

## 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	22.66	PASS
		1	12	20.38	PASS
		1	24	20.23	PASS
		12	0	21.11	PASS
		12	6	20.41	PASS
		12	13	20.29	PASS
		25	0	20.81	PASS
	MCH	1	0	20.39	PASS
		1	12	20.63	PASS
		1	24	20.46	PASS
		12	0	20.15	PASS
		12	6	20.66	PASS
		12	13	20.75	PASS
		25	0	20.37	PASS
	HCH	1	0	20.71	PASS
		1	12	20.55	PASS
		1	24	22.64	PASS
		12	0	20.25	PASS
		12	6	20.13	PASS
		12	13	21.89	PASS
		25	0	21.71	PASS
16QAM	LCH	1	0	22.38	PASS
		1	12	21.61	PASS
		1	24	21.64	PASS
		12	0	21.31	PASS
		12	6	21.63	PASS
		12	13	21.53	PASS
		25	0	20.99	PASS
	MCH	1	0	20.65	PASS
		1	12	21.02	PASS
		1	24	21.78	PASS
		12	0	20.35	PASS
		12	6	20.89	PASS
		12	13	21.38	PASS

	HCH	25	0	20.17	PASS
		1	0	20.26	PASS
		1	12	20.26	PASS
		1	24	21.80	PASS
		12	0	21.31	PASS
		12	6	21.17	PASS
		12	13	21.91	PASS
		25	0	21.74	PASS

**Channel Bandwidth: 10 MHz**

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	23.05	PASS
		1	24	21.65	PASS
		1	49	22.48	PASS
		25	0	20.41	PASS
		25	12	21.00	PASS
		25	25	21.94	PASS
		50	0	21.42	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
16QAM	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	22.09	PASS
		1	24	20.99	PASS

		1	49	21.94	PASS
		25	0	20.59	PASS
		25	12	21.11	PASS
		25	25	21.48	PASS
		50	0	21.49	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	3.5	<13	PASS
		1	12	5.42	<13	PASS
		1	24	5.67	<13	PASS
		12	0	5.51	<13	PASS
		12	6	5.91	<13	PASS
		12	13	6.03	<13	PASS
		25	0	6.05	<13	PASS
	MCH	1	0	5.63	<13	PASS
		1	12	6.1	<13	PASS
		1	24	5.83	<13	PASS
		12	0	6.12	<13	PASS
		12	6	6	<13	PASS
		12	13	6.14	<13	PASS
		25	0	6.3	<13	PASS
	HCH	1	0	5.87	<13	PASS
		1	12	5.63	<13	PASS
		1	24	3.71	<13	PASS
		12	0	6.14	<13	PASS
		12	6	6.01	<13	PASS
		12	13	5.61	<13	PASS
		25	0	6.04	<13	PASS
16QAM	LCH	1	0	4.62	<13	PASS
		1	12	6.37	<13	PASS
		1	24	6.6	<13	PASS
		12	0	6.22	<13	PASS
		12	6	6.76	<13	PASS
		12	13	6.57	<13	PASS
		25	0	6.78	<13	PASS
	MCH	1	0	6.4	<13	PASS
		1	12	6.7	<13	PASS
		1	24	6.46	<13	PASS
		12	0	7.09	<13	PASS

		12	6	6.87	<13	PASS
		12	13	6.97	<13	PASS
		25	0	6.87	<13	PASS
	HCH	1	0	7.25	<13	PASS
		1	12	6.71	<13	PASS
		1	24	4.78	<13	PASS
		12	0	6.81	<13	PASS
		12	6	6.7	<13	PASS
		12	13	6.4	<13	PASS
		25	0	6.71	<13	PASS

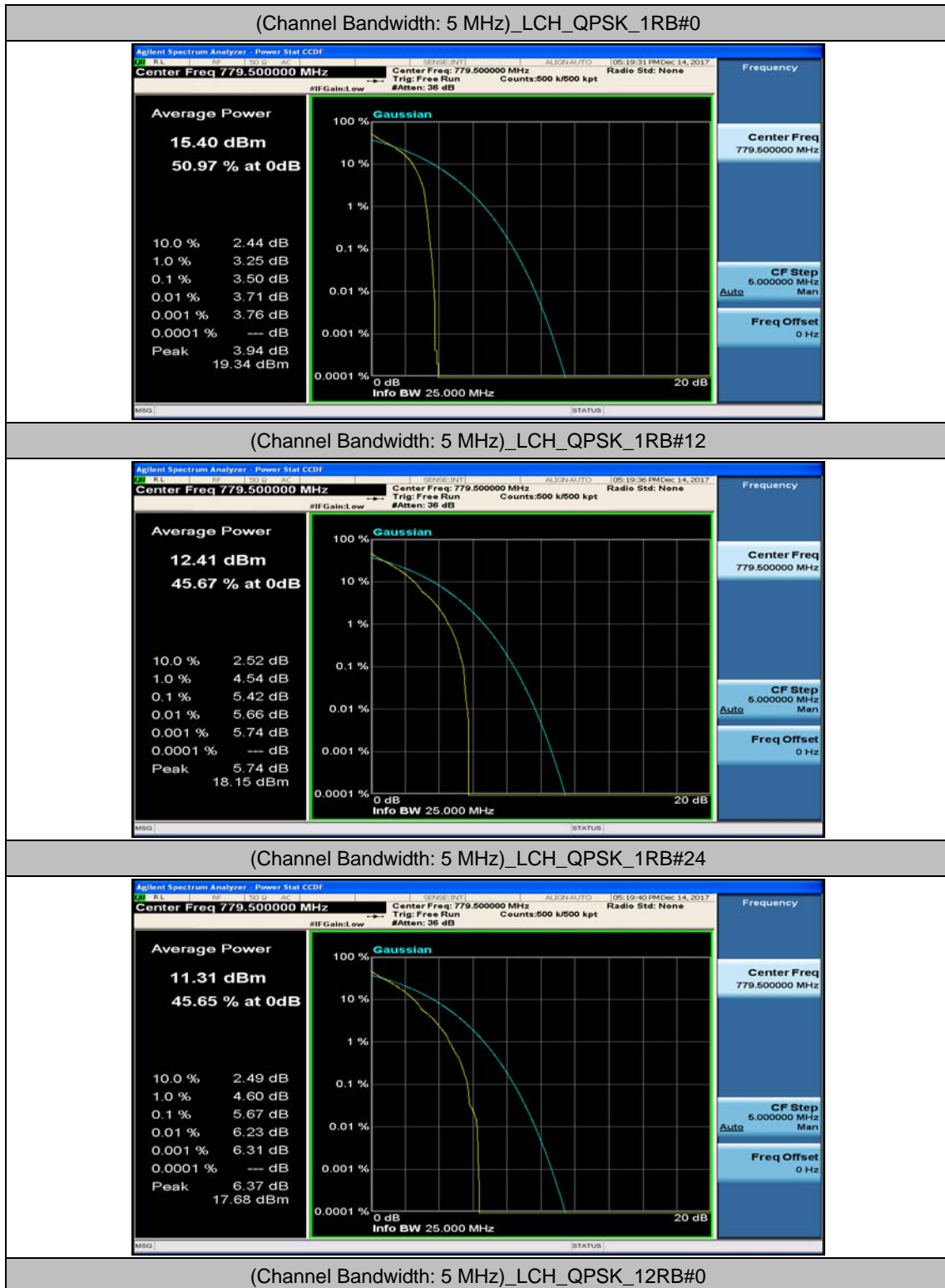
### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	3.76	<13	PASS
		1	24	6	<13	PASS
		1	49	4.09	<13	PASS
		25	0	6.04	<13	PASS
		25	12	6.2	<13	PASS
		25	25	6.07	<13	PASS
		50	0	6.39	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
/		/	/	/	/	
16QAM	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/

		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	4.57	<13	PASS
		1	24	6.9	<13	PASS
		1	49	4.83	<13	PASS
		25	0	6.8	<13	PASS
		25	12	6.87	<13	PASS
		25	25	6.81	<13	PASS
		50	0	6.86	<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



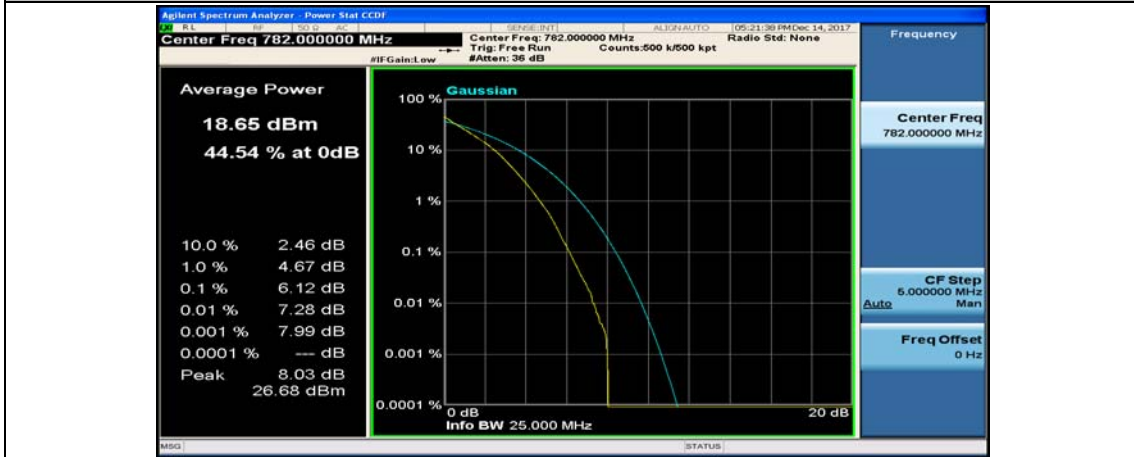
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



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



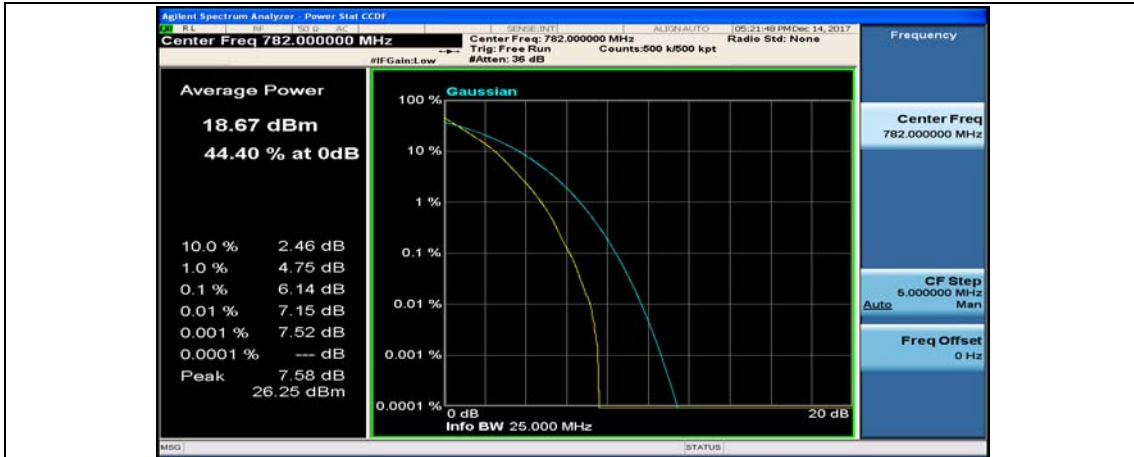
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(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



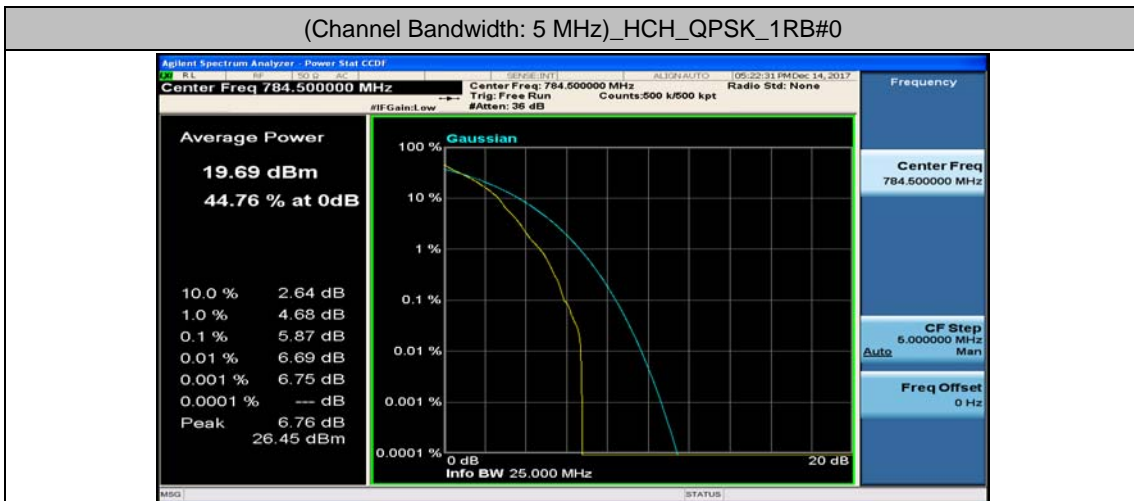
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



