

## Appendix A: Average Power Output Data

### Test Result

#### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.13	PASS
		1	12	22.87	PASS
		1	24	22.77	PASS
		12	0	21.98	PASS
		12	6	21.96	PASS
		12	13	21.91	PASS
		25	0	21.98	PASS
	MCH	1	0	23.12	PASS
		1	12	22.86	PASS
		1	24	22.76	PASS
		12	0	21.95	PASS
		12	6	21.97	PASS
		12	13	21.90	PASS
		25	0	21.97	PASS
	HCH	1	0	23.12	PASS
		1	12	22.85	PASS
		1	24	22.76	PASS
		12	0	21.96	PASS
		12	6	21.96	PASS
		12	13	21.90	PASS
		25	0	21.98	PASS
16QAM	LCH	1	0	22.14	PASS
		1	12	22.11	PASS
		1	24	21.93	PASS
		12	0	20.99	PASS
		12	6	20.97	PASS
		12	13	20.89	PASS
		25	0	20.95	PASS
	MCH	1	0	22.13	PASS

		1	12	22.10	PASS
		1	24	21.93	PASS
		12	0	20.98	PASS
		12	6	20.97	PASS
		12	13	20.87	PASS
		25	0	20.94	PASS
	HCH	1	0	22.13	PASS
		1	12	22.11	PASS
		1	24	21.92	PASS
		12	0	20.96	PASS
		12	6	20.97	PASS
		12	13	20.87	PASS
		25	0	20.94	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	23.23	PASS
		1	24	22.99	PASS
		1	49	22.88	PASS
		25	0	22.00	PASS
		25	12	21.99	PASS
		25	25	21.95	PASS
		50	0	21.94	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
/		/	/	/	
16QAM	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/

		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	21.93	PASS
		1	24	21.96	PASS
		1	49	21.85	PASS
		25	0	21.05	PASS
		25	12	21.03	PASS
		25	25	20.97	PASS
		50	0	20.97	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
/		/	/	/	
/		/	/	/	

## Appendix B: Peak-to-Average Ratio

### Test Result

#### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.19	<13	PASS
		1	12	2.29	<13	PASS
		1	24	3.13	<13	PASS
		12	0	3.24	<13	PASS
		12	6	3.45	<13	PASS
		12	13	3.83	<13	PASS
		25	0	3.72	<13	PASS
	MCH	1	0	2.33	<13	PASS
		1	12	3.25	<13	PASS
		1	24	3.79	<13	PASS
		12	0	3.93	<13	PASS
		12	6	4.37	<13	PASS
		12	13	4.85	<13	PASS
		25	0	4.52	<13	PASS
	HCH	1	0	3.34	<13	PASS
		1	12	3.61	<13	PASS
		1	24	2.82	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.82	<13	PASS
		12	13	4.44	<13	PASS
		25	0	4.71	<13	PASS
16QAM	LCH	1	0	3.31	<13	PASS
		1	12	3.42	<13	PASS
		1	24	4.05	<13	PASS
		12	0	4.22	<13	PASS
		12	6	4.3	<13	PASS
		12	13	4.75	<13	PASS
		25	0	4.55	<13	PASS
	MCH	1	0	3.3	<13	PASS
		1	12	3.96	<13	PASS

		1	24	4.55	<13	PASS
		12	0	4.82	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.8	<13	PASS
		25	0	5.41	<13	PASS
	HCH	1	0	4.15	<13	PASS
		1	12	4.43	<13	PASS
		1	24	3.84	<13	PASS
		12	0	5.69	<13	PASS
		12	6	5.71	<13	PASS
		12	13	5.3	<13	PASS
		25	0	5.62	<13	PASS

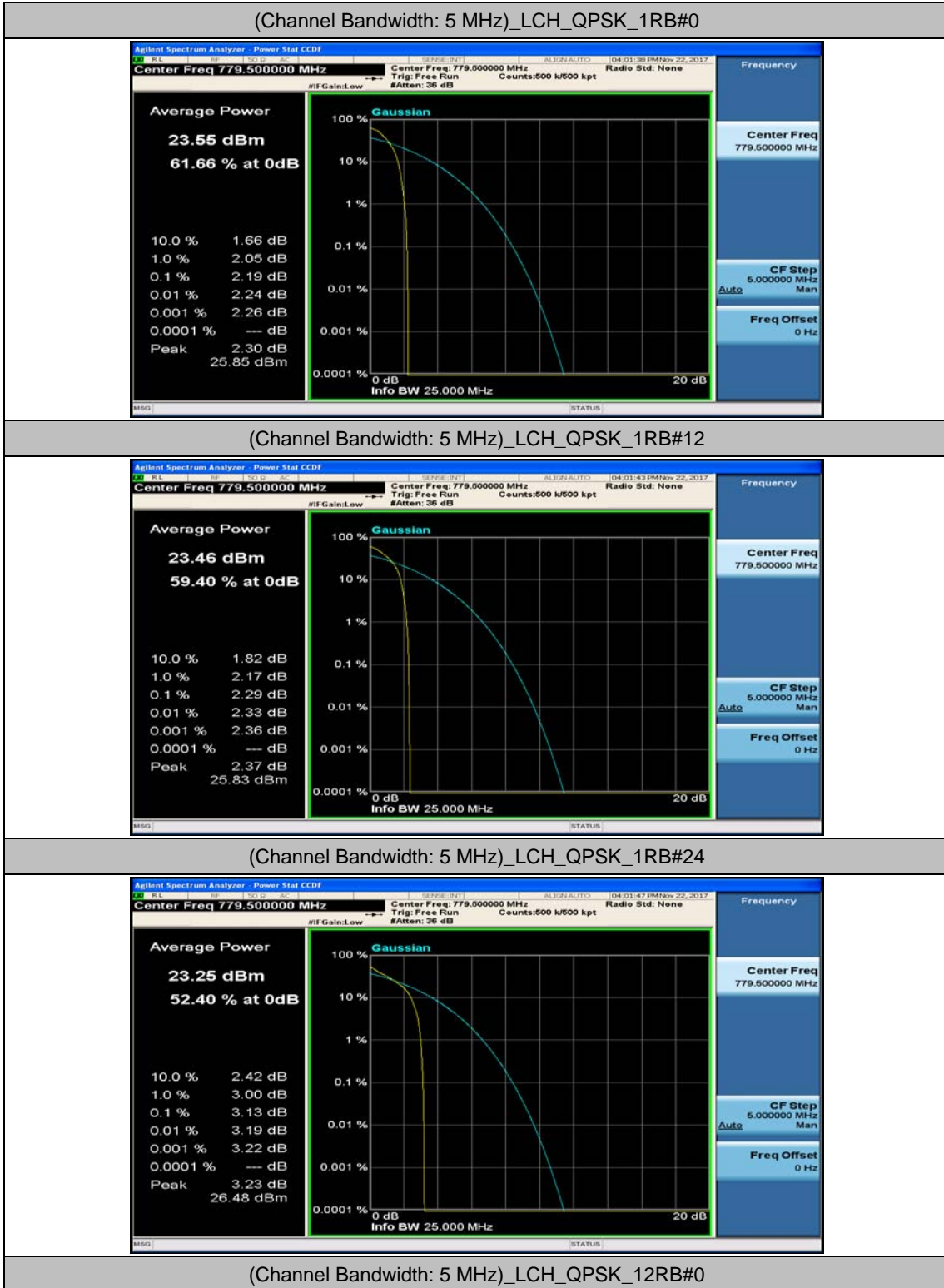
**Channel Bandwidth: 10 MHz**

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	2.11	<13	PASS
		1	24	3.27	<13	PASS
		1	49	2.98	<13	PASS
		25	0	3.72	<13	PASS
		25	12	4.44	<13	PASS
		25	25	4.79	<13	PASS
		50	0	4.41	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
/		/	/	/	/	
/		/	/	/	/	
16QAM	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/

		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	3.24	<13	PASS
		1	24	4.08	<13	PASS
		1	49	4	<13	PASS
		25	0	4.63	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.3	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
/		/	/	/	/	
/		/	/	/	/	
/		/	/	/	/	

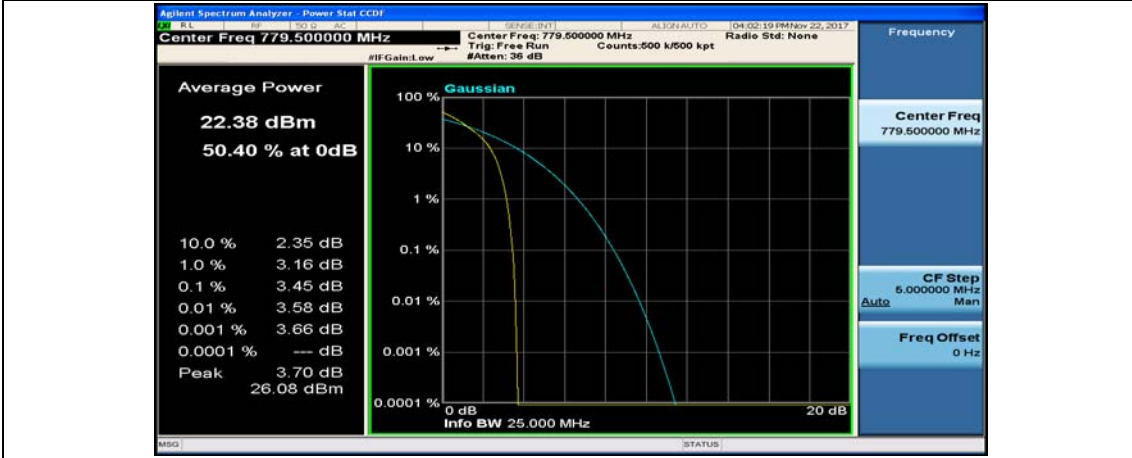
## Test Graphs

### Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



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





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



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



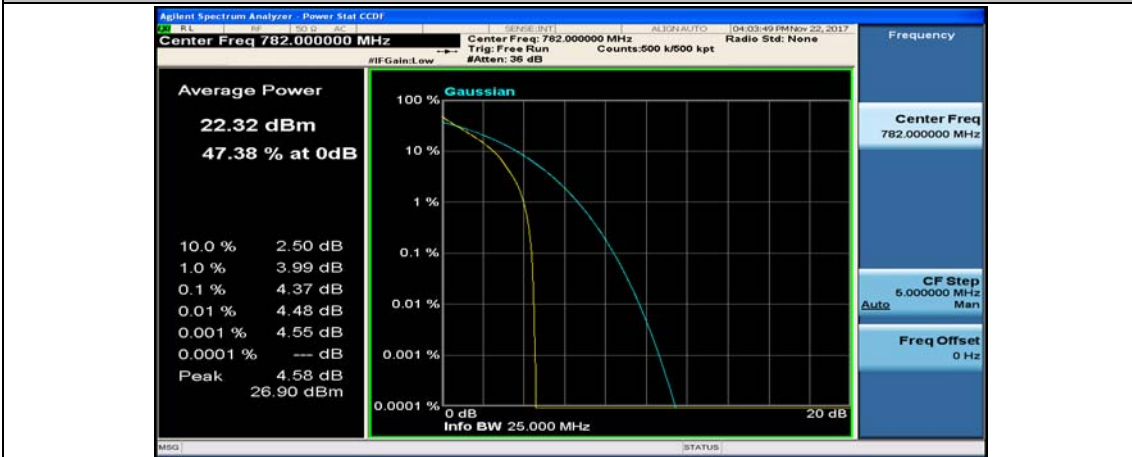
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



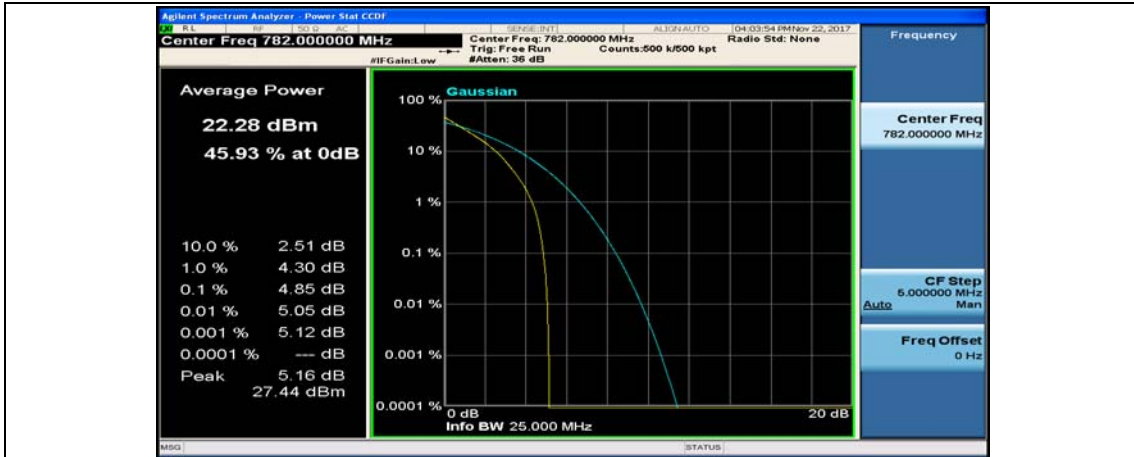
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



