

Appendix for Band 17

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.42	PASS
		1	12	24.38	PASS
		1	24	24.30	PASS
		12	0	23.46	PASS
		12	6	23.42	PASS
		12	13	23.41	PASS
		25	0	23.45	PASS
	MCH	1	0	24.26	PASS
		1	12	24.12	PASS
		1	24	24.24	PASS
		12	0	23.32	PASS
		12	6	23.32	PASS
		12	13	23.39	PASS
		25	0	23.30	PASS
	HCH	1	0	24.37	PASS
		1	12	24.21	PASS
		1	24	23.51	PASS
		12	0	23.25	PASS
		12	6	23.21	PASS
		12	13	23.15	PASS
		25	0	23.27	PASS
16QAM	LCH	1	0	23.74	PASS
		1	12	23.67	PASS
		1	24	23.40	PASS
		12	0	22.43	PASS
		12	6	22.44	PASS
		12	13	22.44	PASS
		25	0	22.42	PASS

	MCH	1	0	23.36	PASS
		1	12	23.38	PASS
		1	24	23.47	PASS
		12	0	22.55	PASS
		12	6	22.49	PASS
		12	13	22.54	PASS
		25	0	22.30	PASS
	HCH	1	0	22.88	PASS
		1	12	22.79	PASS
		1	24	22.58	PASS
		12	0	22.26	PASS
		12	6	22.19	PASS
		12	13	22.20	PASS
		25	0	22.34	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.23	PASS
		1	24	24.09	PASS
		1	49	24.13	PASS
		25	0	23.37	PASS
		25	12	23.09	PASS
		25	25	23.21	PASS
		50	0	23.26	PASS
	MCH	1	0	23.94	PASS
		1	24	23.88	PASS
		1	49	23.93	PASS
		25	0	23.29	PASS
		25	12	23.21	PASS
		25	25	23.24	PASS
		50	0	23.29	PASS
	HCH	1	0	24.18	PASS
		1	24	24.02	PASS
		1	49	23.52	PASS
		25	0	23.30	PASS
		25	12	23.27	PASS
		25	25	23.28	PASS
		50	0	23.30	PASS
16QAM	LCH	1	0	23.56	PASS
		1	24	23.60	PASS

		1	49	23.43	PASS
		25	0	22.31	PASS
		25	12	22.24	PASS
		25	25	22.19	PASS
		50	0	22.25	PASS
	MCH	1	0	23.28	PASS
		1	24	23.41	PASS
		1	49	23.27	PASS
		25	0	22.28	PASS
		25	12	22.18	PASS
		25	25	22.22	PASS
		50	0	22.34	PASS
	HCH	1	0	23.77	PASS
		1	24	23.43	PASS
		1	49	22.97	PASS
		25	0	22.35	PASS
		25	12	22.32	PASS
		25	25	22.35	PASS
		50	0	22.40	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	4.43	<13	PASS
		1	12	4.16	<13	PASS
		1	24	3.97	<13	PASS
		12	0	5.02	<13	PASS
		12	6	4.76	<13	PASS
		12	13	4.74	<13	PASS
		25	0	5.13	<13	PASS
	MCH	1	0	4.11	<13	PASS
		1	12	3.91	<13	PASS
		1	24	3.93	<13	PASS
		12	0	4.69	<13	PASS
		12	6	4.59	<13	PASS
		12	13	4.63	<13	PASS
		25	0	4.98	<13	PASS
	HCH	1	0	3.88	<13	PASS
		1	12	4.18	<13	PASS
		1	24	4.69	<13	PASS
		12	0	4.7	<13	PASS
		12	6	4.67	<13	PASS
		12	13	4.8	<13	PASS
		25	0	4.95	<13	PASS
16QAM	LCH	1	0	5.27	<13	PASS
		1	12	4.92	<13	PASS
		1	24	5.03	<13	PASS
		12	0	5.75	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.9	<13	PASS
	MCH	1	0	5.11	<13	PASS
		1	12	4.86	<13	PASS
		1	24	4.86	<13	PASS

		12	0	5.64	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.54	<13	PASS
		25	0	5.74	<13	PASS
	HCH	1	0	4.91	<13	PASS
		1	12	5.29	<13	PASS
		1	24	5.69	<13	PASS
		12	0	5.51	<13	PASS
		12	6	5.52	<13	PASS
		12	13	5.64	<13	PASS
		25	0	5.77	<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	4.53	<13	PASS
		1	24	4.04	<13	PASS
		1	49	4.18	<13	PASS
		25	0	4.97	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.81	<13	PASS
		50	0	5.17	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	24	3.94	<13	PASS
		1	49	4.42	<13	PASS
		25	0	4.84	<13	PASS
		25	12	4.75	<13	PASS
		25	25	4.73	<13	PASS
		50	0	5.05	<13	PASS
	HCH	1	0	4.15	<13	PASS
		1	24	3.77	<13	PASS
		1	49	4.53	<13	PASS
		25	0	4.84	<13	PASS
		25	12	4.72	<13	PASS
		25	25	4.76	<13	PASS
		50	0	5.05	<13	PASS
16QAM	LCH	1	0	5.48	<13	PASS
		1	24	4.95	<13	PASS
		1	49	5.02	<13	PASS
		25	0	5.77	<13	PASS

		25	12	5.51	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.85	<13	PASS
	MCH	1	0	5.21	<13	PASS
		1	24	4.84	<13	PASS
		1	49	5.29	<13	PASS
		25	0	5.69	<13	PASS
		25	12	5.55	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.77	<13	PASS
	HCH	1	0	4.91	<13	PASS
		1	24	4.71	<13	PASS
		1	49	5.44	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.54	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.81	<13	PASS

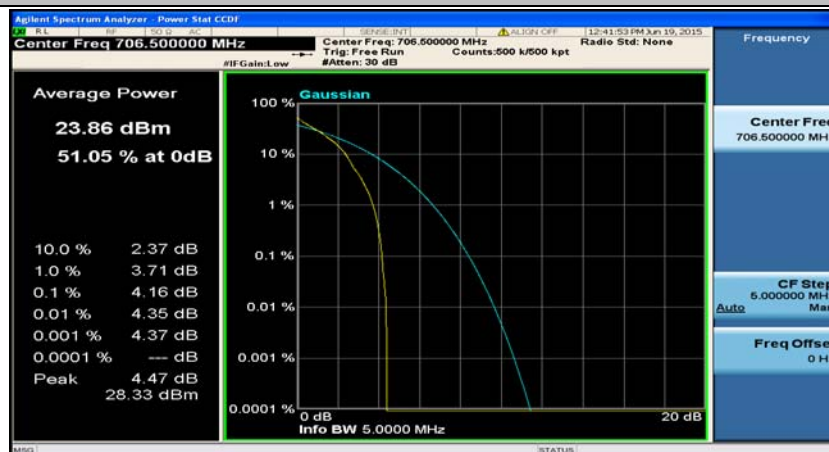
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



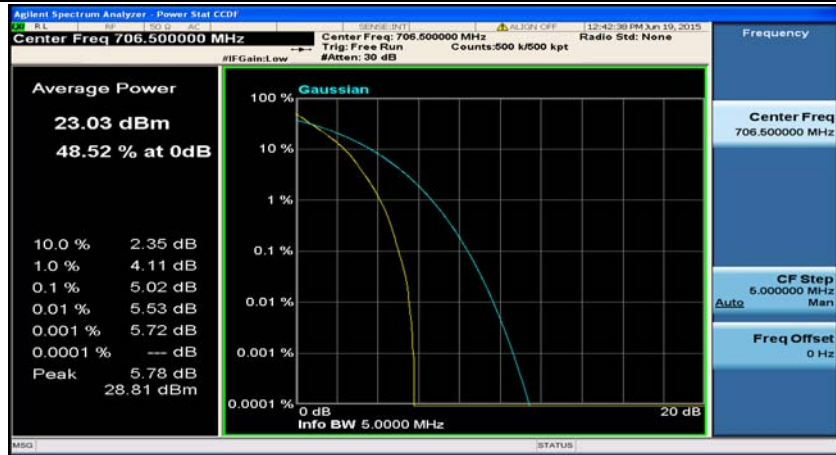
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(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)_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



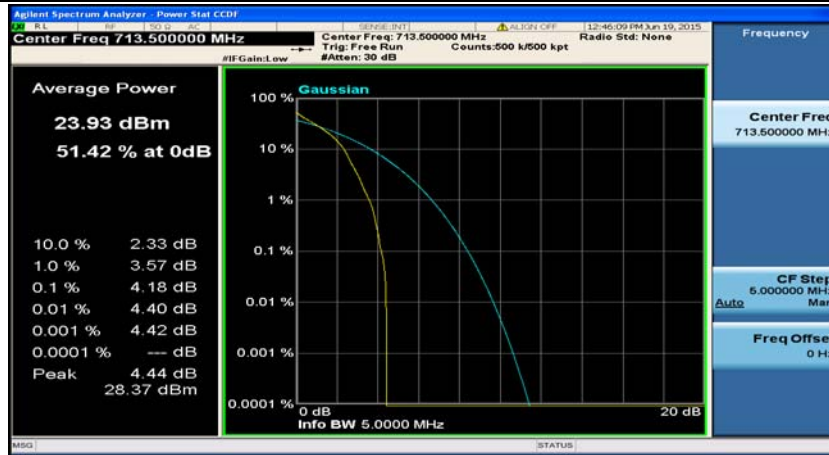
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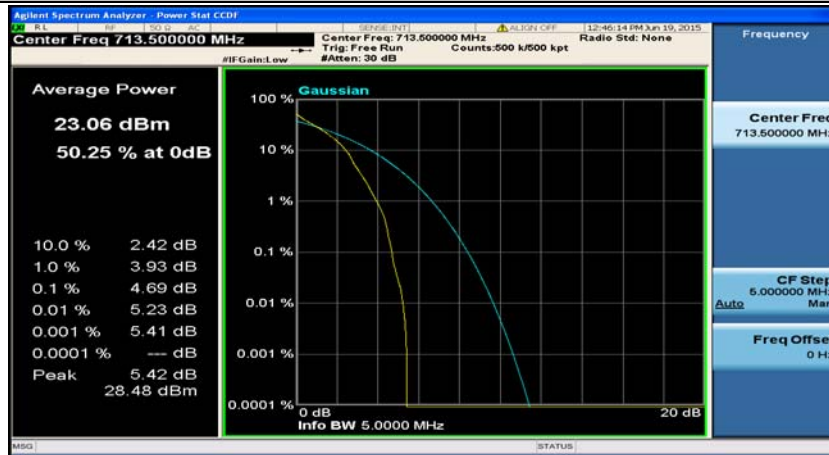
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



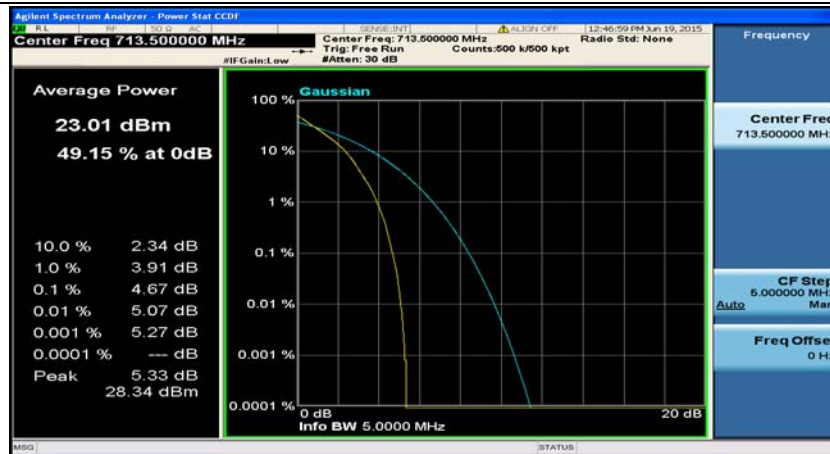
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



