

## 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	22.75	PASS
		1	12	22.86	PASS
		1	24	22.74	PASS
		12	0	21.78	PASS
		12	6	21.77	PASS
		12	13	21.86	PASS
		25	0	21.79	PASS
	MCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	HCH	1	0	22.80	PASS
		1	12	22.74	PASS
		1	24	22.78	PASS
		12	0	21.76	PASS
		12	6	21.69	PASS
		12	13	21.65	PASS
		25	0	21.67	PASS
16QAM	LCH	1	0	22.07	PASS
		1	12	22.41	PASS
		1	24	22.16	PASS
		12	0	20.92	PASS
		12	6	20.95	PASS
		12	13	21.00	PASS
		25	0	20.81	PASS
	MCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/

		/	/	/	/
		/	/	/	/
	HCH	1	0	21.79	PASS
		1	12	21.65	PASS
		1	24	21.48	PASS
		12	0	20.77	PASS
		12	6	20.69	PASS
		12	13	20.65	PASS
		25	0	20.65	PASS

**Channel Bandwidth: 10 MHz**

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	22.92	PASS
		1	24	22.73	PASS
		1	49	22.68	PASS
		25	0	21.80	PASS
		25	12	21.81	PASS
		25	25	21.72	PASS
		50	0	21.78	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
16QAM	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	22.00	PASS

		1	24	22.02	PASS
		1	49	21.70	PASS
		25	0	20.82	PASS
		25	12	20.76	PASS
		25	25	20.66	PASS
		50	0	20.78	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	3.72	<13	PASS	
		1	12	4.84	<13	PASS	
		1	24	4.77	<13	PASS	
		12	0	5.06	<13	PASS	
		12	6	5.49	<13	PASS	
		12	13	5.67	<13	PASS	
		25	0	5.48	<13	PASS	
	MCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
	HCH	1	0	4.82	<13	PASS	
		1	12	3.93	<13	PASS	
		1	24	3.82	<13	PASS	
		12	0	5.1	<13	PASS	
		12	6	4.81	<13	PASS	
		12	13	4.58	<13	PASS	
		25	0	4.97	<13	PASS	
16QAM	LCH	1	0	4.55	<13	PASS	
		1	12	5.64	<13	PASS	
		1	24	5.6	<13	PASS	
		12	0	5.83	<13	PASS	
		12	6	6.1	<13	PASS	
		12	13	6.28	<13	PASS	
		25	0	6.28	<13	PASS	
	MCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/

		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	HCH	1	0	5.99	<13	PASS
		1	12	5.14	<13	PASS
		1	24	4.74	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.52	<13	PASS
		12	13	5.4	<13	PASS
		25	0	5.72	<13	PASS

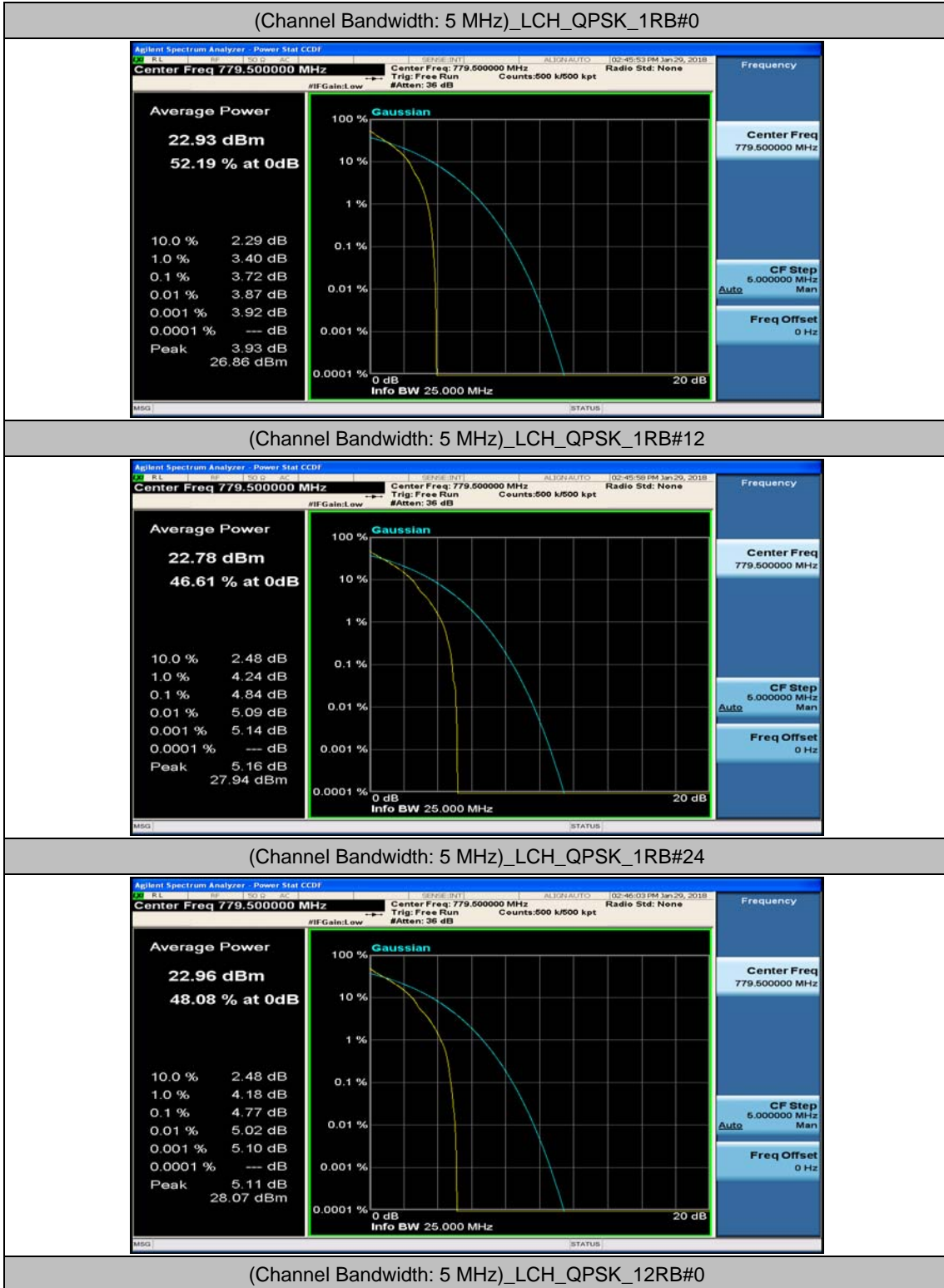
### Channel Bandwidth: 10 MHz

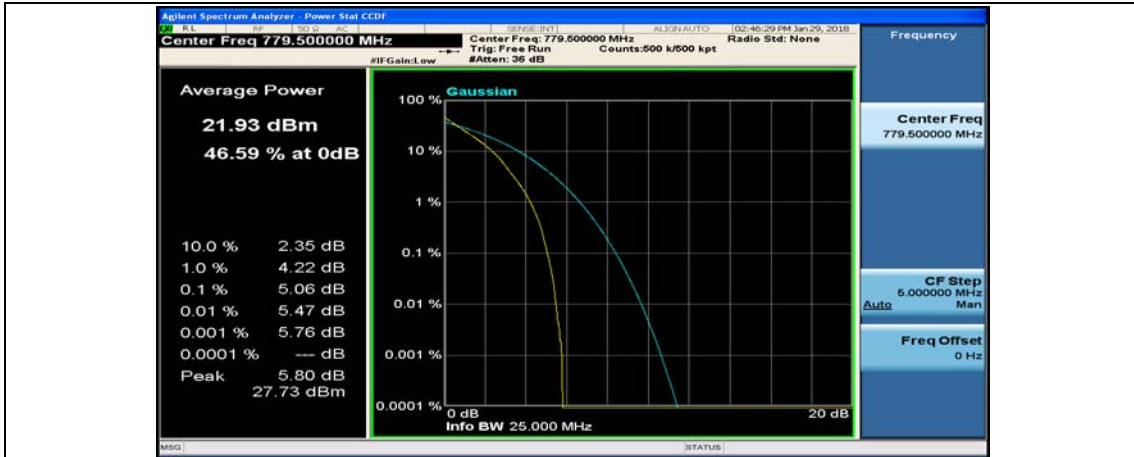
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	4.04	<13	PASS
		1	24	4.83	<13	PASS
		1	49	4.08	<13	PASS
		25	0	5.47	<13	PASS
		25	12	5.34	<13	PASS
		25	25	4.94	<13	PASS
		50	0	5.09	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
16QAM	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/

		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	4.9	<13	PASS
		1	24	5.7	<13	PASS
		1	49	4.74	<13	PASS
		25	0	6.27	<13	PASS
		25	12	6.21	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.89	<13	PASS
		HCH	/	/	/	/
	/		/	/	/	/
	/		/	/	/	/
	/		/	/	/	/
	/		/	/	/	/
	/		/	/	/	/
/	/		/	/	/	

