

Appendix for Band 17

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	24.29	PASS
		1	12	24.21	PASS
		1	24	24.22	PASS
		12	0	23.32	PASS
		12	6	23.28	PASS
		12	13	23.25	PASS
		25	0	23.33	PASS
	MCH	1	0	24.06	PASS
		1	12	24.16	PASS
		1	24	24.24	PASS
		12	0	23.33	PASS
		12	6	23.41	PASS
		12	13	23.44	PASS
		25	0	23.34	PASS
	HCH	1	0	24.20	PASS
		1	12	24.23	PASS
		1	24	24.17	PASS
		12	0	23.35	PASS
		12	6	23.35	PASS
		12	13	23.40	PASS
		25	0	23.34	PASS
16QAM	LCH	1	0	23.58	PASS
		1	12	23.54	PASS
		1	24	23.54	PASS
		12	0	22.38	PASS
		12	6	22.32	PASS
		12	13	22.29	PASS
		25	0	22.25	PASS
	MCH	1	0	23.22	PASS
		1	12	23.39	PASS
		1	24	23.38	PASS
		12	0	22.23	PASS
		12	6	22.22	PASS

		12	13	22.26	PASS
		25	0	22.29	PASS
	HCH	1	0	23.41	PASS
		1	12	23.38	PASS
		1	24	23.26	PASS
		12	0	22.32	PASS
		12	6	22.28	PASS
		12	13	22.29	PASS
		25	0	22.25	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.14	PASS
		1	24	24.17	PASS
		1	49	24.17	PASS
		25	0	23.38	PASS
		25	12	23.34	PASS
		25	25	23.27	PASS
		50	0	23.42	PASS
	MCH	1	0	24.30	PASS
		1	24	24.27	PASS
		1	49	24.28	PASS
		25	0	23.34	PASS
		25	12	23.33	PASS
		25	25	23.34	PASS
		50	0	23.49	PASS
	HCH	1	0	24.08	PASS
		1	24	24.29	PASS
		1	49	24.13	PASS
		25	0	23.40	PASS
		25	12	23.45	PASS
		25	25	23.40	PASS
		50	0	23.37	PASS
16QAM	LCH	1	0	23.59	PASS
		1	24	23.57	PASS
		1	49	23.54	PASS
		25	0	22.12	PASS
		25	12	22.17	PASS
		25	25	22.26	PASS
		50	0	22.27	PASS
	MCH	1	0	23.64	PASS

		1	24	23.71	PASS
		1	49	23.73	PASS
		25	0	22.17	PASS
		25	12	22.30	PASS
		25	25	22.31	PASS
		50	0	22.22	PASS
	HCH	1	0	23.32	PASS
		1	24	23.58	PASS
		1	49	23.47	PASS
		25	0	22.20	PASS
		25	12	22.13	PASS
		25	25	22.29	PASS
		50	0	22.29	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	3.43	<13	PASS
		1	12	4.13	<13	PASS
		1	24	3.48	<13	PASS
		12	0	4.95	<13	PASS
		12	6	5.04	<13	PASS
		12	13	4.94	<13	PASS
		25	0	5.31	<13	PASS
	MCH	1	0	3.41	<13	PASS
		1	12	3.91	<13	PASS
		1	24	3.94	<13	PASS
		12	0	4.69	<13	PASS
		12	6	4.75	<13	PASS
		12	13	4.94	<13	PASS
		25	0	5.06	<13	PASS
	HCH	1	0	3.72	<13	PASS
		1	12	4.54	<13	PASS
		1	24	3.48	<13	PASS
		12	0	5.15	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.06	<13	PASS
		25	0	5.51	<13	PASS
16QAM	LCH	1	0	4.22	<13	PASS
		1	12	4.93	<13	PASS
		1	24	4.25	<13	PASS
		12	0	5.71	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.62	<13	PASS
		25	0	6	<13	PASS
	MCH	1	0	4.06	<13	PASS
		1	12	4.46	<13	PASS
		1	24	4.52	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.53	<13	PASS

		12	13	5.74	<13	PASS
		25	0	5.8	<13	PASS
	HCH	1	0	4.51	<13	PASS
		1	12	5.2	<13	PASS
		1	24	4.25	<13	PASS
		12	0	5.92	<13	PASS
		12	6	5.91	<13	PASS
		12	13	5.83	<13	PASS
		25	0	6.16	<13	PASS

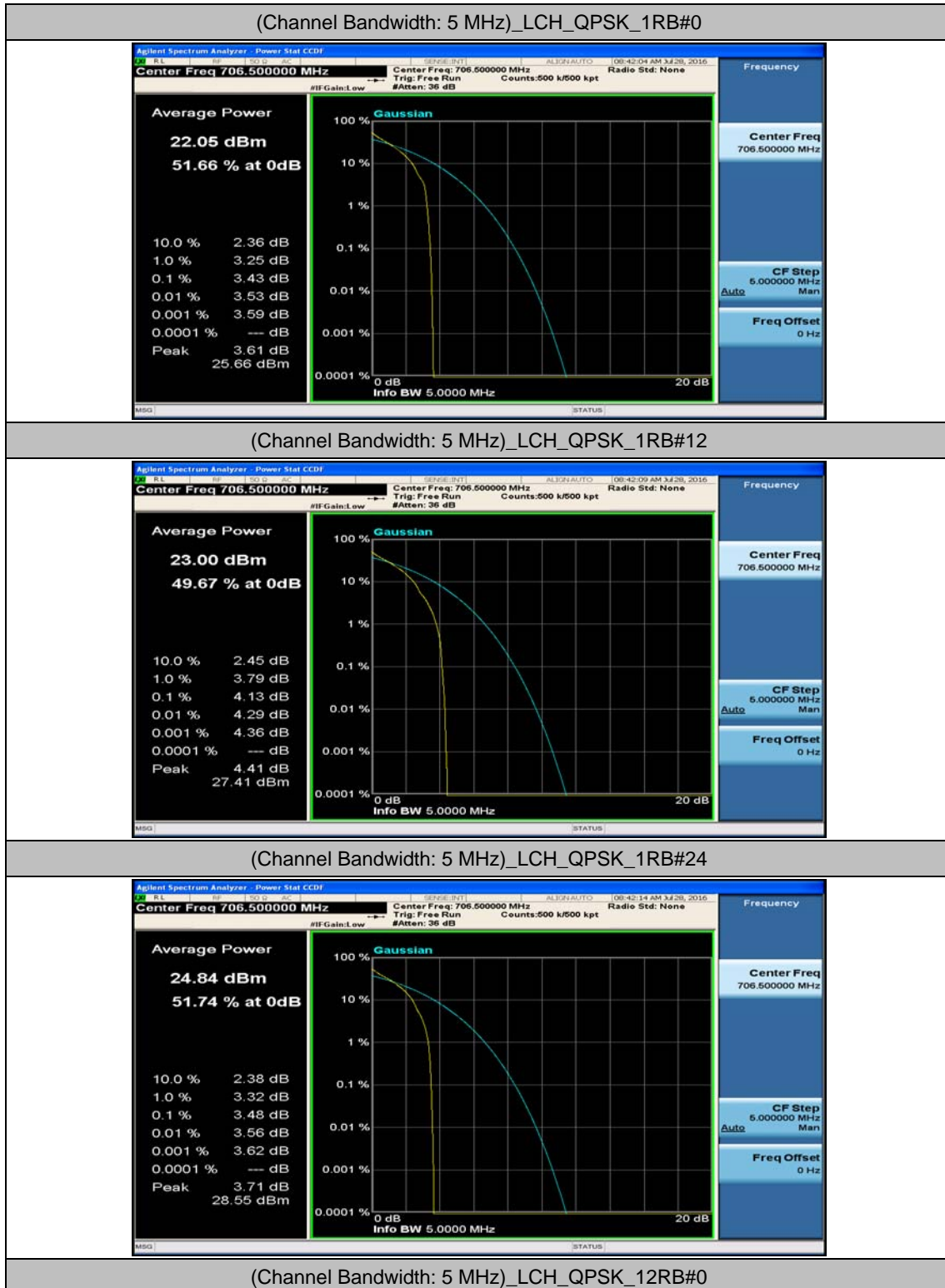
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.58	<13	PASS
		1	24	3.9	<13	PASS
		1	49	3.94	<13	PASS
		25	0	5.12	<13	PASS
		25	12	4.9	<13	PASS
		25	25	5.2	<13	PASS
		50	0	5	<13	PASS
	MCH	1	0	3.76	<13	PASS
		1	24	4	<13	PASS
		1	49	3.76	<13	PASS
		25	0	5	<13	PASS
		25	12	5.01	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.02	<13	PASS
	HCH	1	0	3.68	<13	PASS
		1	24	4.06	<13	PASS
		1	49	3.52	<13	PASS
		25	0	4.89	<13	PASS
		25	12	5.1	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.19	<13	PASS
16QAM	LCH	1	0	4.31	<13	PASS
		1	24	4.63	<13	PASS
		1	49	4.7	<13	PASS
		25	0	5.87	<13	PASS
		25	12	5.7	<13	PASS
		25	25	5.91	<13	PASS

		50	0	5.82	<13	PASS
	MCH	1	0	4.49	<13	PASS
		1	24	4.77	<13	PASS
		1	49	4.54	<13	PASS
		25	0	5.75	<13	PASS
		25	12	5.72	<13	PASS
		25	25	6	<13	PASS
		50	0	5.89	<13	PASS
		HCH	1	0	4.46	<13
	1		24	4.84	<13	PASS
	1		49	4.36	<13	PASS
	25		0	5.68	<13	PASS
	25		12	5.88	<13	PASS
	25		25	6.07	<13	PASS
	50		0	5.97	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



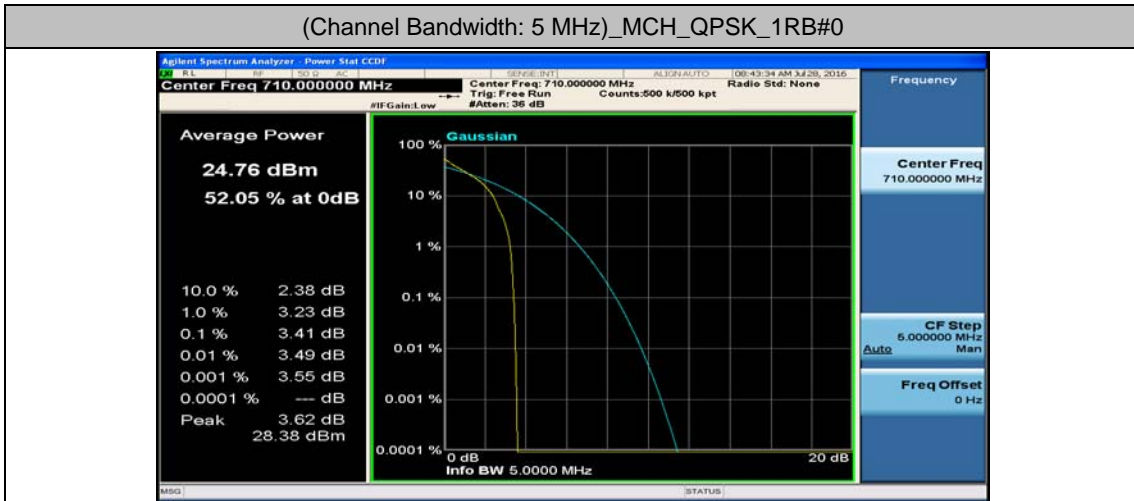
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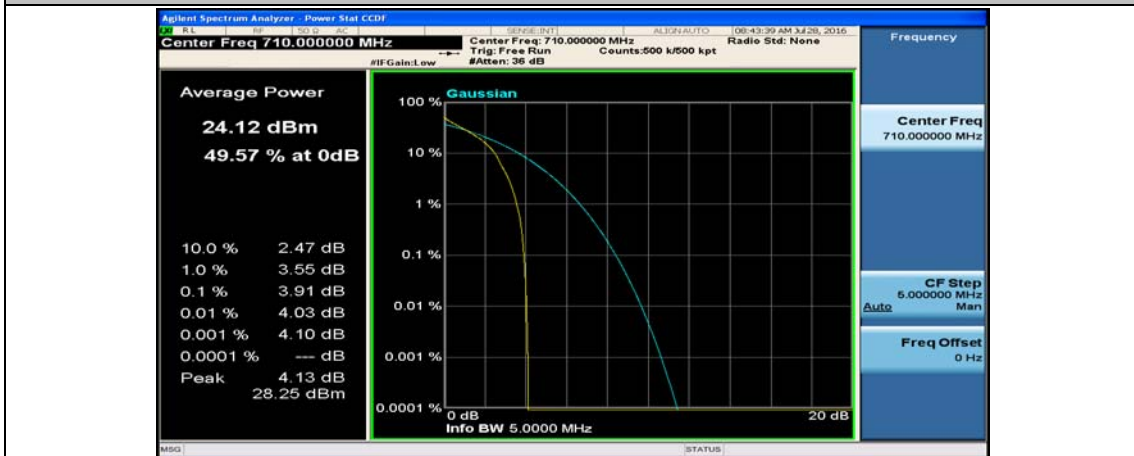
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



