



## Appendix A: Average Output Power Data

### Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.83	PASS
		1	2	23.01	PASS
		1	5	22.80	PASS
		3	0	22.01	PASS
		3	1	22.04	PASS
		3	3	21.89	PASS
		6	0	21.89	PASS
	MCH	1	0	22.87	PASS
		1	2	23.09	PASS
		1	5	22.87	PASS
		3	0	22.05	PASS
		3	1	22.03	PASS
		3	3	22.02	PASS
		6	0	22.00	PASS
	HCH	1	0	22.89	PASS
		1	2	23.04	PASS
		1	5	22.95	PASS
		3	0	22.10	PASS
		3	1	22.15	PASS
		3	3	22.16	PASS
		6	0	22.12	PASS
16QAM	LCH	1	0	22.08	PASS
		1	2	22.19	PASS
		1	5	22.13	PASS
		3	0	21.05	PASS
		3	1	21.07	PASS
		3	3	20.94	PASS
		6	0	20.93	PASS
	MCH	1	0	22.13	PASS
		1	2	22.33	PASS
		1	5	22.15	PASS
		3	0	21.00	PASS



		3	1	20.98	PASS
		3	3	21.01	PASS
		6	0	20.97	PASS
	HCH	1	0	22.17	PASS
		1	2	22.37	PASS
		1	5	22.21	PASS
		3	0	21.11	PASS
		3	1	21.14	PASS
		3	3	21.18	PASS
		6	0	21.02	PASS

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.92	PASS
		1	7	22.95	PASS
		1	14	22.91	PASS
		8	0	21.98	PASS
		8	3	22.03	PASS
		8	7	22.02	PASS
		15	0	22.07	PASS
	MCH	1	0	22.81	PASS
		1	7	22.88	PASS
		1	14	23.07	PASS
		8	0	22.05	PASS
		8	3	22.00	PASS
		8	7	22.05	PASS
		15	0	22.09	PASS
	HCH	1	0	22.87	PASS
		1	7	22.99	PASS
		1	14	23.01	PASS
		8	0	22.00	PASS
		8	3	22.14	PASS
		8	7	22.29	PASS
		15	0	22.15	PASS
16QAM	LCH	1	0	22.09	PASS
		1	7	22.20	PASS
		1	14	22.18	PASS



		8	0	20.91	PASS
		8	3	20.98	PASS
		8	7	20.93	PASS
		15	0	21.02	PASS
	MCH	1	0	22.13	PASS
		1	7	22.12	PASS
		1	14	22.33	PASS
		8	0	20.98	PASS
		8	3	20.96	PASS
		8	7	20.98	PASS
		15	0	21.10	PASS
	HCH	1	0	22.12	PASS
		1	7	22.23	PASS
		1	14	22.26	PASS
		8	0	21.03	PASS
		8	3	21.22	PASS
		8	7	21.24	PASS
		15	0	21.07	PASS

### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.86	PASS
		1	12	22.72	PASS
		1	24	22.85	PASS
		12	0	21.91	PASS
		12	6	21.90	PASS
		12	13	21.92	PASS
		25	0	21.88	PASS
	MCH	1	0	22.92	PASS
		1	12	22.95	PASS
		1	24	22.94	PASS
		12	0	21.98	PASS
		12	6	21.99	PASS
		12	13	22.03	PASS
		25	0	22.03	PASS
	HCH	1	0	22.94	PASS
		1	12	23.01	PASS
		1	24	23.06	PASS



		12	0	22.19	PASS		
		12	6	22.16	PASS		
		12	13	22.22	PASS		
		25	0	22.20	PASS		
		16QAM	LCH	1	0	22.09	PASS
				1	12	22.07	PASS
				1	24	22.10	PASS
12	0			20.95	PASS		
12	6			20.99	PASS		
12	13			20.97	PASS		
25	0			20.91	PASS		
MCH	1		0	22.24	PASS		
	1		12	22.31	PASS		
	1		24	22.19	PASS		
	12		0	21.03	PASS		
	12		6	21.04	PASS		
	12		13	21.03	PASS		
	25		0	20.96	PASS		
HCH	1		0	22.32	PASS		
	1		12	22.36	PASS		
	1		24	22.35	PASS		
	12		0	21.26	PASS		
	12		6	21.19	PASS		
	12		13	21.24	PASS		
	25		0	21.16	PASS		

### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.84	PASS
		1	24	23.07	PASS
		1	49	22.93	PASS
		25	0	22.93	PASS
		25	12	23.01	PASS
		25	25	23.00	PASS
		50	0	21.99	PASS
	MCH	1	0	22.89	PASS
		1	24	22.93	PASS
		1	49	22.85	PASS



		25	0	22.95	PASS
		25	12	22.93	PASS
		25	25	23.01	PASS
		50	0	21.92	PASS
	HCH	1	0	22.96	PASS
		1	24	23.03	PASS
		1	49	23.12	PASS
		25	0	22.96	PASS
		25	12	23.06	PASS
		25	25	23.04	PASS
50	0	22.07	PASS		
16QAM	LCH	1	0	22.13	PASS
		1	24	22.19	PASS
		1	49	22.05	PASS
		25	0	22.05	PASS
		25	12	22.28	PASS
		25	25	22.14	PASS
		50	0	21.09	PASS
	MCH	1	0	22.20	PASS
		1	24	22.22	PASS
		1	49	22.10	PASS
		25	0	22.04	PASS
		25	12	22.12	PASS
		25	25	22.14	PASS
		50	0	20.93	PASS
	HCH	1	0	22.18	PASS
		1	24	22.24	PASS
		1	49	22.12	PASS
		25	0	22.14	PASS
		25	12	22.26	PASS
		25	25	22.21	PASS
		50	0	21.10	PASS



## Appendix B: Peak-to-Average Ratio

### Test Result

#### Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.63	<13	PASS
16QAM	MCH	1	0	4.37	<13	PASS

#### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.48	<13	PASS
16QAM	MCH	1	0	4.36	<13	PASS

#### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.47	<13	PASS
16QAM	MCH	1	0	4.11	<13	PASS

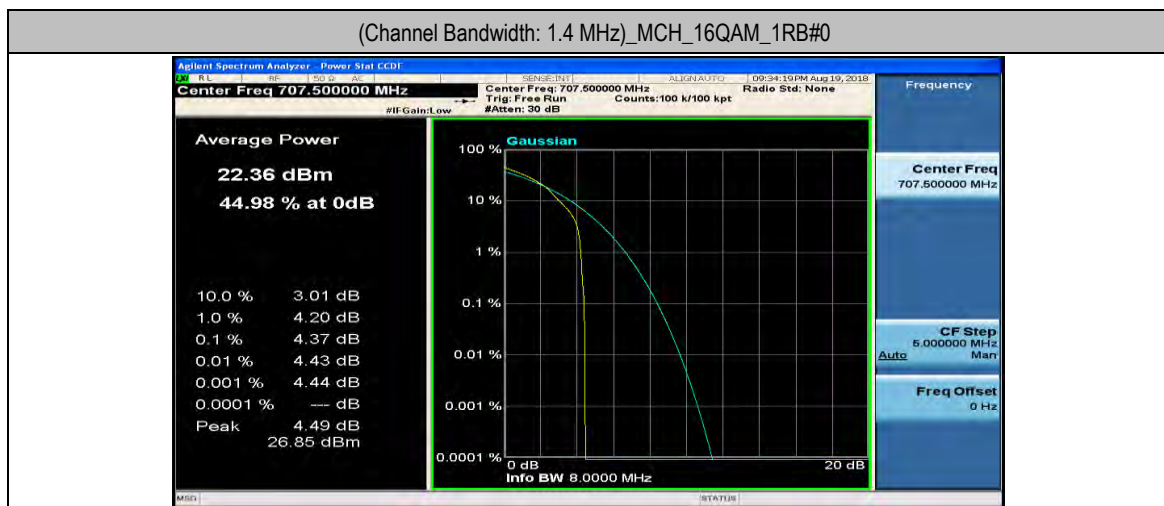
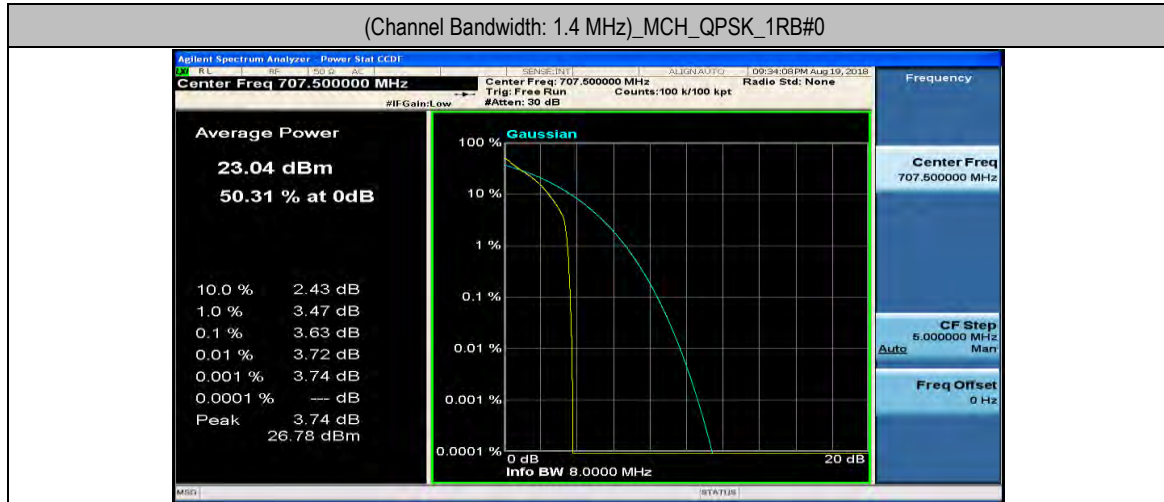
#### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.41	<13	PASS
16QAM	MCH	1	0	4.2	<13	PASS

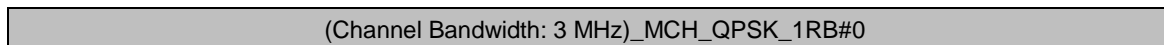


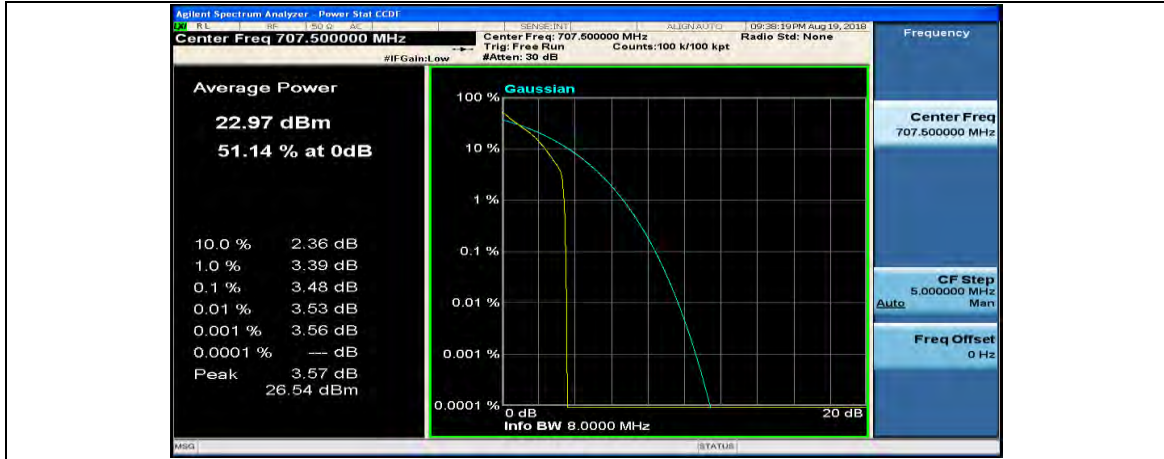
## Test Graphs

### Channel Bandwidth: 1.4 MHz

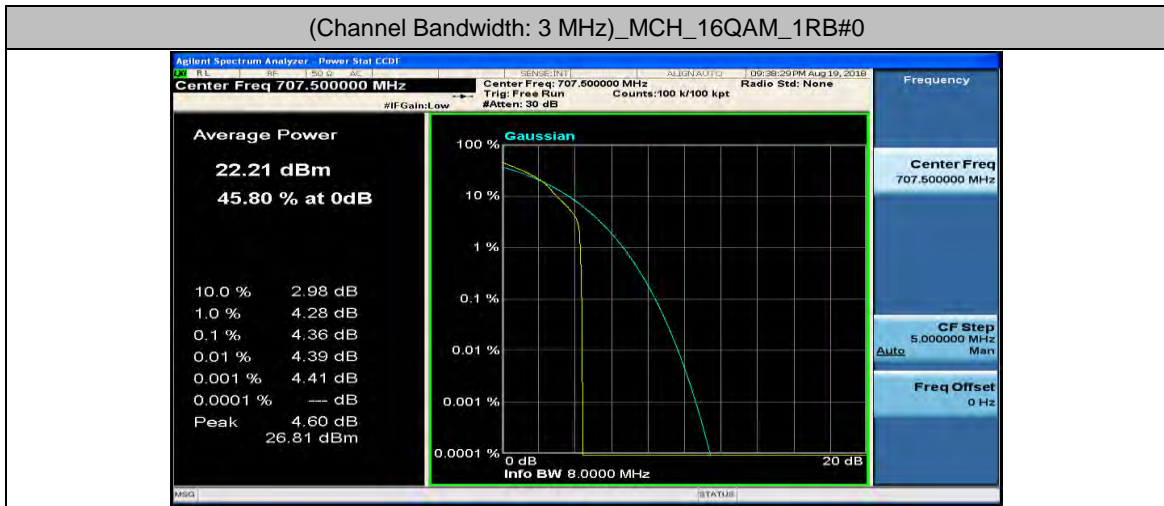


### Channel Bandwidth: 3 MHz



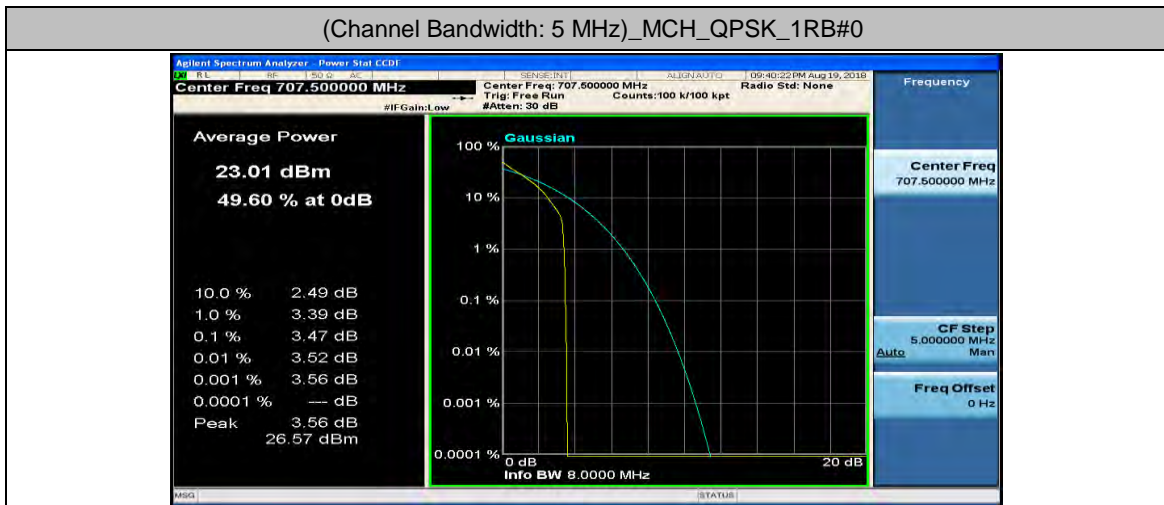


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#0



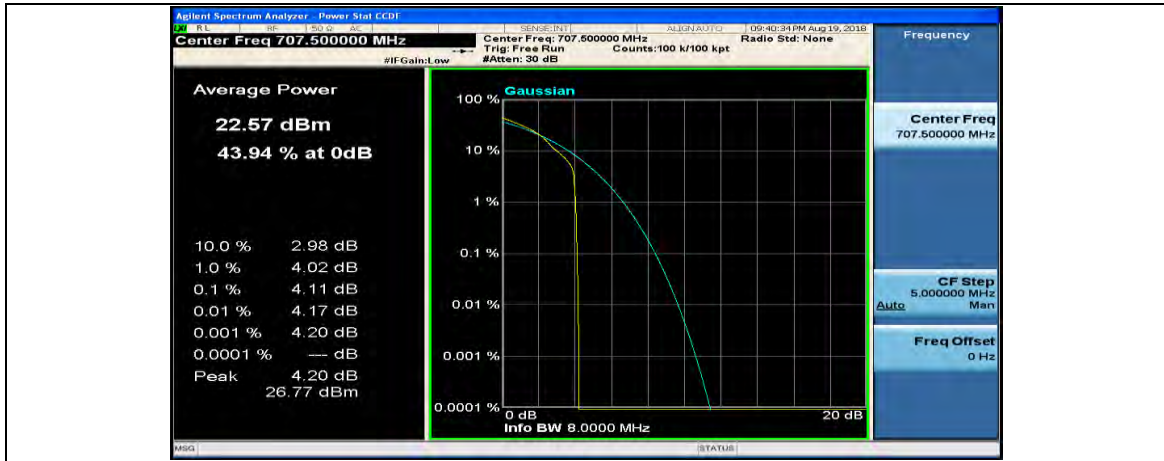
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0

