

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

**Product Name: 5 inch 4G Smart Phone**

**Trade Mark: LOGIC, iSWAG, UNONU**

**Test Model: L50T**

**FCC ID: 055503719**

### Environmental Conditions

Temperature:	22.6 ° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Wang.Chuang
Supervised by:	TOM.LIU

### D.1: Effective (Isotropic) Radiated Power Output Data

#### Test Result

**Channel Bandwidth: 1.4 MHz**

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.73	22.82	PASS
		1	3	21.84	22.93	PASS
		1	5	21.71	22.80	PASS
		3	0	21.87	22.96	PASS
		3	2	21.88	22.97	PASS
		3	3	21.83	22.92	PASS
		6	0	20.86	21.95	PASS
	MCH	1	0	21.68	22.77	PASS
		1	3	21.84	22.93	PASS
		1	5	21.77	22.86	PASS
		3	0	21.78	22.87	PASS
		3	2	21.81	22.90	PASS
		3	3	21.83	22.92	PASS
		6	0	20.78	21.87	PASS
	HCH	1	0	21.08	22.17	PASS

		1	3	21.28	22.37	PASS
		1	5	21.16	22.25	PASS
		3	0	21.17	22.26	PASS
		3	2	21.26	22.35	PASS
		3	3	21.25	22.34	PASS
		6	0	20.21	21.30	PASS
16QAM	LCH	1	0	21.01	22.10	PASS
		1	3	21.28	22.37	PASS
		1	5	21.08	22.17	PASS
		3	0	21.07	22.16	PASS
		3	2	21.08	22.17	PASS
		3	3	21.04	22.13	PASS
		6	0	19.84	20.93	PASS
	MCH	1	0	21.10	22.19	PASS
		1	3	21.16	22.25	PASS
		1	5	21.19	22.28	PASS
		3	0	20.84	21.93	PASS
		3	2	20.93	22.02	PASS
		3	3	20.94	22.03	PASS
		6	0	19.70	20.79	PASS
	HCH	1	0	20.39	21.48	PASS
		1	3	20.57	21.66	PASS
		1	5	20.44	21.53	PASS
		3	0	20.28	21.37	PASS
		3	2	20.31	21.40	PASS
		3	3	20.34	21.43	PASS
		6	0	19.32	20.41	PASS

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Configuration				
		Size	Offset			
QPSK	LCH	1	0	21.83	22.92	PASS
		1	7	22.10	23.19	PASS
		1	14	21.83	22.92	PASS
		8	0	20.86	21.95	PASS
		8	4	20.94	22.03	PASS
		8	7	20.83	21.92	PASS
		15	0	20.87	21.96	PASS
	MCH	1	0	21.61	22.7	PASS
		1	7	21.99	23.08	PASS
		1	14	21.80	22.89	PASS

		8	0	20.73	21.82	PASS
		8	4	20.81	21.9	PASS
		8	7	20.79	21.88	PASS
		15	0	20.75	21.84	PASS
	HCH	1	0	20.98	22.07	PASS
		1	7	21.34	22.43	PASS
		1	14	21.13	22.22	PASS
		8	0	20.12	21.21	PASS
		8	4	20.15	21.24	PASS
		8	7	20.12	21.21	PASS
		15	0	20.07	21.16	PASS
16QAM	LCH	1	0	21.19	22.28	PASS
		1	7	21.45	22.54	PASS
		1	14	21.13	22.22	PASS
		8	0	19.96	21.05	PASS
		8	4	19.98	21.07	PASS
		8	7	19.88	20.97	PASS
		15	0	19.86	20.95	PASS
	MCH	1	0	20.99	22.08	PASS
		1	7	21.29	22.38	PASS
		1	14	21.09	22.18	PASS
		8	0	19.76	20.85	PASS
		8	4	19.90	20.99	PASS
		8	7	19.83	20.92	PASS
		15	0	19.73	20.82	PASS
	HCH	1	0	20.41	21.5	PASS
		1	7	20.72	21.81	PASS
		1	14	20.58	21.67	PASS
		8	0	19.07	20.16	PASS
		8	4	19.10	20.19	PASS
		8	7	19.06	20.15	PASS
		15	0	19.04	20.13	PASS

### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.79	22.88	PASS
		1	12	22.09	23.18	PASS
		1	24	21.61	22.7	PASS
		12	0	20.87	21.96	PASS
		12	6	20.92	22.01	PASS
		12	13	20.79	21.88	PASS

	MCH	25	0	20.90	21.99	PASS
		1	0	21.50	22.59	PASS
		1	12	22.06	23.15	PASS
		1	24	21.70	22.79	PASS
		12	0	20.70	21.79	PASS
		12	6	20.74	21.83	PASS
		12	13	20.77	21.86	PASS
		25	0	20.77	21.86	PASS
	HCH	1	0	20.85	21.94	PASS
		1	12	21.30	22.39	PASS
		1	24	21.01	22.1	PASS
		12	0	19.99	21.08	PASS
		12	6	20.07	21.16	PASS
		12	13	20.00	21.09	PASS
		25	0	20.01	21.1	PASS
16QAM	LCH	1	0	21.20	22.29	PASS
		1	12	21.53	22.62	PASS
		1	24	21.07	22.16	PASS
		12	0	20.12	21.21	PASS
		12	6	20.09	21.18	PASS
		12	13	19.96	21.05	PASS
		25	0	19.90	20.99	PASS
	MCH	1	0	20.87	21.96	PASS
		1	12	21.42	22.51	PASS
		1	24	21.19	22.28	PASS
		12	0	19.87	20.96	PASS
		12	6	20.00	21.09	PASS
		12	13	19.93	21.02	PASS
		25	0	19.79	20.88	PASS
	HCH	1	0	19.93	21.02	PASS
		1	12	20.34	21.43	PASS
		1	24	20.08	21.17	PASS
		12	0	19.01	20.1	PASS
		12	6	19.18	20.27	PASS
		12	13	19.07	20.16	PASS
		25	0	19.03	20.12	PASS

**Channel Bandwidth: 10 MHz**

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.82	22.91	PASS
		1	24	21.87	22.96	PASS
		1	49	21.31	22.40	PASS
		25	0	20.89	21.98	PASS
		25	12	20.73	21.82	PASS
		25	25	20.55	21.64	PASS
		50	0	20.74	21.83	PASS
	MCH	1	0	21.36	22.45	PASS
		1	24	21.93	23.02	PASS
		1	49	21.85	22.94	PASS
		25	0	20.68	21.77	PASS
		25	12	20.80	21.89	PASS
		25	25	20.90	21.99	PASS
		50	0	20.77	21.86	PASS
	HCH	1	0	20.84	21.93	PASS
		1	24	21.12	22.21	PASS
		1	49	21.06	22.15	PASS
		25	0	19.93	21.02	PASS
		25	12	20.00	21.09	PASS
		25	25	19.96	21.05	PASS
		50	0	19.95	21.04	PASS
16QAM	LCH	1	0	21.13	22.22	PASS
		1	24	21.22	22.31	PASS
		1	49	20.62	21.71	PASS
		25	0	19.93	21.02	PASS
		25	12	19.77	20.86	PASS
		25	25	19.56	20.65	PASS
		50	0	19.74	20.83	PASS
	MCH	1	0	20.63	21.72	PASS
		1	24	21.21	22.30	PASS
		1	49	21.17	22.26	PASS
		25	0	19.72	20.81	PASS
		25	12	19.78	20.87	PASS
		25	25	19.87	20.96	PASS
		50	0	19.81	20.90	PASS
	HCH	1	0	20.32	21.41	PASS
		1	24	20.49	21.58	PASS
		1	49	20.50	21.59	PASS
		25	0	18.96	20.05	PASS

		25	12	18.98	20.07	PASS
		25	25	18.99	20.08	PASS
		50	0	18.93	20.02	PASS

**Channel Bandwidth: 15 MHz**

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.86	22.95	PASS
		1	37	21.73	22.82	PASS
		1	74	20.94	22.03	PASS
		37	0	20.80	21.89	PASS
		37	18	20.56	21.65	PASS
		37	38	20.29	21.38	PASS
		75	0	20.53	21.62	PASS
	MCH	1	0	21.09	22.18	PASS
		1	37	21.98	23.07	PASS
		1	74	21.71	22.80	PASS
		37	0	20.55	21.64	PASS
		37	18	20.79	21.88	PASS
		37	38	20.93	22.02	PASS
		75	0	20.77	21.86	PASS
	HCH	1	0	21.09	22.18	PASS
		1	37	21.05	22.14	PASS
		1	74	21.02	22.11	PASS
		37	0	19.99	21.08	PASS
		37	18	19.98	21.07	PASS
		37	38	19.99	21.08	PASS
		75	0	19.98	21.07	PASS
16QAM	LCH	1	0	21.16	22.25	PASS
		1	37	20.97	22.06	PASS
		1	74	20.28	21.37	PASS
		37	0	19.79	20.88	PASS
		37	18	19.56	20.65	PASS
		37	38	19.28	20.37	PASS
		75	0	19.56	20.65	PASS
	MCH	1	0	20.37	21.46	PASS
		1	37	21.27	22.36	PASS
		1	74	21.06	22.15	PASS
		37	0	19.56	20.65	PASS
		37	18	19.80	20.89	PASS
		37	38	19.90	20.99	PASS
		75	0	19.77	20.86	PASS

	HCH	1	0	20.48	21.57	PASS
		1	37	20.37	21.46	PASS
		1	74	20.35	21.44	PASS
		37	0	19.05	20.14	PASS
		37	18	19.00	20.09	PASS
		37	38	19.03	20.12	PASS
		75	0	19.03	20.12	PASS

**Channel Bandwidth: 20 MHz**

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.80	22.89	PASS
		1	49	21.58	22.67	PASS
		1	99	20.88	21.97	PASS
		50	0	20.64	21.73	PASS
		50	25	20.36	21.45	PASS
		50	50	20.20	21.29	PASS
		100	0	20.43	21.52	PASS
	MCH	1	0	20.98	22.07	PASS
		1	49	22.00	23.09	PASS
		1	99	21.65	22.74	PASS
		50	0	20.48	21.57	PASS
		50	25	20.74	21.83	PASS
		50	50	20.94	22.03	PASS
		100	0	20.67	21.76	PASS
	HCH	1	0	21.50	22.59	PASS
		1	49	21.17	22.26	PASS
		1	99	20.98	22.07	PASS
		50	0	20.40	21.49	PASS
		50	25	20.03	21.12	PASS
		50	50	19.93	21.02	PASS
		100	0	20.15	21.24	PASS
16QAM	LCH	1	0	21.03	22.12	PASS
		1	49	20.79	21.88	PASS
		1	99	20.09	21.18	PASS
		50	0	19.63	20.72	PASS
		50	25	19.37	20.46	PASS
		50	50	19.19	20.28	PASS
		100	0	19.40	20.49	PASS
	MCH	1	0	20.20	21.29	PASS
		1	49	21.17	22.26	PASS
		1	99	20.82	21.91	PASS

		50	0	19.47	20.56	PASS
		50	25	19.73	20.82	PASS
		50	50	19.91	21.00	PASS
		100	0	19.67	20.76	PASS
	HCH	1	0	20.87	21.96	PASS
		1	49	20.54	21.63	PASS
		1	99	20.37	21.46	PASS
		50	0	19.43	20.52	PASS
		50	25	19.03	20.12	PASS
		50	50	18.94	20.03	PASS
		100	0	19.18	20.27	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	5.71	<13	PASS
	MCH	5.5	<13	PASS
	HCH	5.27	<13	PASS
16QAM	LCH	6.73	<13	PASS
	MCH	6.44	<13	PASS
	HCH	6.18	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.77	<13	PASS
	MCH	5.58	<13	PASS
	HCH	5.48	<13	PASS
16QAM	LCH	6.61	<13	PASS
	MCH	6.5	<13	PASS
	HCH	6.27	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.85	<13	PASS
	MCH	5.65	<13	PASS
	HCH	5.44	<13	PASS
16QAM	LCH	6.63	<13	PASS
	MCH	6.5	<13	PASS
	HCH	6.22	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.84	<13	PASS
	MCH	5.65	<13	PASS
	HCH	5.57	<13	PASS
16QAM	LCH	6.53	<13	PASS
	MCH	6.34	<13	PASS
	HCH	6.26	<13	PASS

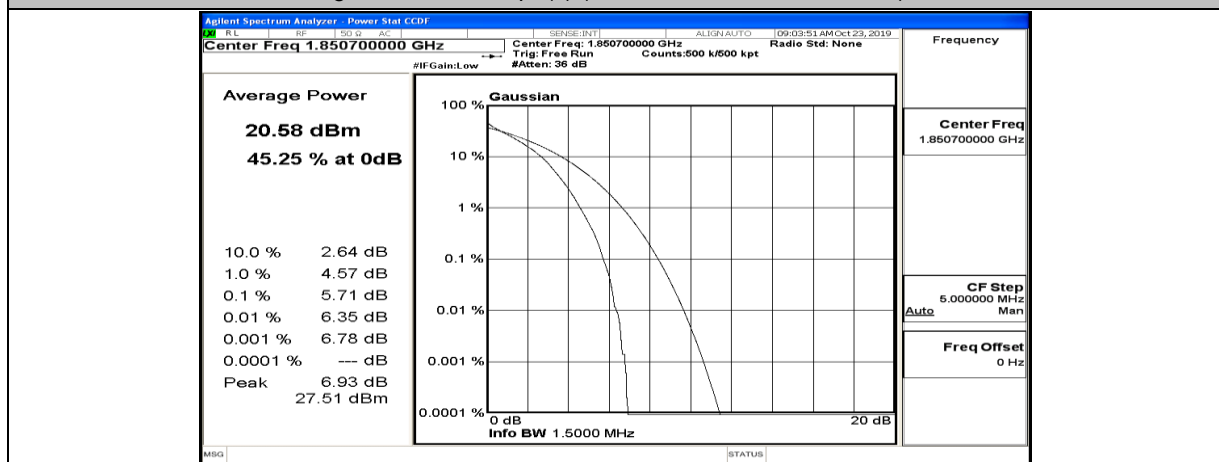
**Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.06	<13	PASS
	MCH	4.96	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	6.38	<13	PASS
	MCH	6.27	<13	PASS
	HCH	6.21	<13	PASS

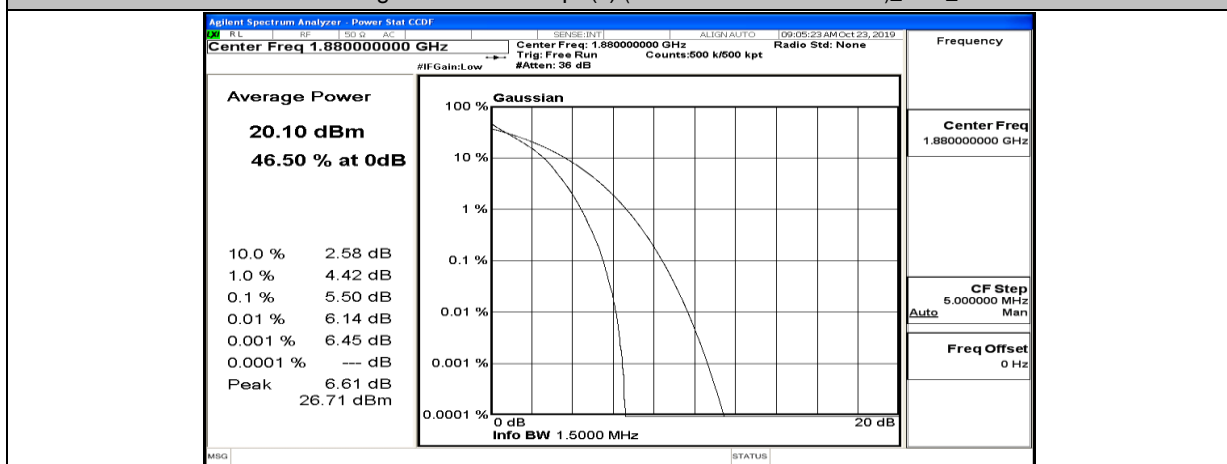
**Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.68	<13	PASS
	MCH	5.7	<13	PASS
	HCH	5.69	<13	PASS
16QAM	LCH	6.81	<13	PASS
	MCH	6.75	<13	PASS
	HCH	6.7	<13	PASS

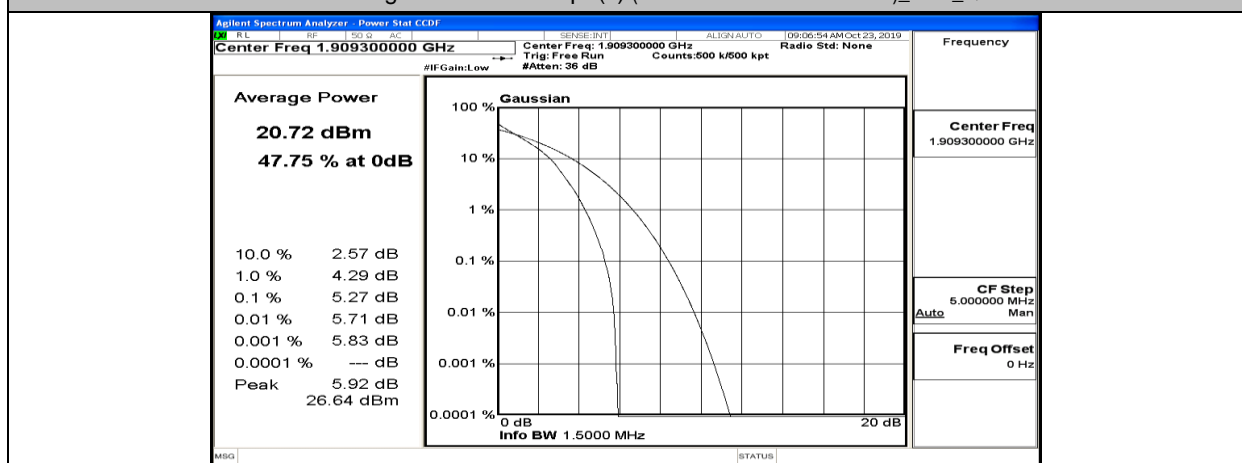
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



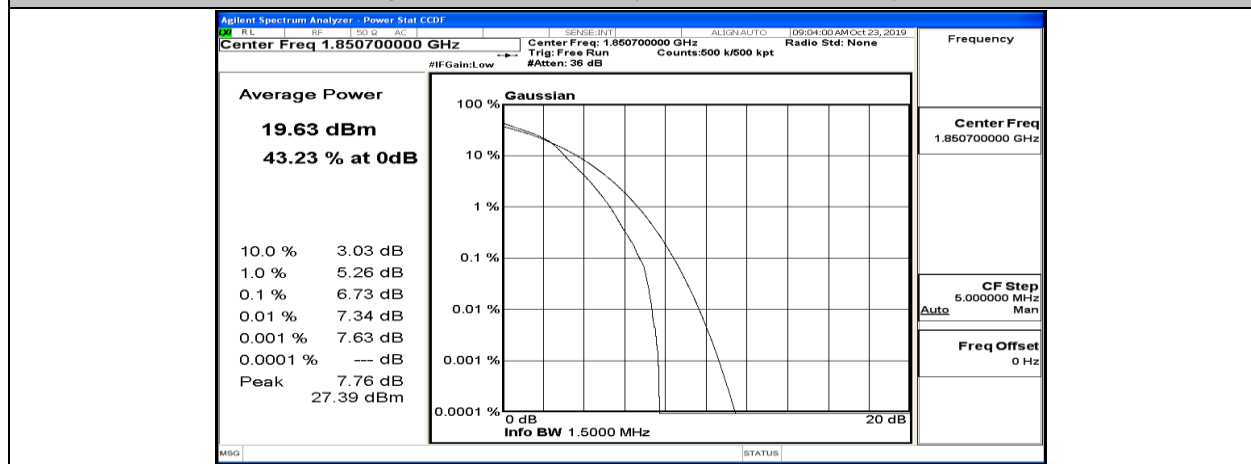
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



