

## Appendix E: Test Data for E-UTRA Band 4

**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

## E.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	22.22	22.86	PASS
		1	3	22.26	22.90	PASS
		1	5	22.14	22.78	PASS
		3	0	22.28	22.92	PASS
		3	2	22.28	22.92	PASS
		3	3	22.22	22.86	PASS
		6	0	21.24	21.88	PASS
	MCH	1	0	21.28	21.92	PASS
		1	3	21.42	22.06	PASS
		1	5	21.36	22.00	PASS
		3	0	21.40	22.04	PASS
		3	2	21.37	22.01	PASS
		3	3	21.42	22.06	PASS
		6	0	20.33	20.97	PASS
	HCH	1	0	21.71	22.35	PASS
		1	3	21.66	22.30	PASS
		1	5	21.61	22.25	PASS
		3	0	21.71	22.35	PASS

16QAM		3	2	21.71	22.35	PASS
		3	3	21.70	22.34	PASS
		6	0	20.64	21.28	PASS
	LCH	1	0	21.51	22.15	PASS
		1	3	21.67	22.31	PASS
		1	5	21.44	22.08	PASS
		3	0	21.46	22.10	PASS
		3	2	21.45	22.09	PASS
		3	3	21.42	22.06	PASS
		6	0	20.19	20.83	PASS
	MCH	1	0	20.67	21.31	PASS
		1	3	20.87	21.51	PASS
		1	5	20.76	21.40	PASS
		3	0	20.39	21.03	PASS
		3	2	20.46	21.10	PASS
		3	3	20.50	21.14	PASS
		6	0	19.29	19.93	PASS
	HCH	1	0	20.96	21.60	PASS
		1	3	21.10	21.74	PASS
		1	5	20.84	21.48	PASS
		3	0	20.82	21.46	PASS
		3	2	20.82	21.46	PASS
		3	3	20.81	21.45	PASS
		6	0	19.77	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	22.11	22.75	PASS
		1	7	22.35	22.99	PASS
		1	14	22.00	22.64	PASS
		8	0	21.17	21.81	PASS
		8	4	21.14	21.78	PASS
		8	7	21.07	21.71	PASS
		15	0	21.10	21.74	PASS
	MCH	1	0	21.17	21.81	PASS
		1	7	21.51	22.15	PASS
		1	14	21.40	22.04	PASS
		8	0	20.27	20.91	PASS
		8	4	20.37	21.01	PASS
		8	7	20.38	21.02	PASS

	HCH	15	0	20.29	20.93	PASS
		1	0	21.73	22.37	PASS
		1	7	21.82	22.46	PASS
		1	14	21.54	22.18	PASS
		8	0	20.65	21.29	PASS
		8	4	20.67	21.31	PASS
		8	7	20.54	21.18	PASS
		15	0	20.60	21.24	PASS
16QAM	LCH	1	0	21.53	22.17	PASS
		1	7	21.65	22.29	PASS
		1	14	21.36	22.00	PASS
		8	0	20.23	20.87	PASS
		8	4	20.29	20.93	PASS
		8	7	20.10	20.74	PASS
		15	0	20.08	20.72	PASS
	MCH	1	0	20.54	21.18	PASS
		1	7	20.83	21.47	PASS
		1	14	20.68	21.32	PASS
		8	0	19.33	19.97	PASS
		8	4	19.45	20.09	PASS
		8	7	19.41	20.05	PASS
		15	0	19.26	19.90	PASS
	HCH	1	0	21.12	21.76	PASS
		1	7	21.29	21.93	PASS
		1	14	21.05	21.69	PASS
		8	0	19.65	20.29	PASS
		8	4	19.61	20.25	PASS
		8	7	19.54	20.18	PASS
		15	0	19.57	20.21	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	22.09	22.73	PASS
		1	12	22.24	22.88	PASS
		1	24	21.72	22.36	PASS
		12	0	21.11	21.75	PASS
		12	6	21.07	21.71	PASS
		12	13	20.89	21.53	PASS
		25	0	21.08	21.72	PASS
	MCH	1	0	21.05	21.69	PASS
		1	12	21.47	22.11	PASS

		1	24	21.38	22.02	PASS
		12	0	20.18	20.82	PASS
		12	6	20.37	21.01	PASS
		12	13	20.39	21.03	PASS
		25	0	20.34	20.98	PASS
	HCH	1	0	21.76	22.40	PASS
		1	12	21.87	22.51	PASS
		1	24	21.44	22.08	PASS
		12	0	20.80	21.44	PASS
		12	6	20.76	21.40	PASS
		12	13	20.59	21.23	PASS
		25	0	20.75	21.39	PASS
16QAM	LCH	1	0	21.57	22.21	PASS
		1	12	21.69	22.33	PASS
		1	24	21.16	21.80	PASS
		12	0	20.31	20.95	PASS
		12	6	20.28	20.92	PASS
		12	13	20.08	20.72	PASS
		25	0	20.09	20.73	PASS
	MCH	1	0	20.46	21.1	PASS
		1	12	20.91	21.55	PASS
		1	24	20.81	21.45	PASS
		12	0	19.36	20.0	PASS
		12	6	19.51	20.15	PASS
		12	13	19.54	20.18	PASS
		25	0	19.34	19.98	PASS
	HCH	1	0	20.84	21.48	PASS
		1	12	21.05	21.69	PASS
		1	24	20.56	21.20	PASS
		12	0	19.86	20.50	PASS
		12	6	19.86	20.50	PASS
		12	13	19.66	20.30	PASS
		25	0	19.77	20.41	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	22.13	22.77	PASS
		1	24	21.99	22.63	PASS
		1	49	21.29	21.93	PASS
		25	0	21.08	21.72	PASS
		25	12	20.87	21.51	PASS
		25	25	20.64	21.28	PASS
		50	0	20.84	21.48	PASS
	MCH	1	0	20.92	21.56	PASS
		1	24	21.49	22.13	PASS
		1	49	21.69	22.33	PASS
		25	0	20.16	20.80	PASS
		25	12	20.39	21.03	PASS
		25	25	20.55	21.19	PASS
		50	0	20.34	20.98	PASS
	HCH	1	0	22.05	22.69	PASS
		1	24	22.02	22.66	PASS
		1	49	21.52	22.16	PASS
		25	0	21.05	21.69	PASS
		25	12	20.95	21.59	PASS
		25	25	20.75	21.39	PASS
		50	0	20.91	21.55	PASS
16QAM	LCH	1	0	21.48	22.12	PASS
		1	24	21.30	21.94	PASS
		1	49	20.66	21.30	PASS
		25	0	20.13	20.77	PASS
		25	12	19.87	20.51	PASS
		25	25	19.65	20.29	PASS
		50	0	19.91	20.55	PASS
	MCH	1	0	20.28	20.92	PASS
		1	24	20.78	21.42	PASS
		1	49	21.03	21.67	PASS
		25	0	19.15	19.79	PASS
		25	12	19.39	20.03	PASS
		25	25	19.52	20.16	PASS
		50	0	19.37	20.01	PASS
	HCH	1	0	21.53	22.17	PASS
		1	24	21.49	22.13	PASS
		1	49	20.98	21.62	PASS
		25	0	20.12	20.76	PASS

		25	12	19.98	20.62	PASS
		25	25	19.78	20.42	PASS
		50	0	19.97	20.61	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	22.09	22.73	PASS
		1	37	21.70	22.34	PASS
		1	74	20.98	21.62	PASS
		37	0	20.88	21.52	PASS
		37	18	20.62	21.26	PASS
		37	38	20.31	20.95	PASS
		75	0	20.60	21.24	PASS
	MCH	1	0	20.84	21.48	PASS
		1	37	21.46	22.10	PASS
		1	74	21.89	22.53	PASS
		37	0	20.03	20.67	PASS
		37	18	20.40	21.04	PASS
		37	38	20.60	21.24	PASS
		75	0	20.35	20.99	PASS
	HCH	1	0	21.92	22.56	PASS
		1	37	22.22	22.86	PASS
		1	74	21.46	22.10	PASS
		37	0	21.12	21.76	PASS
		37	18	21.10	21.74	PASS
		37	38	20.83	21.47	PASS
		75	0	20.99	21.63	PASS
16QAM	LCH	1	0	21.42	22.06	PASS
		1	37	21.07	21.71	PASS
		1	74	20.35	20.99	PASS
		37	0	19.91	20.55	PASS
		37	18	19.66	20.30	PASS
		37	38	19.32	19.96	PASS
		75	0	19.64	20.28	PASS
	MCH	1	0	20.19	20.83	PASS
		1	37	20.79	21.43	PASS
		1	74	21.20	21.84	PASS
		37	0	19.02	19.66	PASS
		37	18	19.36	20.00	PASS
		37	38	19.63	20.27	PASS
		75	0	19.35	19.99	PASS

	HCH	1	0	21.25	21.89	PASS
		1	37	21.61	22.25	PASS
		1	74	20.81	21.45	PASS
		37	0	20.14	20.78	PASS
		37	18	20.08	20.72	PASS
		37	38	19.88	20.52	PASS
		75	0	19.98	20.62	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	22.15	22.79	PASS
		1	49	21.61	22.25	PASS
		1	99	21.08	21.72	PASS
		50	0	20.78	21.42	PASS
		50	25	20.39	21.03	PASS
		50	50	20.39	21.03	PASS
		100	0	20.56	21.20	PASS
	MCH	1	0	20.99	21.63	PASS
		1	49	21.59	22.23	PASS
		1	99	22.02	22.66	PASS
		50	0	19.89	20.53	PASS
		50	25	20.43	21.07	PASS
		50	50	20.58	21.22	PASS
		100	0	20.24	20.88	PASS
	HCH	1	0	21.52	22.16	PASS
		1	49	22.34	22.98	PASS
		1	99	21.47	22.11	PASS
		50	0	21.10	21.74	PASS
		50	25	21.09	21.73	PASS
		50	50	20.89	21.53	PASS
		100	0	20.99	21.63	PASS
16QAM	LCH	1	0	21.32	21.96	PASS
		1	49	20.81	21.45	PASS
		1	99	20.30	20.94	PASS
		50	0	19.74	20.38	PASS
		50	25	19.41	20.05	PASS
		50	50	19.34	19.98	PASS
		100	0	19.51	20.15	PASS
	MCH	1	0	20.15	20.79	PASS
		1	49	20.81	21.45	PASS
		1	99	21.21	21.85	PASS

		50	0	18.85	19.49	PASS
		50	25	19.39	20.03	PASS
		50	50	19.59	20.23	PASS
		100	0	19.22	19.86	PASS
	HCH	1	0	20.95	21.59	PASS
		1	49	21.72	22.36	PASS
		1	99	20.93	21.57	PASS
		50	0	20.15	20.79	PASS
		50	25	20.17	20.81	PASS
		50	50	19.97	20.61	PASS
		100	0	19.98	20.62	PASS



**E.2: Peak-to-Average Ratio**

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.91	<13	PASS
	MCH	4.98	<13	PASS
	HCH	4.68	<13	PASS
16QAM	LCH	5.96	<13	PASS
	MCH	5.99	<13	PASS
	HCH	5.71	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.97	<13	PASS
	MCH	5.20	<13	PASS
	HCH	5.07	<13	PASS
16QAM	LCH	5.93	<13	PASS
	MCH	5.97	<13	PASS
	HCH	5.87	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.00	<13	PASS
	MCH	5.08	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	5.79	<13	PASS
	MCH	5.90	<13	PASS
	HCH	5.78	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.30	<13	PASS
	MCH	5.25	<13	PASS
	HCH	5.26	<13	PASS
16QAM	LCH	6.07	<13	PASS
	MCH	5.98	<13	PASS
	HCH	6.05	<13	PASS

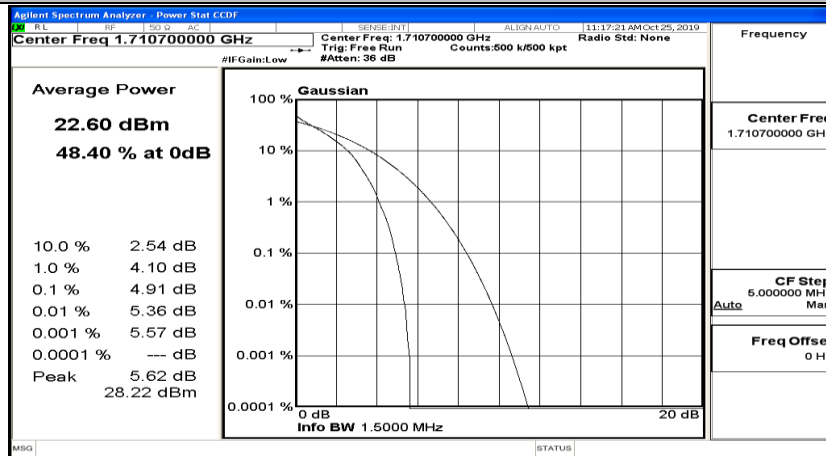
**Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.99	<13	PASS
	MCH	4.89	<13	PASS
	HCH	4.95	<13	PASS
16QAM	LCH	6.22	<13	PASS
	MCH	6.15	<13	PASS
	HCH	6.21	<13	PASS

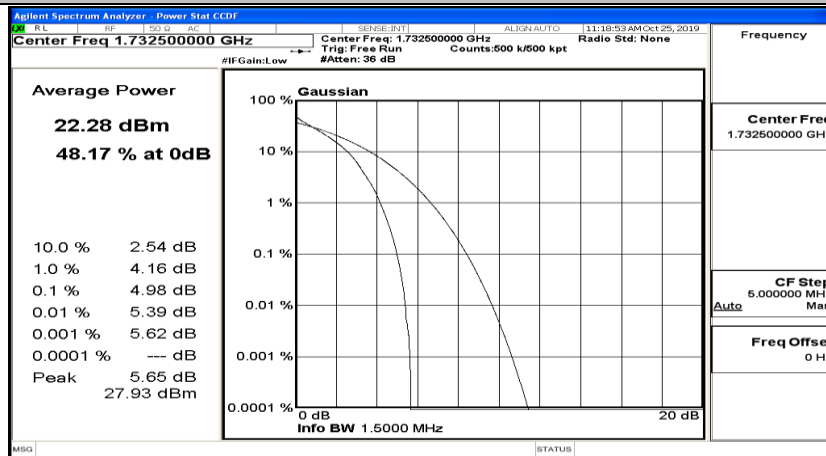
**Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.71	<13	PASS
	MCH	5.61	<13	PASS
	HCH	5.77	<13	PASS
16QAM	LCH	6.80	<13	PASS
	MCH	6.67	<13	PASS
	HCH	6.69	<13	PASS

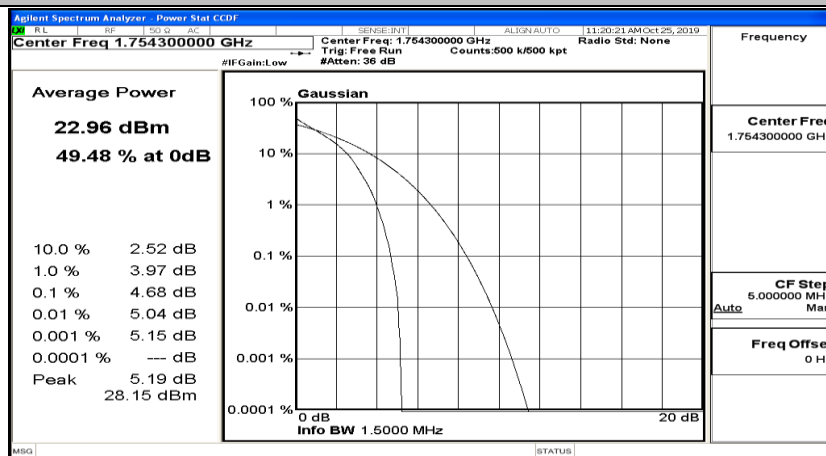
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



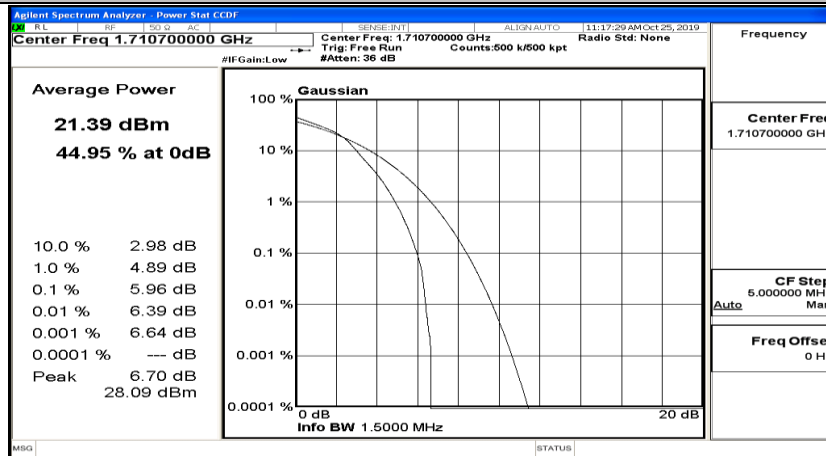
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



