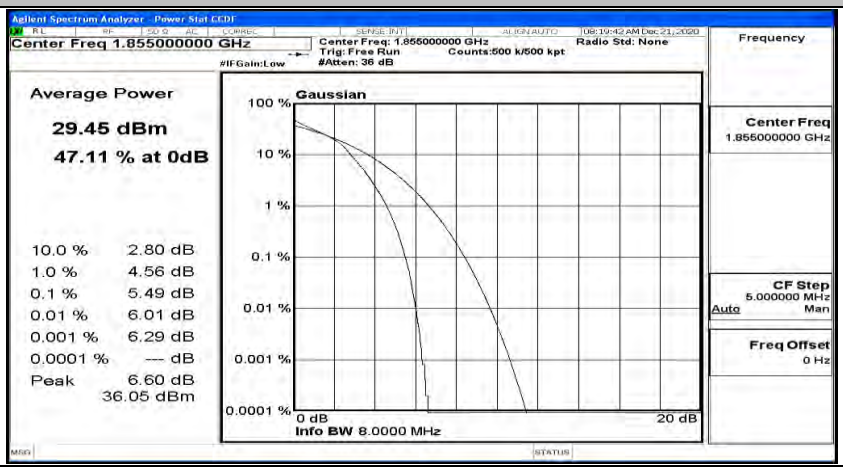
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



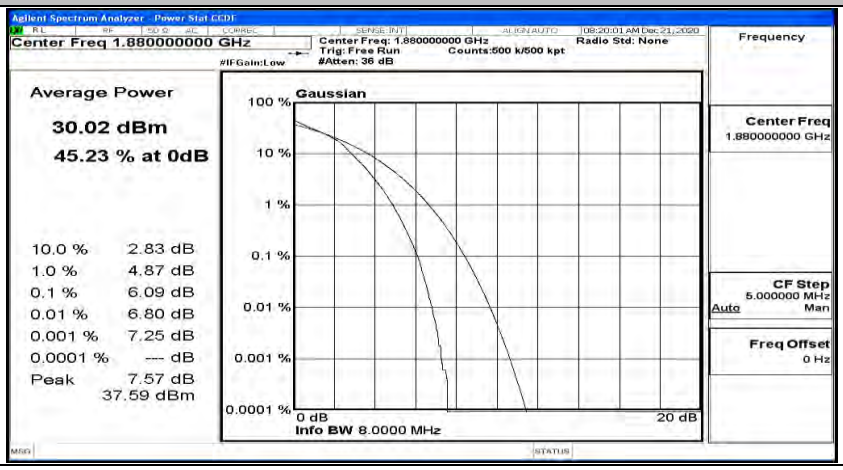
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



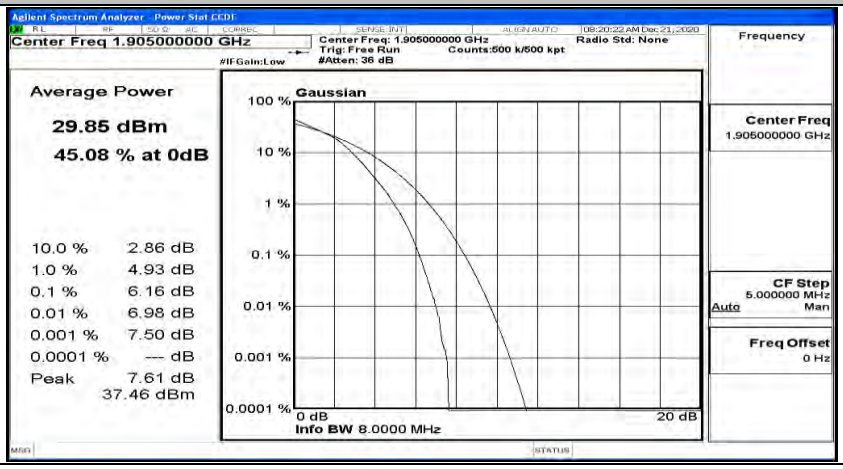
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



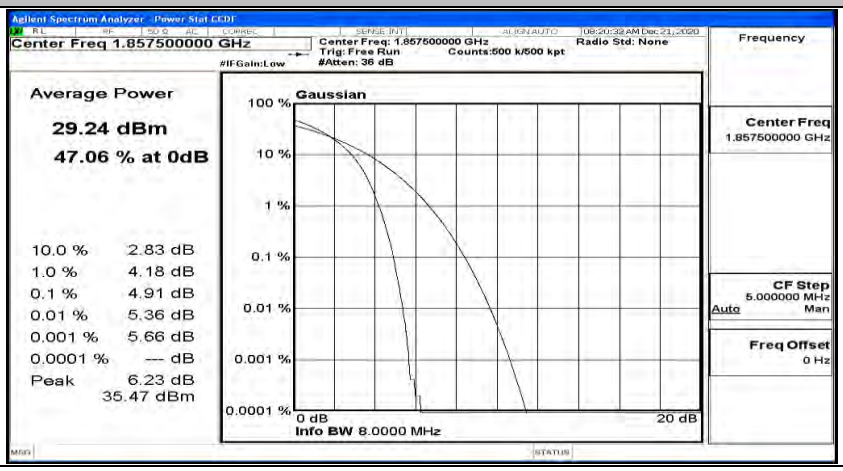
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



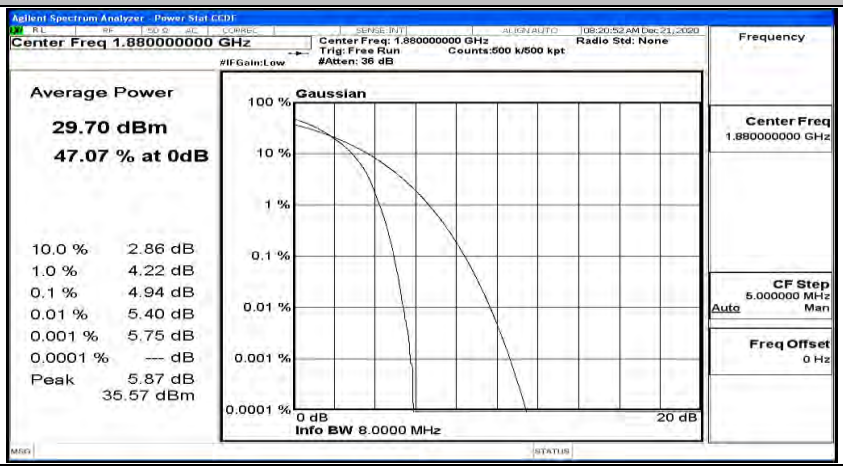
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



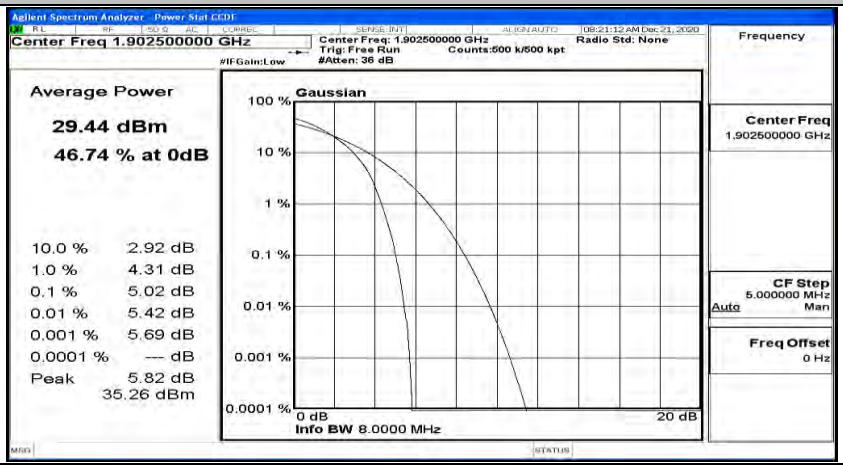
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



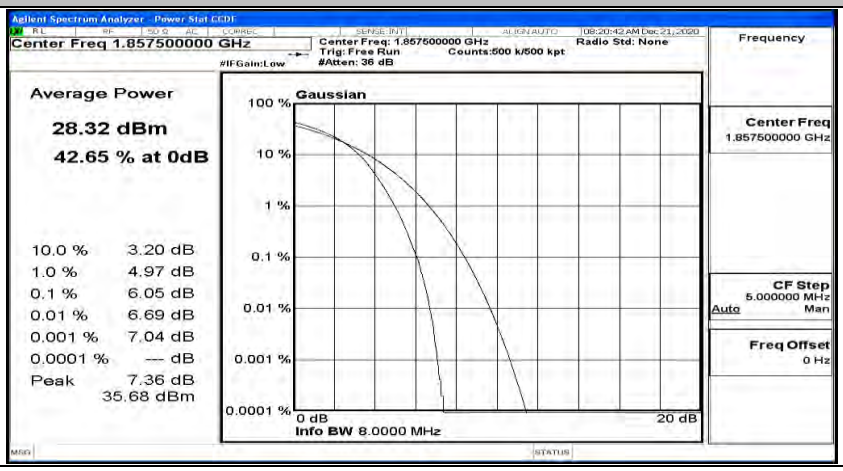
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



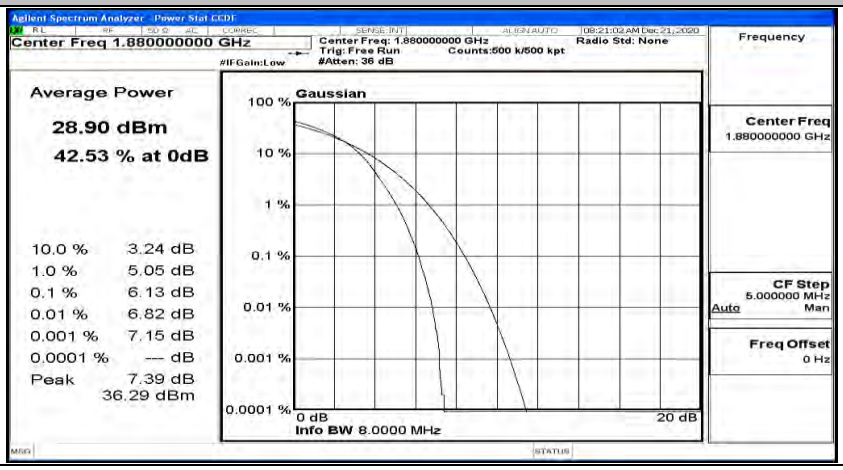
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



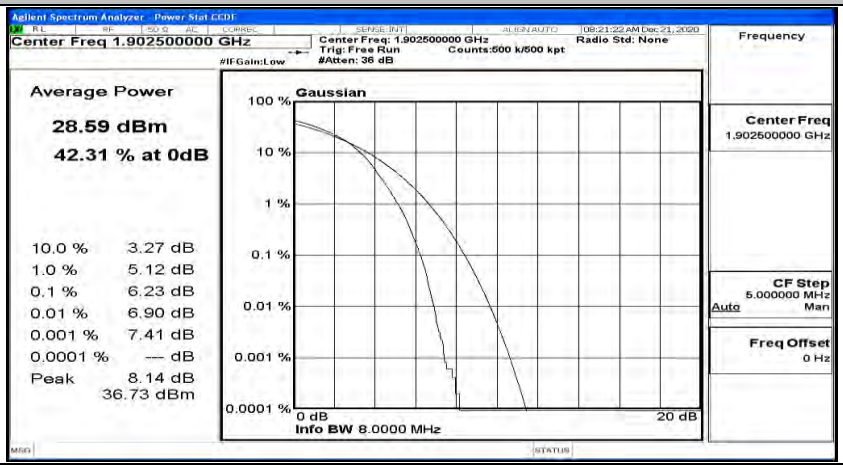
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



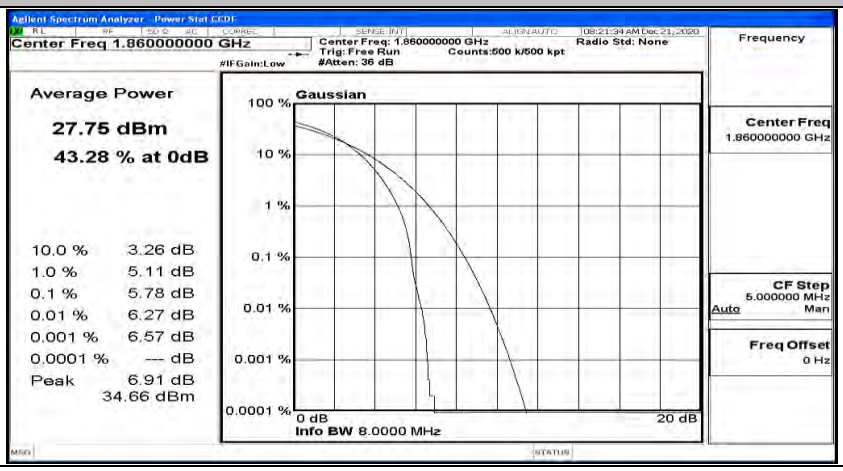
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



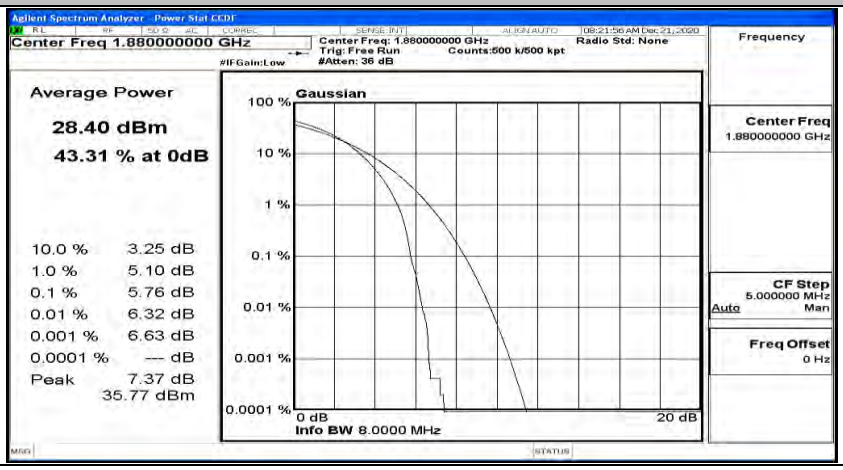
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



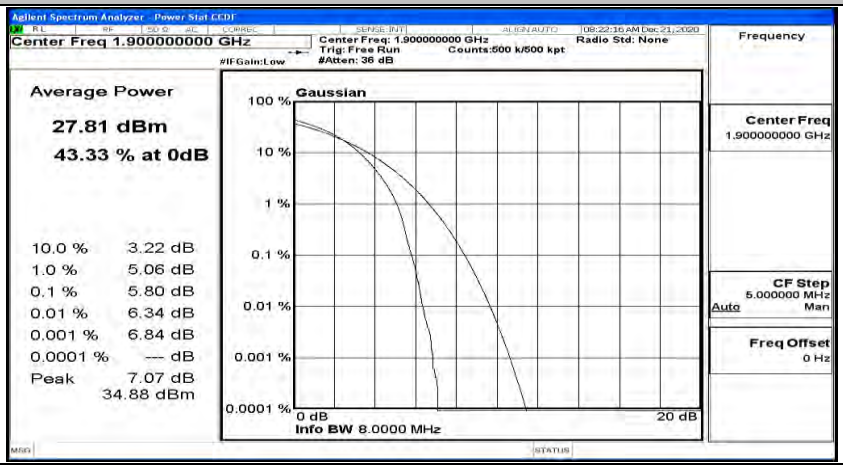
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



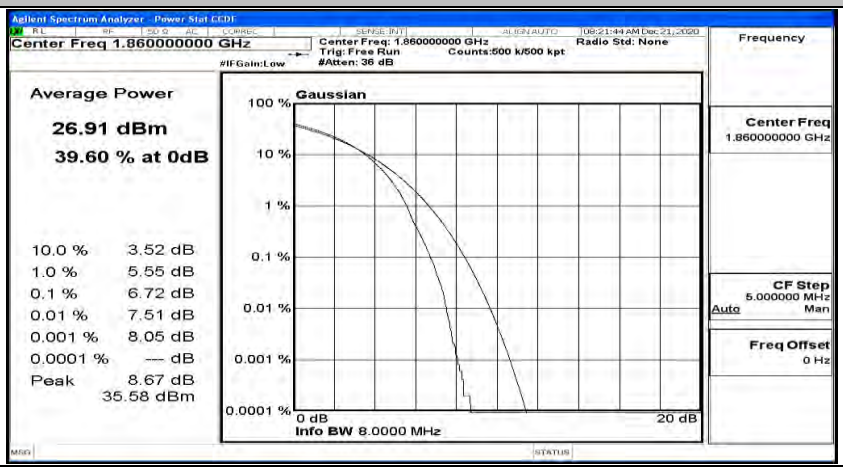
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



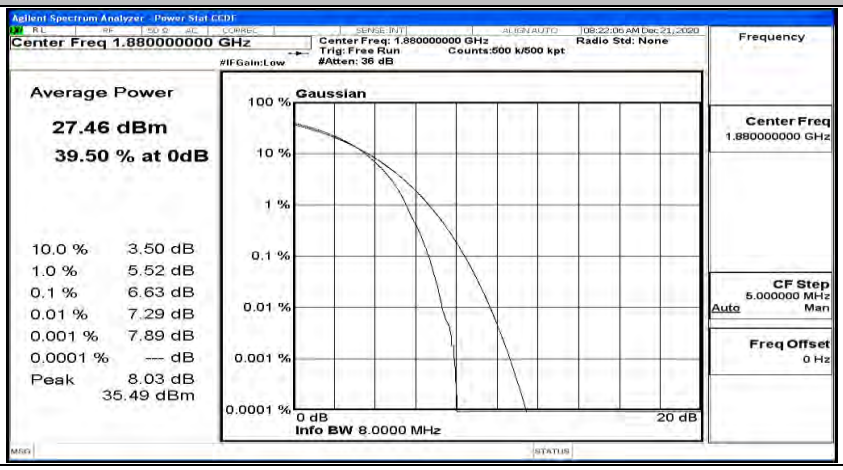
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



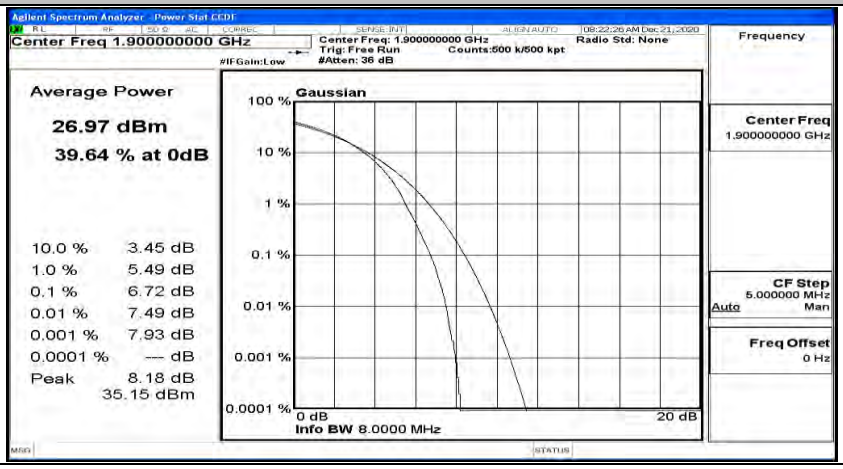
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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	1.0766	1.227	PASS
	MCH	1.0785	1.208	PASS
	HCH	1.0779	1.201	PASS
16QAM	LCH	1.0798	1.227	PASS
	MCH	1.0776	1.225	PASS
	HCH	1.0807	1.220	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6845	2.952	PASS
	MCH	2.6856	2.954	PASS
	HCH	2.6878	2.942	PASS
16QAM	LCH	2.6867	2.961	PASS
	MCH	2.6875	2.981	PASS
	HCH	2.6840	2.937	PASS

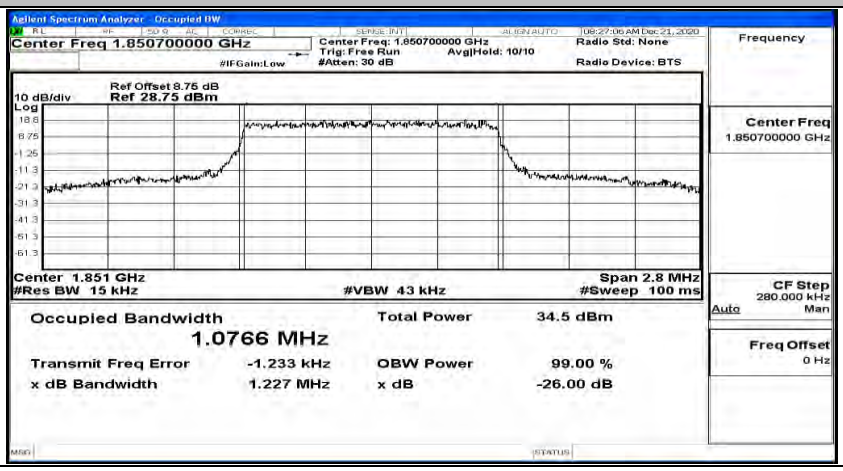
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4741	4.892	PASS
	MCH	4.4705	4.830	PASS
	HCH	4.4731	4.834	PASS
16QAM	LCH	4.4790	4.810	PASS
	MCH	4.4715	4.843	PASS
	HCH	4.4659	4.850	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9434	9.494	PASS
	MCH	8.9427	9.521	PASS
	HCH	8.9364	9.487	PASS
16QAM	LCH	8.9348	9.442	PASS
	MCH	8.9534	9.538	PASS
	HCH	8.9281	9.563	PASS

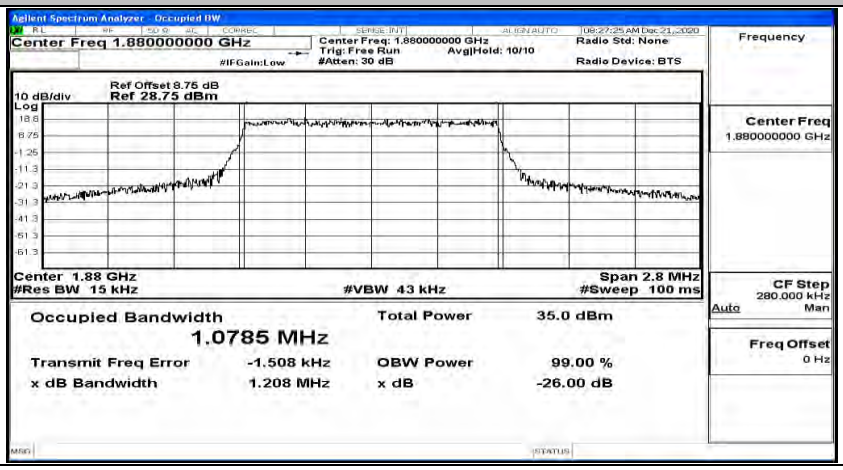
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.379	14.09	PASS
	MCH	13.380	14.10	PASS
	HCH	13.403	14.18	PASS
16QAM	LCH	13.397	14.01	PASS
	MCH	13.380	14.09	PASS
	HCH	13.401	14.18	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.875	18.71	PASS
	MCH	17.849	18.70	PASS
	HCH	17.919	18.83	PASS
16QAM	LCH	17.876	18.78	PASS
	MCH	17.853	18.84	PASS
	HCH	17.889	18.83	PASS

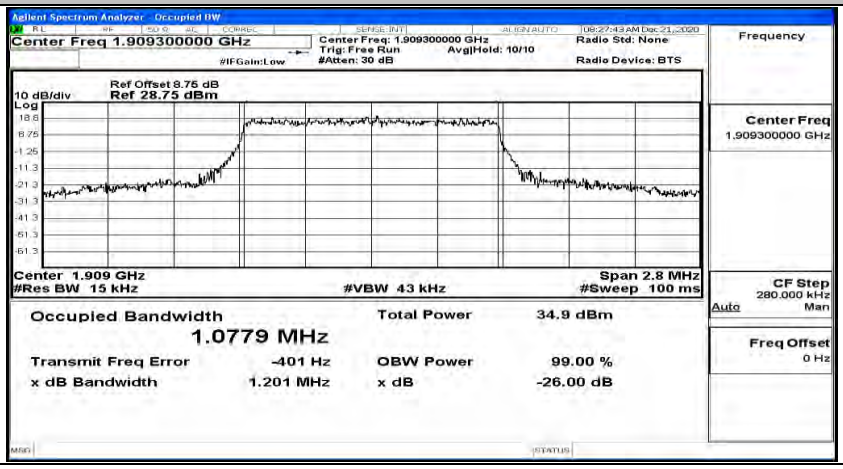
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