(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



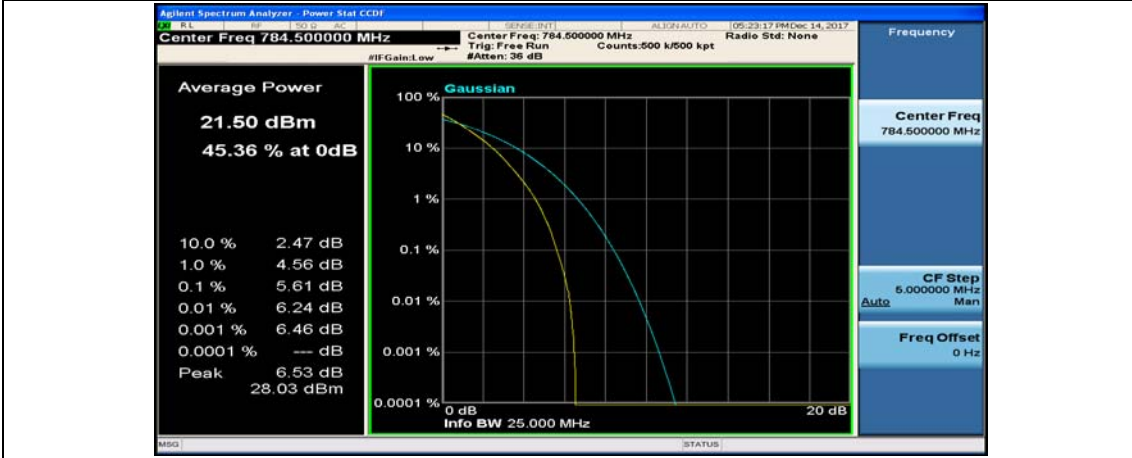
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



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



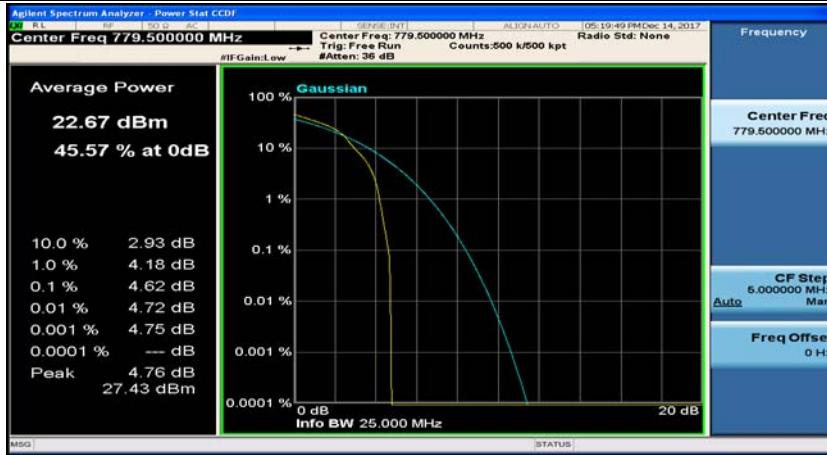
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



(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



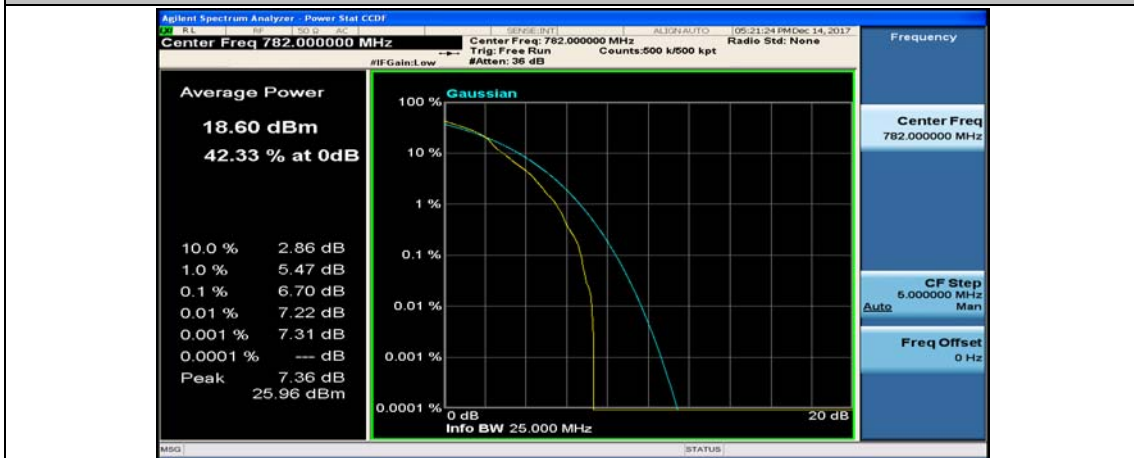
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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



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



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





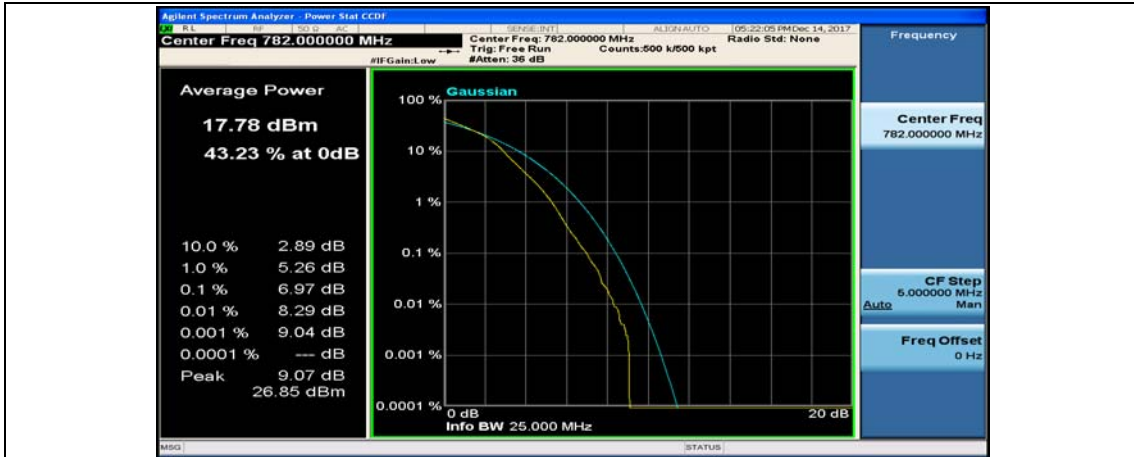
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



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



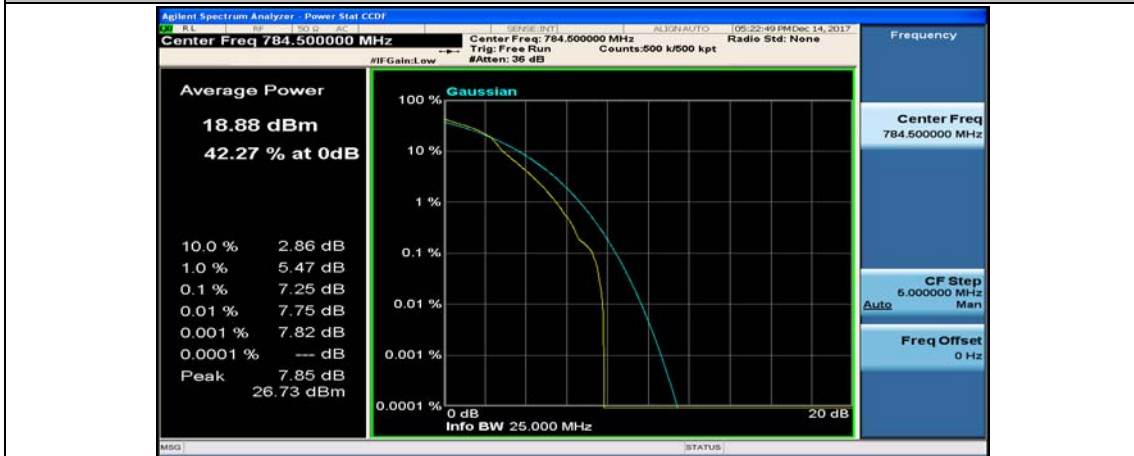
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



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



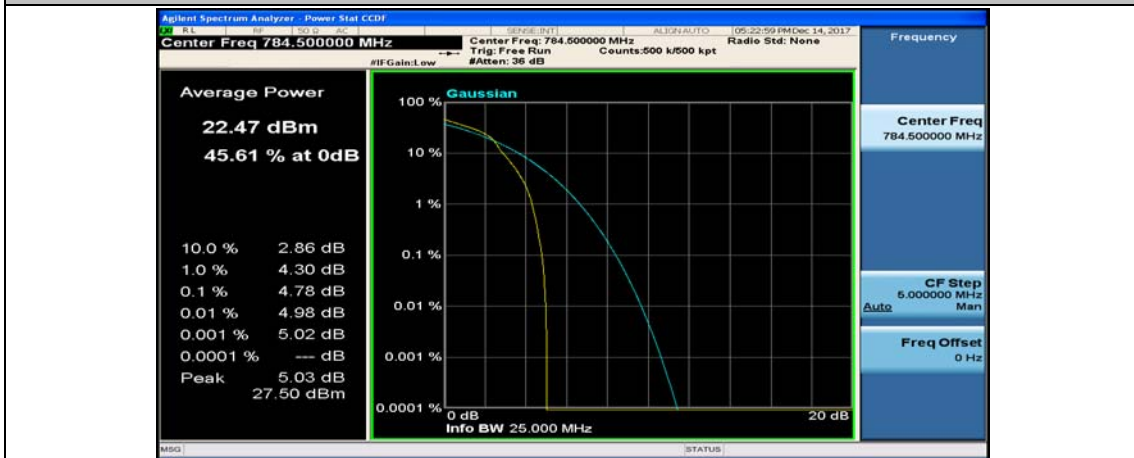
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



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



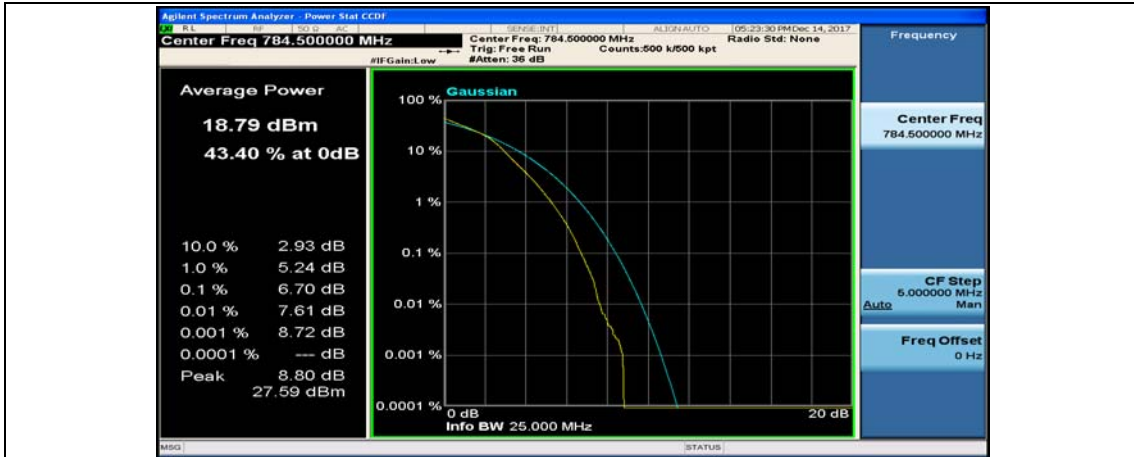
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