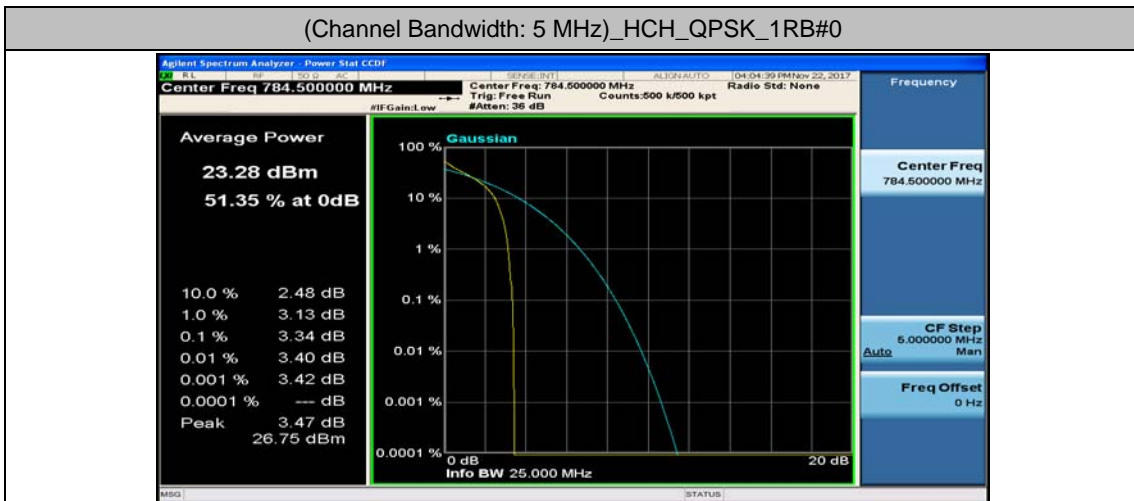
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



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



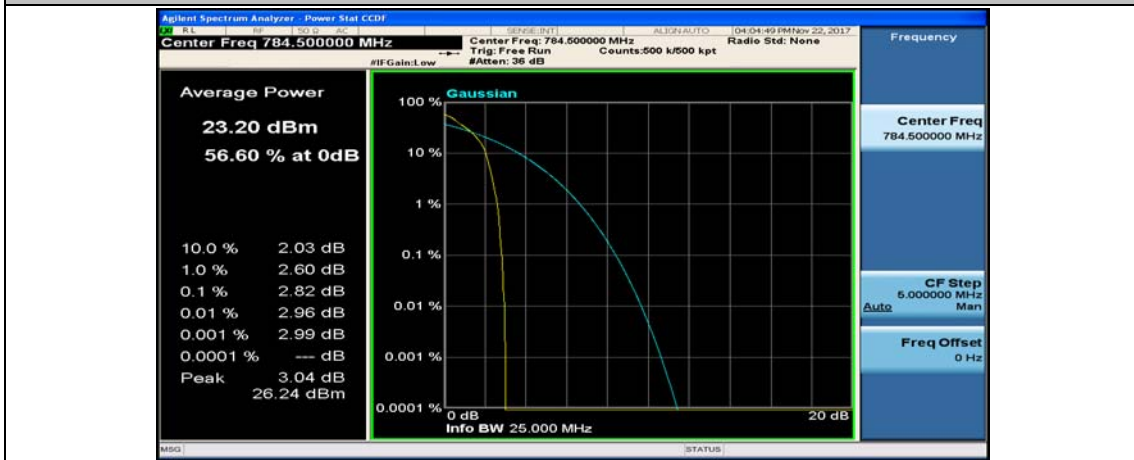
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



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



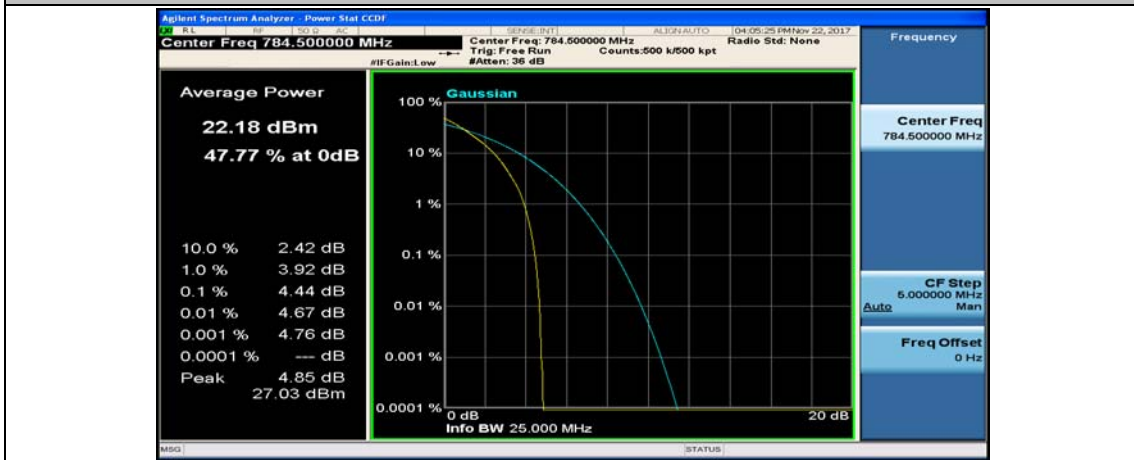
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



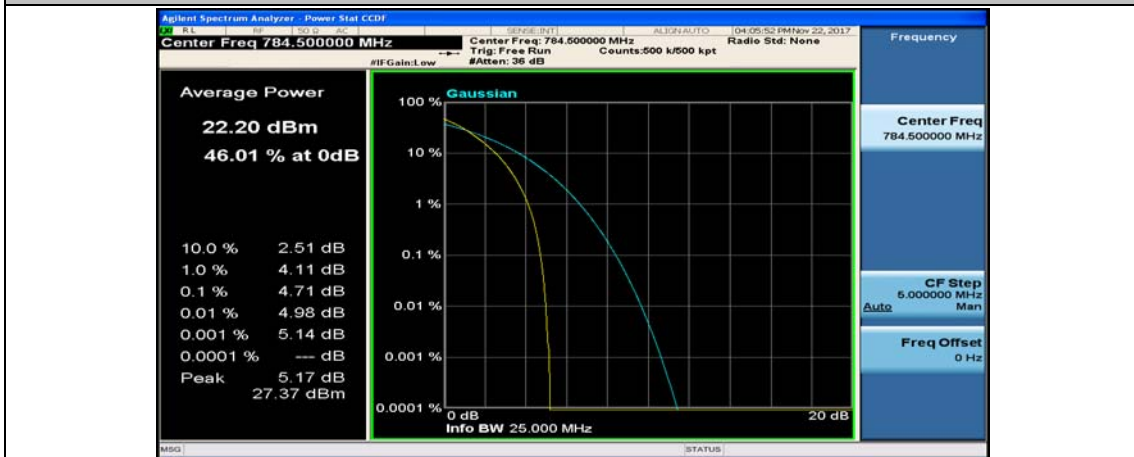
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



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

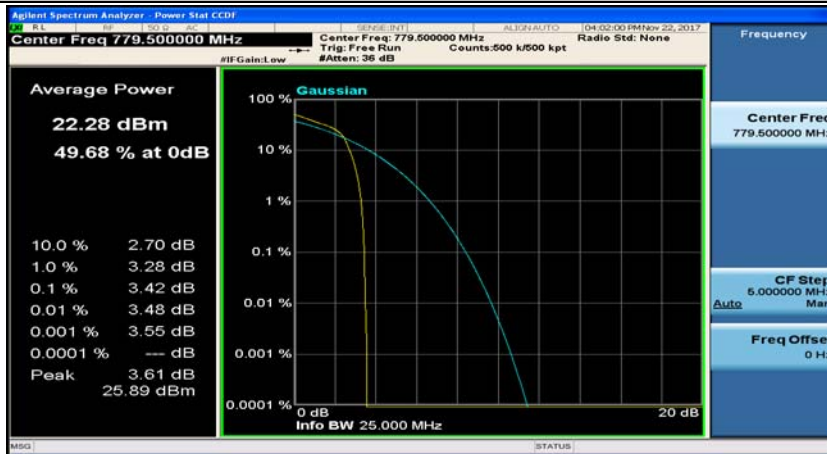




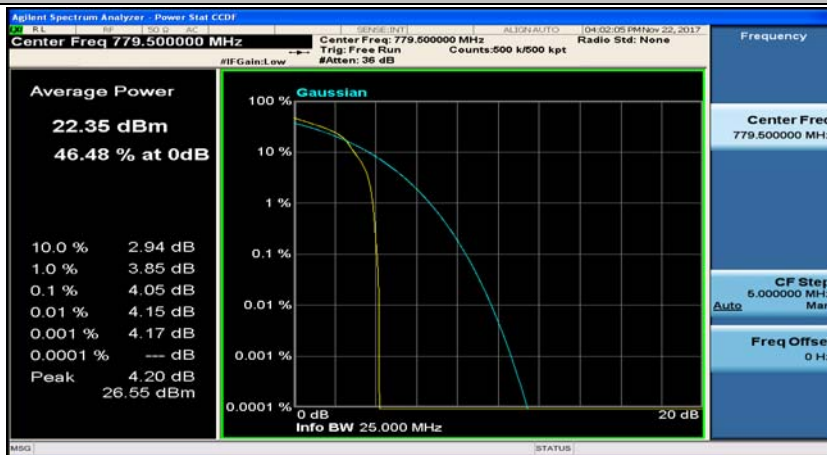
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



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



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



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



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



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



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

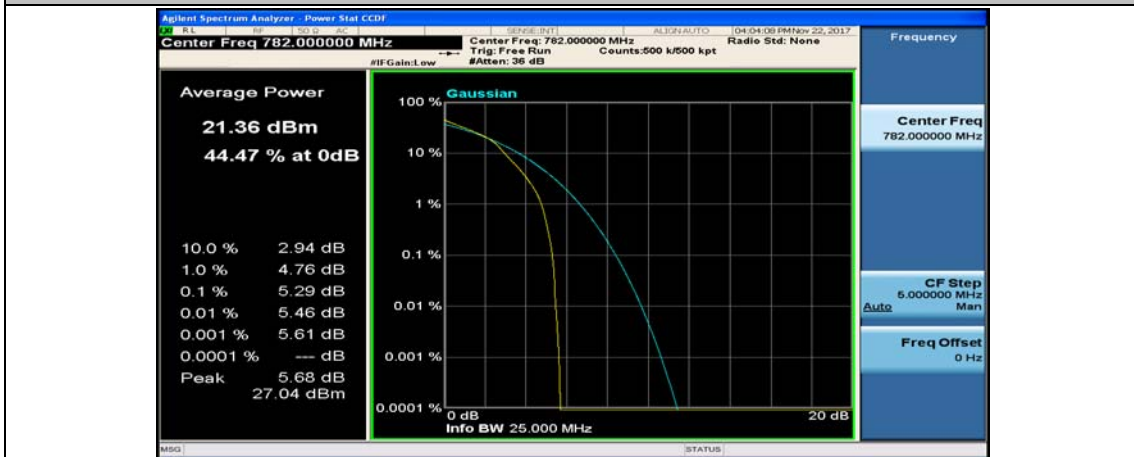




(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



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



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



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



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



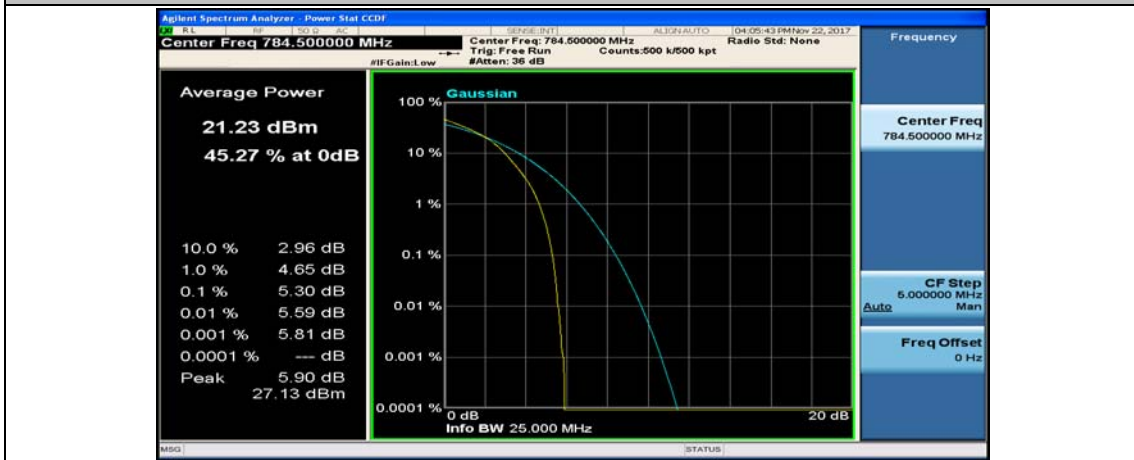
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



