

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

**Product Name: MOBILE PHONE**

**Trade Mark: CELLUTION**

**Test Model: PADUA**

### Environmental Conditions

Temperature:	23.1° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	LI HUAN

### E.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.64	22.49	PASS
		1	3	23.76	22.64	PASS
		1	5	23.63	22.51	PASS
		3	0	23.44	22.48	PASS
		3	2	23.53	22.50	PASS
		3	3	23.47	22.46	PASS
		6	0	22.70	21.42	PASS
	MCH	1	0	22.07	21.40	PASS
		1	3	22.15	21.48	PASS
		1	5	22.00	21.32	PASS
		3	0	22.12	21.09	PASS
		3	2	22.08	21.10	PASS
		3	3	22.08	21.05	PASS
		6	0	21.08	19.99	PASS
	HCH	1	0	22.91	22.04	PASS
		1	3	23.07	22.24	PASS
		1	5	22.95	22.06	PASS
		3	0	22.96	21.97	PASS
		3	2	23.05	22.00	PASS
		3	3	23.02	22.00	PASS
		6	0	22.06	21.10	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.49	22.51	PASS
		1	7	23.66	22.80	PASS
		1	14	23.56	22.58	PASS
		8	0	22.55	21.47	PASS
		8	4	22.62	21.54	PASS
		8	7	22.61	21.51	PASS
		15	0	22.49	21.35	PASS
	MCH	1	0	22.15	21.49	PASS
		1	7	22.26	21.62	PASS
		1	14	21.96	21.28	PASS
		8	0	21.10	20.07	PASS
		8	4	21.07	20.03	PASS
		8	7	21.00	19.99	PASS
		15	0	20.99	20.00	PASS
	HCH	1	0	22.86	22.02	PASS
		1	7	23.20	22.26	PASS
		1	14	22.96	22.11	PASS
		8	0	21.94	20.83	PASS
		8	4	21.99	20.90	PASS
		8	7	21.97	20.90	PASS
		15	0	21.94	20.89	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.46	22.47	PASS
		1	12	23.95	22.80	PASS
		1	24	23.50	22.57	PASS
		12	0	22.43	21.43	PASS
		12	6	22.57	21.50	PASS
		12	13	22.52	21.48	PASS
		25	0	22.50	21.42	PASS
	MCH	1	0	22.23	21.40	PASS
		1	12	22.27	21.53	PASS
		1	24	21.86	21.07	PASS
		12	0	21.09	20.19	PASS
		12	6	21.08	20.15	PASS
		12	13	20.98	20.07	PASS
		25	0	21.04	20.08	PASS
	HCH	1	0	22.71	21.79	PASS
		1	12	23.24	22.22	PASS
		1	24	22.95	22.02	PASS
		12	0	21.84	20.76	PASS
		12	6	21.93	20.91	PASS
		12	13	21.91	20.87	PASS
		25	0	21.88	20.87	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.47	22.47	PASS
		1	24	23.67	22.81	PASS
		1	49	23.37	22.65	PASS
		25	0	22.51	21.43	PASS
		25	12	22.58	21.51	PASS
		25	25	22.51	21.49	PASS
		50	0	22.51	21.46	PASS
	MCH	1	0	22.46	21.84	PASS
		1	24	22.20	21.56	PASS
		1	49	21.85	21.18	PASS
		25	0	21.24	20.23	PASS
		25	12	21.09	20.09	PASS
		25	25	20.99	20.01	PASS
		50	0	21.12	20.12	PASS
	HCH	1	0	22.31	21.50	PASS
		1	24	22.87	22.05	PASS
		1	49	22.92	22.14	PASS
		25	0	21.60	20.54	PASS
		25	12	21.73	20.69	PASS
		25	25	21.84	20.82	PASS
		50	0	21.69	20.69	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.37	22.41	PASS
		1	37	23.53	22.84	PASS
		1	74	22.86	22.16	PASS
		37	0	22.62	21.50	PASS
		37	18	22.55	21.47	PASS
		37	38	22.26	21.26	PASS
		75	0	22.44	21.38	PASS
	MCH	1	0	22.66	21.96	PASS
		1	37	22.28	21.47	PASS
		1	74	21.81	21.01	PASS
		37	0	21.30	20.33	PASS
		37	18	21.13	20.12	PASS
		37	38	21.00	19.99	PASS
		75	0	21.17	20.11	PASS
	HCH	1	0	21.85	21.06	PASS
		1	37	22.71	21.91	PASS
		1	74	22.89	22.00	PASS
		37	0	21.26	20.21	PASS
		37	18	21.53	20.46	PASS
		37	38	21.74	20.68	PASS
		75	0	21.55	20.47	PASS

## Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.31	22.27	PASS
		1	49	23.61	22.79	PASS
		1	99	22.20	21.31	PASS
		50	0	22.47	21.43	PASS
		50	25	22.38	21.36	PASS
		50	50	21.94	20.92	PASS
		100	0	22.22	21.21	PASS
	MCH	1	0	22.83	22.20	PASS
		1	49	22.27	21.54	PASS
		1	99	21.74	21.08	PASS
		50	0	21.45	20.48	PASS
		50	25	21.09	20.09	PASS
		50	50	21.00	20.01	PASS
		100	0	21.22	20.21	PASS
	HCH	1	0	21.50	20.72	PASS
		1	49	22.32	21.58	PASS
		1	99	22.55	21.77	PASS
		50	0	20.99	19.93	PASS
		50	25	21.30	20.23	PASS
		50	50	21.55	20.58	PASS
		100	0	21.27	20.22	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	3.65	<13	PASS
	MCH	5.12	<13	PASS
	HCH	4.56	<13	PASS
16QAM	LCH	4.64	<13	PASS
	MCH	5.99	<13	PASS
	HCH	5.48	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.14	<13	PASS
	MCH	5.33	<13	PASS
	HCH	4.79	<13	PASS
16QAM	LCH	5.03	<13	PASS
	MCH	6.1	<13	PASS
	HCH	5.6	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.2	<13	PASS
	MCH	5.28	<13	PASS
	HCH	4.91	<13	PASS
16QAM	LCH	4.98	<13	PASS
	MCH	6.05	<13	PASS
	HCH	5.66	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.85	<13	PASS
	MCH	5.39	<13	PASS
	HCH	5.17	<13	PASS
16QAM	LCH	5.57	<13	PASS
	MCH	6.14	<13	PASS
	HCH	6.01	<13	PASS

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

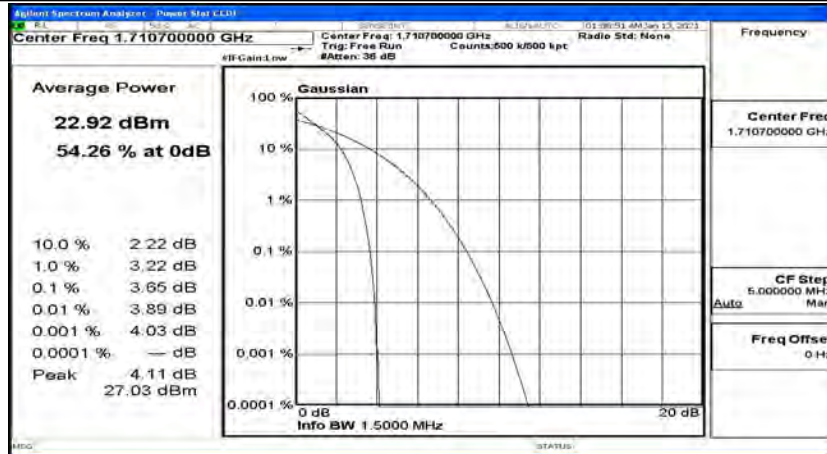
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	4.98	<13	PASS
	HCH	4.95	<13	PASS
16QAM	LCH	6.2	<13	PASS
	MCH	6.19	<13	PASS
	HCH	6.14	<13	PASS

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

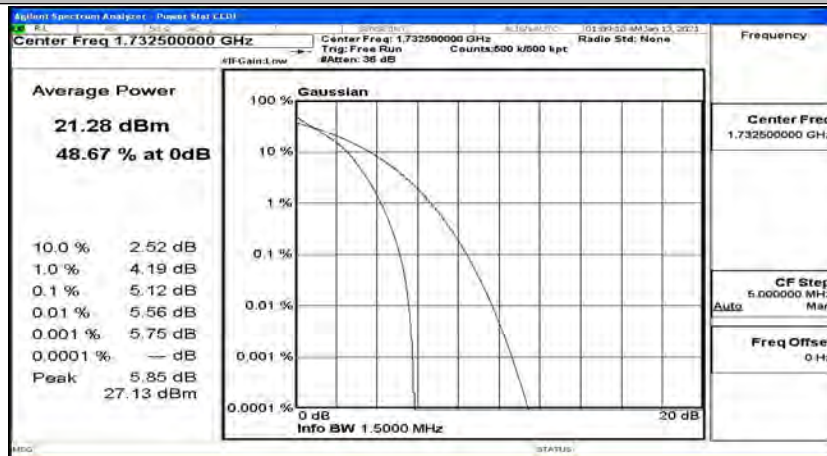
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.77	<13	PASS
	MCH	5.78	<13	PASS
	HCH	5.77	<13	PASS
16QAM	LCH	6.79	<13	PASS
	MCH	6.66	<13	PASS
	HCH	6.68	<13	PASS



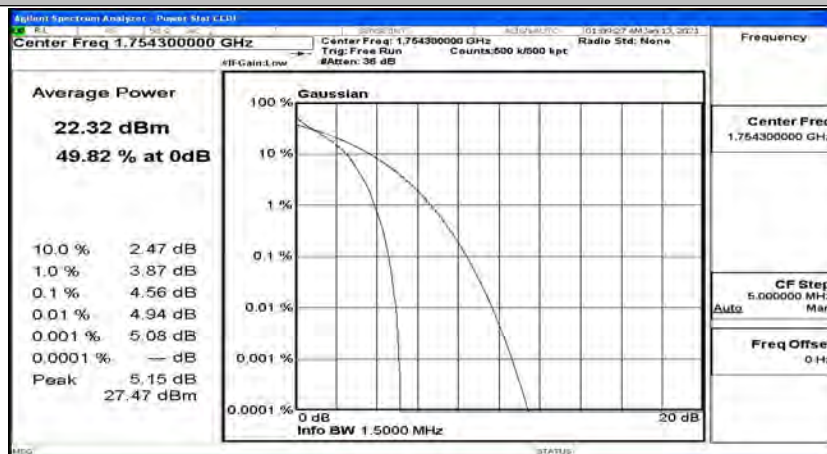
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



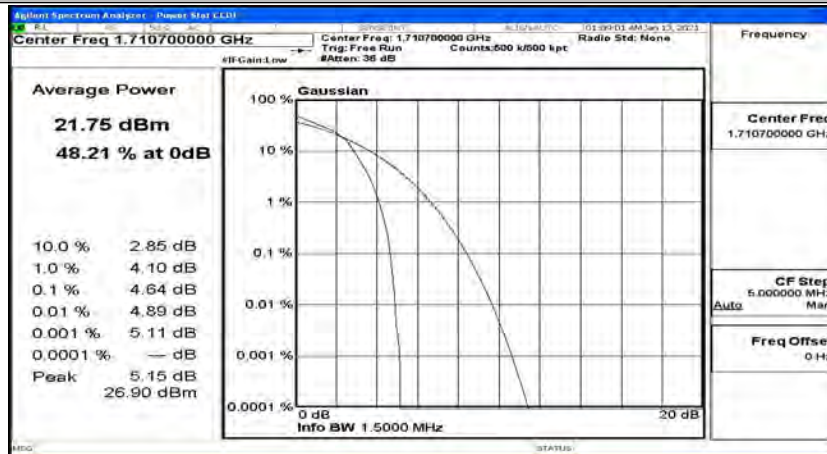
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



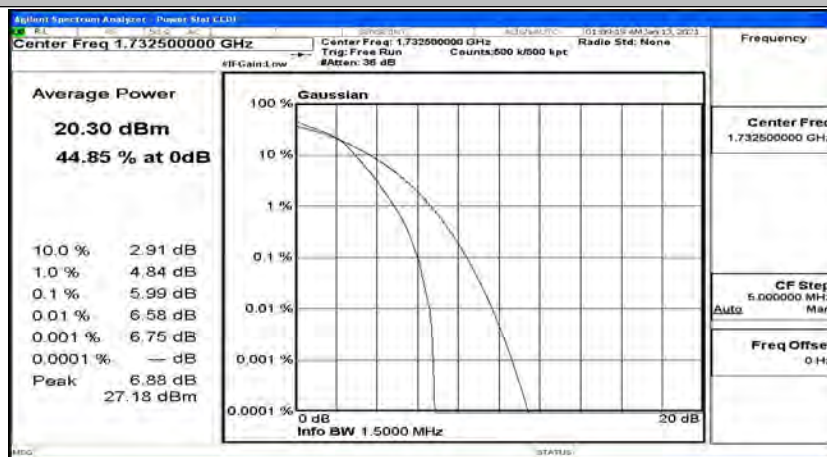
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



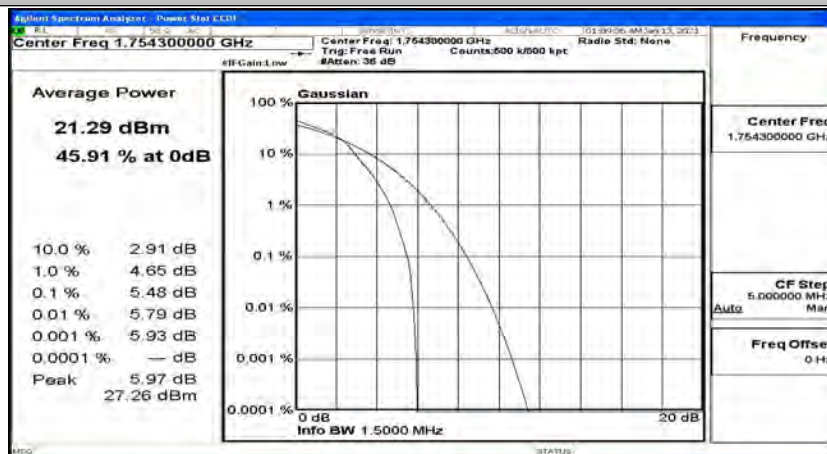
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



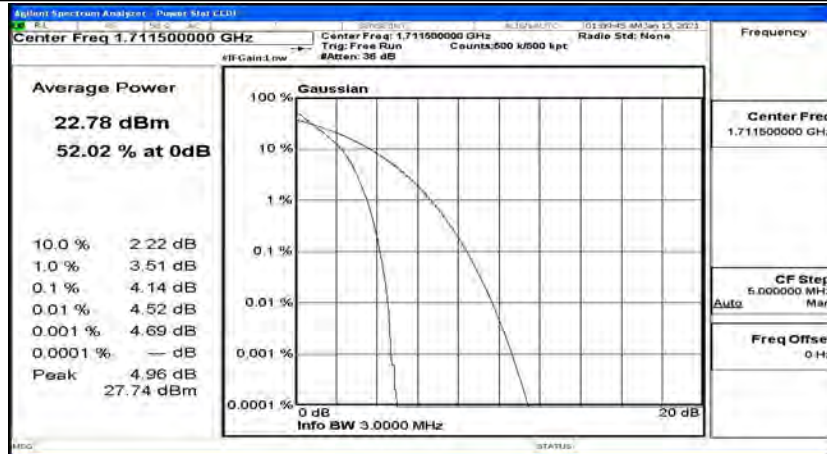
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



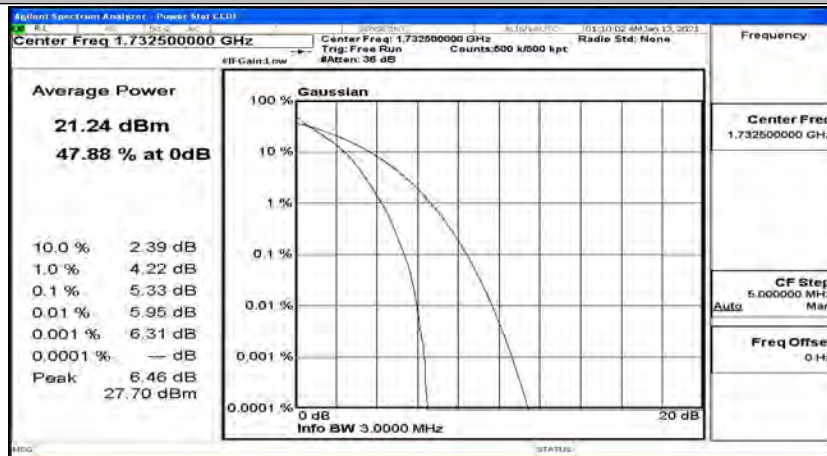
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



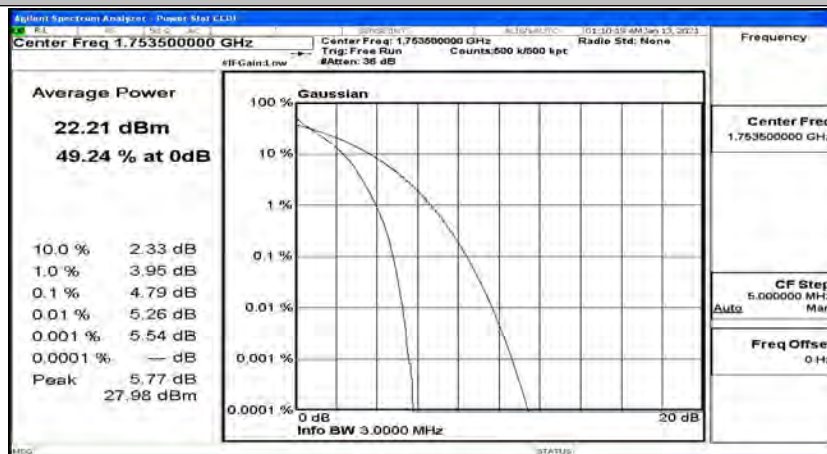
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



