

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	22.89	PASS
		1	12	22.93	PASS
		1	24	22.87	PASS
		12	0	21.94	PASS
		12	6	21.93	PASS
		12	13	21.97	PASS
		25	0	21.88	PASS
	MCH	1	0	22.95	PASS
		1	12	23.00	PASS
		1	24	22.83	PASS
		12	0	21.97	PASS
		12	6	21.93	PASS
		12	13	21.91	PASS
		25	0	21.88	PASS
	HCH	1	0	22.83	PASS
		1	12	22.89	PASS
		1	24	22.61	PASS
		12	0	21.89	PASS
		12	6	21.86	PASS
		12	13	21.82	PASS
		25	0	21.80	PASS
16QAM	LCH	1	0	22.30	PASS
		1	12	22.41	PASS
		1	24	22.33	PASS
		12	0	21.11	PASS
		12	6	21.13	PASS
		12	13	21.16	PASS
		25	0	20.96	PASS
	MCH	1	0	22.02	PASS
		1	12	22.06	PASS
		1	24	21.88	PASS
		12	0	21.03	PASS
		12	6	21.00	PASS

		12	13	20.98	PASS
		25	0	20.94	PASS
	HCH	1	0	22.02	PASS
		1	12	22.08	PASS
		1	24	21.84	PASS
		12	0	20.98	PASS
		12	6	20.95	PASS
		12	13	20.91	PASS
		25	0	20.90	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.84	PASS
		1	24	23.36	PASS
		1	49	22.76	PASS
		25	0	21.91	PASS
		25	12	21.92	PASS
		25	25	21.88	PASS
		50	0	21.90	PASS
	MCH	1	0	22.87	PASS
		1	24	22.86	PASS
		1	49	22.72	PASS
		25	0	21.89	PASS
		25	12	21.89	PASS
		25	25	21.83	PASS
		50	0	21.89	PASS
	HCH	1	0	22.87	PASS
		1	24	22.85	PASS
		1	49	22.69	PASS
		25	0	21.91	PASS
		25	12	21.88	PASS
		25	25	21.81	PASS
		50	0	21.87	PASS
16QAM	LCH	1	0	22.15	PASS
		1	24	22.20	PASS
		1	49	22.07	PASS
		25	0	20.96	PASS
		25	12	20.97	PASS
		25	25	20.92	PASS
		50	0	20.94	PASS
	MCH	1	0	22.19	PASS

		1	24	22.20	PASS
		1	49	22.05	PASS
		25	0	20.96	PASS
		25	12	20.93	PASS
		25	25	20.89	PASS
		50	0	20.95	PASS
	HCH	1	0	22.34	PASS
		1	24	22.33	PASS
		1	49	22.15	PASS
		25	0	20.97	PASS
		25	12	20.96	PASS
		25	25	20.89	PASS
		50	0	20.97	PASS

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	4.77	<13	PASS
		1	12	4.9	<13	PASS
		1	24	5.02	<13	PASS
		12	0	5.66	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.86	<13	PASS
		25	0	5.91	<13	PASS
	MCH	1	0	5.11	<13	PASS
		1	12	5.05	<13	PASS
		1	24	4.98	<13	PASS
		12	0	5.87	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.77	<13	PASS
		25	0	5.82	<13	PASS
	HCH	1	0	5.15	<13	PASS
		1	12	4.87	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.68	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.73	<13	PASS
16QAM	LCH	1	0	5.56	<13	PASS
		1	12	5.76	<13	PASS
		1	24	6.02	<13	PASS
		12	0	6.51	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.67	<13	PASS
		25	0	6.77	<13	PASS
	MCH	1	0	5.81	<13	PASS
		1	12	5.8	<13	PASS
		1	24	5.39	<13	PASS
		12	0	6.87	<13	PASS

		12	6	6.74	<13	PASS
		12	13	6.65	<13	PASS
		25	0	6.66	<13	PASS
	HCH	1	0	5.98	<13	PASS
		1	12	5.73	<13	PASS
		1	24	5.88	<13	PASS
		12	0	6.47	<13	PASS
		12	6	6.38	<13	PASS
		12	13	6.39	<13	PASS
		25	0	6.52	<13	PASS

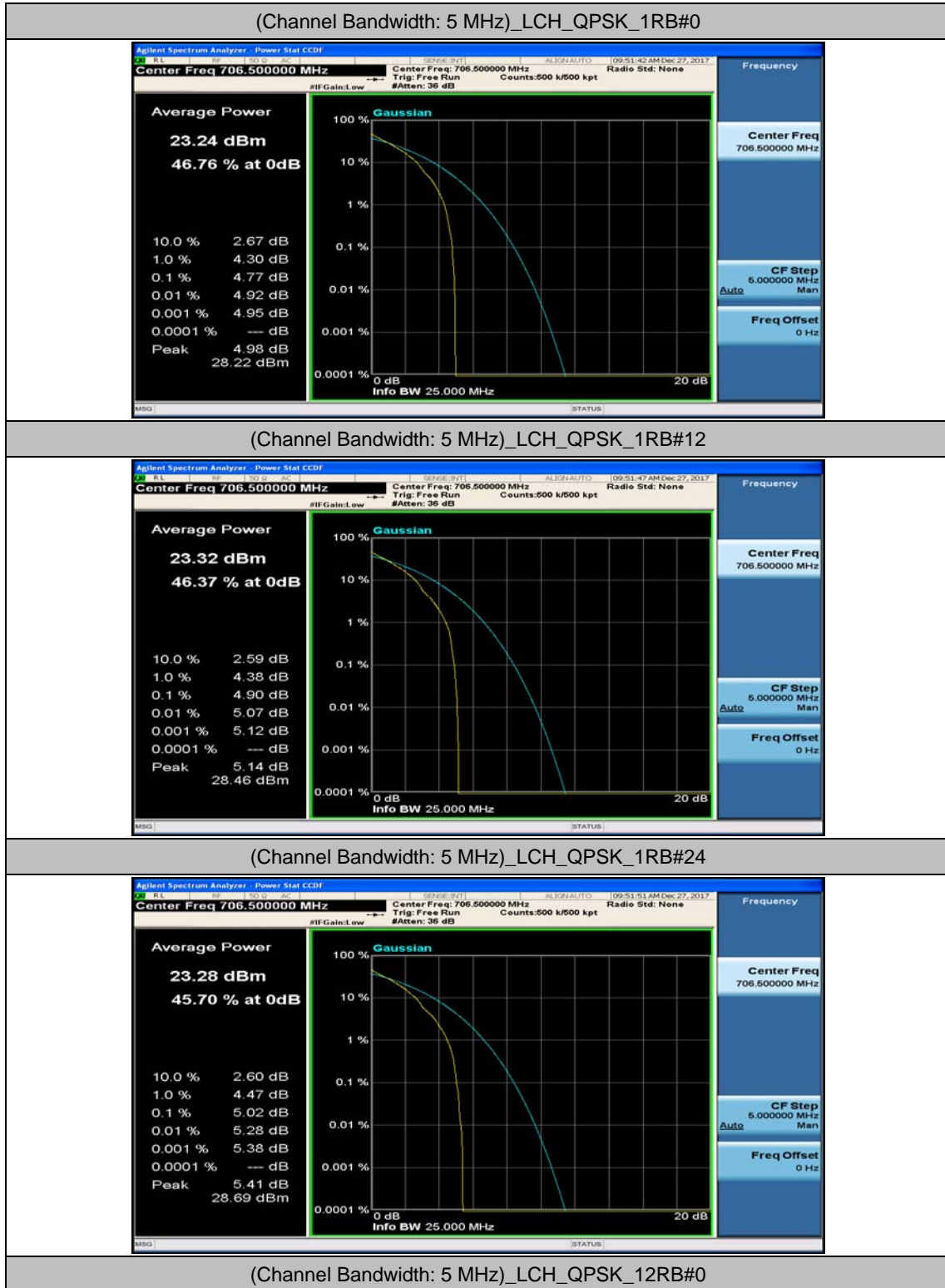
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.87	<13	PASS
		1	24	5.28	<13	PASS
		1	49	4.83	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.86	<13	PASS
	MCH	1	0	5	<13	PASS
		1	24	5.2	<13	PASS
		1	49	4.9	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.81	<13	PASS
		25	25	5.73	<13	PASS
		50	0	5.8	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	24	4.95	<13	PASS
		1	49	4.75	<13	PASS
		25	0	5.83	<13	PASS
		25	12	5.82	<13	PASS
		25	25	5.72	<13	PASS
		50	0	5.78	<13	PASS
16QAM	LCH	1	0	5.79	<13	PASS
		1	24	6.21	<13	PASS
		1	49	5.84	<13	PASS
		25	0	6.6	<13	PASS
		25	12	6.75	<13	PASS

		25	25	6.52	<13	PASS
		50	0	6.63	<13	PASS
	MCH	1	0	5.79	<13	PASS
		1	24	6.07	<13	PASS
		1	49	5.73	<13	PASS
		25	0	6.73	<13	PASS
		25	12	6.59	<13	PASS
		25	25	6.51	<13	PASS
		50	0	6.58	<13	PASS
		HCH	1	0	5.81	<13
	1		24	5.87	<13	PASS
	1		49	5.62	<13	PASS
	25		0	6.74	<13	PASS
	25		12	6.66	<13	PASS
	25		25	6.53	<13	PASS
	50		0	6.53	<13	PASS

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



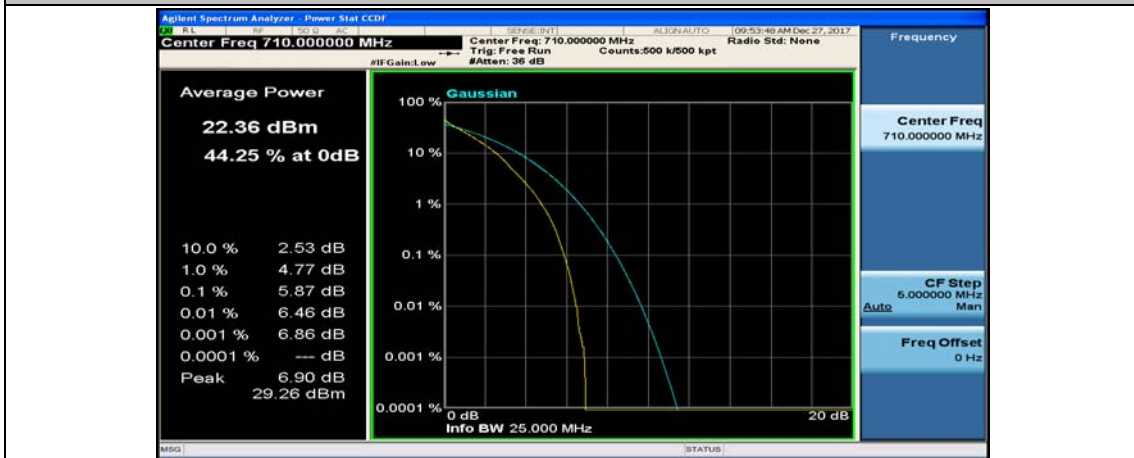
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



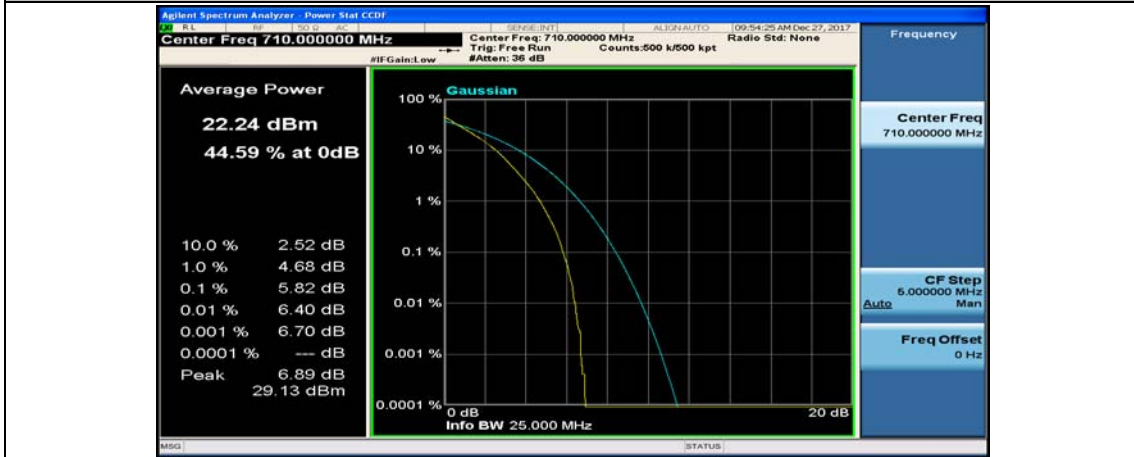
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(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



