

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

**Product Name: 5.5 inch 4G Smart Phone**

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

**Test Model: L55A**

**FCC ID: O55553719**

### Environmental Conditions

Temperature:	24.4 ° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Wang.Chuang

## Appendix 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	21.66	22.3	PASS
		1	3	21.76	22.4	PASS
		1	5	21.64	22.28	PASS
		3	0	21.72	22.36	PASS
		3	2	21.80	22.44	PASS
		3	3	21.77	22.41	PASS
		6	0	20.71	21.35	PASS
	MCH	1	0	21.34	21.98	PASS
		1	3	21.46	22.1	PASS
		1	5	21.40	22.04	PASS
		3	0	21.42	22.06	PASS
		3	2	21.42	22.06	PASS
		3	3	21.43	22.07	PASS
		6	0	20.41	21.05	PASS
	HCH	1	0	21.38	22.02	PASS
		1	3	21.53	22.17	PASS
		1	5	21.41	22.05	PASS

		3	0	21.46	22.1	PASS
		3	2	21.51	22.15	PASS
		3	3	21.47	22.11	PASS
		6	0	20.44	21.08	PASS
16QAM	LCH	1	0	20.97	21.61	PASS
		1	3	21.22	21.86	PASS
		1	5	20.93	21.57	PASS
		3	0	20.96	21.6	PASS
		3	2	20.94	21.58	PASS
		3	3	20.94	21.58	PASS
		6	0	19.68	20.32	PASS
	MCH	1	0	20.74	21.38	PASS
		1	3	20.90	21.54	PASS
		1	5	20.75	21.39	PASS
		3	0	20.47	21.11	PASS
		3	2	20.53	21.17	PASS
		3	3	20.45	21.09	PASS
		6	0	19.36	20	PASS
	HCH	1	0	20.70	21.34	PASS
		1	3	20.87	21.51	PASS
		1	5	20.68	21.32	PASS
		3	0	20.57	21.21	PASS
		3	2	20.62	21.26	PASS
		3	3	20.62	21.26	PASS
		6	0	19.55	20.19	PASS

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.70	22.34	PASS
		1	7	21.91	22.55	PASS
		1	14	21.70	22.34	PASS
		8	0	20.72	21.36	PASS
		8	4	20.76	21.4	PASS
		8	7	20.70	21.34	PASS
		15	0	20.64	21.28	PASS
	MCH	1	0	21.35	21.99	PASS
		1	7	21.60	22.24	PASS
		1	14	21.42	22.06	PASS
		8	0	20.40	21.04	PASS
		8	4	20.47	21.11	PASS

	HCH	8	7	20.41	21.05	PASS
		15	0	20.39	21.03	PASS
		1	0	21.40	22.04	PASS
		1	7	21.62	22.26	PASS
		1	14	21.54	22.18	PASS
		8	0	20.43	21.07	PASS
		8	4	20.50	21.14	PASS
		8	7	20.46	21.1	PASS
16QAM	LCH	15	0	20.41	21.05	PASS
		1	0	21.05	21.69	PASS
		1	7	21.18	21.82	PASS
		1	14	20.95	21.59	PASS
		8	0	19.78	20.42	PASS
		8	4	19.86	20.5	PASS
		8	7	19.76	20.4	PASS
	MCH	15	0	19.69	20.33	PASS
		1	0	20.69	21.33	PASS
		1	7	20.86	21.5	PASS
		1	14	20.71	21.35	PASS
		8	0	19.46	20.1	PASS
		8	4	19.52	20.16	PASS
		8	7	19.47	20.11	PASS
	HCH	15	0	19.34	19.98	PASS
		1	0	20.86	21.5	PASS
		1	7	21.08	21.72	PASS
		1	14	20.91	21.55	PASS
		8	0	19.47	20.11	PASS
		8	4	19.47	20.11	PASS
		8	7	19.44	20.08	PASS
		15	0	19.42	20.06	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	21.59	22.23	PASS
		1	12	21.91	22.55	PASS
		1	24	21.49	22.13	PASS
		12	0	20.62	21.26	PASS
		12	6	20.71	21.35	PASS
		12	13	20.64	21.28	PASS
		25	0	20.68	21.32	PASS
	MCH	1	0	21.20	21.84	PASS

		1	12	21.58	22.22	PASS
		1	24	21.28	21.92	PASS
		12	0	20.33	20.97	PASS
		12	6	20.42	21.06	PASS
		12	13	20.33	20.97	PASS
		25	0	20.39	21.03	PASS
	HCH	1	0	21.28	21.92	PASS
		1	12	21.54	22.18	PASS
		1	24	21.37	22.01	PASS
		12	0	20.38	21.02	PASS
		12	6	20.50	21.14	PASS
		12	13	20.44	21.08	PASS
		25	0	20.48	21.12	PASS
16QAM	LCH	1	0	21.00	21.64	PASS
		1	12	21.35	21.99	PASS
		1	24	20.93	21.57	PASS
		12	0	19.88	20.52	PASS
		12	6	19.90	20.54	PASS
		12	13	19.78	20.42	PASS
		25	0	19.70	20.34	PASS
	MCH	1	0	20.67	21.31	PASS
		1	12	21.02	21.66	PASS
		1	24	20.72	21.36	PASS
		12	0	19.48	20.12	PASS
		12	6	19.56	20.2	PASS
		12	13	19.55	20.19	PASS
		25	0	19.40	20.04	PASS
	HCH	1	0	20.76	21.4	PASS
		1	12	21.08	21.72	PASS
		1	24	20.79	21.43	PASS
		12	0	19.64	20.28	PASS
		12	6	19.65	20.29	PASS
		12	13	19.65	20.29	PASS
		25	0	19.49	20.13	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	21.62	22.26	PASS
		1	24	21.77	22.41	PASS
		1	49	21.30	21.94	PASS
		25	0	20.75	21.39	PASS
		25	12	20.62	21.26	PASS
		25	25	20.58	21.22	PASS
		50	0	20.63	21.27	PASS
	MCH	1	0	21.17	21.81	PASS
		1	24	21.57	22.21	PASS
		1	49	21.39	22.03	PASS
		25	0	20.38	21.02	PASS
		25	12	20.44	21.08	PASS
		25	25	20.49	21.13	PASS
		50	0	20.42	21.06	PASS
16QAM	LCH	1	0	21.31	21.95	PASS
		1	24	21.53	22.17	PASS
		1	49	21.41	22.05	PASS
		25	0	20.48	21.12	PASS
		25	12	20.42	21.06	PASS
		25	25	20.45	21.09	PASS
		50	0	20.45	21.09	PASS
	MCH	1	0	21.01	21.65	PASS
		1	24	21.11	21.75	PASS
		1	49	20.68	21.32	PASS
		25	0	19.77	20.41	PASS
		25	12	19.65	20.29	PASS
		25	25	19.59	20.23	PASS
		50	0	19.65	20.29	PASS
	HCH	1	0	20.57	21.21	PASS
		1	24	20.89	21.53	PASS
		1	49	20.71	21.35	PASS
		25	0	19.35	19.99	PASS
		25	12	19.46	20.1	PASS
		25	25	19.51	20.15	PASS
		50	0	19.44	20.08	PASS

		25	0	19.50	20.14	PASS
		25	12	19.46	20.1	PASS
		25	25	19.51	20.15	PASS
		50	0	19.52	20.16	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	21.61	22.25	PASS
		1	37	21.68	22.32	PASS
		1	74	21.19	21.83	PASS
		37	0	20.61	21.25	PASS
		37	18	20.56	21.2	PASS
		37	38	20.44	21.08	PASS
		75	0	20.55	21.19	PASS
	MCH	1	0	21.11	21.75	PASS
		1	37	21.55	22.19	PASS
		1	74	21.32	21.96	PASS
		37	0	20.28	20.92	PASS
		37	18	20.47	21.11	PASS
		37	38	20.50	21.14	PASS
		75	0	20.38	21.02	PASS
	HCH	1	0	21.31	21.95	PASS
		1	37	21.53	22.17	PASS
		1	74	21.35	21.99	PASS
		37	0	20.40	21.04	PASS
		37	18	20.43	21.07	PASS
		37	38	20.34	20.98	PASS
		75	0	20.45	21.09	PASS
16QAM	LCH	1	0	20.99	21.63	PASS
		1	37	21.00	21.64	PASS
		1	74	20.51	21.15	PASS
		37	0	19.67	20.31	PASS
		37	18	19.59	20.23	PASS
		37	38	19.47	20.11	PASS
		75	0	19.57	20.21	PASS
	MCH	1	0	20.46	21.1	PASS
		1	37	20.87	21.51	PASS
		1	74	20.67	21.31	PASS
		37	0	19.29	19.93	PASS
		37	18	19.46	20.1	PASS
		37	38	19.48	20.12	PASS

		75	0	19.41	20.05	PASS
HCH	HCH	1	0	20.64	21.28	PASS
		1	37	20.89	21.53	PASS
		1	74	20.73	21.37	PASS
		37	0	19.46	20.1	PASS
		37	18	19.45	20.09	PASS
		37	38	19.41	20.05	PASS
		75	0	19.41	20.05	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	21.66	22.3	PASS
		1	49	21.66	22.3	PASS
		1	99	21.33	21.97	PASS
		50	0	20.58	21.22	PASS
		50	25	20.49	21.13	PASS
		50	50	20.56	21.2	PASS
		100	0	20.52	21.16	PASS
	MCH	1	0	21.12	21.76	PASS
		1	49	21.71	22.35	PASS
		1	99	21.31	21.95	PASS
		50	0	20.17	20.81	PASS
		50	25	20.45	21.09	PASS
		50	50	20.47	21.11	PASS
		100	0	20.30	20.94	PASS
	HCH	1	0	21.38	22.02	PASS
		1	49	21.59	22.23	PASS
		1	99	21.36	22	PASS
		50	0	20.49	21.13	PASS
		50	25	20.48	21.12	PASS
		50	50	20.28	20.92	PASS
		100	0	20.44	21.08	PASS
16QAM	LCH	1	0	20.94	21.58	PASS
		1	49	20.83	21.47	PASS
		1	99	20.58	21.22	PASS
		50	0	19.54	20.18	PASS
		50	25	19.48	20.12	PASS
		50	50	19.48	20.12	PASS
		100	0	19.55	20.19	PASS
	MCH	1	0	20.36	21	PASS
		1	49	20.89	21.53	PASS

	HCH	1	99	20.54	21.18	PASS
		50	0	19.18	19.82	PASS
		50	25	19.45	20.09	PASS
		50	50	19.37	20.01	PASS
		100	0	19.26	19.9	PASS
		1	0	20.83	21.47	PASS
		1	49	21.00	21.64	PASS
		1	99	20.78	21.42	PASS
		50	0	19.51	20.15	PASS
		50	25	19.51	20.15	PASS
		50	50	19.33	19.97	PASS
		100	0	19.38	20.02	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	5.82	<13	PASS
	MCH	5.52	<13	PASS
	HCH	5.66	<13	PASS
16QAM	LCH	6.81	<13	PASS
	MCH	6.49	<13	PASS
	HCH	6.67	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.75	<13	PASS
	MCH	5.59	<13	PASS
	HCH	5.75	<13	PASS
16QAM	LCH	6.69	<13	PASS
	MCH	6.53	<13	PASS
	HCH	6.61	<13	PASS

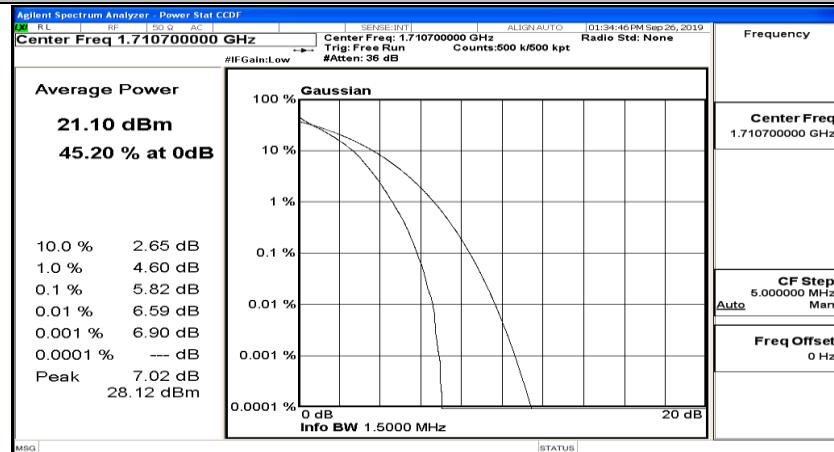
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.81	<13	PASS
	MCH	5.64	<13	PASS
	HCH	5.85	<13	PASS
16QAM	LCH	6.66	<13	PASS
	MCH	6.47	<13	PASS
	HCH	6.58	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.83	<13	PASS
	MCH	5.6	<13	PASS
	HCH	5.81	<13	PASS
16QAM	LCH	6.56	<13	PASS
	MCH	6.35	<13	PASS
	HCH	6.51	<13	PASS

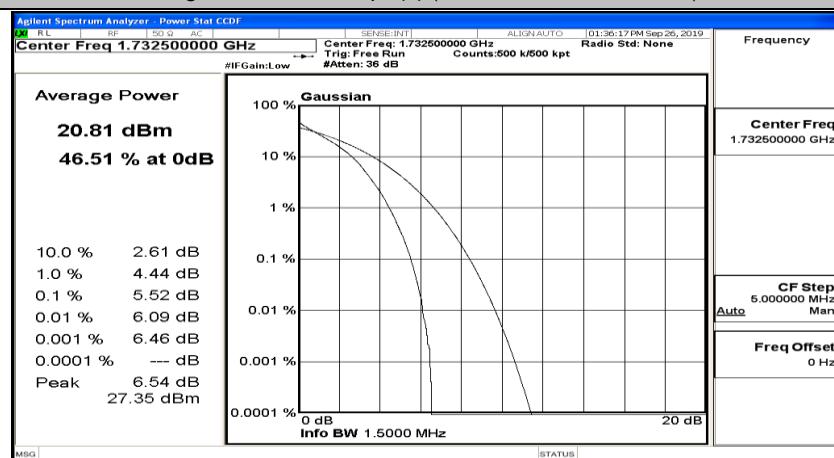
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.03	<13	PASS
	MCH	4.98	<13	PASS
	HCH	5	<13	PASS
16QAM	LCH	6.37	<13	PASS
	MCH	6.31	<13	PASS
	HCH	6.31	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.72	<13	PASS
	MCH	5.66	<13	PASS
	HCH	5.73	<13	PASS
16QAM	LCH	6.87	<13	PASS
	MCH	6.82	<13	PASS
	HCH	6.71	<13	PASS

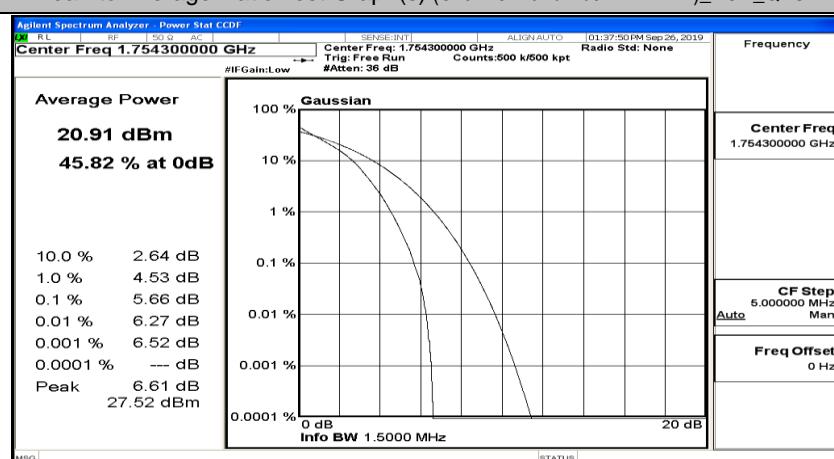
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



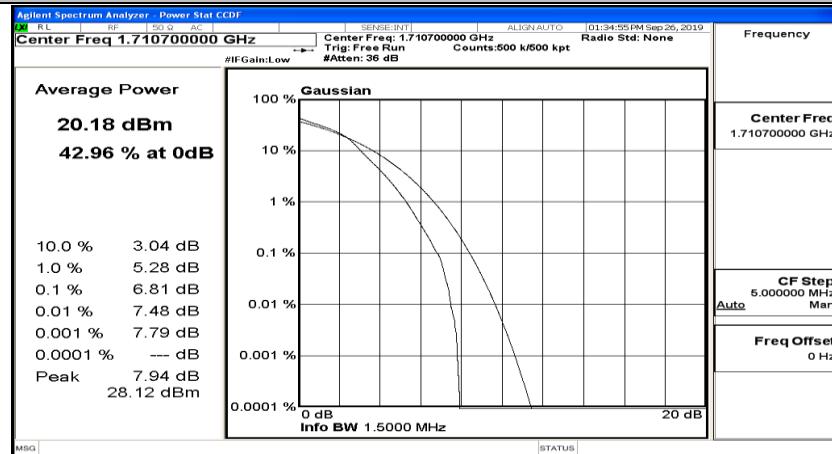
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



