

## Appendix D: Test Data for E-UTRA Band 2

**Product Name: 4G PHONE**

**Test Model: BSCUS01**

### Environmental Conditions

Temperature:	24.9 ° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Wang Chuang

### D.1 Conducted Output Power

**<SIM1>**

#### Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.19	21.85	PASS
		1	3	23.25	21.91	PASS
		1	5	23.06	21.76	PASS
		3	0	22.67	21.81	PASS
		3	2	22.68	21.78	PASS
		3	3	22.64	21.72	PASS
		6	0	22.67	21.61	PASS
	MCH	1	0	23.03	22.29	PASS
		1	3	23.01	22.40	PASS
		1	5	22.91	22.18	PASS
		3	0	23.02	21.97	PASS
		3	2	22.97	21.98	PASS
		3	3	22.96	21.97	PASS
		6	0	22.98	21.92	PASS
	HCH	1	0	23.26	22.34	PASS
		1	3	23.40	22.50	PASS
		1	5	23.21	22.29	PASS
		3	0	23.24	22.23	PASS
		3	2	23.29	22.24	PASS
		3	3	23.24	22.21	PASS
		6	0	22.36	21.37	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.62	21.85	PASS
		1	7	22.84	21.98	PASS
		1	14	22.40	21.68	PASS
		8	0	22.63	21.67	PASS
		8	4	22.56	21.71	PASS
		8	7	22.52	21.55	PASS
		15	0	22.56	21.53	PASS
	MCH	1	0	22.98	22.24	PASS
		1	7	23.13	22.29	PASS
		1	14	22.77	21.97	PASS
		8	0	22.31	21.34	PASS
		8	4	22.32	21.35	PASS
		8	7	22.90	21.93	PASS
		15	0	22.91	21.89	PASS
	HCH	1	0	23.33	22.49	PASS
		1	7	23.52	22.69	PASS
		1	14	23.27	22.44	PASS
		8	0	22.33	21.26	PASS
		8	4	22.39	21.29	PASS
		8	7	22.30	21.21	PASS
		15	0	22.24	21.22	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.56	21.91	PASS
		1	12	22.75	22.07	PASS
		1	24	22.30	21.65	PASS
		12	0	22.56	21.71	PASS
		12	6	22.54	21.70	PASS
		12	13	22.42	21.63	PASS
		25	0	22.57	21.57	PASS
	MCH	1	0	23.04	22.31	PASS
		1	12	23.17	22.45	PASS
		1	24	22.60	21.95	PASS
		12	0	22.51	21.67	PASS
		12	6	22.51	21.64	PASS
		12	13	22.83	21.96	PASS
		25	0	22.97	21.99	PASS
	HCH	1	0	23.26	22.08	PASS
		1	12	23.58	22.39	PASS
		1	24	23.23	22.05	PASS
		12	0	22.27	21.26	PASS
		12	6	22.28	21.32	PASS
		12	13	22.18	21.19	PASS
		25	0	22.29	21.23	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.59	21.83	PASS
		1	24	22.54	21.77	PASS
		1	49	22.42	21.66	PASS
		25	0	22.55	21.57	PASS
		25	12	22.49	21.49	PASS
		25	25	22.50	21.56	PASS
		50	0	22.53	21.53	PASS
	MCH	1	0	23.20	22.43	PASS
		1	24	23.08	22.30	PASS
		1	49	22.46	21.70	PASS
		25	0	22.48	21.66	PASS
		25	12	22.40	21.56	PASS
		25	25	22.76	21.77	PASS
		50	0	22.92	21.94	PASS
	HCH	1	0	22.93	22.12	PASS
		1	24	23.37	22.56	PASS
		1	49	23.02	22.38	PASS
		25	0	22.13	21.13	PASS
		25	12	22.25	21.21	PASS
		25	25	22.21	21.18	PASS
		50	0	22.18	21.19	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.48	21.69	PASS
		1	37	22.57	21.88	PASS
		1	74	22.79	22.00	PASS
		37	0	22.57	21.55	PASS
		37	18	22.58	21.54	PASS
		37	38	22.73	21.68	PASS
		75	0	22.67	21.62	PASS
	MCH	1	0	23.22	22.44	PASS
		1	37	23.11	22.32	PASS
		1	74	22.24	21.48	PASS
		37	0	22.27	21.22	PASS
		37	18	22.04	21.03	PASS
		37	38	22.68	21.64	PASS
		75	0	23.00	21.95	PASS
	HCH	1	0	22.42	21.53	PASS
		1	37	23.41	22.43	PASS
		1	74	23.08	22.28	PASS
		37	0	22.86	21.79	PASS
		37	18	22.38	21.28	PASS
		37	38	22.26	21.19	PASS
		75	0	22.20	21.11	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.38	21.52	PASS
		1	49	22.86	21.96	PASS
		1	99	23.04	22.01	PASS
		50	0	22.44	21.42	PASS
		50	25	22.67	21.65	PASS
		50	50	22.90	21.88	PASS
		100	0	22.66	21.65	PASS
	MCH	1	0	23.20	22.34	PASS
		1	49	23.22	22.38	PASS
		1	99	22.09	21.23	PASS
		50	0	22.18	21.16	PASS
		50	25	22.99	21.97	PASS
		50	50	22.50	21.48	PASS
		100	0	22.82	21.80	PASS
	HCH	1	0	22.17	21.30	PASS
		1	49	23.14	22.19	PASS
		1	99	23.03	22.08	PASS
		50	0	22.49	21.45	PASS
		50	25	22.86	21.79	PASS
		50	50	23.02	21.98	PASS
		100	0	22.75	21.74	PASS

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Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.07	21.72	PASS
		1	3	23.17	21.80	PASS
		1	5	22.92	21.67	PASS
		3	0	22.50	21.71	PASS
		3	2	22.52	21.64	PASS
		3	3	22.49	21.57	PASS
		6	0	22.58	21.48	PASS
	MCH	1	0	22.89	22.14	PASS
		1	3	22.91	22.29	PASS
		1	5	22.82	22.06	PASS
		3	0	22.92	21.89	PASS
		3	2	22.82	21.89	PASS
		3	3	22.86	21.85	PASS
		6	0	22.87	21.83	PASS
	HCH	1	0	23.12	22.21	PASS
		1	3	23.29	22.36	PASS
		1	5	23.13	22.20	PASS
		3	0	23.11	22.09	PASS
		3	2	23.22	22.13	PASS
		3	3	23.11	22.09	PASS
		6	0	22.29	21.21	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.50	21.73	PASS
		1	7	22.77	21.83	PASS
		1	14	22.33	21.58	PASS
		8	0	22.48	21.57	PASS
		8	4	22.45	21.61	PASS
		8	7	22.41	21.45	PASS
		15	0	22.41	21.40	PASS
	MCH	1	0	22.90	22.12	PASS
		1	7	23.03	22.19	PASS
		1	14	22.63	21.82	PASS
		8	0	22.17	21.21	PASS
		8	4	22.15	21.26	PASS
		8	7	22.81	21.76	PASS
		15	0	22.80	21.82	PASS
	HCH	1	0	23.21	22.36	PASS
		1	7	23.39	22.61	PASS
		1	14	23.19	22.34	PASS
		8	0	22.25	21.15	PASS
		8	4	22.24	21.12	PASS
		8	7	22.23	21.13	PASS
		15	0	22.13	21.07	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.45	21.74	PASS
		1	12	22.59	21.95	PASS
		1	24	22.23	21.50	PASS
		12	0	22.46	21.63	PASS
		12	6	22.47	21.55	PASS
		12	13	22.34	21.55	PASS
		25	0	22.42	21.45	PASS
	MCH	1	0	22.95	22.15	PASS
		1	12	23.04	22.31	PASS
		1	24	22.45	21.85	PASS
		12	0	22.38	21.52	PASS
		12	6	22.40	21.55	PASS
		12	13	22.69	21.88	PASS
		25	0	22.86	21.88	PASS
	HCH	1	0	23.14	21.97	PASS
		1	12	23.47	22.28	PASS
		1	24	23.12	21.95	PASS
		12	0	22.15	21.11	PASS
		12	6	22.12	21.18	PASS
		12	13	22.02	21.03	PASS
		25	0	22.13	21.11	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.49	21.69	PASS
		1	24	22.47	21.60	PASS
		1	49	22.31	21.51	PASS
		25	0	22.42	21.41	PASS
		25	12	22.36	21.38	PASS
		25	25	22.41	21.45	PASS
		50	0	22.41	21.37	PASS
	MCH	1	0	23.11	22.35	PASS
		1	24	22.94	22.21	PASS
		1	49	22.31	21.61	PASS
		25	0	22.35	21.52	PASS
		25	12	22.26	21.41	PASS
		25	25	22.61	21.64	PASS
		50	0	22.78	21.81	PASS
	HCH	1	0	22.83	21.98	PASS
		1	24	23.28	22.46	PASS
		1	49	22.91	22.22	PASS
		25	0	22.06	21.10	PASS
		25	12	22.15	21.04	PASS
		25	25	22.07	21.04	PASS
		50	0	22.02	21.03	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.36	21.61	PASS
		1	37	22.41	21.78	PASS
		1	74	22.65	21.86	PASS
		37	0	22.44	21.39	PASS
		37	18	22.47	21.43	PASS
		37	38	22.57	21.54	PASS
		75	0	22.54	21.48	PASS
	MCH	1	0	23.15	22.35	PASS
		1	37	22.97	22.21	PASS
		1	74	22.08	21.39	PASS
		37	0	22.19	21.06	PASS
		37	18	22.11	21.25	PASS
		37	38	22.51	21.53	PASS
		75	0	22.85	21.84	PASS
	HCH	1	0	22.34	21.40	PASS
		1	37	23.33	22.29	PASS
		1	74	22.94	22.20	PASS
		37	0	22.70	21.67	PASS
		37	18	22.23	21.17	PASS
		37	38	22.18	21.04	PASS
		75	0	22.07	21.03	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	22.30	21.39	PASS
		1	49	22.77	21.81	PASS
		1	99	22.92	21.88	PASS
		50	0	22.33	21.35	PASS
		50	25	22.57	21.54	PASS
		50	50	22.81	21.74	PASS
		100	0	22.57	21.51	PASS
	MCH	1	0	23.04	22.19	PASS
		1	49	23.06	22.22	PASS
		1	99	22.12	21.33	PASS
		50	0	22.03	21.04	PASS
		50	25	22.85	21.85	PASS
		50	50	22.39	21.38	PASS
		100	0	22.72	21.69	PASS
	HCH	1	0	22.06	21.18	PASS
		1	49	22.99	22.06	PASS
		1	99	22.95	21.93	PASS
		50	0	22.42	21.36	PASS
		50	25	22.71	21.68	PASS
		50	50	22.93	21.81	PASS
		100	0	22.64	21.64	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	5.22	<13	PASS
	MCH	4.98	<13	PASS
	HCH	4.4	<13	PASS
16QAM	LCH	6.14	<13	PASS
	MCH	5.88	<13	PASS
	HCH	5.27	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.35	<13	PASS
	MCH	5.18	<13	PASS
	HCH	4.81	<13	PASS
16QAM	LCH	6.28	<13	PASS
	MCH	6.11	<13	PASS
	HCH	5.57	<13	PASS

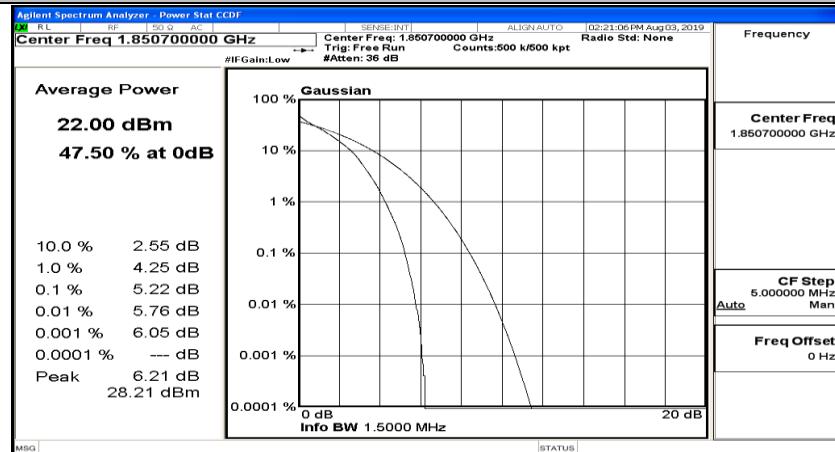
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.4	<13	PASS
	MCH	5.25	<13	PASS
	HCH	4.85	<13	PASS
16QAM	LCH	6.18	<13	PASS
	MCH	6.05	<13	PASS
	HCH	5.67	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.46	<13	PASS
	MCH	5.35	<13	PASS
	HCH	5.04	<13	PASS
16QAM	LCH	6.18	<13	PASS
	MCH	6.09	<13	PASS
	HCH	5.76	<13	PASS

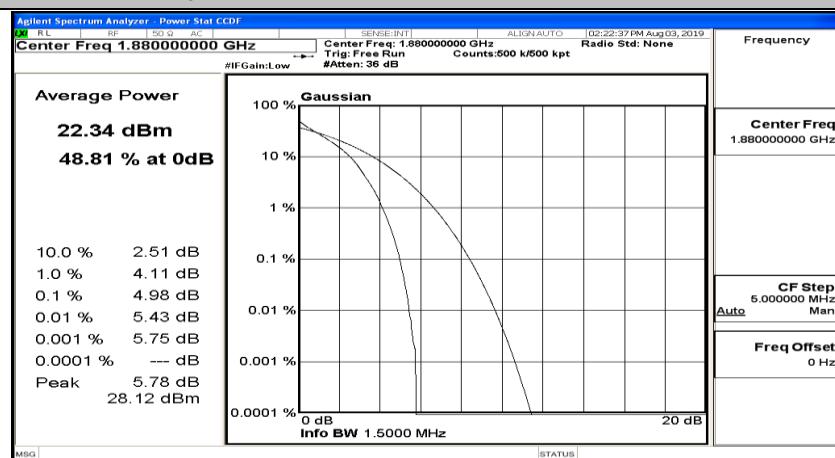
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.03	<13	PASS
	MCH	4.93	<13	PASS
	HCH	4.95	<13	PASS
16QAM	LCH	6.26	<13	PASS
	MCH	6.14	<13	PASS
	HCH	6.09	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.7	<13	PASS
	MCH	5.67	<13	PASS
	HCH	5.76	<13	PASS
16QAM	LCH	6.8	<13	PASS
	MCH	6.69	<13	PASS
	HCH	6.6	<13	PASS

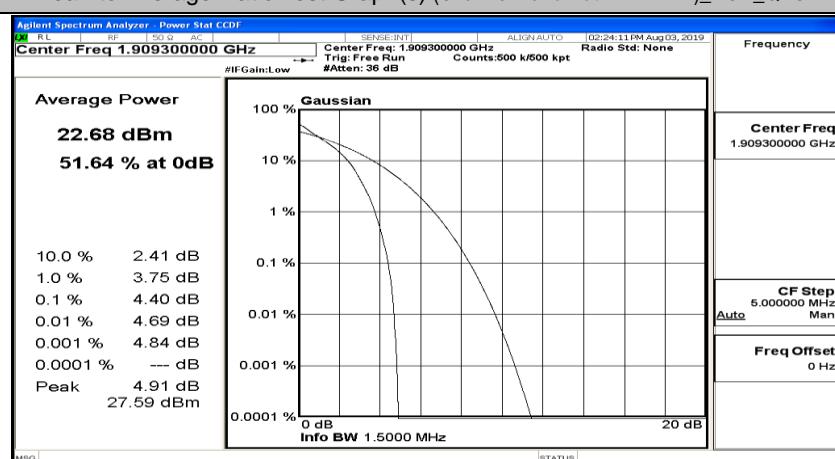
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



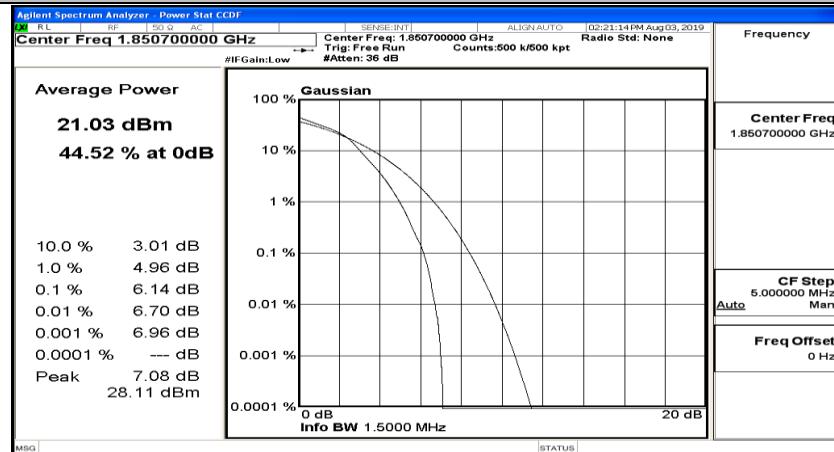
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