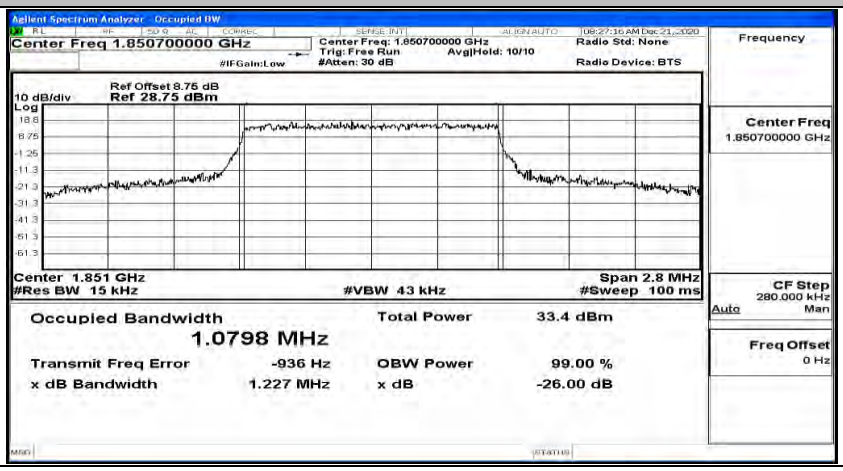
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



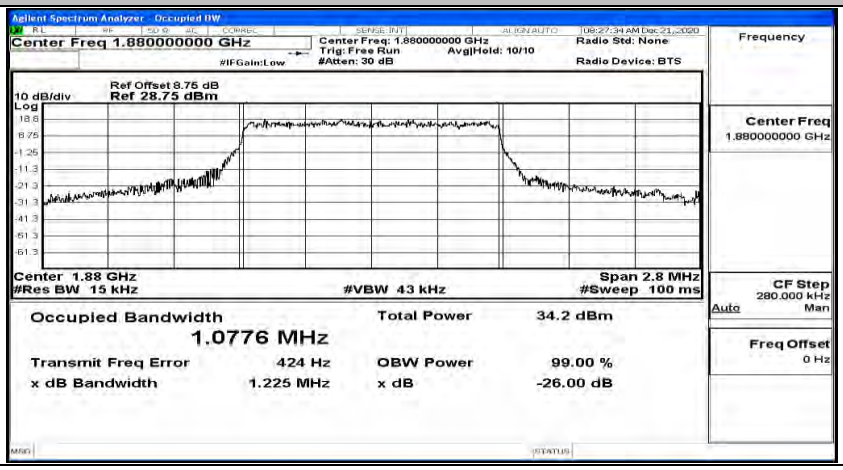
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



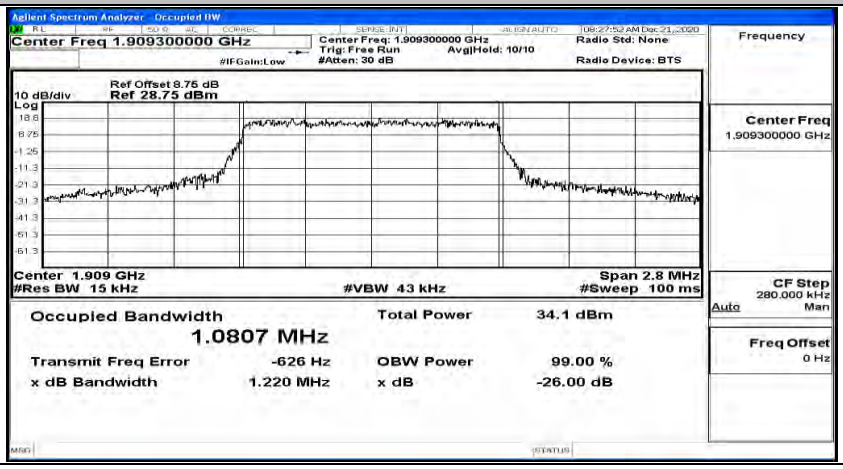
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



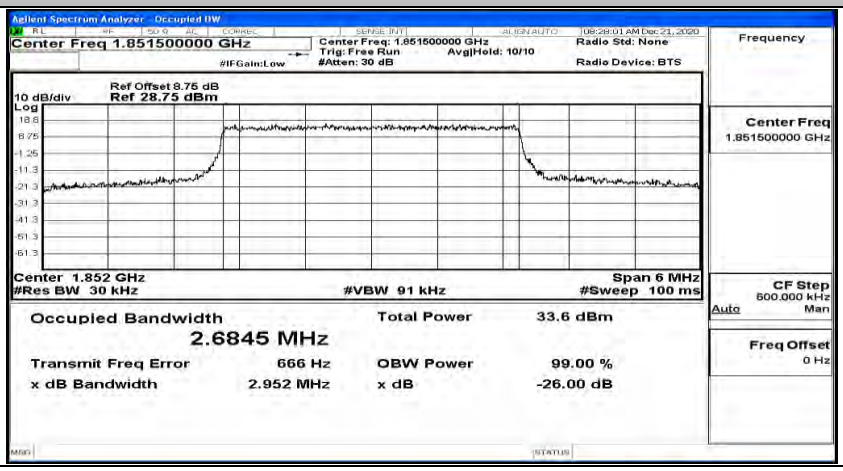
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



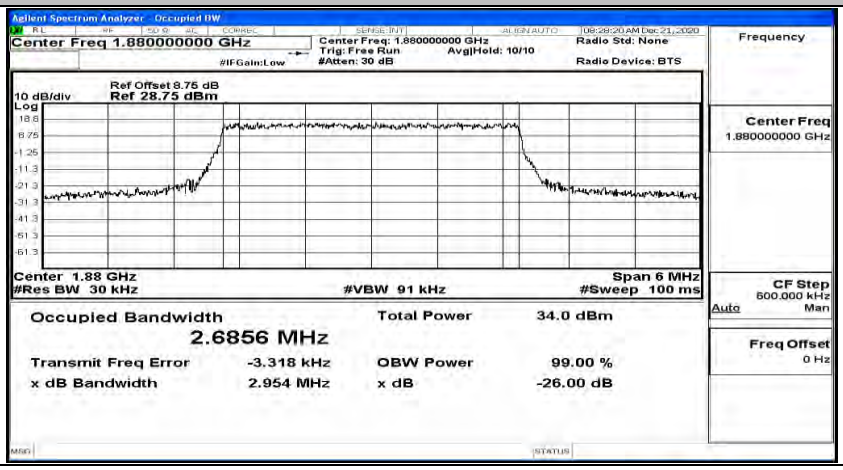
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



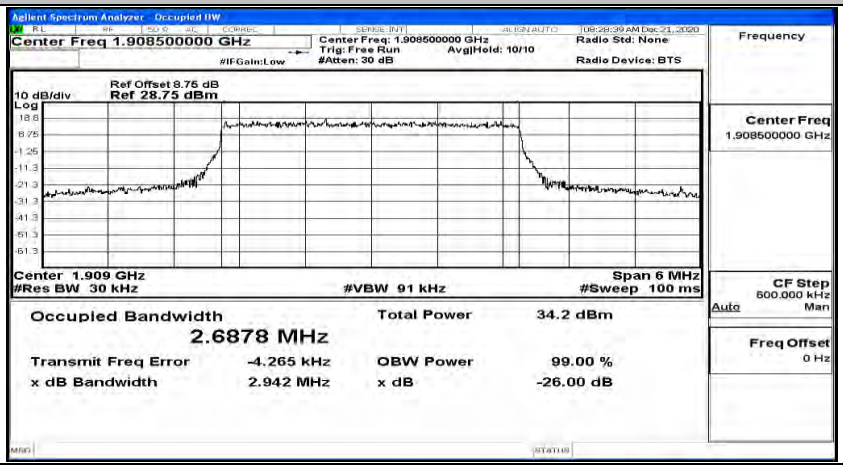
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



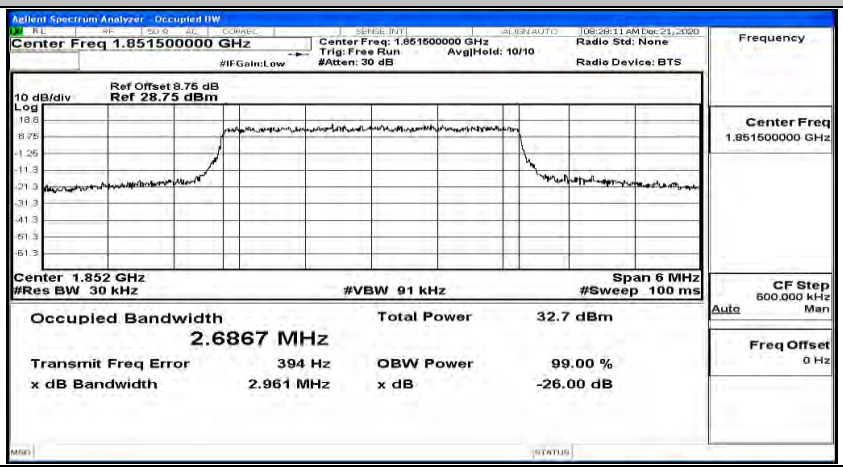
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



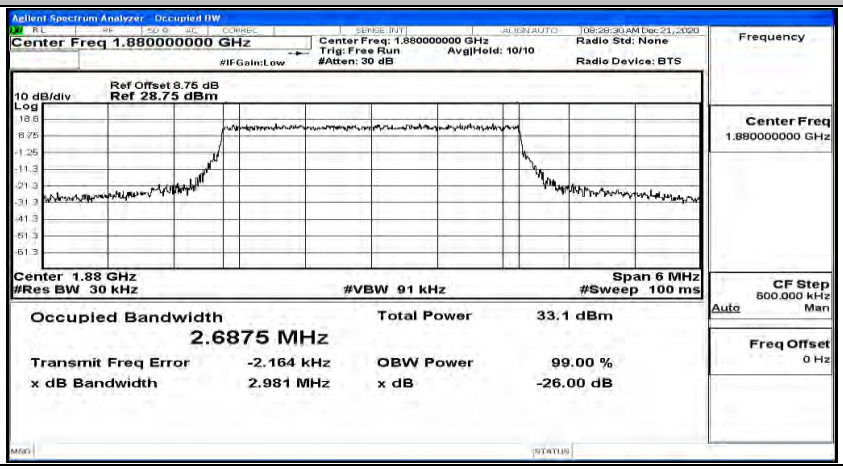
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



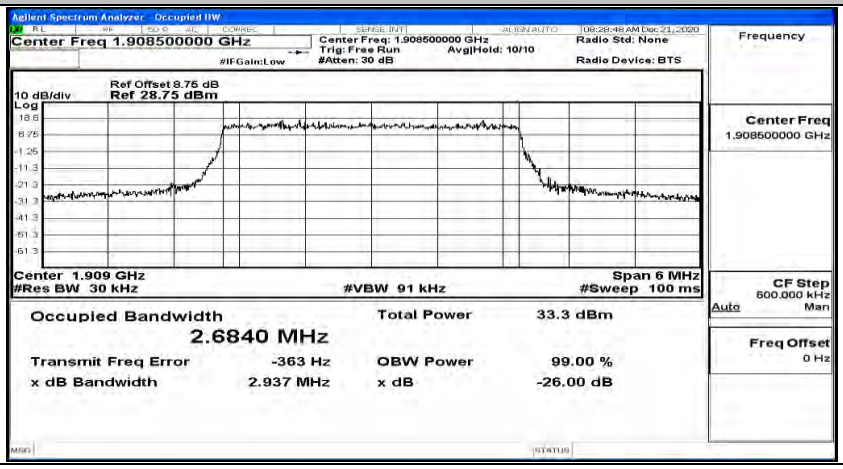
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



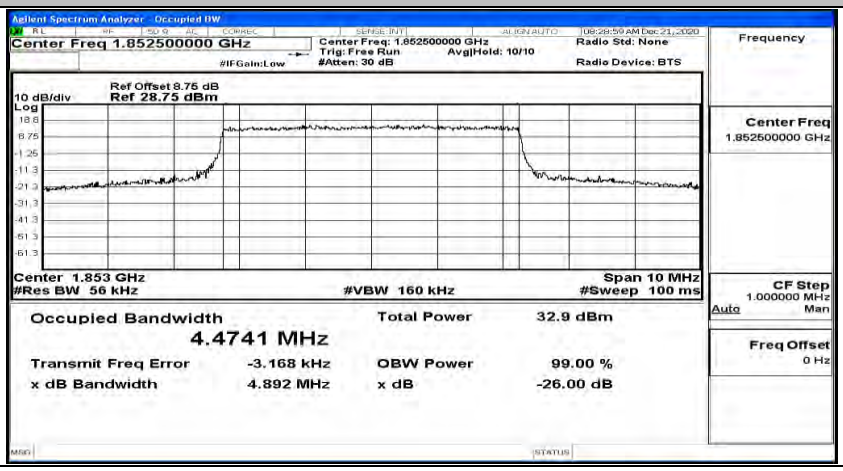
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



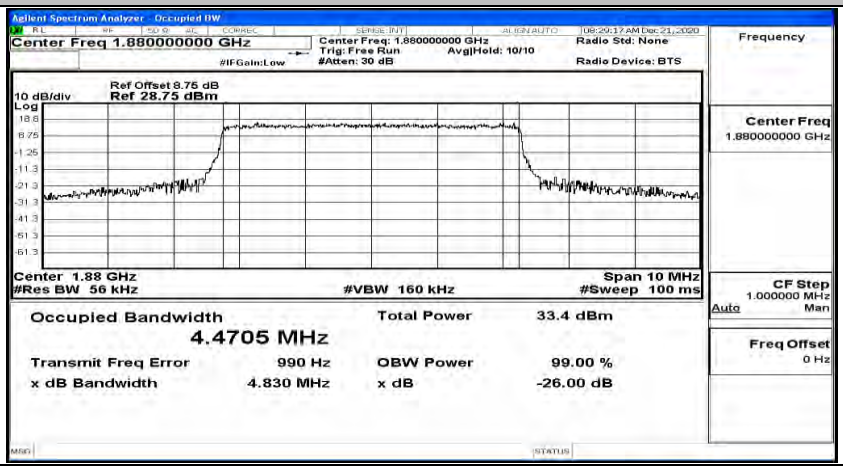
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



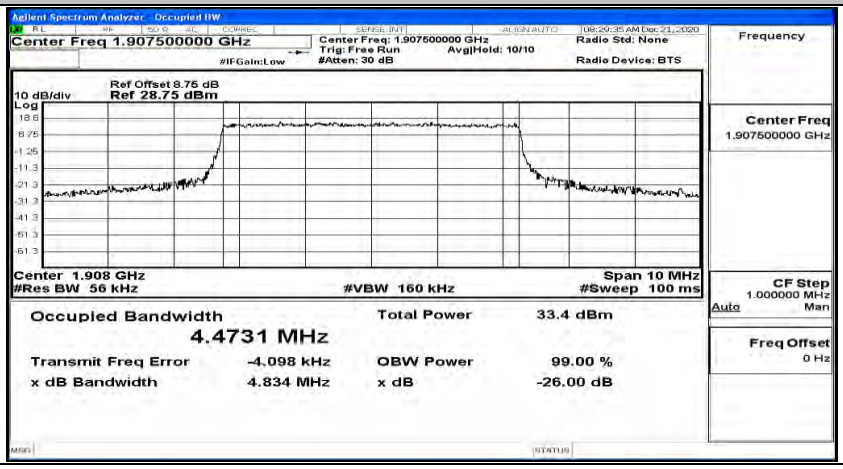
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



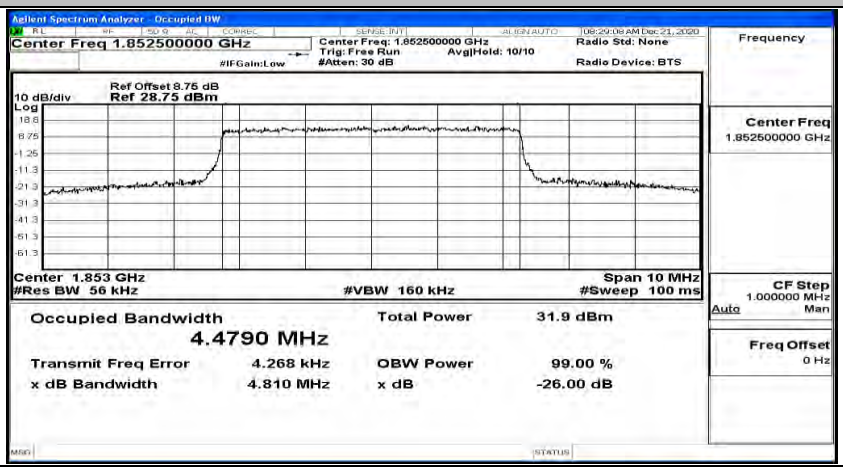
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



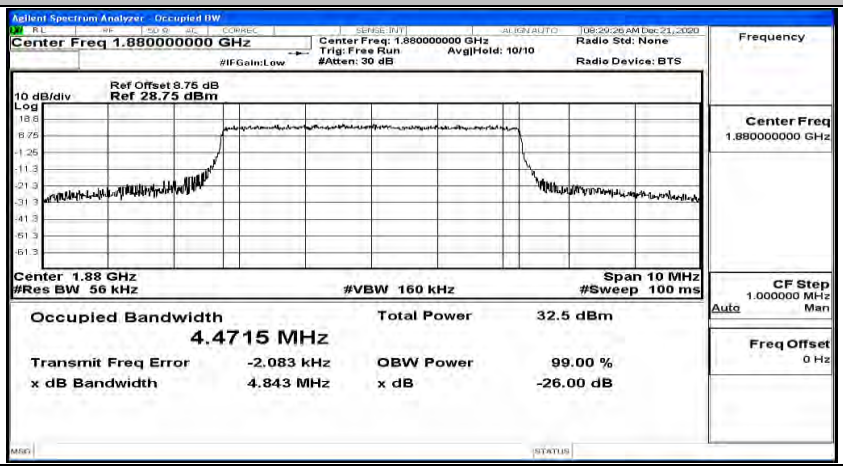
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



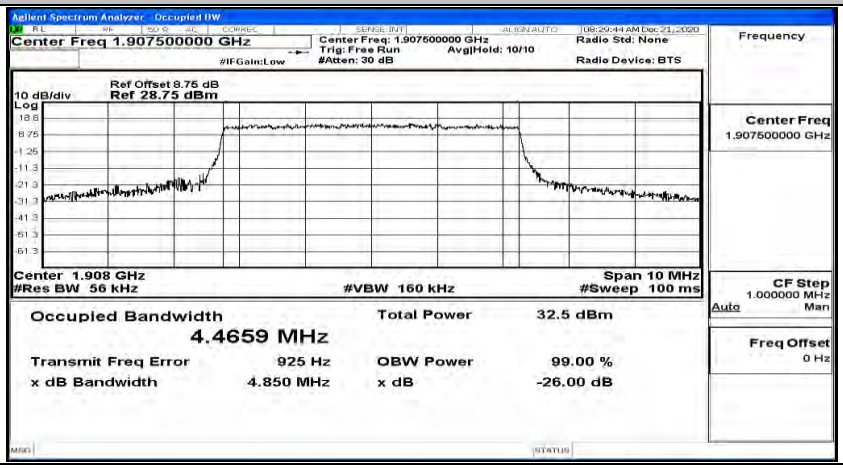
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



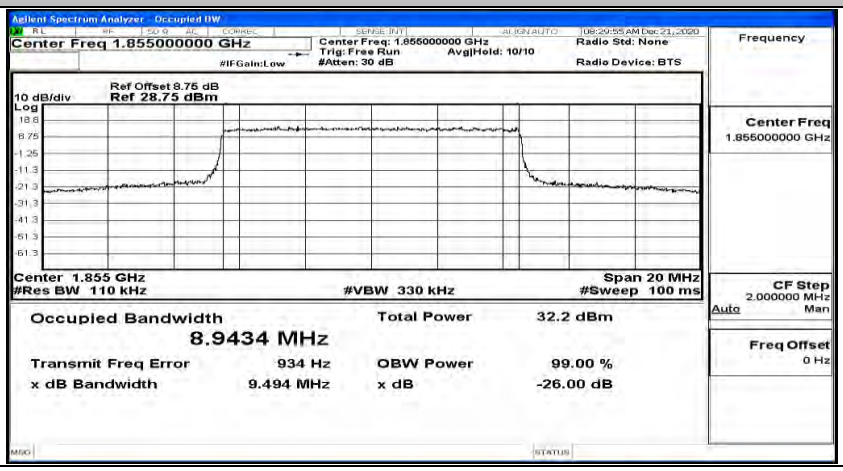
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



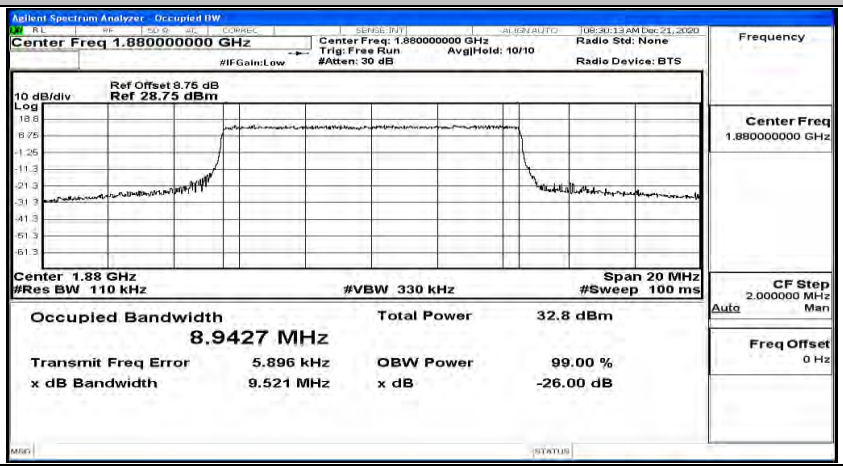
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



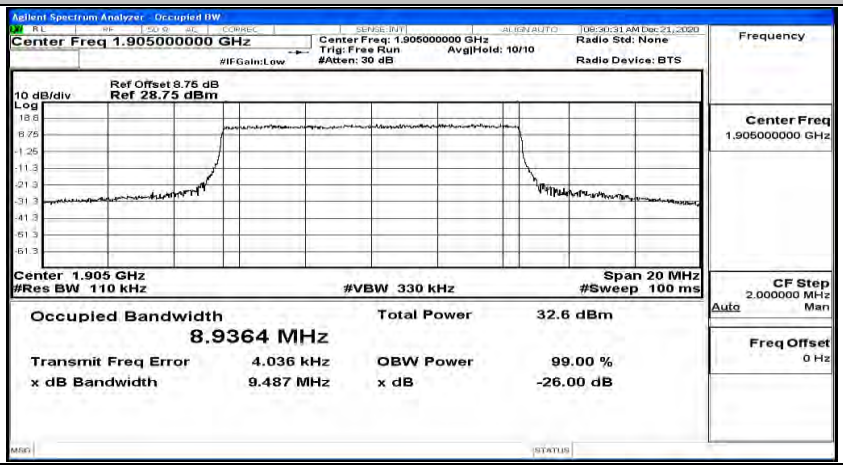
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



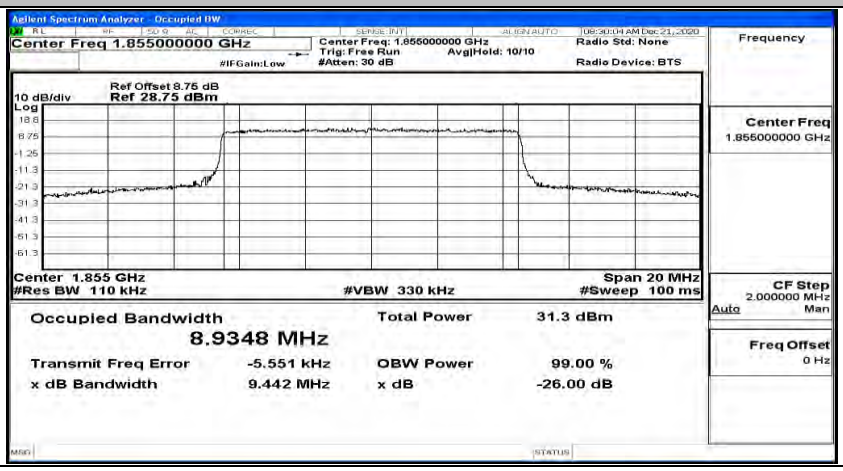
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