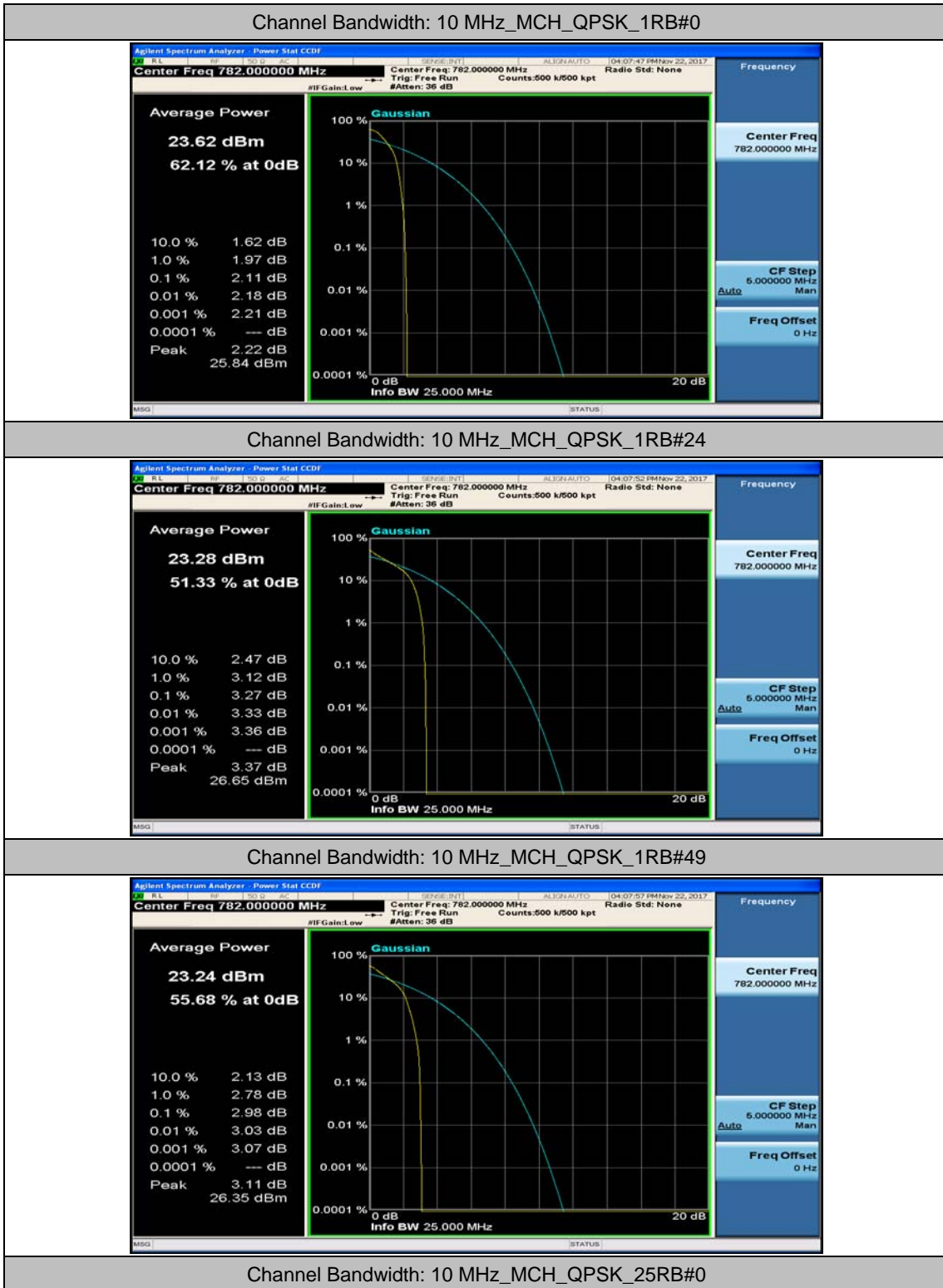
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13



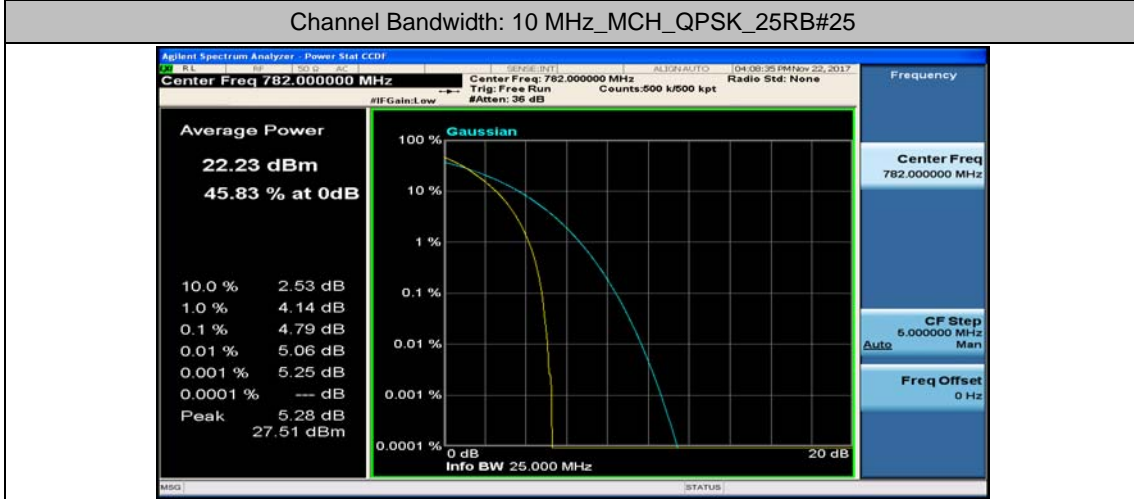
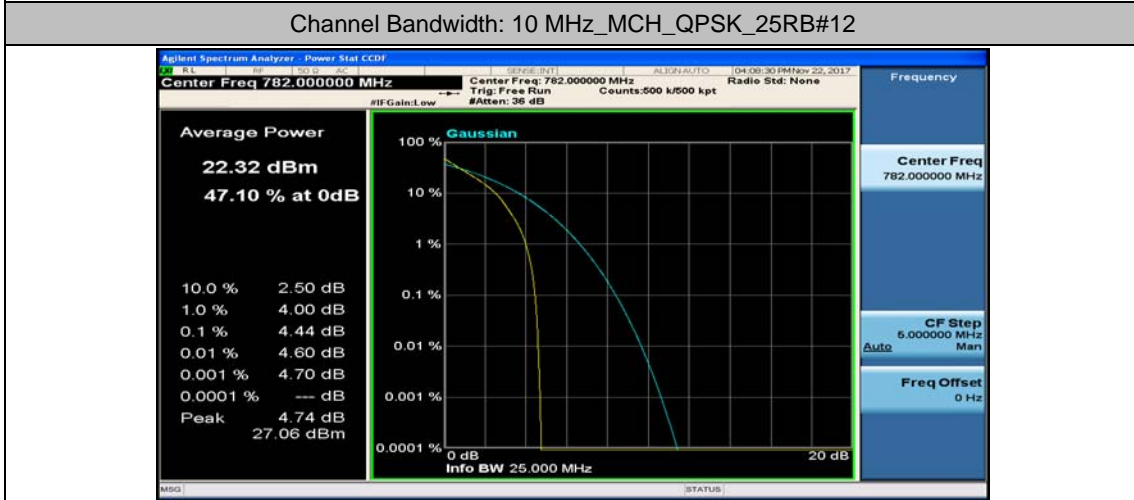
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



### Channel Bandwidth: 10 MHz









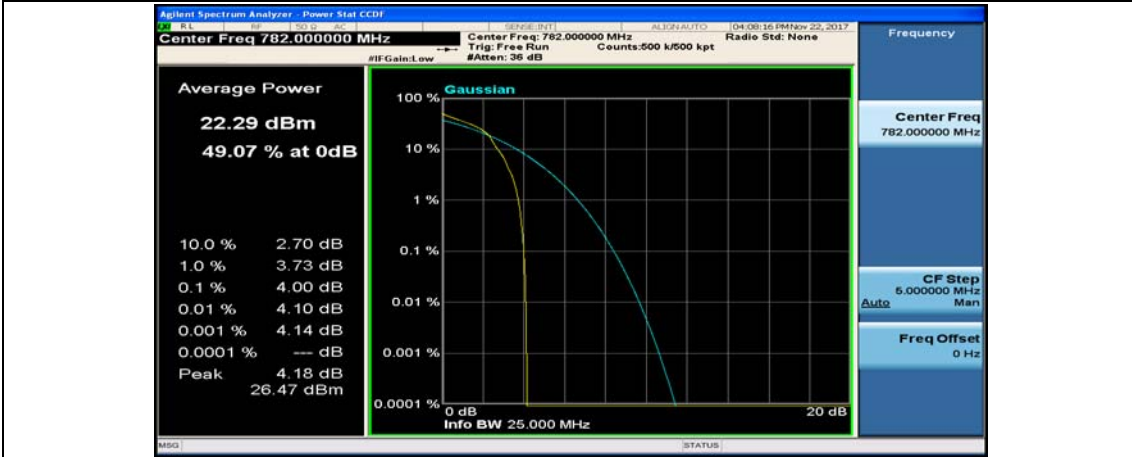
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



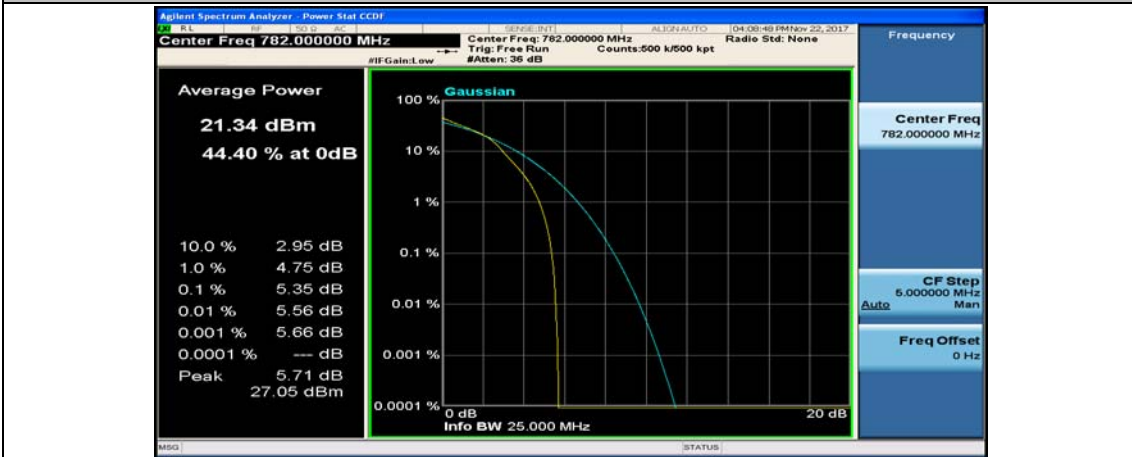
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0