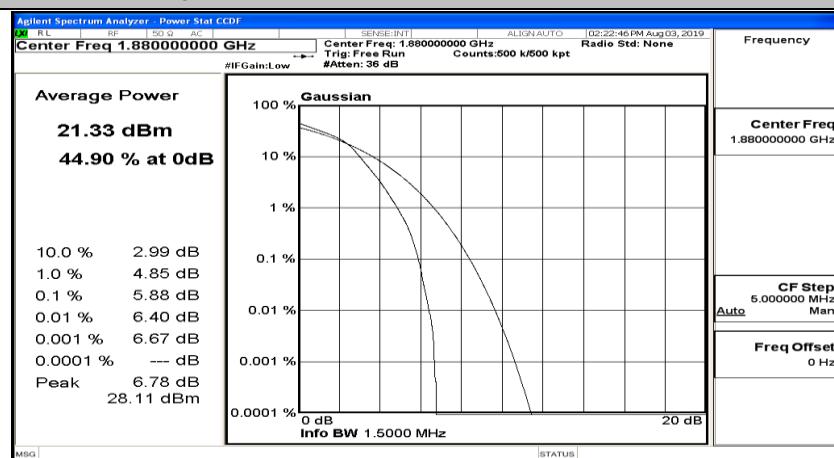
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



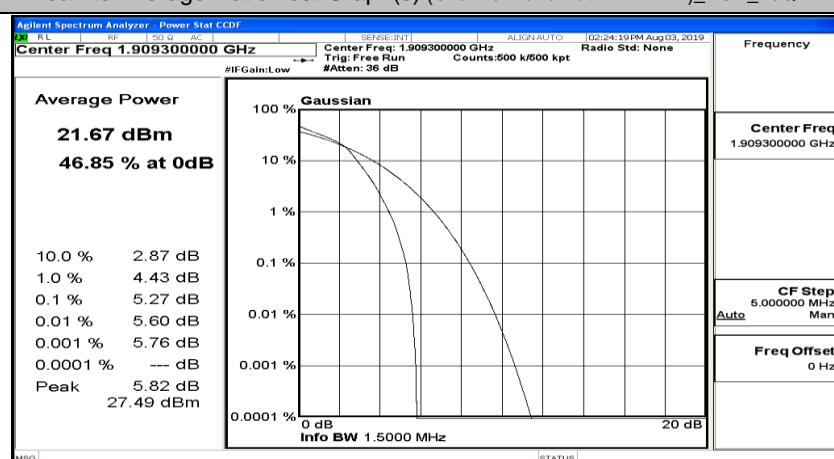
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



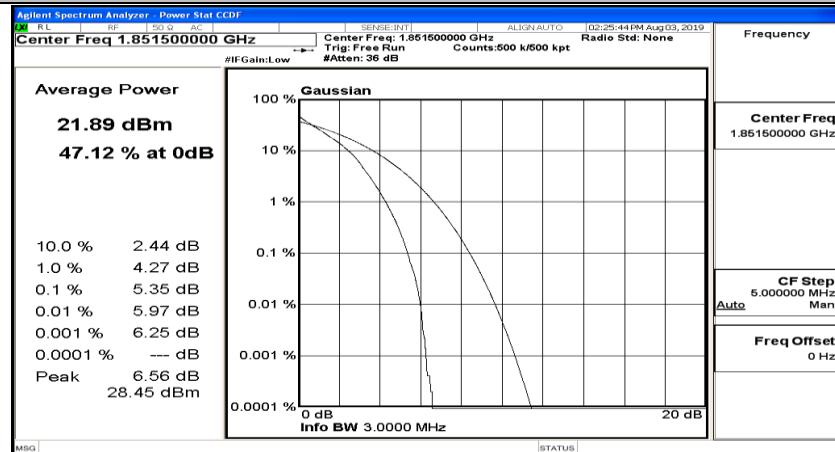
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



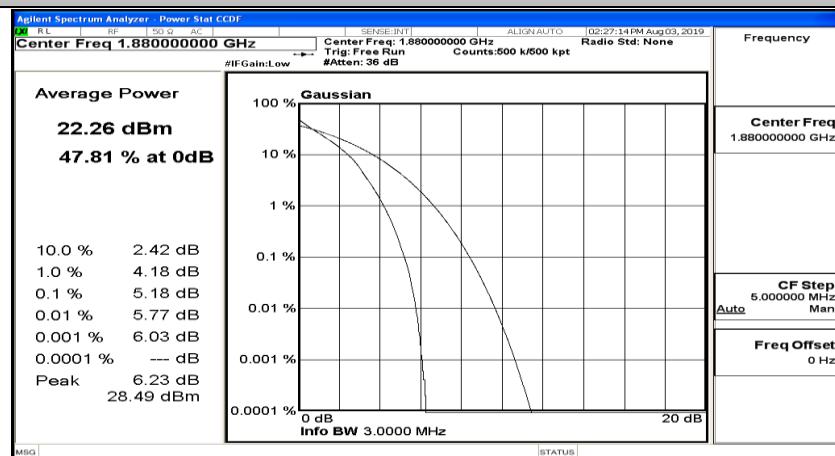
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



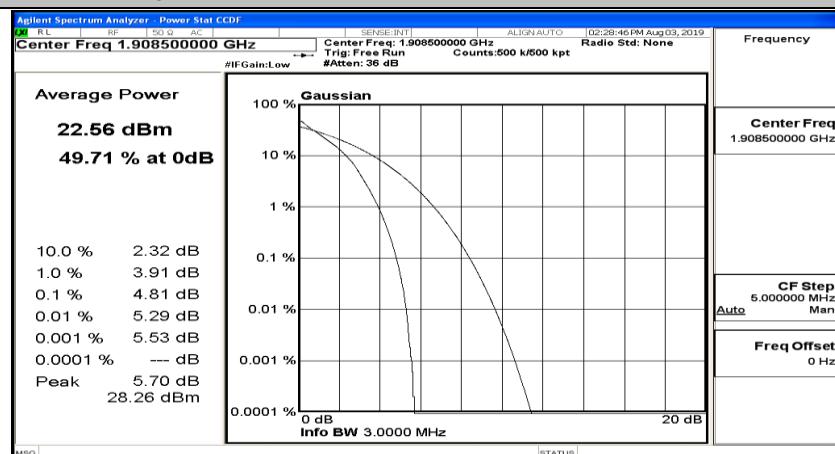
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



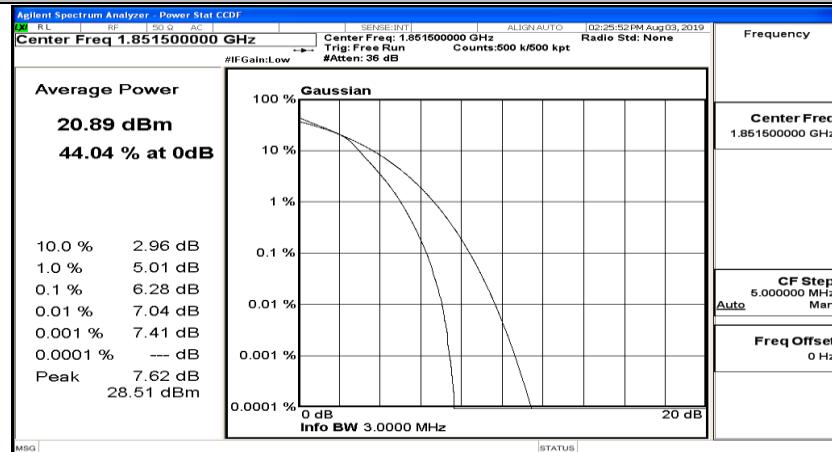
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



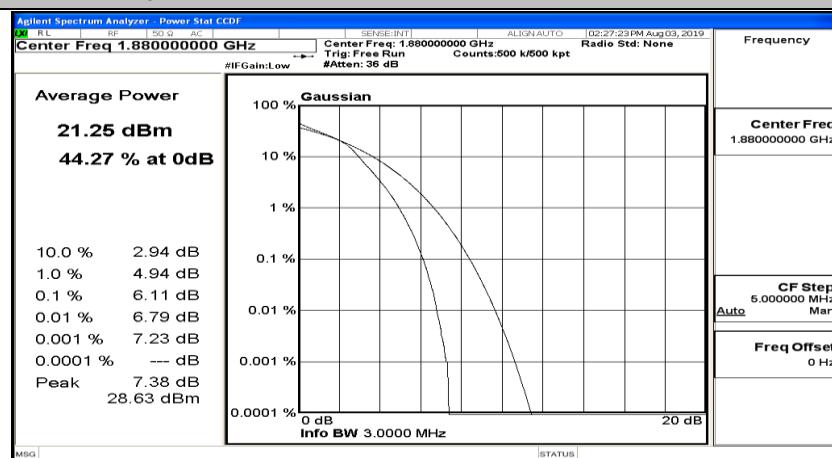
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



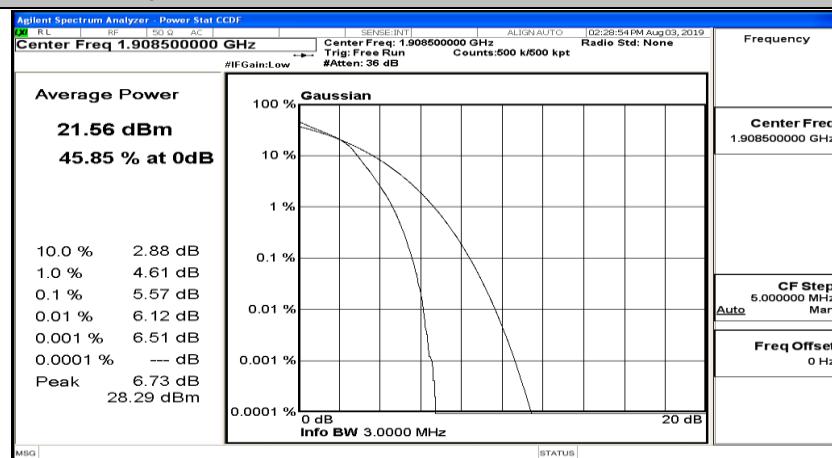
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



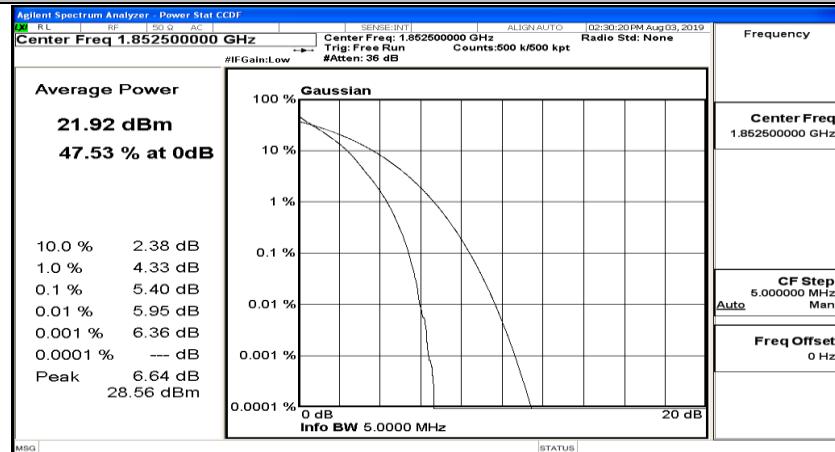
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



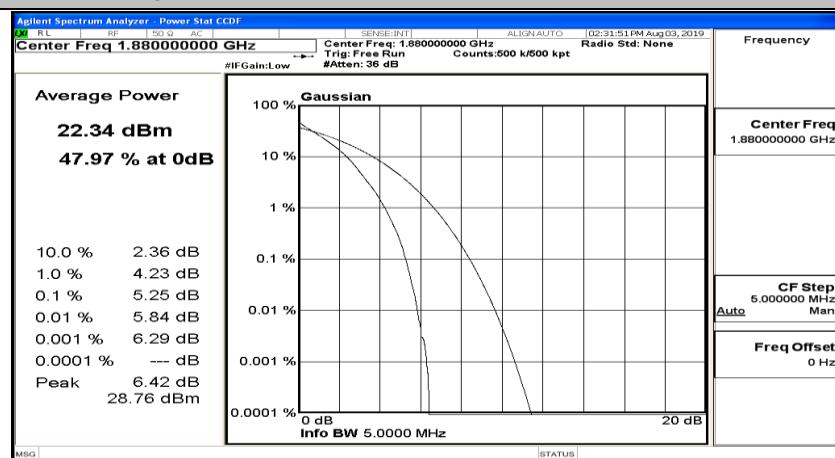
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



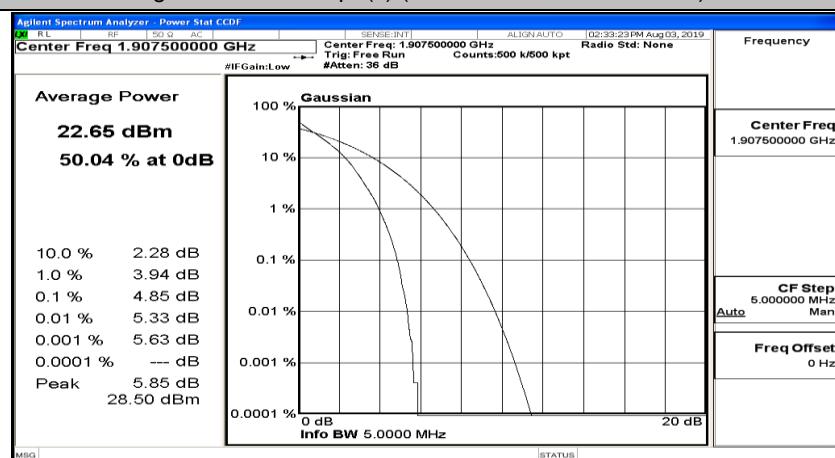
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



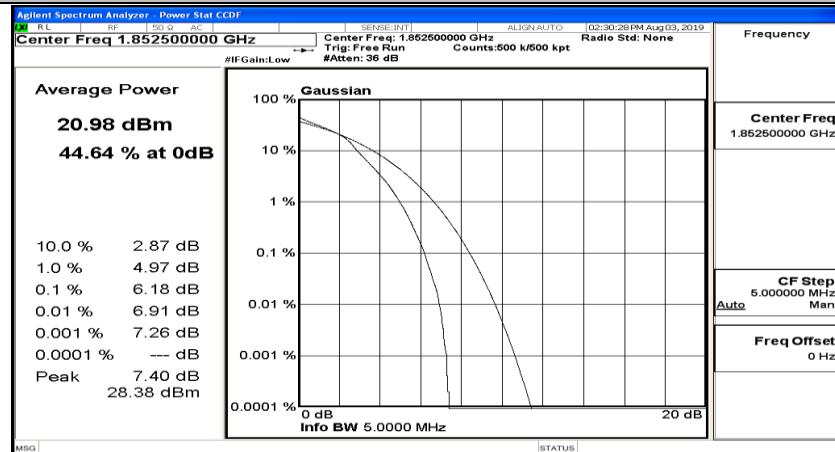
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



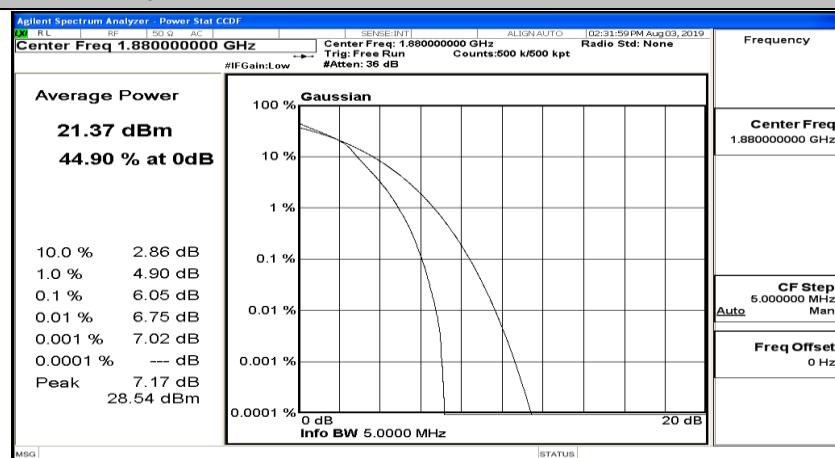
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