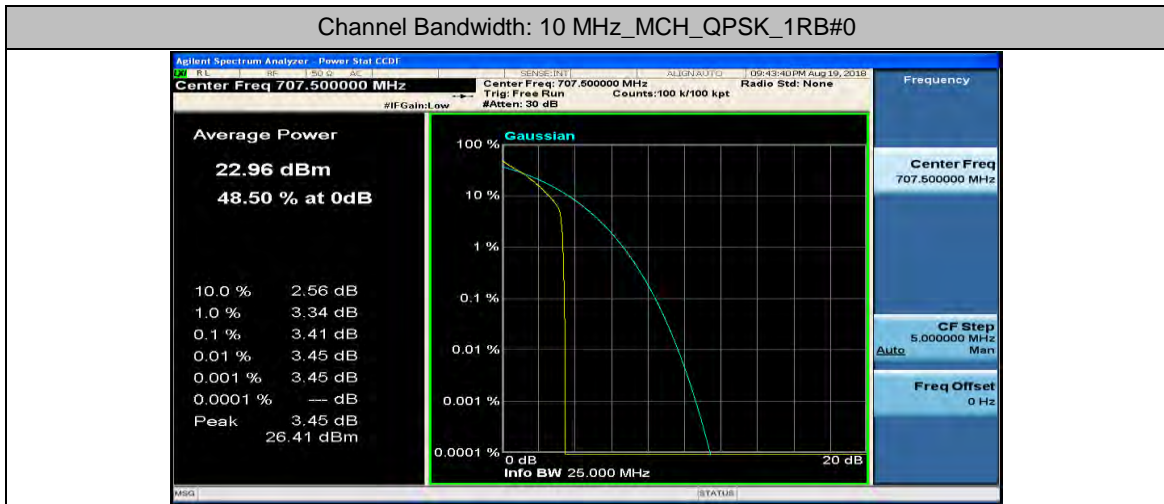


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0

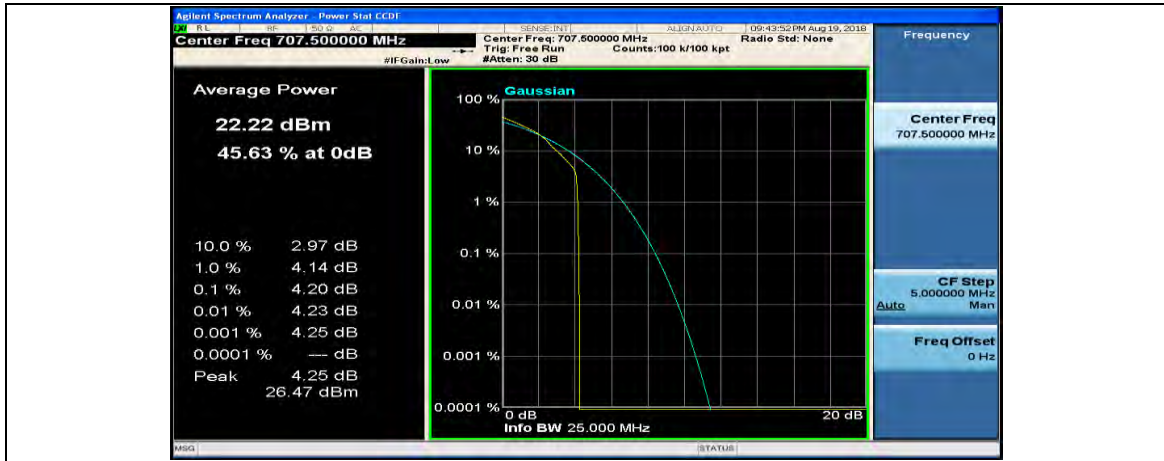




### Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0758	1.217	PASS
	MCH	6	0	1.0770	1.224	PASS
	HCH	6	0	1.0776	1.217	PASS
16QAM	LCH	6	0	1.0766	1.212	PASS
	MCH	6	0	1.0781	1.221	PASS
	HCH	6	0	1.0785	1.299	PASS

#### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6877	2.899	PASS
	MCH	15	0	2.6890	2.910	PASS
	HCH	15	0	2.6908	2.923	PASS
16QAM	LCH	15	0	2.6832	2.881	PASS
	MCH	15	0	2.6816	2.897	PASS
	HCH	15	0	2.6903	2.919	PASS

#### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4642	4.766	PASS
	MCH	25	0	4.4763	4.826	PASS
	HCH	25	0	4.4793	4.807	PASS
16QAM	LCH	25	0	4.4734	4.786	PASS
	MCH	25	0	4.4838	4.826	PASS



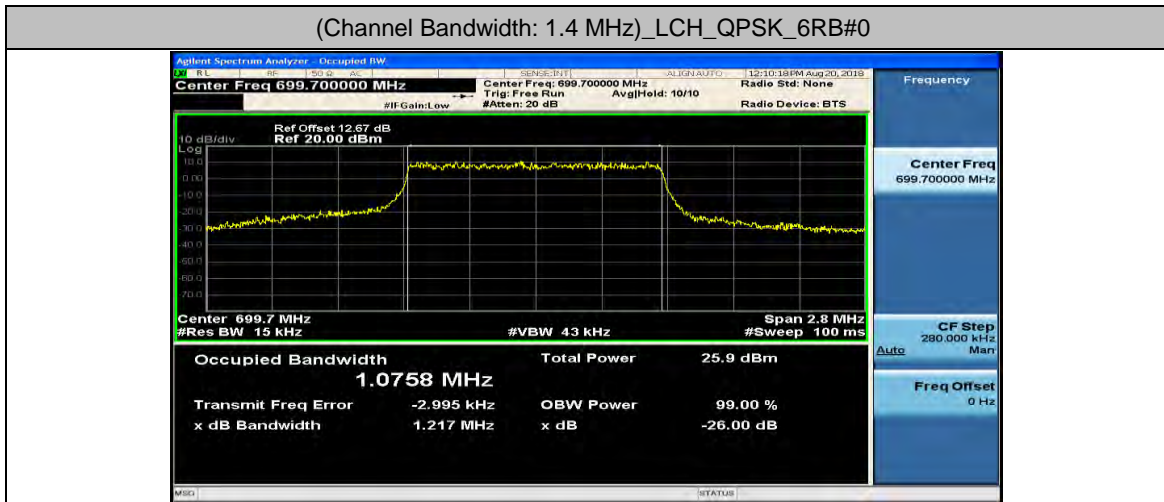
	HCH	25	0	4.4934	4.843	PASS
--	-----	----	---	--------	-------	------

### Channel Bandwidth: 10 MHz

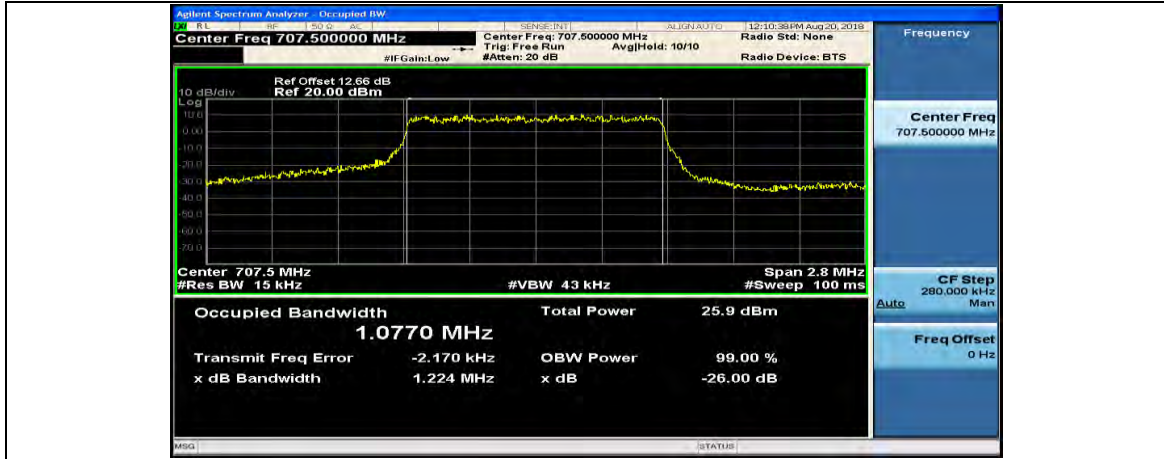
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9589	9.401	PASS
	MCH	50	0	8.9484	9.486	PASS
	HCH	50	0	8.9316	9.474	PASS
16QAM	LCH	50	0	8.9635	9.441	PASS
	MCH	50	0	8.9613	9.532	PASS
	HCH	50	0	8.9323	9.485	PASS

### Test Graphs

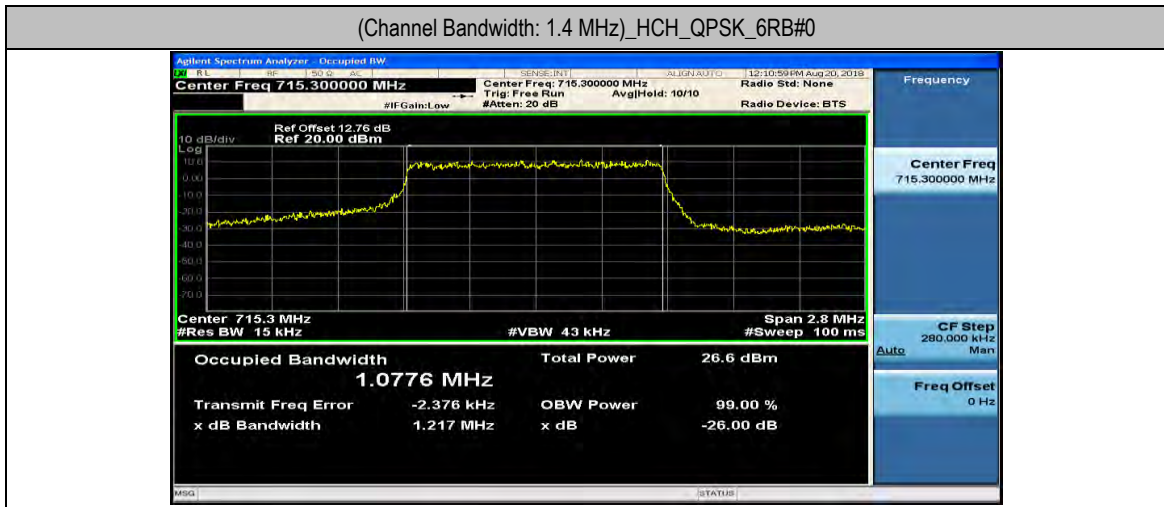
#### Channel Bandwidth: 1.4 MHz



(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0

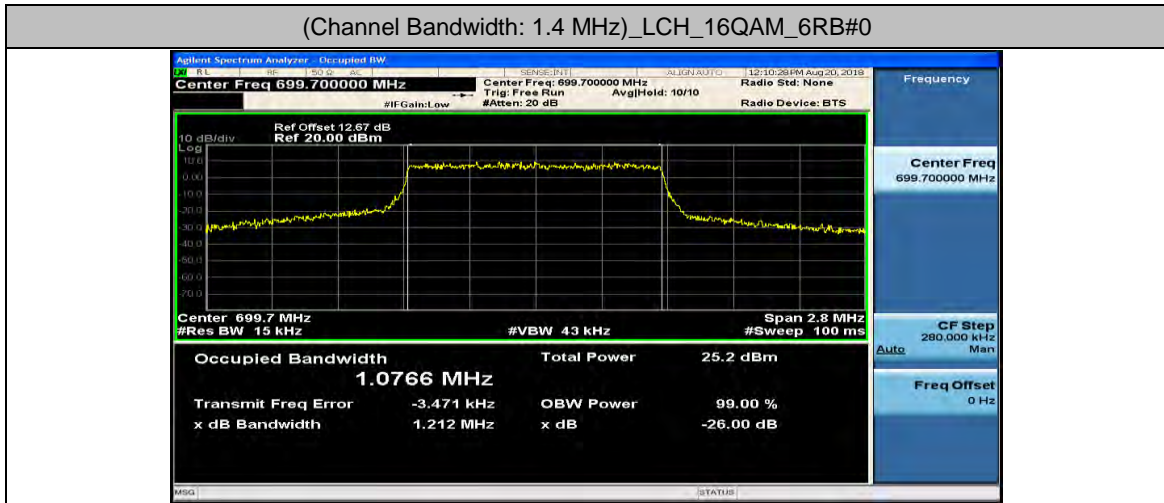


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_6RB#0





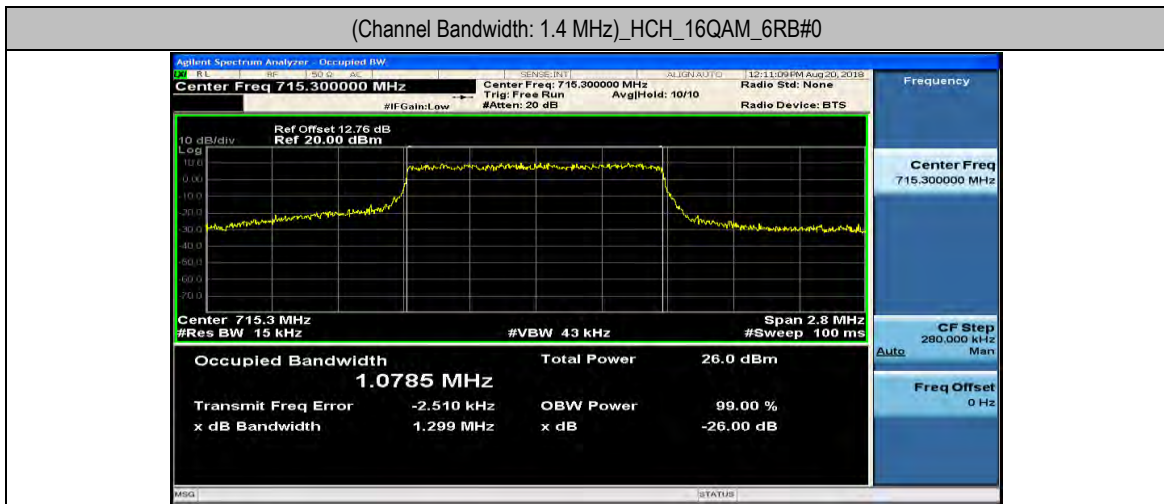
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_6RB#0



