

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	4.75	<13	PASS
		1	12	5.06	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.97	<13	PASS
		12	13	5.91	<13	PASS
		25	0	5.81	<13	PASS
	MCH	1	0	4.98	<13	PASS
		1	12	4.2	<13	PASS
		1	24	3.89	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.31	<13	PASS
		12	13	5.02	<13	PASS
		25	0	5.34	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	12	3.5	<13	PASS
		1	24	3.3	<13	PASS
		12	0	4.73	<13	PASS
		12	6	4.58	<13	PASS
		12	13	4.49	<13	PASS
		25	0	4.73	<13	PASS
16QAM	LCH	1	0	5.54	<13	PASS
		1	12	5.82	<13	PASS
		1	24	5.56	<13	PASS
		12	0	6.61	<13	PASS
		12	6	6.72	<13	PASS
		12	13	6.68	<13	PASS
		25	0	6.64	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	12	4.92	<13	PASS
		1	24	4.6	<13	PASS
		12	0	6.49	<13	PASS
		12	6	6.24	<13	PASS
		12	13	5.92	<13	PASS

		25	0	6.22	<13	PASS
	HCH	1	0	5.01	<13	PASS
		1	12	4.55	<13	PASS
		1	24	4.45	<13	PASS
		12	0	5.57	<13	PASS
		12	6	5.41	<13	PASS
		12	13	5.38	<13	PASS
		25	0	5.57	<13	PASS

Channel Bandwidth: 10 MHz

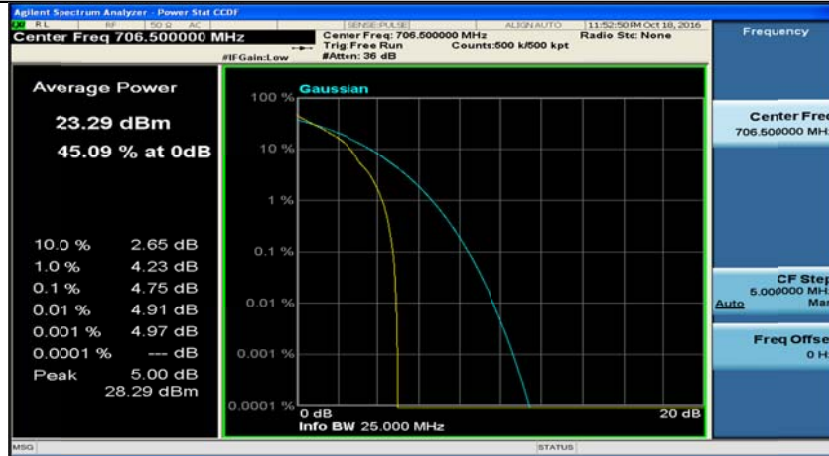
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.78	<13	PASS
		1	24	4.57	<13	PASS
		1	49	3.58	<13	PASS
		25	0	5.86	<13	PASS
		25	12	5.55	<13	PASS
		25	25	5.03	<13	PASS
		50	0	5.4	<13	PASS
	MCH	1	0	5.05	<13	PASS
		1	24	4.19	<13	PASS
		1	49	3.52	<13	PASS
		25	0	5.8	<13	PASS
		25	12	5.33	<13	PASS
		25	25	4.87	<13	PASS
		50	0	5.34	<13	PASS
	HCH	1	0	5.04	<13	PASS
		1	24	3.85	<13	PASS
		1	49	3.26	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.1	<13	PASS
		25	25	4.77	<13	PASS
		50	0	5.31	<13	PASS
16QAM	LCH	1	0	5.57	<13	PASS
		1	24	5.41	<13	PASS
		1	49	4.53	<13	PASS
		25	0	6.7	<13	PASS
		25	12	6.46	<13	PASS
		25	25	5.88	<13	PASS
		50	0	6.19	<13	PASS

	MCH	1	0	5.86	<13	PASS
		1	24	5.07	<13	PASS
		1	49	4.53	<13	PASS
		25	0	6.62	<13	PASS
		25	12	6.16	<13	PASS
		25	25	5.75	<13	PASS
		50	0	6.14	<13	PASS
	HCH	1	0	5.9	<13	PASS
		1	24	4.69	<13	PASS
		1	49	4.23	<13	PASS
		25	0	6.49	<13	PASS
		25	12	5.95	<13	PASS
		25	25	5.59	<13	PASS
		50	0	6.1	<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



