



## 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	22.91	PASS
		1	5	22.75	PASS
		3	0	22.86	PASS
		3	1	22.90	PASS
		3	3	22.81	PASS
		6	0	21.91	PASS
	MCH	1	0	22.83	PASS
		1	2	22.88	PASS
		1	5	22.84	PASS
		3	0	22.85	PASS
		3	1	22.93	PASS
		3	3	22.82	PASS
		6	0	21.91	PASS
	HCH	1	0	22.84	PASS
		1	2	23.07	PASS
		1	5	22.90	PASS
		3	0	23.03	PASS
		3	1	23.01	PASS
		3	3	23.01	PASS
		6	0	22.03	PASS
16QAM	LCH	1	0	22.27	PASS
		1	2	22.23	PASS
		1	5	22.21	PASS
		3	0	22.01	PASS
		3	1	22.05	PASS
		3	3	21.95	PASS
		6	0	21.25	PASS
	MCH	1	0	22.12	PASS
		1	2	22.22	PASS
		1	5	22.15	PASS
		3	0	22.01	PASS



		3	1	22.10	PASS
		3	3	21.99	PASS
		6	0	20.94	PASS
	HCH	1	0	22.24	PASS
		1	2	22.22	PASS
		1	5	22.23	PASS
		3	0	22.13	PASS
		3	1	22.18	PASS
		3	3	22.12	PASS
	6	0	21.23	PASS	

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.96	PASS
		1	7	22.85	PASS
		1	14	22.83	PASS
		8	0	21.95	PASS
		8	3	22.01	PASS
		8	7	22.02	PASS
		15	0	21.99	PASS
	MCH	1	0	22.94	PASS
		1	7	22.87	PASS
		1	14	22.86	PASS
		8	0	22.06	PASS
		8	3	22.06	PASS
		8	7	21.95	PASS
		15	0	22.01	PASS
	HCH	1	0	22.92	PASS
		1	7	22.90	PASS
		1	14	22.86	PASS
		8	0	22.02	PASS
		8	3	22.04	PASS
		8	7	21.96	PASS
		15	0	21.97	PASS
16QAM	LCH	1	0	22.22	PASS
		1	7	22.11	PASS
		1	14	22.08	PASS



		8	0	20.89	PASS
		8	3	20.93	PASS
		8	7	20.96	PASS
		15	0	20.91	PASS
	MCH	1	0	22.13	PASS
		1	7	22.10	PASS
		1	14	22.04	PASS
		8	0	20.99	PASS
		8	3	20.96	PASS
		8	7	20.85	PASS
		15	0	20.96	PASS
	HCH	1	0	22.13	PASS
		1	7	22.10	PASS
		1	14	22.08	PASS
		8	0	20.98	PASS
		8	3	20.94	PASS
		8	7	20.90	PASS
		15	0	20.91	PASS

### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.90	PASS
		1	12	22.88	PASS
		1	24	22.87	PASS
		12	0	21.93	PASS
		12	6	21.89	PASS
		12	13	21.93	PASS
		25	0	21.93	PASS
	MCH	1	0	22.92	PASS
		1	12	22.93	PASS
		1	24	22.86	PASS
		12	0	22.03	PASS
		12	6	21.96	PASS
		12	13	21.93	PASS
		25	0	21.98	PASS
	HCH	1	0	22.89	PASS
		1	12	22.88	PASS
		1	24	22.85	PASS



		12	0	21.95	PASS		
		12	6	22.00	PASS		
		12	13	21.95	PASS		
		25	0	21.94	PASS		
		16QAM	LCH	1	0	22.17	PASS
				1	12	22.18	PASS
				1	24	22.11	PASS
12	0			20.96	PASS		
12	6			20.91	PASS		
12	13			20.92	PASS		
25	0			20.91	PASS		
MCH	1		0	22.18	PASS		
	1		12	22.19	PASS		
	1		24	22.05	PASS		
	12		0	21.05	PASS		
	12		6	21.02	PASS		
	12		13	20.98	PASS		
	25		0	20.95	PASS		
HCH	1		0	22.17	PASS		
	1		12	22.14	PASS		
	1		24	22.13	PASS		
	12		0	20.95	PASS		
	12		6	21.07	PASS		
	12		13	20.98	PASS		
	25		0	20.89	PASS		

### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.90	PASS
		1	24	22.93	PASS
		1	49	22.81	PASS
		25	0	21.88	PASS
		25	12	21.96	PASS
		25	25	21.88	PASS
		50	0	21.86	PASS
	MCH	1	0	22.93	PASS
		1	24	23.00	PASS
		1	49	22.91	PASS



		25	0	21.91	PASS
		25	12	21.96	PASS
		25	25	21.87	PASS
		50	0	21.92	PASS
	HCH	1	0	22.88	PASS
		1	24	23.09	PASS
		1	49	22.93	PASS
		25	0	22.07	PASS
		25	12	22.10	PASS
		25	25	22.09	PASS
	50	0	22.07	PASS	
16QAM	LCH	1	0	22.06	PASS
		1	24	22.18	PASS
		1	49	22.04	PASS
		25	0	20.85	PASS
		25	12	20.90	PASS
		25	25	20.84	PASS
		50	0	20.86	PASS
	MCH	1	0	22.17	PASS
		1	24	22.26	PASS
		1	49	22.16	PASS
		25	0	20.88	PASS
		25	12	20.92	PASS
		25	25	20.86	PASS
		50	0	20.90	PASS
	HCH	1	0	22.26	PASS
		1	24	22.35	PASS
		1	49	22.22	PASS
		25	0	21.05	PASS
		25	12	21.09	PASS
		25	25	21.06	PASS
		50	0	21.06	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	3.96	<13	PASS
16QAM	MCH	1	0	4.75	<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	3.76	<13	PASS
16QAM	MCH	1	0	4.74	<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	3.76	<13	PASS
16QAM	MCH	1	0	4.67	<13	PASS

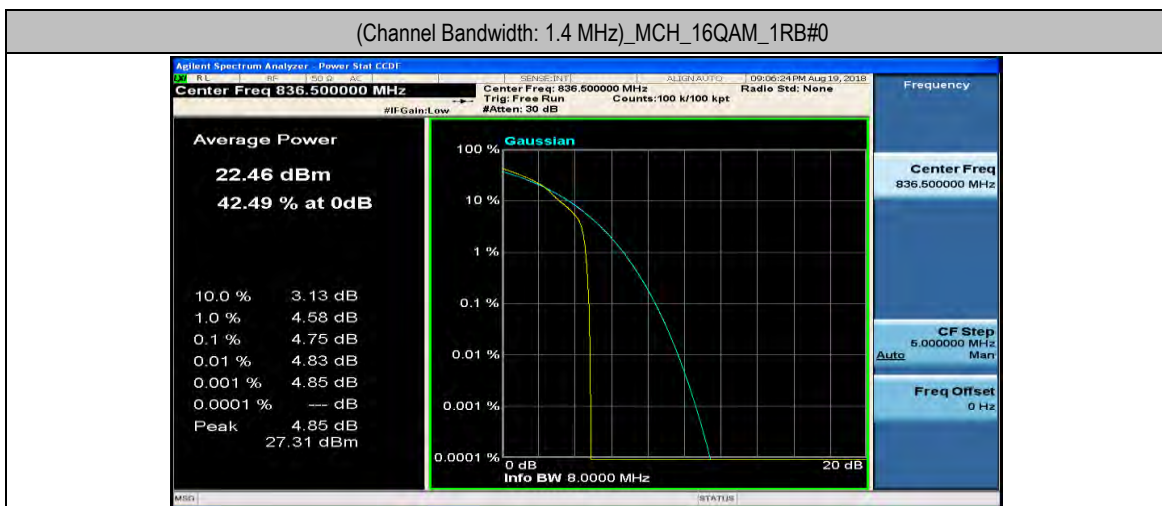
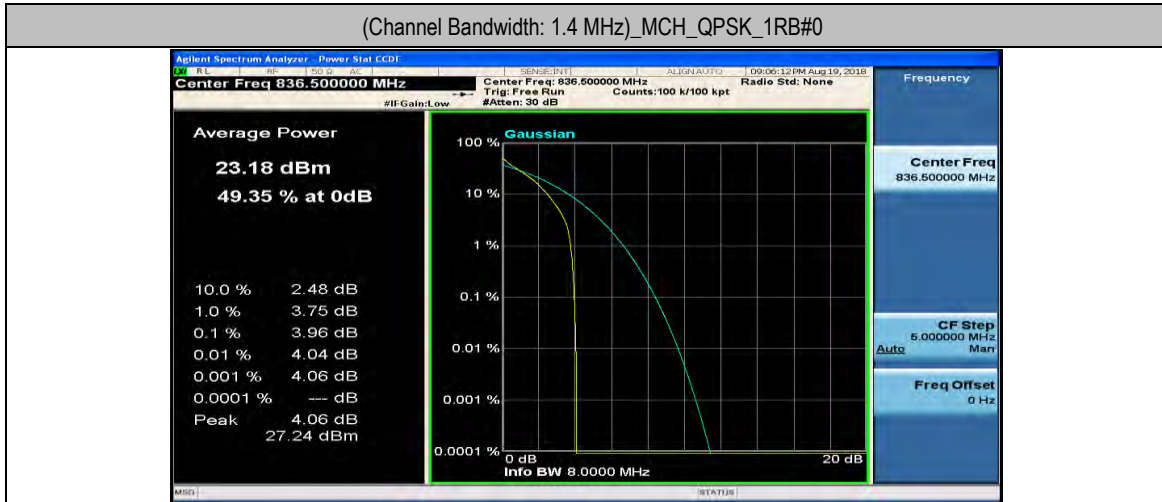
#### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.58	<13	PASS
16QAM	MCH	1	0	4.39	<13	PASS

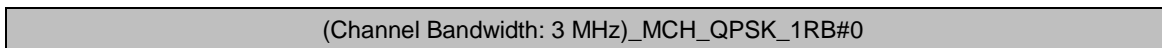


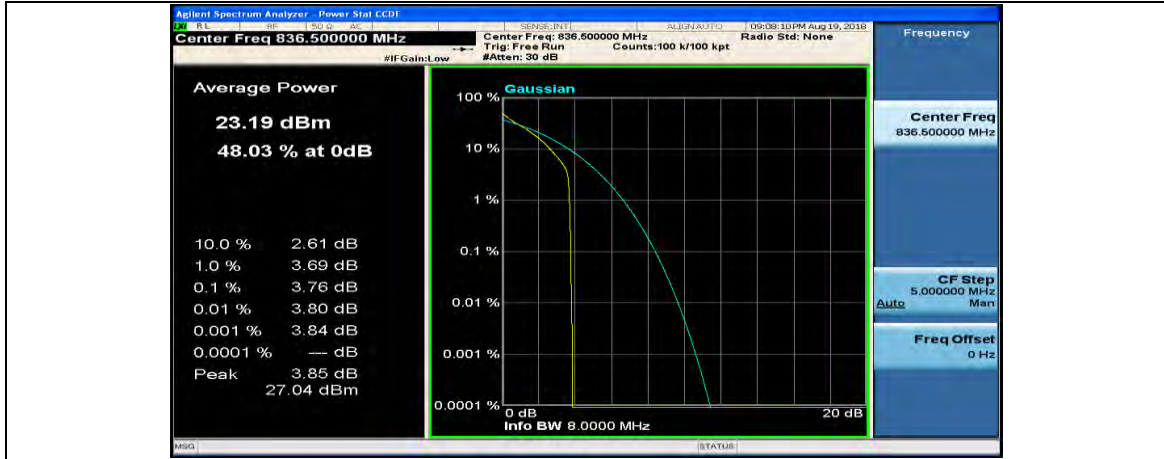
## Test Graphs

### Channel Bandwidth: 1.4 MHz

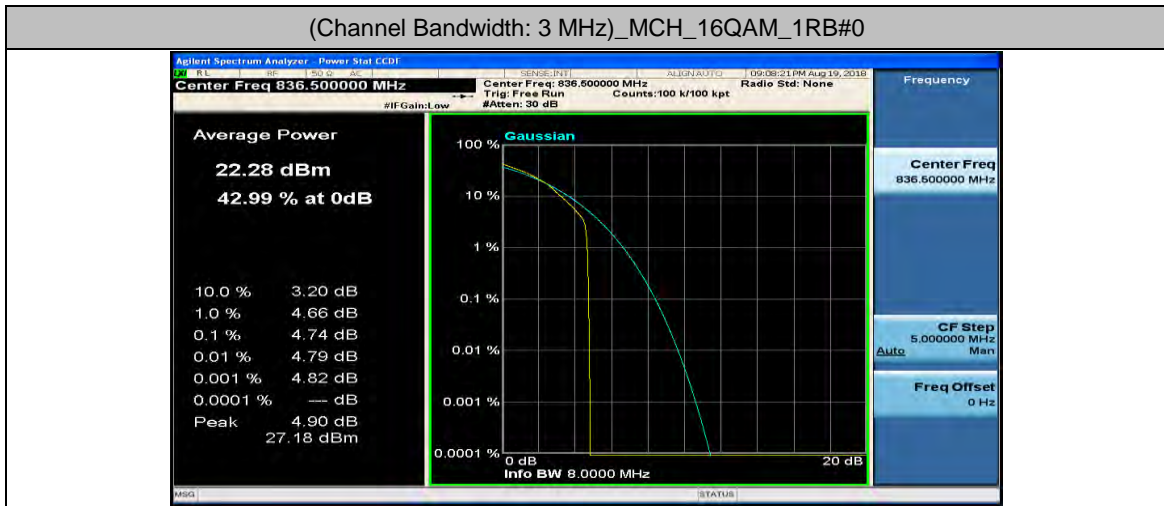


### Channel Bandwidth: 3 MHz



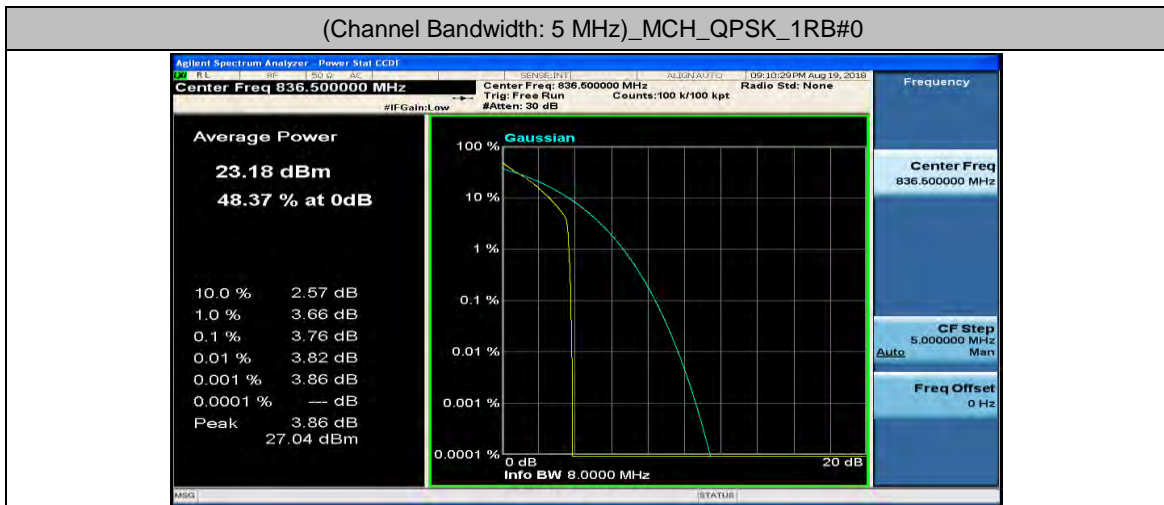


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#0



Channel Bandwidth: 5 MHz

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

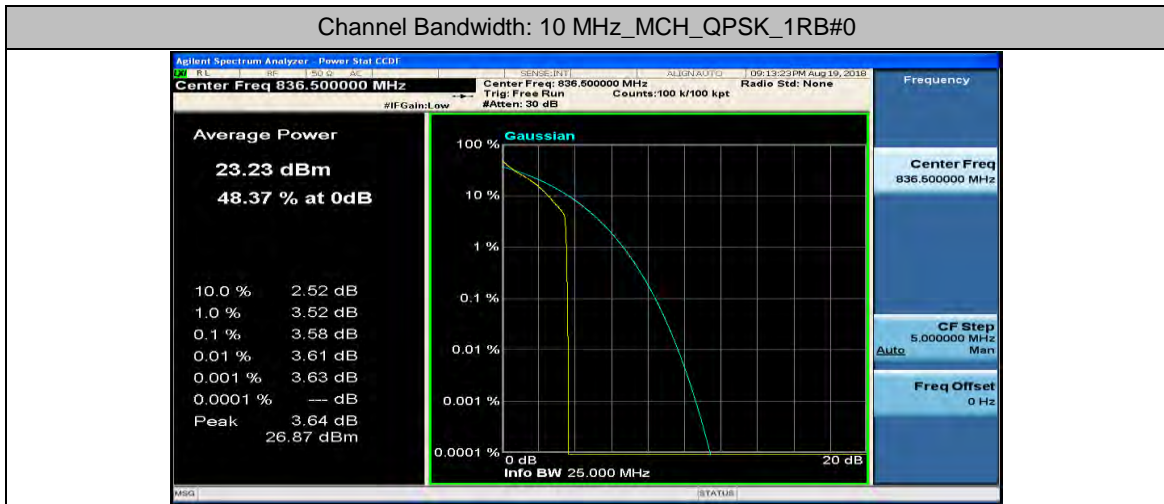


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0

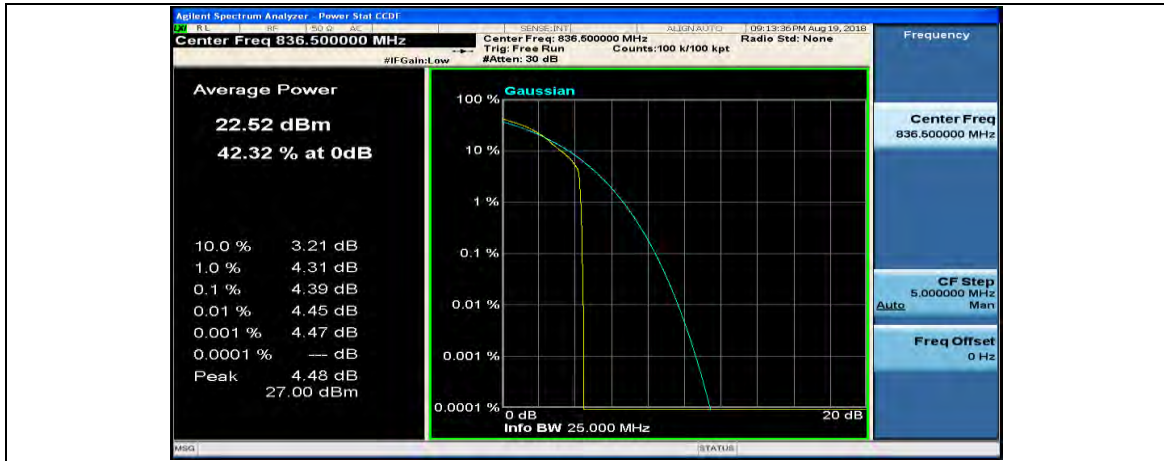




**Channel Bandwidth: 10 MHz**



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	1.0752	1.195	PASS
	MCH	6	0	1.0765	1.195	PASS
	HCH	6	0	1.0756	1.193	PASS
16QAM	LCH	6	0	1.0756	1.200	PASS
	MCH	6	0	1.0763	1.202	PASS
	HCH	6	0	1.0765	1.199	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	2.6846	2.881	PASS
	MCH	15	0	2.6853	2.891	PASS
	HCH	15	0	2.6890	2.893	PASS
16QAM	LCH	15	0	2.6833	2.883	PASS
	MCH	15	0	2.6877	2.906	PASS
	HCH	15	0	2.6862	2.898	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	4.4651	4.750	PASS
	MCH	25	0	4.4748	4.797	PASS
	HCH	25	0	4.4809	4.759	PASS
16QAM	LCH	25	0	4.4813	4.786	PASS
	MCH	25	0	4.4863	4.836	PASS