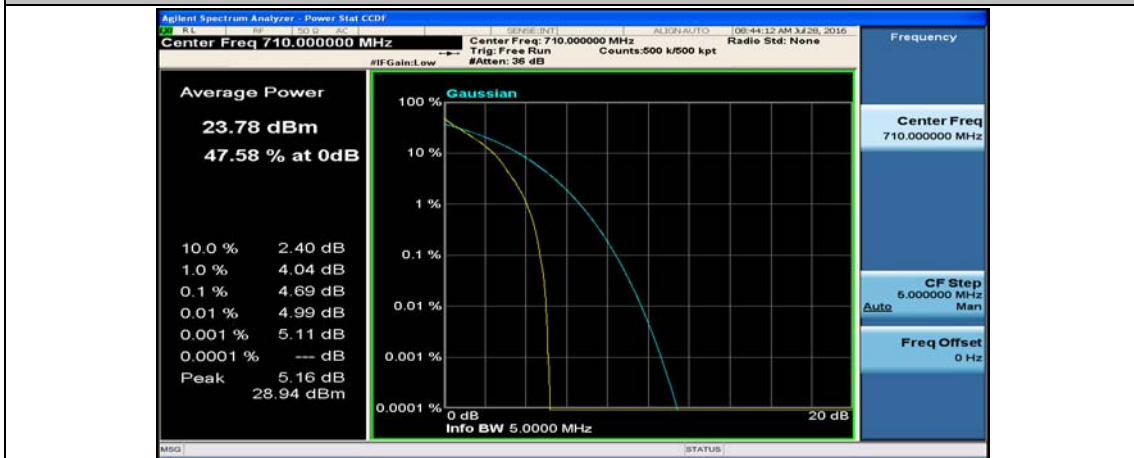
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



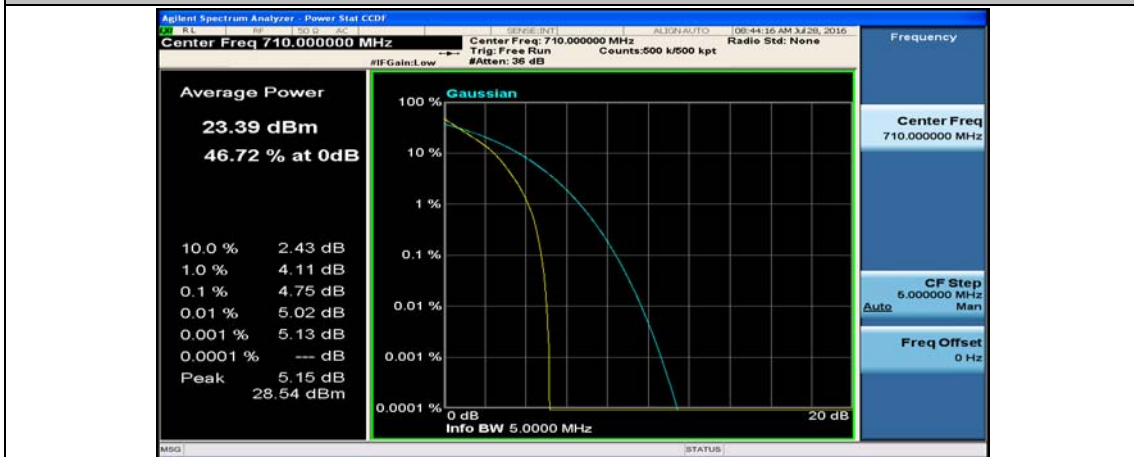
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



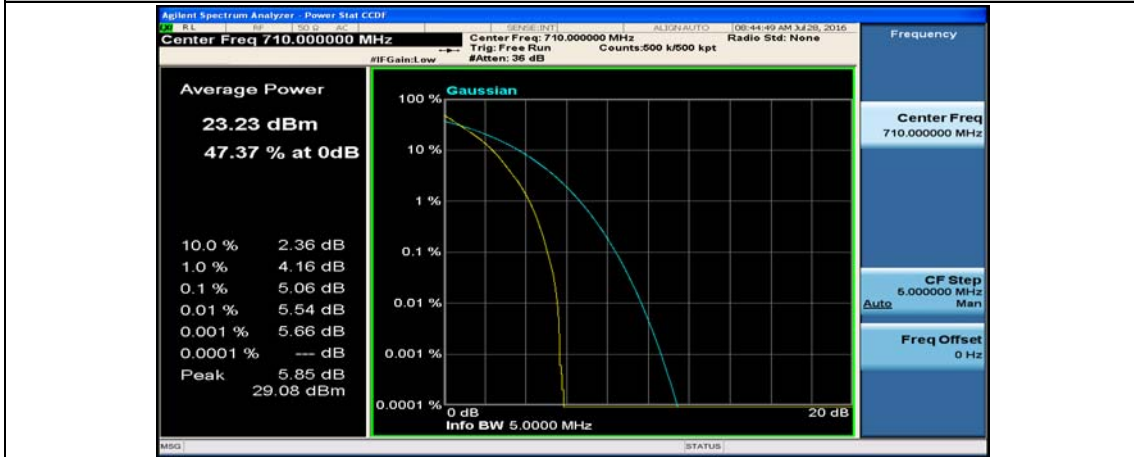
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



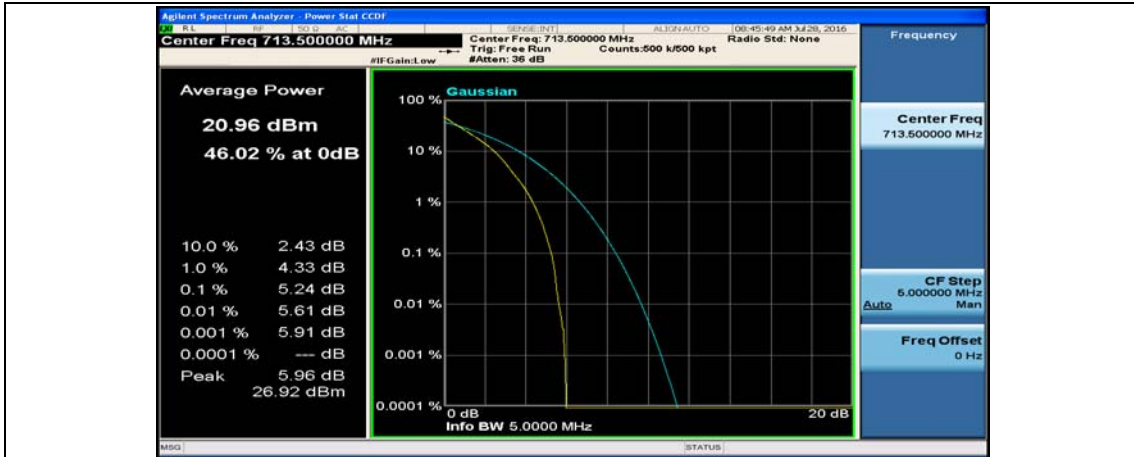
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



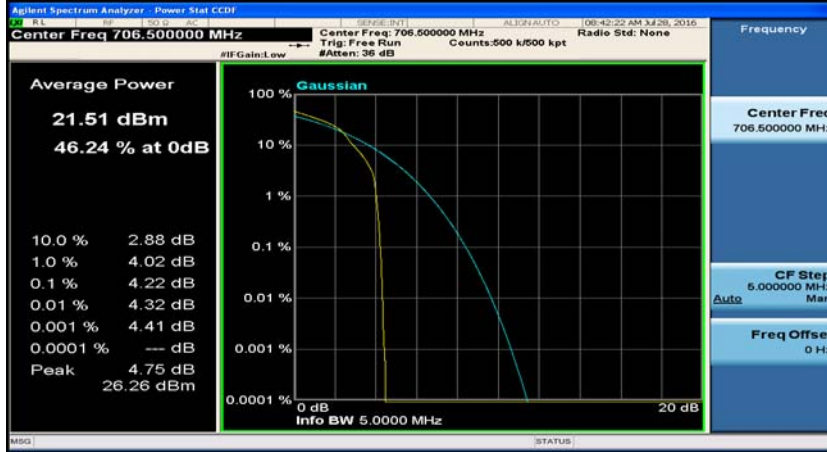
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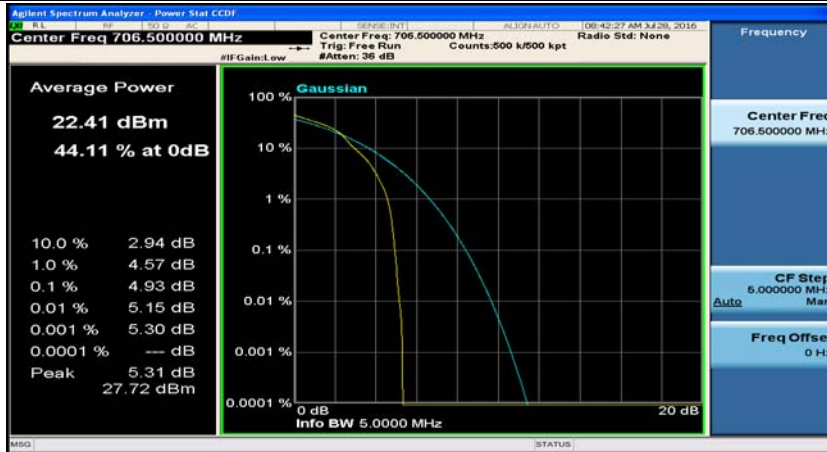
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



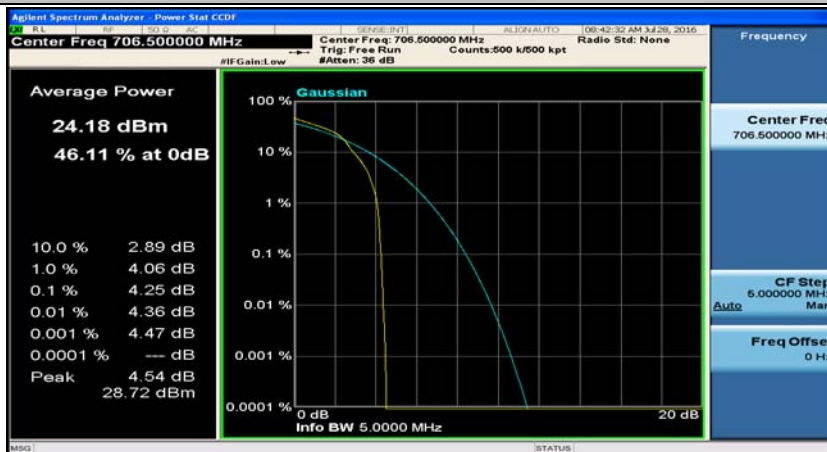
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



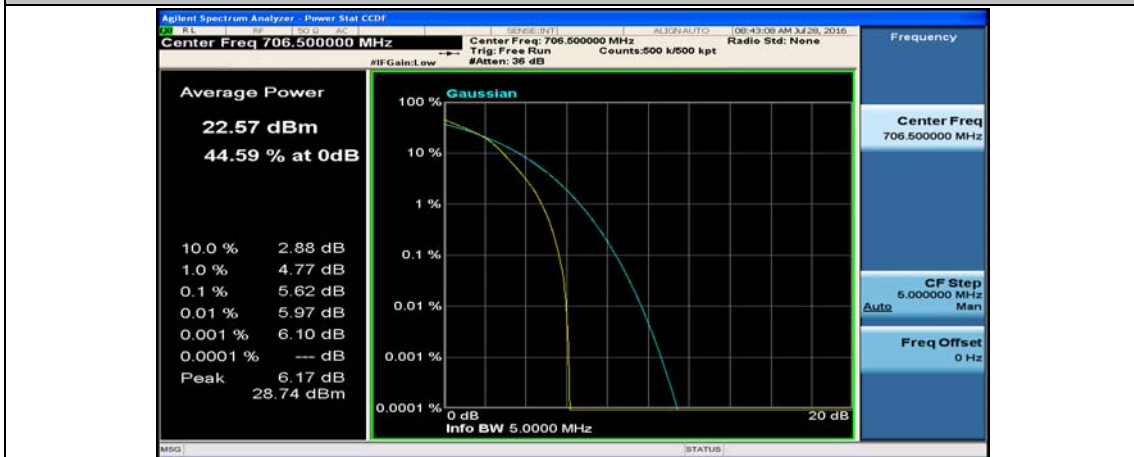
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



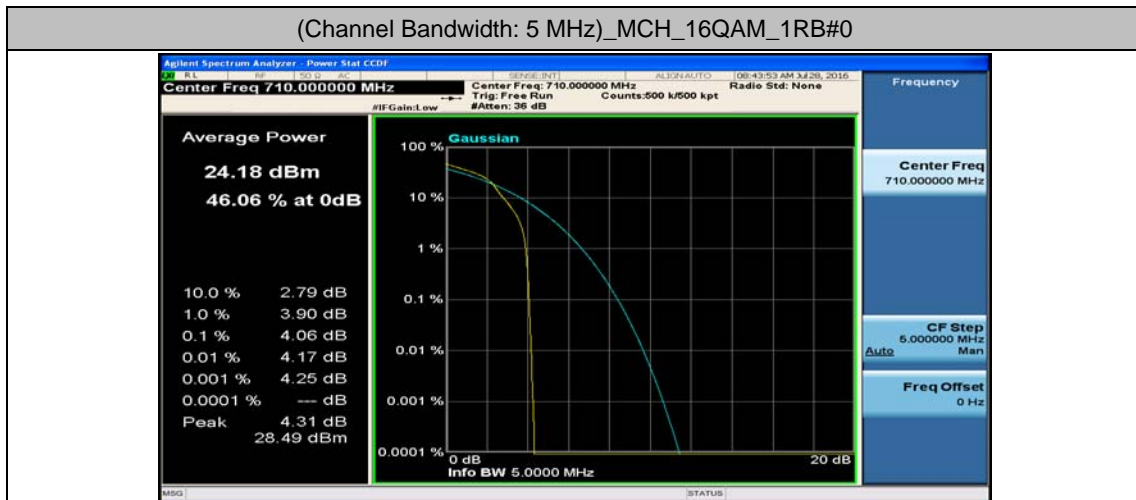
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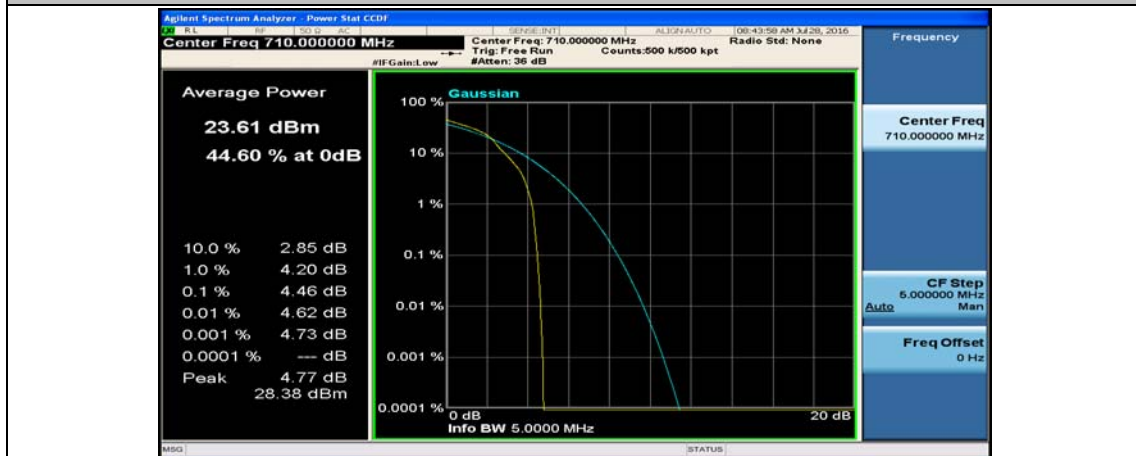
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