## Test Graphs

### Channel Bandwidth: 5 MHz





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

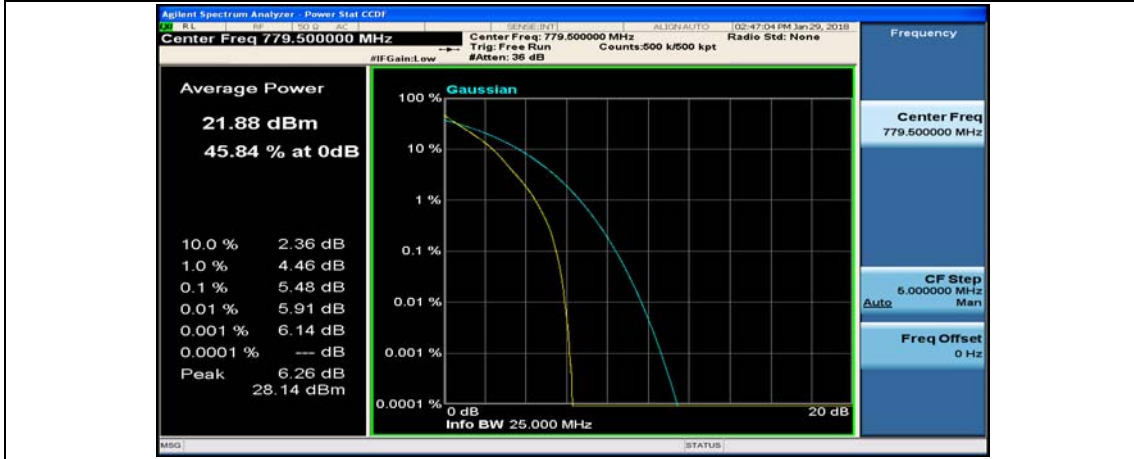


(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



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





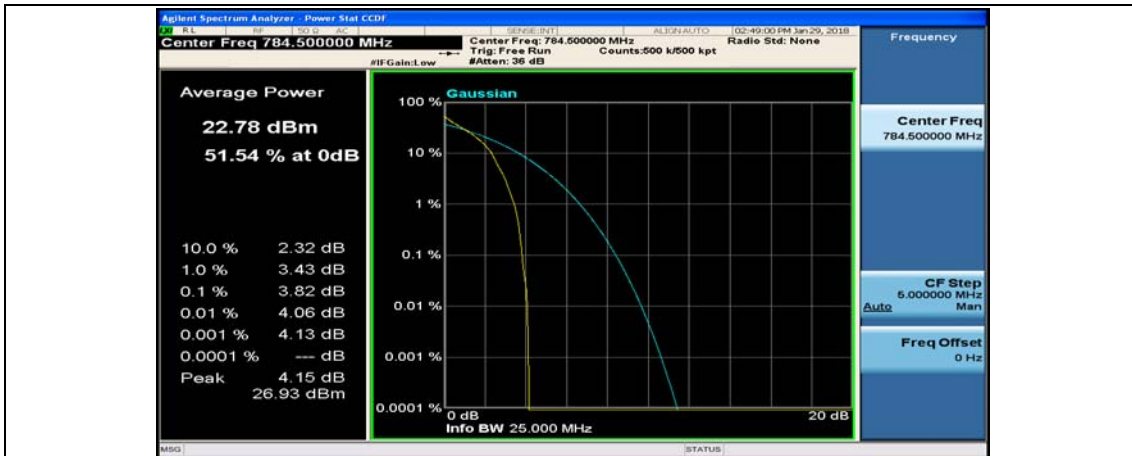
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



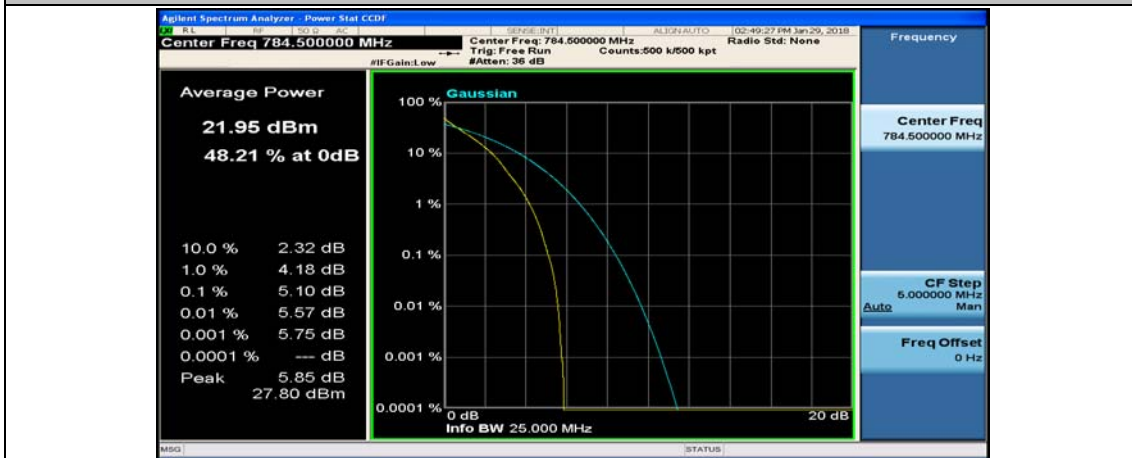
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



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



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



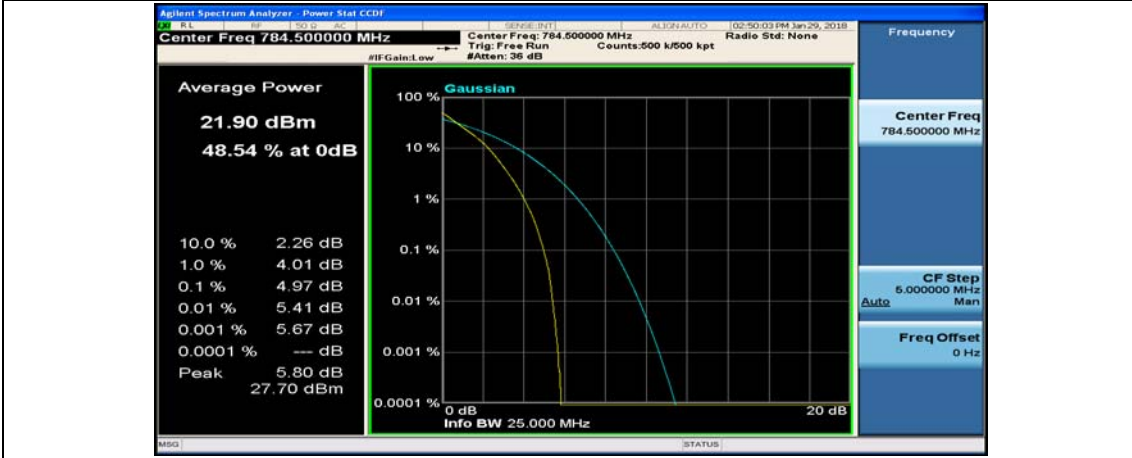
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



(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



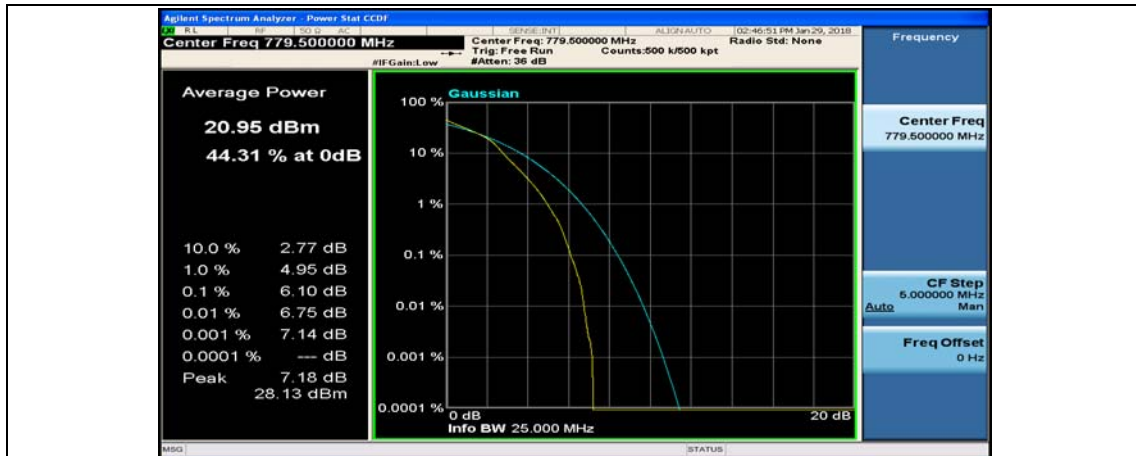
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



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



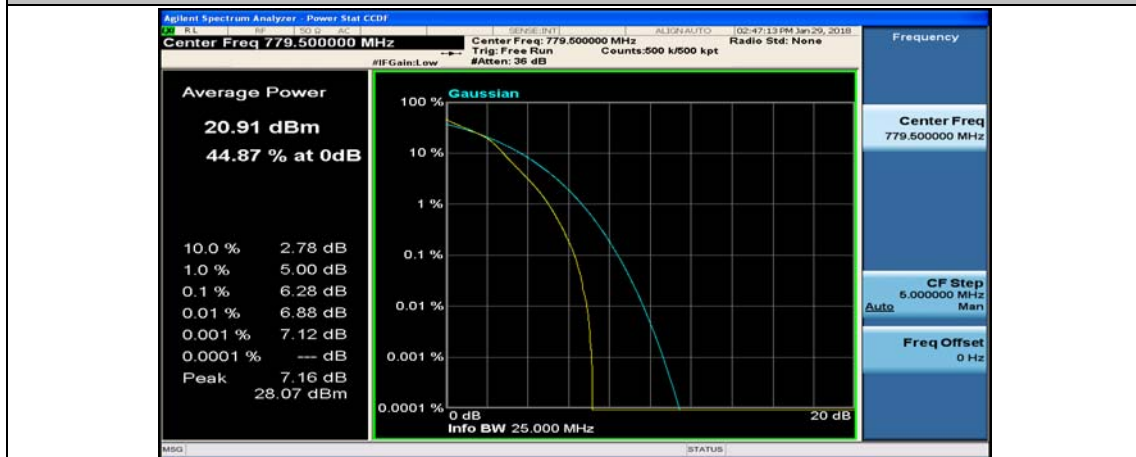
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



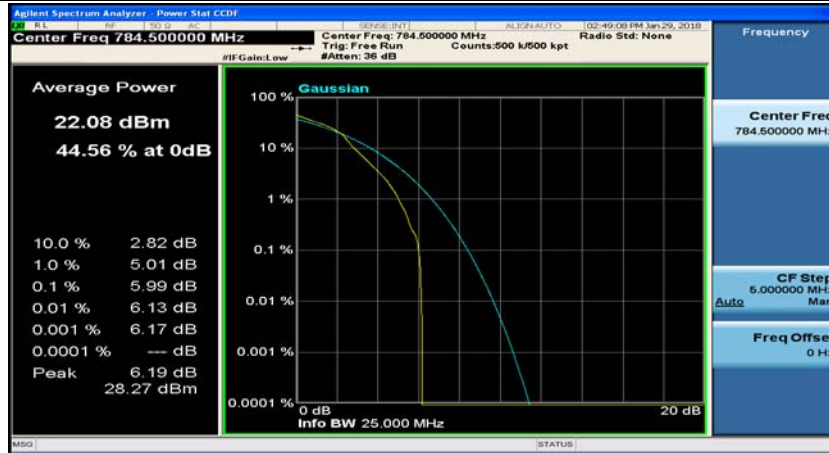
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



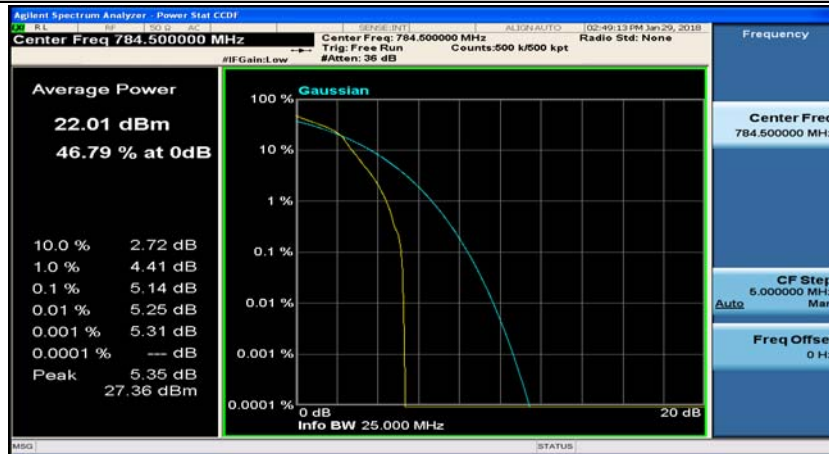
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