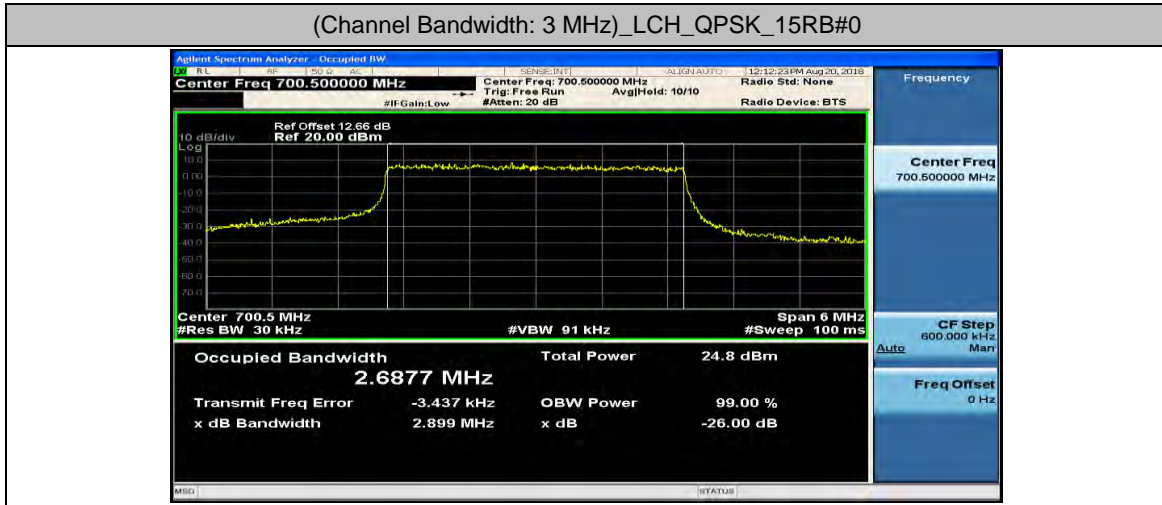
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



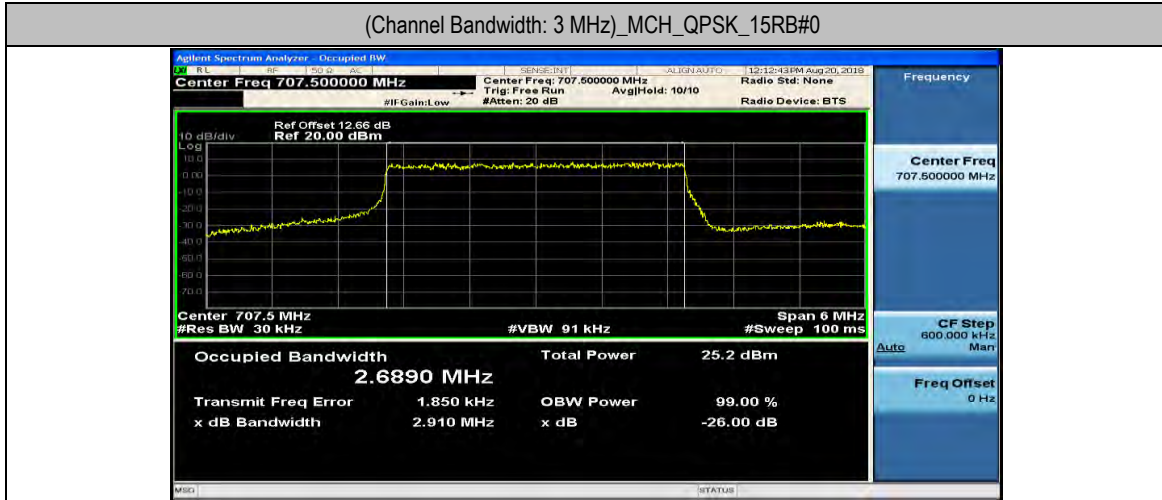


## Channel Bandwidth: 3 MHz

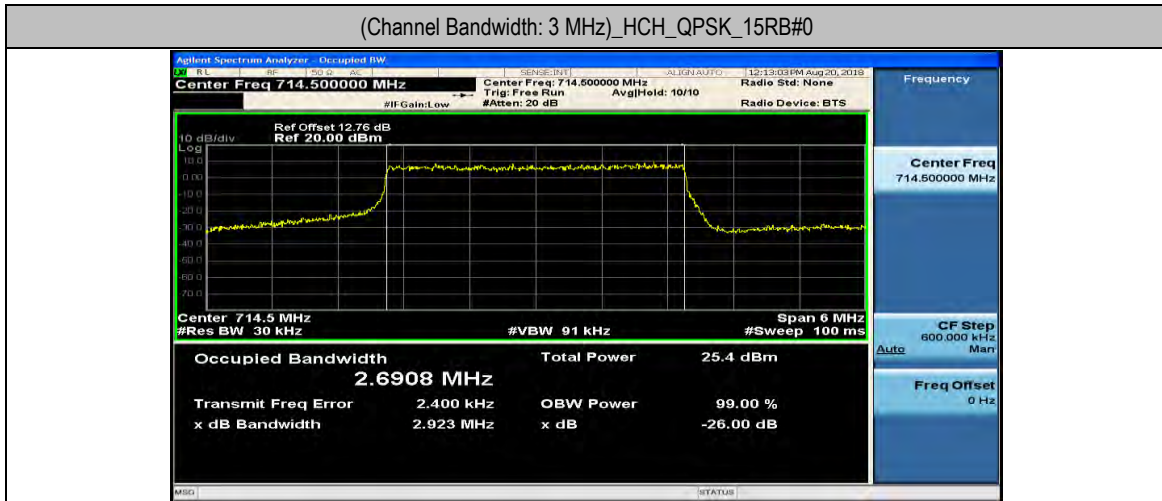
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_15RB#0

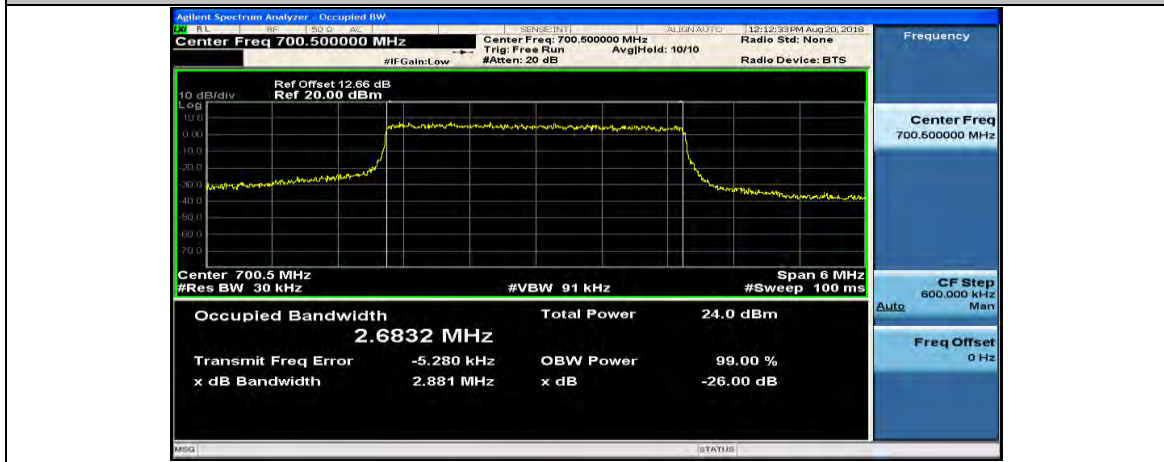


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0

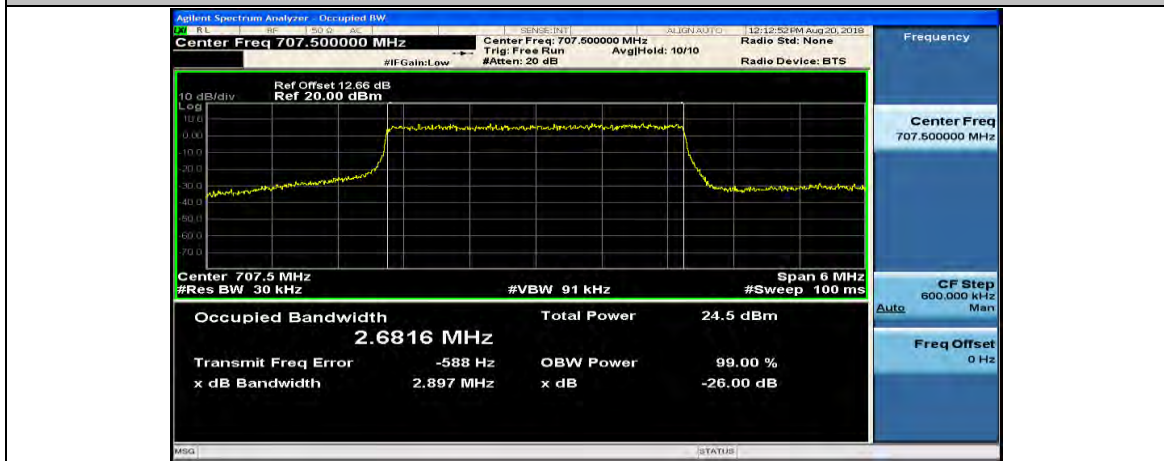




(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0

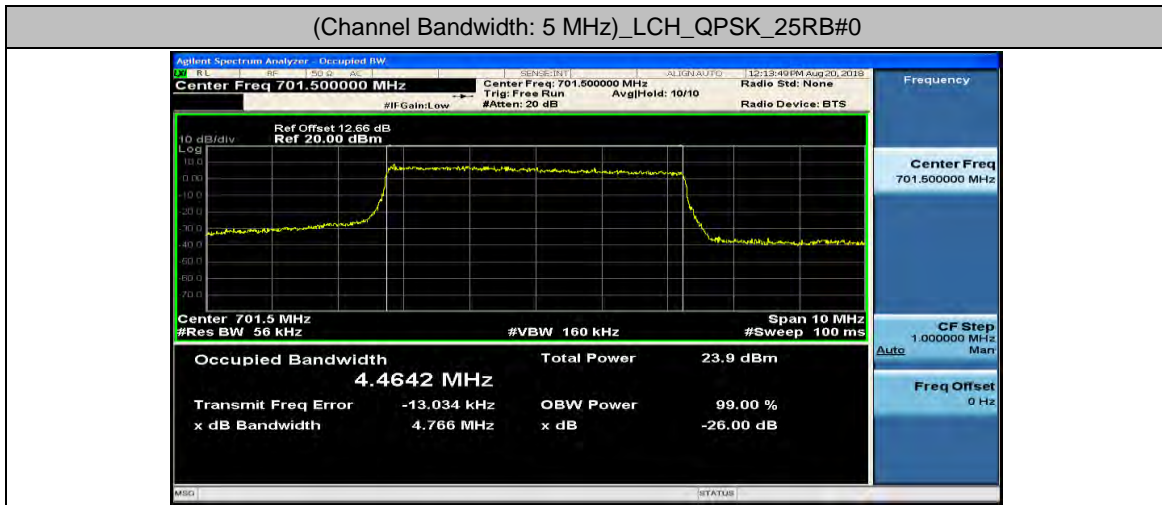




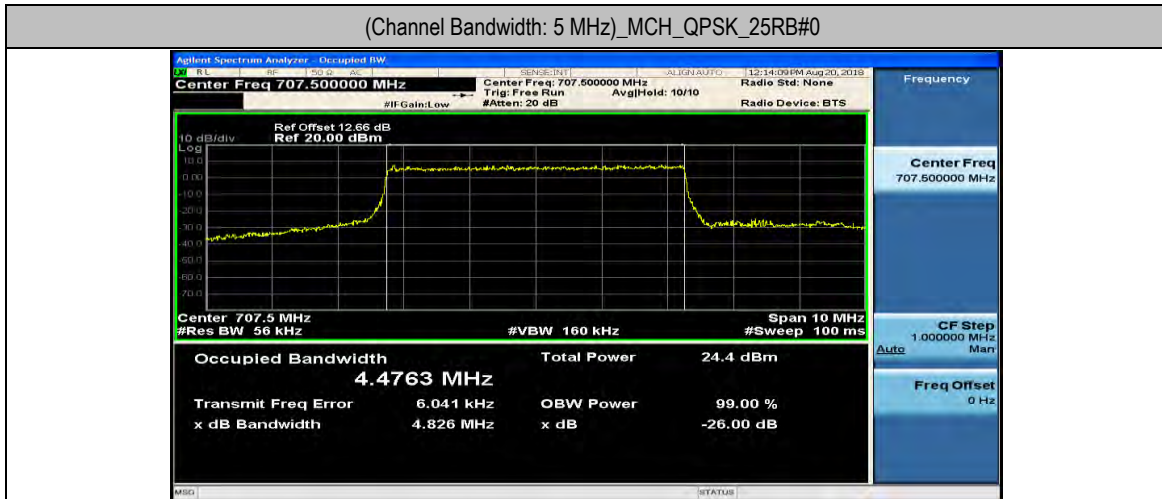


## Channel Bandwidth: 5 MHz

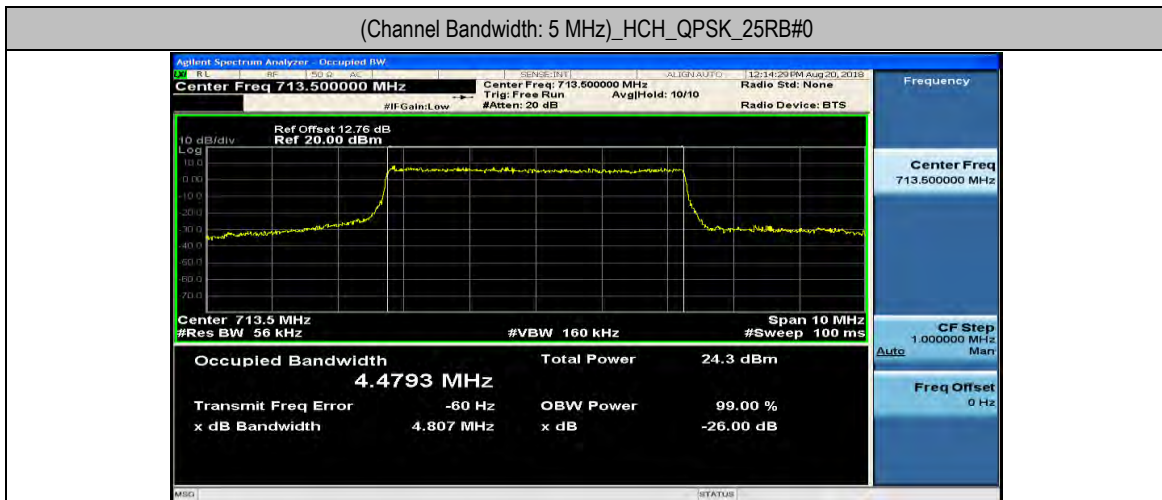
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0

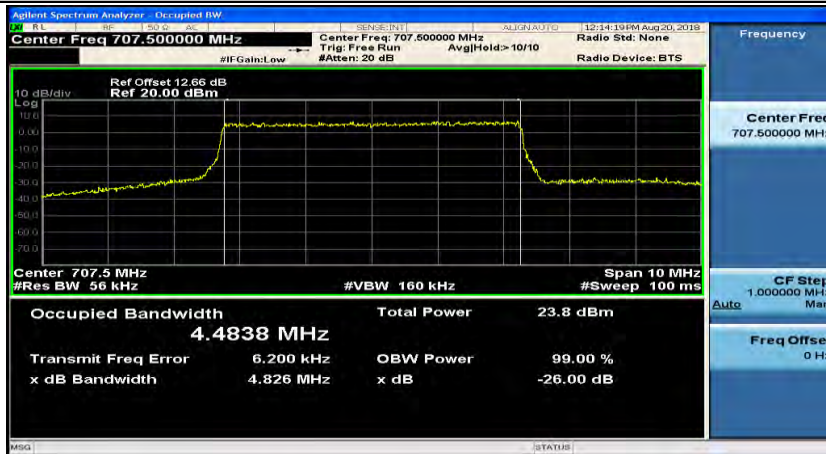




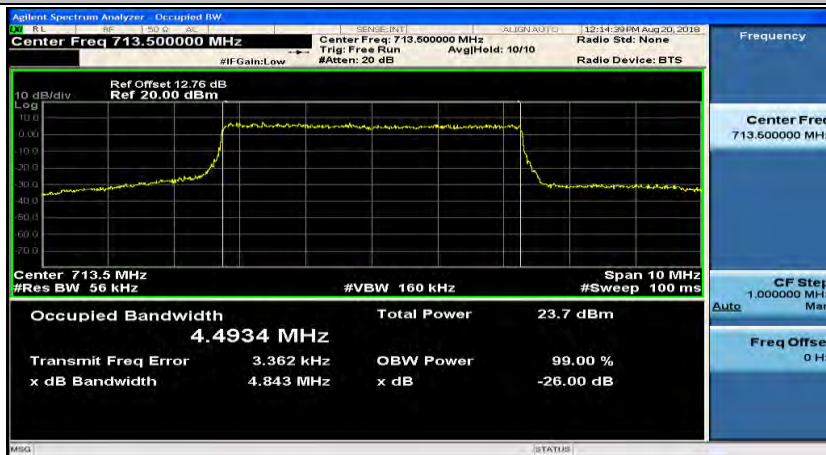
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