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

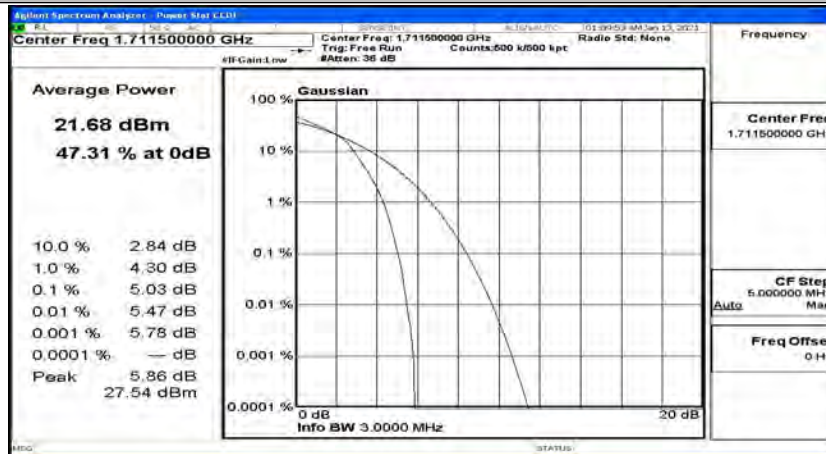


## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK

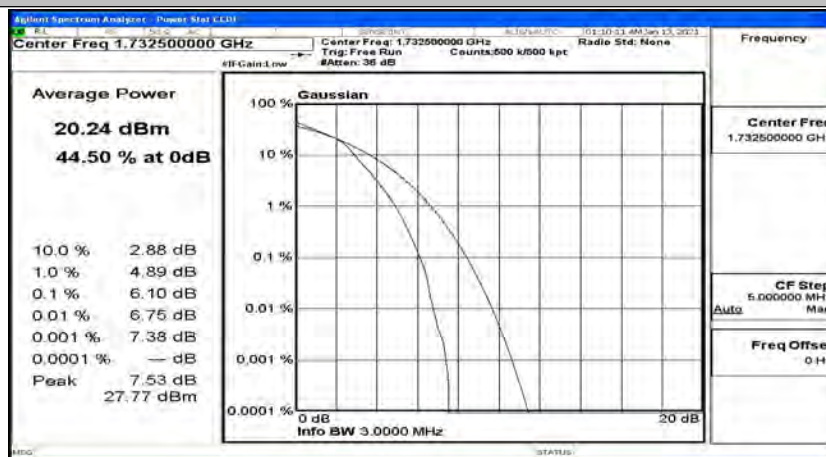




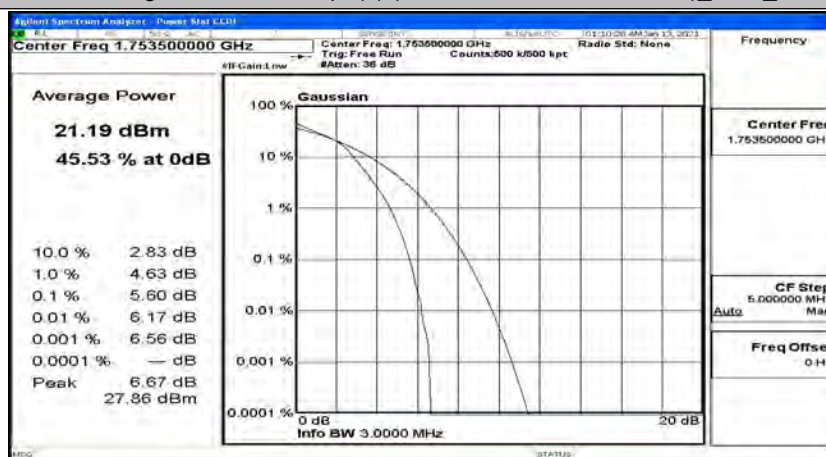
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



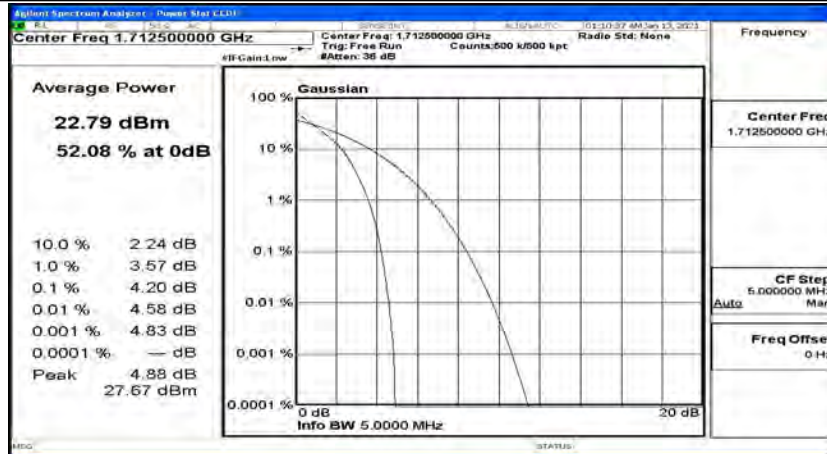
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



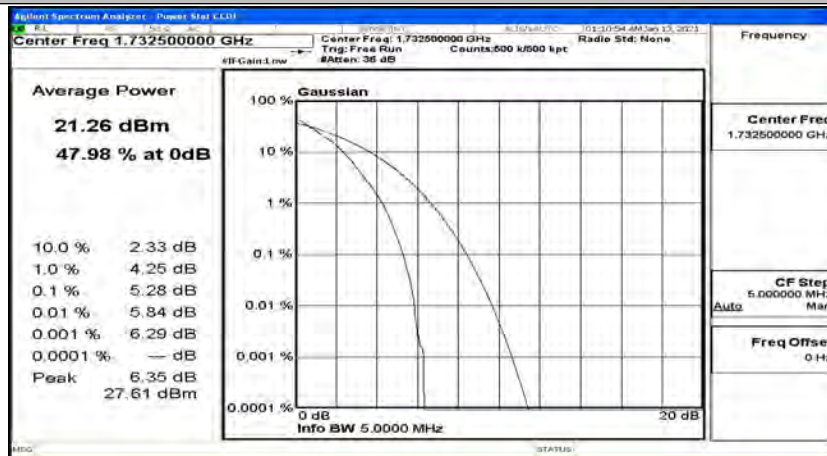
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



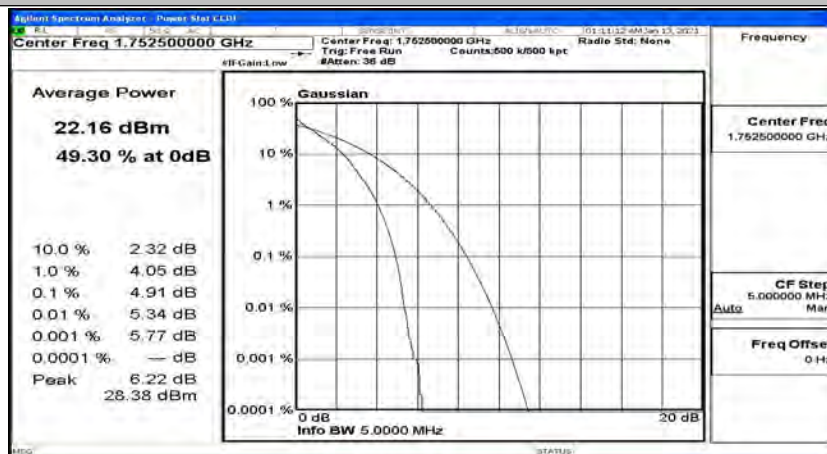
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



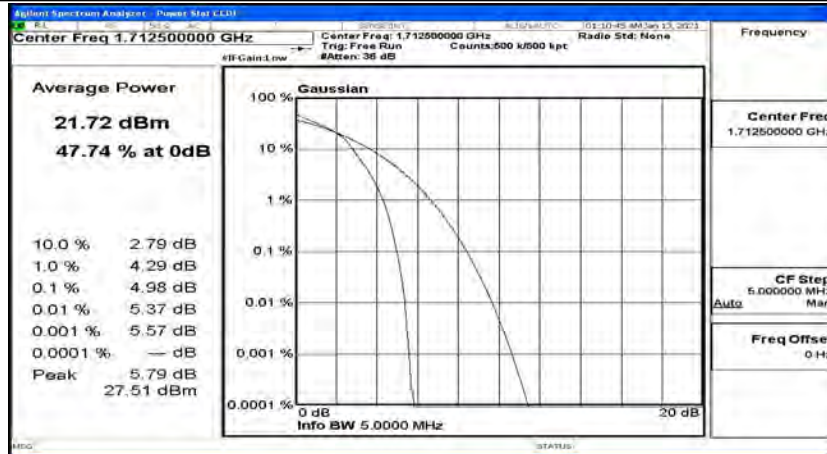
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



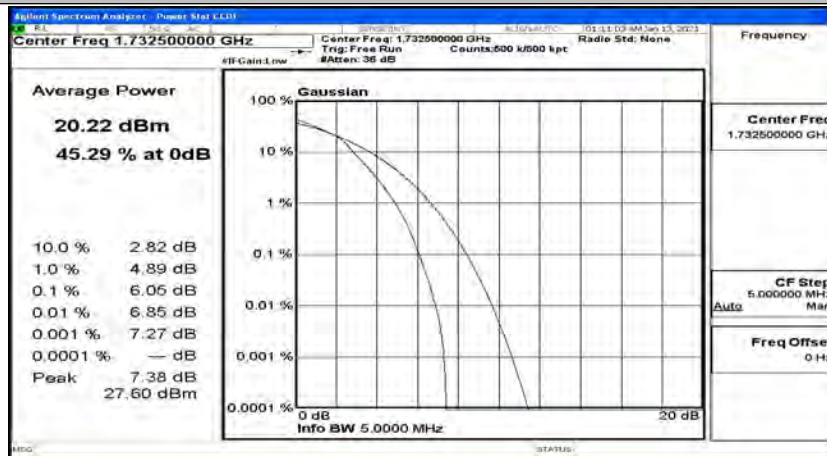
## Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



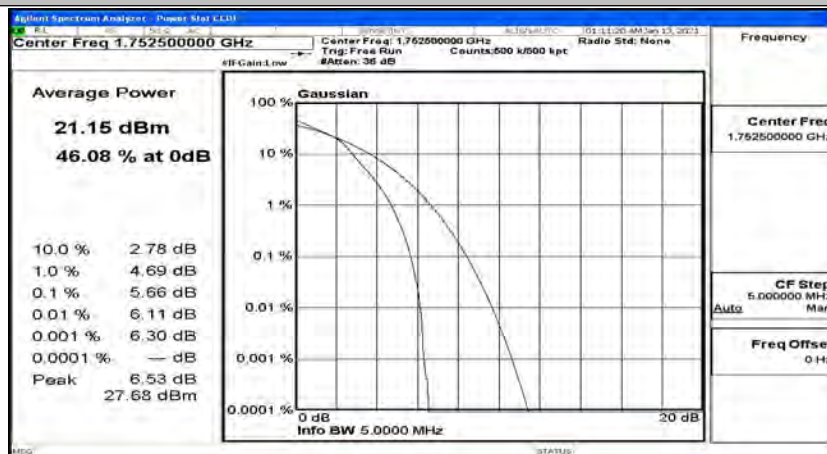
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



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

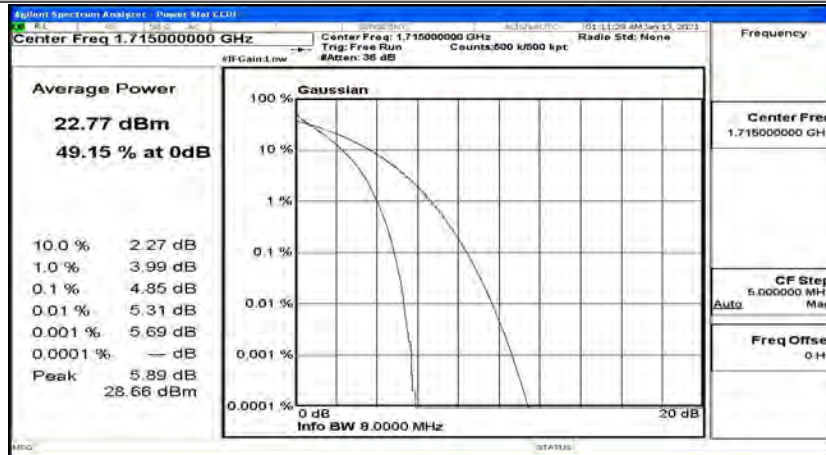


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM

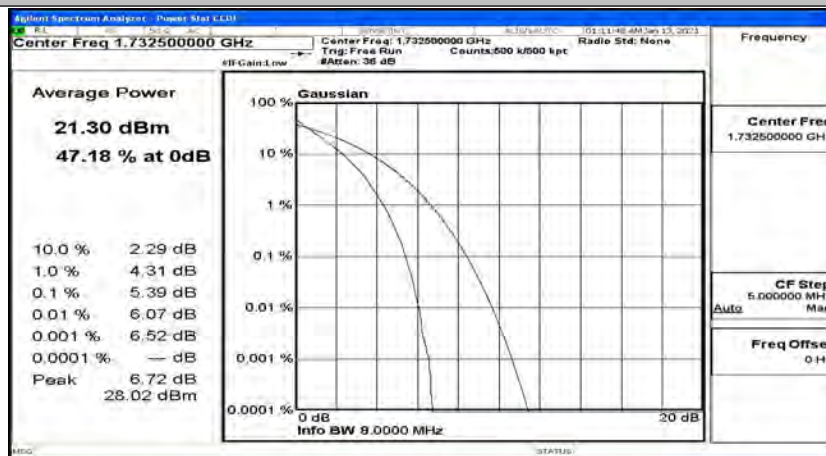




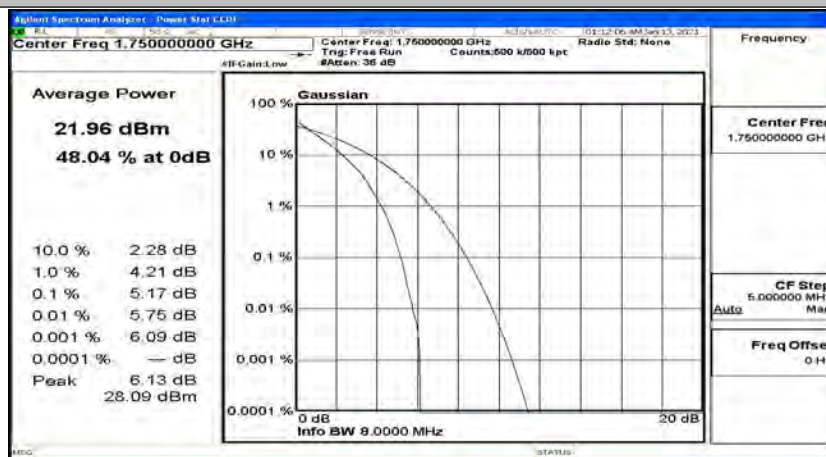
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



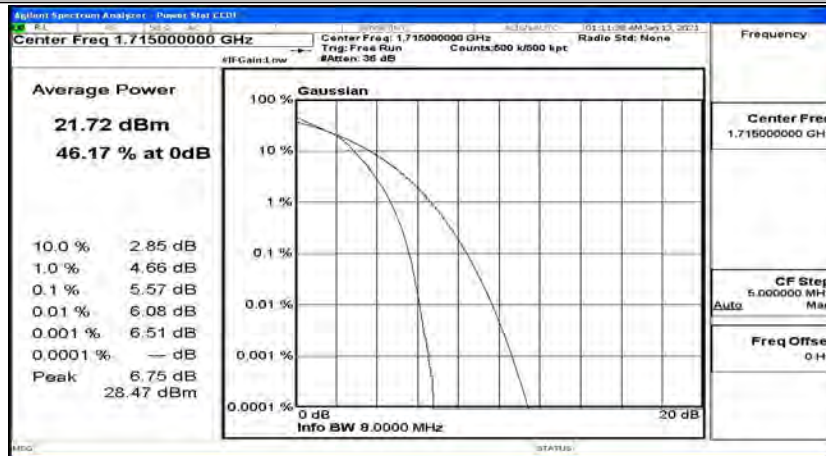
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



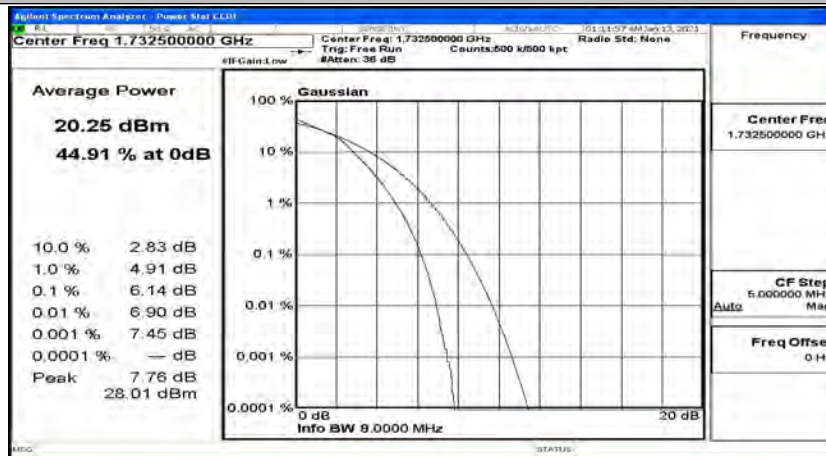
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



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

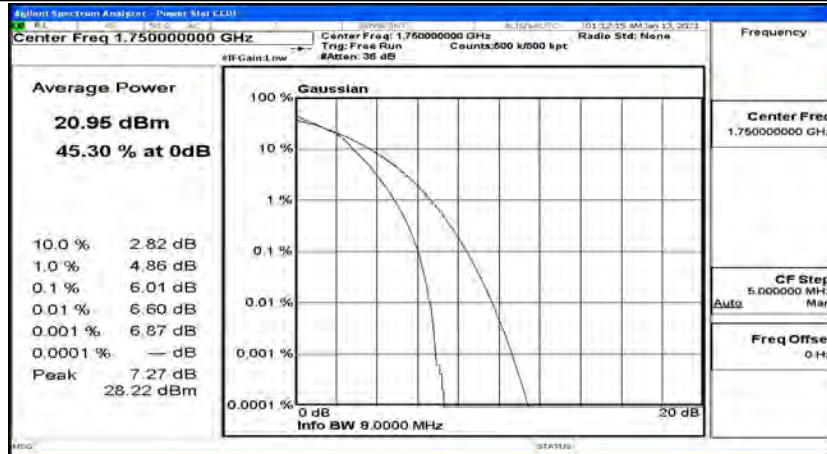


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM

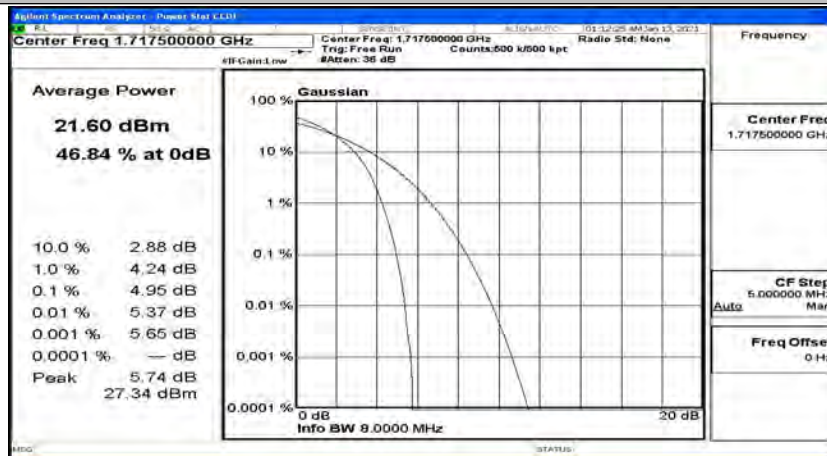




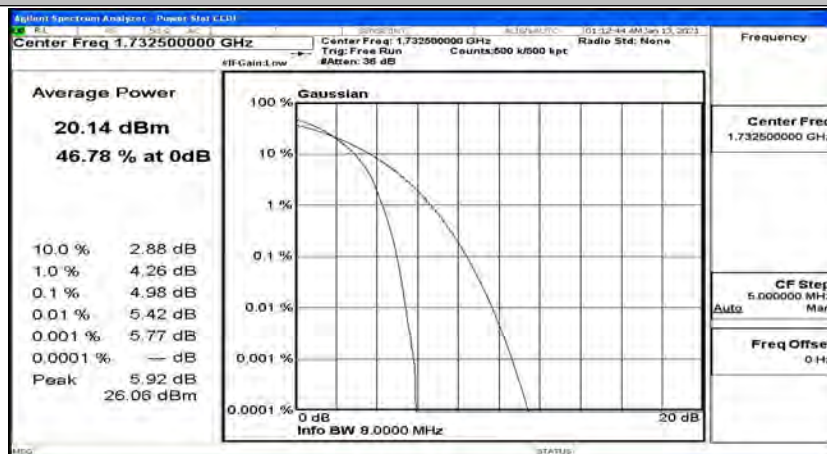
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