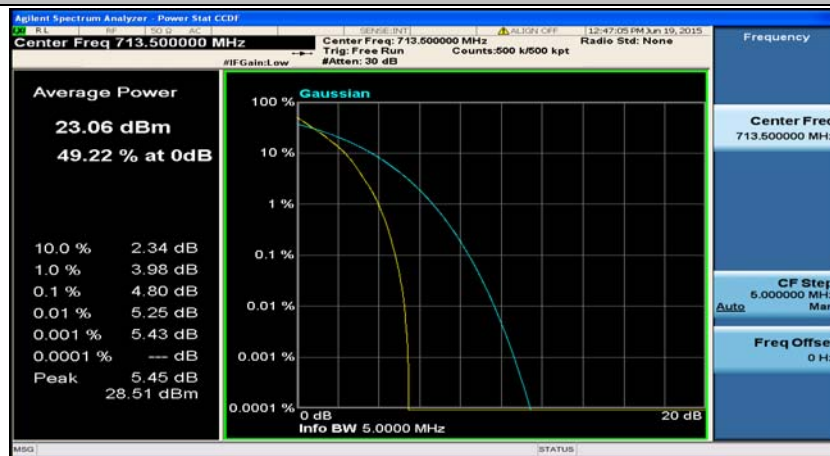
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



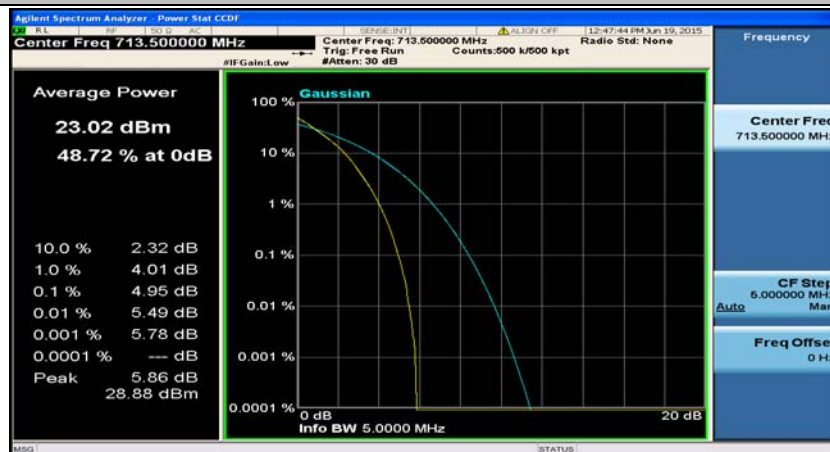
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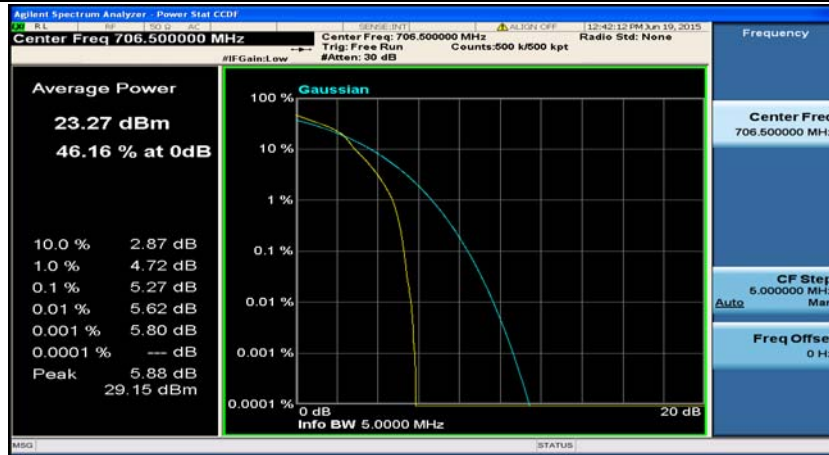
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



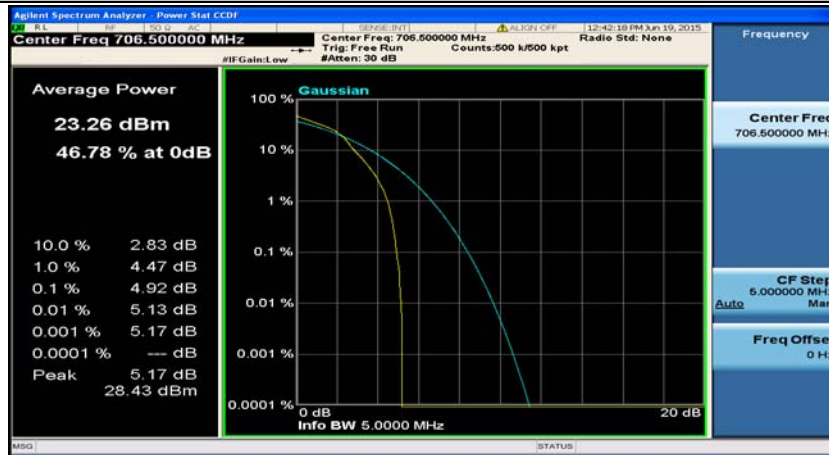
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



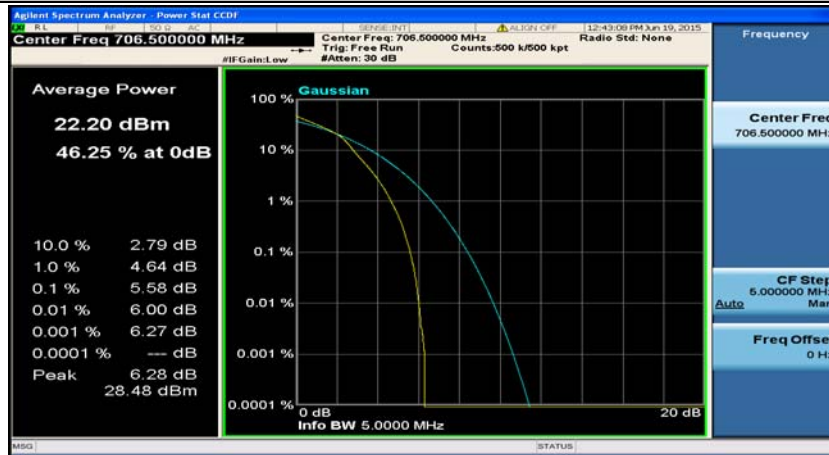
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



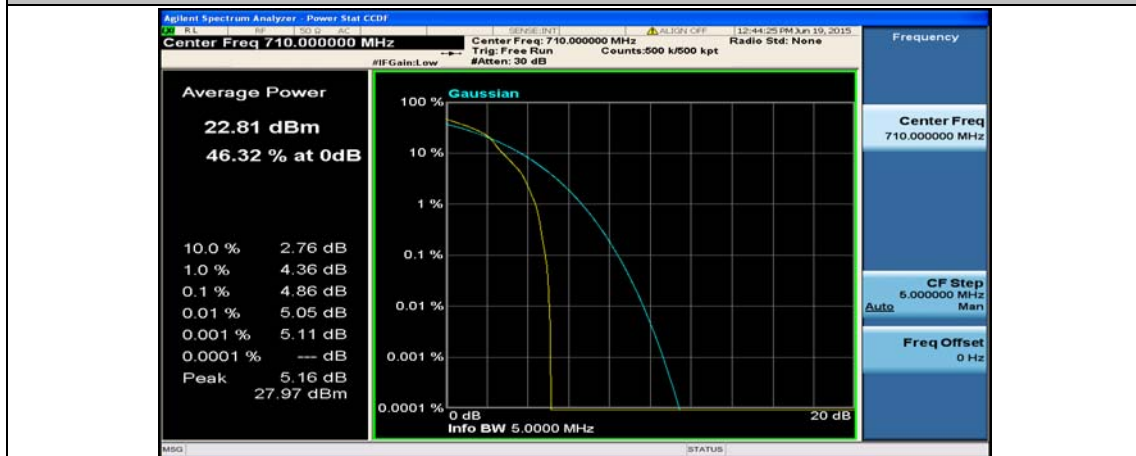
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(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



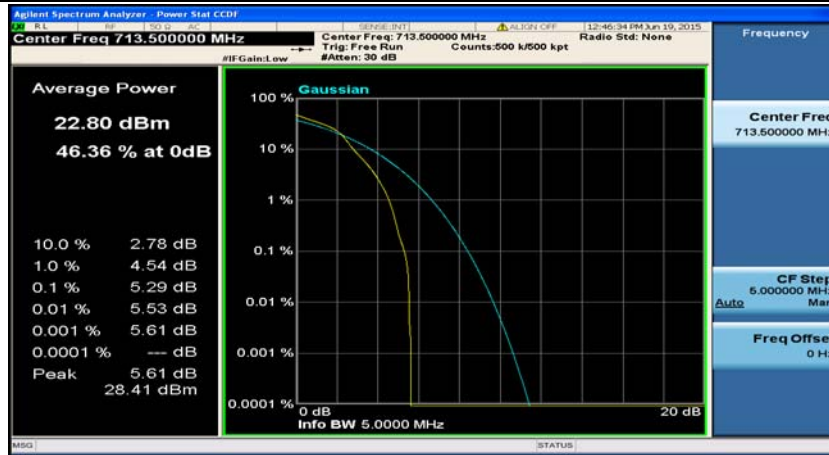
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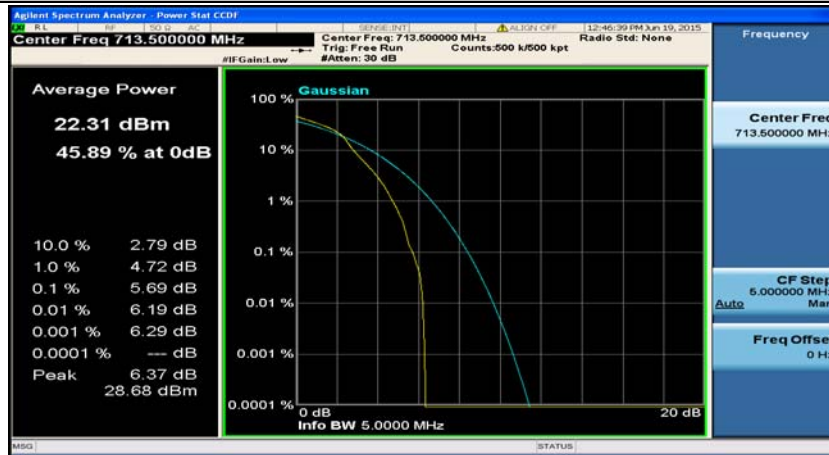
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



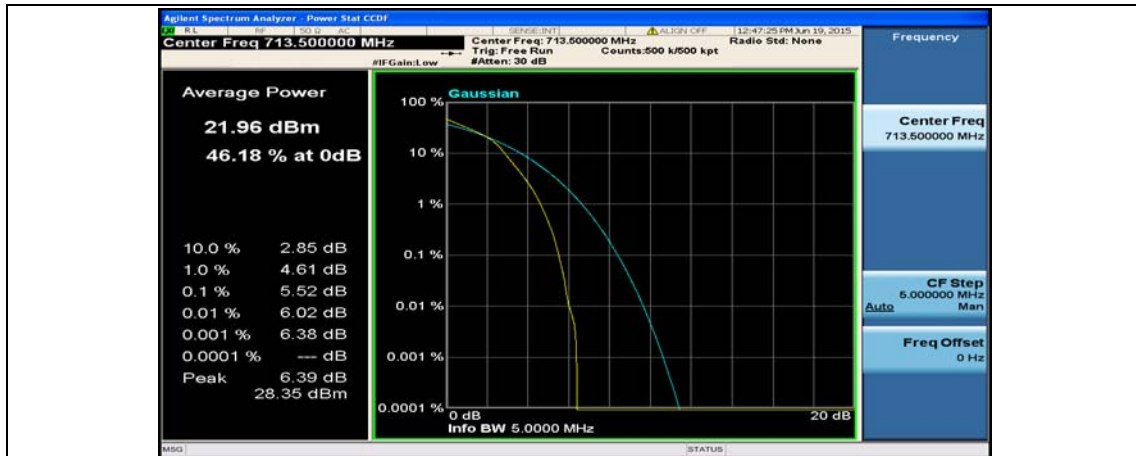
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