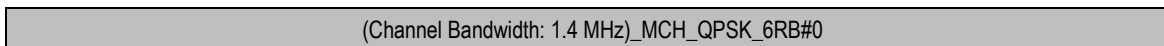
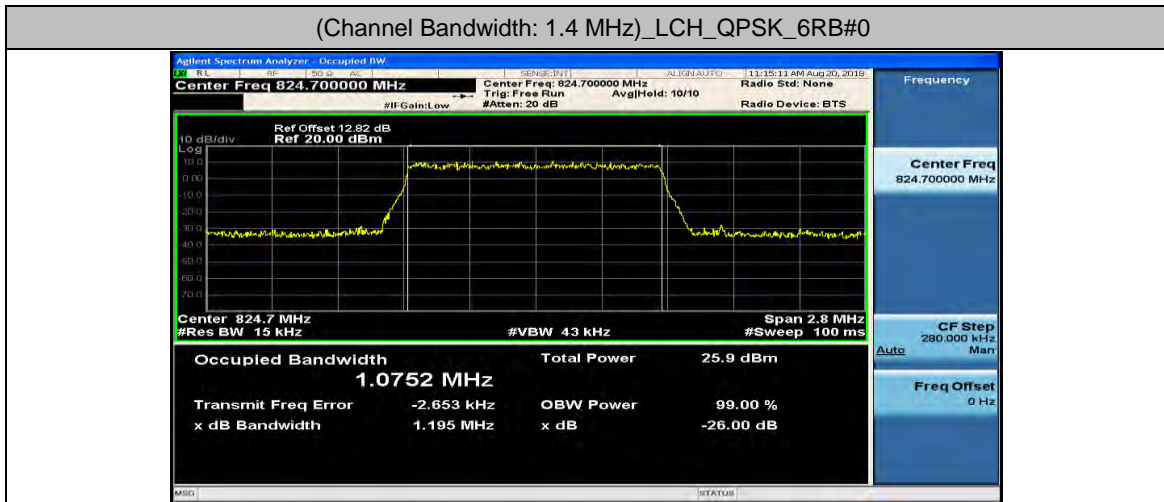
	HCH	25	0	4.4913	4.792	PASS
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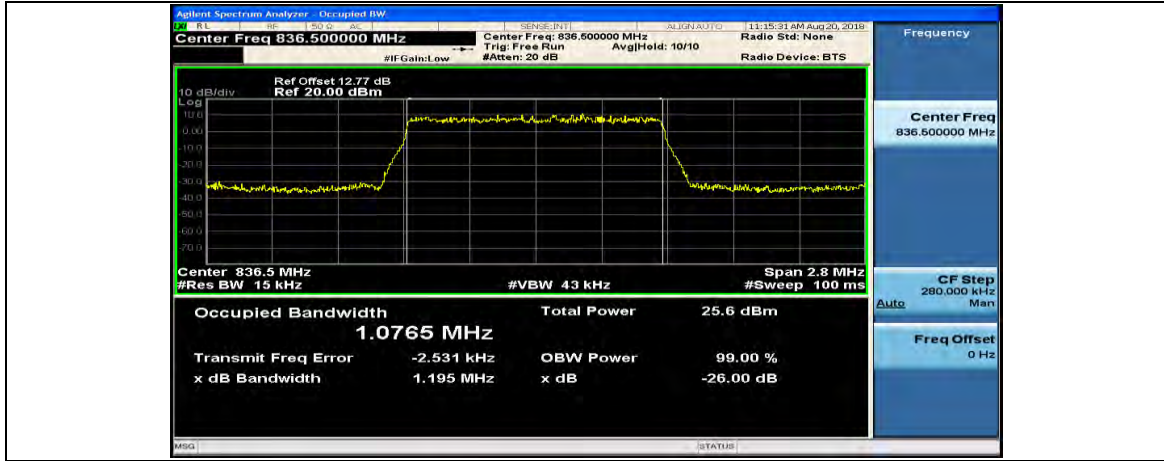
### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9242	9.381	PASS
	MCH	50	0	8.9405	9.409	PASS
	HCH	50	0	8.9172	9.330	PASS
16QAM	LCH	50	0	8.9433	9.386	PASS
	MCH	50	0	8.9503	9.465	PASS
	HCH	50	0	8.9162	9.394	PASS

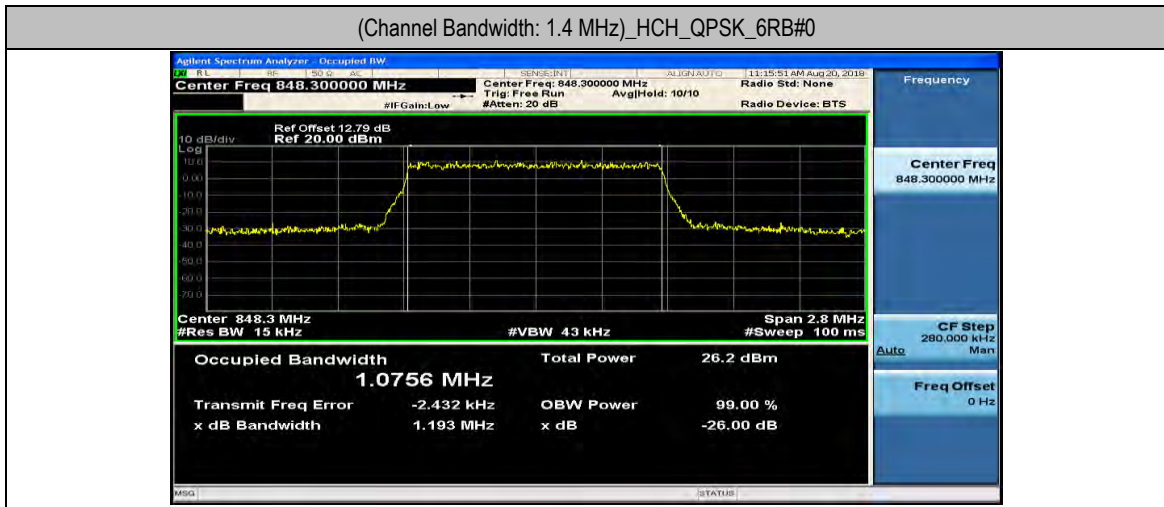
### Test Graphs

#### Channel Bandwidth: 1.4 MHz



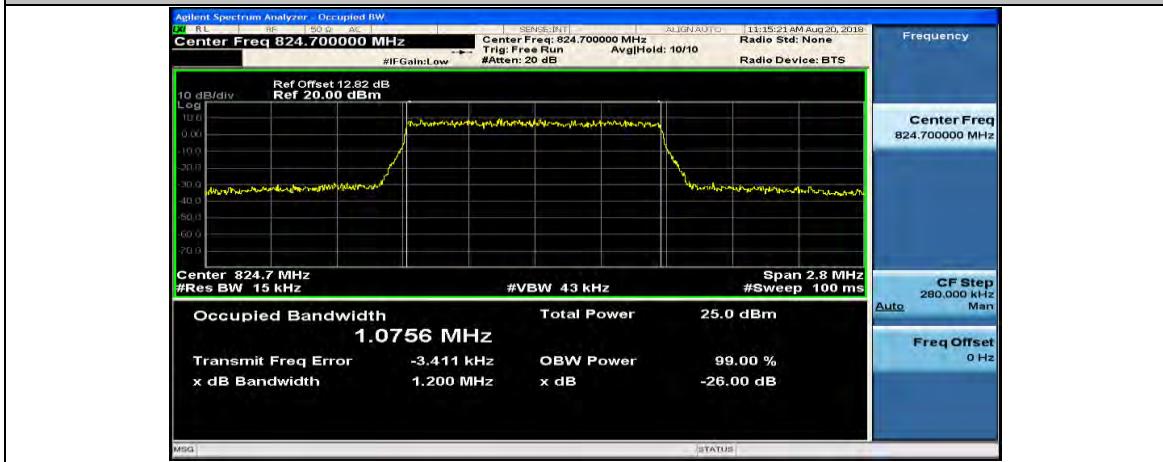


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_6RB#0

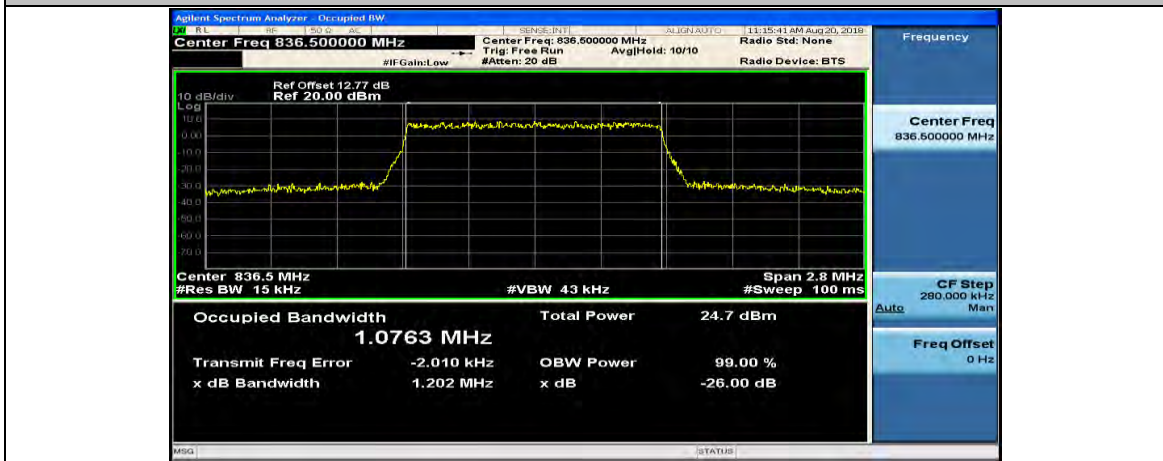




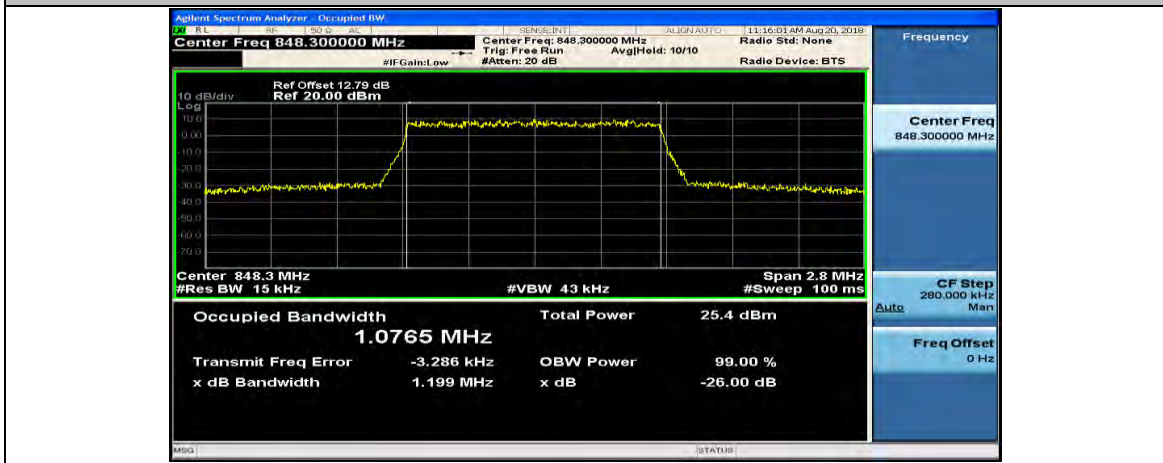
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



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



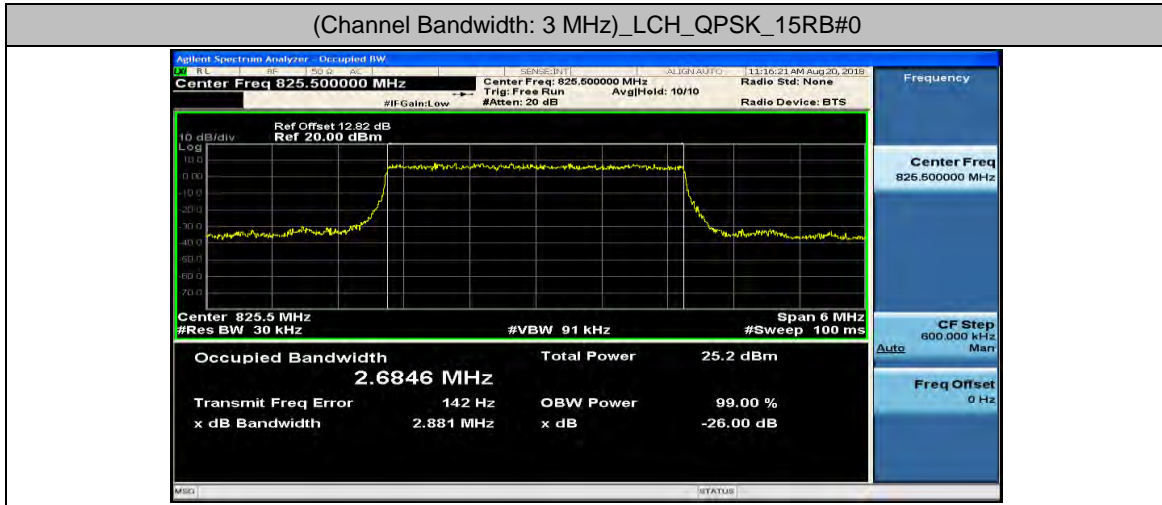
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



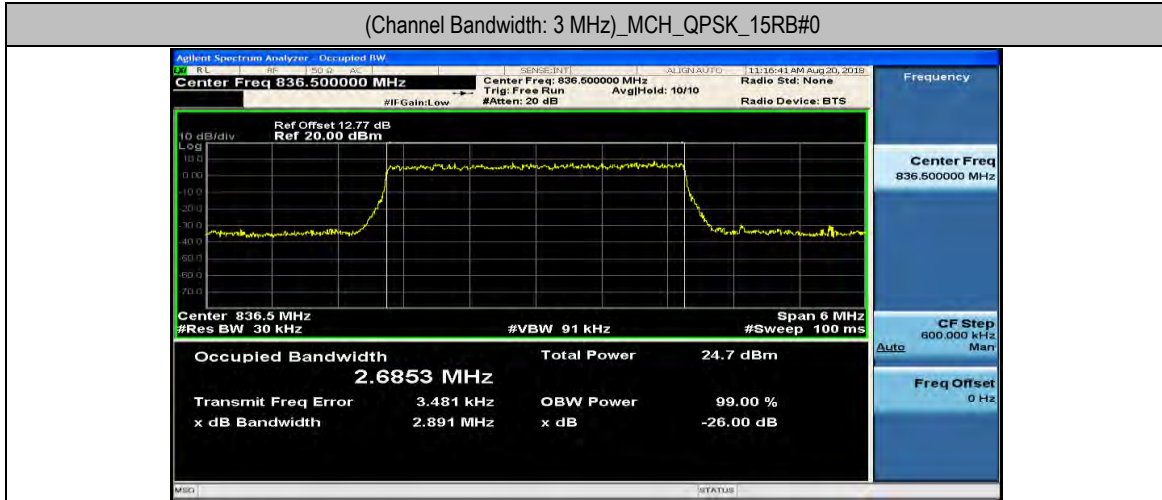


## Channel Bandwidth: 3 MHz

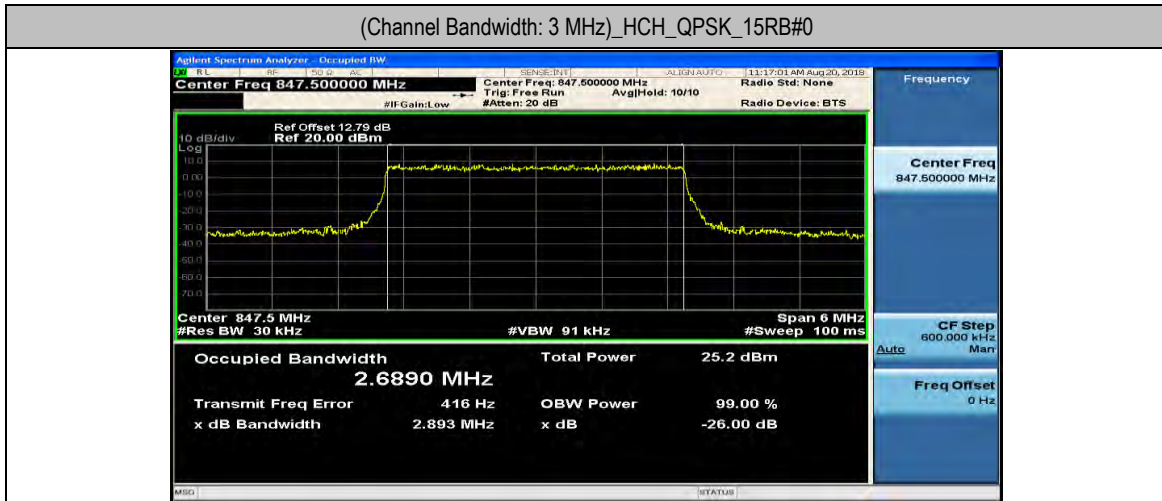
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