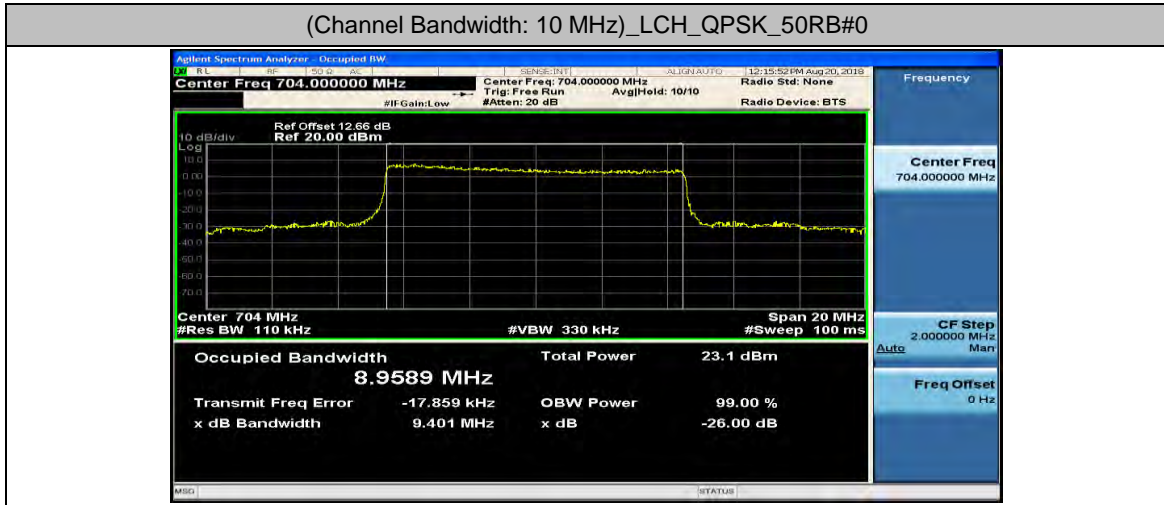
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



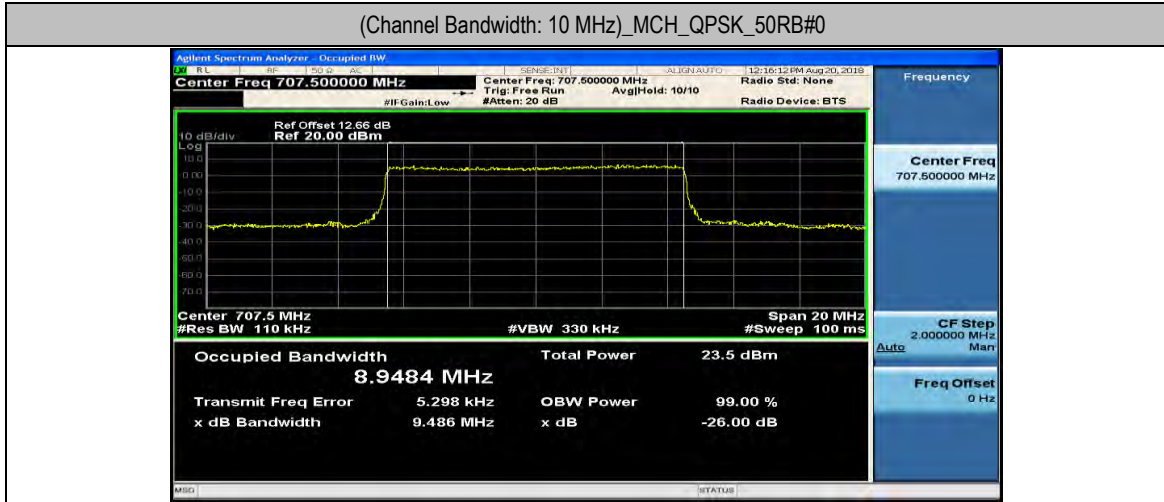


## Channel Bandwidth: 10 MHz

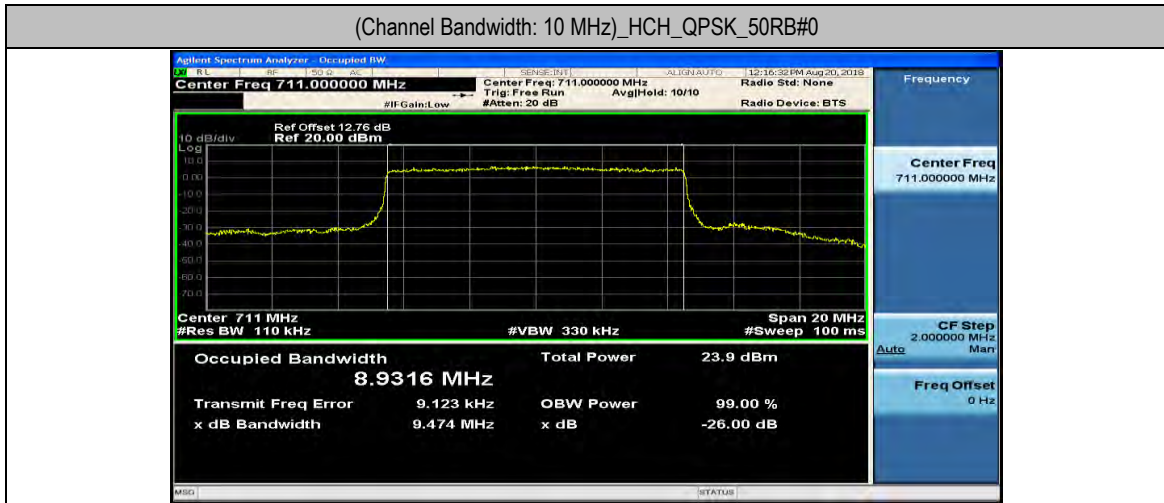
(Channel Bandwidth: 10 MHz)\_LCH\_QPSK\_50RB#0



(Channel Bandwidth: 10 MHz)\_MCH\_QPSK\_50RB#0

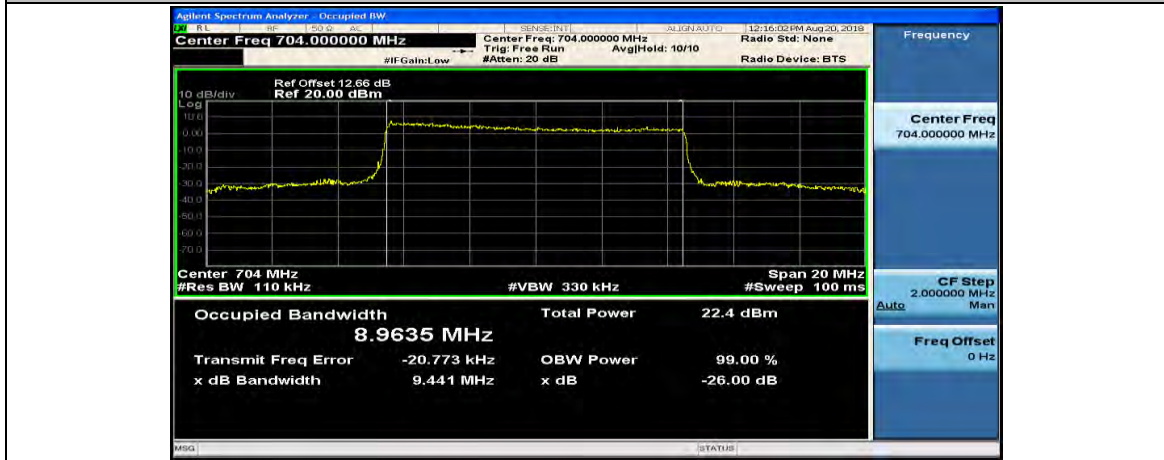


(Channel Bandwidth: 10 MHz)\_HCH\_QPSK\_50RB#0

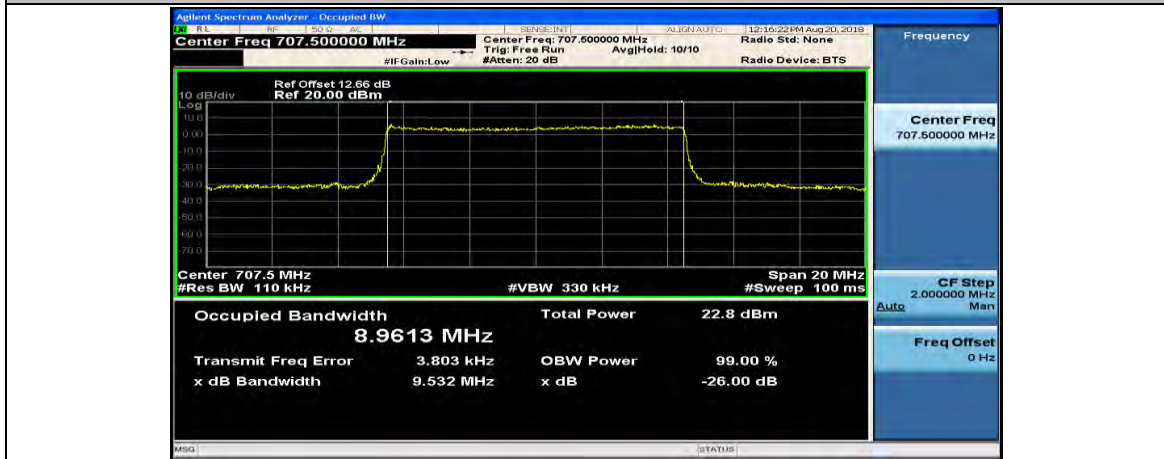




(Channel Bandwidth: 10 MHz)\_LCH\_16QAM\_50RB#0



(Channel Bandwidth: 10 MHz)\_MCH\_16QAM\_50RB#0



(Channel Bandwidth: 10 MHz)\_HCH\_16QAM\_50RB#0

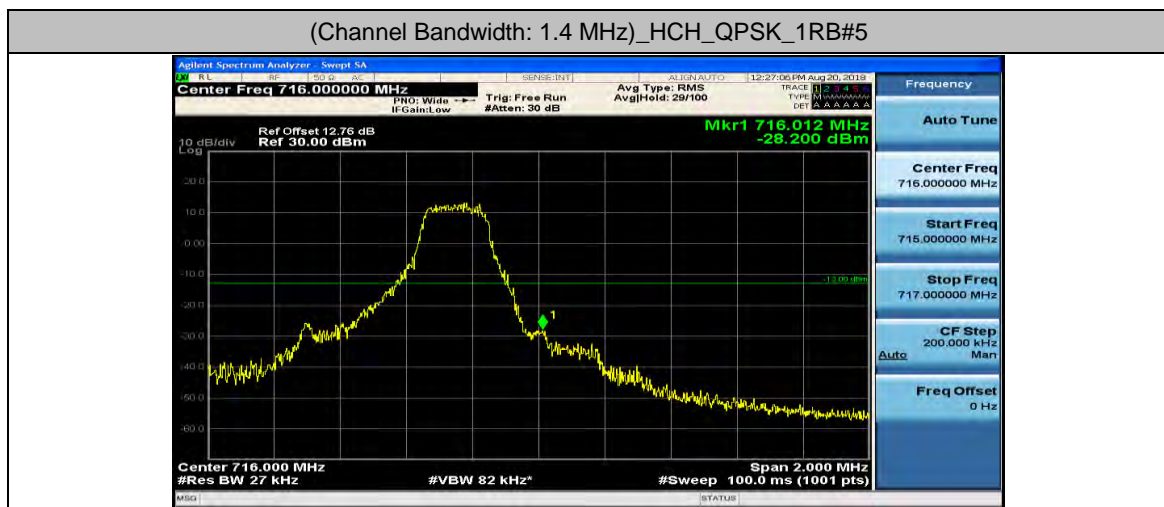
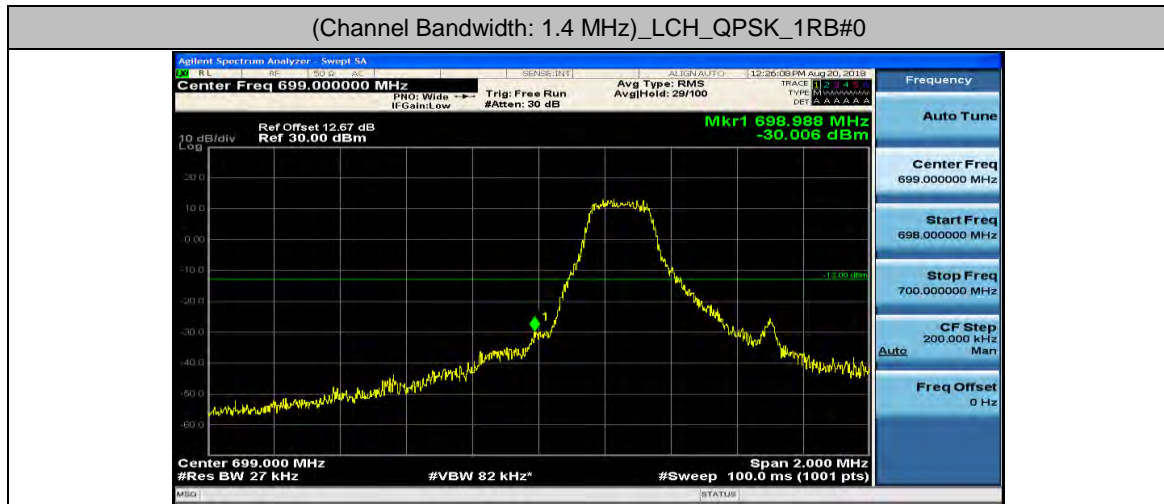