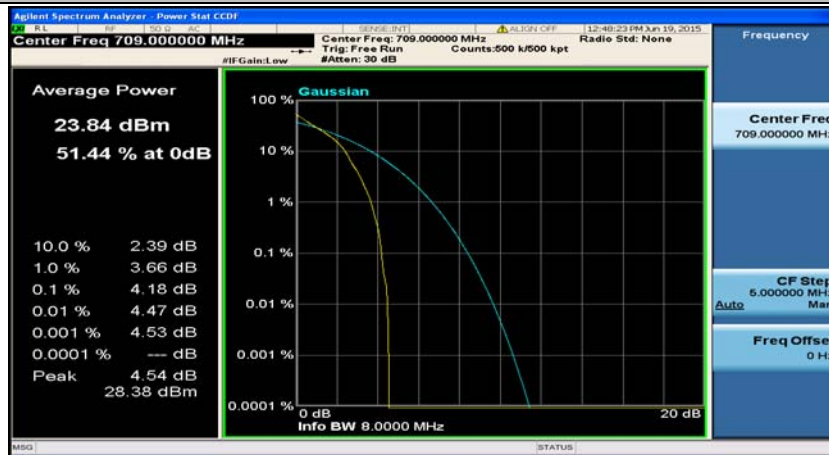
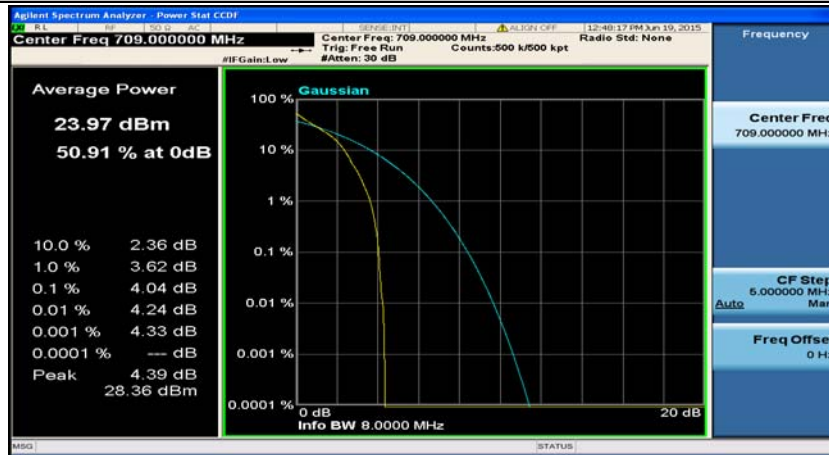
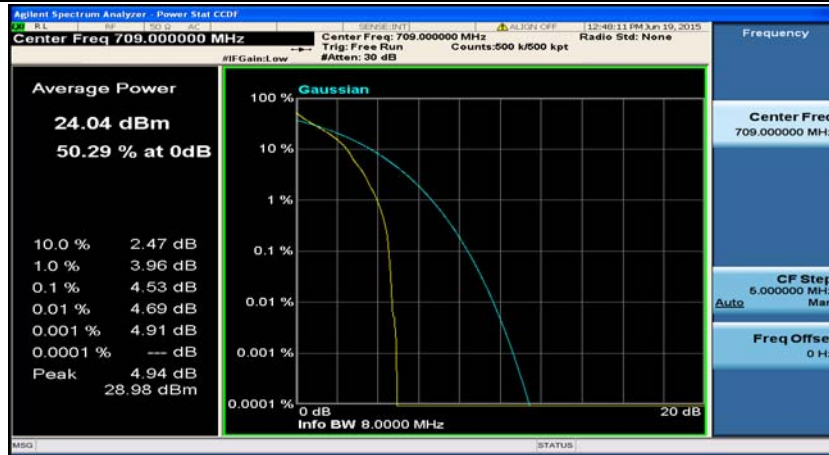


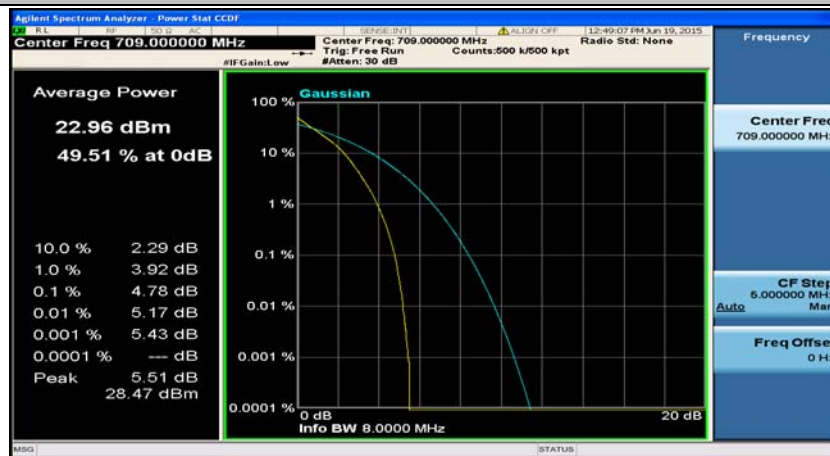
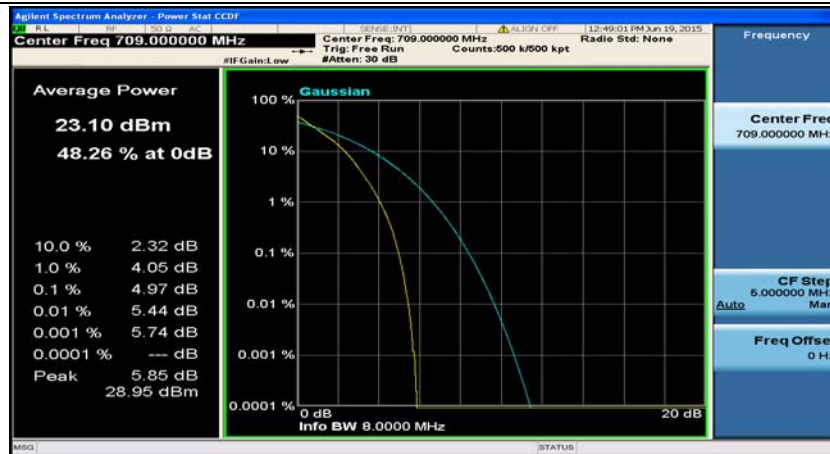
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0







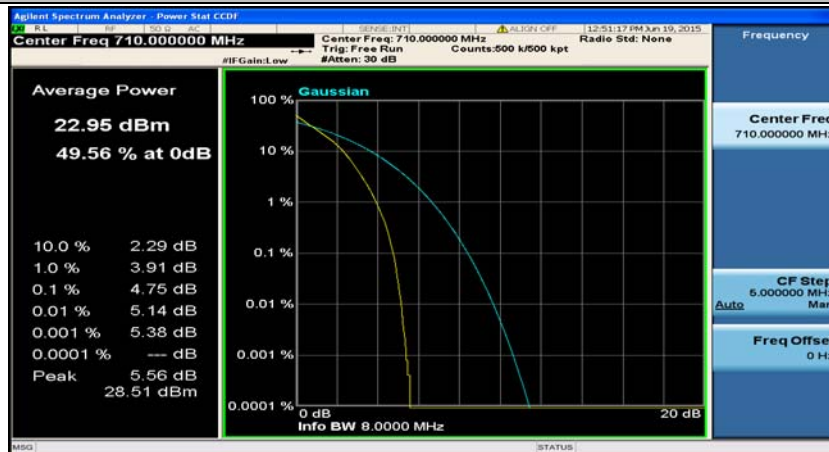
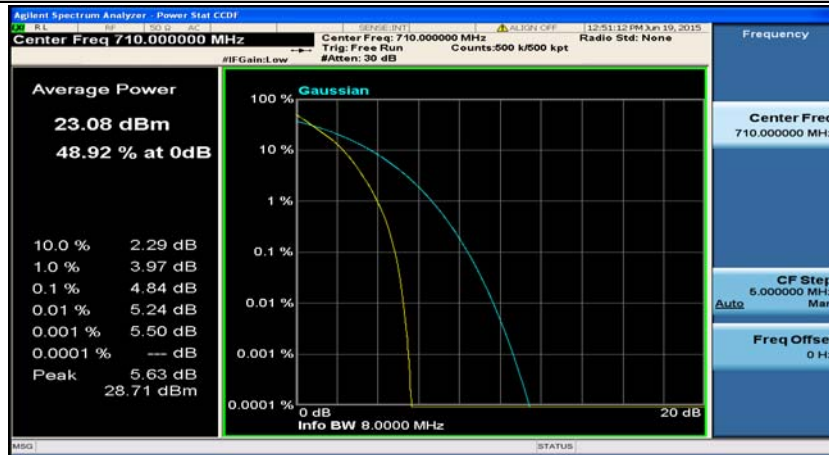
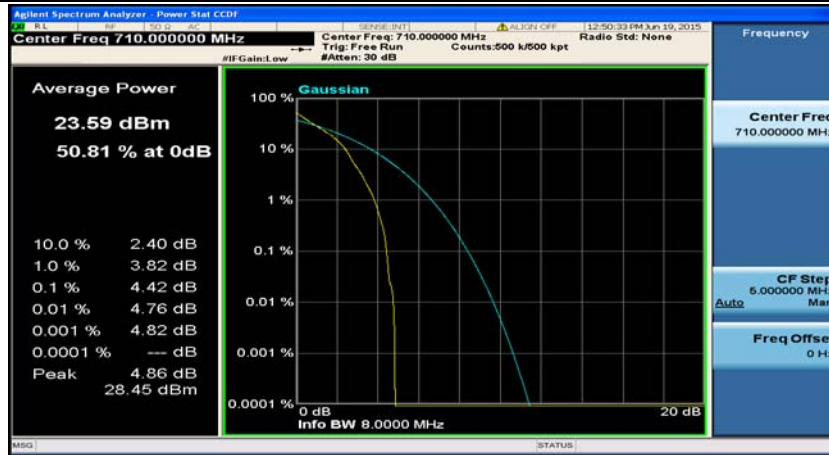
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

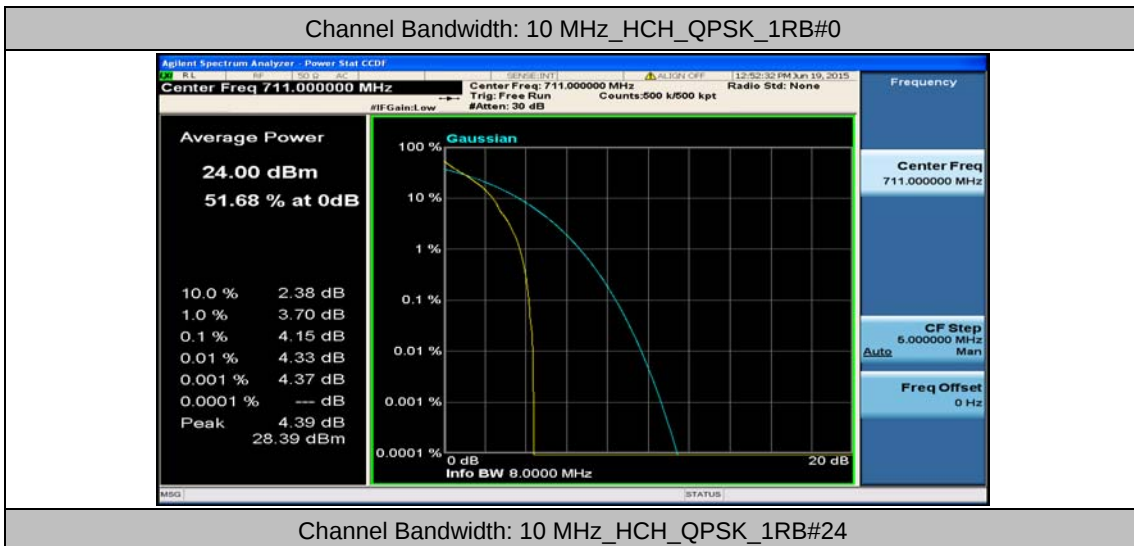


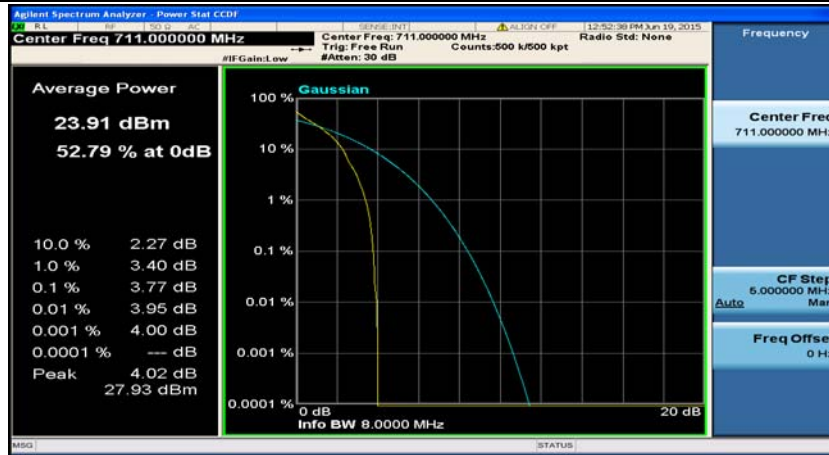
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