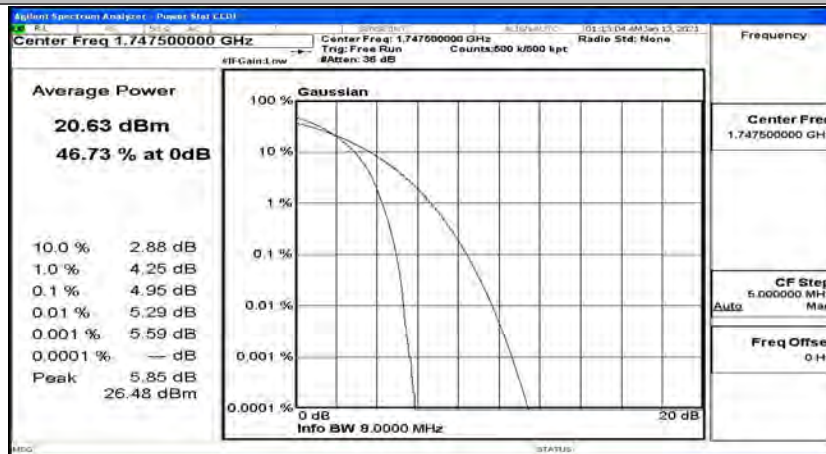
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



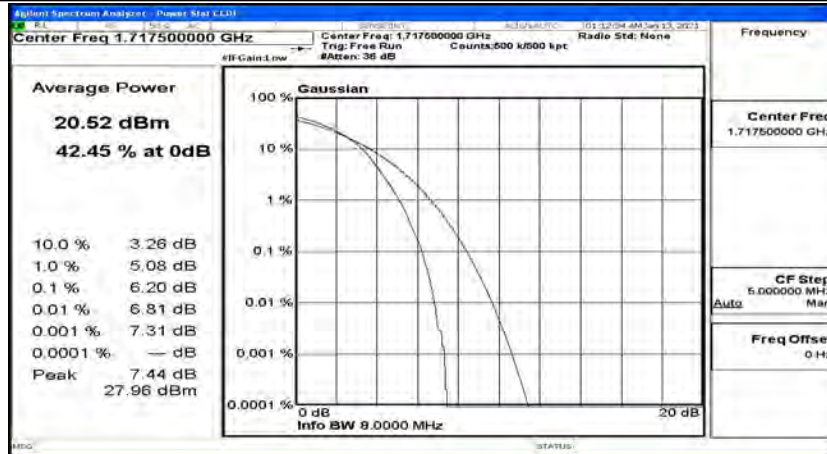
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



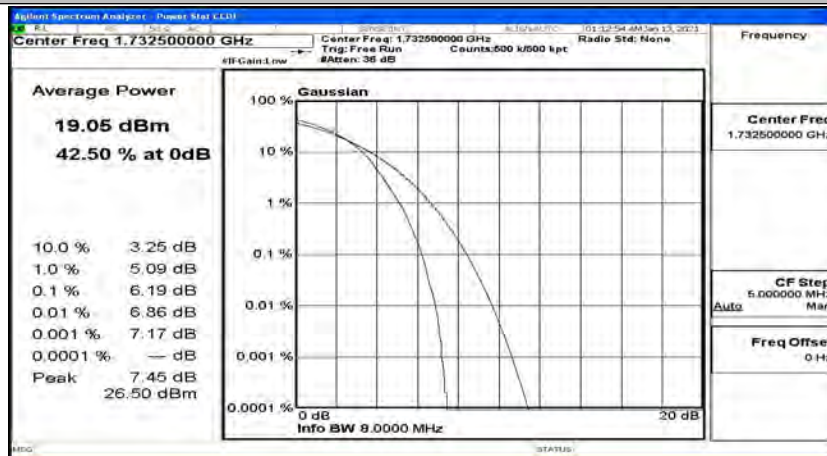
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



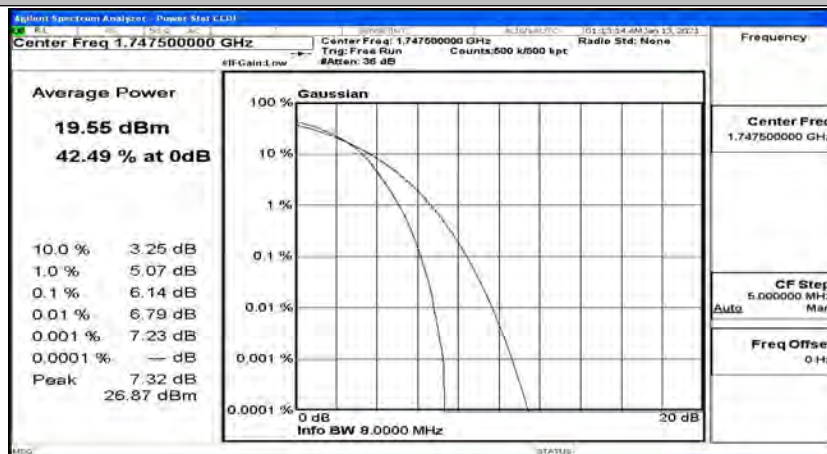
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



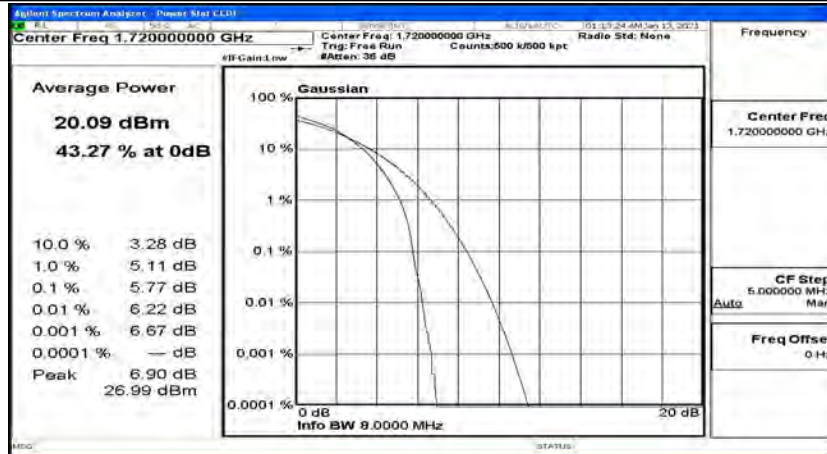
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



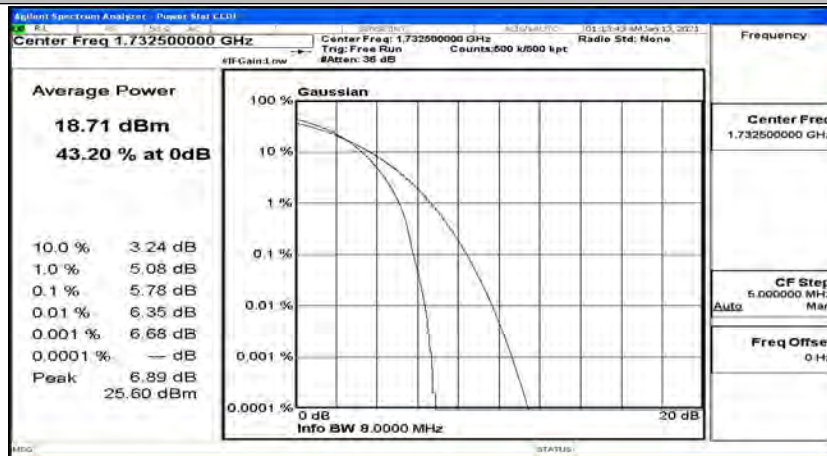
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



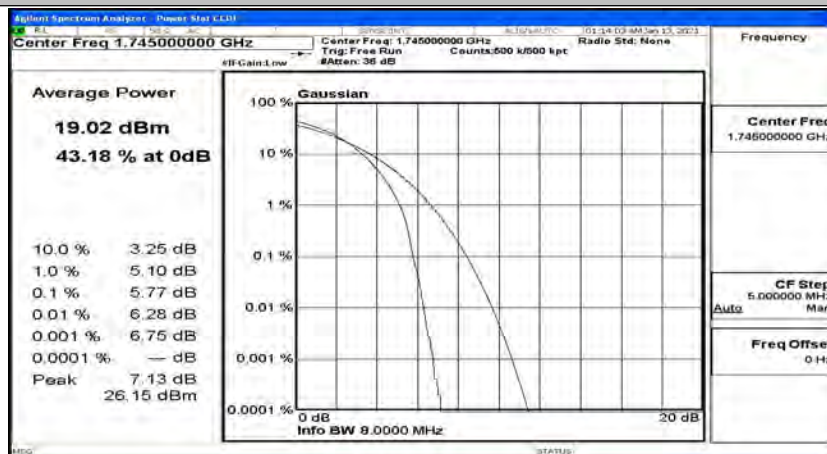
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



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

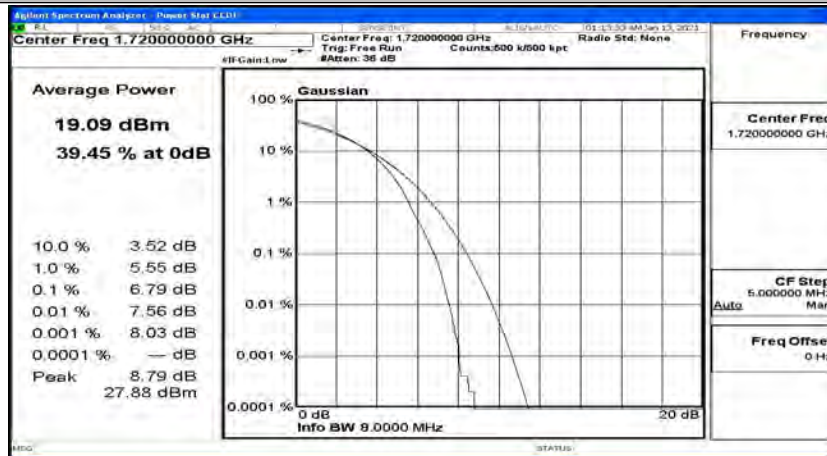


## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK

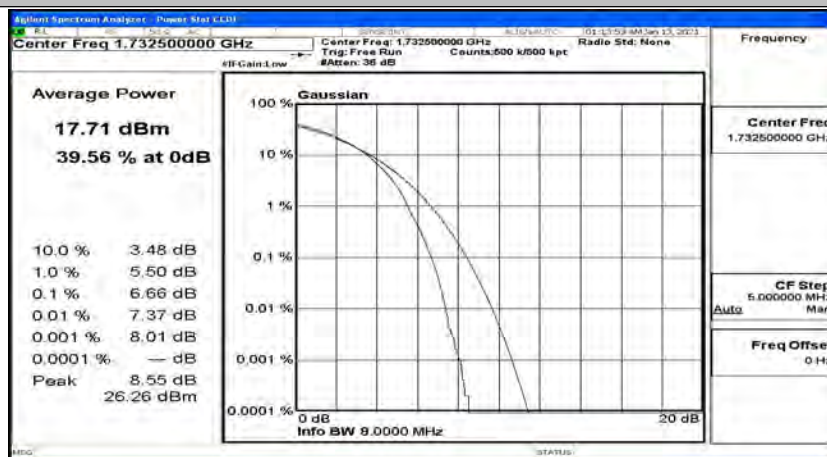




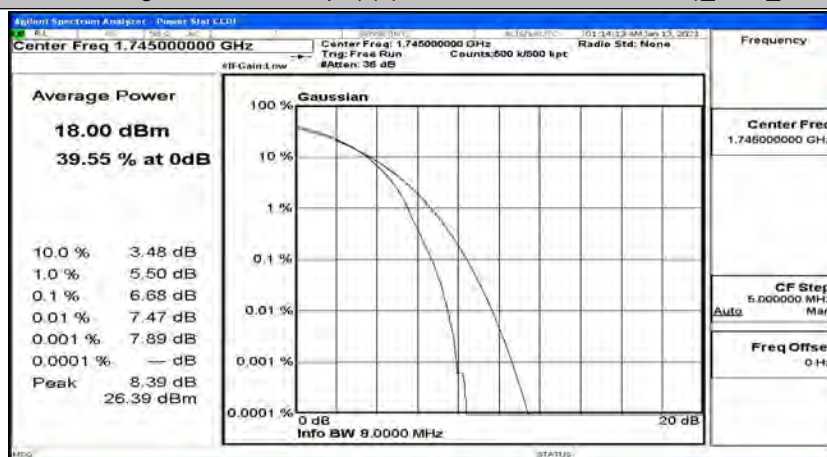
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## 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**

<b>EBW &amp; OBW Test Result (Channel Bandwidth: 1.4 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0788	1.429	PASS
	MCH	1.0736	1.214	PASS
	HCH	1.0778	1.222	PASS
16QAM	LCH	1.0818	1.257	PASS
	MCH	1.0785	1.237	PASS
	HCH	1.0753	1.224	PASS

<b>EBW &amp; OBW Test Result (Channel Bandwidth: 3 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6886	2.998	PASS
	MCH	2.6823	2.837	PASS
	HCH	2.6779	2.827	PASS
16QAM	LCH	2.6826	2.833	PASS
	MCH	2.6832	2.839	PASS
	HCH	2.6786	2.827	PASS

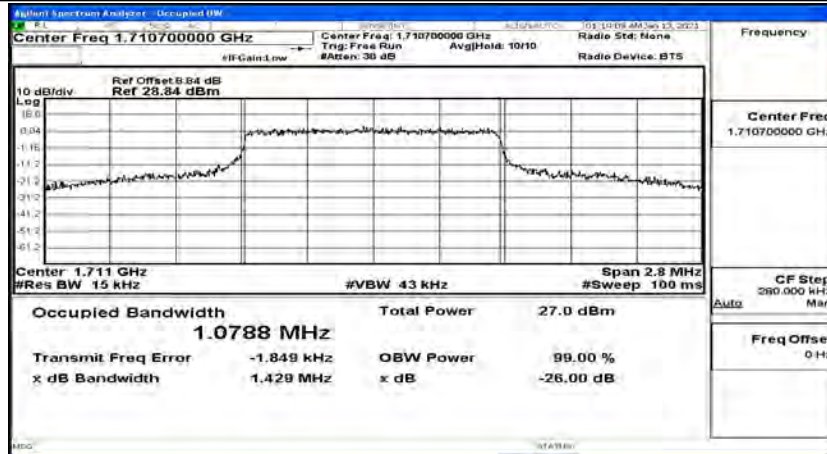
<b>EBW &amp; OBW Test Result (Channel Bandwidth: 5 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4888	5.291	PASS
	MCH	4.4713	4.900	PASS
	HCH	4.4855	4.851	PASS
16QAM	LCH	4.4890	4.943	PASS
	MCH	4.4719	4.793	PASS
	HCH	4.4799	4.873	PASS

<b>EBW &amp; OBW Test Result (Channel Bandwidth: 10 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9443	9.651	PASS
	MCH	8.9482	9.530	PASS
	HCH	8.9481	9.529	PASS
16QAM	LCH	8.9393	9.532	PASS
	MCH	8.9416	9.627	PASS
	HCH	8.9176	9.556	PASS

EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.407	14.28	PASS
	MCH	13.416	14.29	PASS
	HCH	13.408	14.10	PASS
16QAM	LCH	13.384	14.02	PASS
	MCH	13.397	14.19	PASS
	HCH	13.396	14.17	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.853	18.66	PASS
	MCH	17.888	18.74	PASS
	HCH	17.877	18.73	PASS
16QAM	LCH	17.865	18.66	PASS
	MCH	17.863	18.61	PASS
	HCH	17.864	18.64	PASS

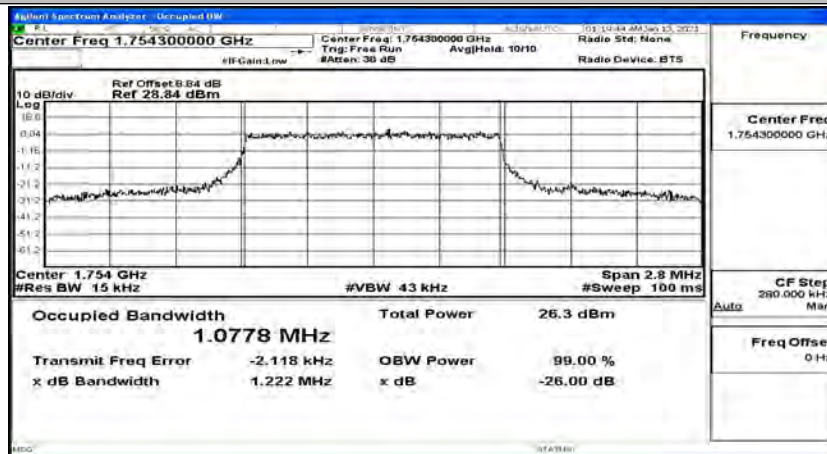
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



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

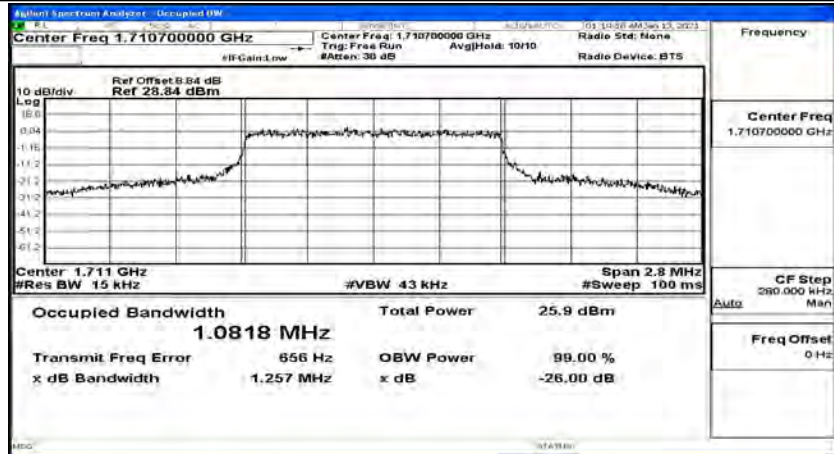


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK





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



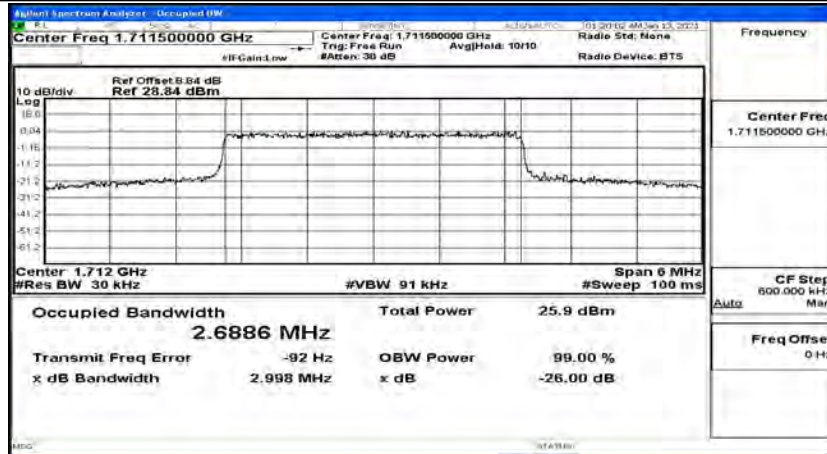
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