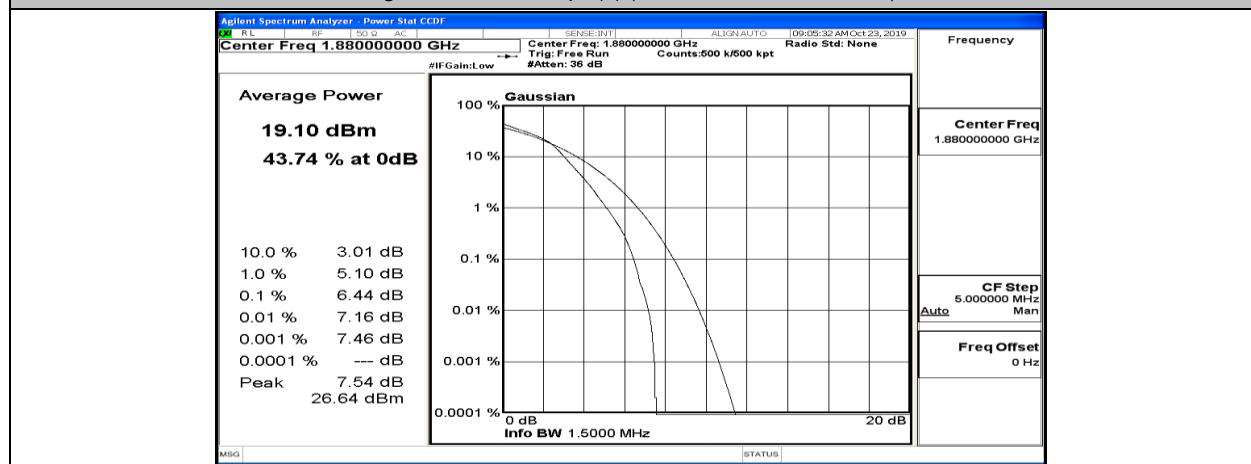
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



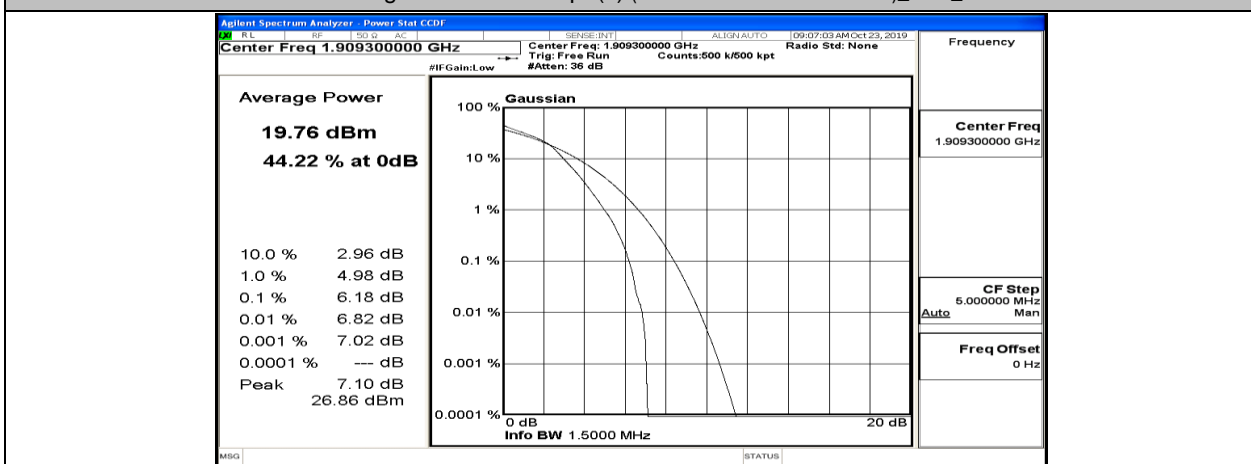
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



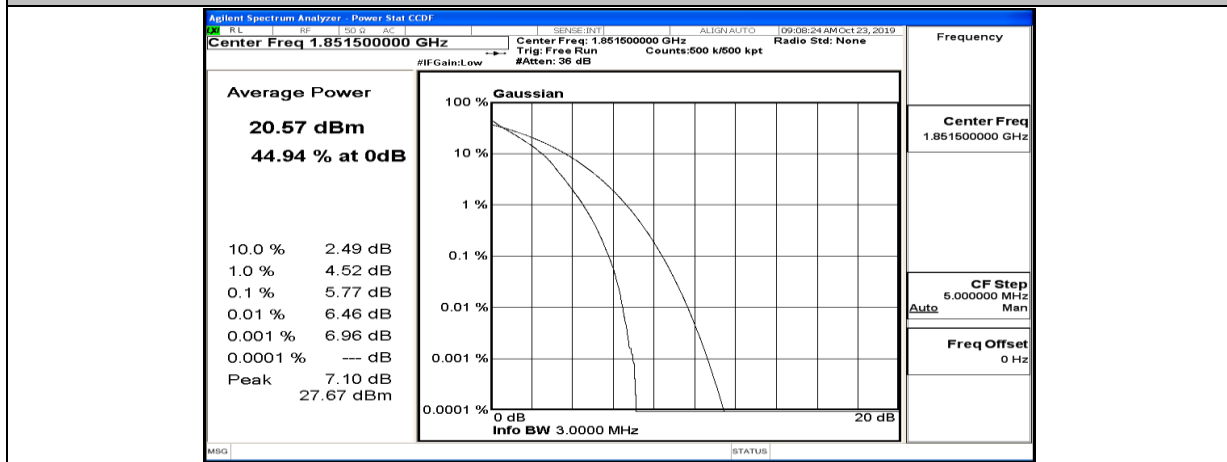
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



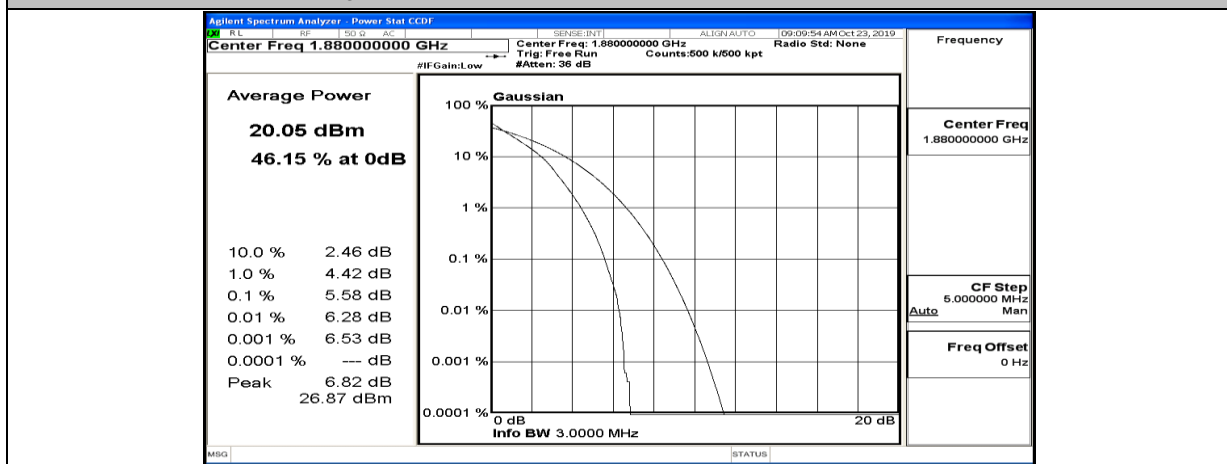
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



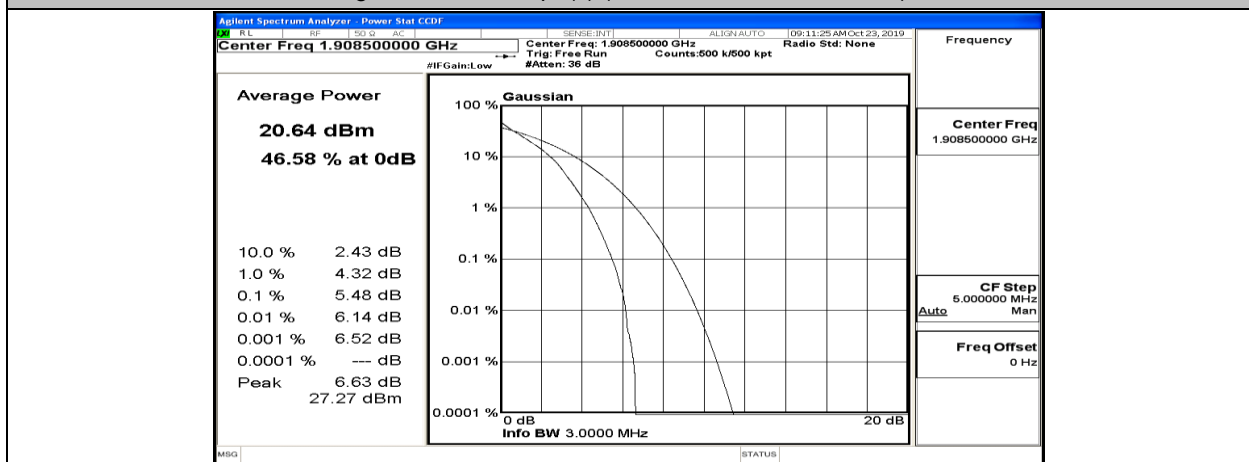
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



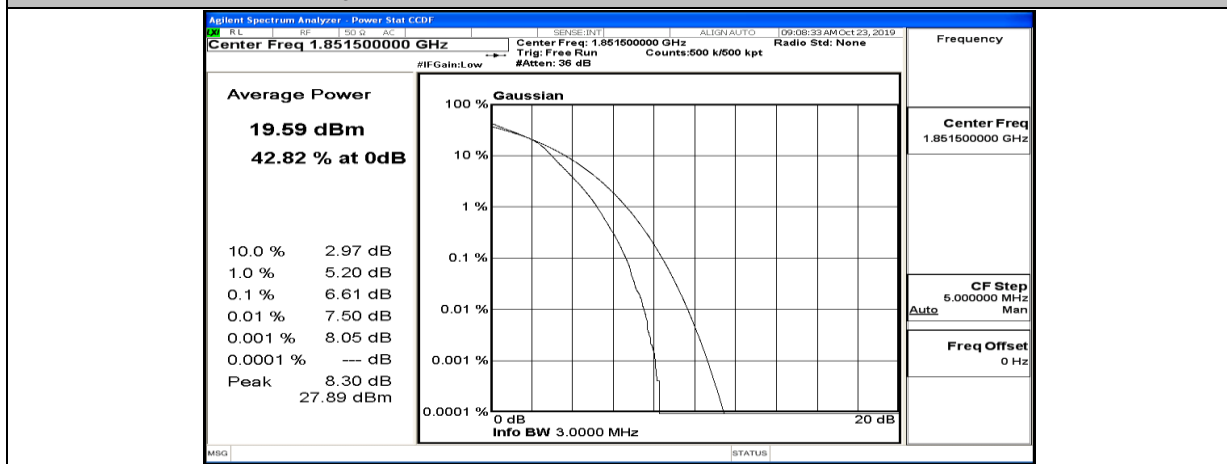
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



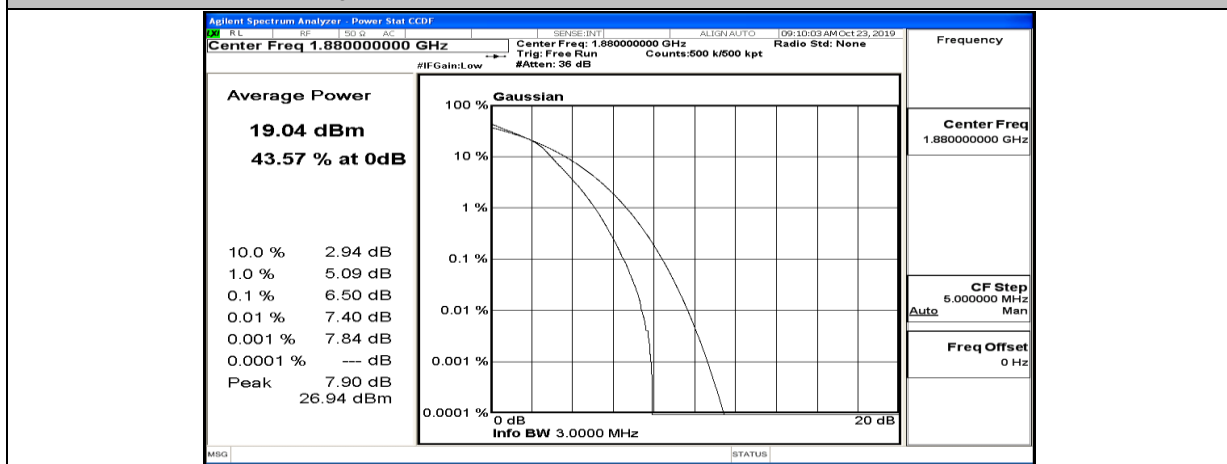
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



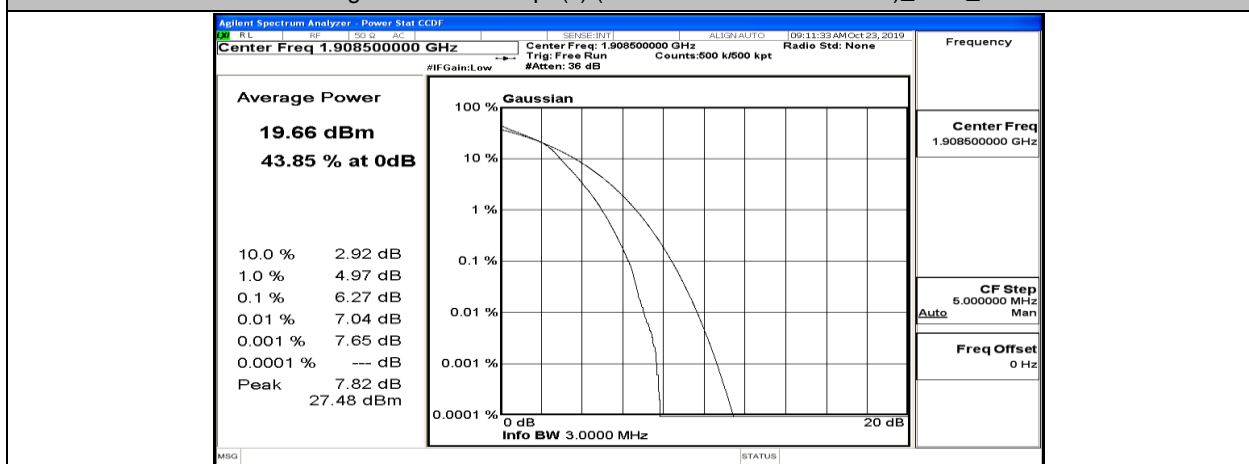
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



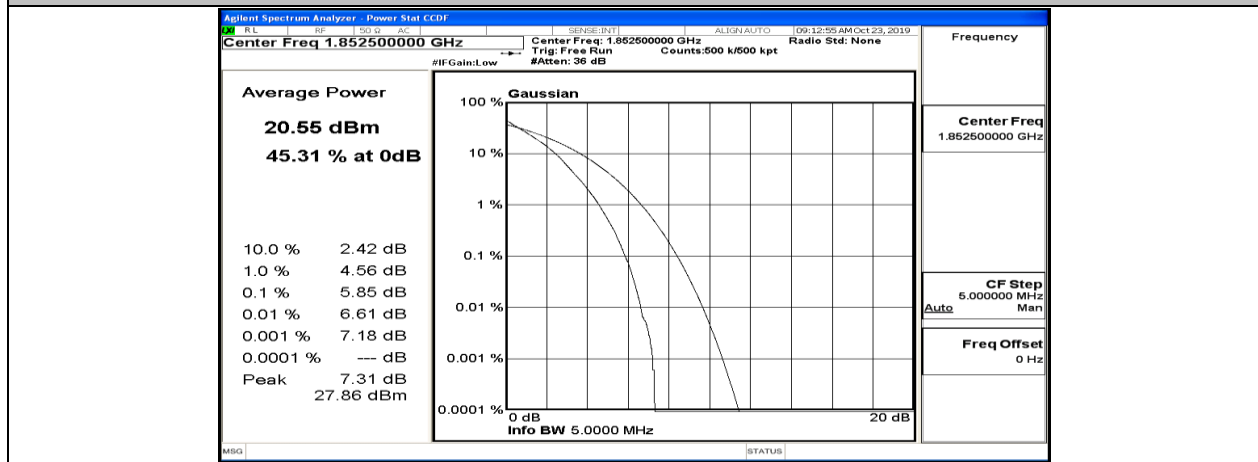
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



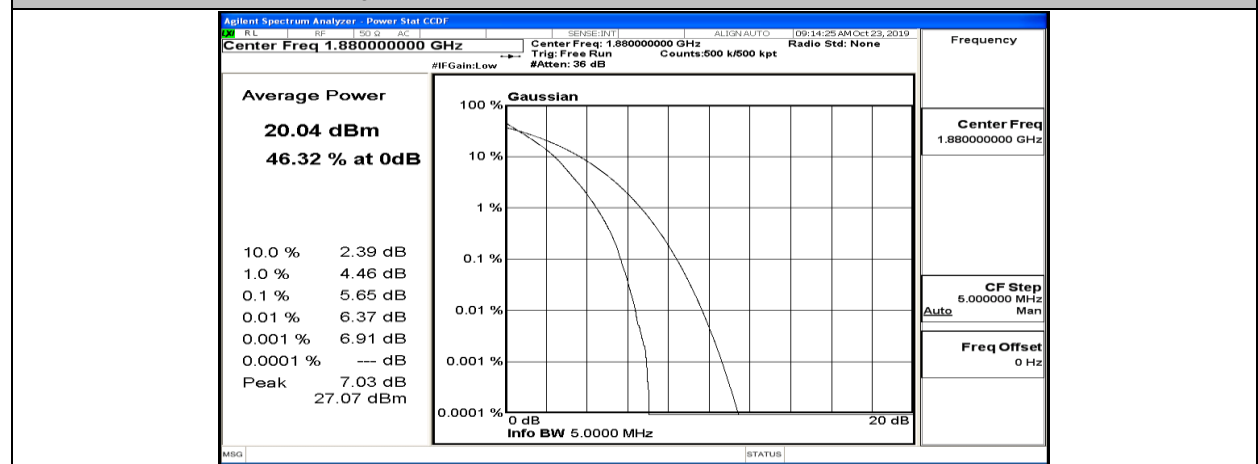
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