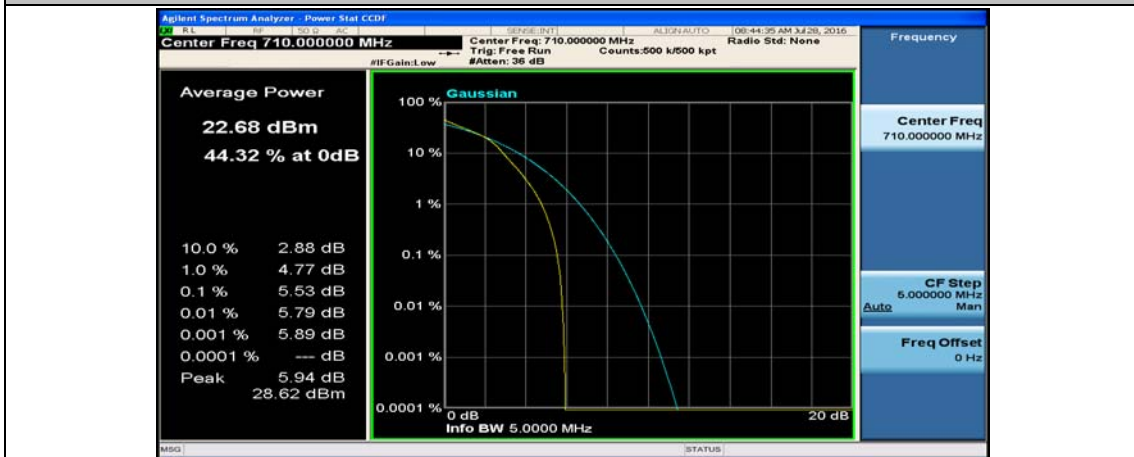
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



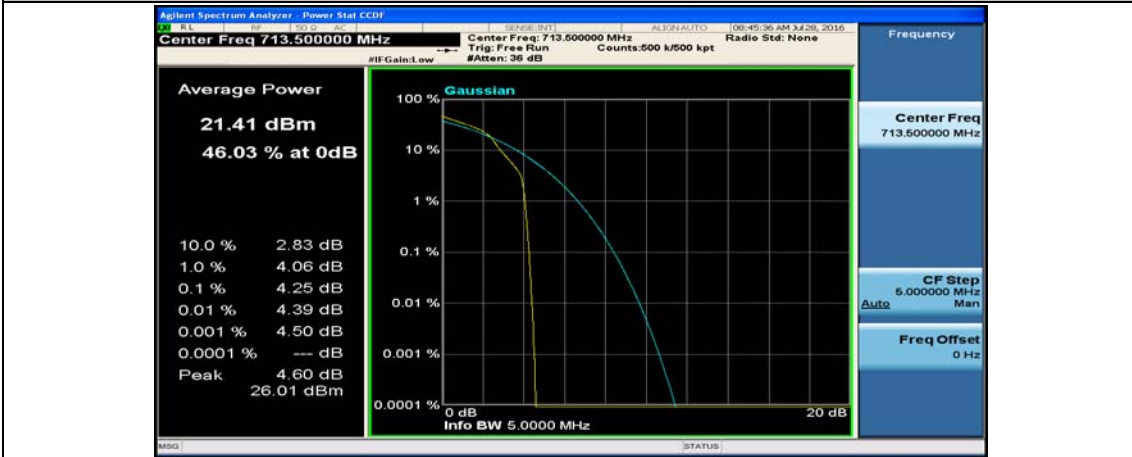
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



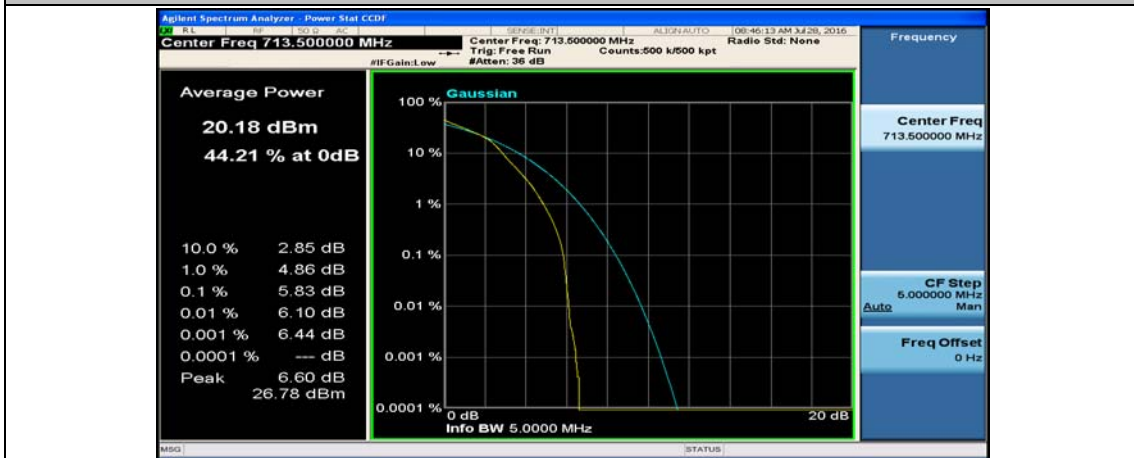
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



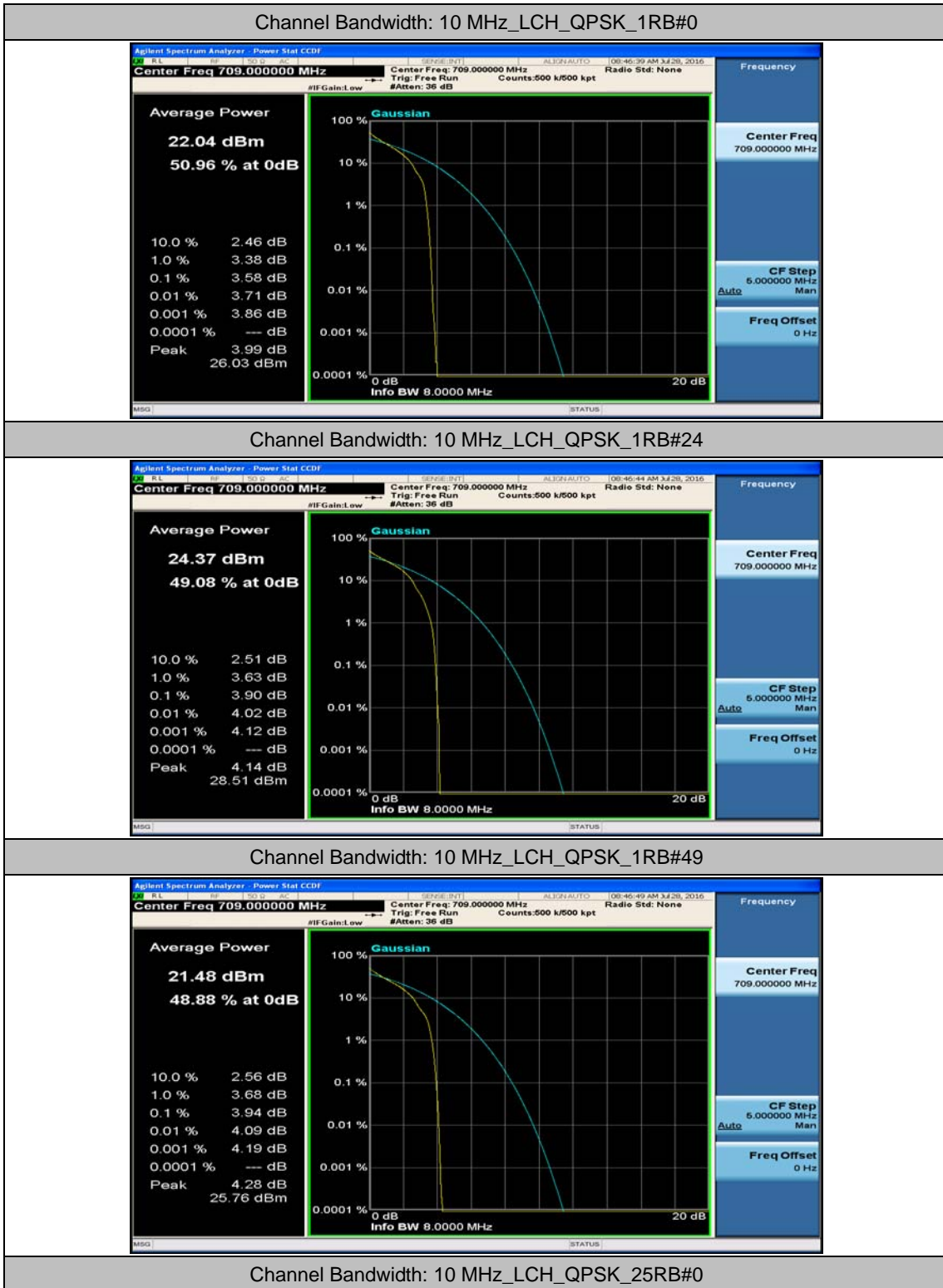
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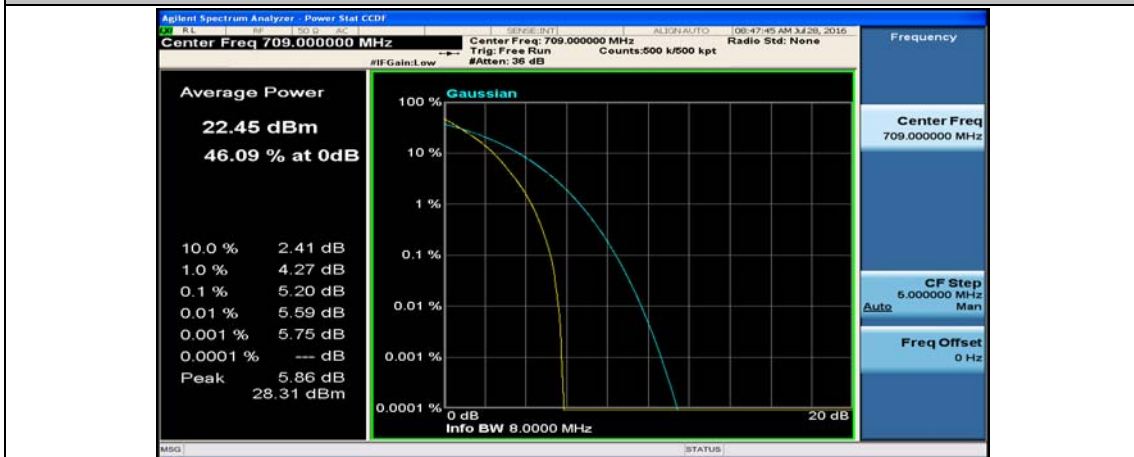
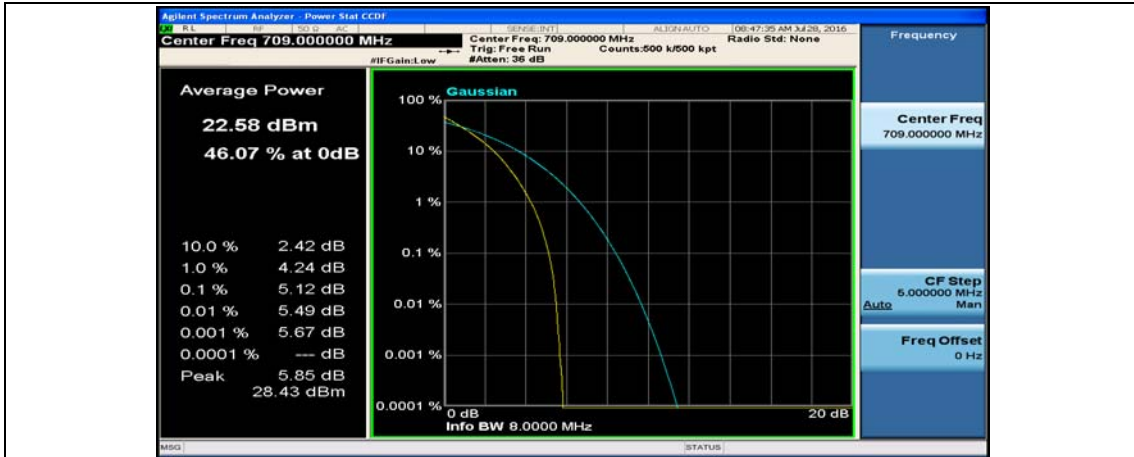