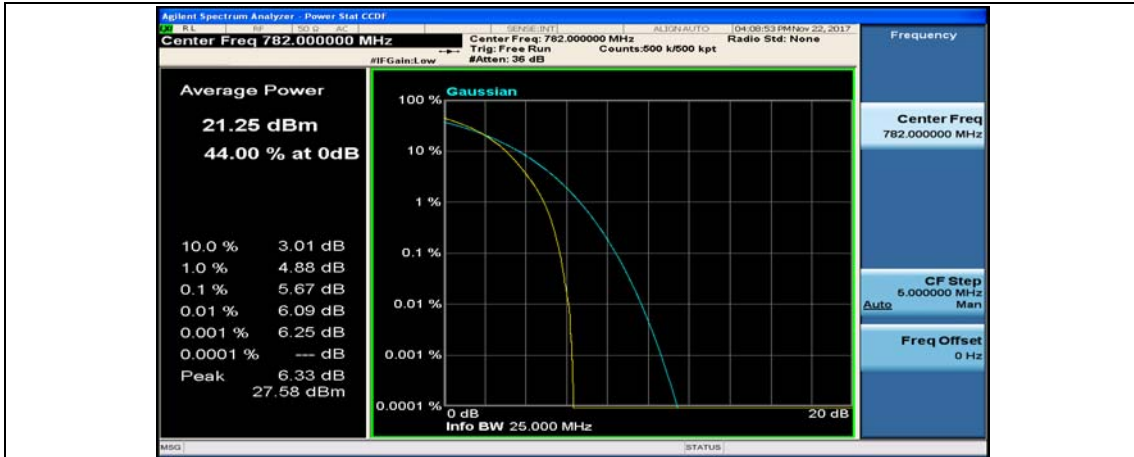


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 5 MHz

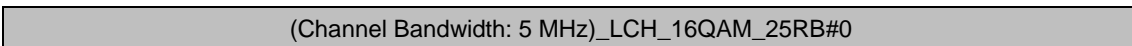
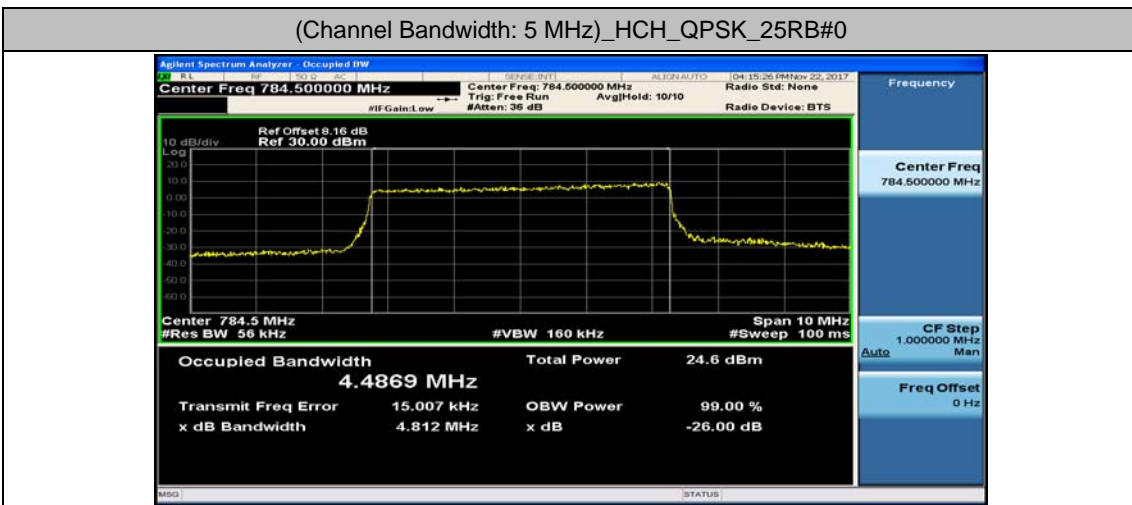
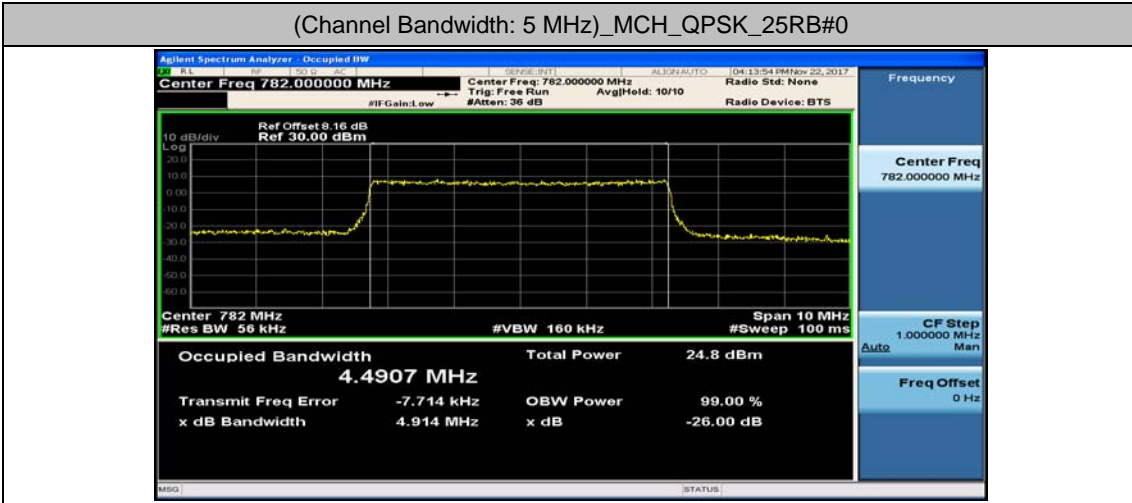
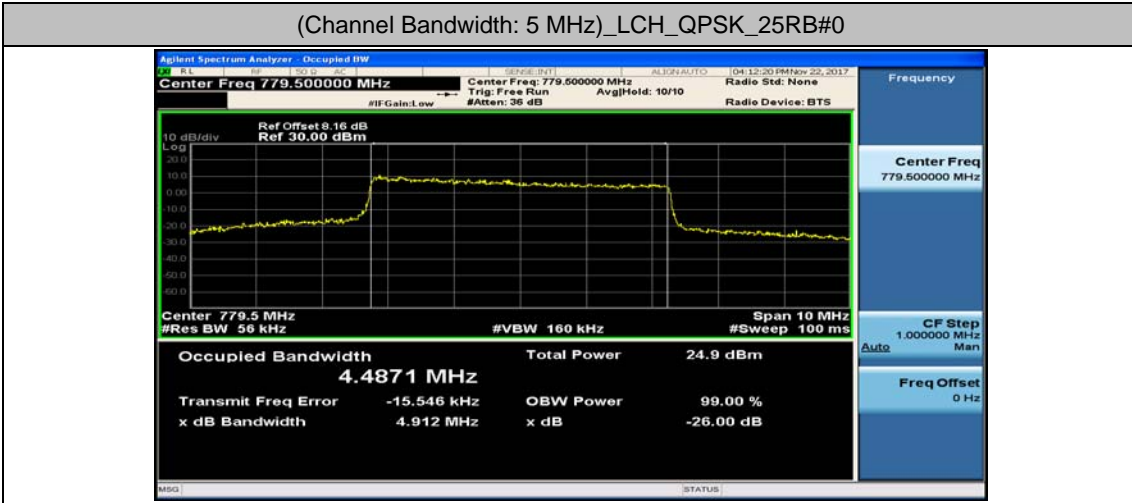
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4871	4.912	PASS
	MCH	25	0	4.4907	4.914	PASS
	HCH	25	0	4.4869	4.812	PASS
16QAM	LCH	25	0	4.4916	5.003	PASS
	MCH	25	0	4.4991	4.876	PASS
	HCH	25	0	4.4805	4.815	PASS

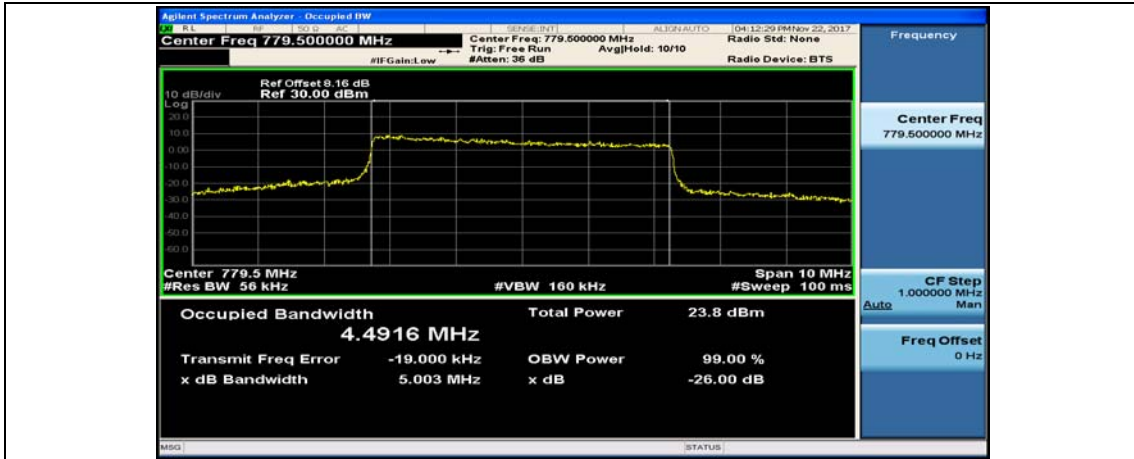
#### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
	MCH	50	0	9.0110	9.680	PASS
	HCH	/	/	/	/	/
16QAM	LCH	/	/	/	/	/
	MCH	50	0	9.0066	9.707	PASS
	HCH	/	/	/	/	/

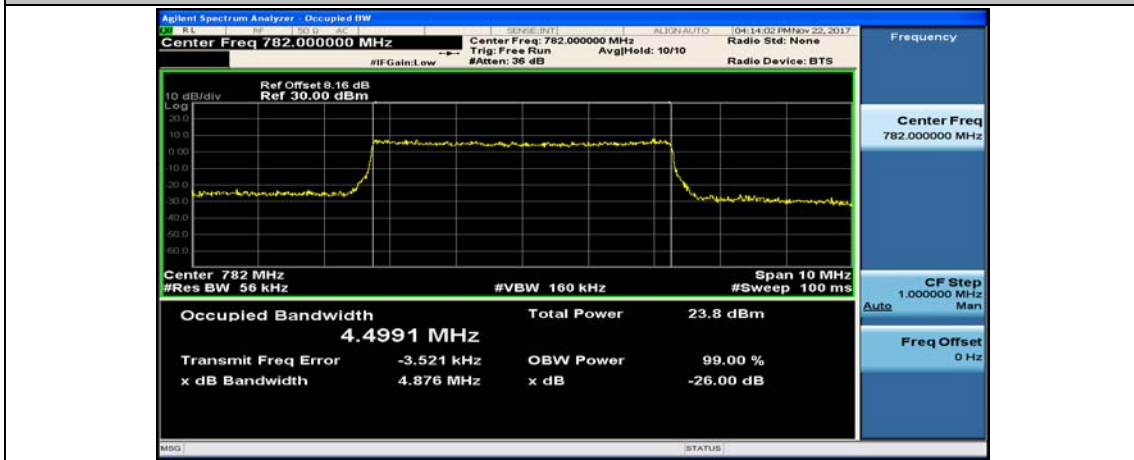
### Test Graphs

### Channel Bandwidth: 5 MHz

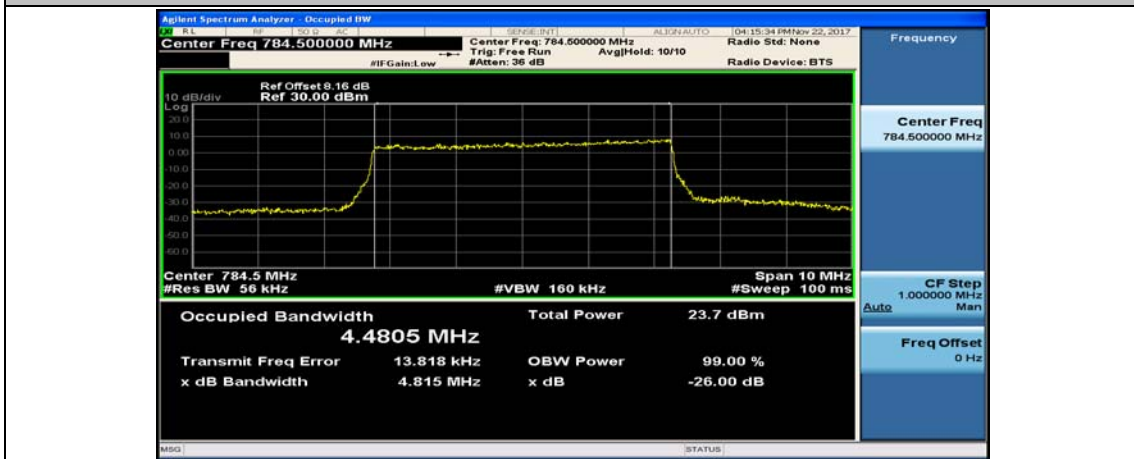




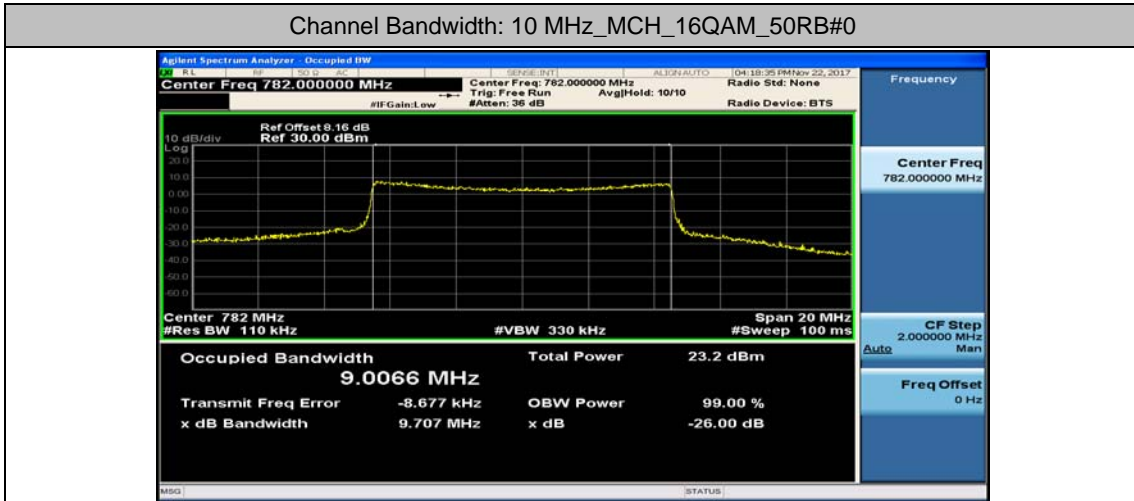
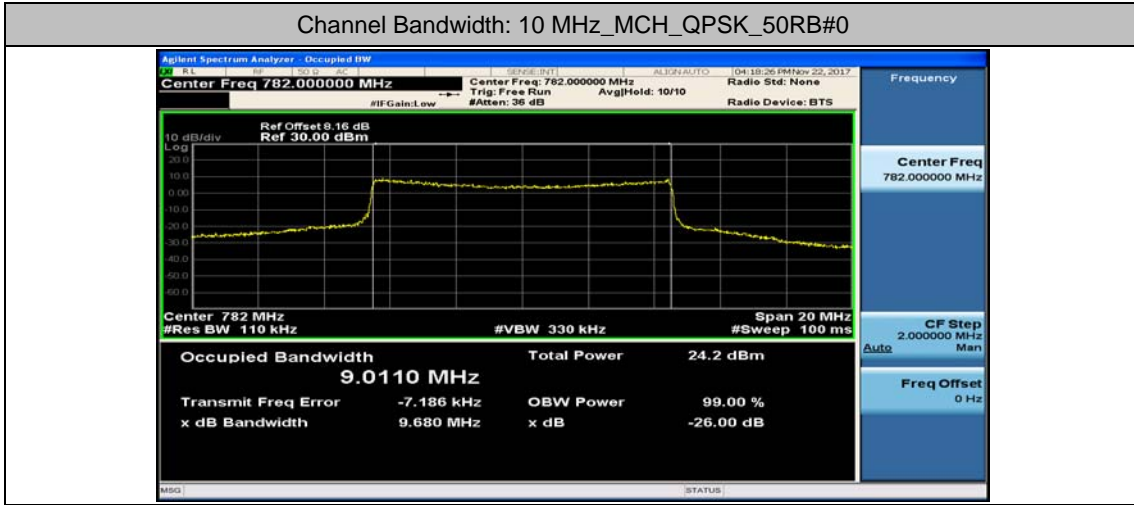
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