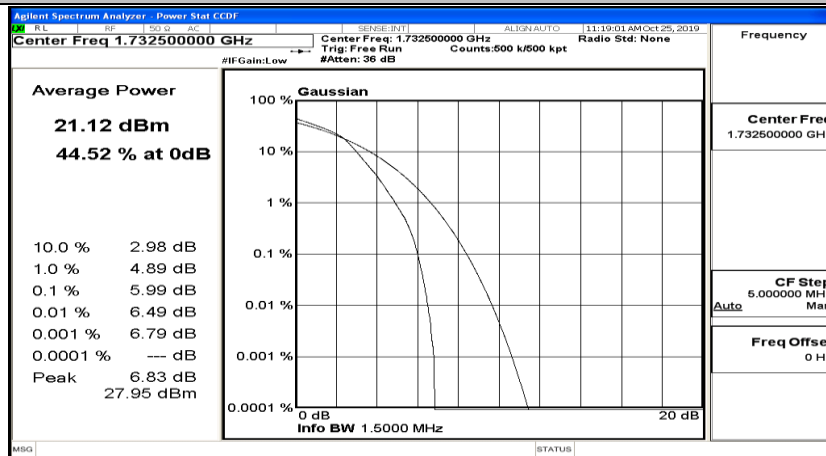
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



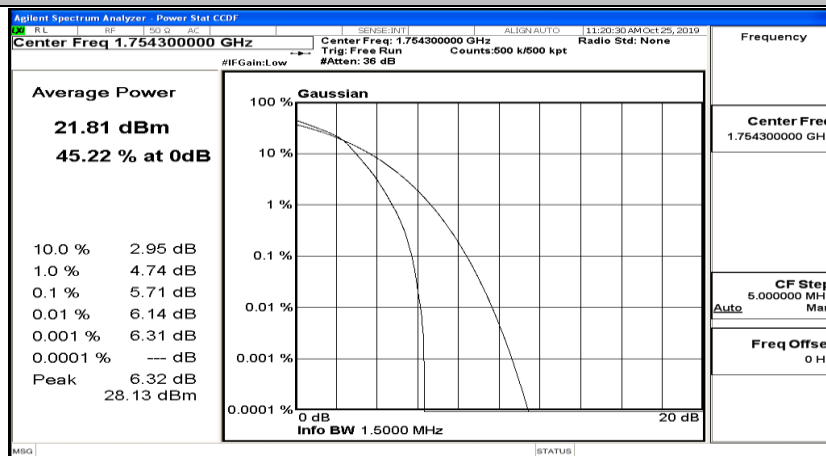
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



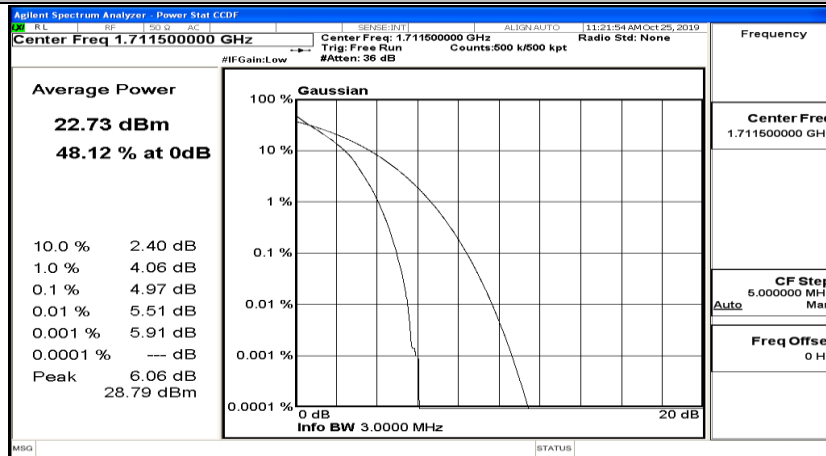
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



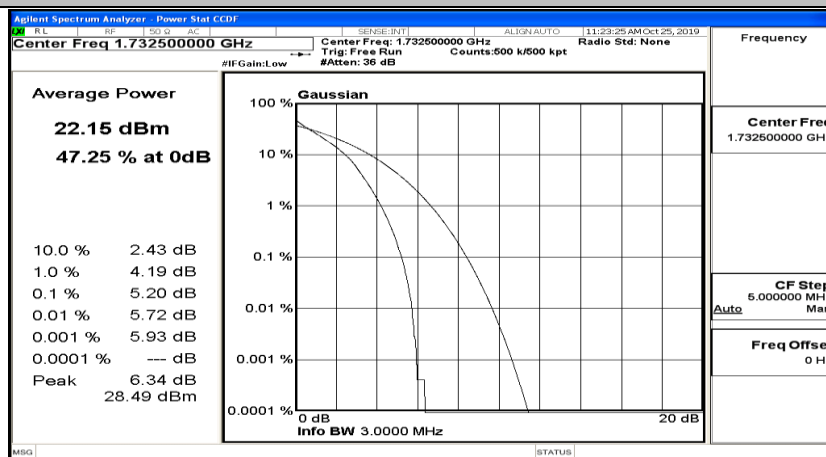
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



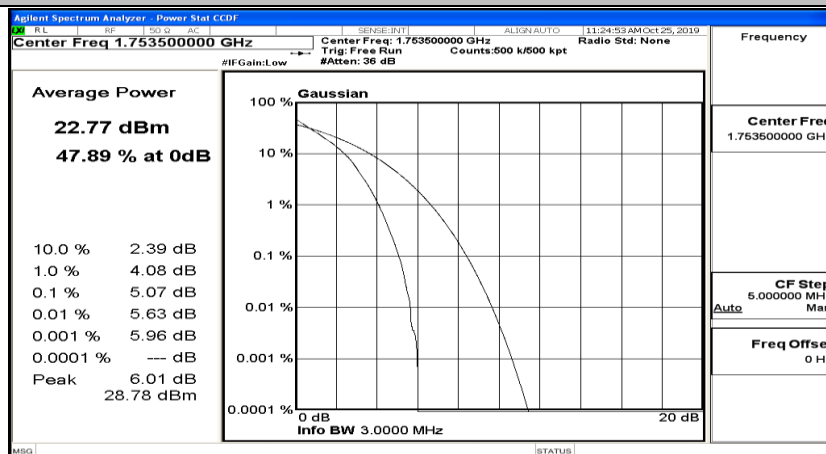
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



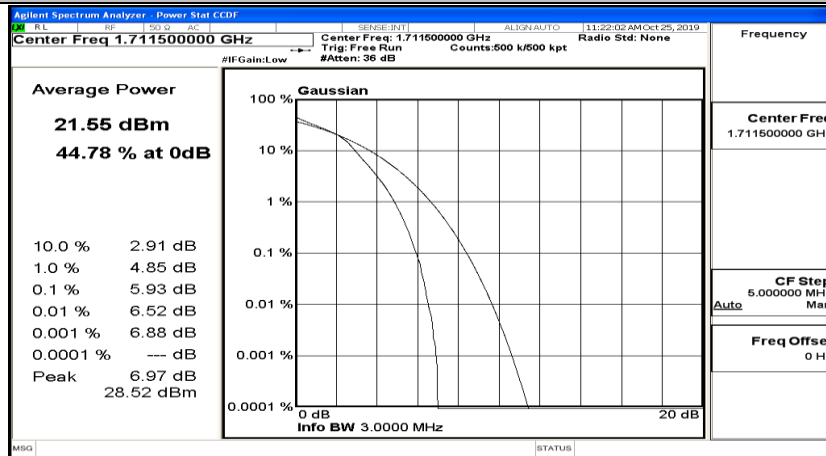
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



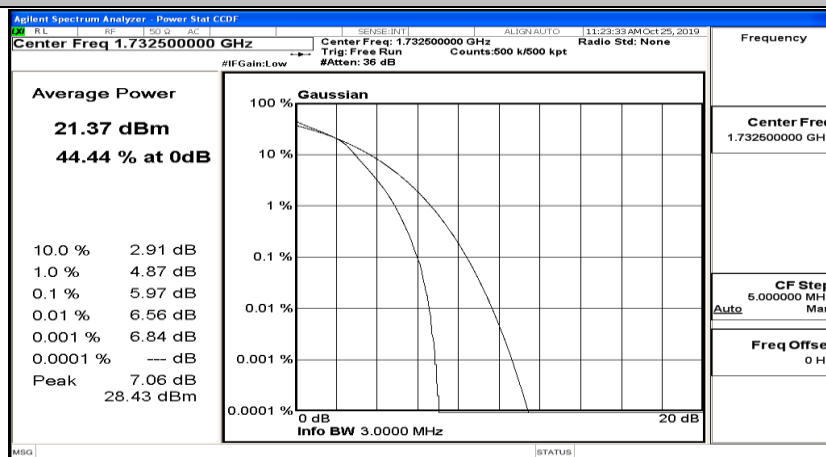
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



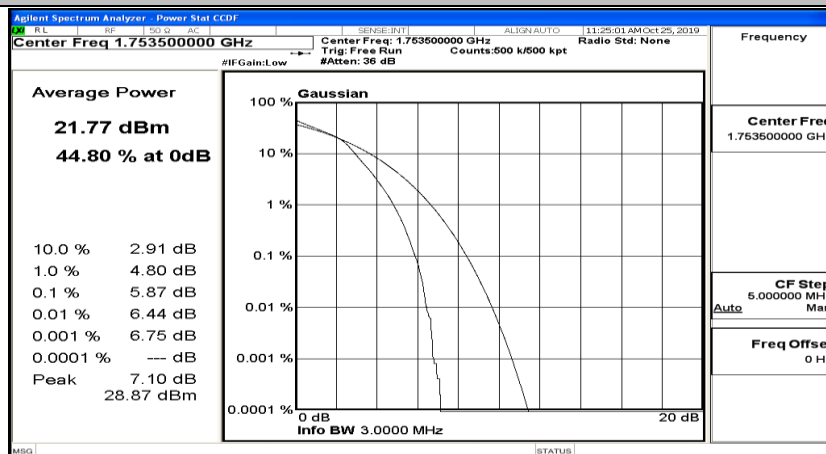
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



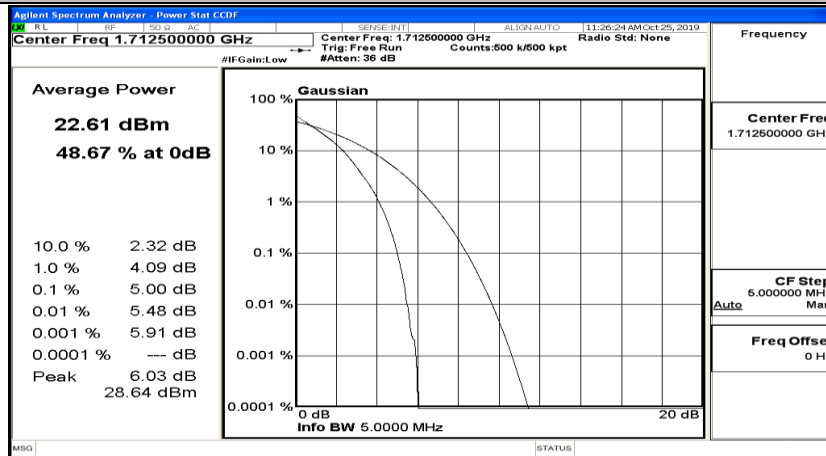
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



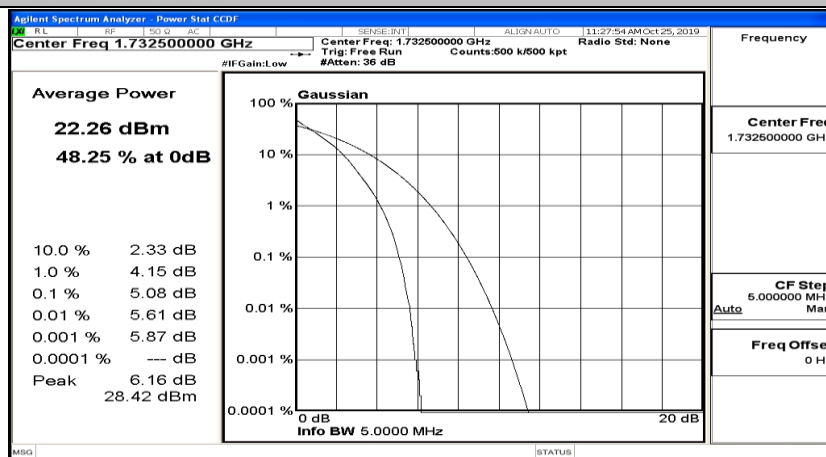
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



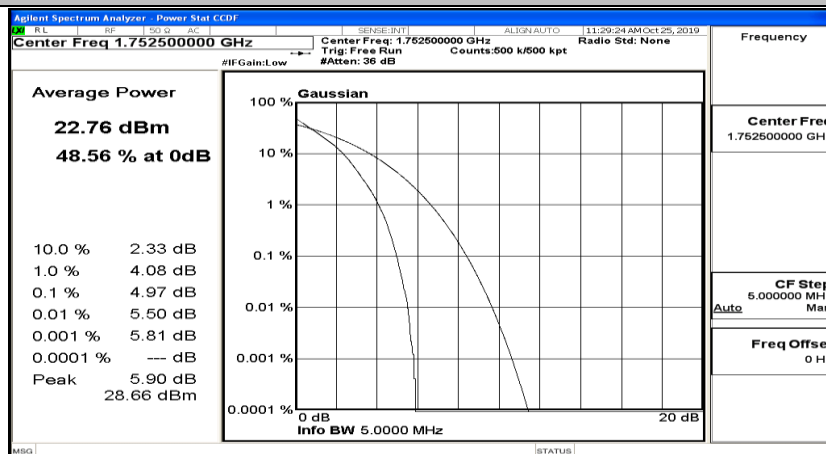
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



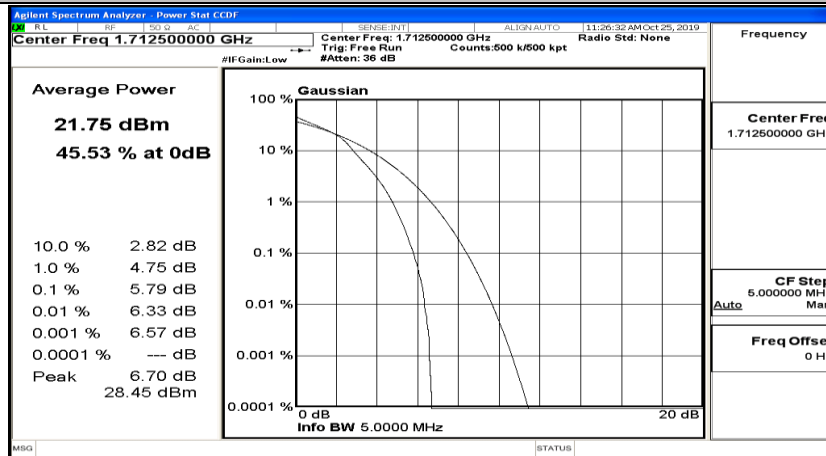
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



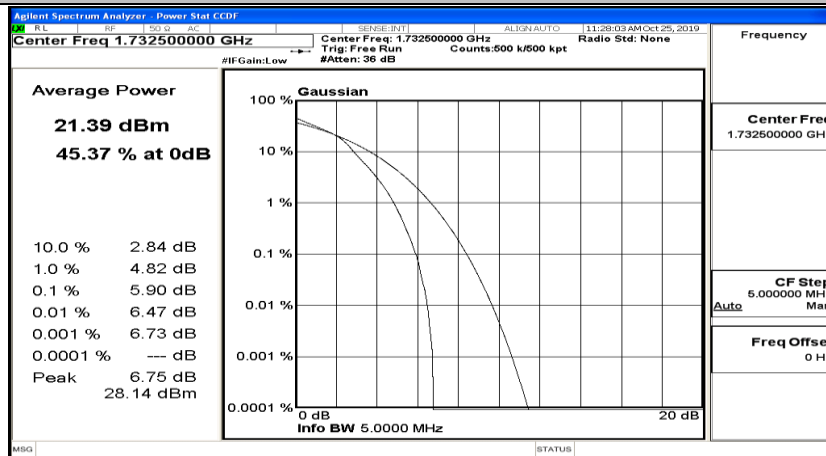
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