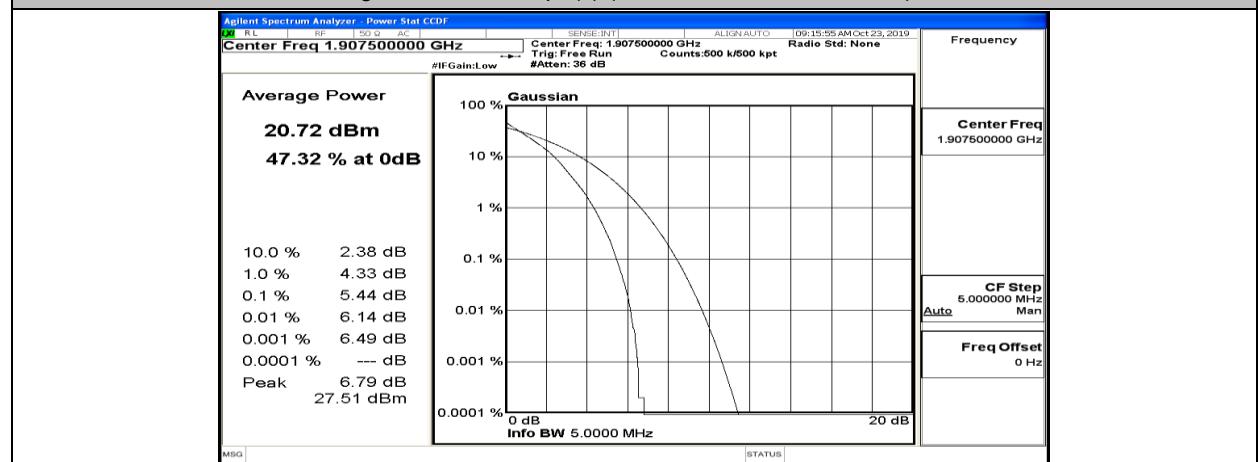
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



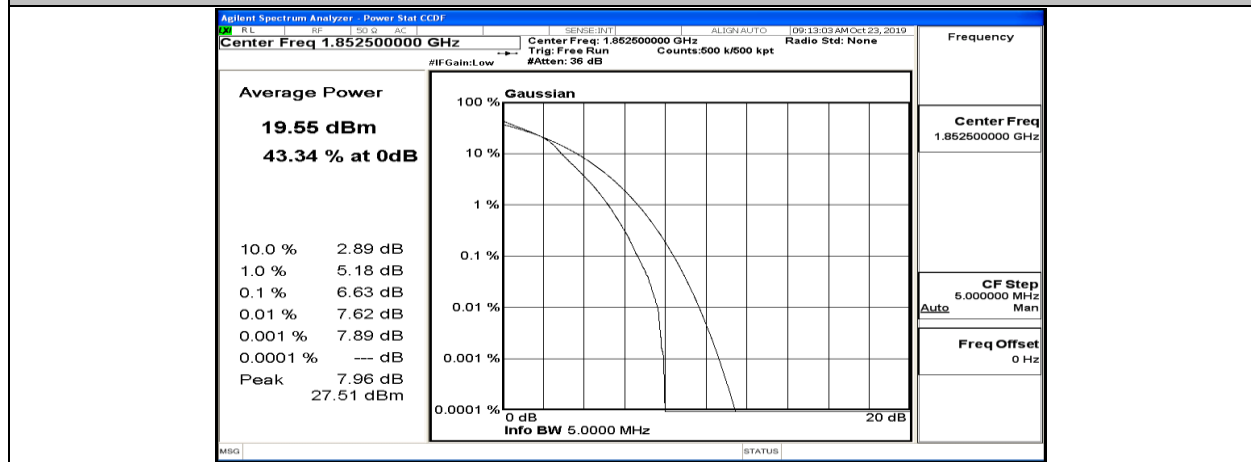
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



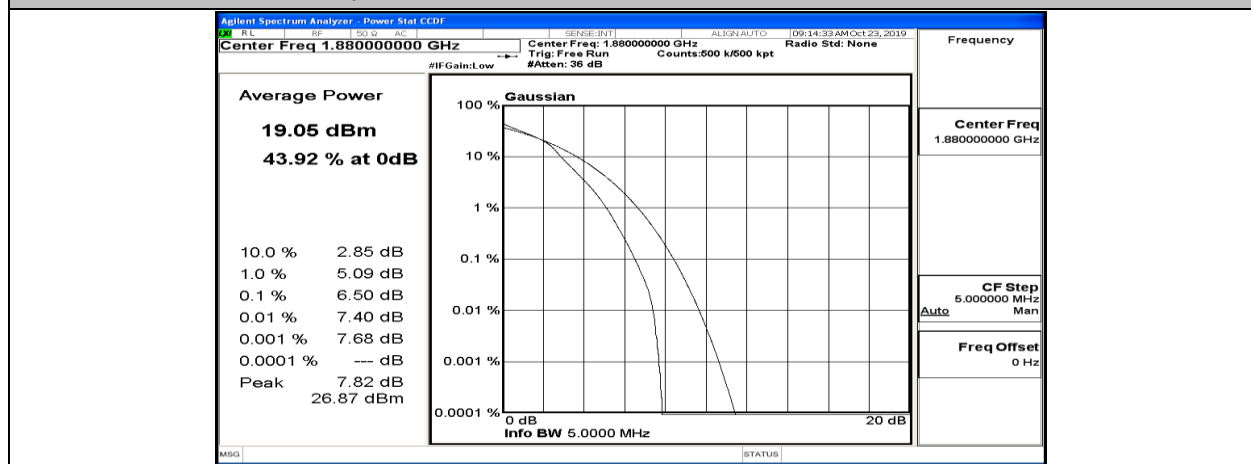
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



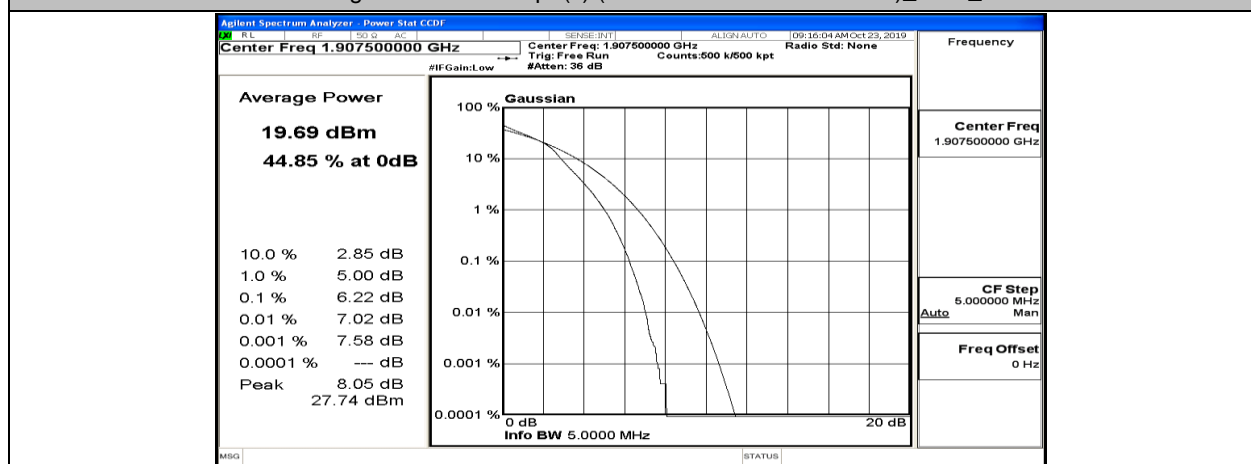
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



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

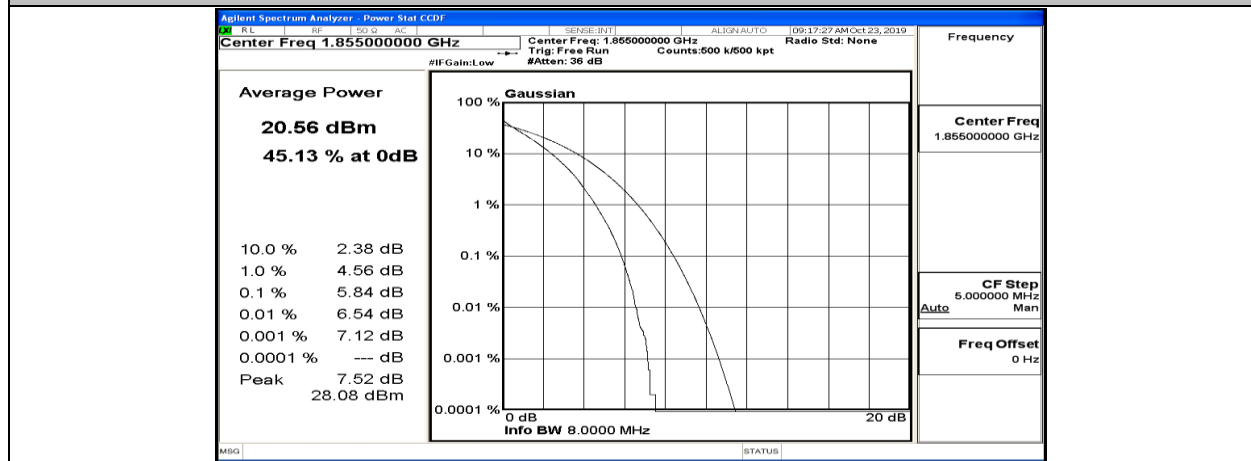


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM

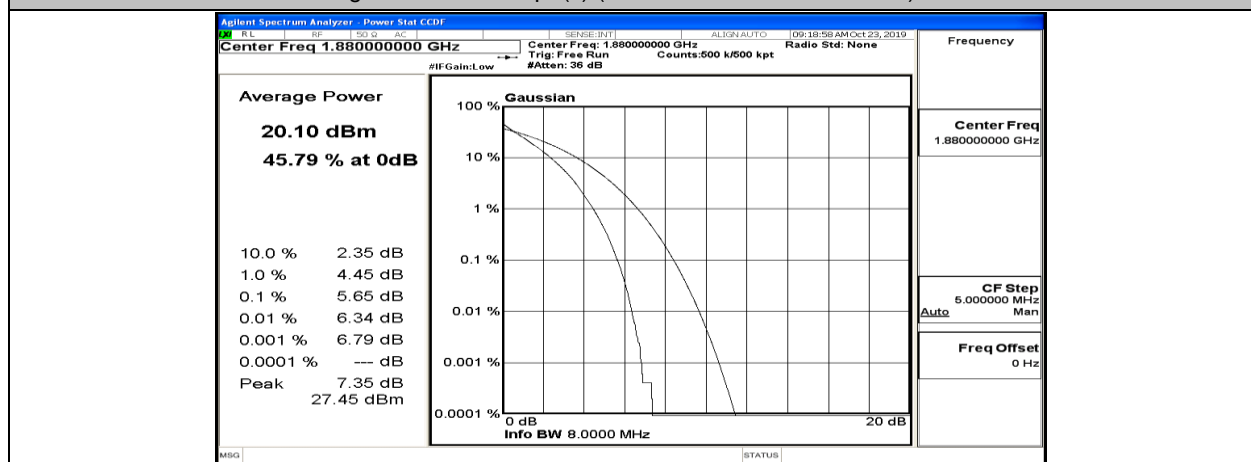




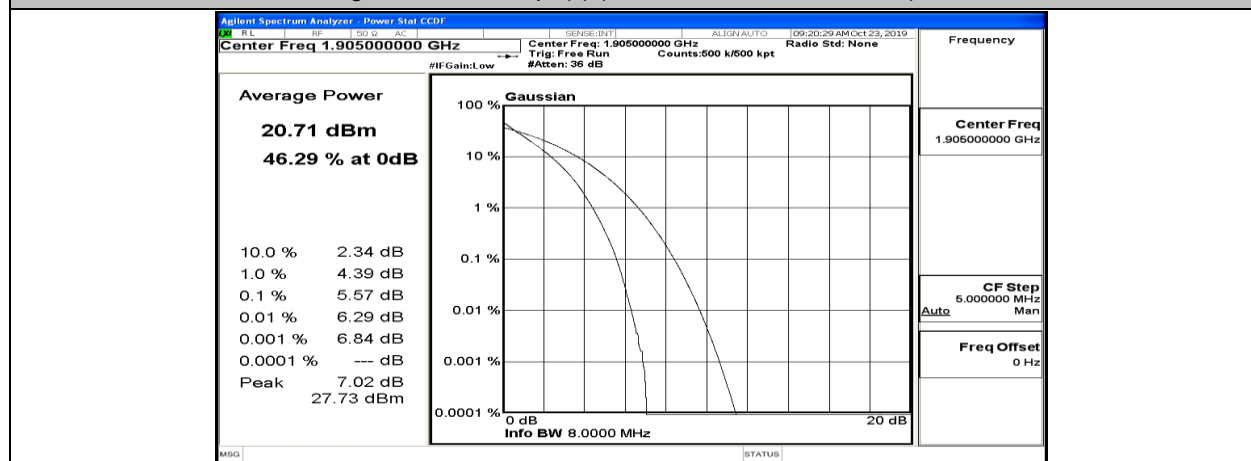
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



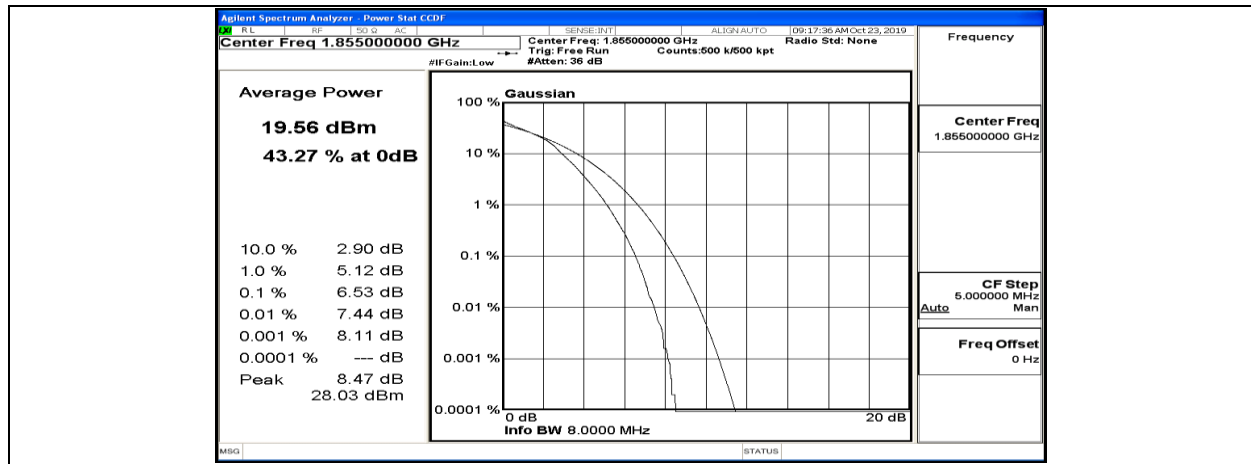
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



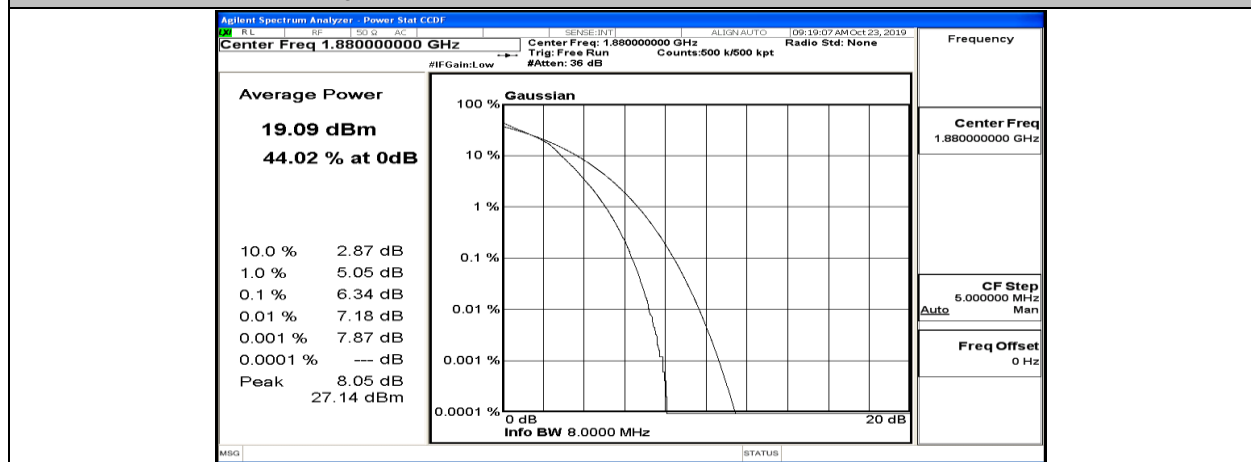
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



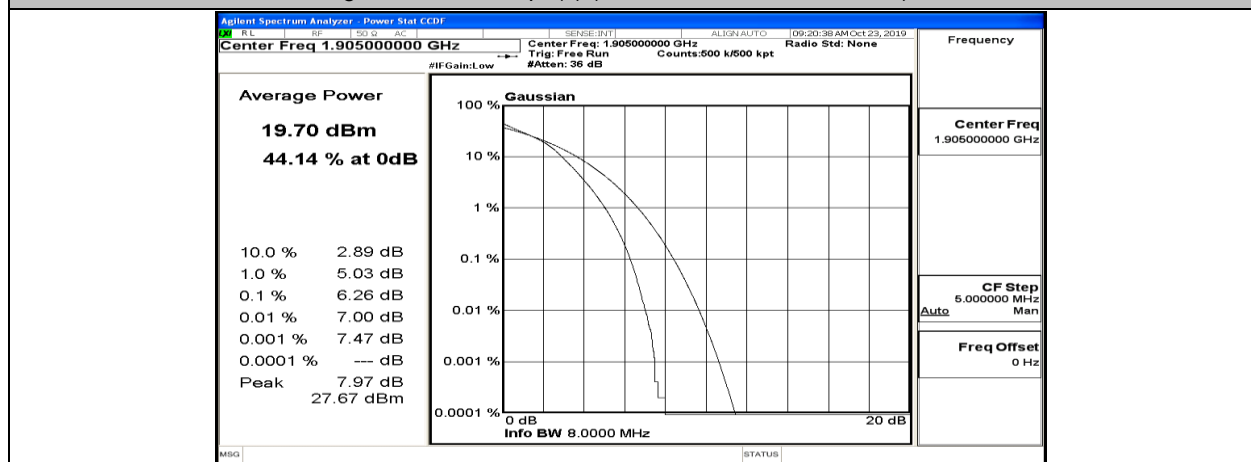
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



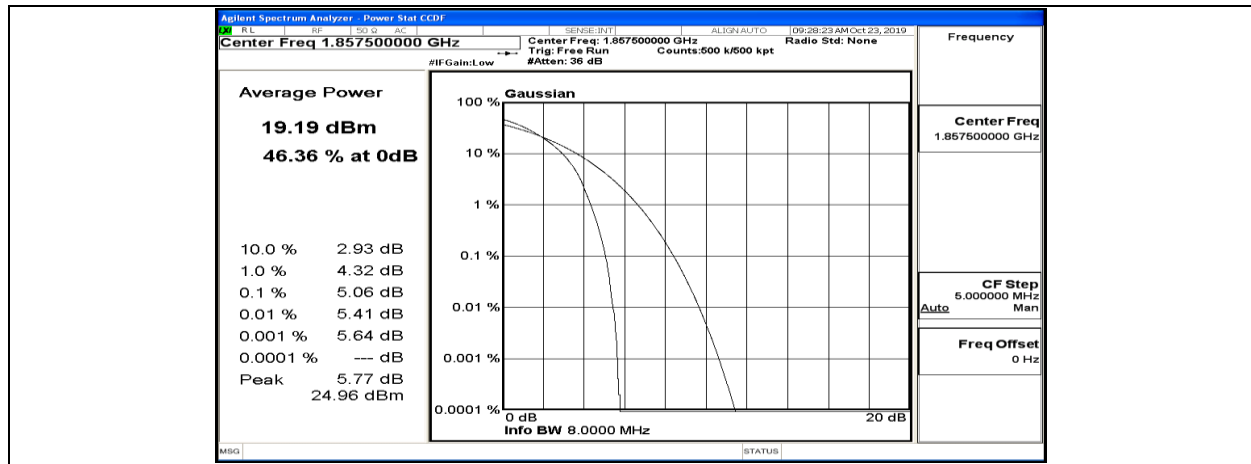
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