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



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



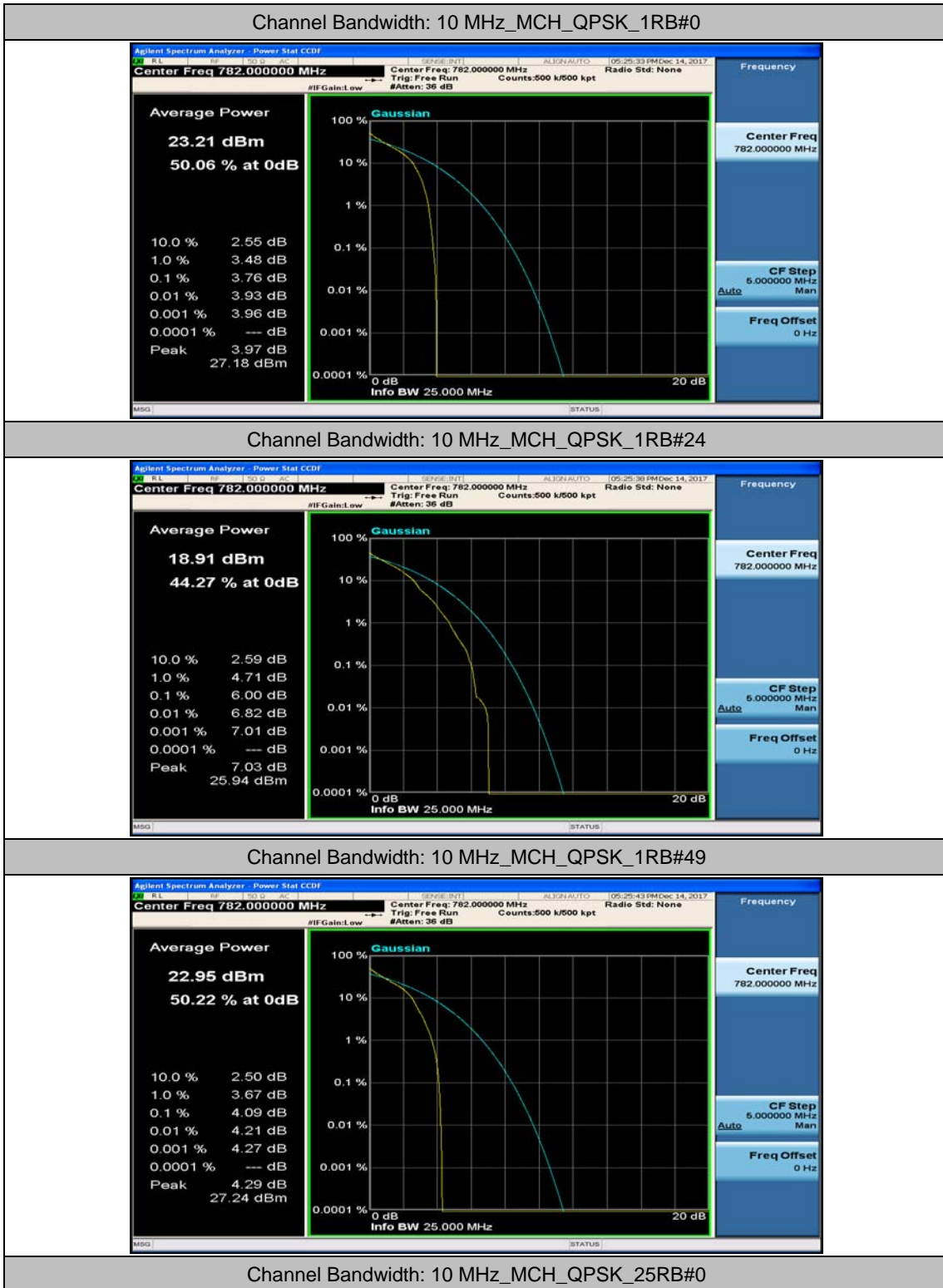
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

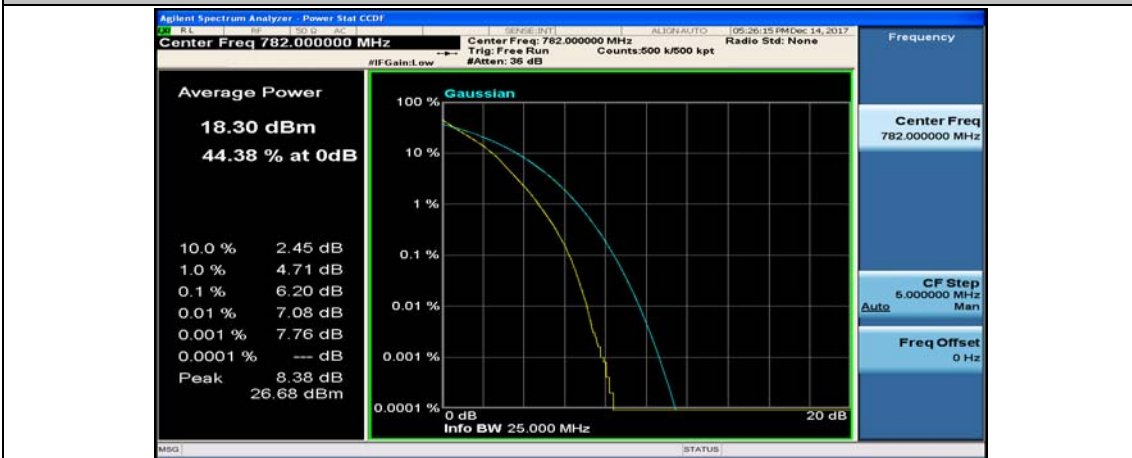
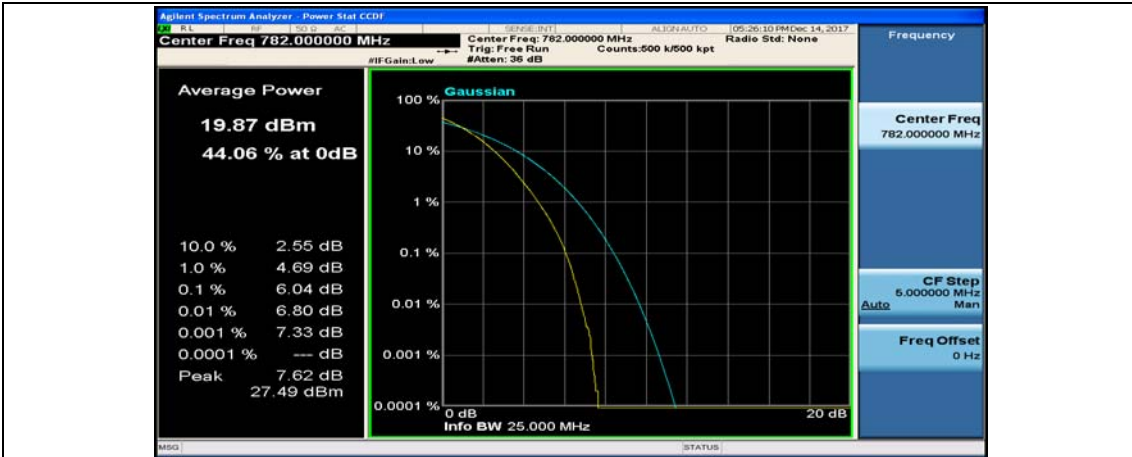


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



### Channel Bandwidth: 10 MHz







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



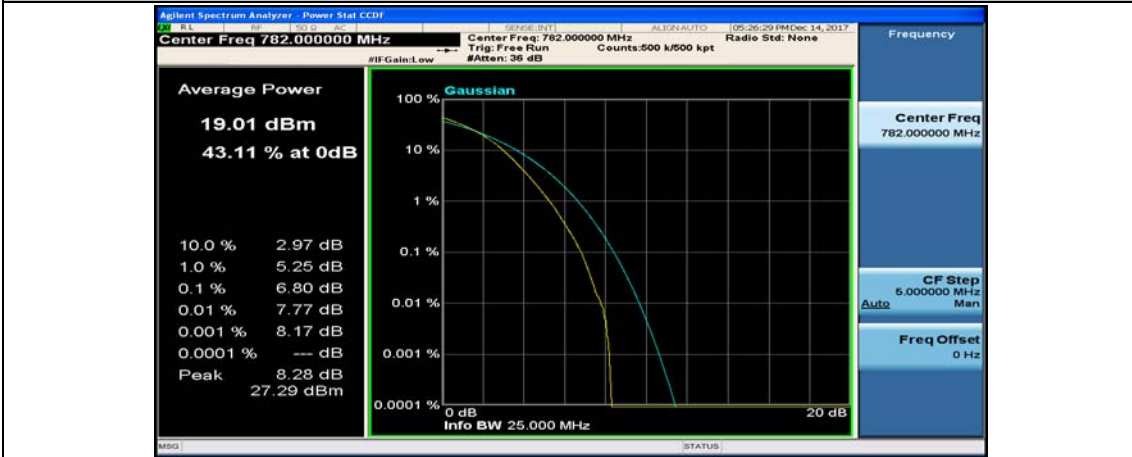
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



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





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



## 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	4.4838	4.769	PASS
	MCH	25	0	4.4908	4.851	PASS
	HCH	25	0	4.4895	4.823	PASS
16QAM	LCH	25	0	4.4870	4.786	PASS
	MCH	25	0	4.4966	4.867	PASS
	HCH	25	0	4.4842	4.784	PASS

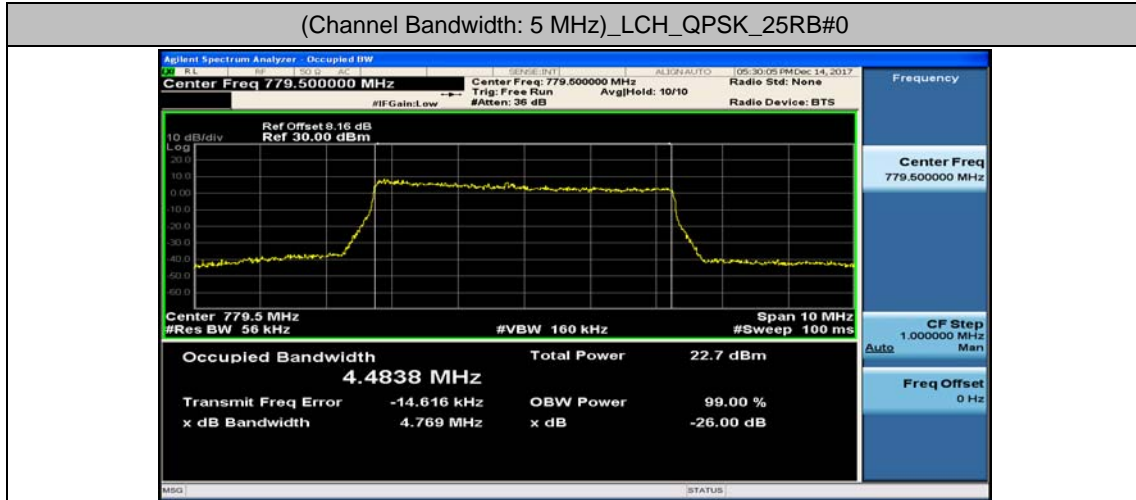
#### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	/	/	/	/	/	/
	MCH	50	0	8.9944	9.529	PASS
	/	/	/	/	/	/
16QAM	/	/	/	/	/	/
	MCH	50	0	8.9993	9.533	PASS
	/	/	/	/	/	/

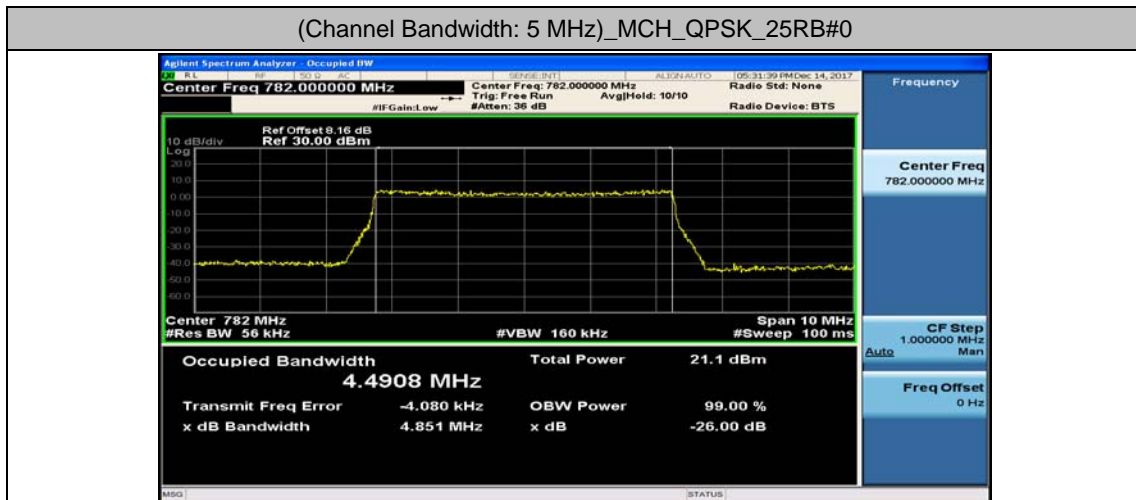
## Test Graphs

### Channel Bandwidth: 5 MHz

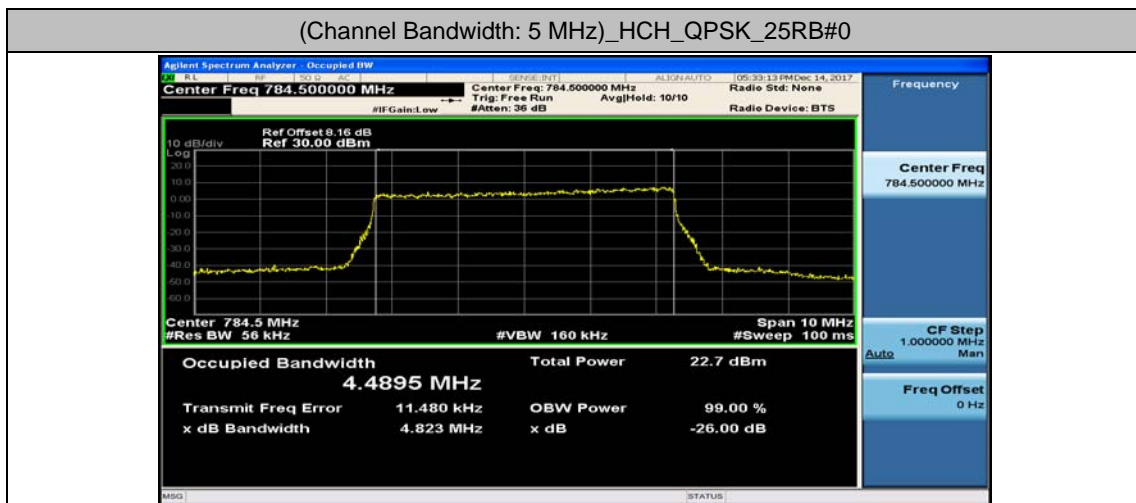
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