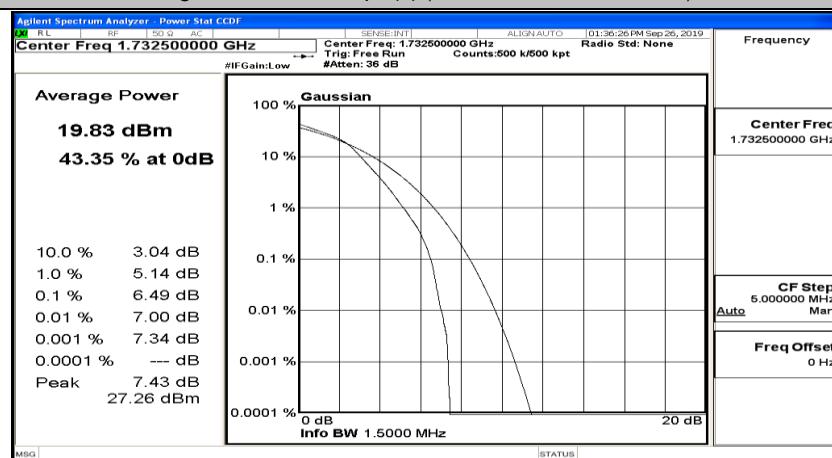
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



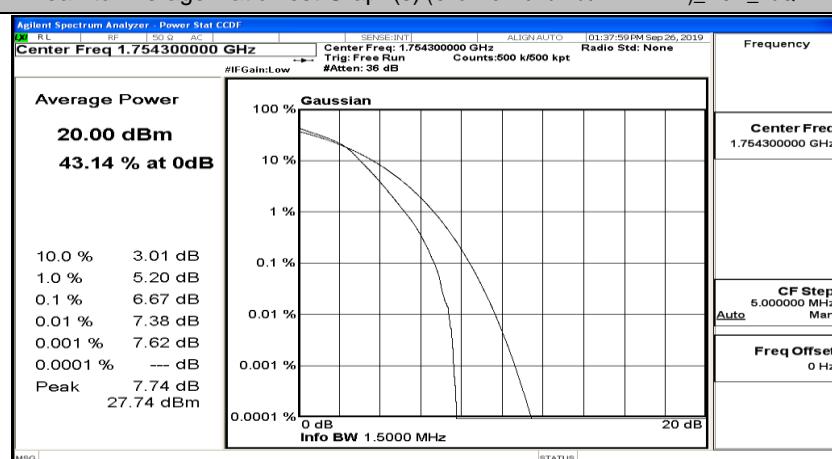
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



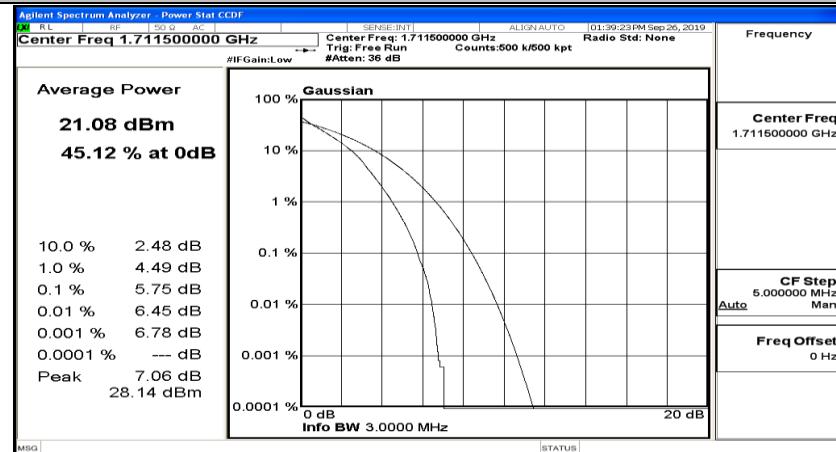
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



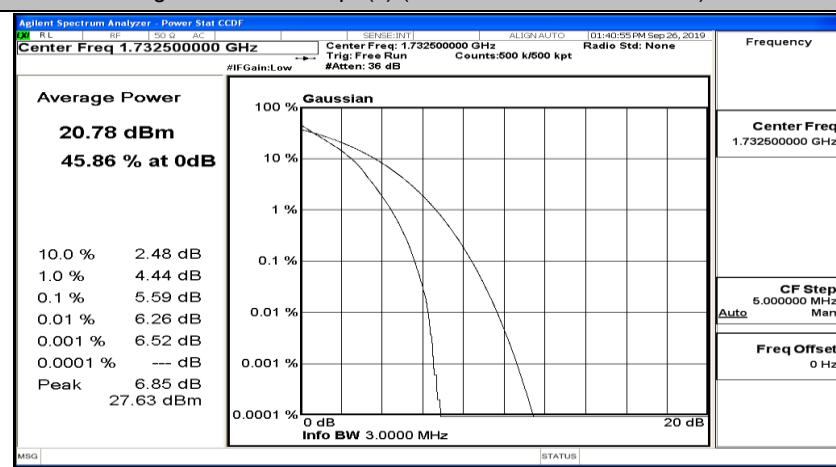
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



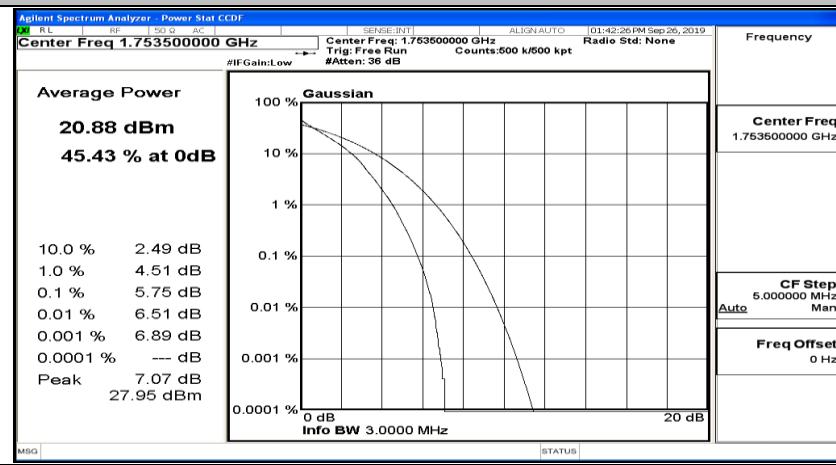
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



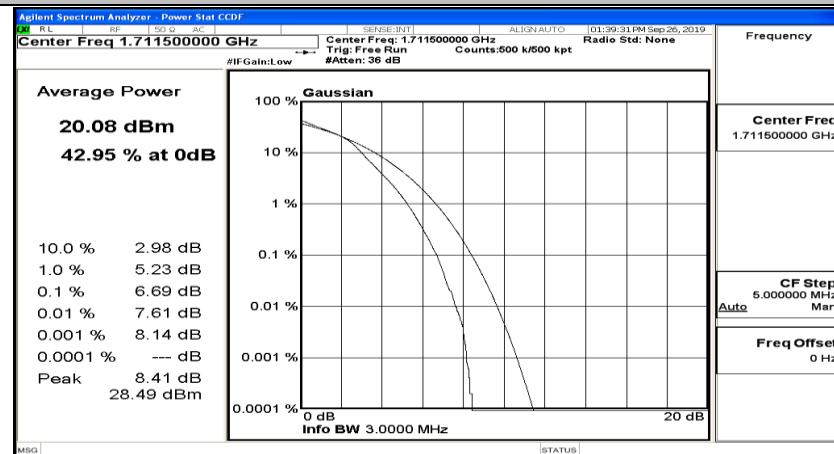
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



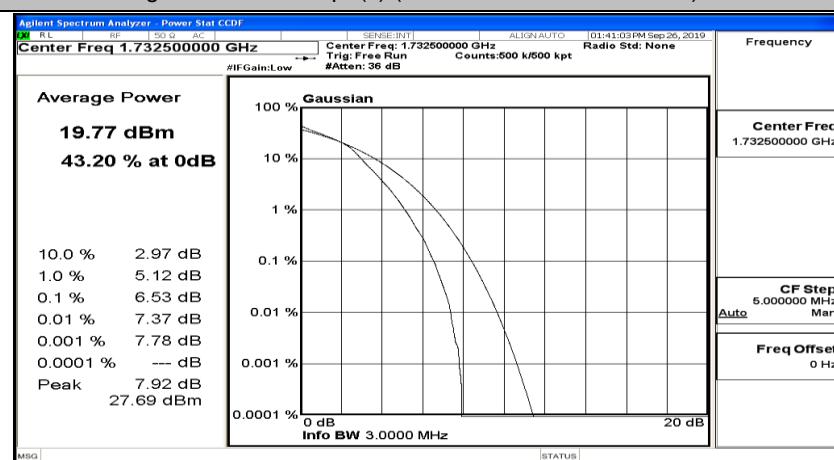
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



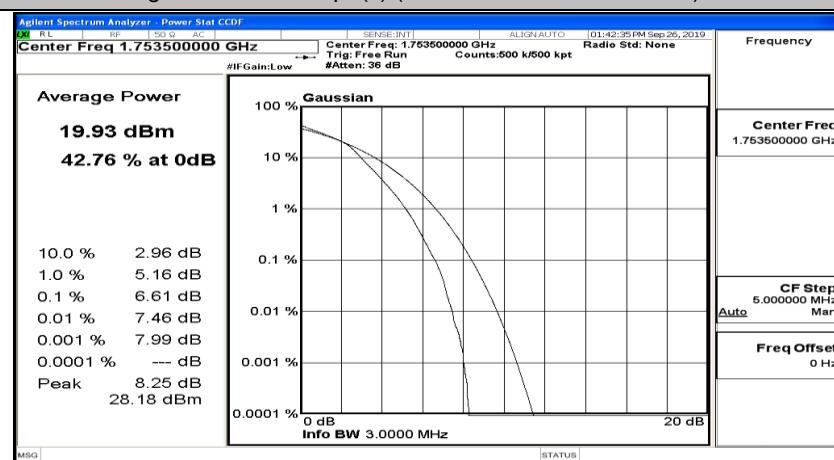
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



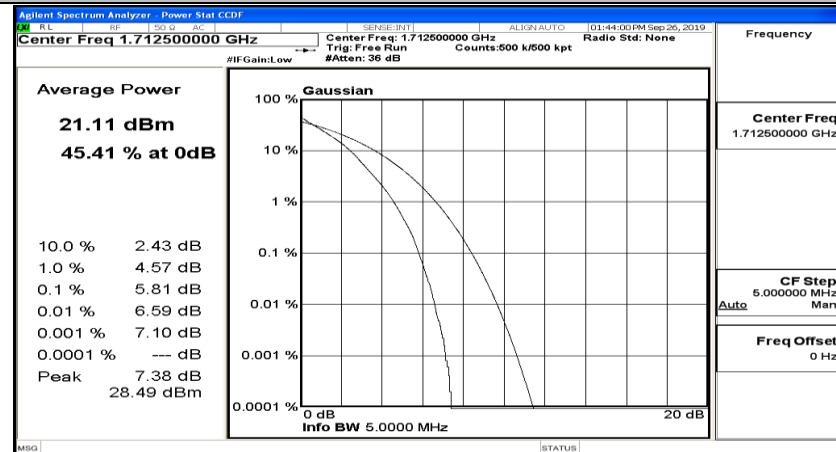
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



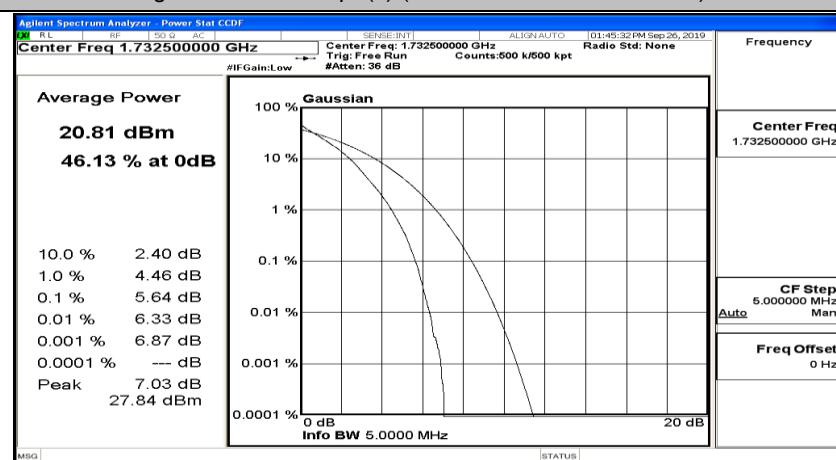
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



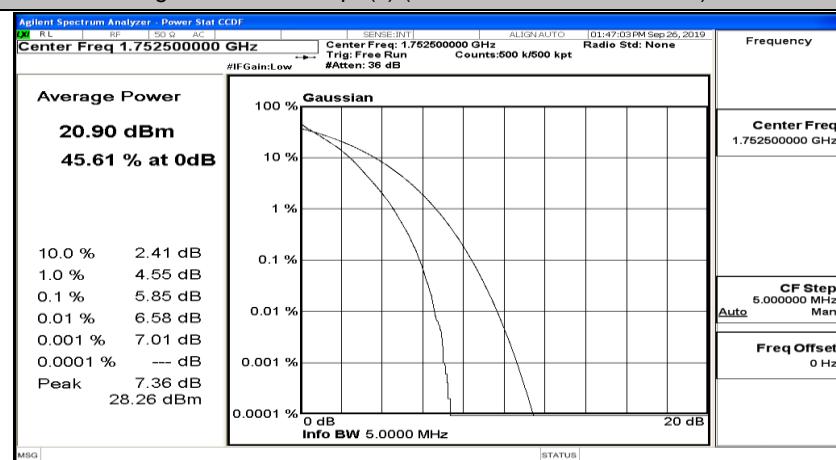
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



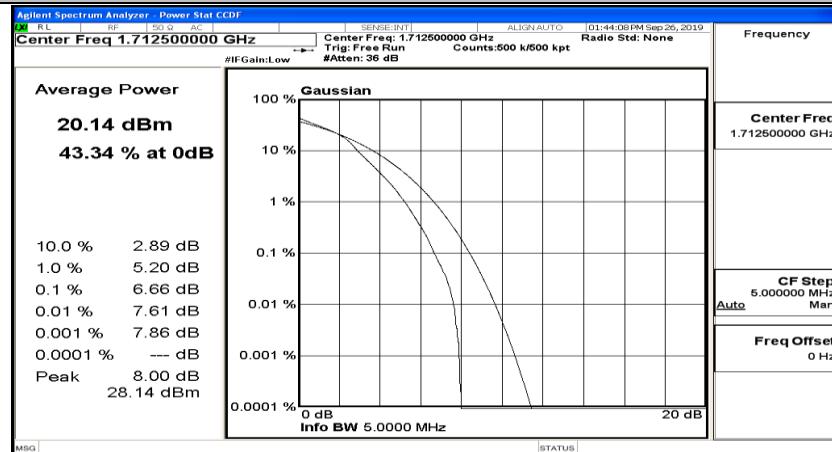
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



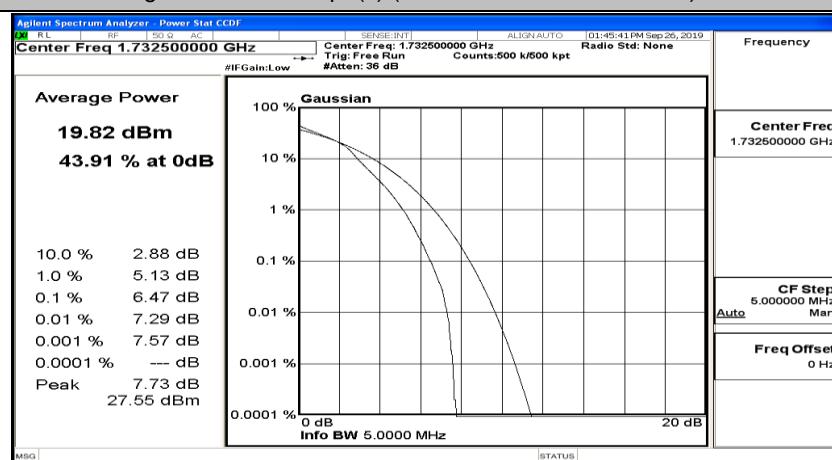
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