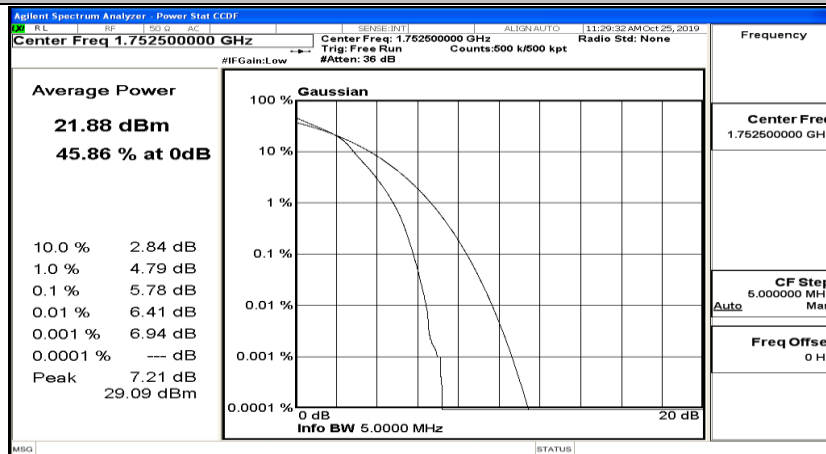
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



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

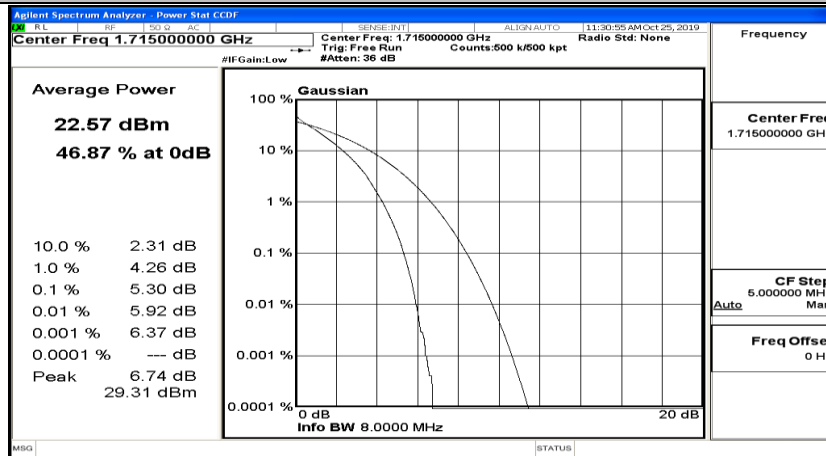


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM

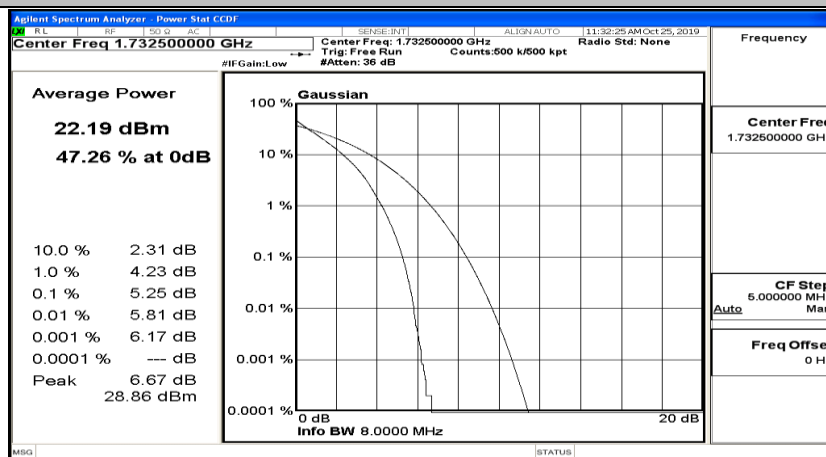




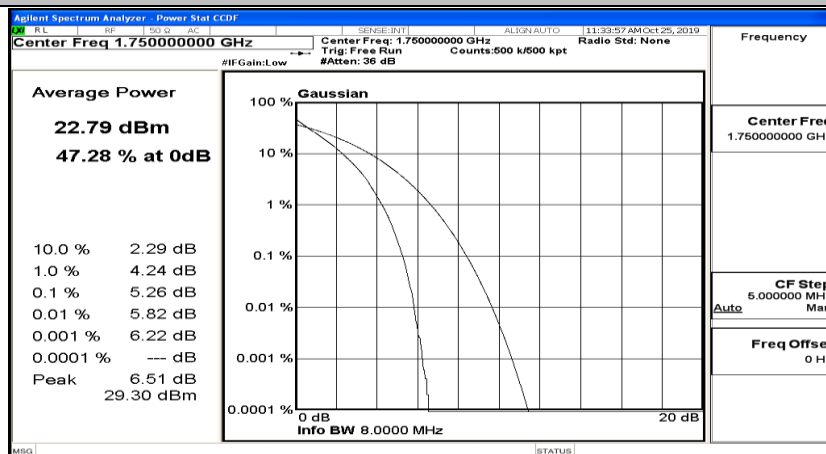
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) \_LCH\_QPSK



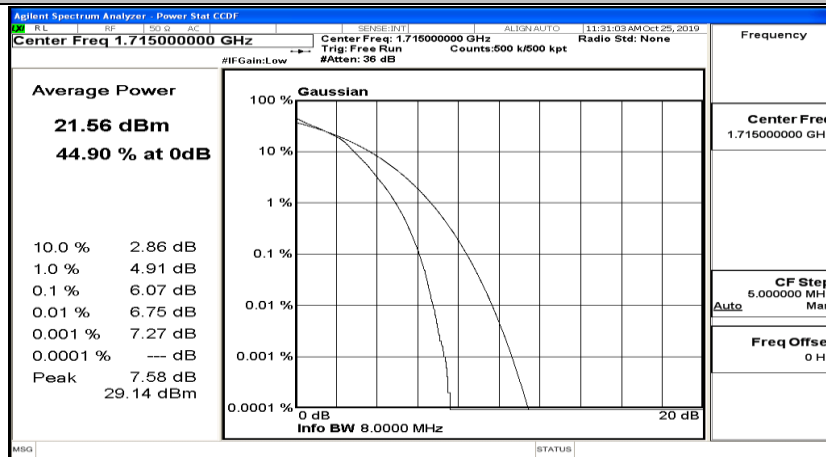
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) \_MCH\_QPSK



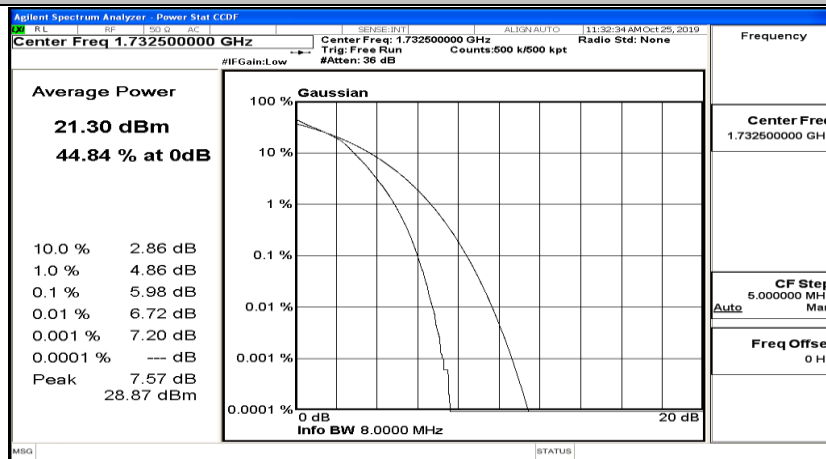
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) \_HCH\_QPSK



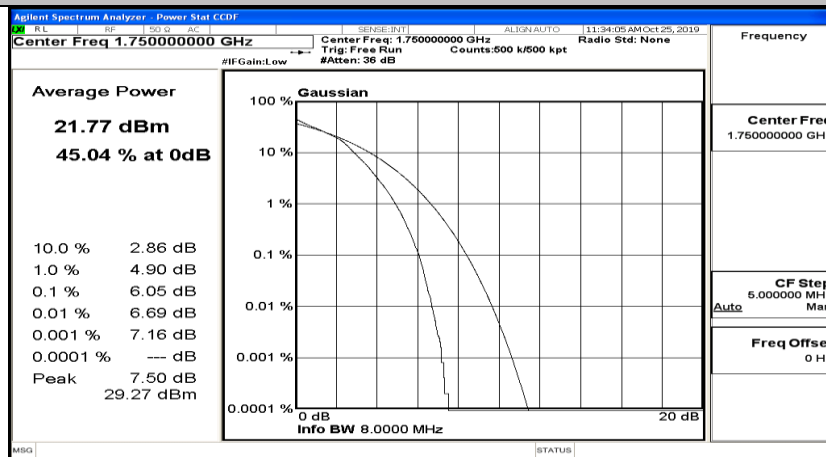
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



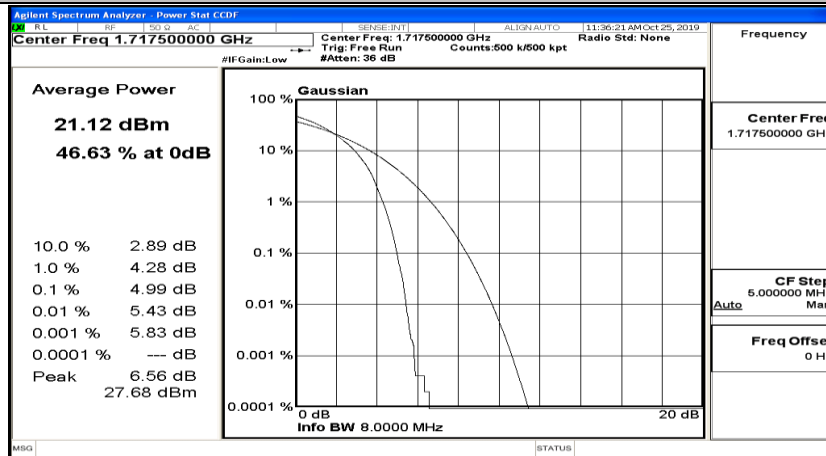
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



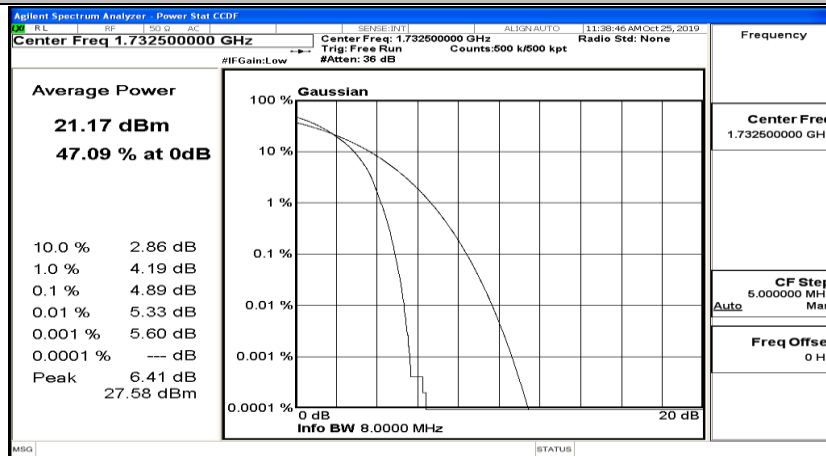
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



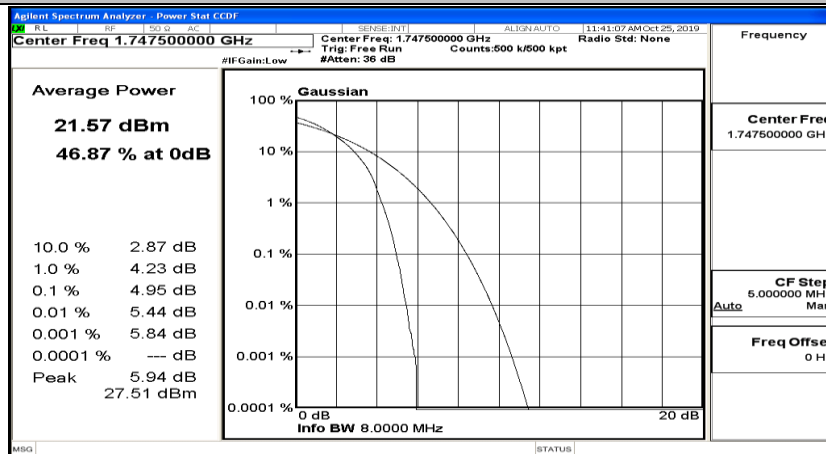
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



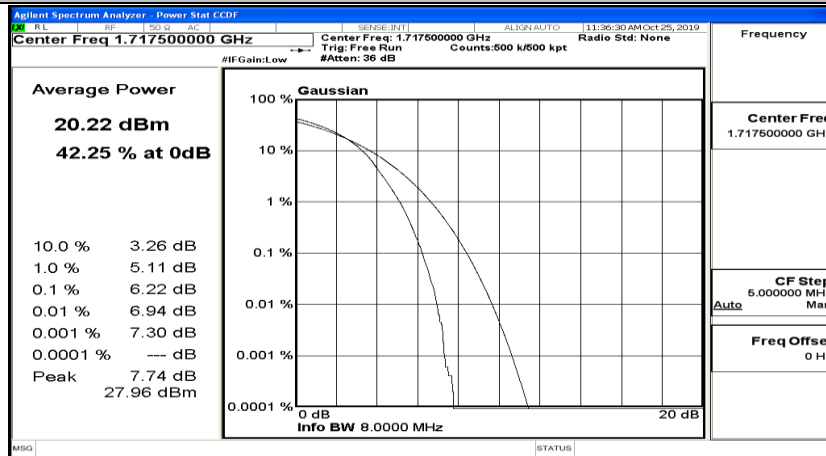
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



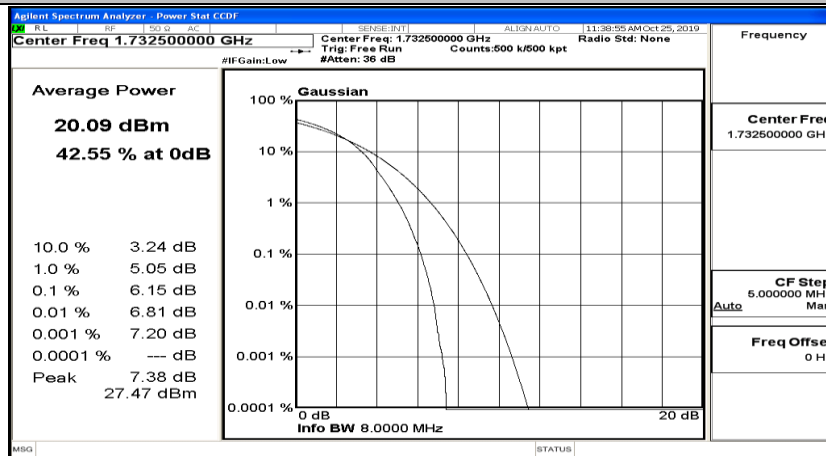
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



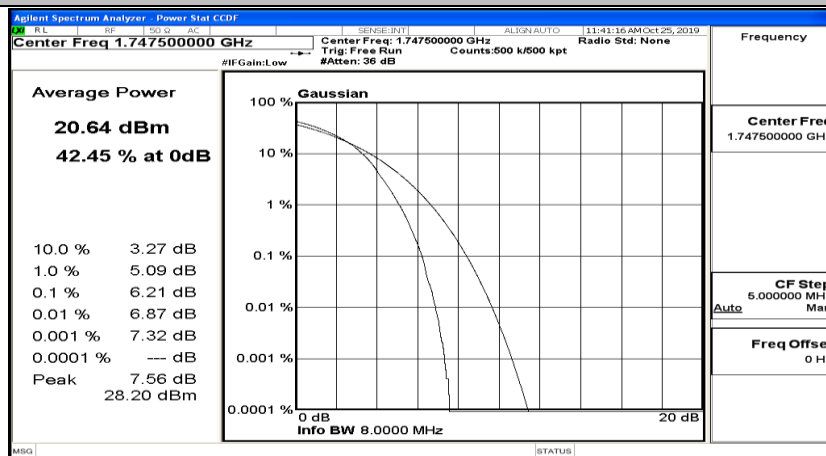
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