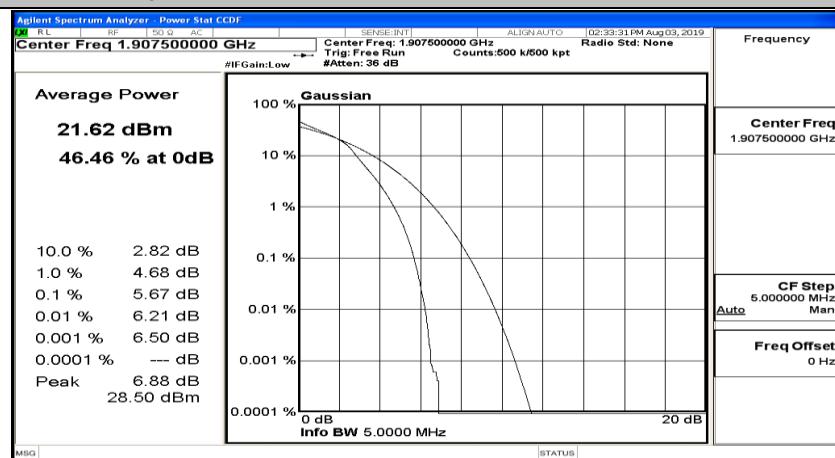
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



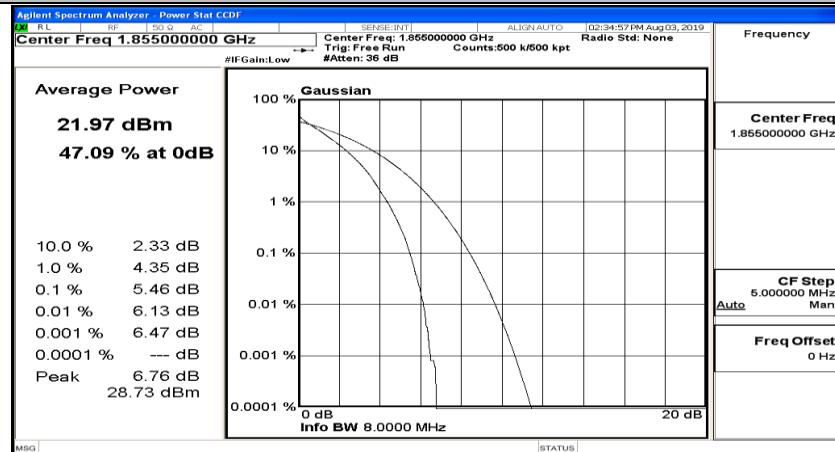
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



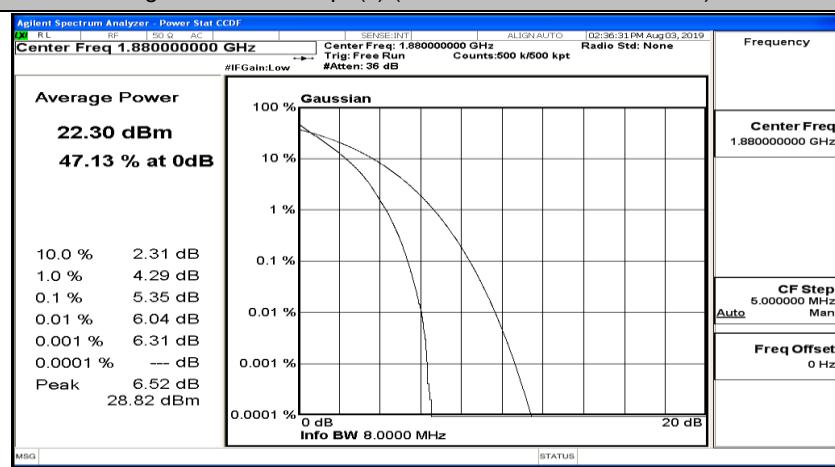
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



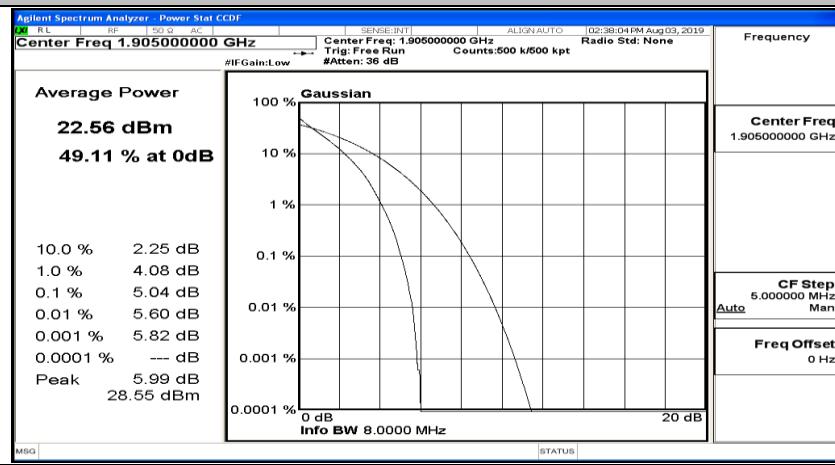
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



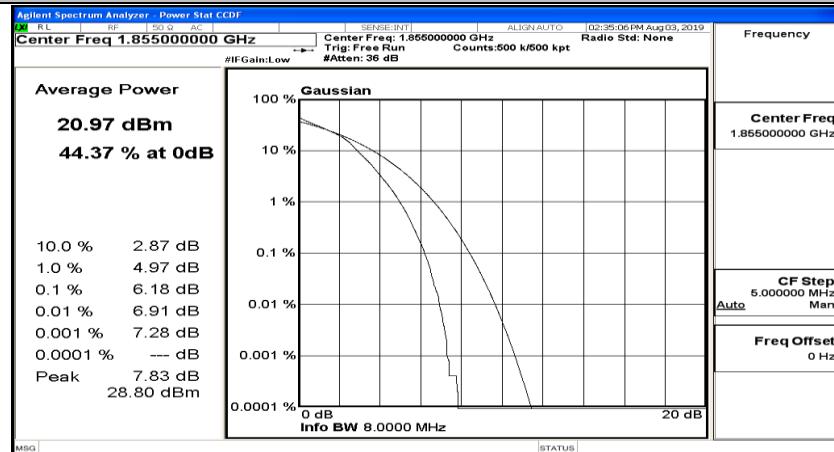
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



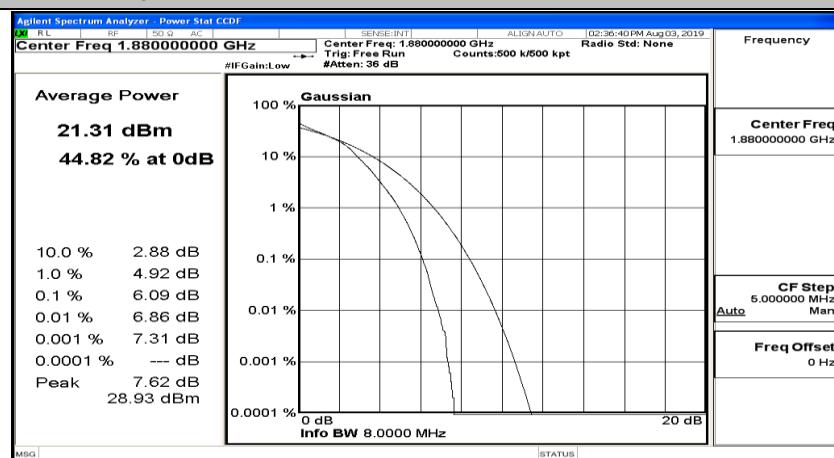
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



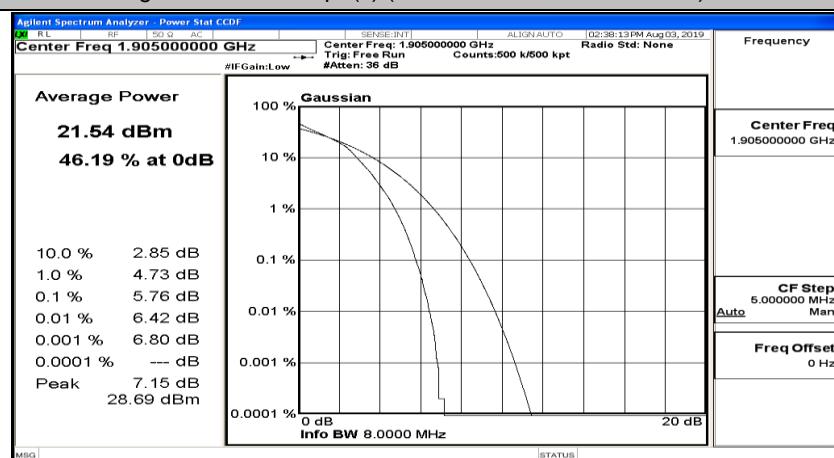
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



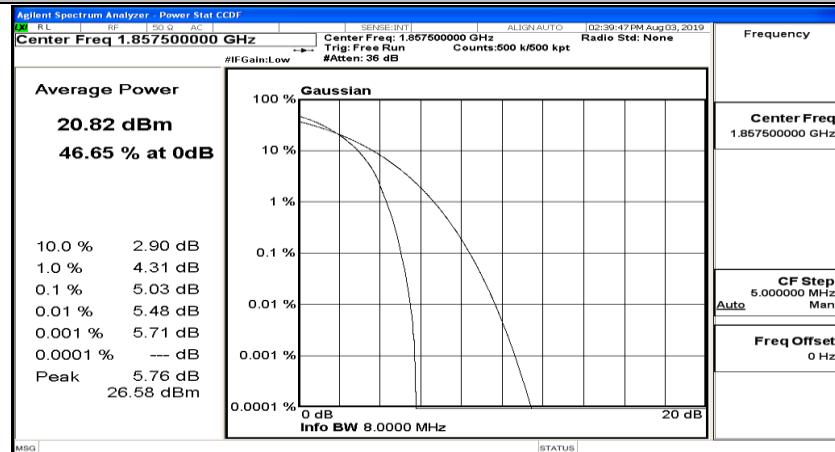
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



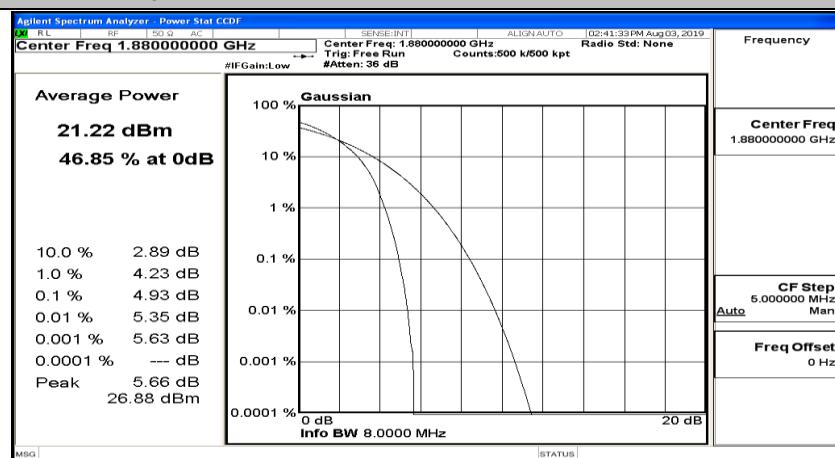
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



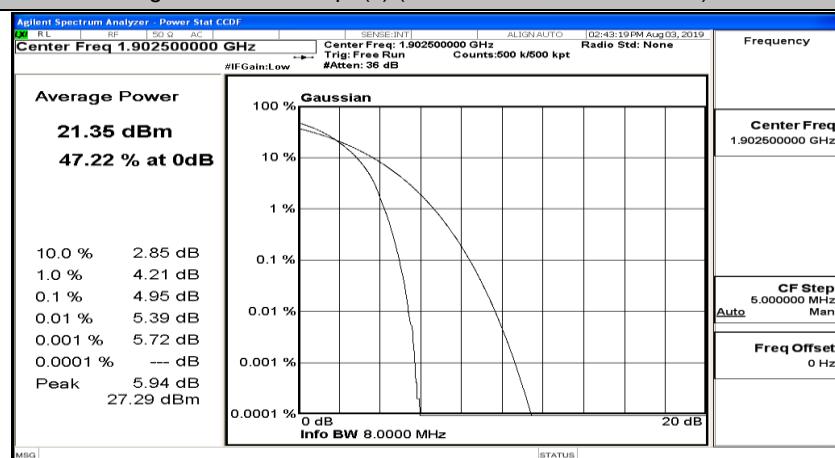
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



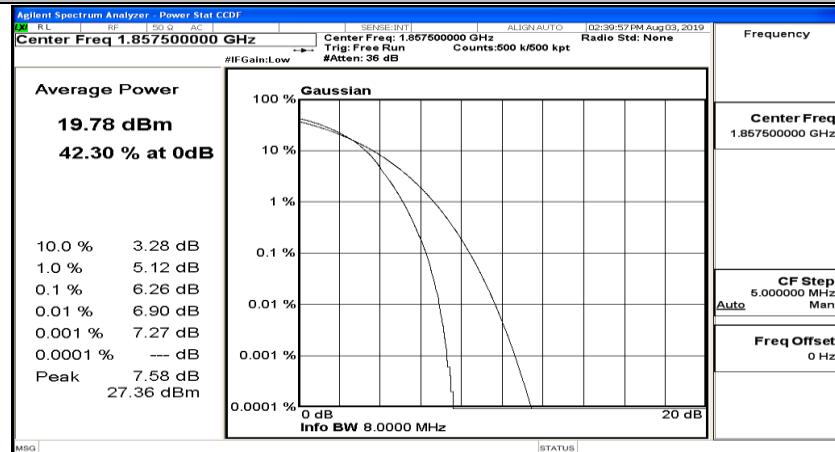
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



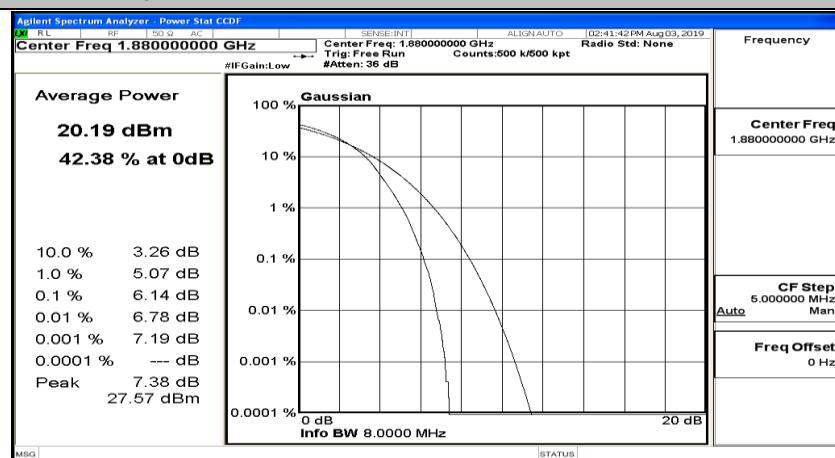
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



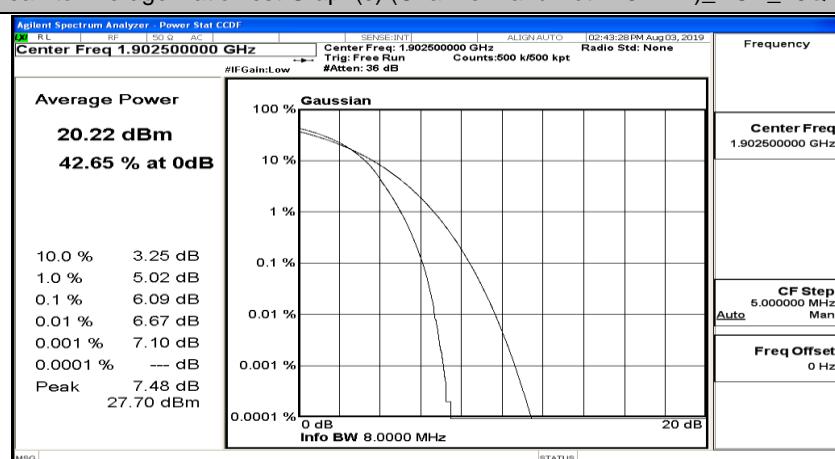
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