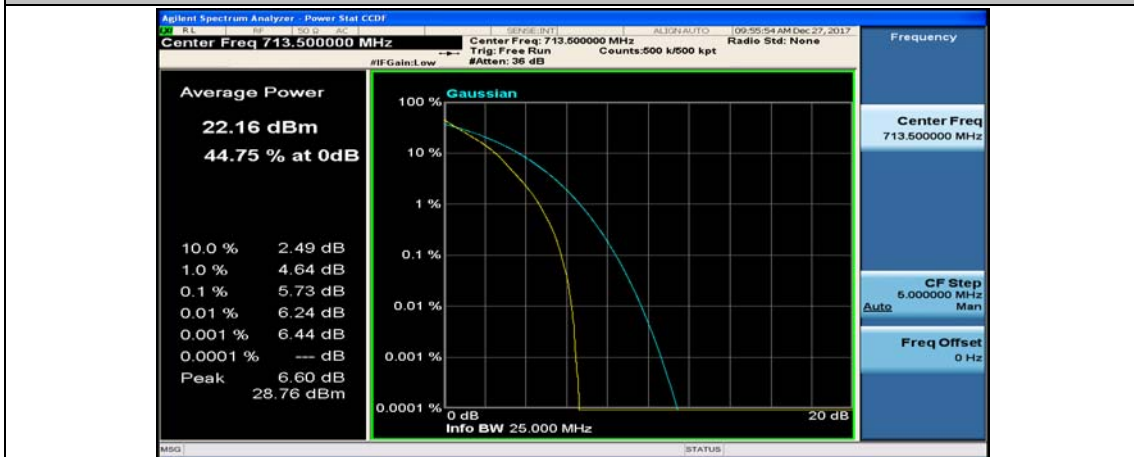
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



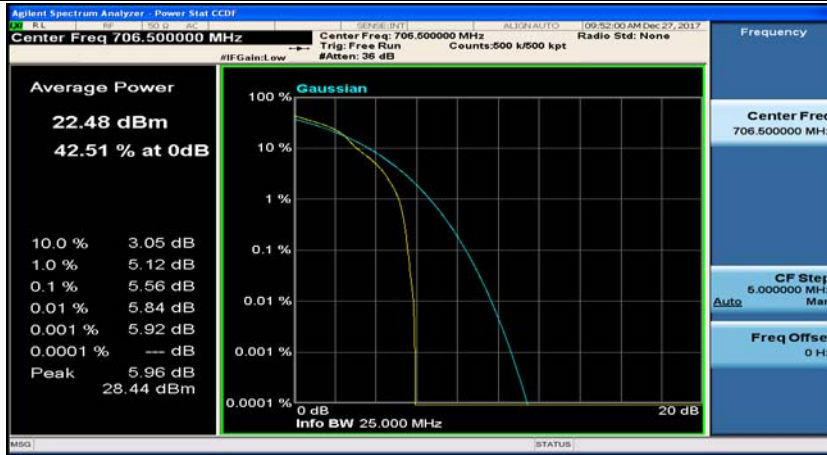
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



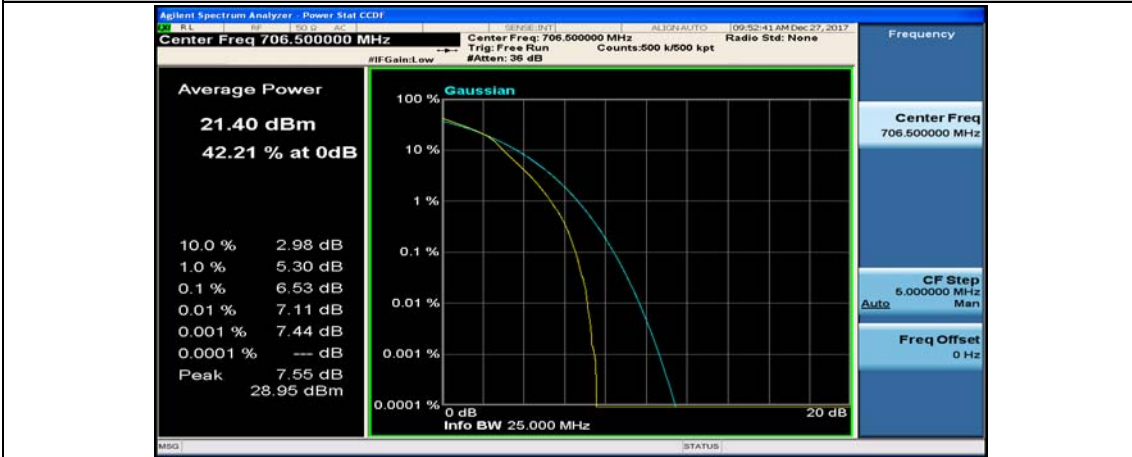
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



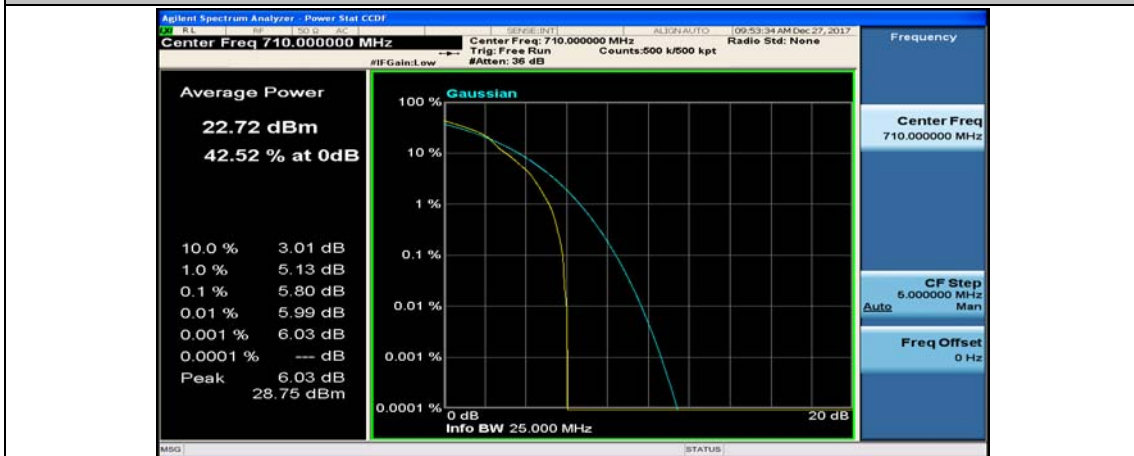
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



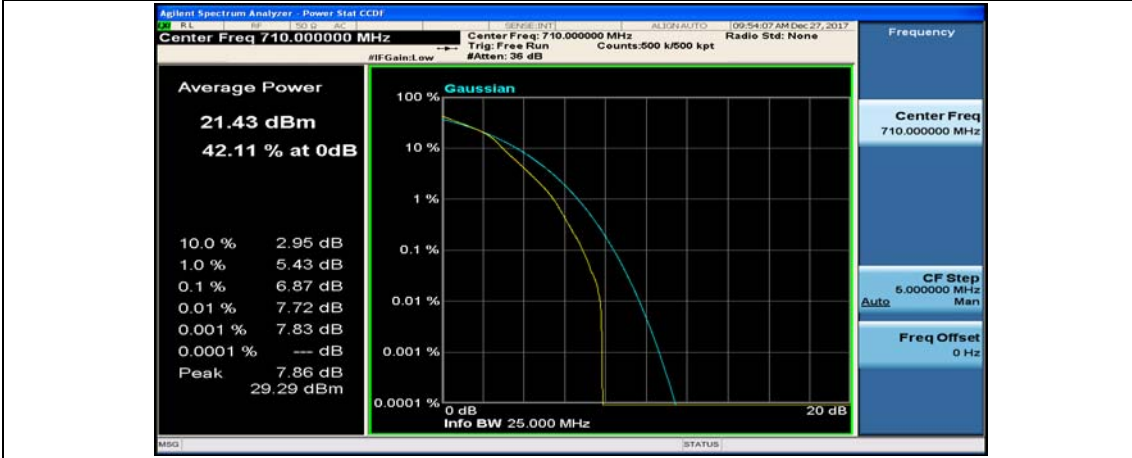
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



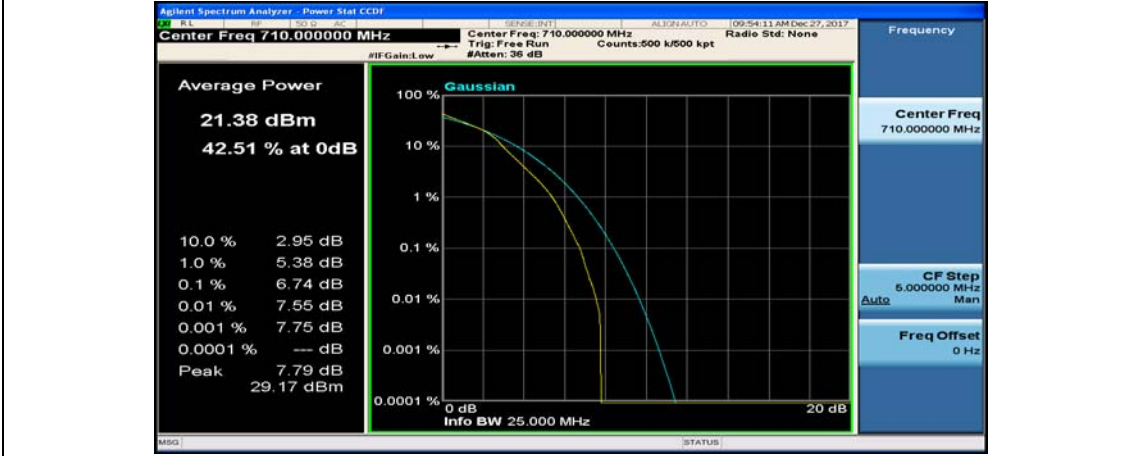
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(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



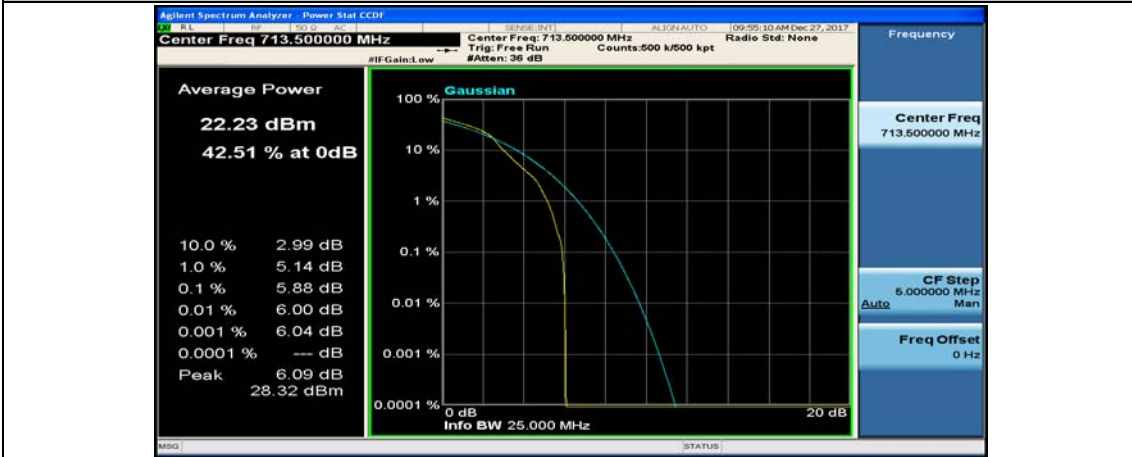
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