## Appendix D: Band Edge

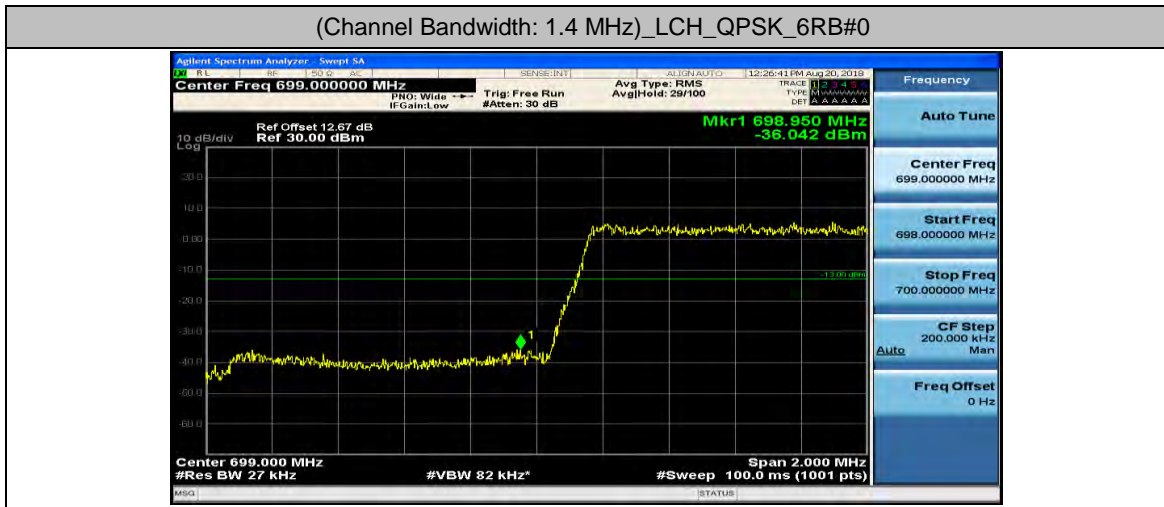
### Test Graphs

Channel Bandwidth: 1.4 MHz

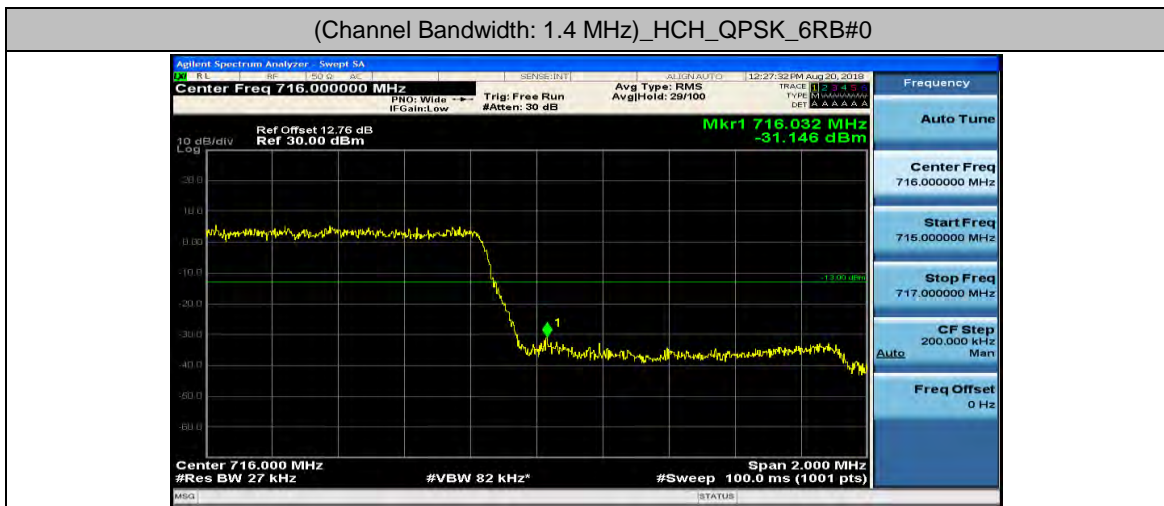




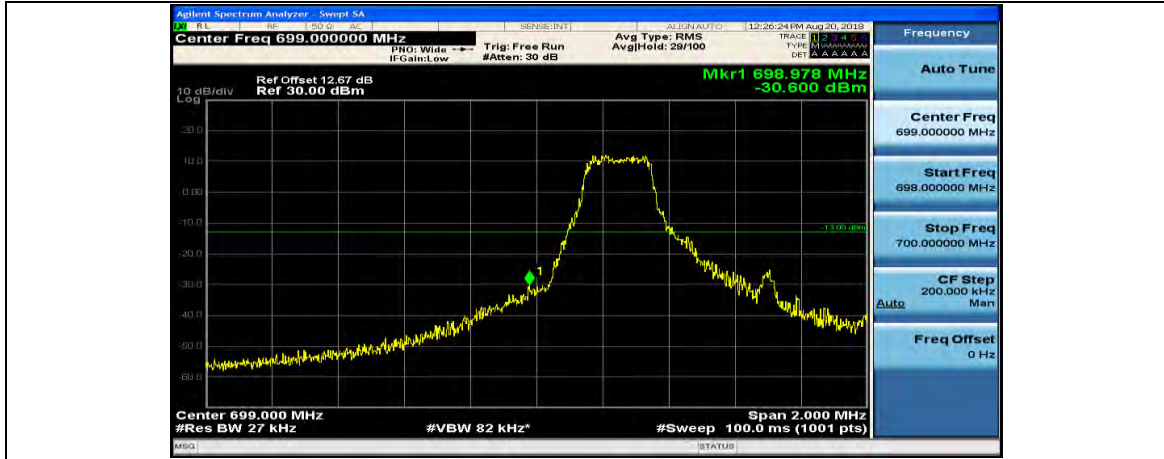
(Channel Bandwidth: 1.4 MHz) LCH\_QPSK\_6RB#0



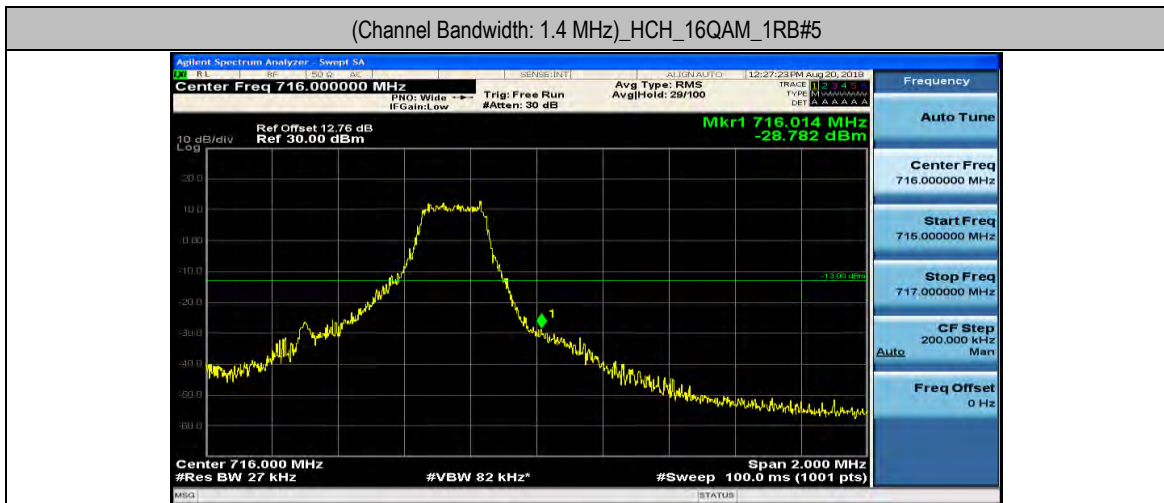
(Channel Bandwidth: 1.4 MHz) HCH\_QPSK\_6RB#0



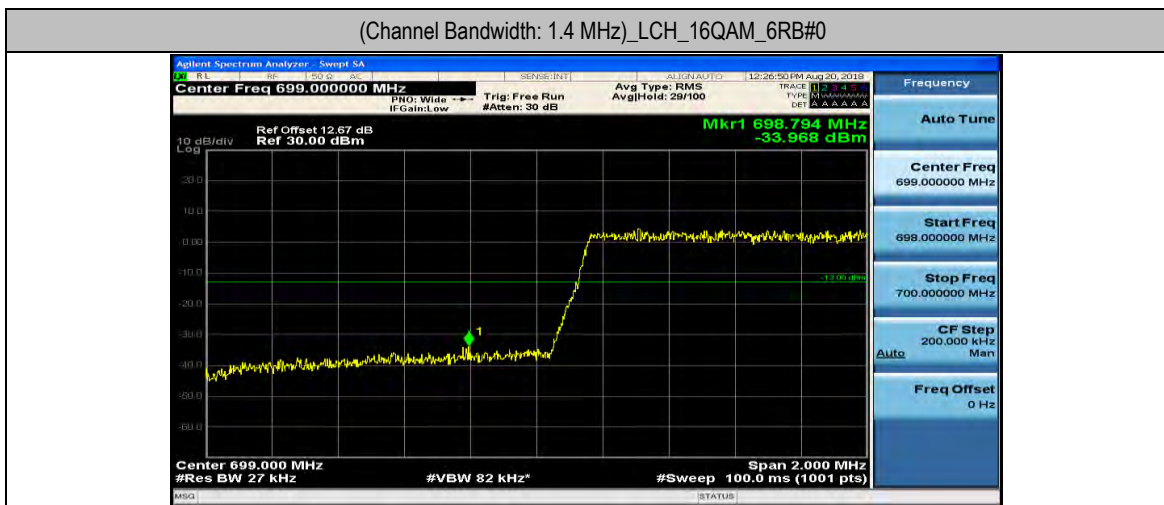
(Channel Bandwidth: 1.4 MHz) LCH\_16QAM\_1RB#0



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

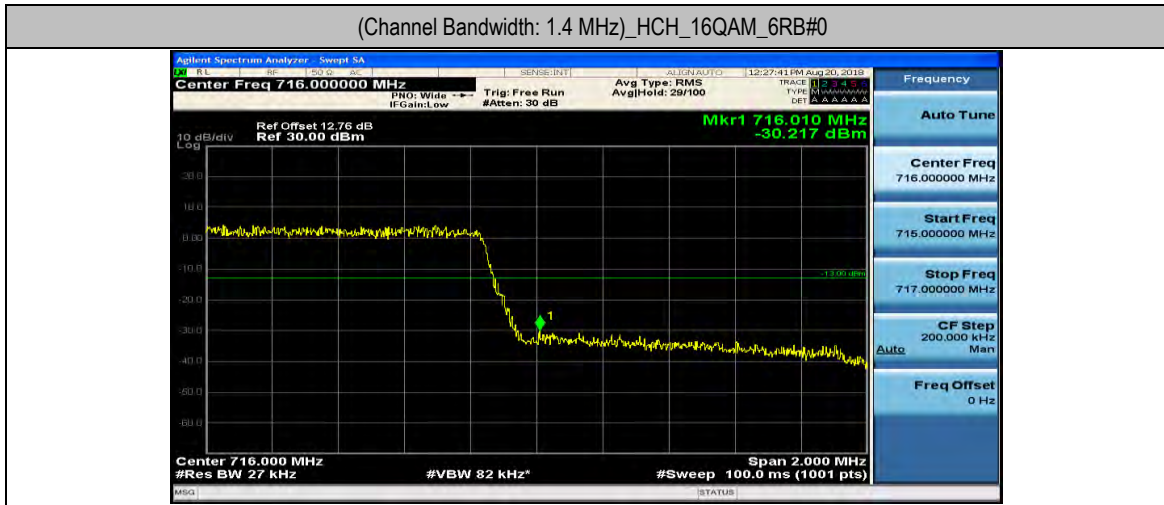


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



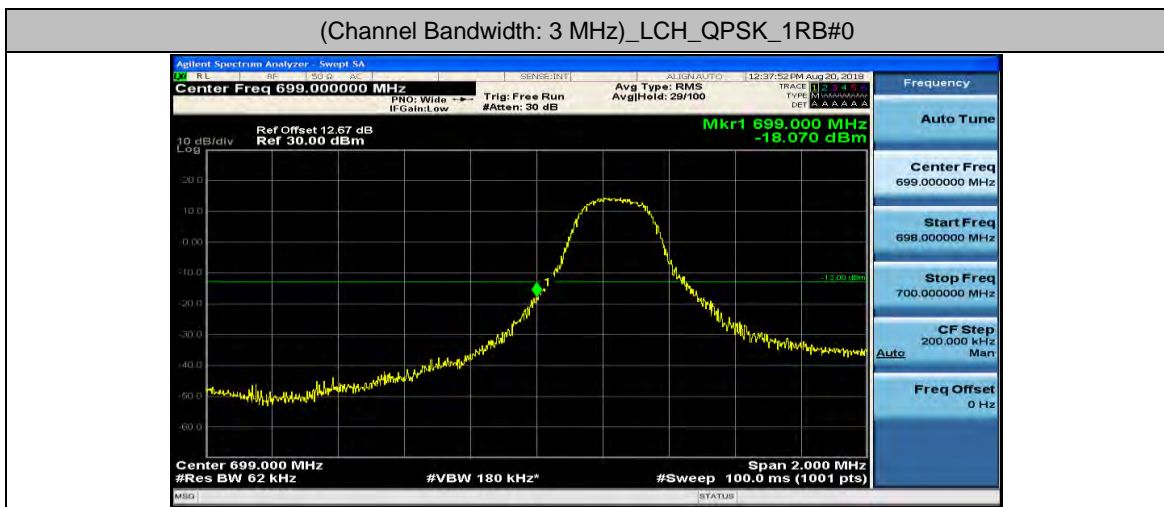


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



### Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#14





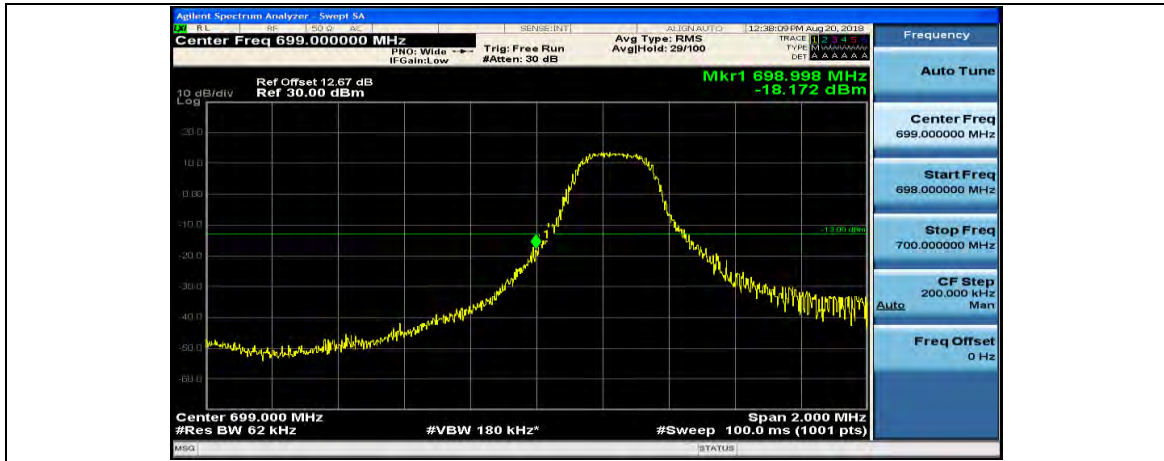
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



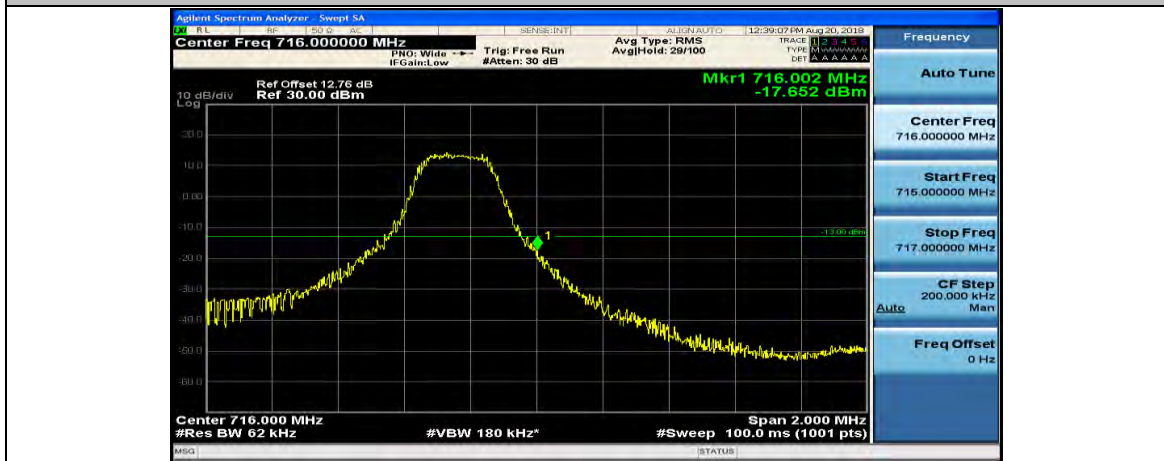
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#14