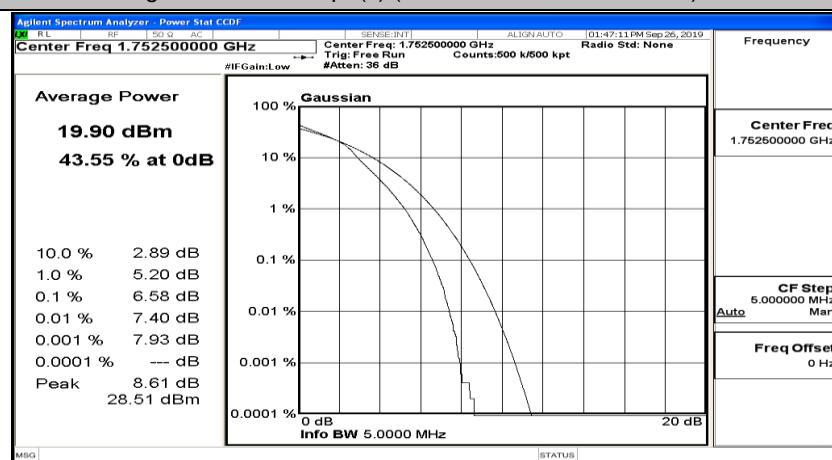
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



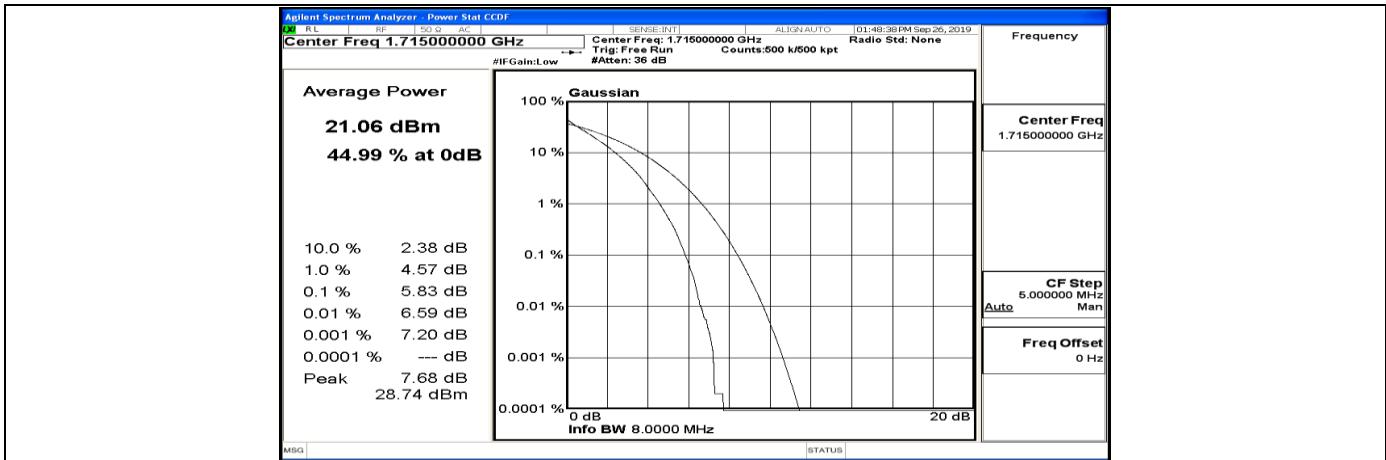
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



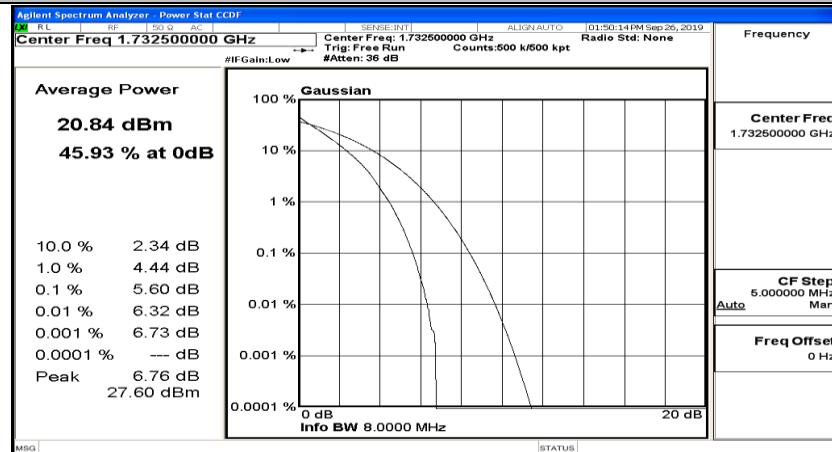
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



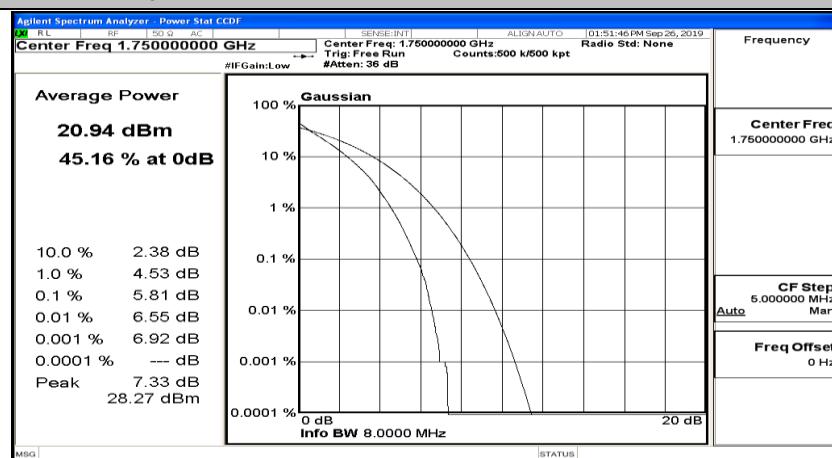
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



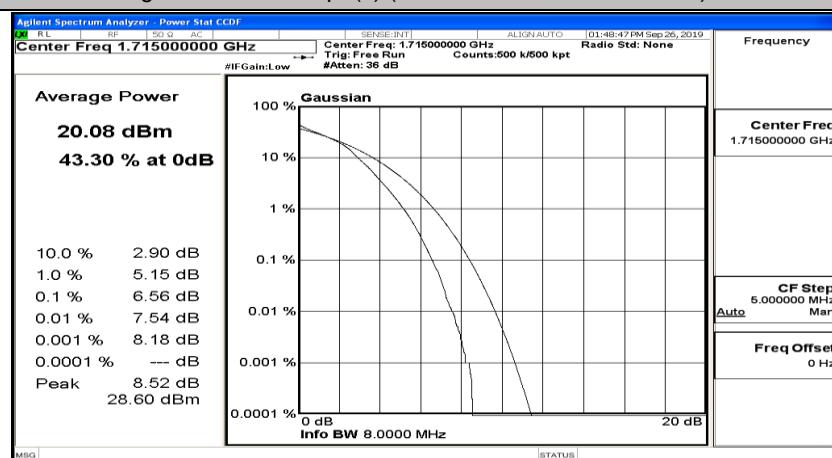
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



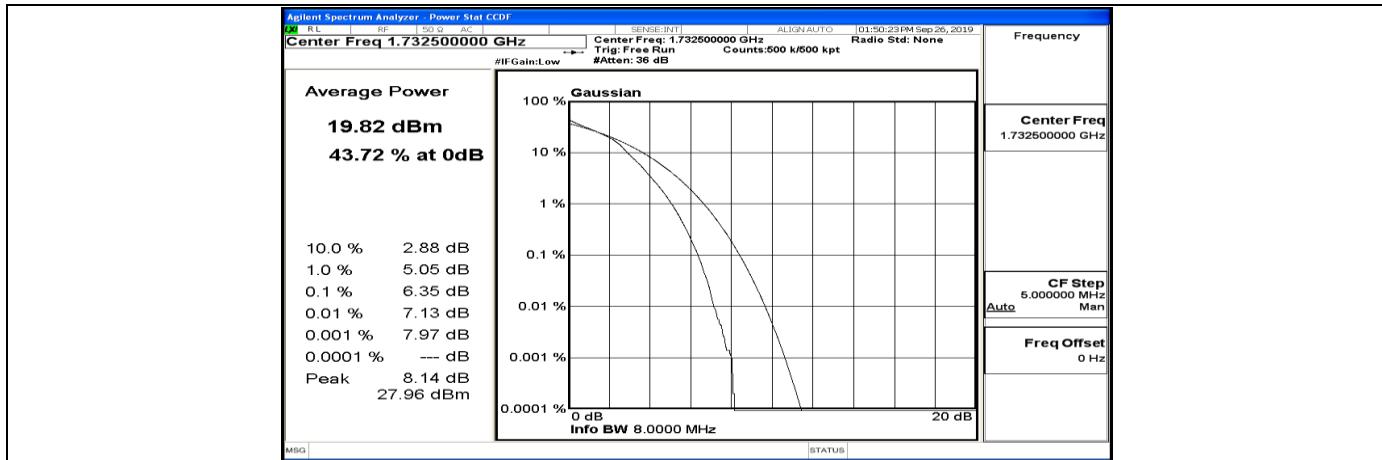
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



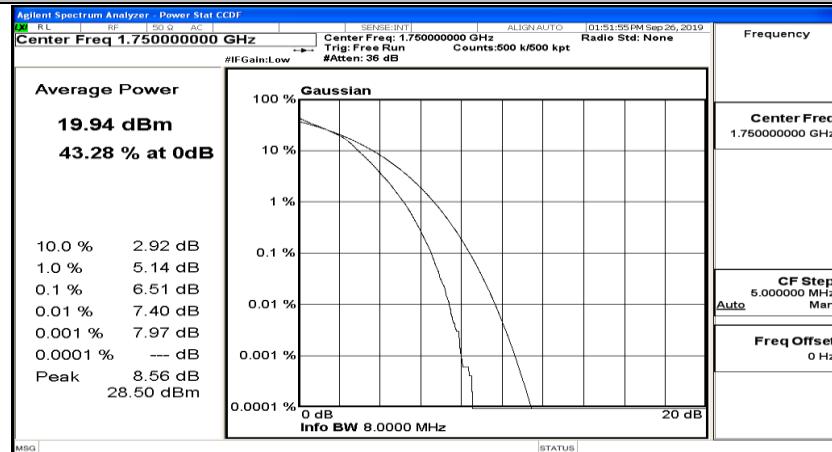
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



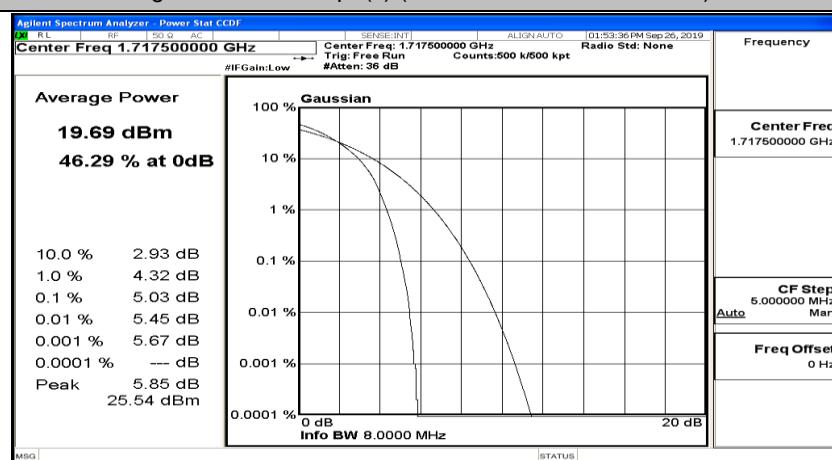
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



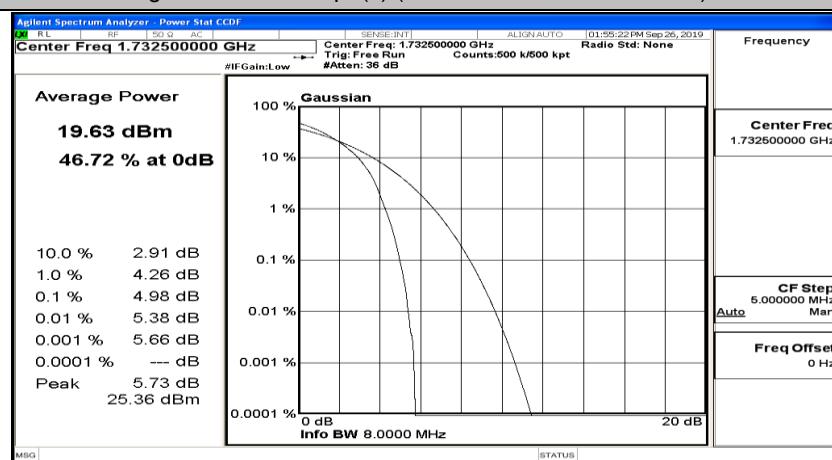
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



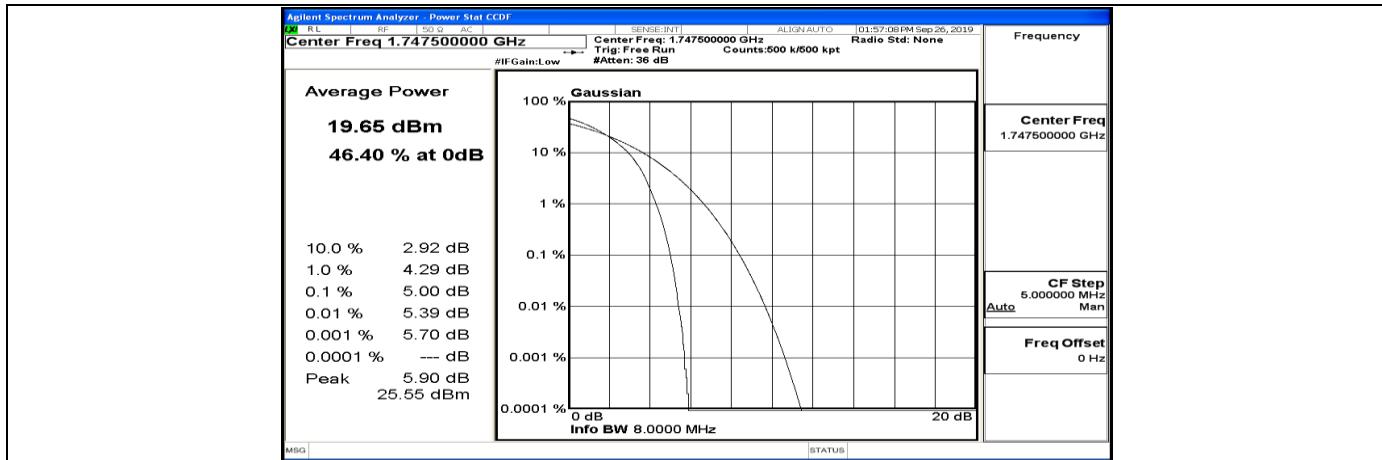
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



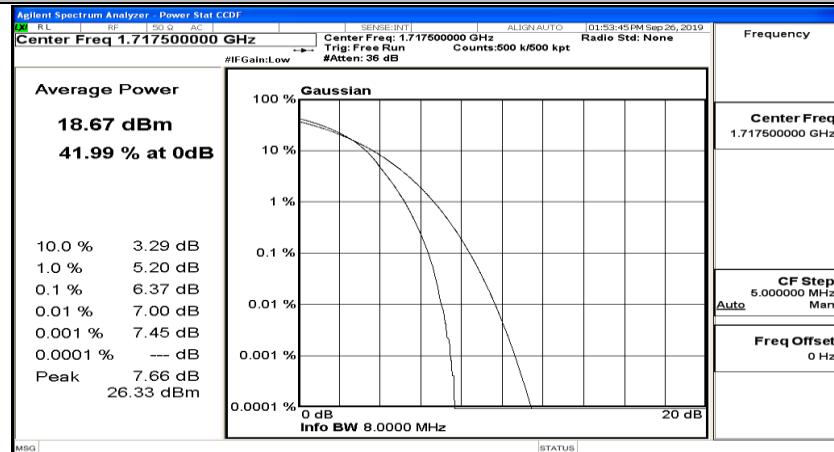
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



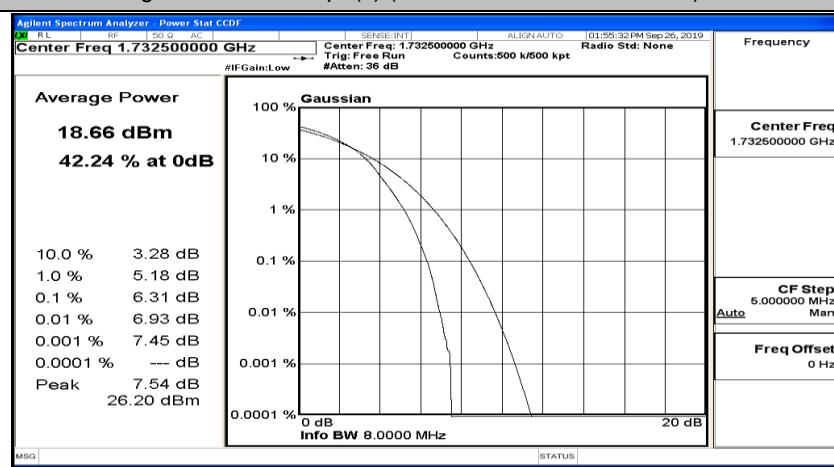
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