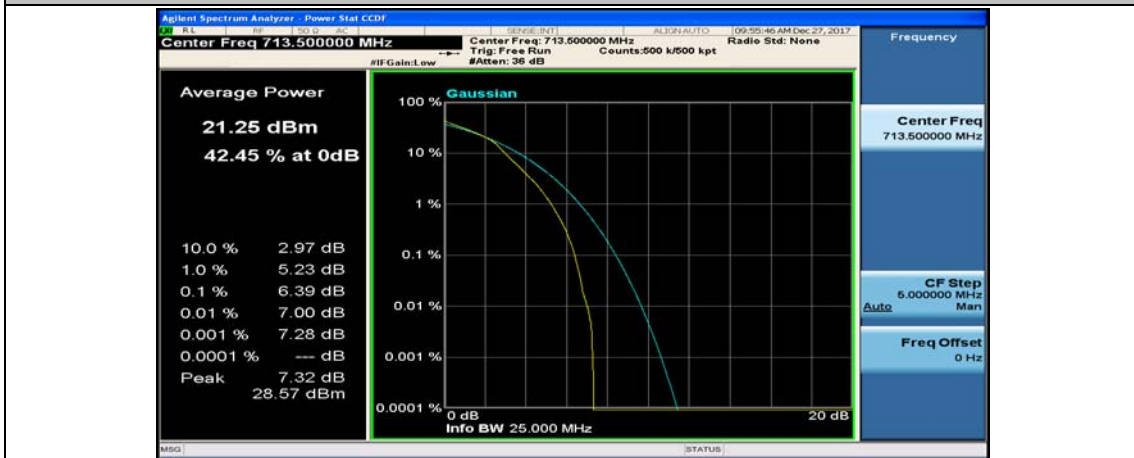
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



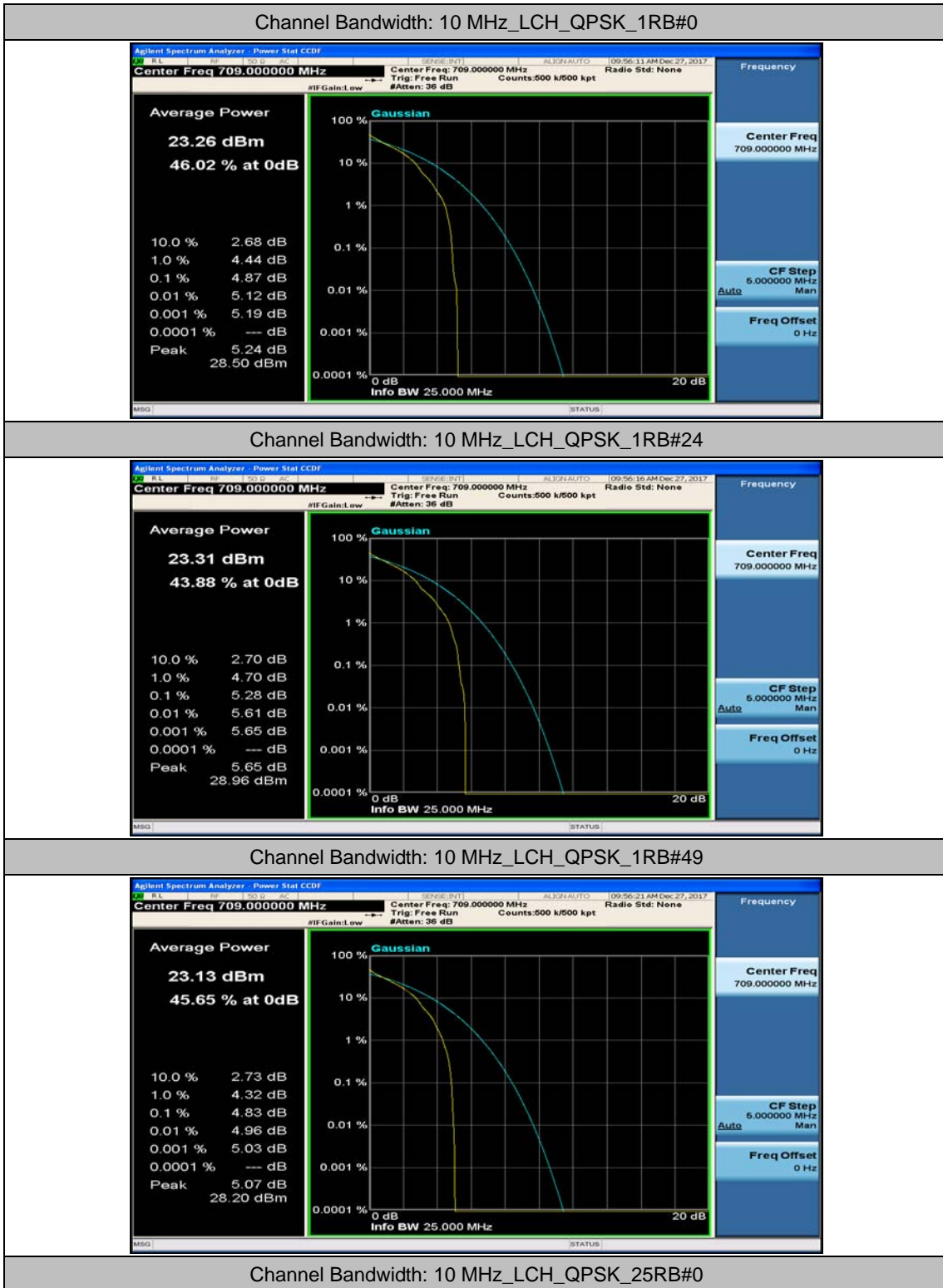
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

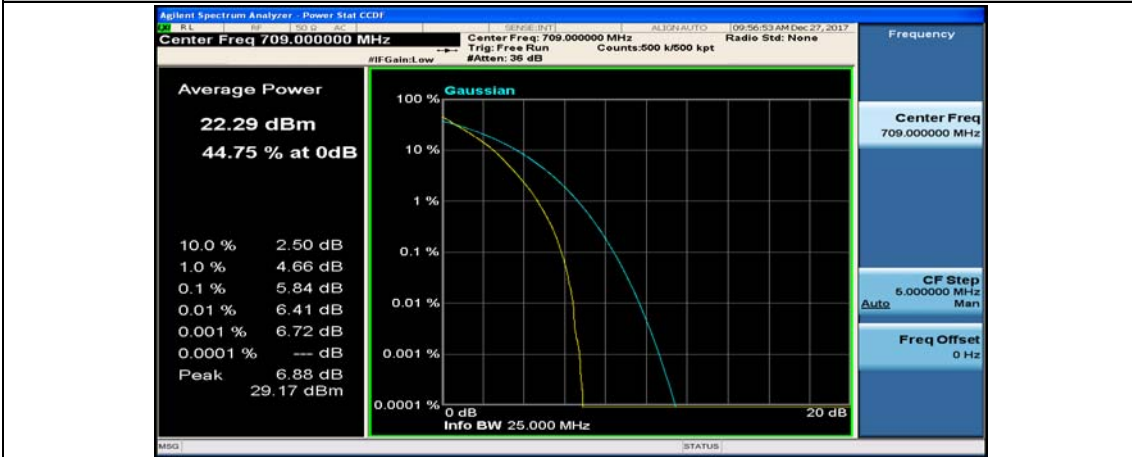


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



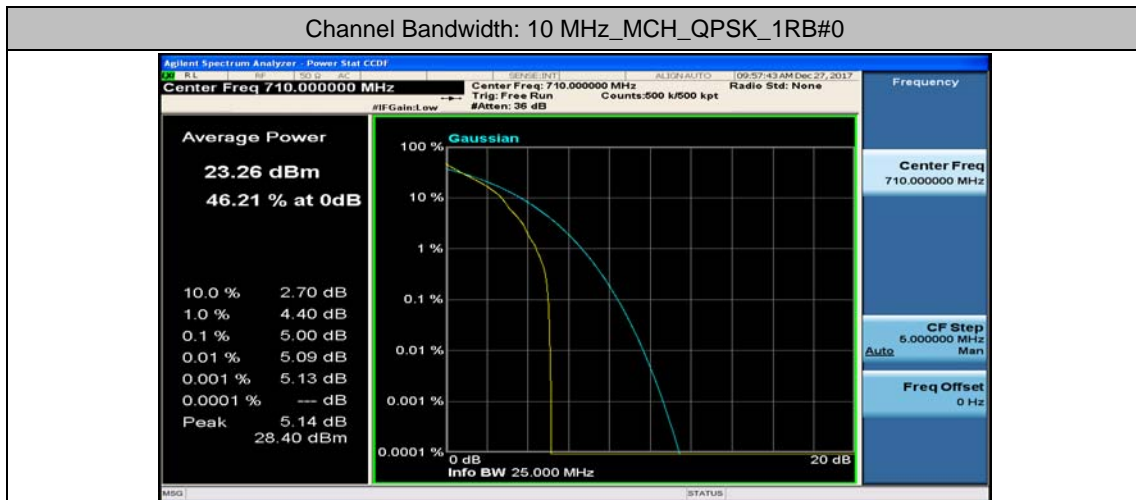
Channel Bandwidth: 10 MHz







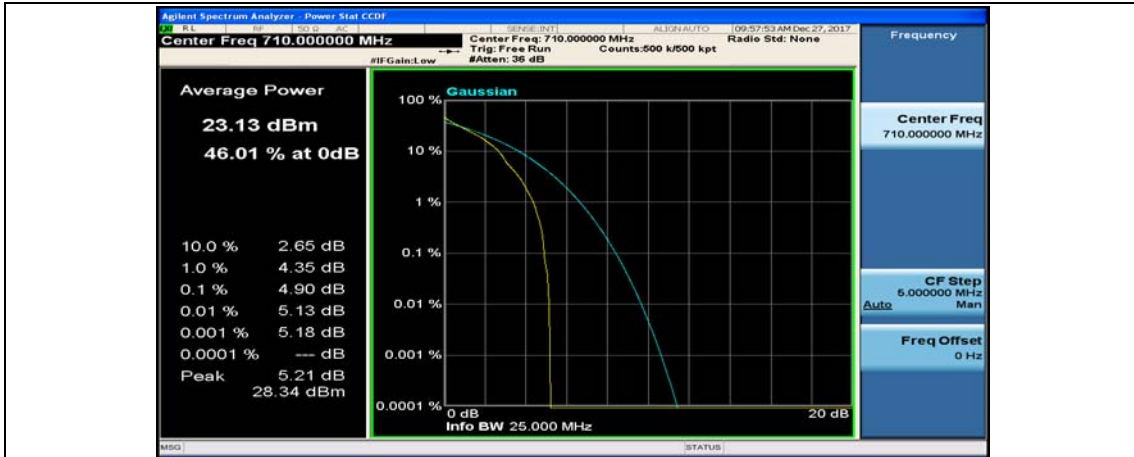
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