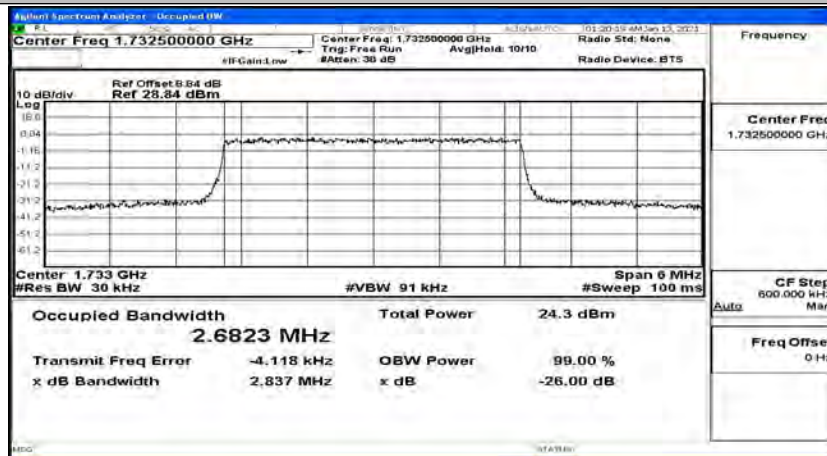
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



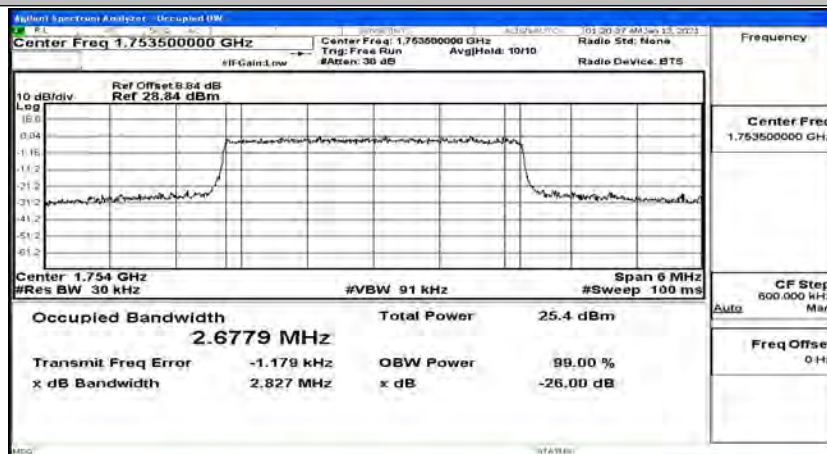
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



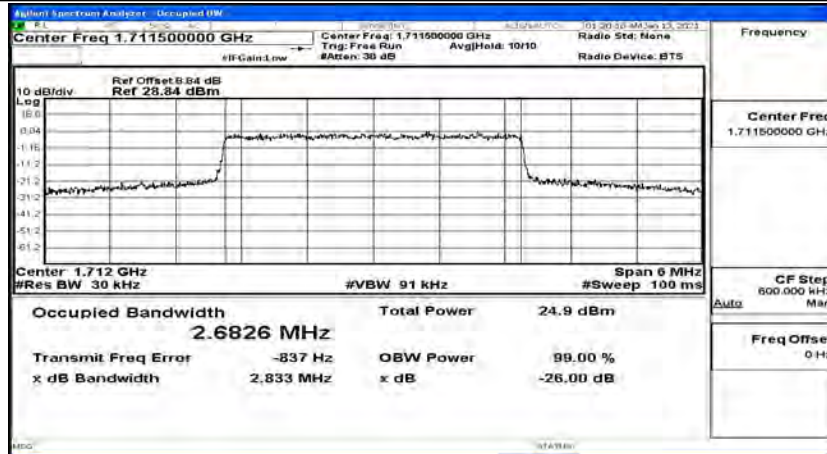
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



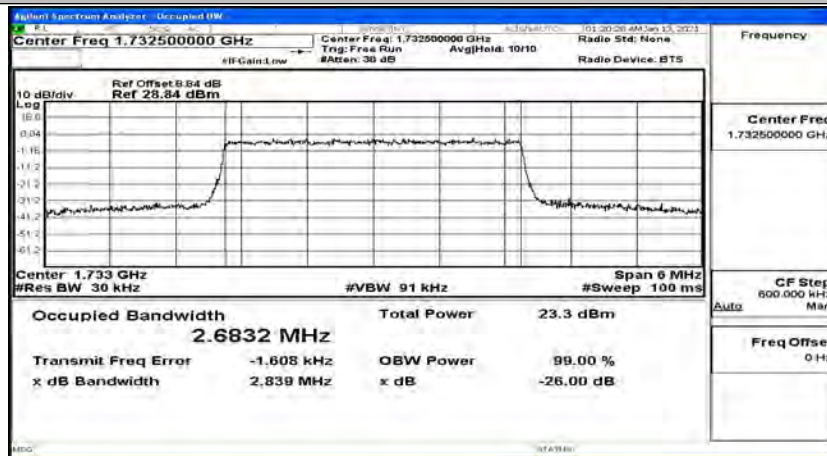
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



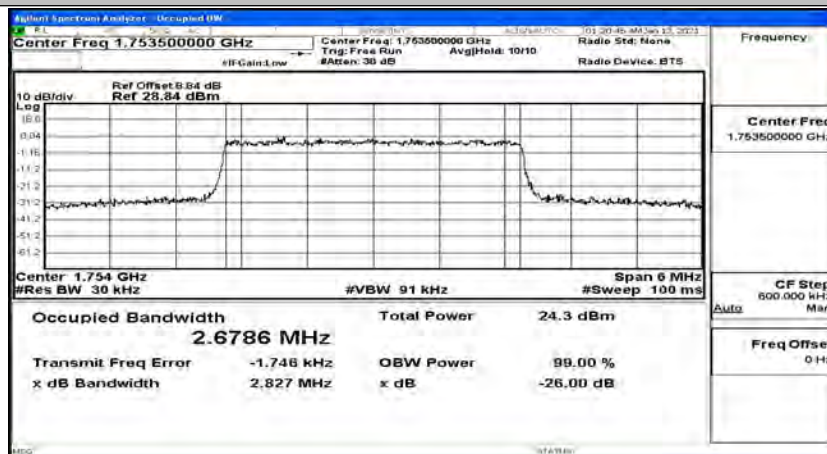
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



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

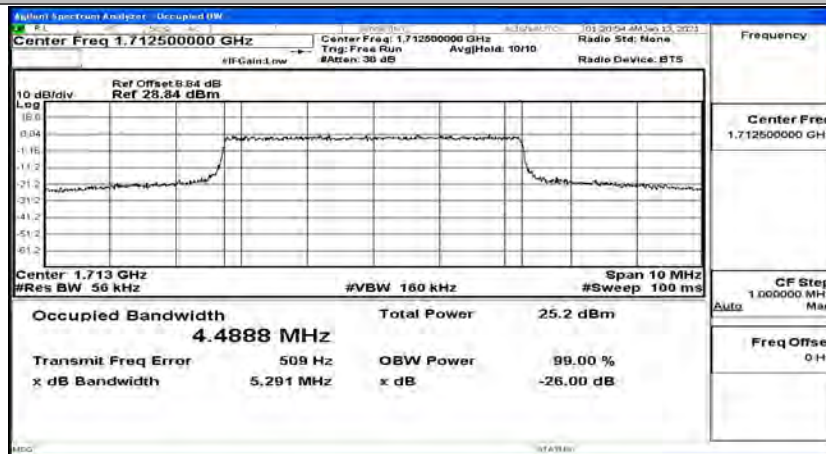


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM

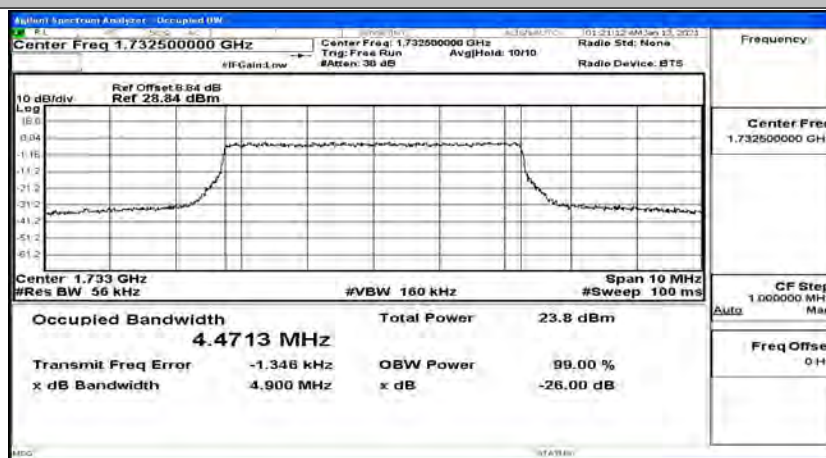




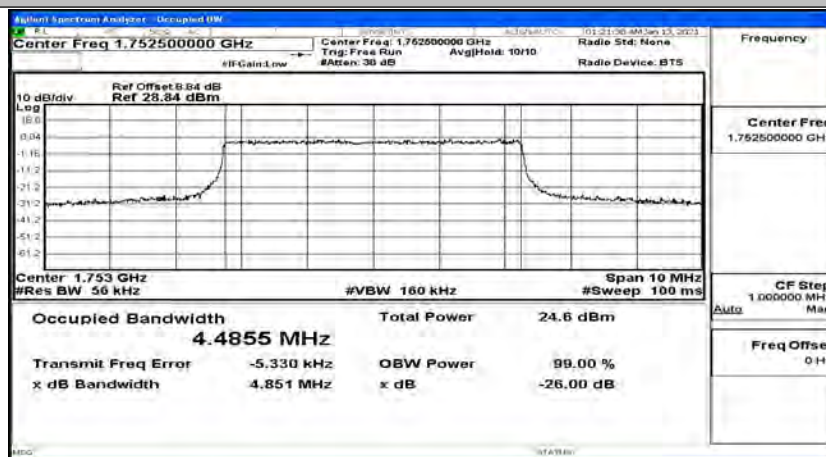
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



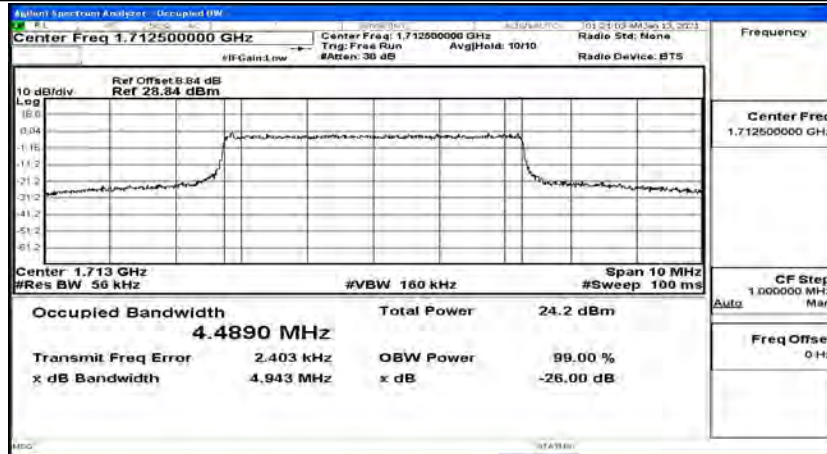
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



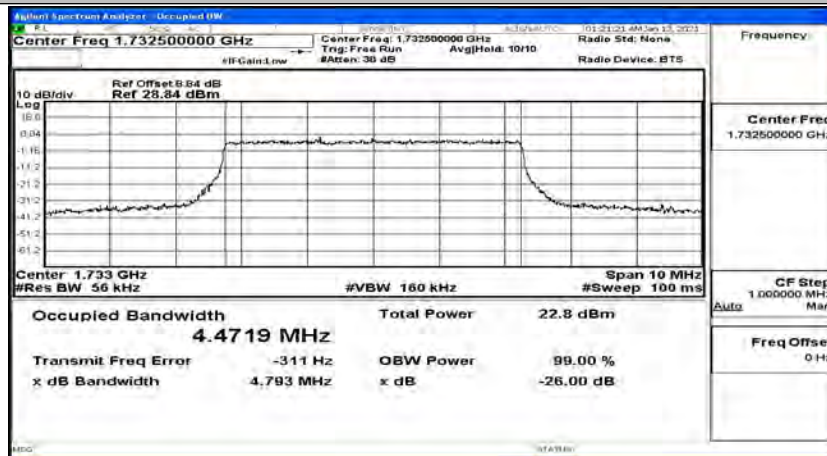
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



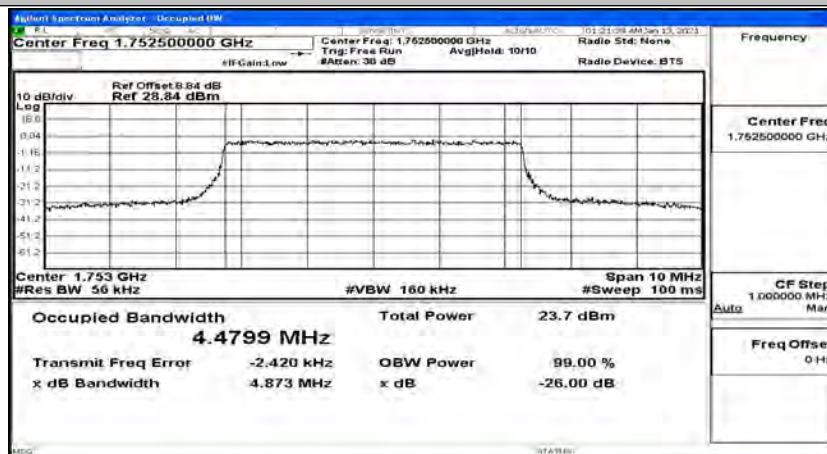
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



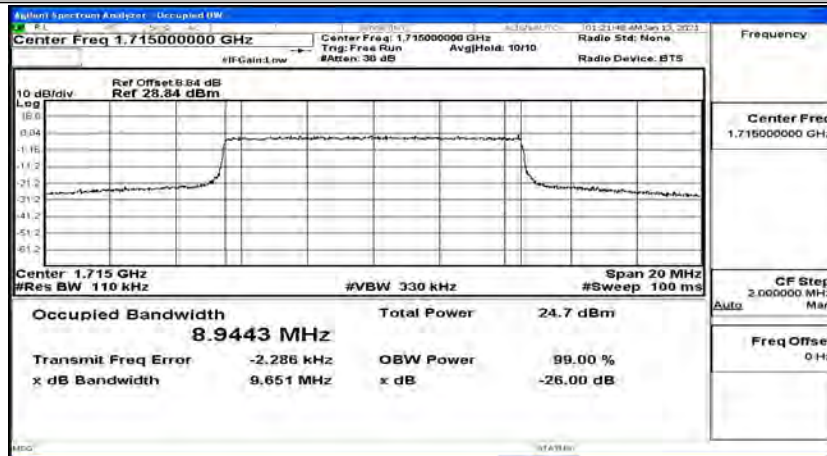
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



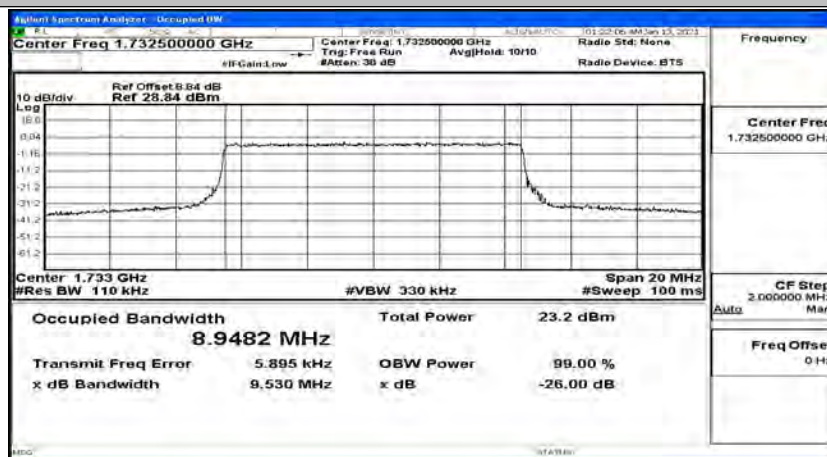
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



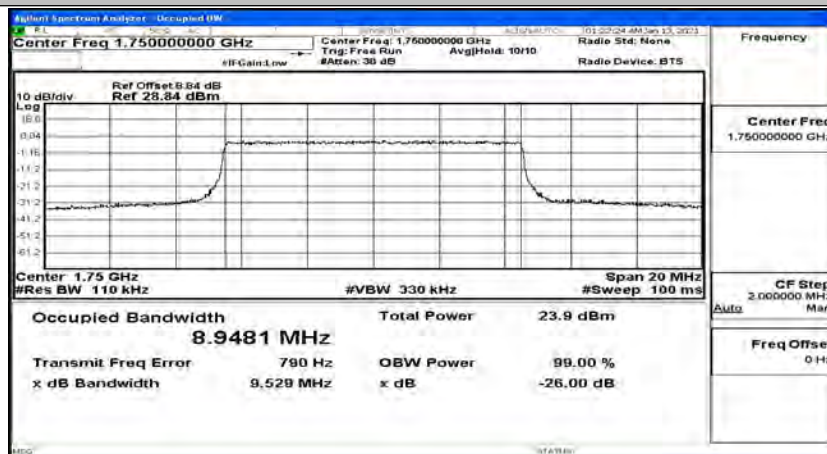
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



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

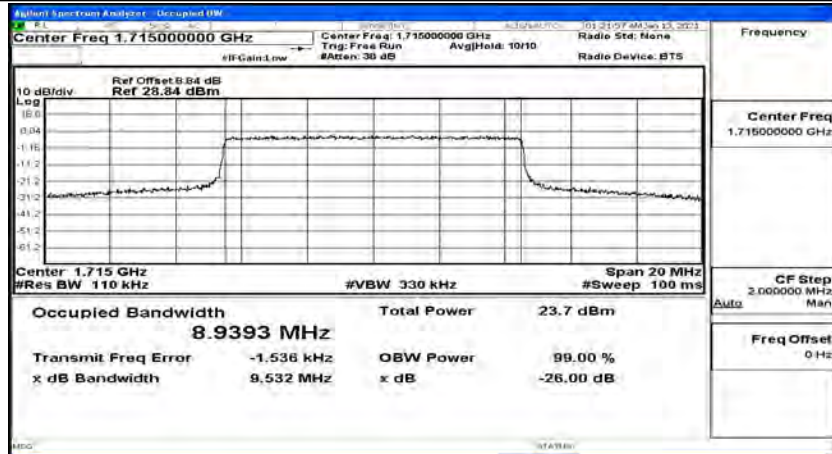


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK





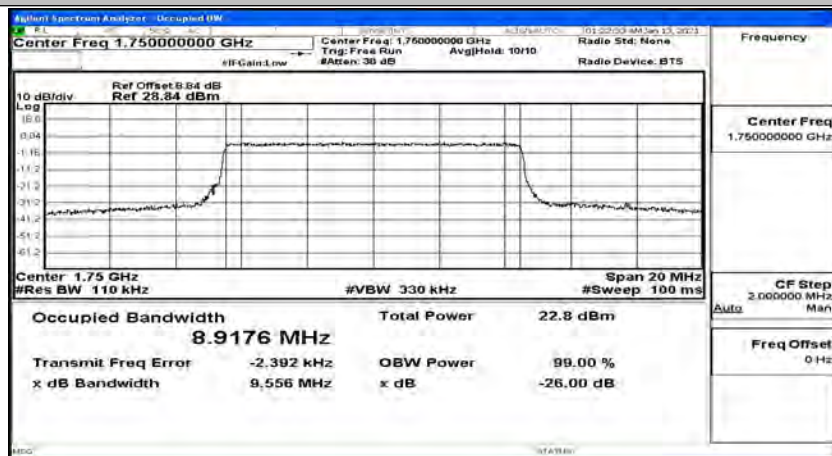
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