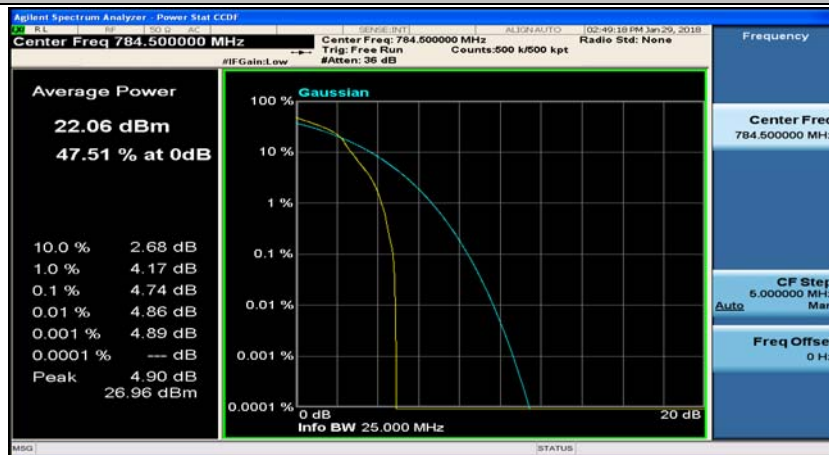
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



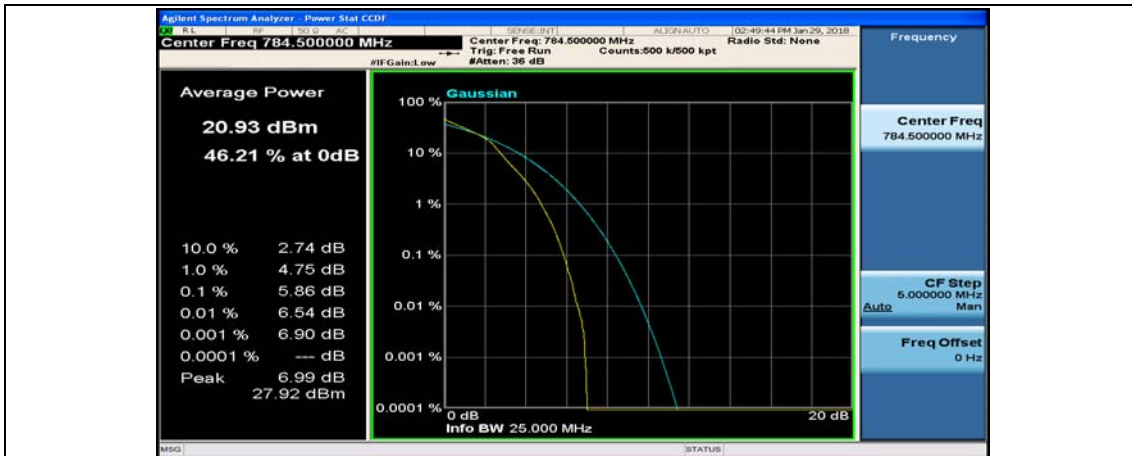
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



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



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



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



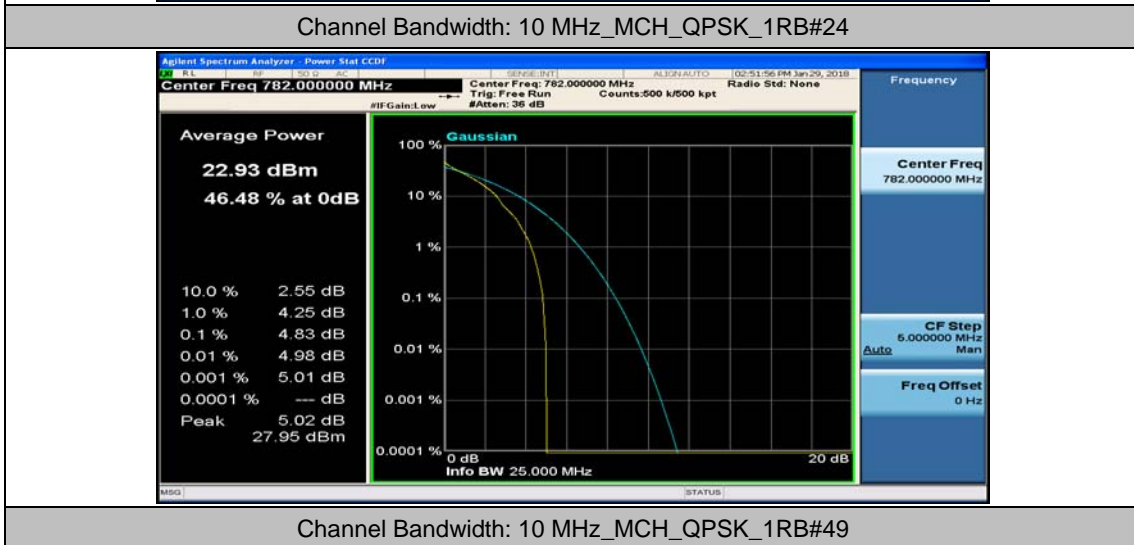
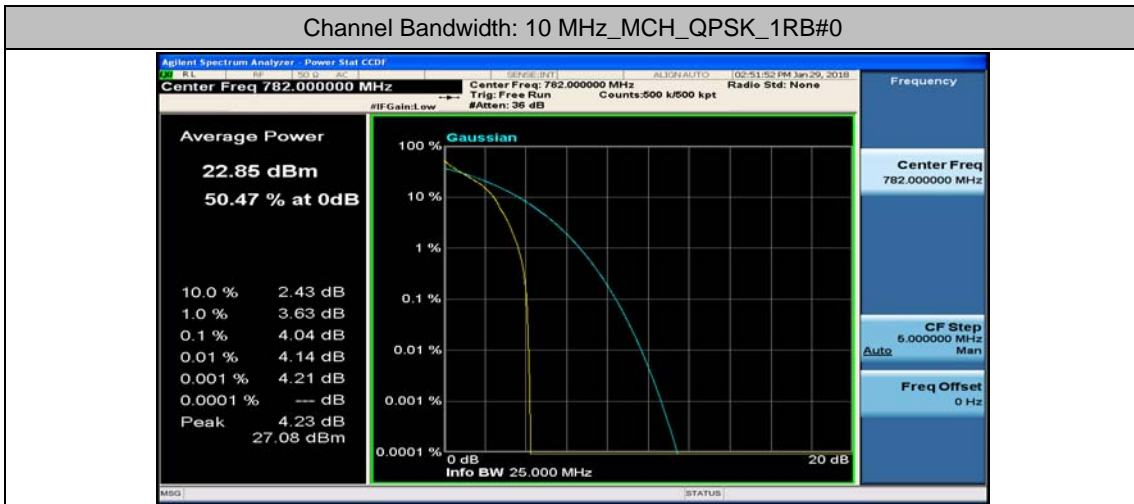
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13



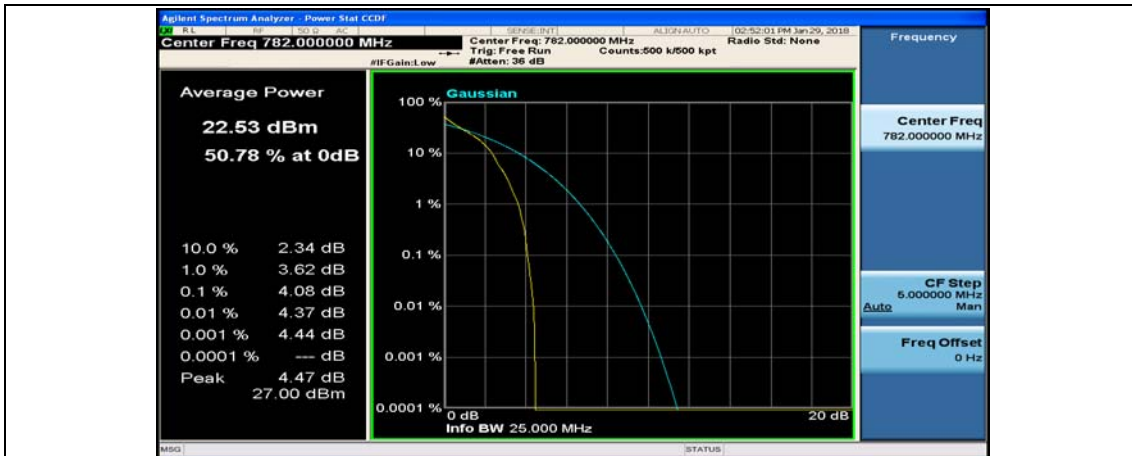
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

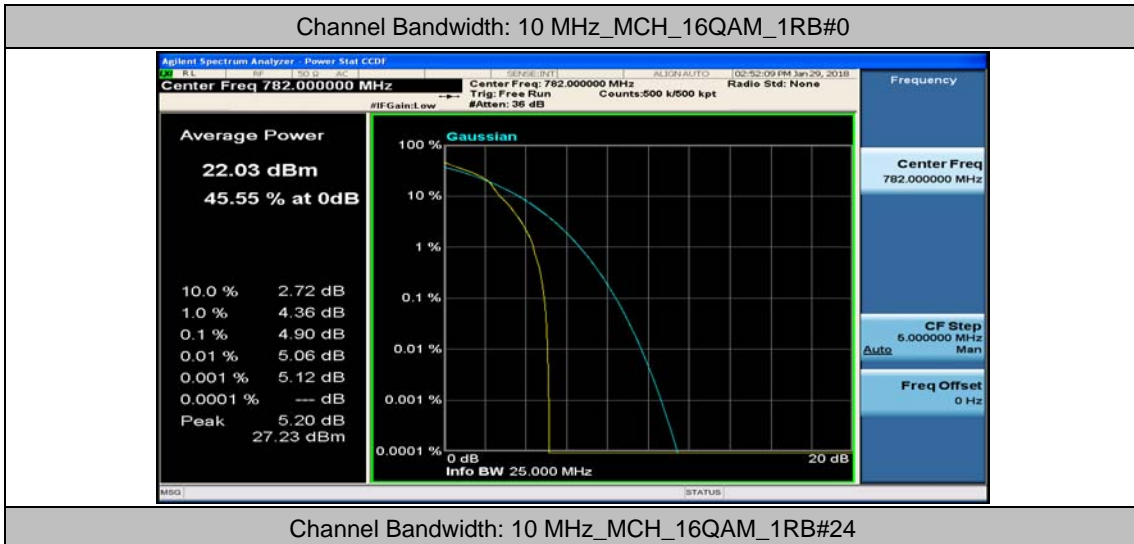
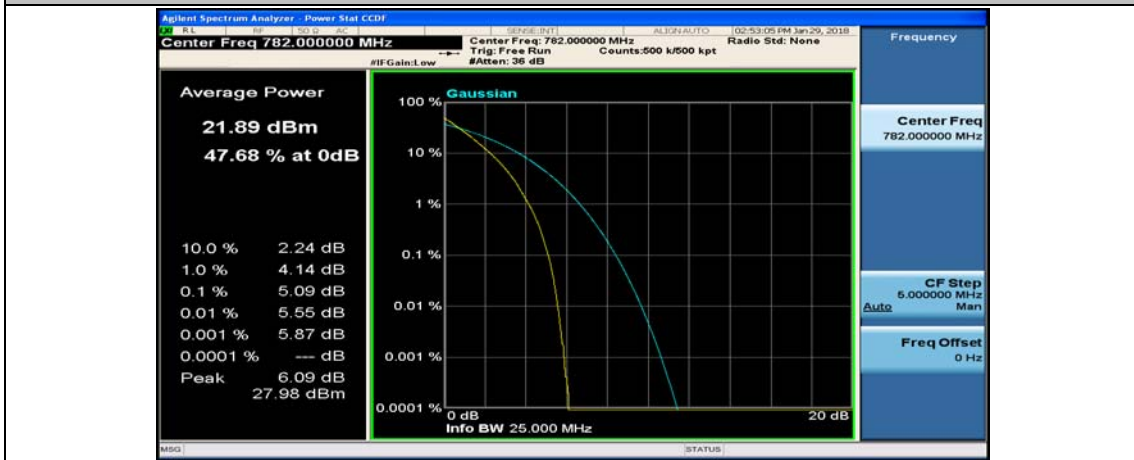