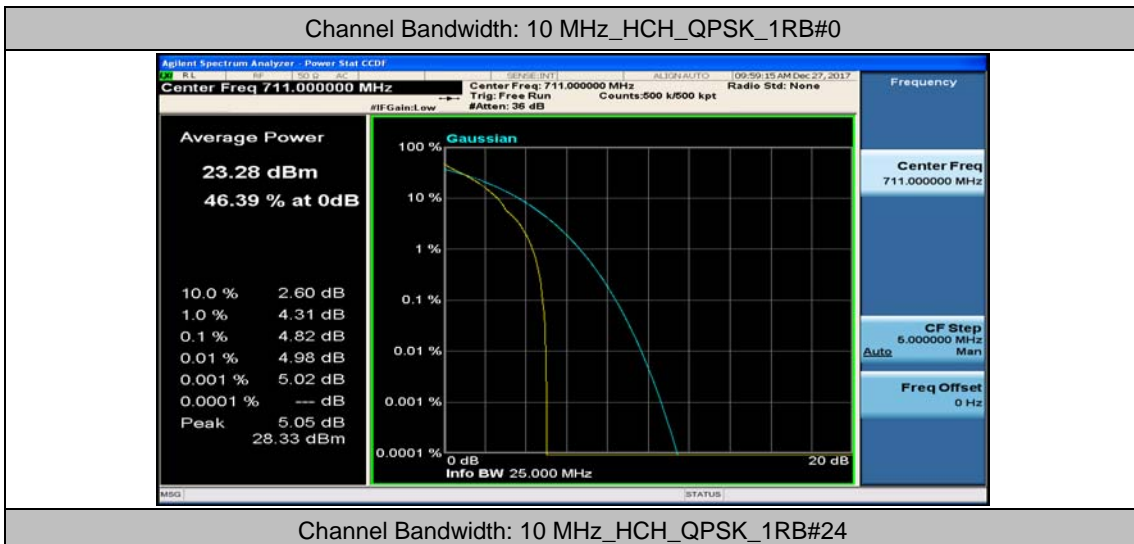
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



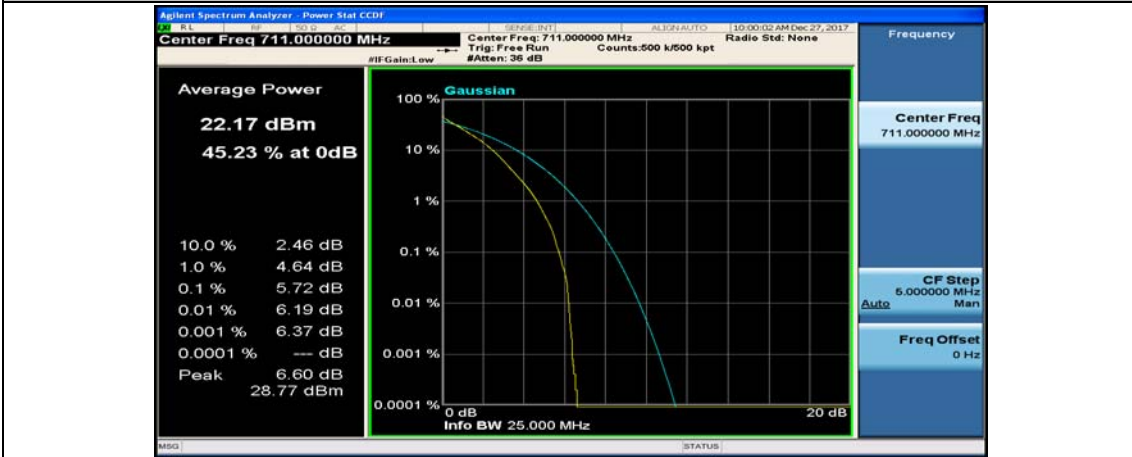
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



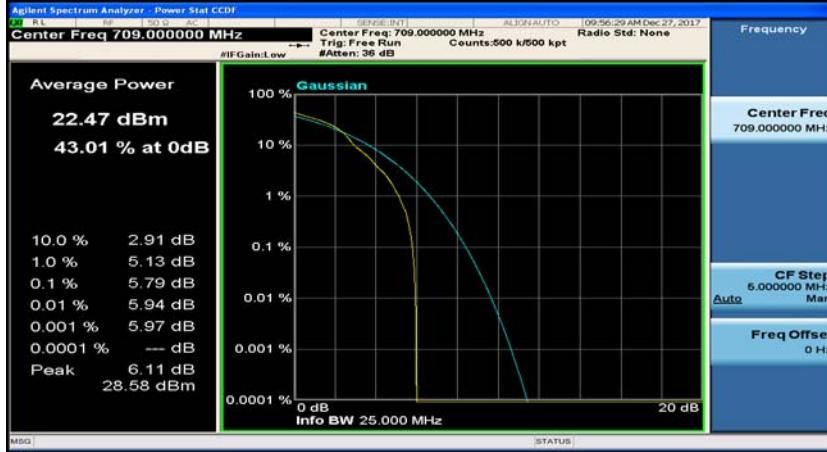
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



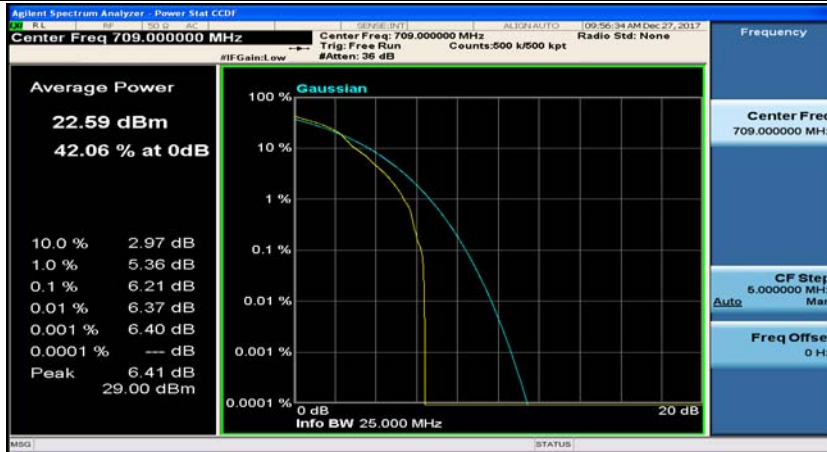




Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



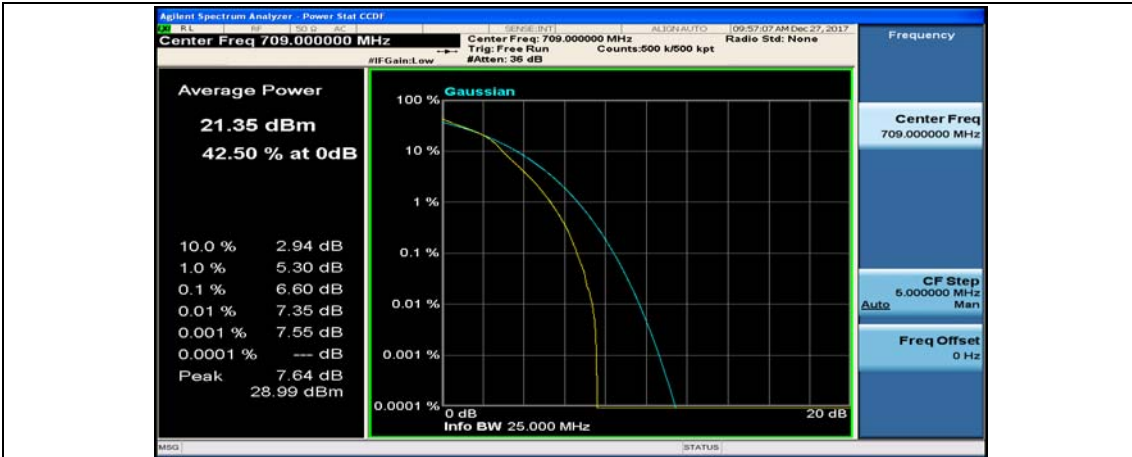
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



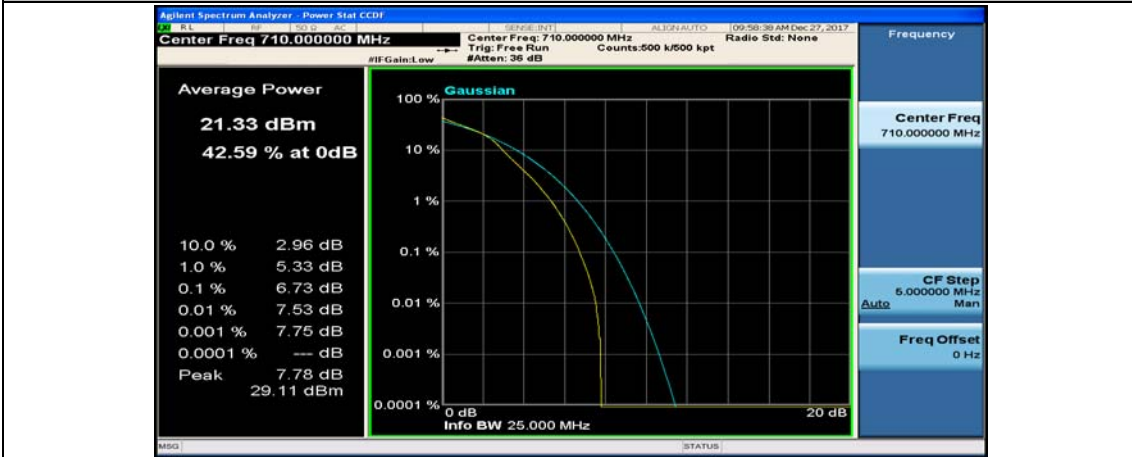
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



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



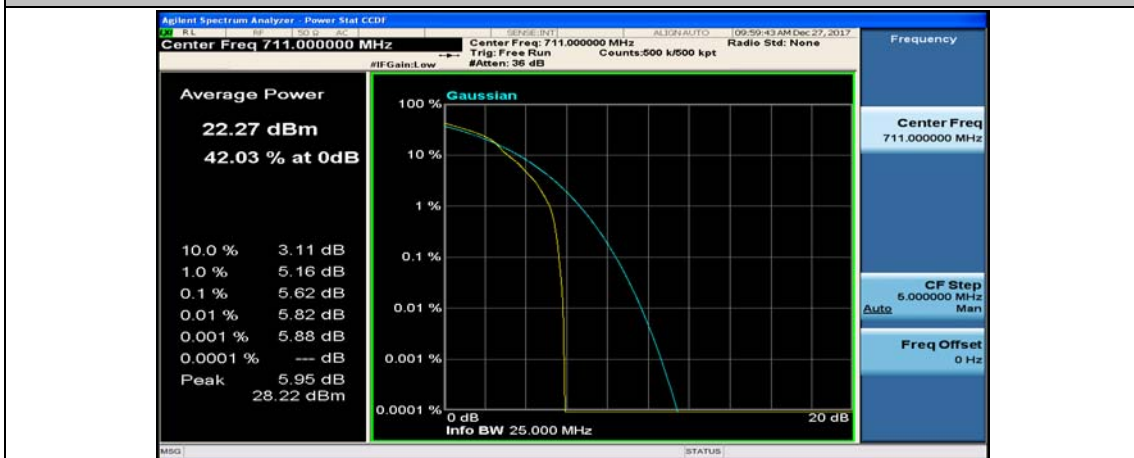
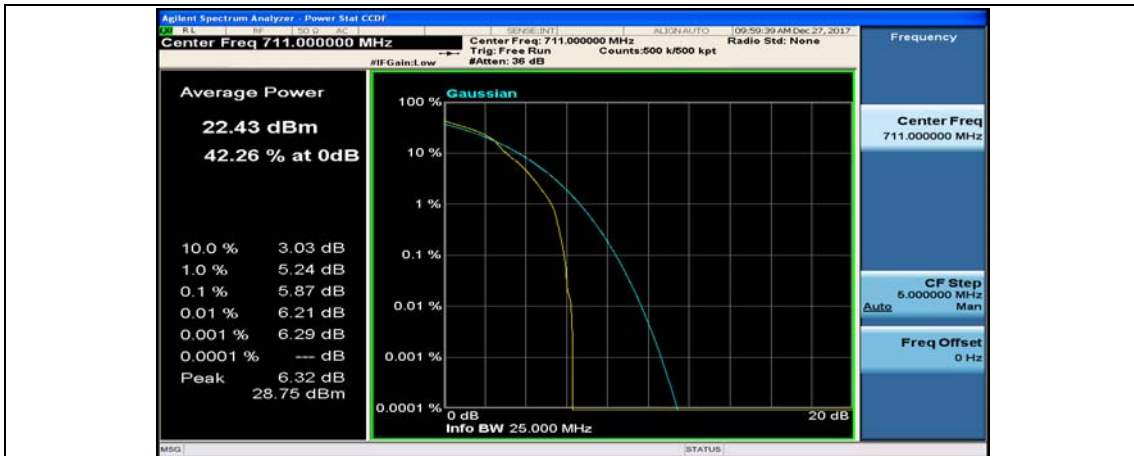
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