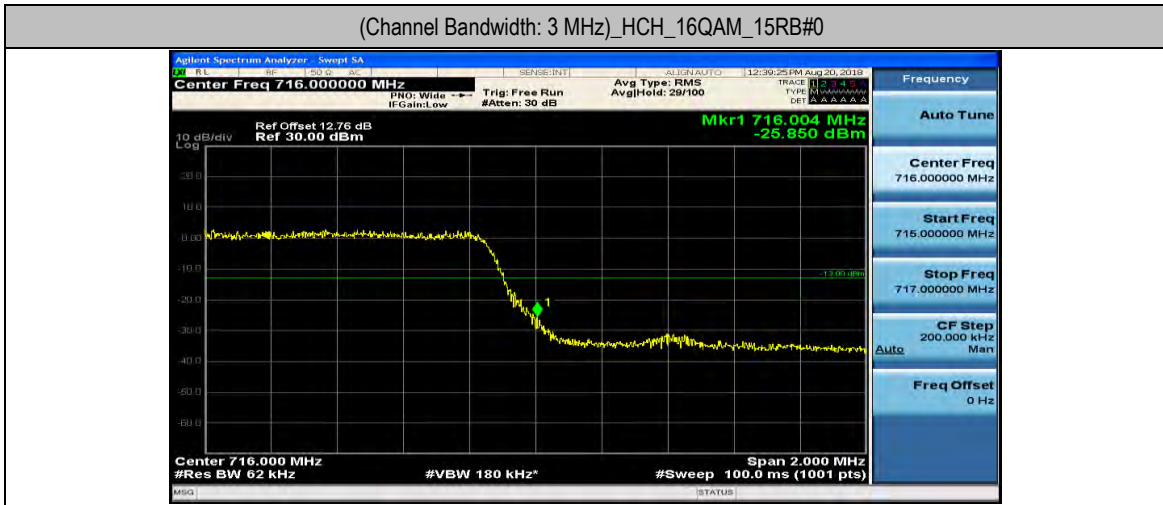


(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



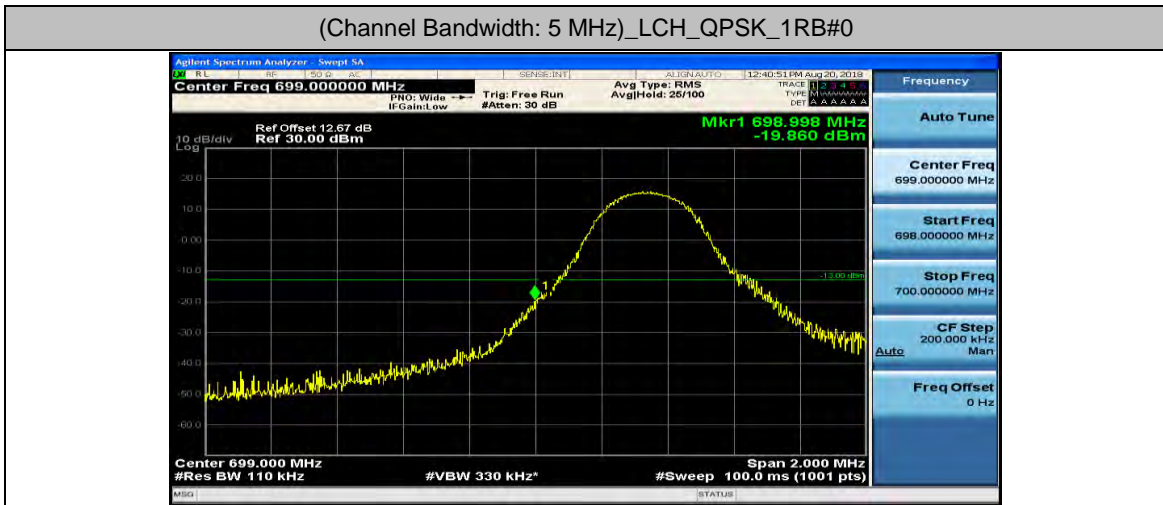


(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0

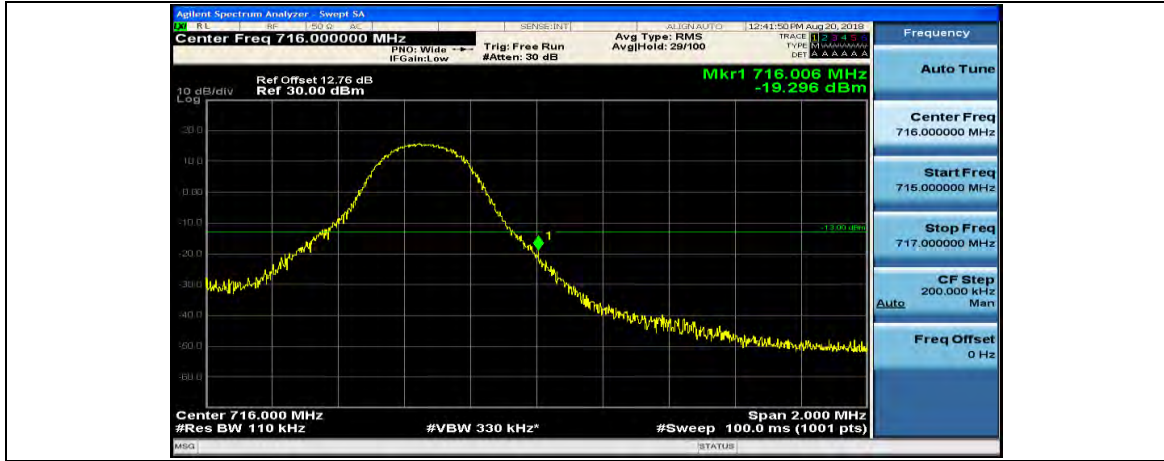


### Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0

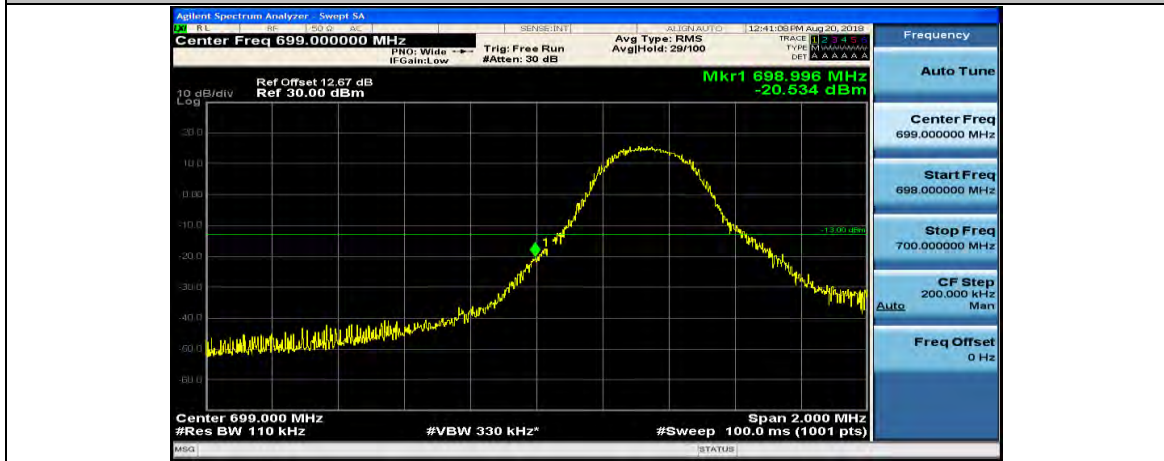


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0

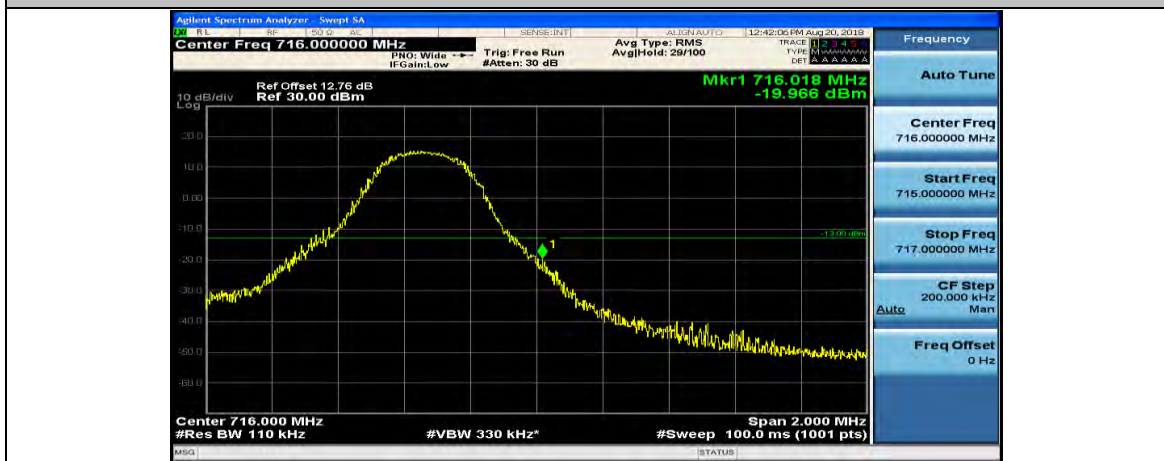




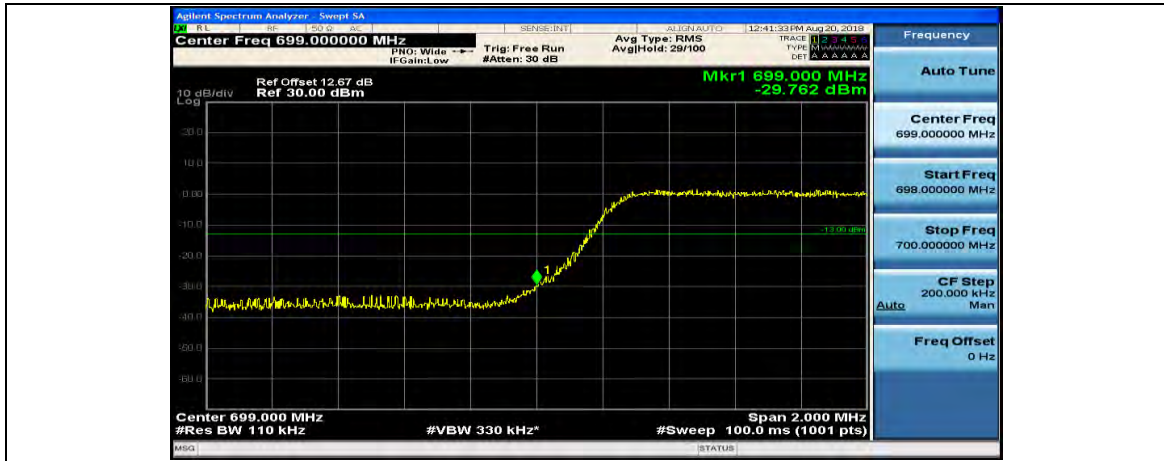
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



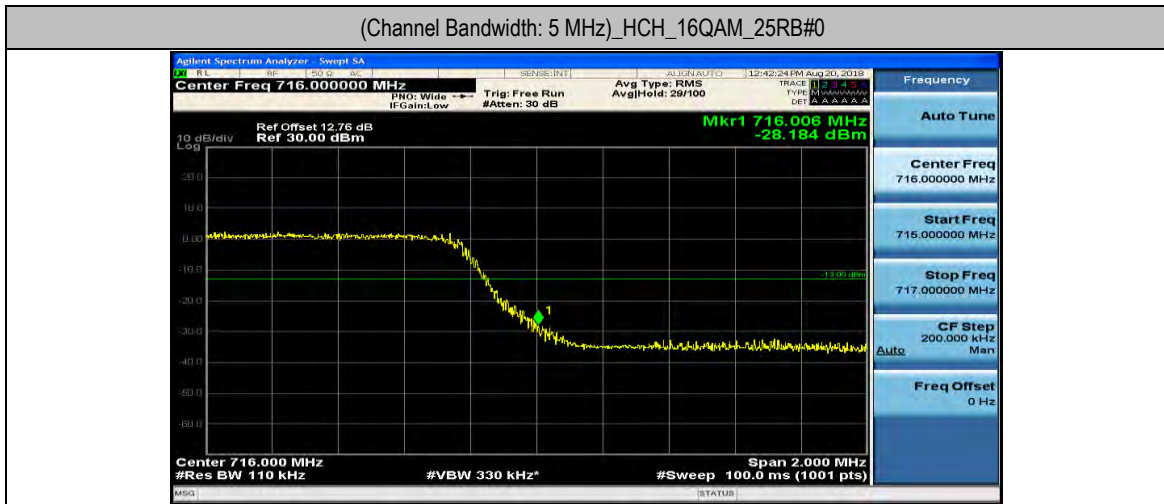
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0

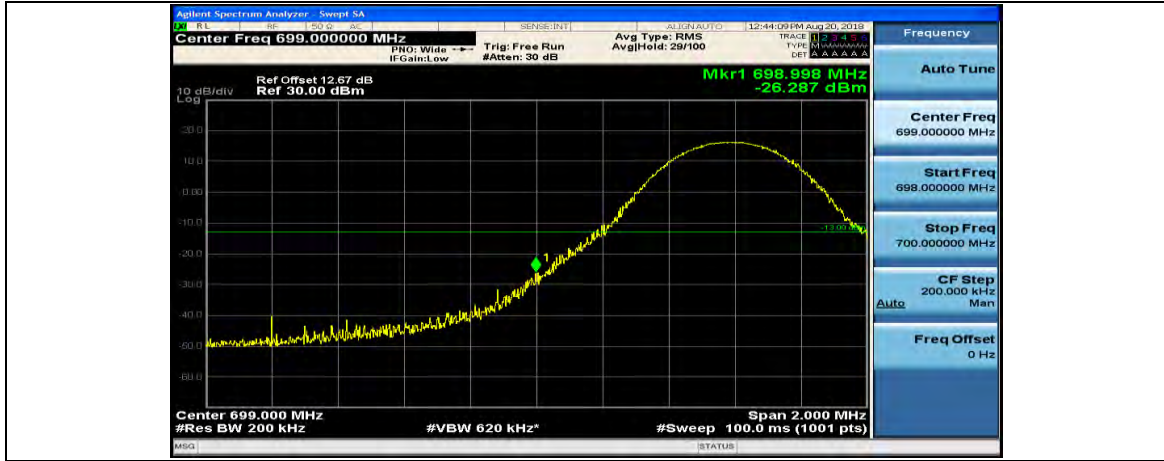


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

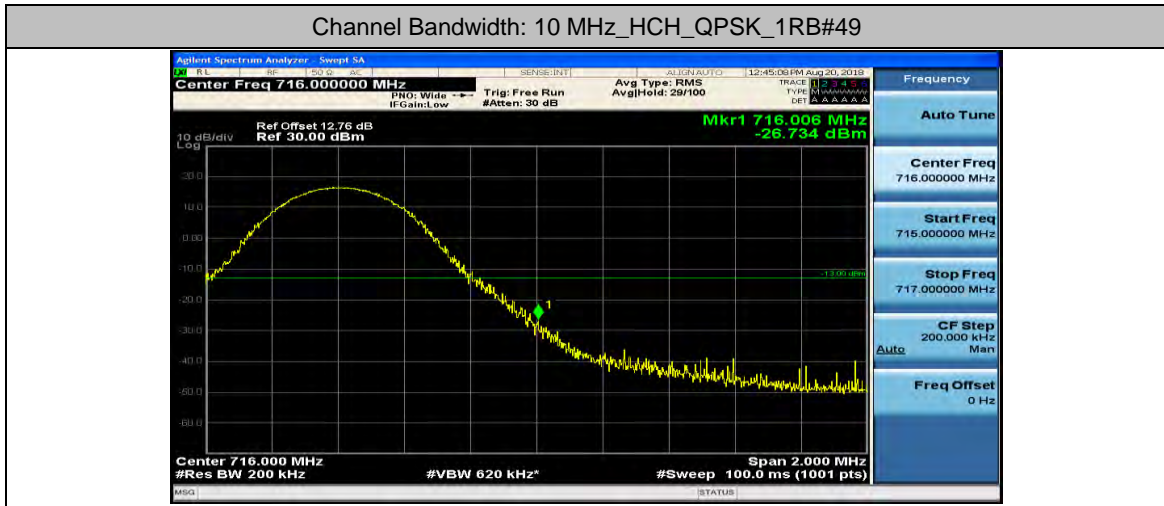


Channel Bandwidth: 10 MHz

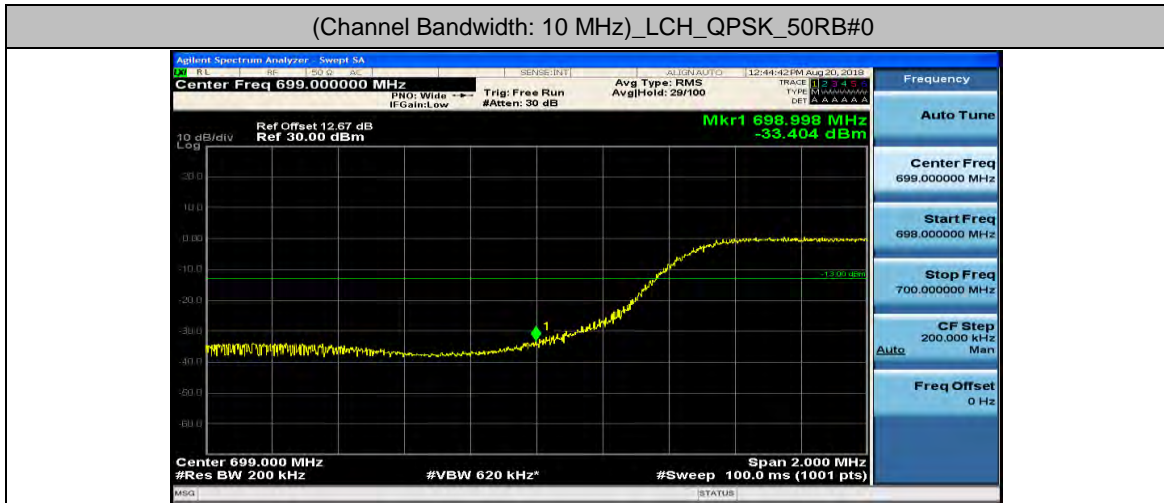
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49