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

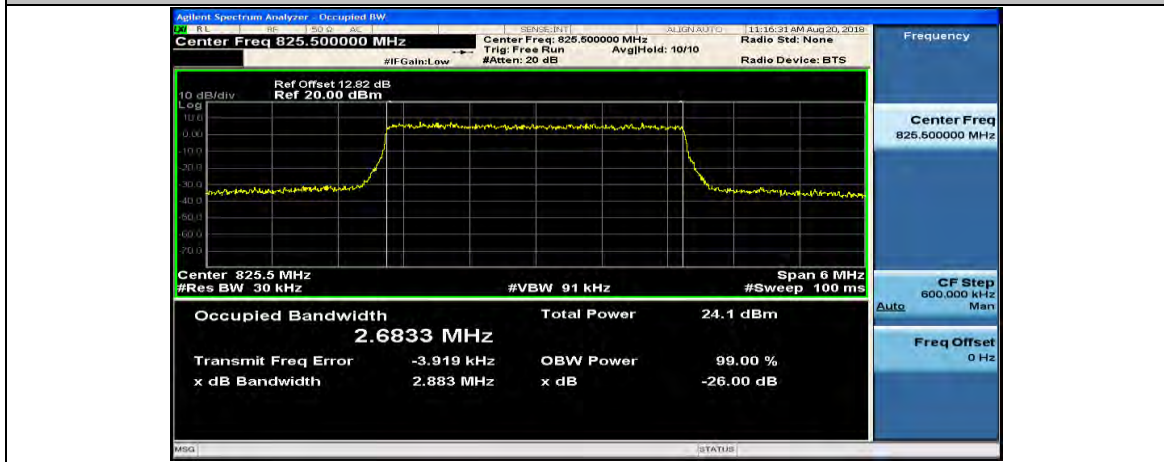


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0





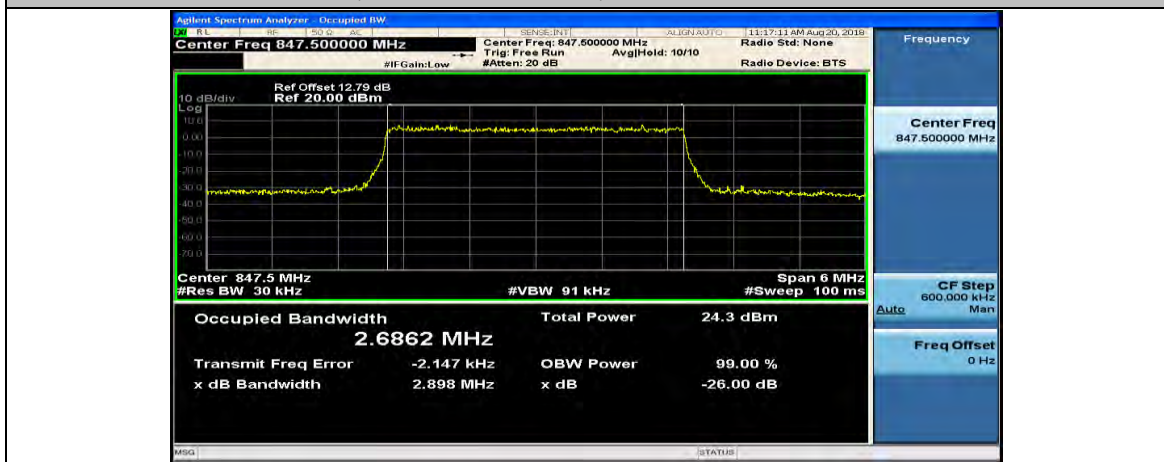
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



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



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

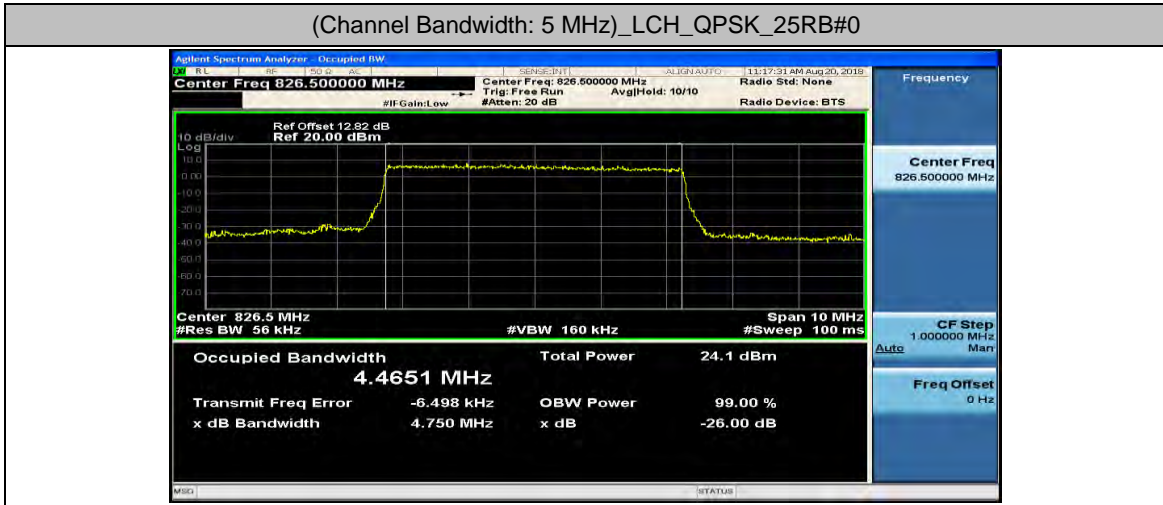




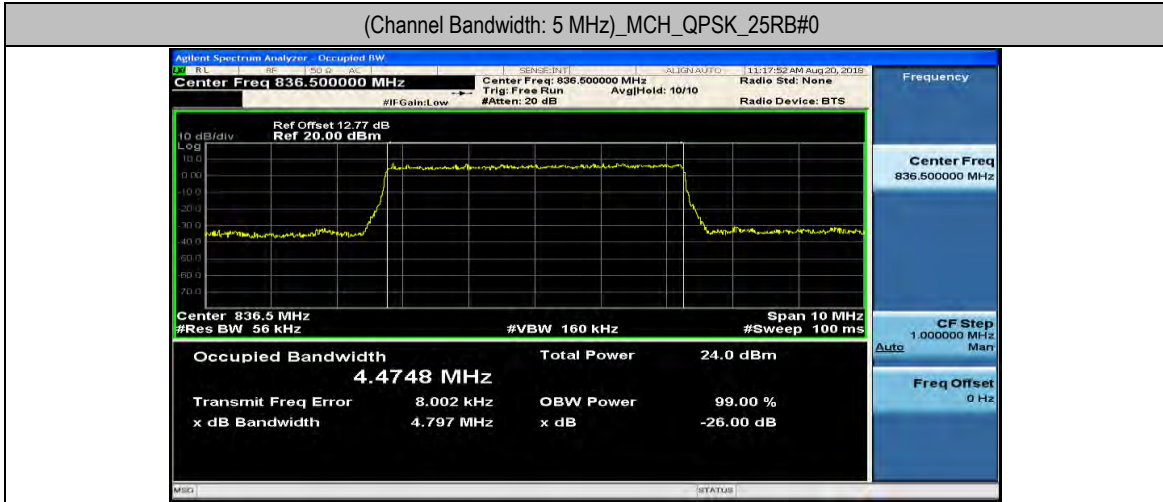


## Channel Bandwidth: 5 MHz

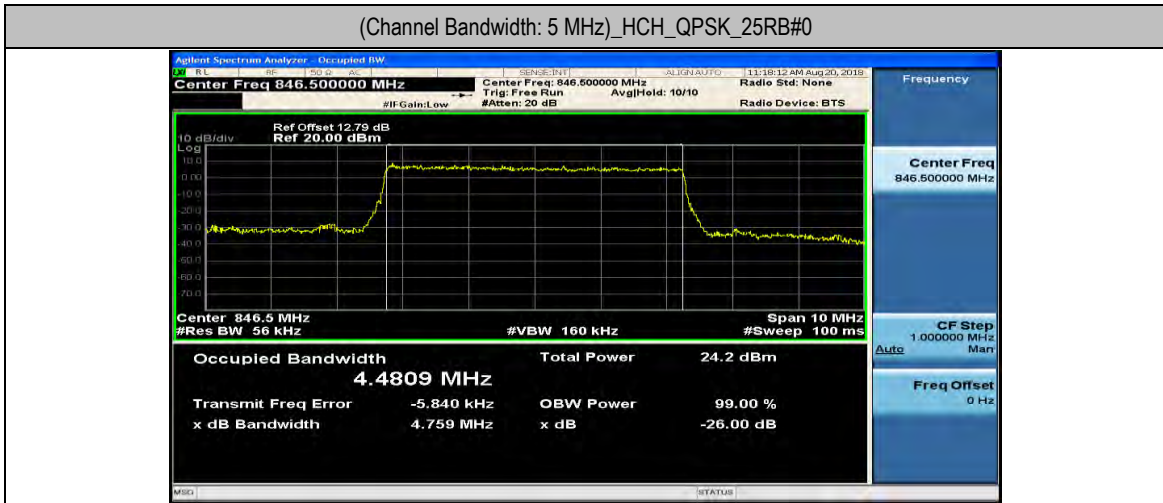
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



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

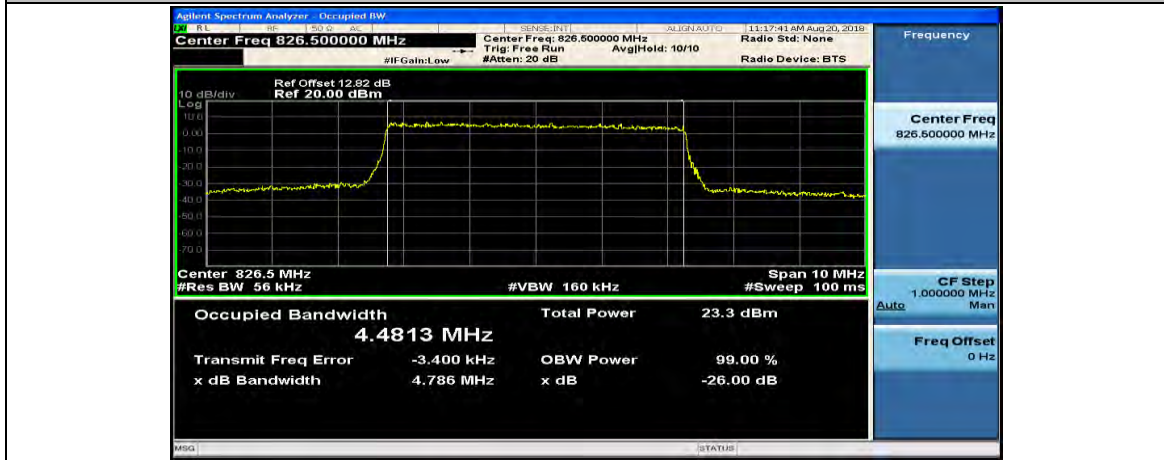


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0

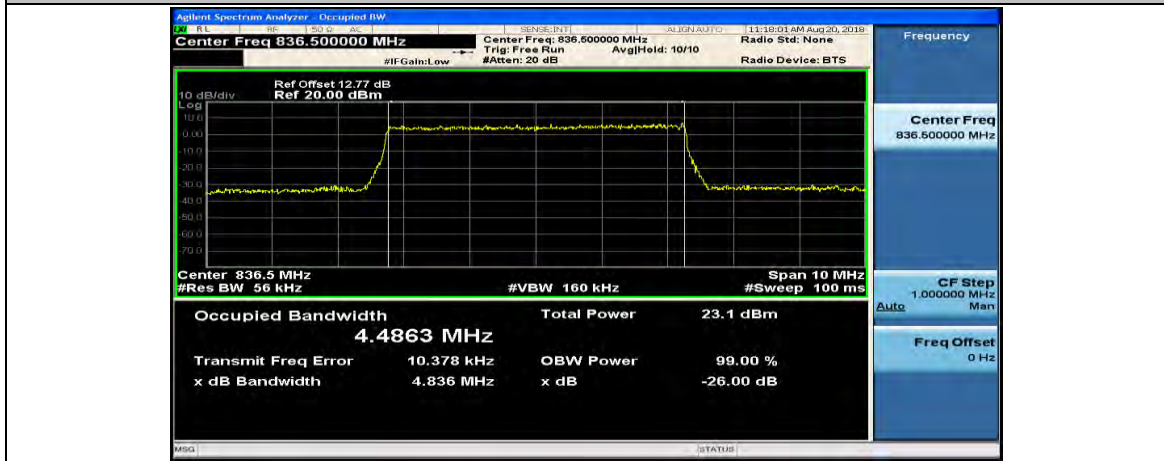




(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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



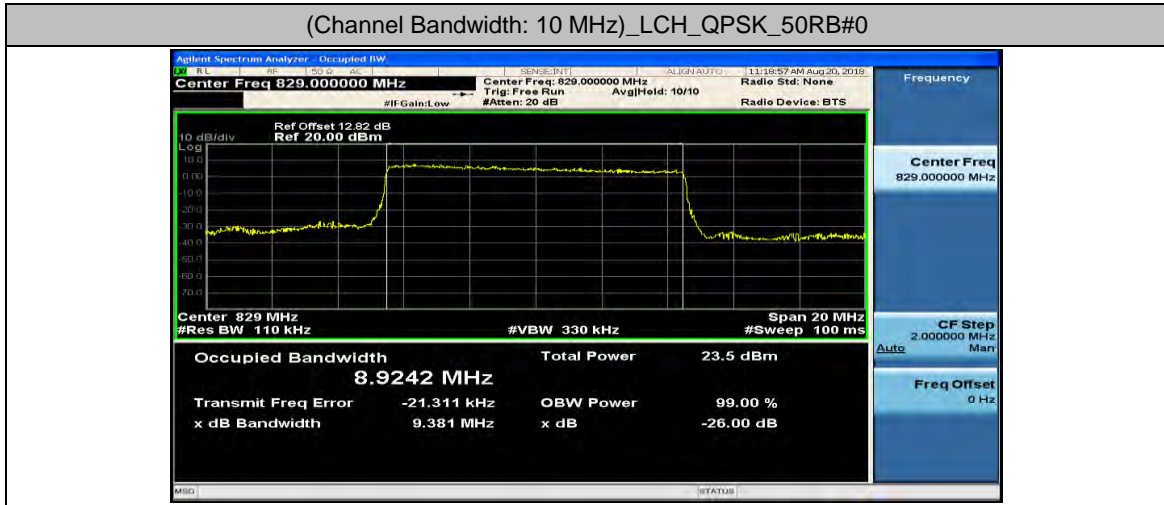
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



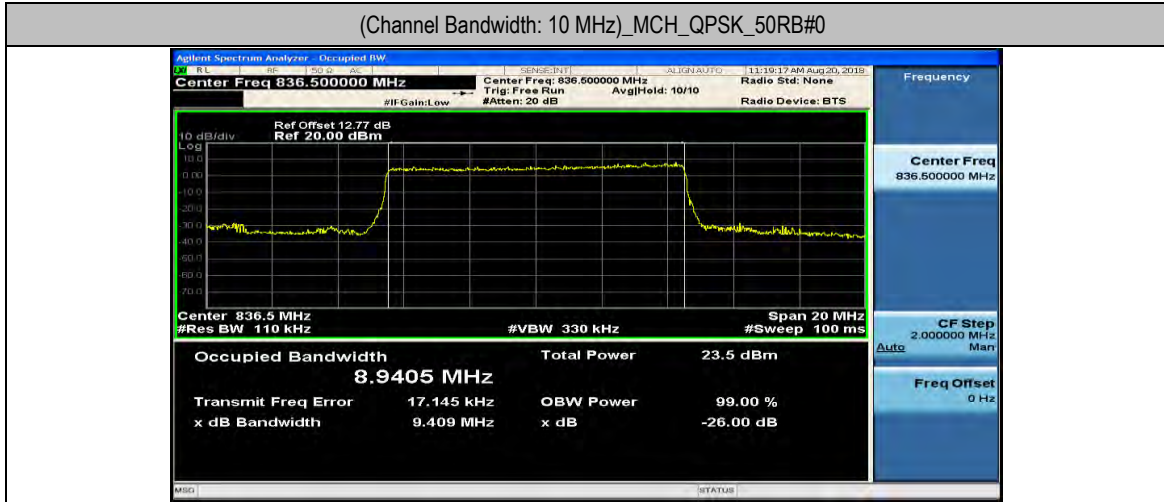


## Channel Bandwidth: 10 MHz

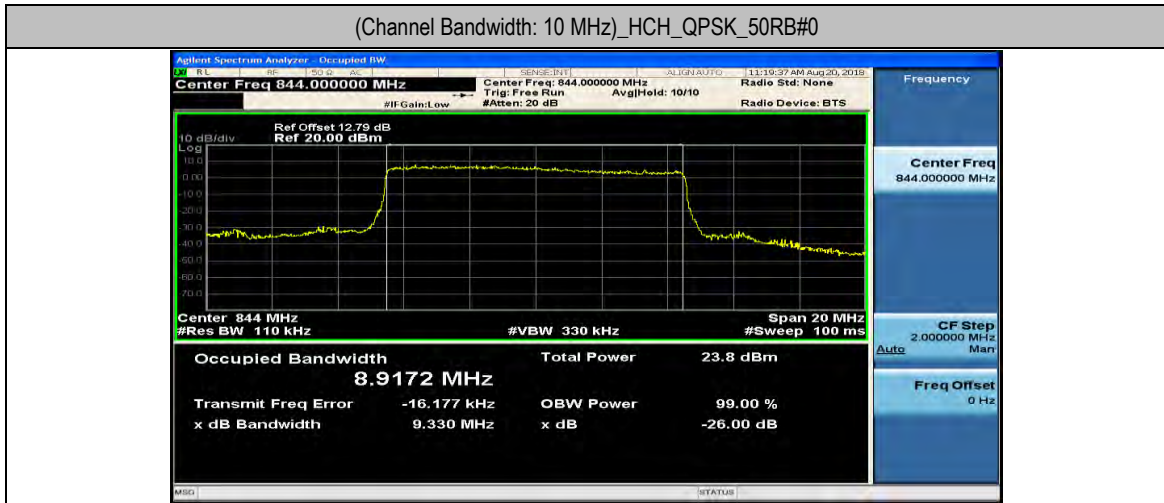
(Channel Bandwidth: 10 MHz)\_LCH\_QPSK\_50RB#0