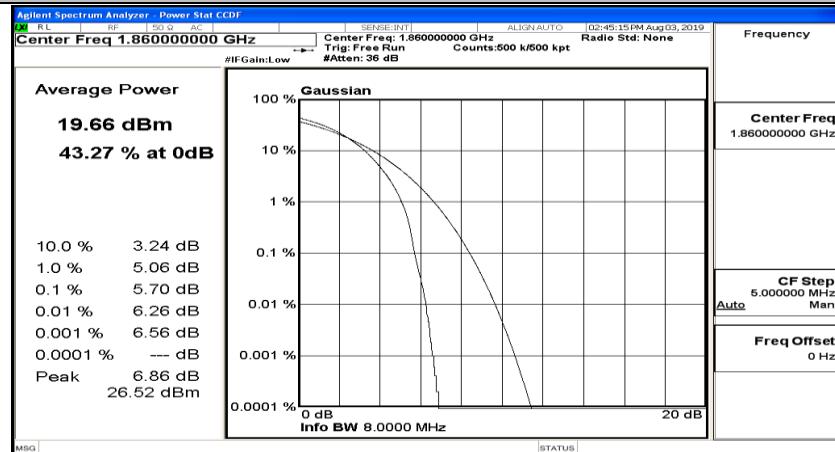
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



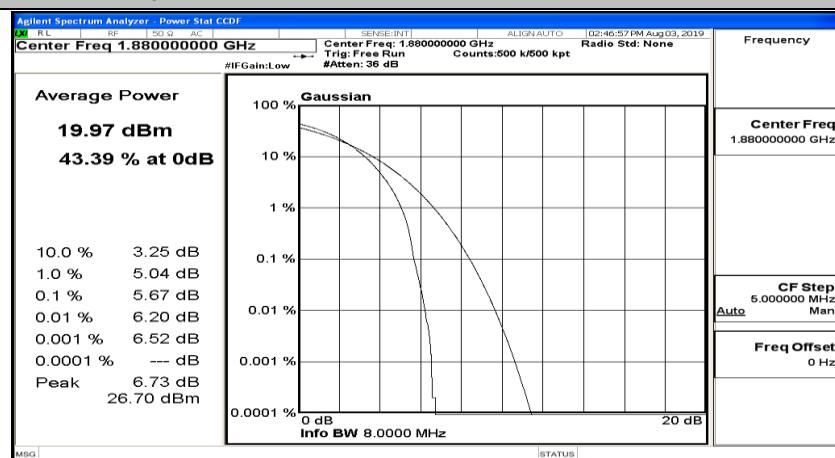
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



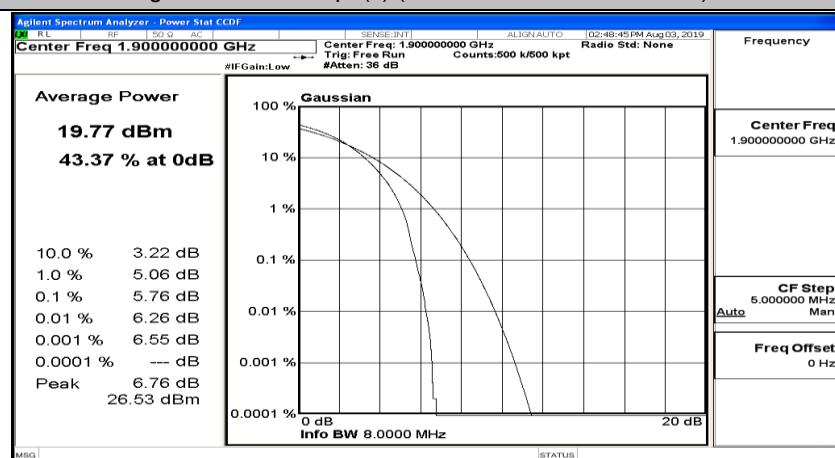
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



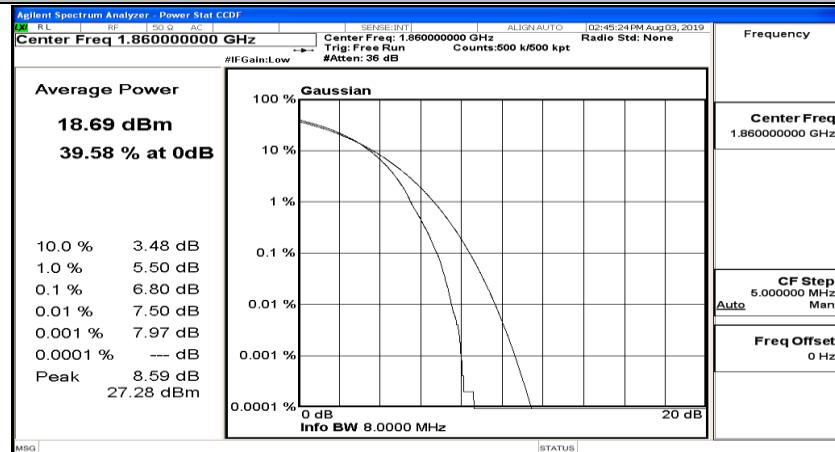
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



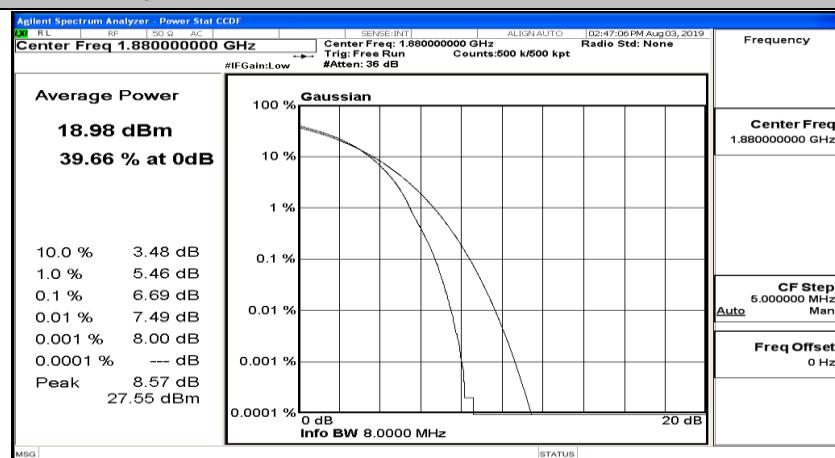
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



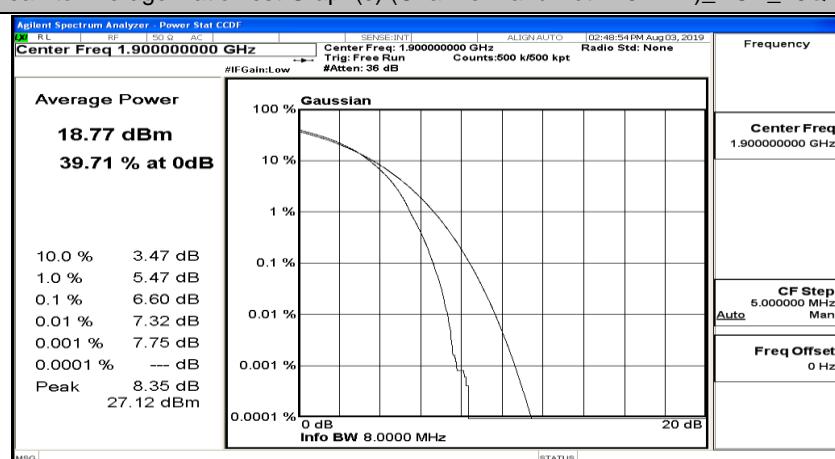
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## 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	1.0749	1.229	PASS
	MCH	1.0738	1.217	PASS
	HCH	1.0772	1.225	PASS
16QAM	LCH	1.0819	1.241	PASS
	MCH	1.0773	1.220	PASS
	HCH	1.0777	1.231	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6777	2.842	PASS
	MCH	2.6779	2.823	PASS
	HCH	2.6818	2.834	PASS
16QAM	LCH	2.6812	2.818	PASS
	MCH	2.6792	2.838	PASS
	HCH	2.6821	2.847	PASS

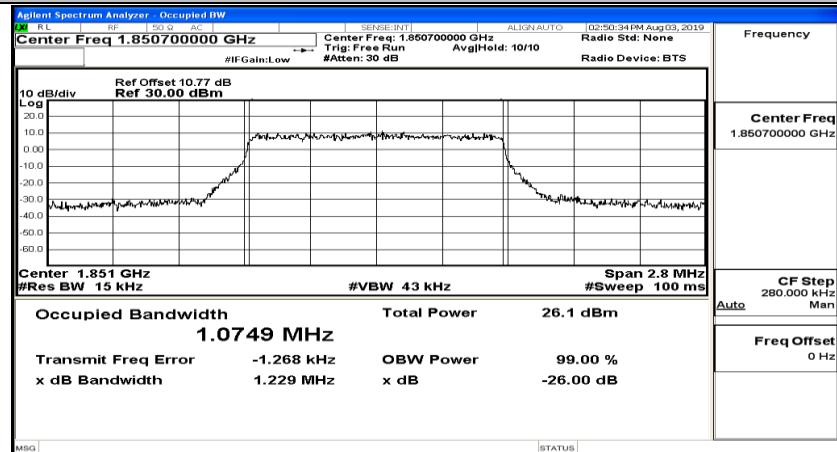
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4729	4.837	PASS
	MCH	4.4753	4.819	PASS
	HCH	4.4740	4.878	PASS
16QAM	LCH	4.4707	4.879	PASS
	MCH	4.4787	4.800	PASS
	HCH	4.4816	4.898	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9471	9.607	PASS
	MCH	8.9449	9.535	PASS
	HCH	8.9319	9.568	PASS
16QAM	LCH	8.9419	9.476	PASS
	MCH	8.9398	9.491	PASS
	HCH	8.9534	9.504	PASS

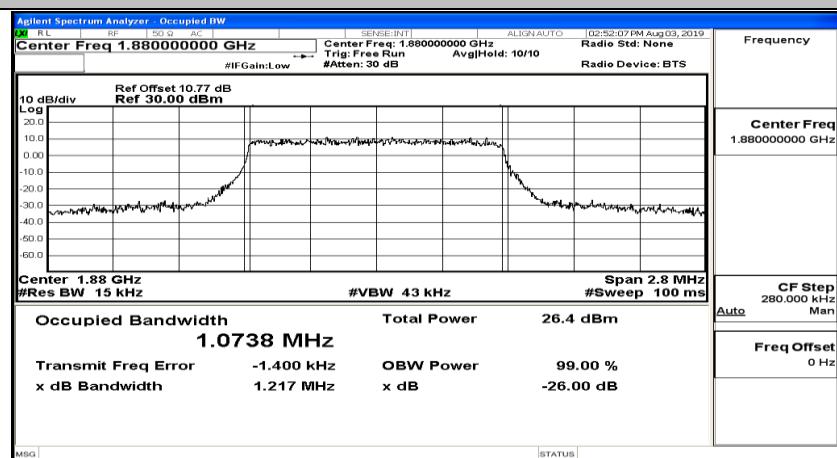
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.424	14.19	PASS
	MCH	13.402	14.10	PASS
	HCH	13.394	14.14	PASS
16QAM	LCH	13.411	14.08	PASS
	MCH	13.378	14.07	PASS
	HCH	13.395	14.09	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.857	18.62	PASS
	MCH	17.820	18.61	PASS
	HCH	17.875	18.79	PASS
16QAM	LCH	17.886	18.70	PASS
	MCH	17.828	18.62	PASS
	HCH	17.852	18.70	PASS

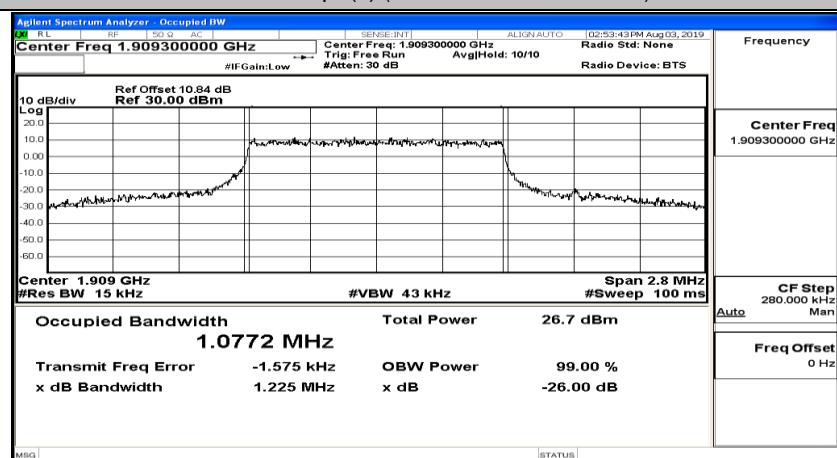
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



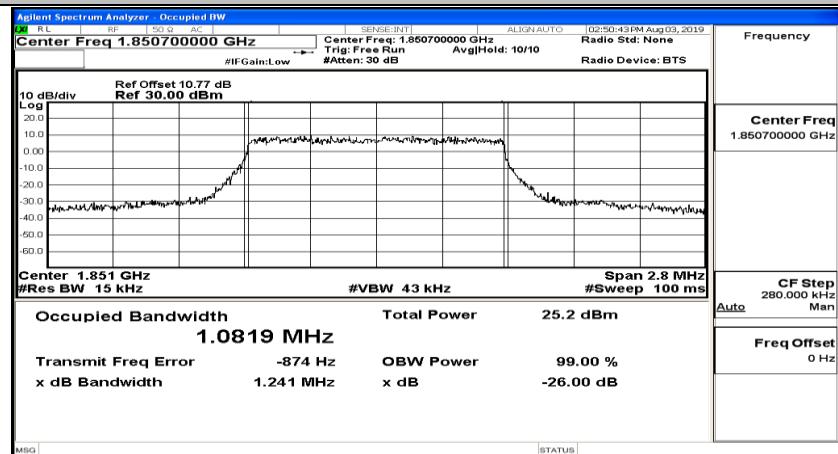
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



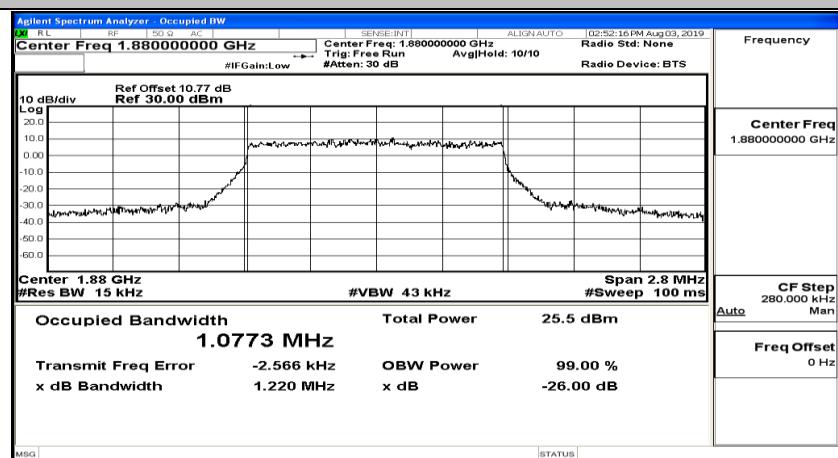
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



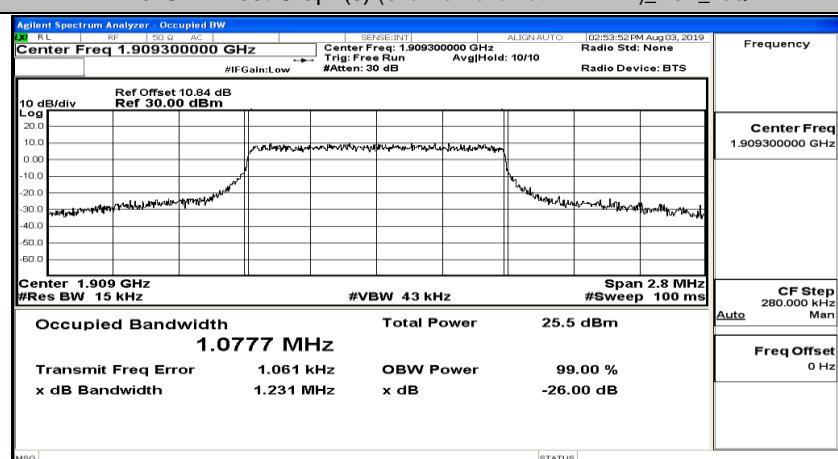
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