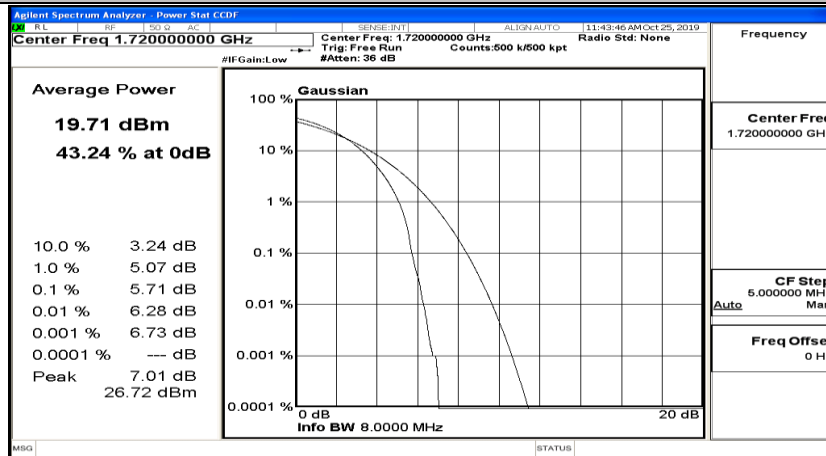
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



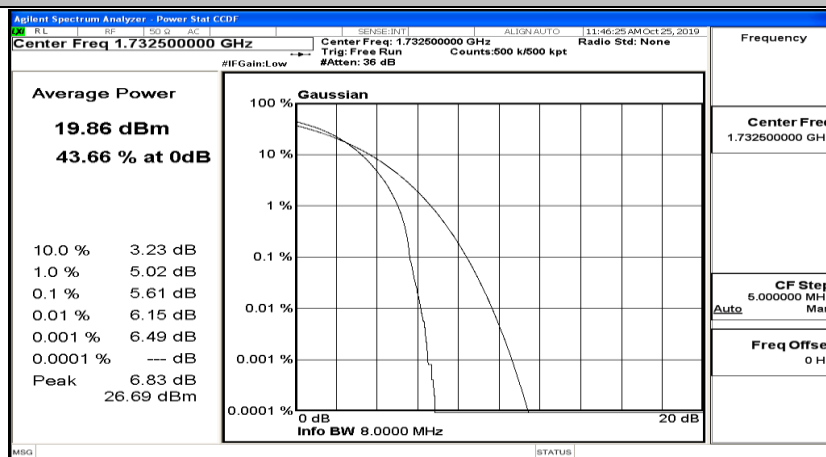
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



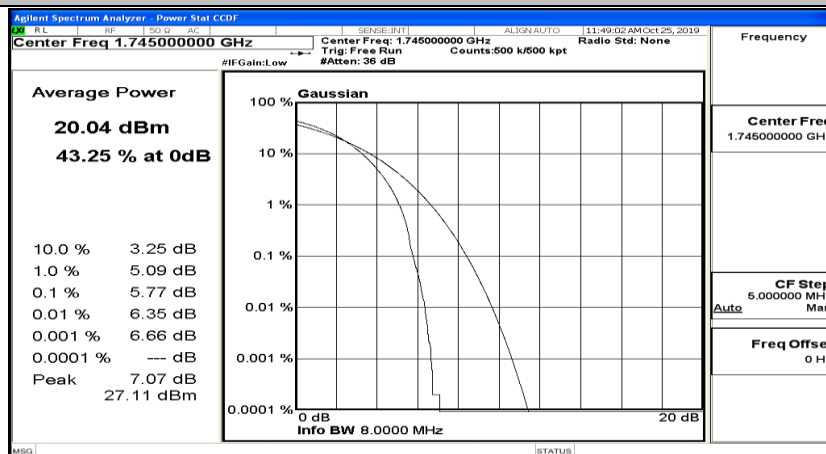
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



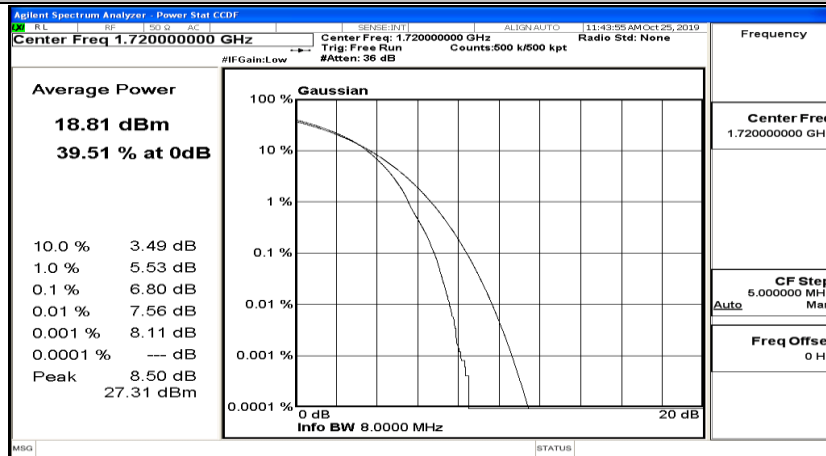
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



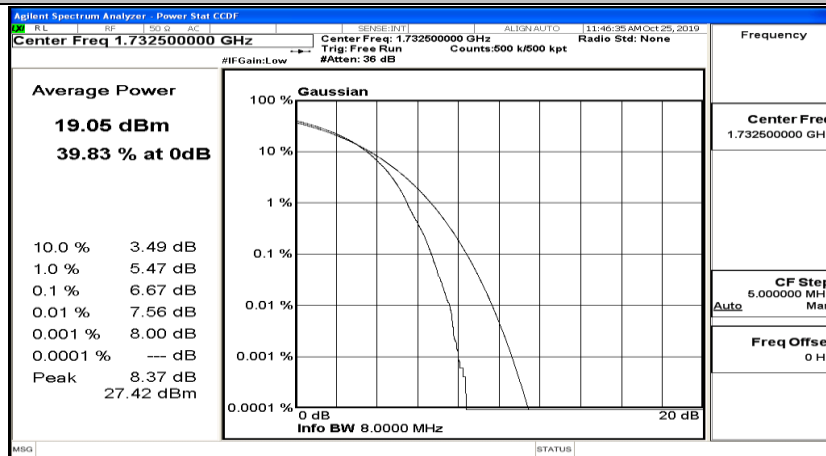
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



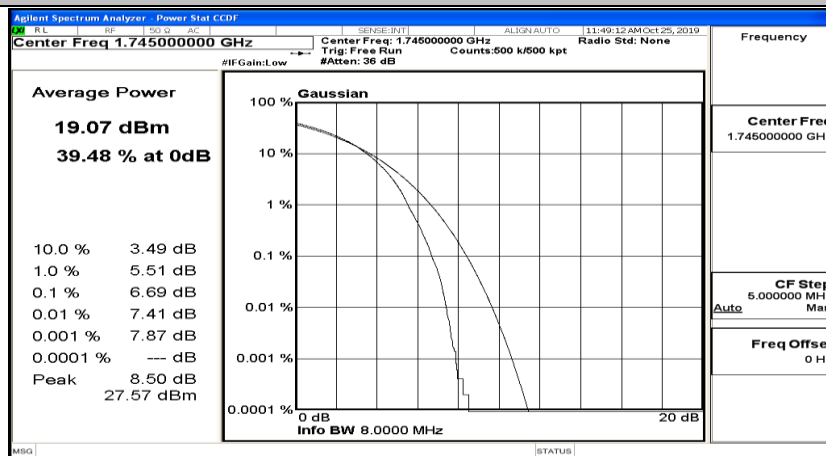
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## 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



**E.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	1.0761	1.201	PASS
	MCH	1.0720	1.225	PASS
	HCH	1.0778	1.224	PASS
16QAM	LCH	1.0798	1.240	PASS
	MCH	1.0780	1.222	PASS
	HCH	1.0748	1.246	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6740	2.822	PASS
	MCH	2.6775	2.818	PASS
	HCH	2.6769	2.830	PASS
16QAM	LCH	2.6803	2.844	PASS
	MCH	2.6761	2.820	PASS
	HCH	2.6793	2.828	PASS

EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4743	4.838	PASS
	MCH	4.4811	4.840	PASS
	HCH	4.4749	4.882	PASS
16QAM	LCH	4.4768	4.886	PASS
	MCH	4.4670	4.872	PASS
	HCH	4.4820	4.835	PASS

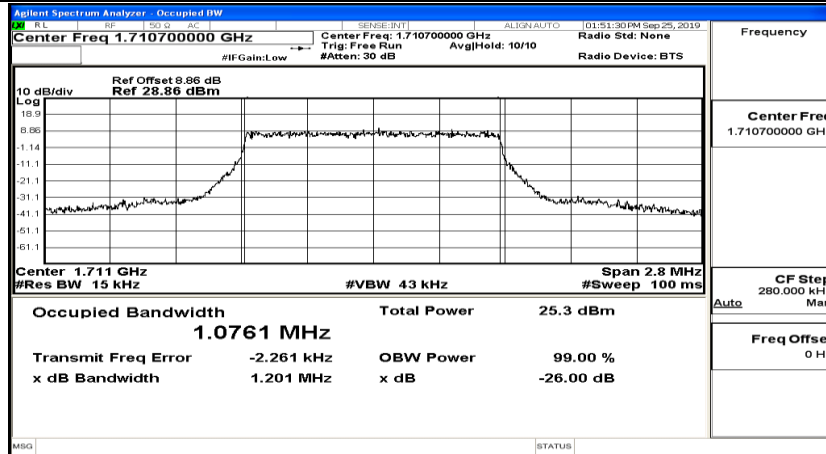
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9498	9.546	PASS
	MCH	8.9401	9.569	PASS
	HCH	8.9290	9.542	PASS
16QAM	LCH	8.9435	9.526	PASS
	MCH	8.9268	9.471	PASS
	HCH	8.9444	9.450	PASS

EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.415	14.13	PASS
	MCH	13.375	14.04	PASS
	HCH	13.406	14.05	PASS
16QAM	LCH	13.422	14.14	PASS
	MCH	13.379	14.05	PASS
	HCH	13.400	14.09	PASS

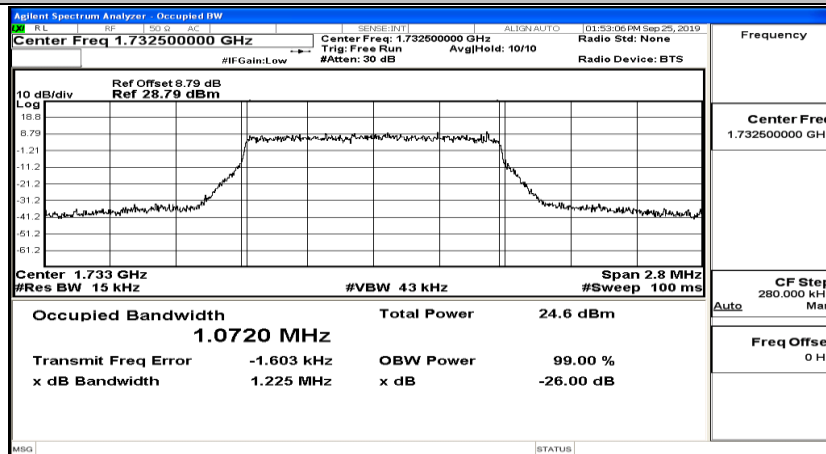
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.894	18.77	PASS
	MCH	17.817	18.63	PASS
	HCH	17.851	18.60	PASS
16QAM	LCH	17.895	18.73	PASS
	MCH	17.831	18.56	PASS
	HCH	17.849	18.62	PASS



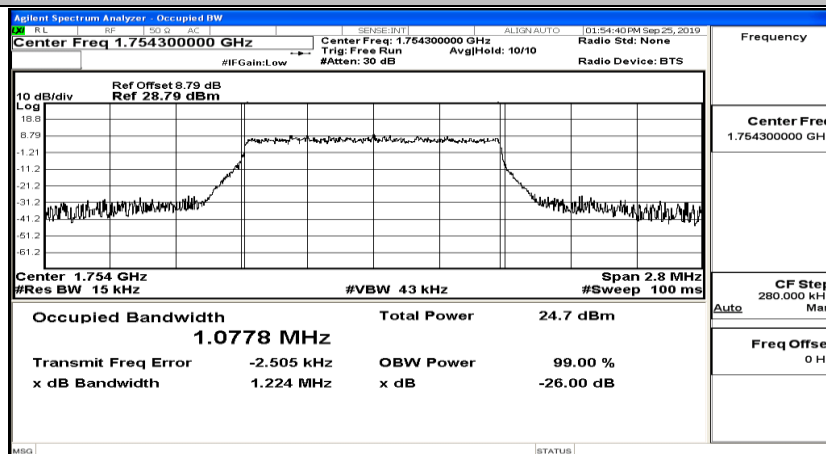
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



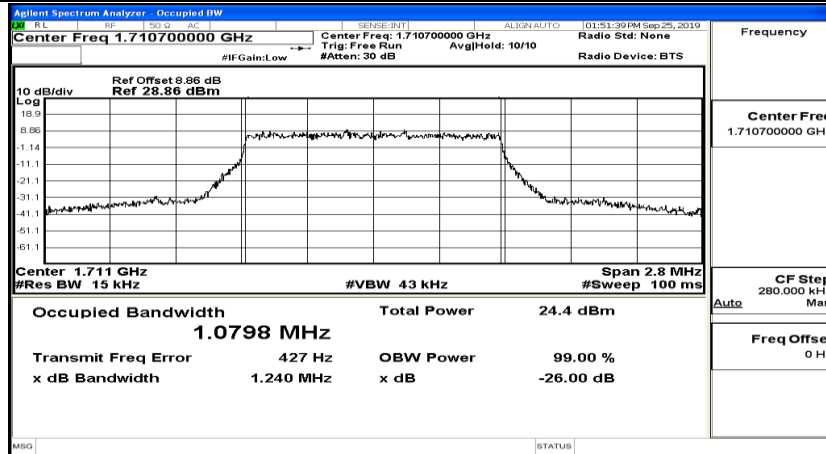
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



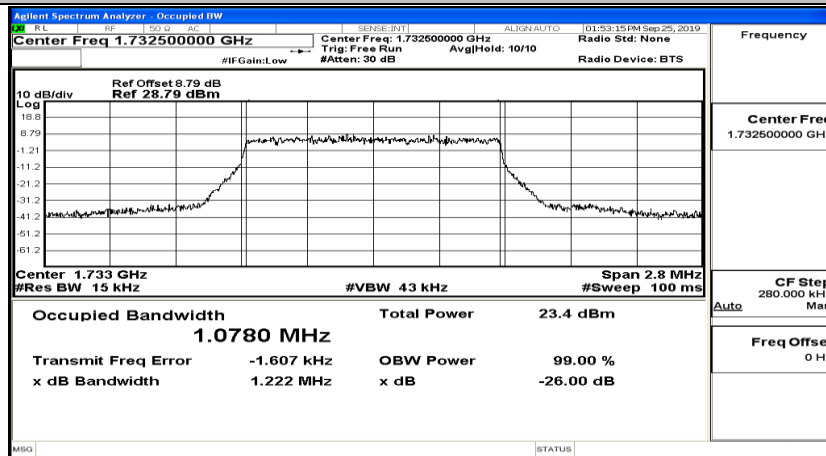
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



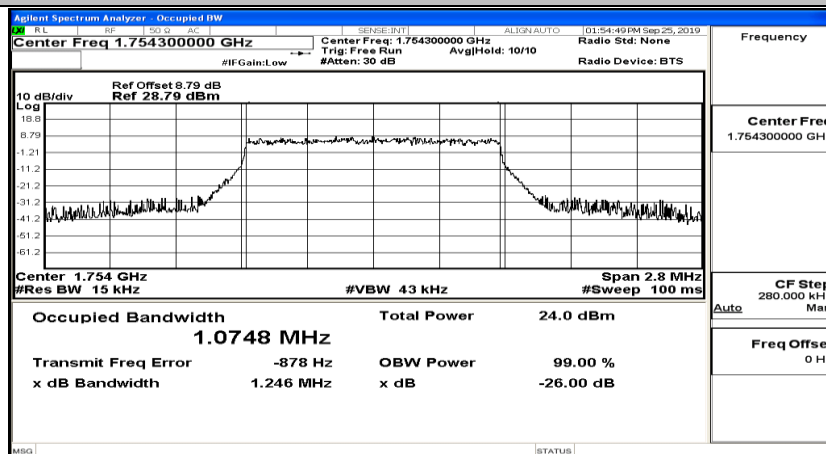
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