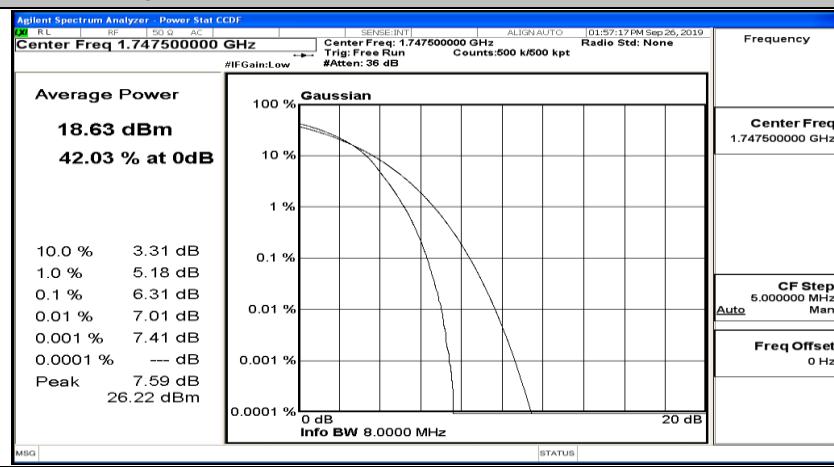
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



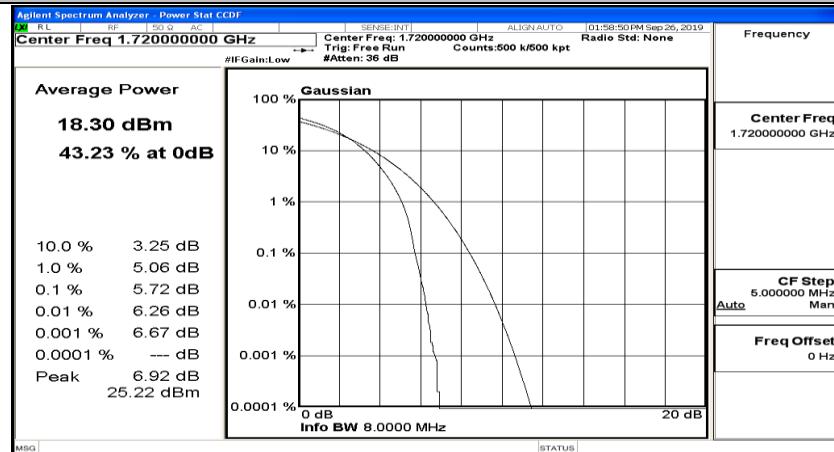
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



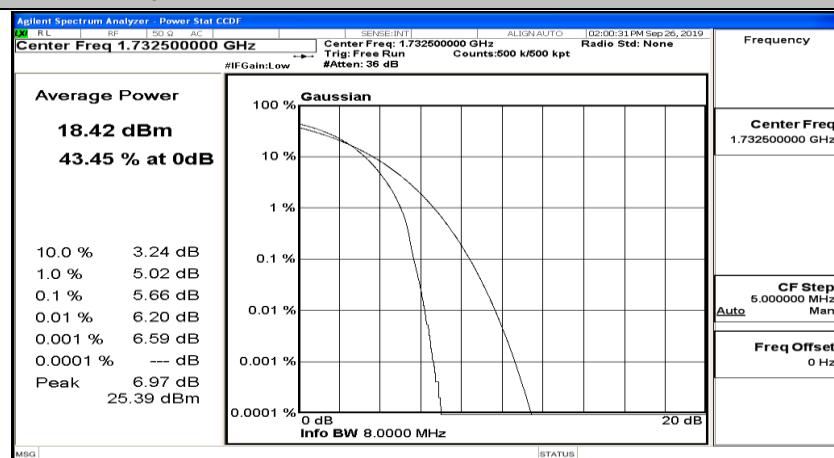
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



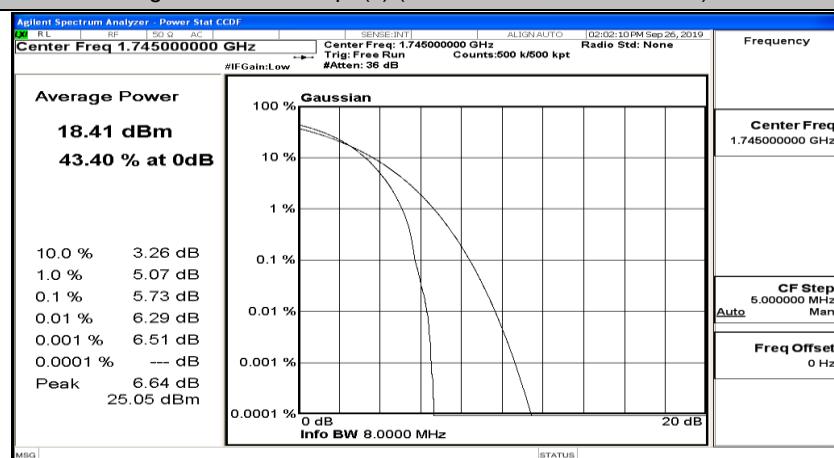
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



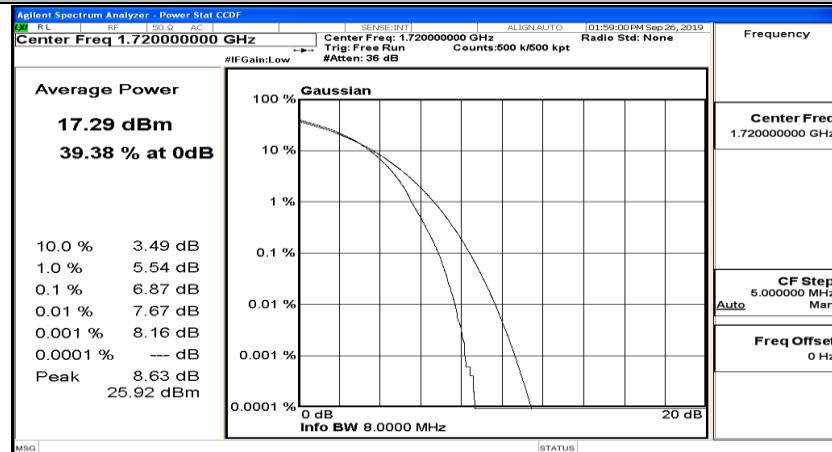
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



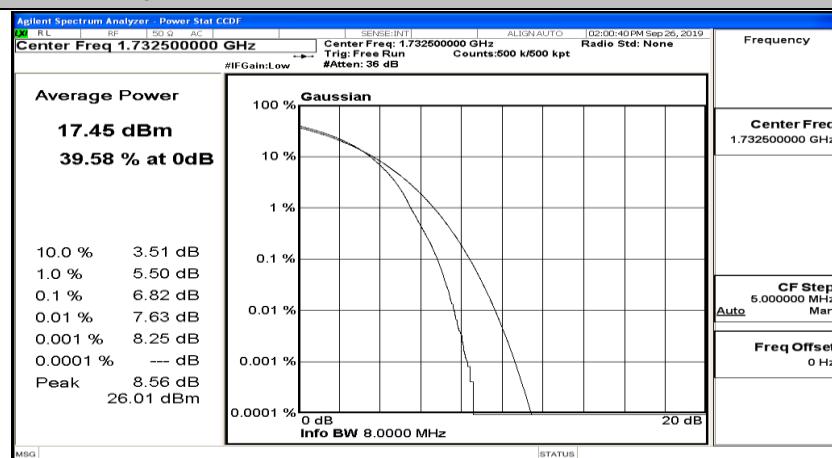
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



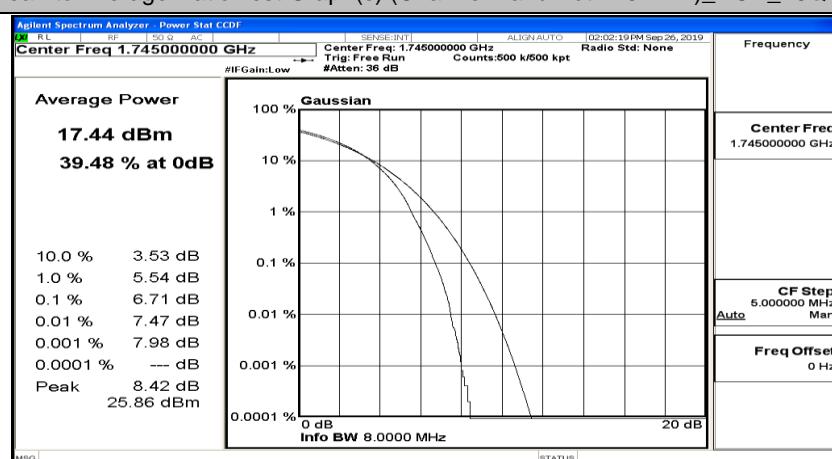
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## 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	1.0775	1.232	PASS
	MCH	1.0757	1.220	PASS
	HCH	1.0763	1.228	PASS
16QAM	LCH	1.0782	1.235	PASS
	MCH	1.0773	1.218	PASS
	HCH	1.0761	1.238	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6755	2.831	PASS
	MCH	2.6714	2.824	PASS
	HCH	2.6787	2.833	PASS
16QAM	LCH	2.6810	2.841	PASS
	MCH	2.6823	2.813	PASS
	HCH	2.6831	2.829	PASS

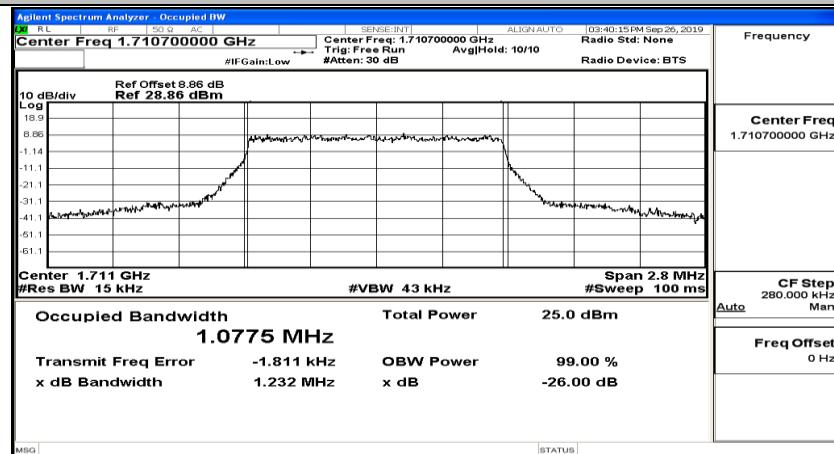
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4739	4.820	PASS
	MCH	4.4746	4.879	PASS
	HCH	4.4752	4.866	PASS
16QAM	LCH	4.4789	4.824	PASS
	MCH	4.4799	4.798	PASS
	HCH	4.4756	4.820	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9503	9.460	PASS
	MCH	8.9311	9.527	PASS
	HCH	8.9371	9.530	PASS
16QAM	LCH	8.9444	9.584	PASS
	MCH	8.9331	9.538	PASS
	HCH	8.9462	9.583	PASS

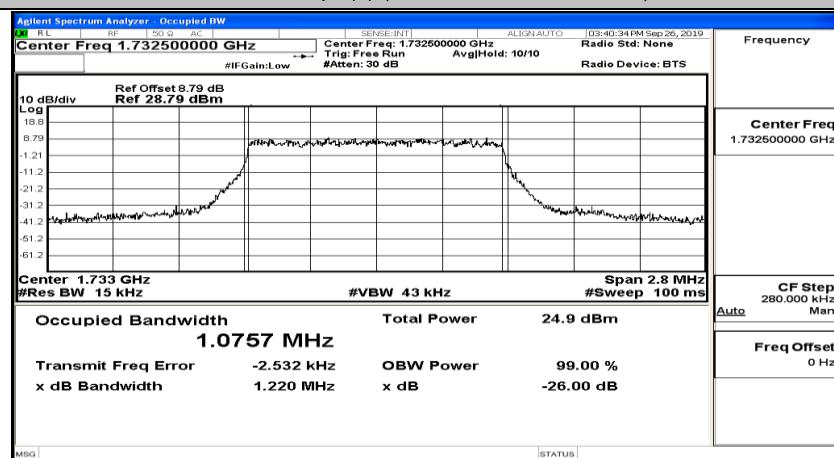
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.415	14.17	PASS
	MCH	13.392	14.13	PASS
	HCH	13.395	14.04	PASS
16QAM	LCH	13.396	14.20	PASS
	MCH	13.394	14.05	PASS
	HCH	13.397	14.08	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.886	18.71	PASS
	MCH	17.832	18.60	PASS
	HCH	17.878	18.64	PASS
16QAM	LCH	17.872	18.70	PASS
	MCH	17.846	18.64	PASS
	HCH	17.855	18.70	PASS

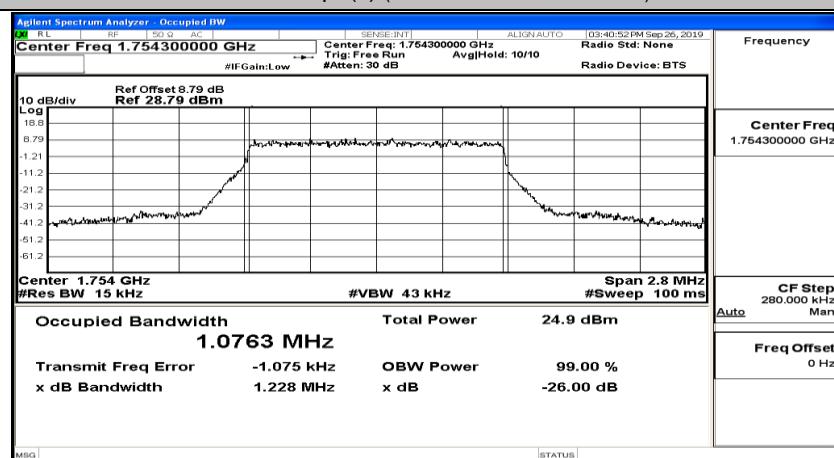
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



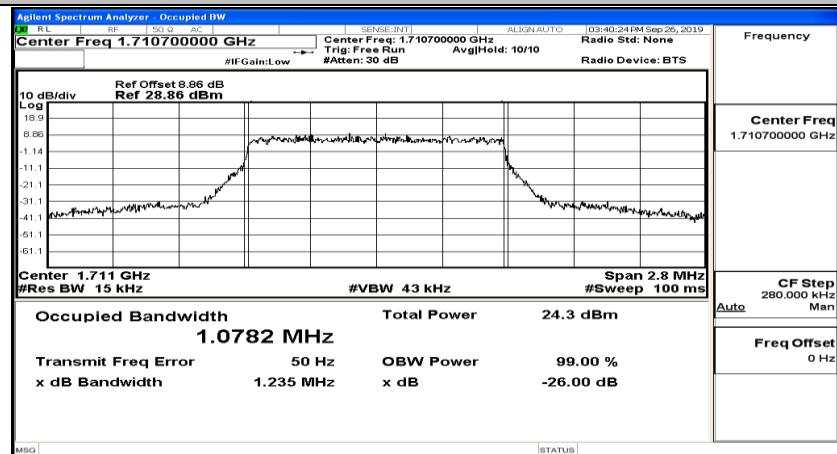
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



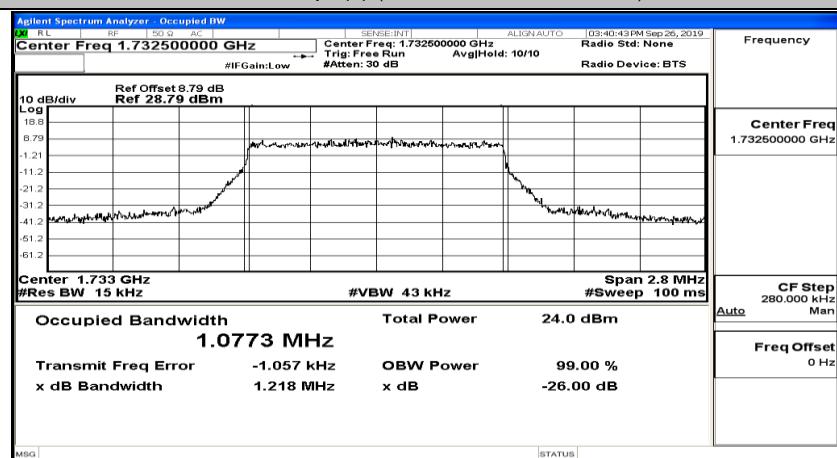
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