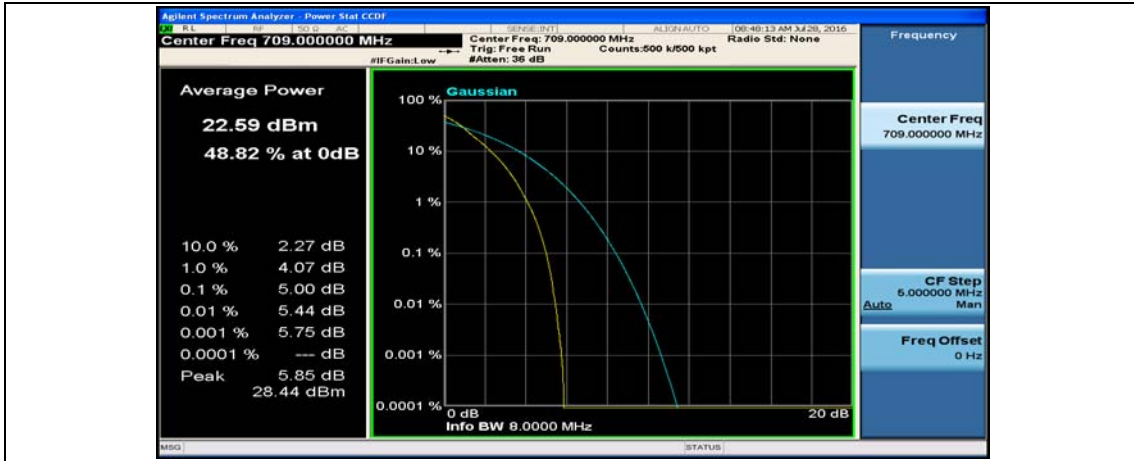
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz







Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



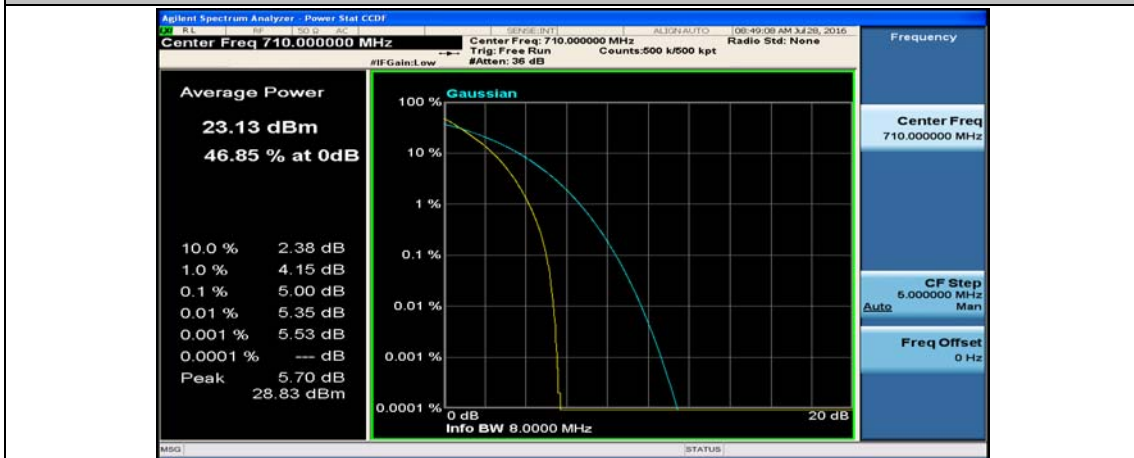
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



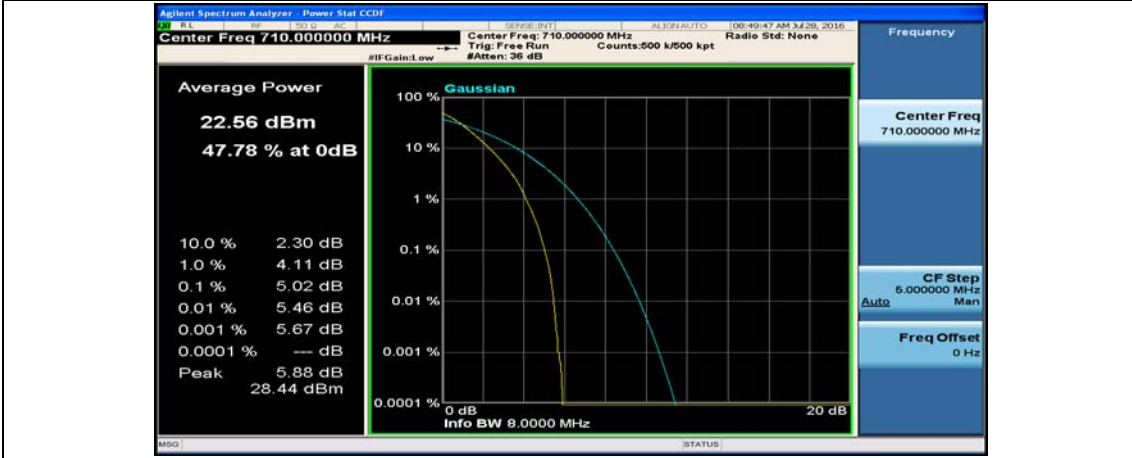
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



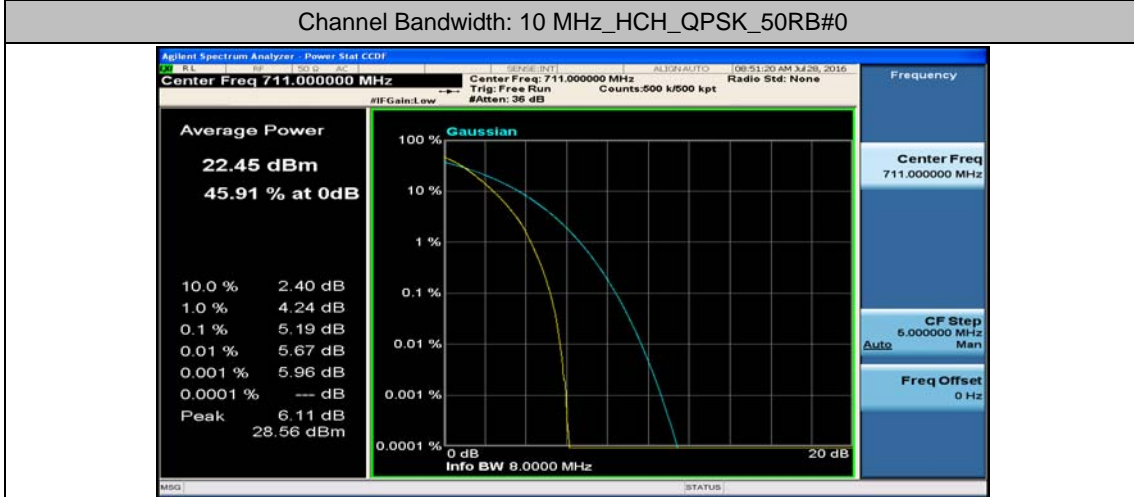
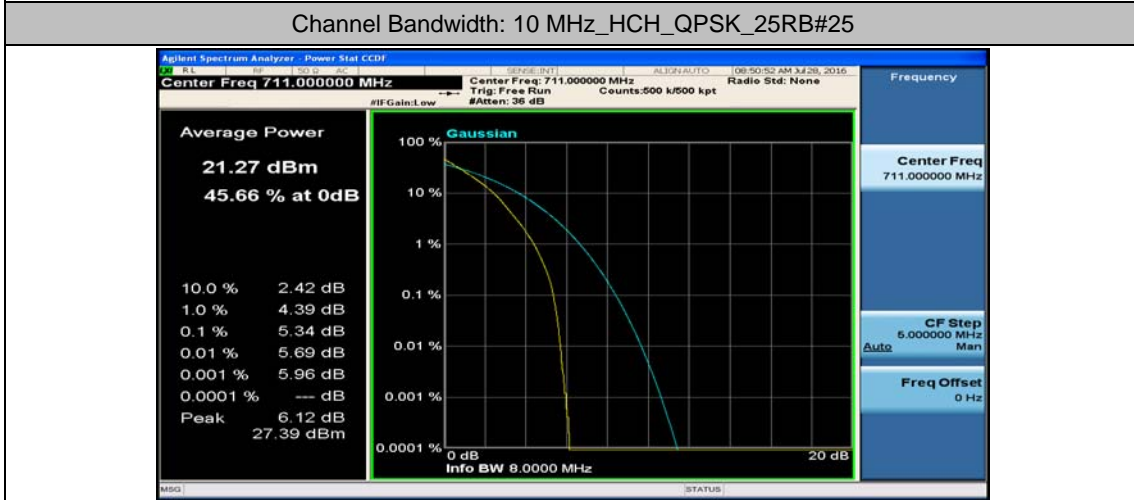
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



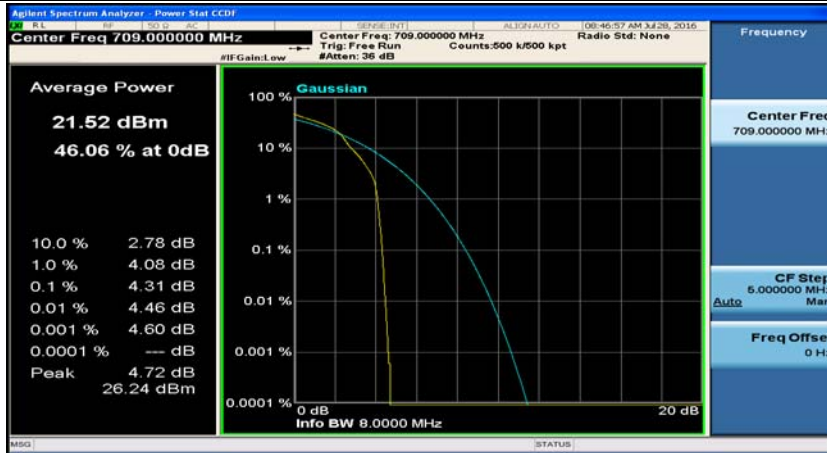
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



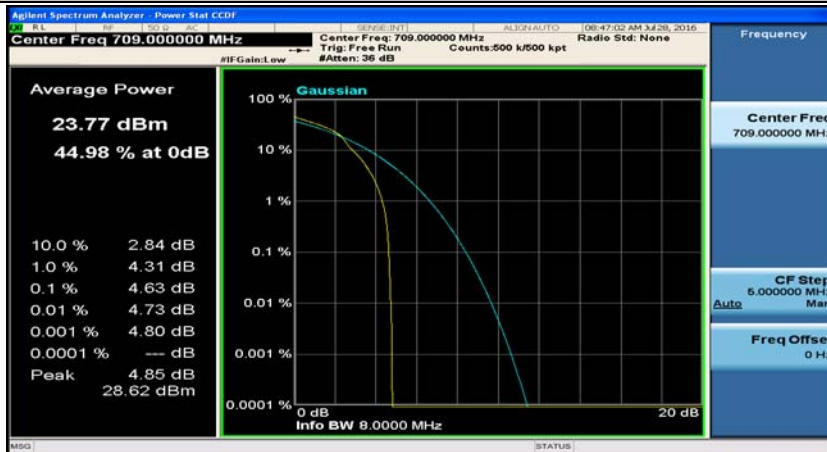
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_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