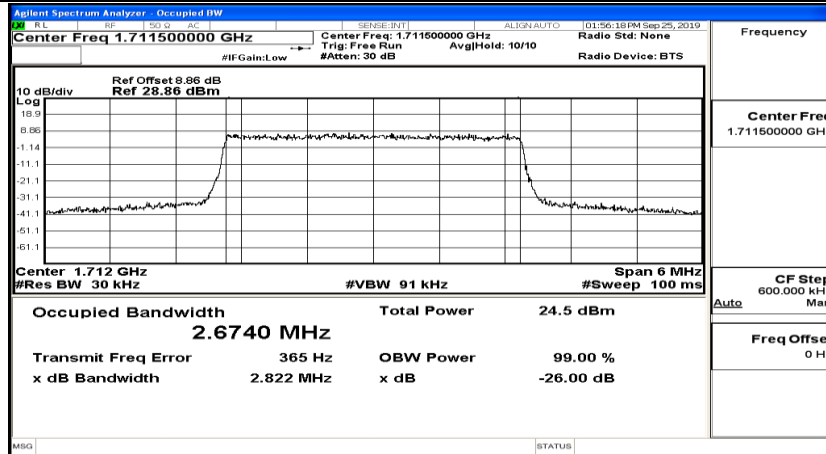
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



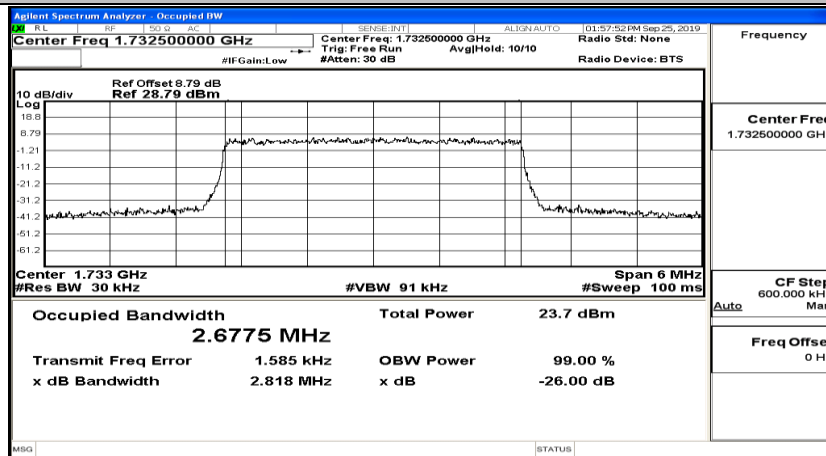
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



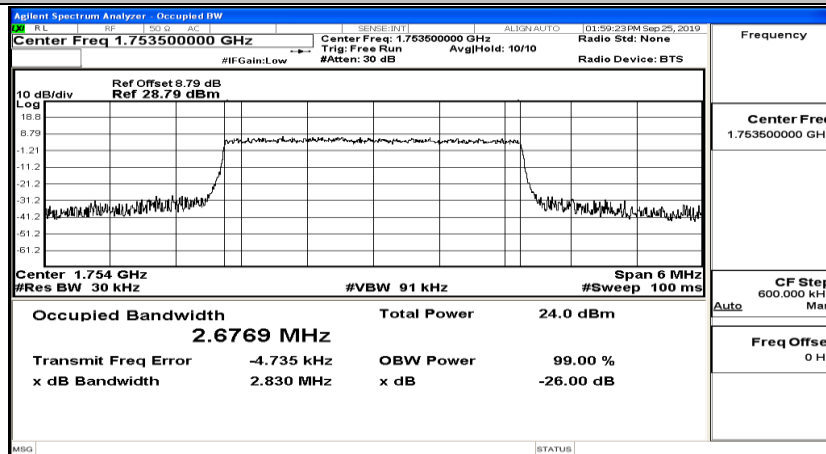
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



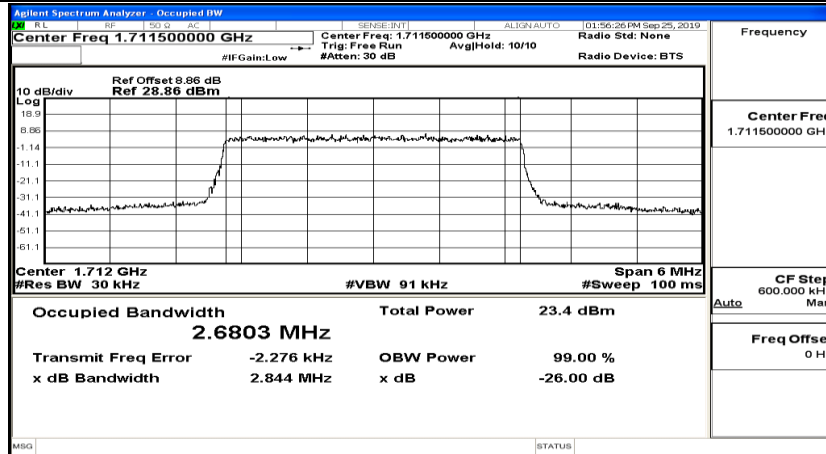
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



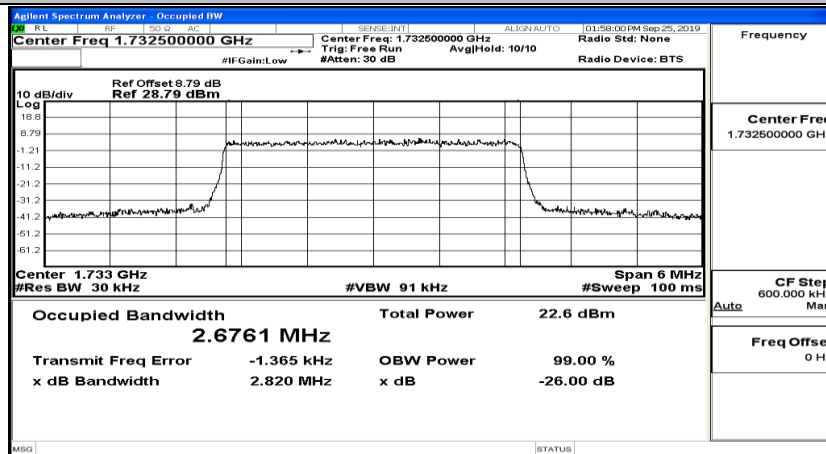
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



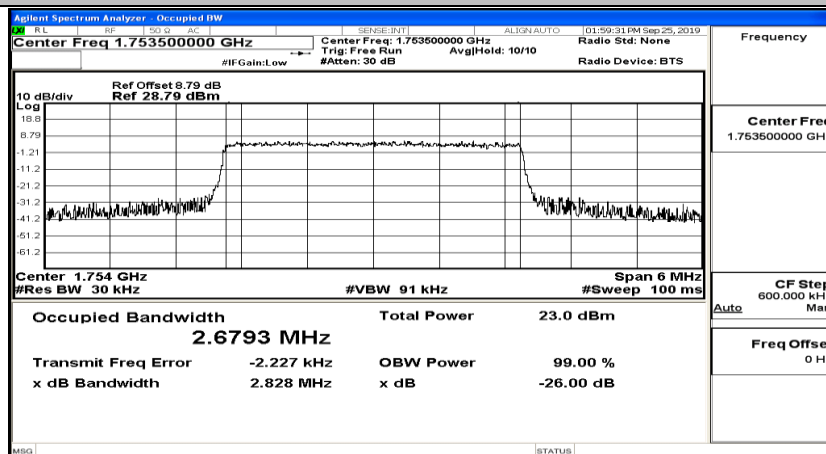
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



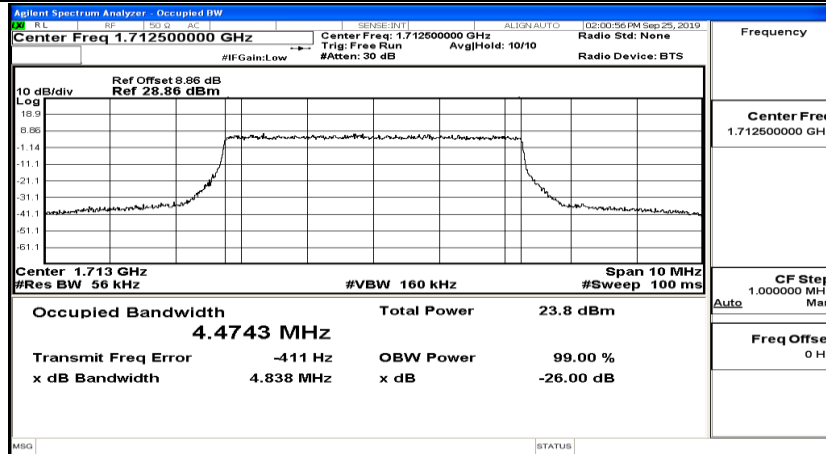
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



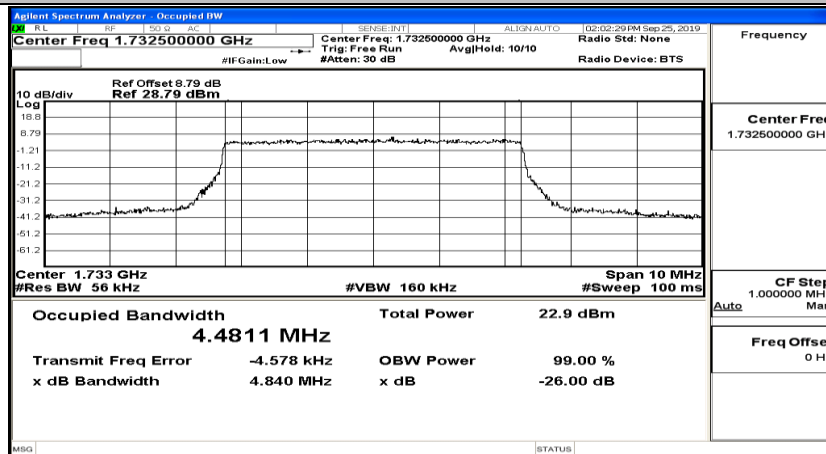
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



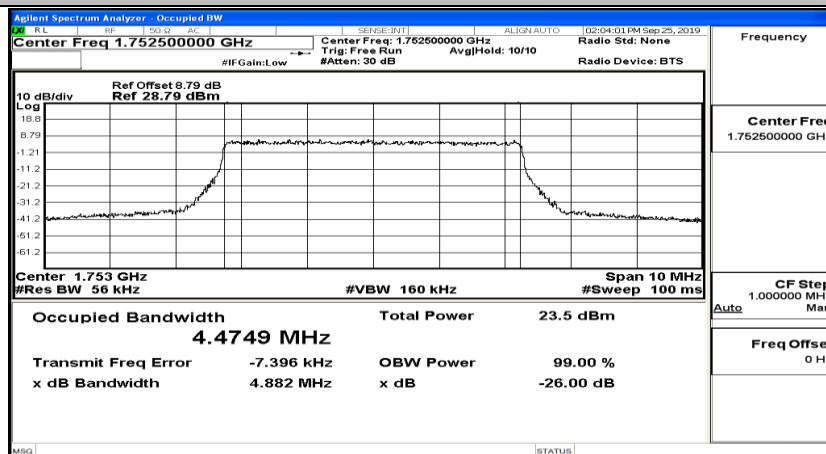
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



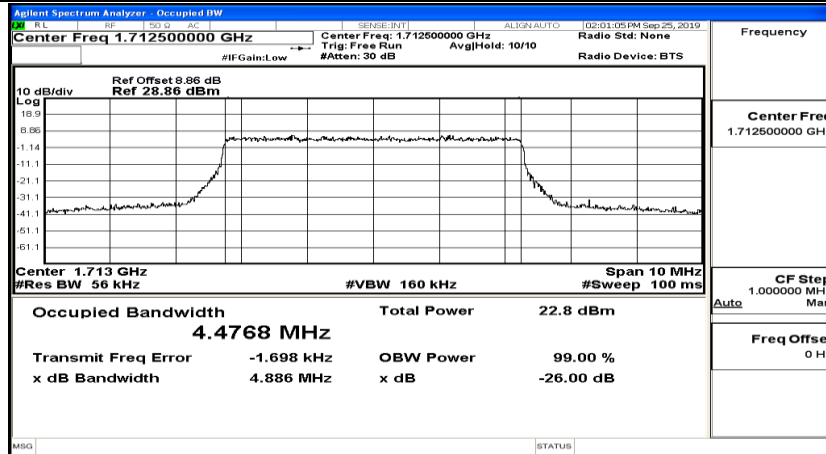
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



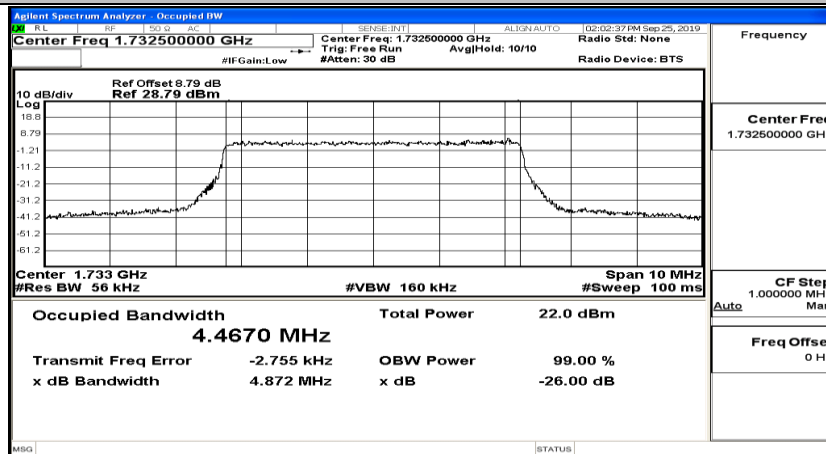
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



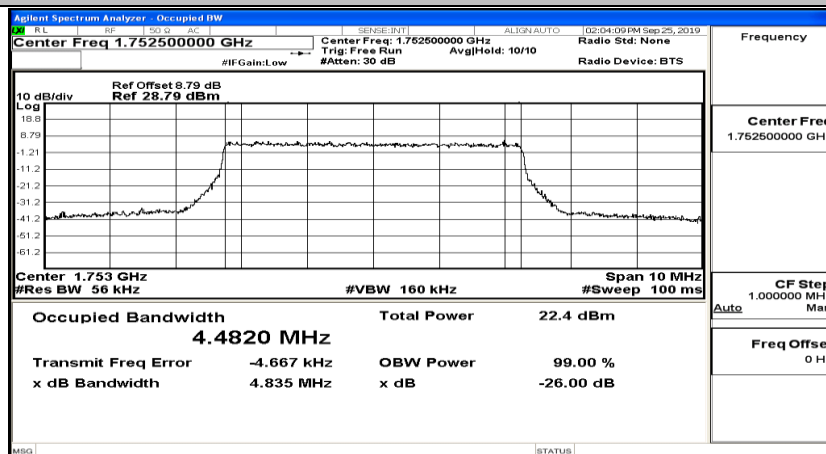
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



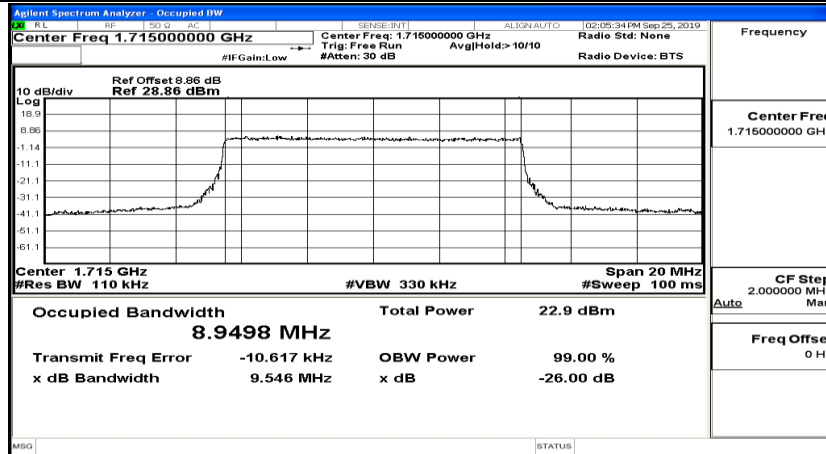
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