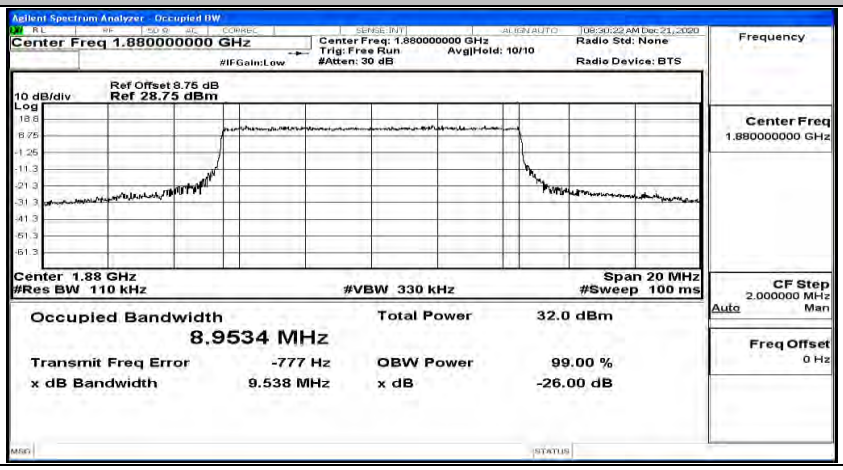
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



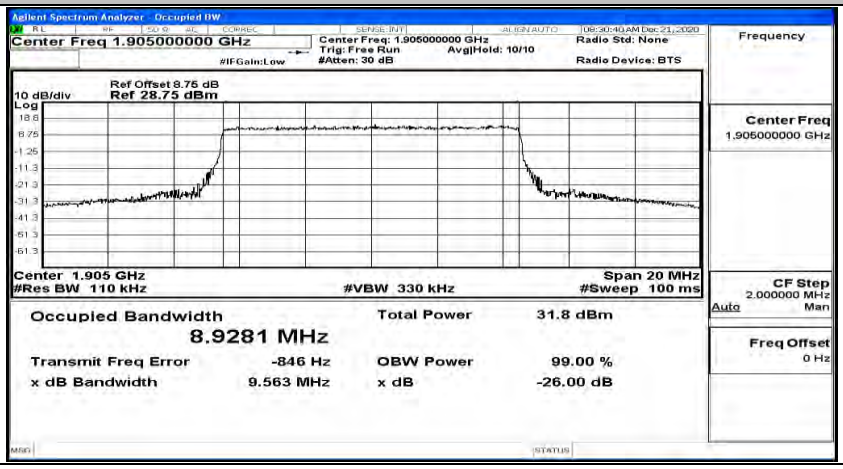
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



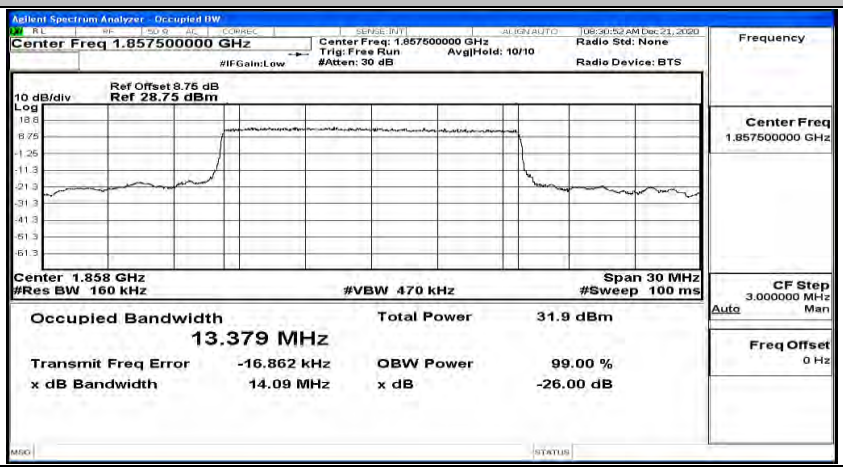
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



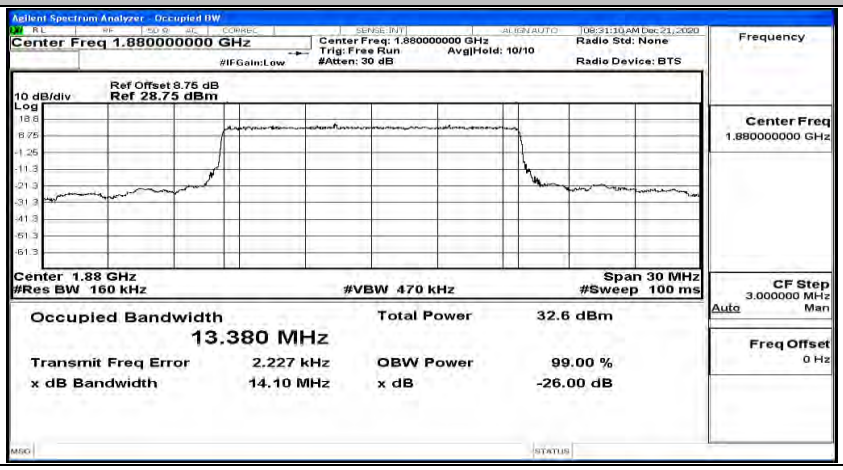
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



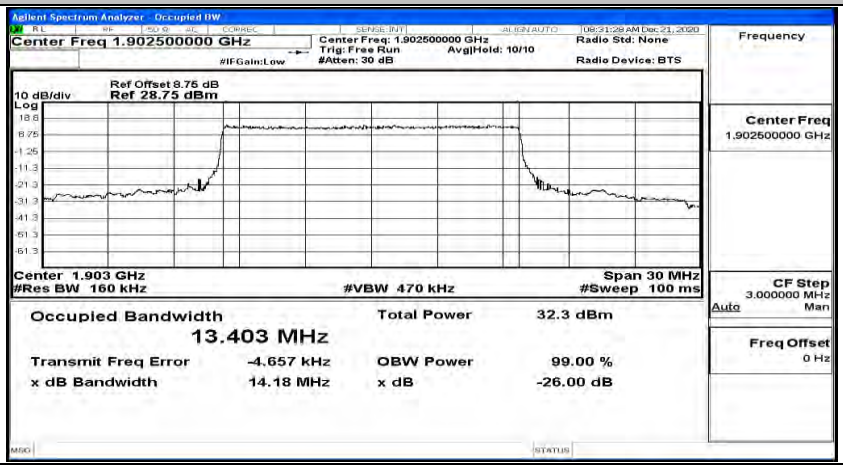
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



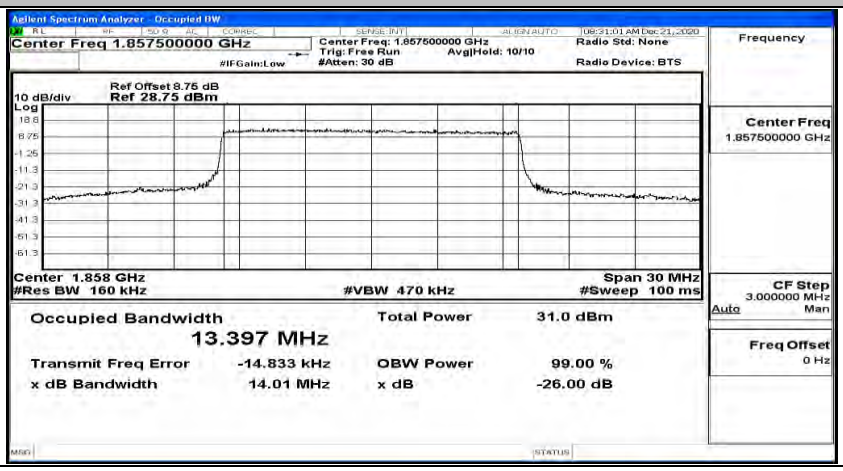
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



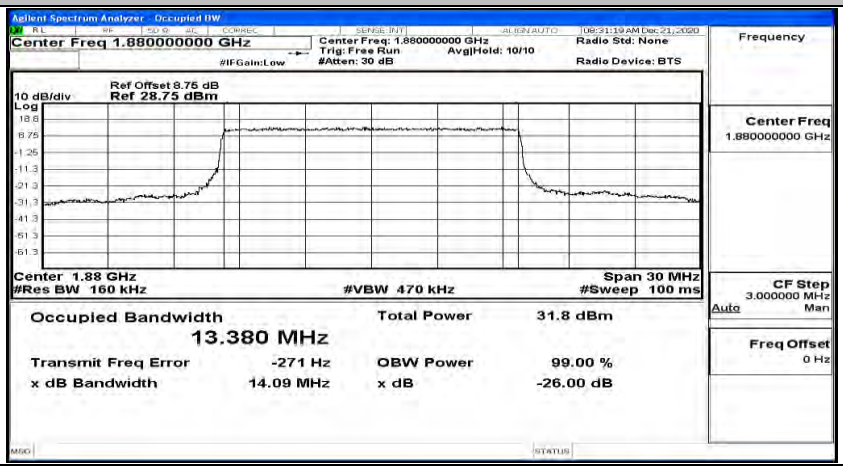
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



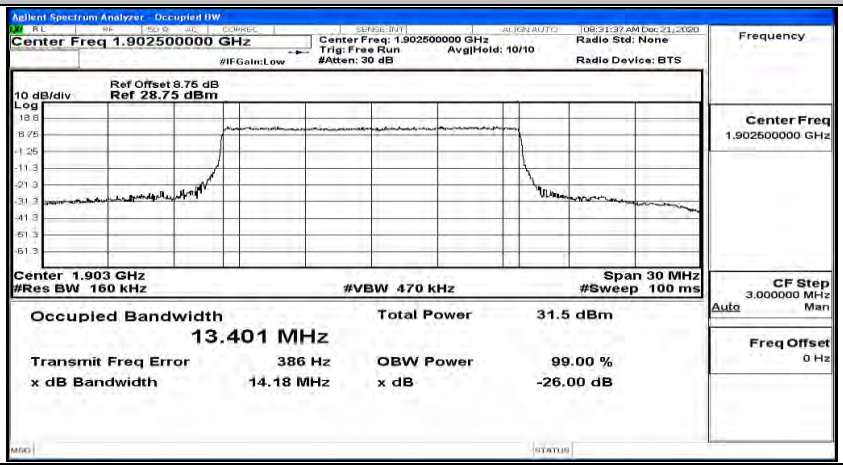
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



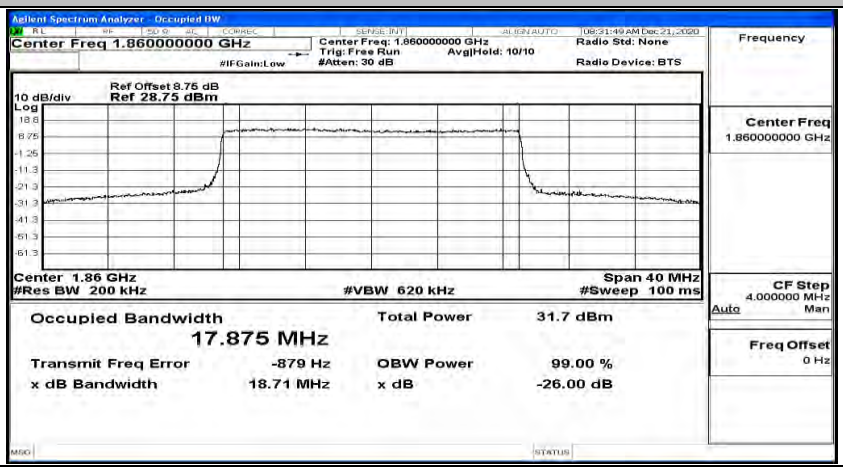
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



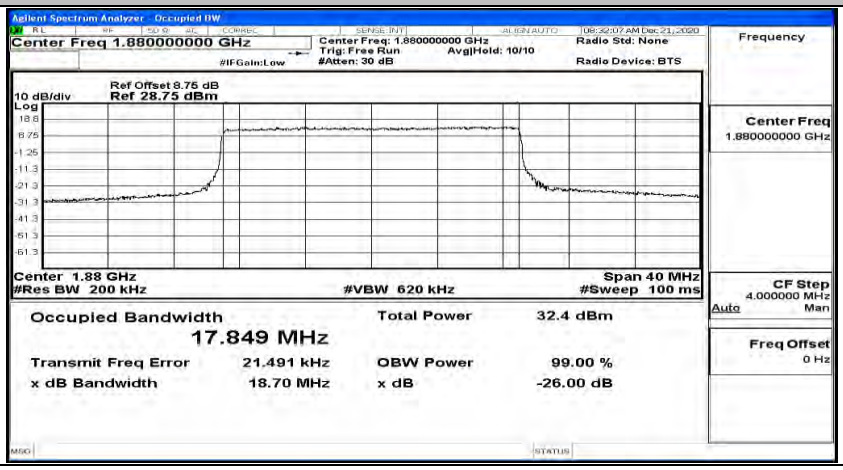
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



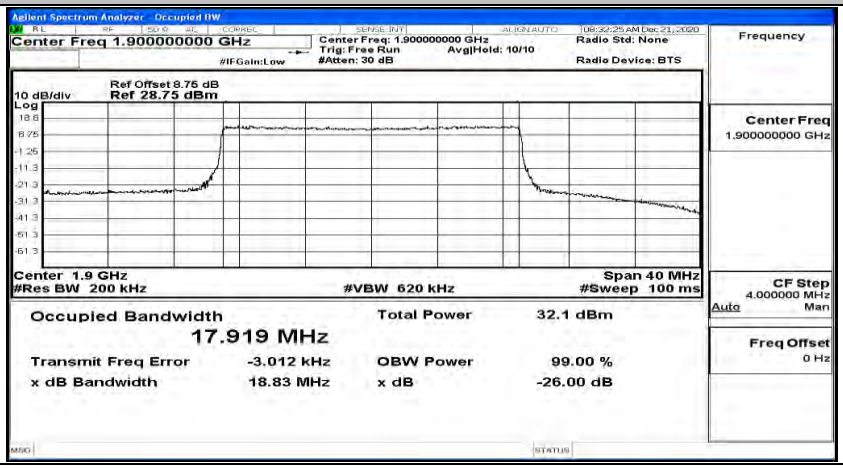
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



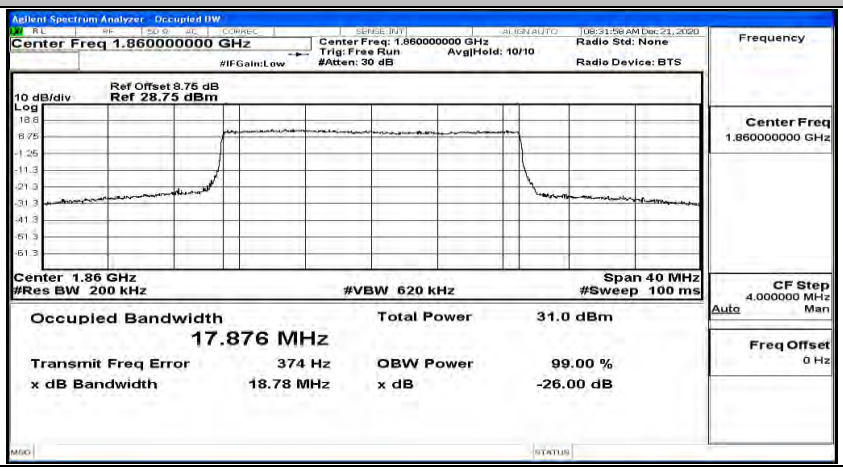
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



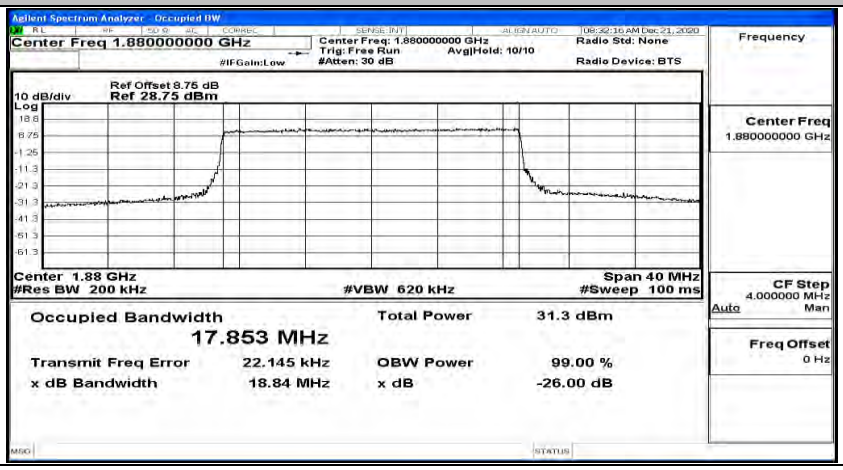
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



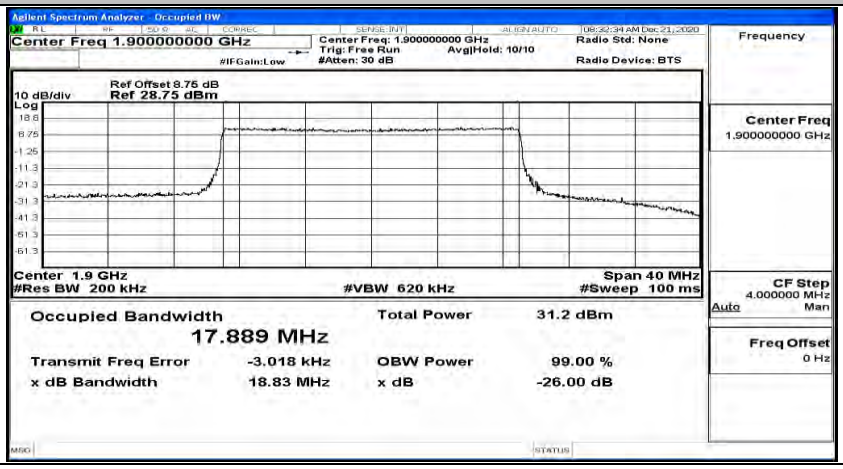
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

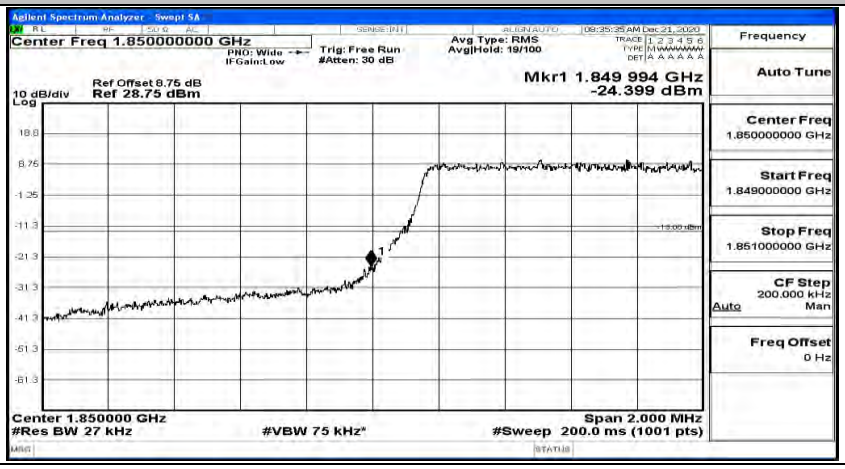


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

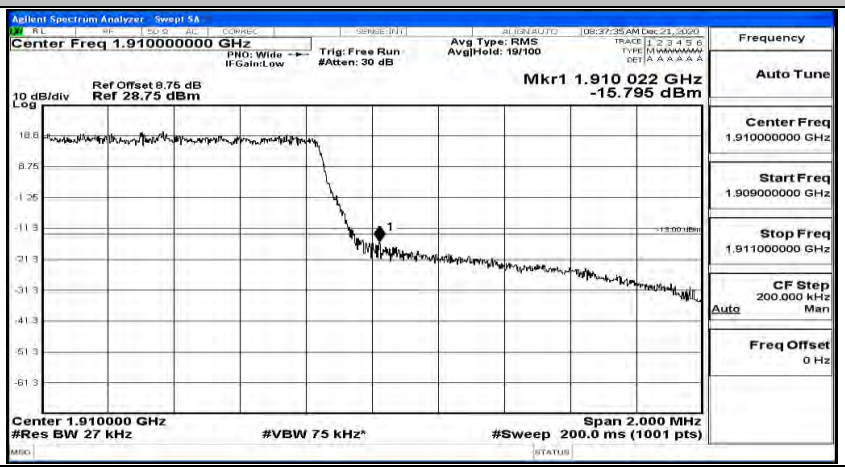


D.4 Band Edge

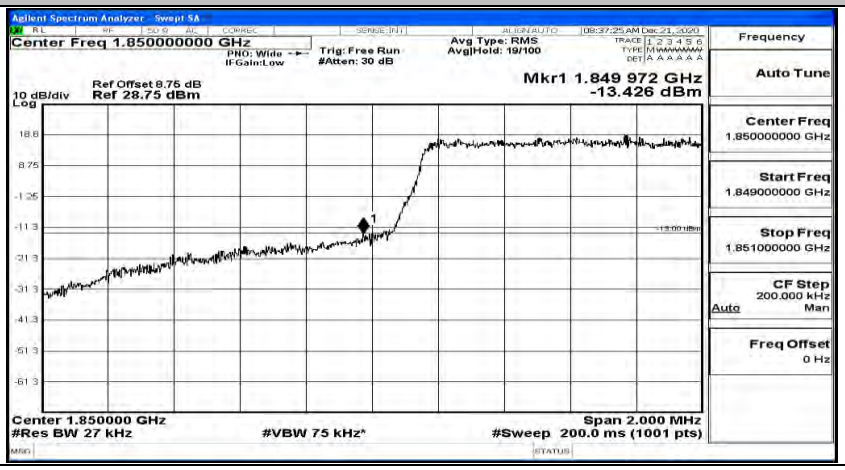
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



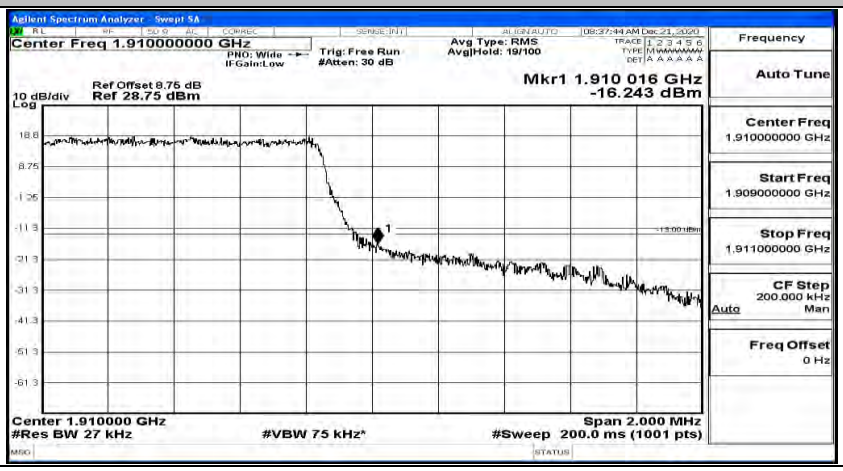
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



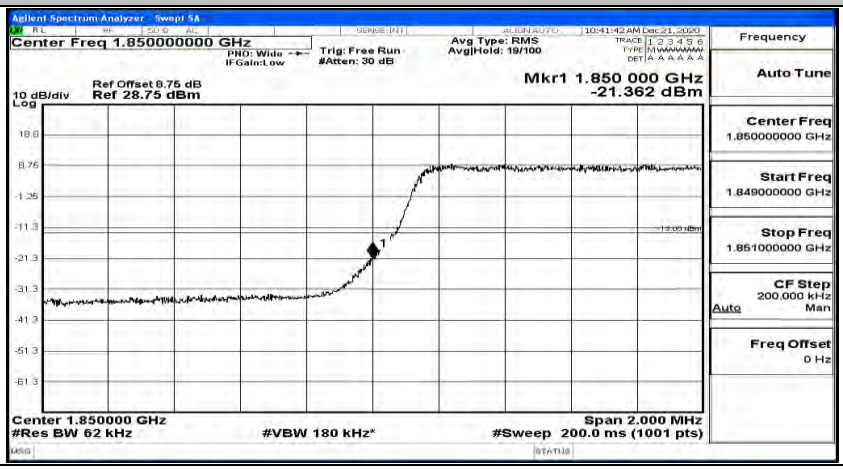
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



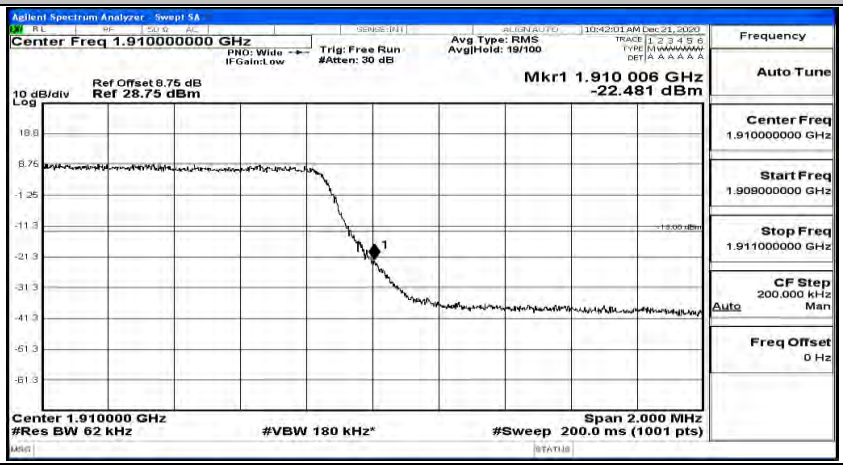
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