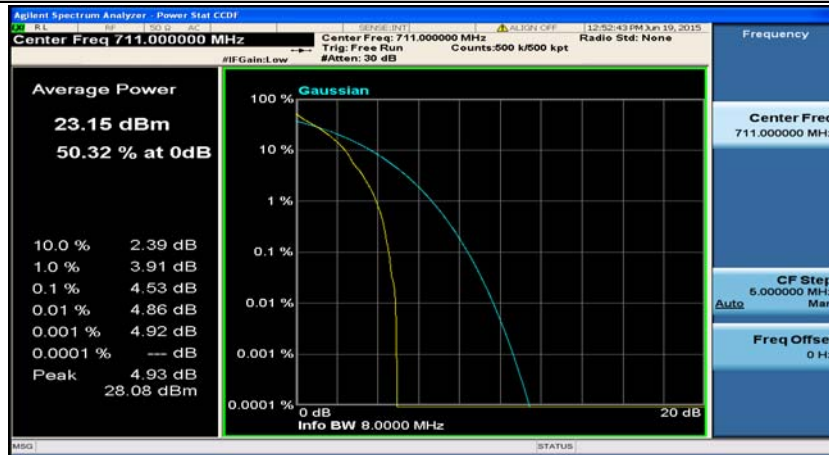
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



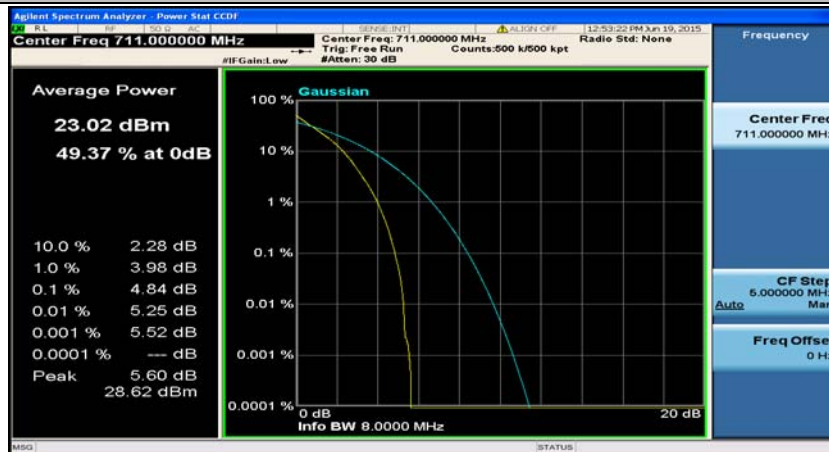




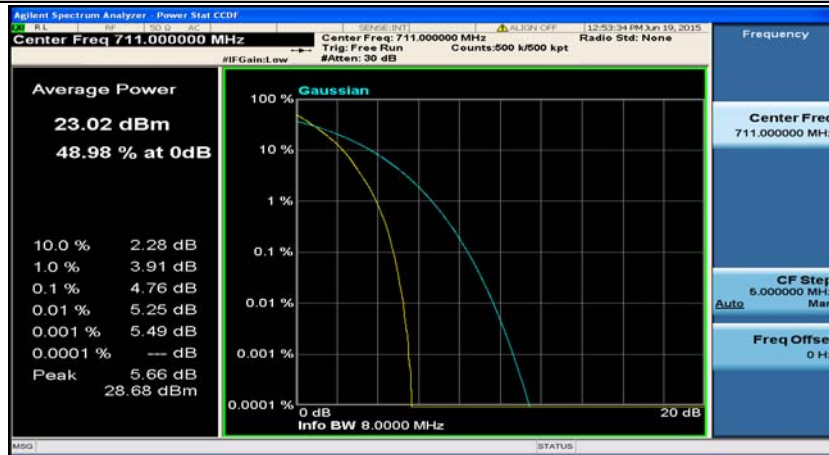
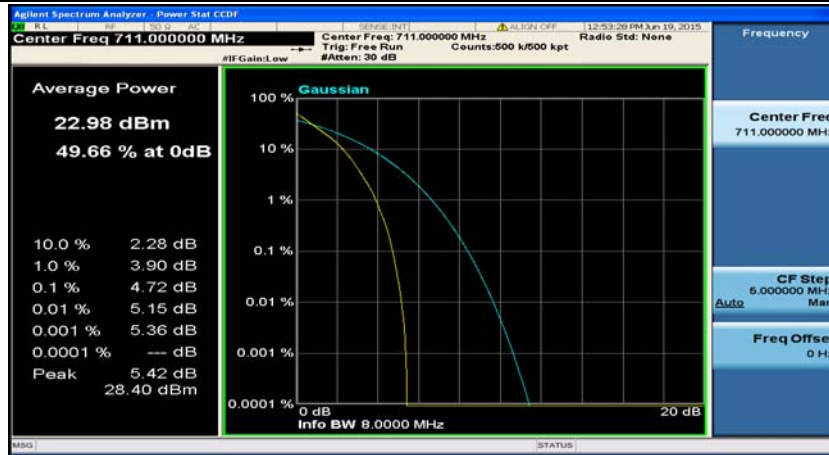
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Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



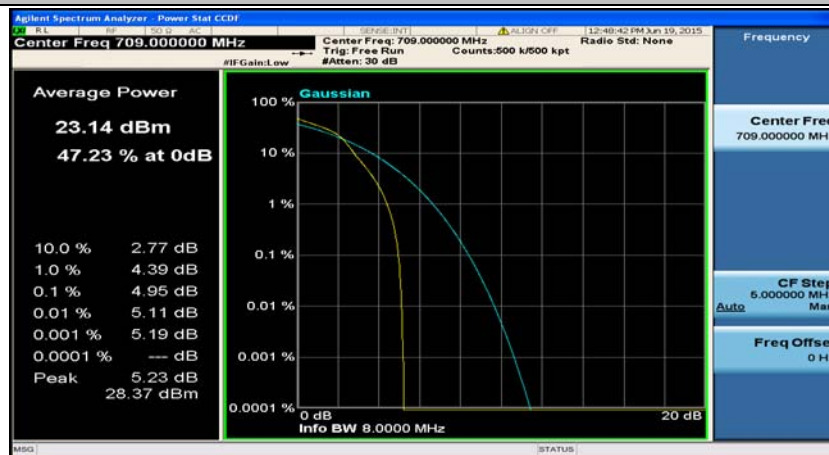
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Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



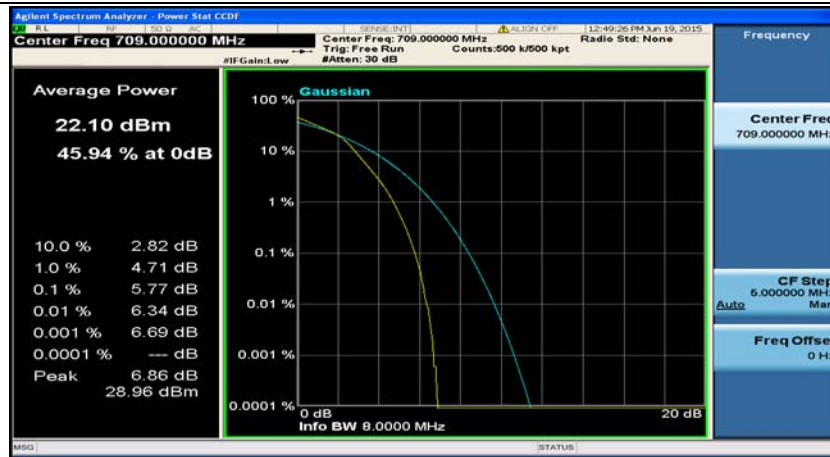
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

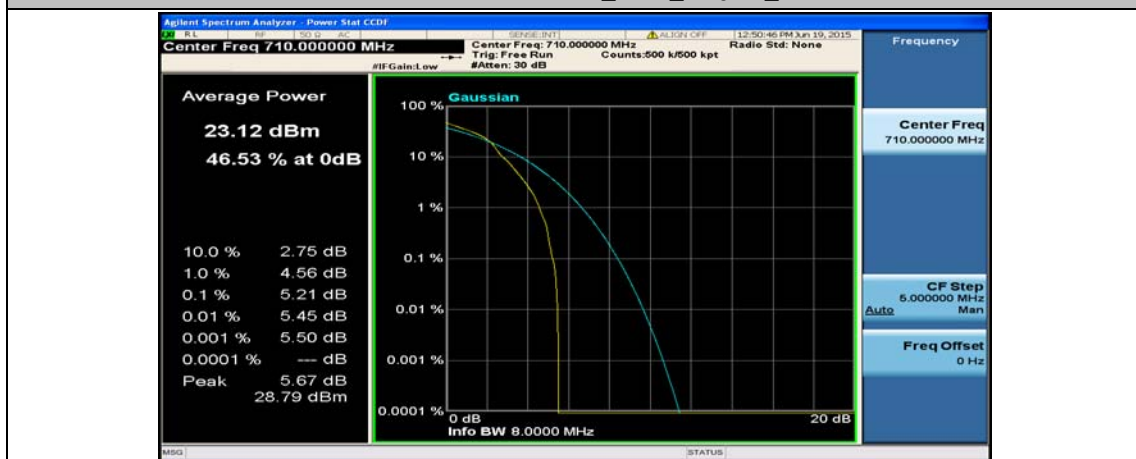


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





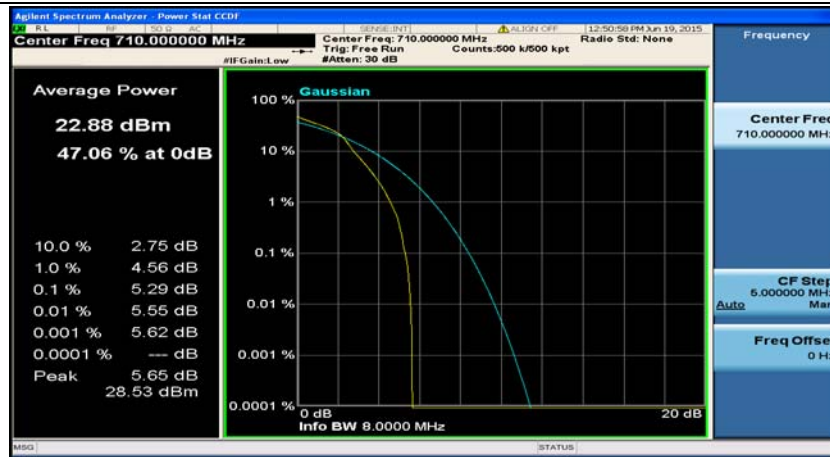
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