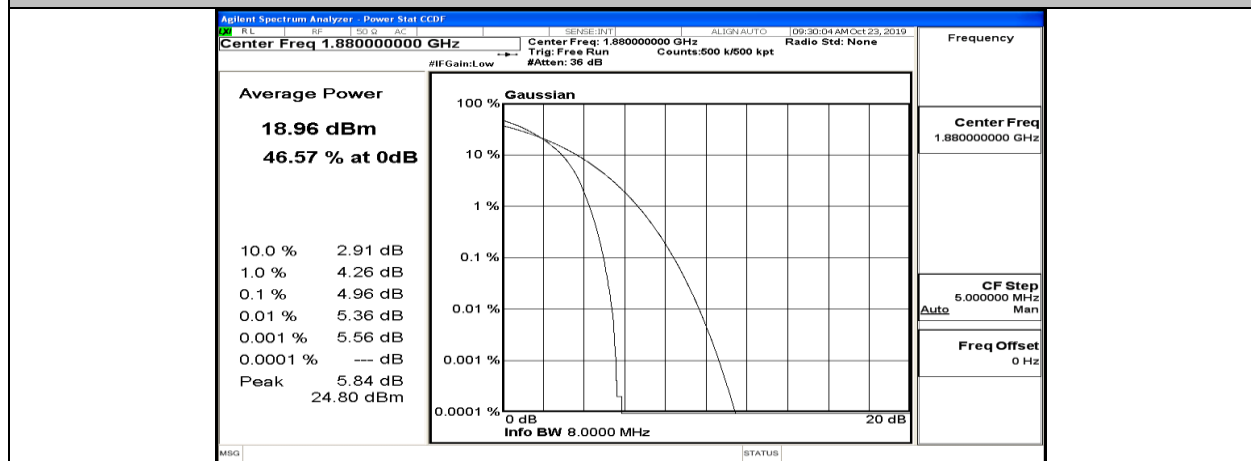
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



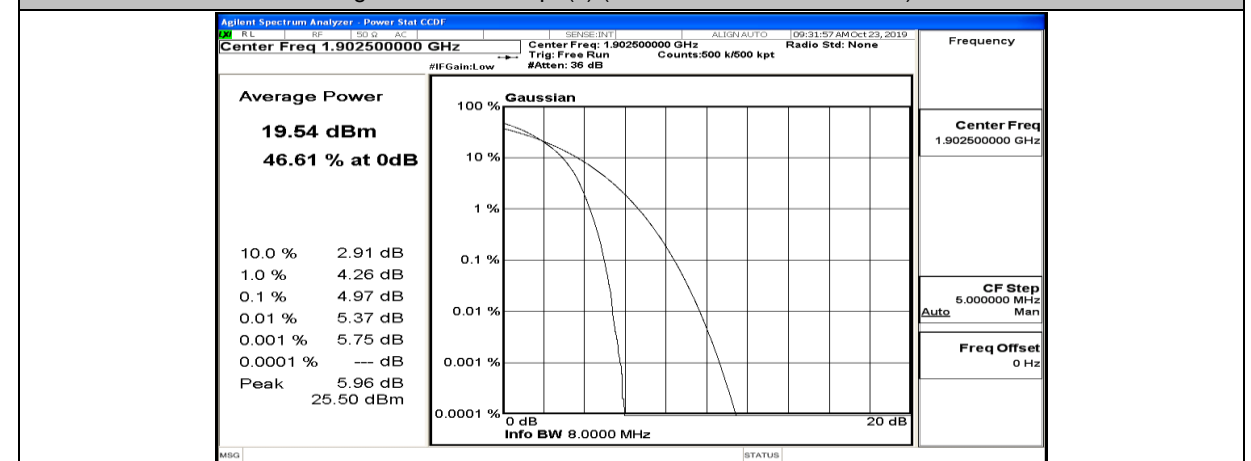
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



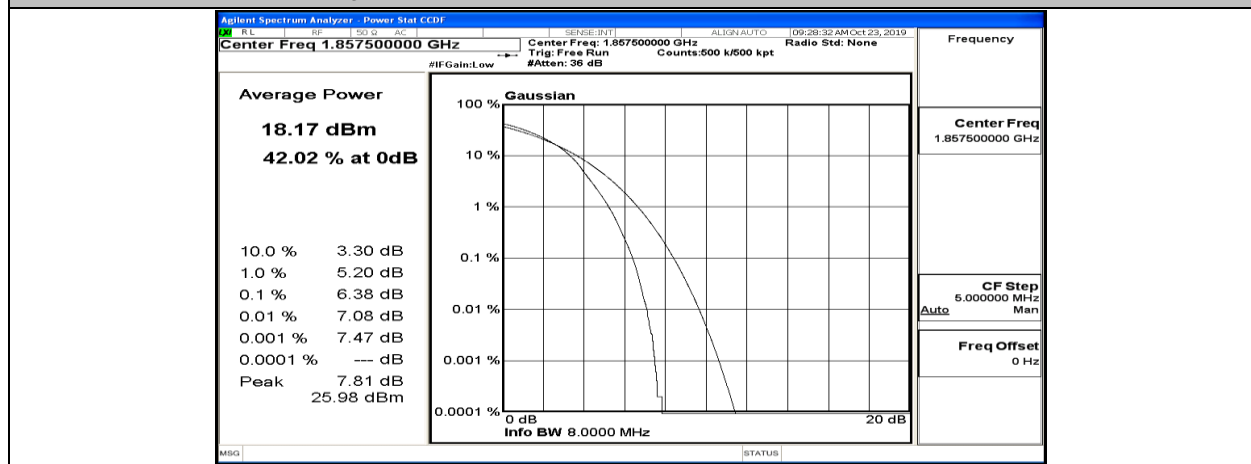
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



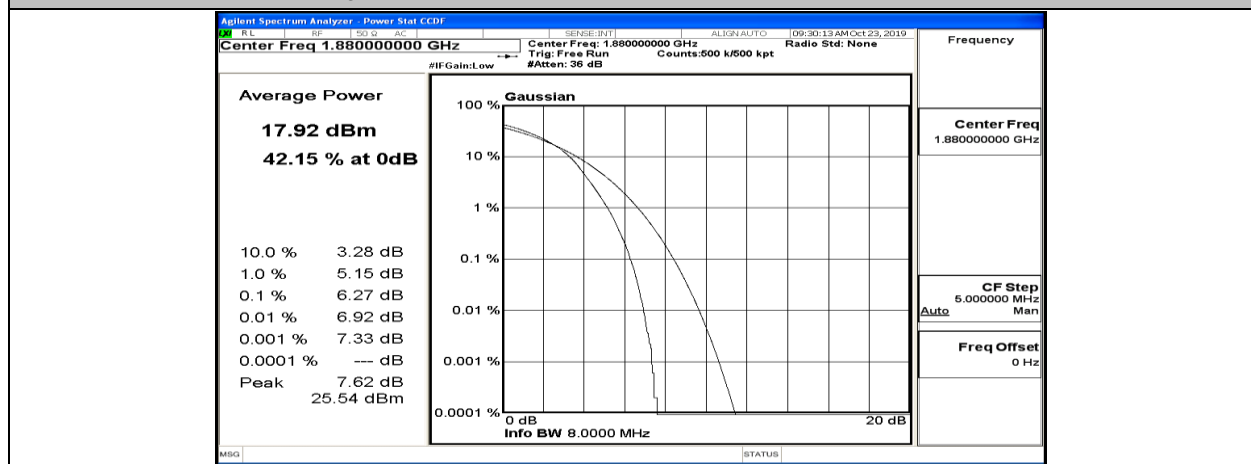
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



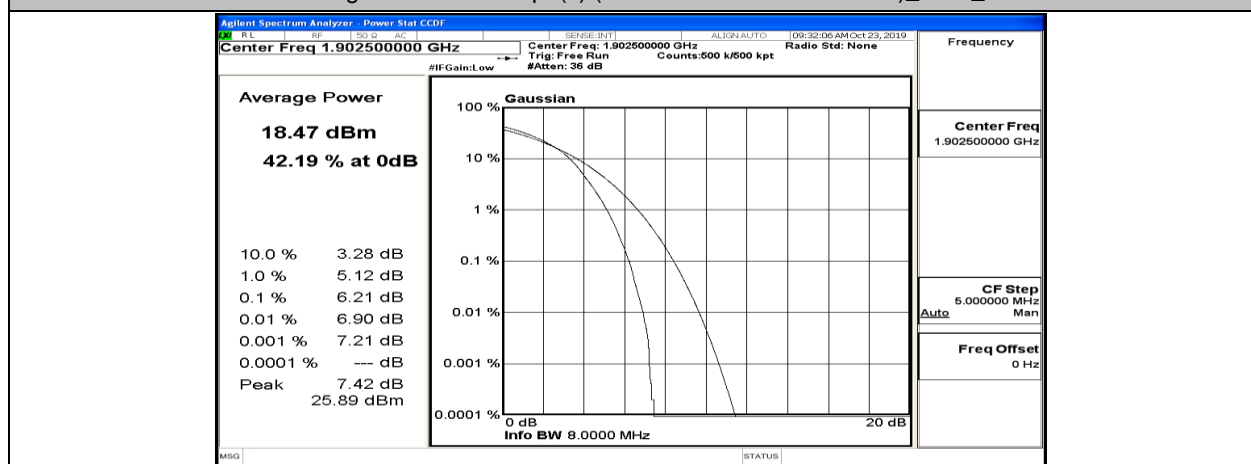
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



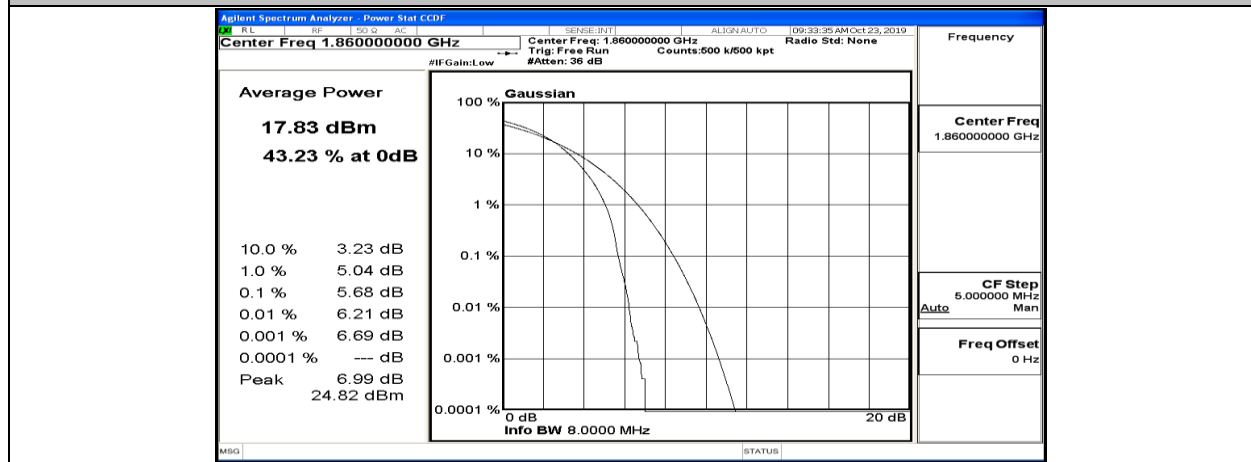
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



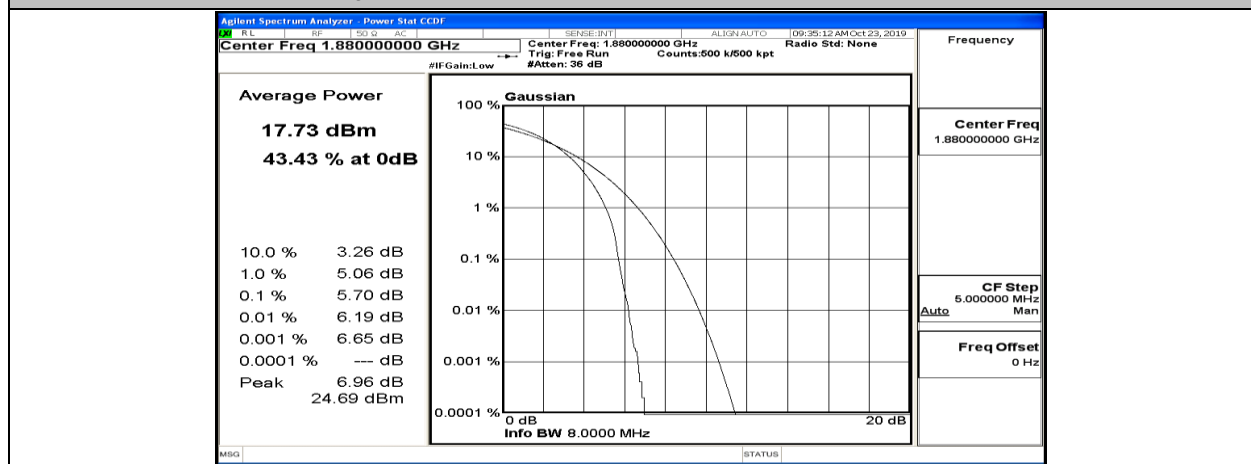
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



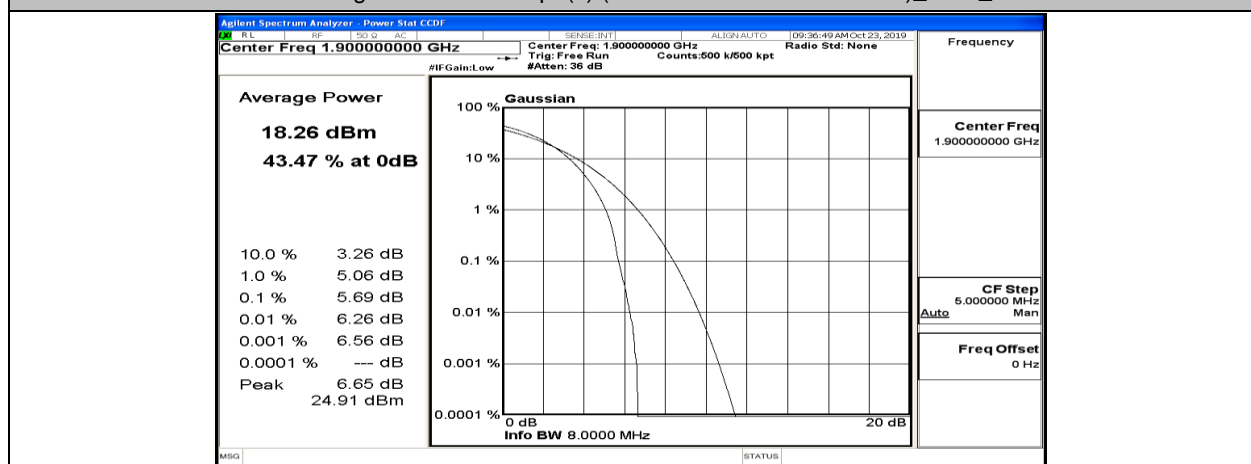
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



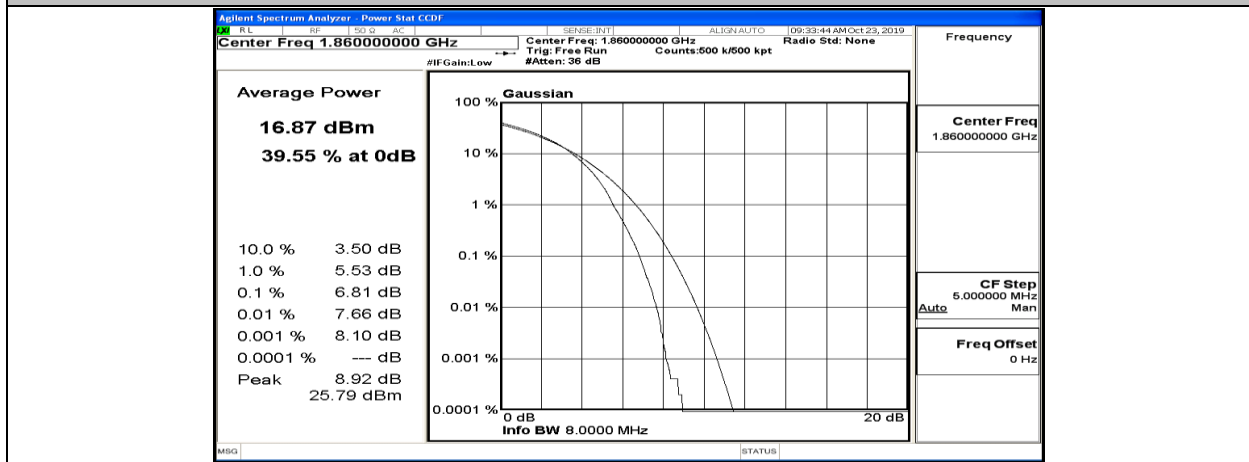
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



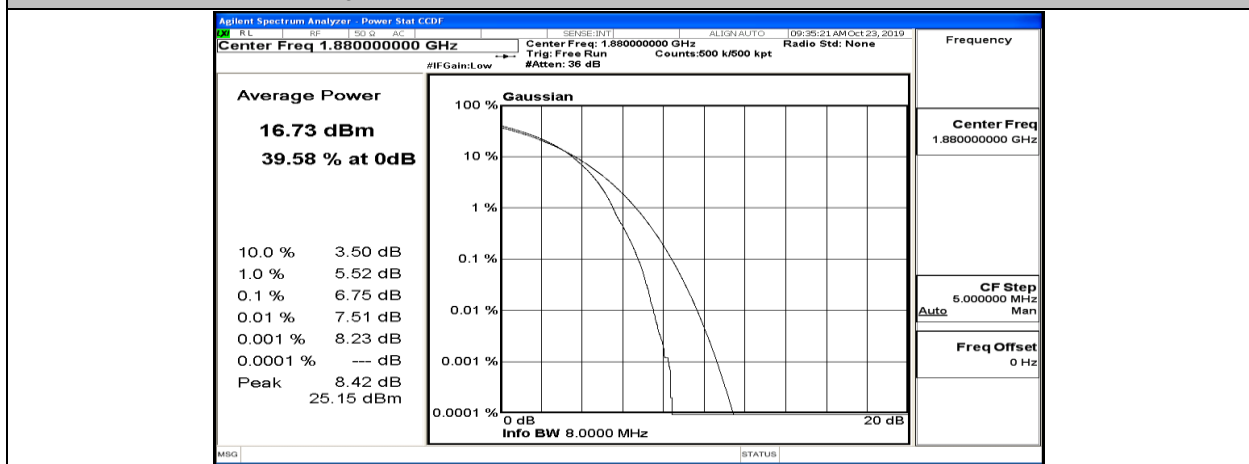
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