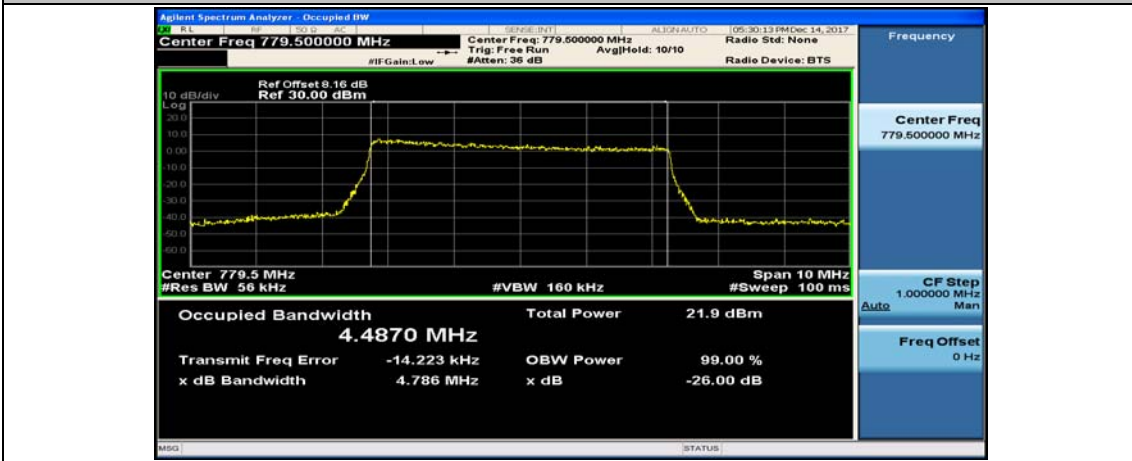
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



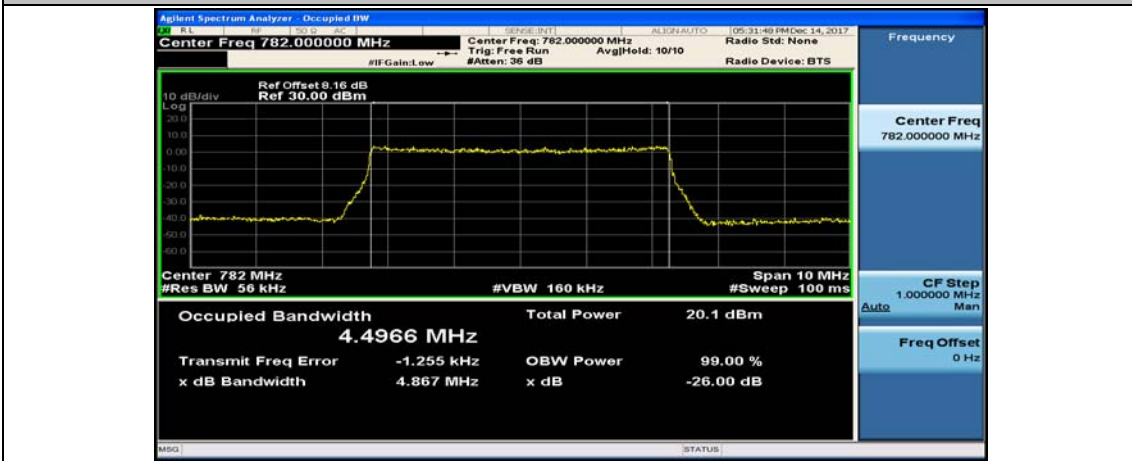
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



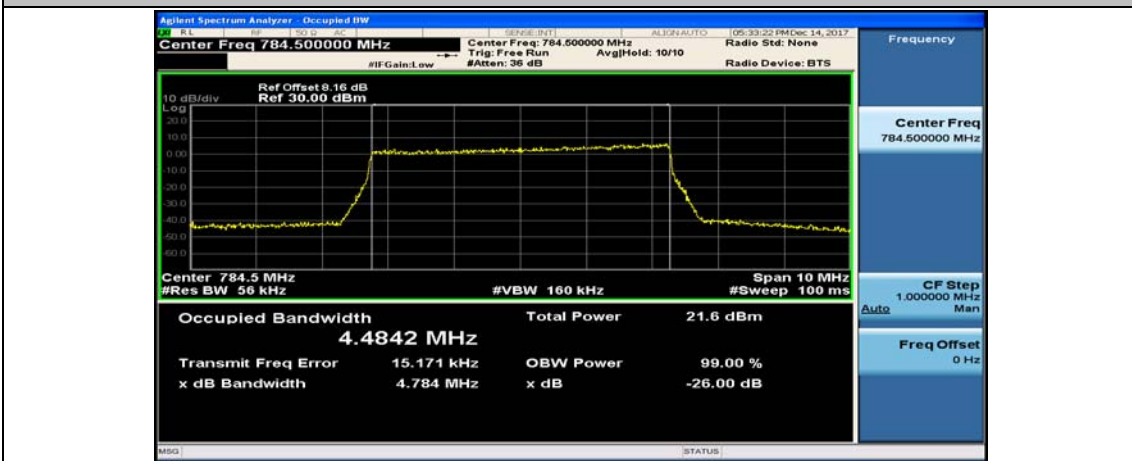
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



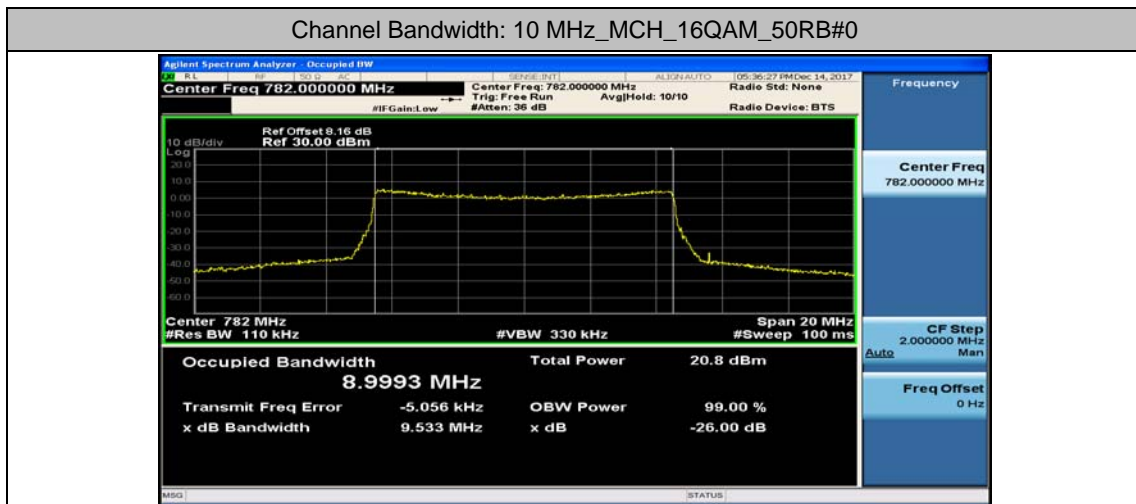
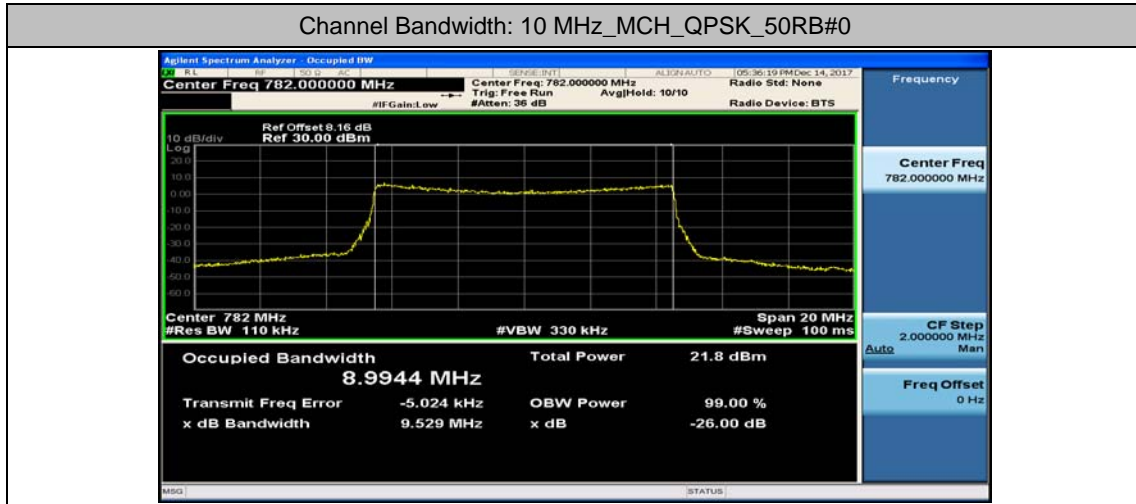
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



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



### Channel Bandwidth: 10 MHz

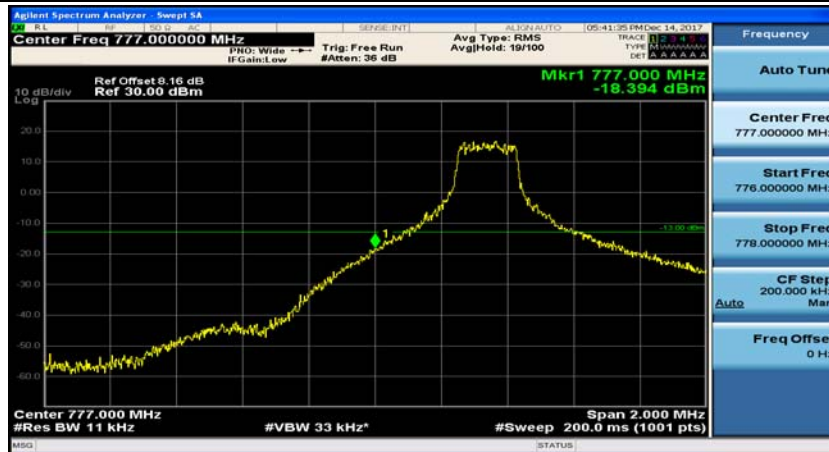


## Appendix D: Band Edge

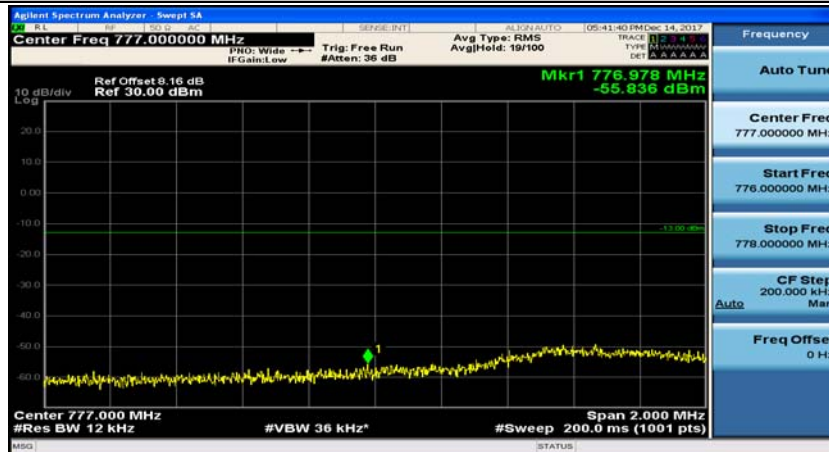
### Test Graphs

#### Channel Bandwidth: 5 MHz

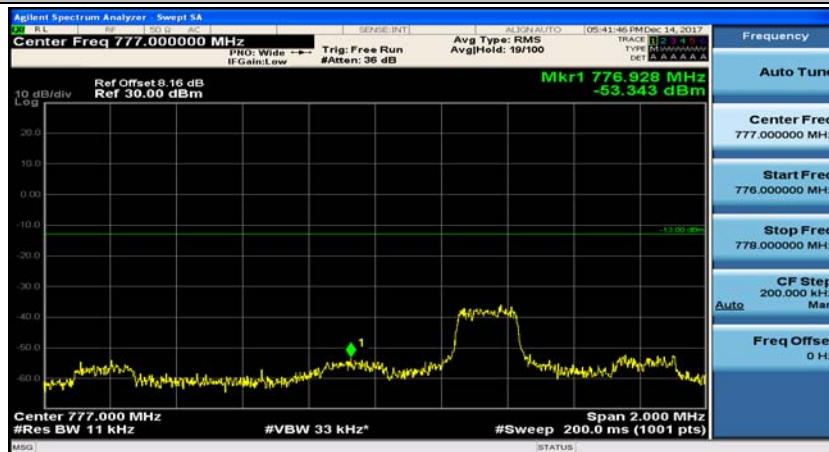
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