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

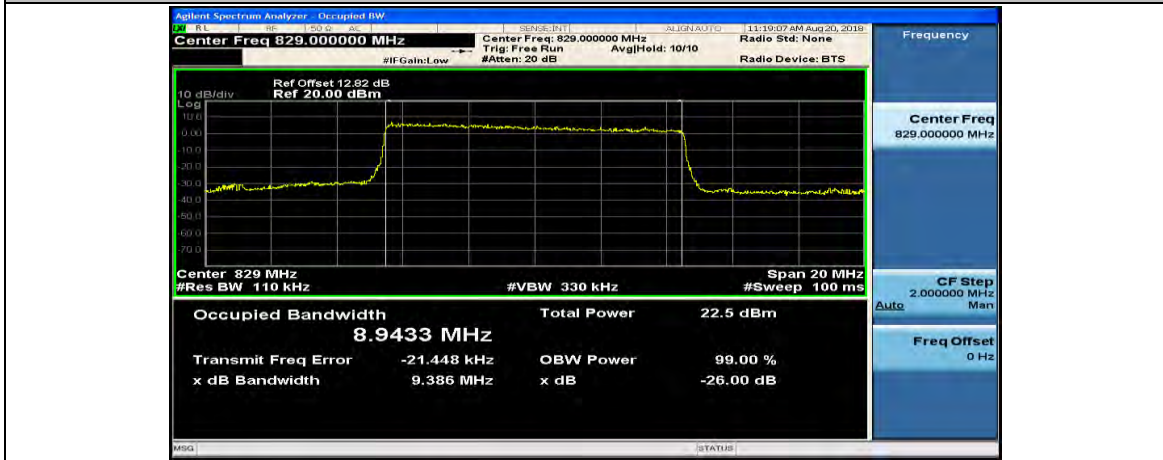


(Channel Bandwidth: 10 MHz)\_HCH\_QPSK\_50RB#0

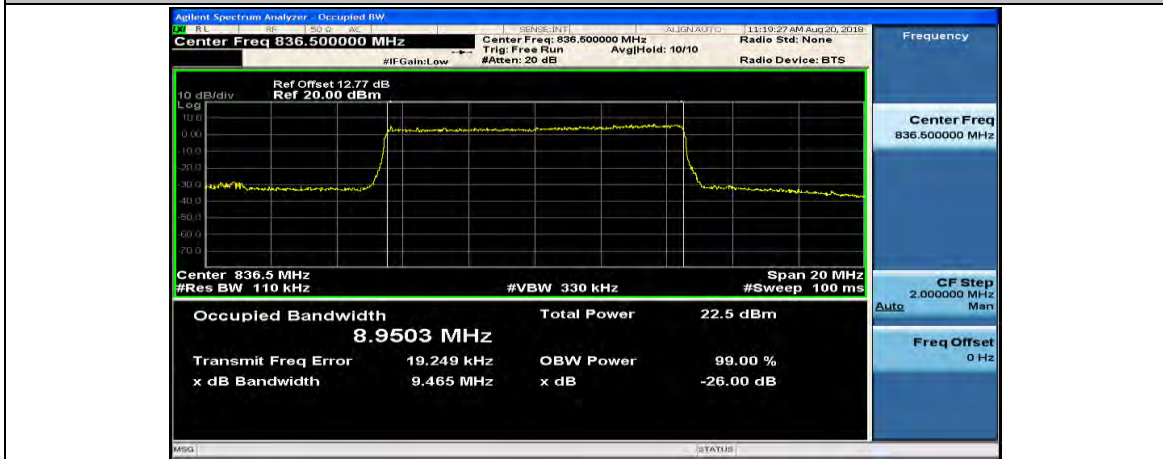




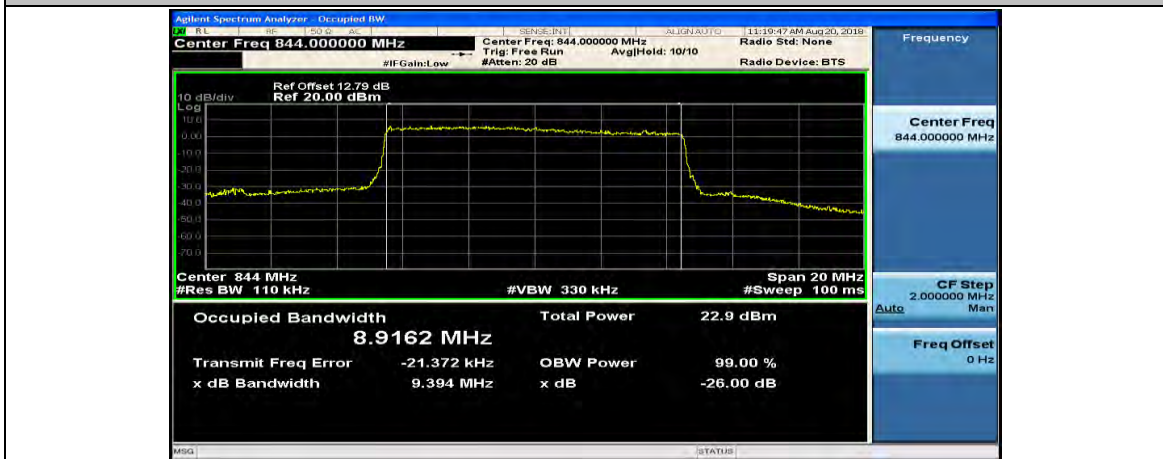
(Channel Bandwidth: 10 MHz)\_LCH\_16QAM\_50RB#0



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



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

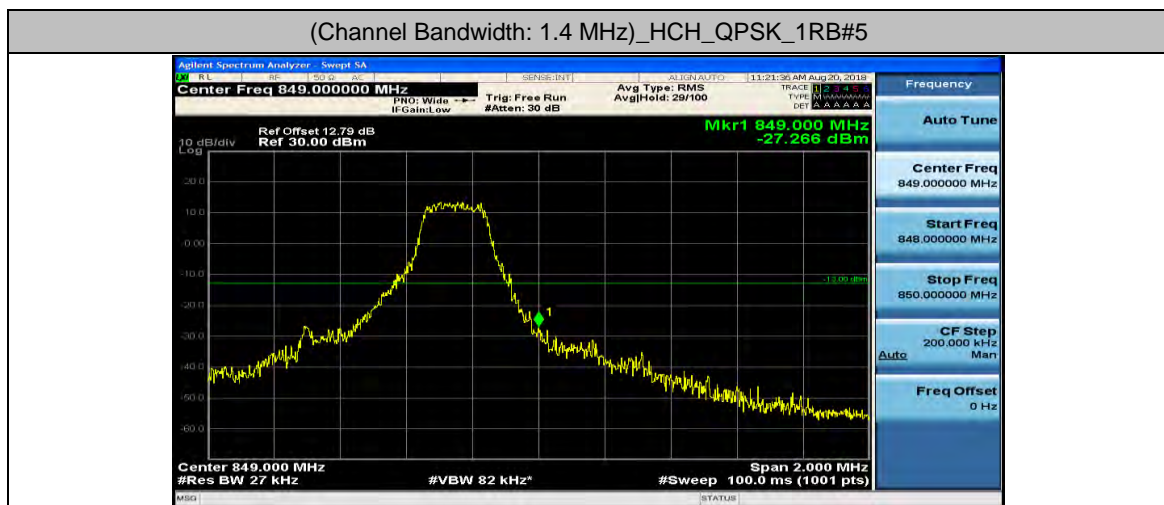
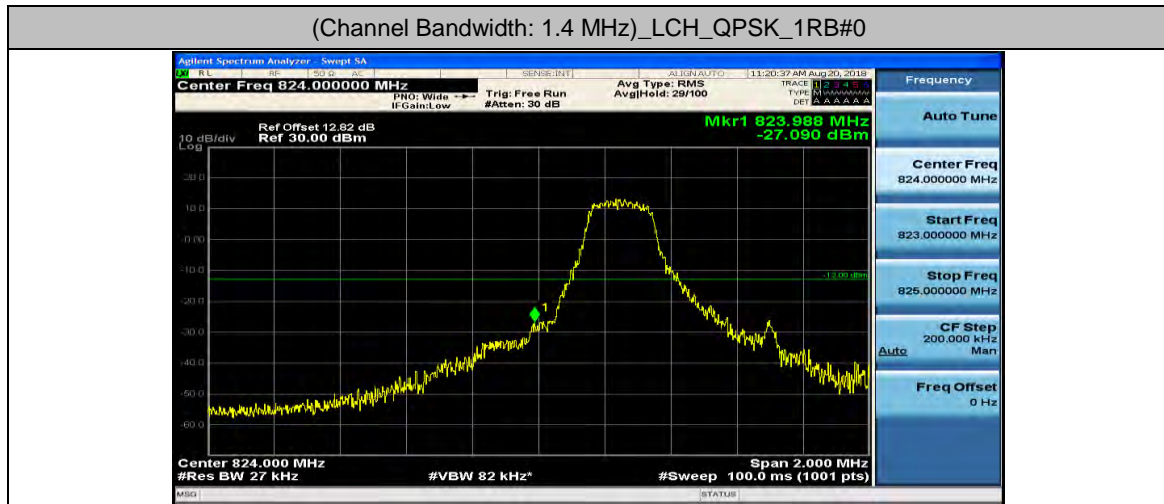




## Appendix D: Band Edge

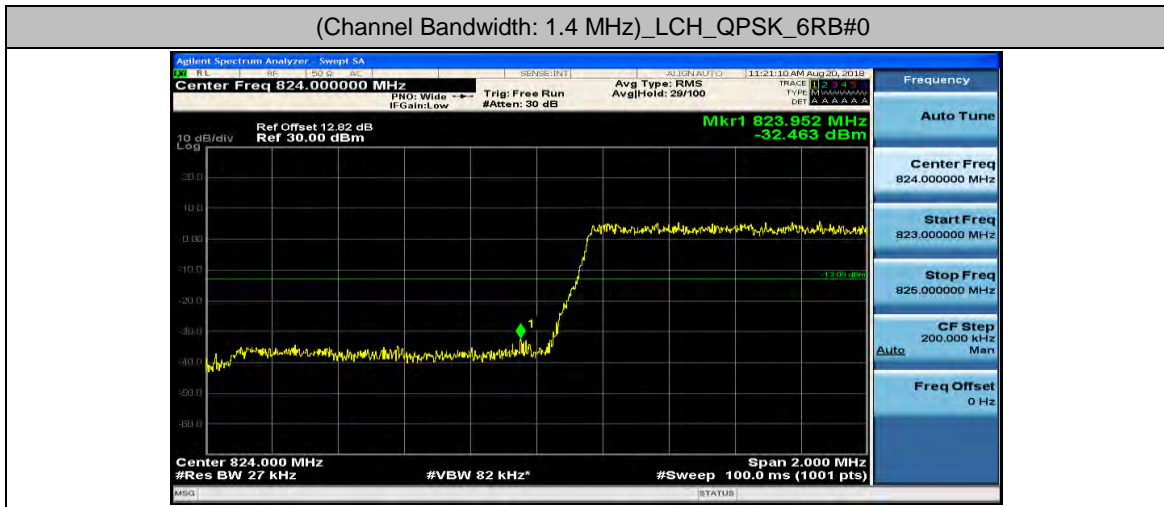
### Test Graphs

Channel Bandwidth: 1.4 MHz

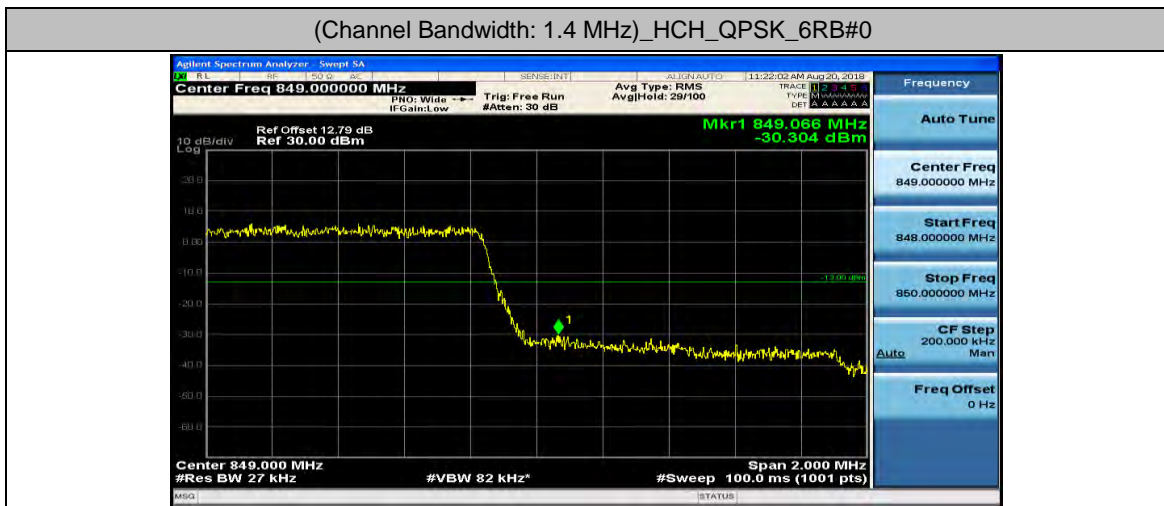




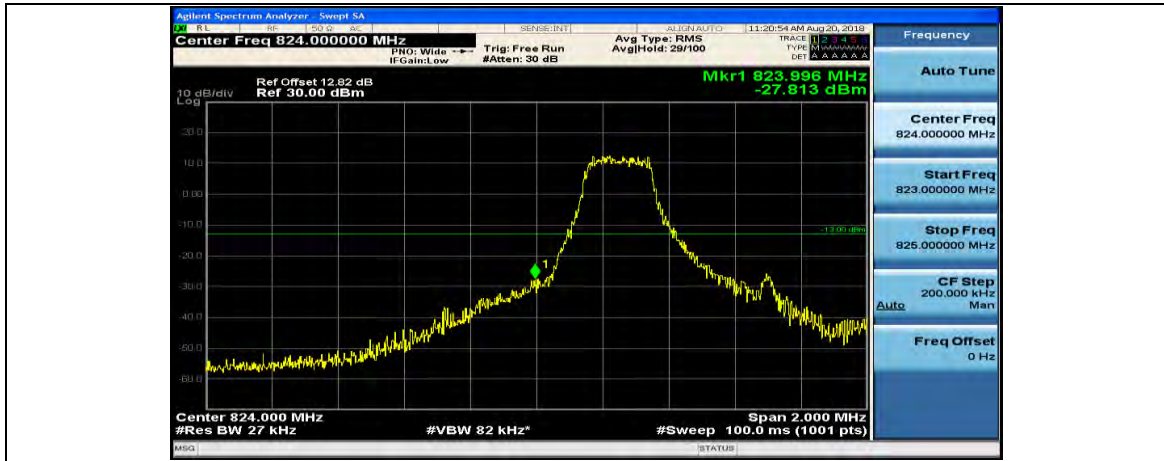
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_6RB#0



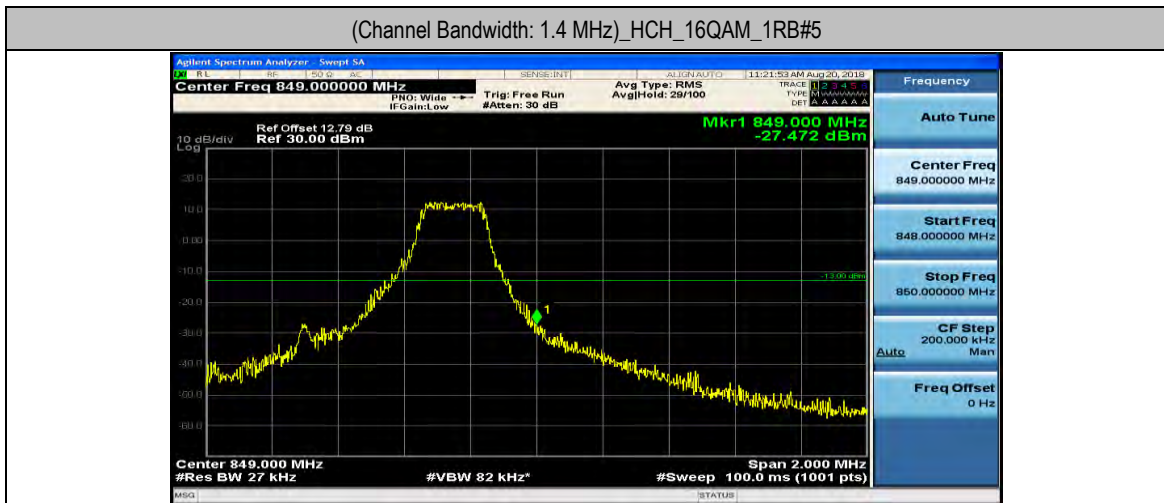
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_6RB#0