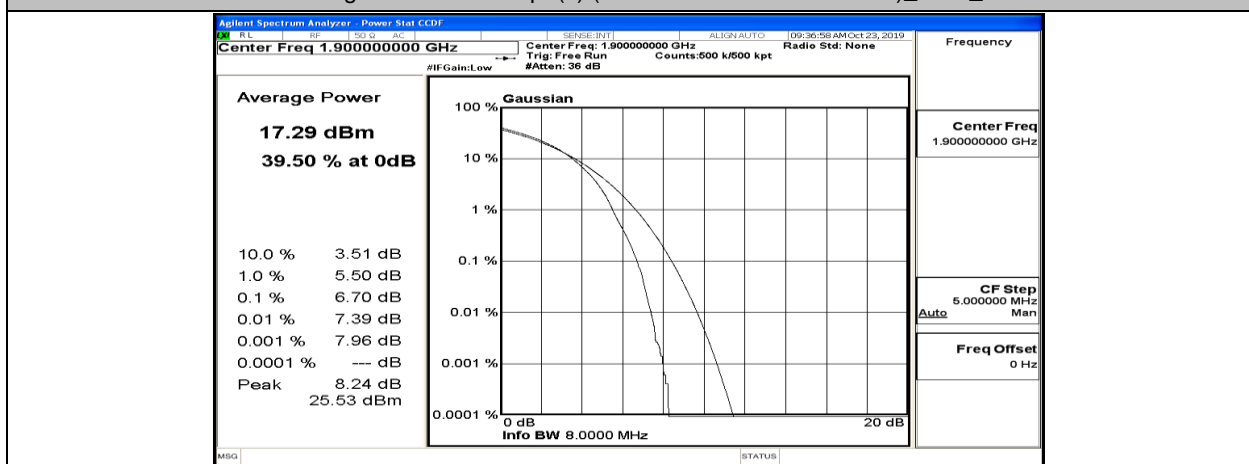
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## 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	1.0759	1.233	PASS
	MCH	1.0755	1.215	PASS
	HCH	1.0778	1.211	PASS
16QAM	LCH	1.0783	1.236	PASS
	MCH	1.0781	1.233	PASS
	HCH	1.0763	1.223	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6762	2.835	PASS
	MCH	2.6791	2.820	PASS
	HCH	2.6804	2.851	PASS
16QAM	LCH	2.6770	2.824	PASS
	MCH	2.6796	2.843	PASS
	HCH	2.6780	2.838	PASS

EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4809	4.866	PASS
	MCH	4.4706	4.883	PASS
	HCH	4.4736	4.813	PASS
16QAM	LCH	4.4740	4.876	PASS
	MCH	4.4744	4.855	PASS
	HCH	4.4722	4.866	PASS

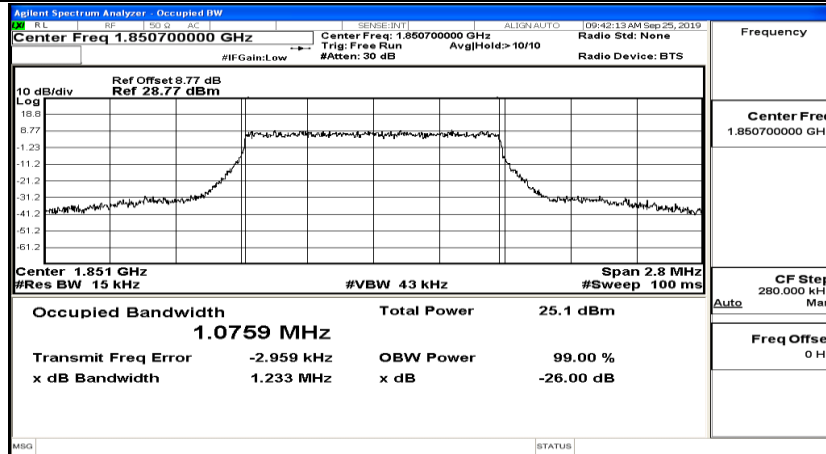
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9429	9.548	PASS
	MCH	8.9590	9.533	PASS
	HCH	8.9288	9.426	PASS
16QAM	LCH	8.9412	9.532	PASS
	MCH	8.9428	9.575	PASS
	HCH	8.9400	9.506	PASS

EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.418	14.16	PASS
	MCH	13.435	14.04	PASS
	HCH	13.409	14.13	PASS
16QAM	LCH	13.419	14.15	PASS
	MCH	13.418	14.09	PASS
	HCH	13.412	14.16	PASS

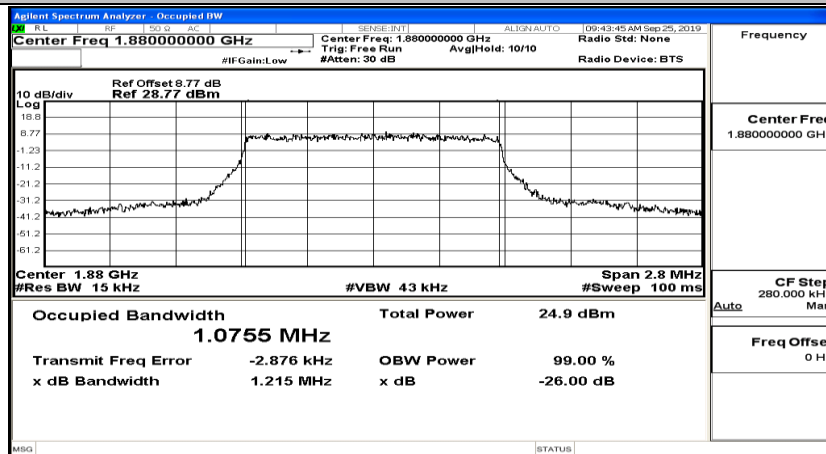
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.885	18.75	PASS
	MCH	17.862	18.77	PASS
	HCH	17.872	18.64	PASS
16QAM	LCH	17.886	18.68	PASS
	MCH	17.895	18.68	PASS
	HCH	17.874	18.66	PASS



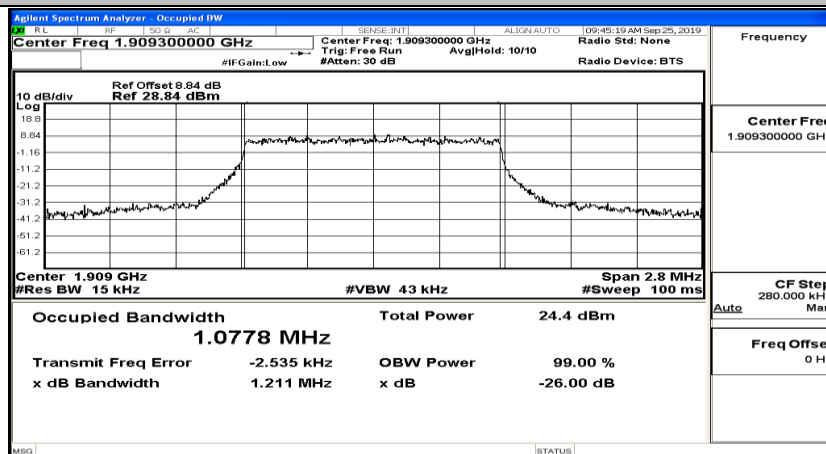
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



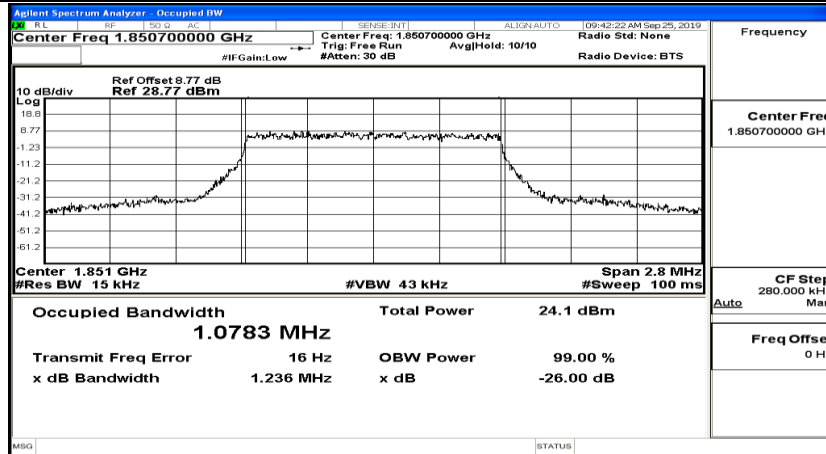
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



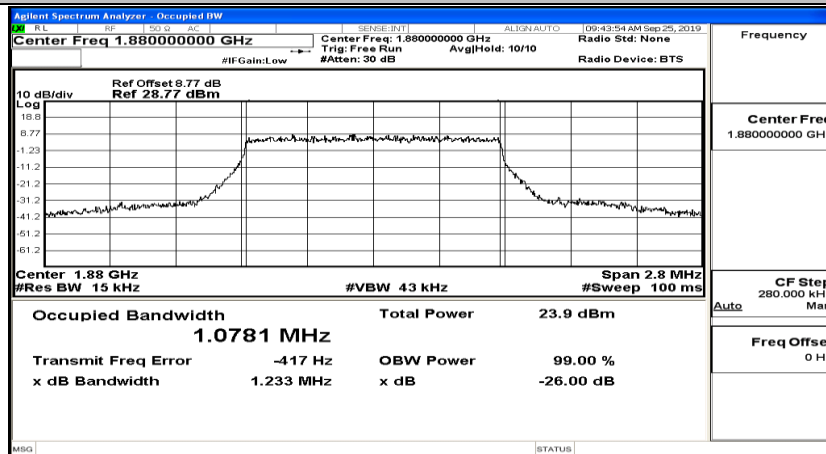
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



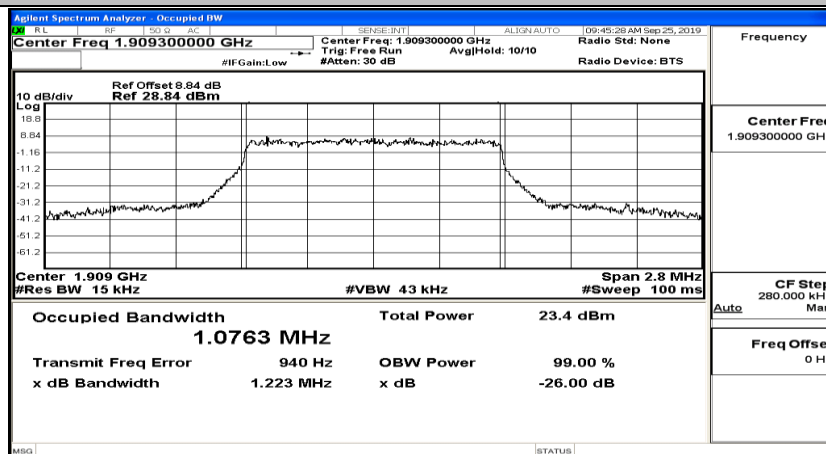
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



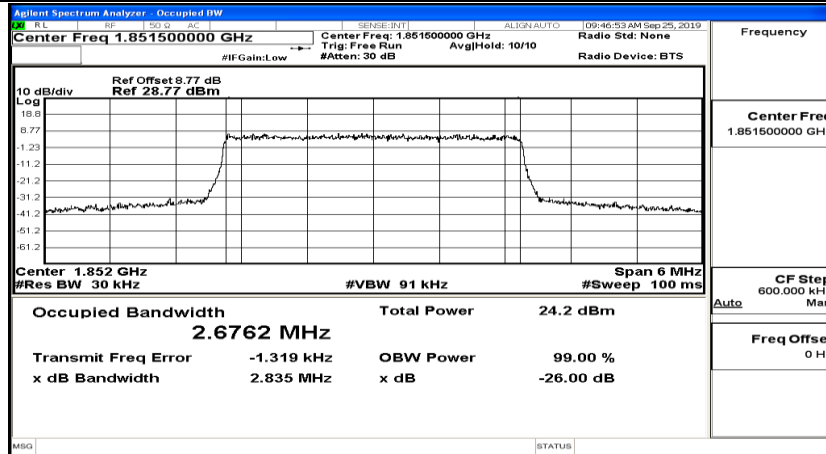
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



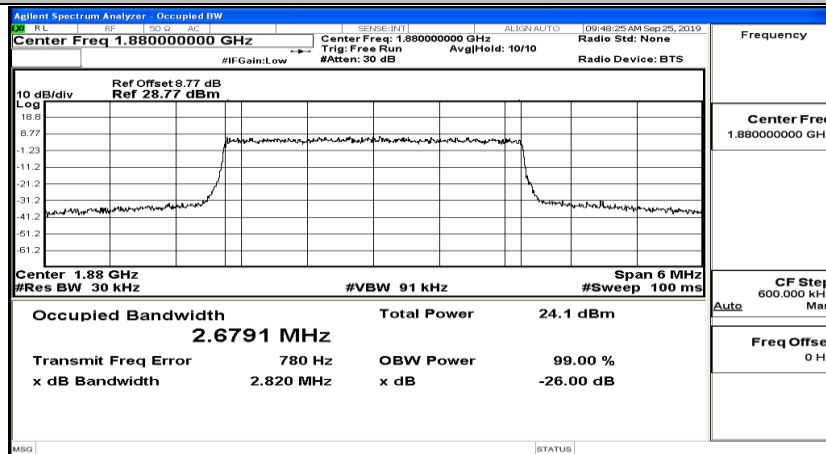
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



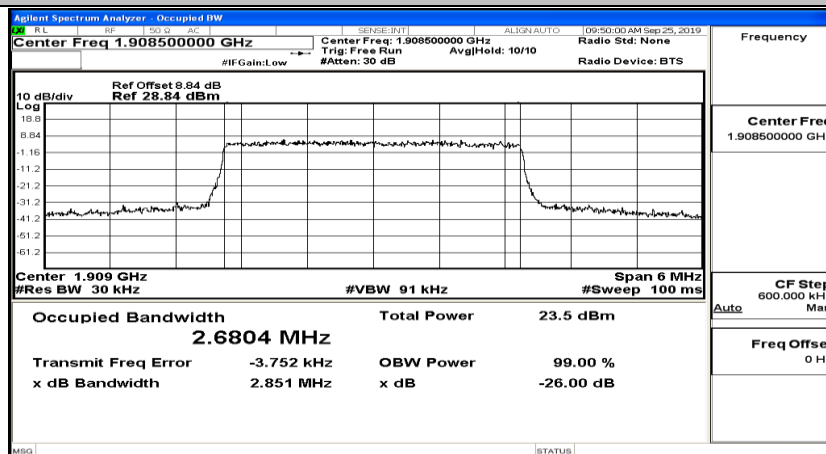
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



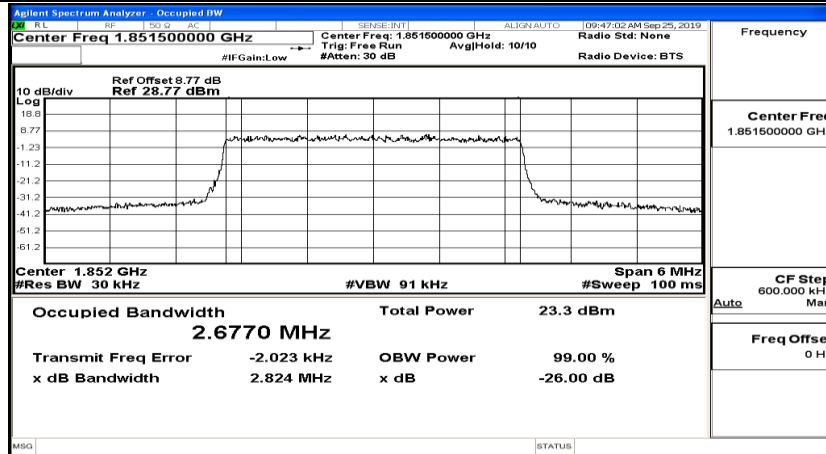
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



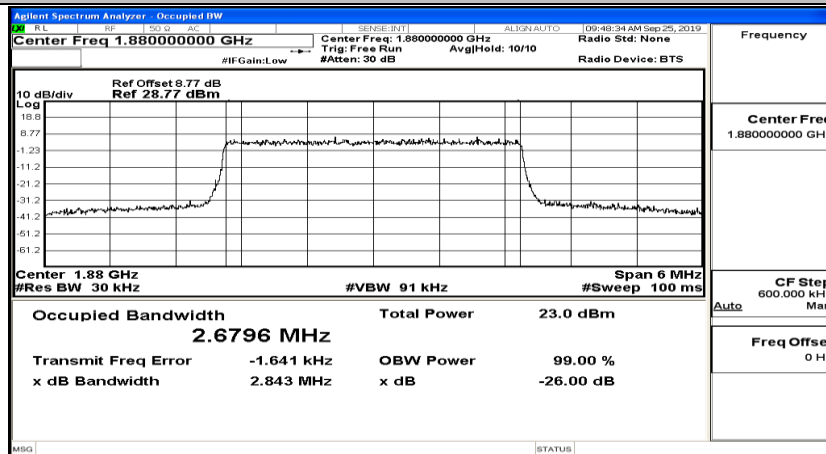
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



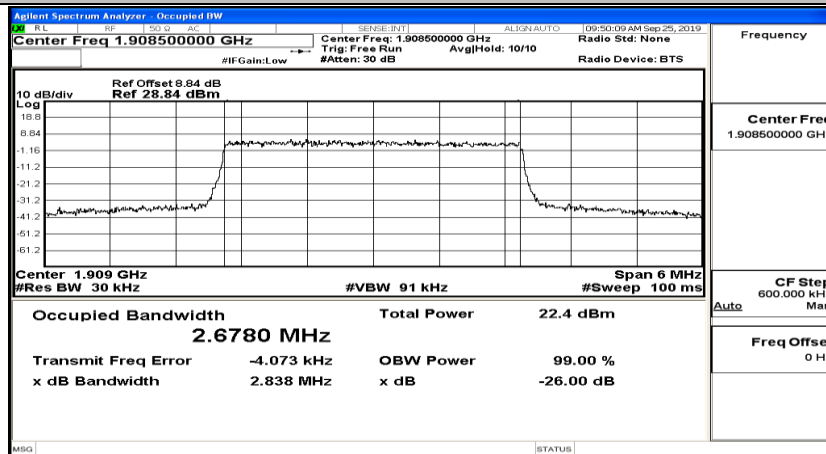
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



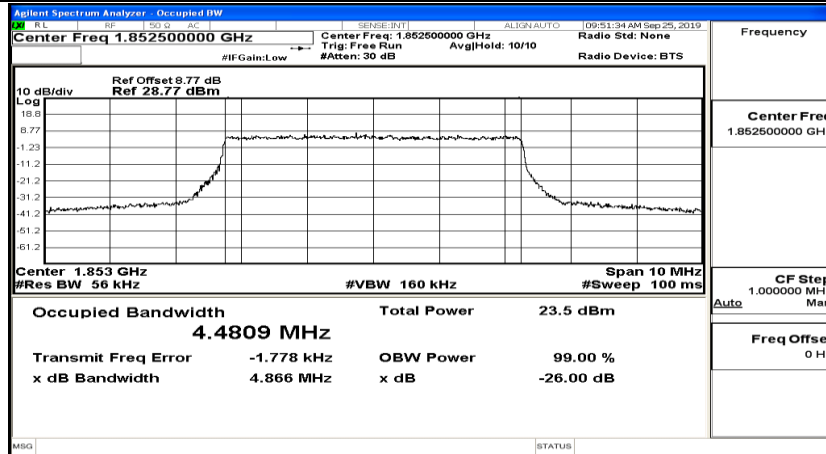
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