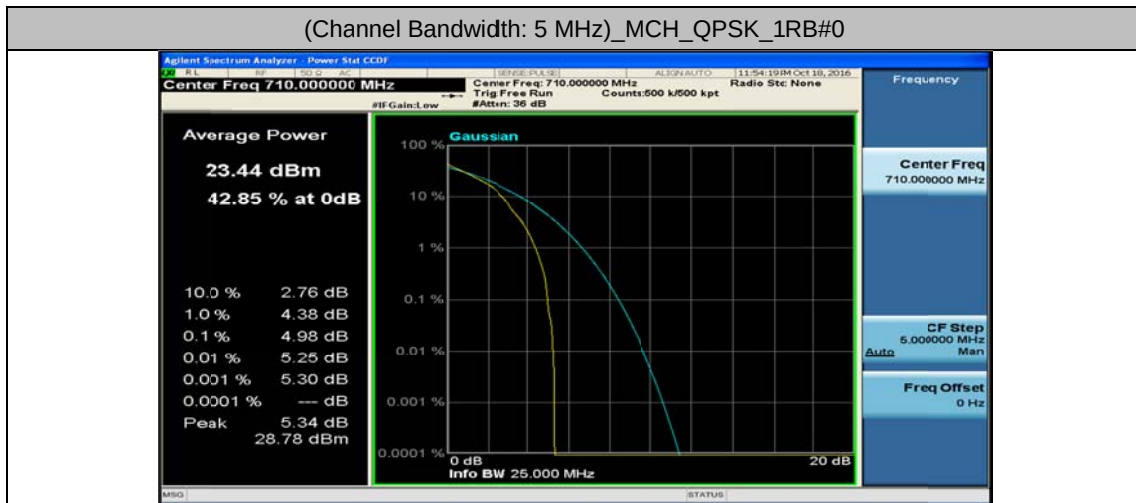
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



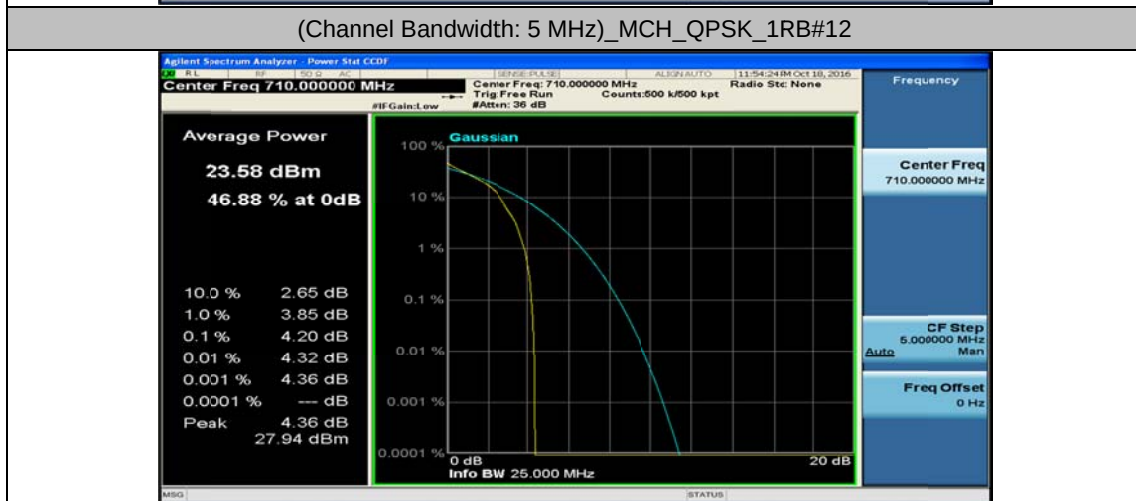
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



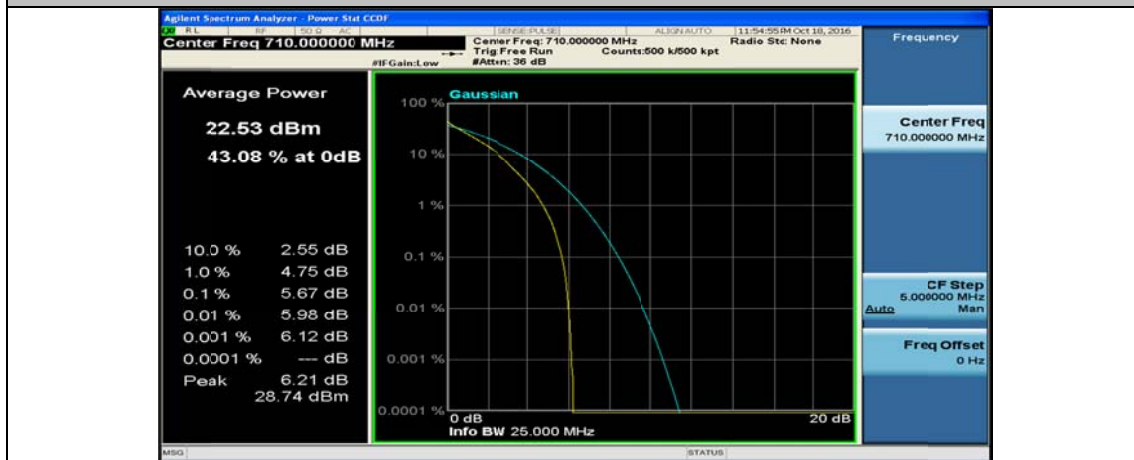
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