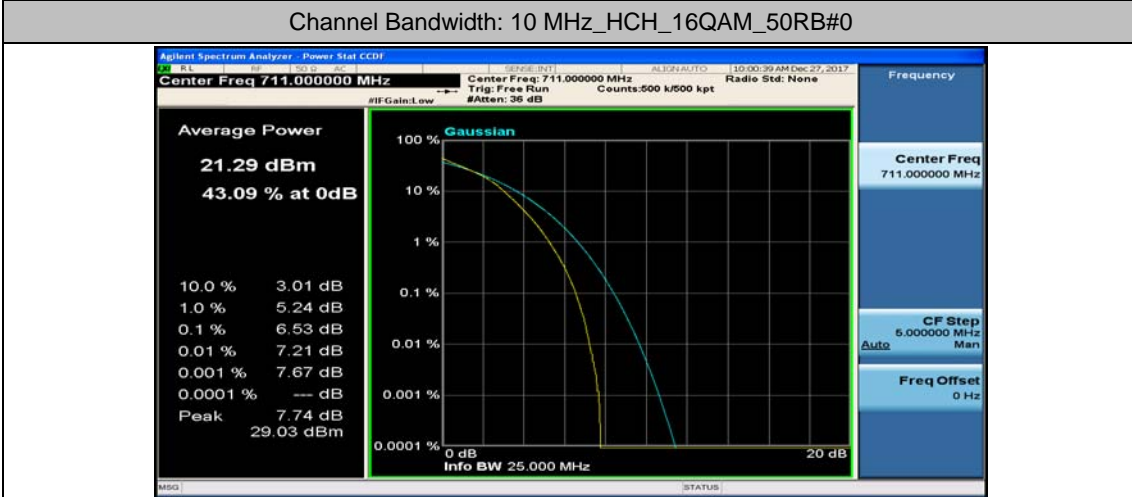
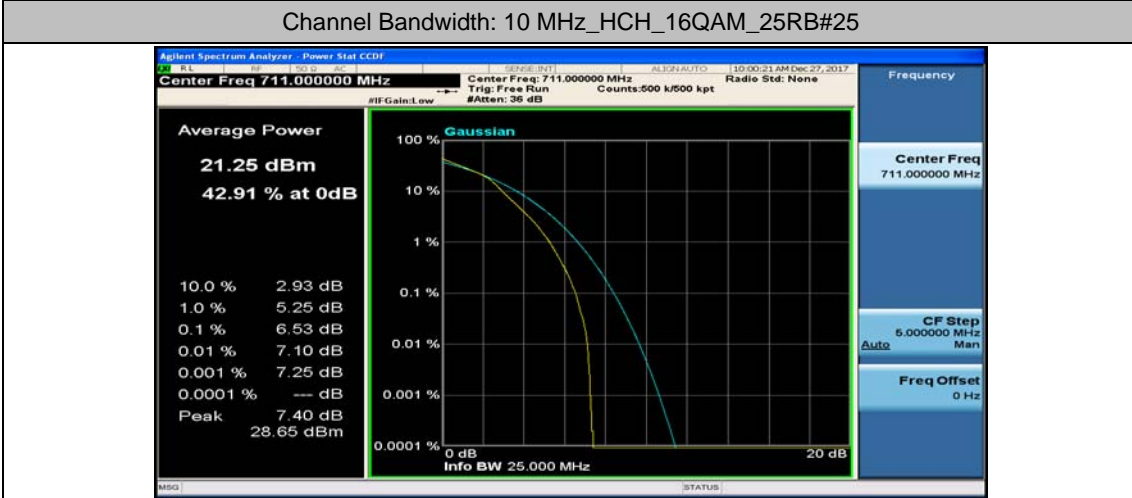


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

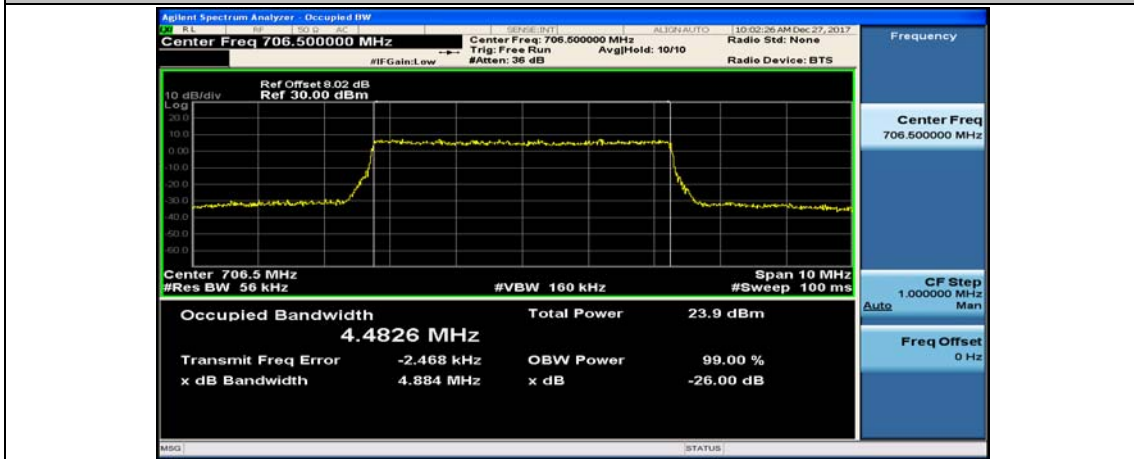
Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4875	4.810	PASS
	MCH	25	0	4.4751	4.827	PASS
	HCH	25	0	4.4846	4.849	PASS
16QAM	LCH	25	0	4.4826	4.884	PASS
	MCH	25	0	4.4859	4.796	PASS
	HCH	25	0	4.4838	4.811	PASS

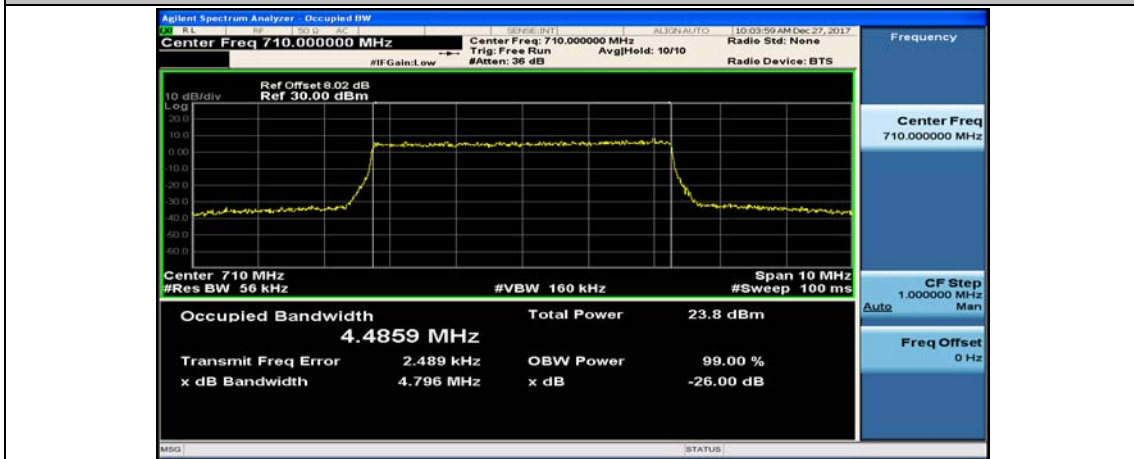
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9551	9.533	PASS
	MCH	50	0	8.9427	9.445	PASS
	HCH	50	0	8.9341	9.459	PASS
16QAM	LCH	50	0	8.9483	9.380	PASS
	MCH	50	0	8.9314	9.485	PASS
	HCH	50	0	8.9239	9.440	PASS

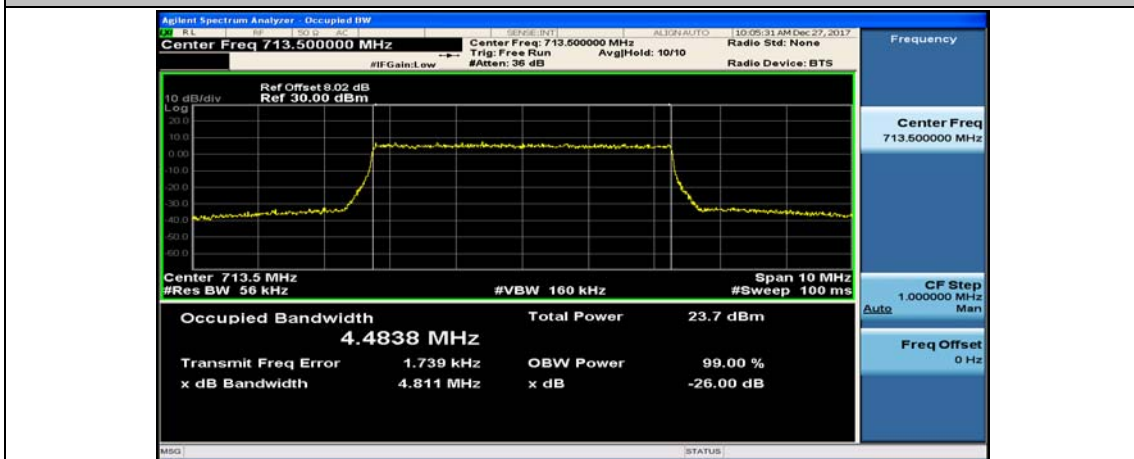
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