(Channel Bandwidth: 10 MHz)\_LCH\_QPSK\_50RB#0

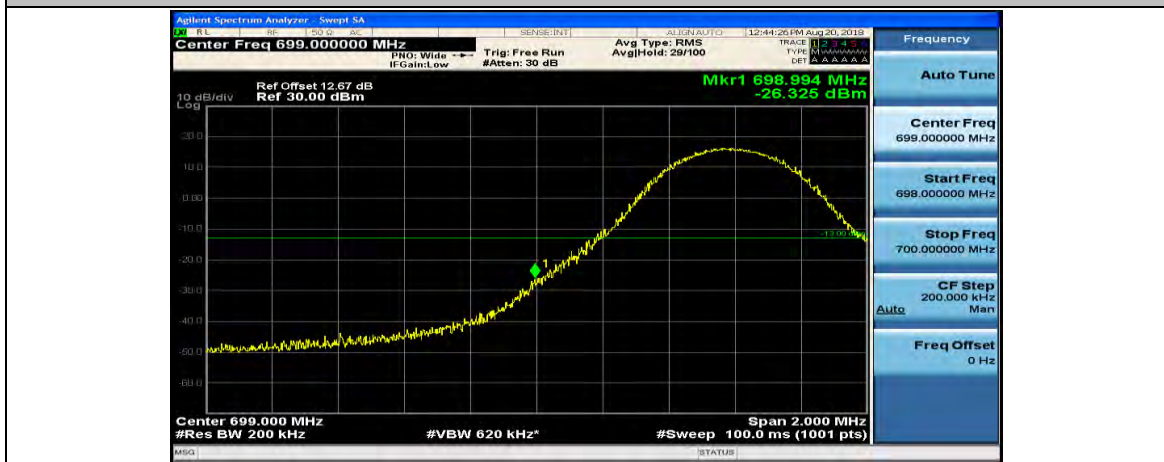




(Channel Bandwidth: 10 MHz)\_HCH\_QPSK\_50RB#0

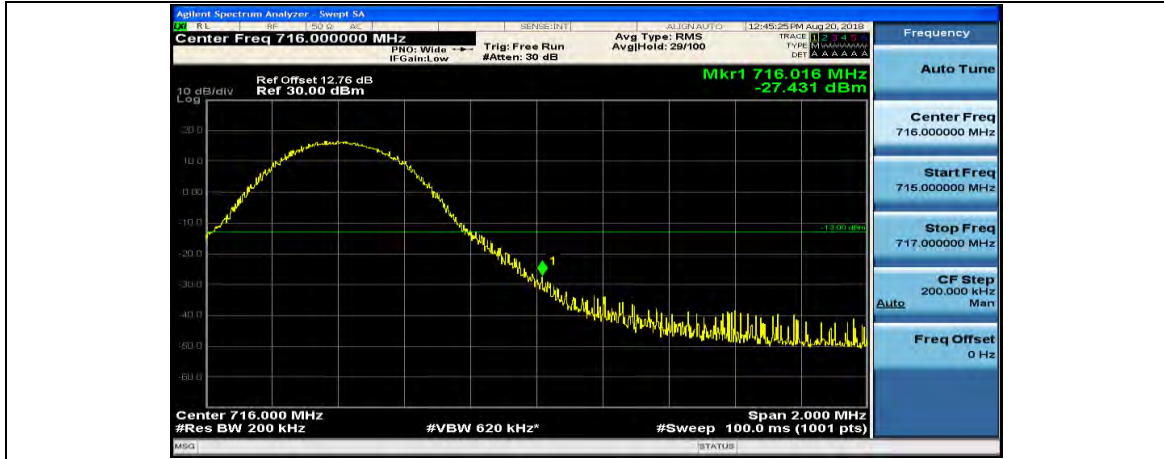


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49

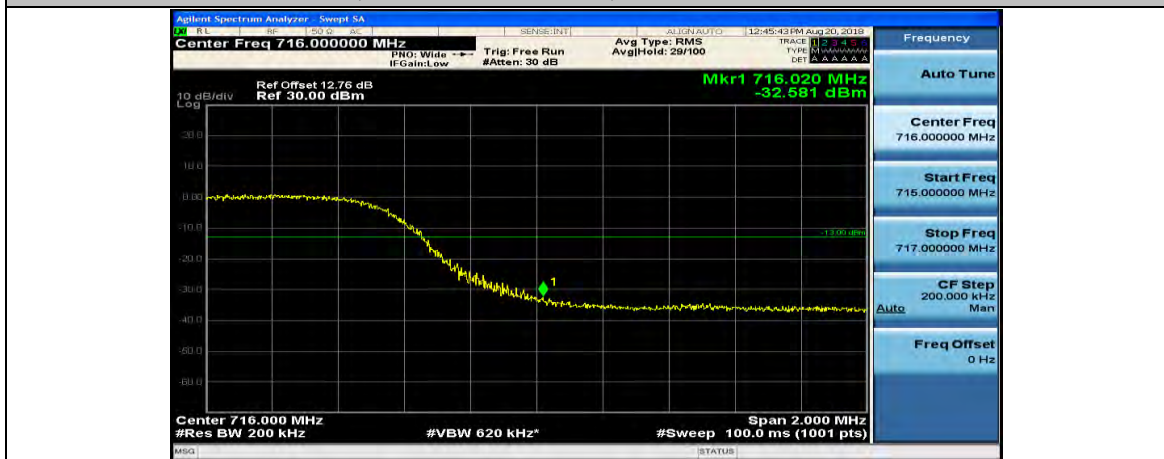




(Channel Bandwidth: 10 MHz)\_LCH\_16QAM\_50RB#0



(Channel Bandwidth: 10 MHz)\_HCH\_16QAM\_50RB#0

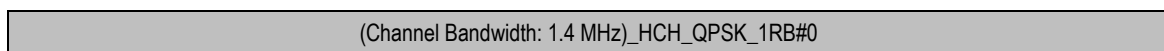
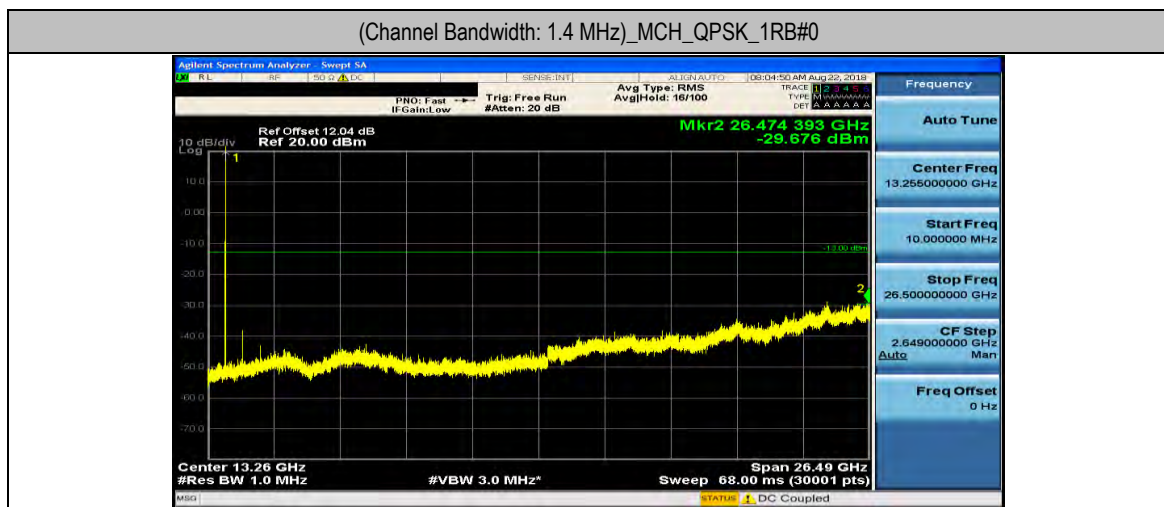


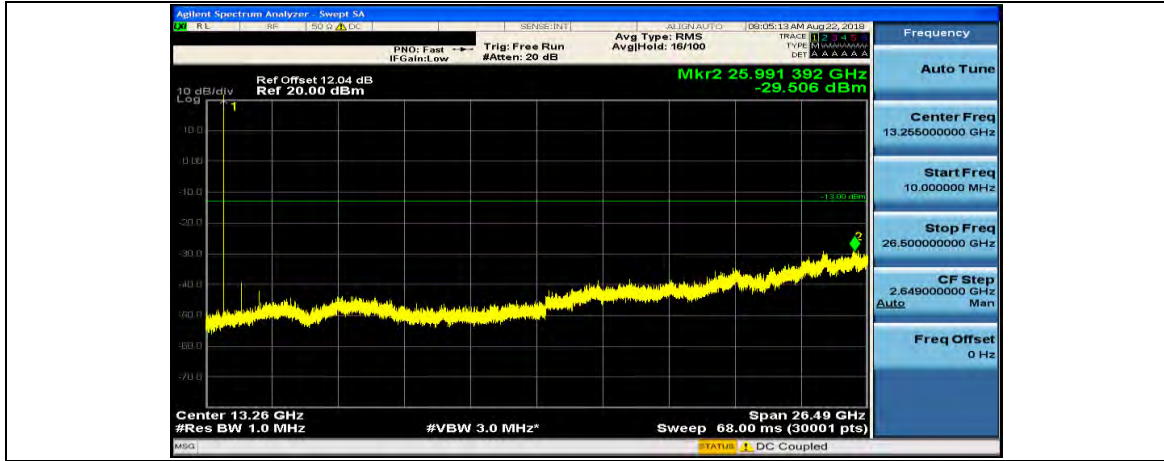


## Appendix E: Conducted Spurious Emission

### Test Graphs

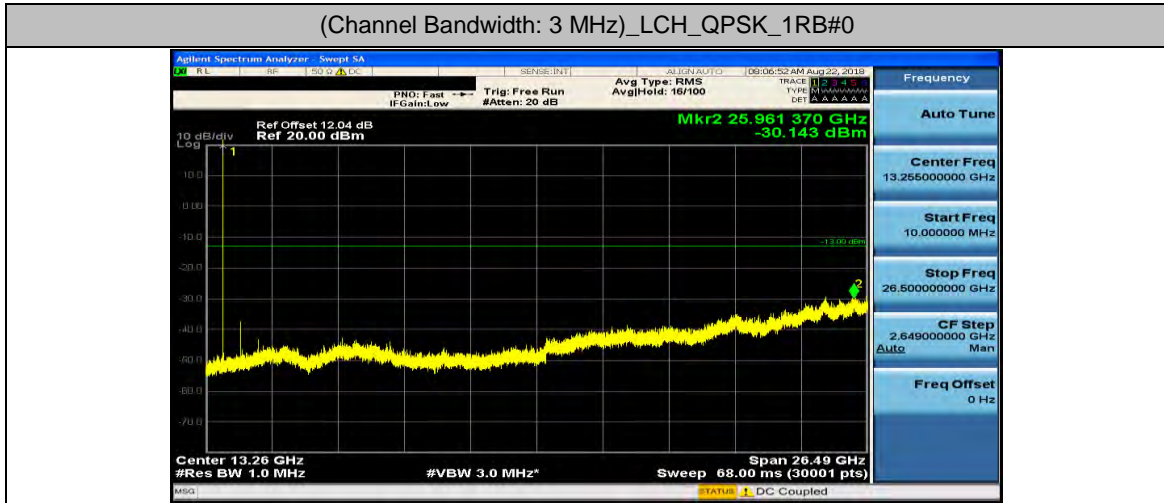
Channel Bandwidth: 1.4 MHz



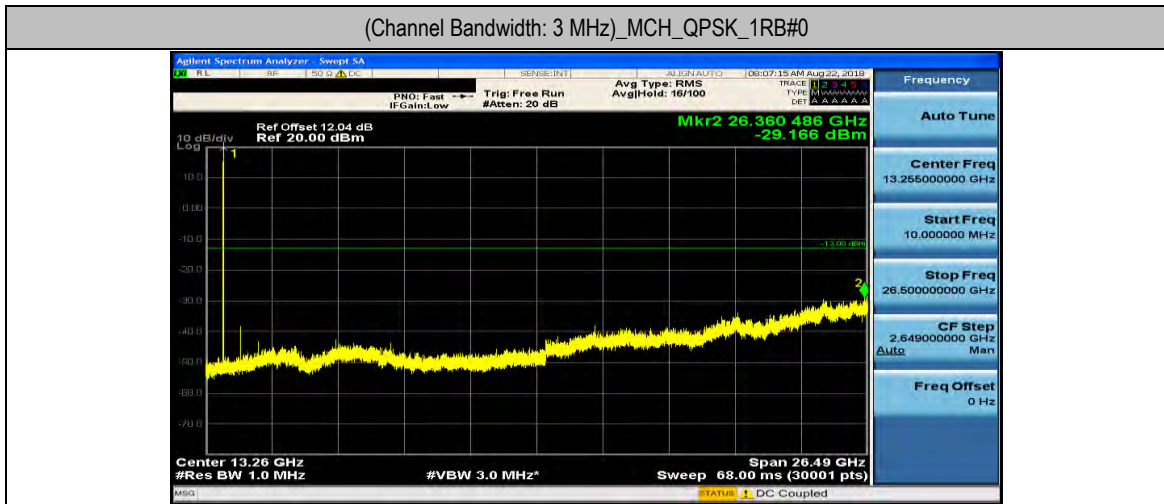


Channel Bandwidth: 3 MHz

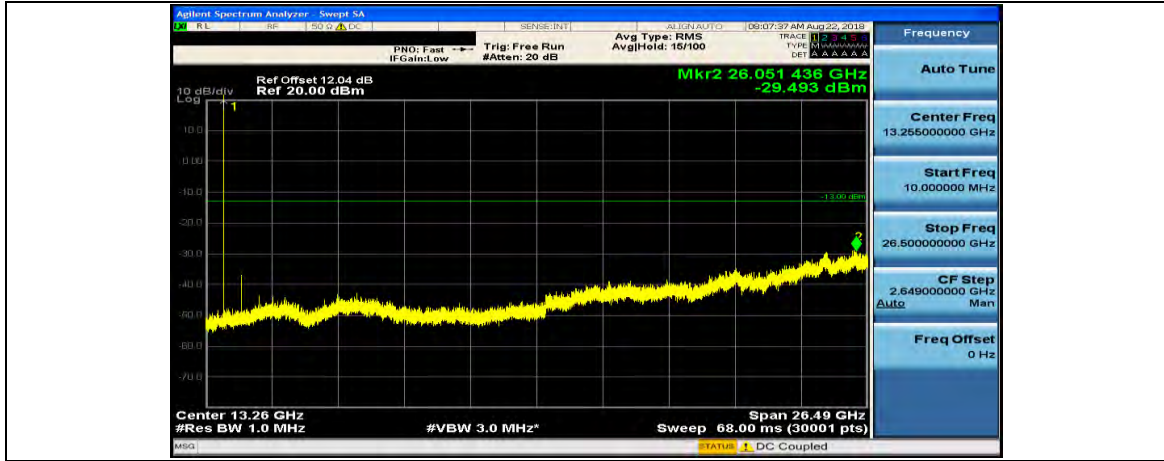
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#0