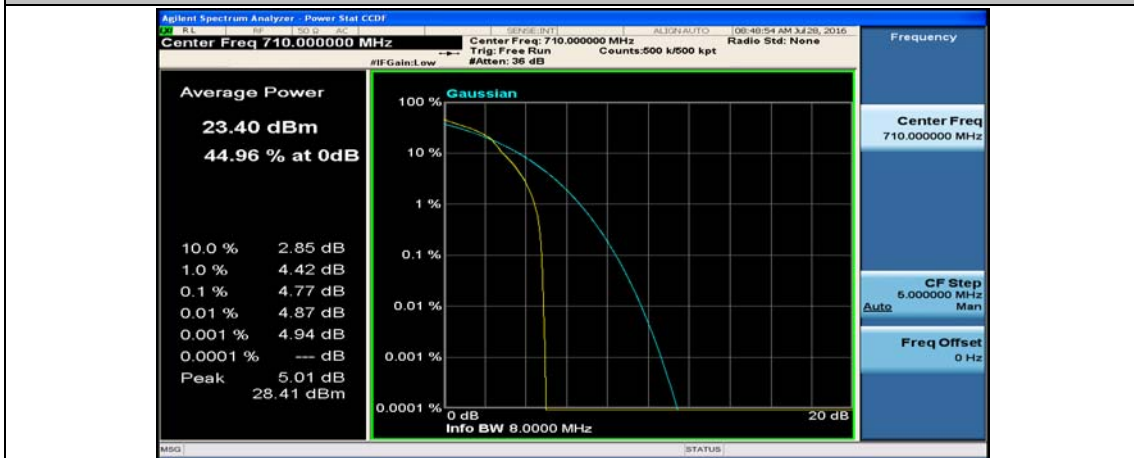




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

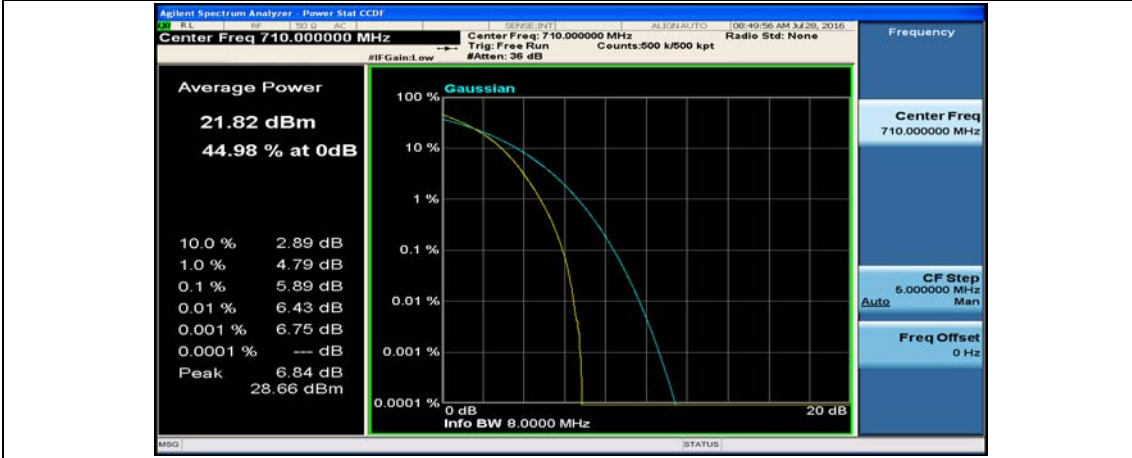


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

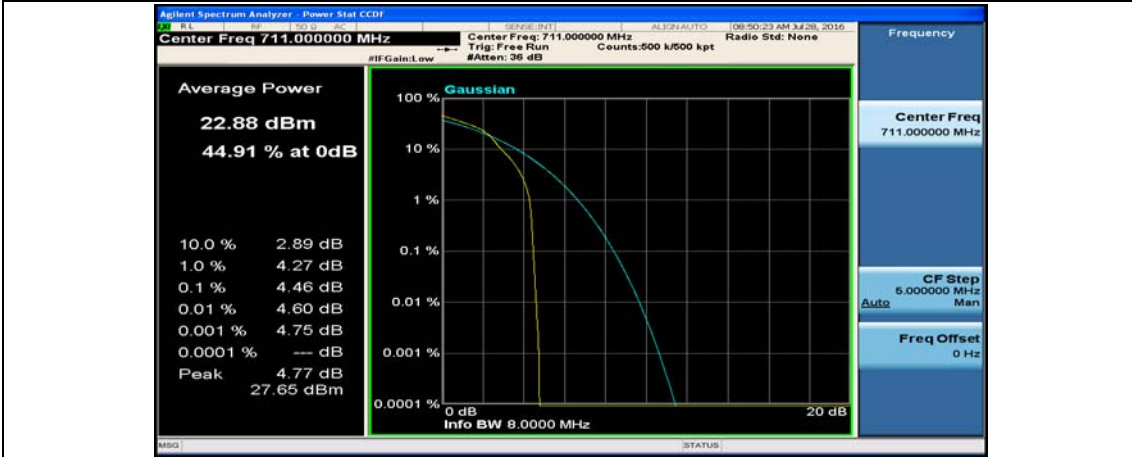




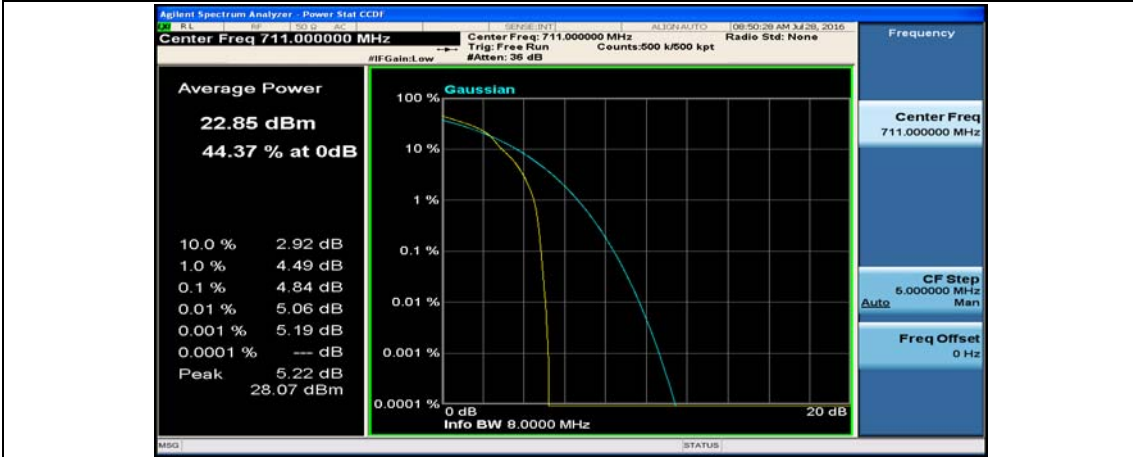
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



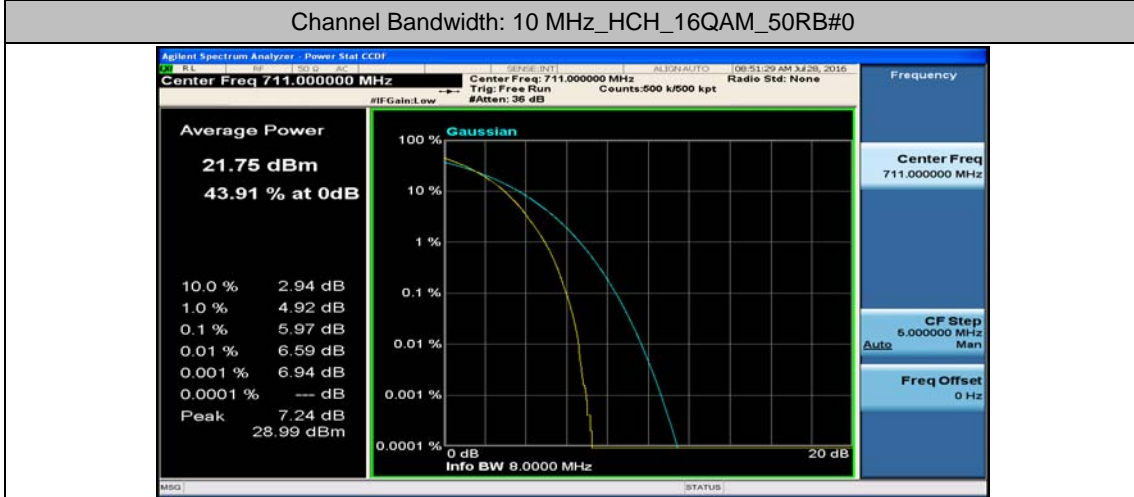
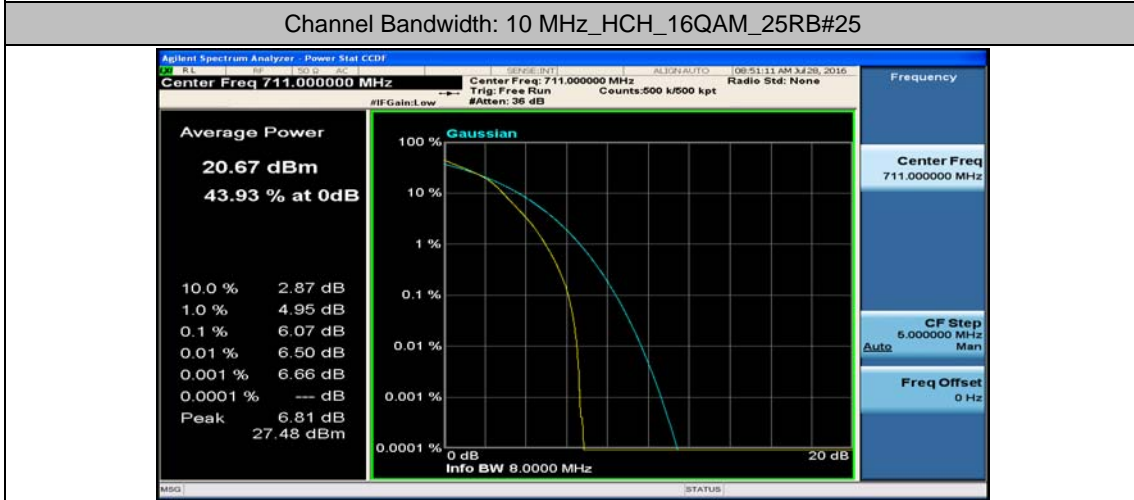
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

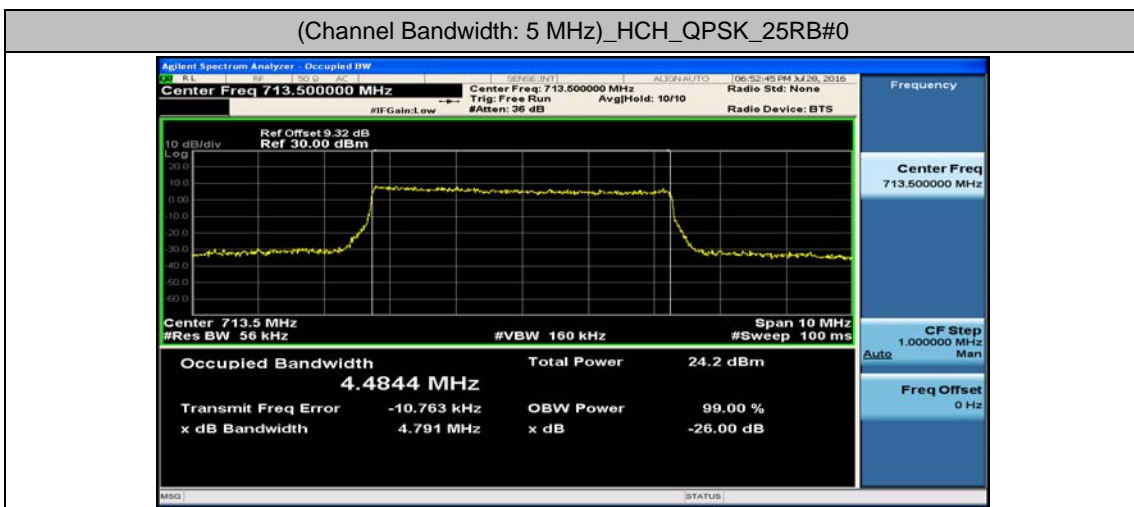
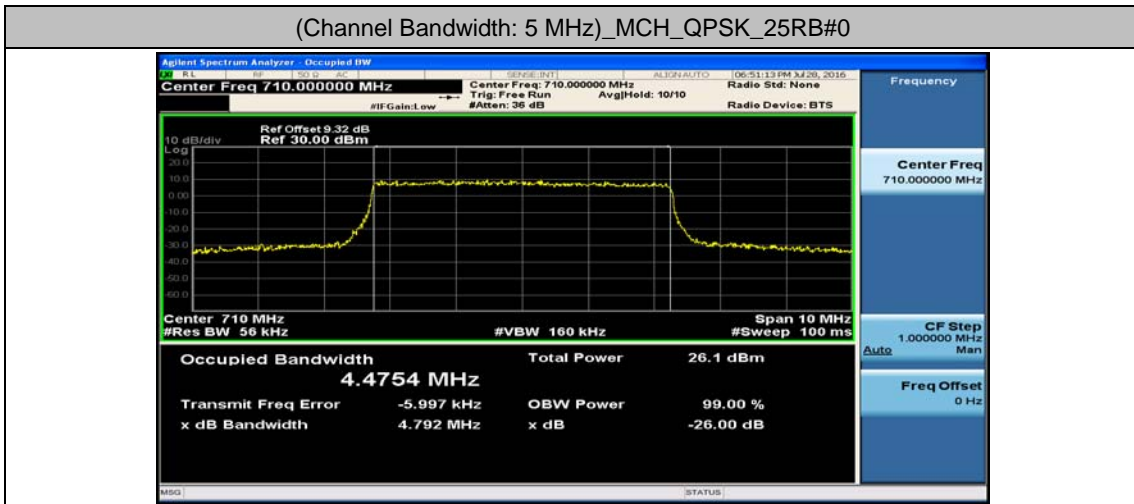
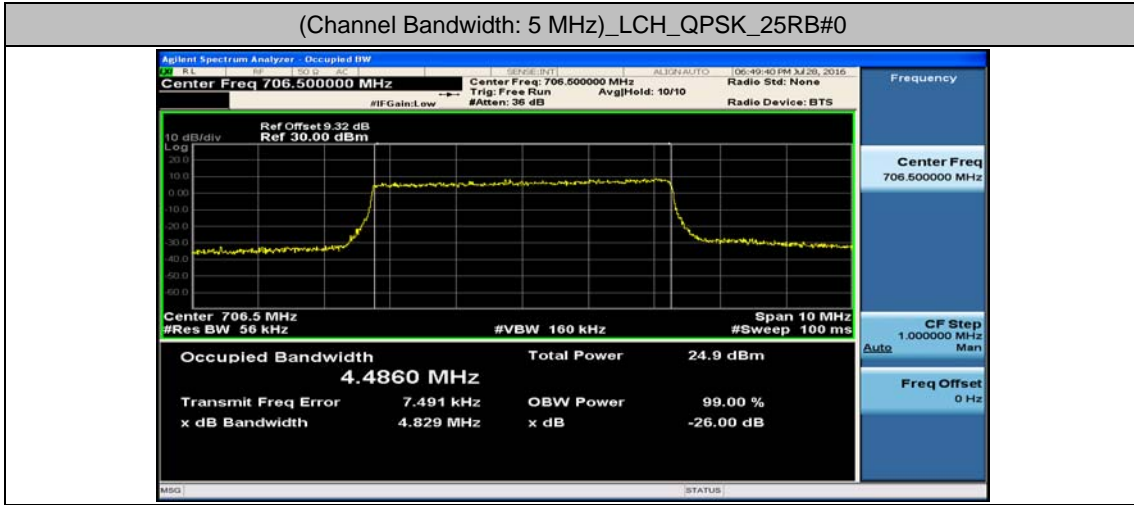
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4860	4.829	PASS
	MCH	25	0	4.4754	4.792	PASS
	HCH	25	0	4.4844	4.791	PASS
16QAM	LCH	25	0	4.4726	4.818	PASS
	MCH	25	0	4.4679	4.831	PASS
	HCH	25	0	4.4890	4.813	PASS