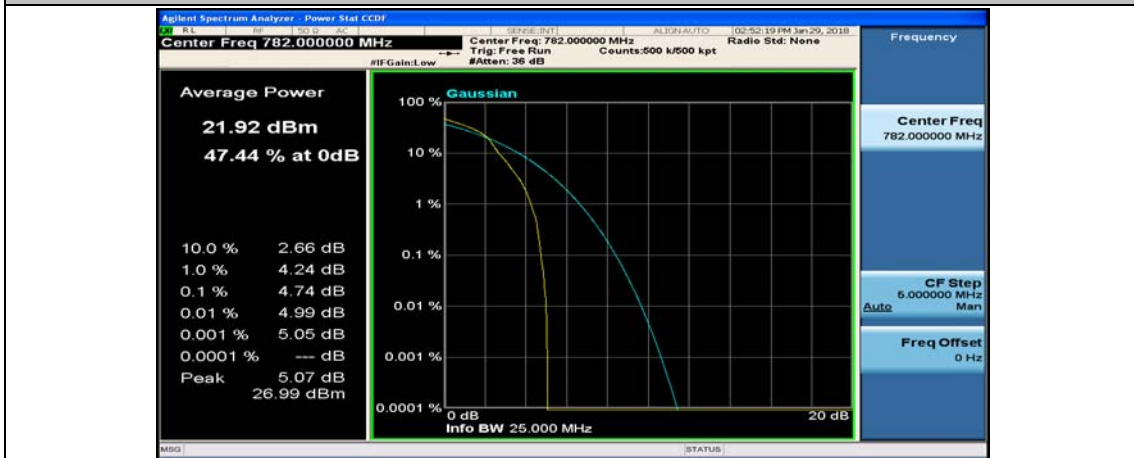
Channel Bandwidth: 10 MHz

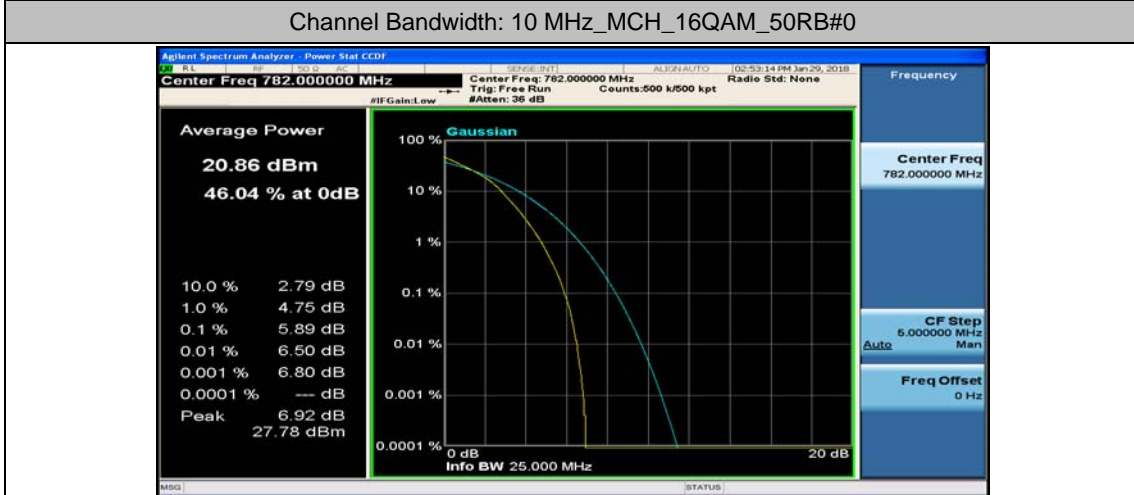
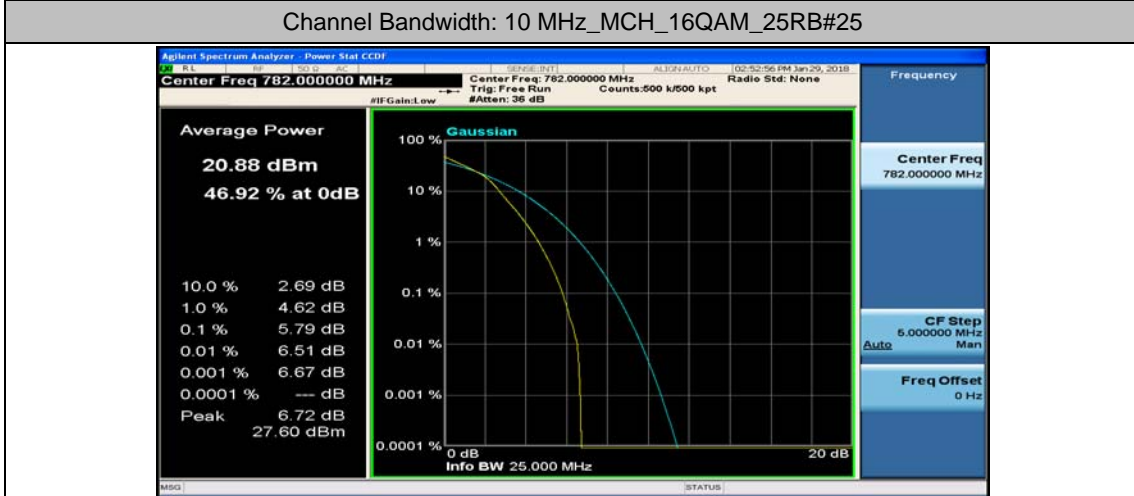












## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 5 MHz

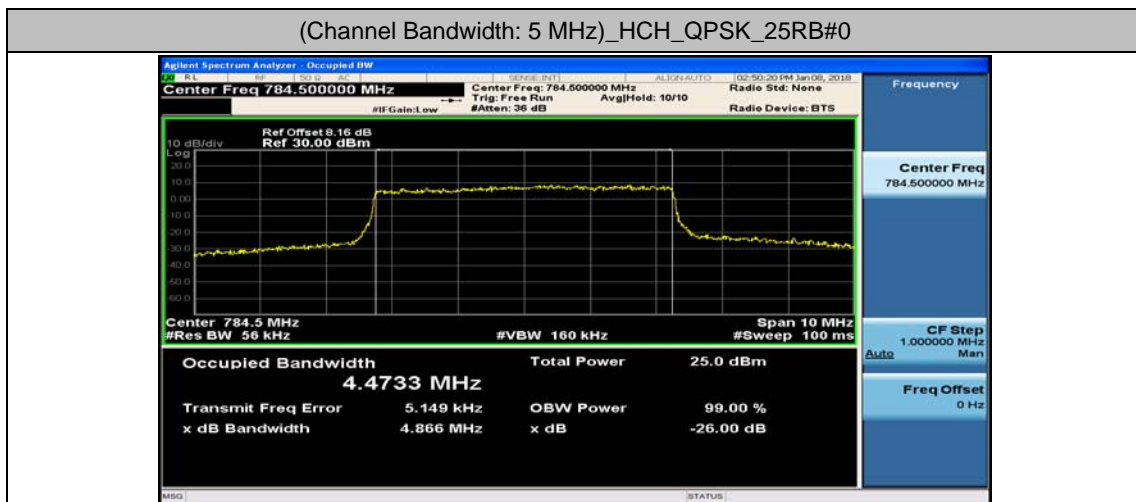
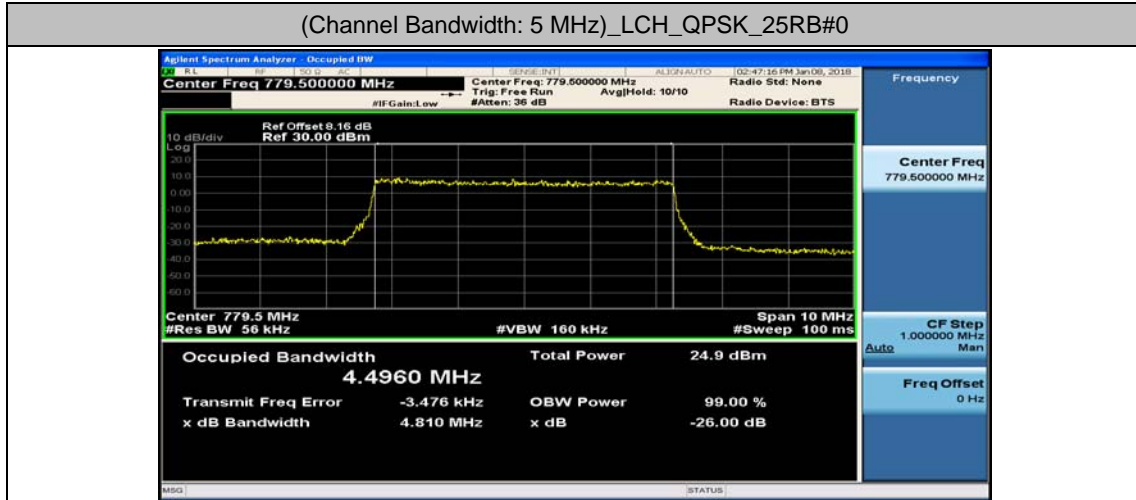
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4960	4.810	PASS
	/	/	/	/	/	/
	HCH	25	0	4.4733	4.866	PASS
16QAM	LCH	25	0	4.4901	4.809	PASS
	/	/	/	/	/	/
	HCH	25	0	4.4683	4.826	PASS