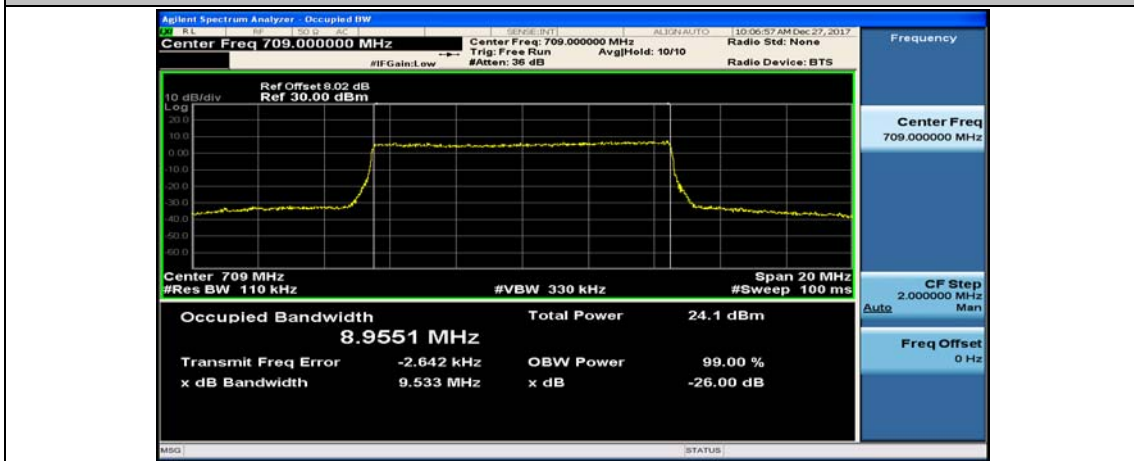


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

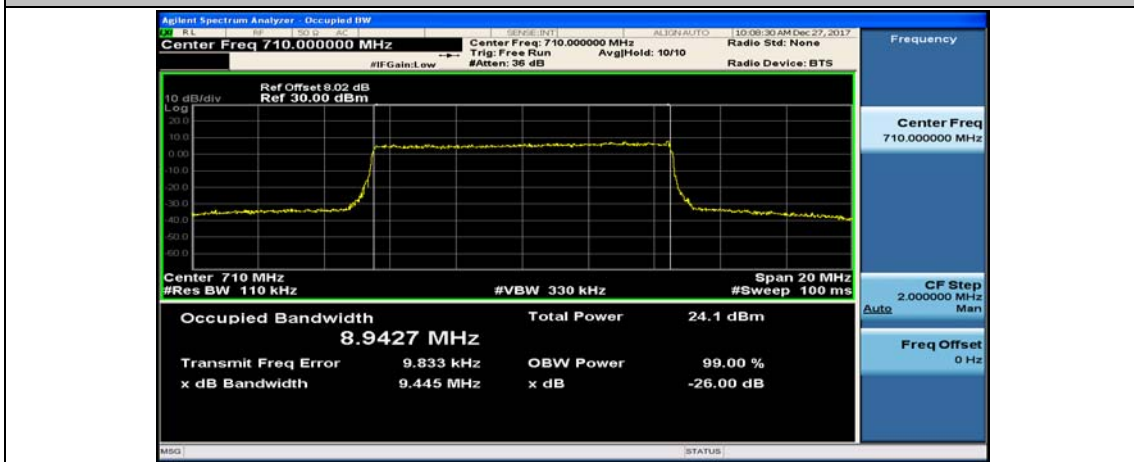


Channel Bandwidth: 10 MHz

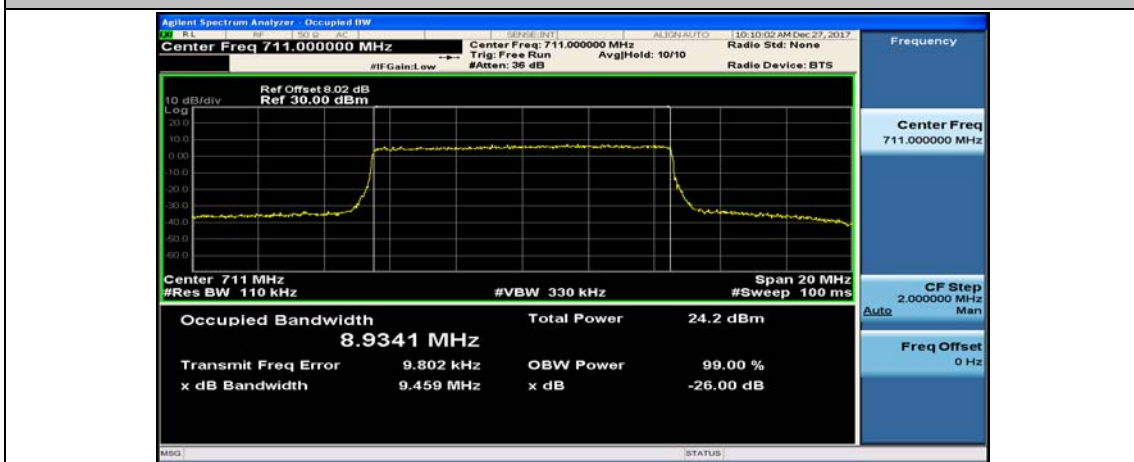
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



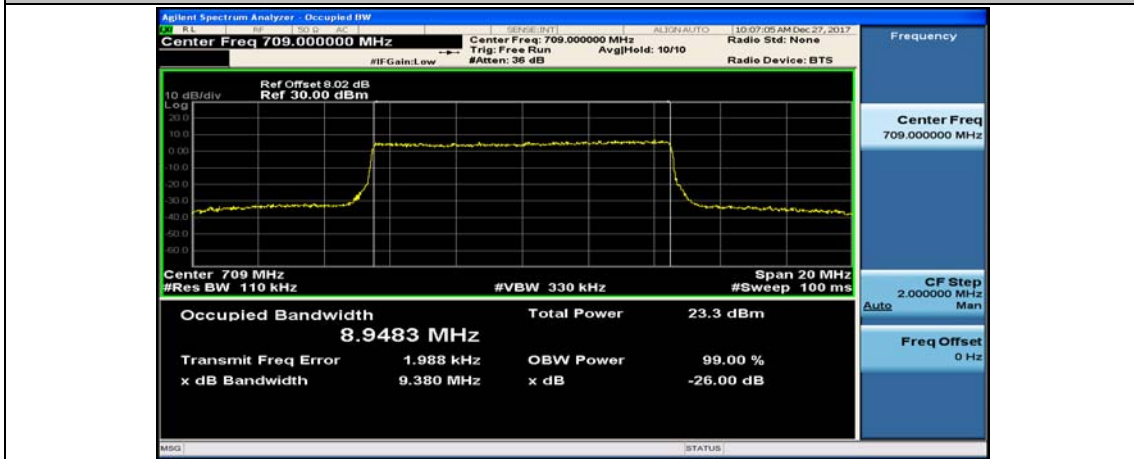
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



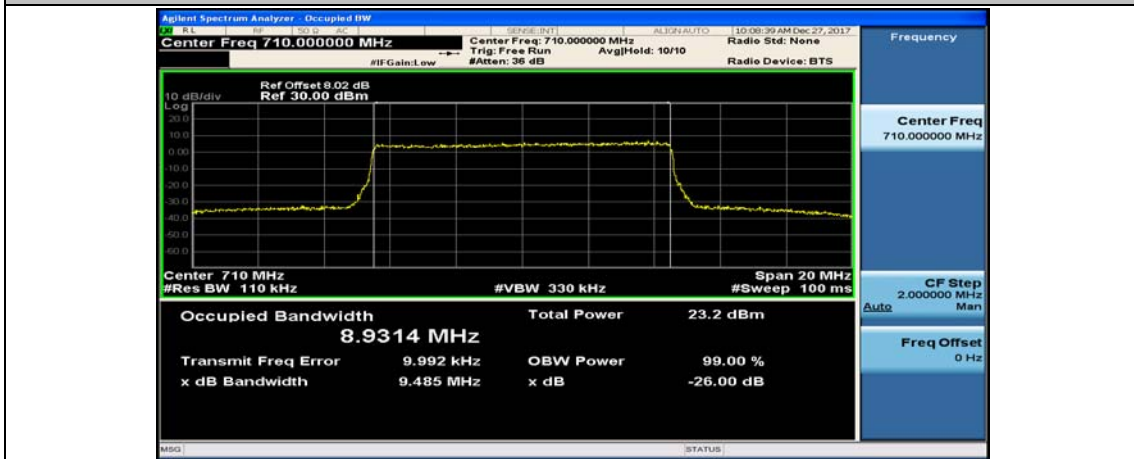
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



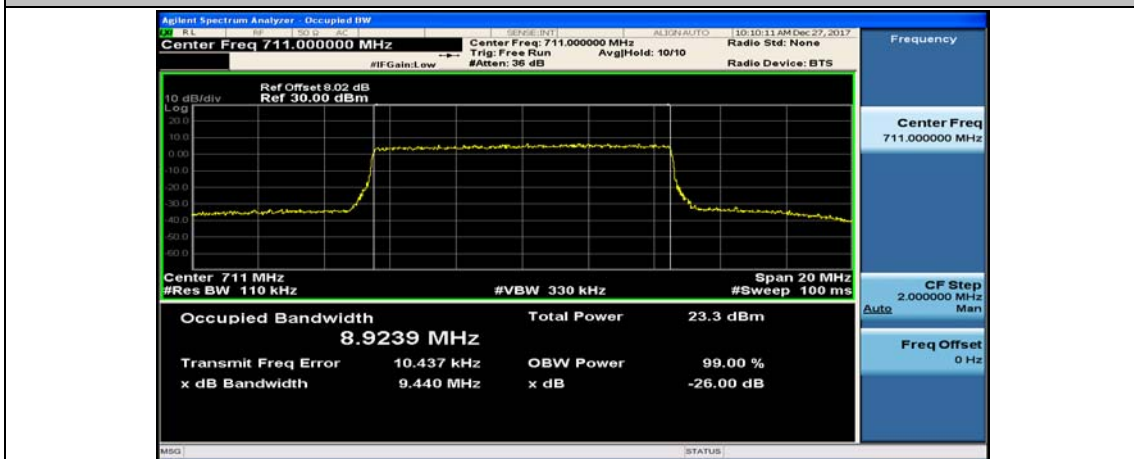
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

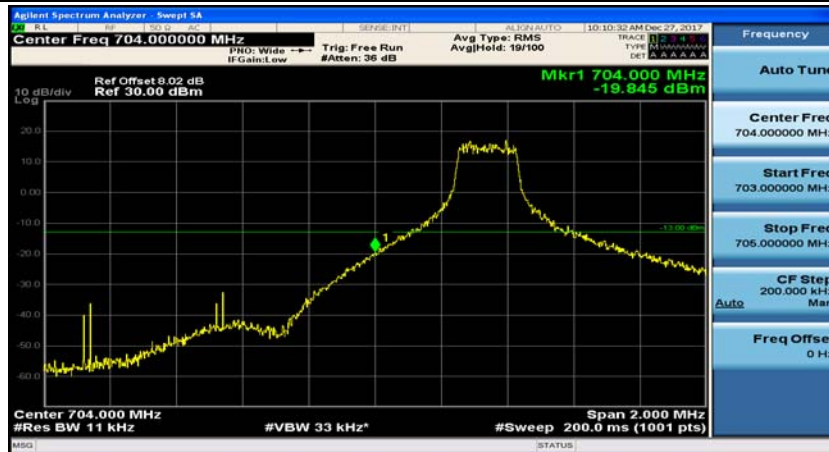


Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz

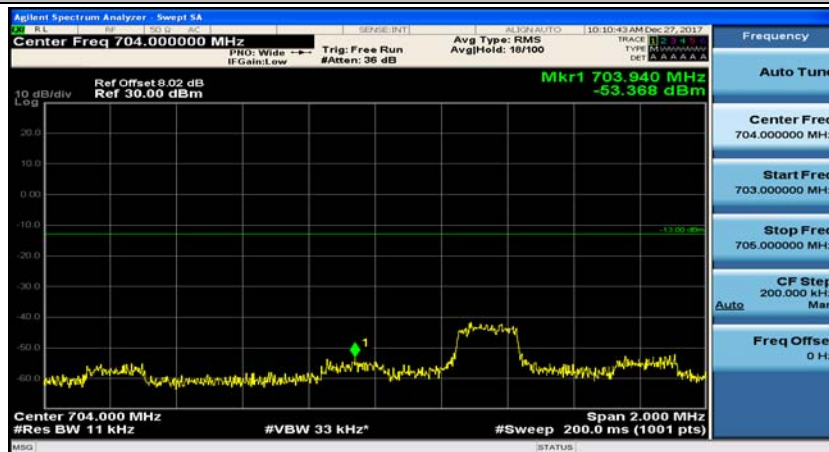
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



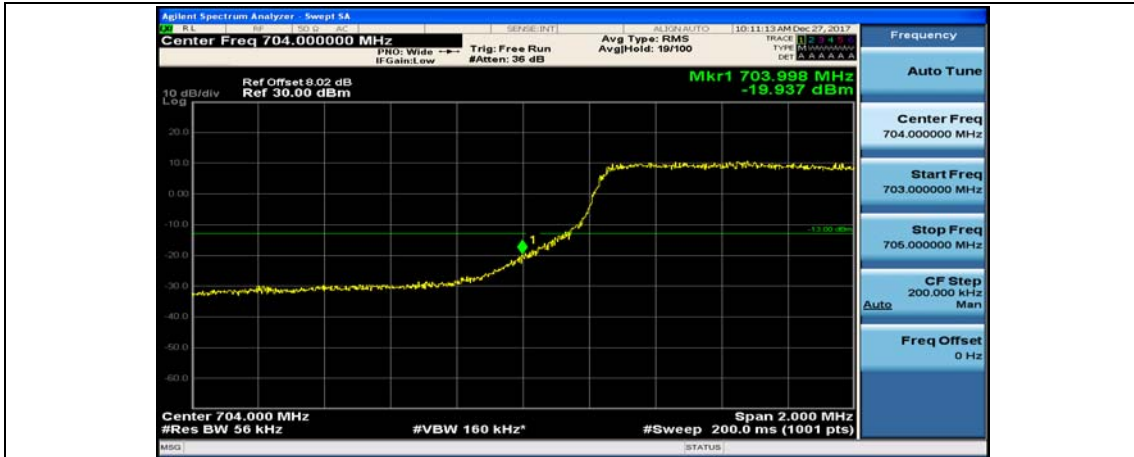
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