Channel Bandwidth: 10 MHz

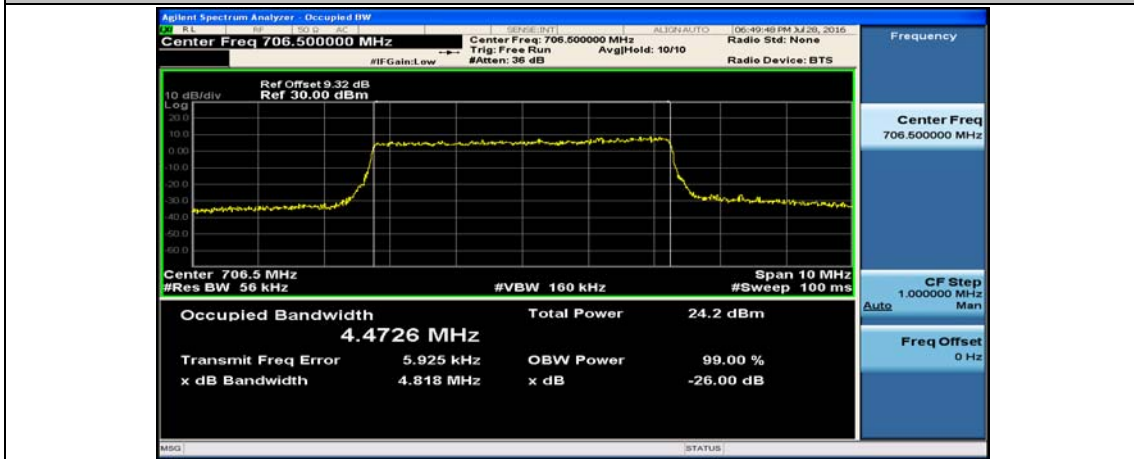
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9040	9.347	PASS
	MCH	50	0	8.9053	9.388	PASS
	HCH	50	0	8.9028	9.353	PASS
16QAM	LCH	50	0	8.8844	9.288	PASS
	MCH	50	0	8.9052	9.391	PASS
	HCH	50	0	8.9166	9.310	PASS

Test Graphs

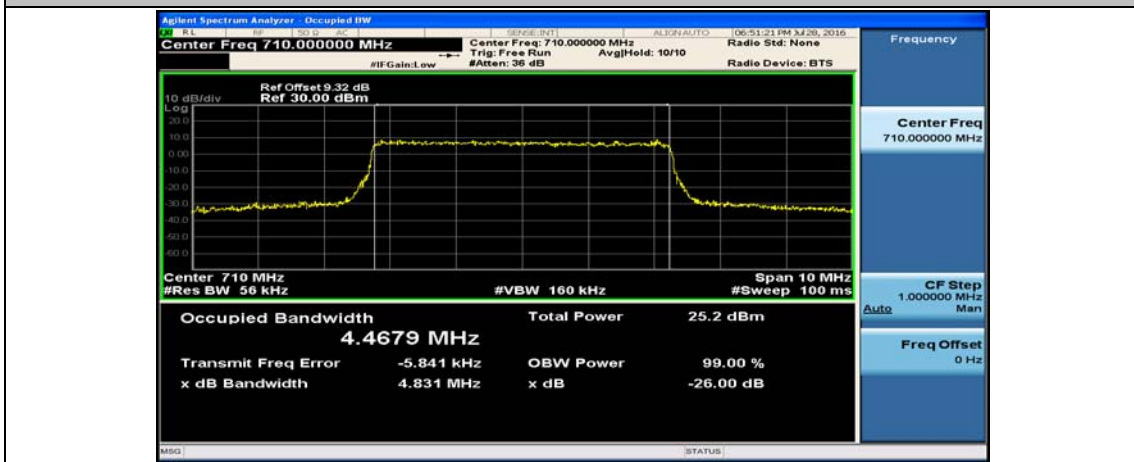
Channel Bandwidth: 5 MHz



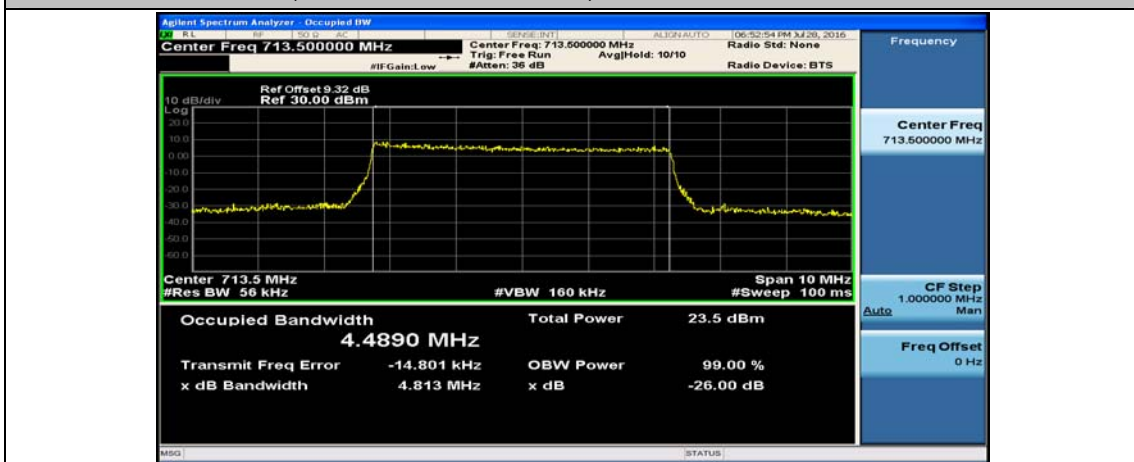
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



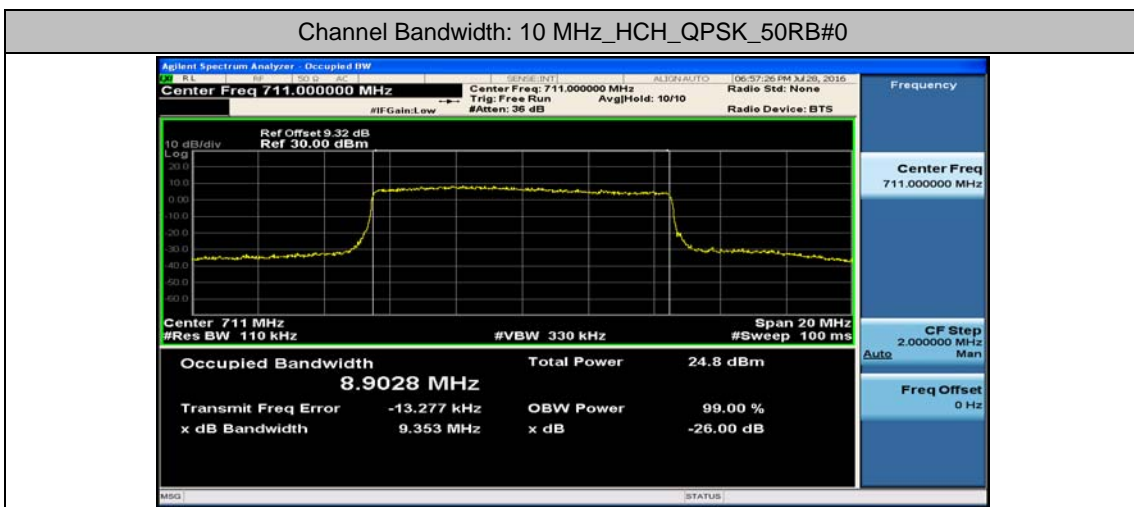
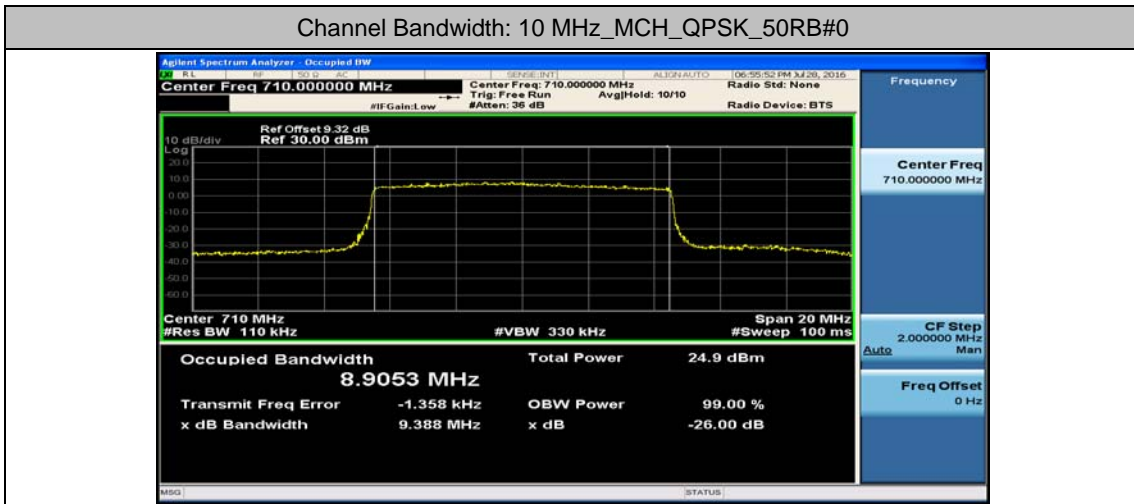
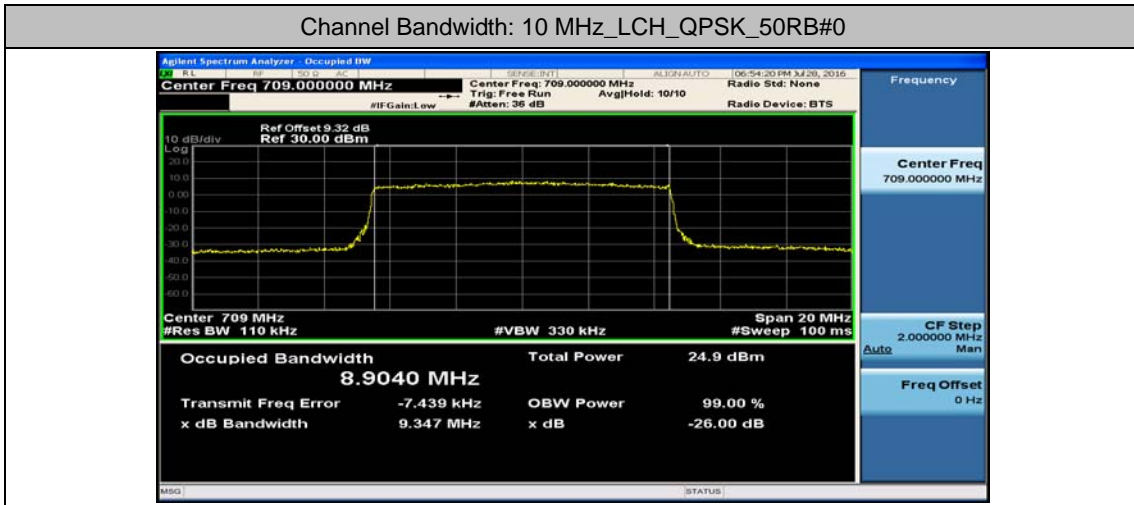
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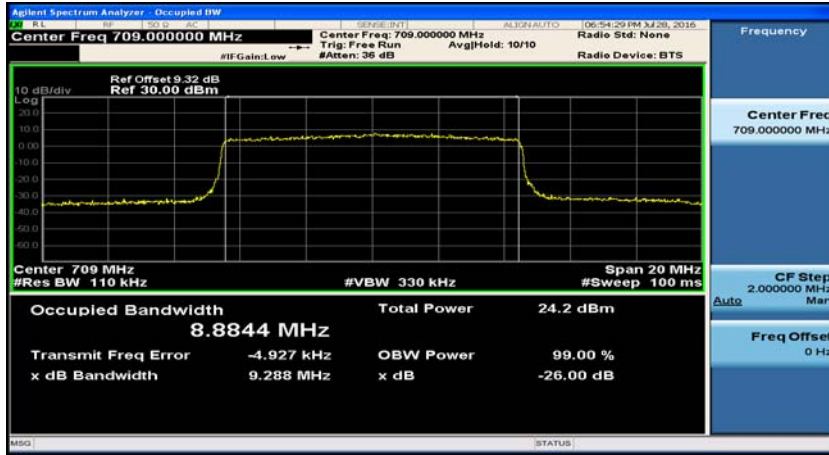
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