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



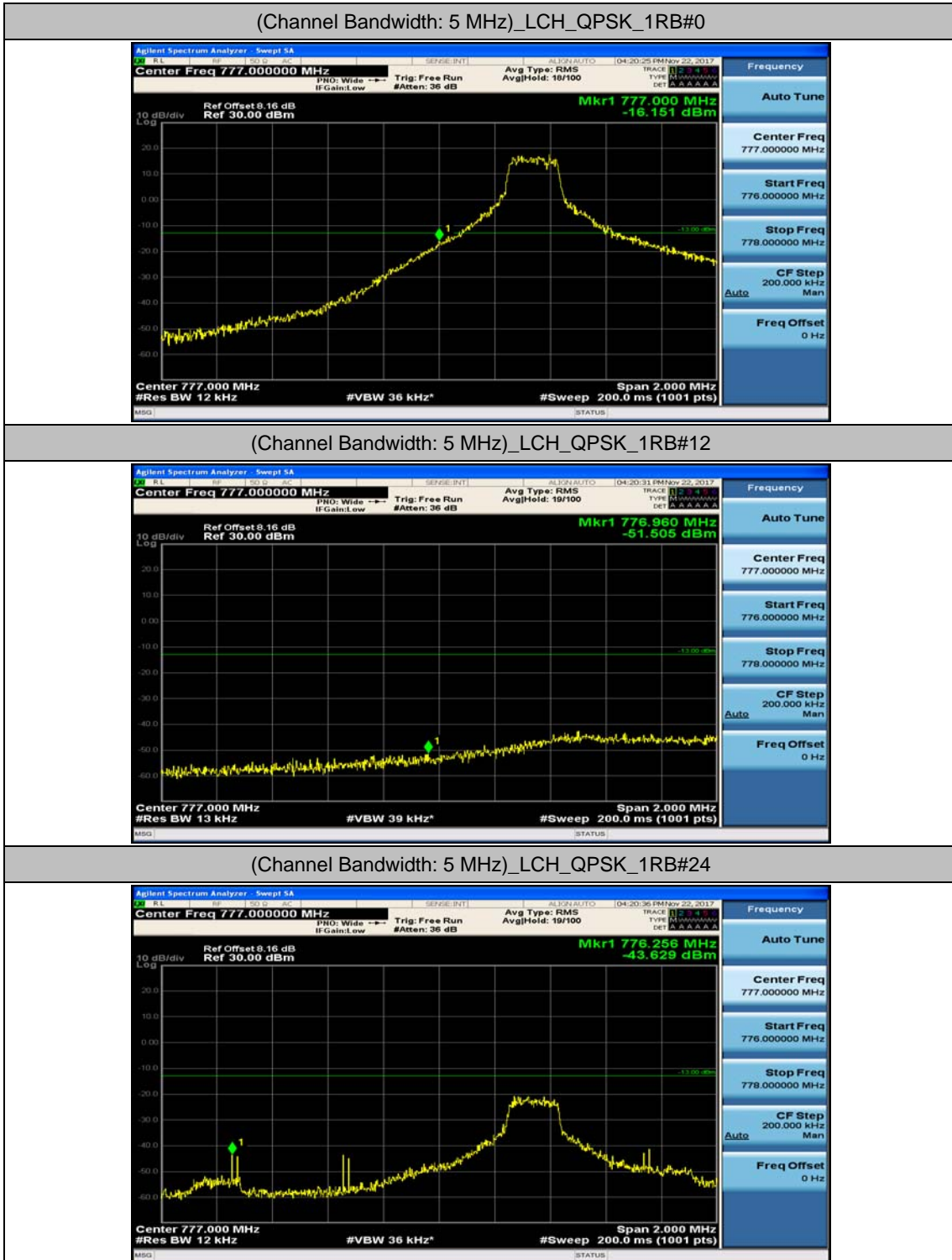
### Channel Bandwidth: 10 MHz



## Appendix D: Band Edge

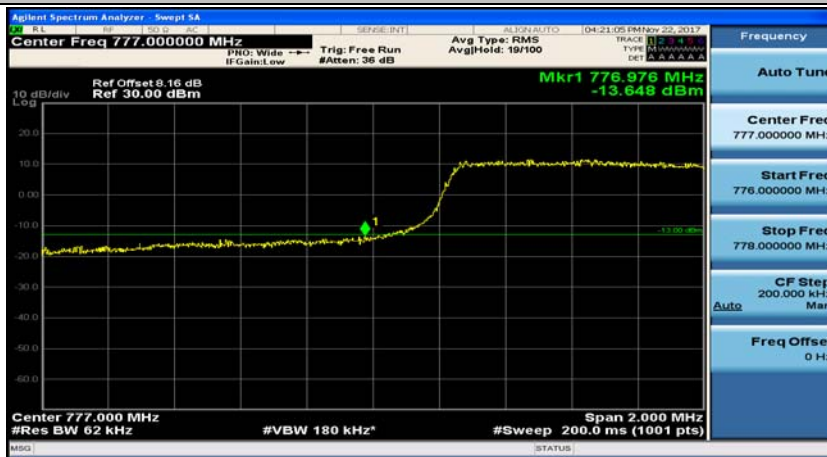
### Test Graphs

Channel Bandwidth: 5 MHz

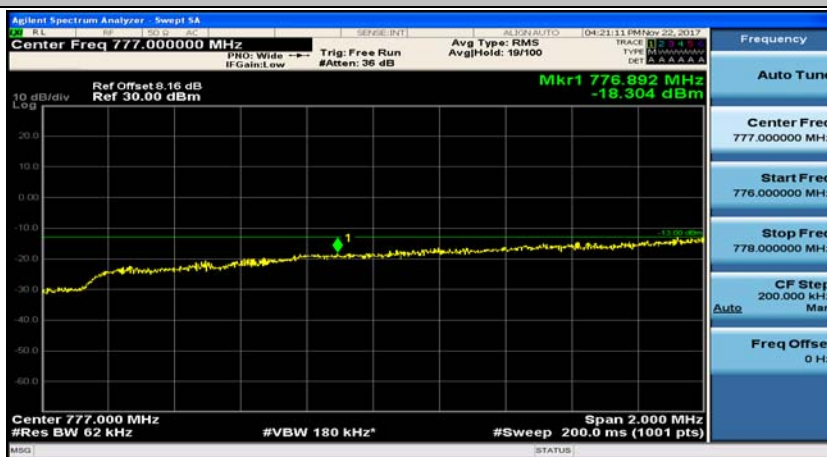




(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



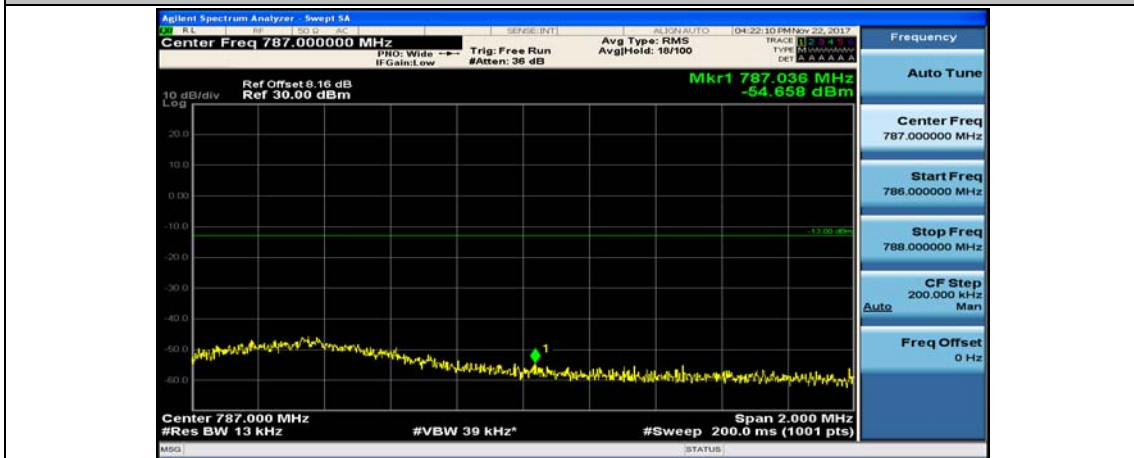
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