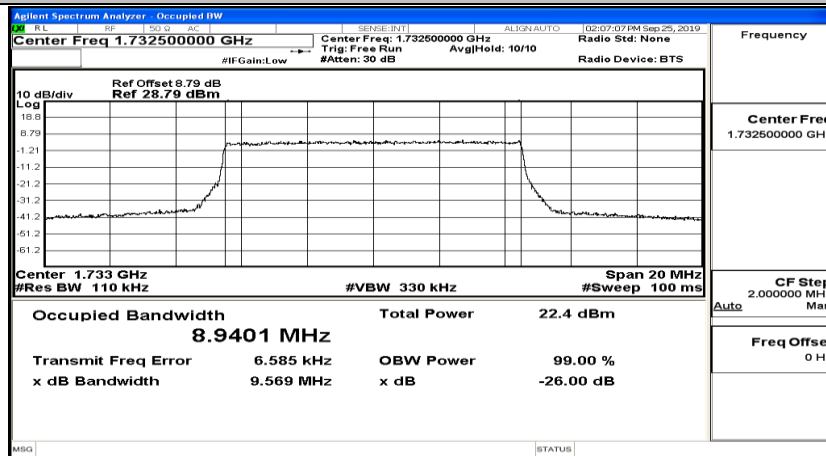
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



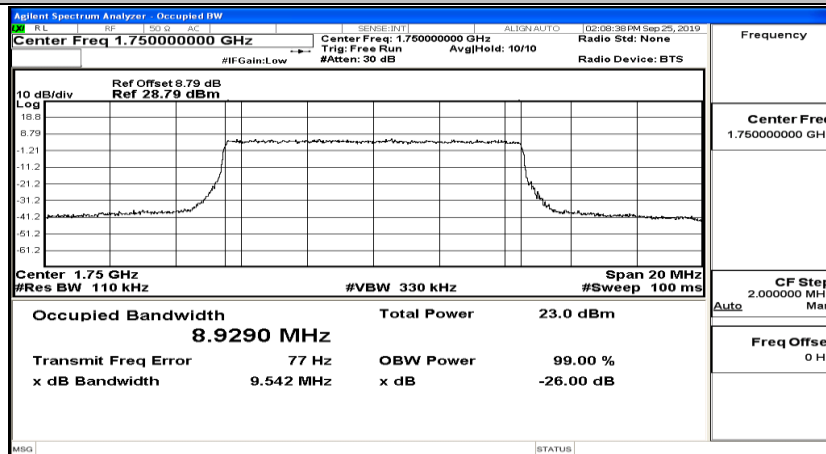
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



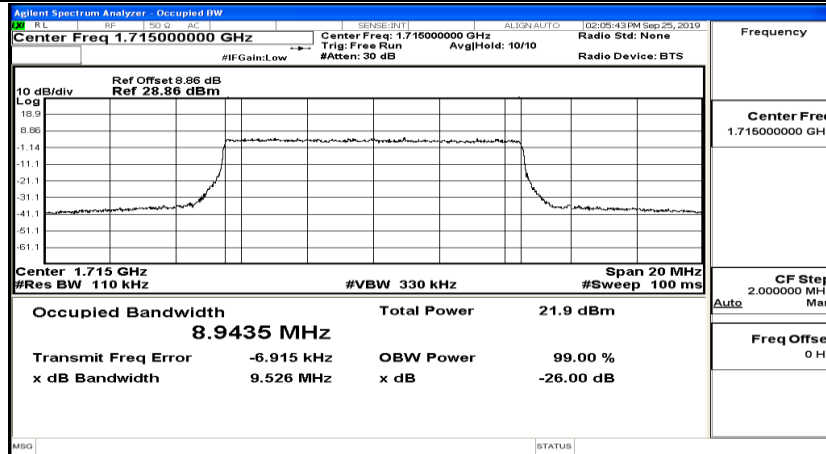
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



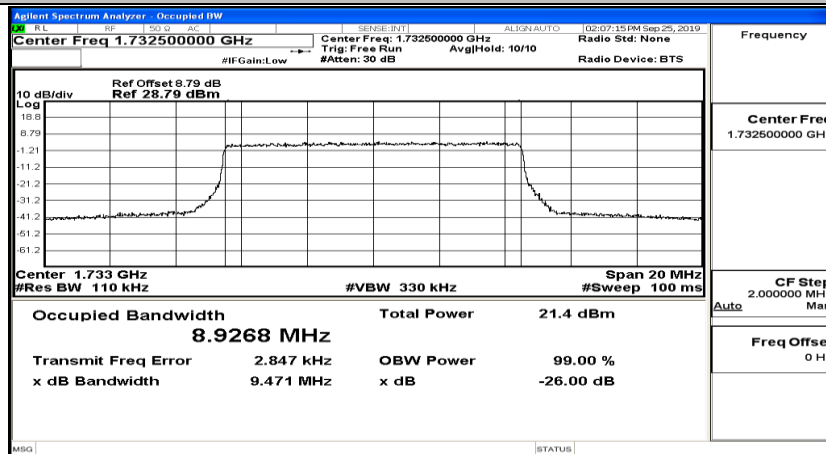
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



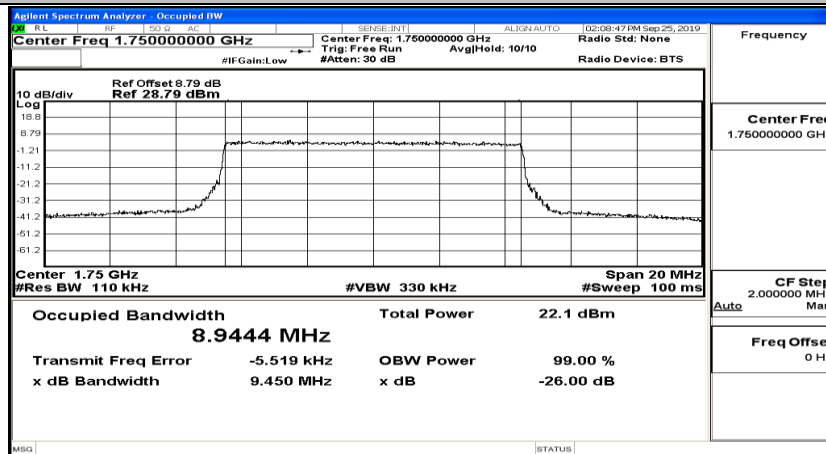
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



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

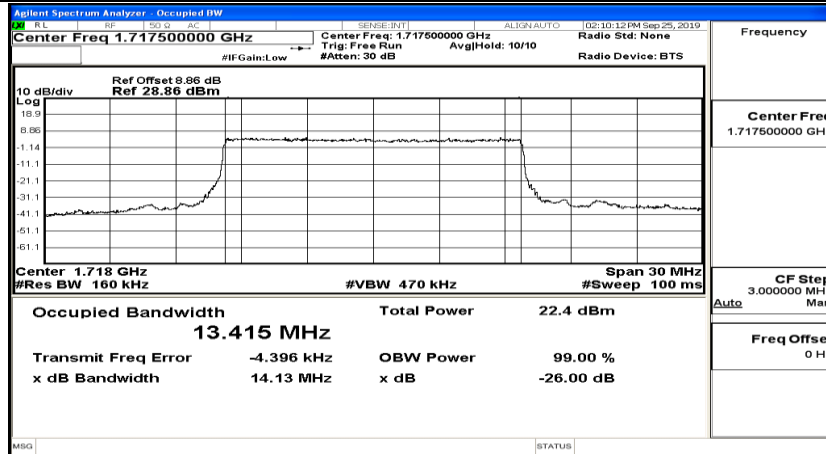


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

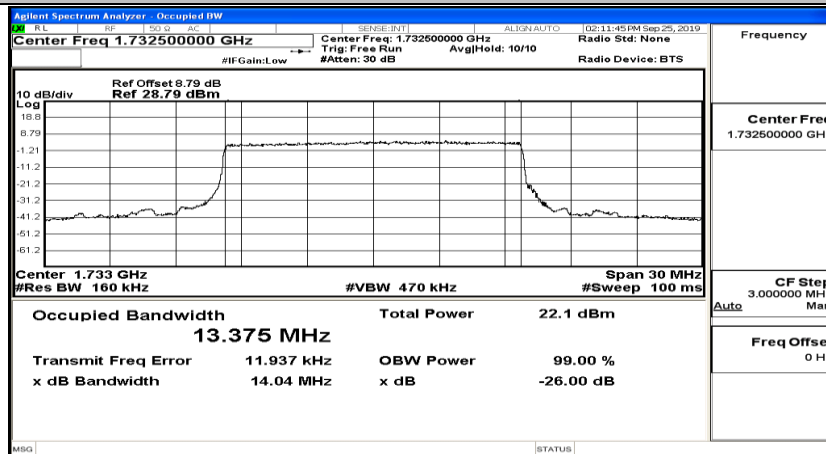




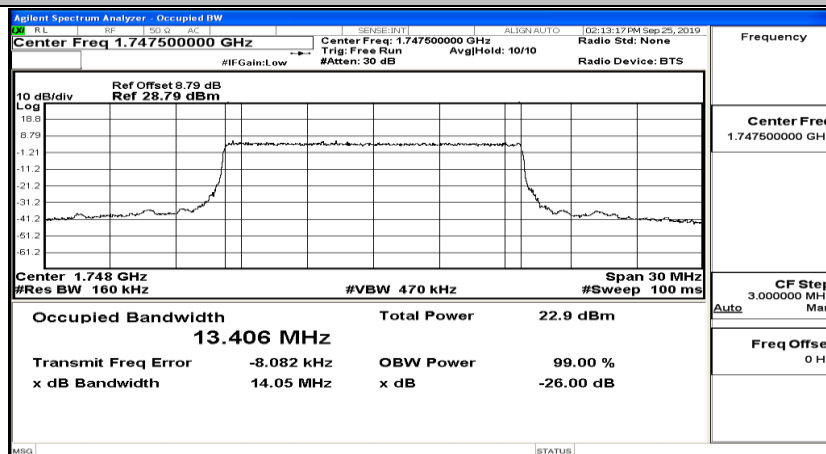
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



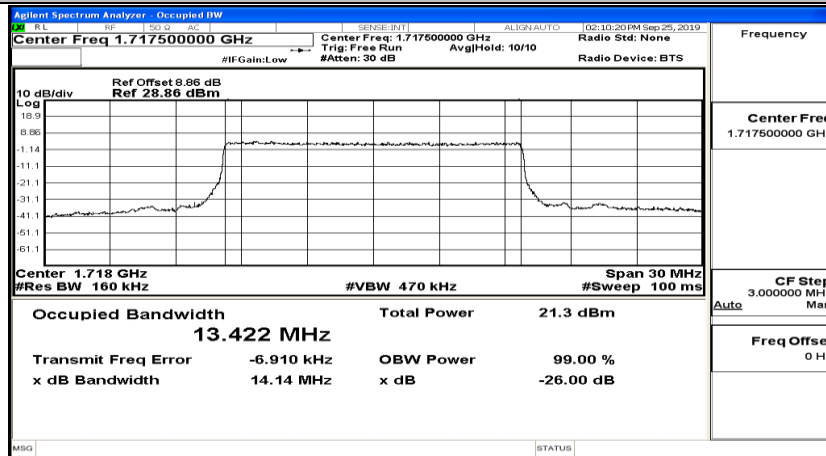
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



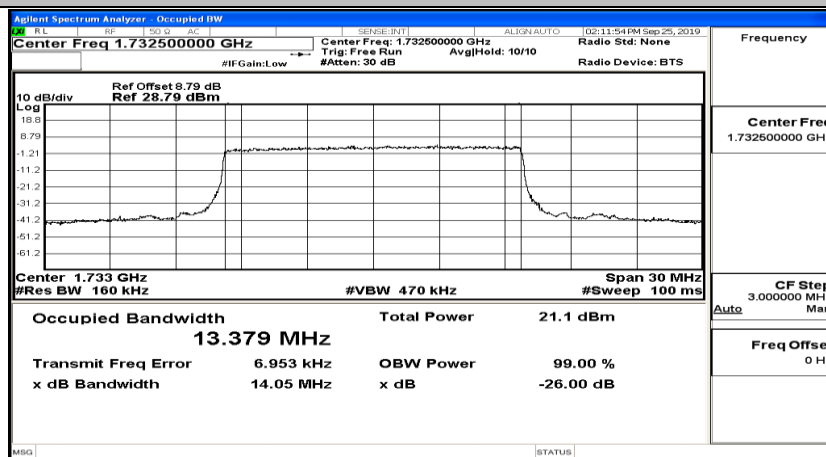
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



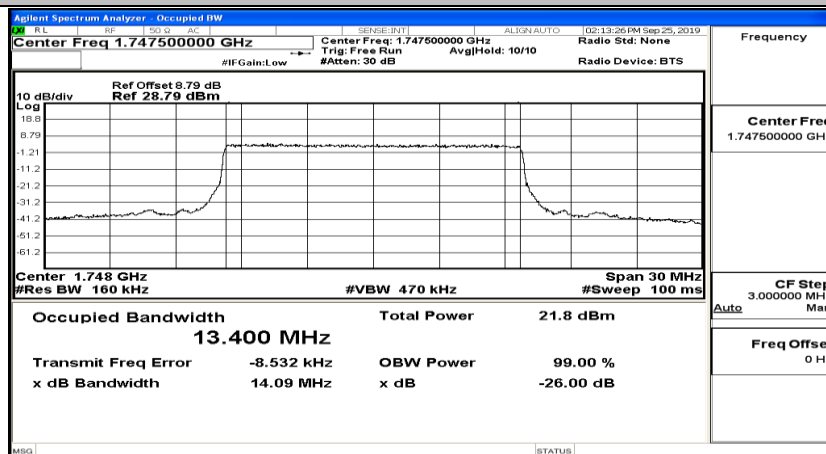
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



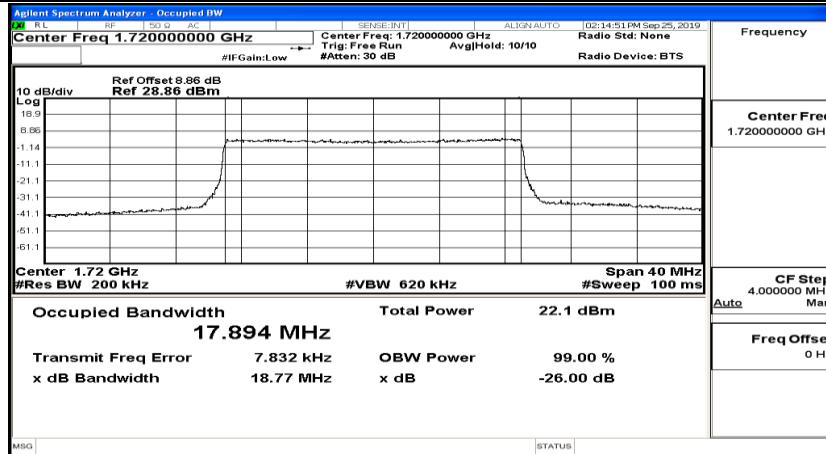
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



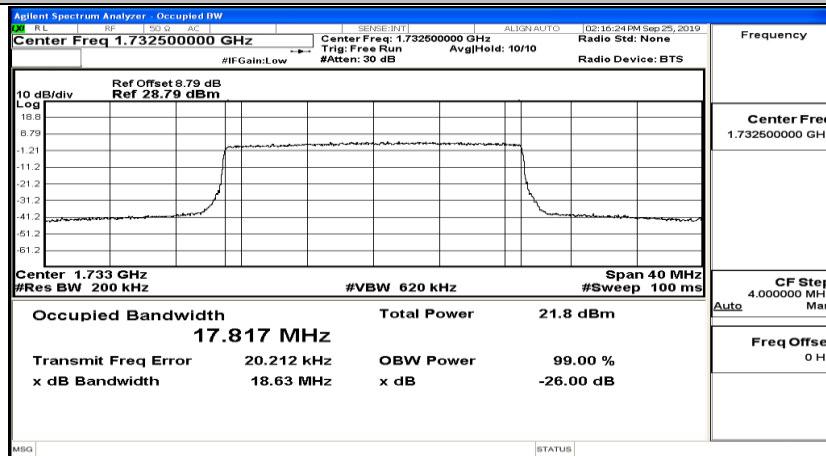
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



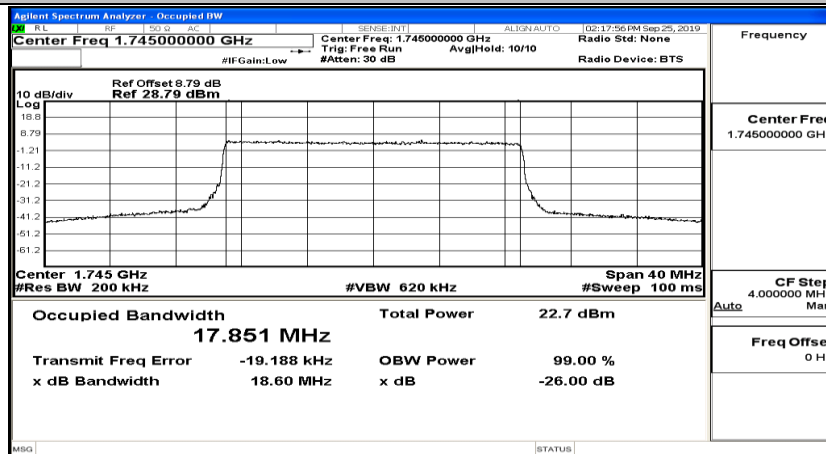
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