#### Channel Bandwidth: 10 MHz

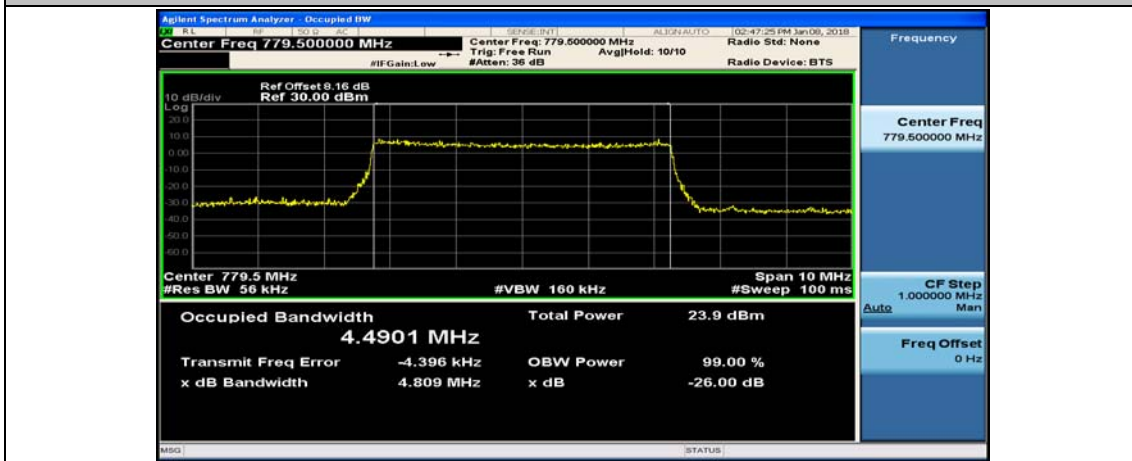
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
	MCH	50	0	8.9623	9.521	PASS
	HCH	/	/	/	/	/
16QAM	LCH	/	/	/	/	/
	MCH	50	0	8.9602	9.420	PASS
	HCH	/	/	/	/	/

## Test Graphs

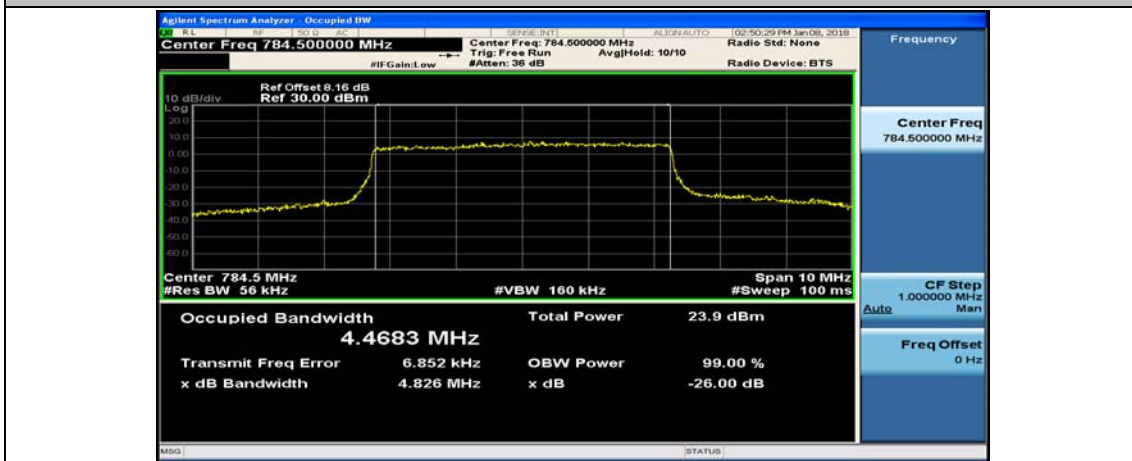
### Channel Bandwidth: 5 MHz



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

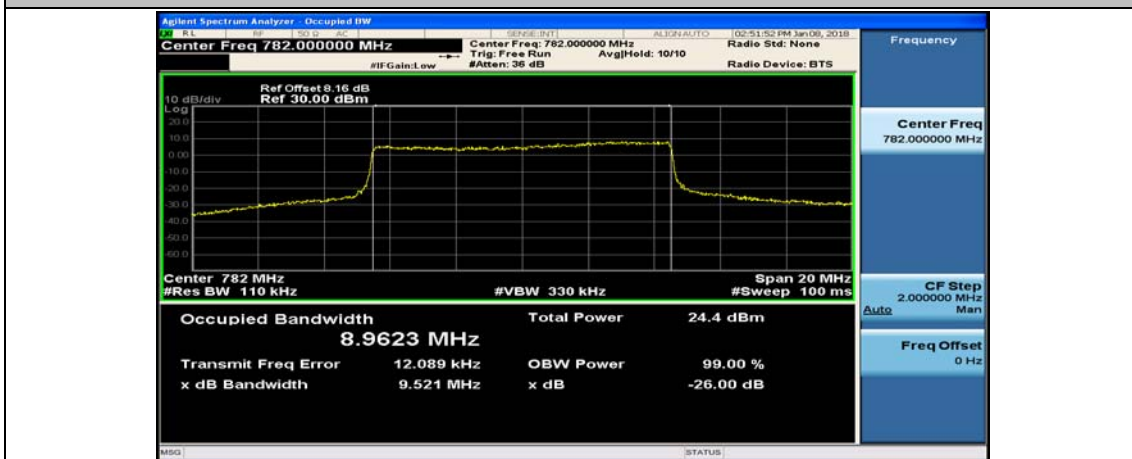


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

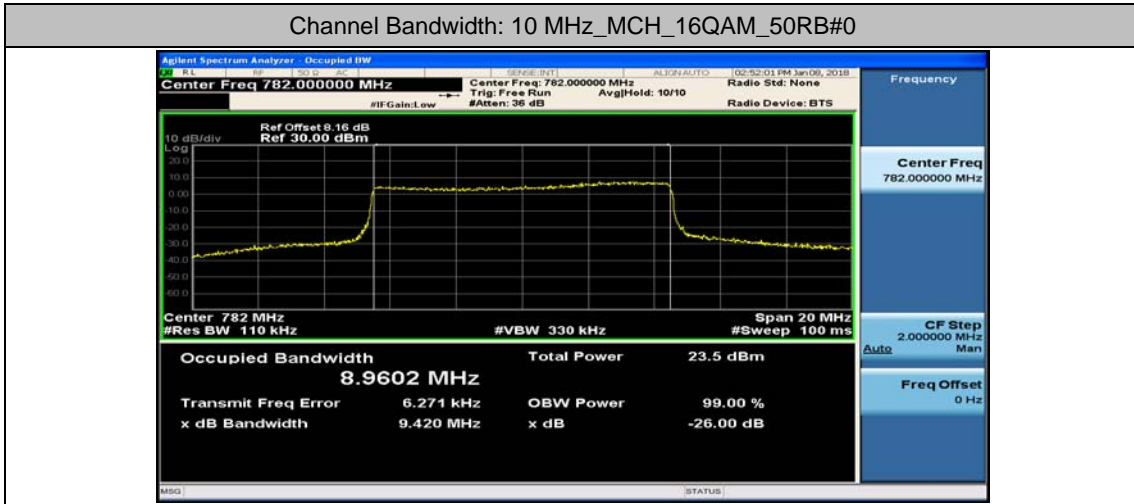


### Channel Bandwidth: 10 MHz

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



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



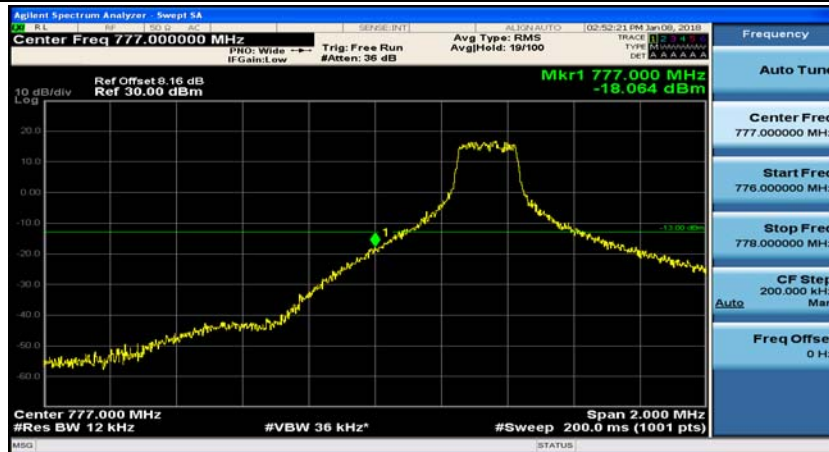


## Appendix D: Band Edge

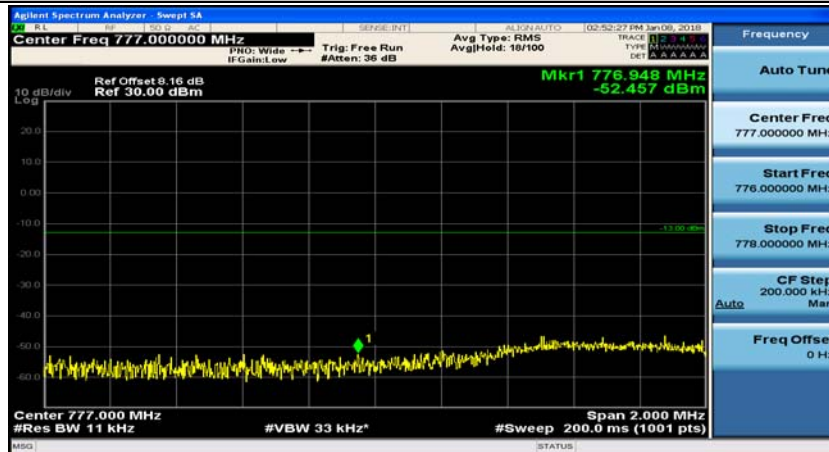
### Test Graphs

#### Channel Bandwidth: 5 MHz

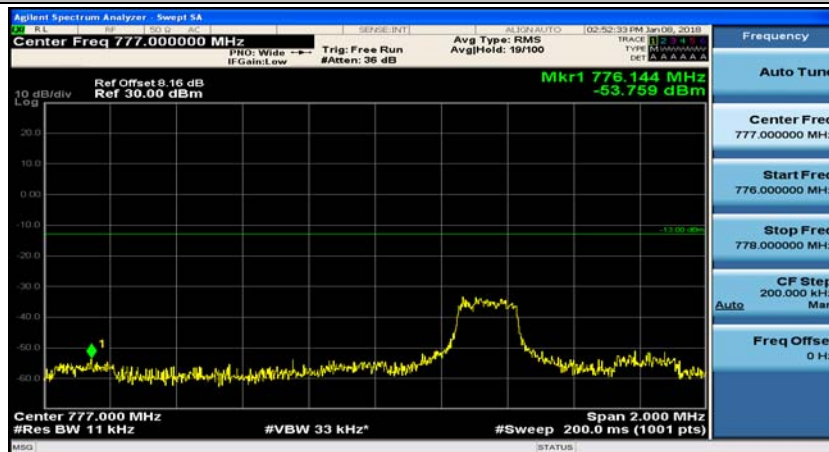
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