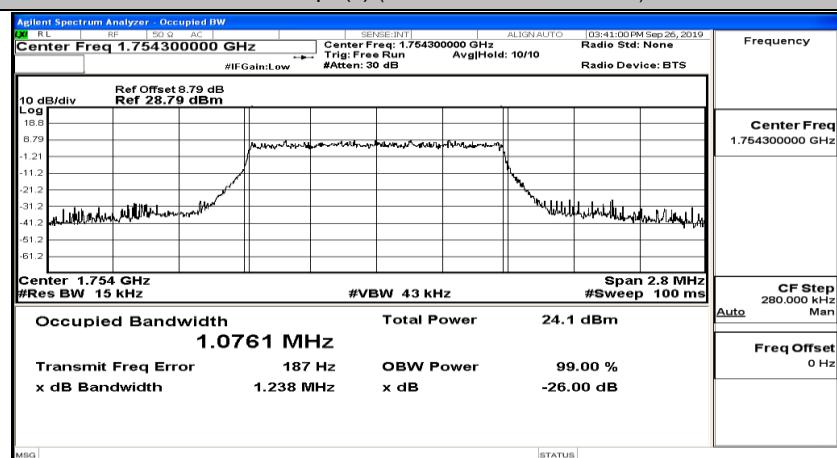
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



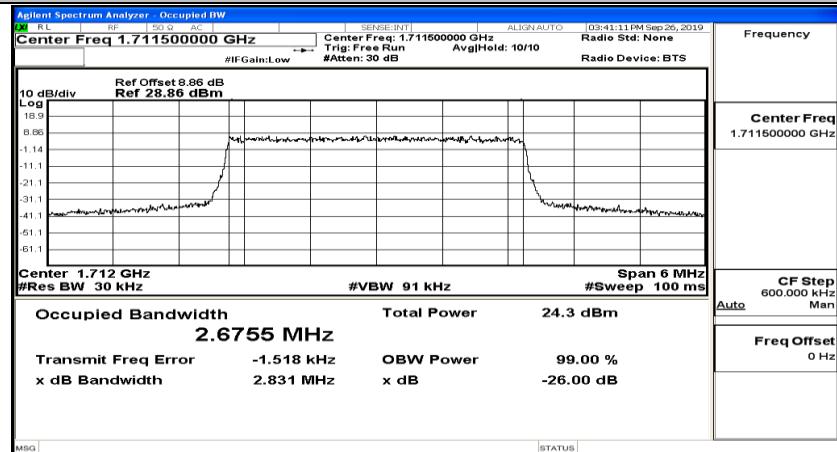
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



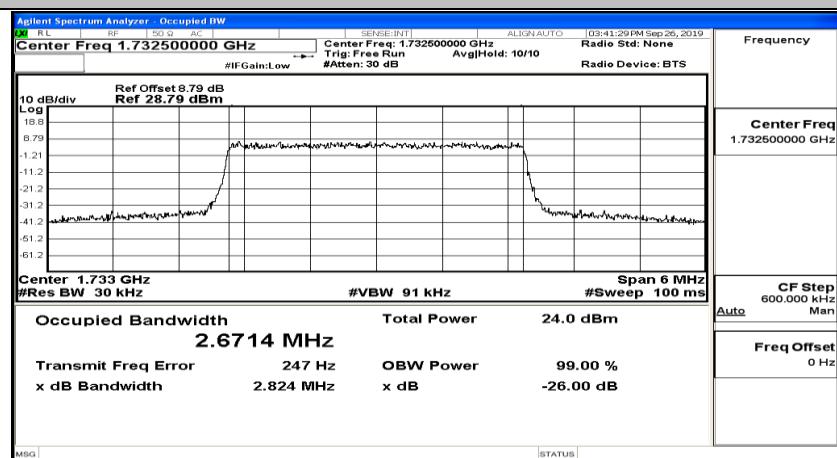
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



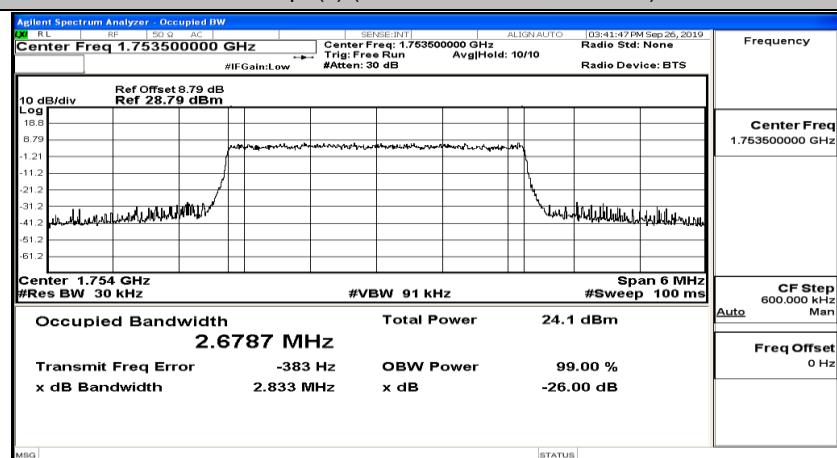
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



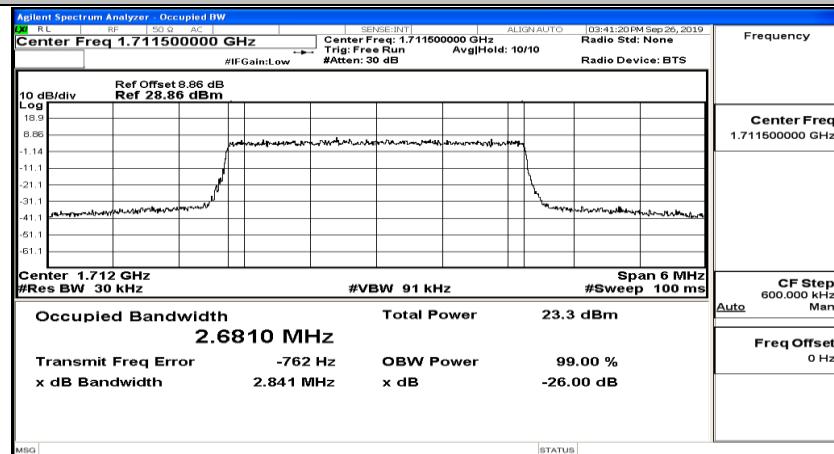
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



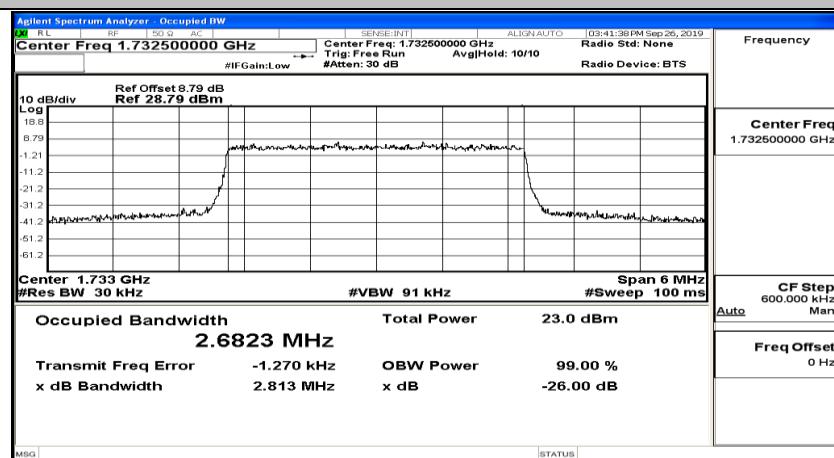
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



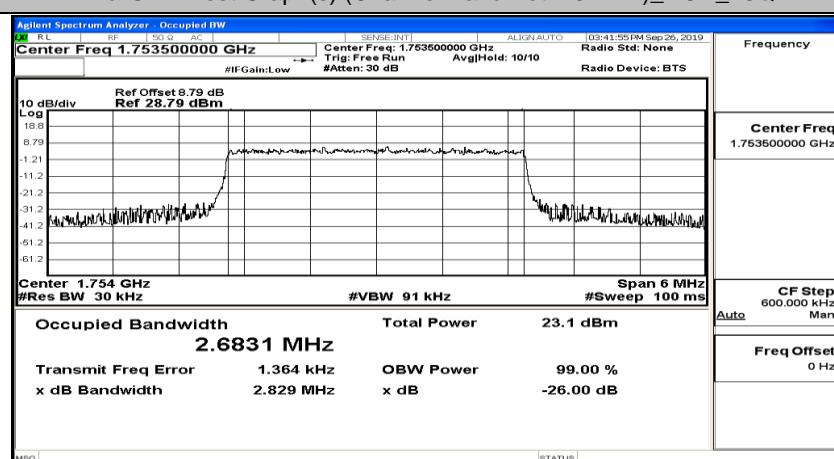
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



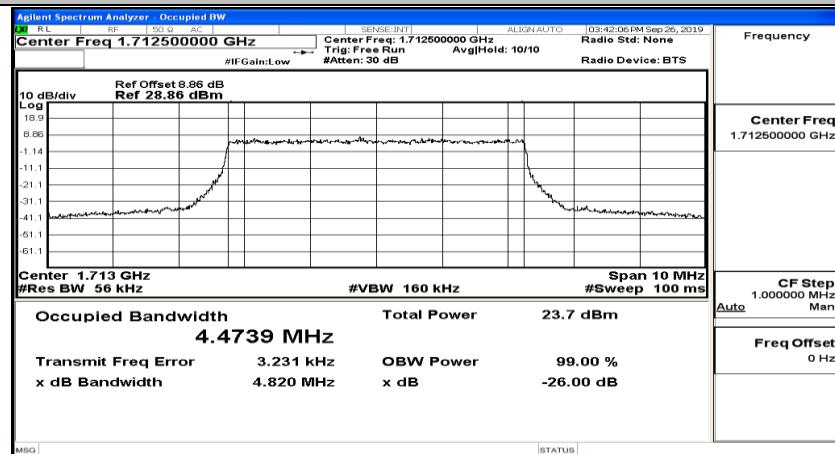
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



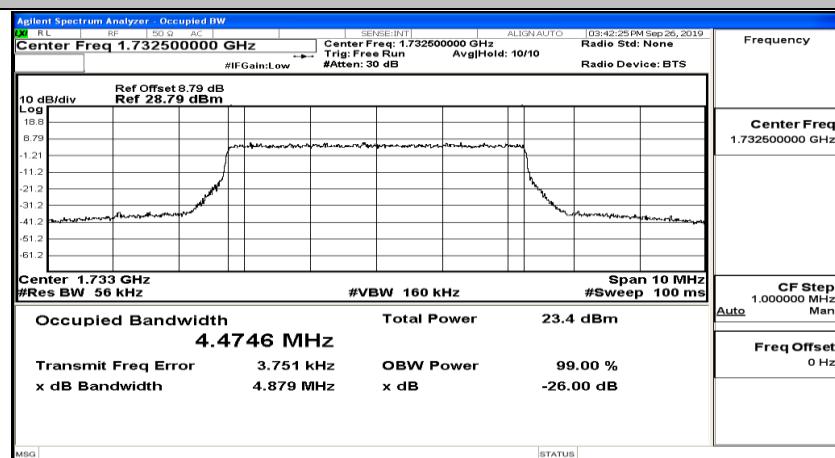
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



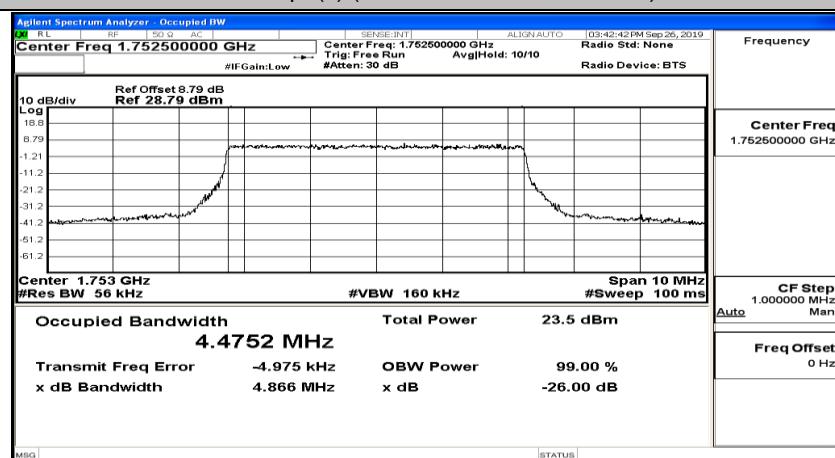
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



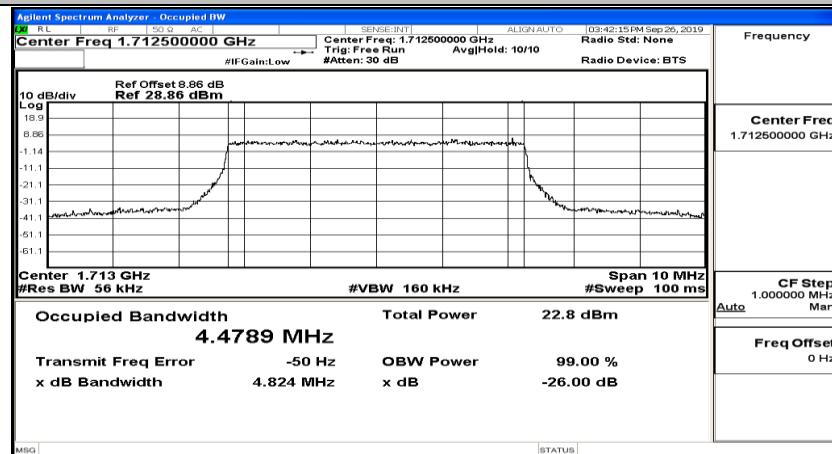
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



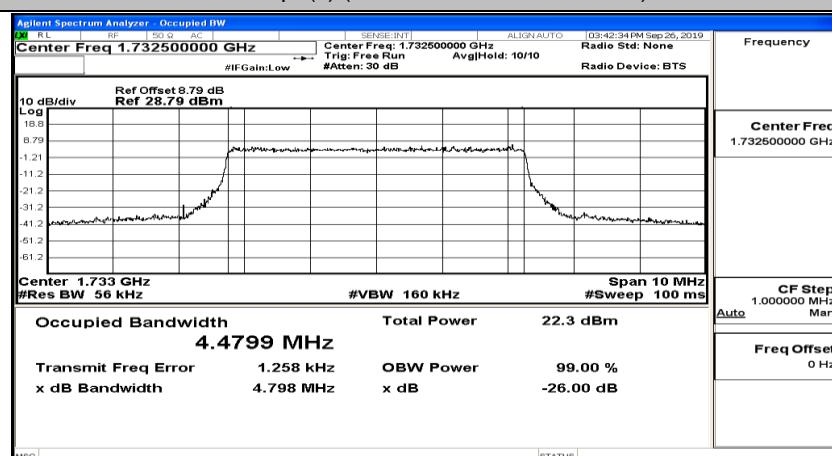
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



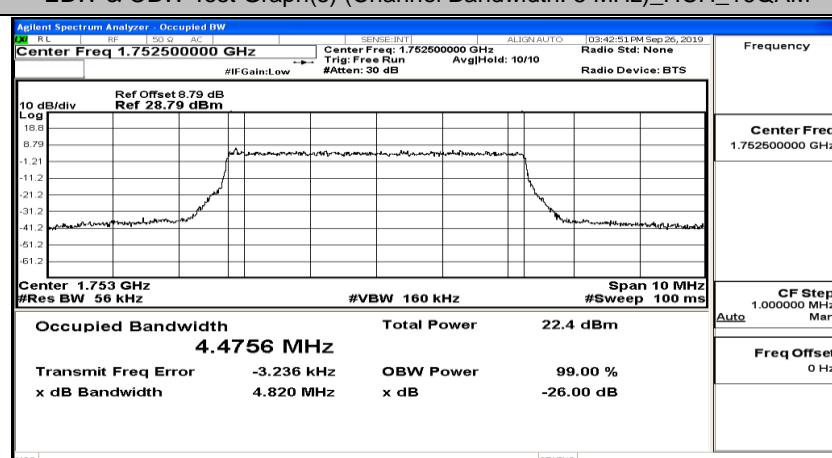
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



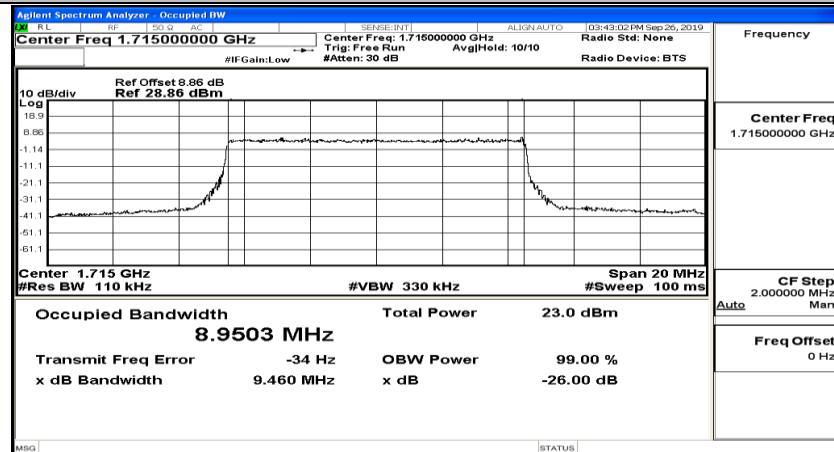
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