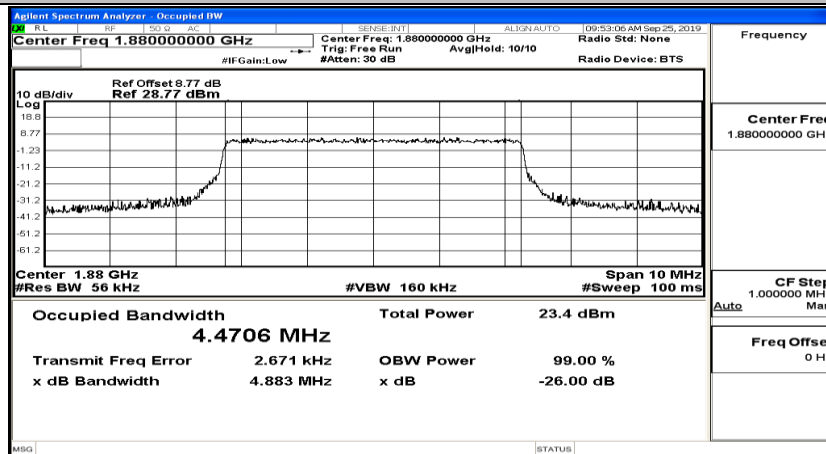
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



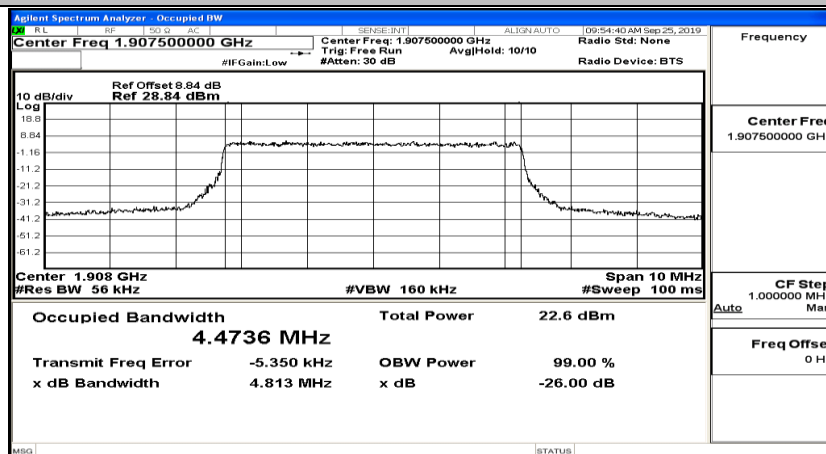
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



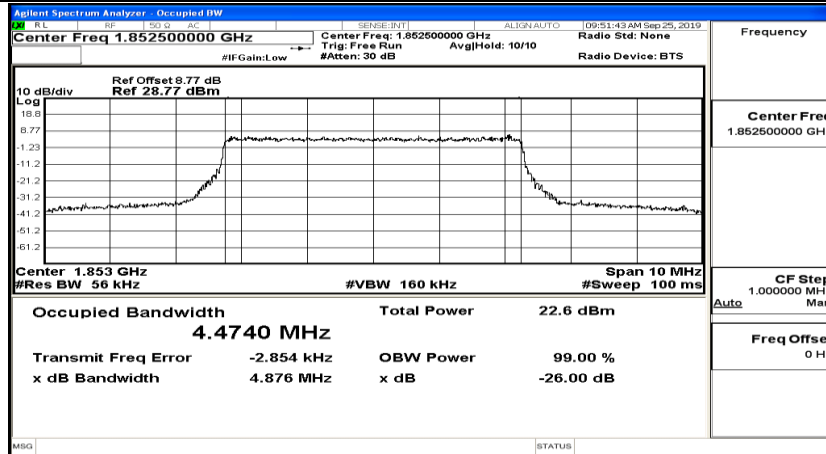
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



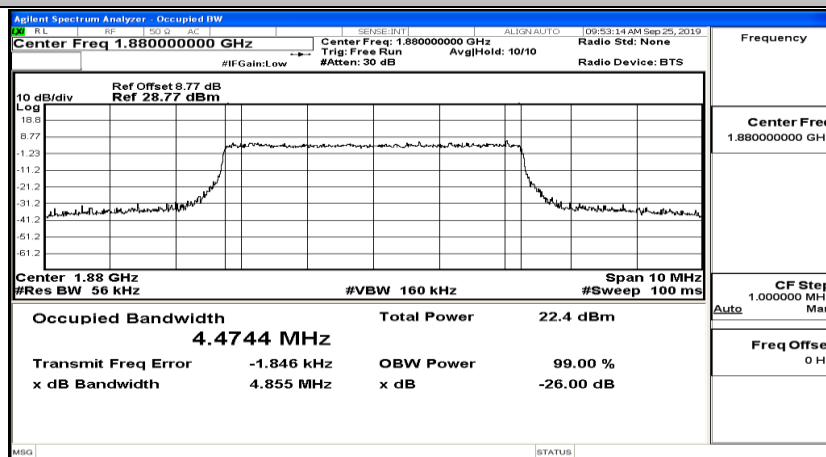
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



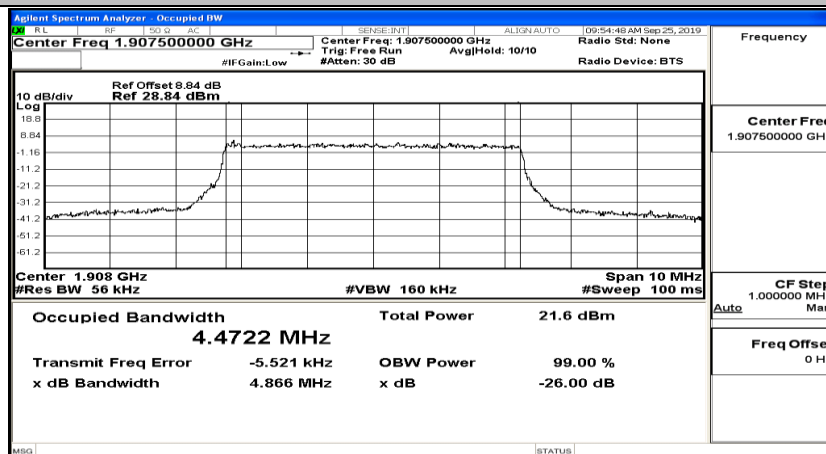
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



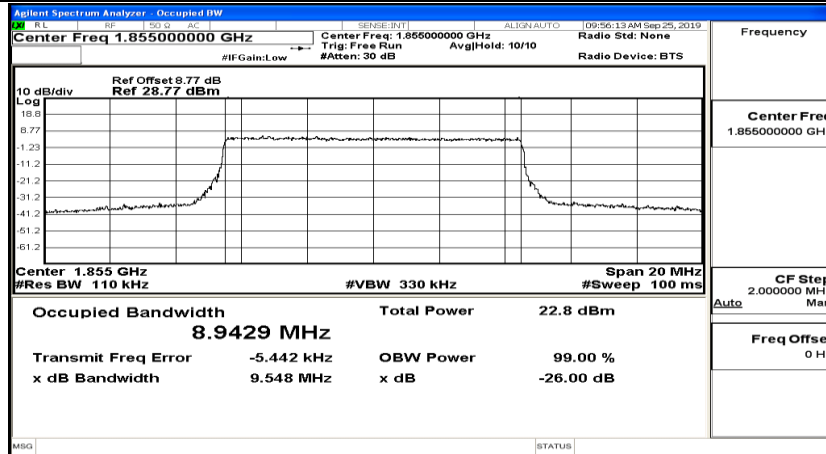
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



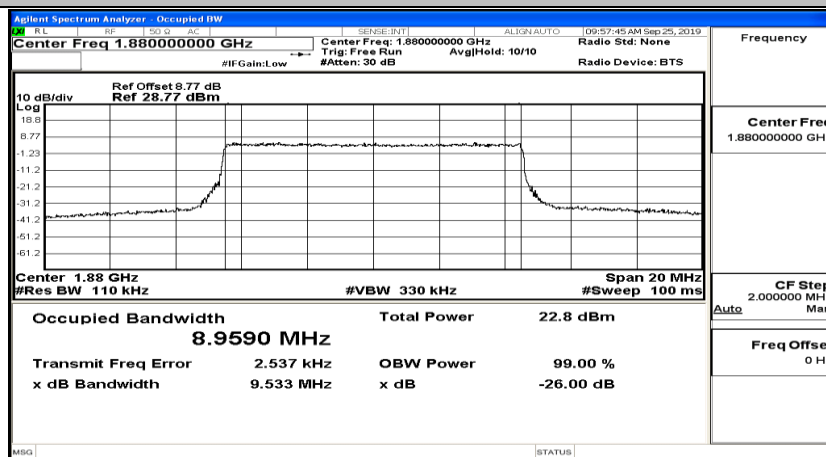
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



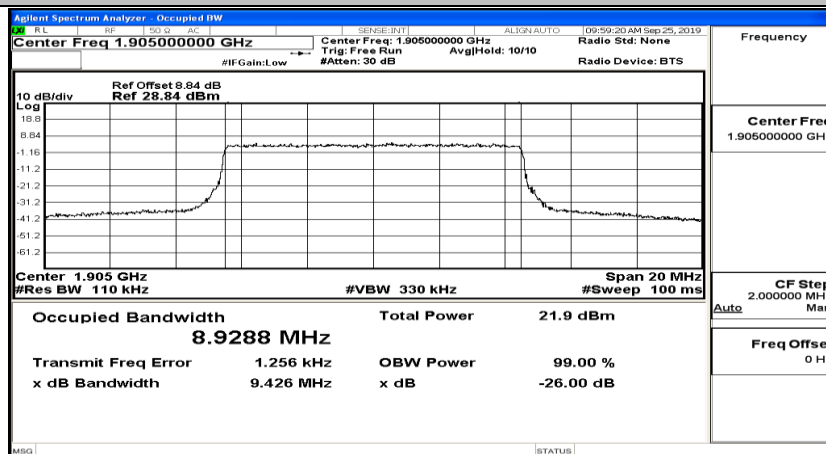
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



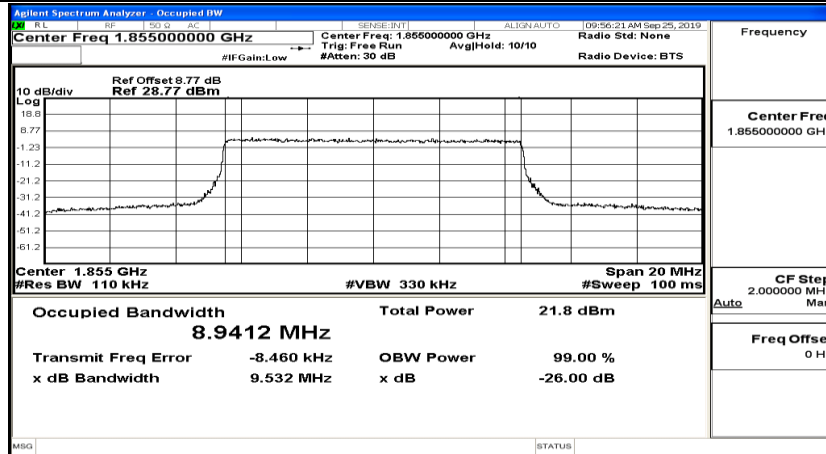
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



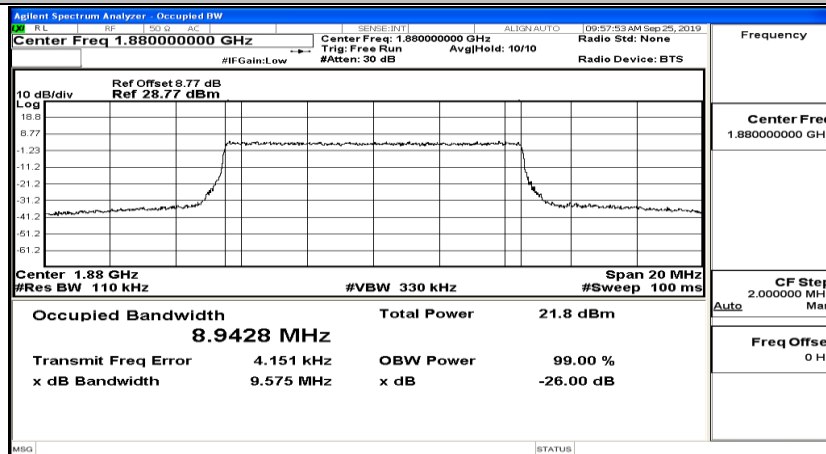
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



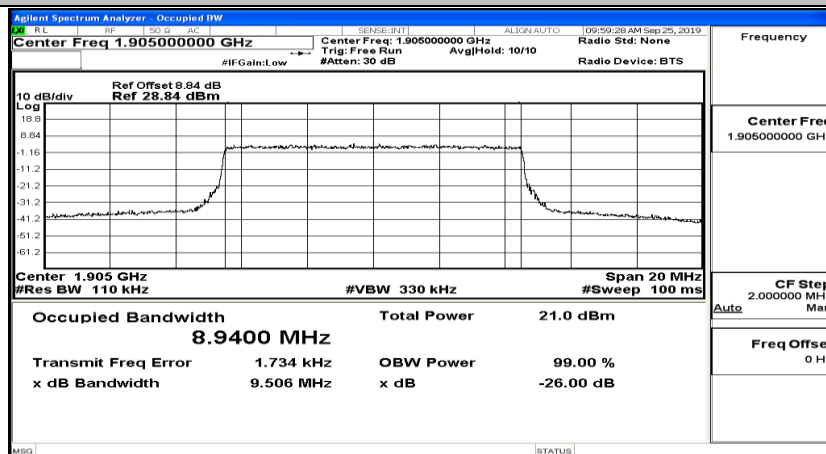
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



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

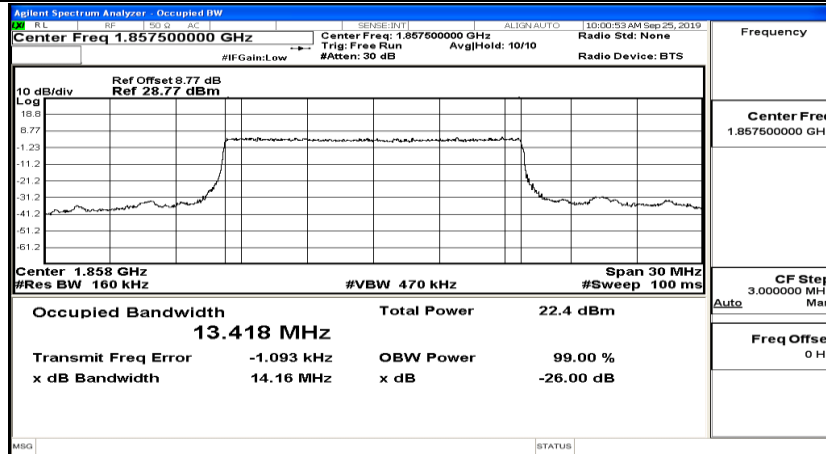


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

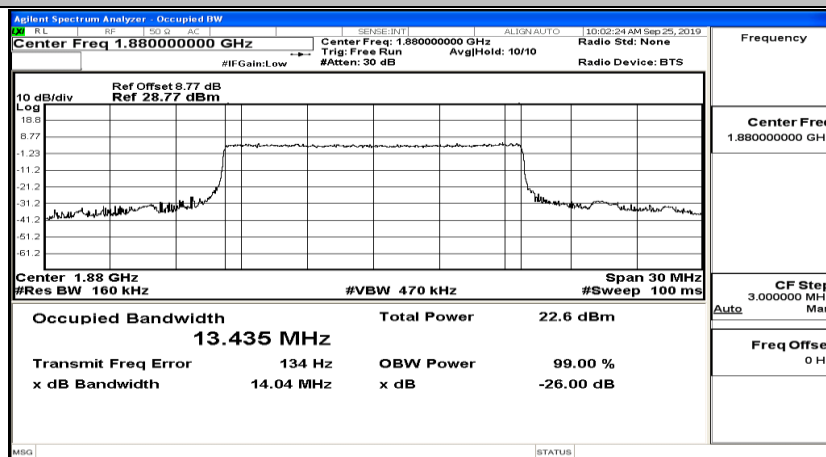




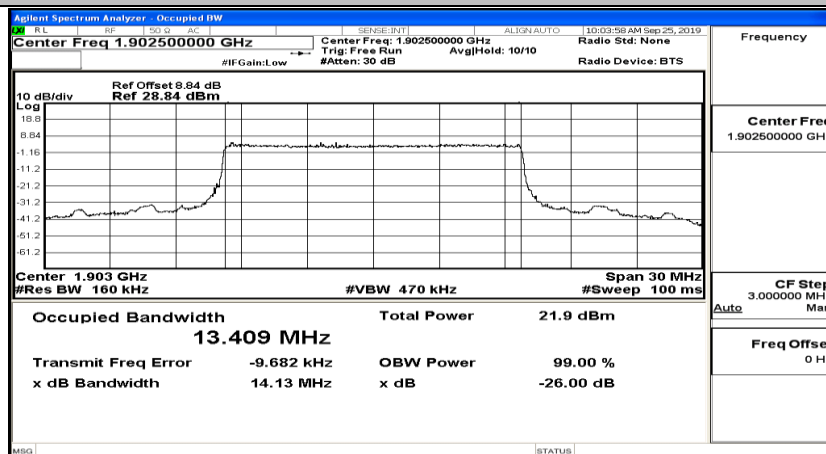
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



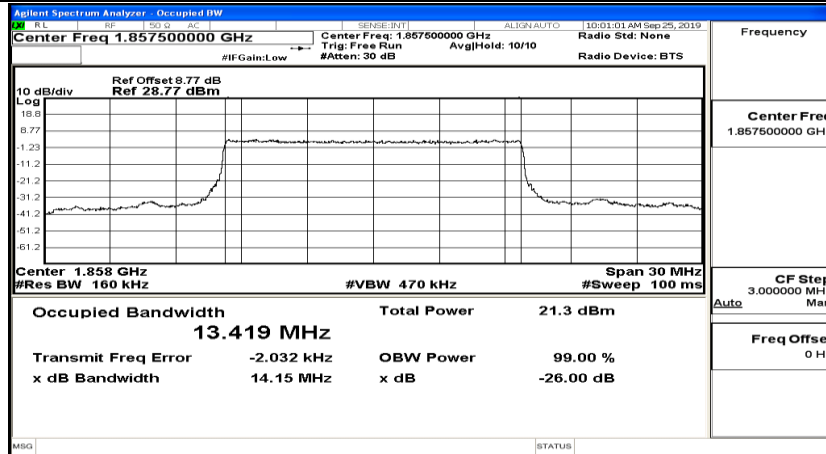
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