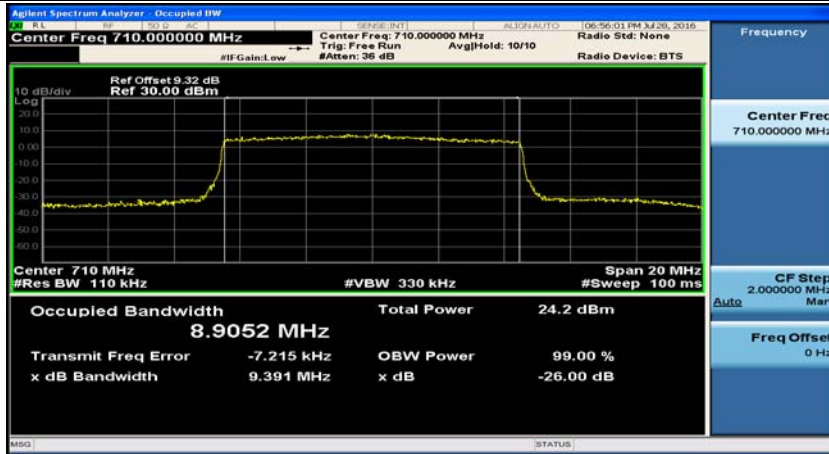
Channel Bandwidth: 10 MHz



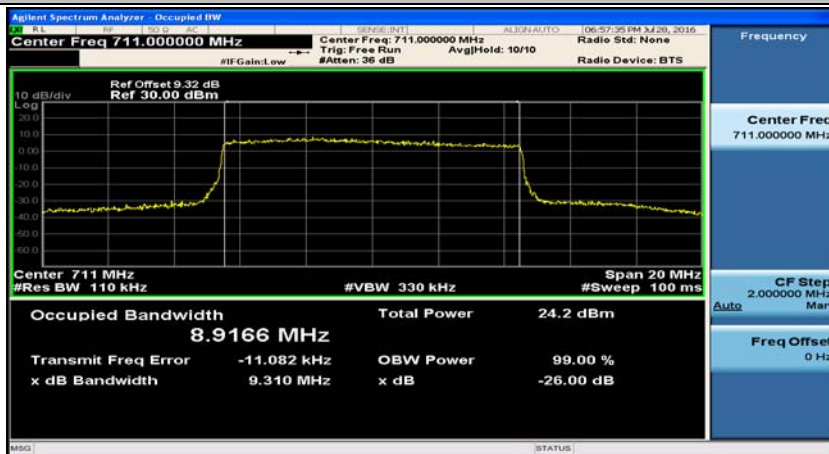
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



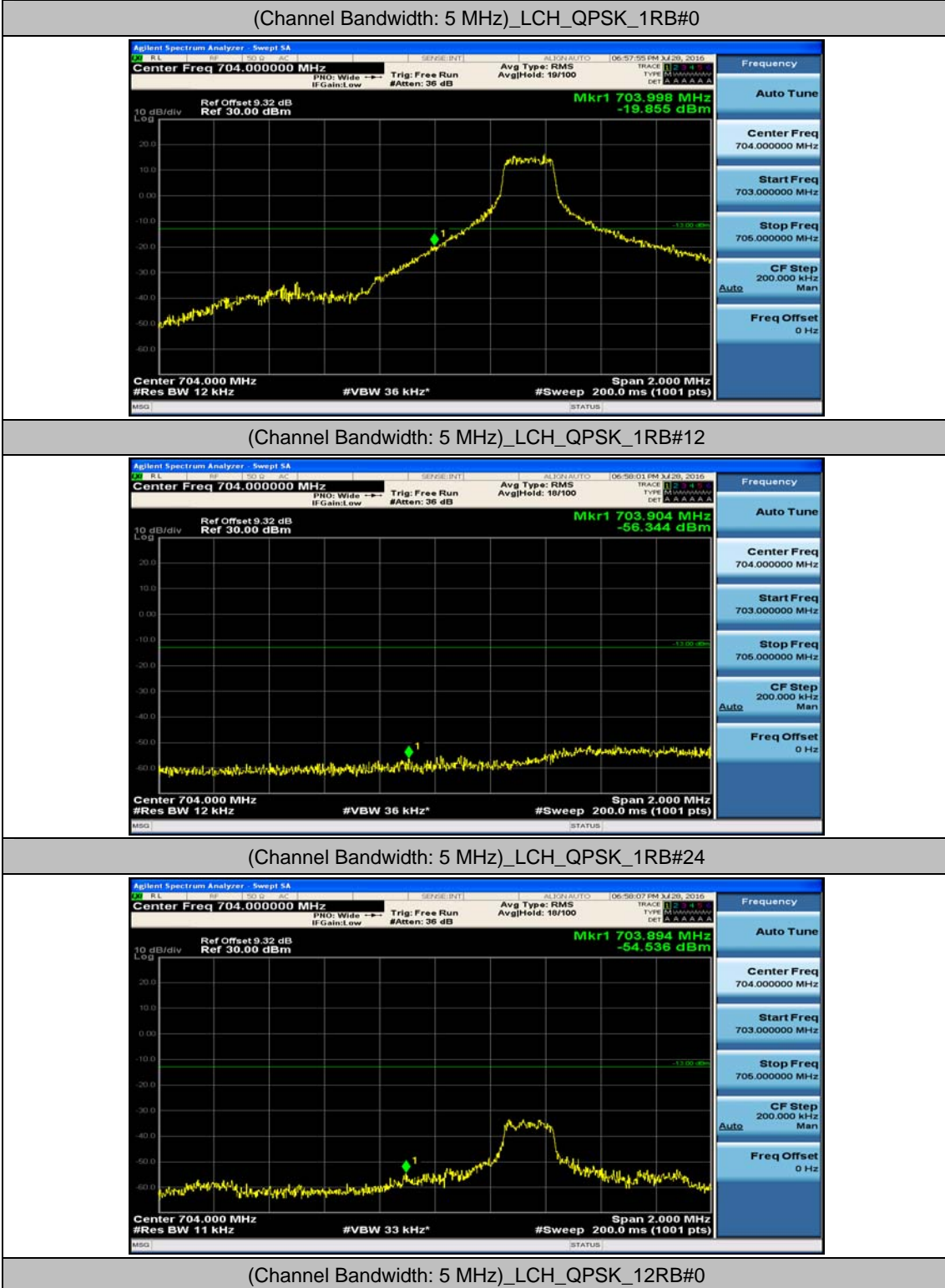
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



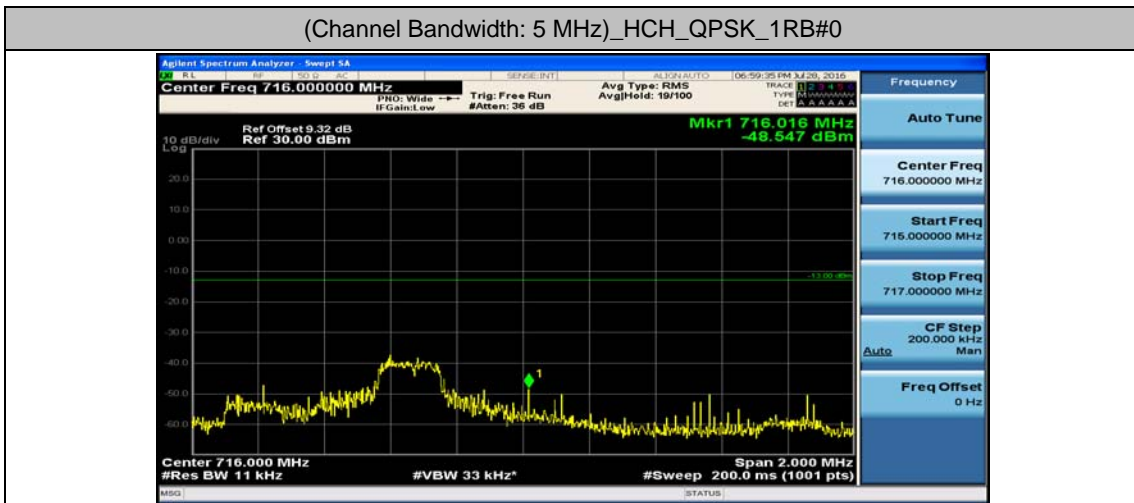
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



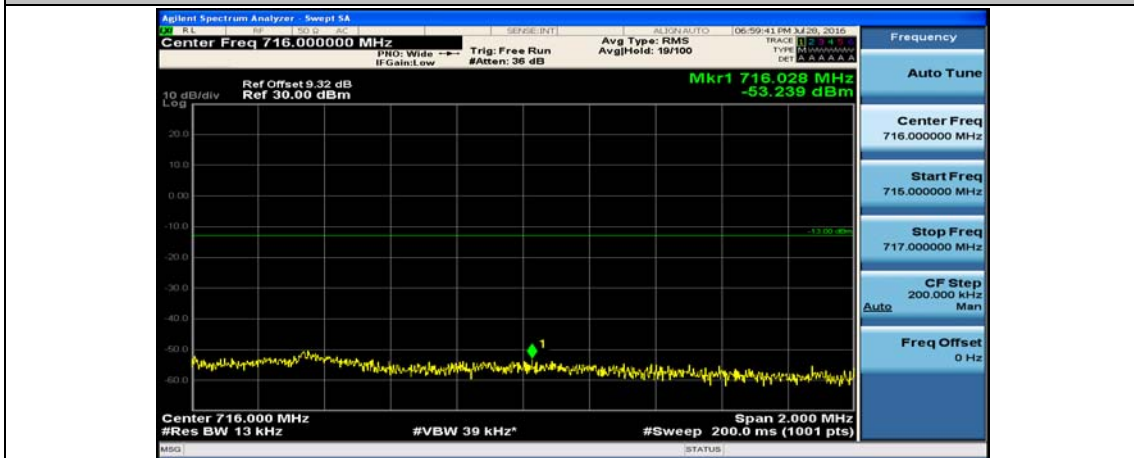
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



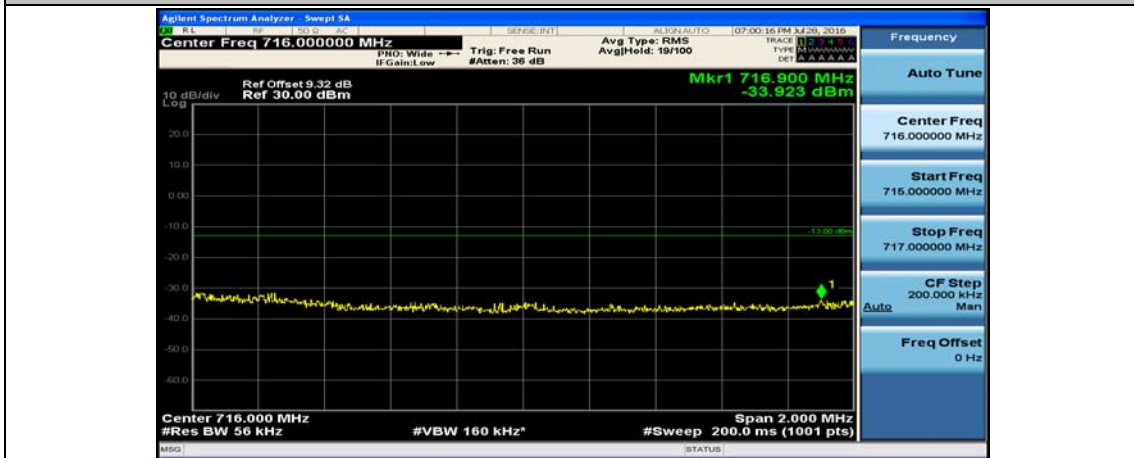
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



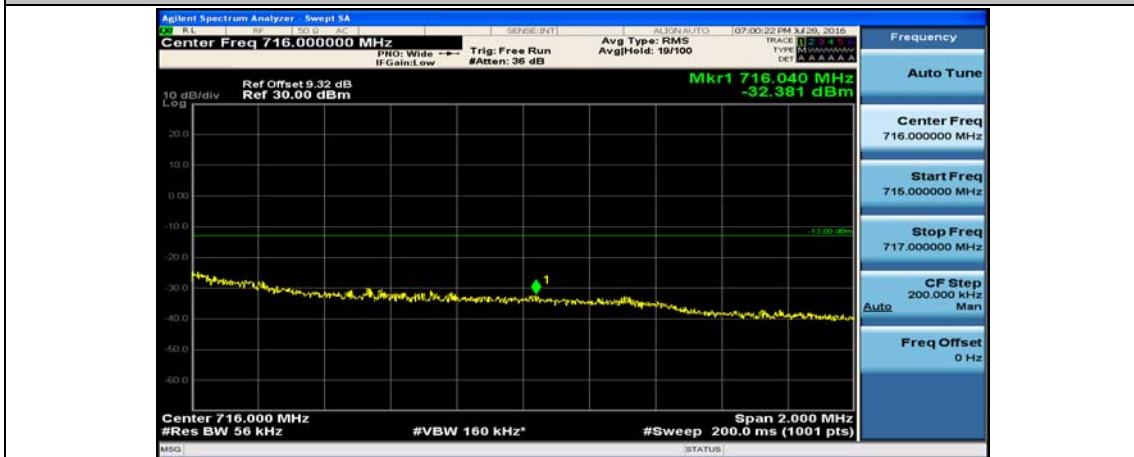
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