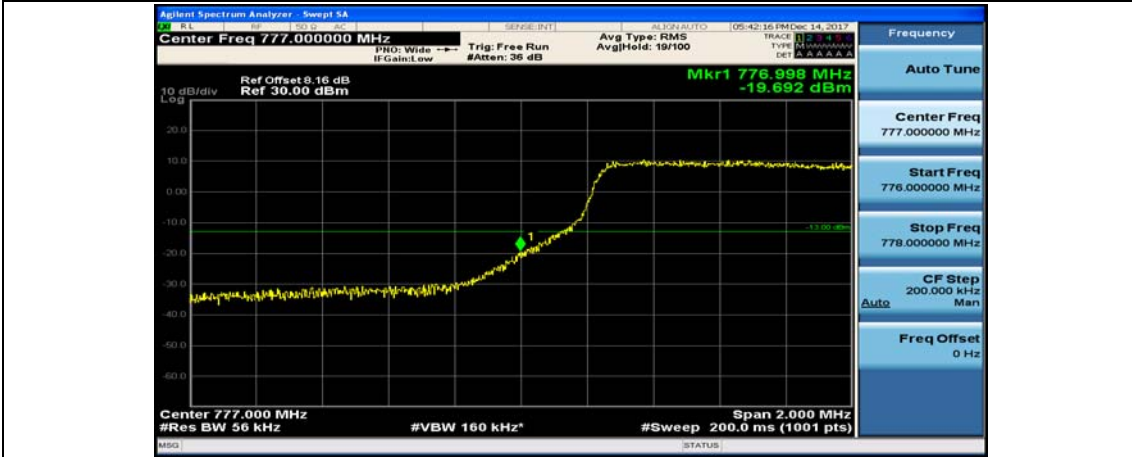
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#12



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



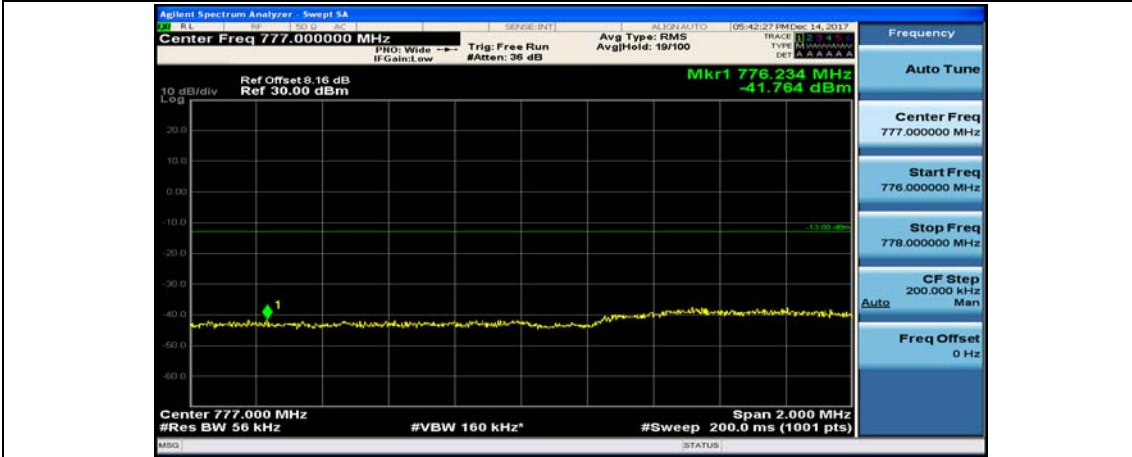
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#0



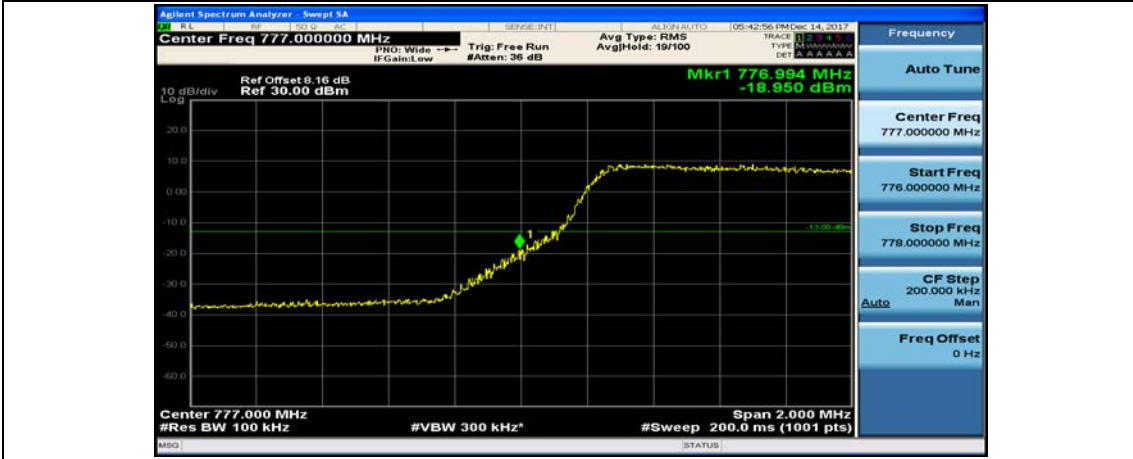
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



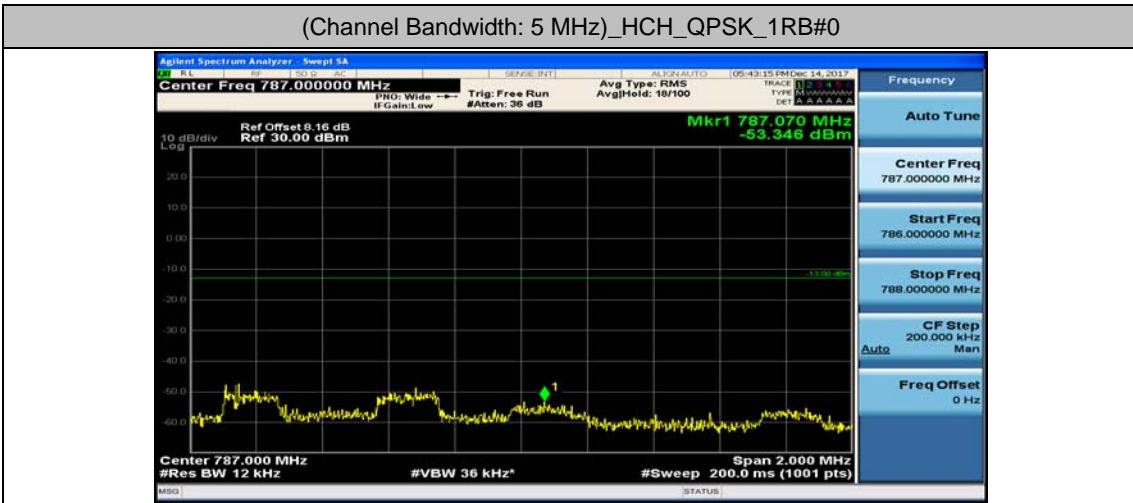
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



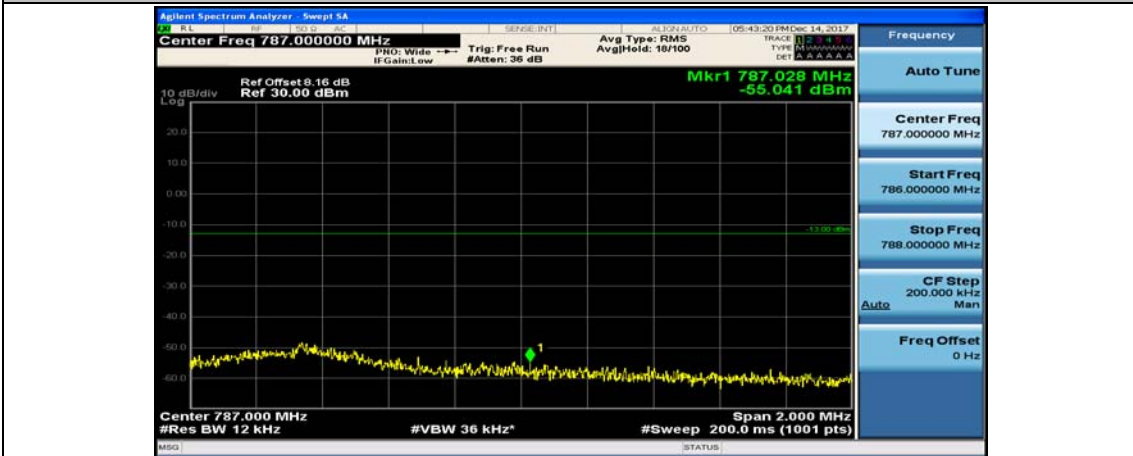
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



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



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

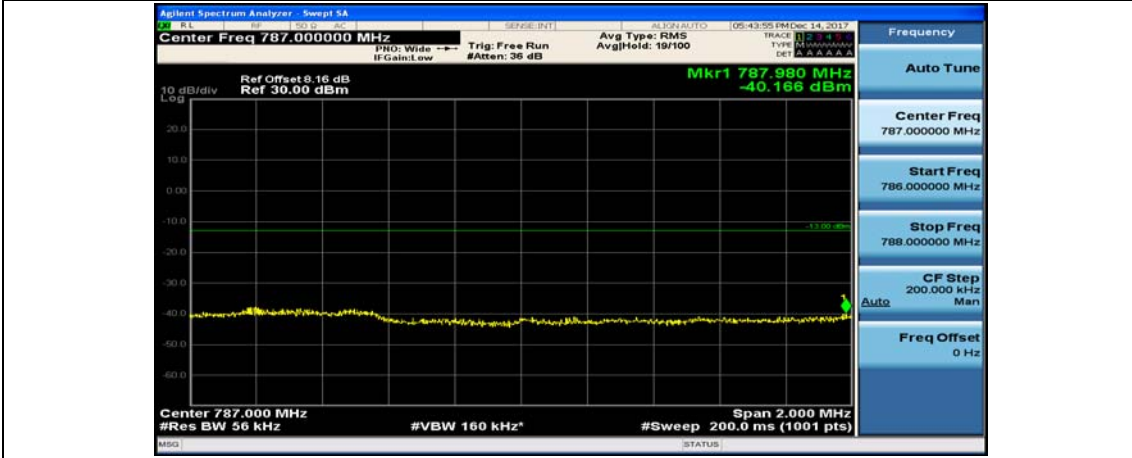


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

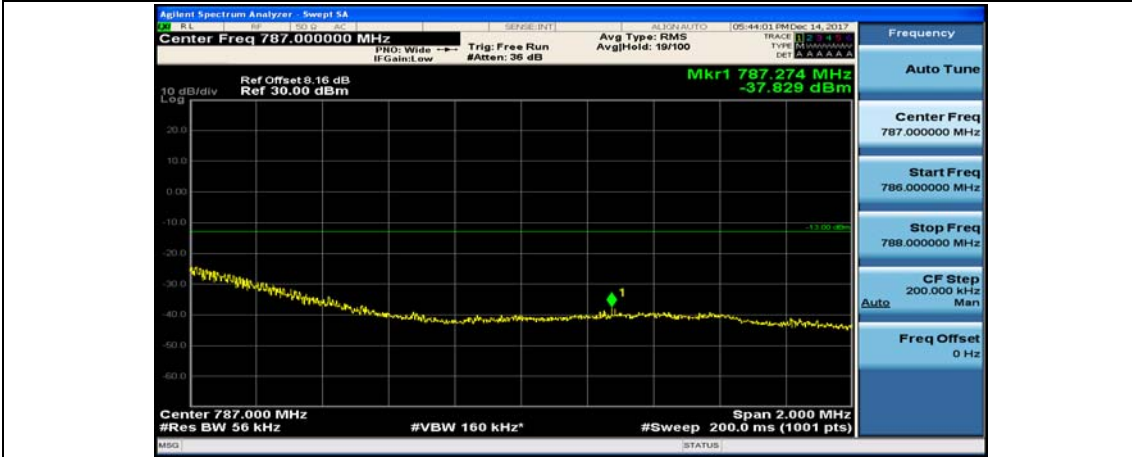




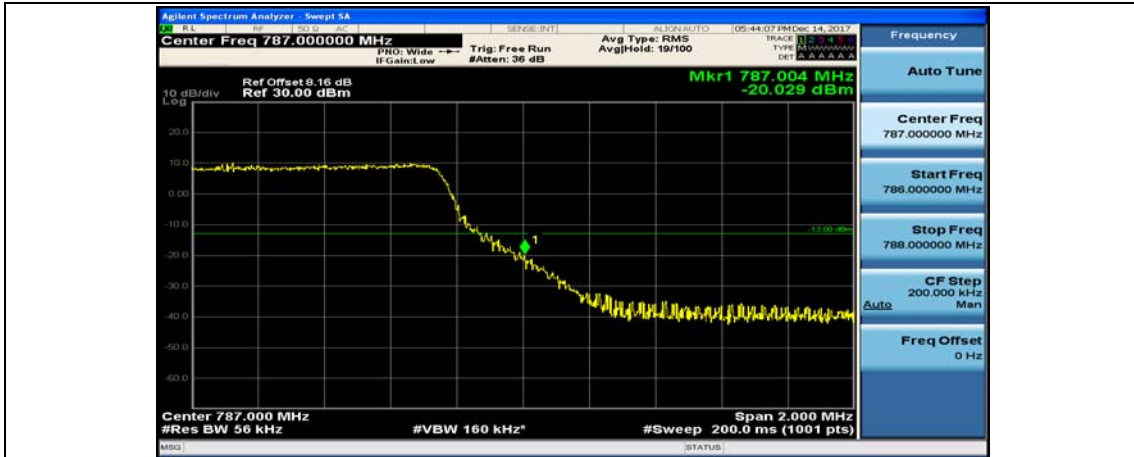
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