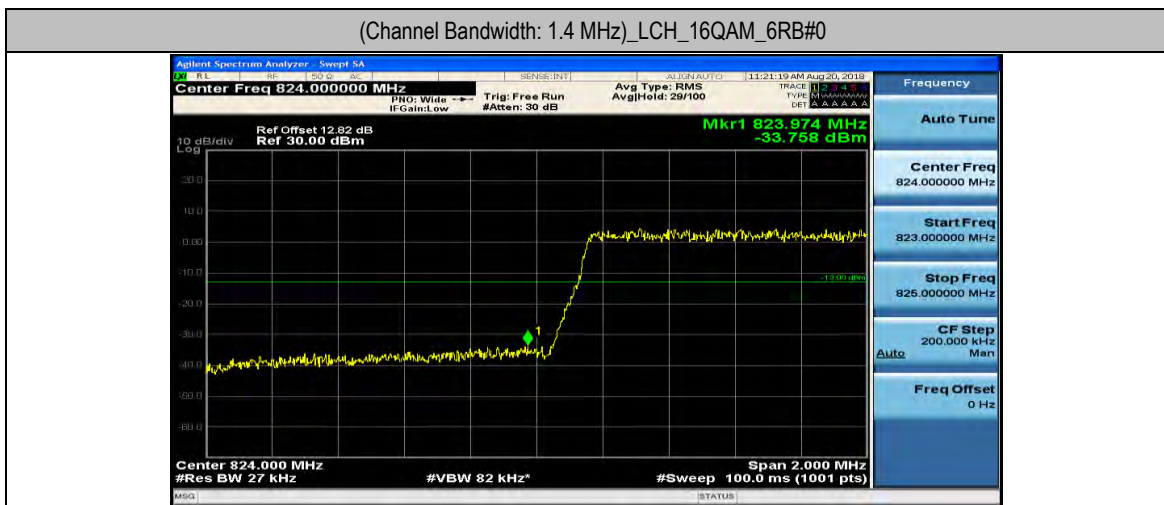
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#0



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

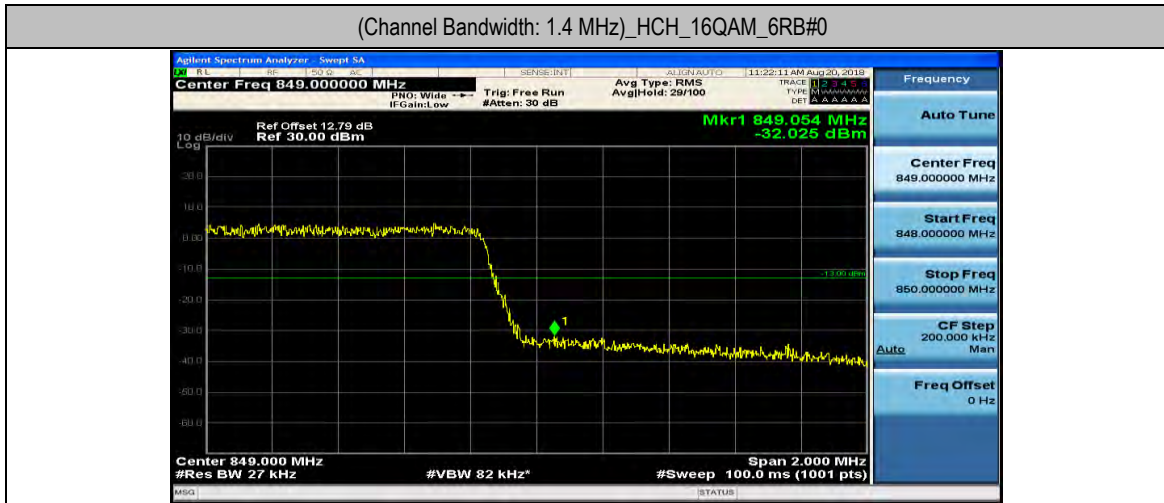


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



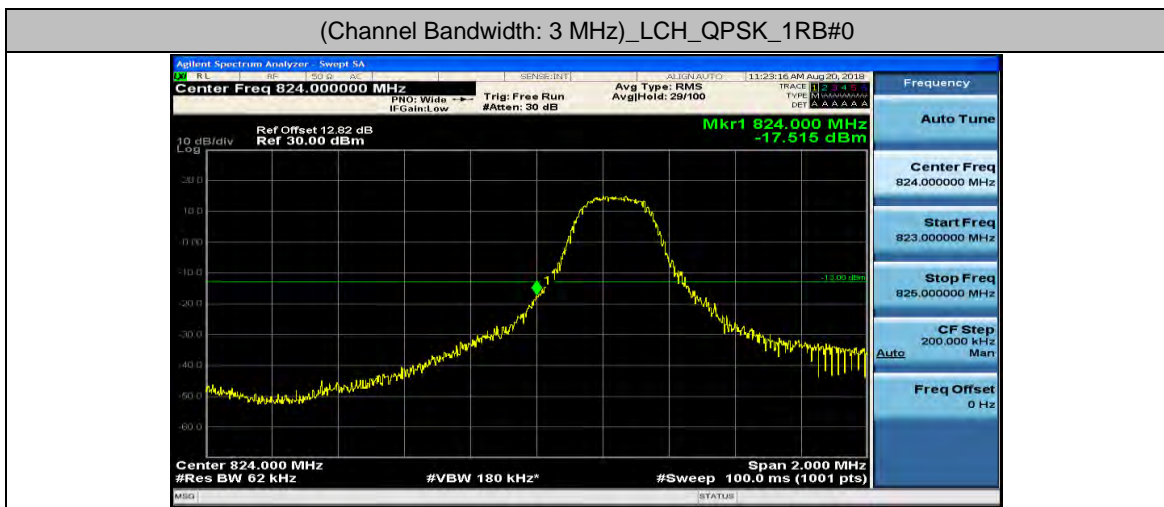


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



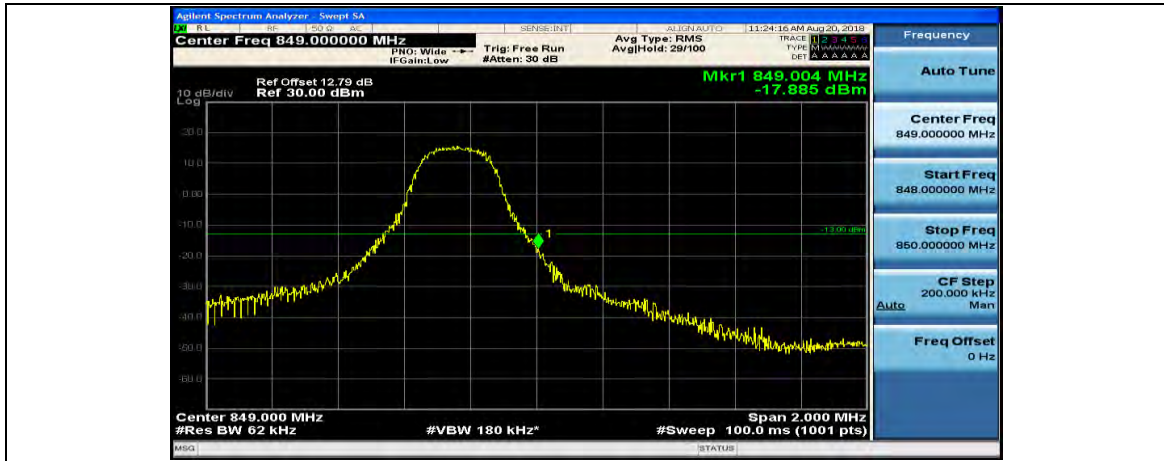
### Channel Bandwidth: 3 MHz

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

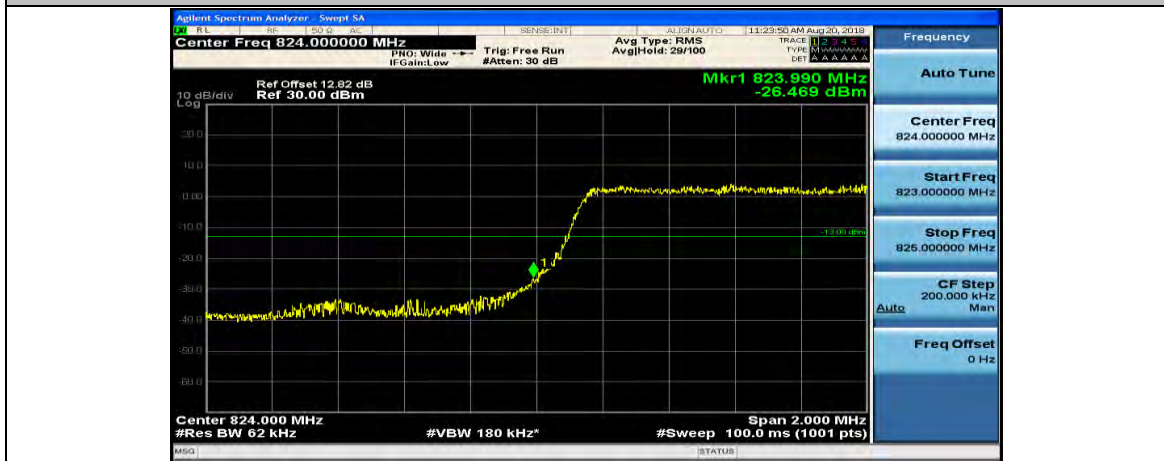


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#14





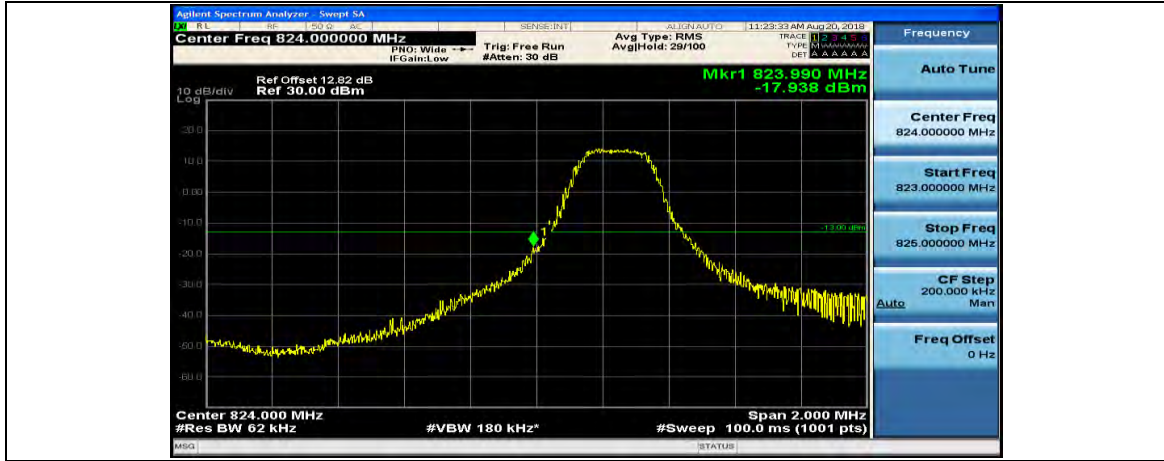
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



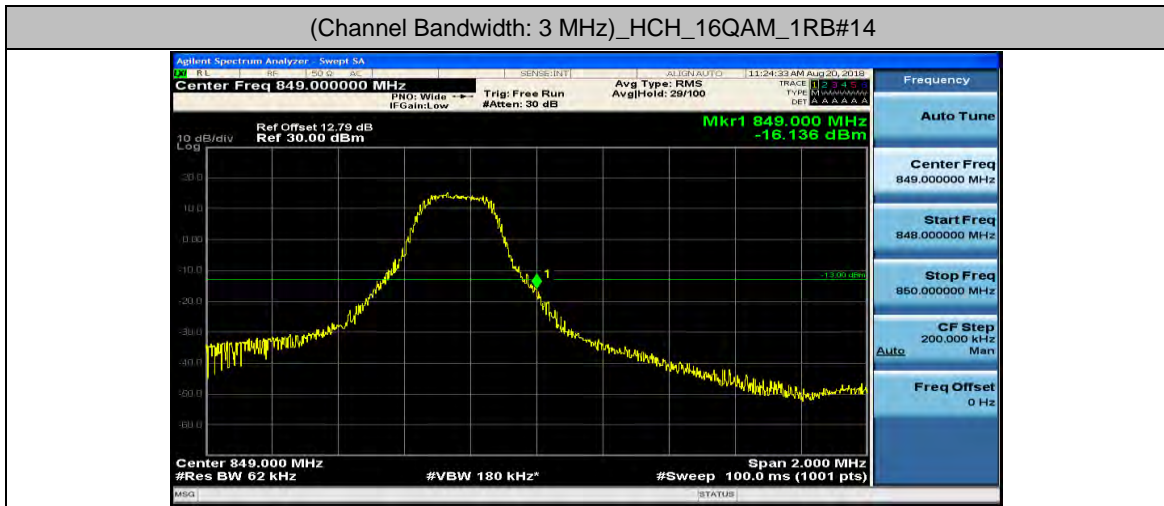
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0



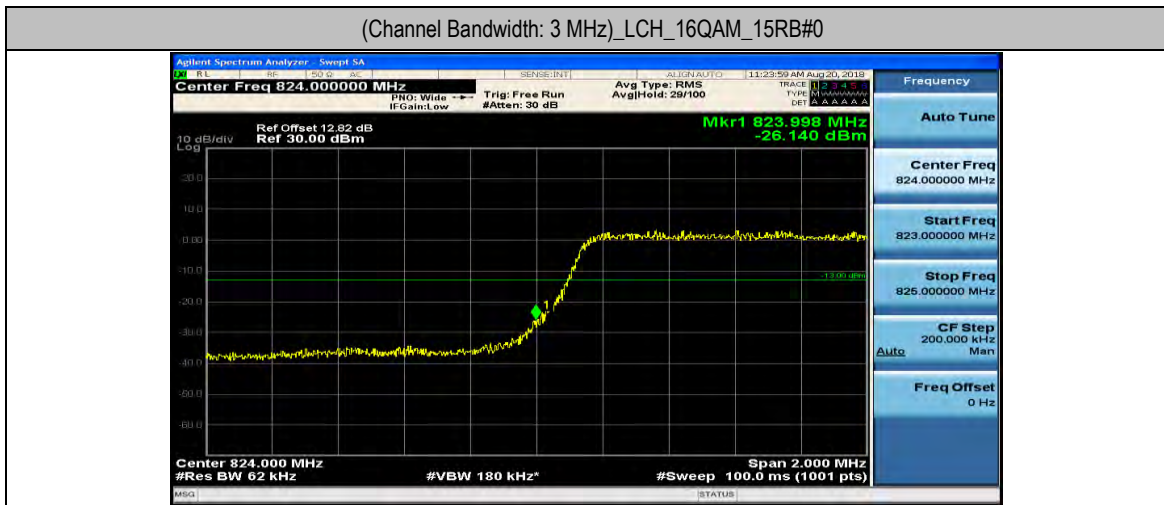
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0