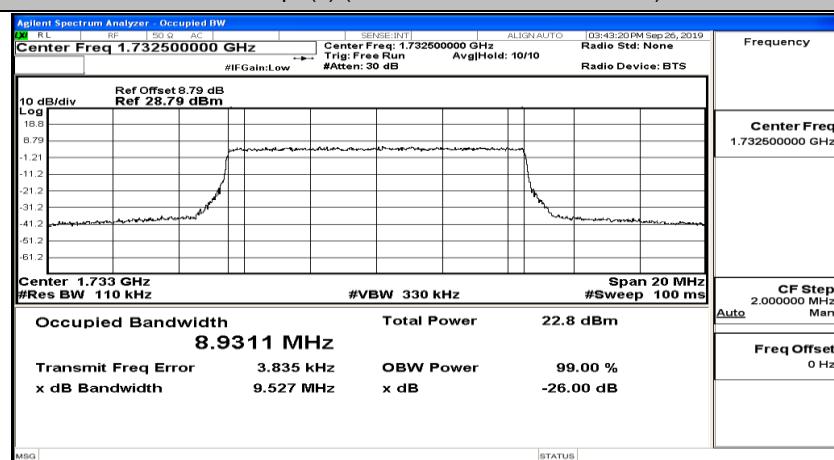
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



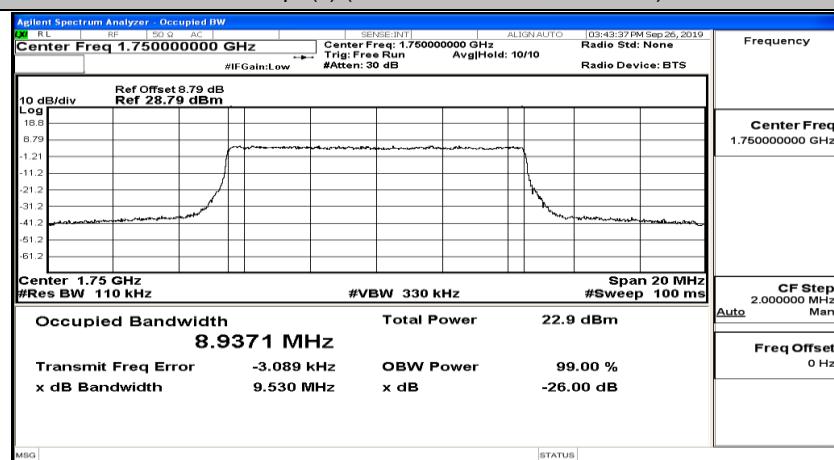
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



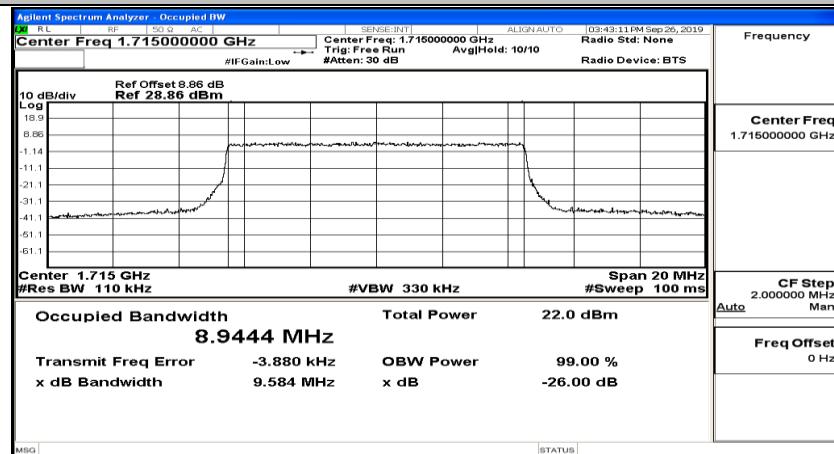
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



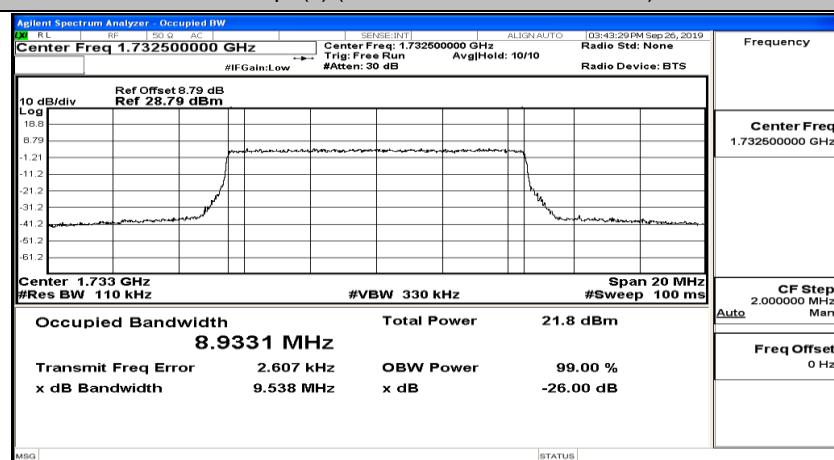
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



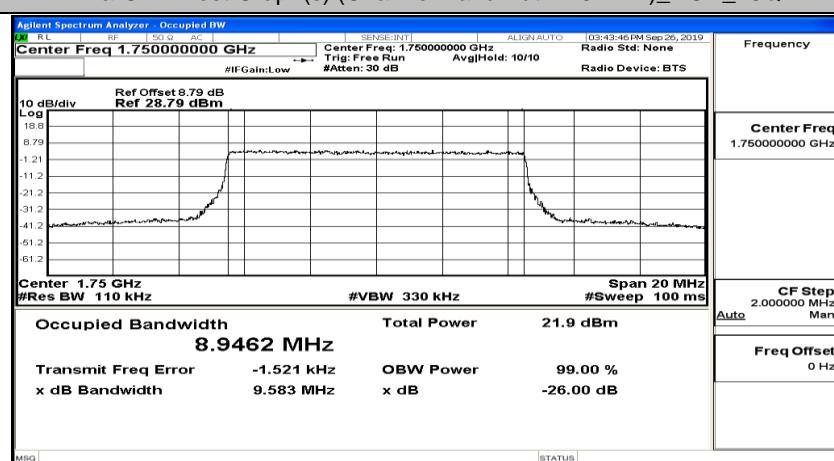
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



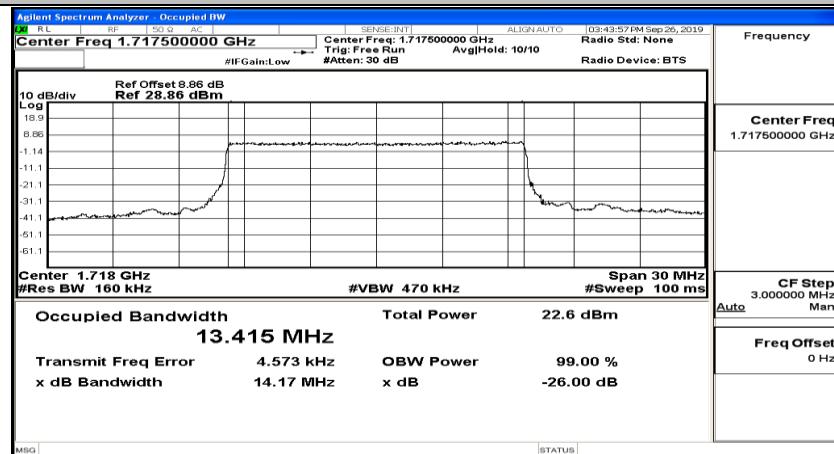
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



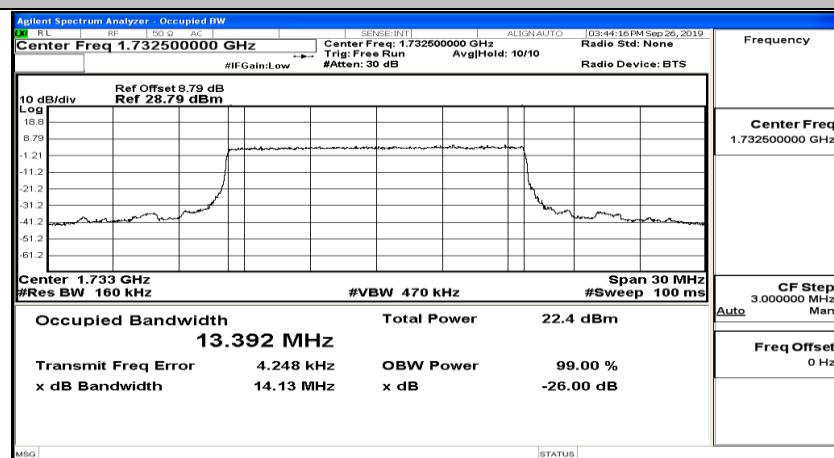
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



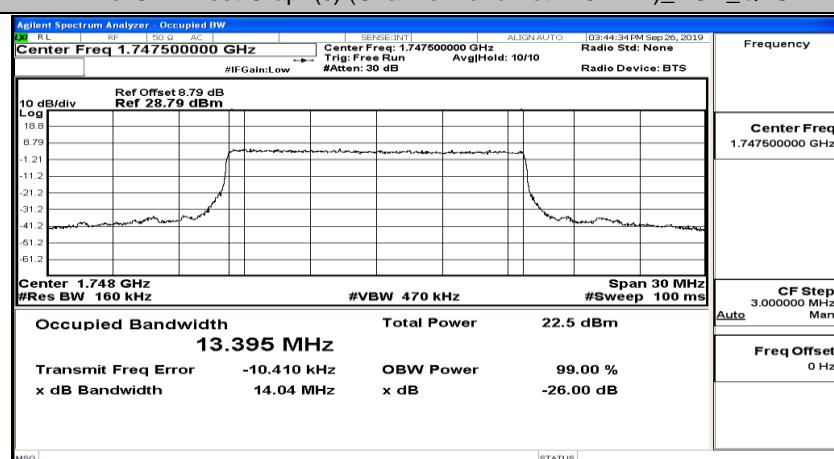
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



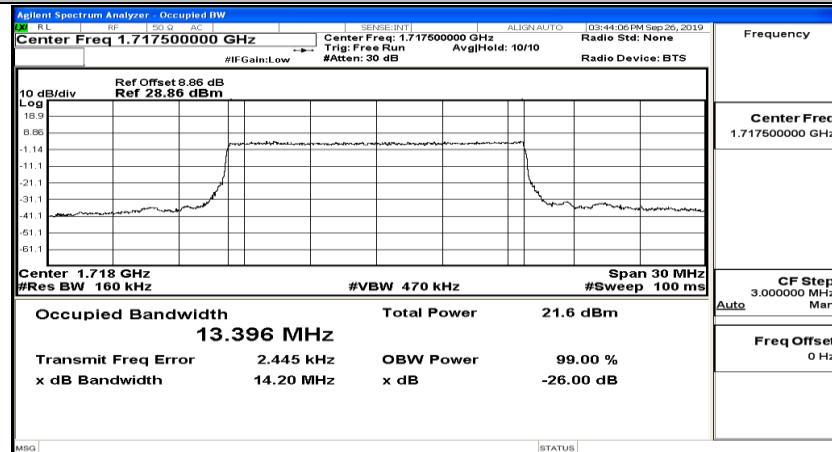
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



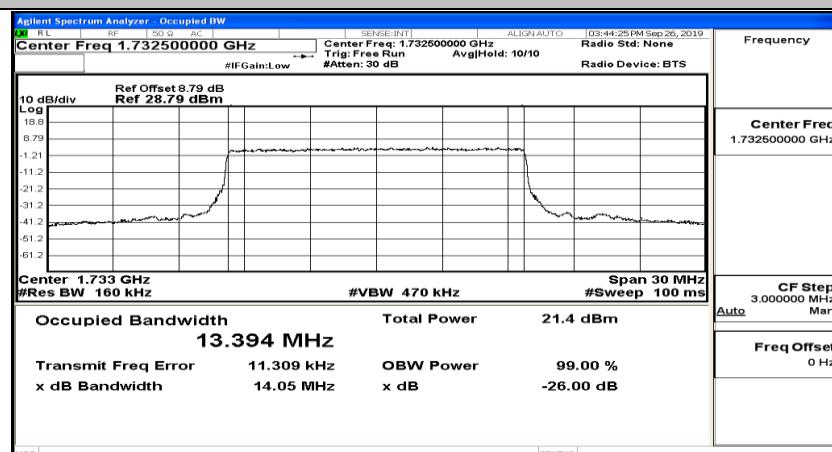
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



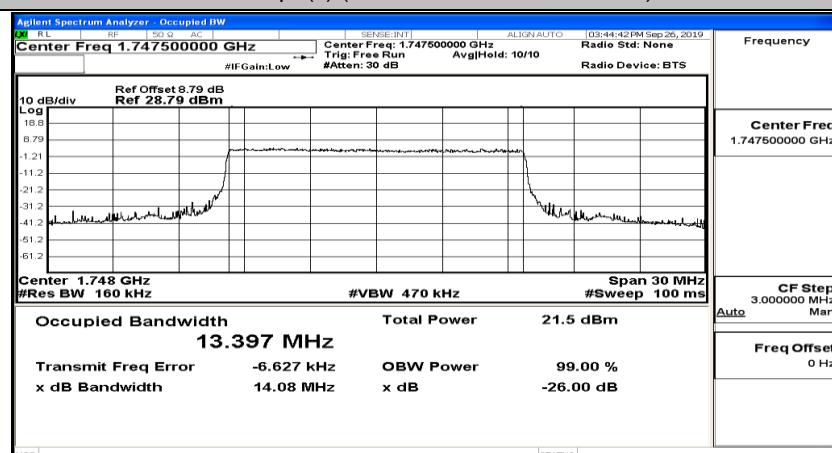
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



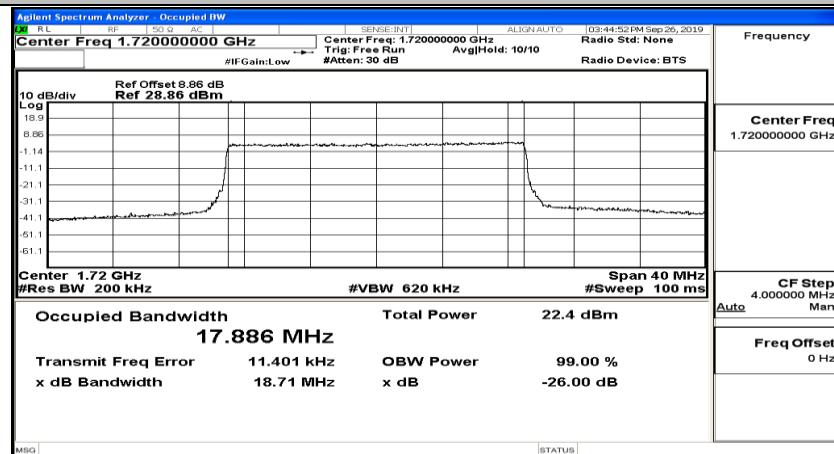
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



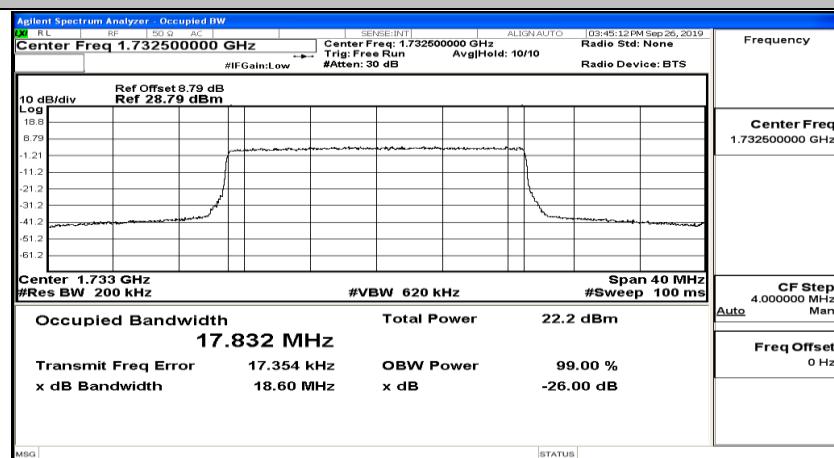
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