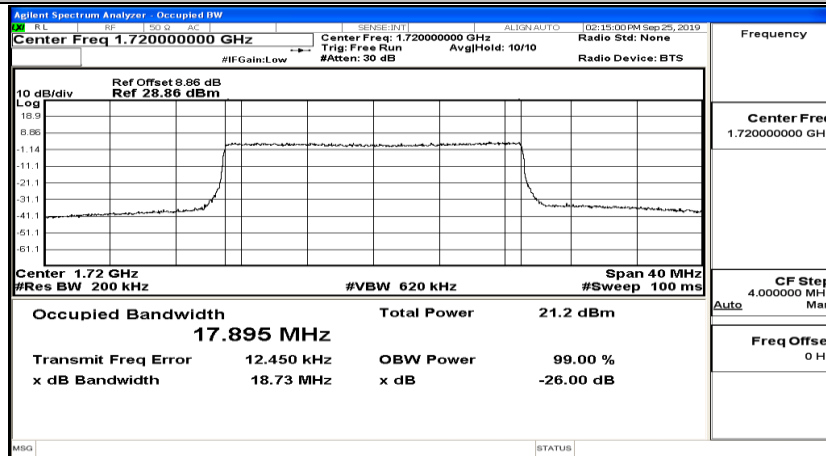
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



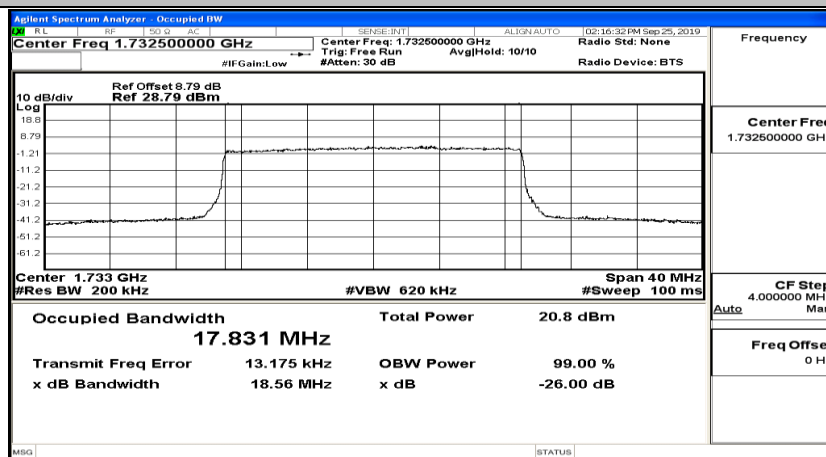
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



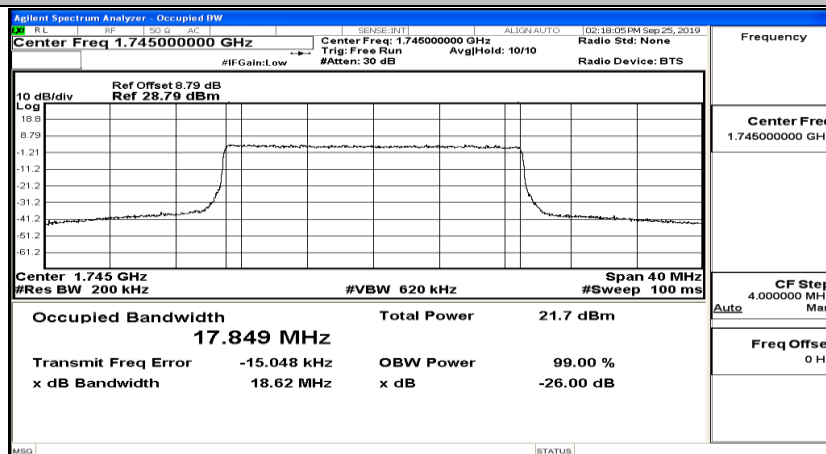
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



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

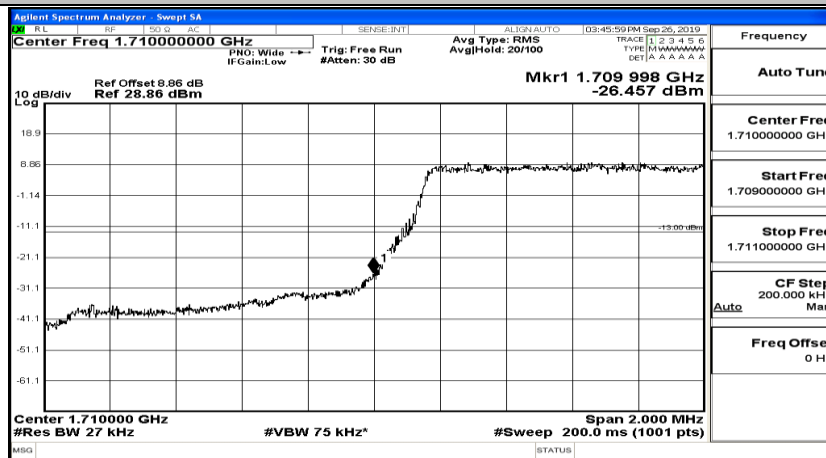


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM

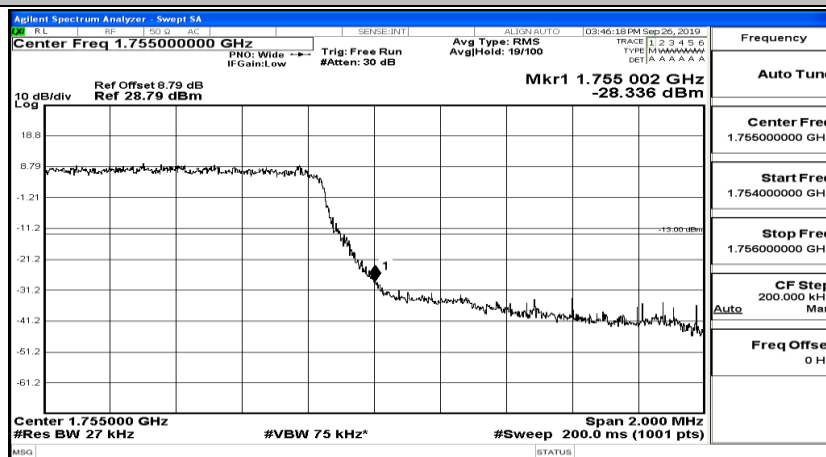


## E.4: Band Edge

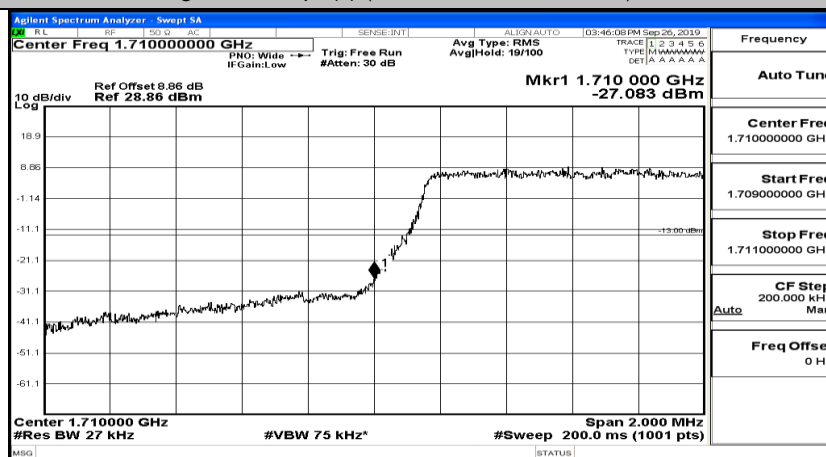
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



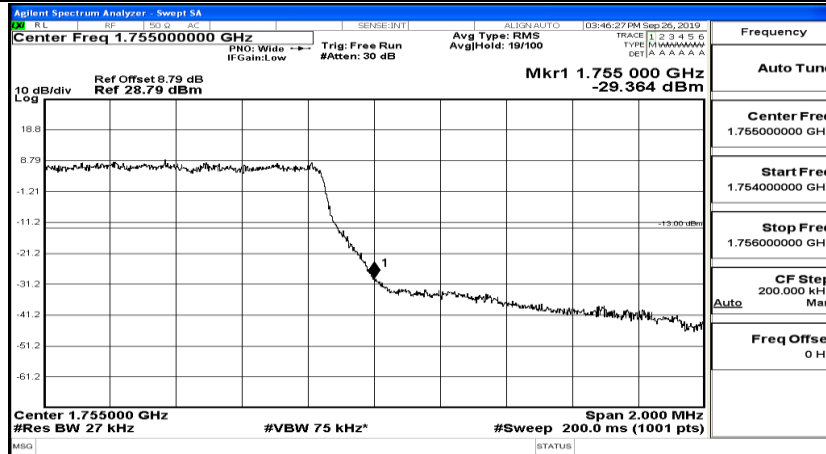
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



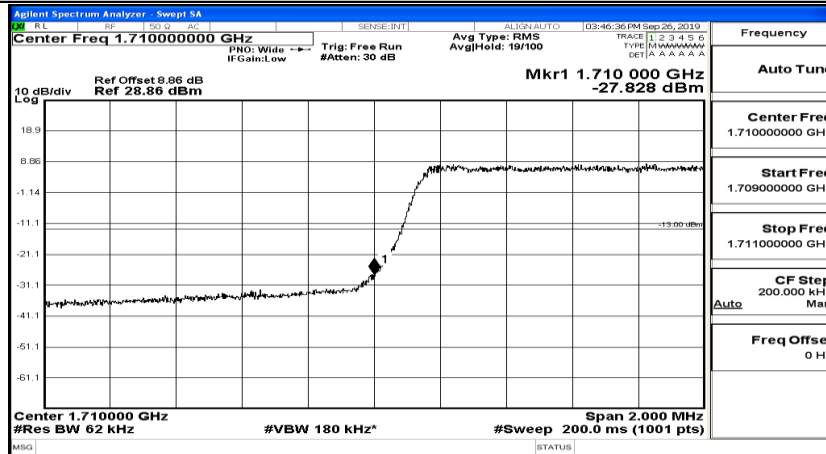
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



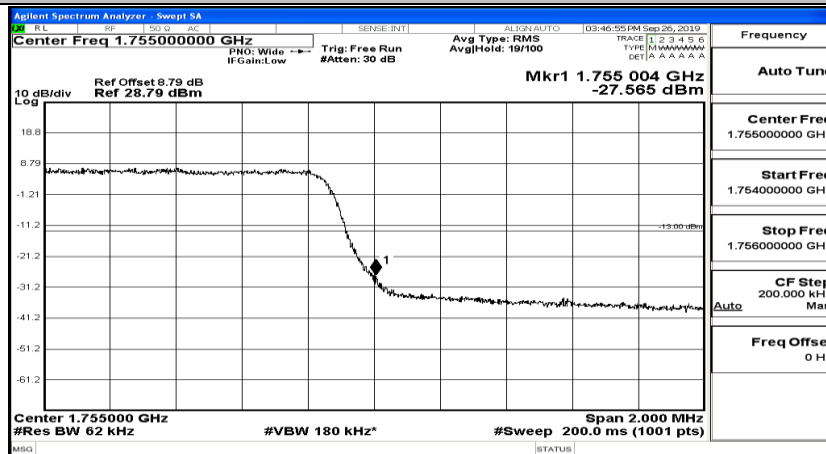
## Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



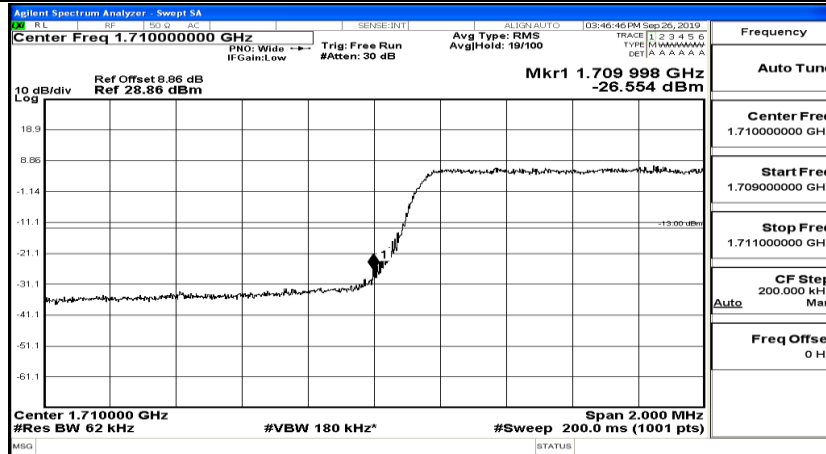
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



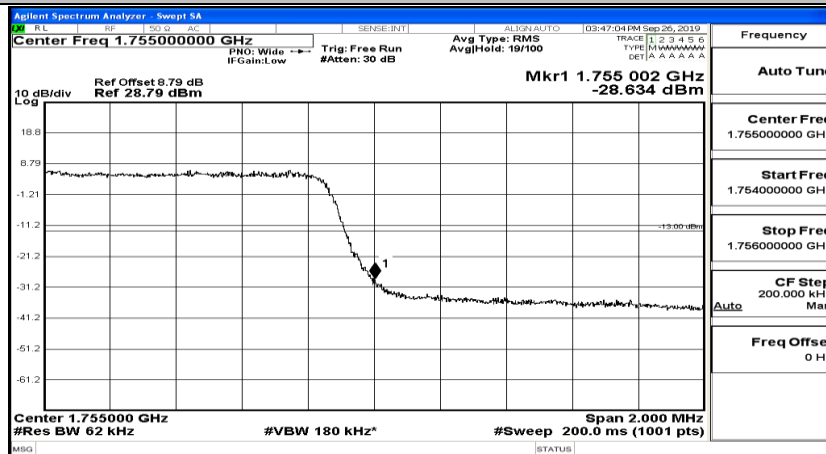
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



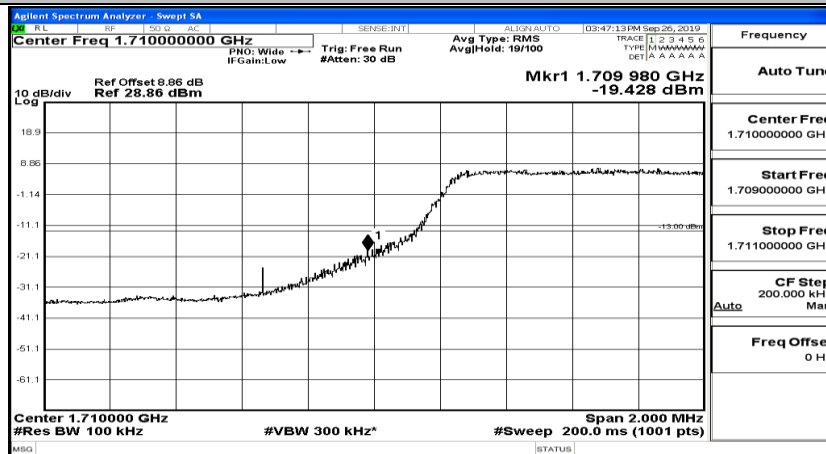
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



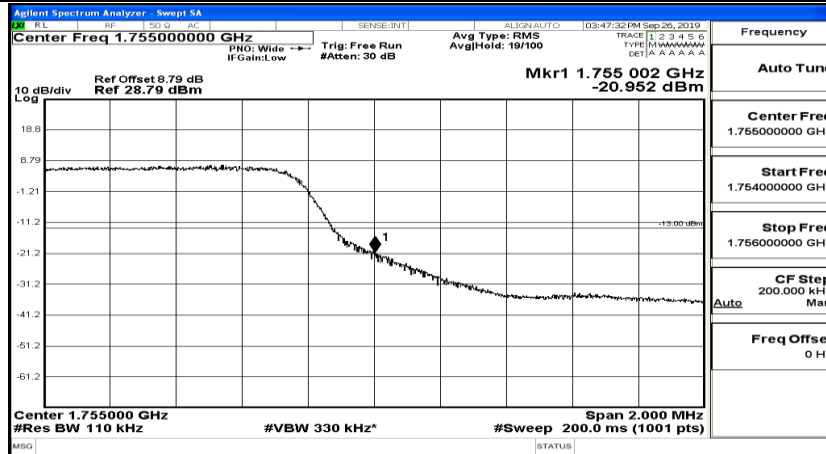
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