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

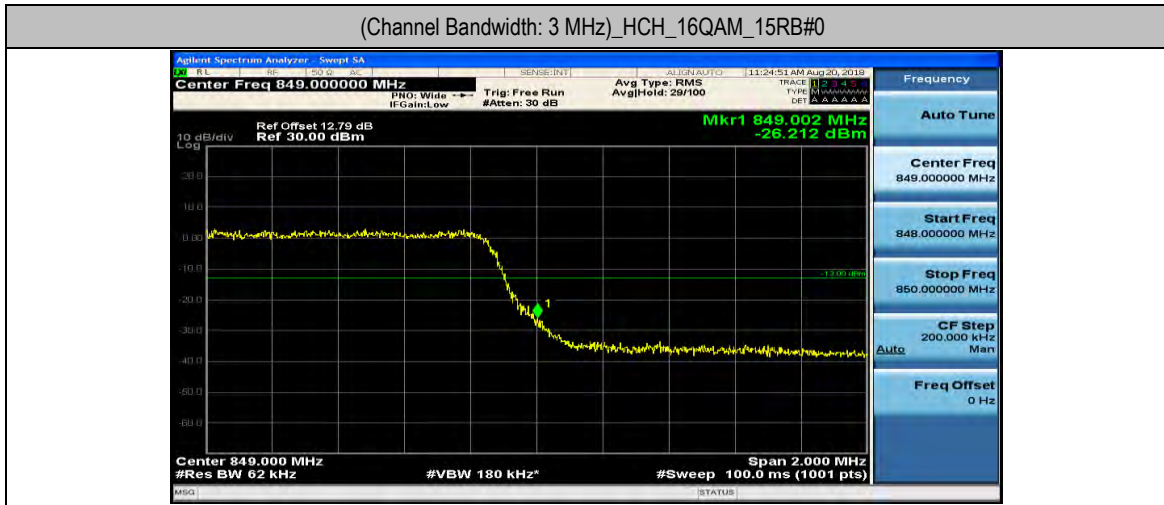


(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



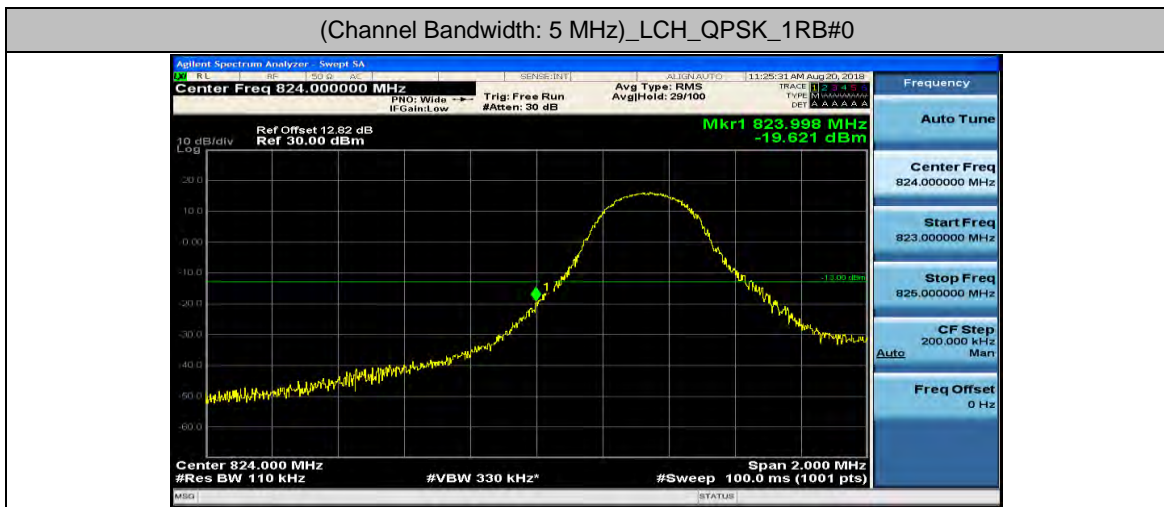


(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0

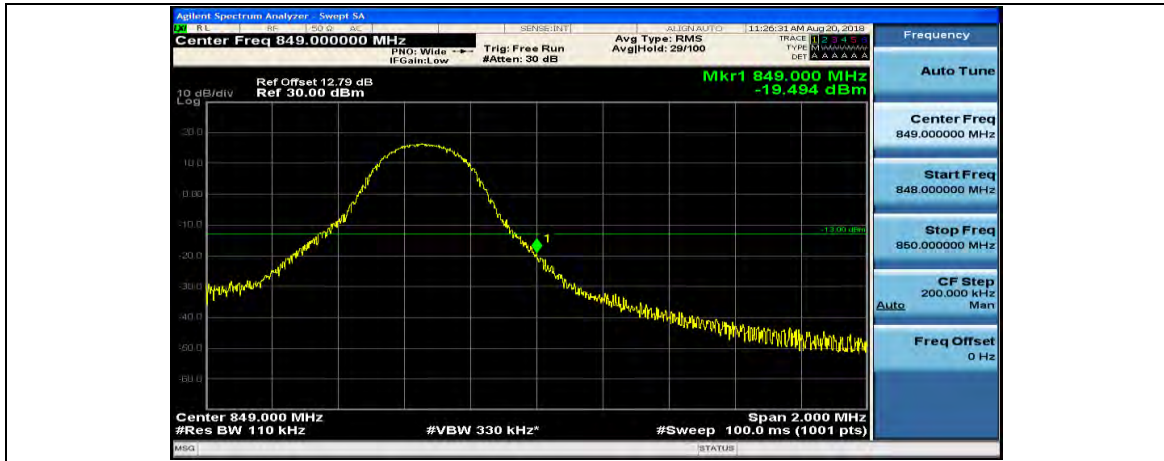


### Channel Bandwidth: 5 MHz

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



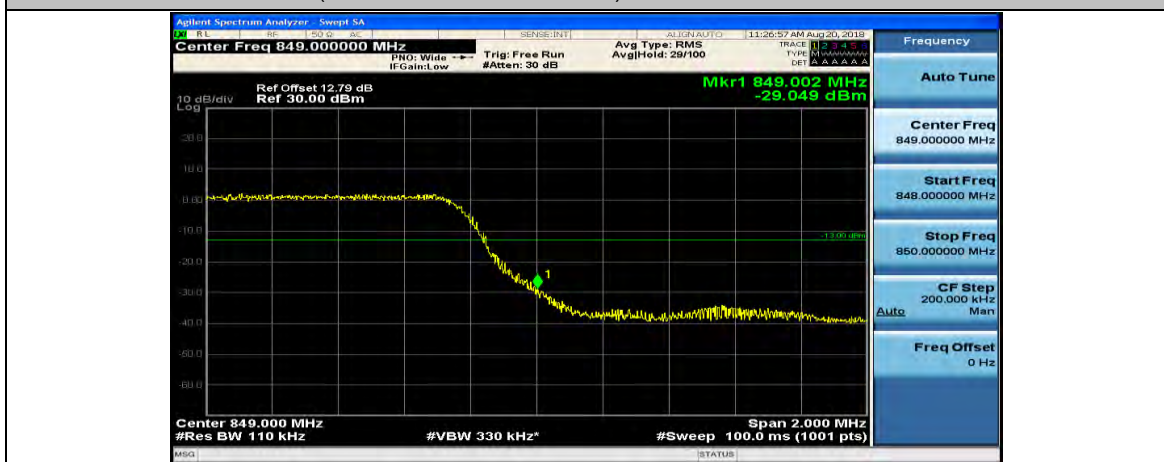
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



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

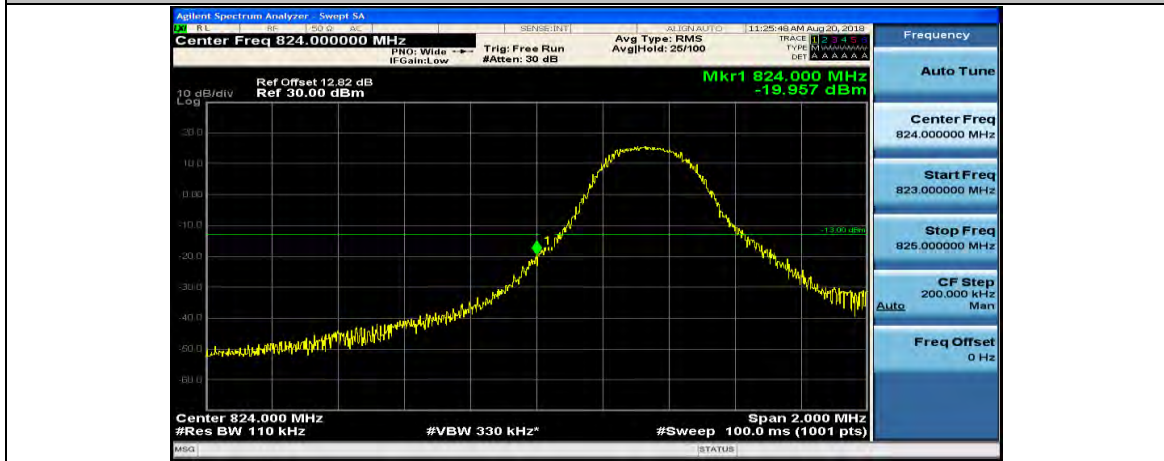


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0

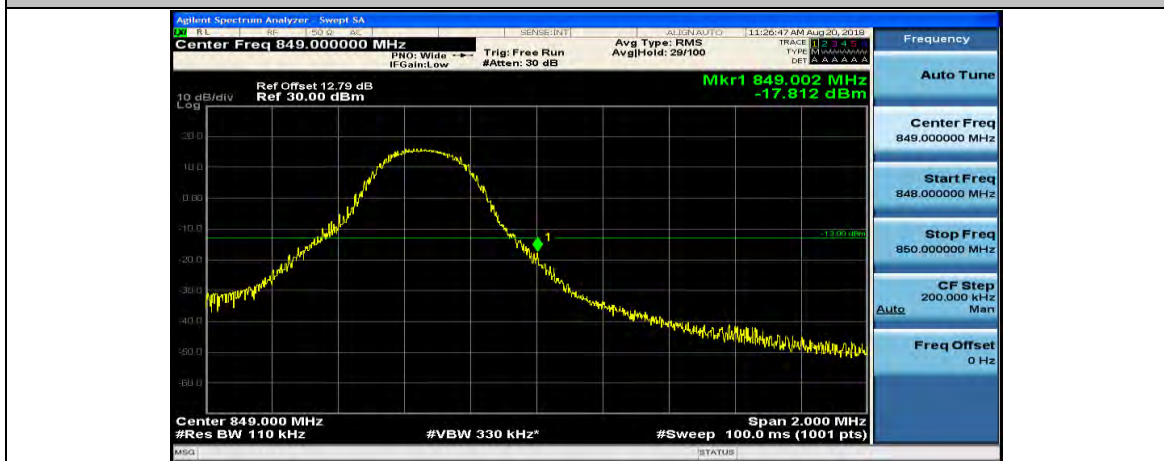




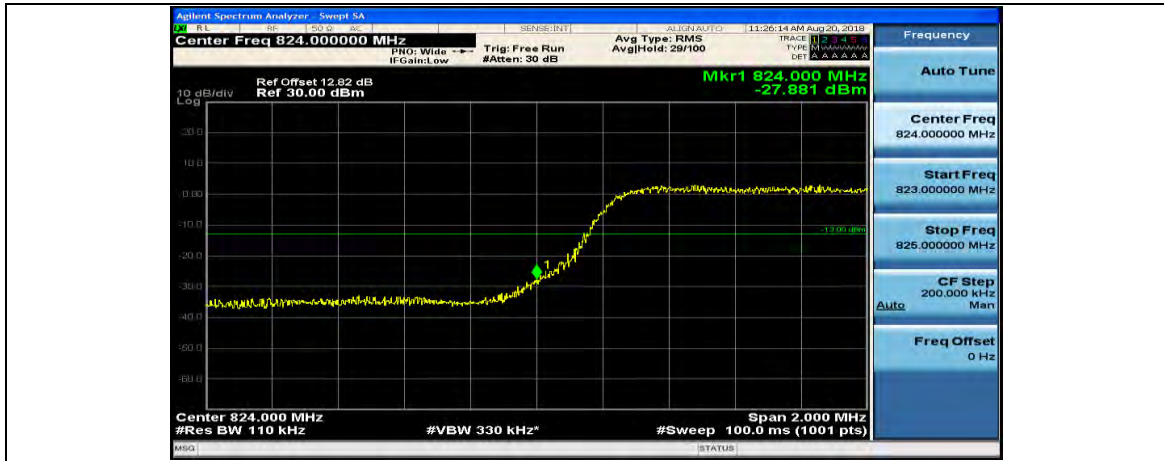
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



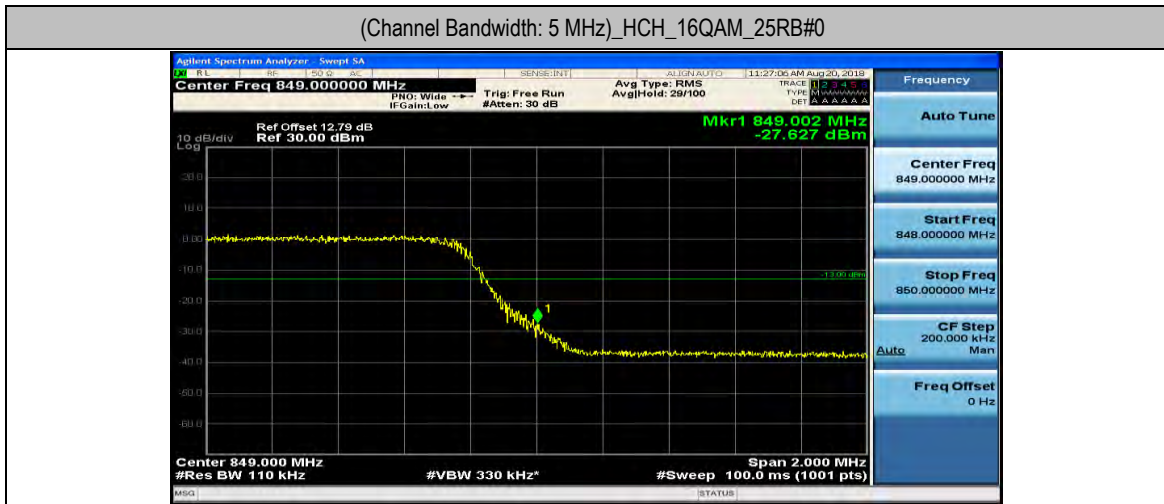
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



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

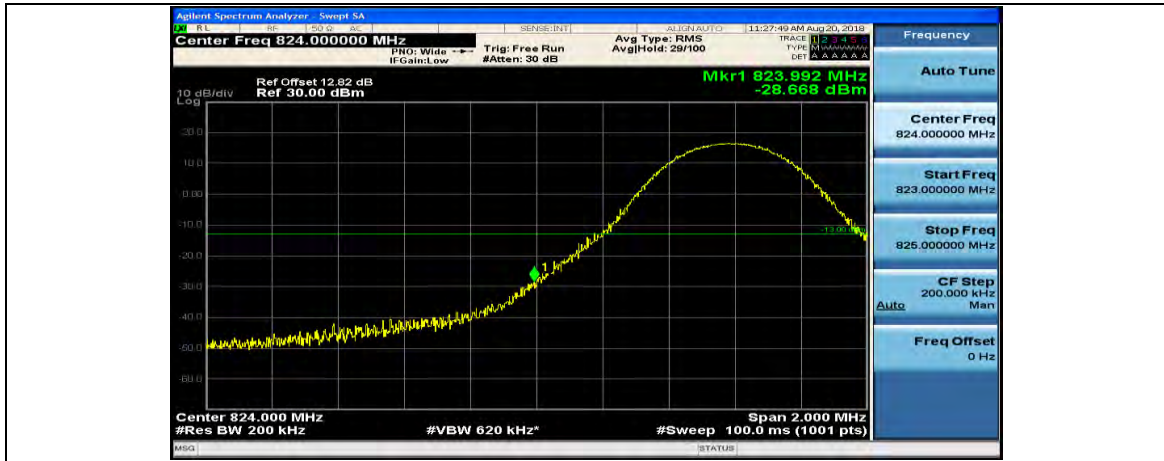


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

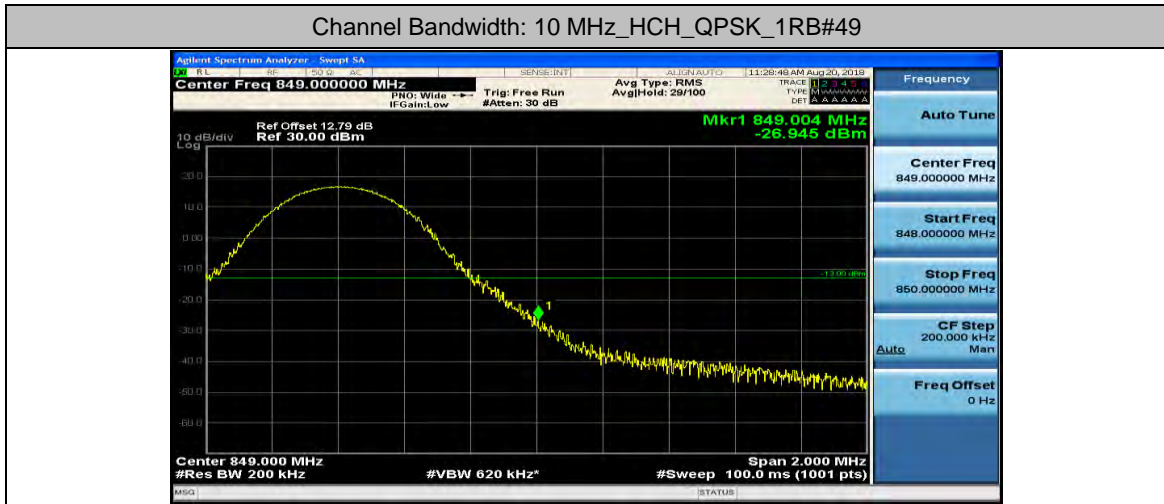


Channel Bandwidth: 10 MHz

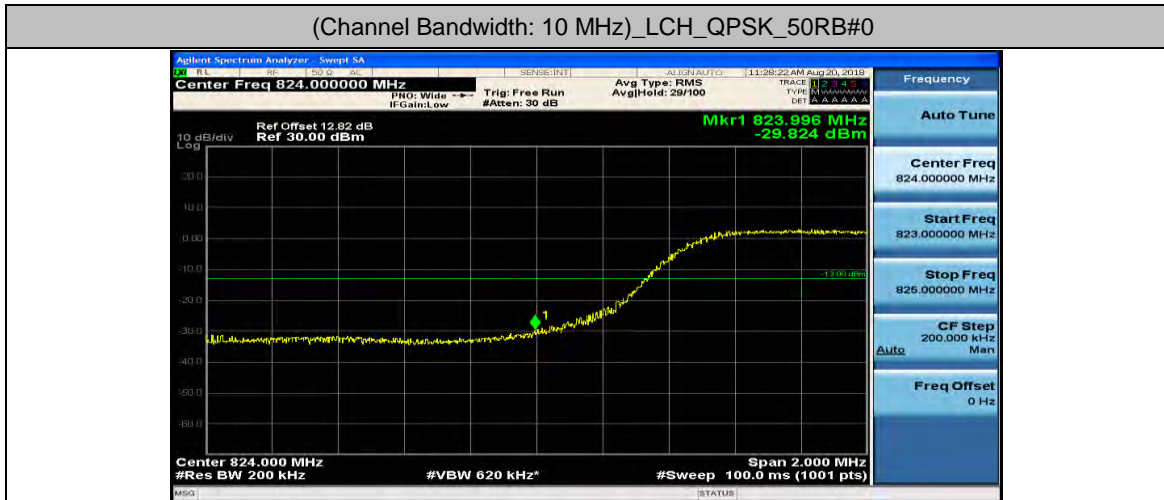
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#0