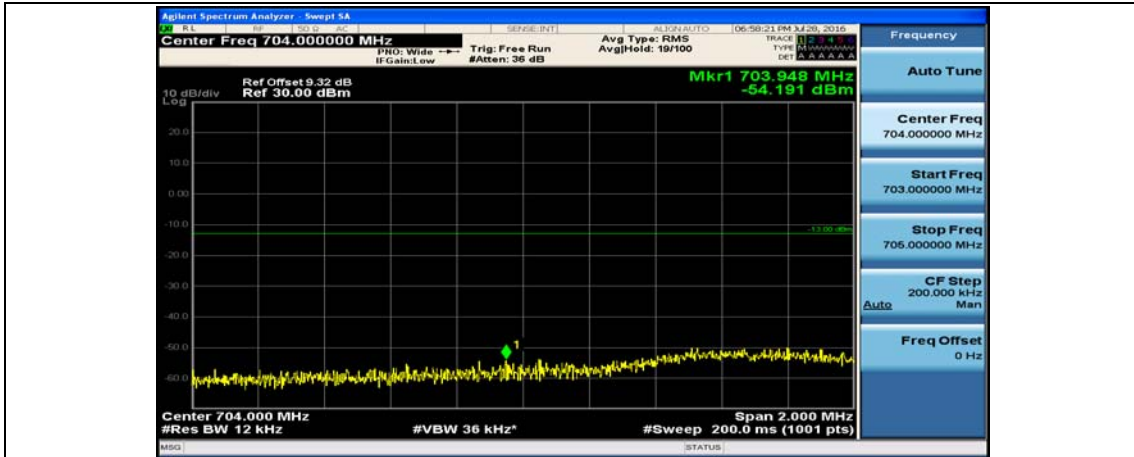
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



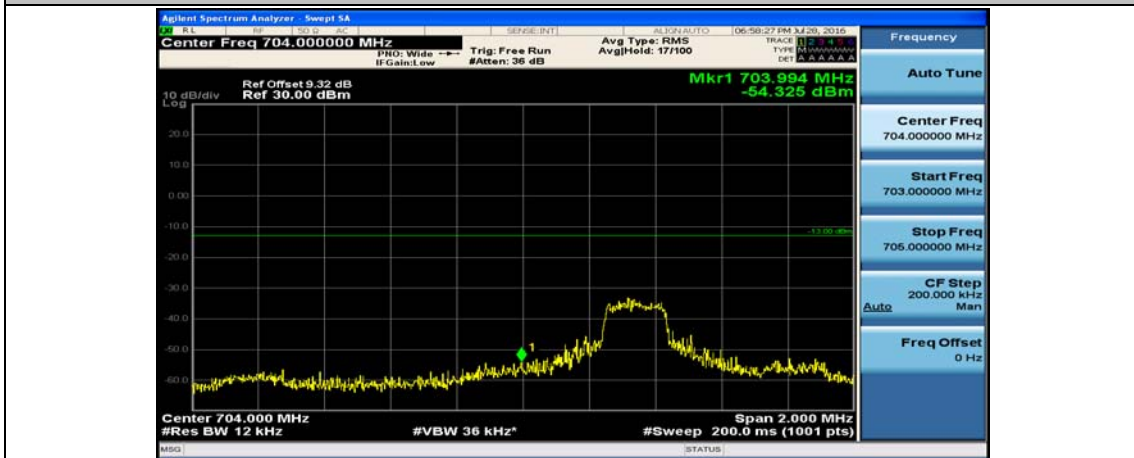
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



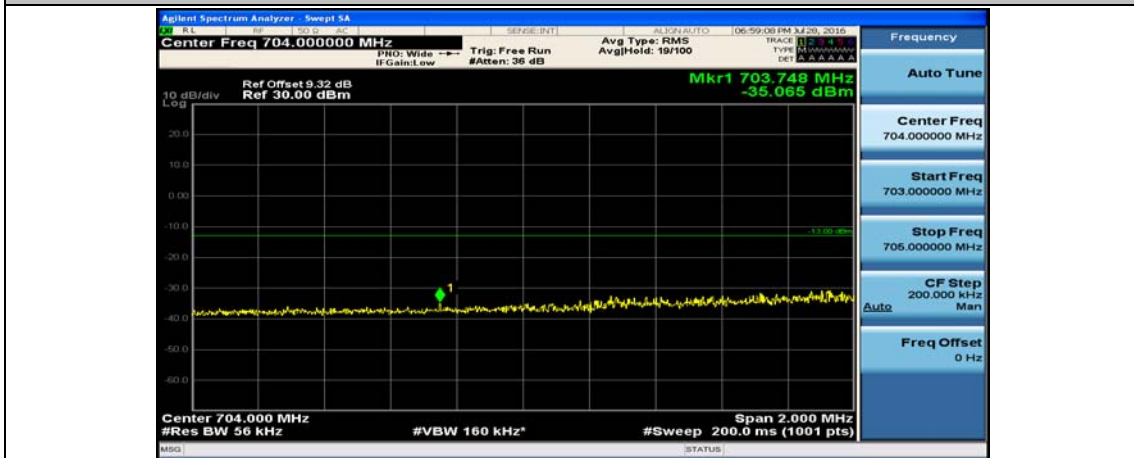
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



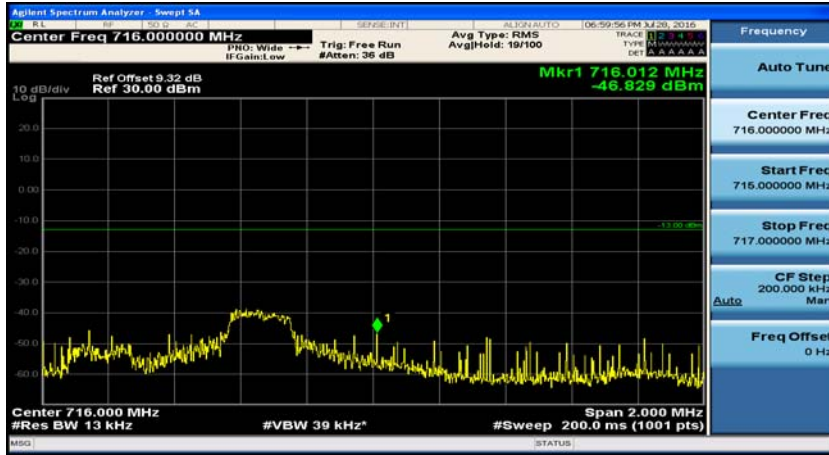
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



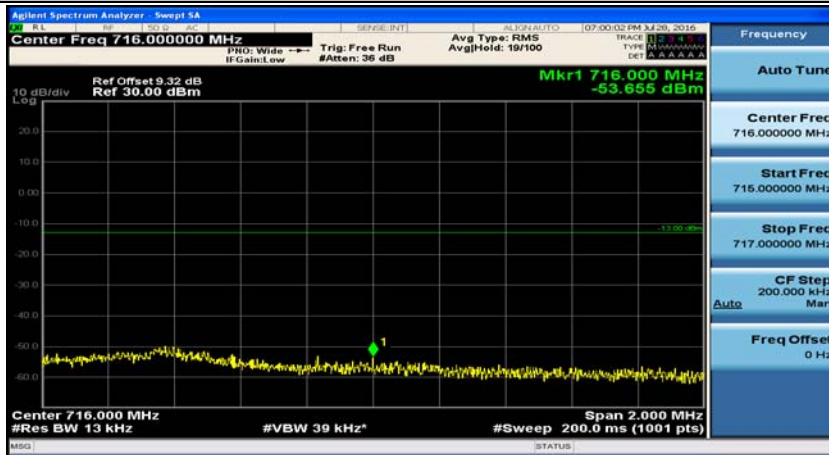
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



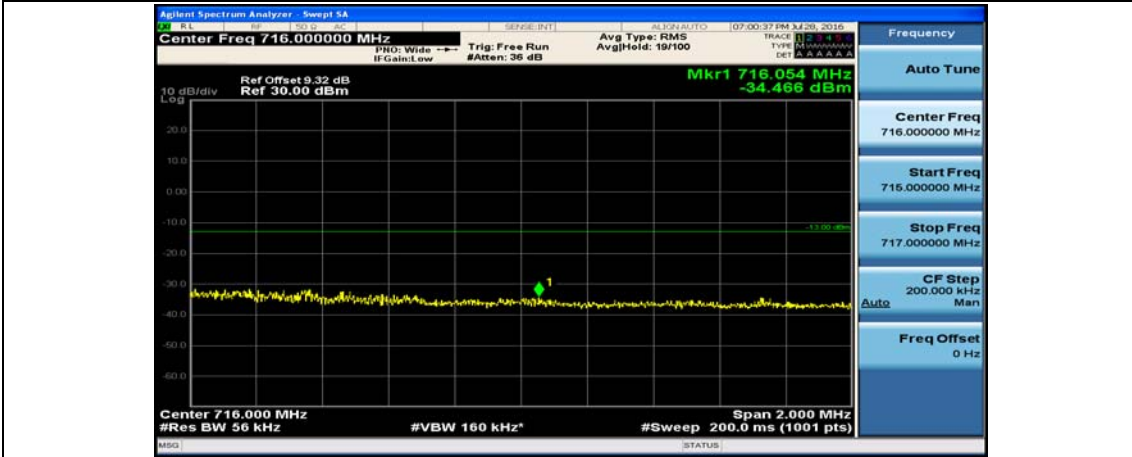
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



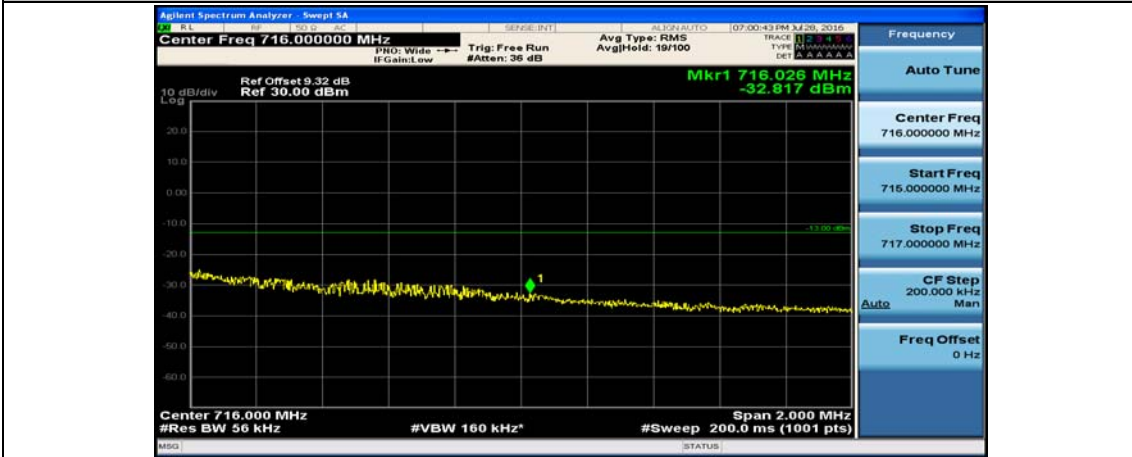
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



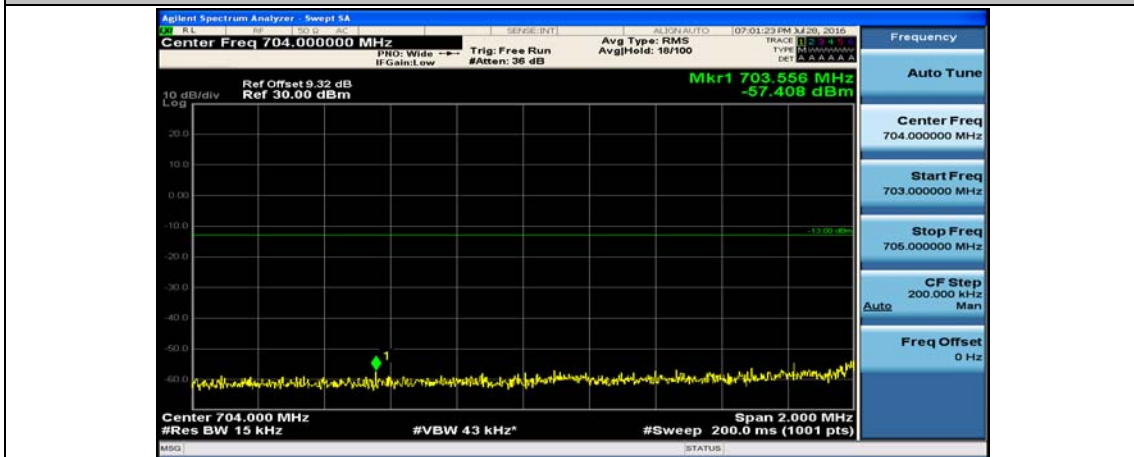
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



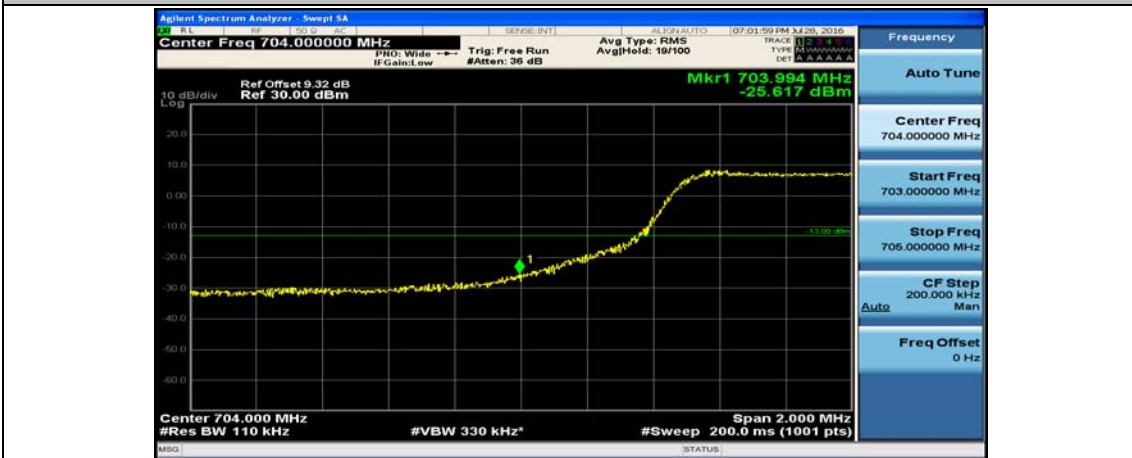
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



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