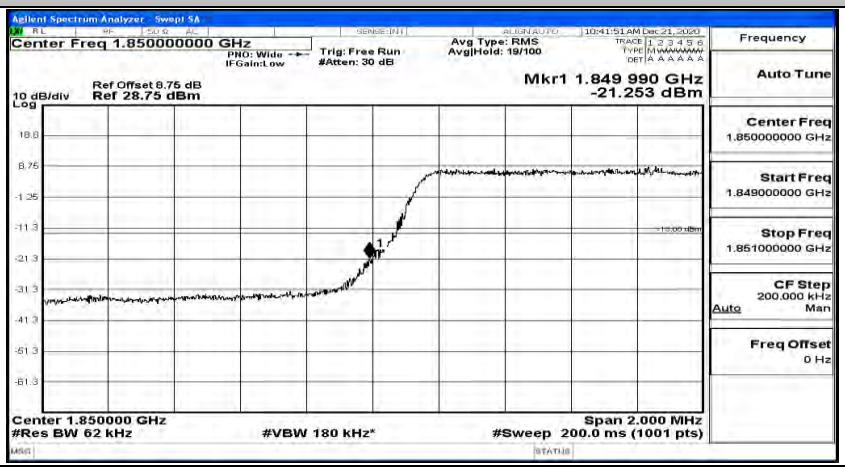
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



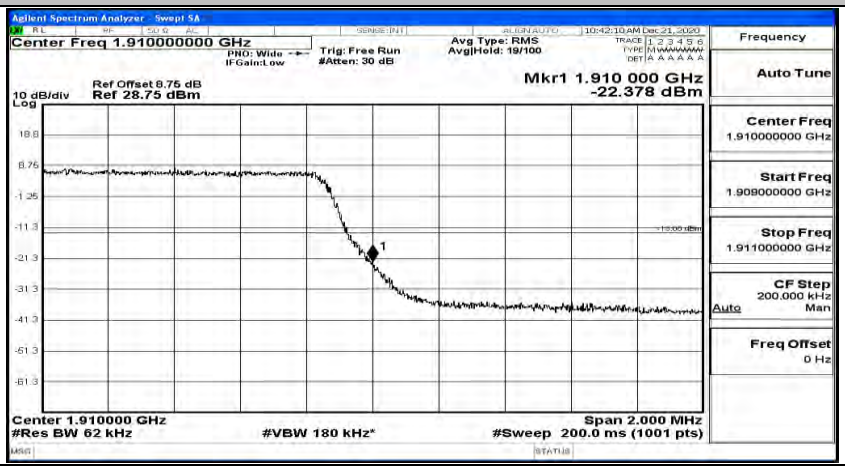
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



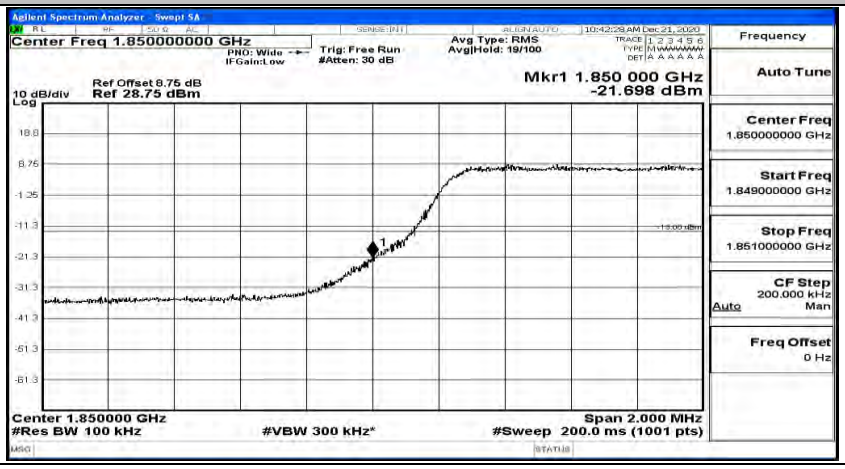
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



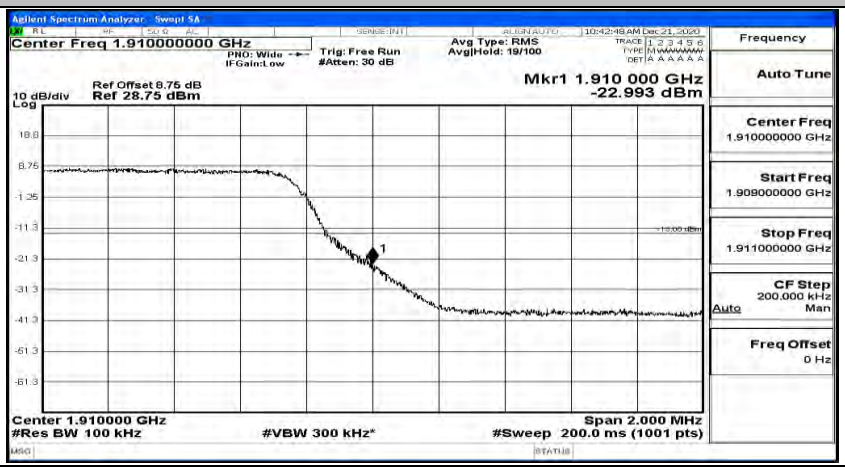
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



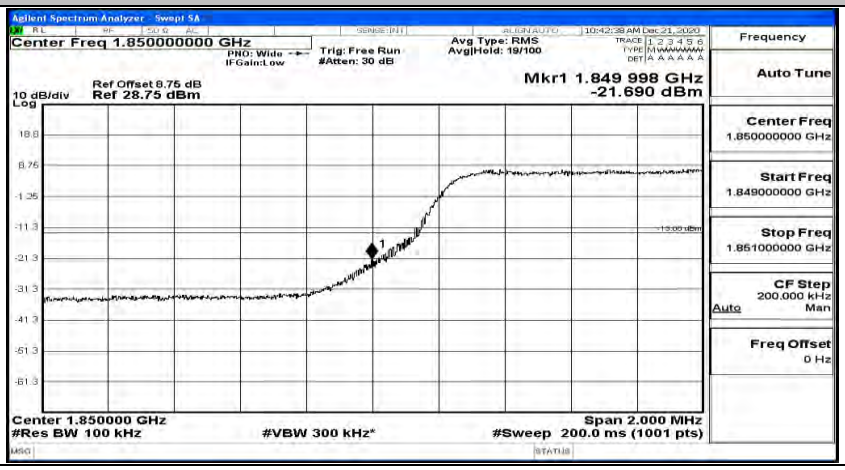
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



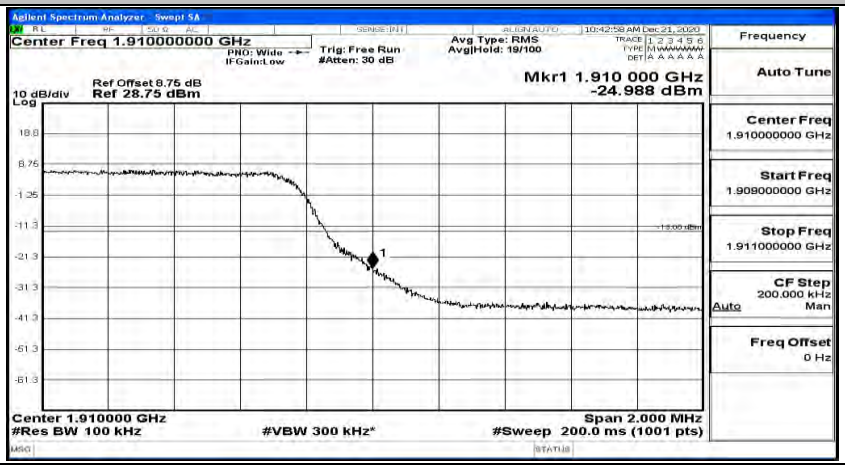
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



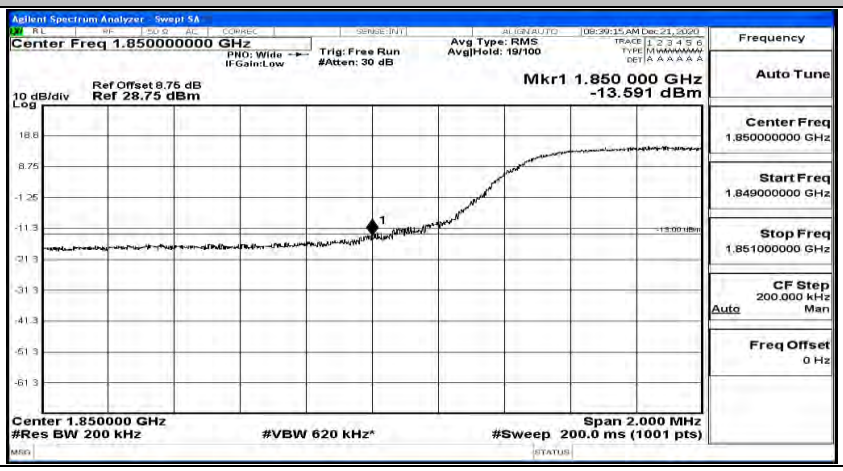
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



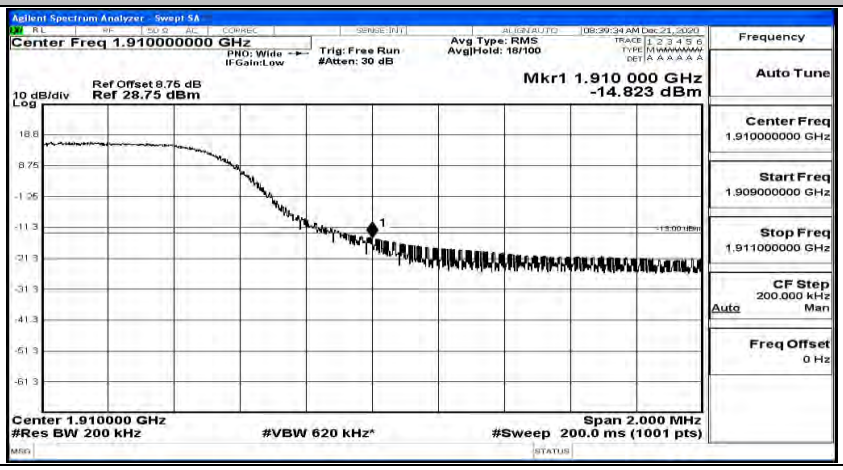
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



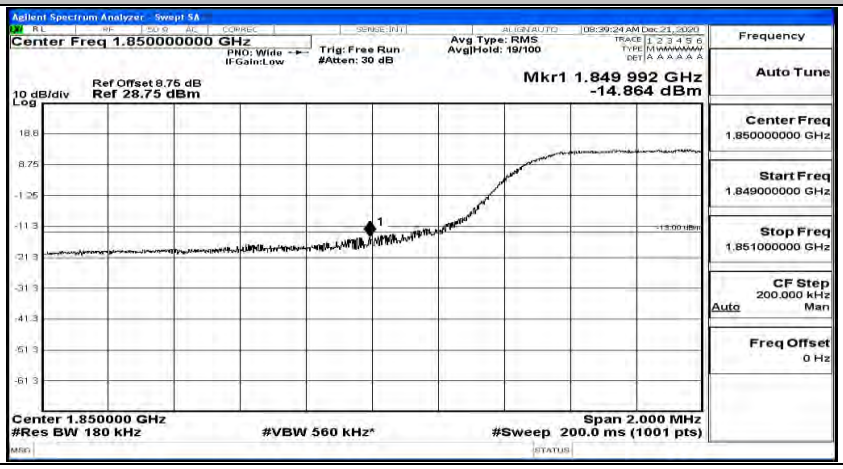
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



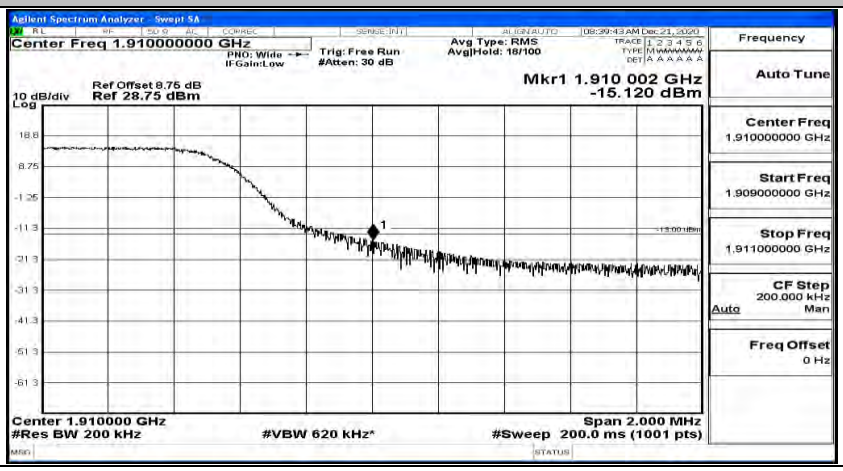
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



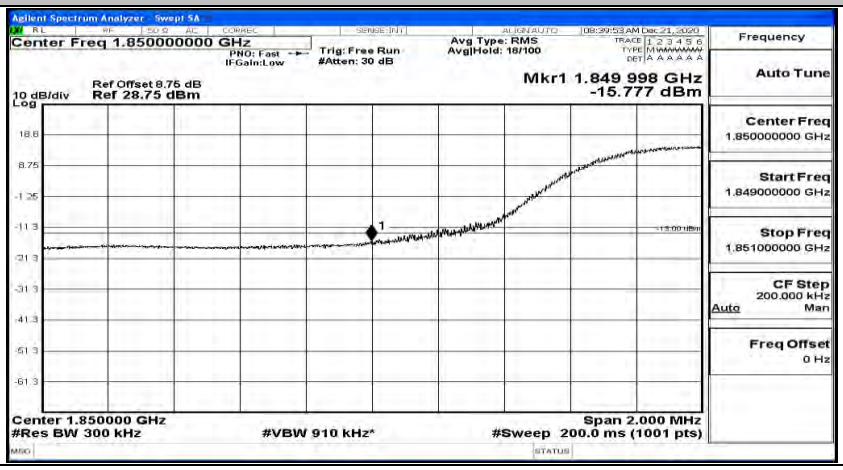
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



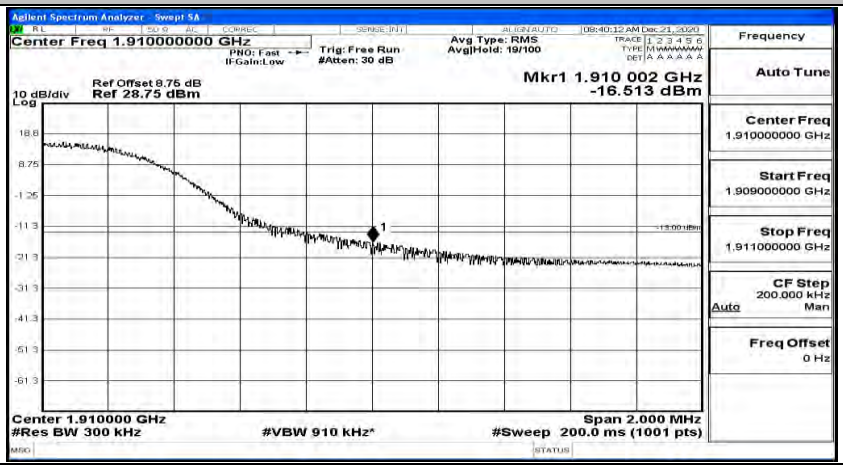
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



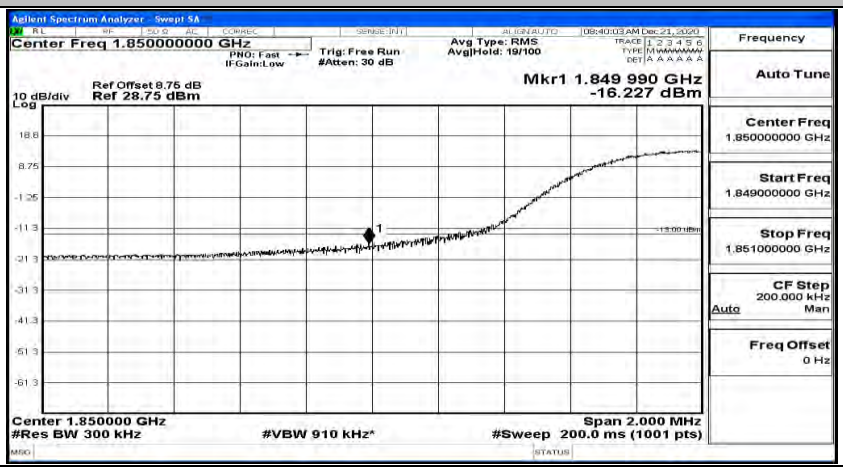
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



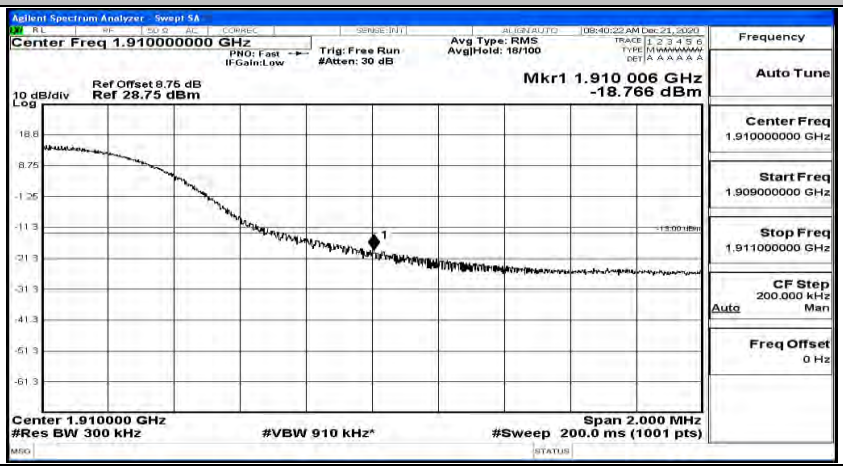
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



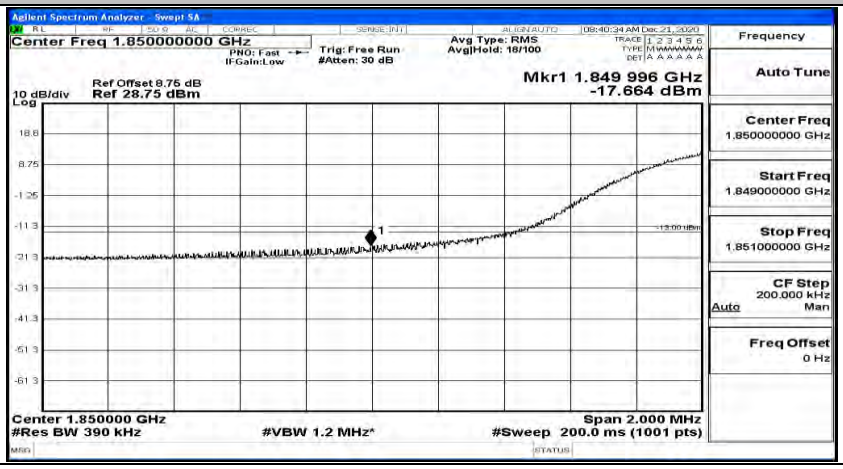
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



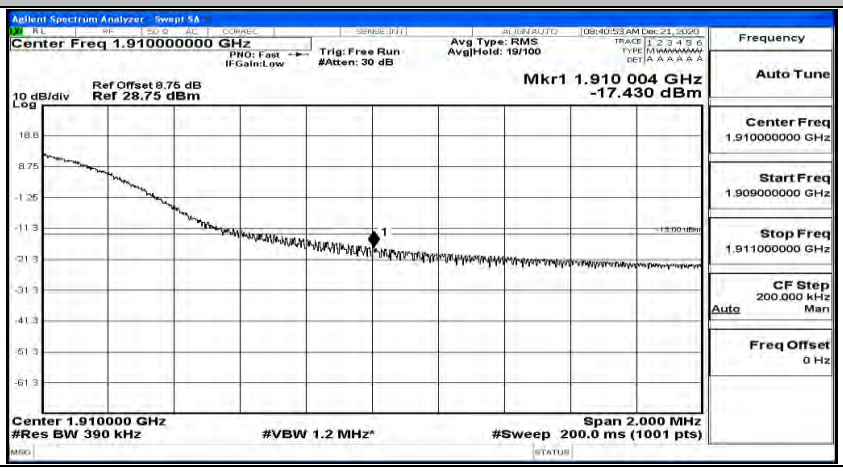
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



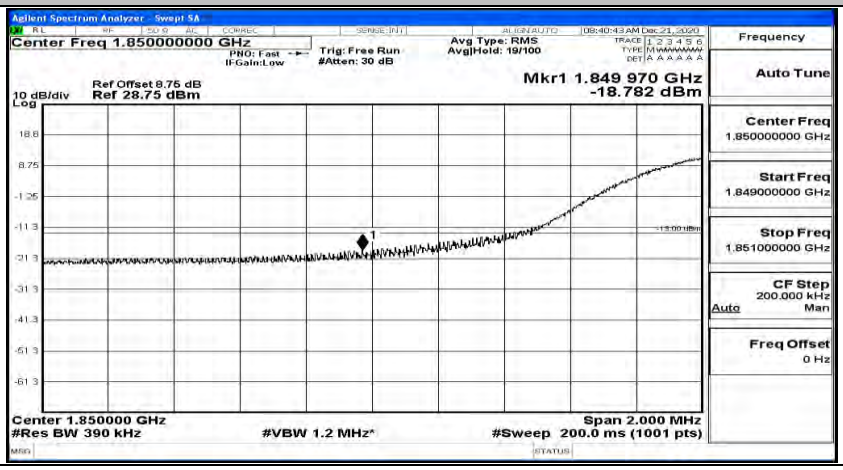
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



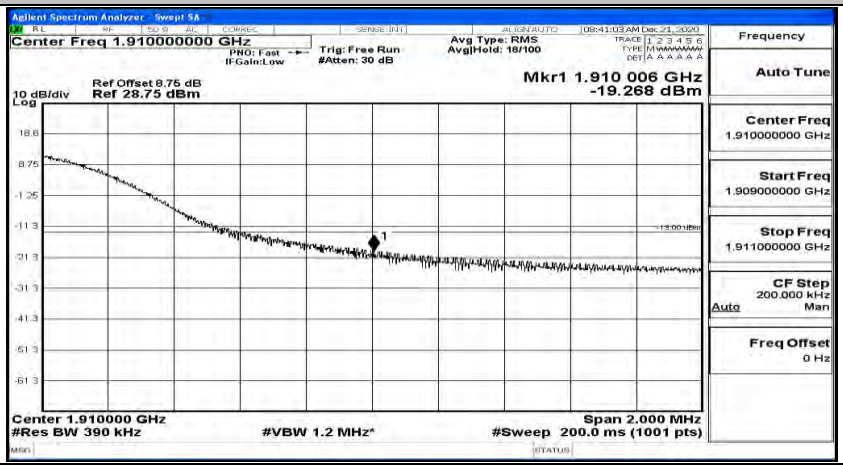
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