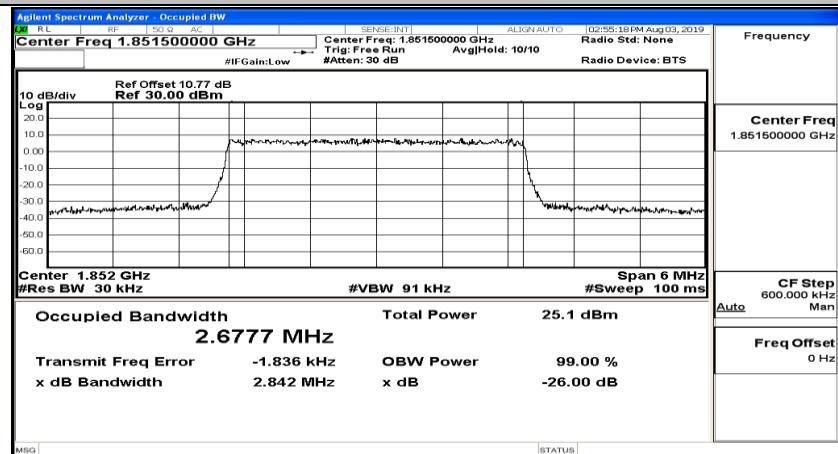
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



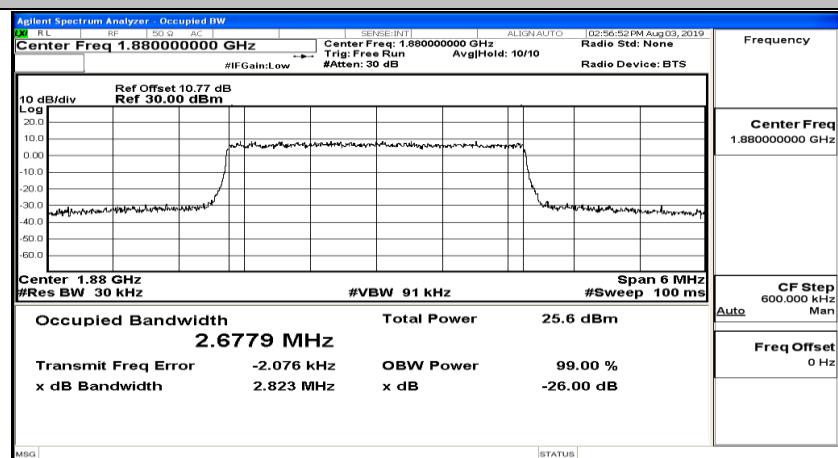
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



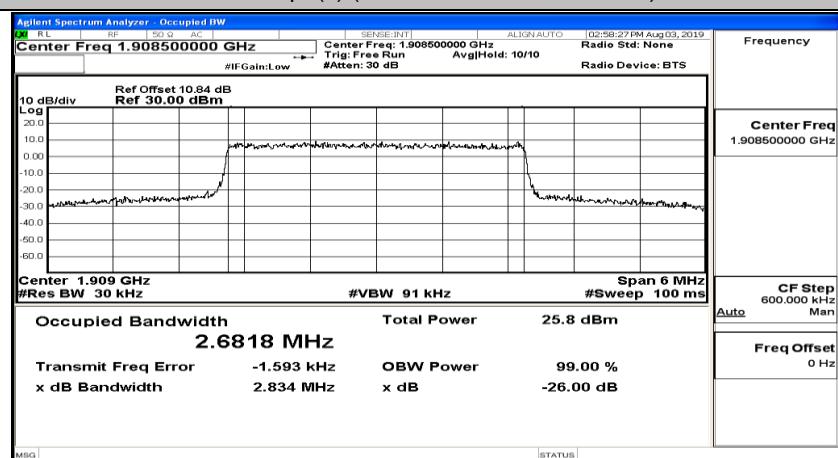
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



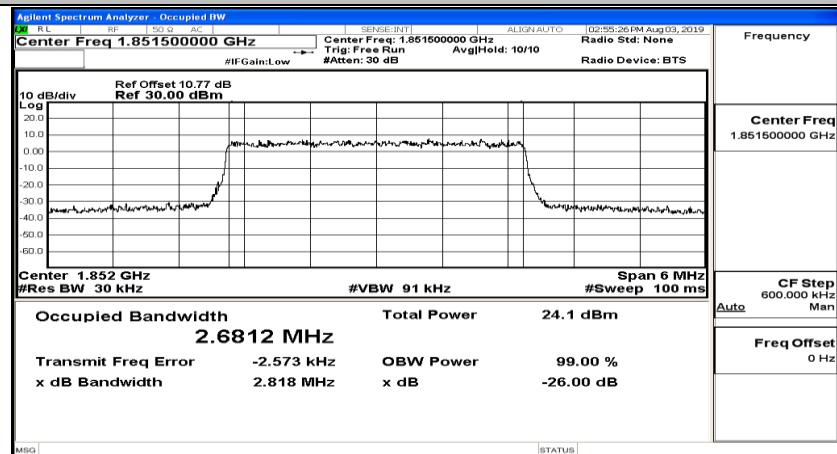
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



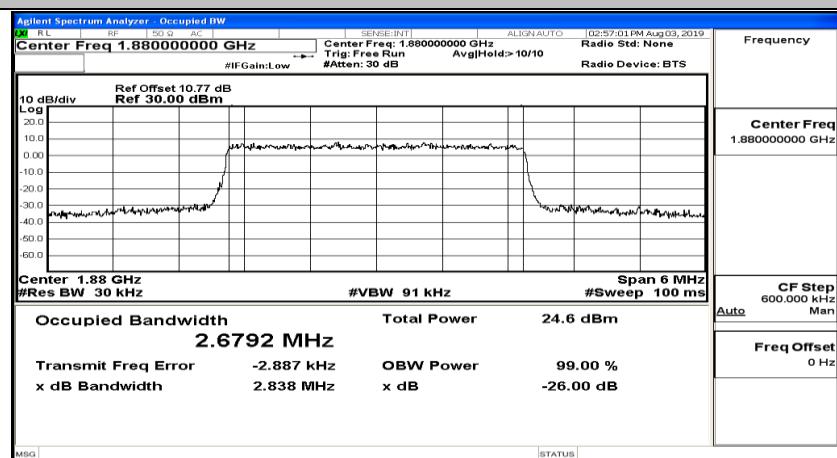
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



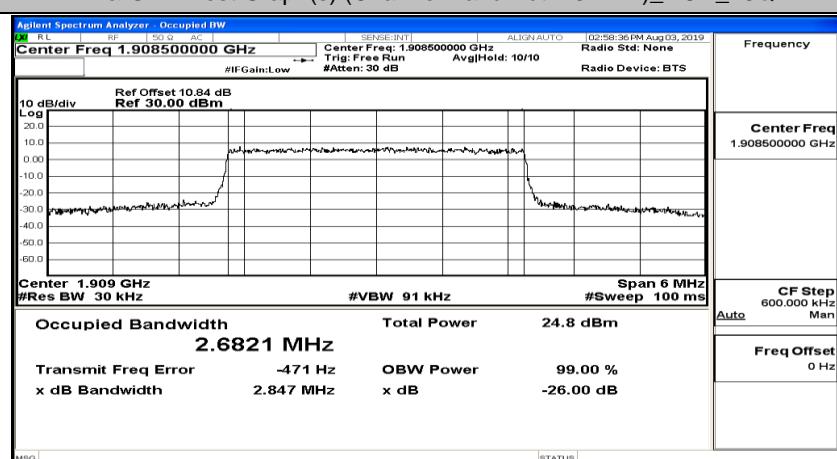
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



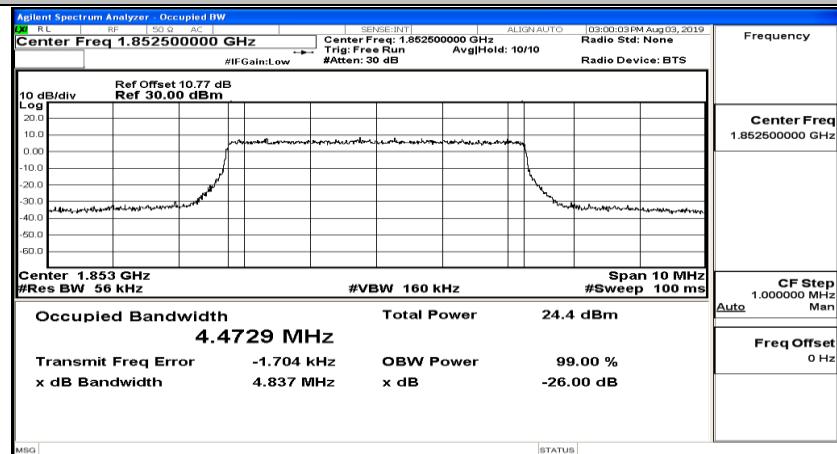
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



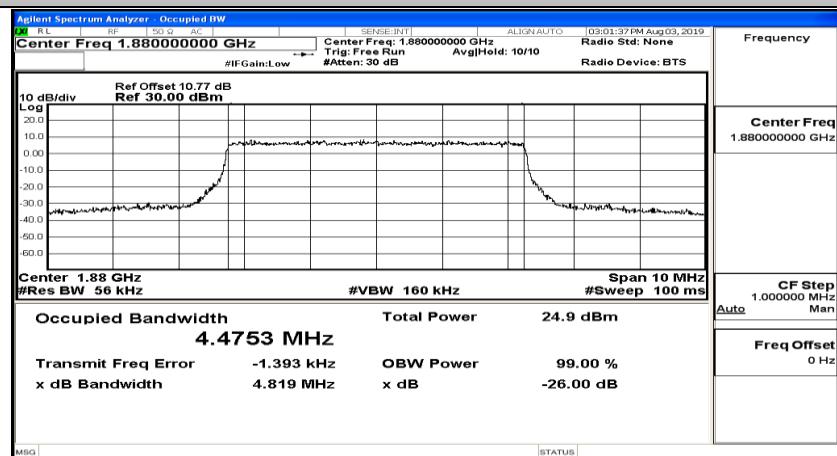
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



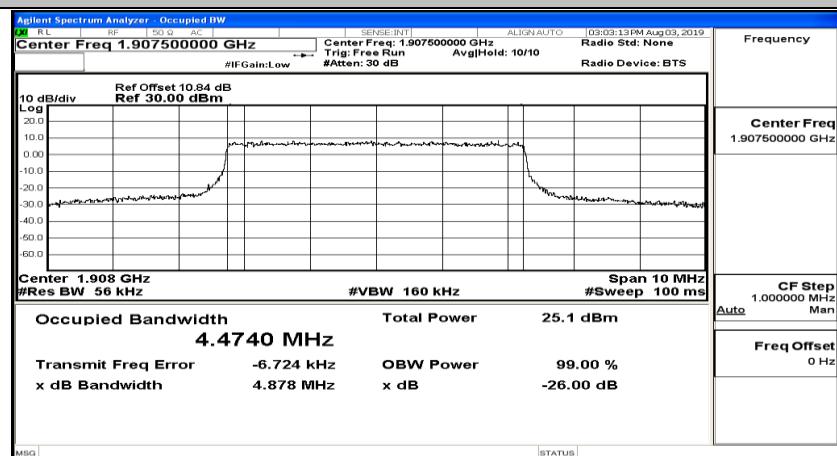
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



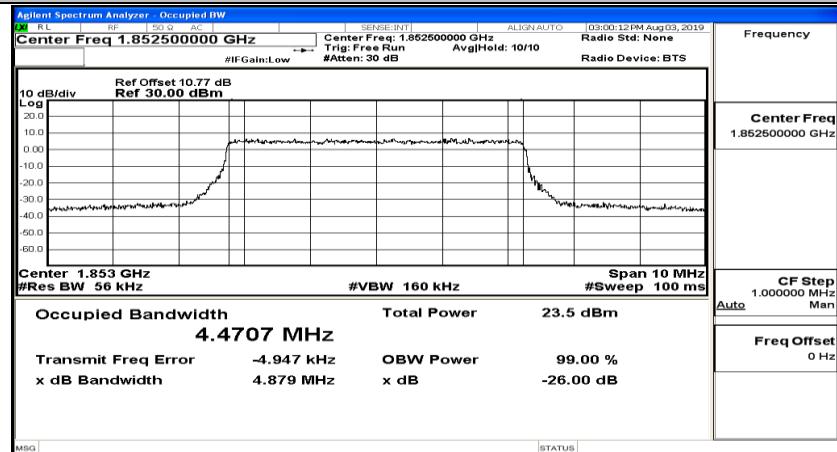
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



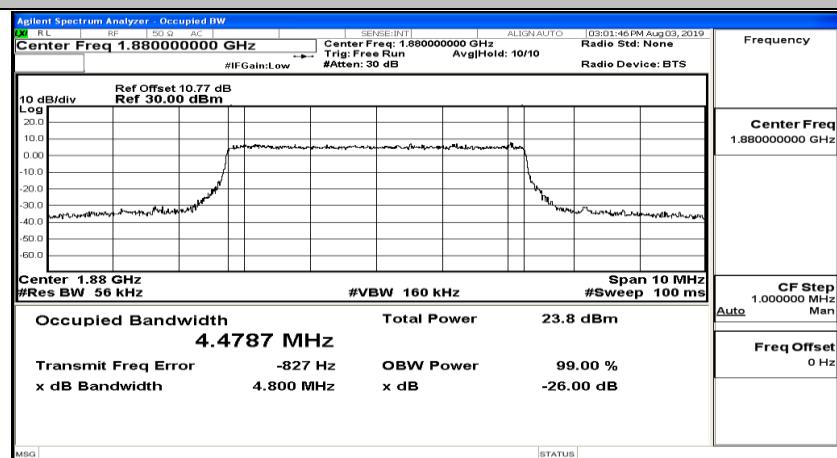
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



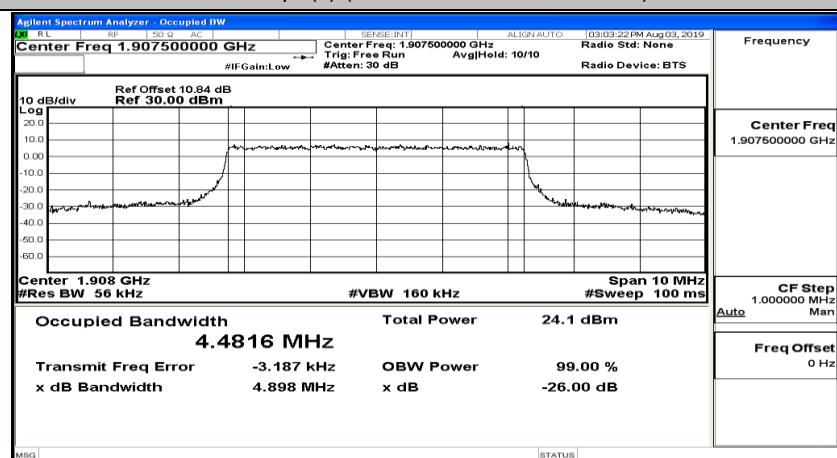
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



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



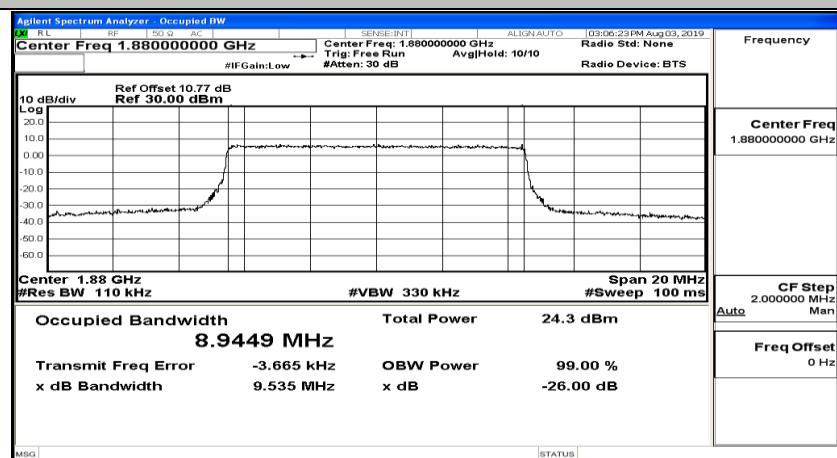
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