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



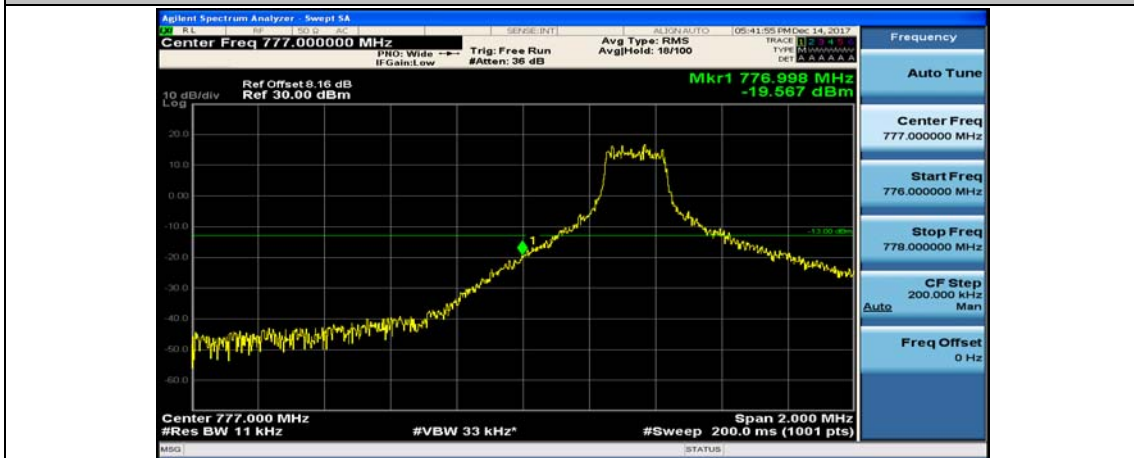
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



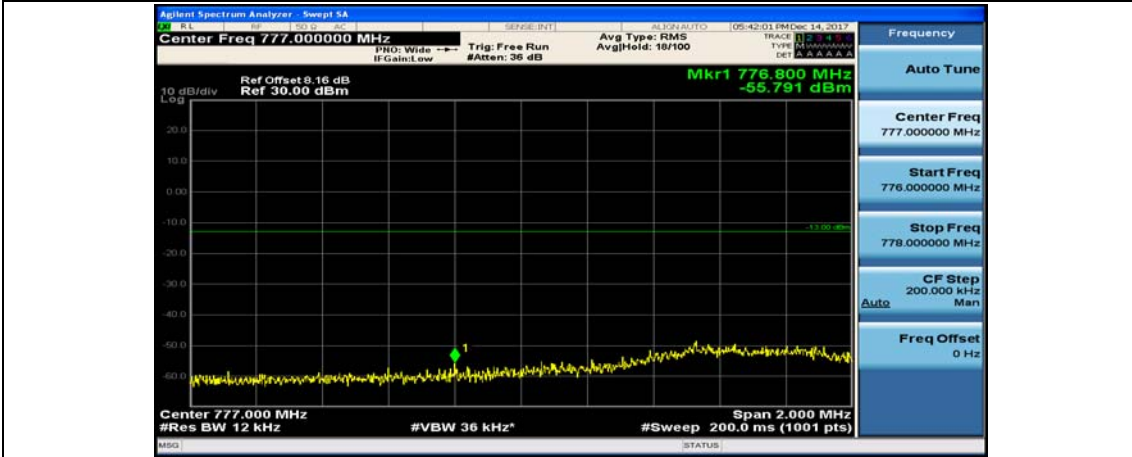
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



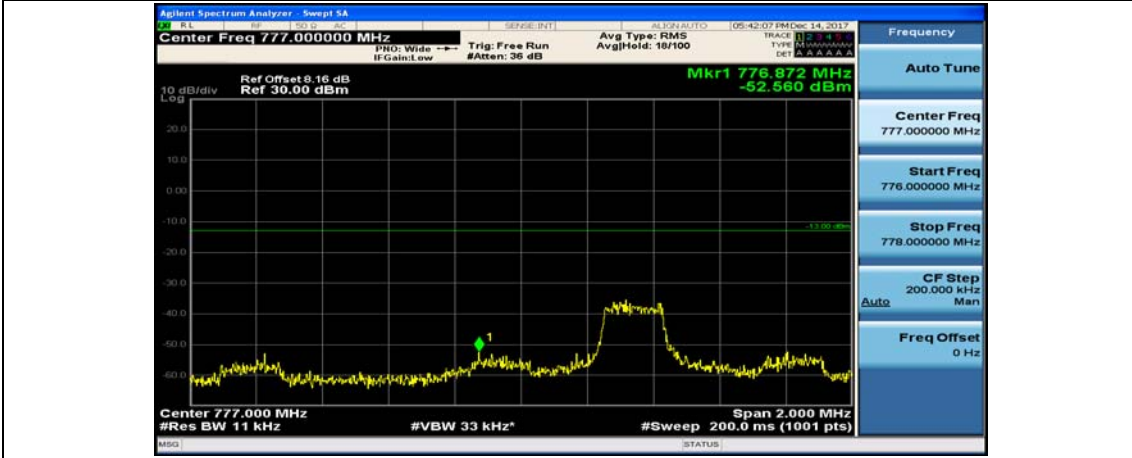
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



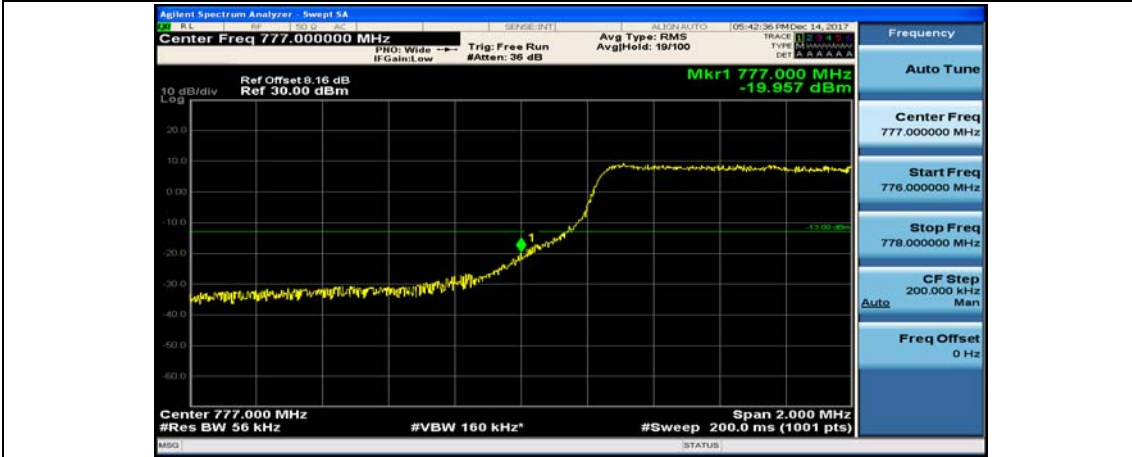
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



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



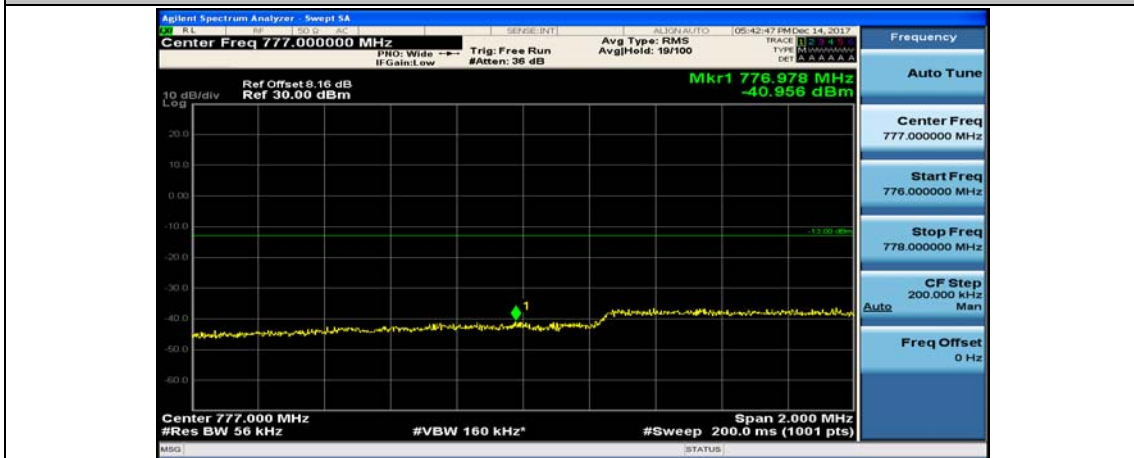
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



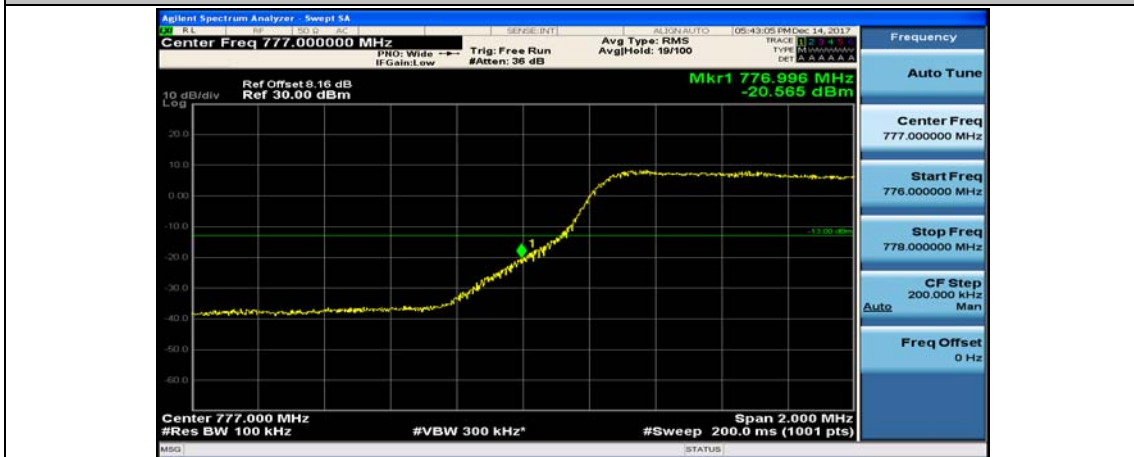
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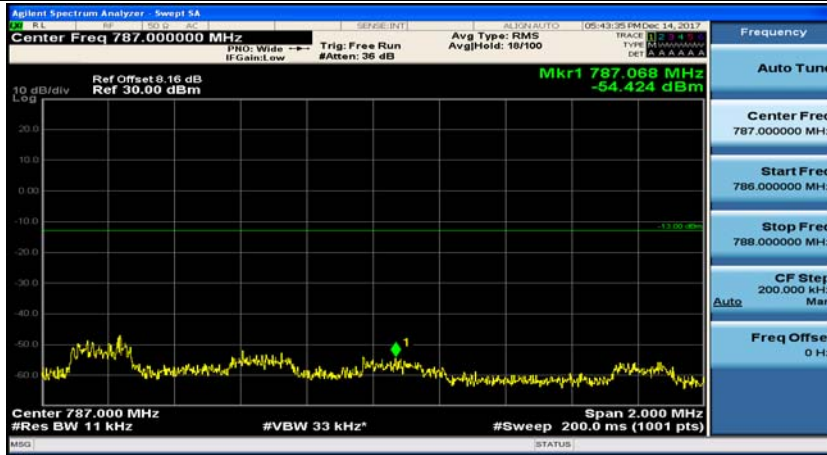
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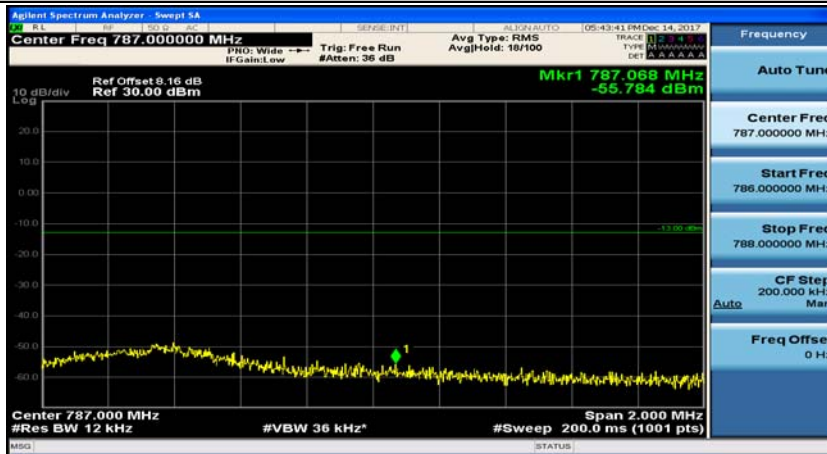
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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