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

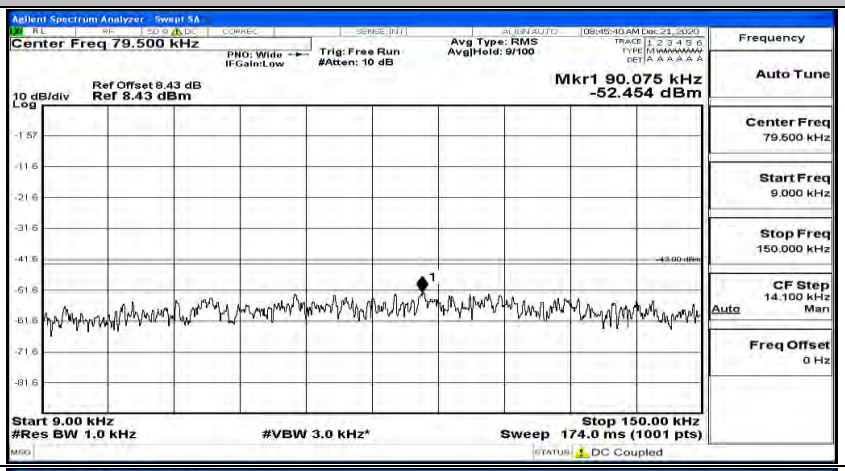


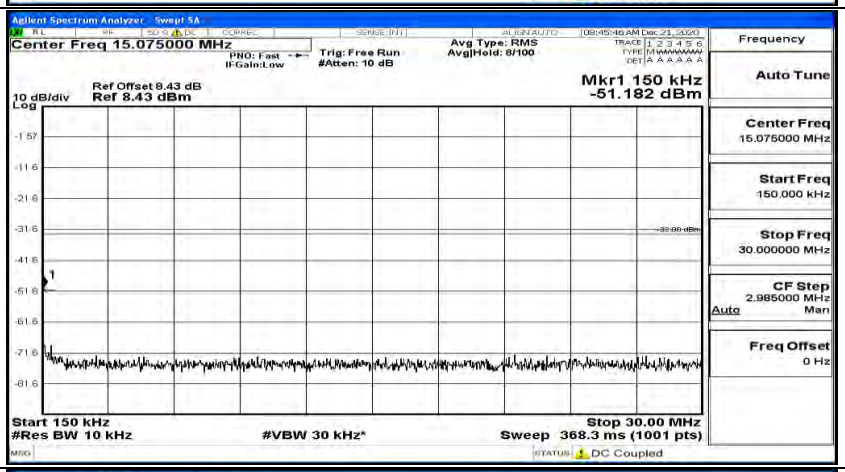
D.5 Conducted Spurious Emission

Test Graphs

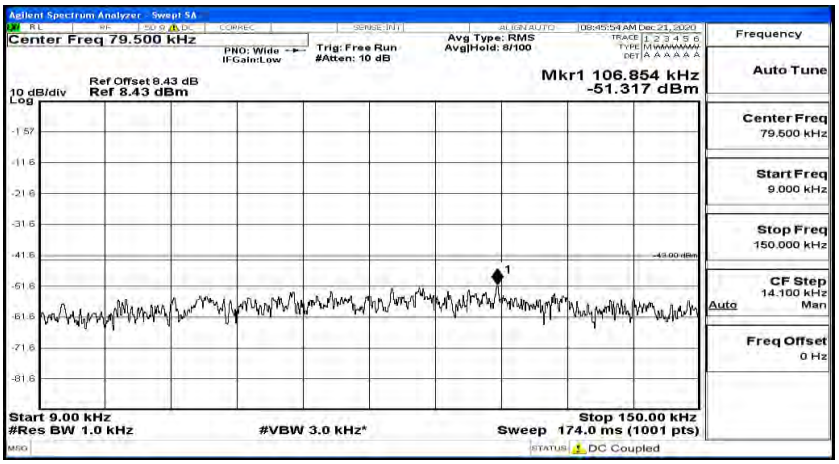
Channel Bandwidth: 1.4 MHz

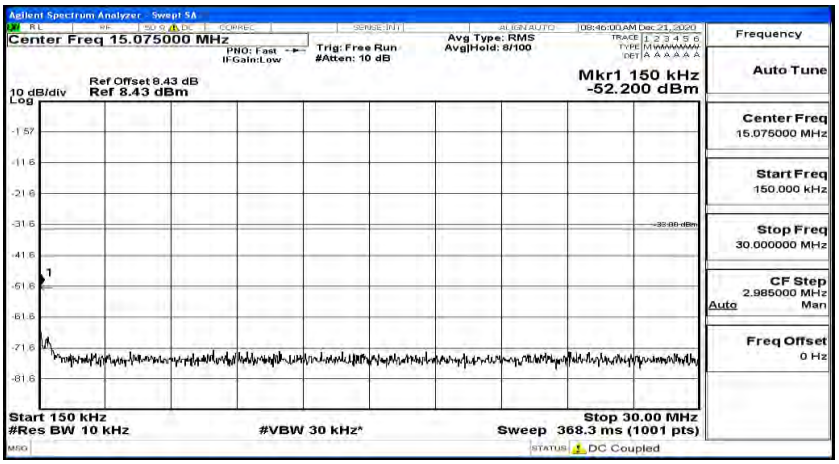
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



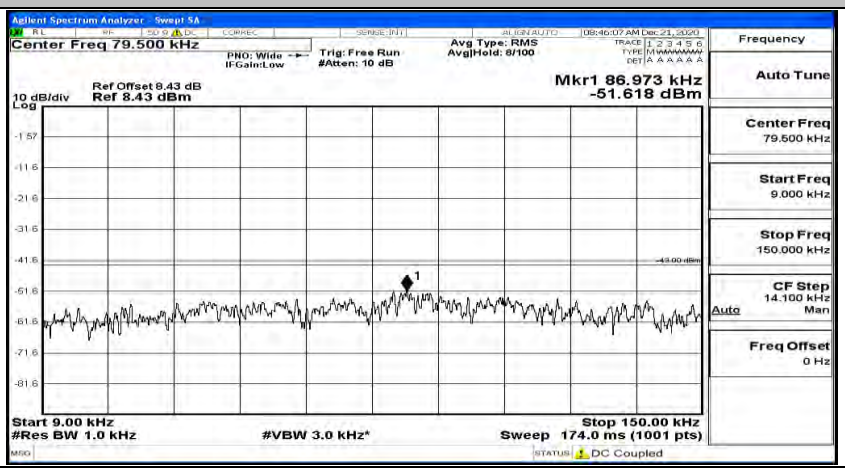


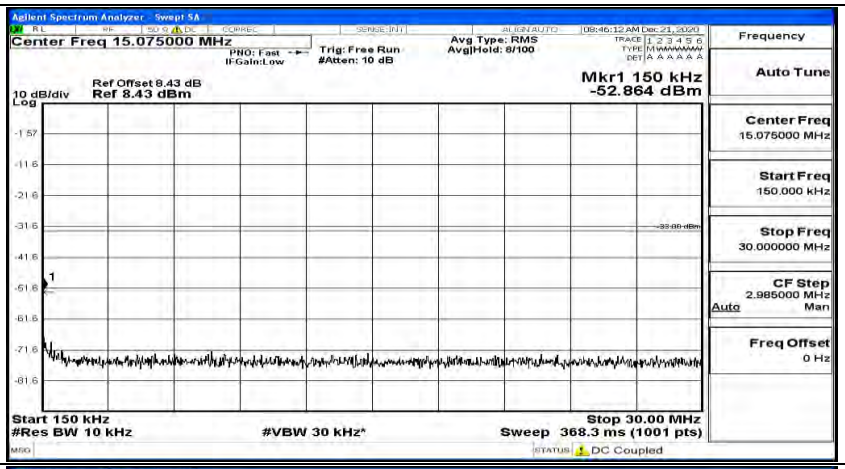
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



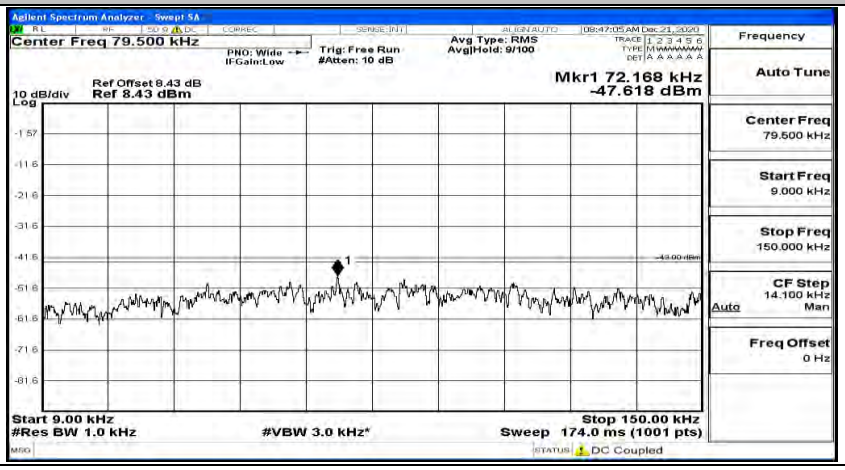


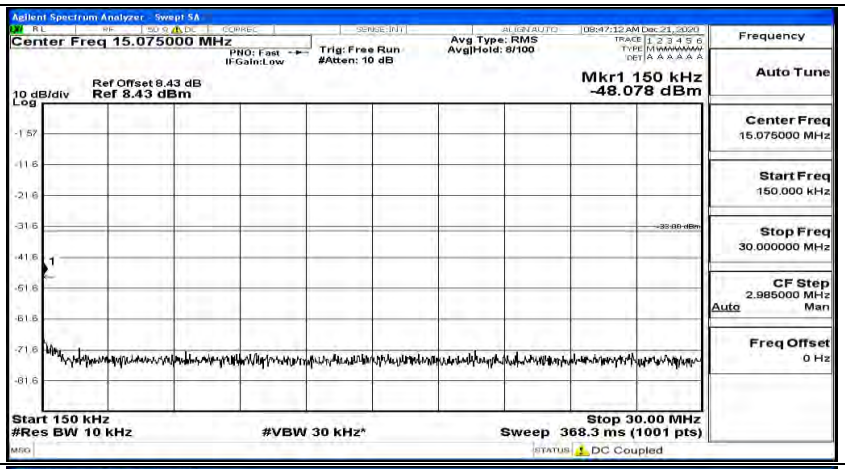
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



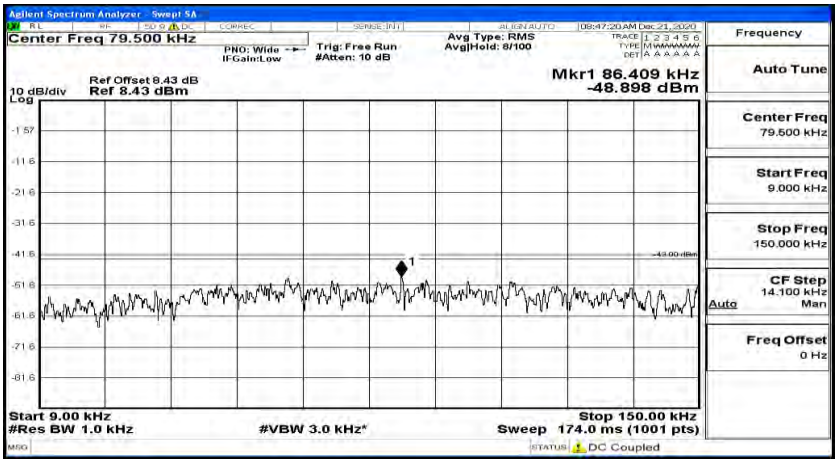


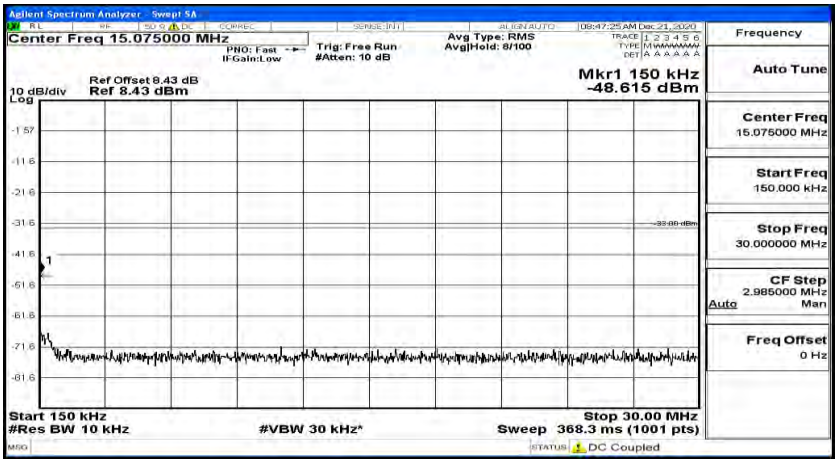
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



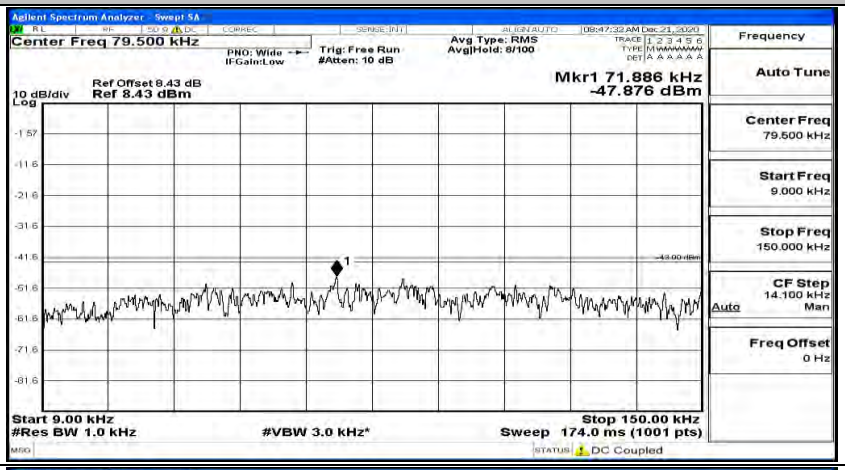


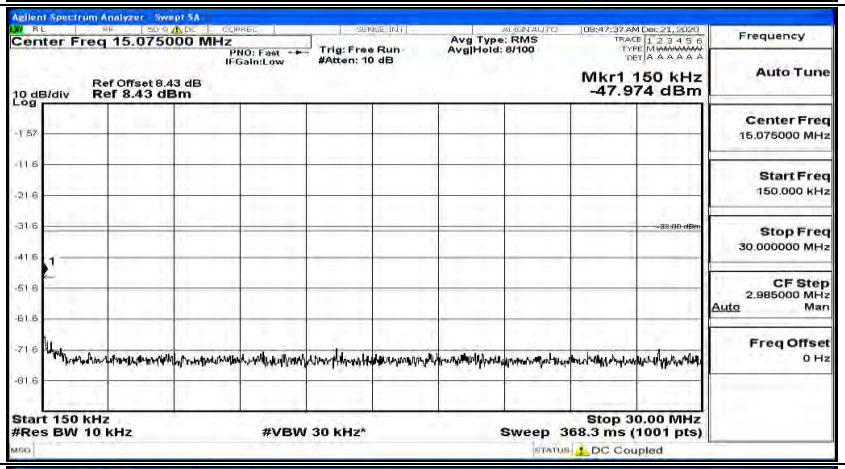
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



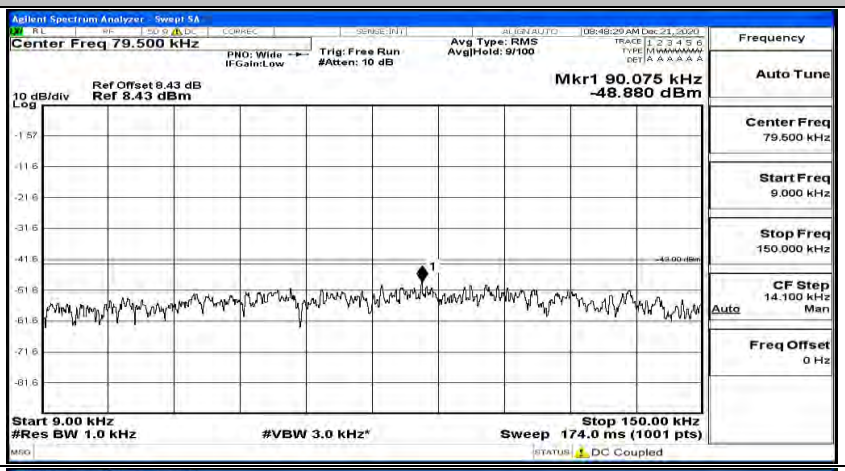


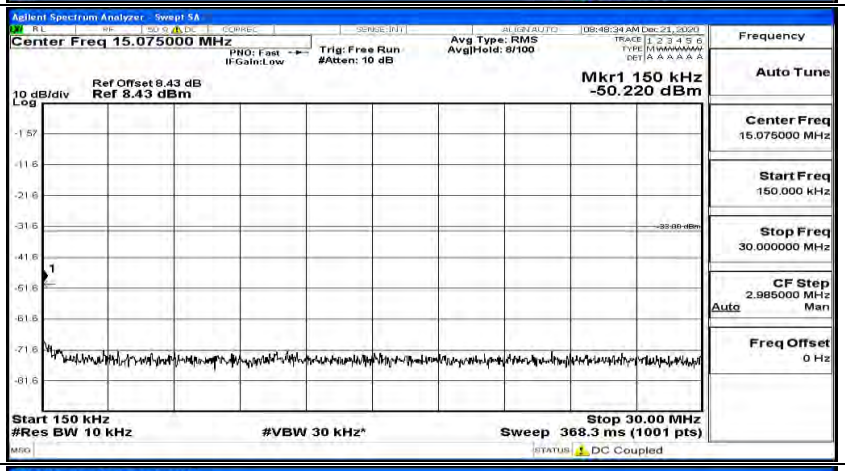
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



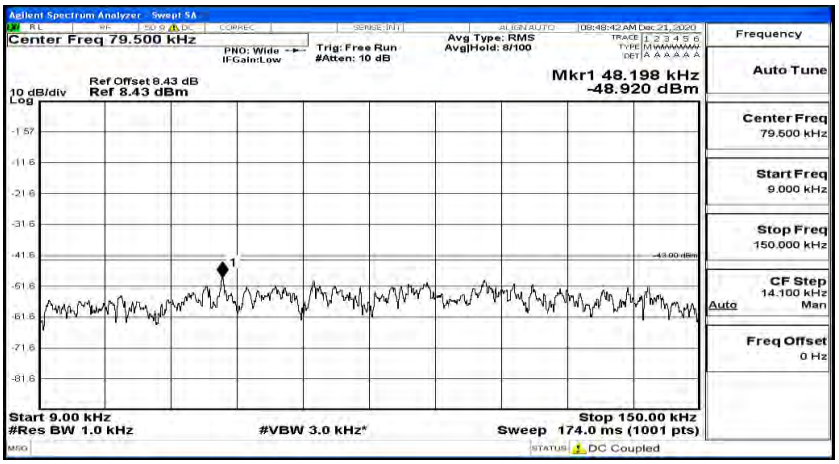


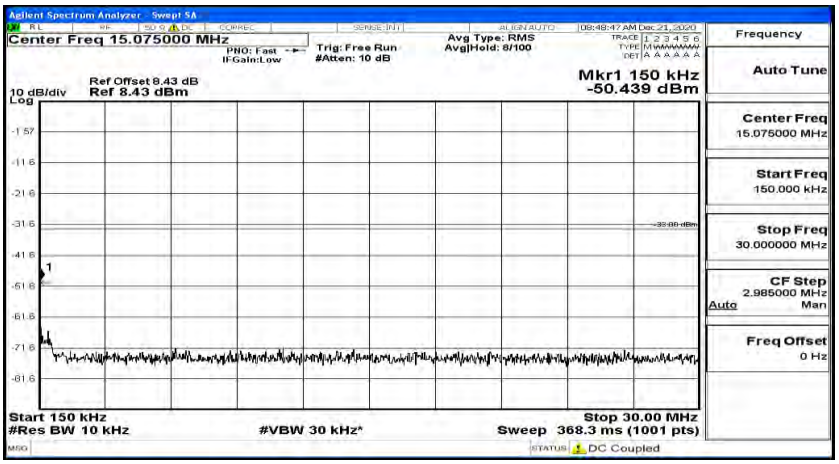
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



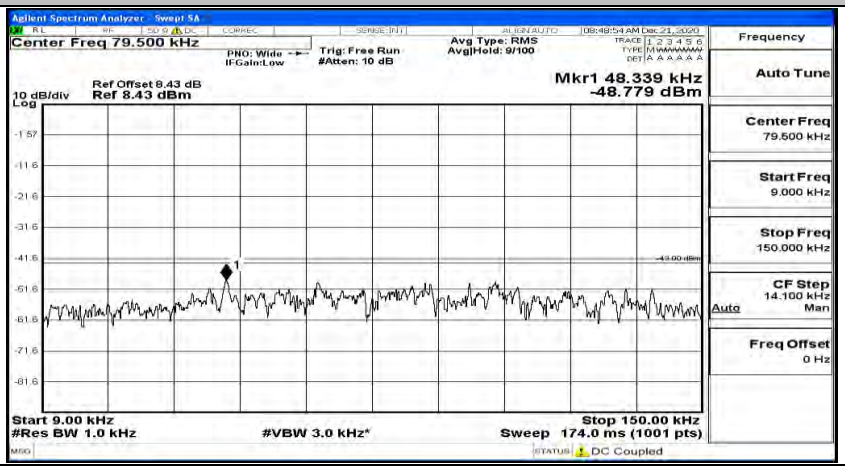


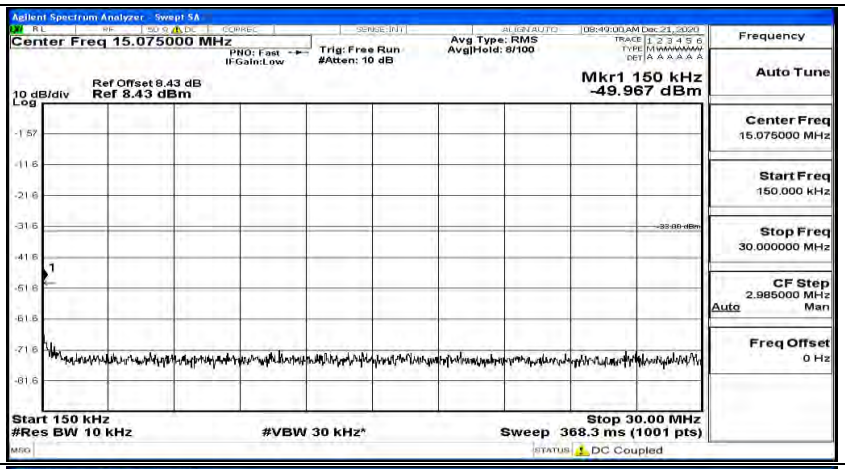
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



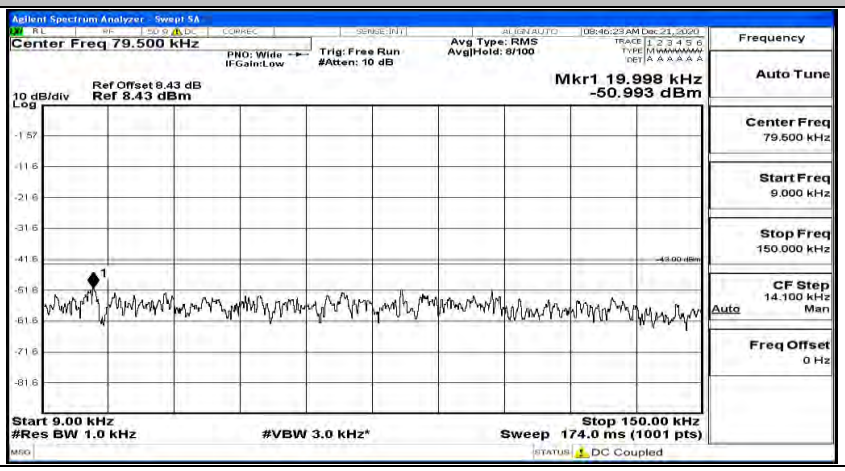


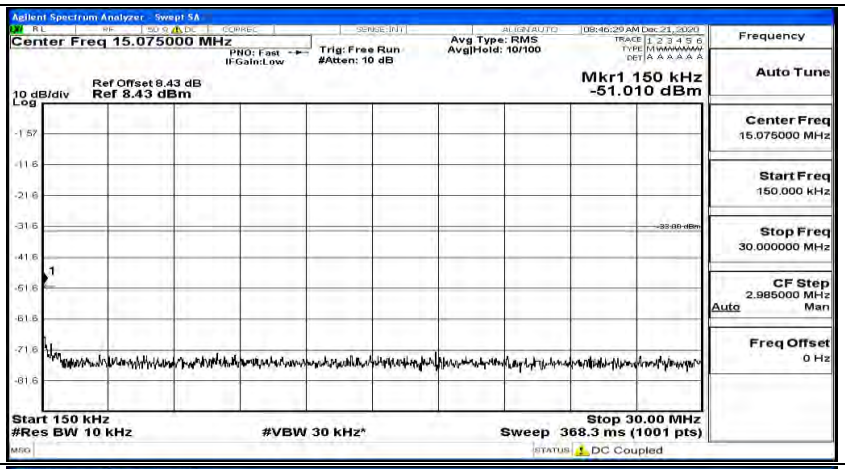
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