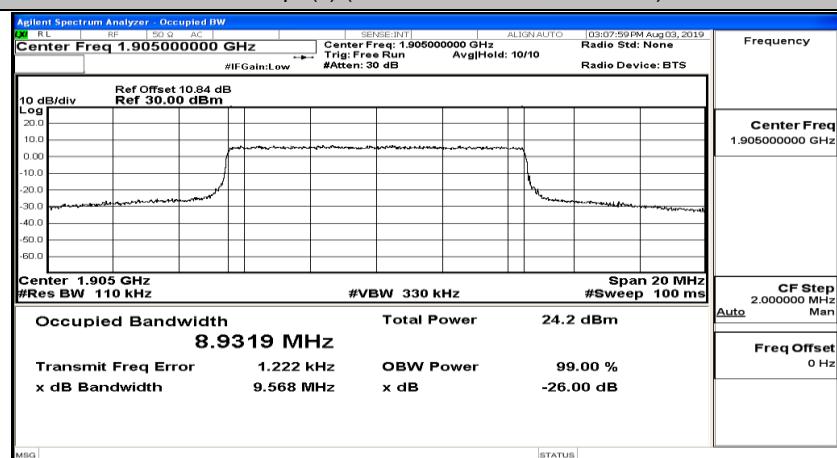
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



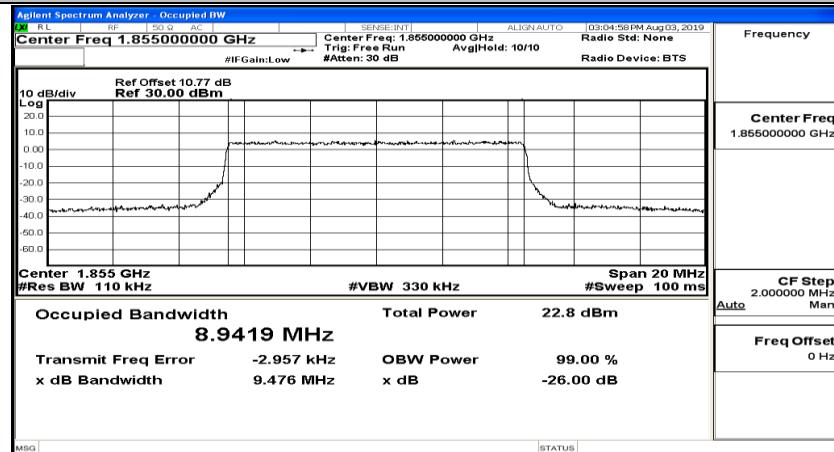
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



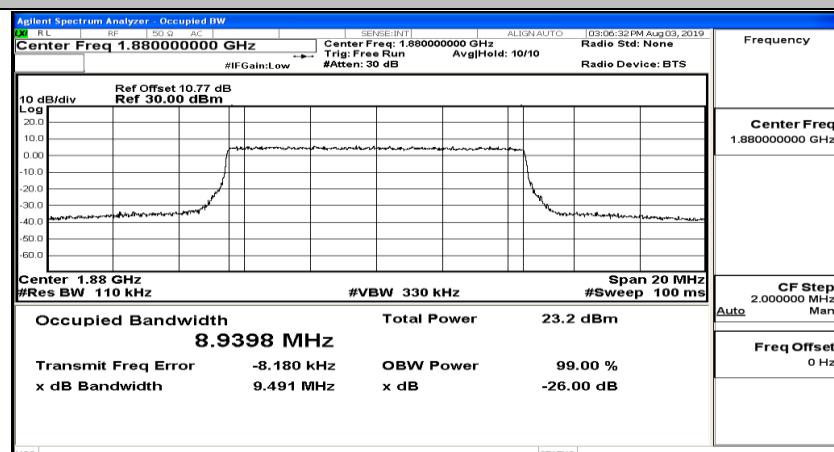
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



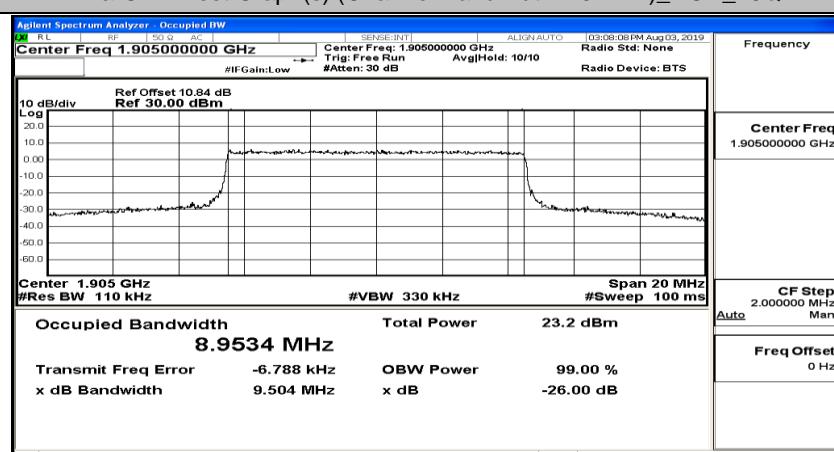
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



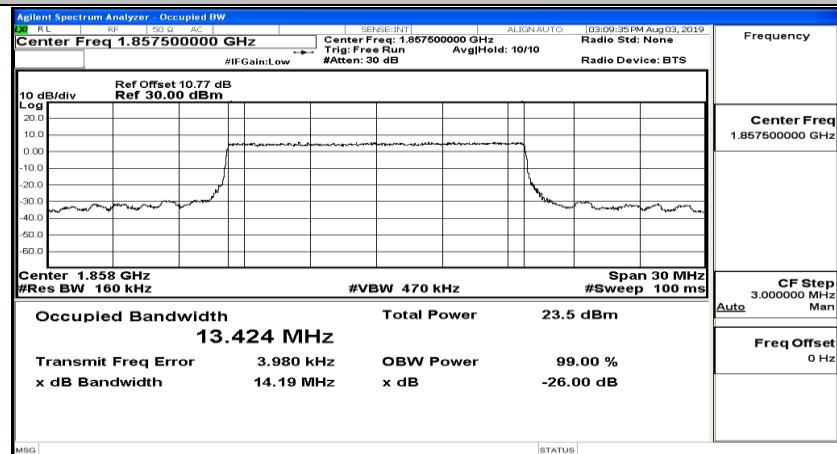
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



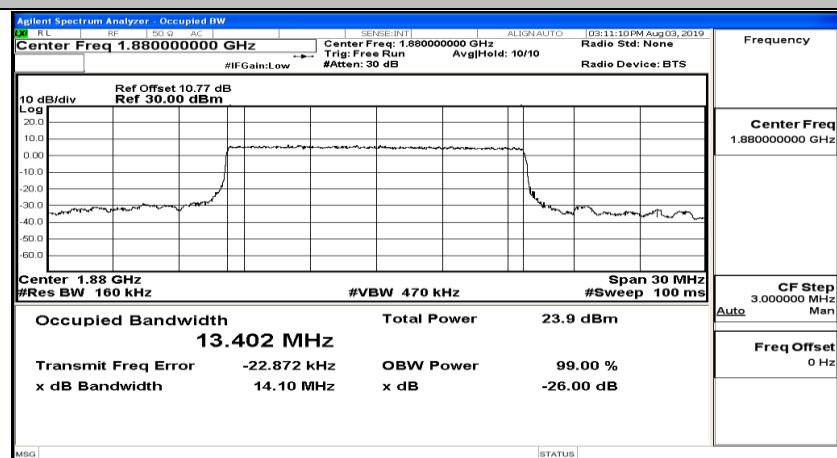
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



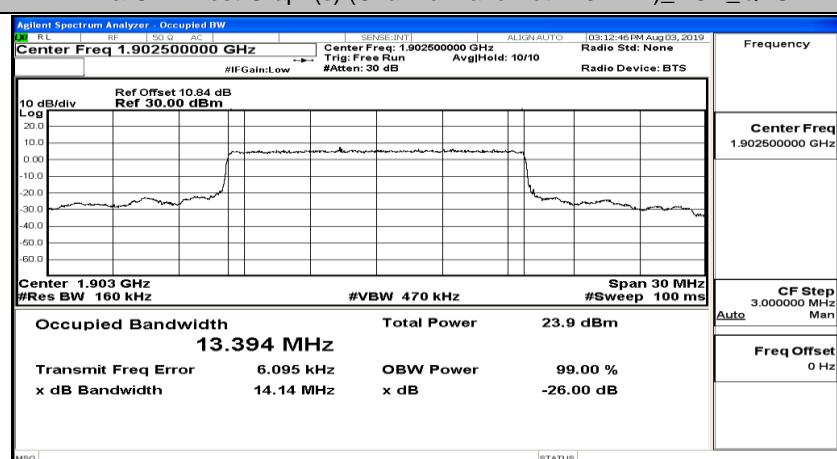
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



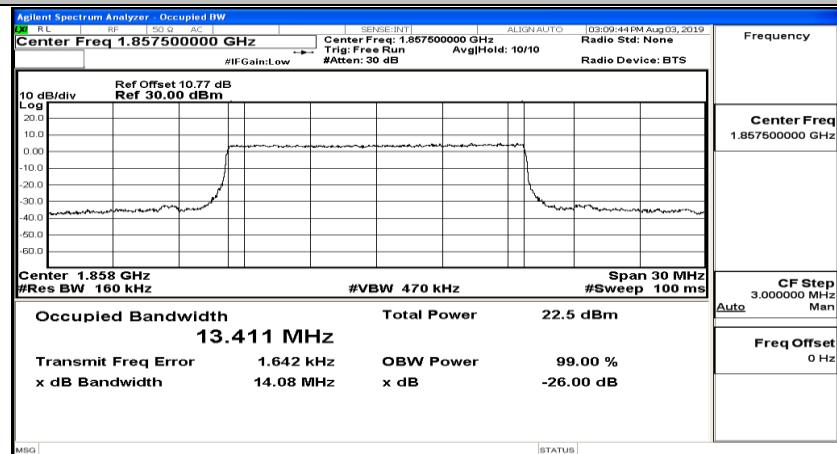
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



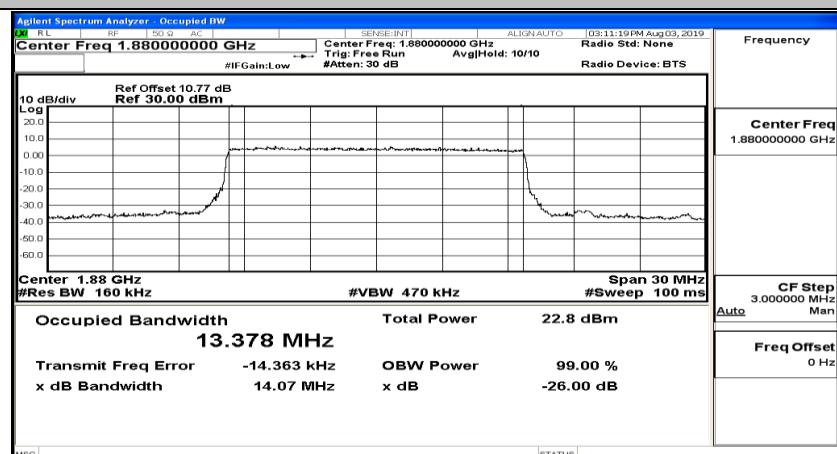
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



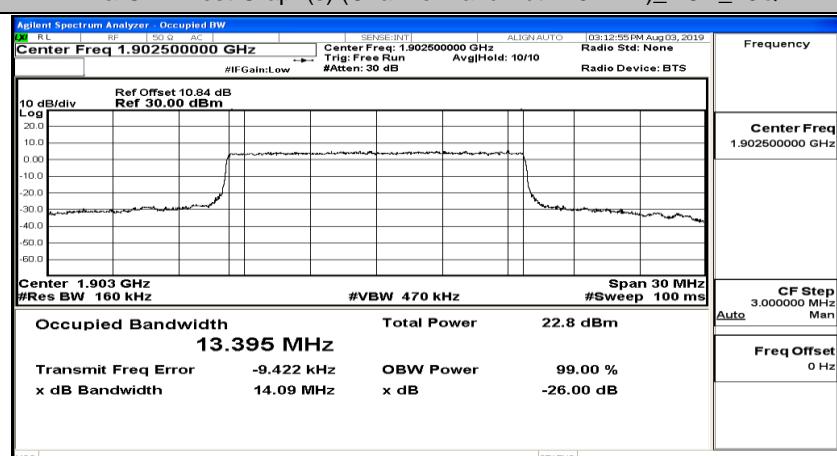
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



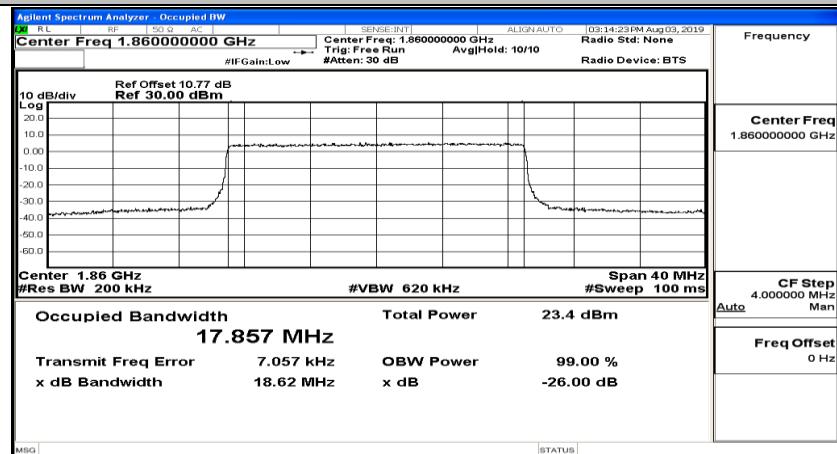
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



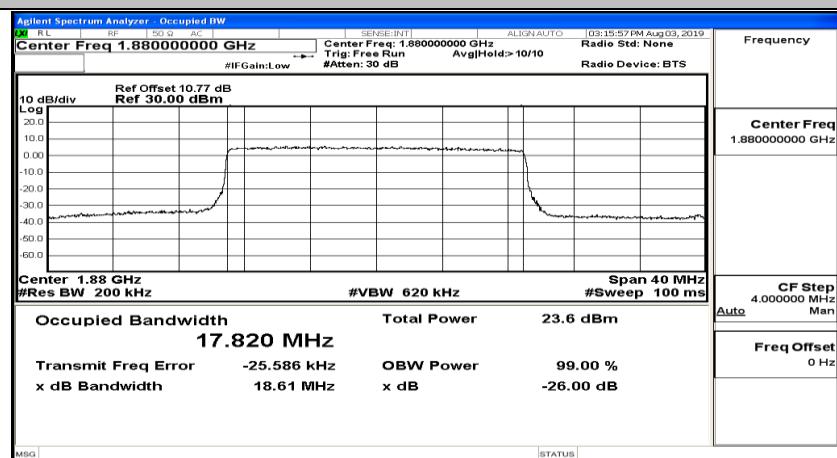
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



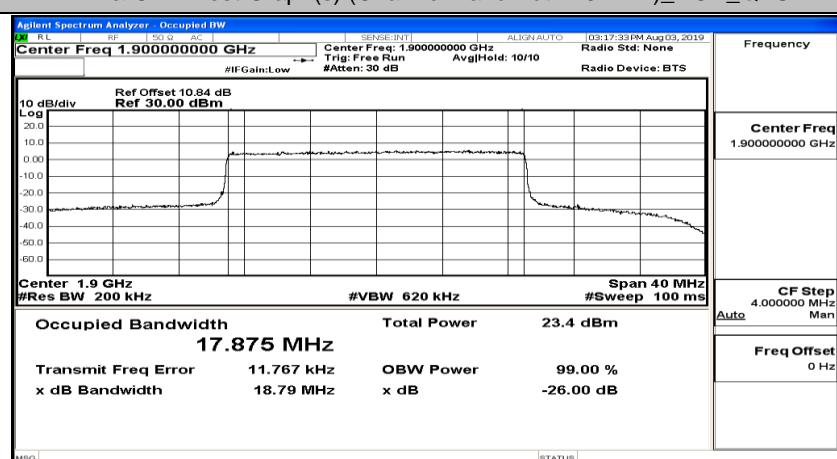
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



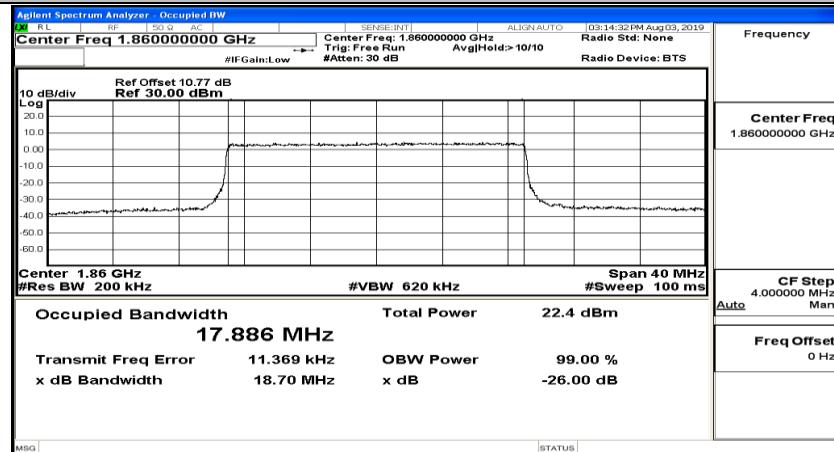
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