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

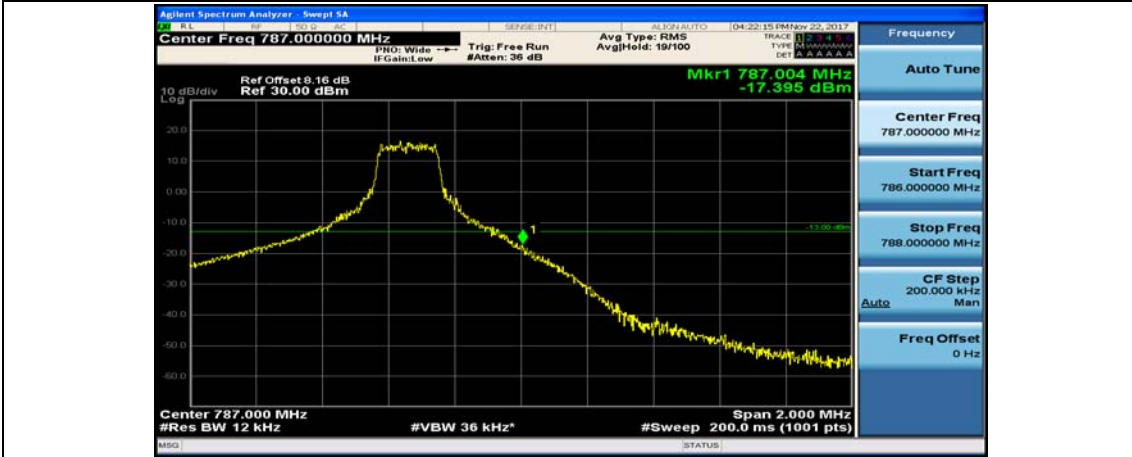


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12

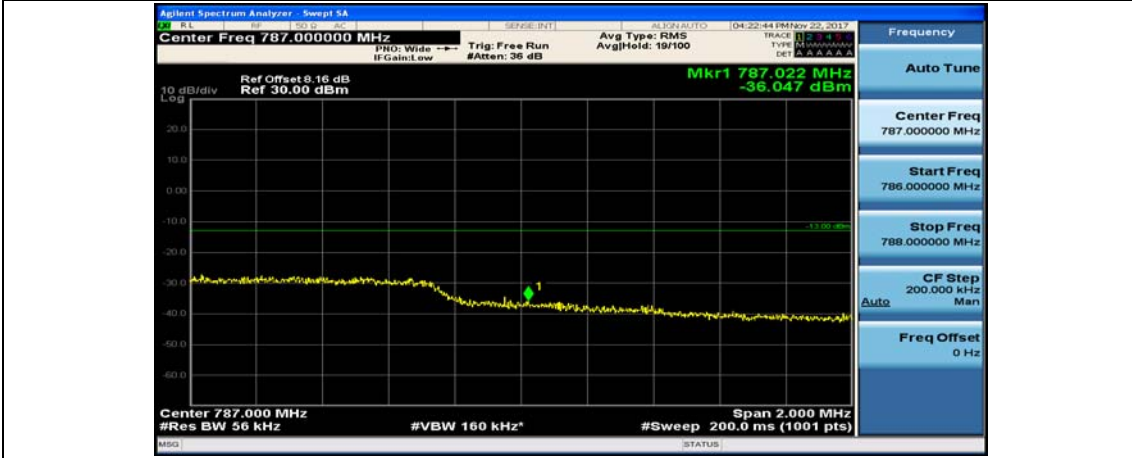


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

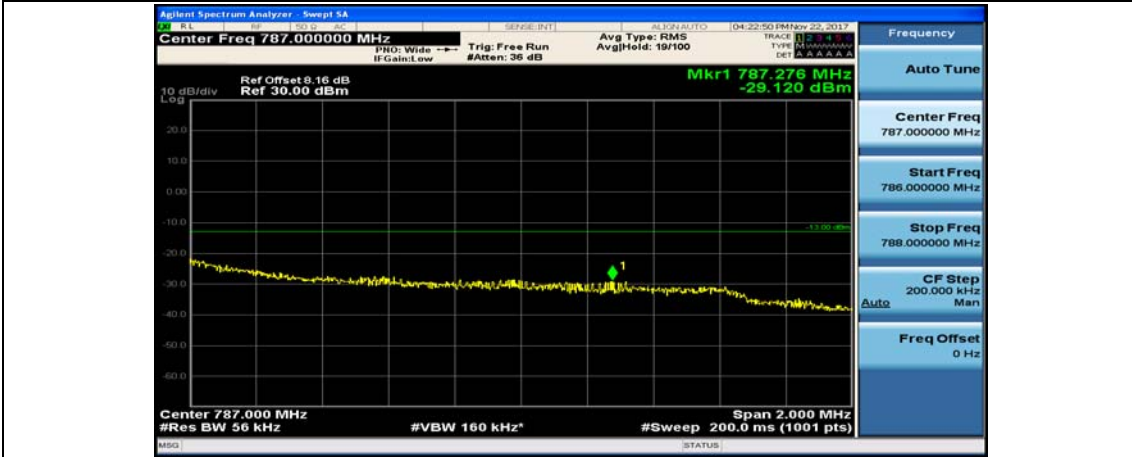




(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



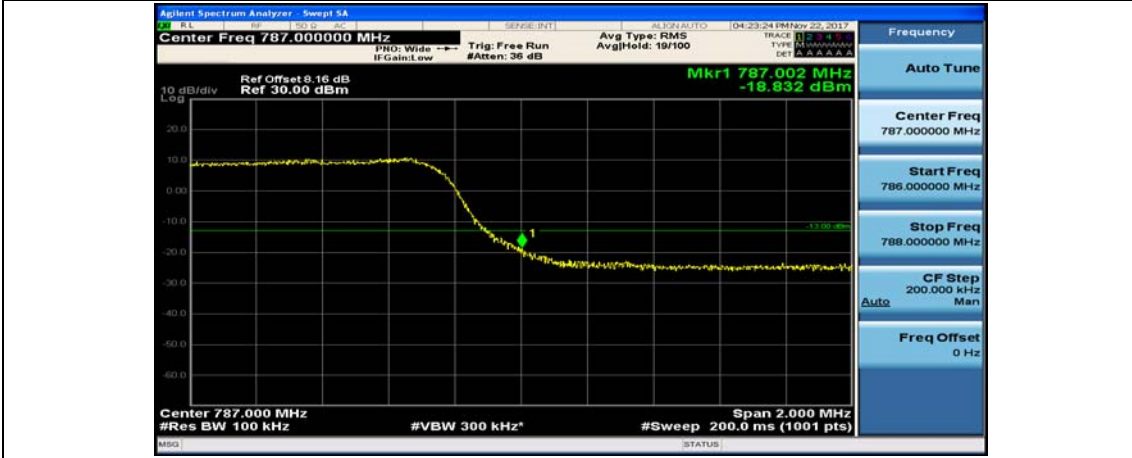
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



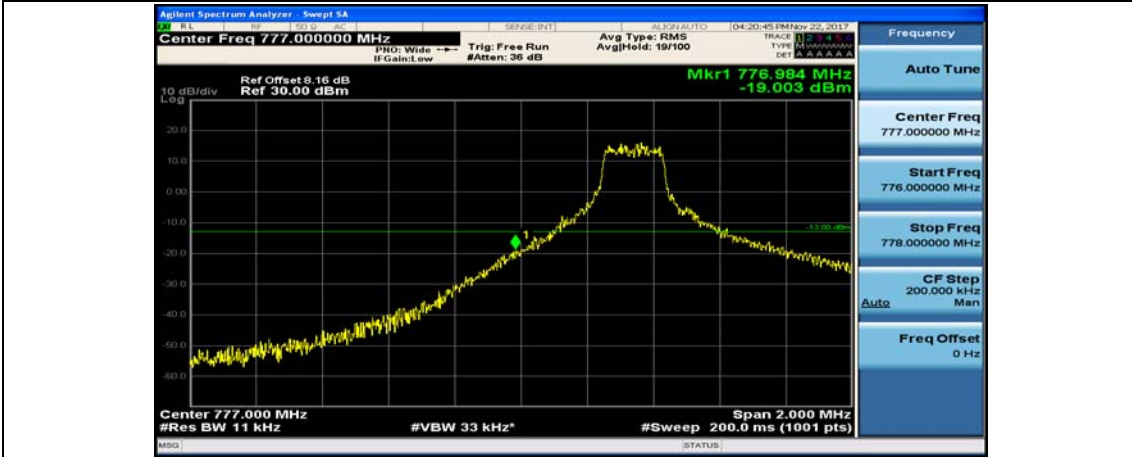
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



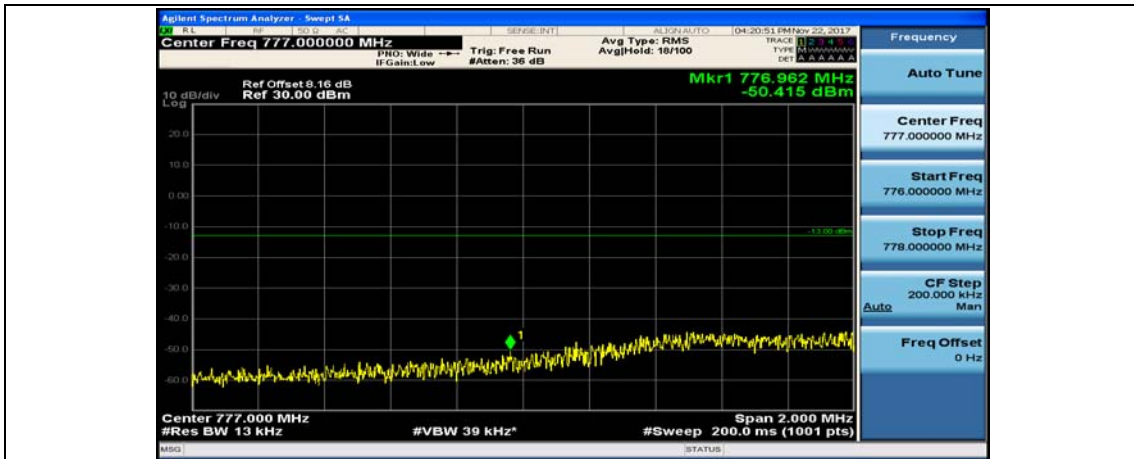
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



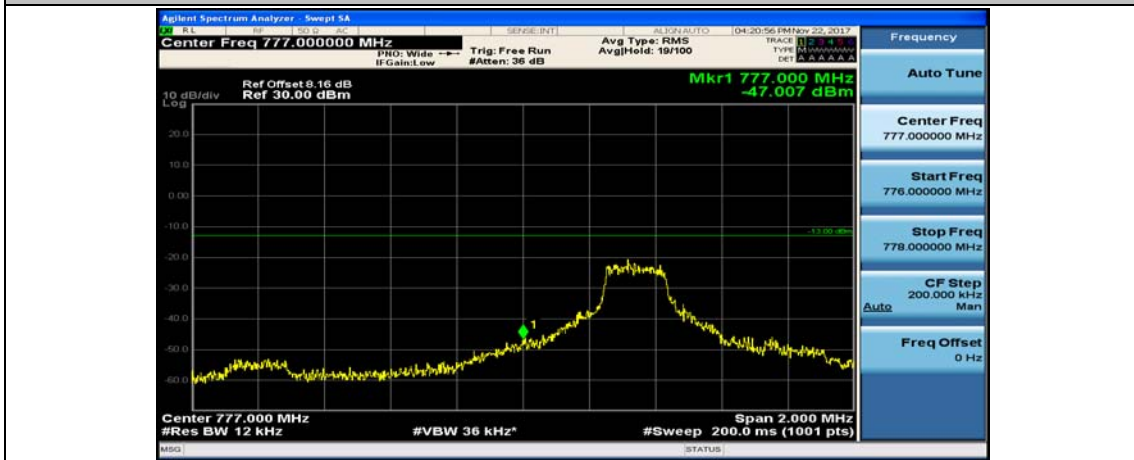
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



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



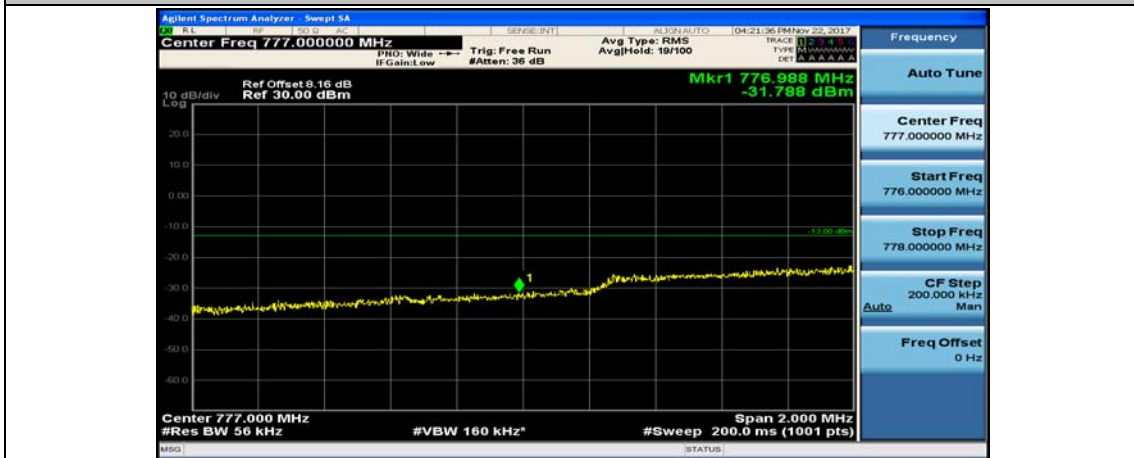
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



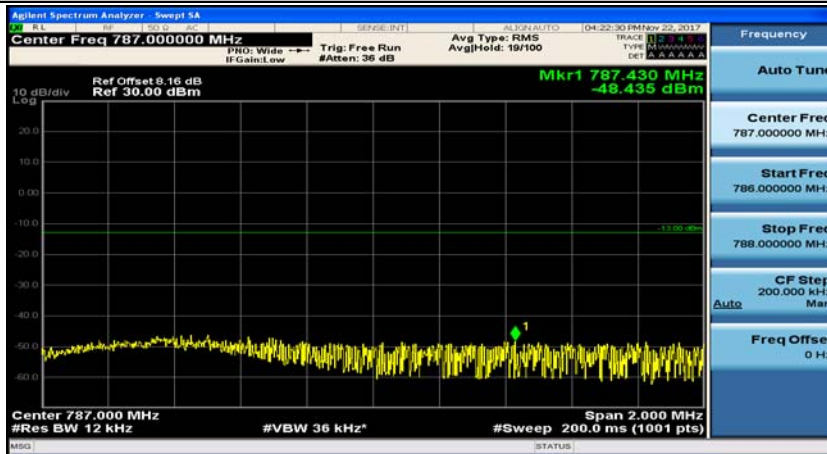
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



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



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0





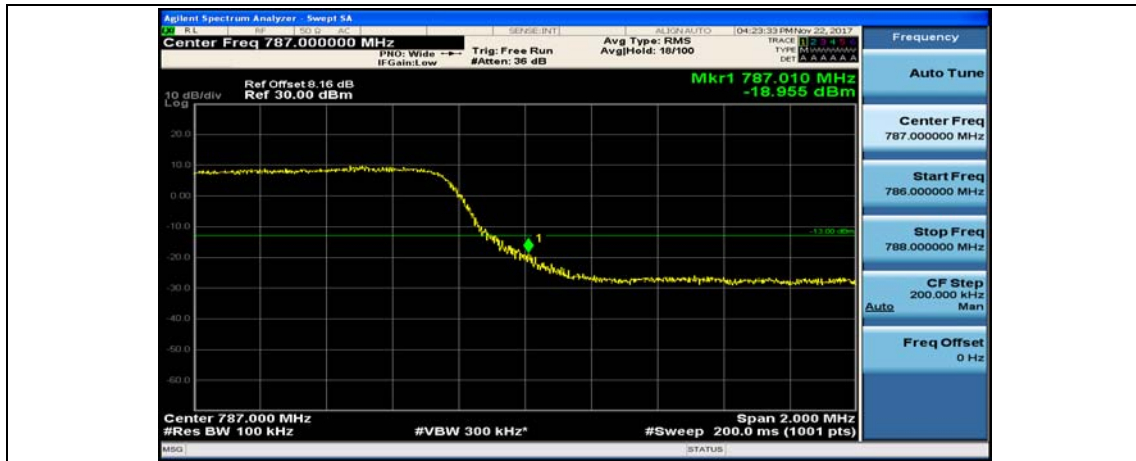
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