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



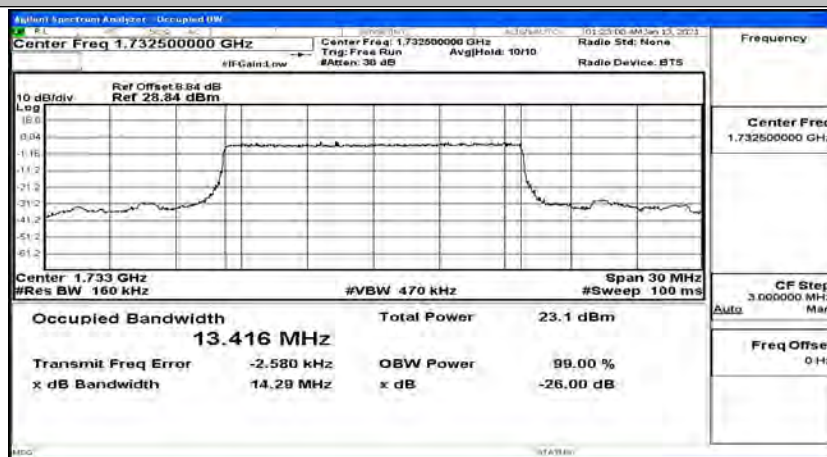
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



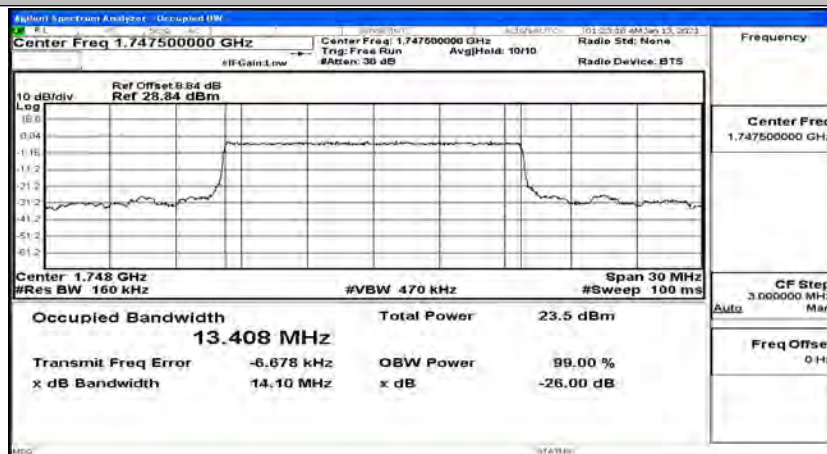
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



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



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

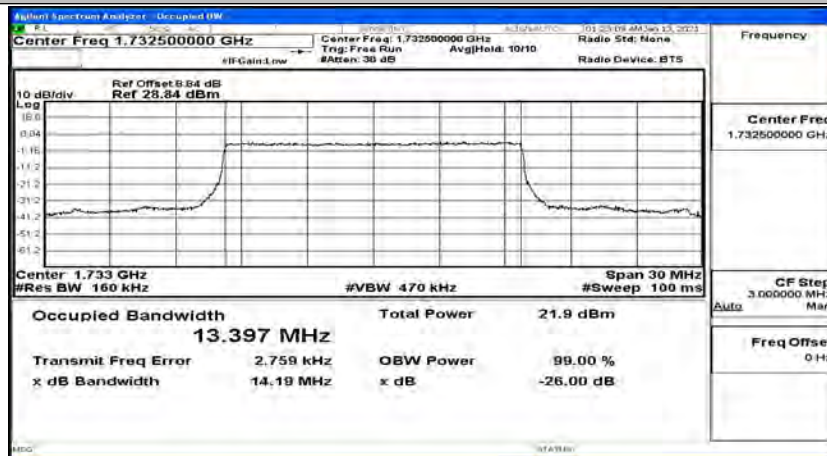




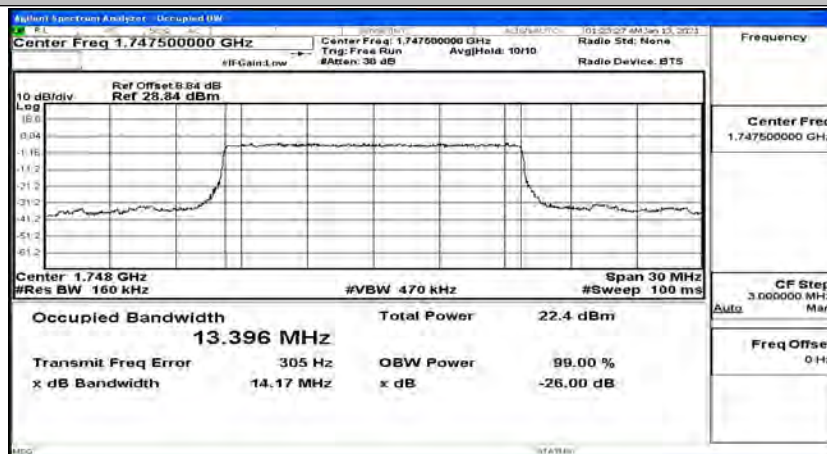
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



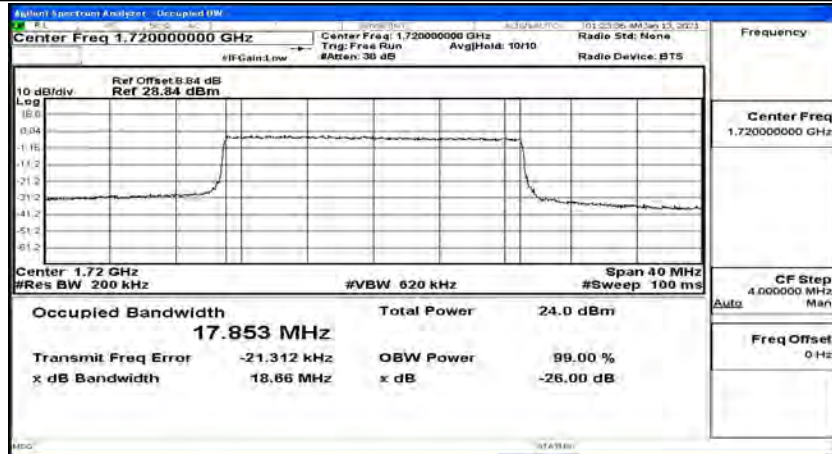
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



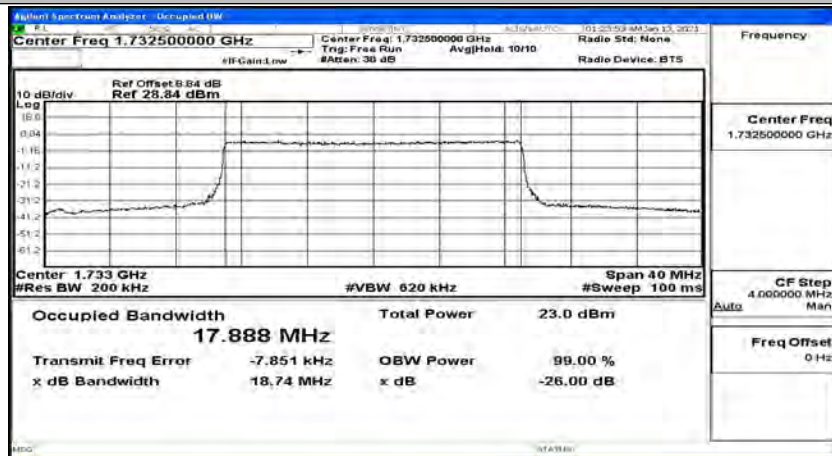
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



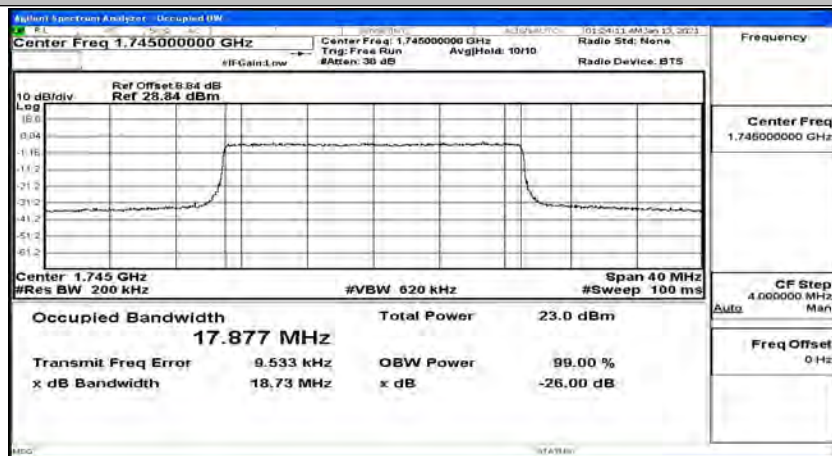
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



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



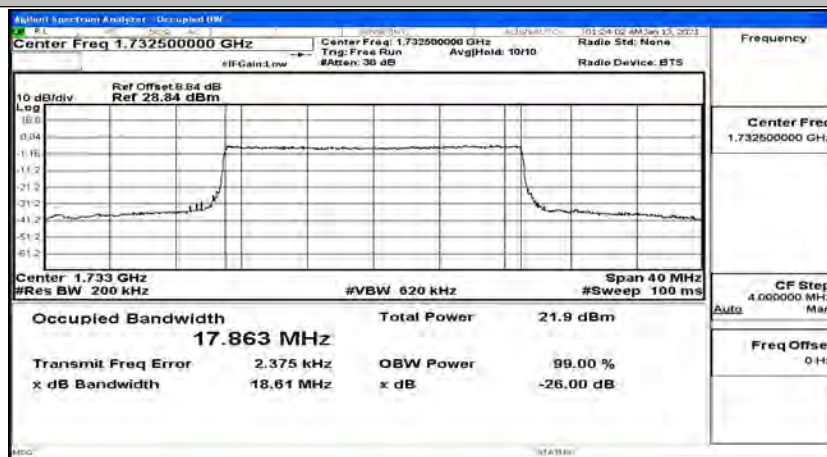
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



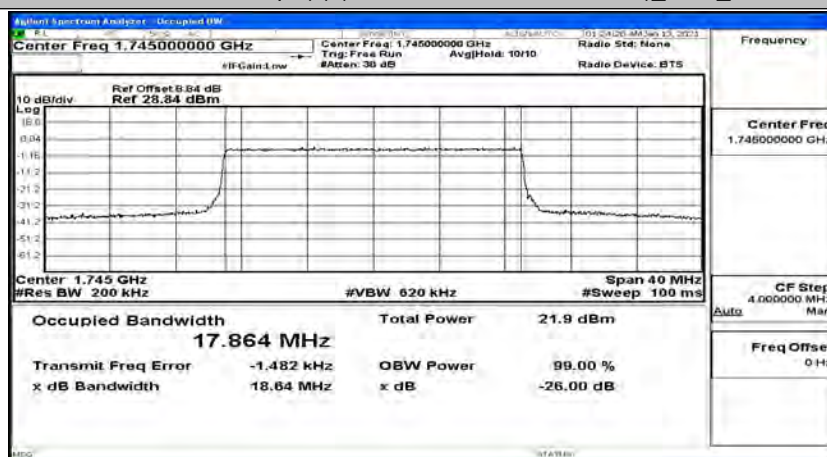
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



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



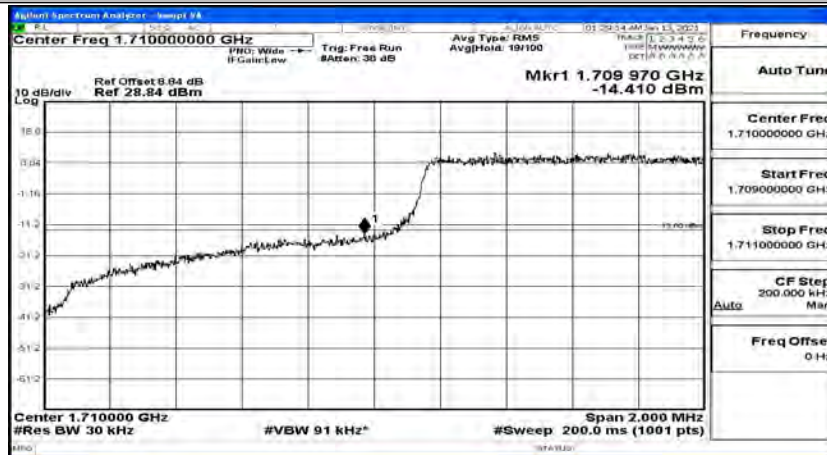
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



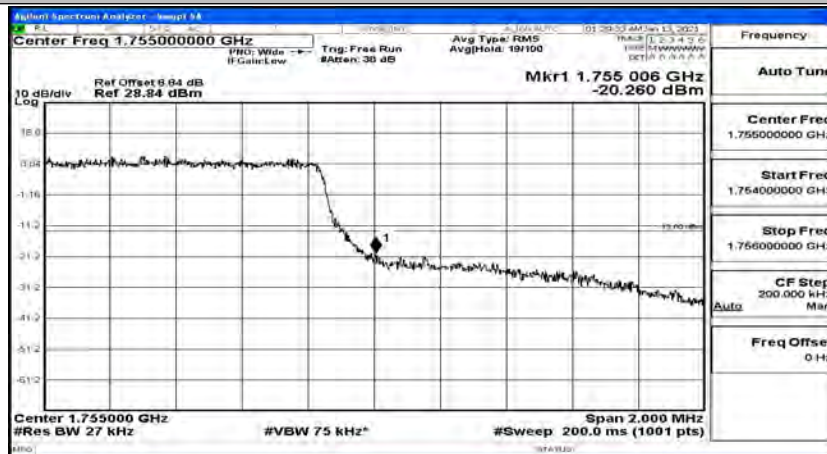


## E.4 Band Edge

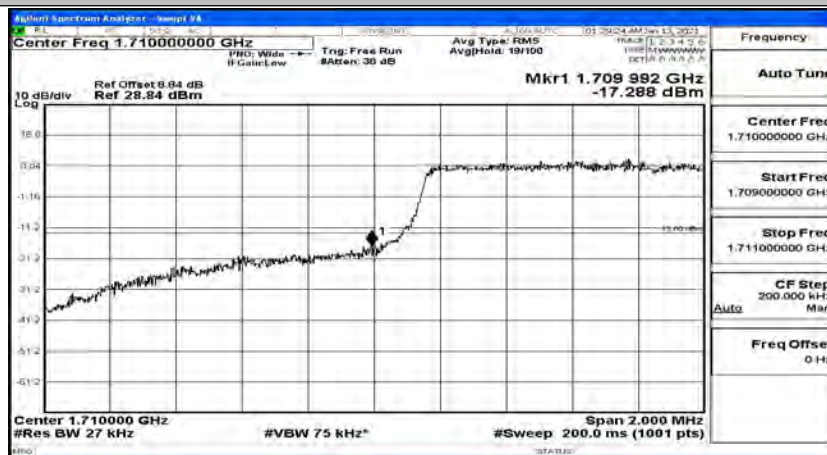
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



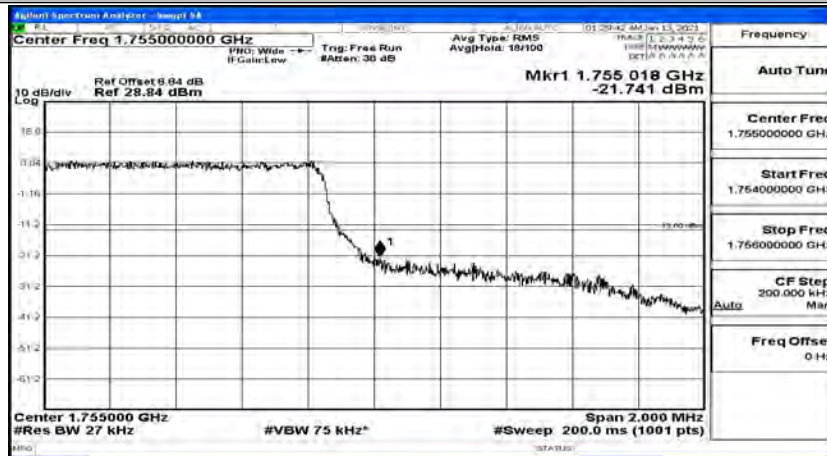
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



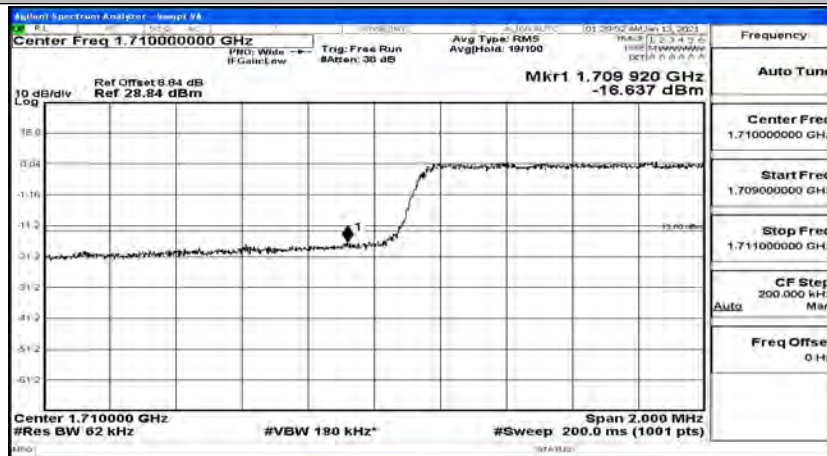
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



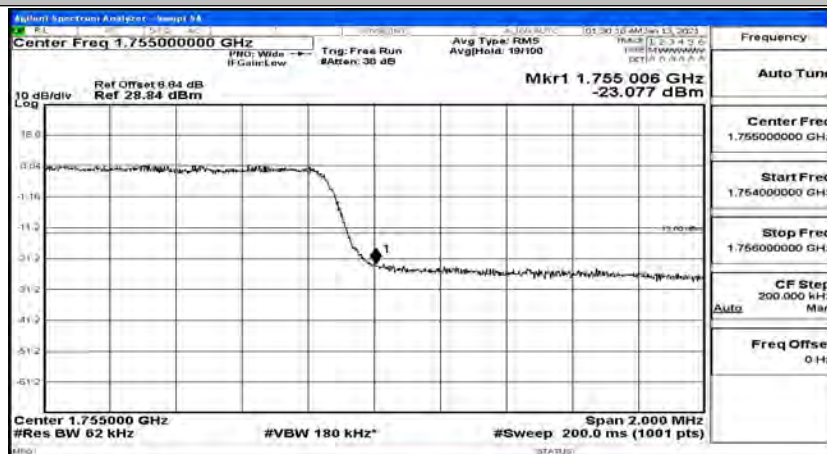
## Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