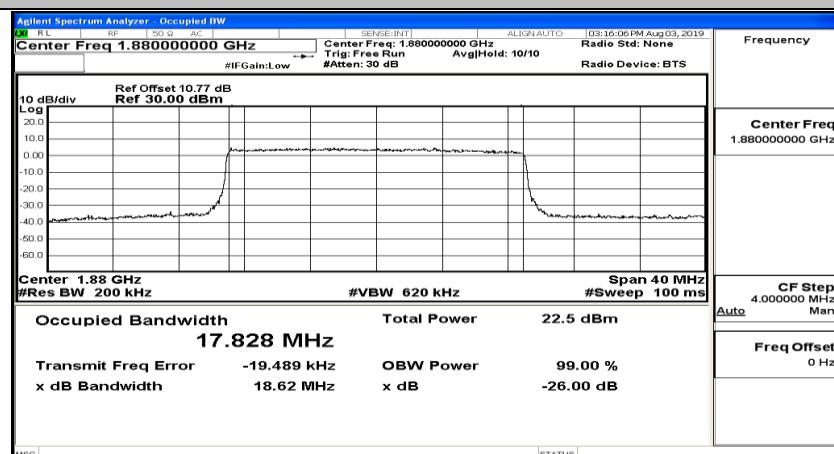
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



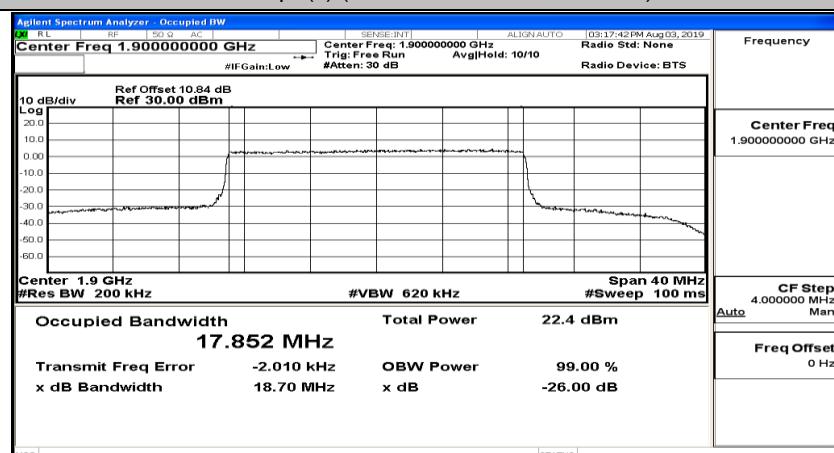
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



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

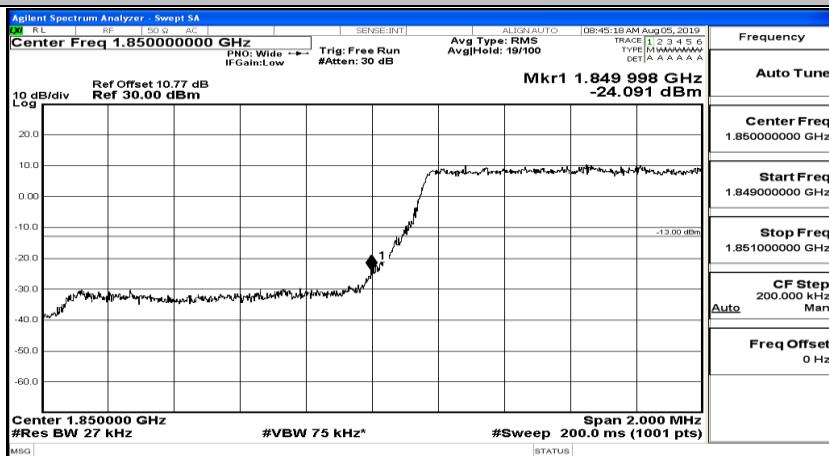


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM

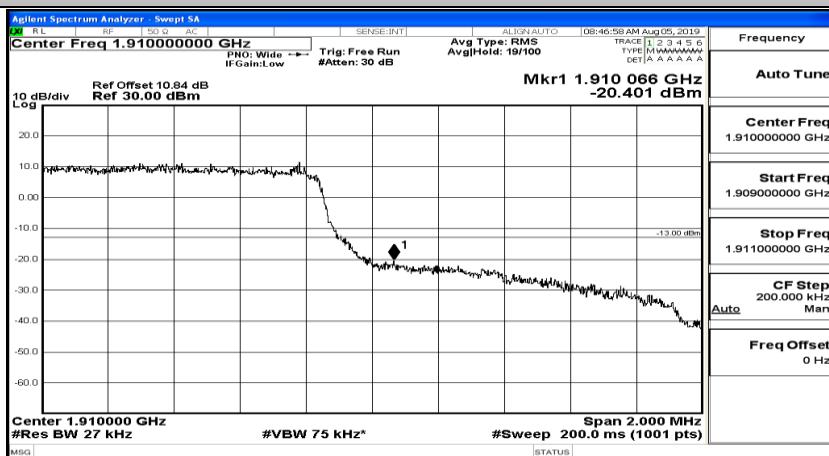


## D.4 Band Edge

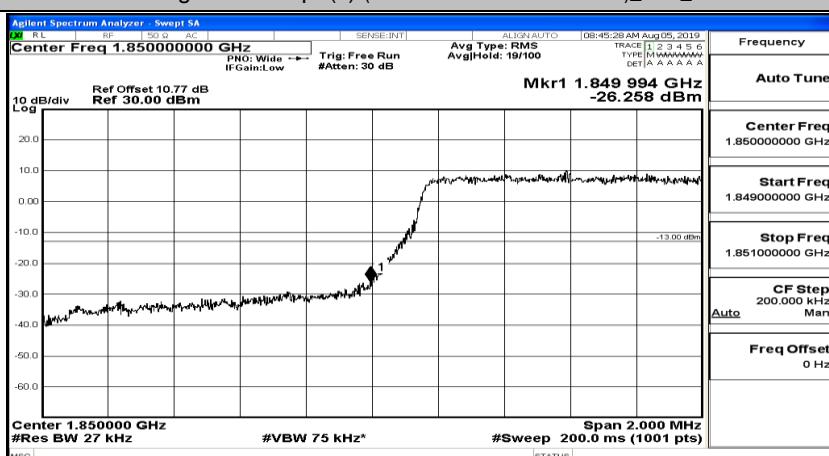
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



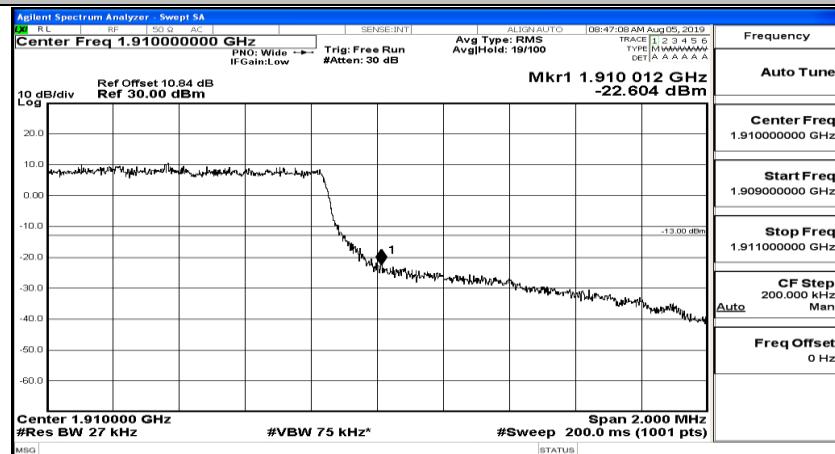
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



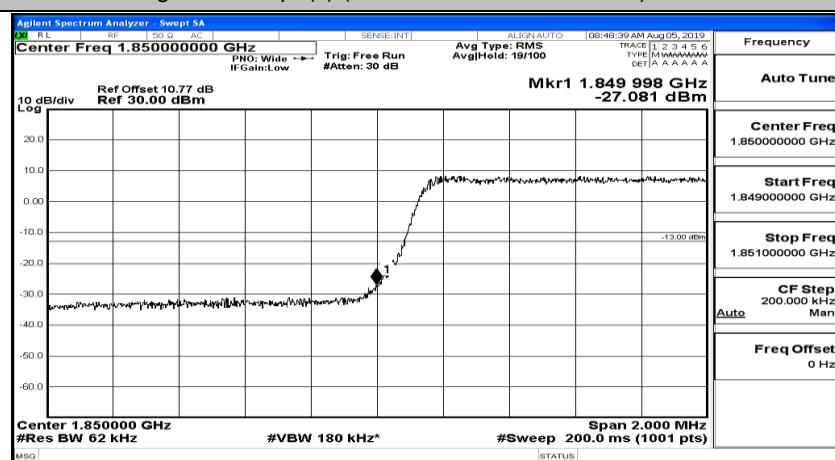
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



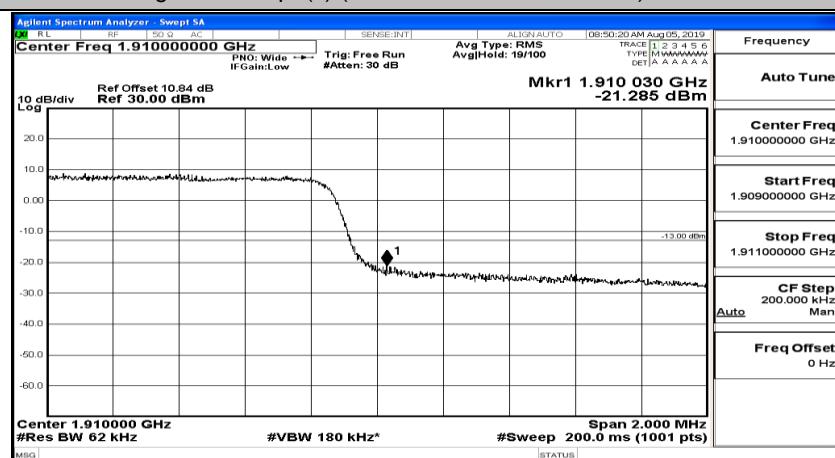
## Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



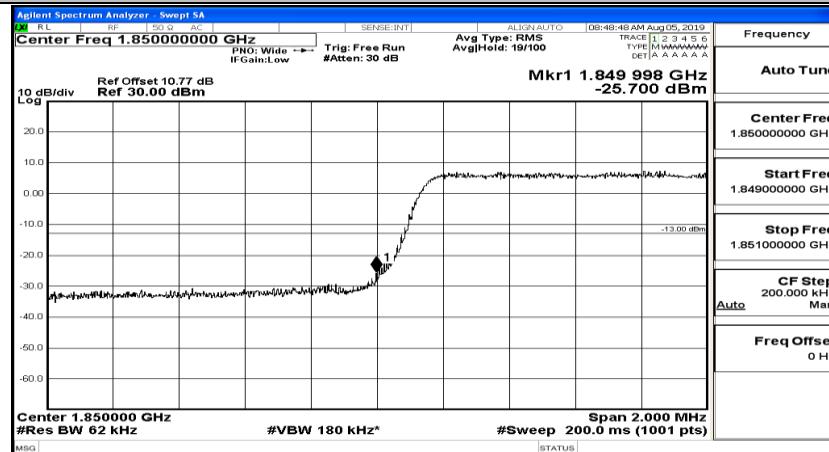
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



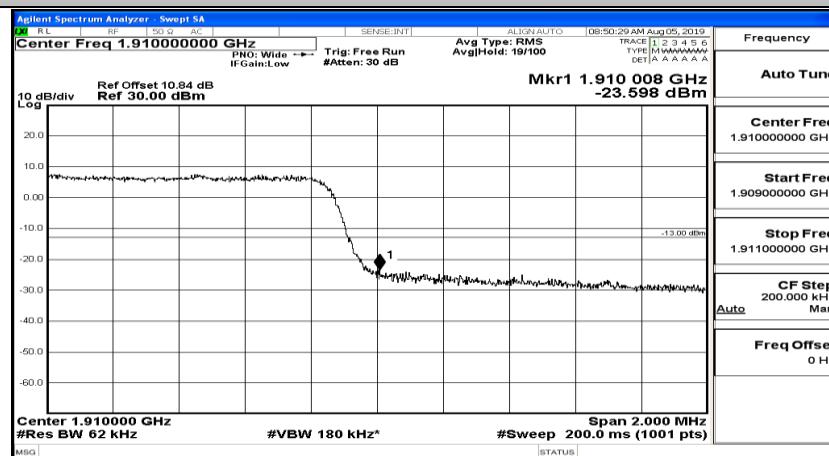
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



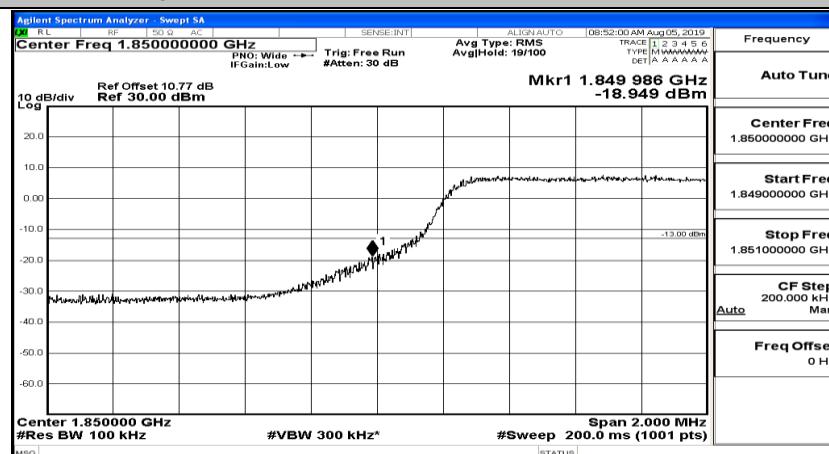
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



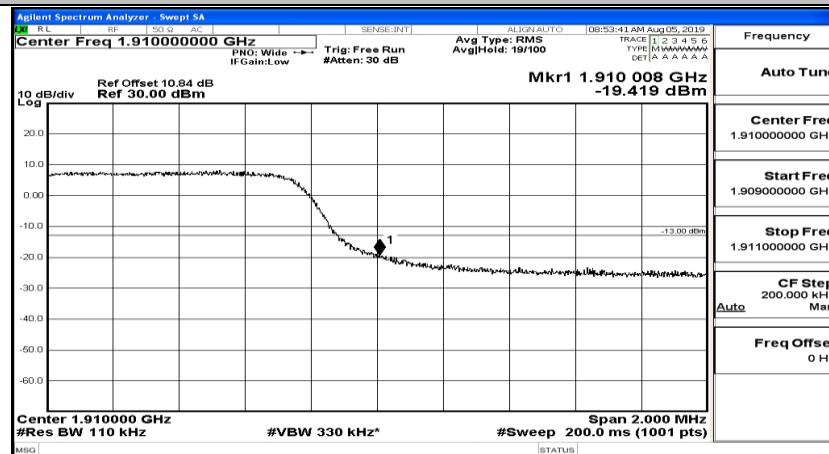
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



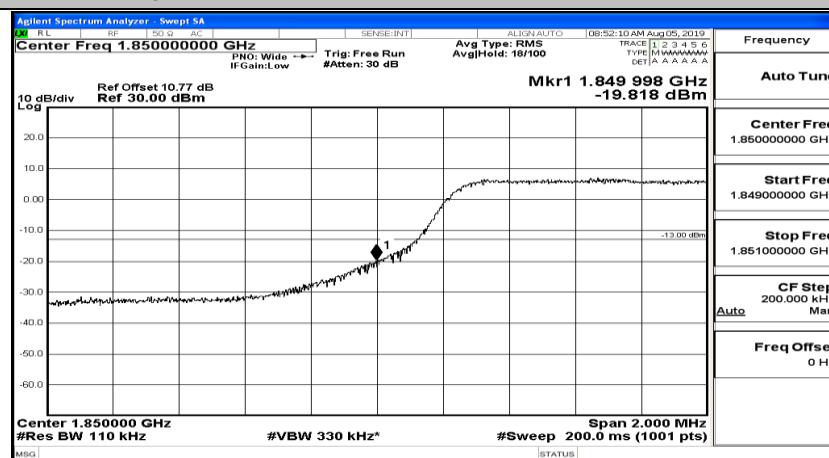
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