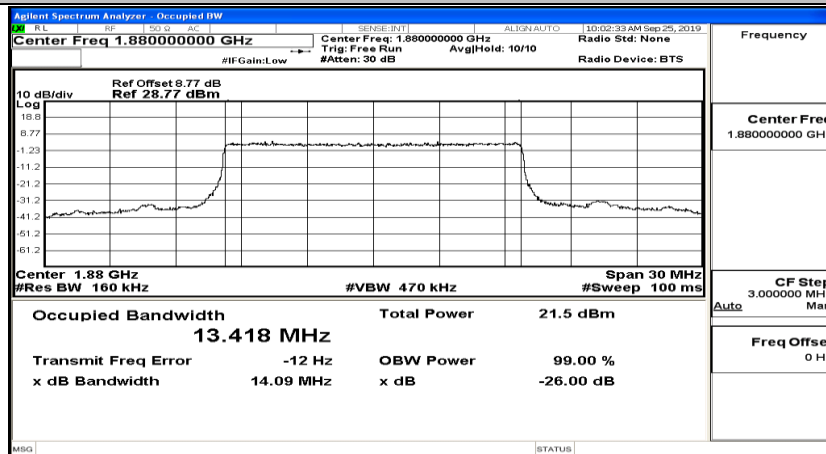
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



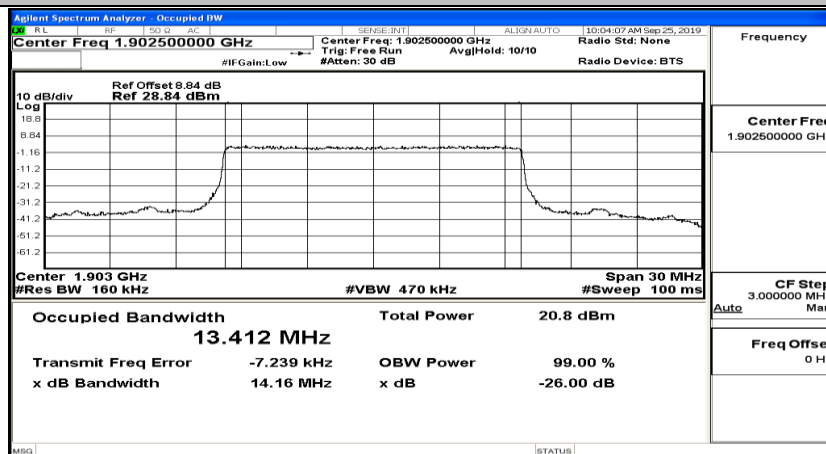
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



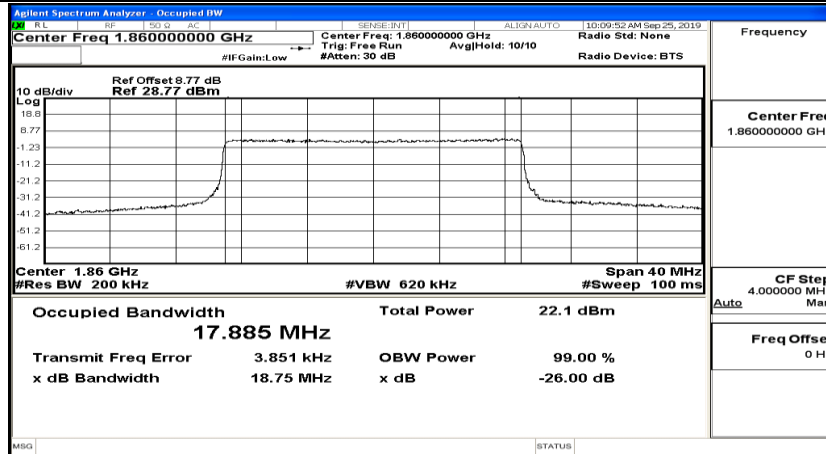
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



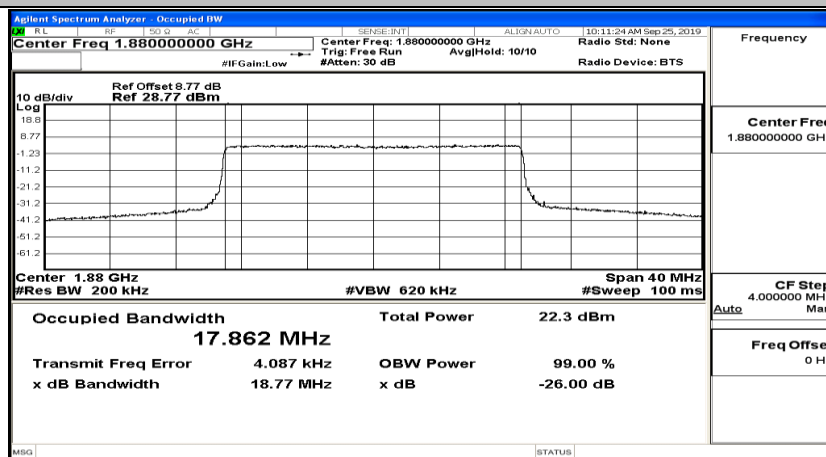
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



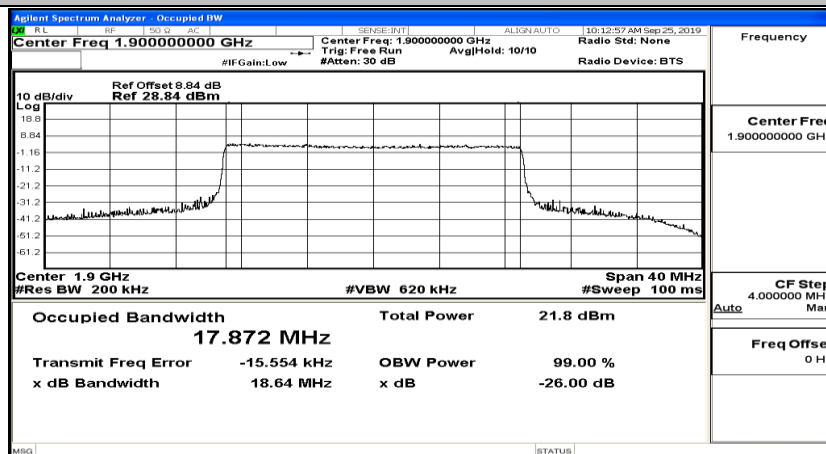
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



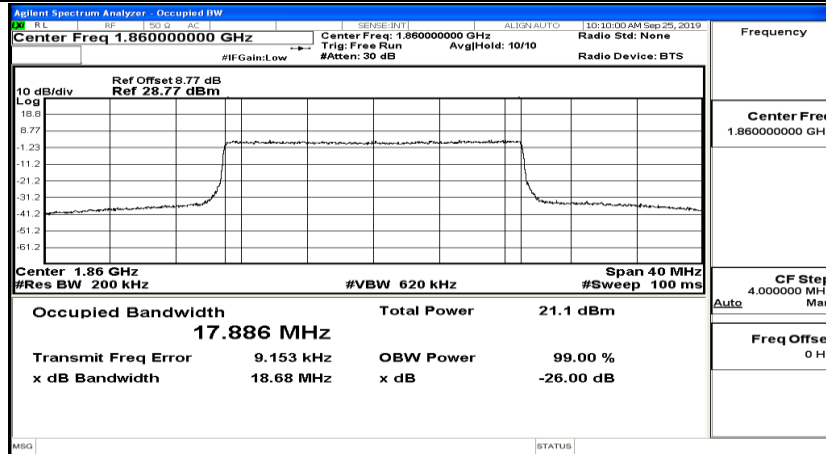
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



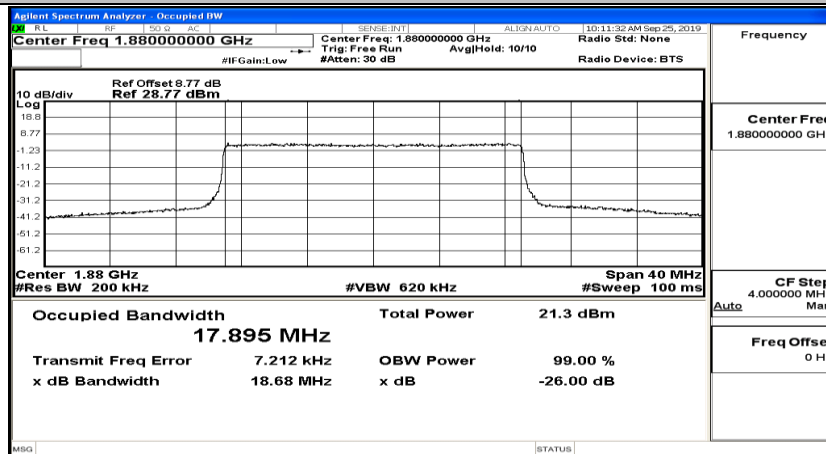
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



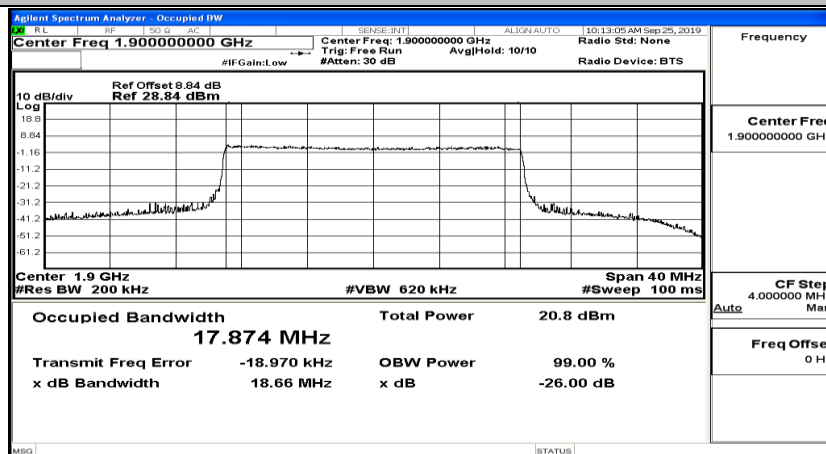
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



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

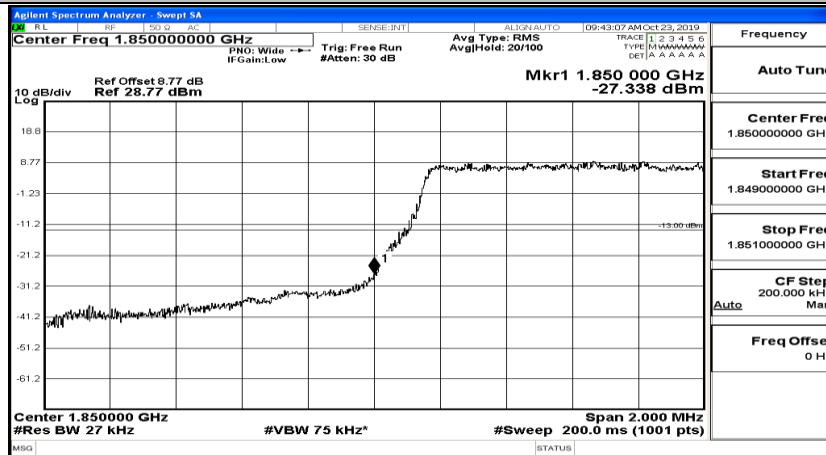


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM

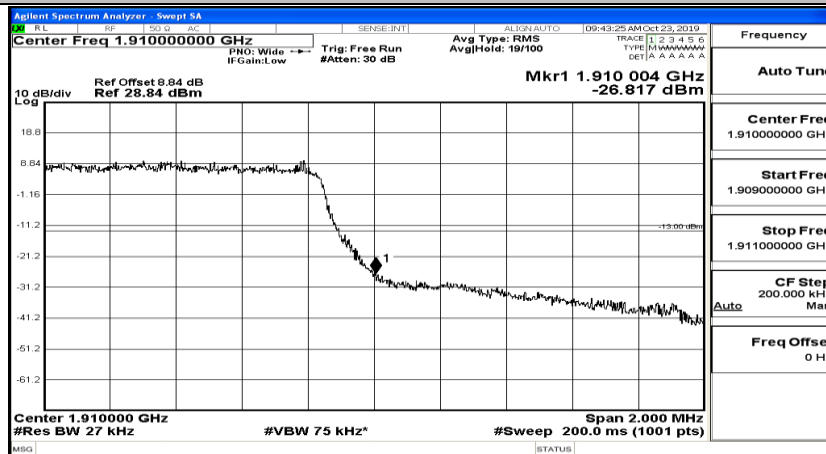


## D.4: Band Edge

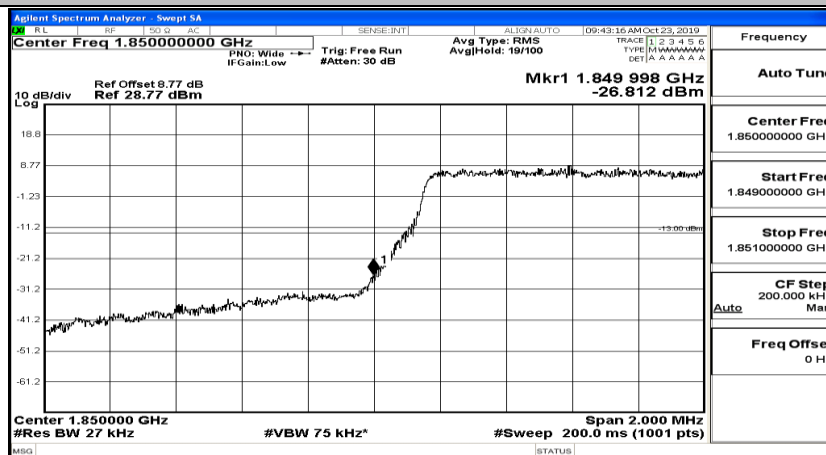
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



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



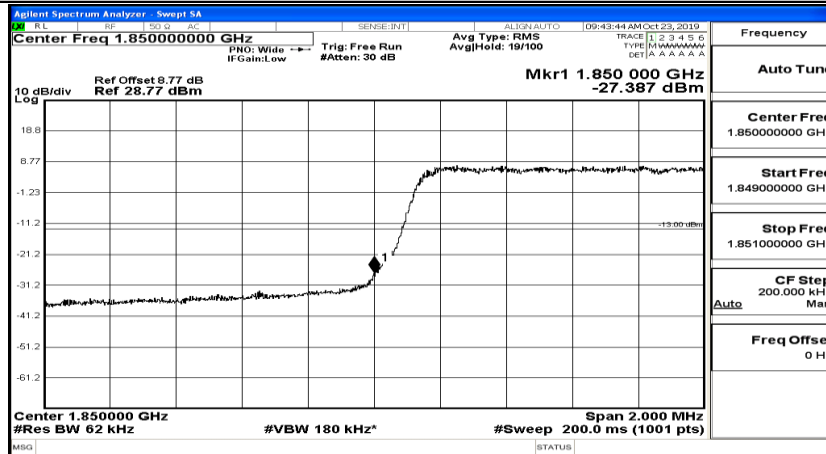
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



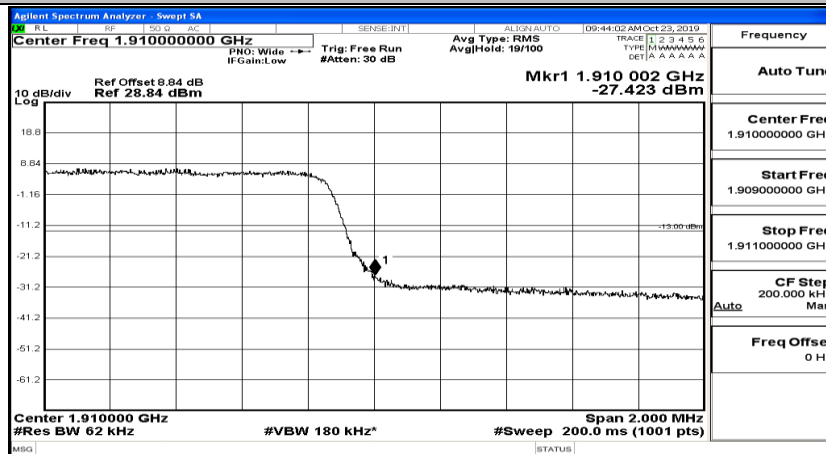
## Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



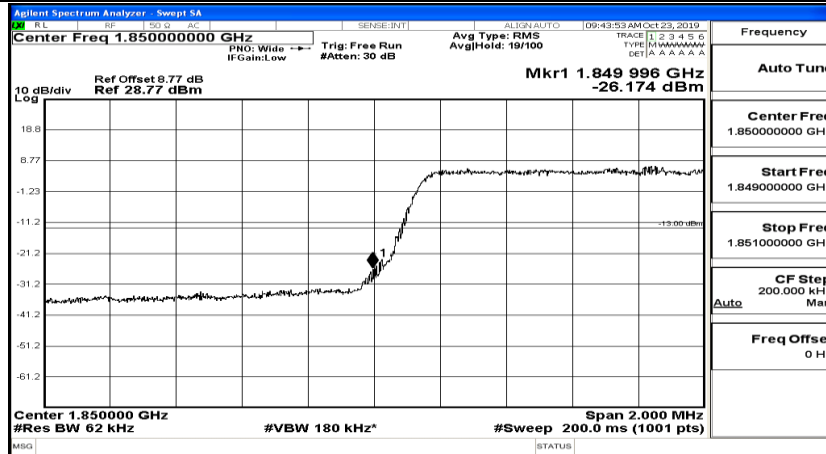
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



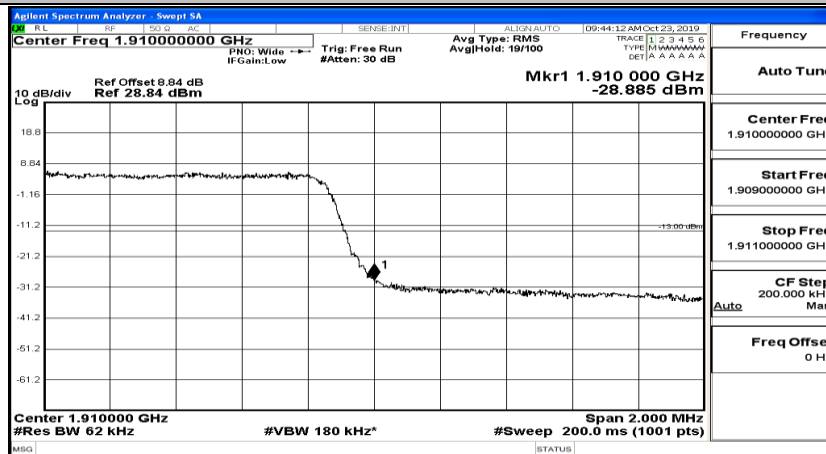
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



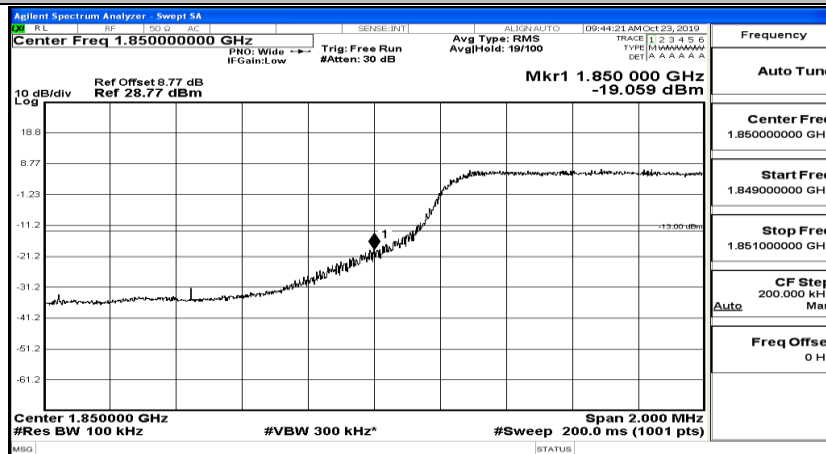
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