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



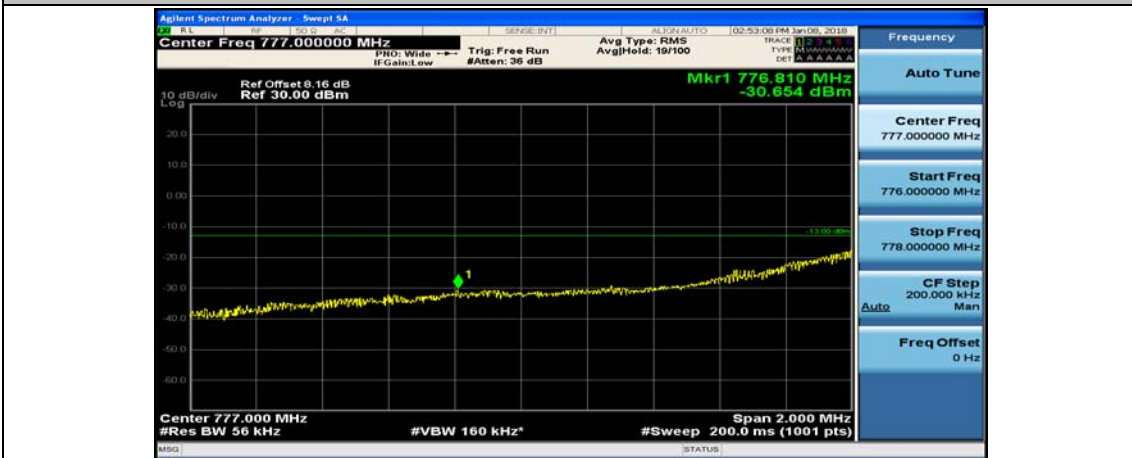
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#24



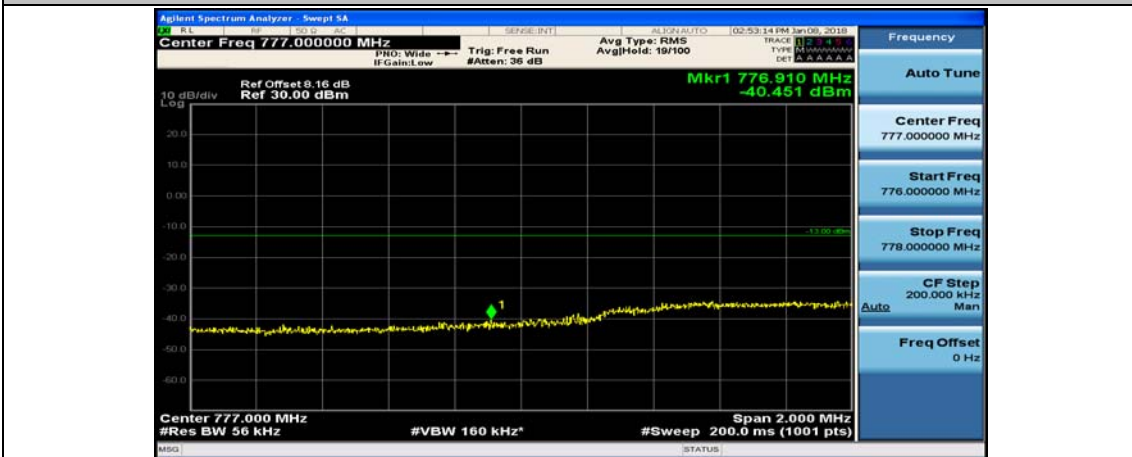
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#0



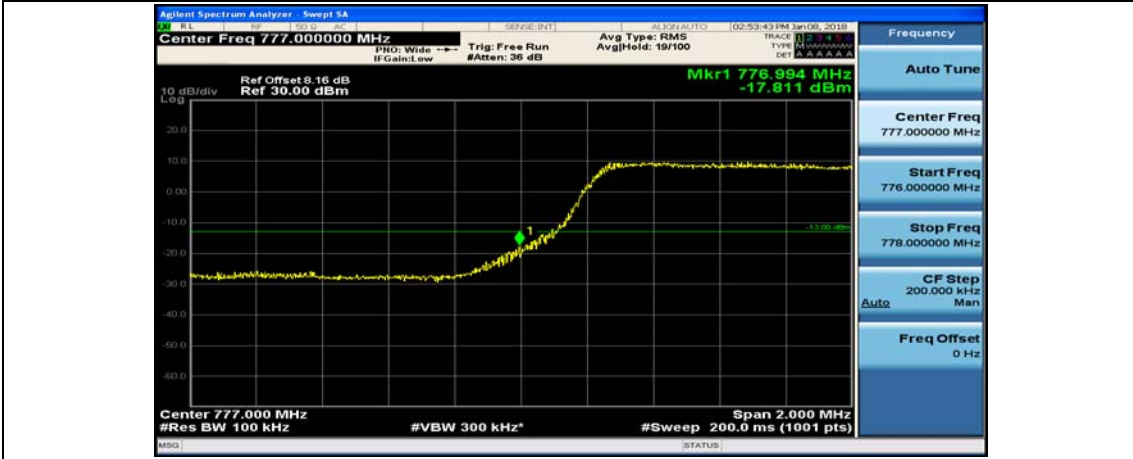
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



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



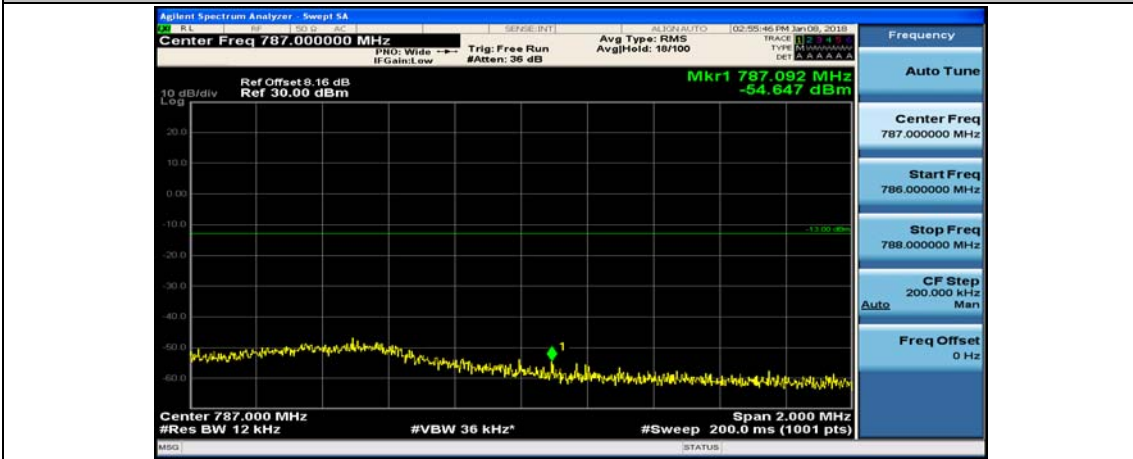
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



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



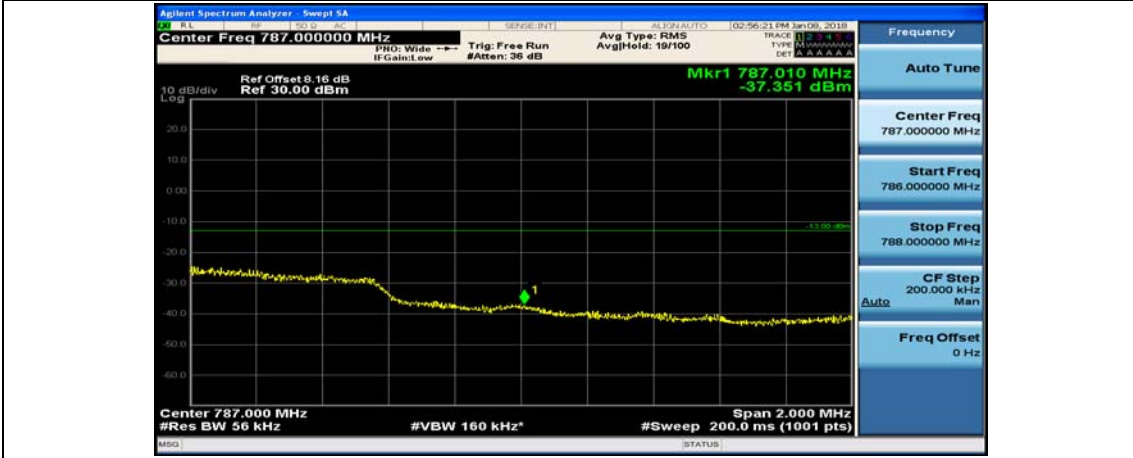
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



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



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



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



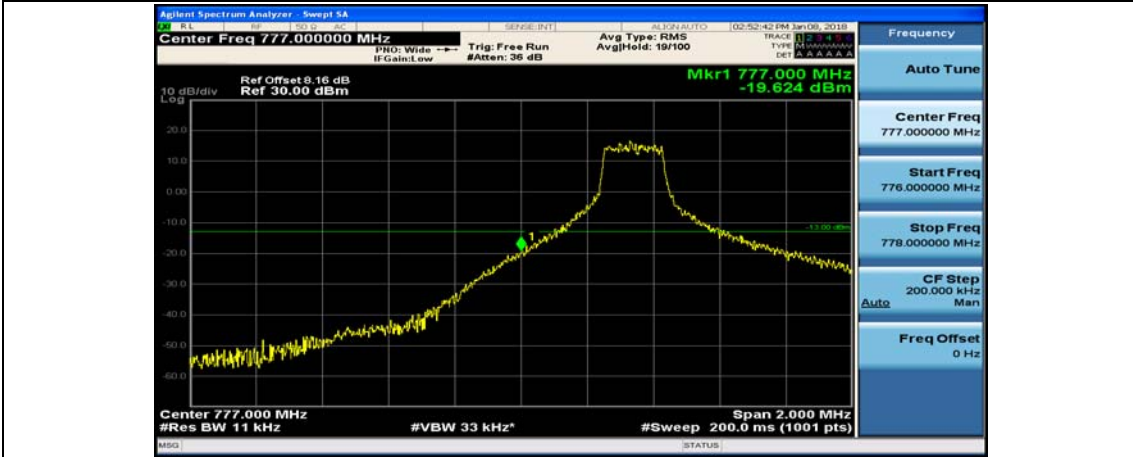
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