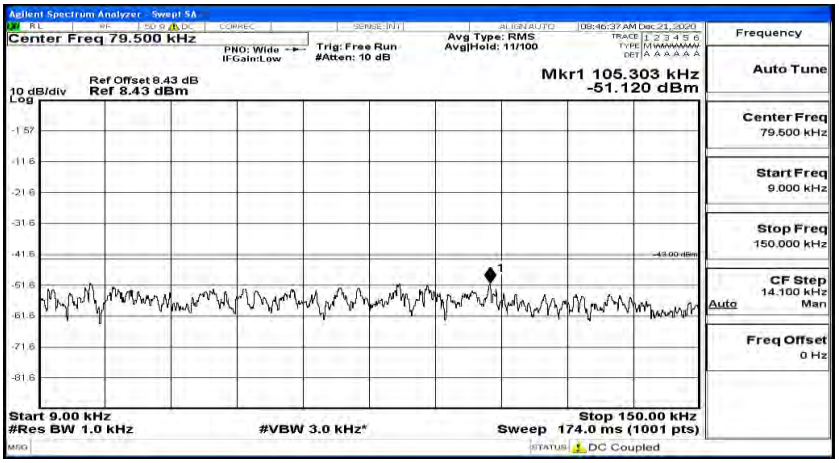


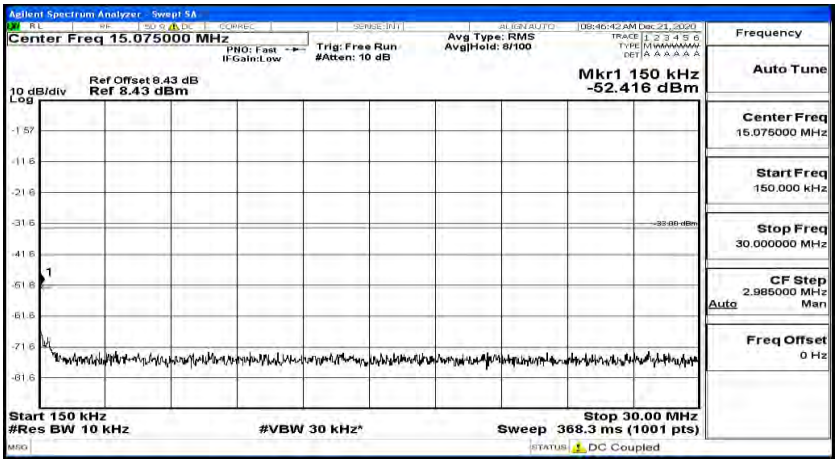
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



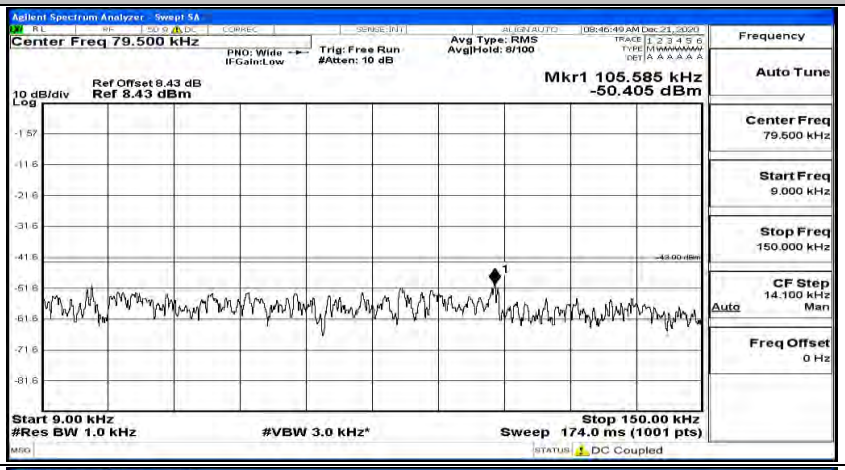


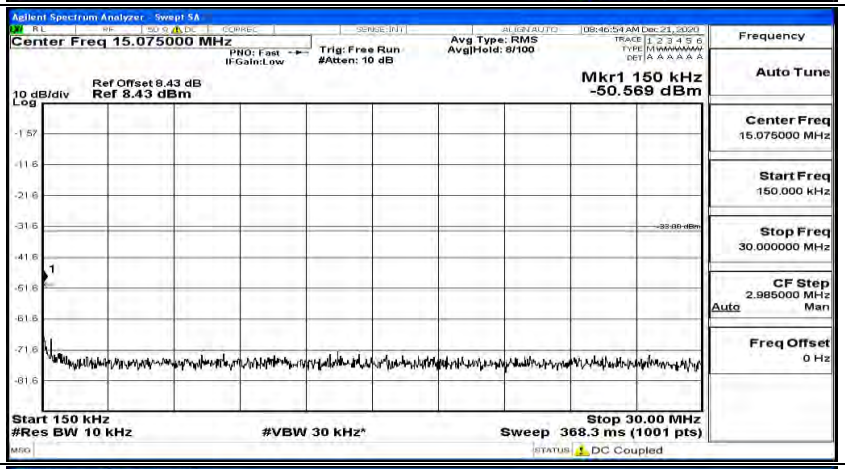
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



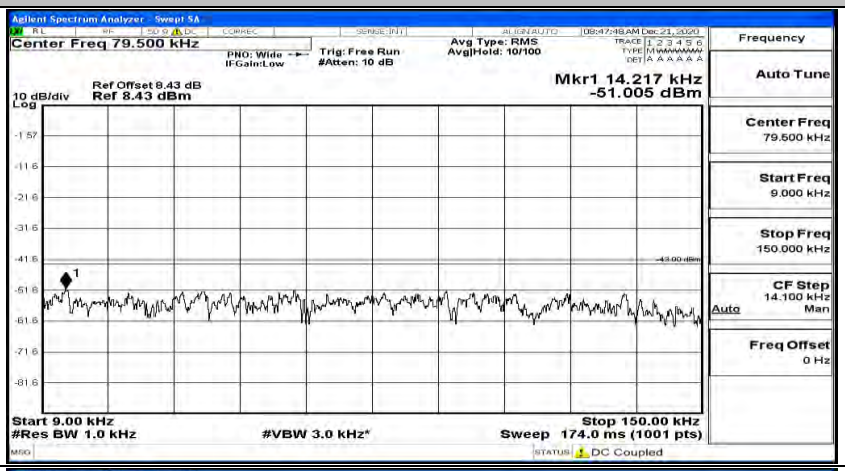


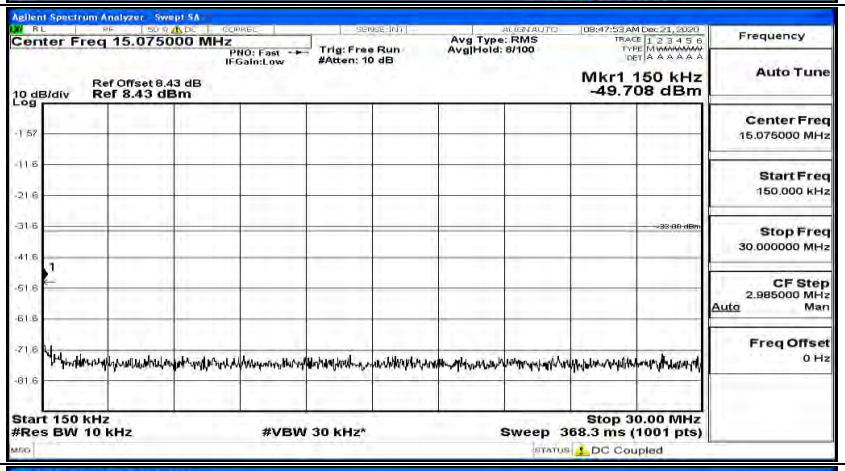
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



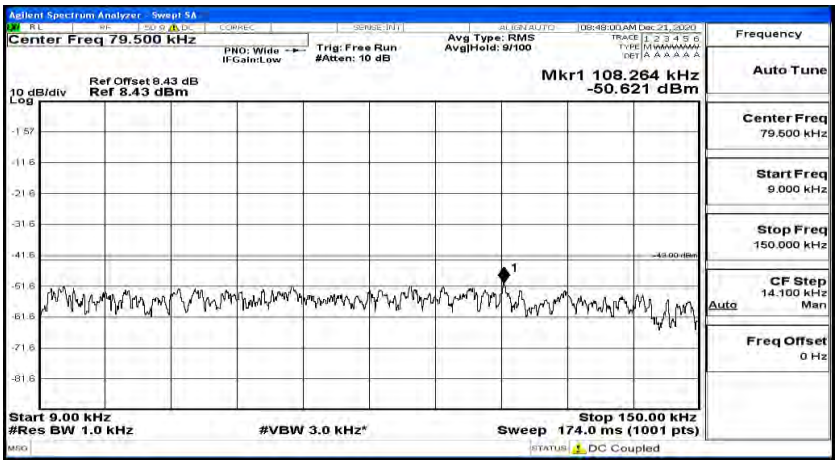


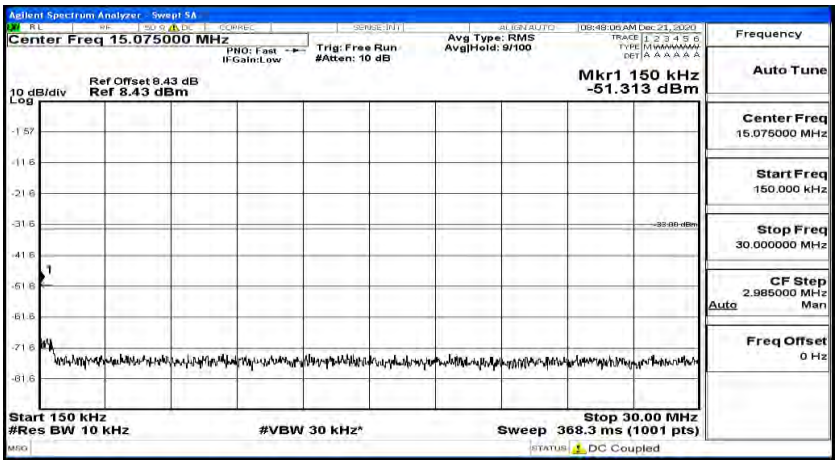
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



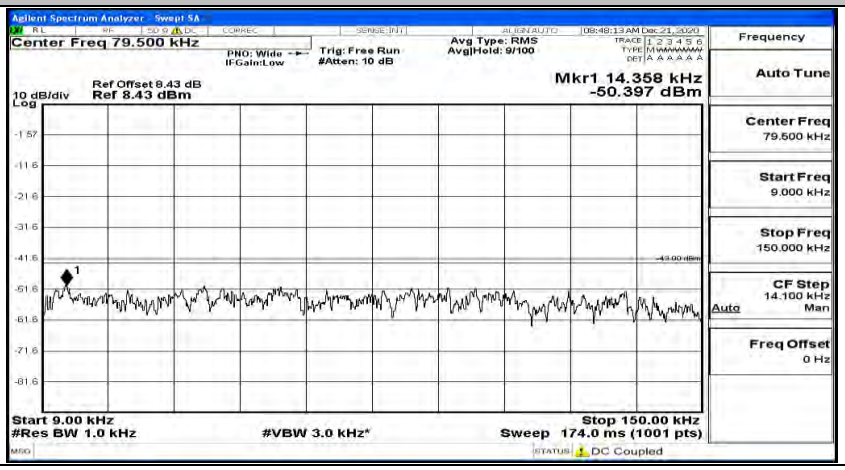


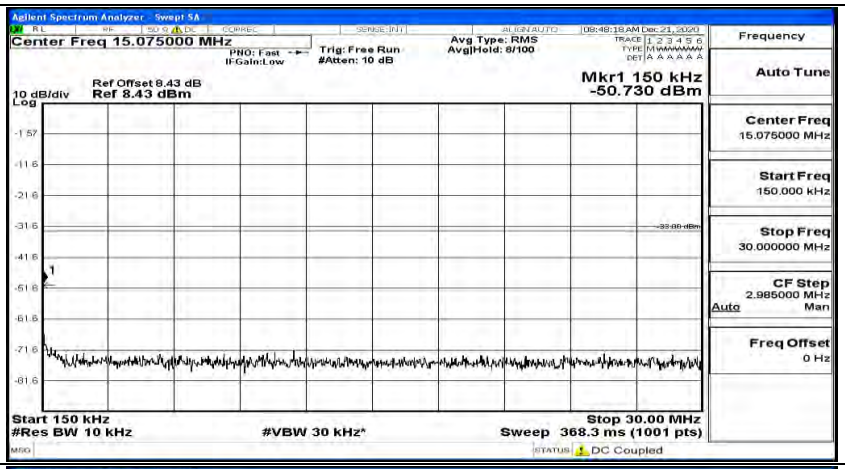
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



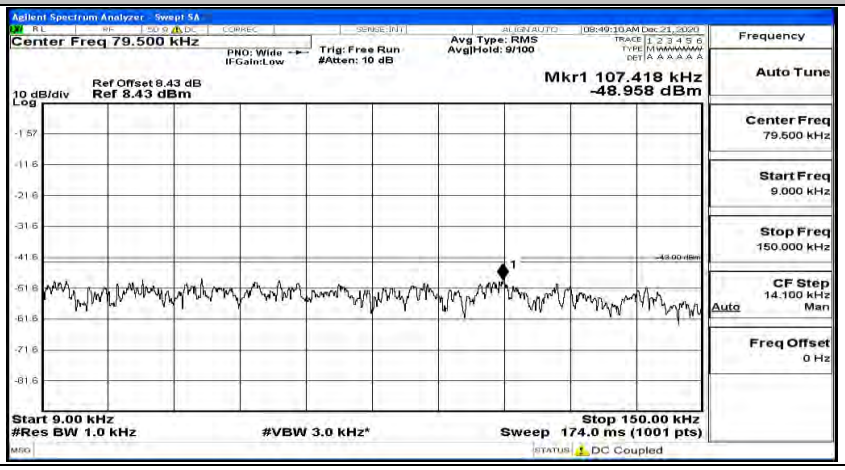


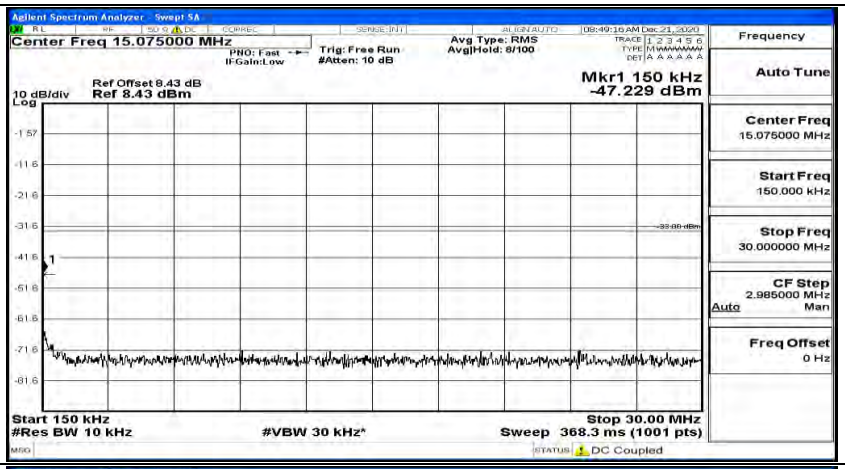
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



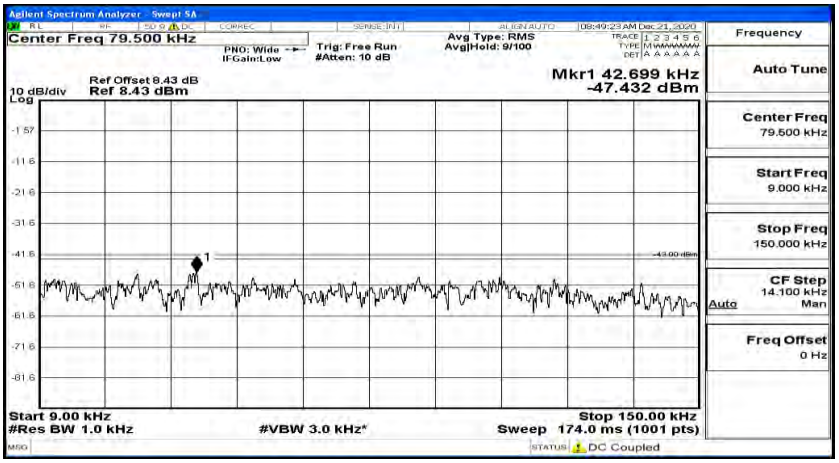


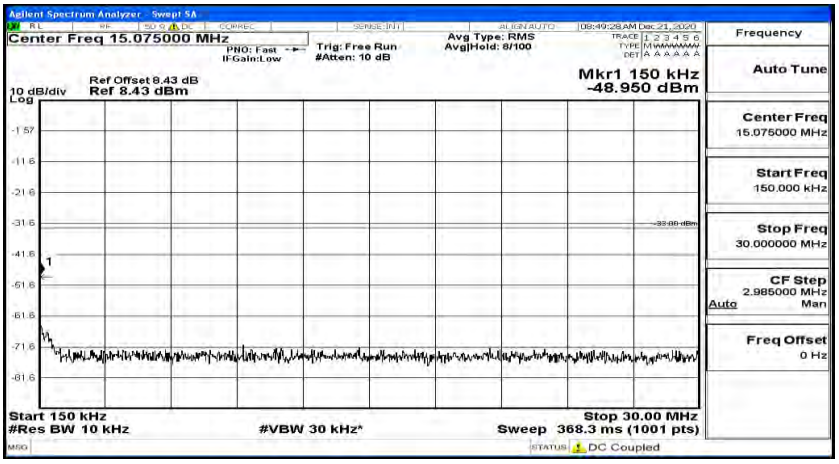
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



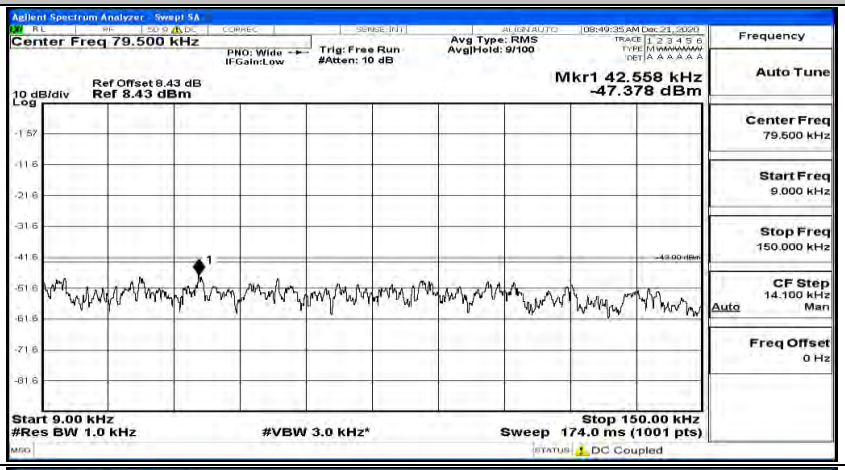


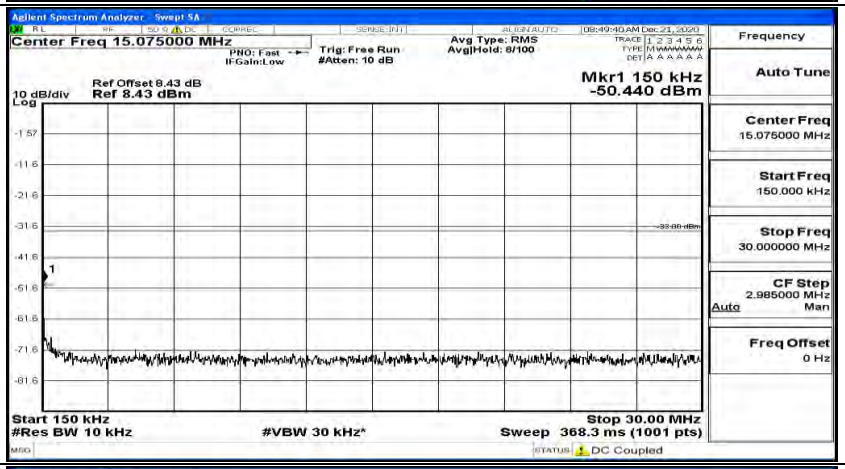
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



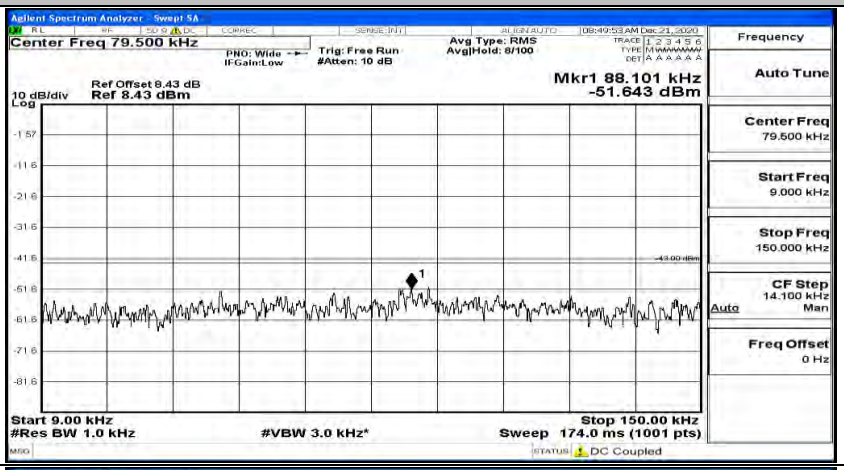
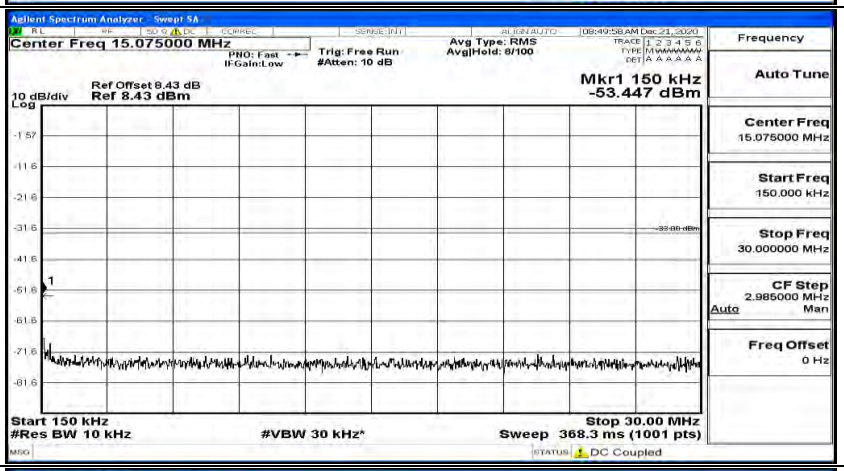


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

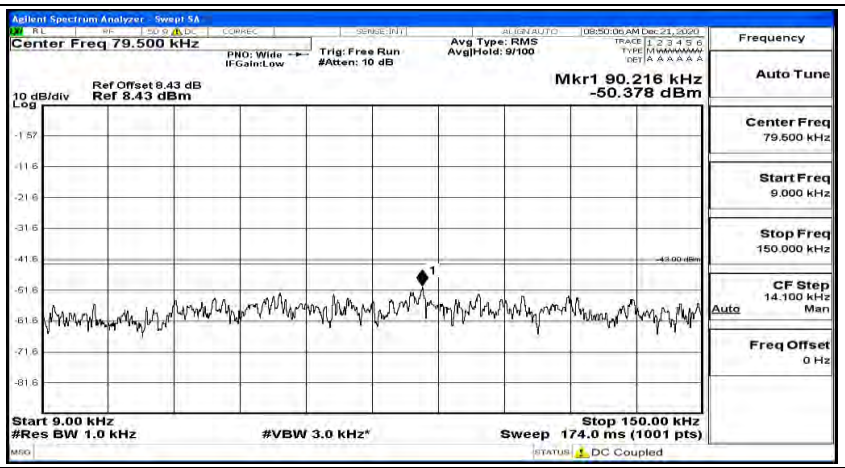


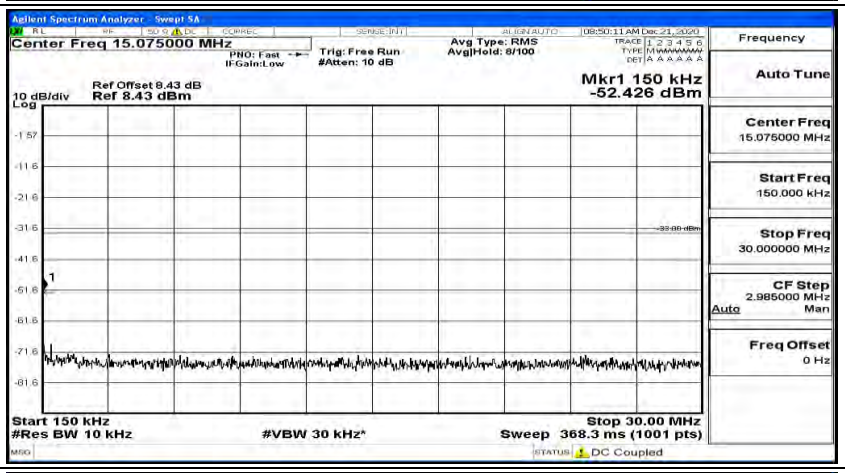


Channel Bandwidth: 3 MHz

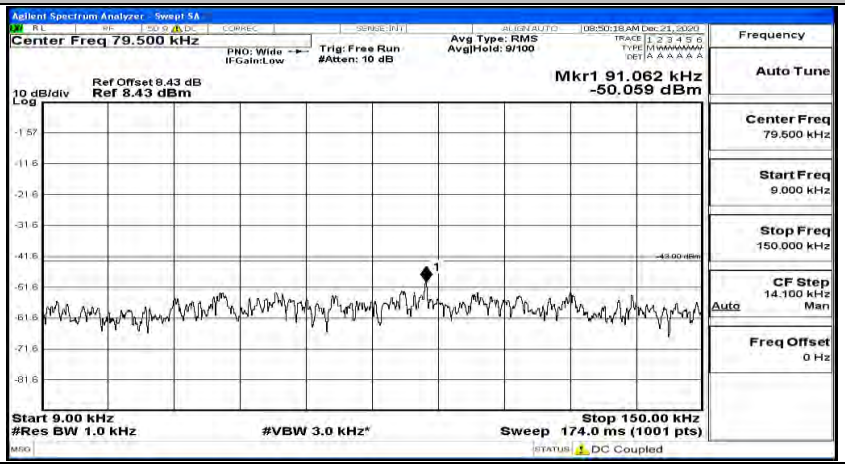
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