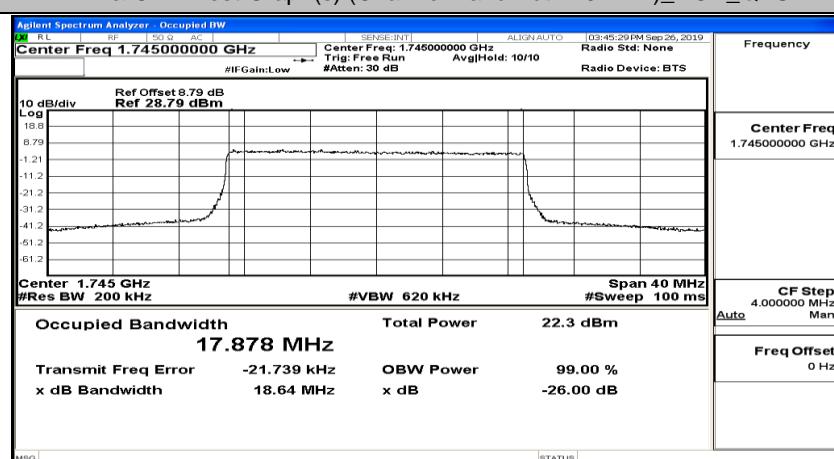
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



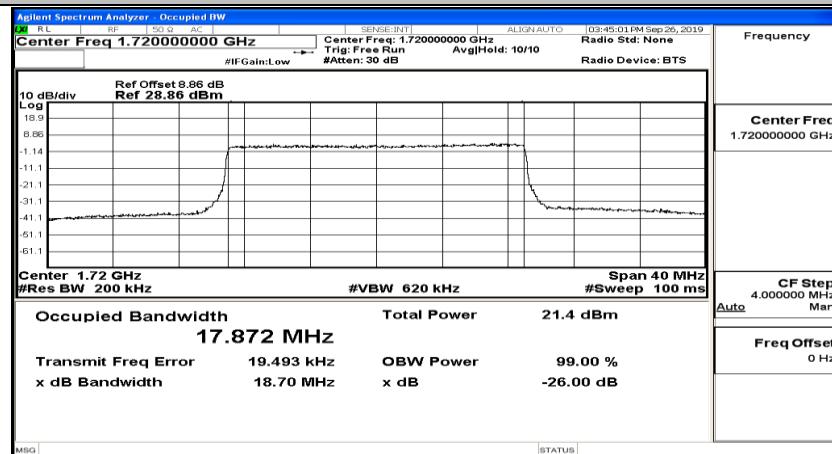
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



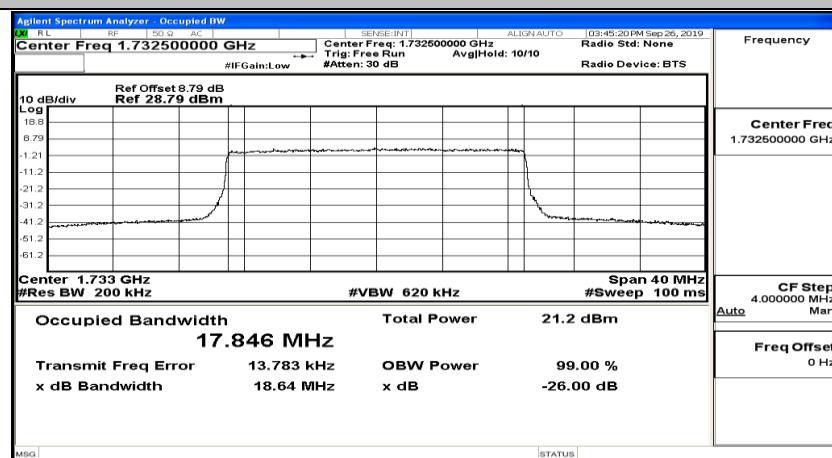
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



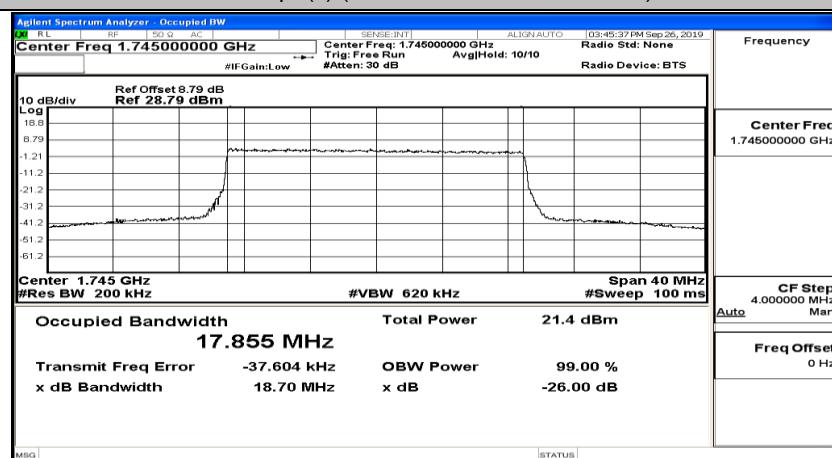
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



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

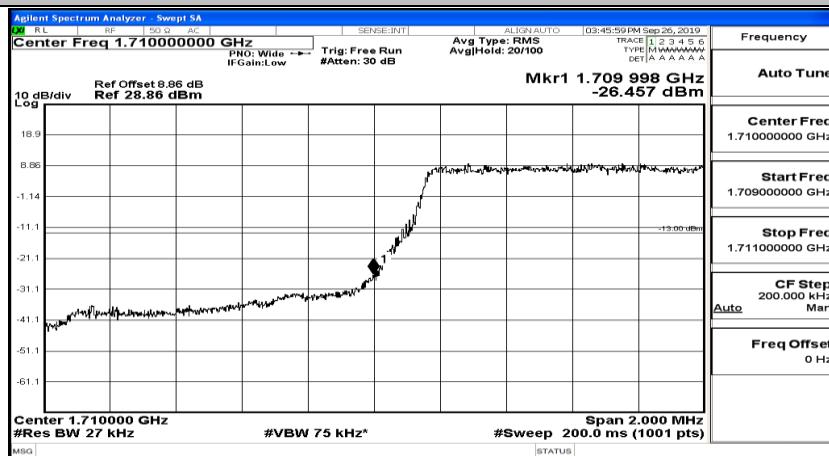


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM

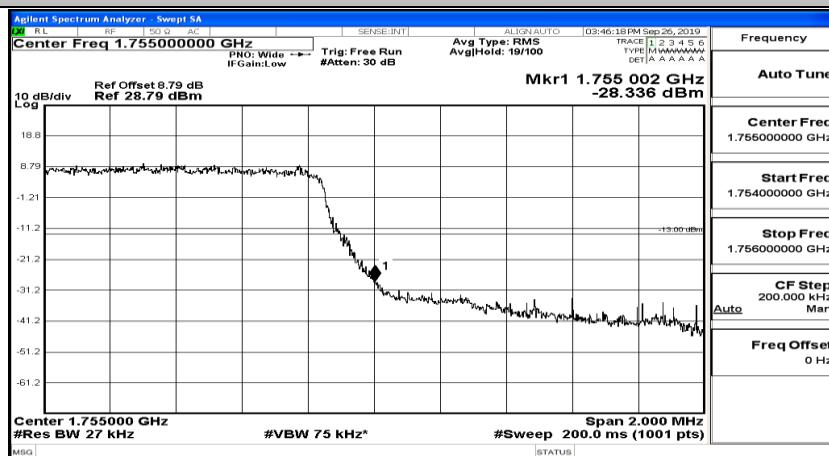


## E.4 Band Edge

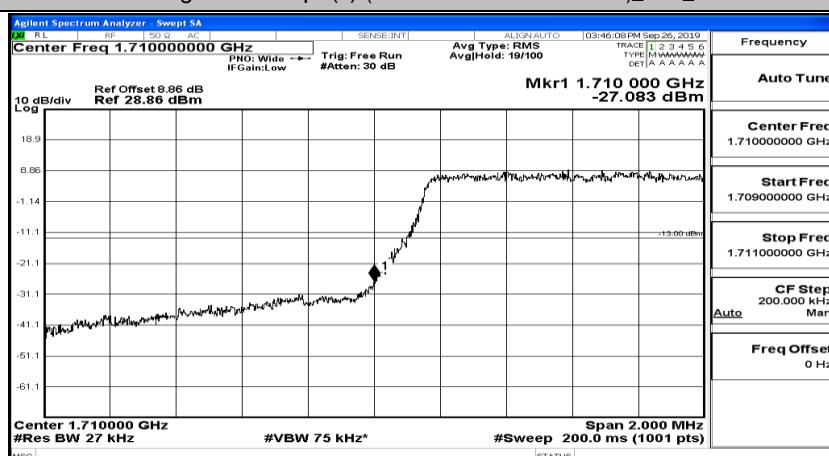
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



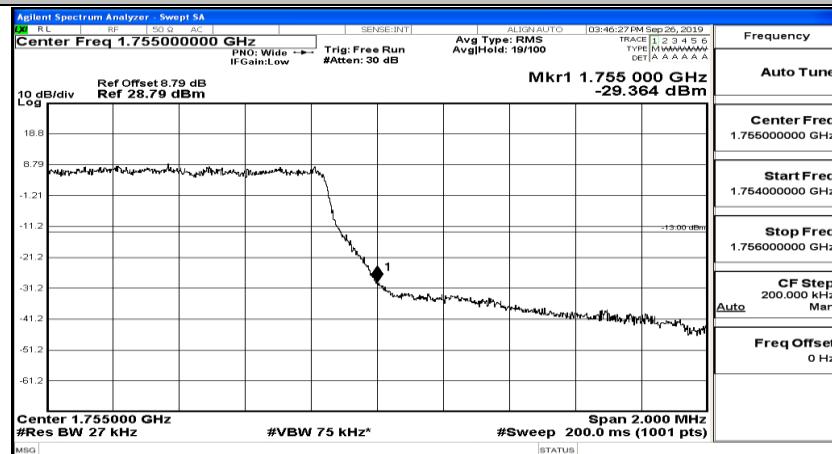
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



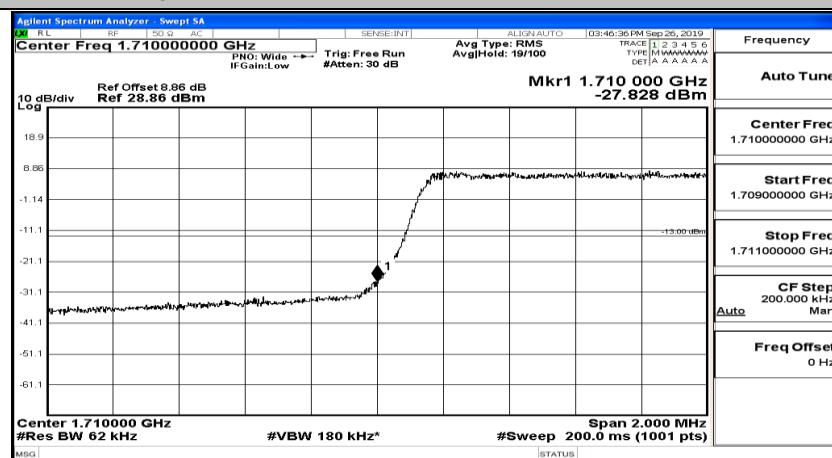
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



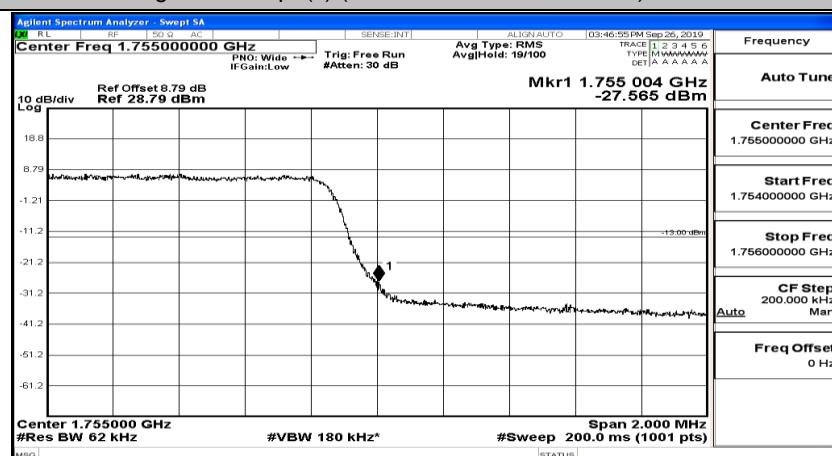
## Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



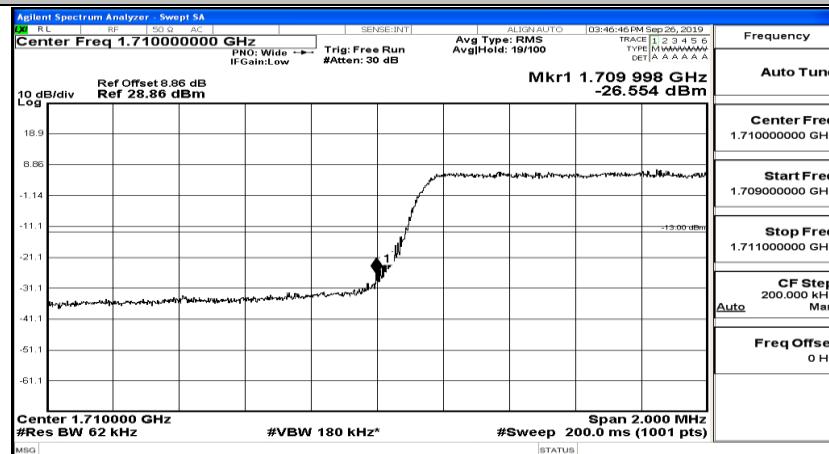
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



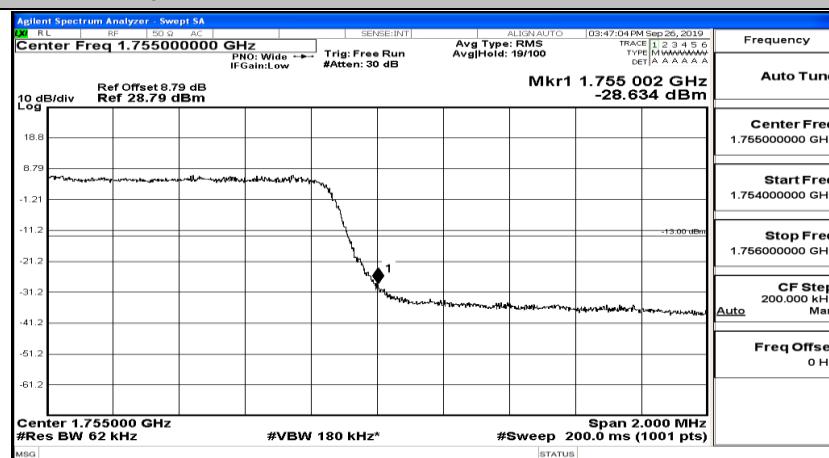
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



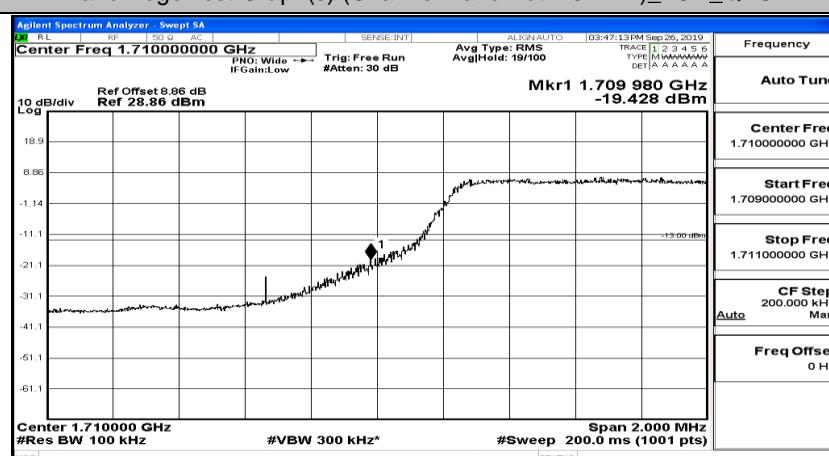
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



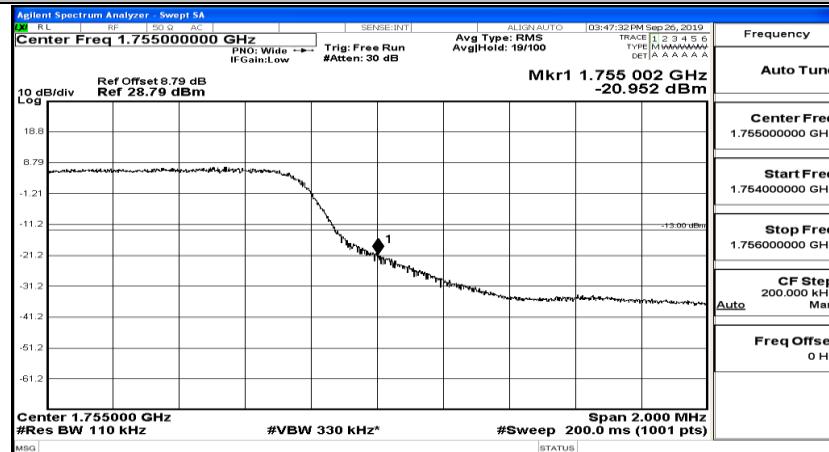
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