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



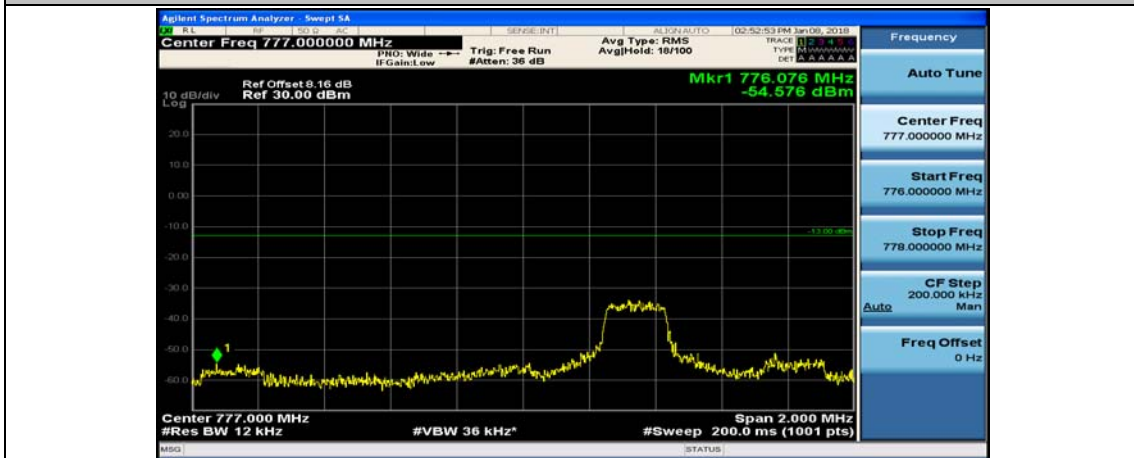
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



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



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



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



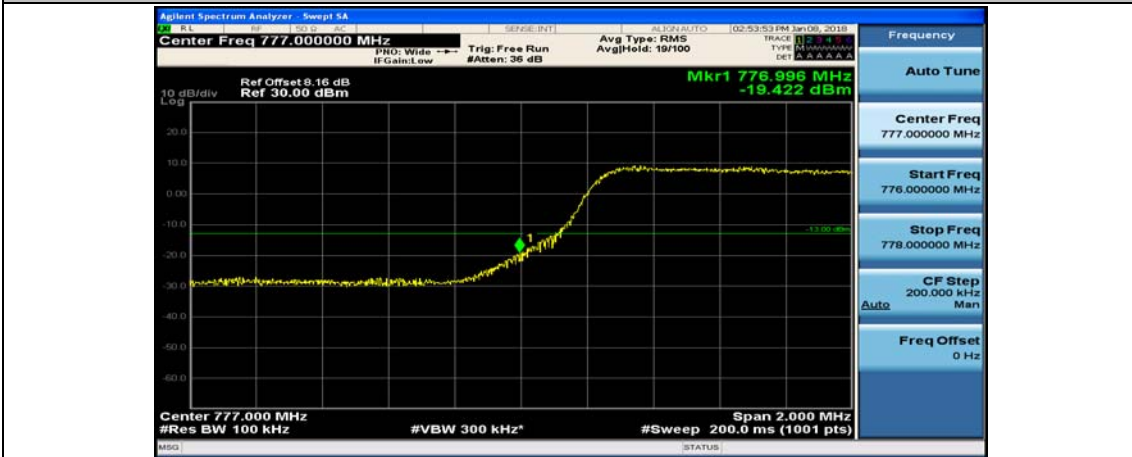
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



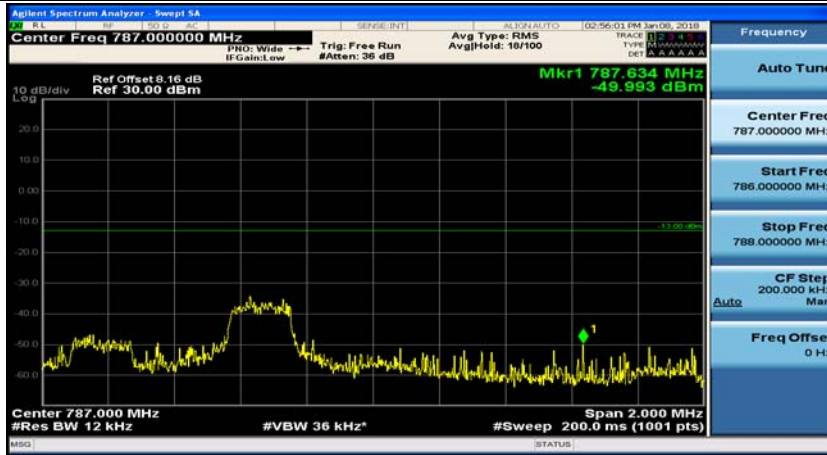
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



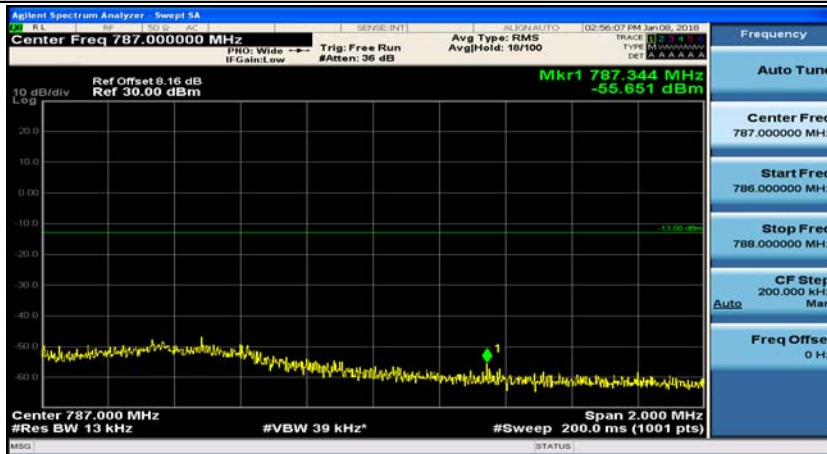
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



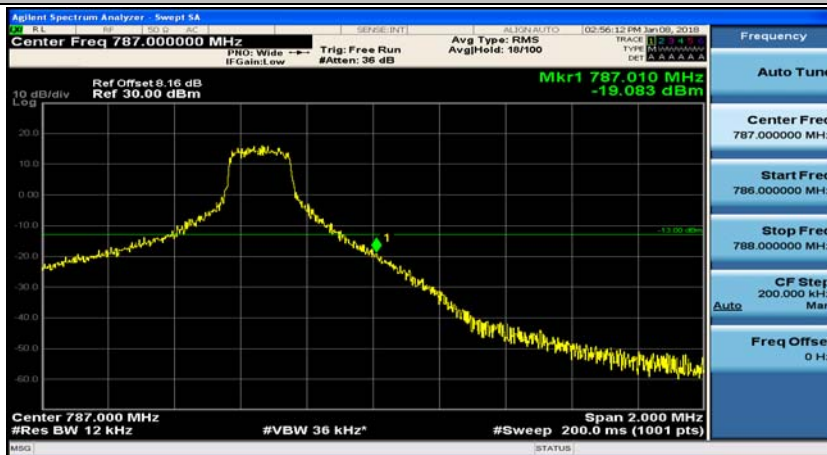
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



(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



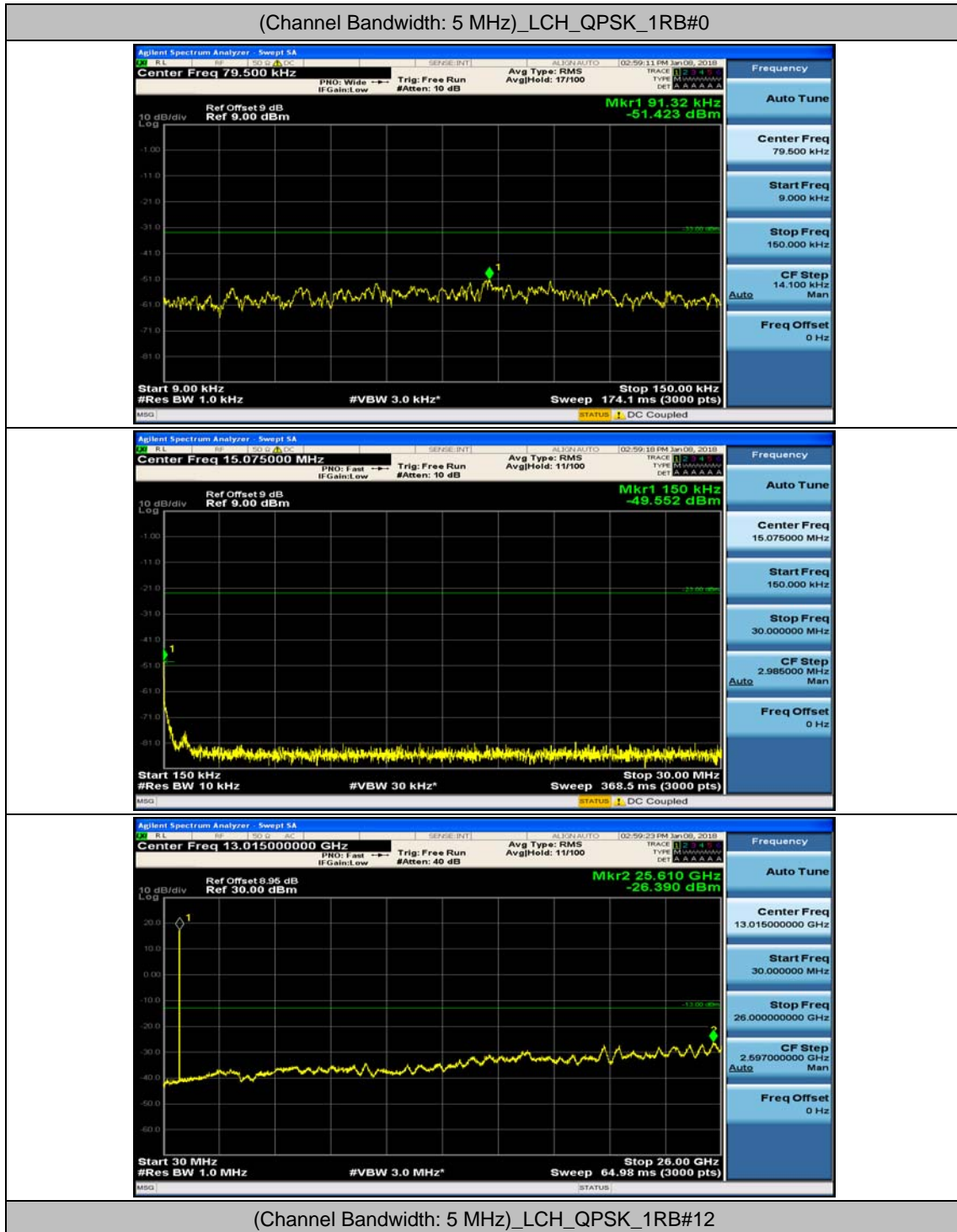
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