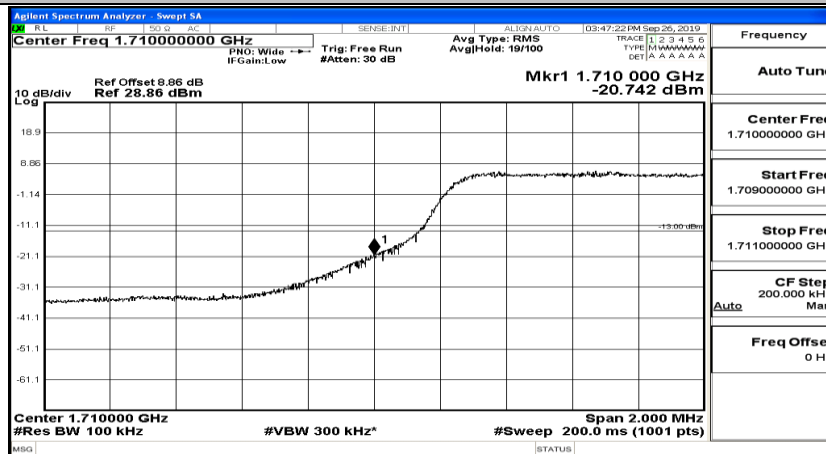
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



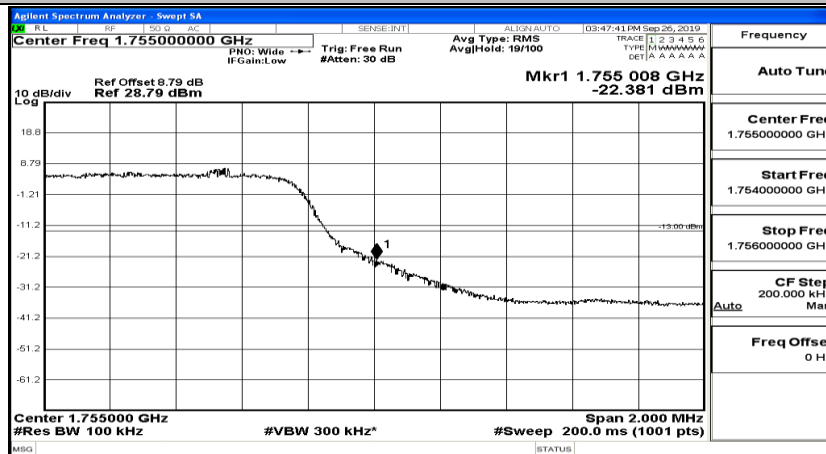
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



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

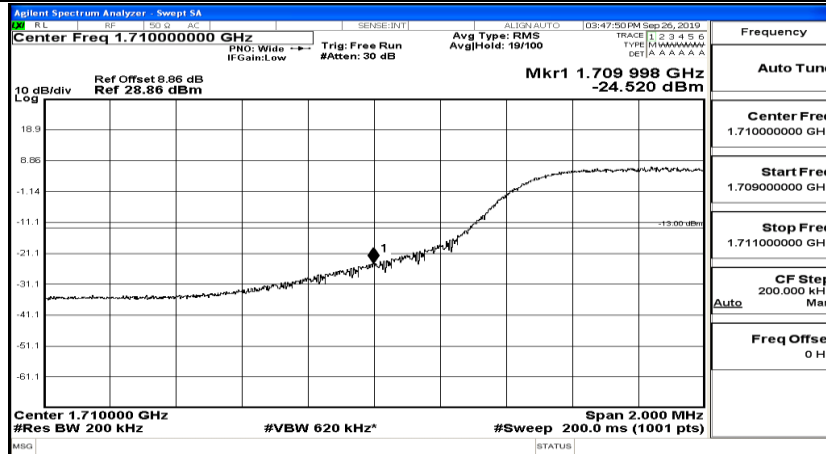


## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM

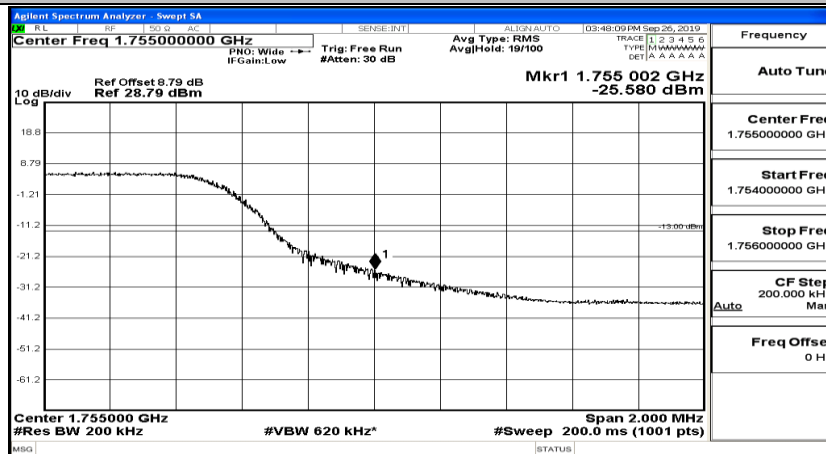




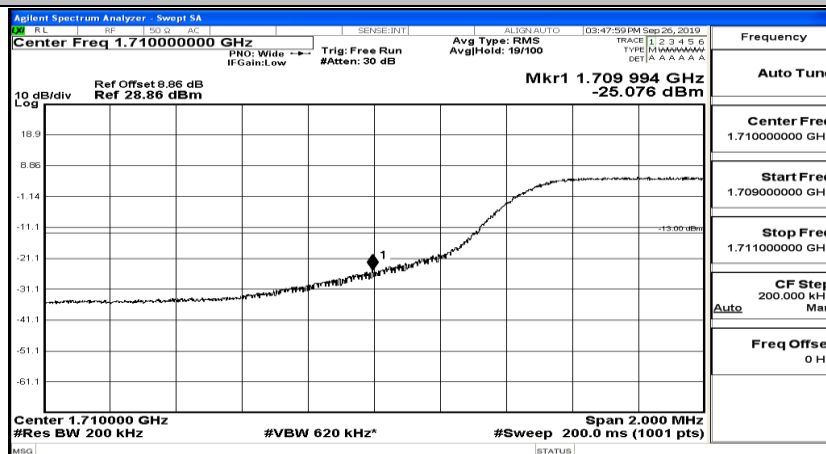
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



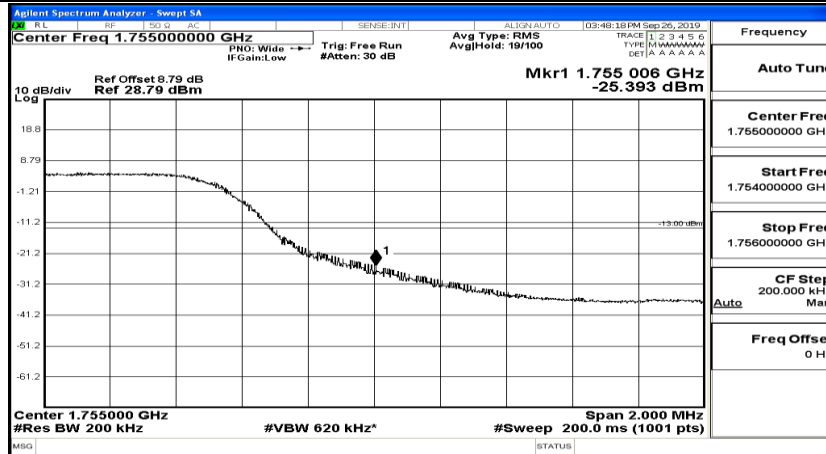
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



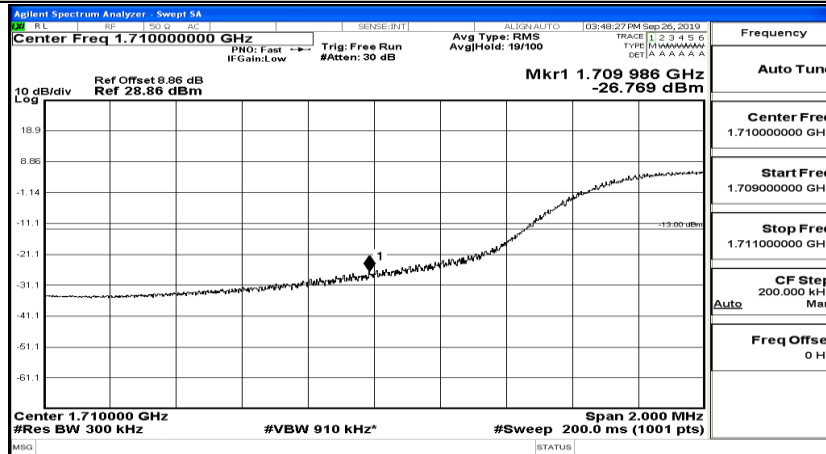
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



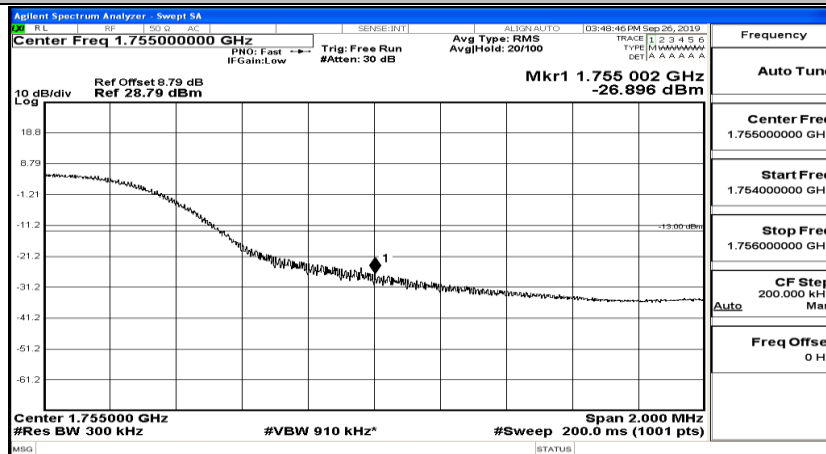
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



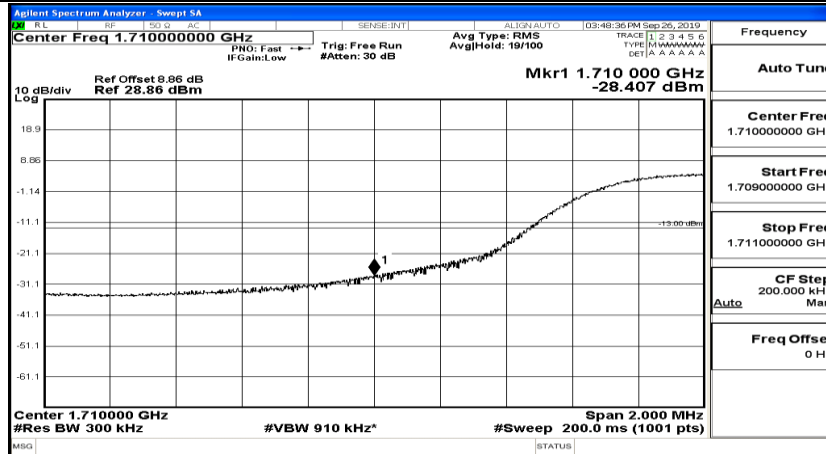
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



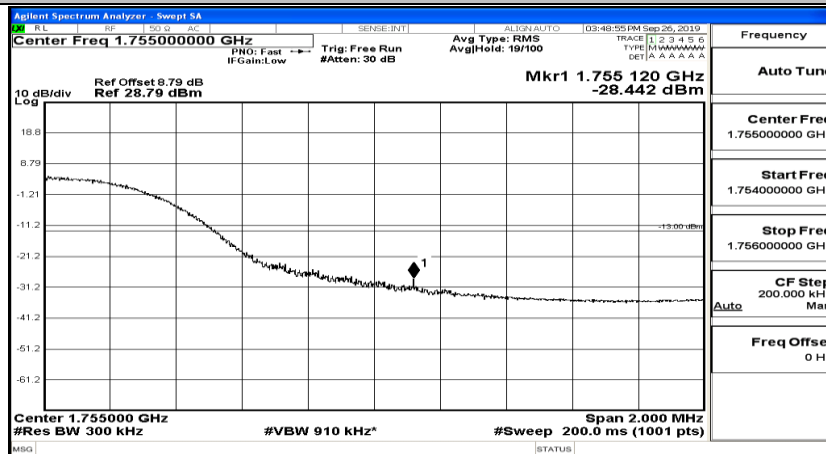
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



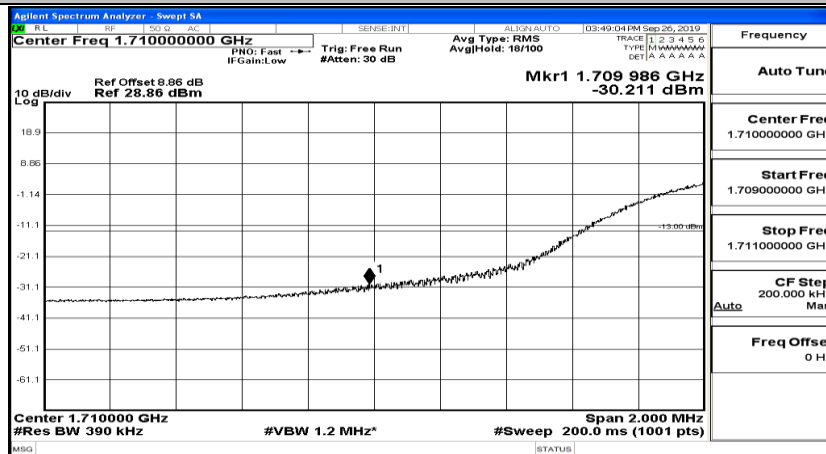
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



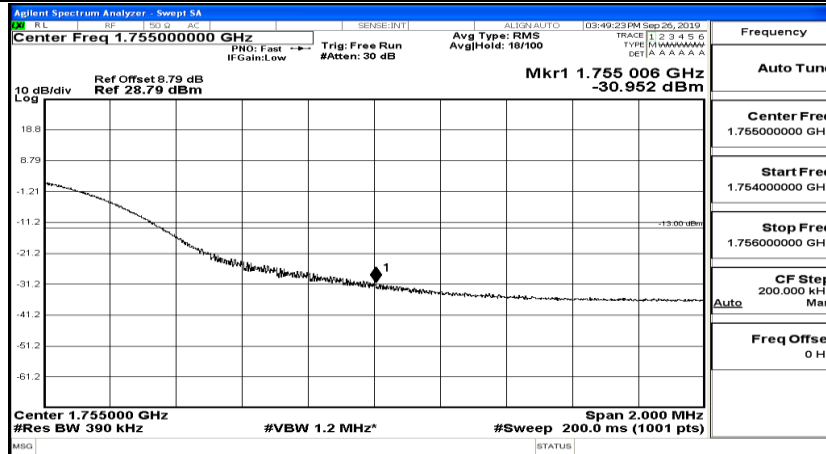
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



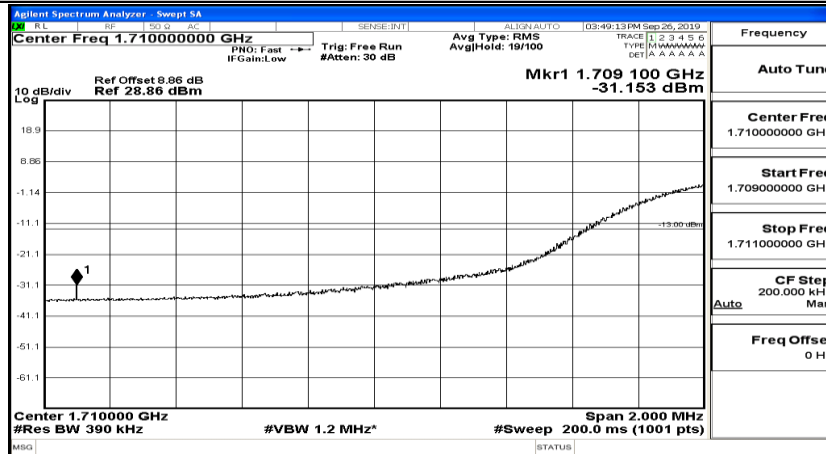
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



## 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