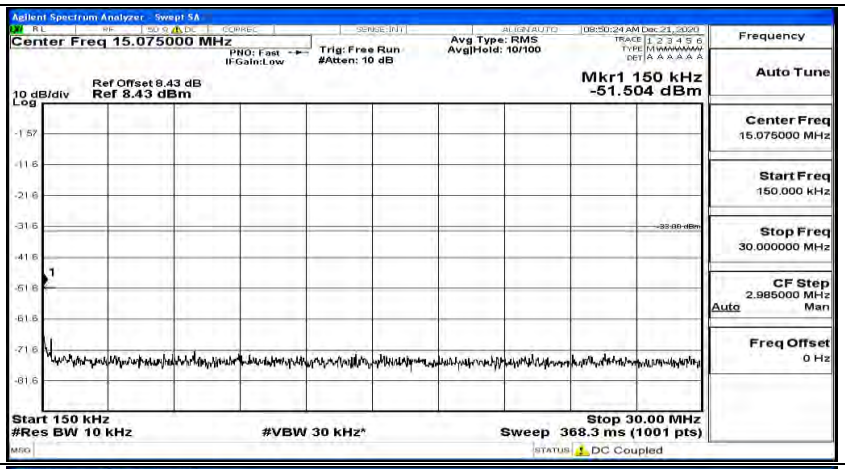
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



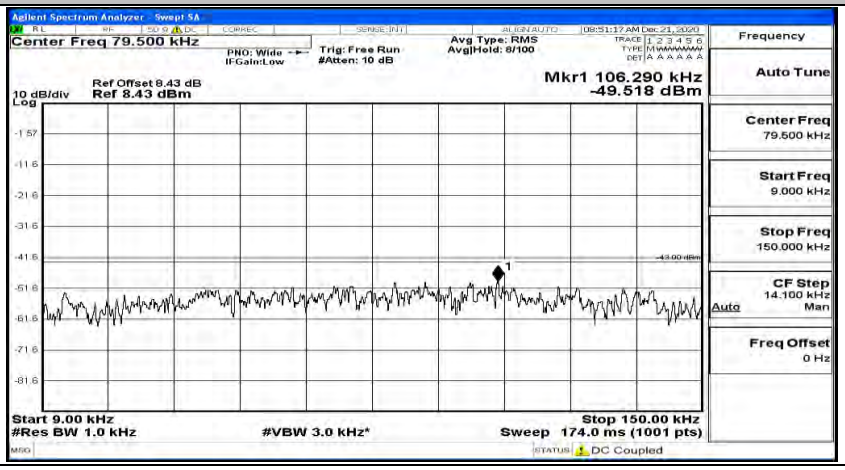


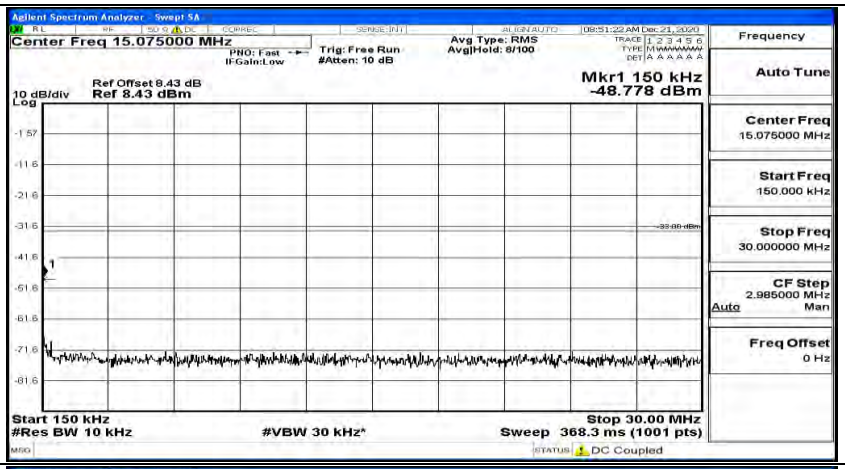
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



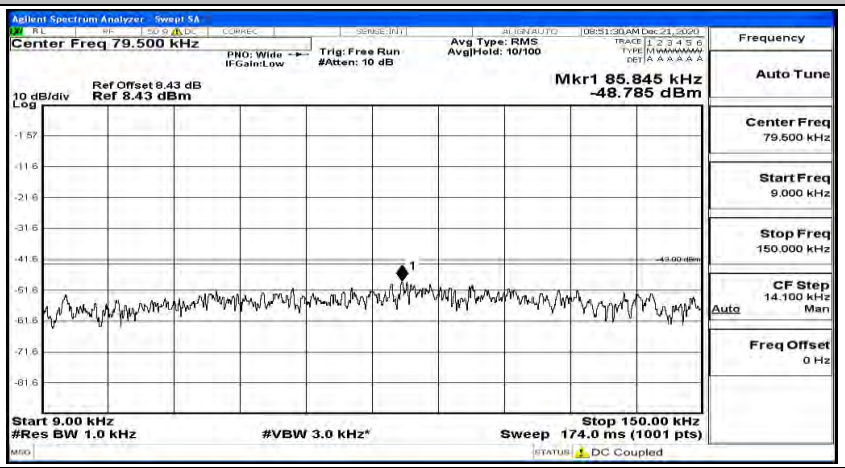


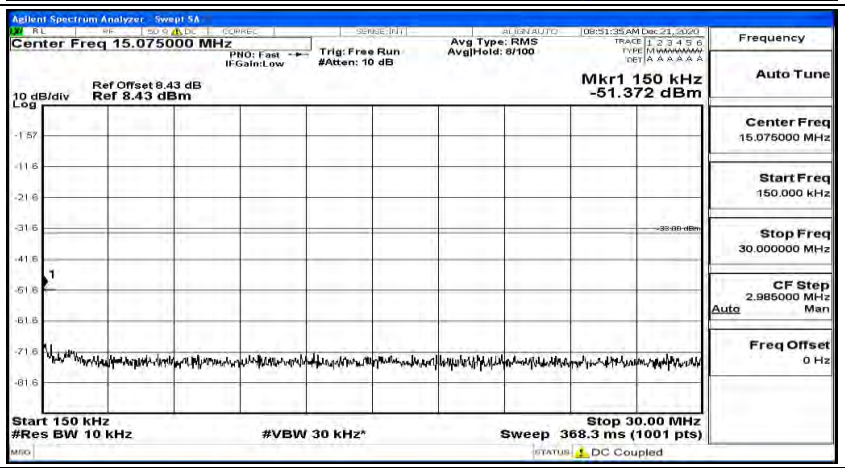
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

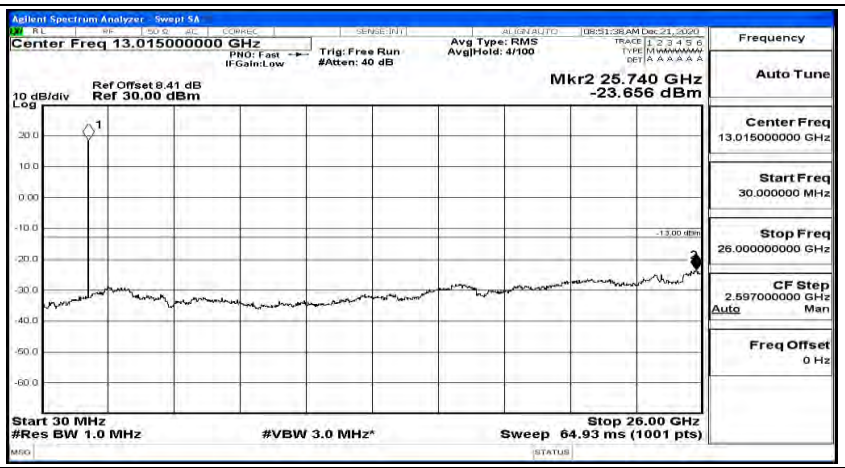




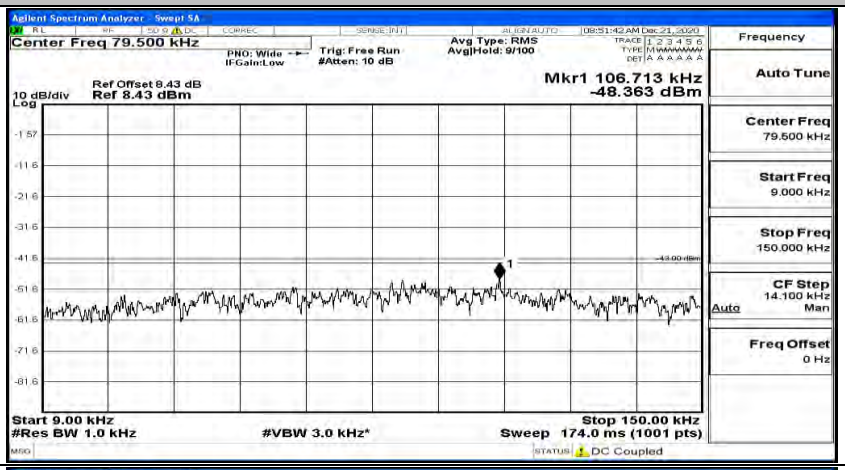
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

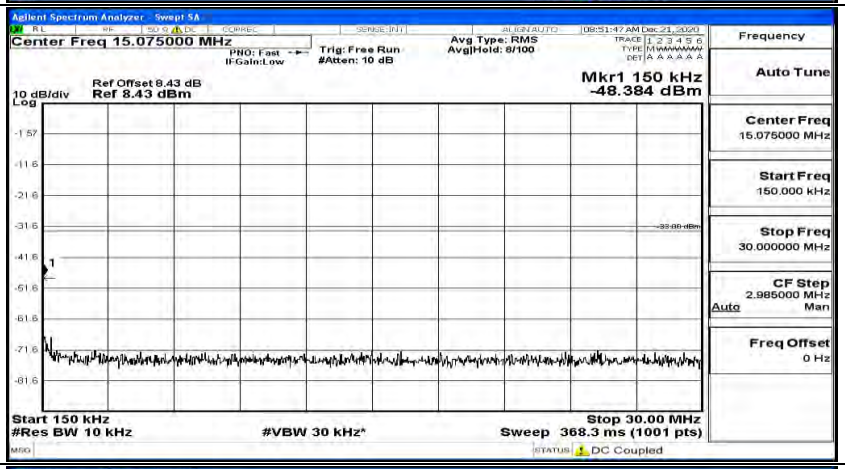




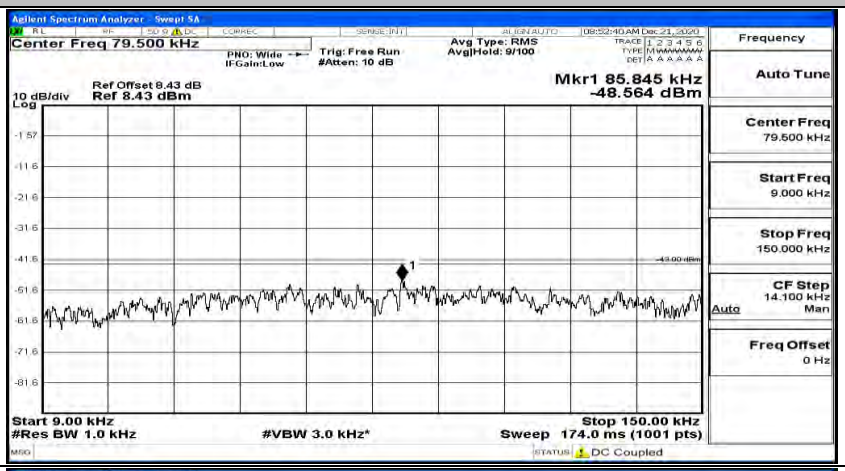


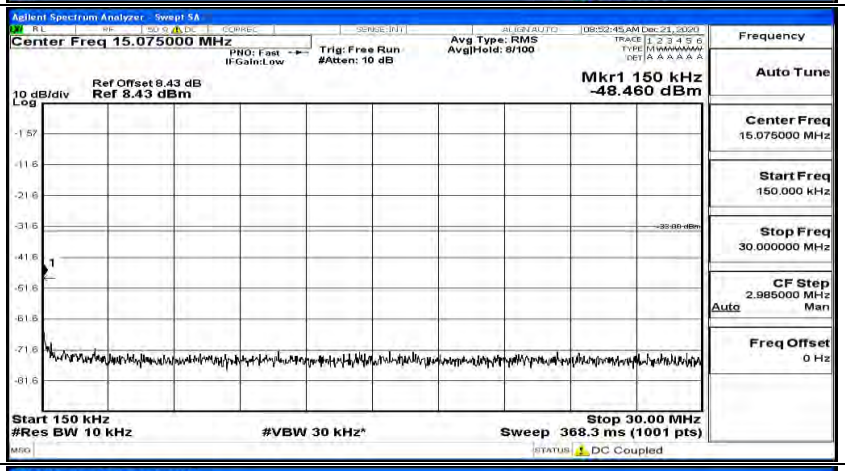
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



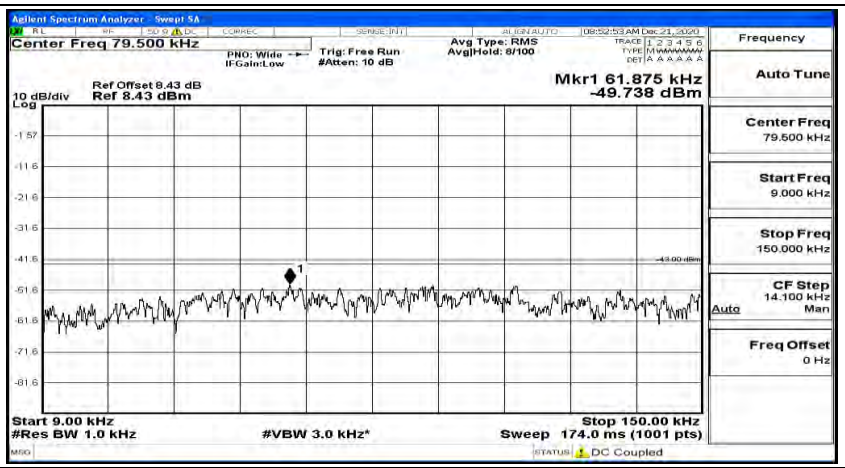


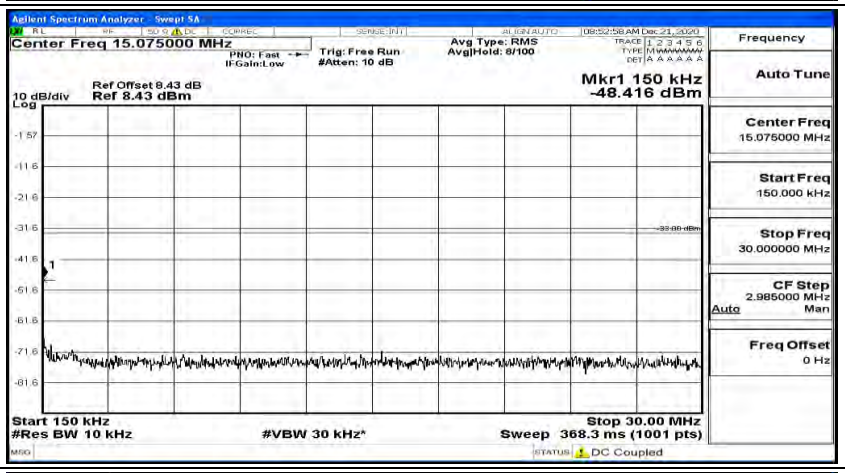
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



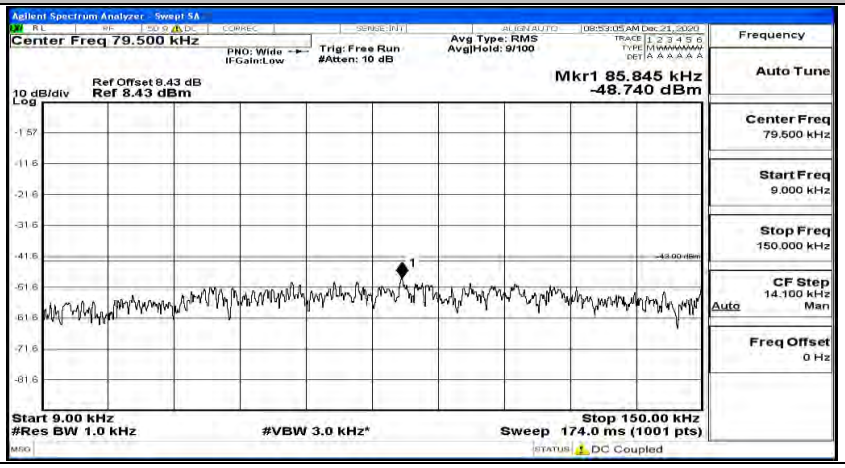


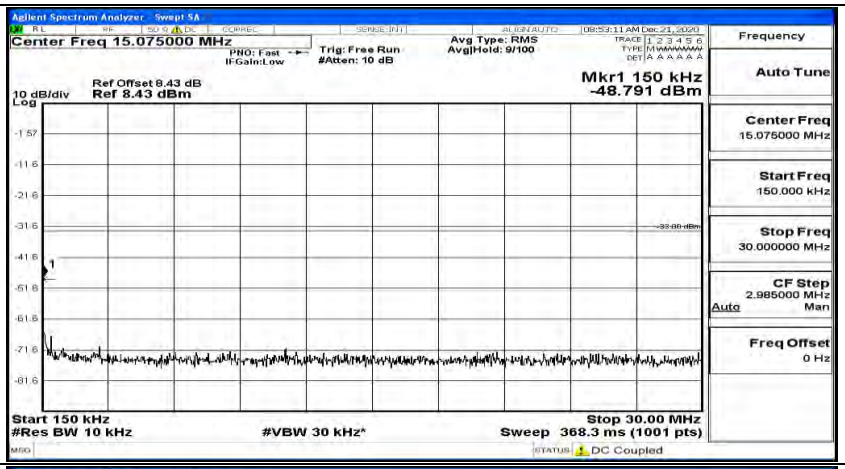
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7





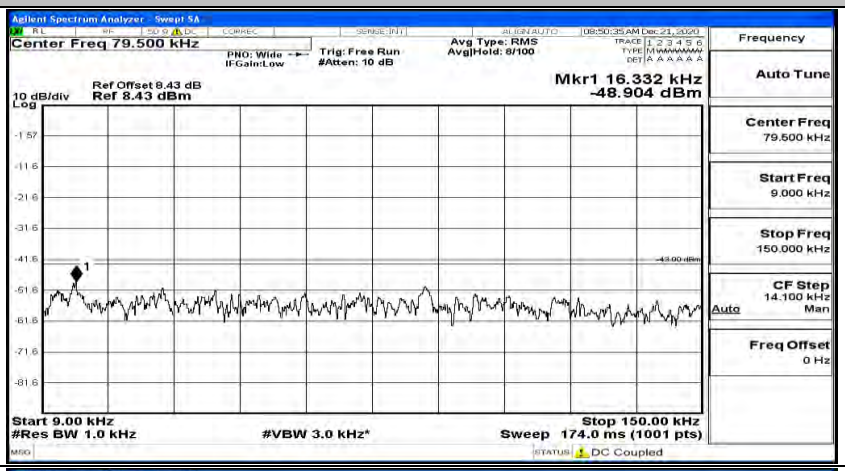
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

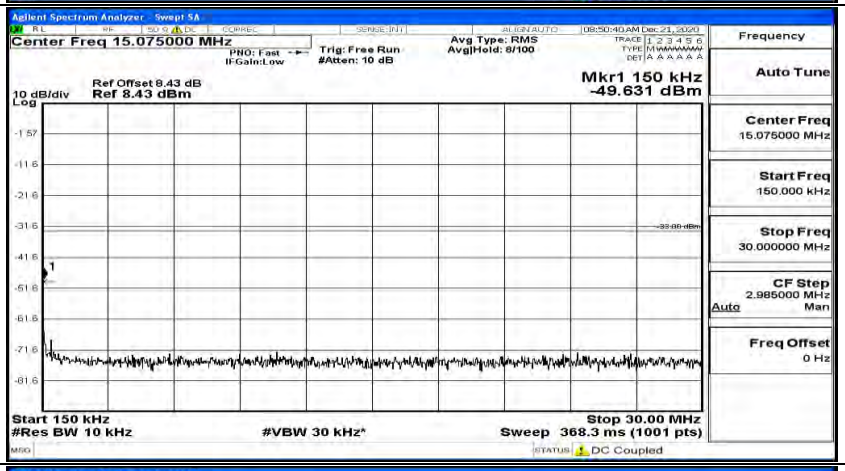



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 9/100
08:53:11 AM Dec 21, 2020
Frequency
Auto Tune
Mkr1 150 kHz
-48.791 dBm
Ref Offset 8.43 dB
10 dB/div
Ref 8.43 dBm
Log
-1.57
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-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

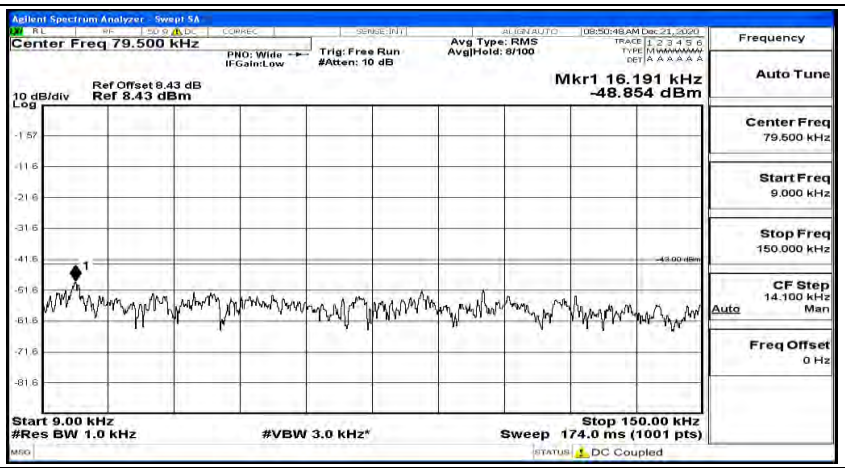

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
08:53:14 AM Dec 21, 2020
Frequency
Auto Tune
Mkr2 25.922 GHz
-23.467 dBm
Ref Offset 8.41 dB
10 dB/div
Ref 30.00 dBm
Log
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-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)

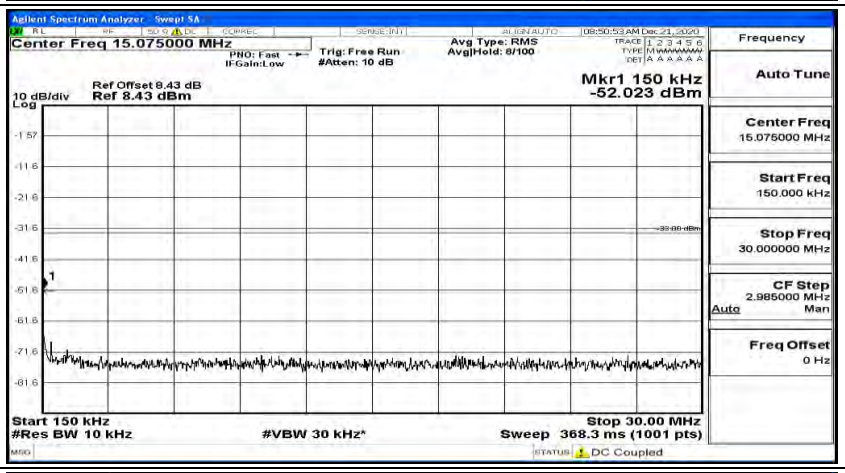
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