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

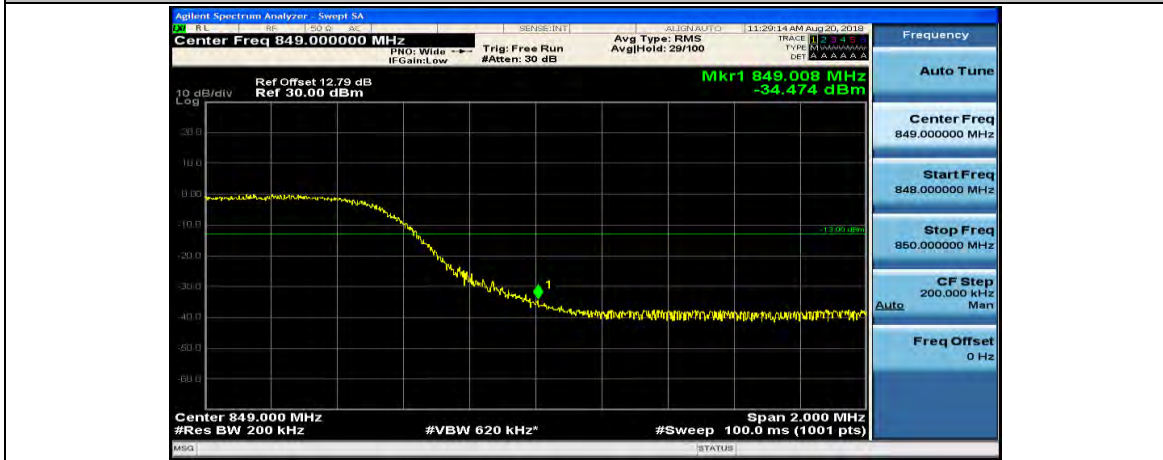


(Channel Bandwidth: 10 MHz)\_LCH\_QPSK\_50RB#0

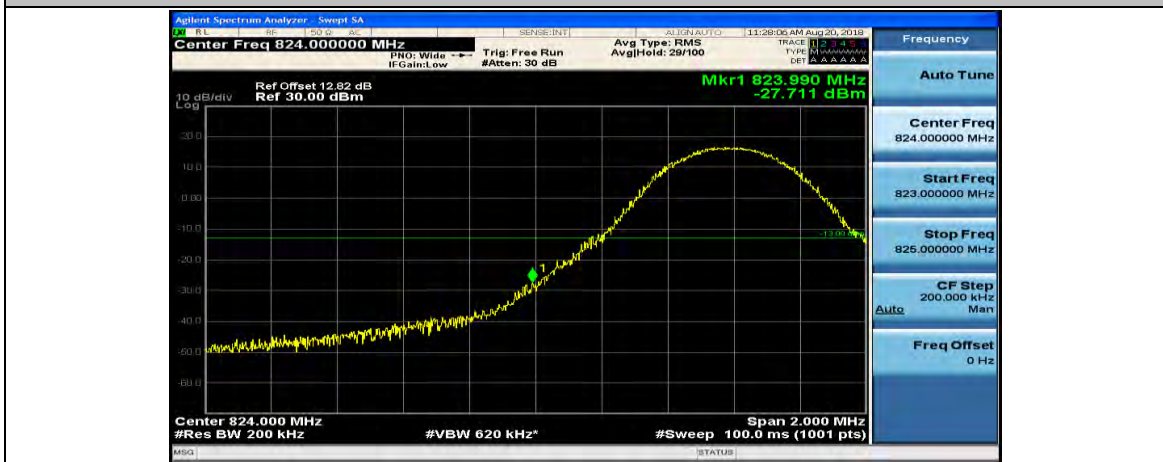




(Channel Bandwidth: 10 MHz)\_HCH\_QPSK\_50RB#0



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

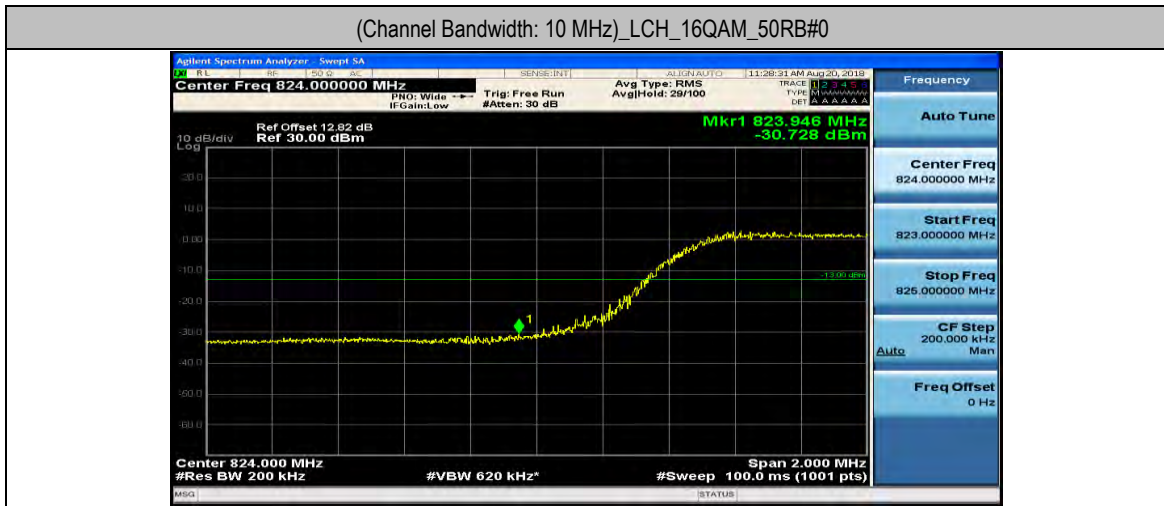


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49

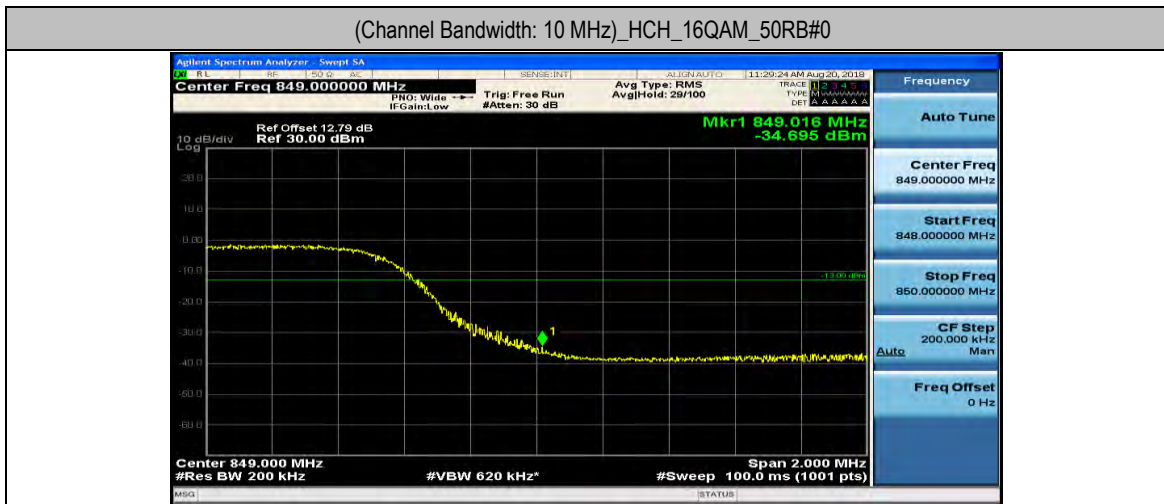




(Channel Bandwidth: 10 MHz)\_LCH\_16QAM\_50RB#0



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

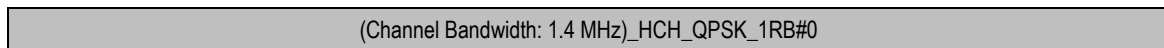
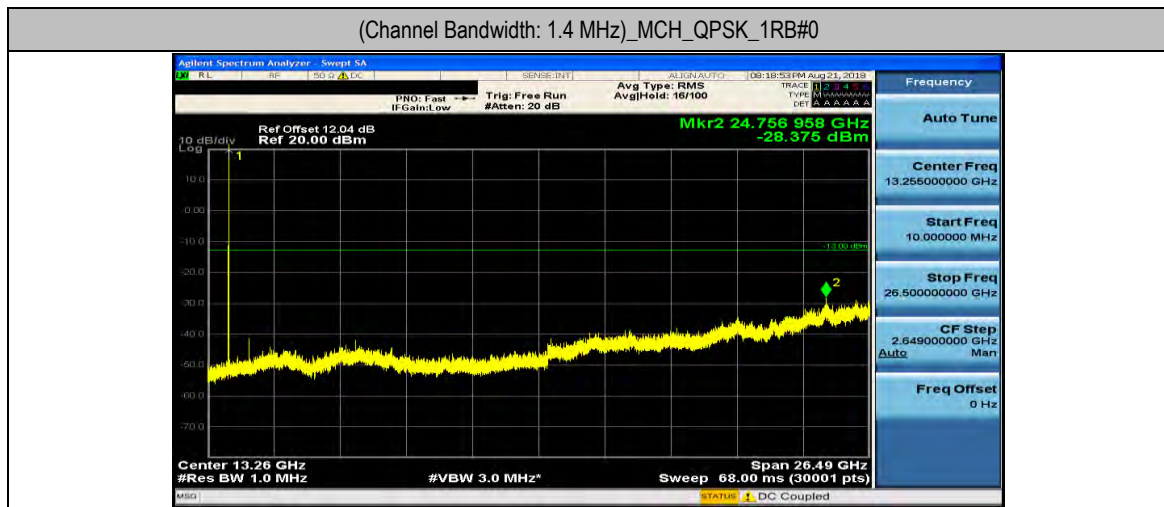
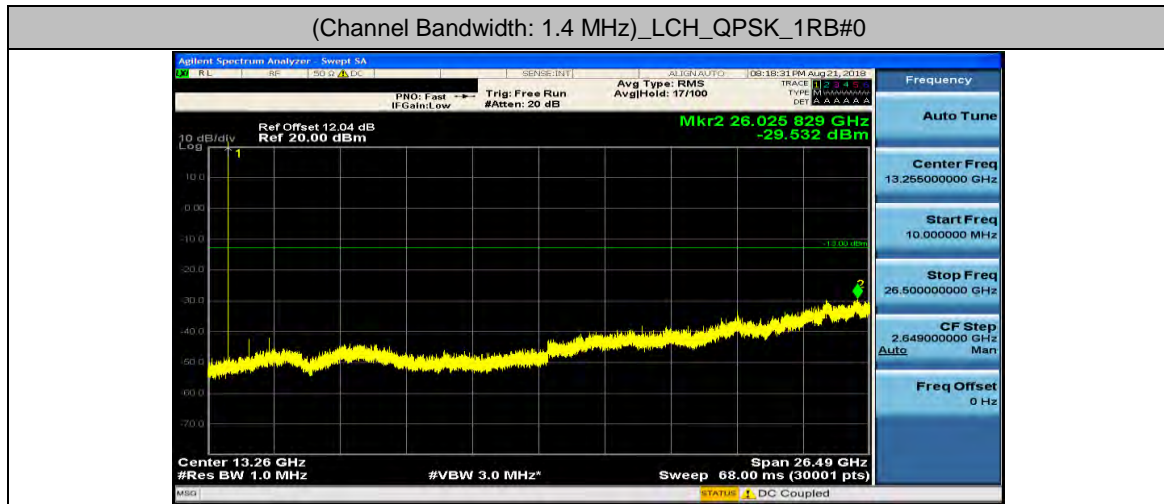




## Appendix E: Conducted Spurious Emission

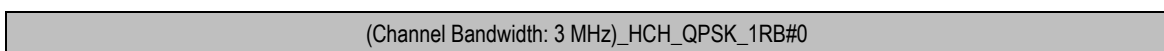
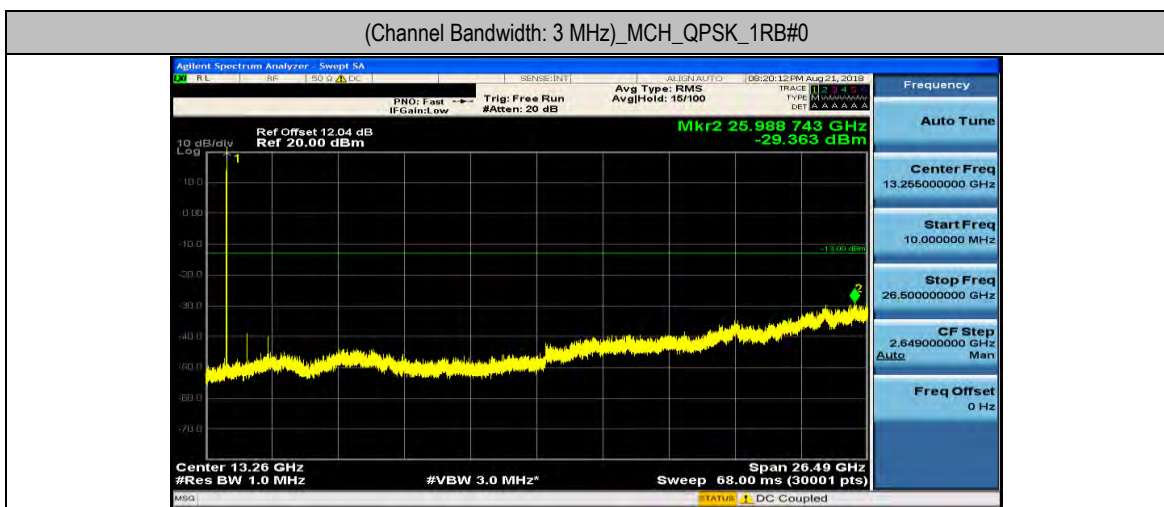
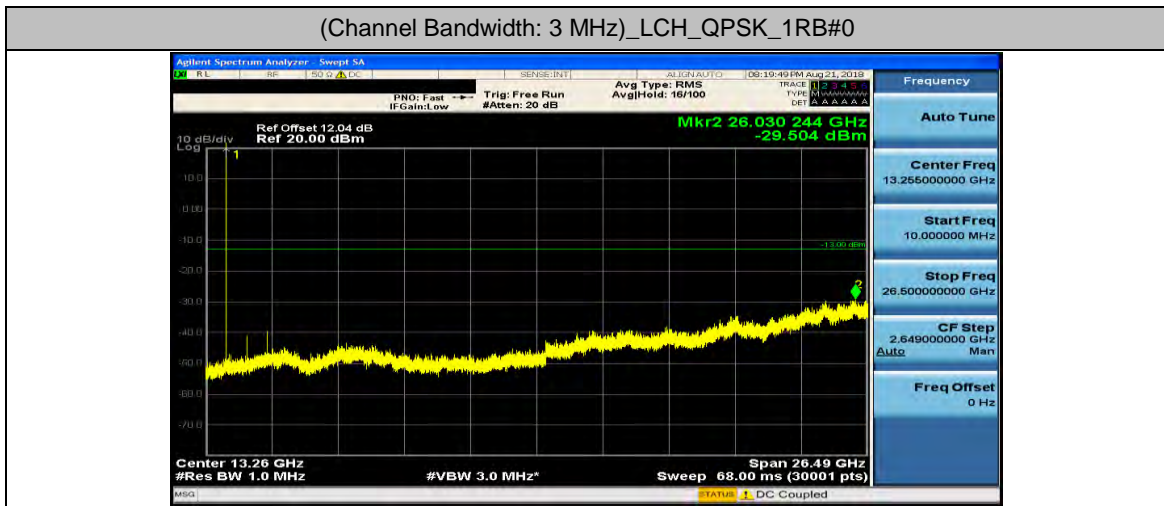
### Test Graphs