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



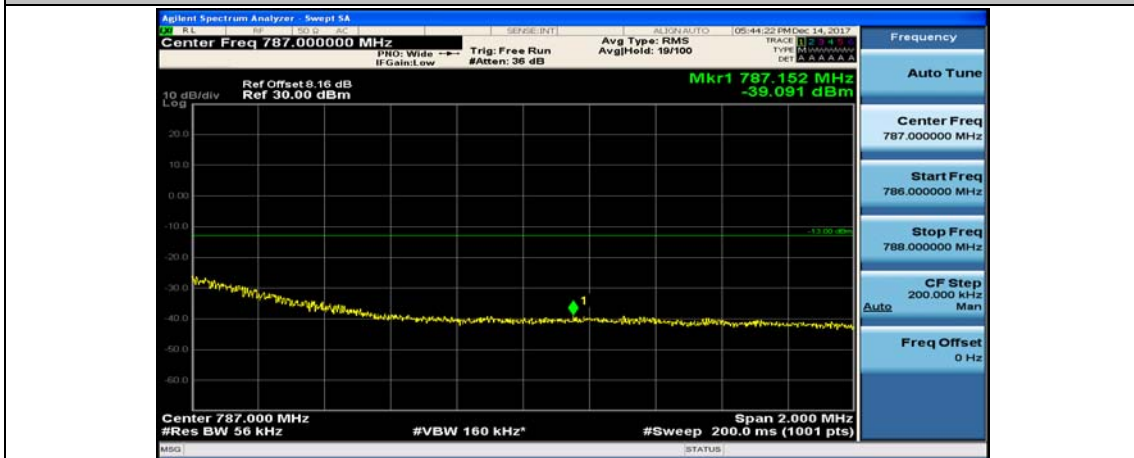
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



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



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



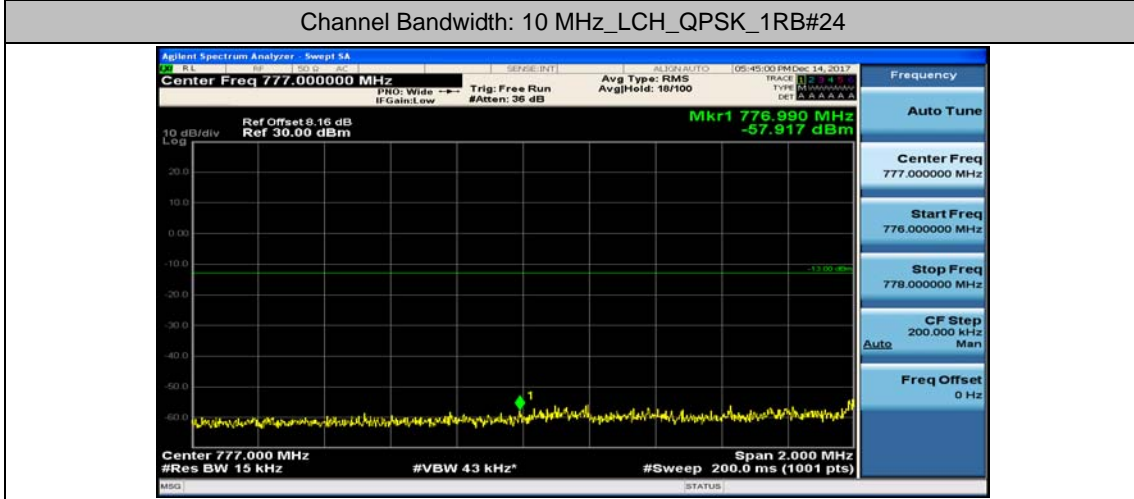
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13



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



Channel Bandwidth: 10 MHz

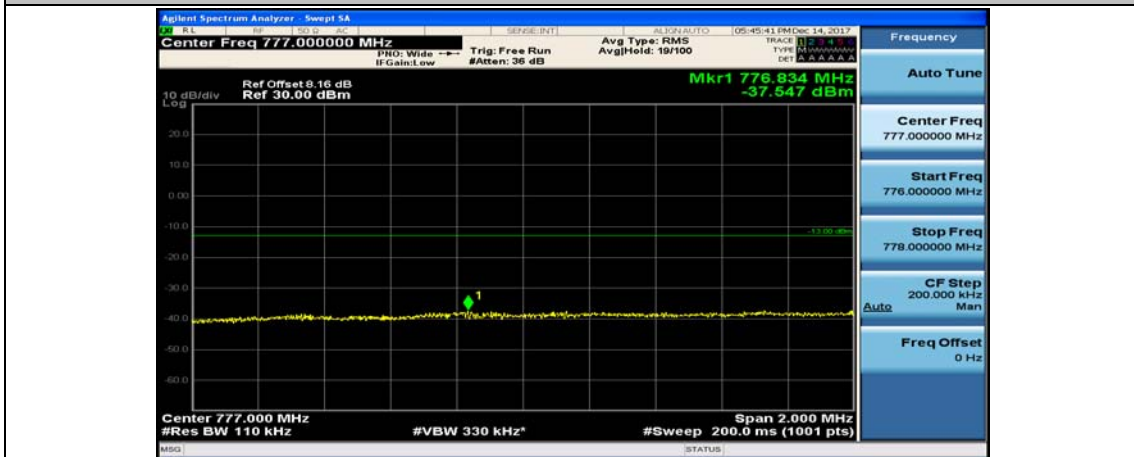




Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#0

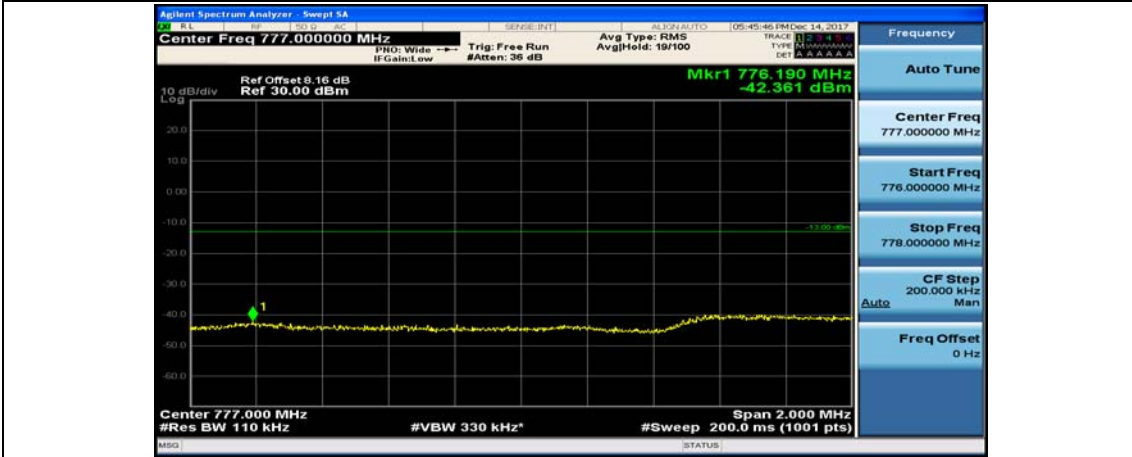


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#12

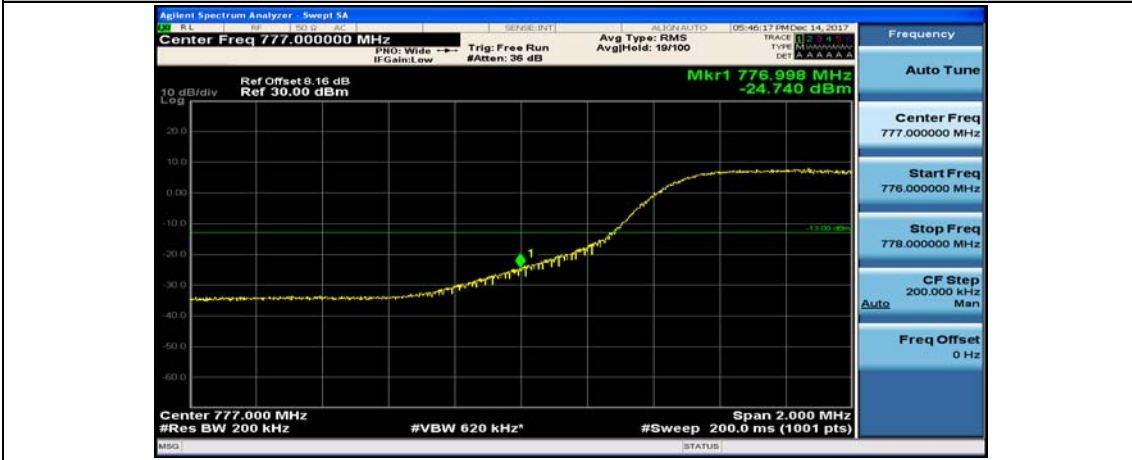


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#25

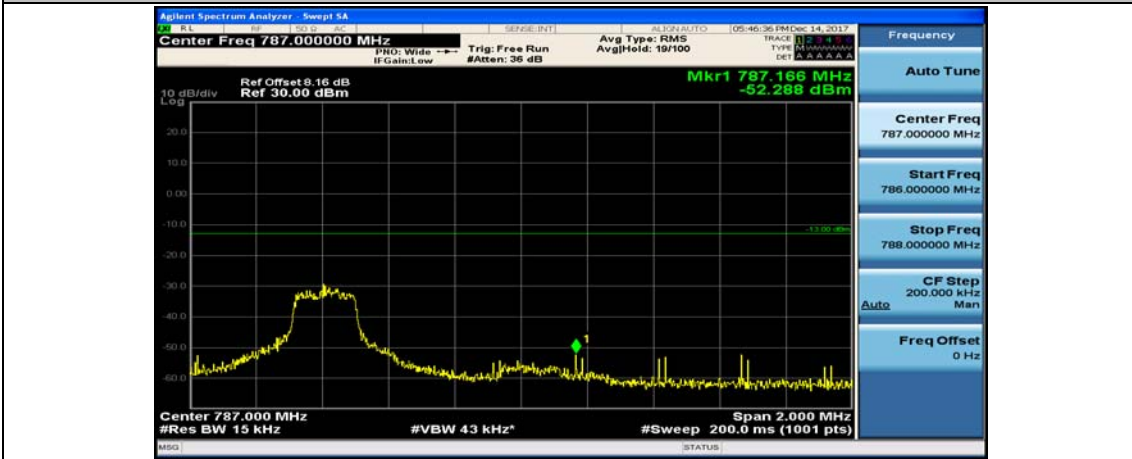




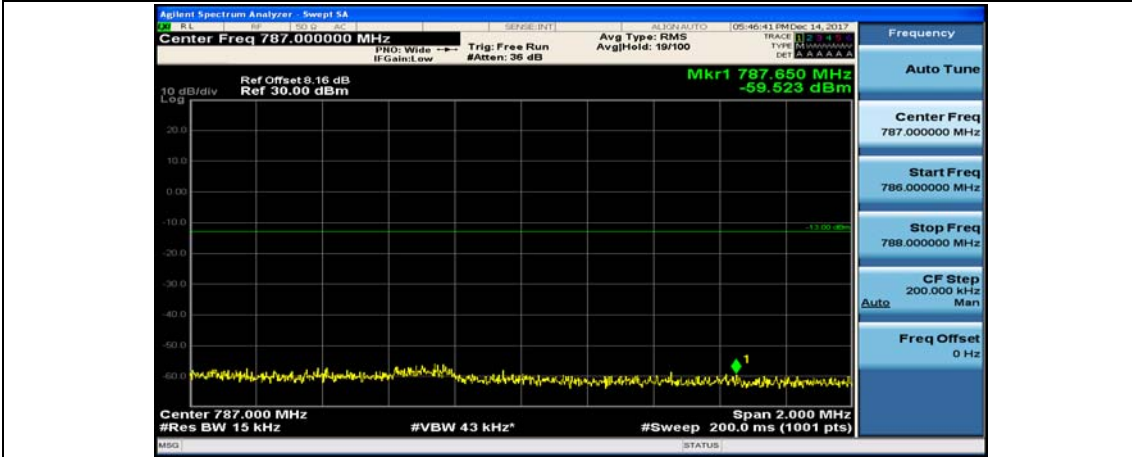
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



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



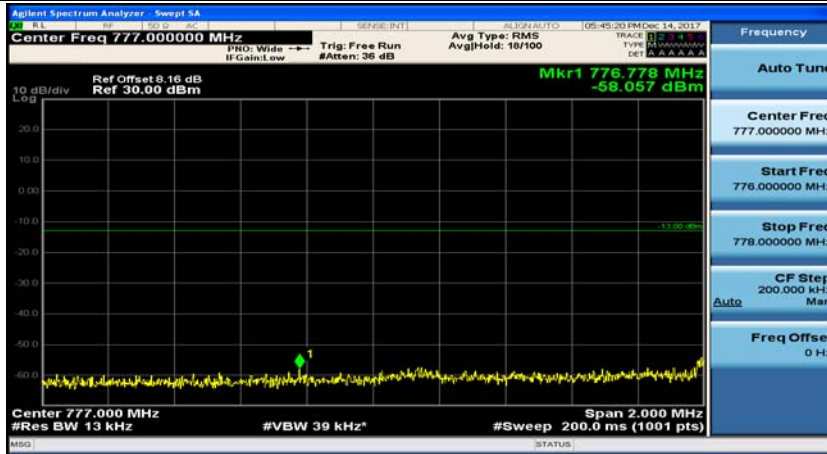
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0