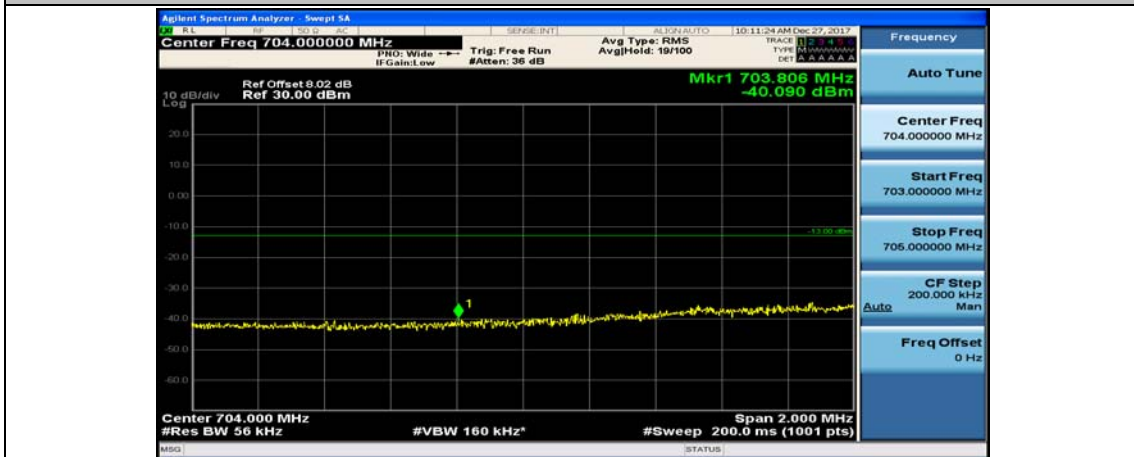
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



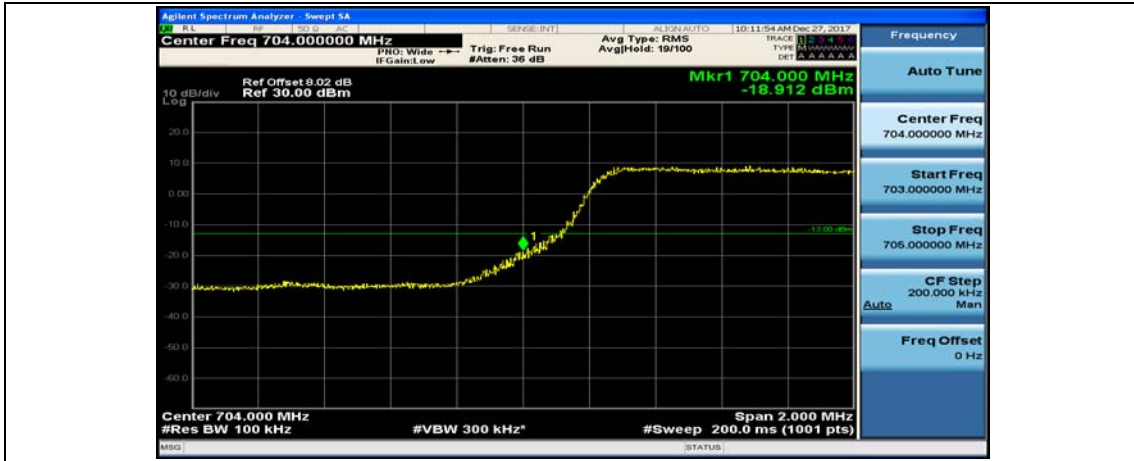
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



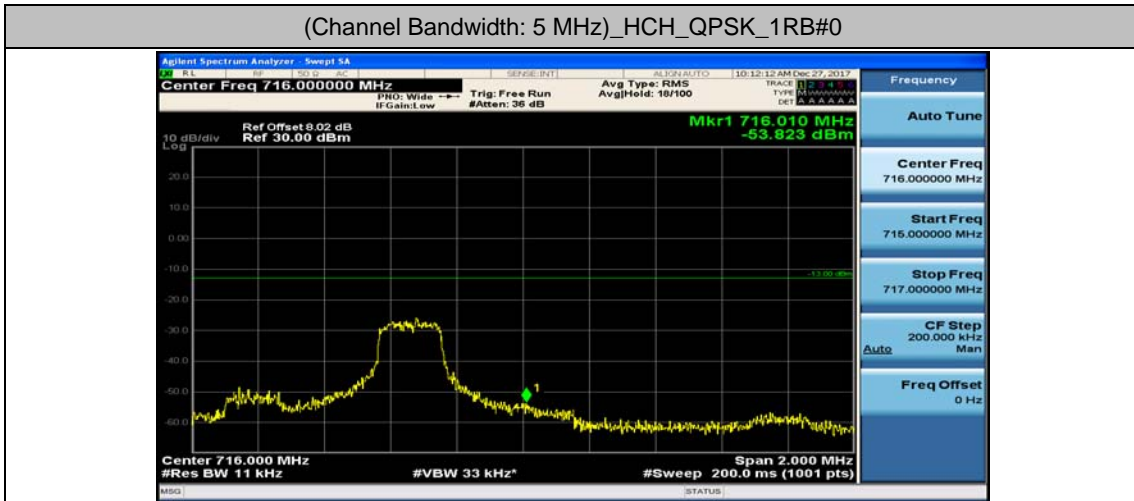
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



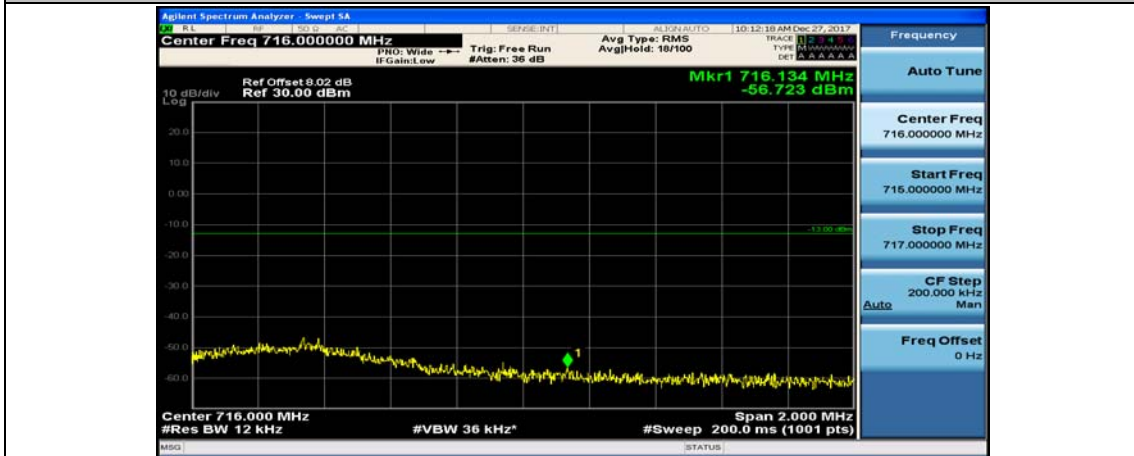
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(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



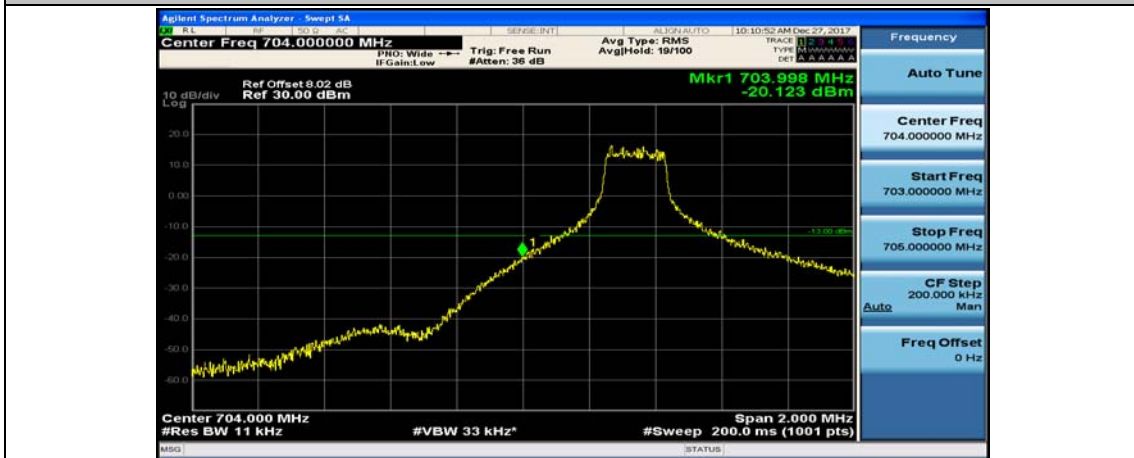
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



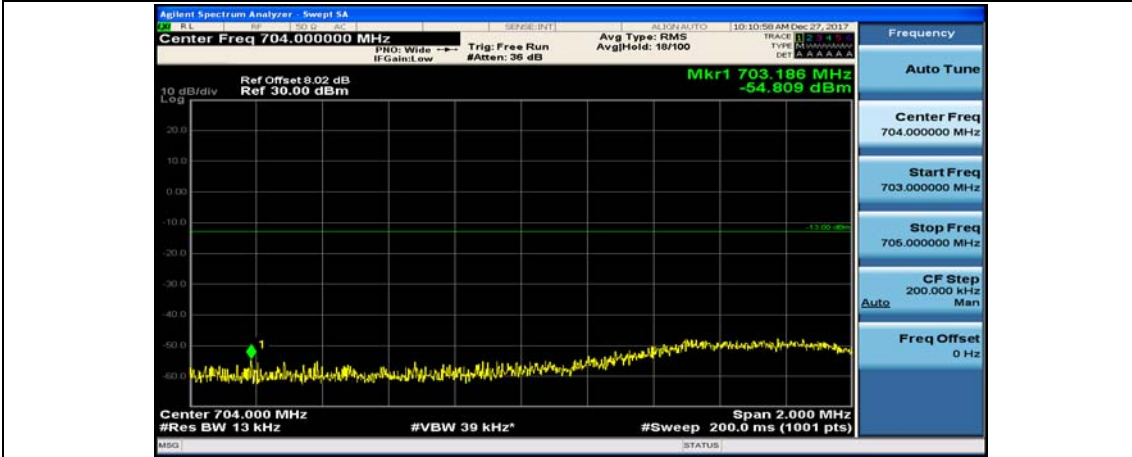
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



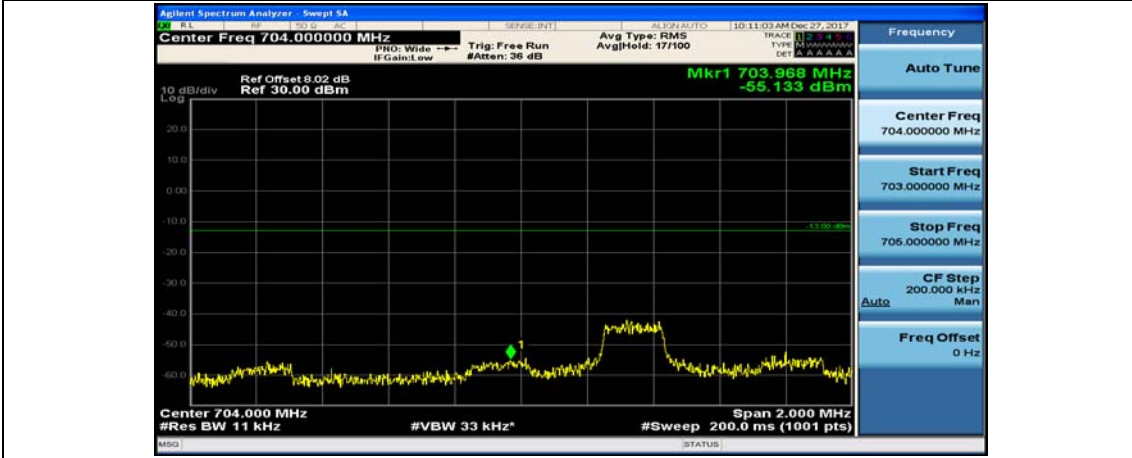
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