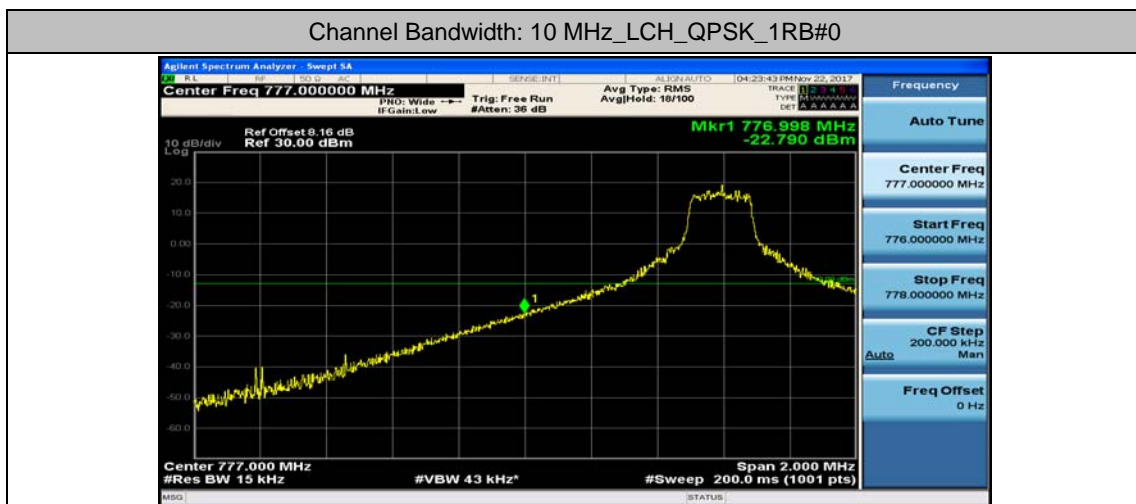
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13



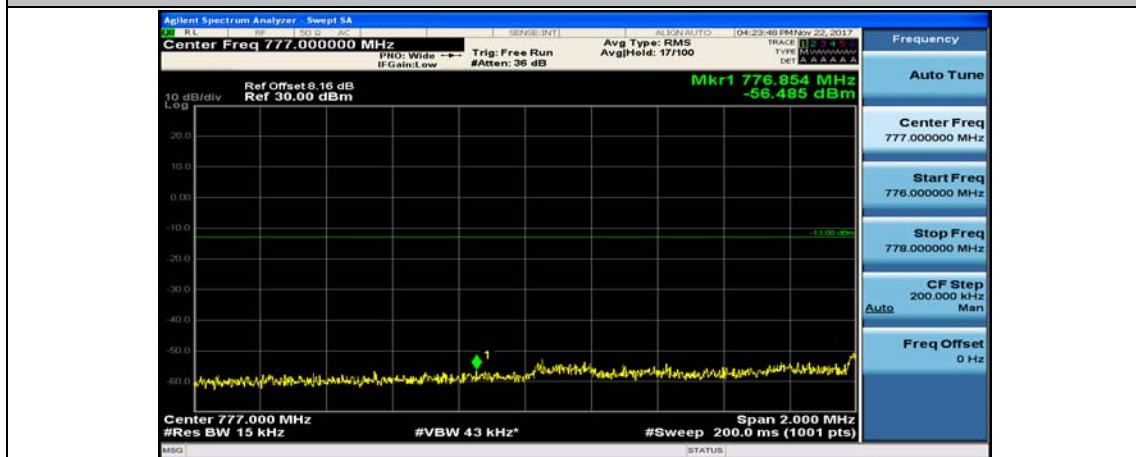
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



### Channel Bandwidth: 10 MHz



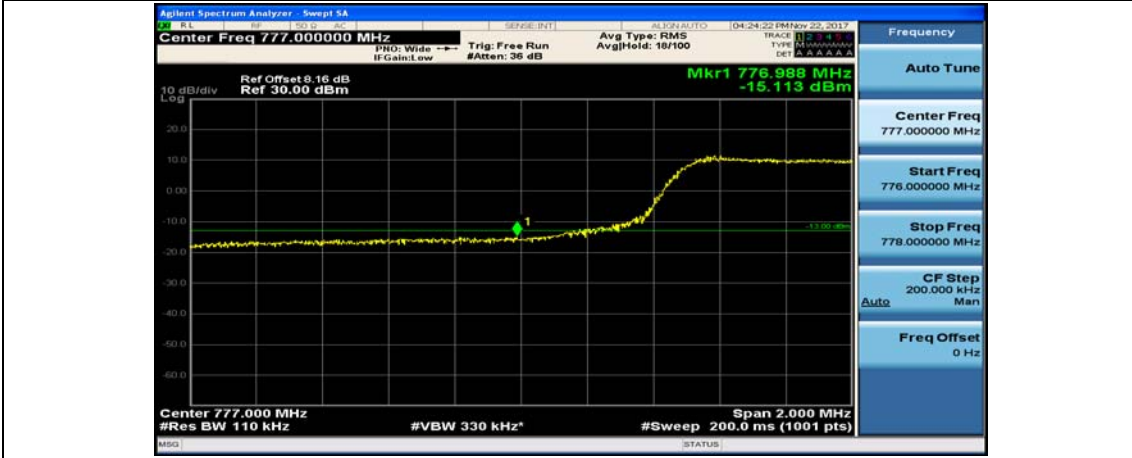
### Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#24



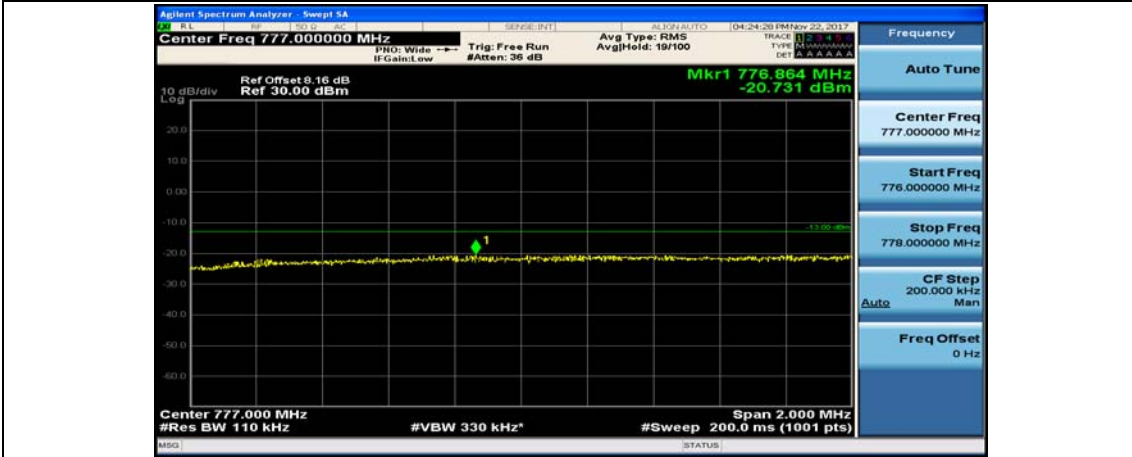
### Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#49



Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#0



Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#12

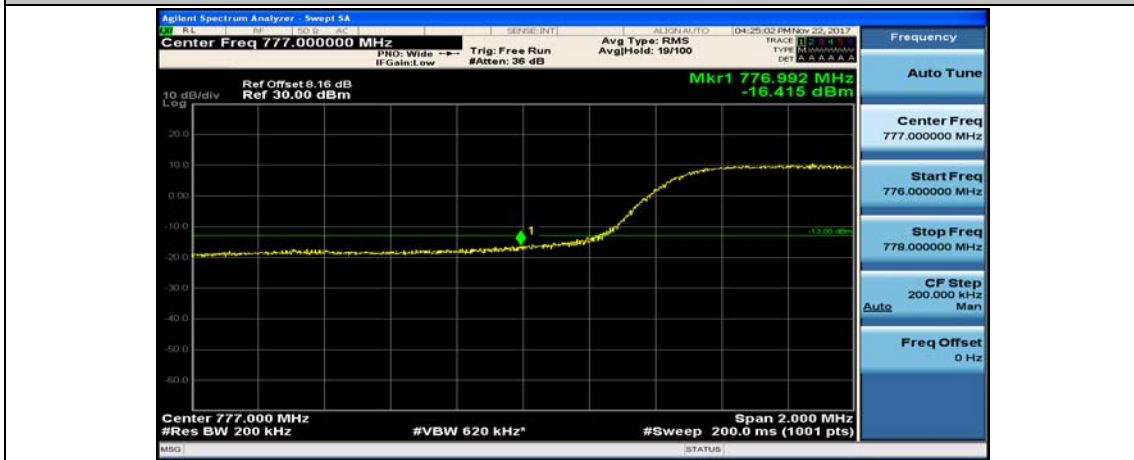


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#25





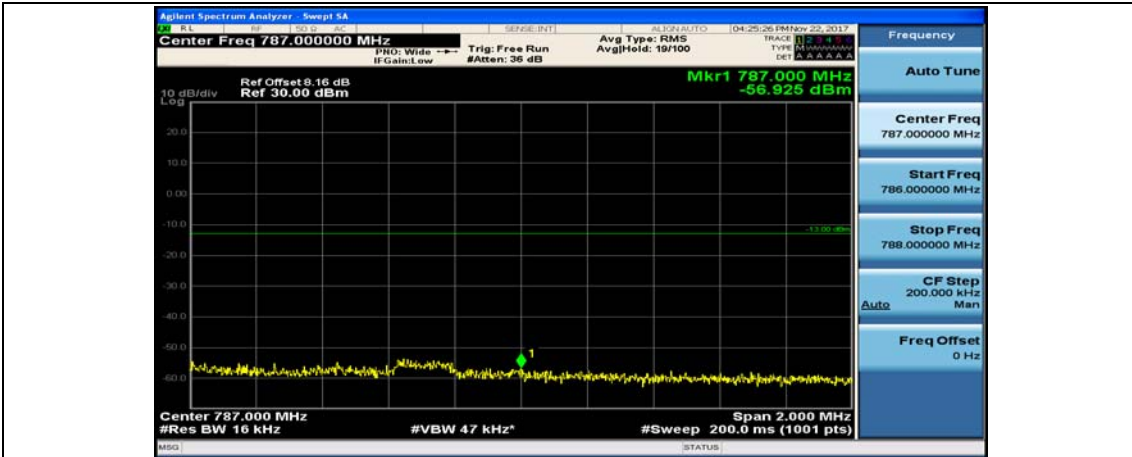
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



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



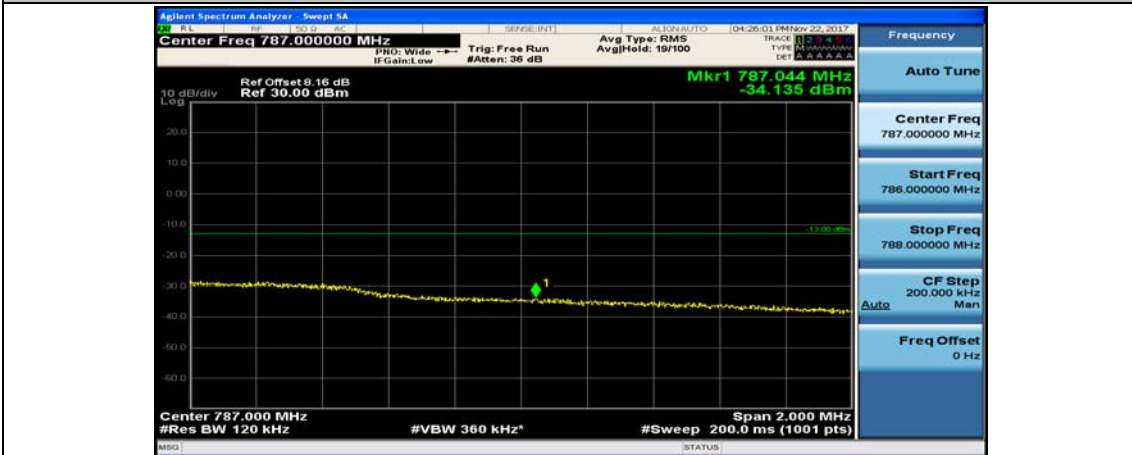
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24