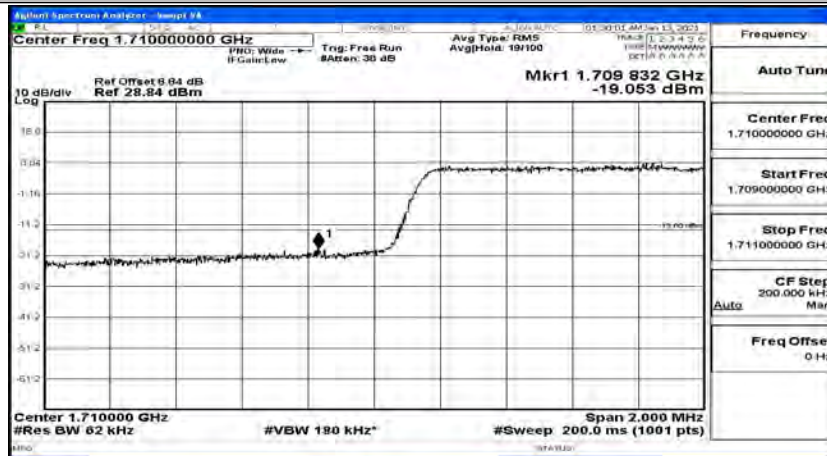
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



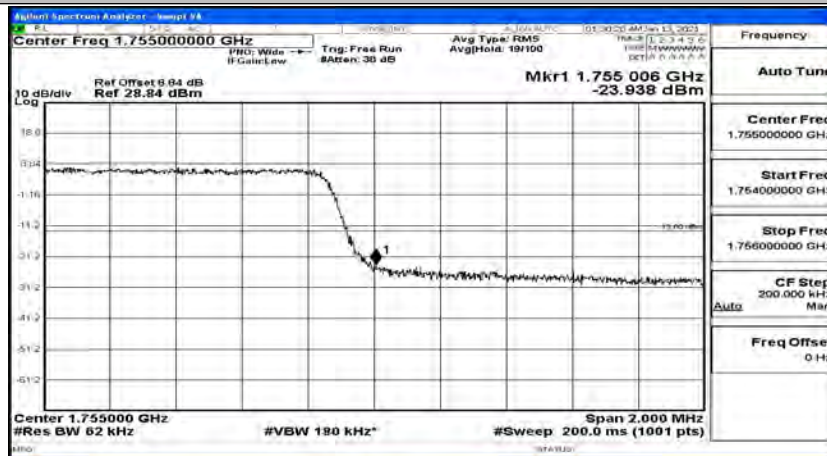
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



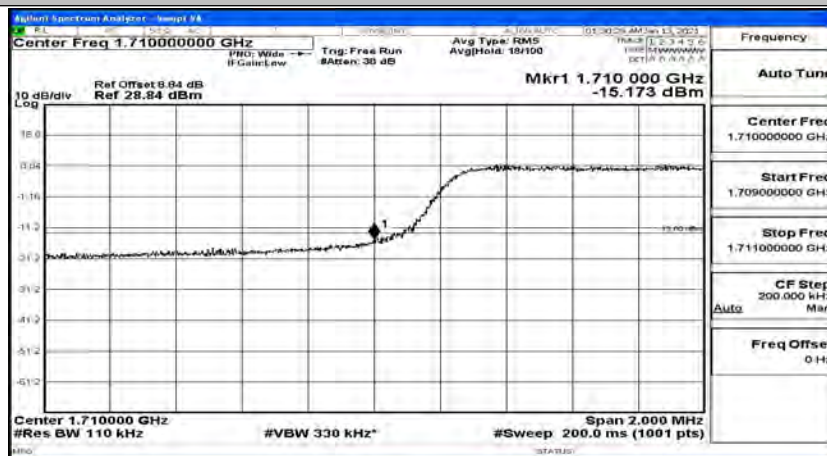
## Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



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



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

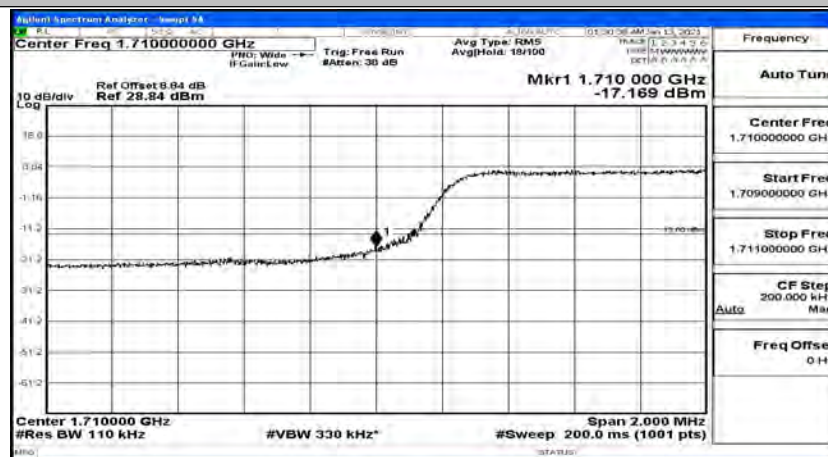




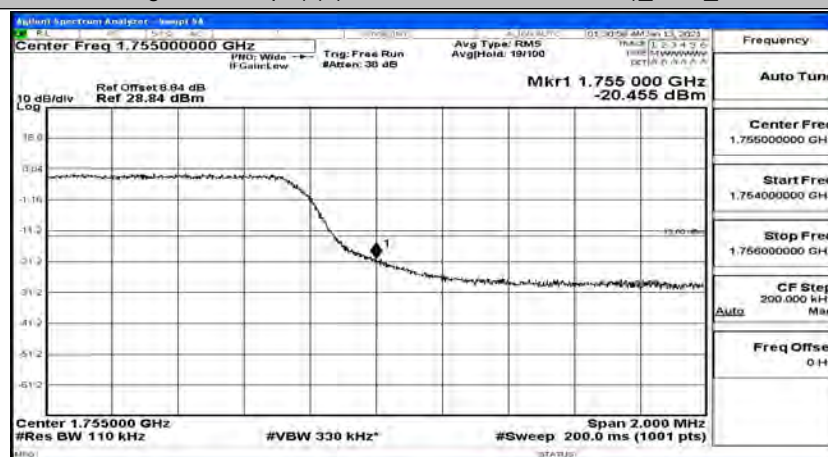
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



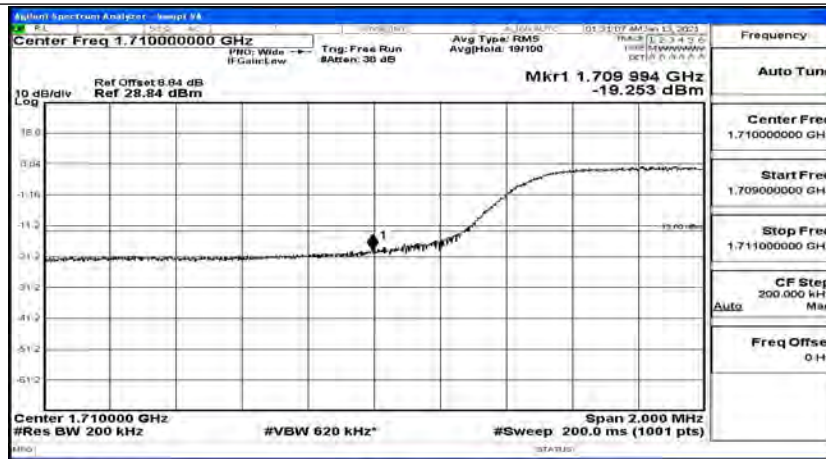
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



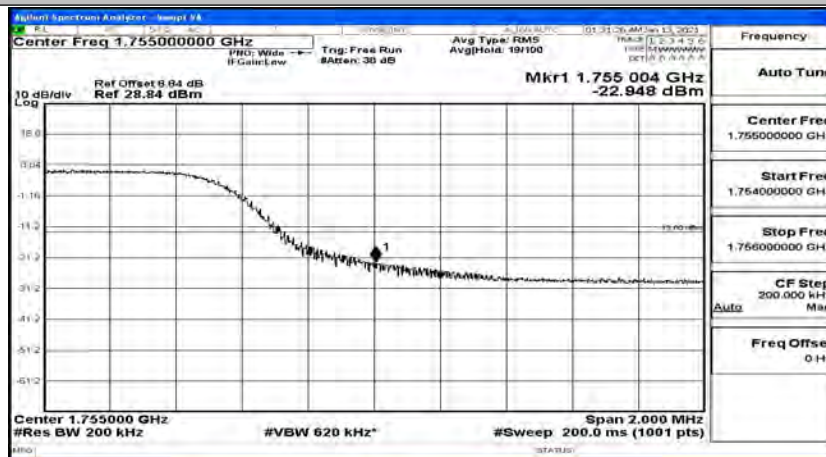
## Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



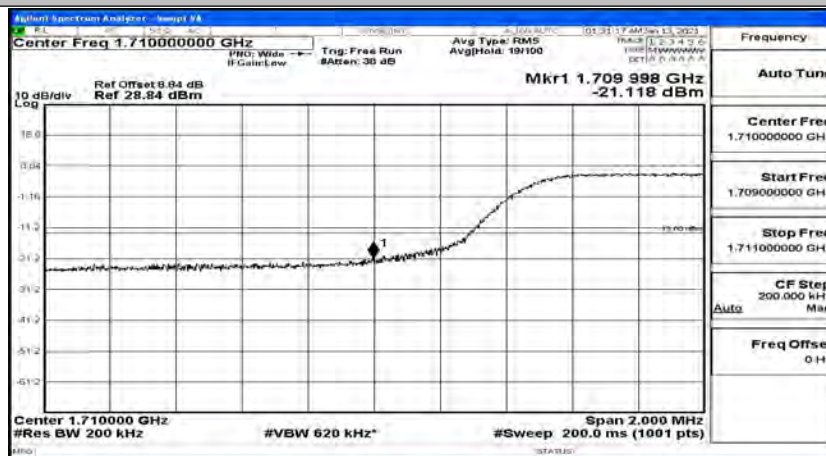
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



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

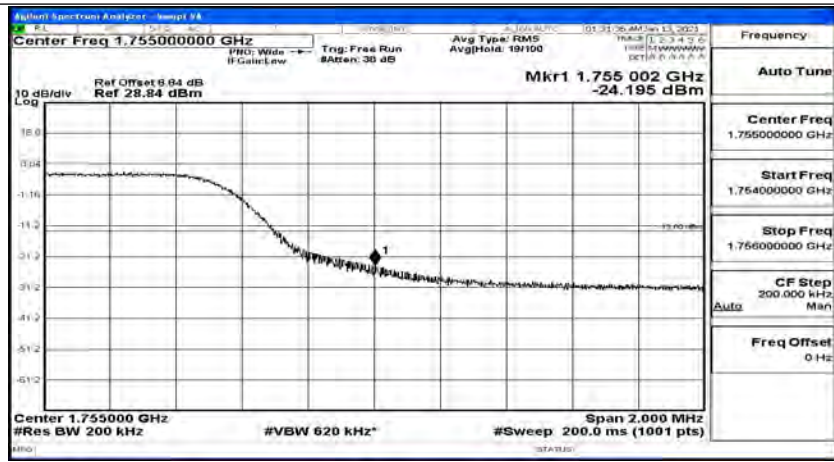


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



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

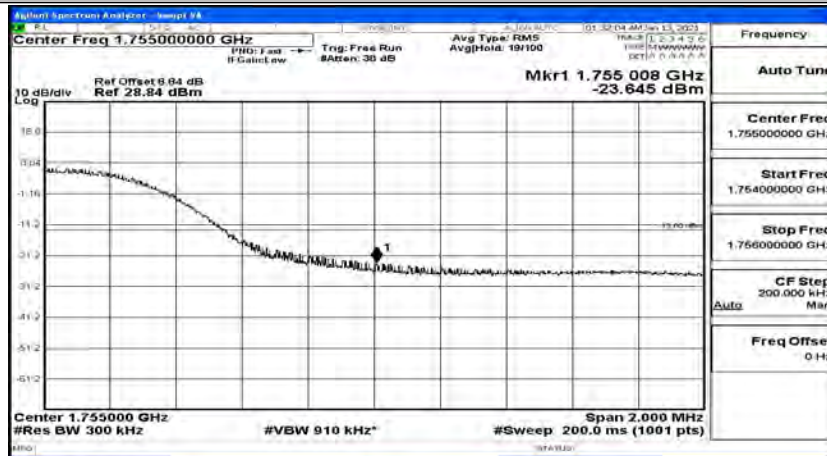




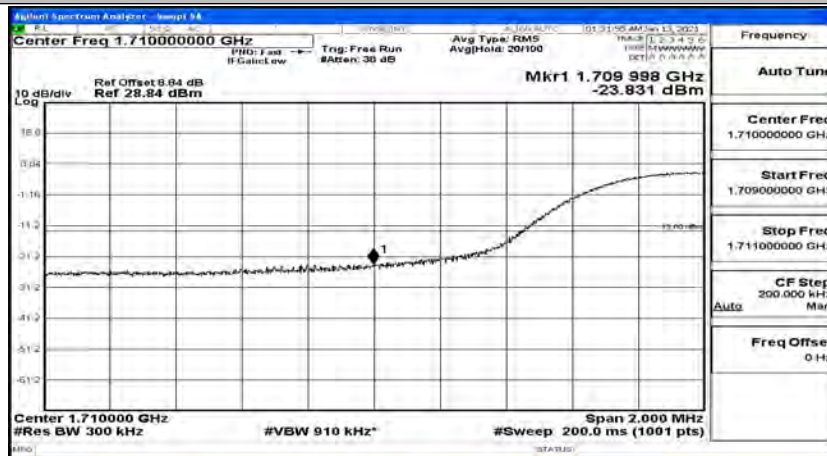
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



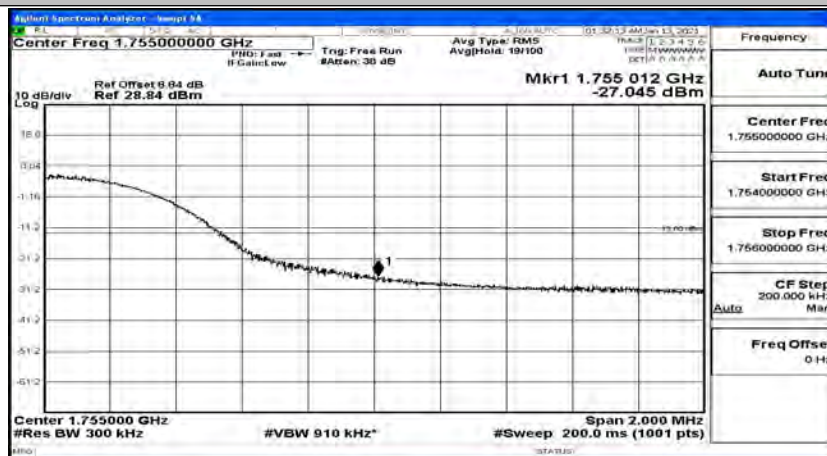
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



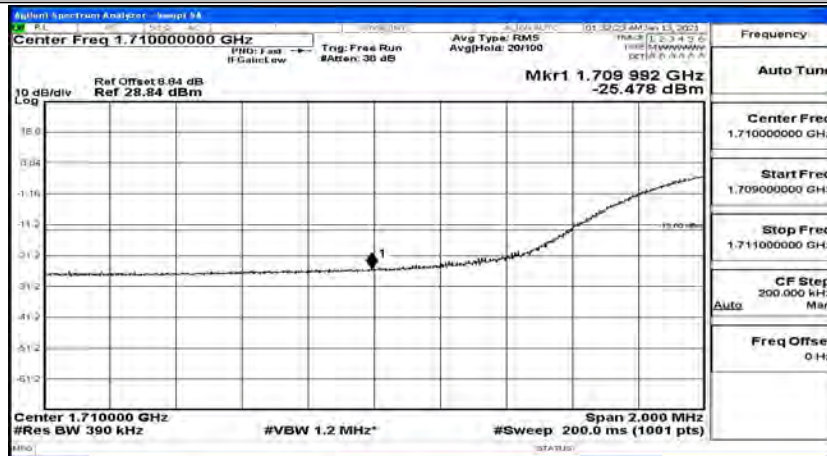
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



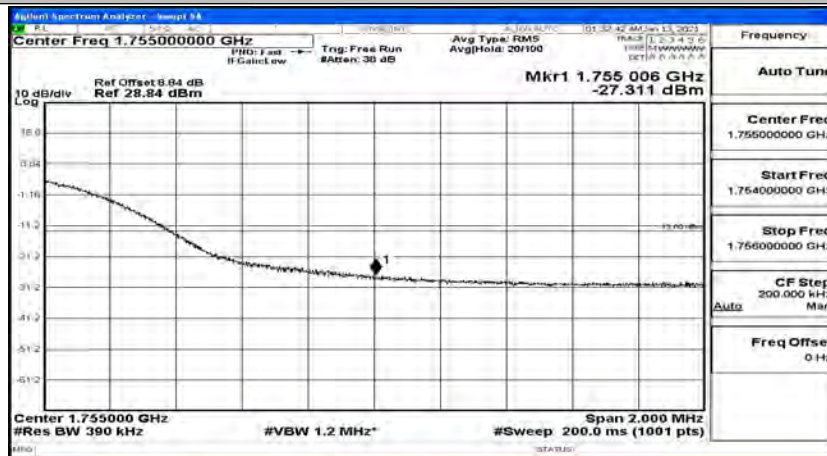
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



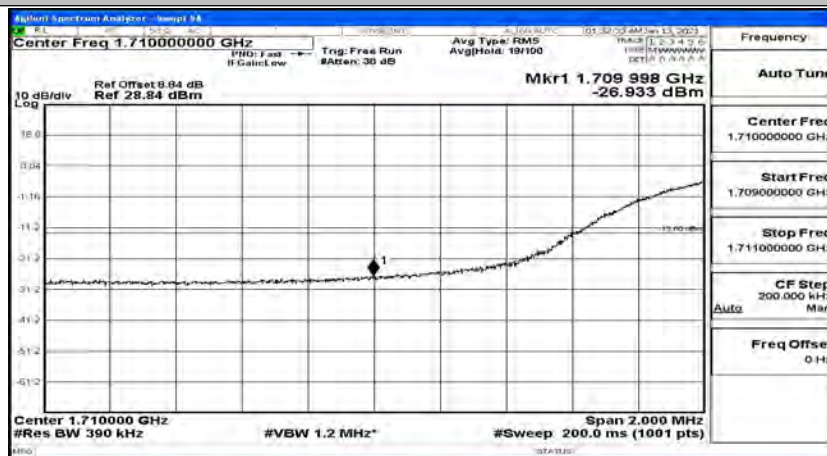
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