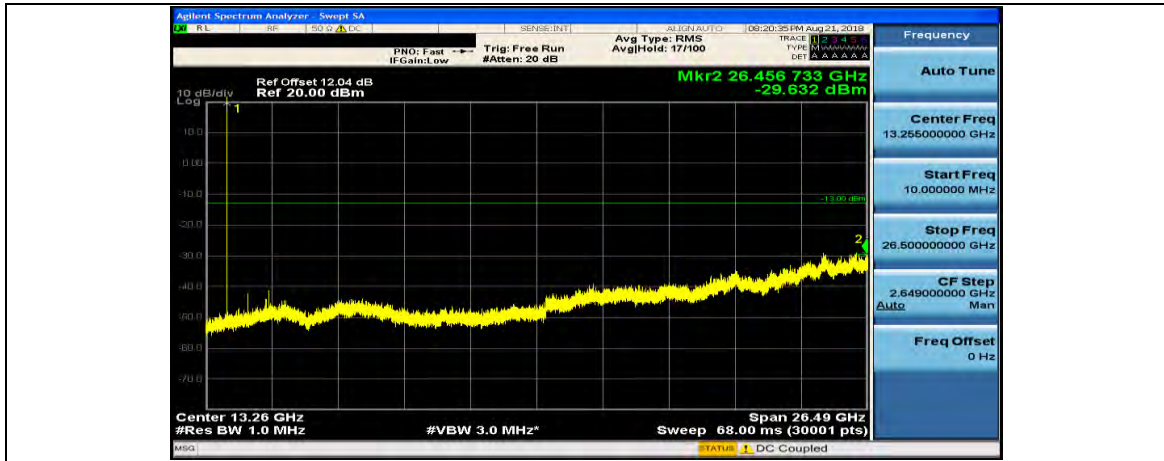
Channel Bandwidth: 1.4 MHz





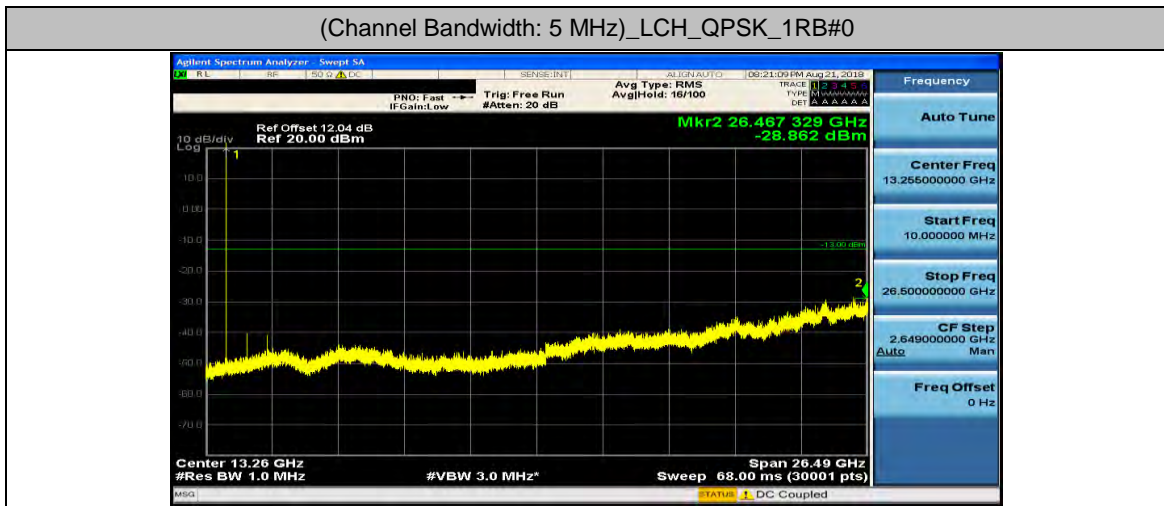
Channel Bandwidth: 3 MHz



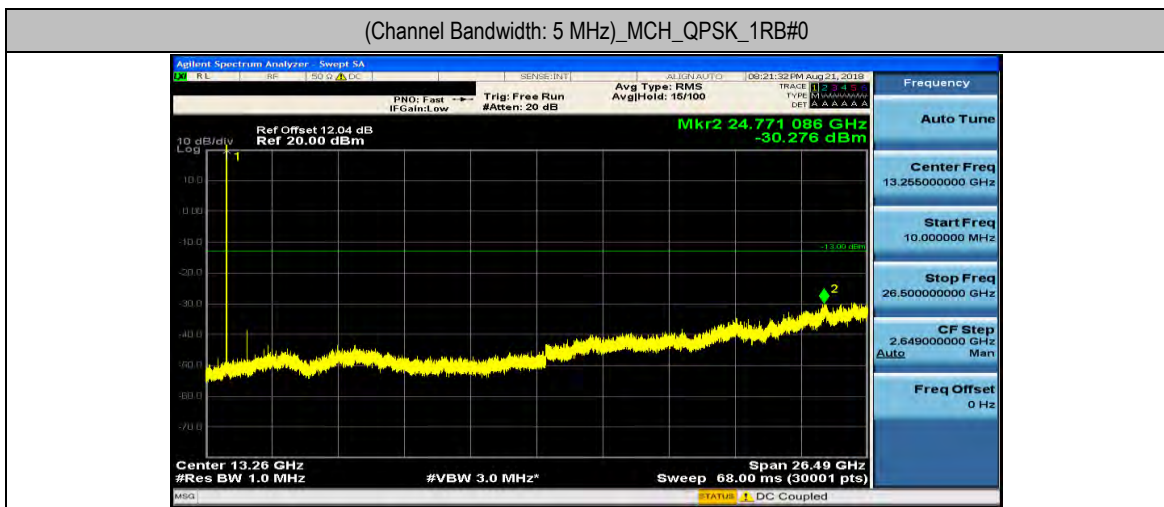


Channel Bandwidth: 5 MHz

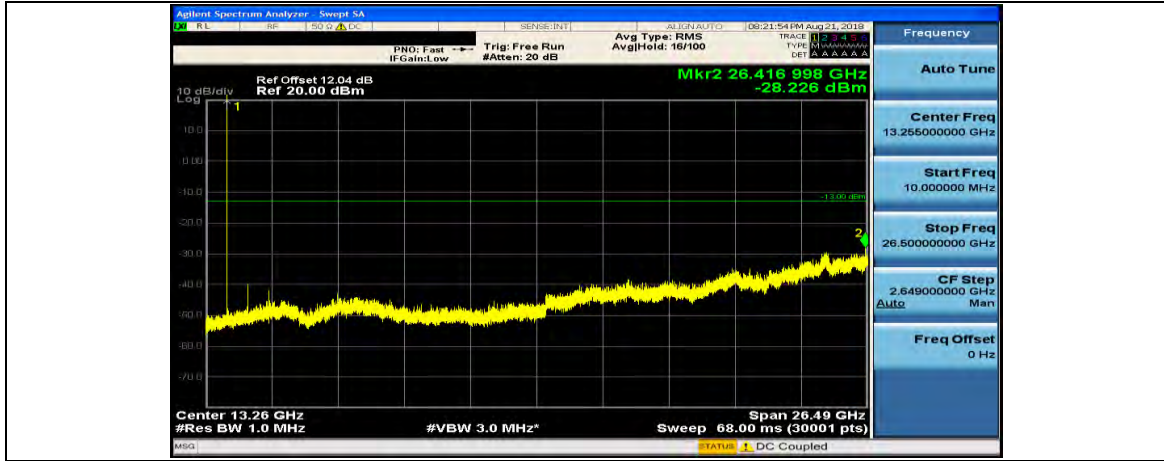
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



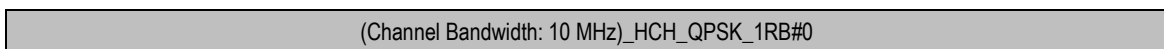
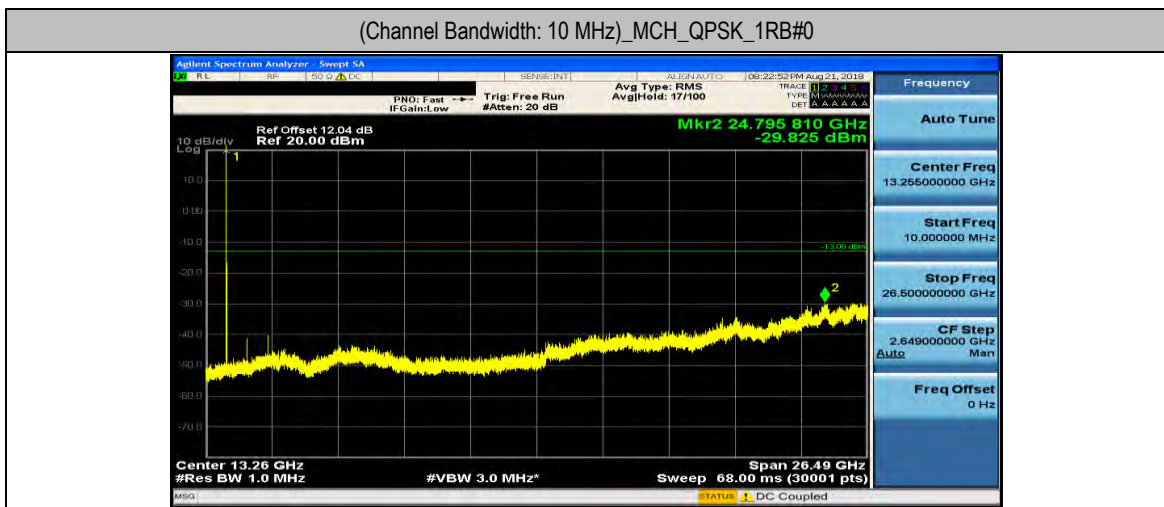
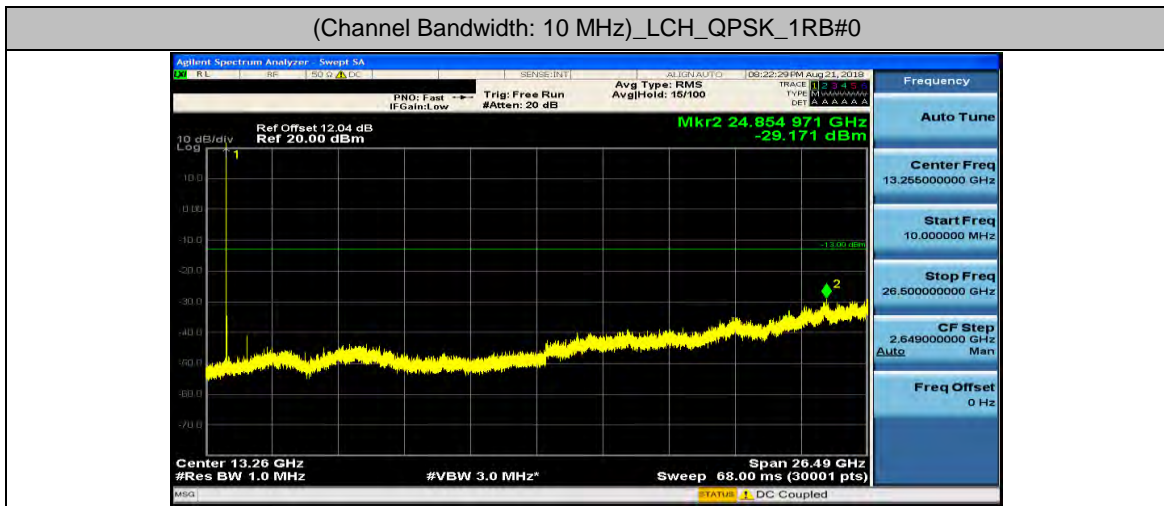
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



(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	-0.60	-0.000728	± 2.5	PASS
		VN	TN	-1.70	-0.002061	± 2.5	PASS
		VH	TN	-0.50	-0.000606	± 2.5	PASS
	MCH	VL	TN	-0.50	-0.000598	± 2.5	PASS
		VN	TN	-1.50	-0.001793	± 2.5	PASS
		VH	TN	-1.30	-0.001554	± 2.5	PASS
	HCH	VL	TN	0.20	0.000236	± 2.5	PASS
		VN	TN	-0.70	-0.000825	± 2.5	PASS
		VH	TN	0.40	0.000472	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.90	-0.002304	± 2.5	PASS
		VN	-20	-1.10	-0.001334	± 2.5	PASS
		VN	-10	-0.30	-0.000364	± 2.5	PASS
		VN	0	0.10	0.000121	± 2.5	PASS
		VN	10	-1.30	-0.001576	± 2.5	PASS
		VN	20	-1.10	-0.001334	± 2.5	PASS
		VN	30	-0.80	-0.000970	± 2.5	PASS
		VN	40	0.20	0.000243	± 2.5	PASS
		VN	50	-0.80	-0.000970	± 2.5	PASS
	MCH	VN	-30	0.40	0.000478	± 2.5	PASS
		VN	-20	-1.40	-0.001674	± 2.5	PASS
		VN	-10	-0.50	-0.000598	± 2.5	PASS
		VN	0	-0.60	-0.000717	± 2.5	PASS
		VN	10	-1.70	-0.002032	± 2.5	PASS
		VN	20	-1.20	-0.001435	± 2.5	PASS
		VN	30	0.10	0.000120	± 2.5	PASS
		VN	40	-0.90	-0.001076	± 2.5	PASS
		VN	50	-1.70	-0.002032	± 2.5	PASS
	HCH	VN	-30	0.20	0.000236	± 2.5	PASS
		VN	-20	-0.30	-0.000354	± 2.5	PASS
		VN	-10	-0.80	-0.000943	± 2.5	PASS



		VN	0	-0.90	-0.001061	± 2.5	PASS
		VN	10	-0.70	-0.000825	± 2.5	PASS
		VN	20	-1.30	-0.001532	± 2.5	PASS
		VN	30	-1.40	-0.001650	± 2.5	PASS
		VN	40	-0.10	-0.000118	± 2.5	PASS
		VN	50	-1.30	-0.001532	± 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	1.80	0.002180	± 2.5	PASS
		VN	TN	1.00	0.001211	± 2.5	PASS
		VH	TN	0.40	0.000485	± 2.5	PASS
	MCH	VL	TN	1.50	0.001793	± 2.5	PASS
		VN	TN	-1.20	-0.001435	± 2.5	PASS
		VH	TN	-1.00	-0.001195	± 2.5	PASS
	HCH	VL	TN	-0.60	-0.000708	± 2.5	PASS
		VN	TN	-1.50	-0.001770	± 2.5	PASS
		VH	TN	-1.40	-0.001652	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.10	-0.001333	± 2.5	PASS
		VN	-20	-0.10	-0.000121	± 2.5	PASS
		VN	-10	0.20	0.000242	± 2.5	PASS
		VN	0	-0.30	-0.000363	± 2.5	PASS
		VN	10	0.00	0.000000	± 2.5	PASS
		VN	20	-0.30	-0.000363	± 2.5	PASS
		VN	30	1.30	0.001575	± 2.5	PASS
		VN	40	0.20	0.000242	± 2.5	PASS
	MCH	VN	50	1.30	0.001575	± 2.5	PASS
		VN	-30	0.90	0.001076	± 2.5	PASS
		VN	-20	0.60	0.000717	± 2.5	PASS
		VN	-10	0.40	0.000478	± 2.5	PASS
		VN	0	-1.20	-0.001435	± 2.5	PASS
		VN	10	-0.40	-0.000478	± 2.5	PASS
		VN	20	0.40	0.000478	± 2.5	PASS
		VN	30	-0.20	-0.000239	± 2.5	PASS
		VN	40	-1.00	-0.001195	± 2.5	PASS
		VN	50	-0.20	-0.000239	± 2.5	PASS
	HCH	VN	-30	-1.30	-0.001534	± 2.5	PASS
		VN	-20	-1.20	-0.001416	± 2.5	PASS
		VN	-10	-0.50	-0.000590	± 2.5	PASS
		VN	0	-2.50	-0.002950	± 2.5	PASS





		VN	10	-2.50	-0.002950	± 2.5	PASS
		VN	20	-0.60	-0.000708	± 2.5	PASS
		VN	30	-1.20	-0.001416	± 2.5	PASS
		VN	40	-0.60	-0.000708	± 2.5	PASS
		VN	50	-1.20	-0.001416	± 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	0.20	0.000242	± 2.5	PASS
		VN	TN	0.30	0.000363	± 2.5	PASS
		VH	TN	0.50	0.000605	± 2.5	PASS
	MCH	VL	TN	-1.40	-0.001674	± 2.5	PASS
		VN	TN	-0.60	-0.000717	± 2.5	PASS
		VH	TN	-0.40	-0.000478	± 2.5	PASS
	HCH	VL	TN	-0.80	-0.000945	± 2.5	PASS
		VN	TN	0.20	0.000236	± 2.5	PASS
		VH	TN	-0.70	-0.000827	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.20	0.000242	± 2.5	PASS
		VN	-20	0.20	0.000242	± 2.5	PASS
		VN	-10	0.10	0.000121	± 2.5	PASS
		VN	0	-0.50	-0.000605	± 2.5	PASS
		VN	10	0.70	0.000847	± 2.5	PASS
		VN	20	-0.40	-0.000484	± 2.5	PASS
		VN	30	-0.60	-0.000726	± 2.5	PASS
		VN	40	-1.40	-0.001694	± 2.5	PASS
	VN	50	-2.40	-0.002904	± 2.5	PASS	
	MCH	VN	-30	-0.90	-0.001076	± 2.5	PASS
		VN	-20	-1.20	-0.001435	± 2.5	PASS
		VN	-10	1.10	0.001315	± 2.5	PASS
		VN	0	0.60	0.000717	± 2.5	PASS
		VN	10	-0.20	-0.000239	± 2.5	PASS
		VN	20	-0.40	-0.000478	± 2.5	PASS
		VN	30	0.10	0.000120	± 2.5	PASS
		VN	40	0.80	0.000956	± 2.5	PASS
	VN	50	-0.20	-0.000239	± 2.5	PASS	
	HCH	VN	-30	-1.10	-0.001299	± 2.5	PASS
		VN	-20	0.20	0.000236	± 2.5	PASS
		VN	-10	-0.60	-0.000709	± 2.5	PASS
		VN	0	-0.80	-0.000945	± 2.5	PASS
		VN	10	0.30	0.000354	± 2.5	PASS



		VN	20	-1.70	-0.002008	± 2.5	PASS
		VN	30	1.10	0.001299	± 2.5	PASS
		VN	40	-1.00	-0.001181	± 2.5	PASS
		VN	50	-0.70	-0.000827	± 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	0.40	0.000483	± 2.5	PASS
		VN	TN	0.30	0.000362	± 2.5	PASS
		VH	TN	-0.90	-0.001086	± 2.5	PASS
	MCH	VL	TN	0.20	0.000239	± 2.5	PASS
		VN	TN	-0.60	-0.000717	± 2.5	PASS
		VH	TN	-0.70	-0.000837	± 2.5	PASS
	HCH	VL	TN	-0.10	-0.000118	± 2.5	PASS
		VN	TN	0.00	0.000000	± 2.5	PASS
		VH	TN	0.60	0.000711	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.00	-0.001206	± 2.5	PASS
		VN	-20	0.10	0.000121	± 2.5	PASS
		VN	-10	0.40	0.000483	± 2.5	PASS
		VN	0	0.00	0.000000	± 2.5	PASS
		VN	10	-1.20	-0.001448	± 2.5	PASS
		VN	20	-1.40	-0.001689	± 2.5	PASS
		VN	30	0.10	0.000121	± 2.5	PASS
		VN	40	-0.70	-0.000844	± 2.5	PASS
		VN	50	-0.30	-0.000362	± 2.5	PASS
	MCH	VN	-30	-0.30	-0.000359	± 2.5	PASS
		VN	-20	-1.10	-0.001315	± 2.5	PASS
		VN	-10	0.40	0.000478	± 2.5	PASS
		VN	0	-1.20	-0.001435	± 2.5	PASS
		VN	10	0.80	0.000956	± 2.5	PASS
		VN	20	-1.20	-0.001435	± 2.5	PASS
		VN	30	-0.50	-0.000598	± 2.5	PASS
		VN	40	-1.00	-0.001195	± 2.5	PASS
		VN	50	0.00	0.000000	± 2.5	PASS
	HCH	VN	-30	0.40	0.000474	± 2.5	PASS
		VN	-20	-1.00	-0.001185	± 2.5	PASS
		VN	-10	-1.20	-0.001422	± 2.5	PASS
		VN	0	1.00	0.001185	± 2.5	PASS
		VN	10	0.40	0.000474	± 2.5	PASS
		VN	20	-1.70	-0.002014	± 2.5	PASS



		VN	30	-1.50	-0.001777	± 2.5	PASS
		VN	40	0.30	0.000355	± 2.5	PASS
		VN	50	-1.50	-0.001777	± 2.5	PASS