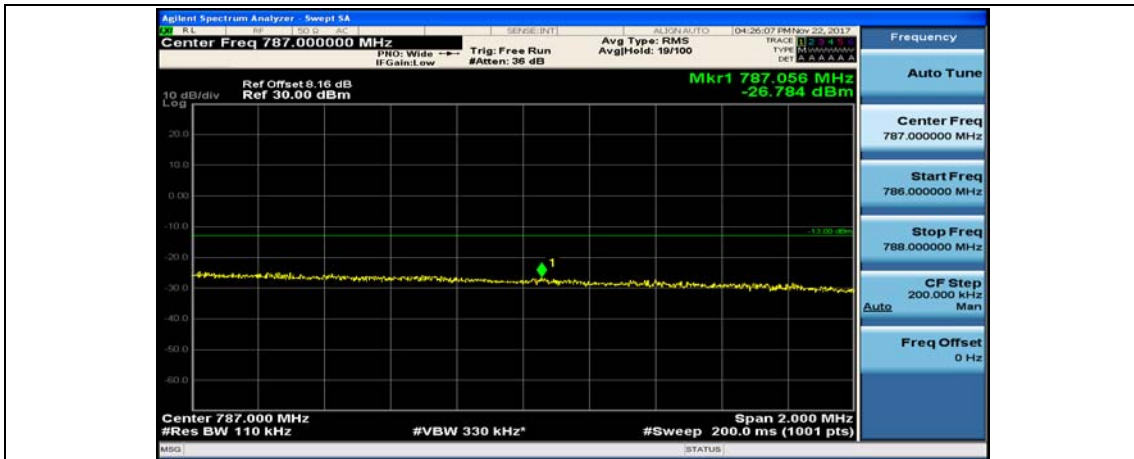
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#12



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#25



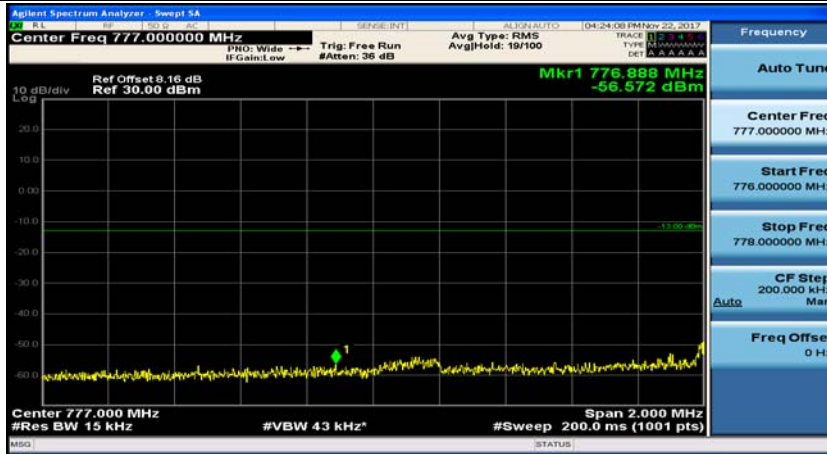
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0



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



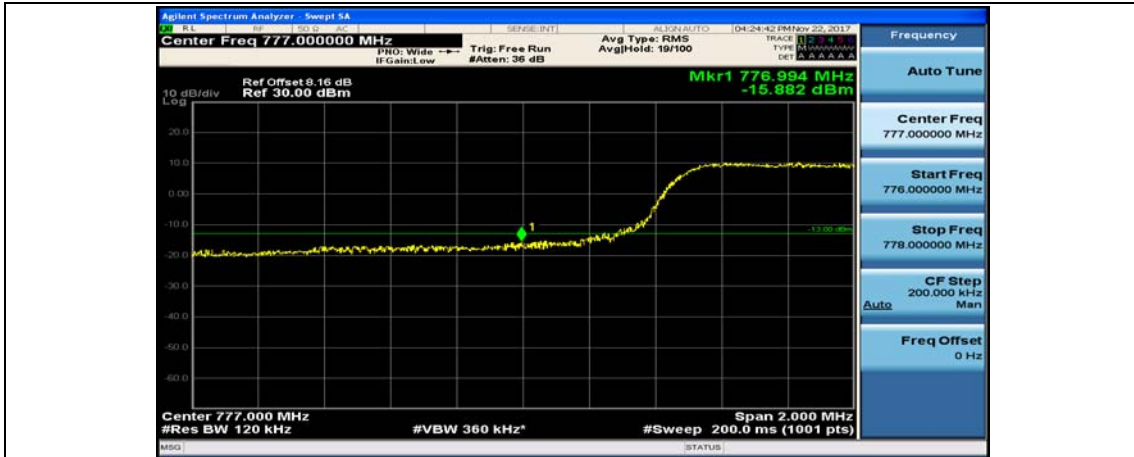
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24



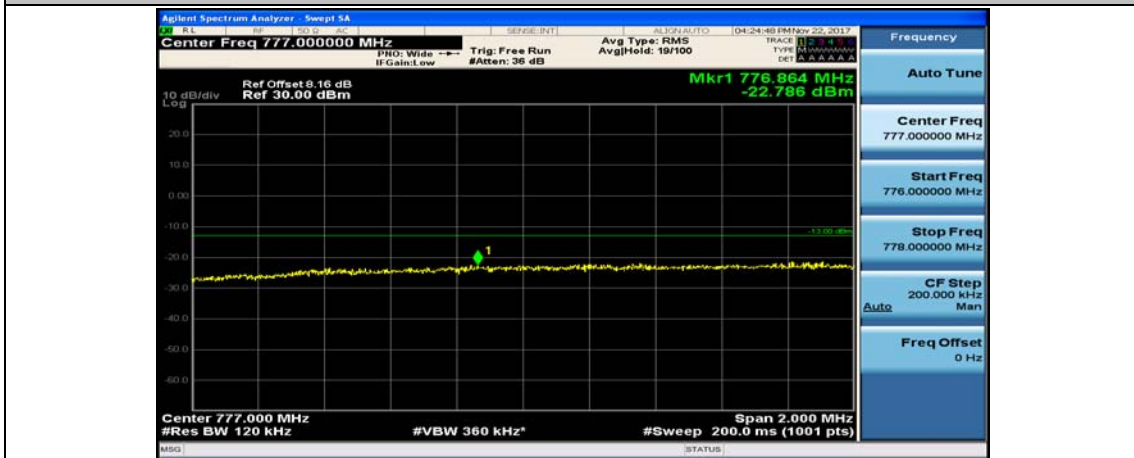
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49



Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#0



Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#25

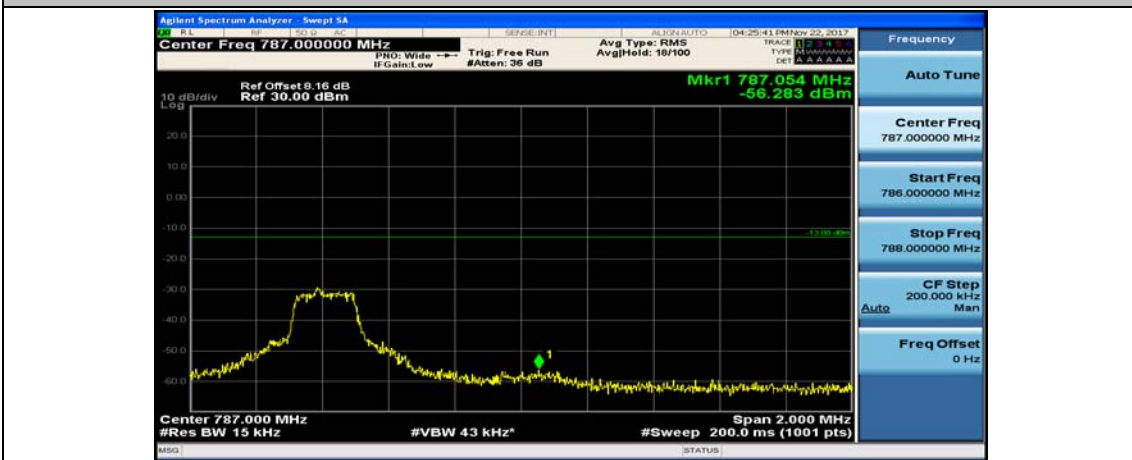


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0

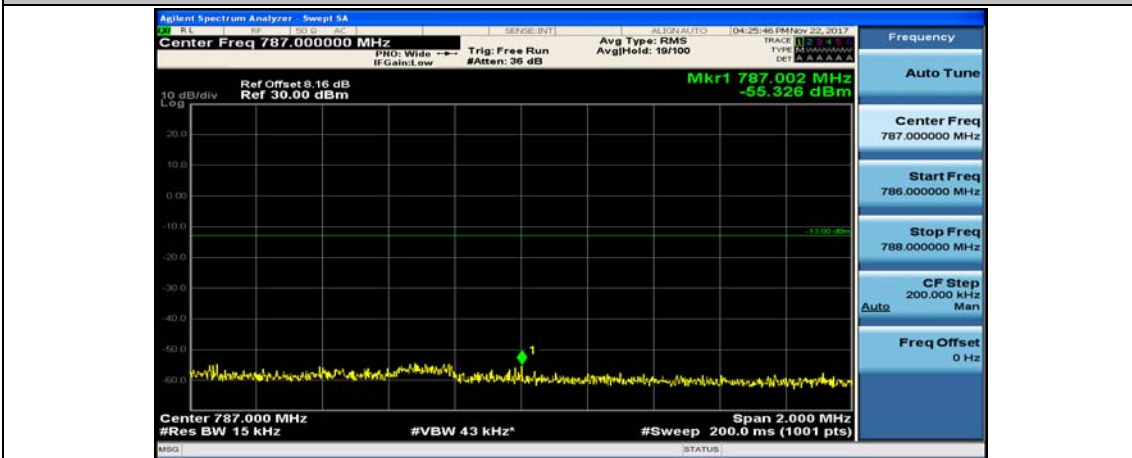




Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0

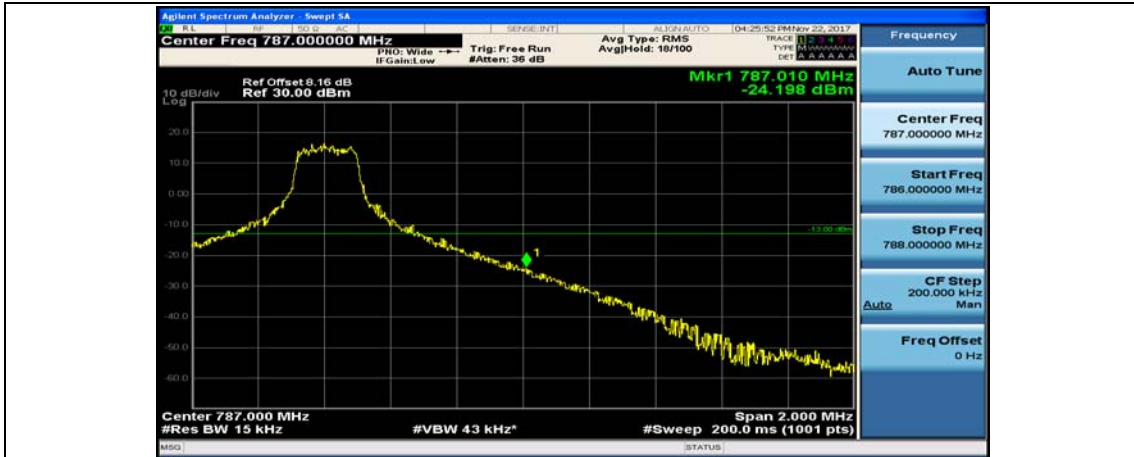


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24



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

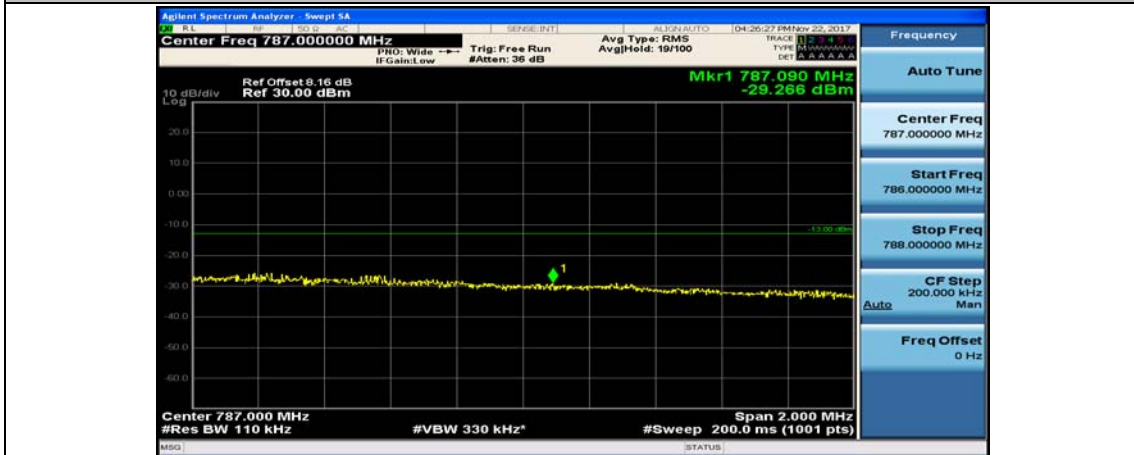




Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#25



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



## Appendix E: Conducted Spurious Emission

### Test Graphs

Channel Bandwidth: 5 MHz