## 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



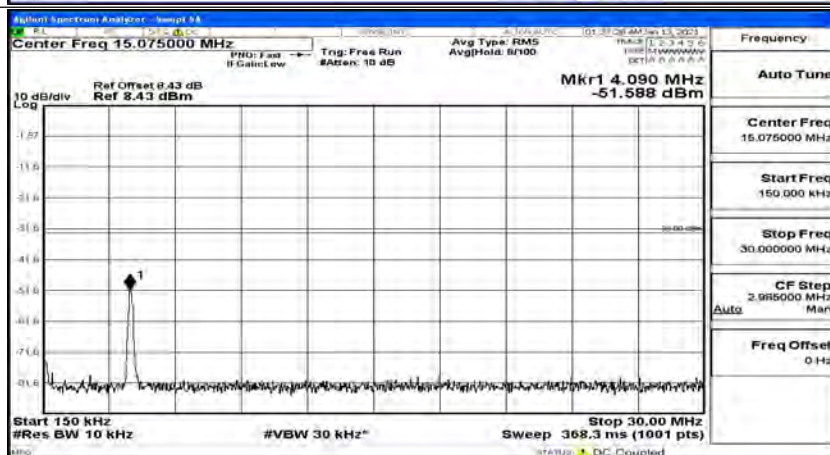
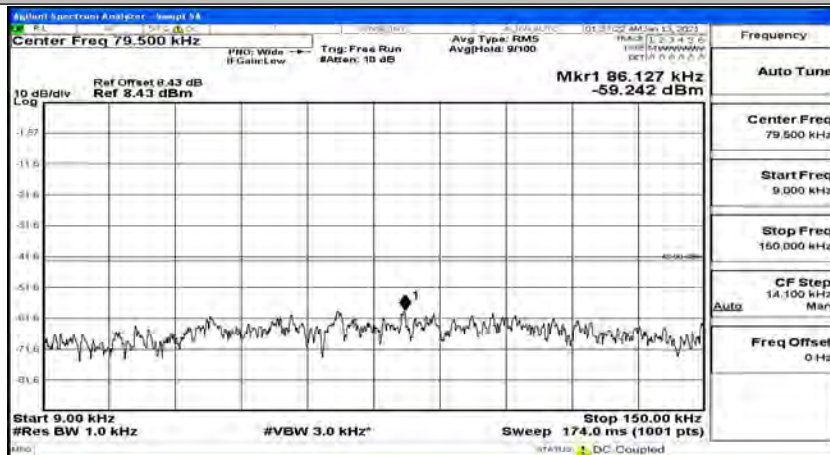


## E.5 Conducted Spurious Emission

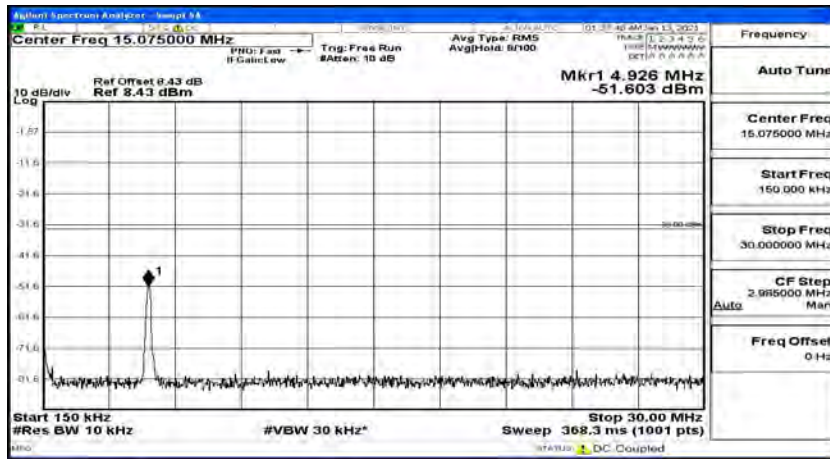
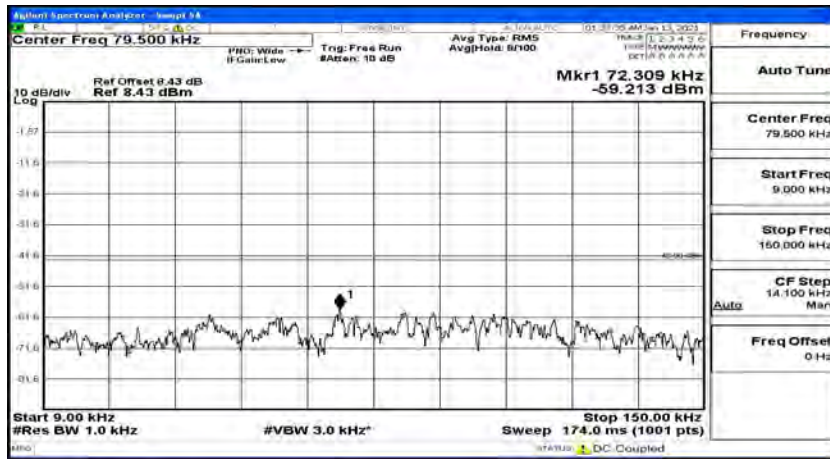
### Test Graphs

Channel Bandwidth: 1.4 MHz

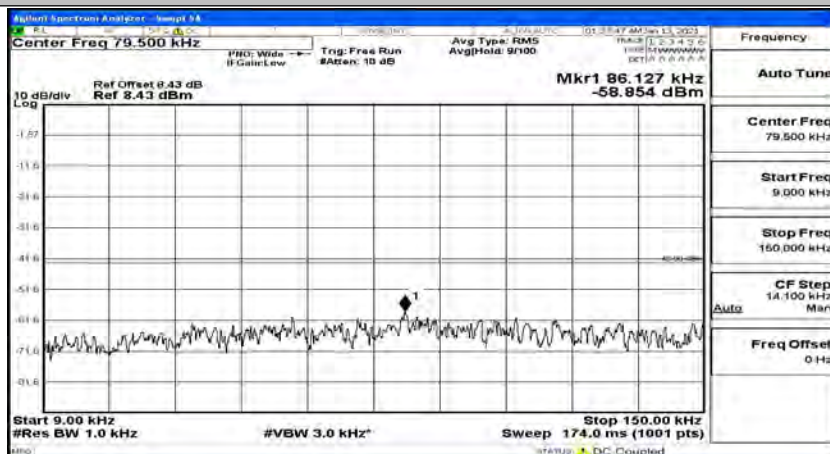
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#0



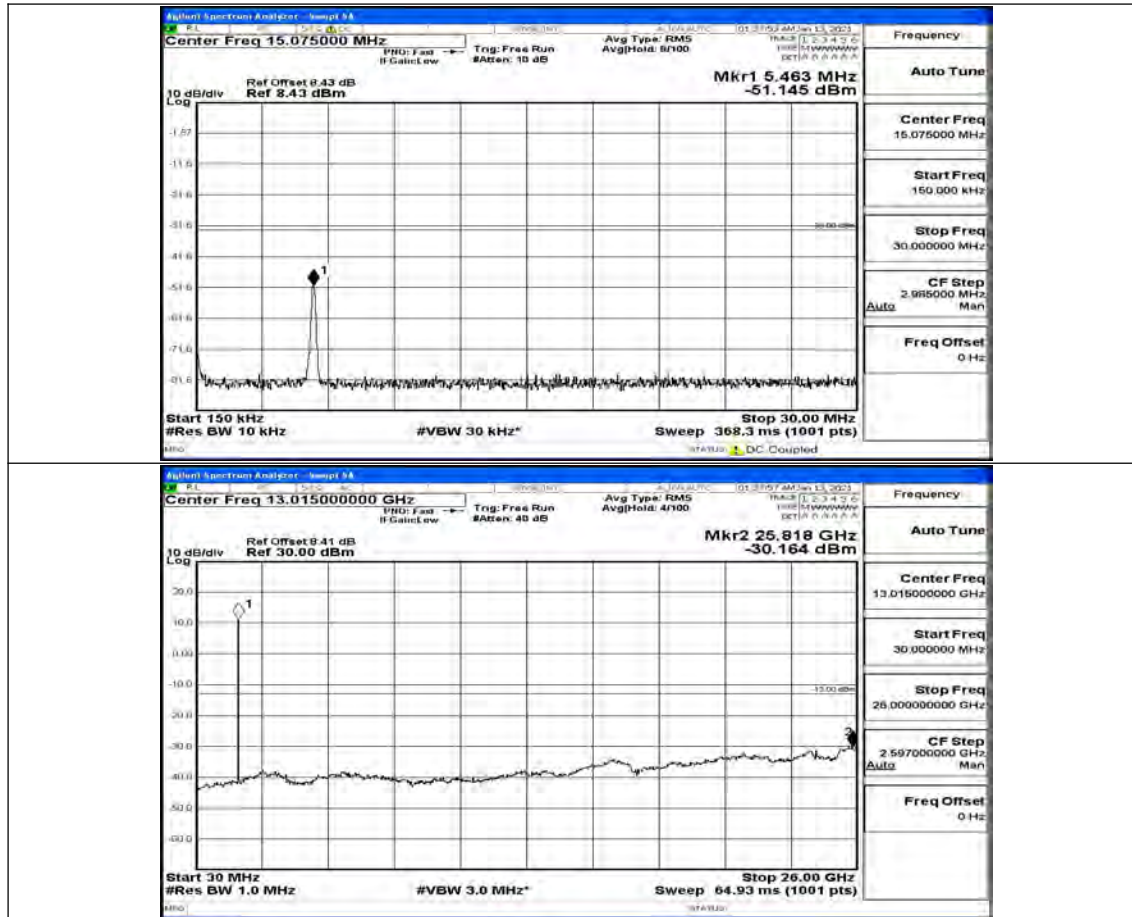
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#3



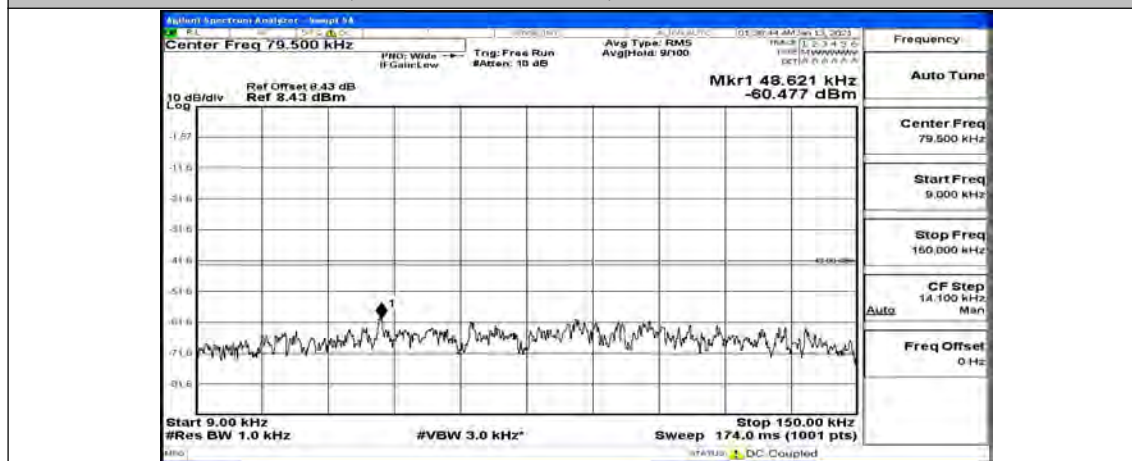
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#5

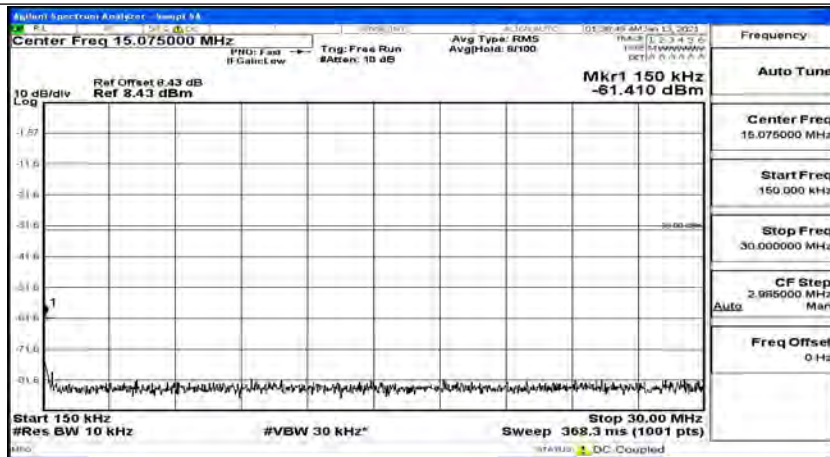




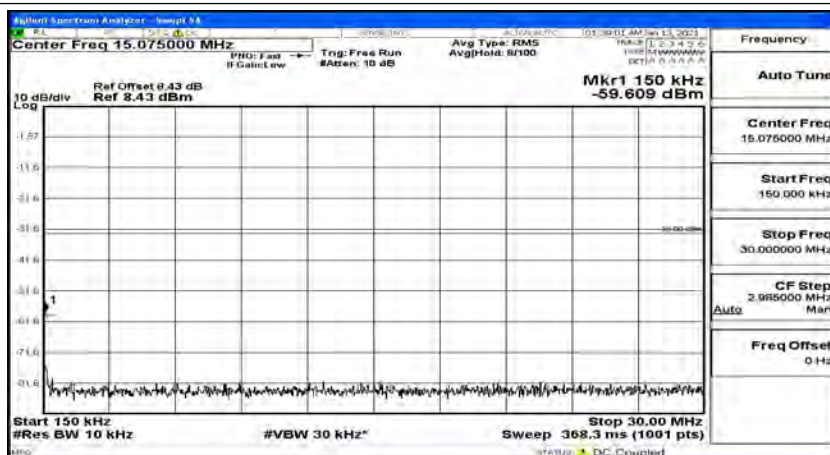
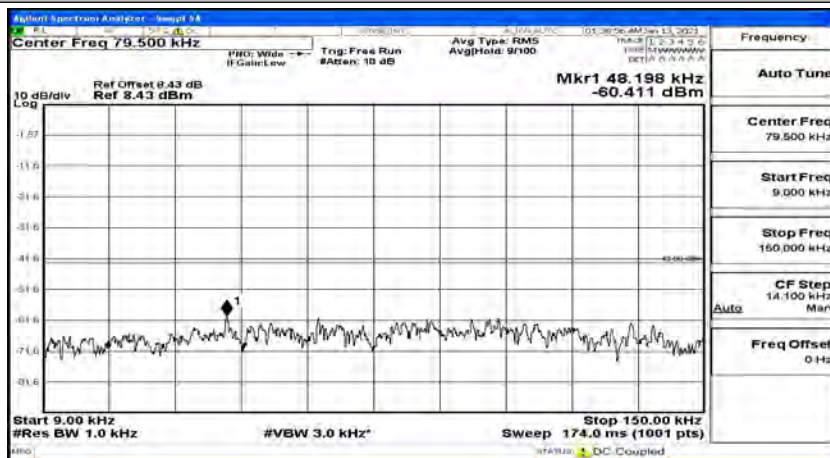


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#0



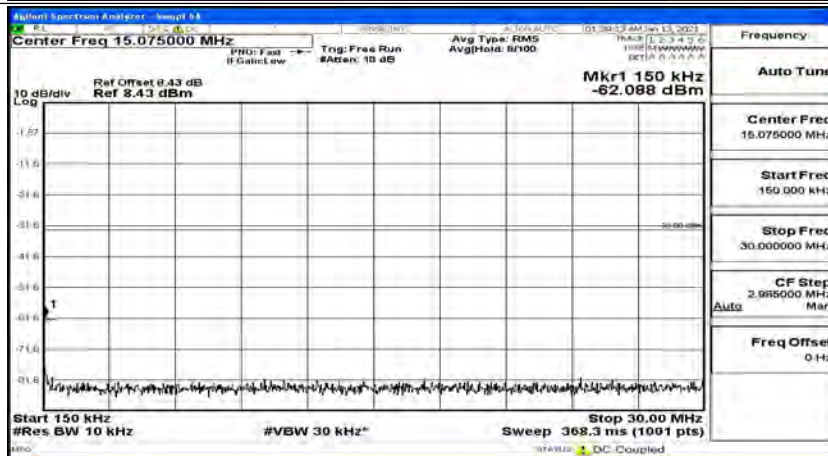
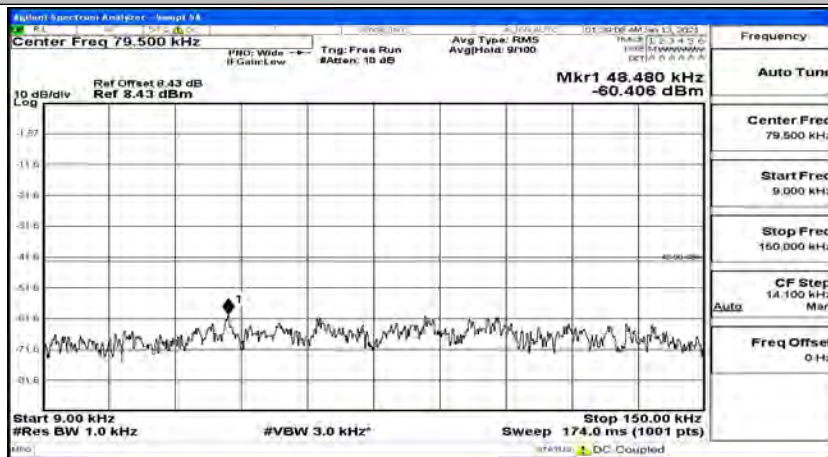


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#3



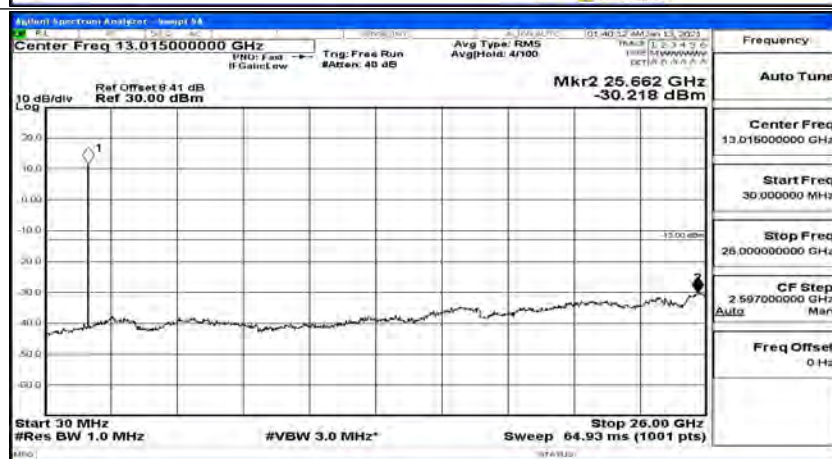
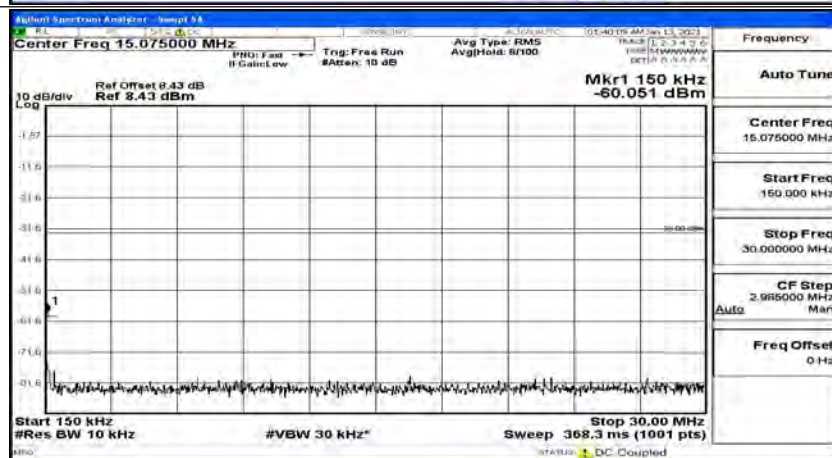
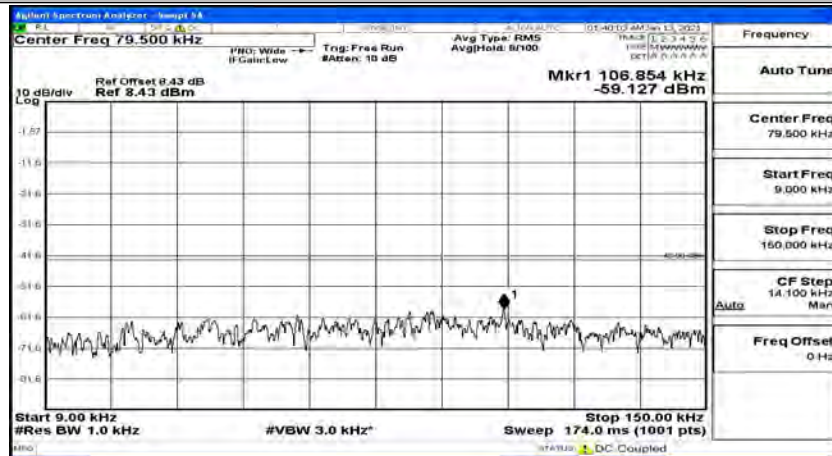