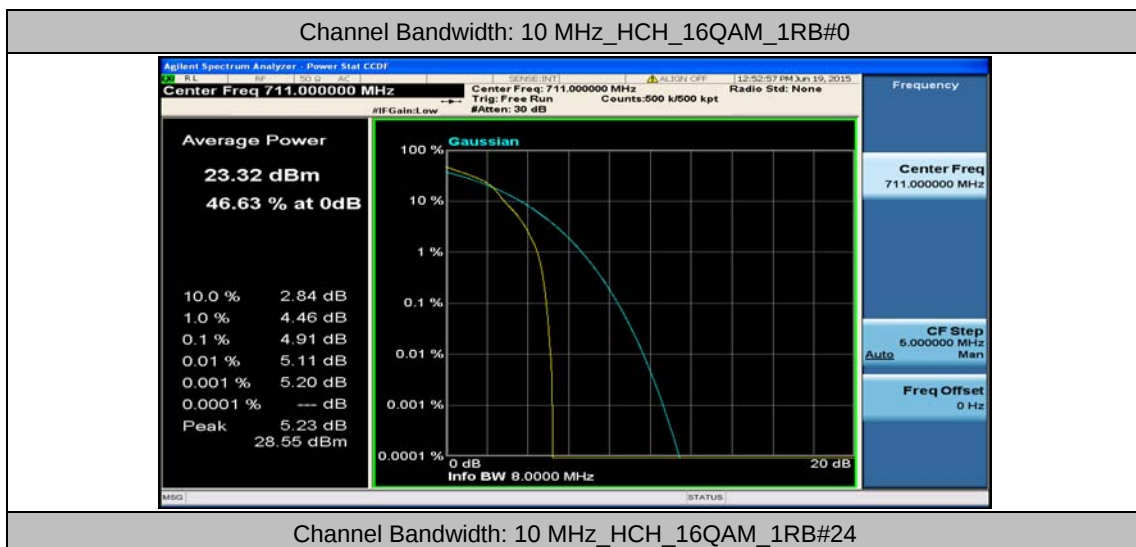
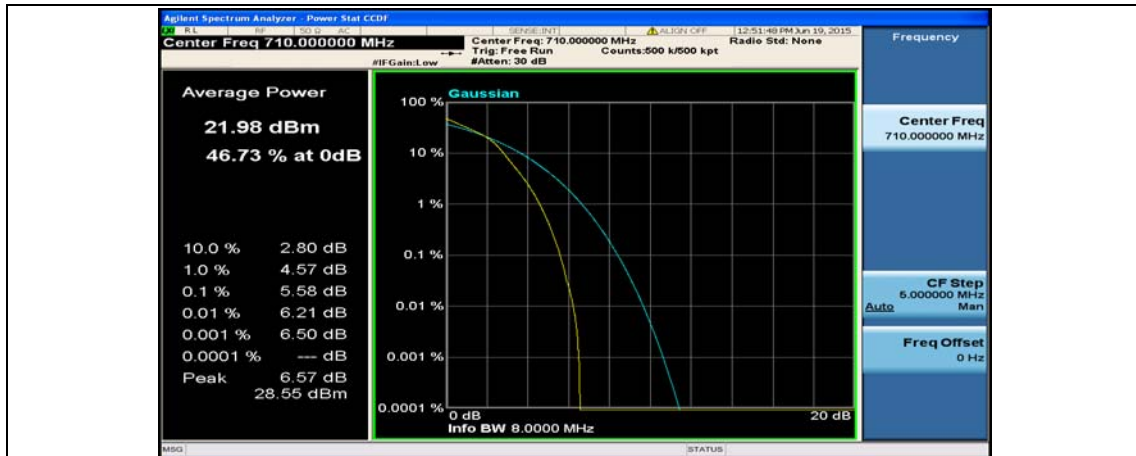


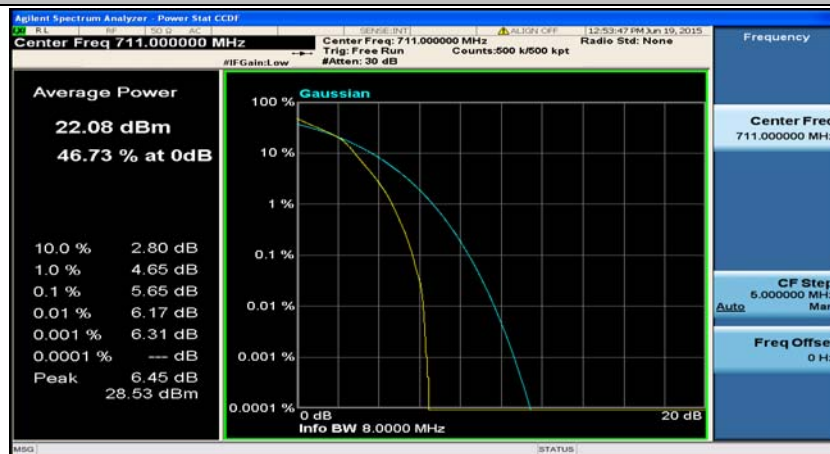
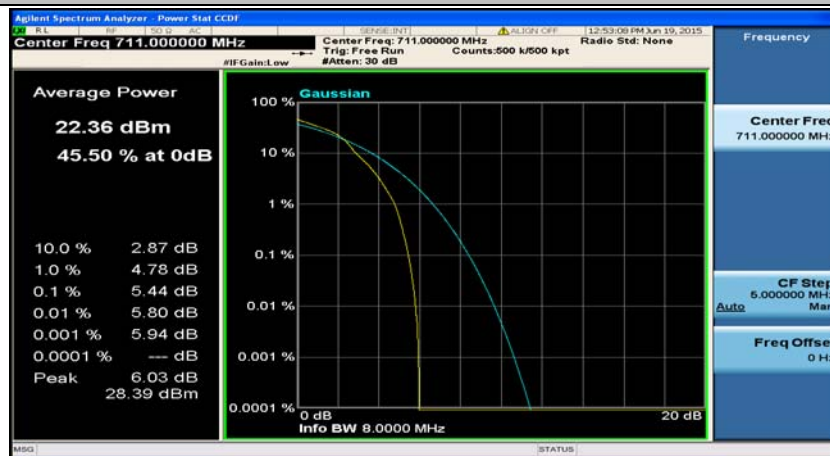
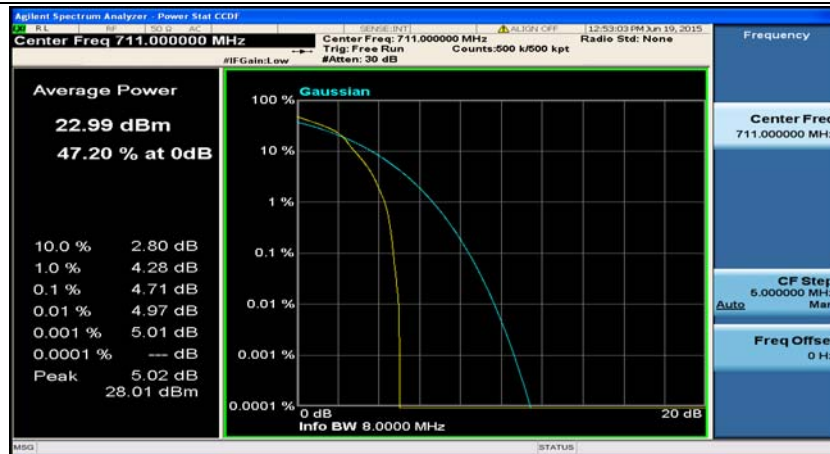
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

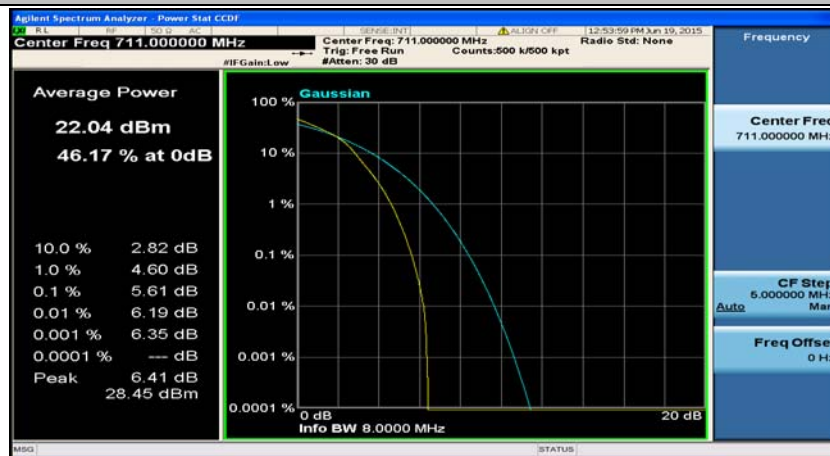


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

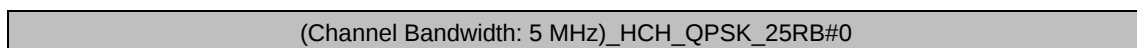
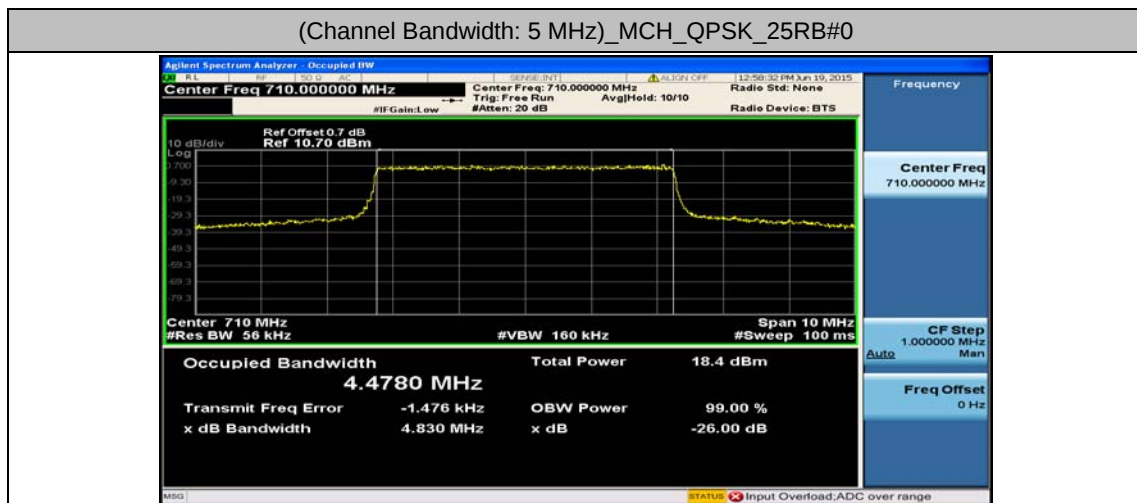
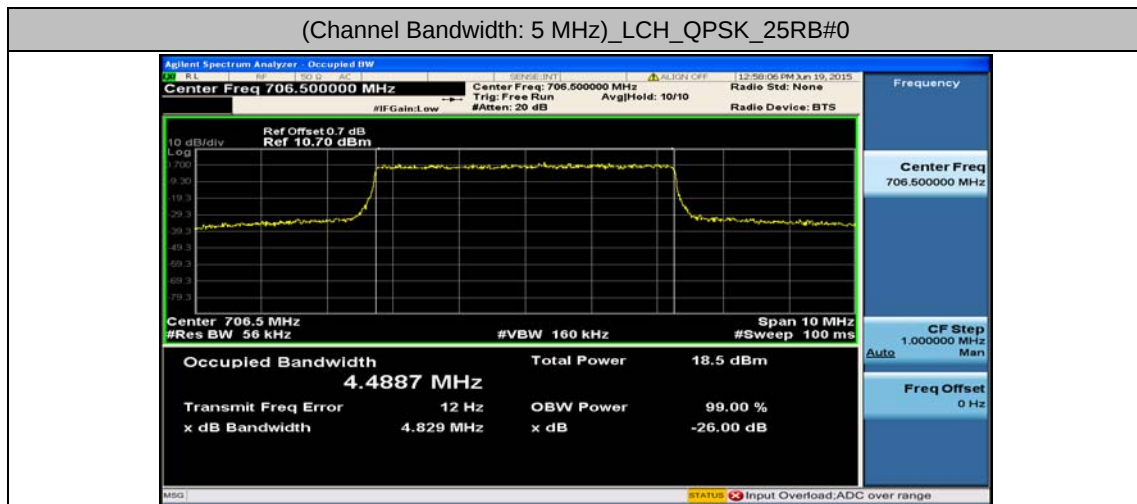
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4887	4.829	PASS
	MCH	25	0	4.4780	4.830	PASS
	HCH	25	0	4.4857	4.813	PASS
16QAM	LCH	25	0	4.4834	4.858	PASS
	MCH	25	0	4.4847	4.887	PASS
	HCH	25	0	4.4831	4.822	PASS