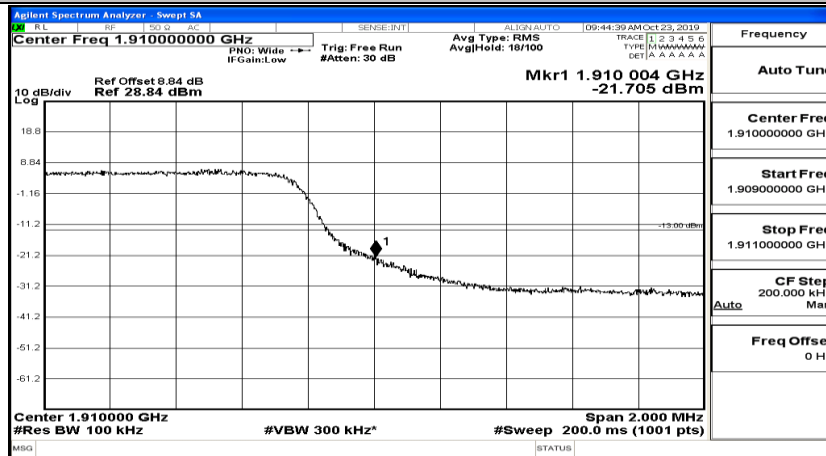
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



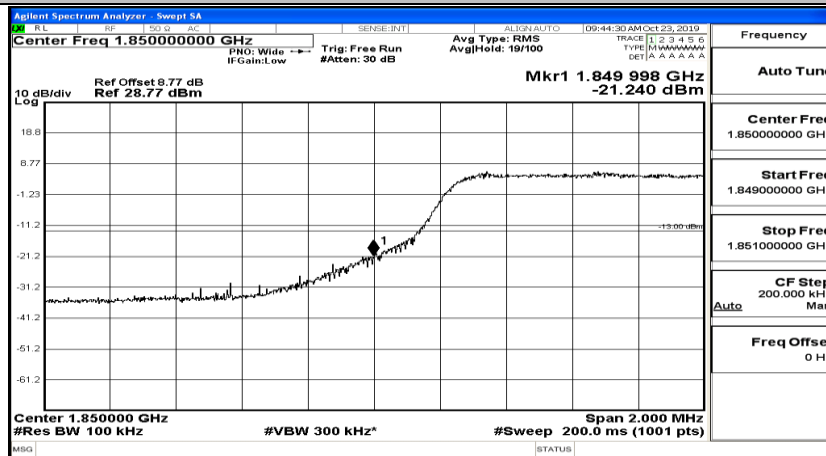
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



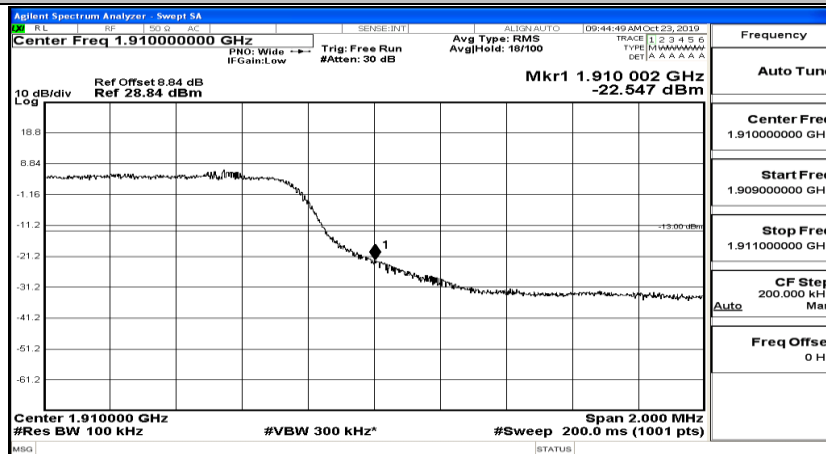
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



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

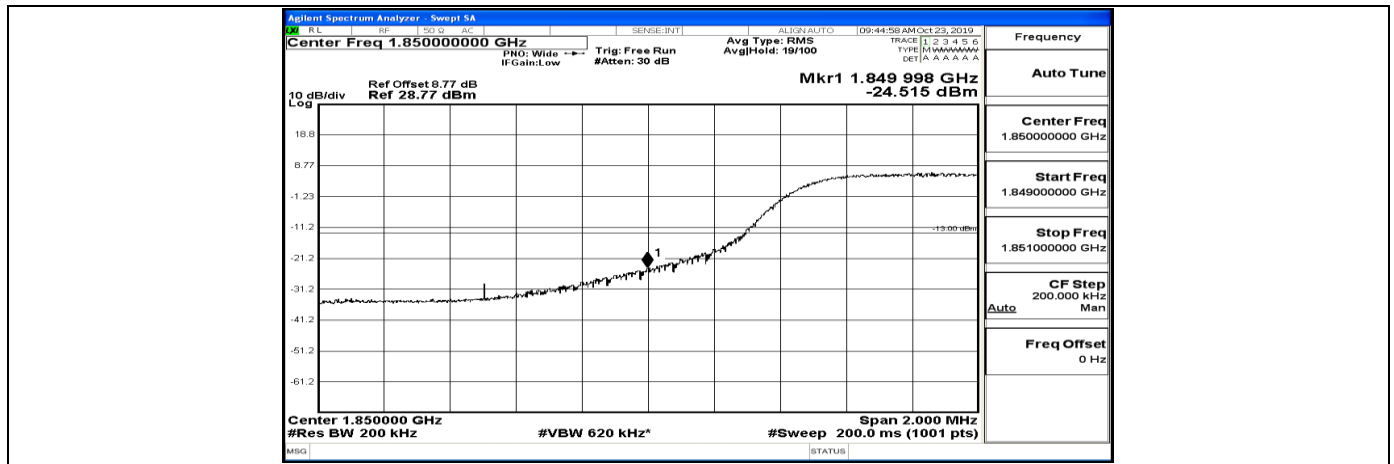


## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM

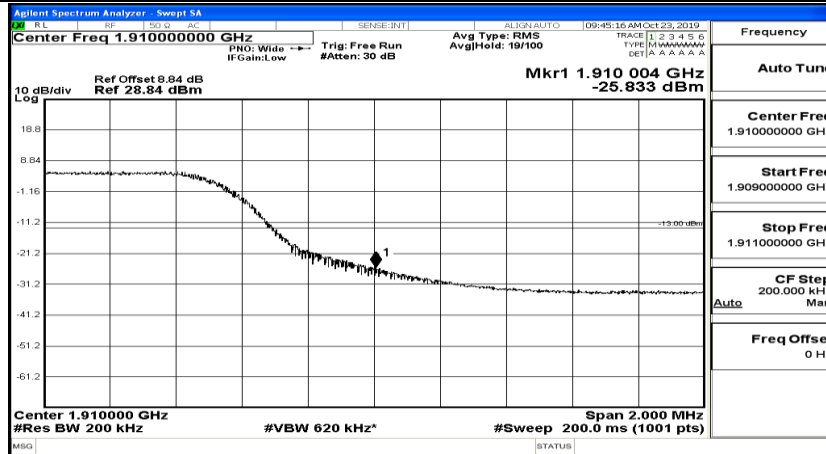


## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

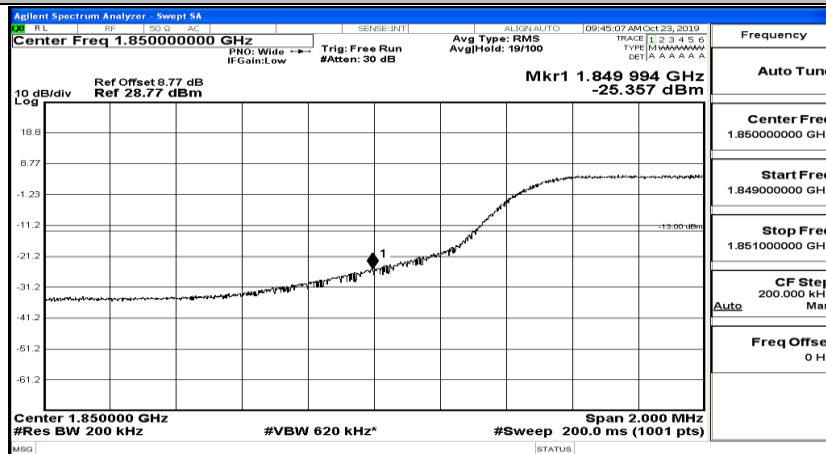




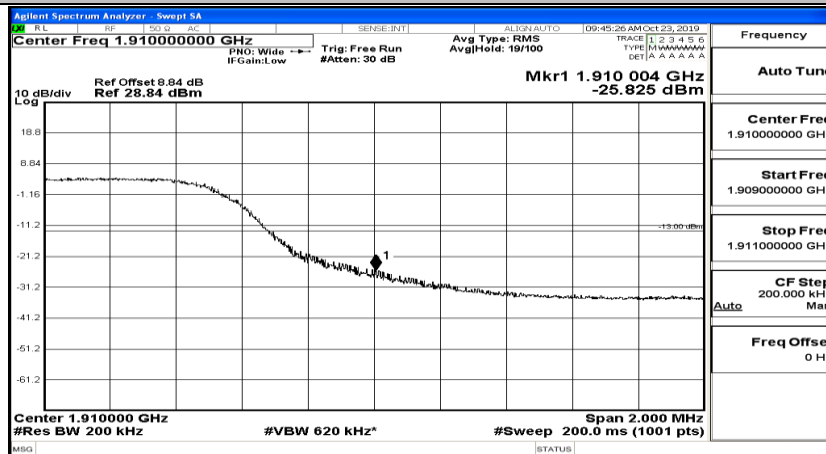
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



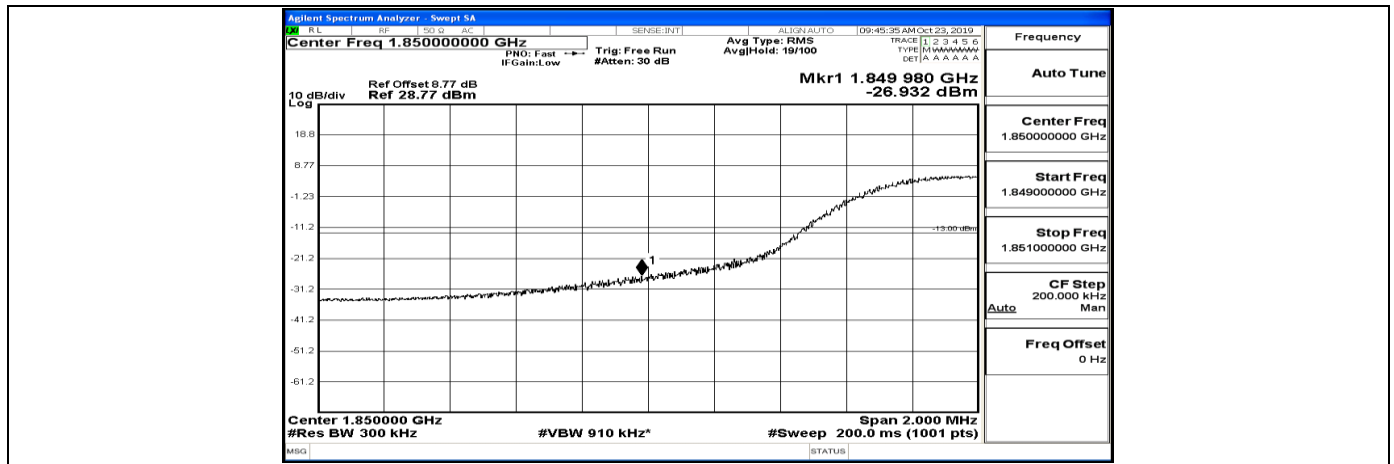
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



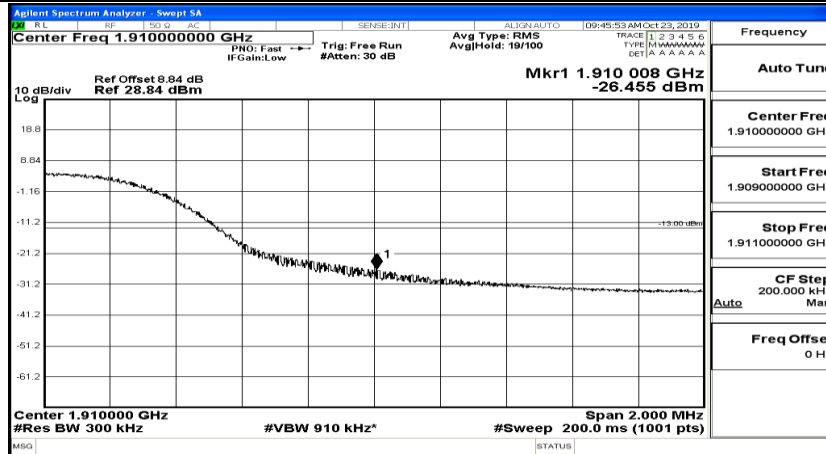
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



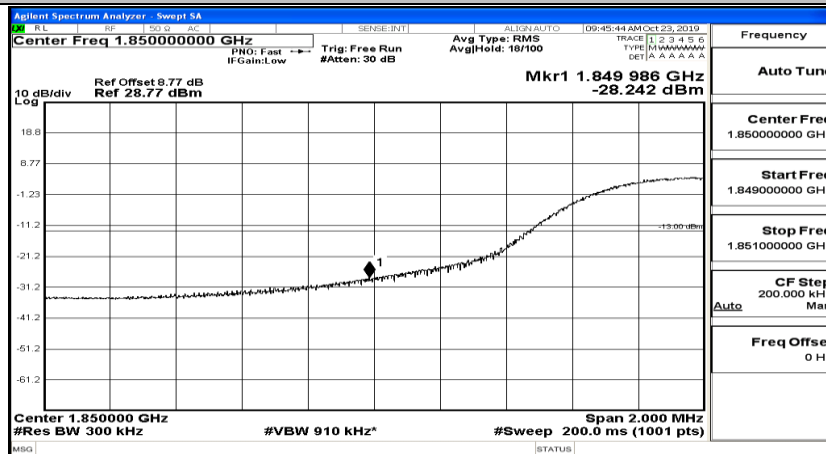
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



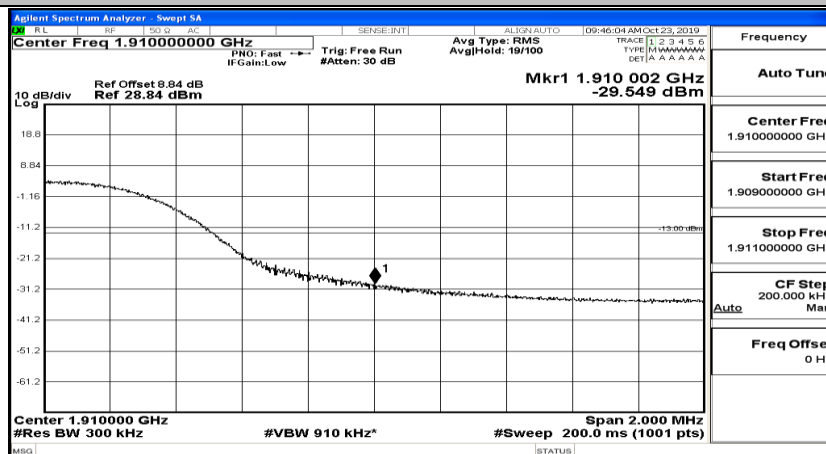
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



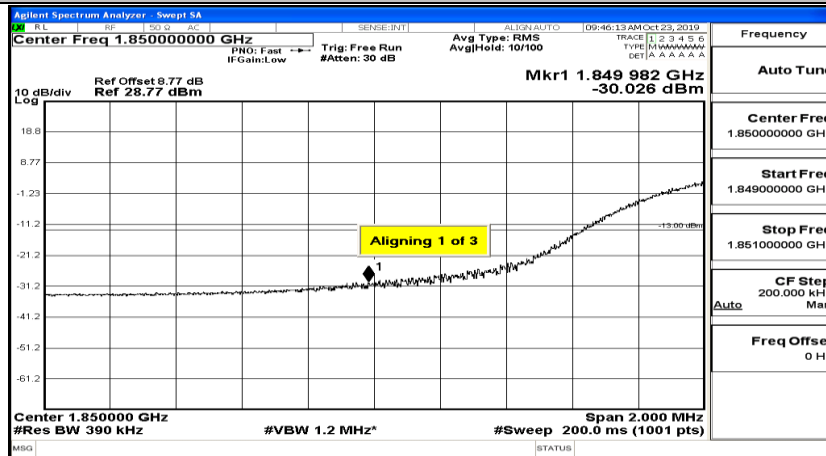
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



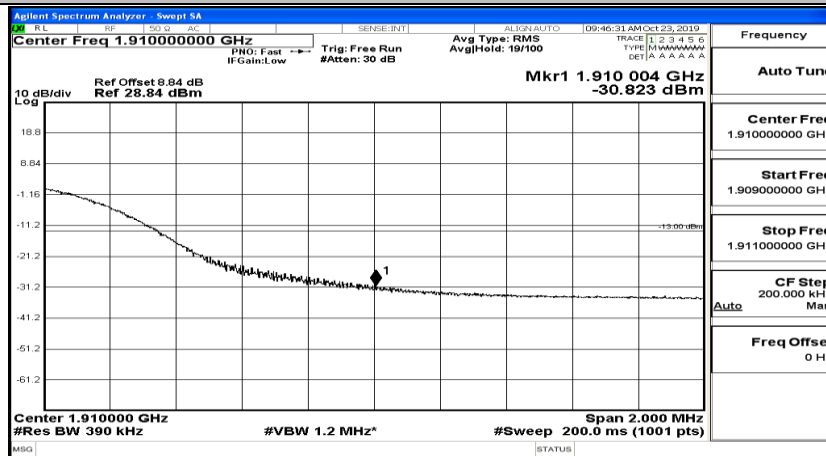
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



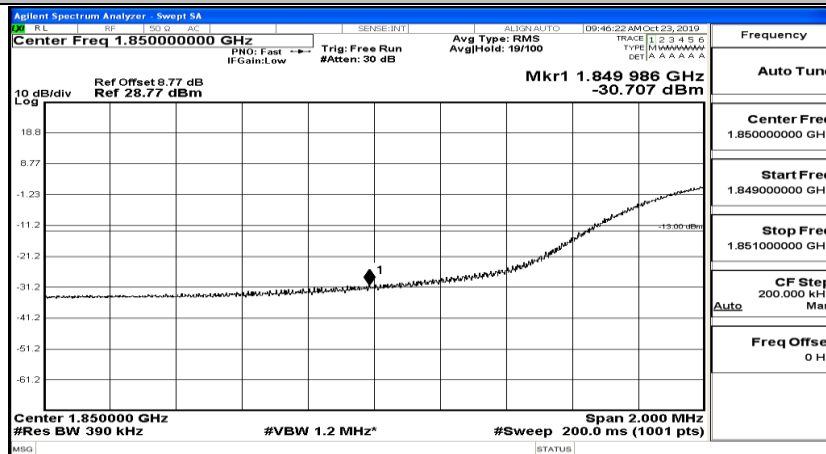
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



## 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