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#5

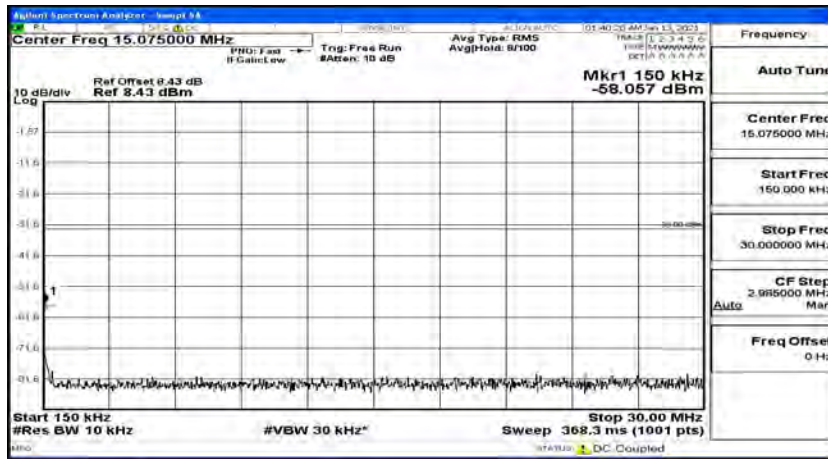
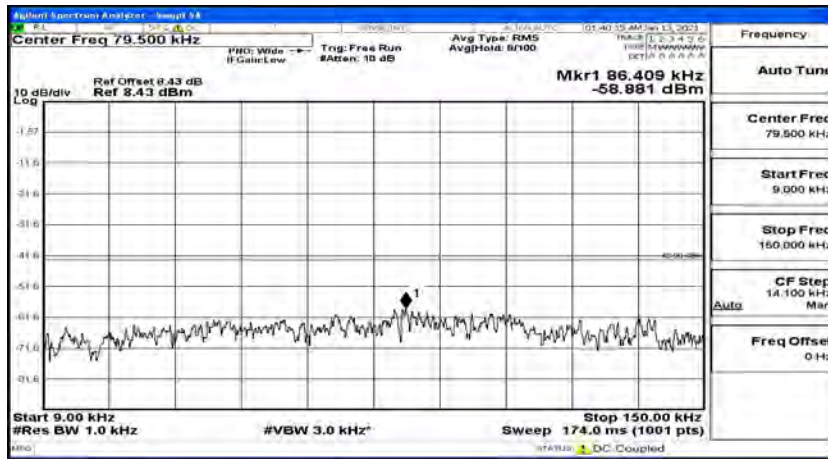




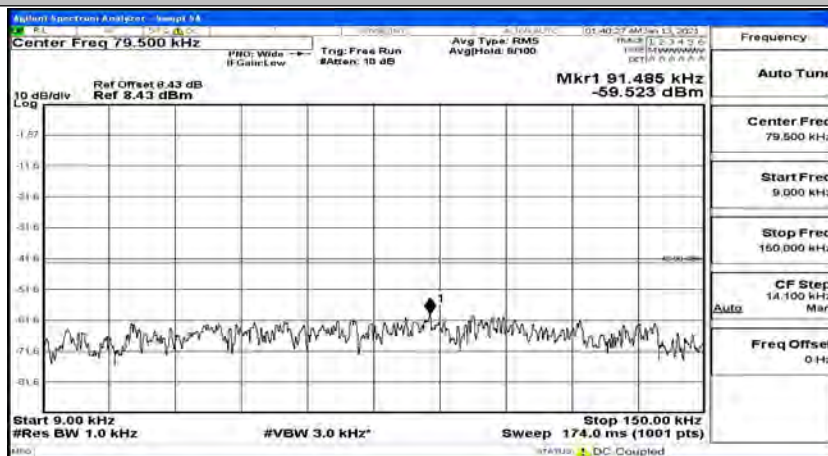
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0



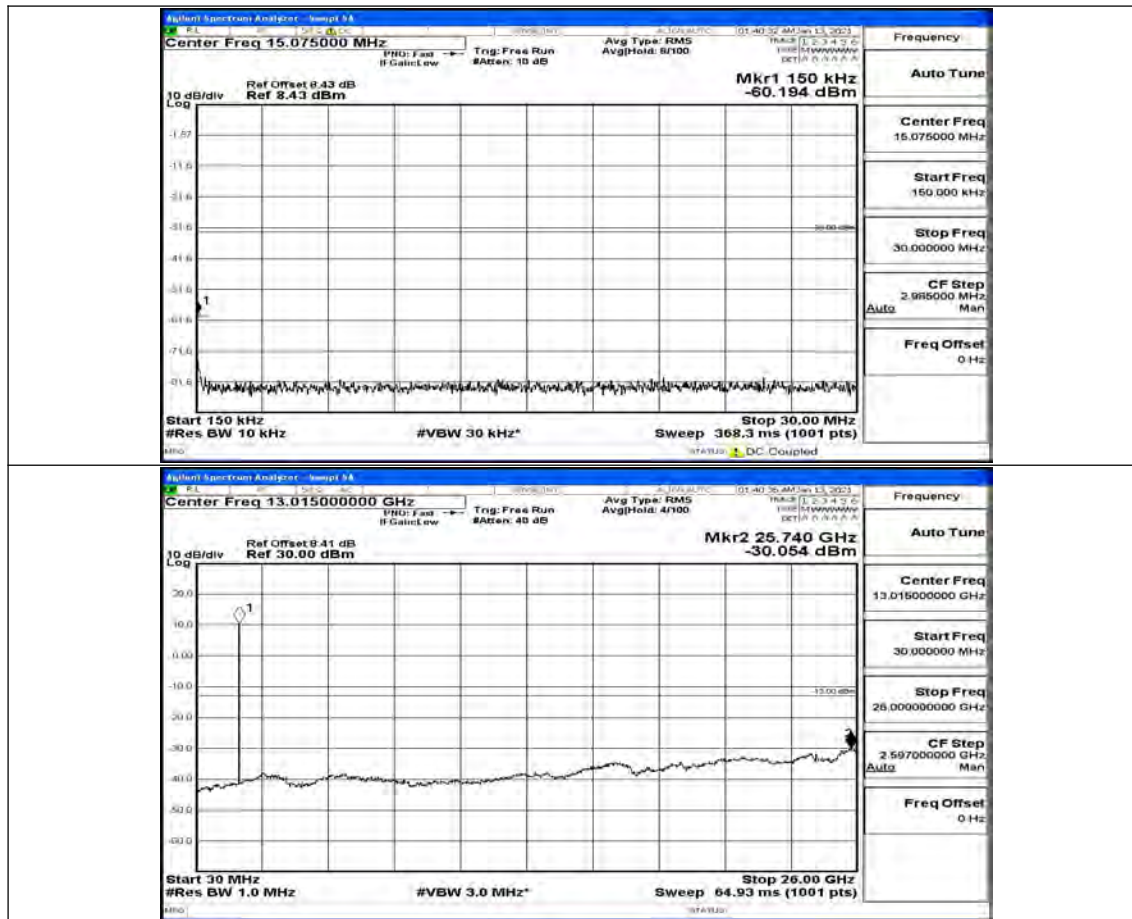
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3



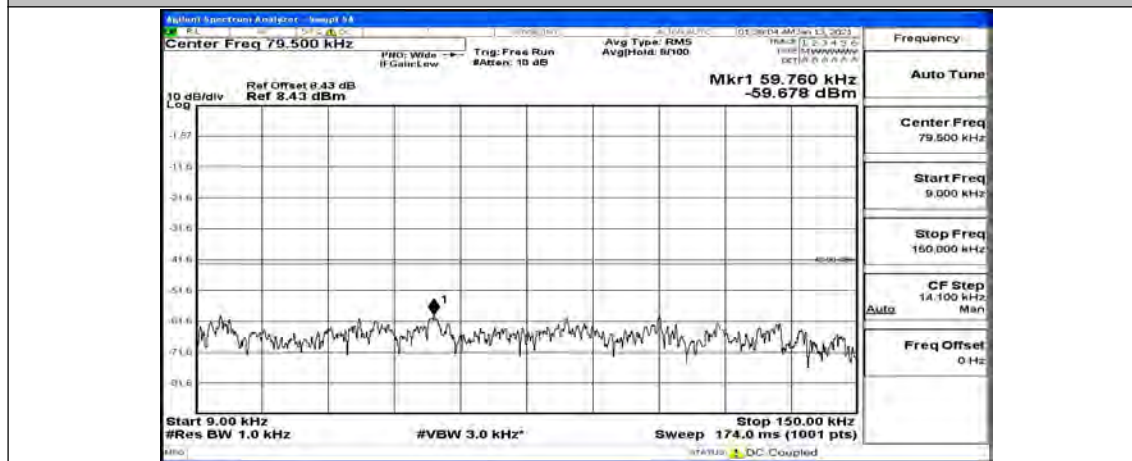
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#5

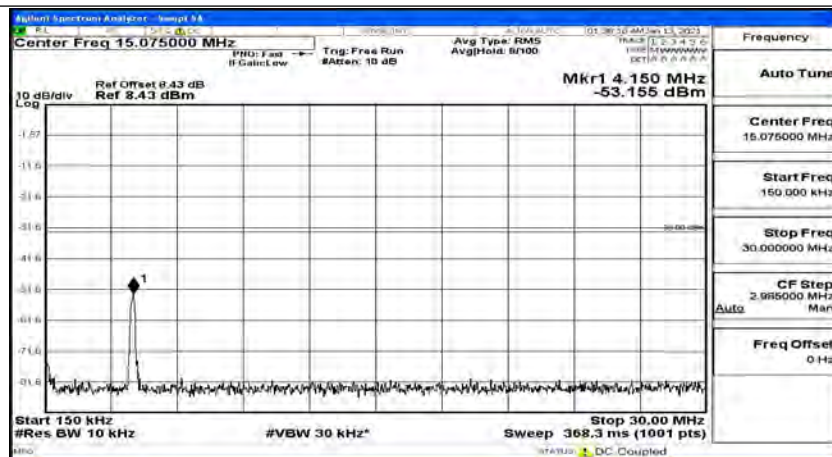




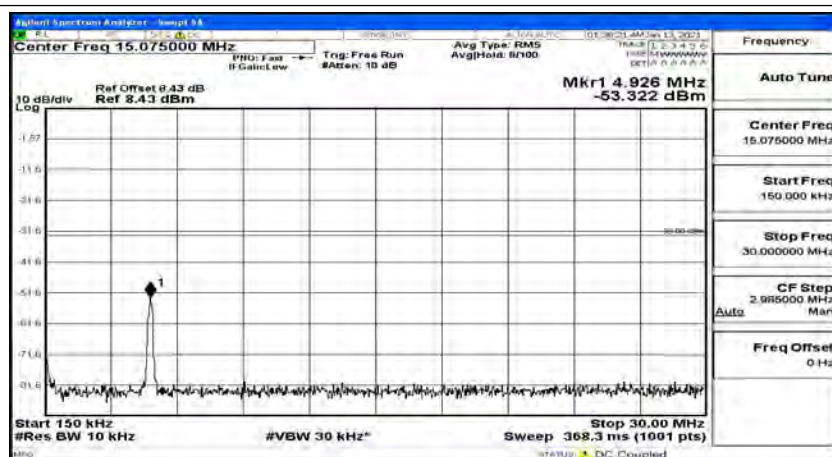
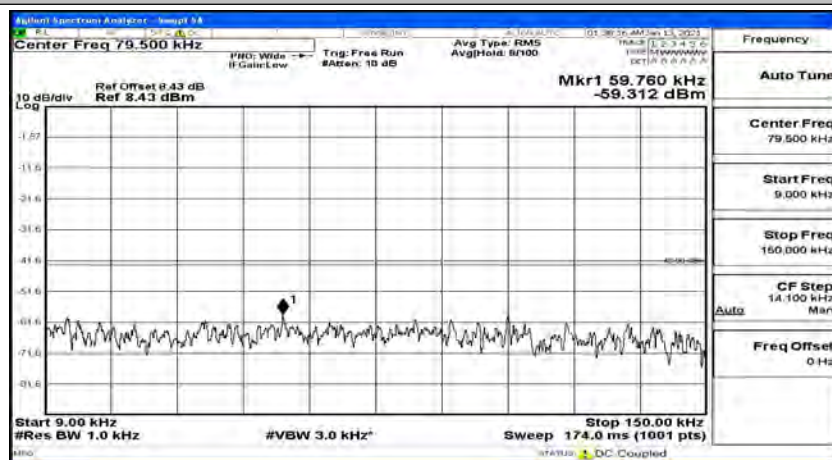


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#0



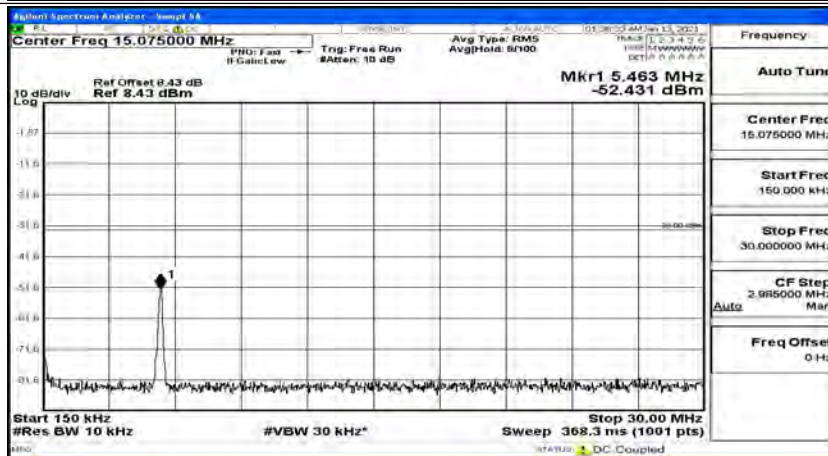
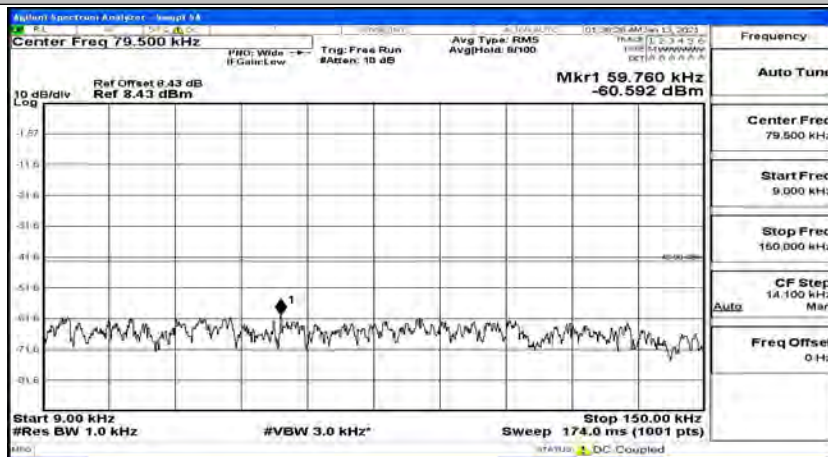


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#3



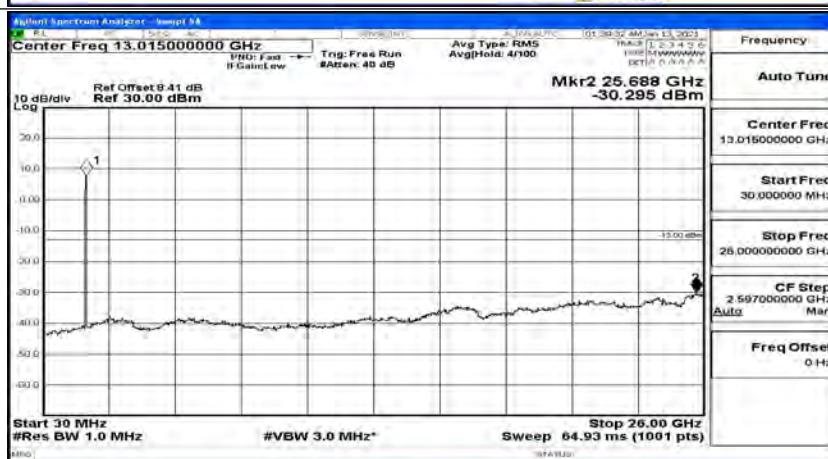
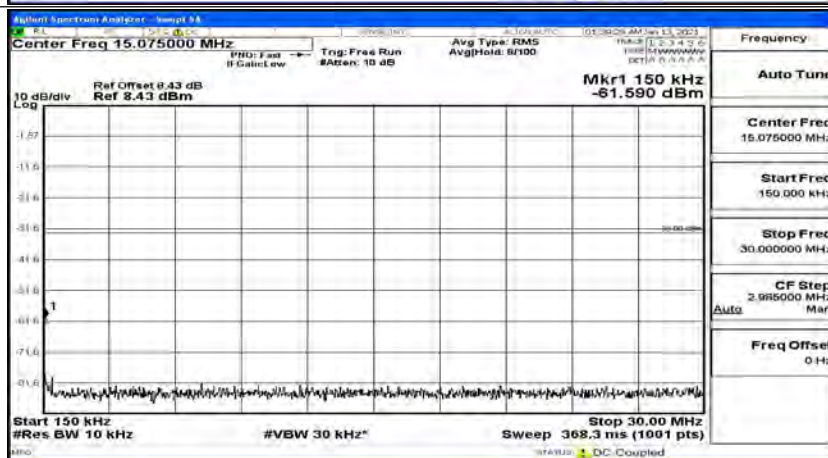
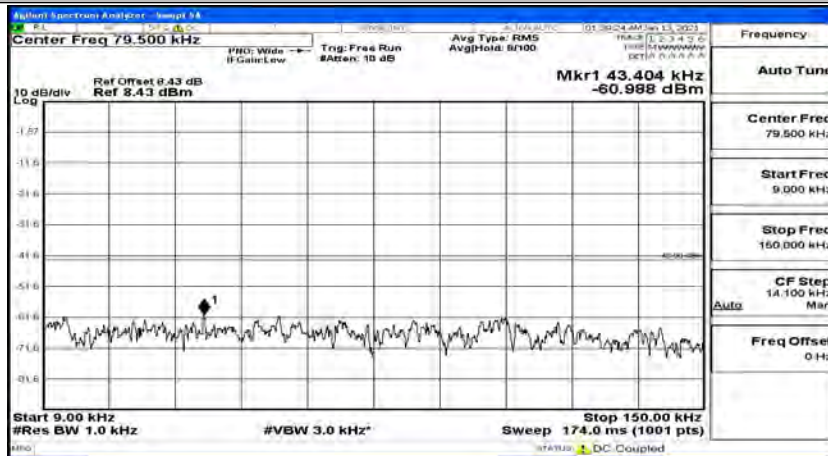


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#5





(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#3