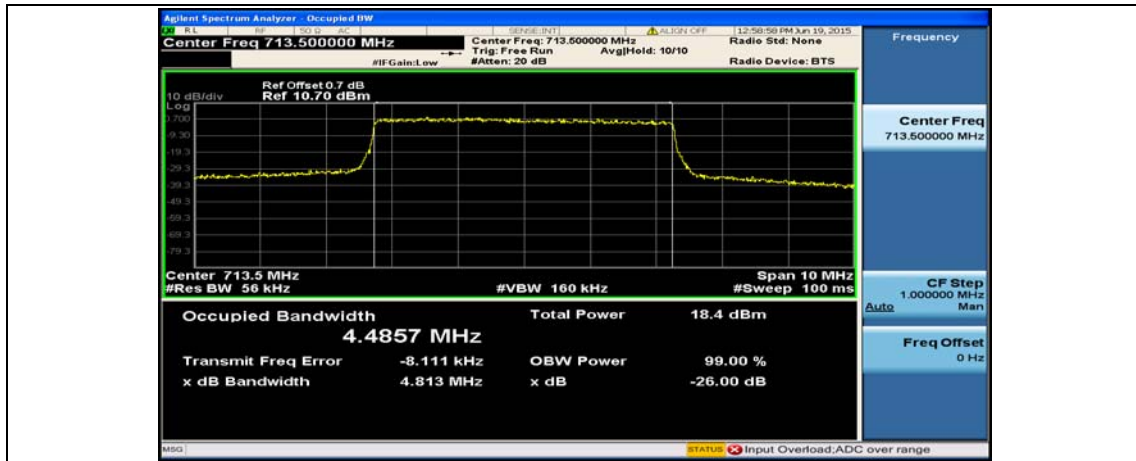
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9358	9.558	PASS
	MCH	50	0	8.9235	9.473	PASS
	HCH	50	0	8.9136	9.412	PASS
16QAM	LCH	50	0	8.9342	9.530	PASS
	MCH	50	0	8.9227	9.491	PASS
	HCH	50	0	8.9338	9.507	PASS

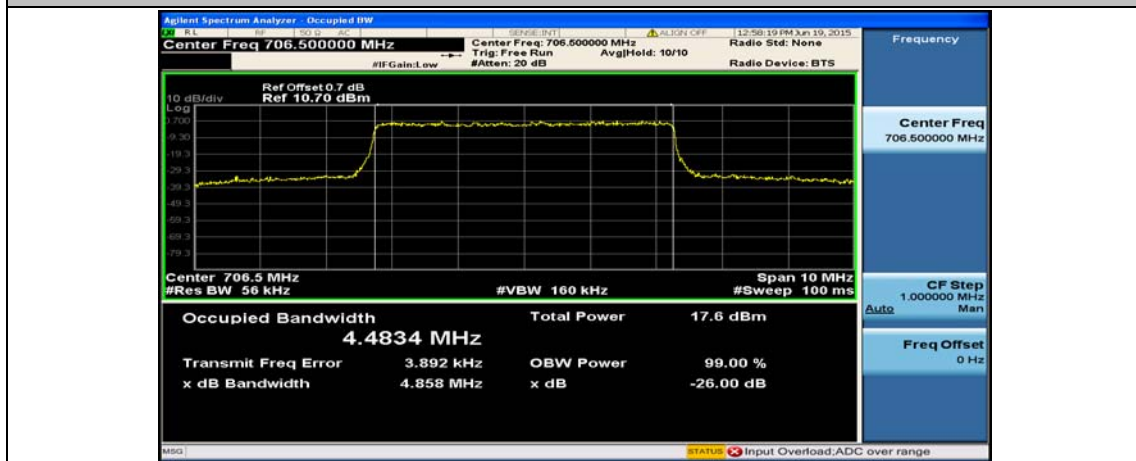
Test Graphs

Channel Bandwidth: 5 MHz

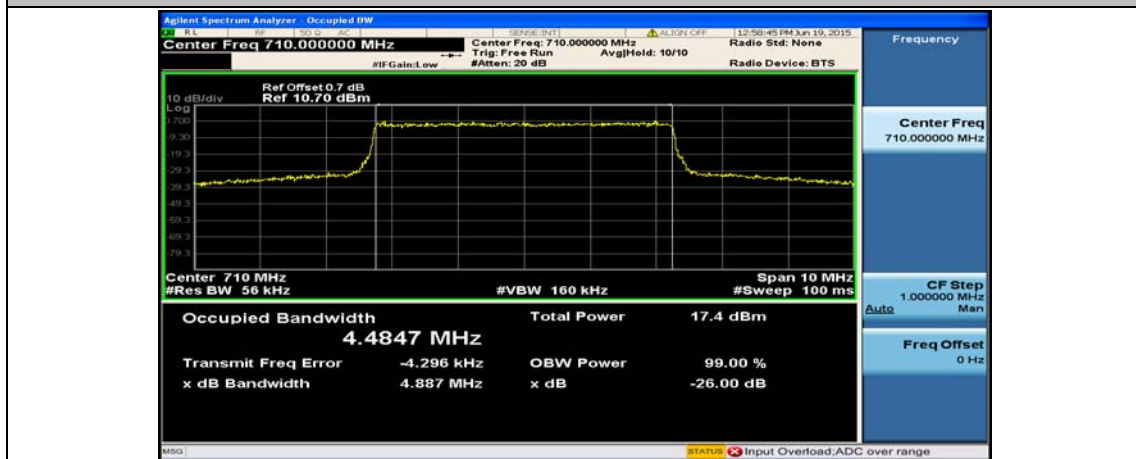




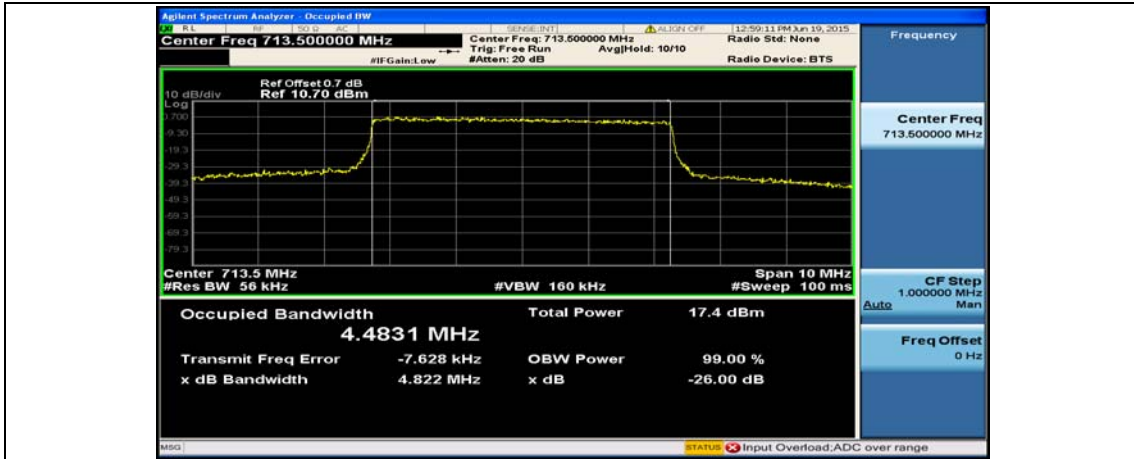
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



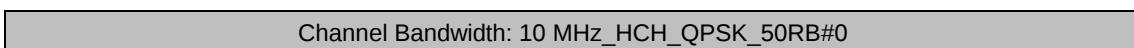
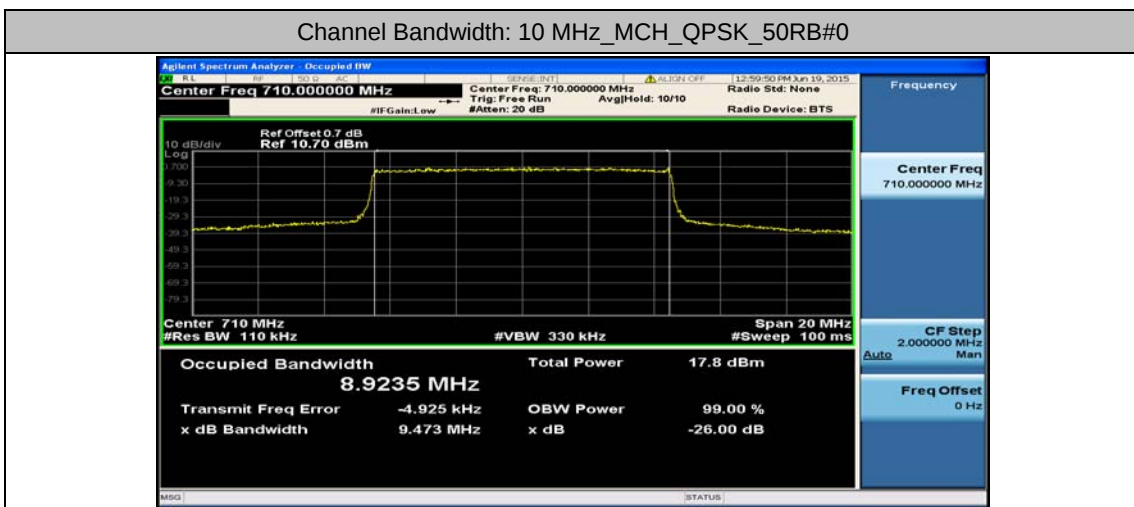
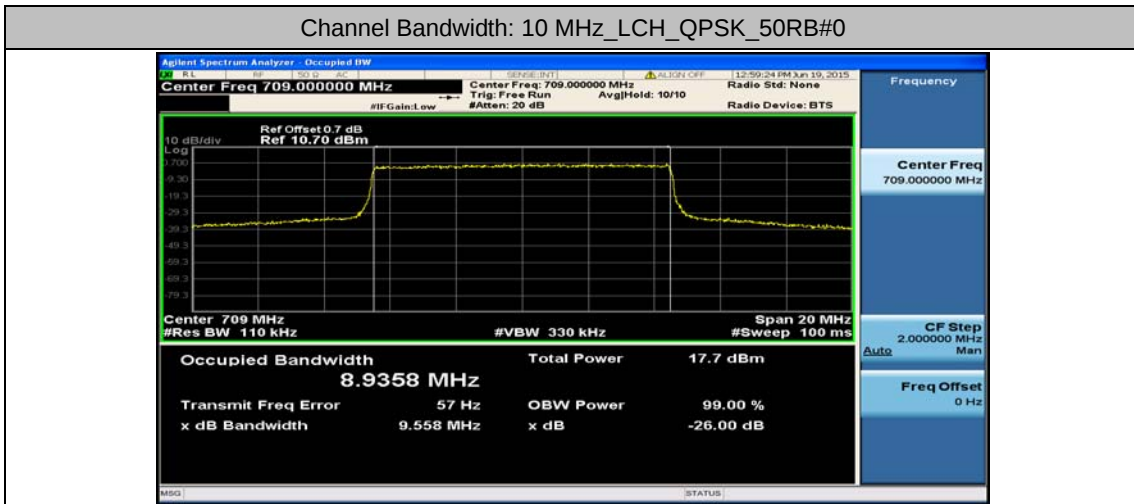
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