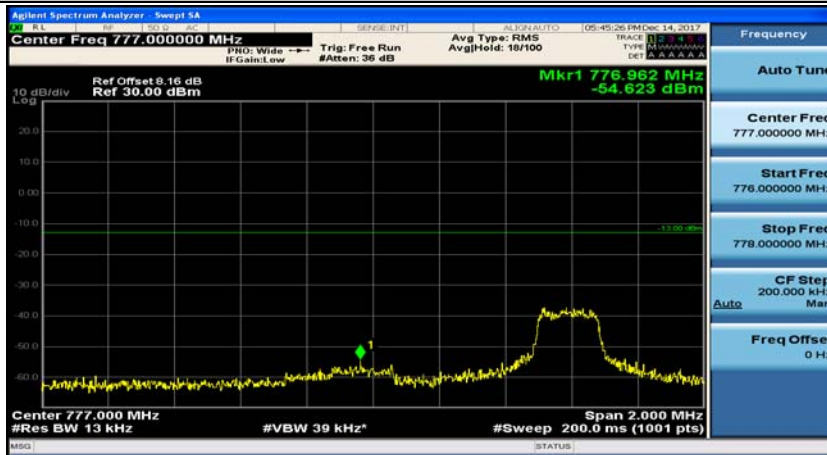
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



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



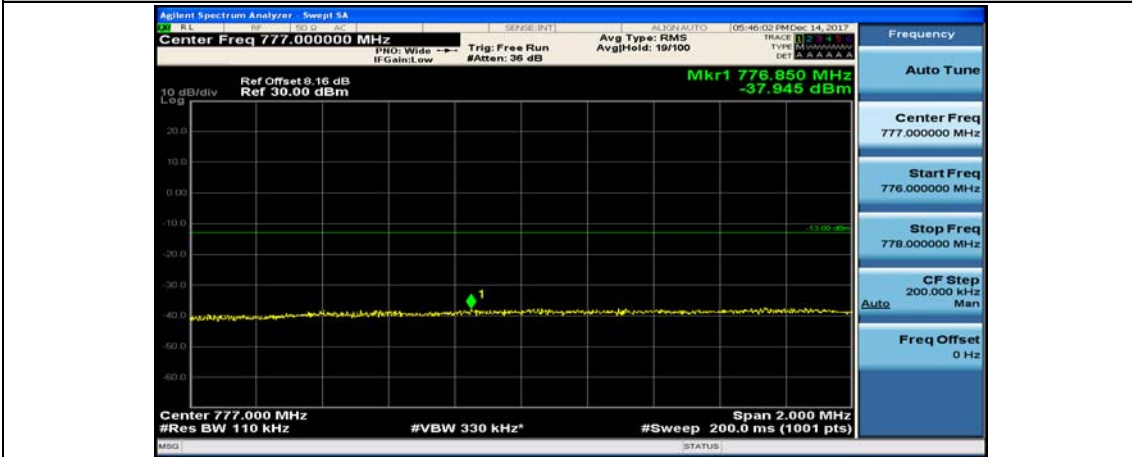
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49



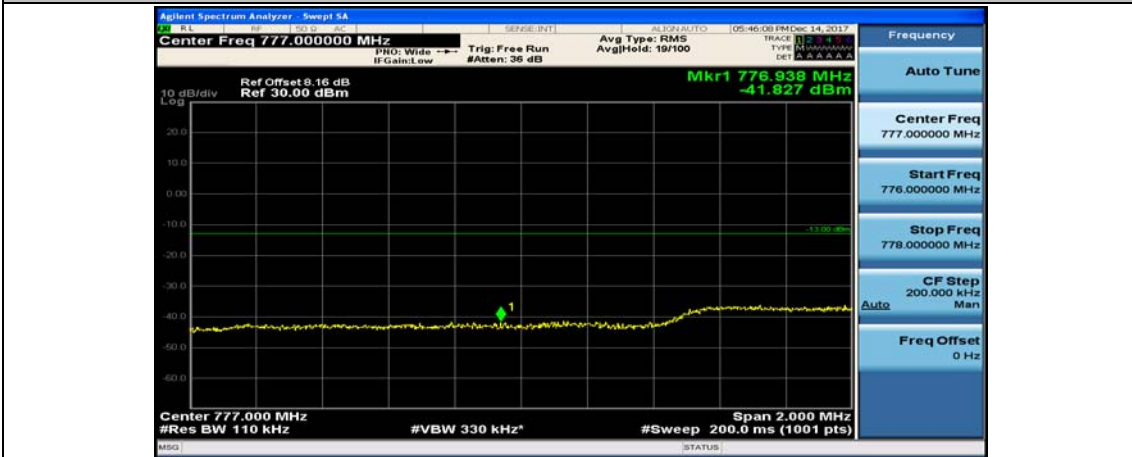
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#0



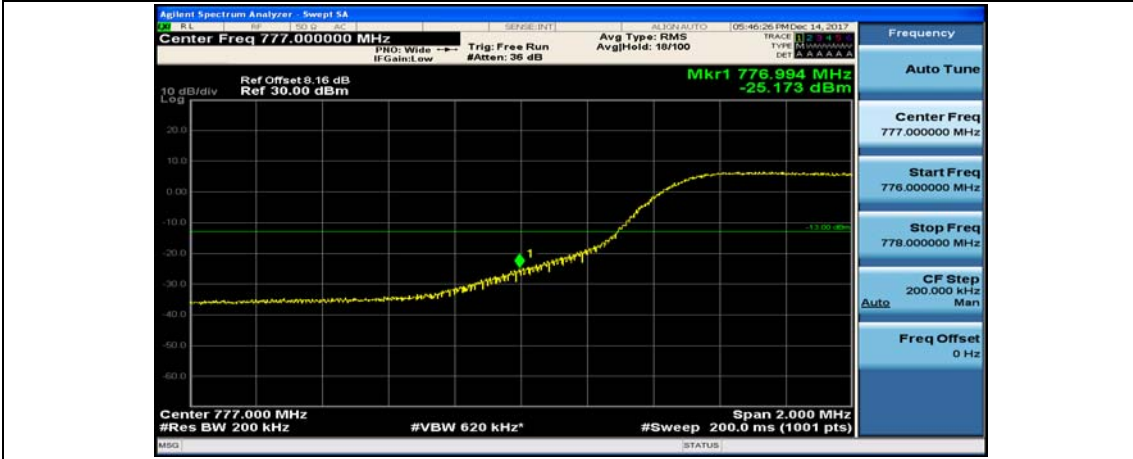
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#12



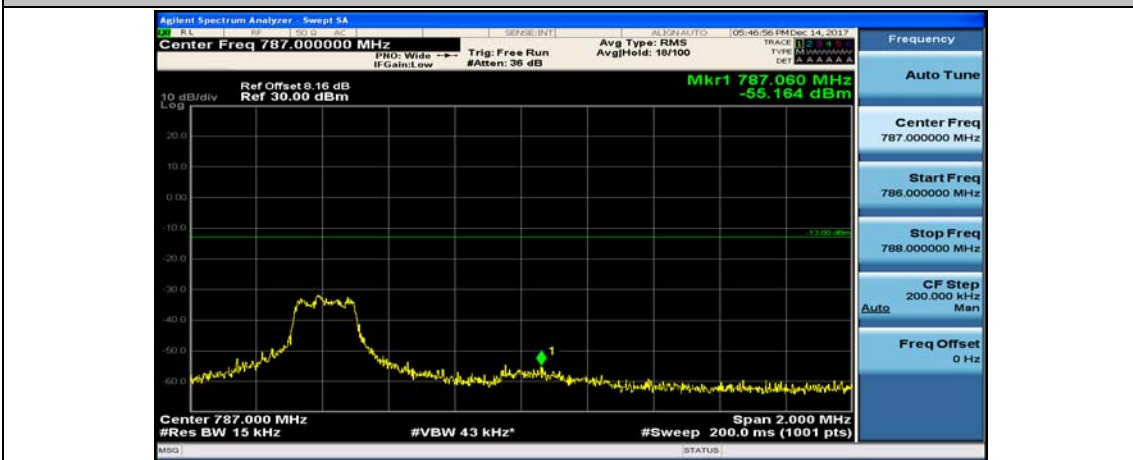
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#25



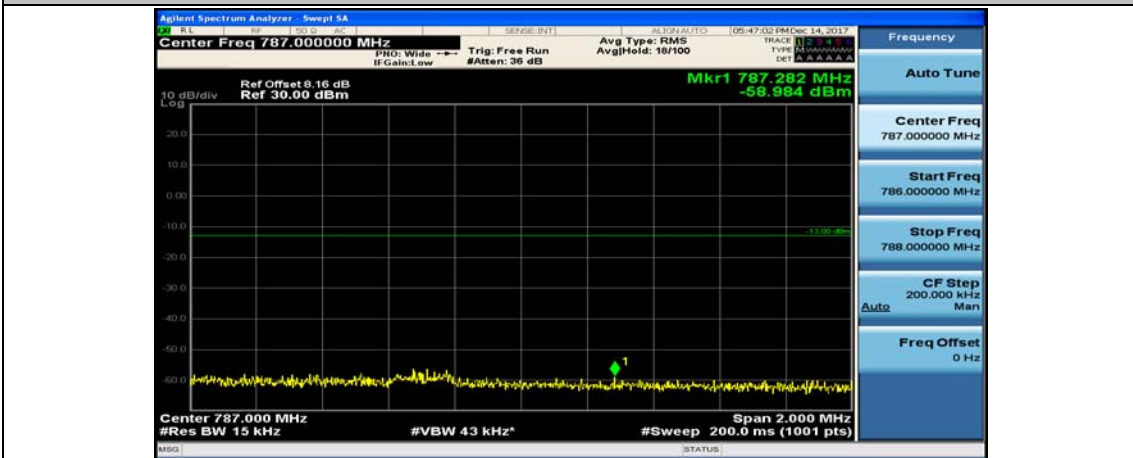
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



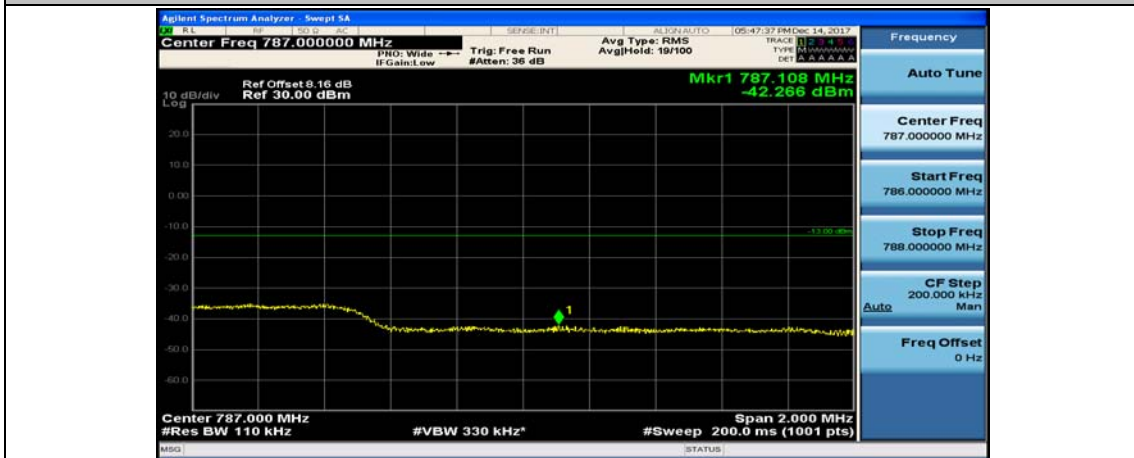
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



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

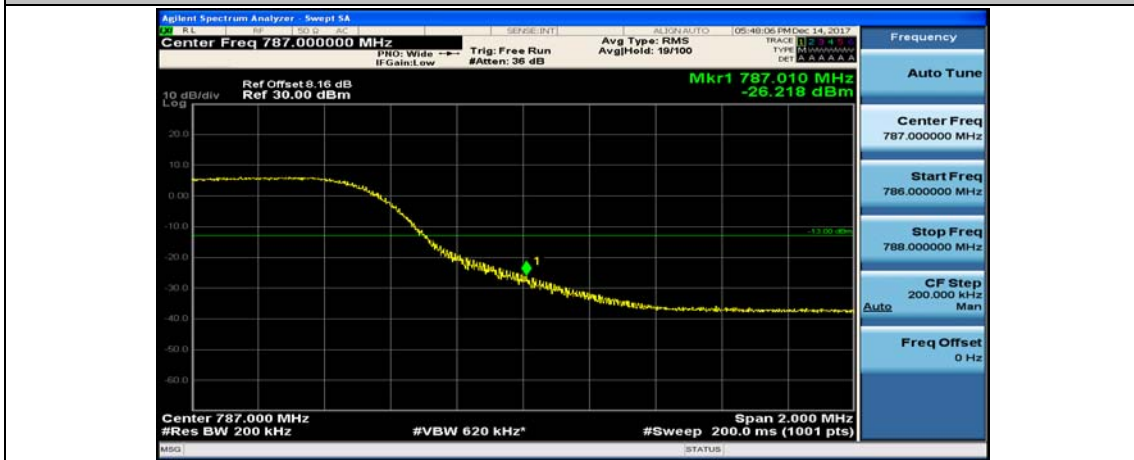


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49





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





## Appendix E: Conducted Spurious Emission

### Test Graphs

#### Channel Bandwidth: 5 MHz