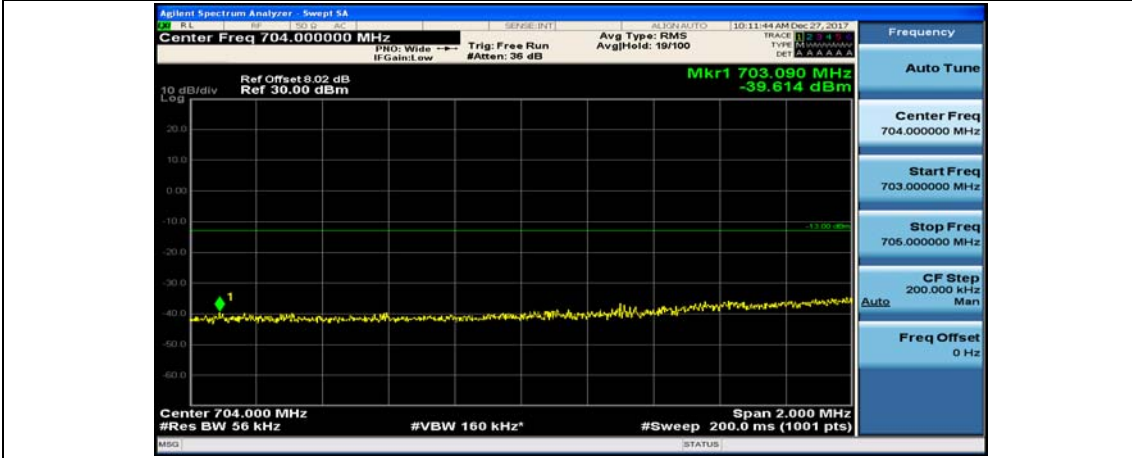
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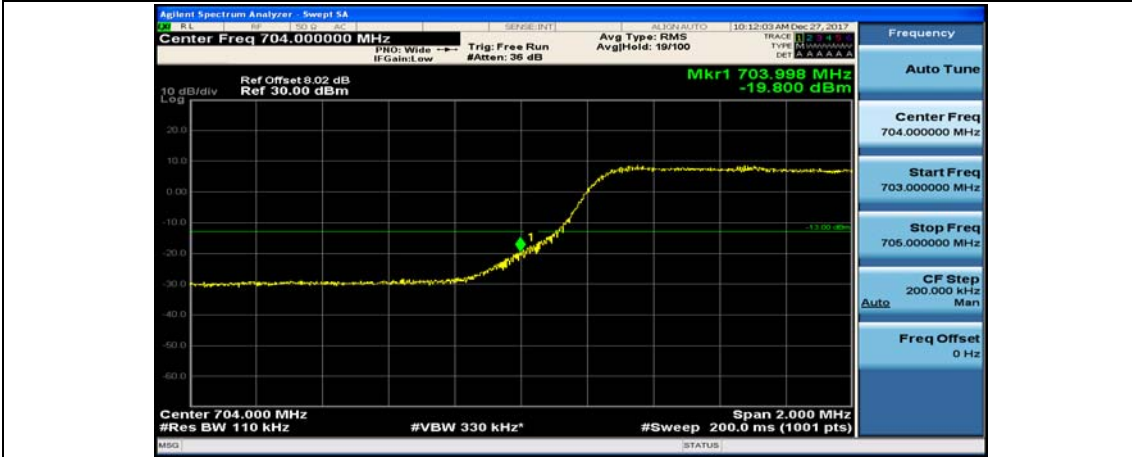
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



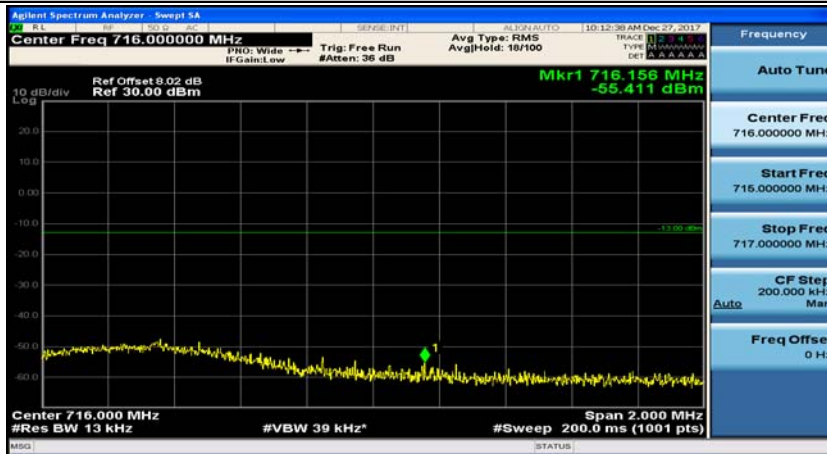
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



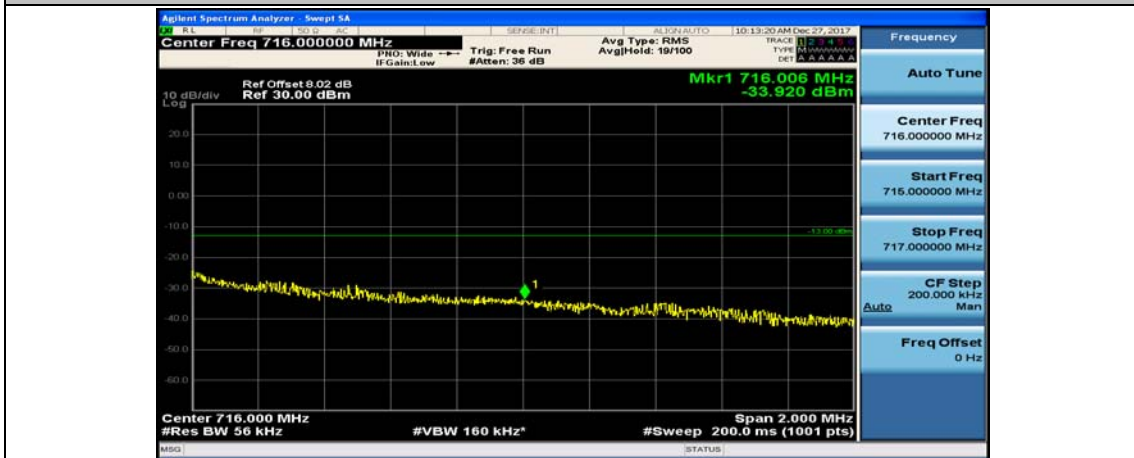
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



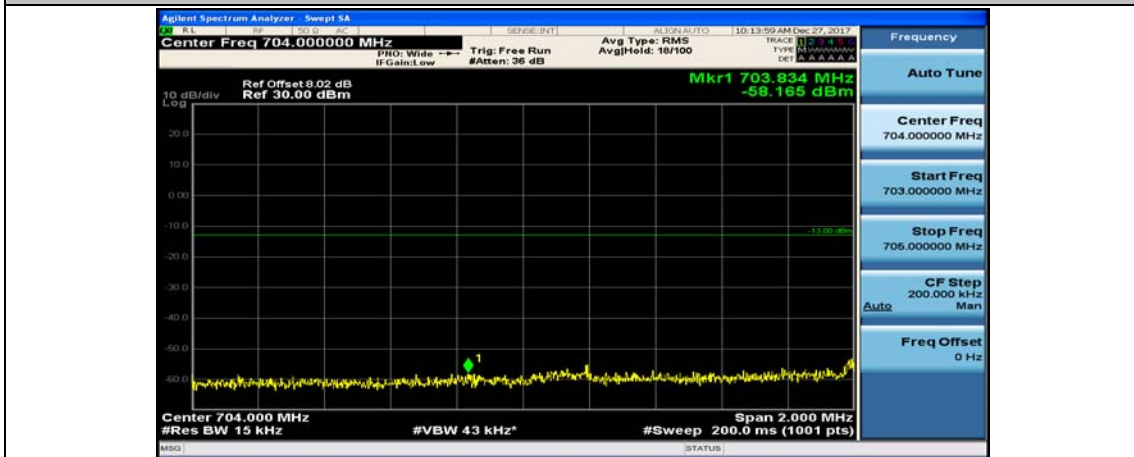
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



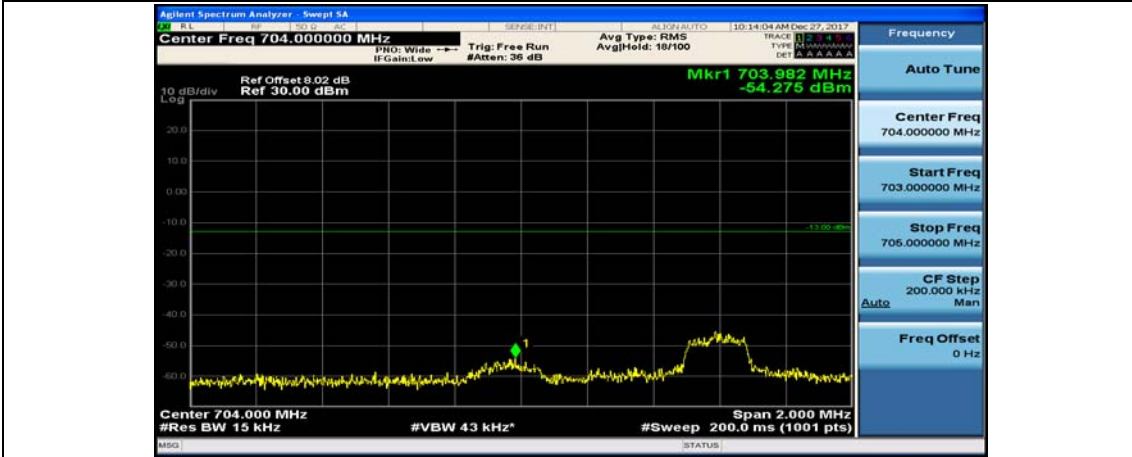
Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



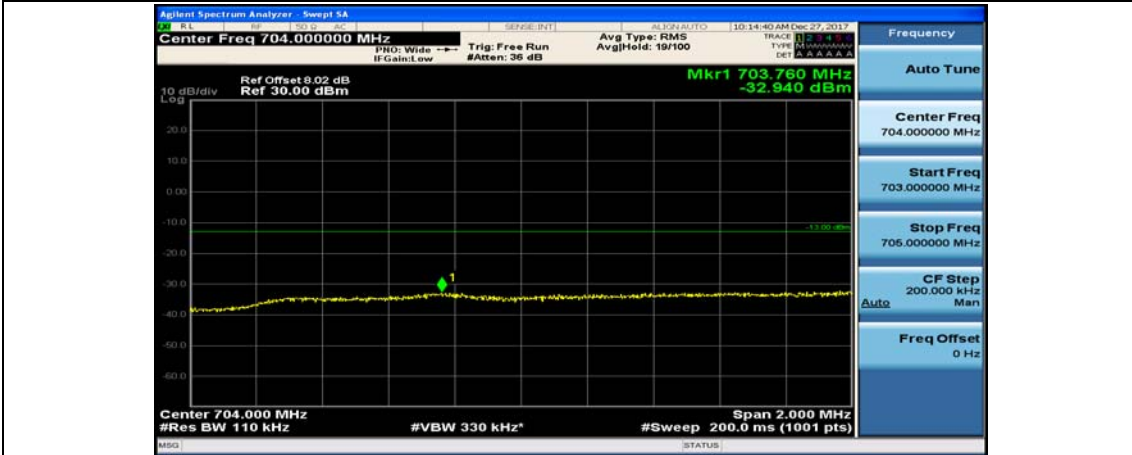
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25