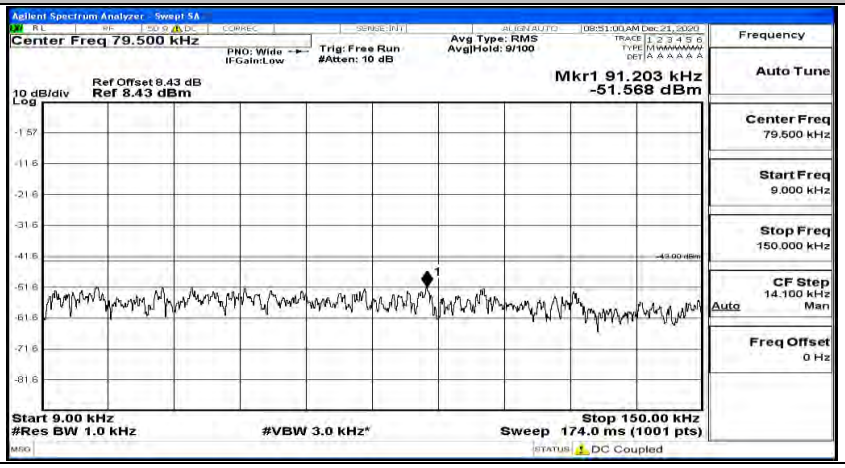


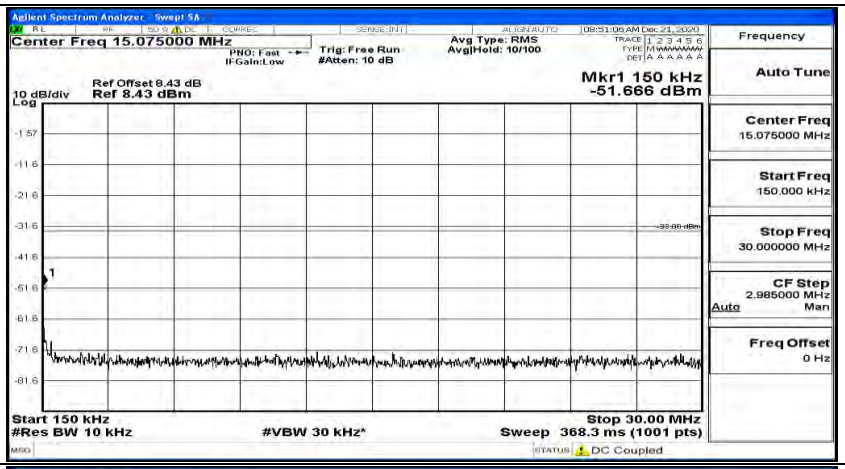
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7





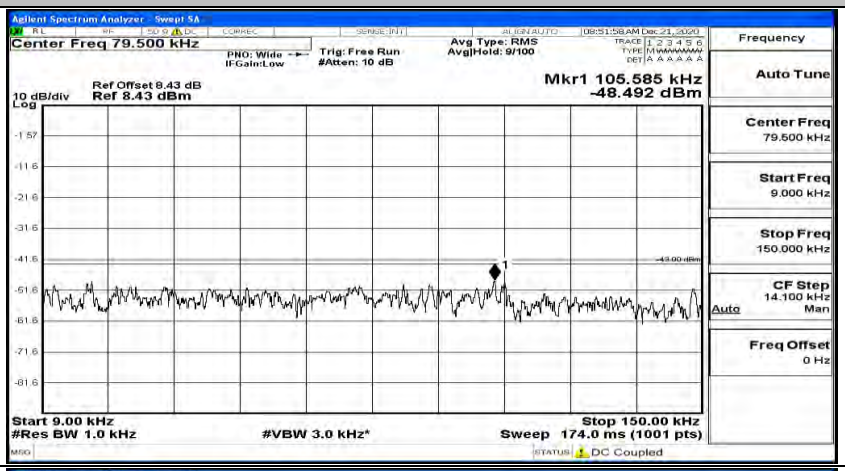
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

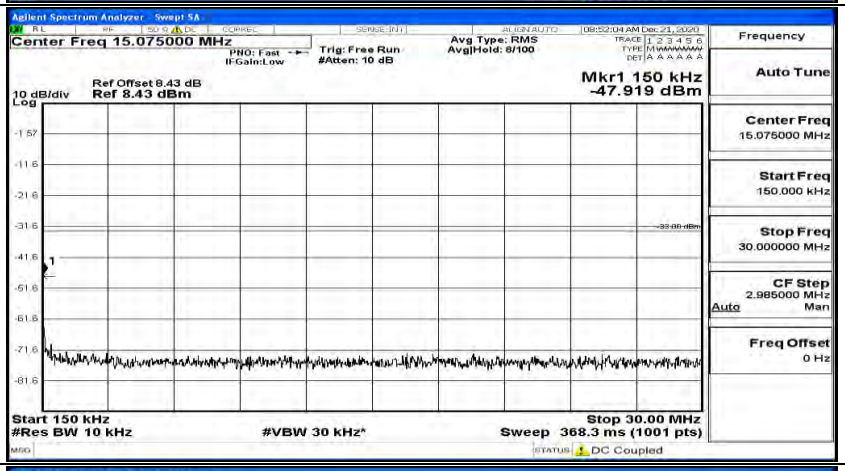



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 10/100
08:51:06 AM Dec 21, 2020
Frequency
Auto Tune
Mkr1 150 kHz
-51.666 dBm
Ref Offset 8.43 dB
10 dB/div
Ref 8.43 dBm
Log
-1.57
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-71.6
-81.6
-33.66 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

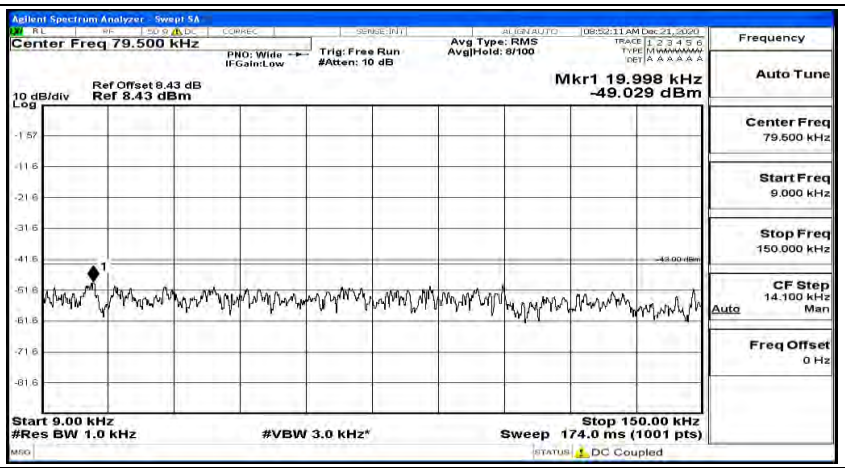

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
08:51:09 AM Dec 21, 2020
Frequency
Auto Tune
Mkr2 25.740 GHz
-23.214 dBm
Ref Offset 8.41 dB
10 dB/div
Ref 30.00 dBm
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-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)

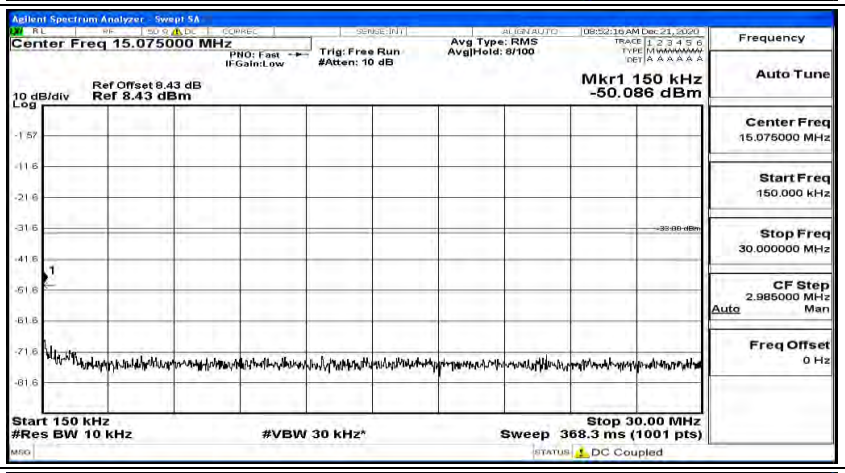
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



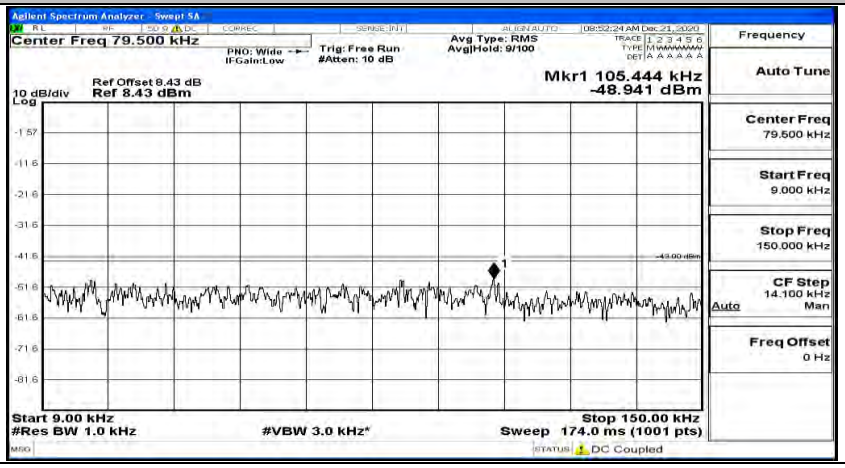


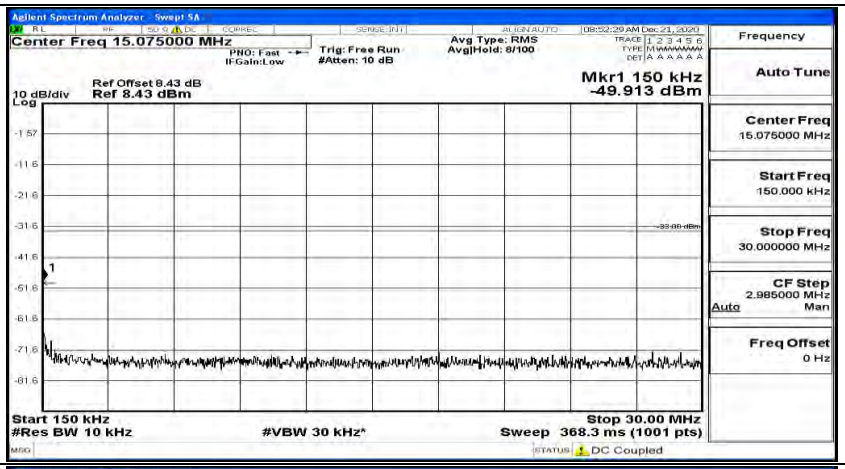
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



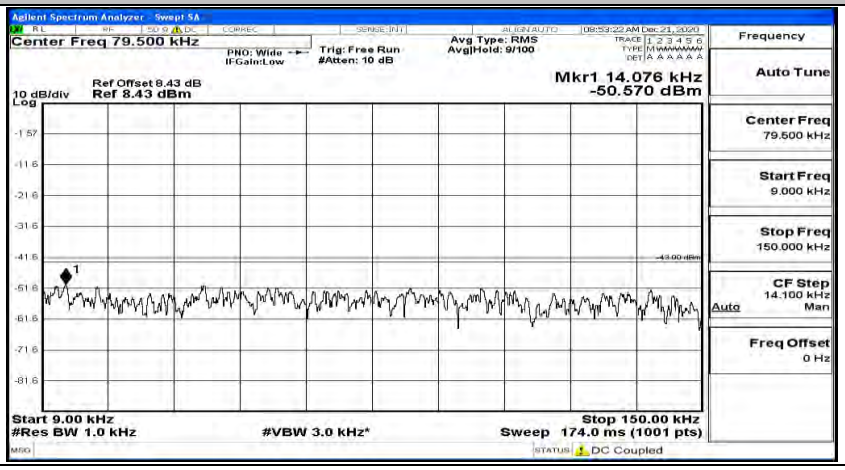


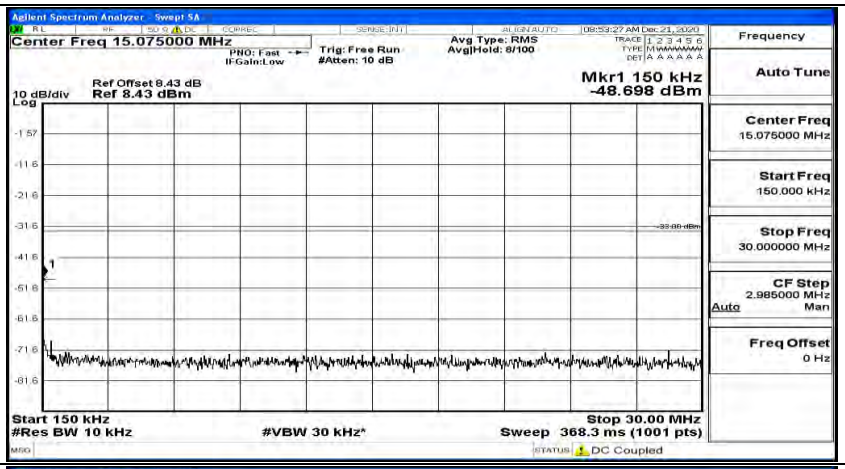
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



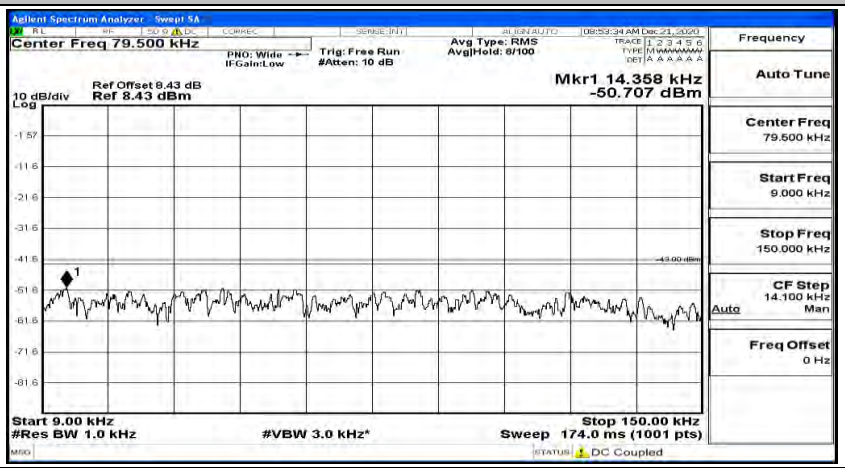


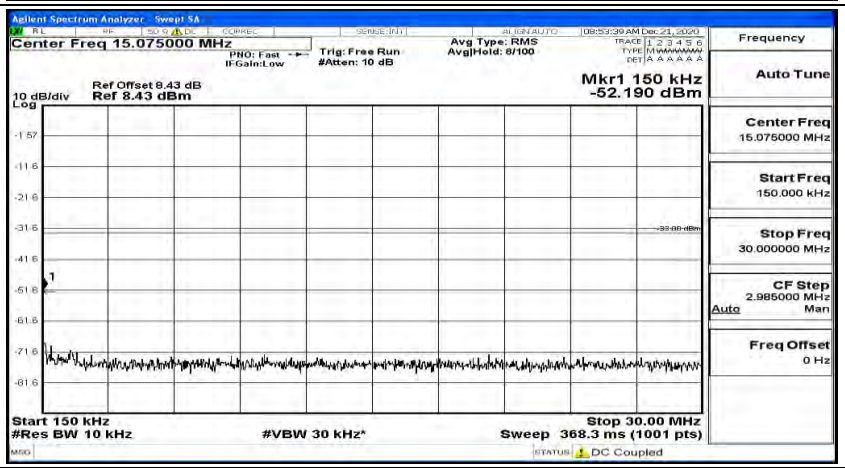
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



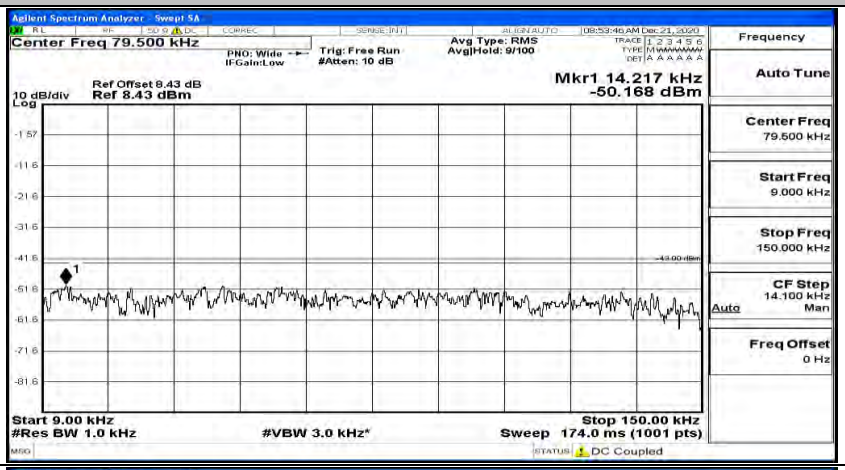


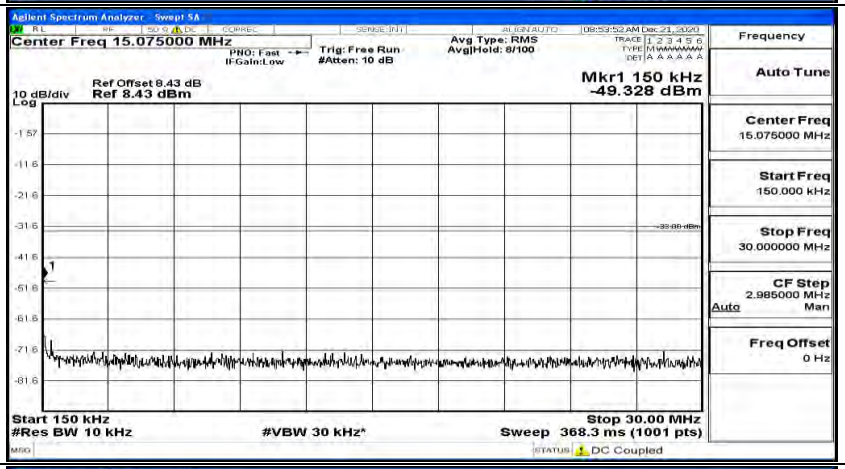
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





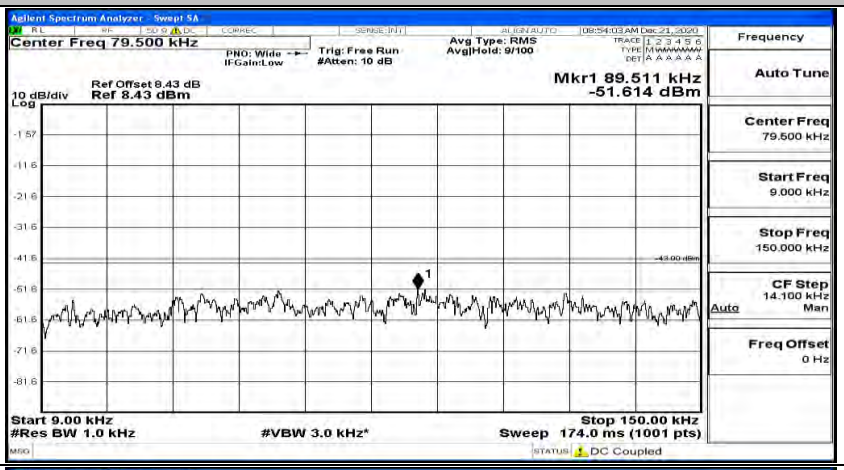
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

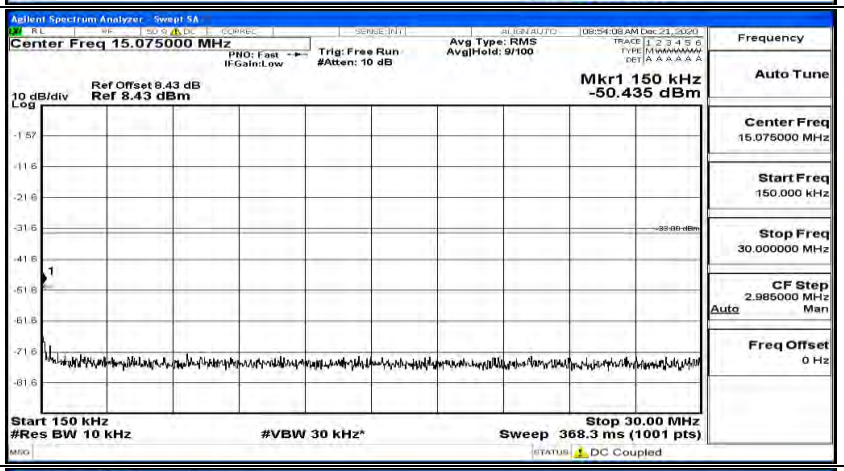


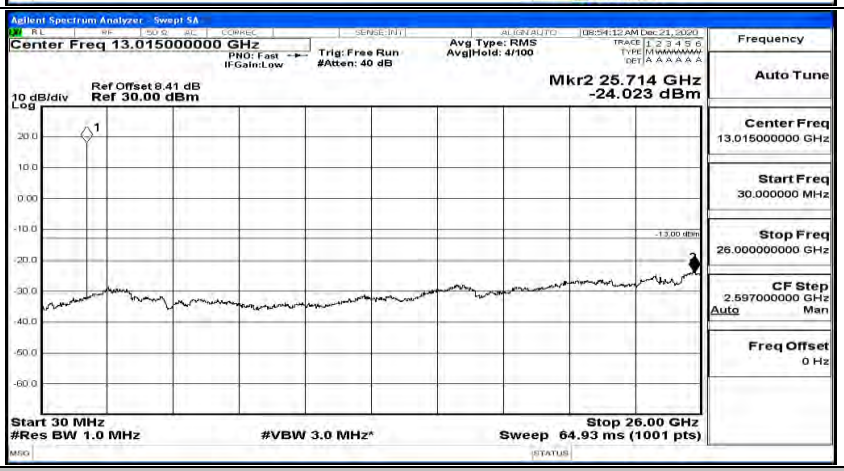


Channel Bandwidth: 5 MHz

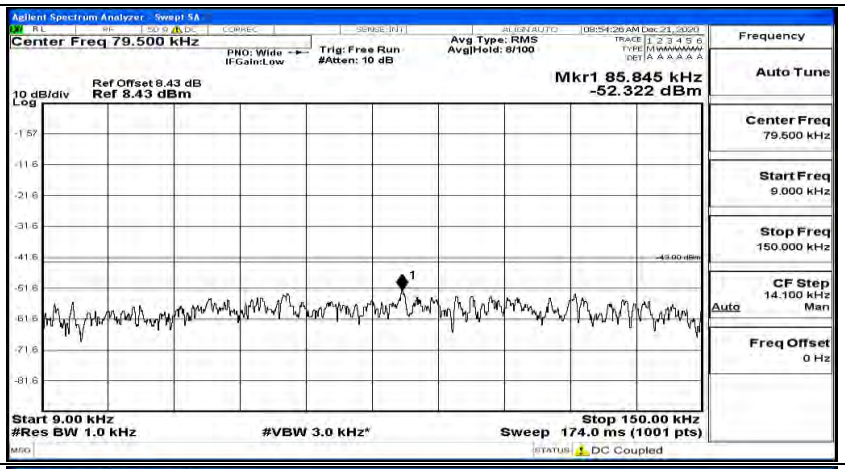
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

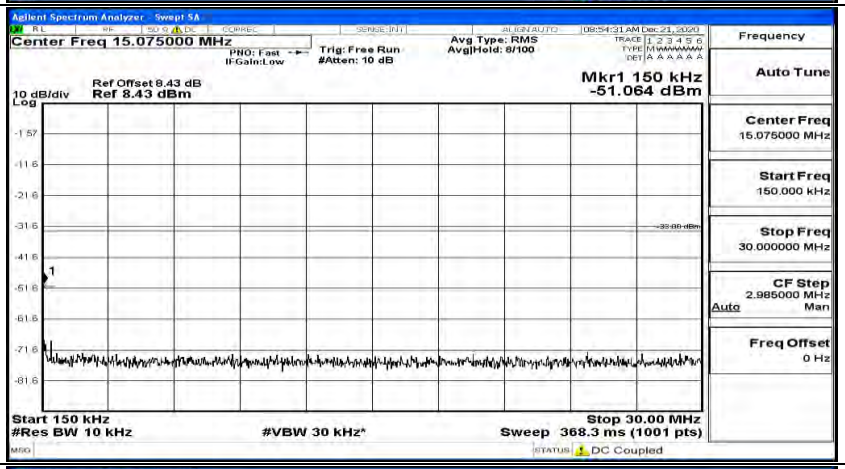






(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12





(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24