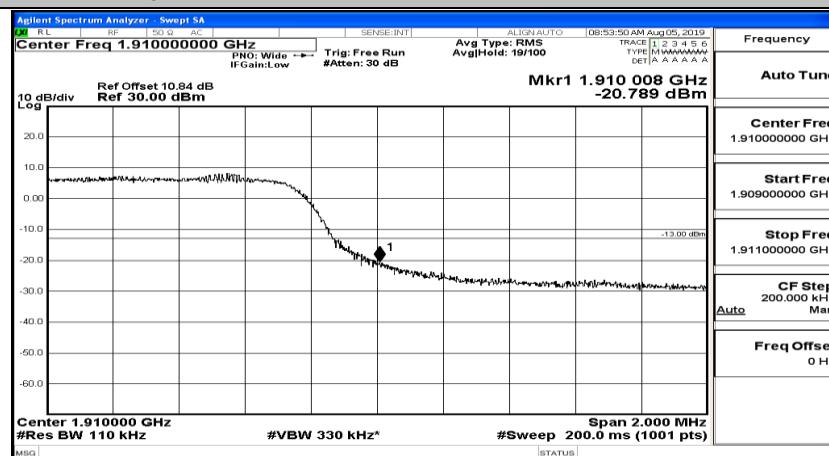
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



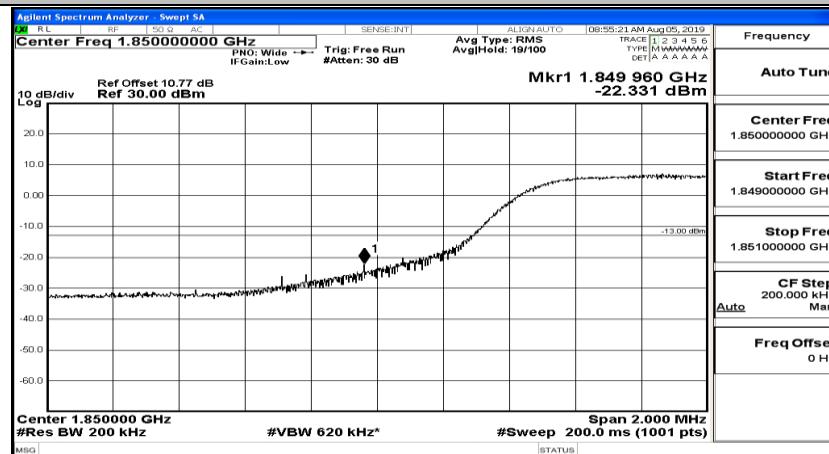
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



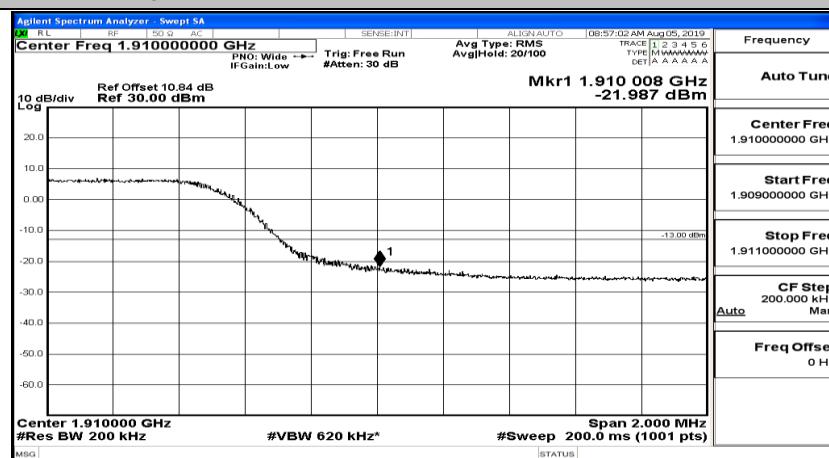
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



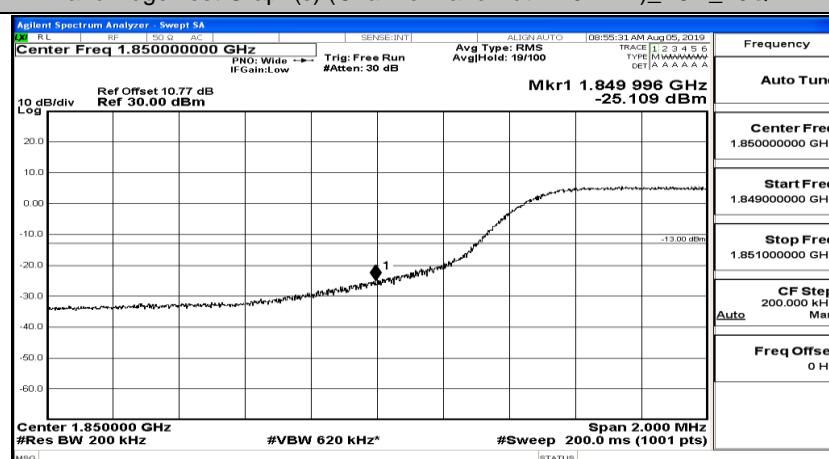
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



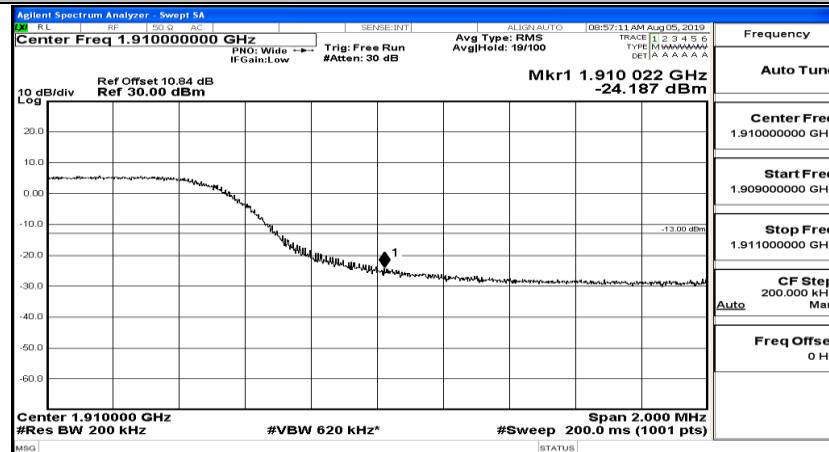
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



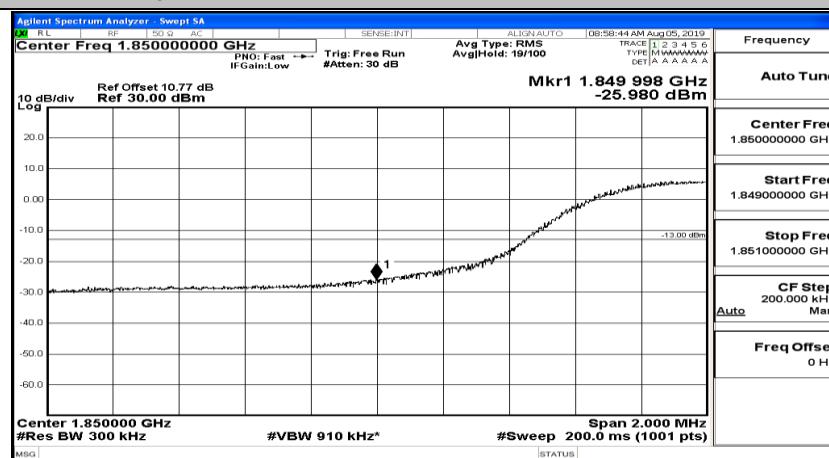
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



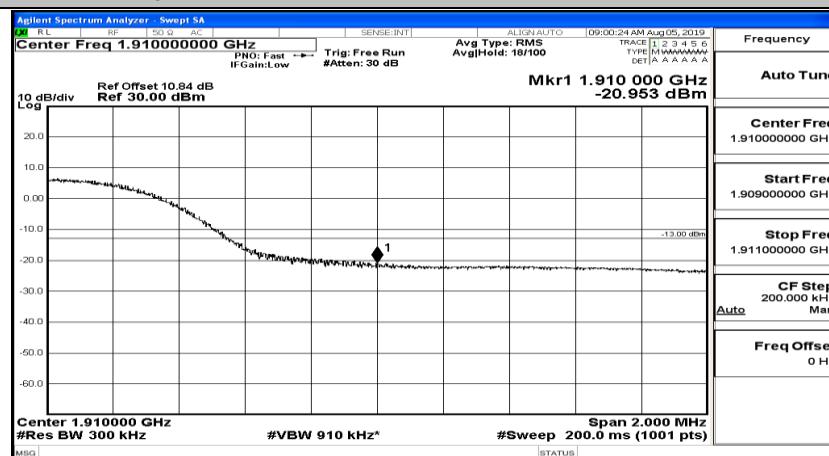
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



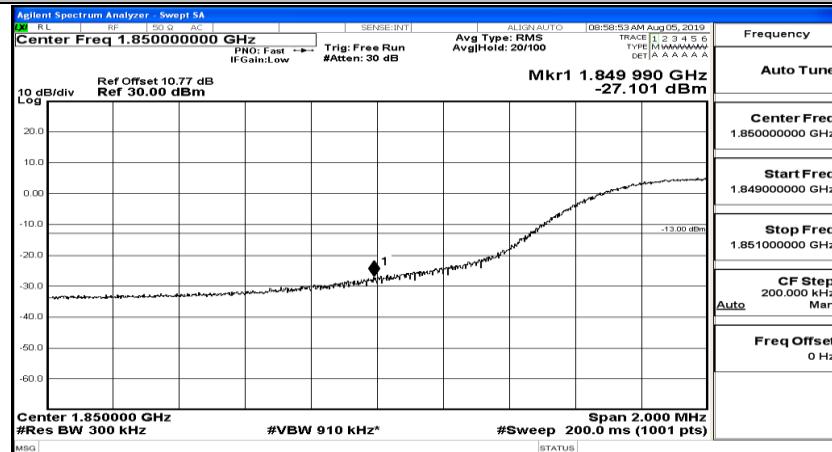
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



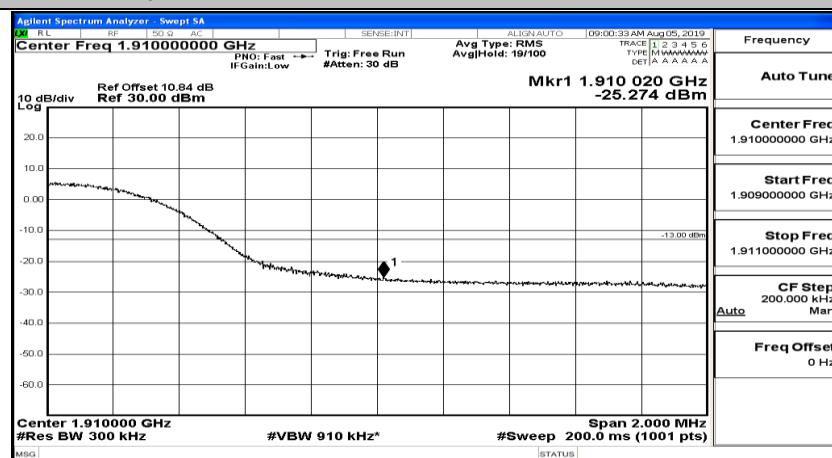
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



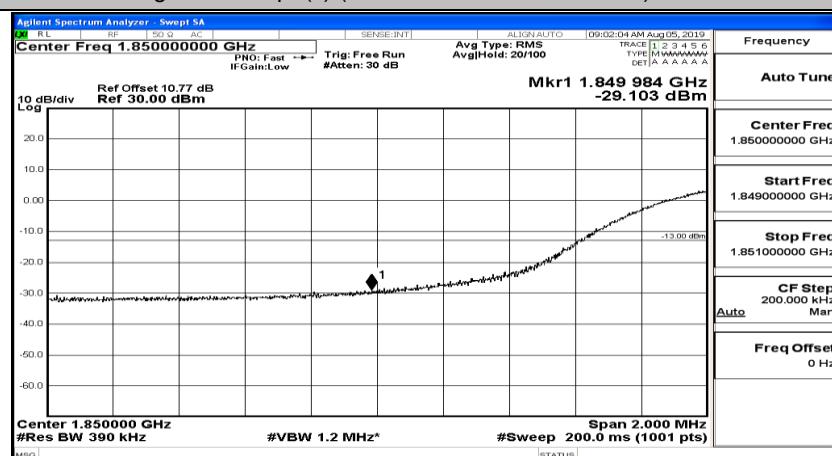
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



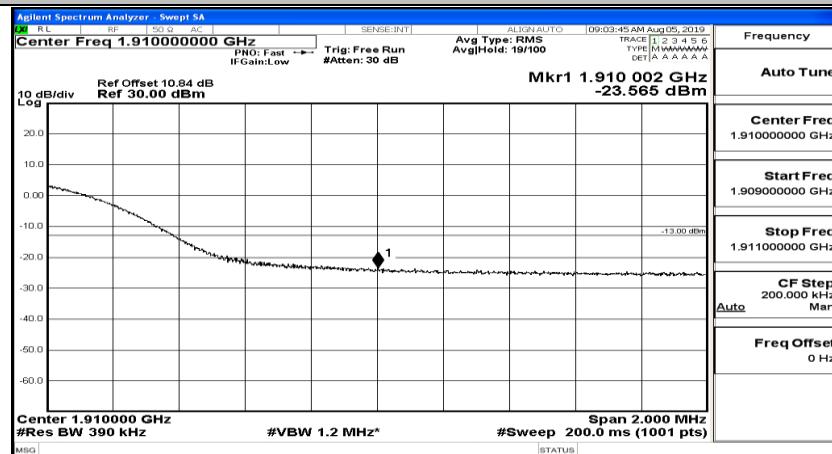
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



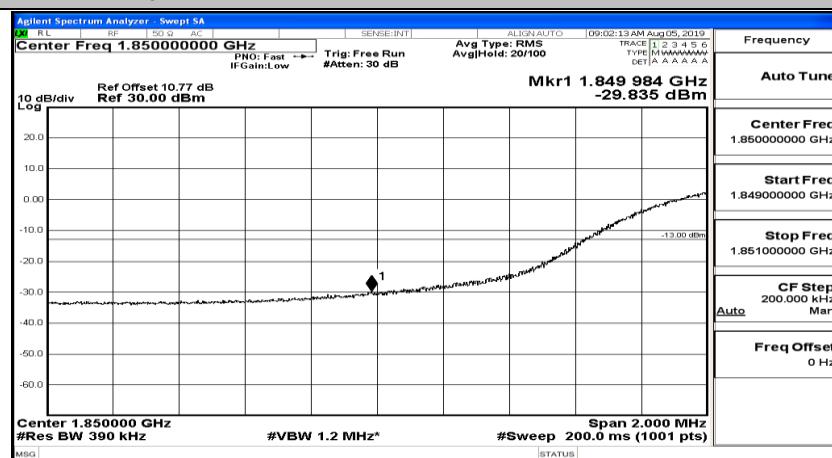
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



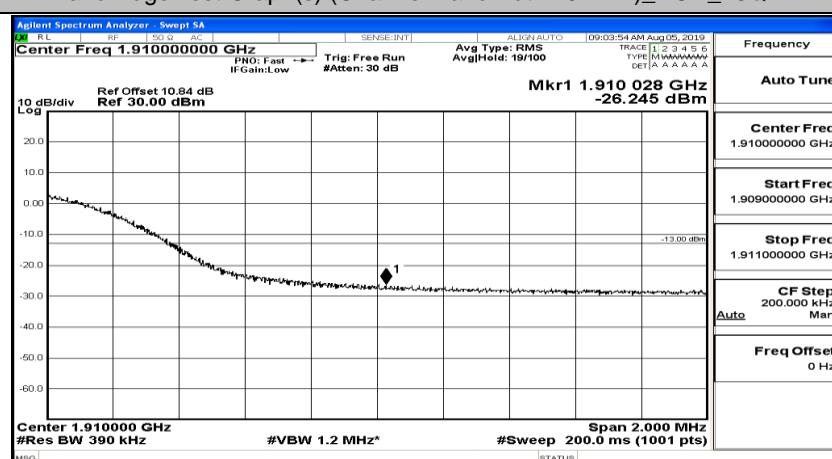
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



## 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

CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK