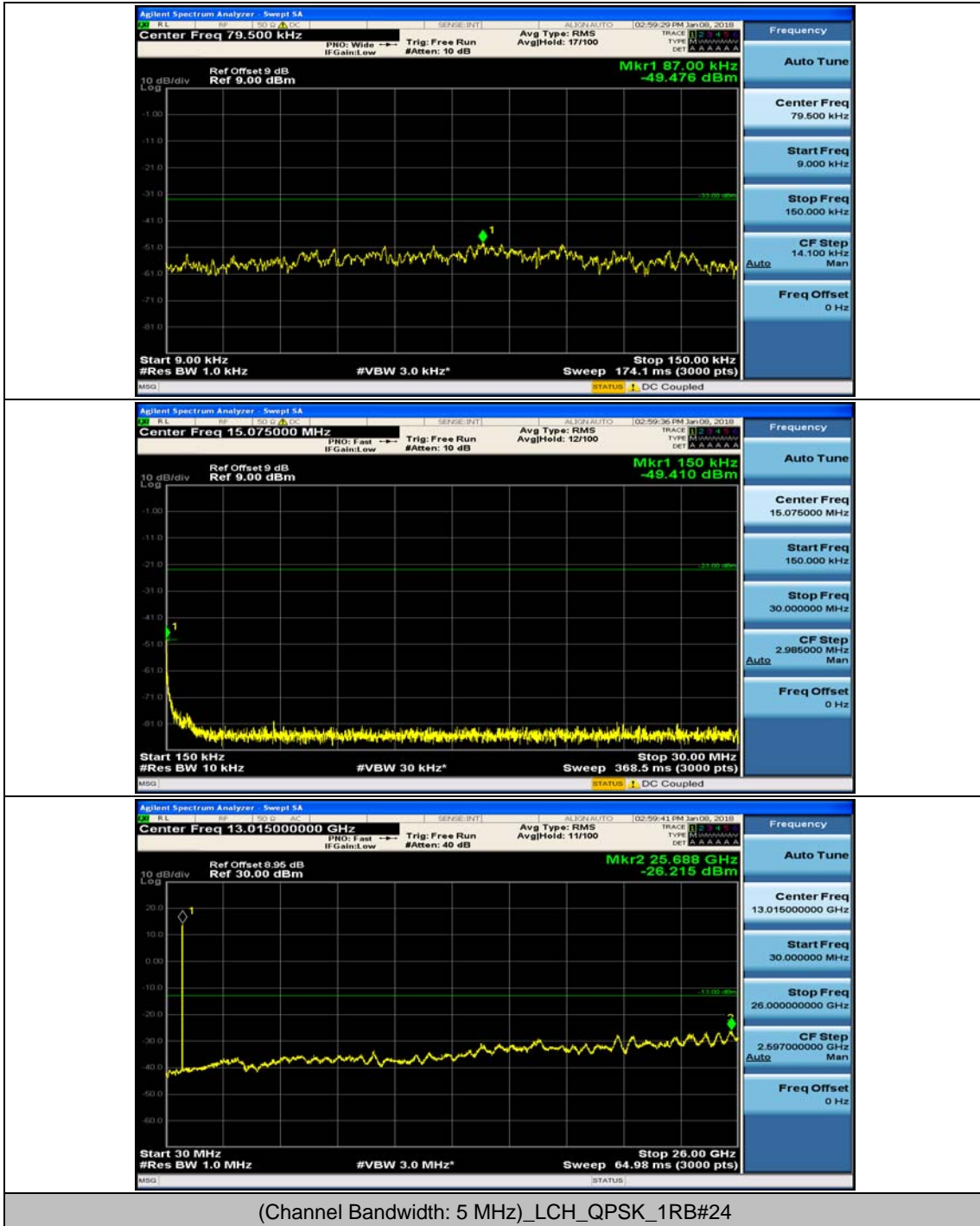


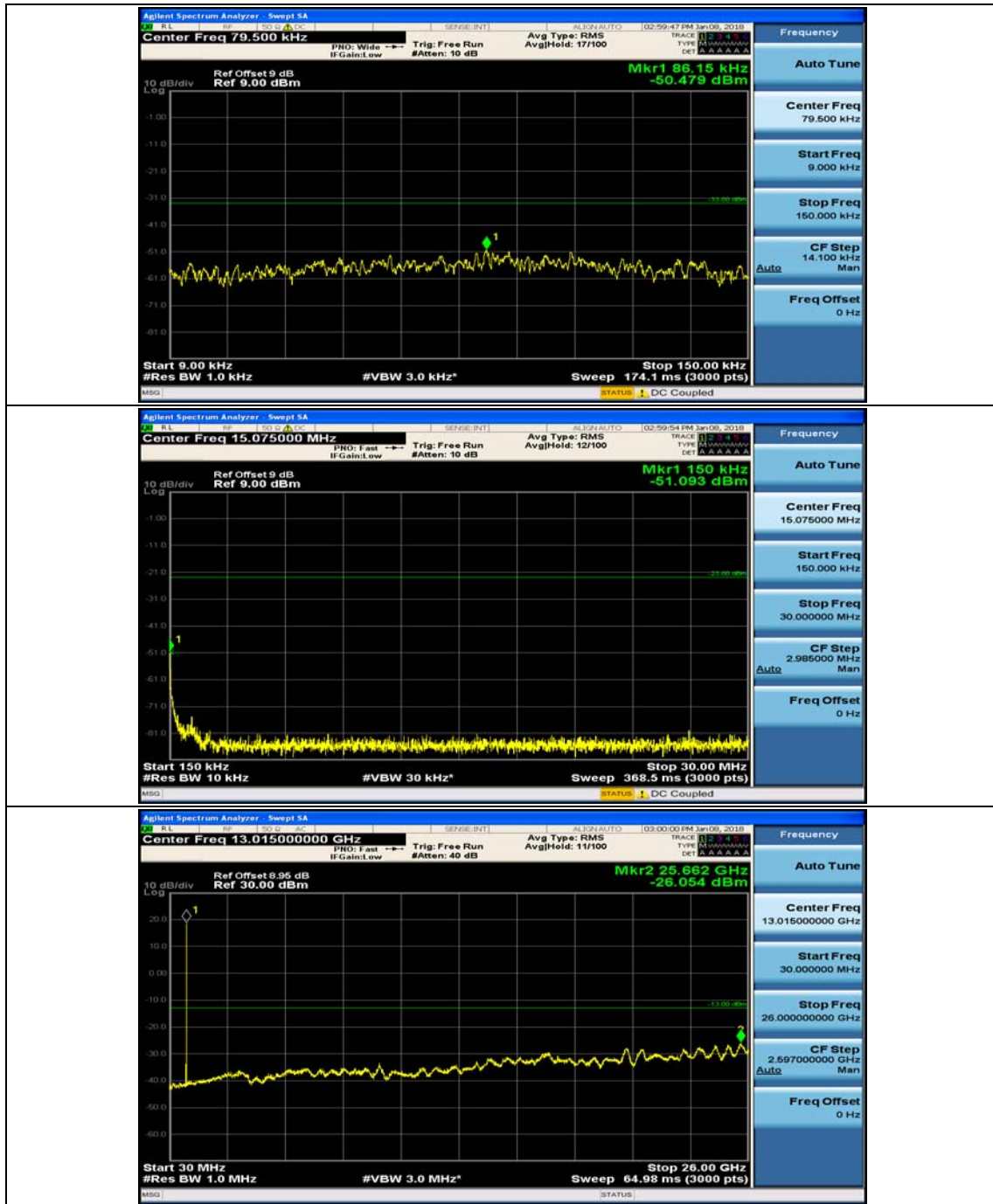
## Appendix E: Conducted Spurious Emission

### Test Graphs

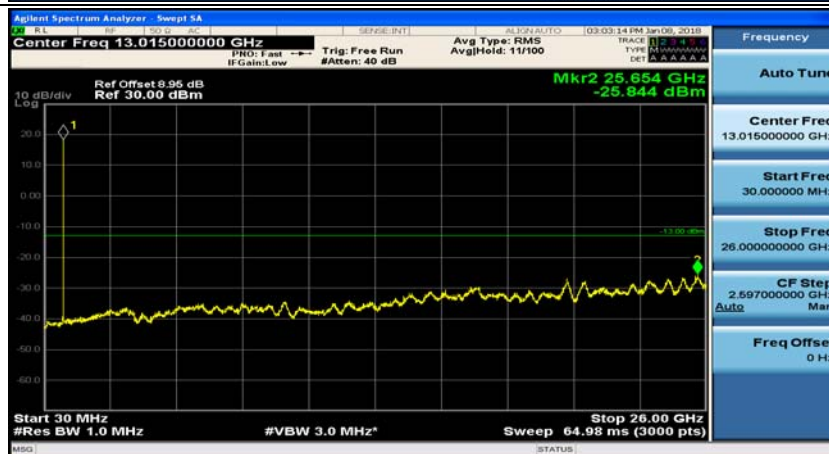
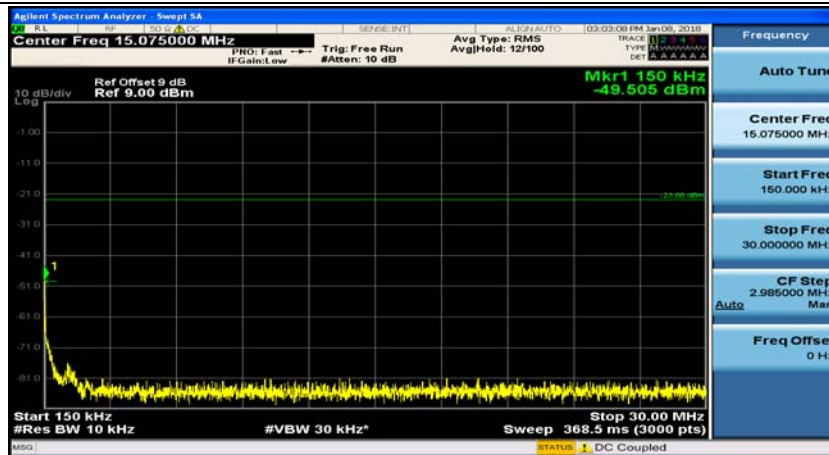
Channel Bandwidth: 5 MHz







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



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