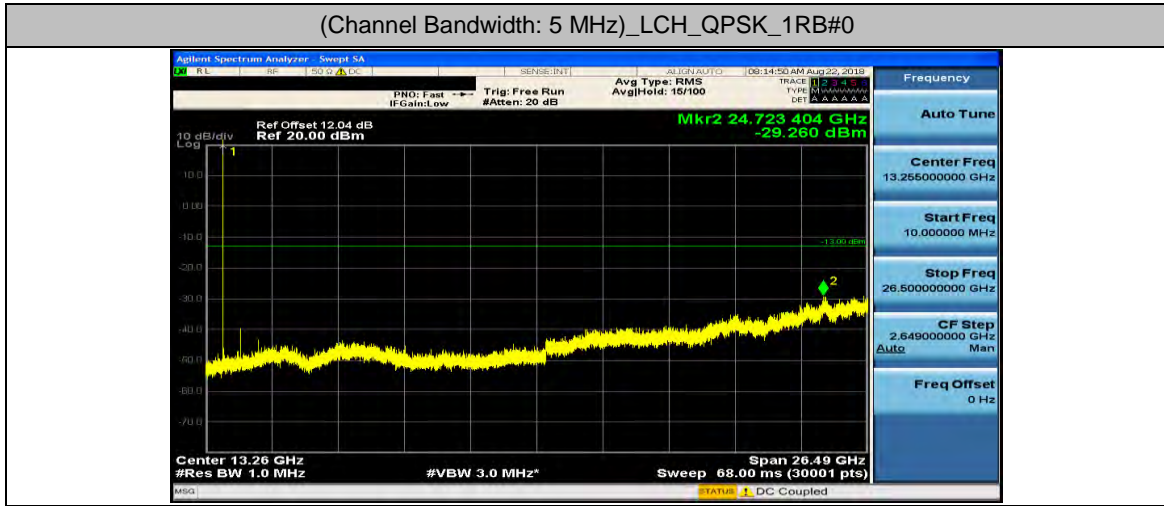


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#0

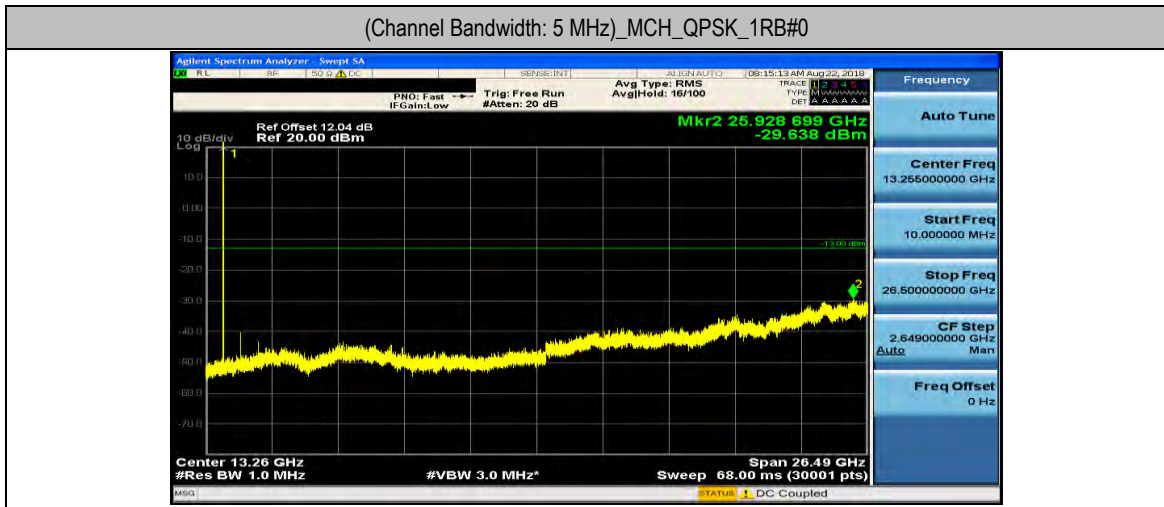


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



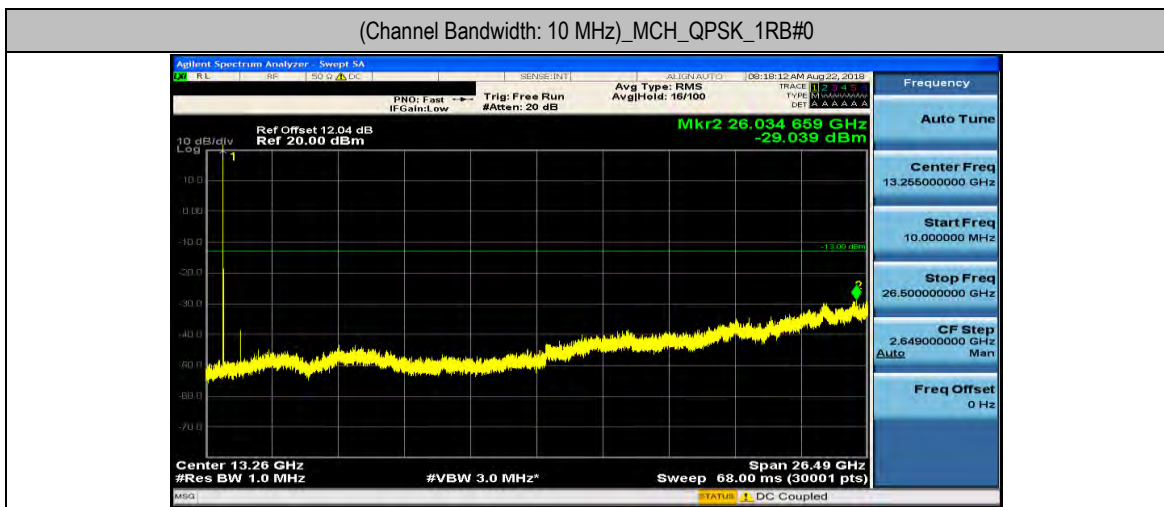
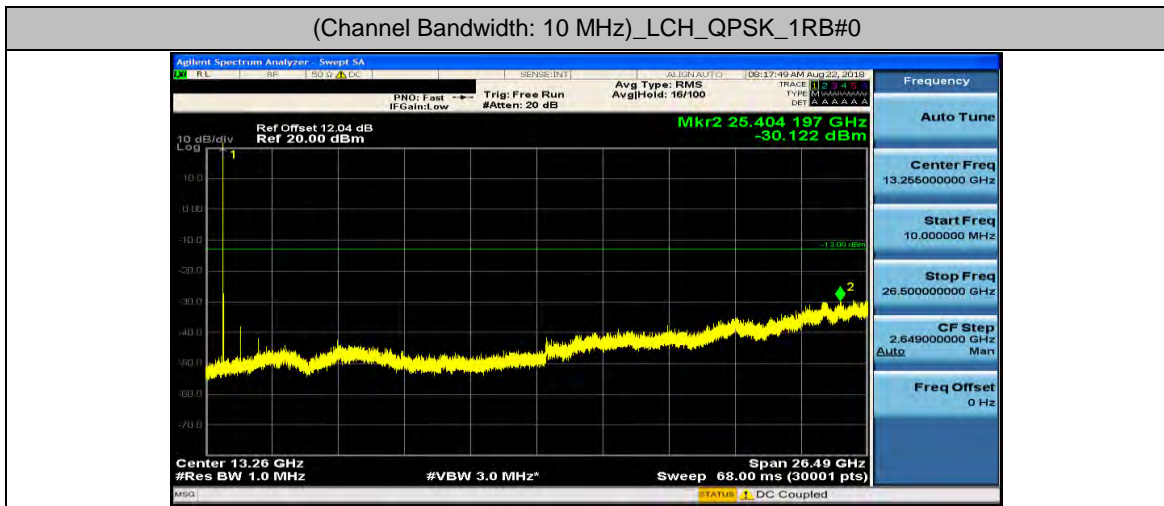
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



Channel Bandwidth: 10 MHz







## Appendix F: Frequency Stability

### Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.00	0.001429	± 2.5	PASS
		VN	TN	0.70	0.001000	± 2.5	PASS
		VH	TN	-1.40	-0.002001	± 2.5	PASS
	MCH	VL	TN	0.70	0.000989	± 2.5	PASS
		VN	TN	-0.10	-0.000141	± 2.5	PASS
		VH	TN	-1.00	-0.001413	± 2.5	PASS
	HCH	VL	TN	-0.40	-0.000559	± 2.5	PASS
		VN	TN	0.30	0.000419	± 2.5	PASS
		VH	TN	0.50	0.000699	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.70	-0.002430	± 2.5	PASS
		VN	-20	-0.90	-0.001286	± 2.5	PASS
		VN	-10	-0.10	-0.000143	± 2.5	PASS
		VN	0	0.50	0.000715	± 2.5	PASS
		VN	10	0.40	0.000572	± 2.5	PASS
		VN	20	-0.80	-0.001143	± 2.5	PASS
		VN	30	1.50	0.002144	± 2.5	PASS
		VN	40	0.30	0.000429	± 2.5	PASS
		VN	50	1.00	0.001429	± 2.5	PASS
	MCH	VN	-30	-0.30	-0.000424	± 2.5	PASS
		VN	-20	0.30	0.000424	± 2.5	PASS
		VN	-10	0.30	0.000424	± 2.5	PASS
		VN	0	0.20	0.000283	± 2.5	PASS
		VN	10	0.30	0.000424	± 2.5	PASS
		VN	20	-0.10	-0.000141	± 2.5	PASS
		VN	30	0.00	0.000000	± 2.5	PASS
		VN	40	1.30	0.001837	± 2.5	PASS
		VN	50	0.40	0.000565	± 2.5	PASS
	HCH	VN	-30	-0.60	-0.000839	± 2.5	PASS
		VN	-20	0.90	0.001258	± 2.5	PASS
		VN	-10	0.20	0.000280	± 2.5	PASS
		VN	0	0.60	0.000839	± 2.5	PASS
		VN	10	-1.70	-0.002377	± 2.5	PASS



		VN	20	-1.30	-0.001817	± 2.5	PASS
		VN	30	0.70	0.000979	± 2.5	PASS
		VN	40	-0.20	-0.000280	± 2.5	PASS
		VN	50	0.60	0.000839	± 2.5	PASS

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.00	0.001428	± 2.5	PASS
		VN	TN	0.00	0.000000	± 2.5	PASS
		VH	TN	-1.10	-0.001570	± 2.5	PASS
	MCH	VL	TN	1.40	0.001979	± 2.5	PASS
		VN	TN	-1.00	-0.001413	± 2.5	PASS
		VH	TN	-1.40	-0.001979	± 2.5	PASS
	HCH	VL	TN	-1.80	-0.002519	± 2.5	PASS
		VN	TN	-5.30	-0.007418	± 2.5	PASS
		VH	TN	-4.60	-0.006438	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.70	-0.003854	± 2.5	PASS
		VN	-20	0.80	0.001142	± 2.5	PASS
		VN	-10	0.20	0.000286	± 2.5	PASS
		VN	0	1.00	0.001428	± 2.5	PASS
		VN	10	0.10	0.000143	± 2.5	PASS
		VN	20	-1.90	-0.002712	± 2.5	PASS
		VN	30	-2.30	-0.003283	± 2.5	PASS
		VN	40	-0.50	-0.000714	± 2.5	PASS
		VN	50	-2.30	-0.003283	± 2.5	PASS
	MCH	VN	-30	1.70	0.002403	± 2.5	PASS
		VN	-20	-0.40	-0.000565	± 2.5	PASS
		VN	-10	-0.40	-0.000565	± 2.5	PASS
		VN	0	-0.50	-0.000707	± 2.5	PASS
		VN	10	-1.60	-0.002261	± 2.5	PASS
		VN	20	0.60	0.000848	± 2.5	PASS
		VN	30	-1.30	-0.001837	± 2.5	PASS
		VN	40	1.10	0.001555	± 2.5	PASS
		VN	50	-1.30	-0.001837	± 2.5	PASS
	HCH	VN	-30	-1.70	-0.002379	± 2.5	PASS
		VN	-20	0.50	0.000700	± 2.5	PASS
		VN	-10	-3.80	-0.005318	± 2.5	PASS
		VN	0	-7.70	-0.010777	± 2.5	PASS
		VN	10	-1.10	-0.001540	± 2.5	PASS
		VN	20	1.30	0.001819	± 2.5	PASS





		VN	30	0.90	0.001260	± 2.5	PASS
		VN	40	-8.30	-0.011617	± 2.5	PASS
		VN	50	0.90	0.001260	± 2.5	PASS

### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-2.60	-0.003706	± 2.5	PASS
		VN	TN	-1.30	-0.001853	± 2.5	PASS
		VH	TN	-1.40	-0.001996	± 2.5	PASS
	MCH	VL	TN	-2.50	-0.003534	± 2.5	PASS
		VN	TN	0.80	0.001131	± 2.5	PASS
		VH	TN	-1.40	-0.001979	± 2.5	PASS
	HCH	VL	TN	0.40	0.000561	± 2.5	PASS
		VN	TN	-1.20	-0.001682	± 2.5	PASS
		VH	TN	-0.40	-0.000561	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.30	-0.000428	± 2.5	PASS
		VN	-20	-1.80	-0.002566	± 2.5	PASS
		VN	-10	-0.10	-0.000143	± 2.5	PASS
		VN	0	0.60	0.000855	± 2.5	PASS
		VN	10	0.30	0.000428	± 2.5	PASS
		VN	20	-1.00	-0.001426	± 2.5	PASS
		VN	30	-2.10	-0.002994	± 2.5	PASS
		VN	40	0.30	0.000428	± 2.5	PASS
	MCH	VN	50	-1.00	-0.001426	± 2.5	PASS
		VN	-30	-1.50	-0.002120	± 2.5	PASS
		VN	-20	-0.80	-0.001131	± 2.5	PASS
		VN	-10	-0.10	-0.000141	± 2.5	PASS
		VN	0	-0.50	-0.000707	± 2.5	PASS
		VN	10	0.50	0.000707	± 2.5	PASS
		VN	20	-0.70	-0.000989	± 2.5	PASS
		VN	30	-1.80	-0.002544	± 2.5	PASS
	HCH	VN	40	-1.30	-0.001837	± 2.5	PASS
		VN	50	-1.70	-0.002403	± 2.5	PASS
		VN	-30	0.50	0.000701	± 2.5	PASS
		VN	-20	0.30	0.000420	± 2.5	PASS
		VN	-10	-1.60	-0.002242	± 2.5	PASS
		VN	0	-0.30	-0.000420	± 2.5	PASS
		VN	10	-1.70	-0.002383	± 2.5	PASS
		VN	20	-0.60	-0.000841	± 2.5	PASS
	VN	30	-2.20	-0.003083	± 2.5	PASS	



		VN	40	0.30	0.000420	± 2.5	PASS
		VN	50	-2.40	-0.003364	± 2.5	PASS

### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.40	0.001989	± 2.5	PASS
		VN	TN	0.00	0.000000	± 2.5	PASS
		VH	TN	0.80	0.001136	± 2.5	PASS
	MCH	VL	TN	1.30	0.001837	± 2.5	PASS
		VN	TN	-0.20	-0.000283	± 2.5	PASS
		VH	TN	0.20	0.000283	± 2.5	PASS
	HCH	VL	TN	-3.40	-0.004782	± 2.5	PASS
		VN	TN	-0.80	-0.001125	± 2.5	PASS
		VH	TN	-2.30	-0.003235	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.10	-0.001563	± 2.5	PASS
		VN	-20	0.70	0.000994	± 2.5	PASS
		VN	-10	0.80	0.001136	± 2.5	PASS
		VN	0	1.80	0.002557	± 2.5	PASS
		VN	10	0.70	0.000994	± 2.5	PASS
		VN	20	-0.90	-0.001278	± 2.5	PASS
		VN	30	1.10	0.001563	± 2.5	PASS
		VN	40	-1.40	-0.001989	± 2.5	PASS
		VN	50	-2.00	-0.002841	± 2.5	PASS
	MCH	VN	-30	-0.50	-0.000707	± 2.5	PASS
		VN	-20	0.10	0.000141	± 2.5	PASS
		VN	-10	0.30	0.000424	± 2.5	PASS
		VN	0	0.20	0.000283	± 2.5	PASS
		VN	10	0.30	0.000424	± 2.5	PASS
		VN	20	1.50	0.002120	± 2.5	PASS
		VN	30	-0.20	-0.000283	± 2.5	PASS
		VN	40	-0.70	-0.000989	± 2.5	PASS
		VN	50	-1.40	-0.001979	± 2.5	PASS
	HCH	VN	-30	-3.20	-0.004501	± 2.5	PASS
		VN	-20	-2.50	-0.003516	± 2.5	PASS
		VN	-10	-3.60	-0.005063	± 2.5	PASS
		VN	0	-3.00	-0.004219	± 2.5	PASS
		VN	10	-0.30	-0.000422	± 2.5	PASS
		VN	20	0.30	0.000422	± 2.5	PASS
		VN	30	-3.60	-0.005063	± 2.5	PASS
		VN	40	-1.50	-0.002110	± 2.5	PASS



		VN	50	-1.10	-0.001547	± 2.5	PASS
--	--	----	----	-------	-----------	-------	------