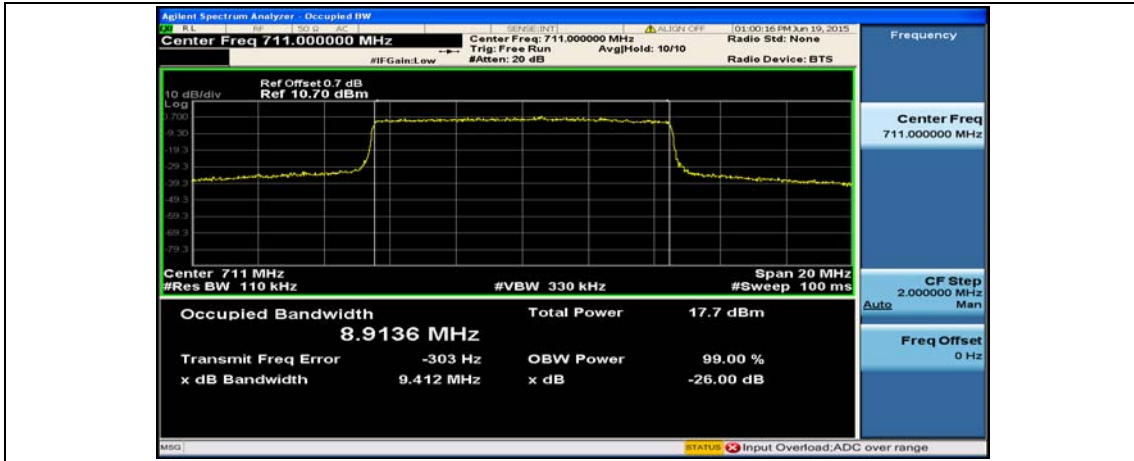


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

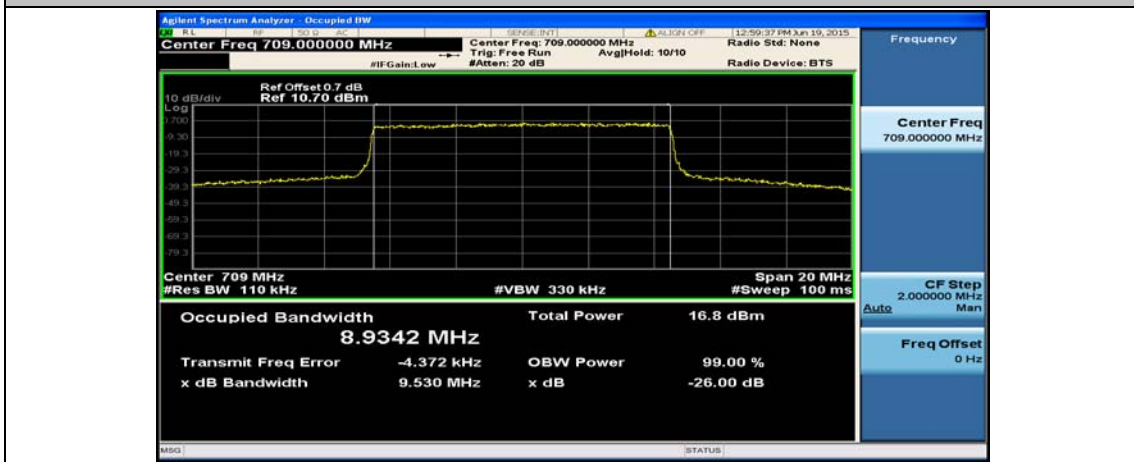


Channel Bandwidth: 10 MHz

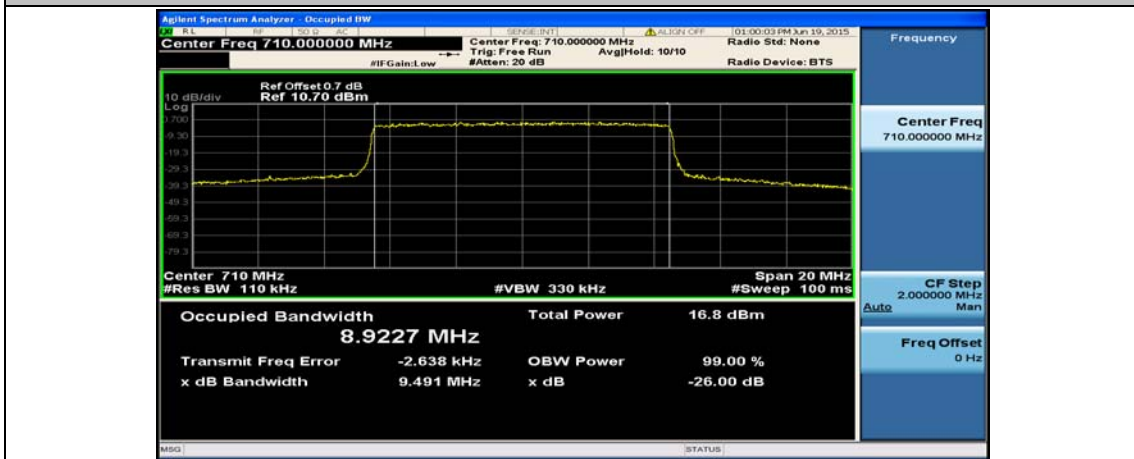




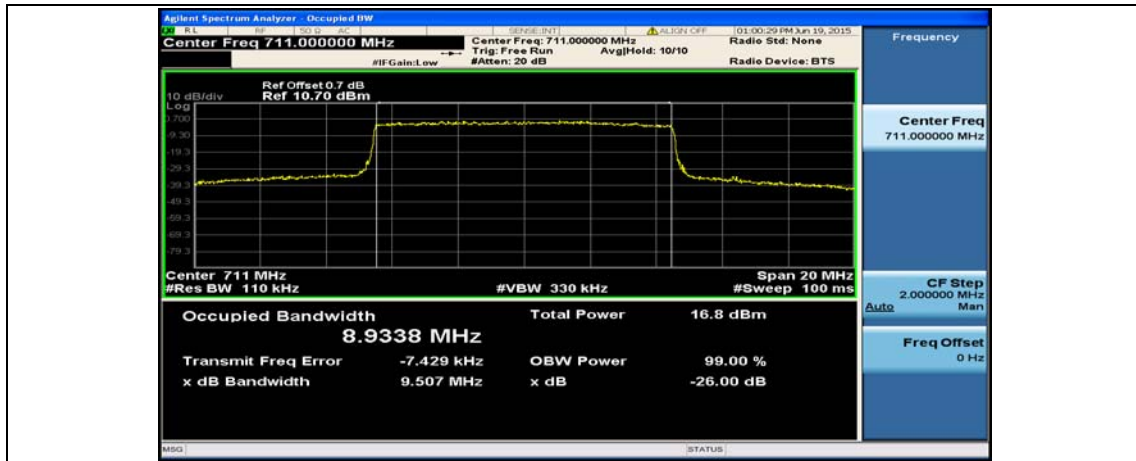
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

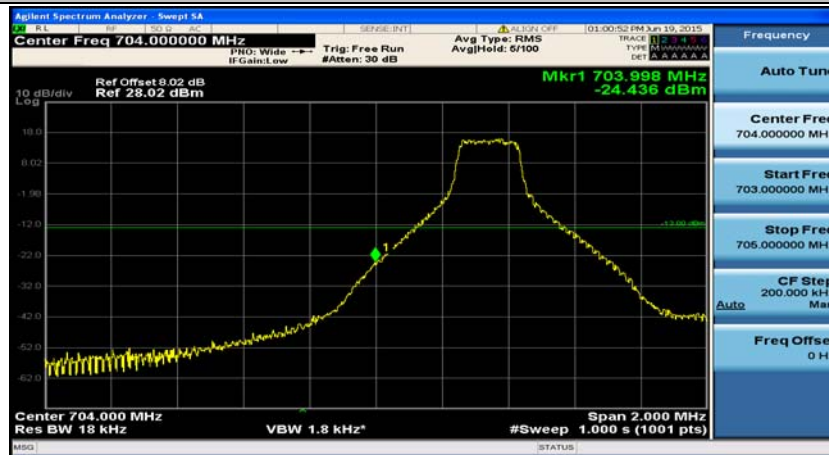


Appendix D: Band Edge

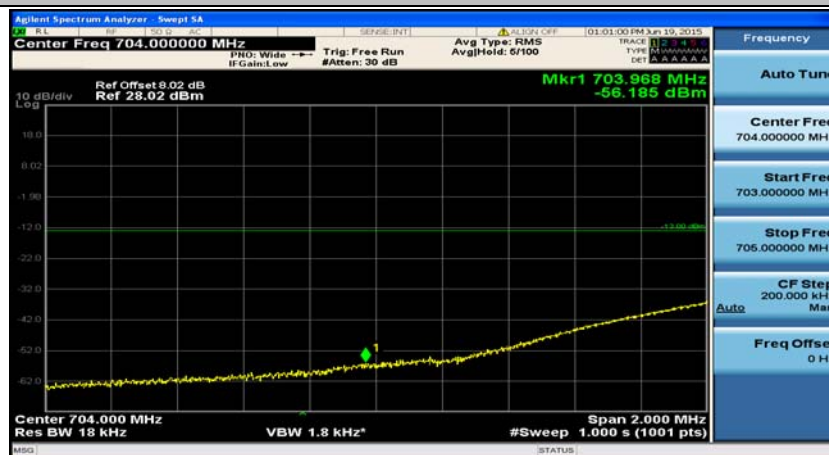
Test Graphs

Channel Bandwidth: 5 MHz

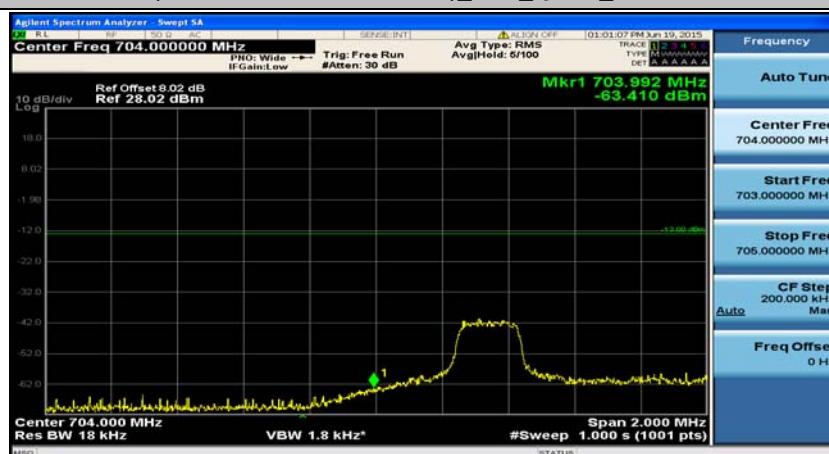
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



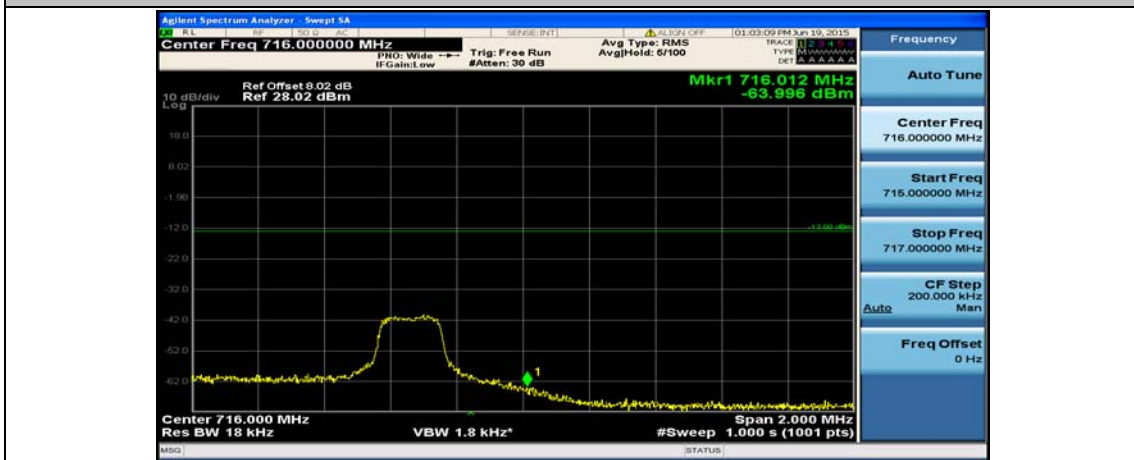
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