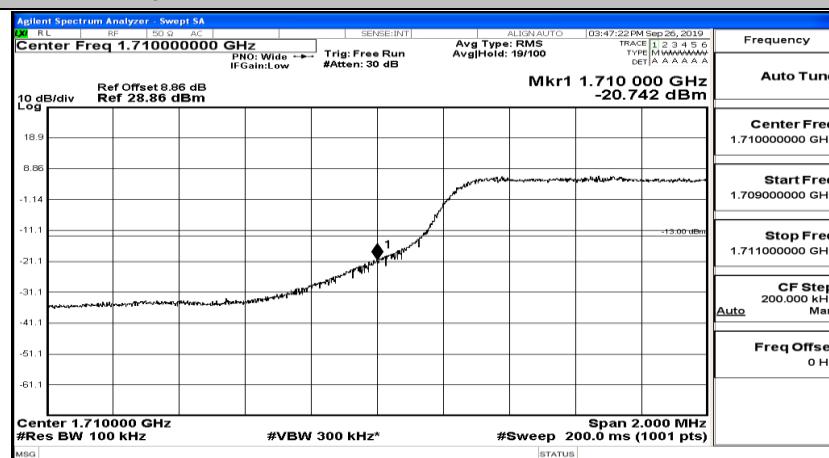
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



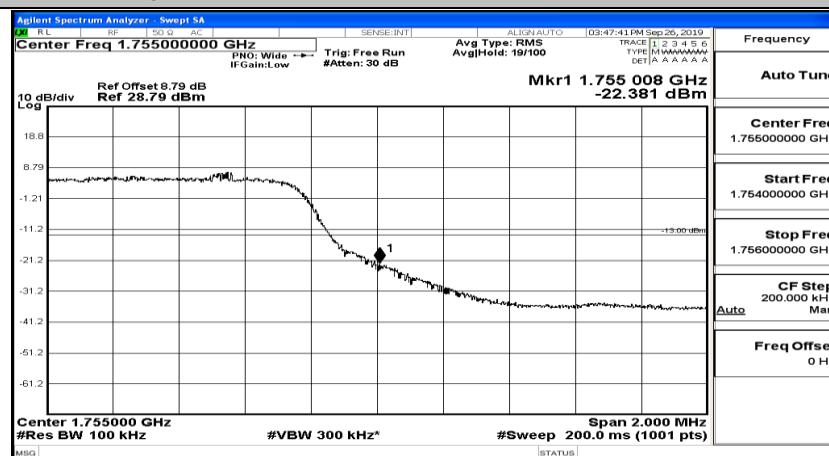
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



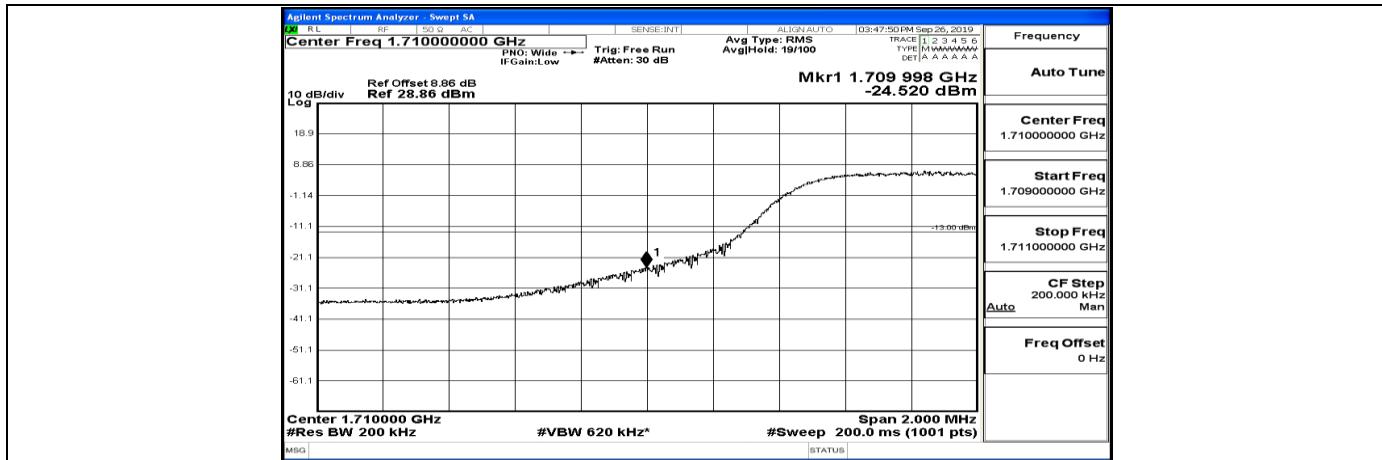
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



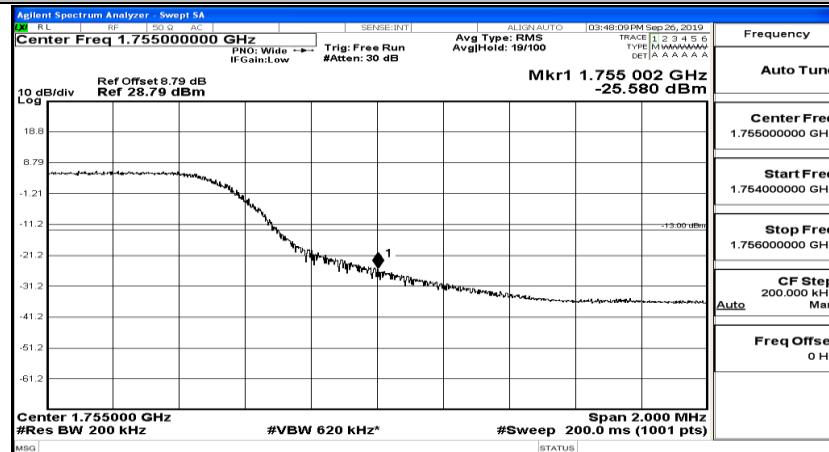
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



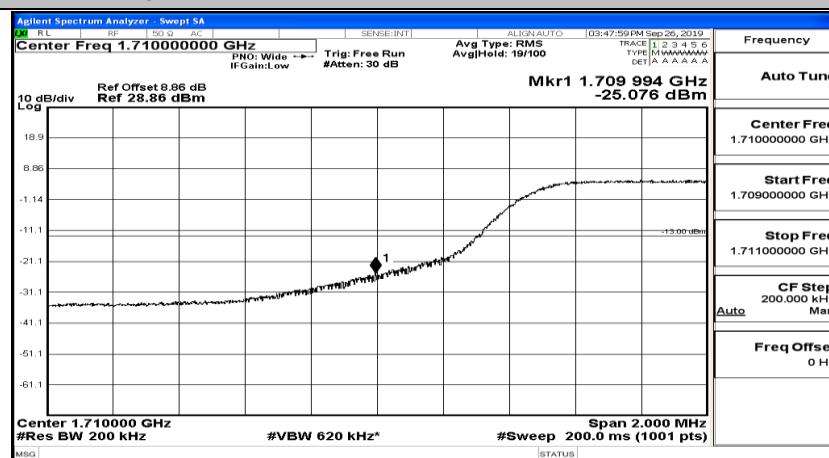
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



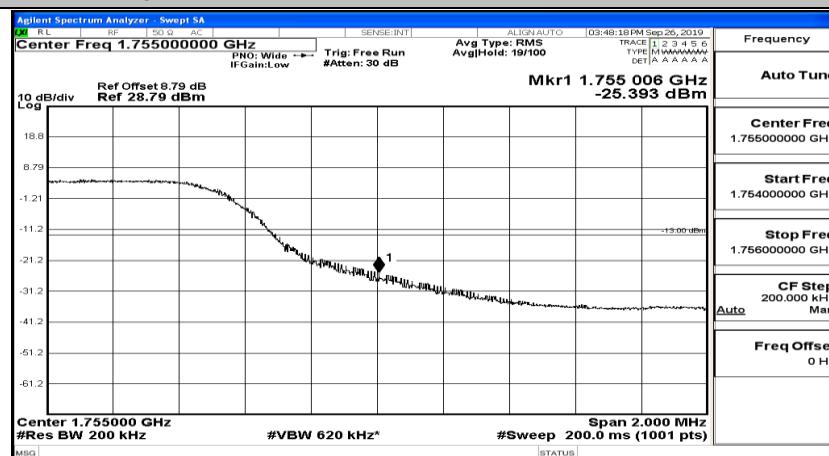
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



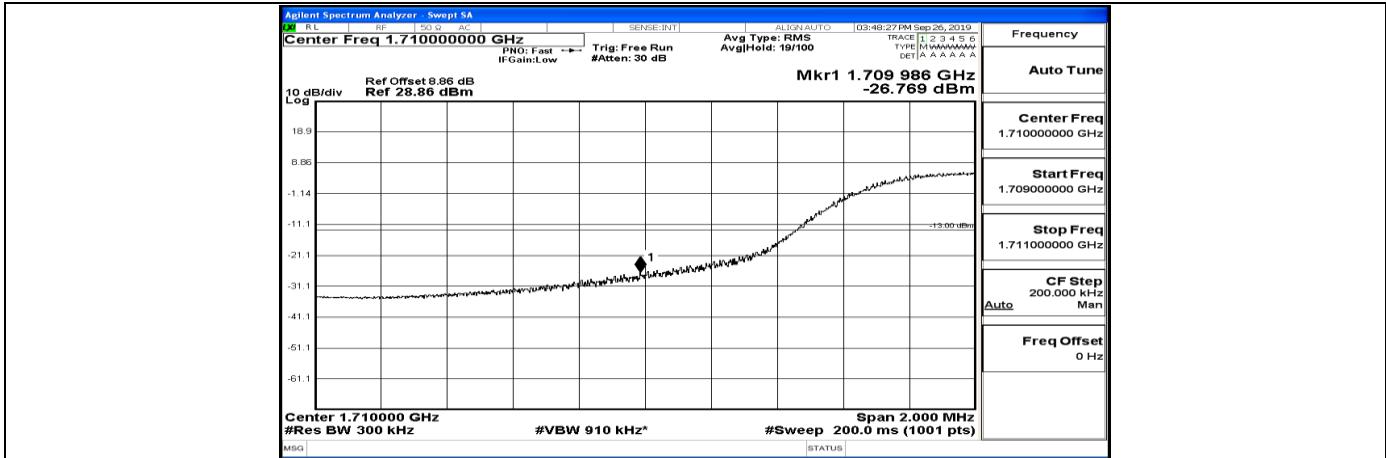
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



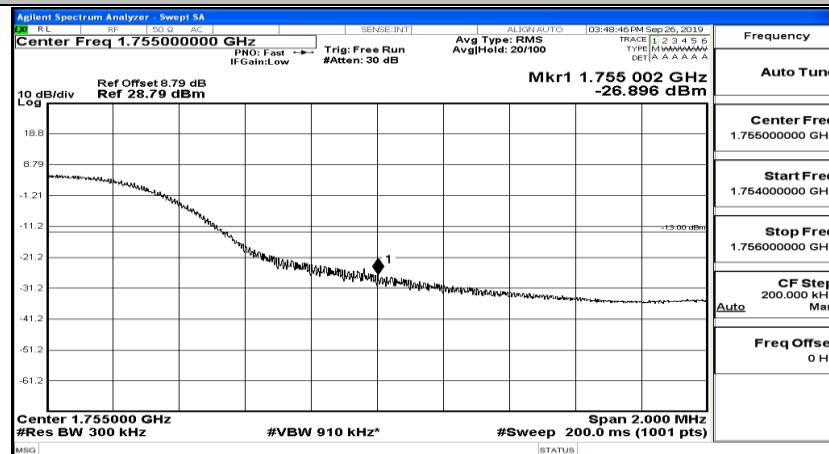
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



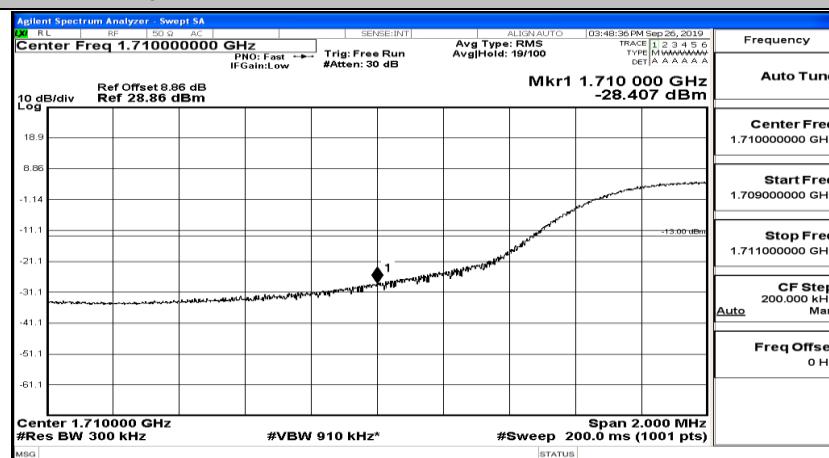
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



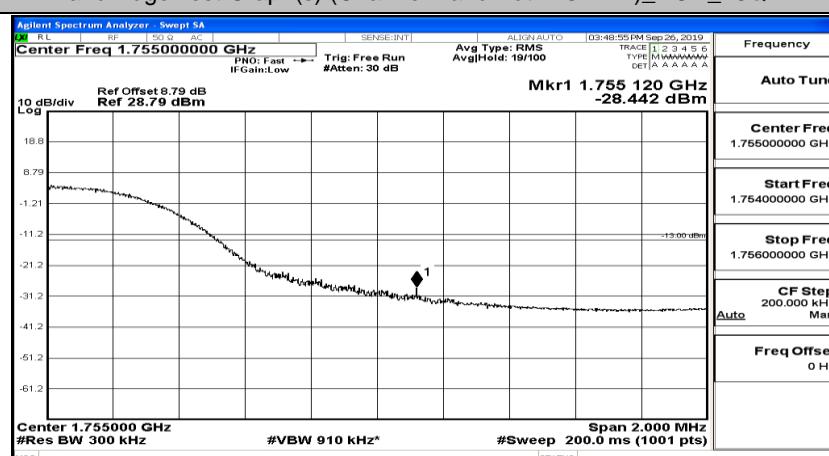
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



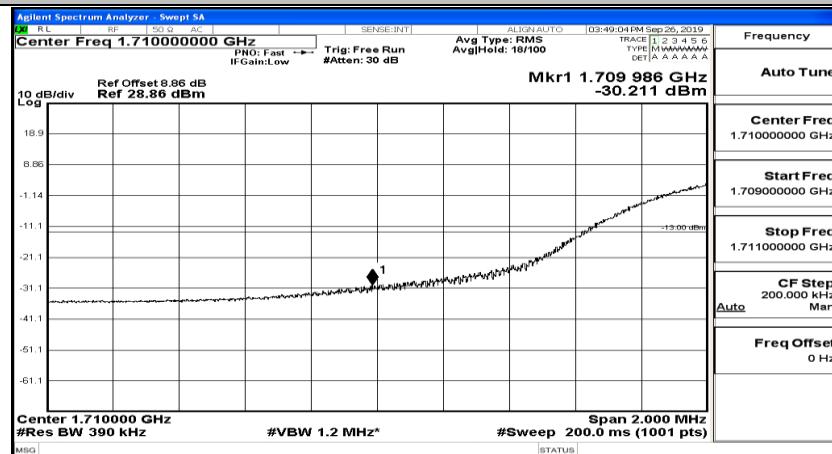
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



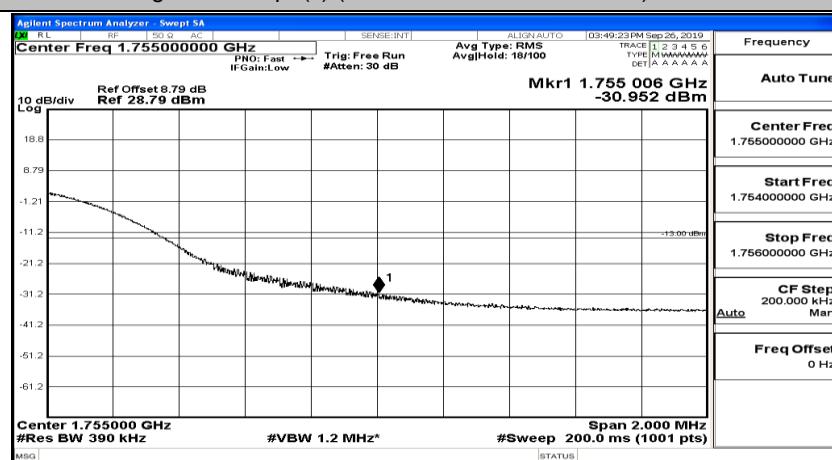
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



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