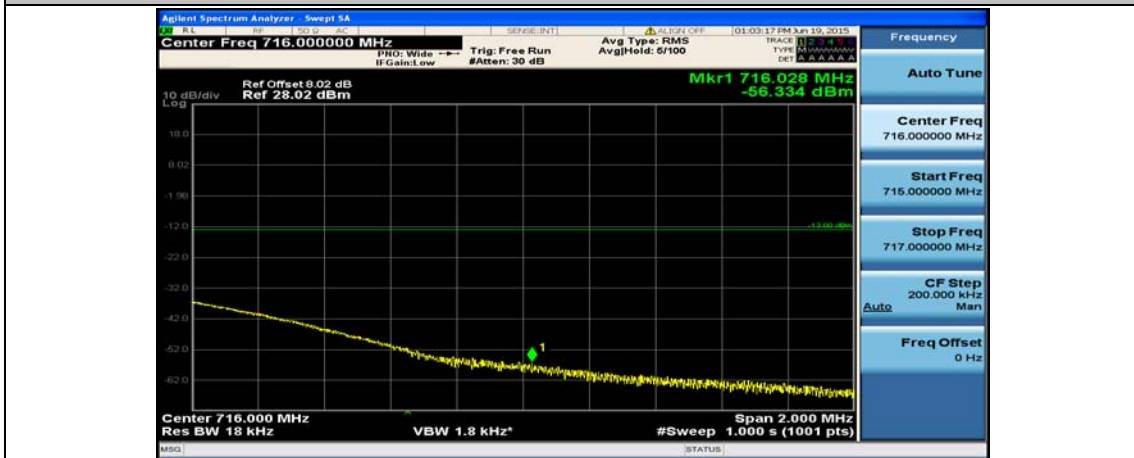
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



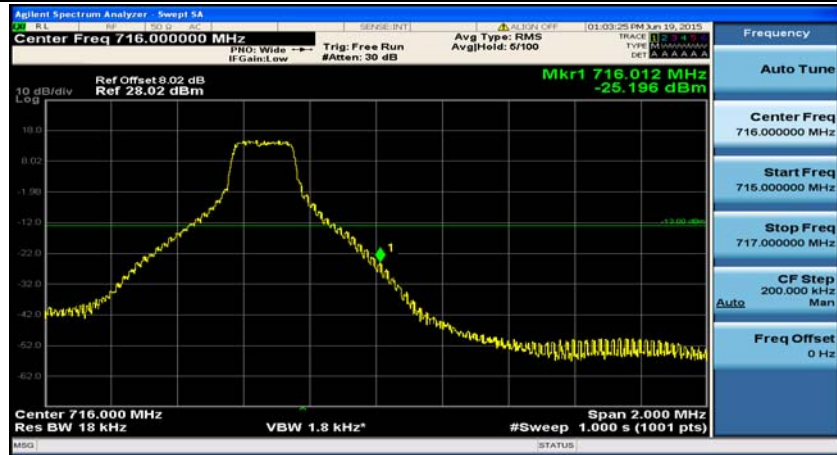
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(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



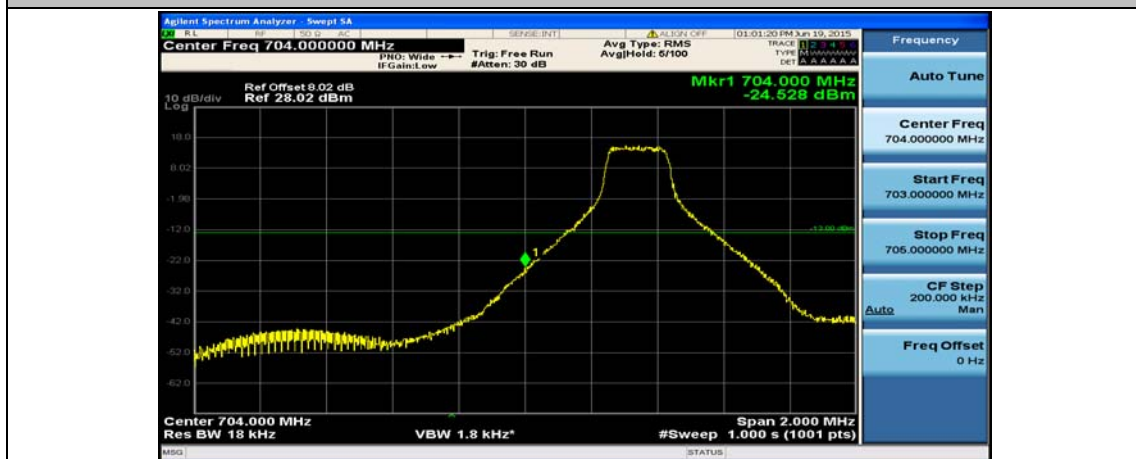
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



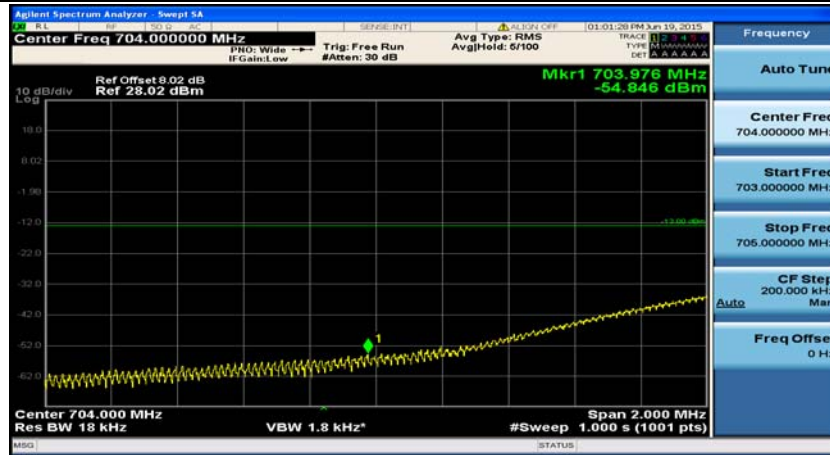
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



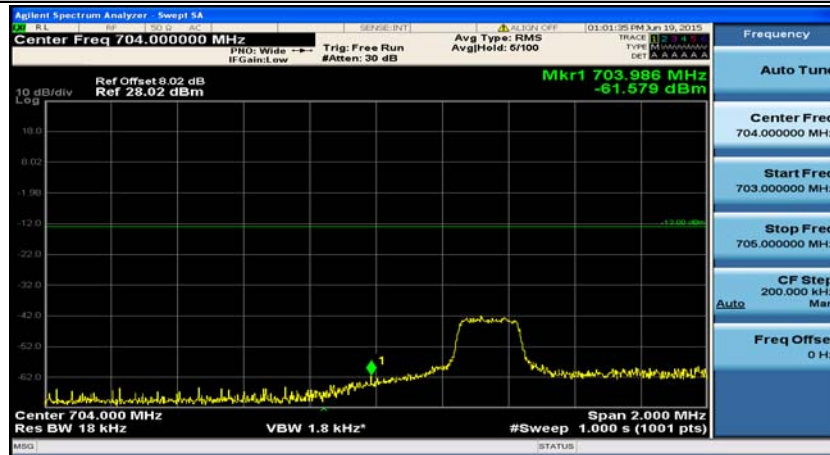
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



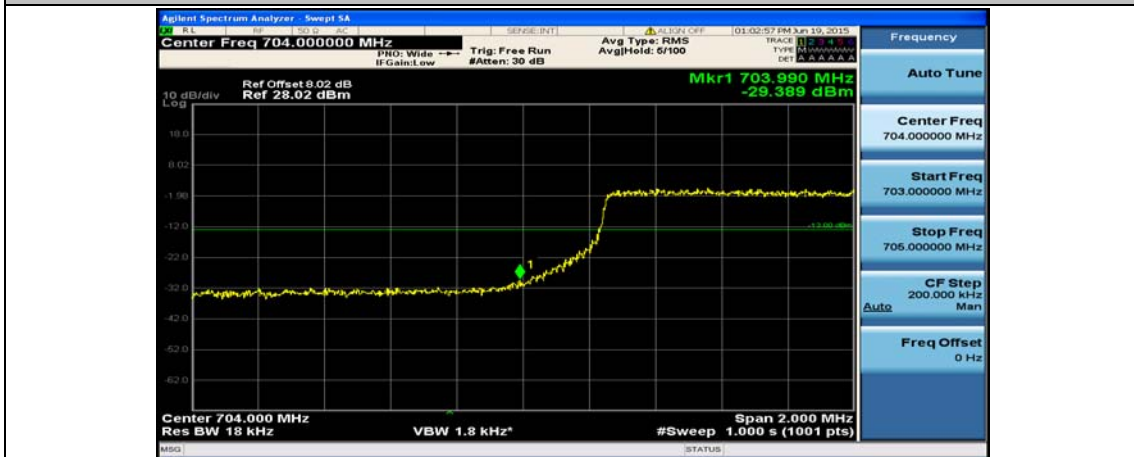
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



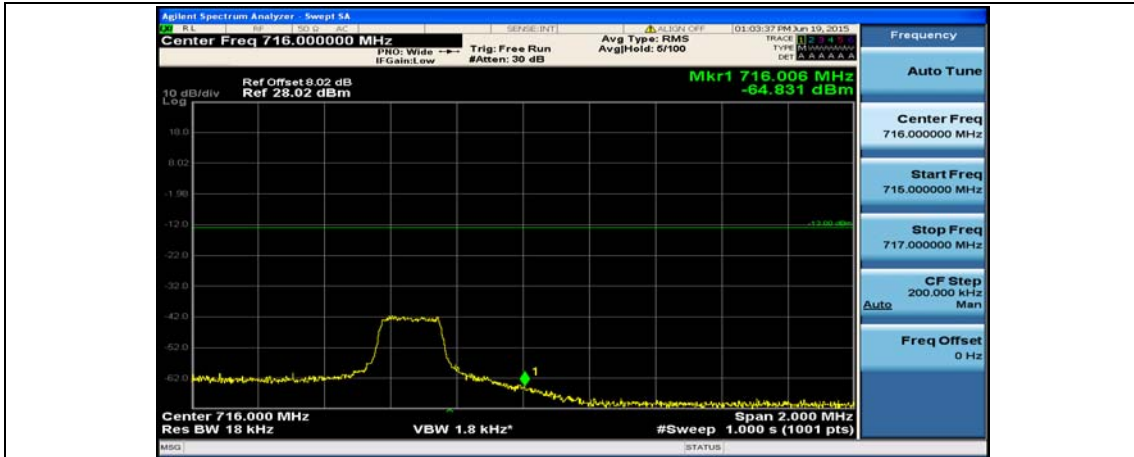
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



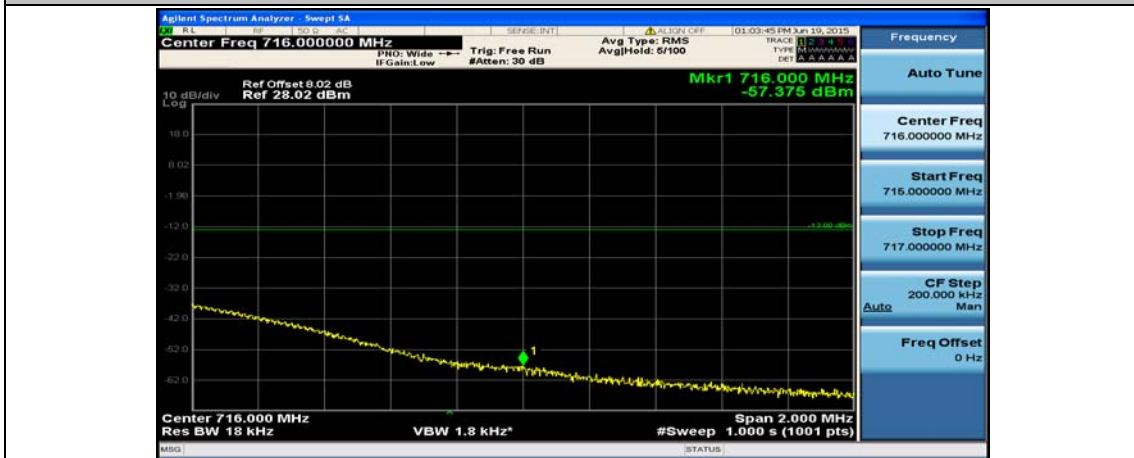
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(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