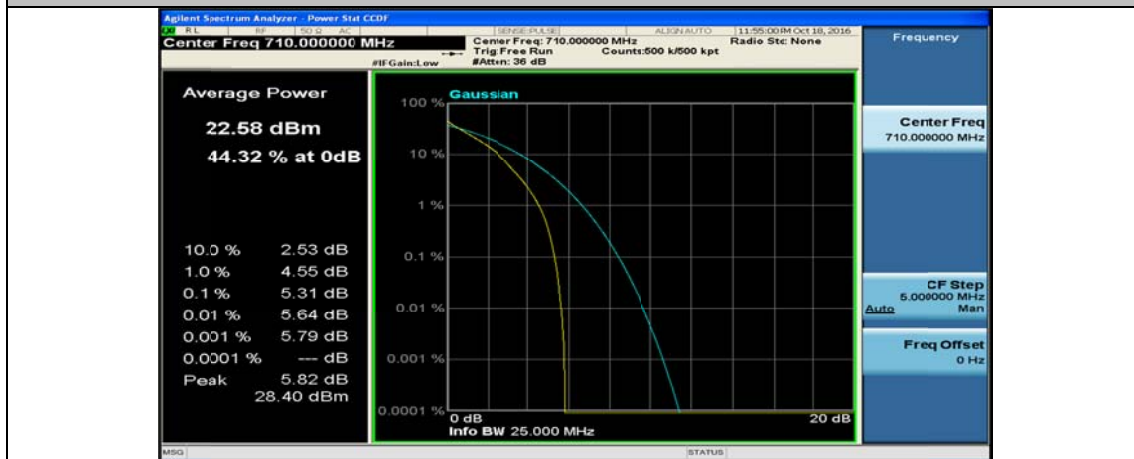
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



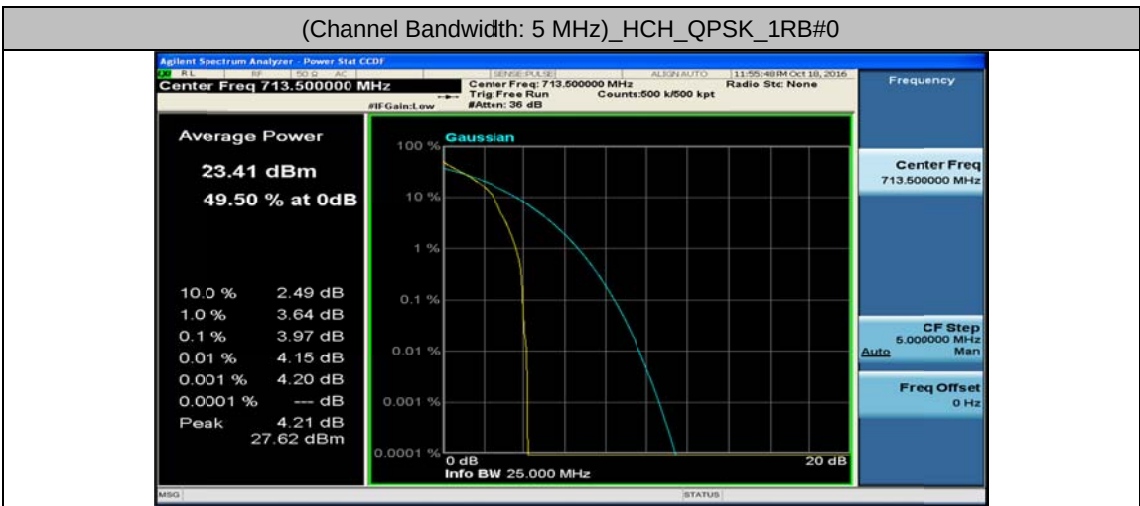
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



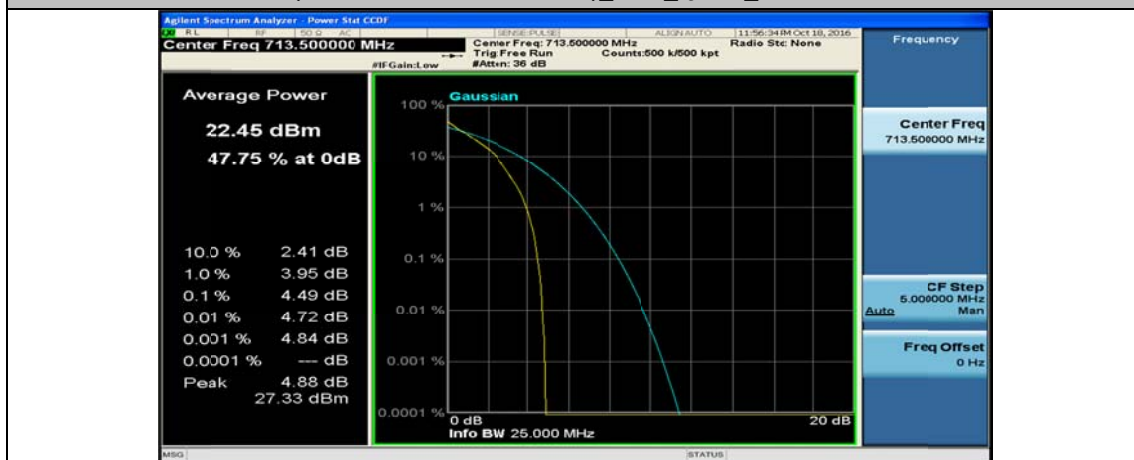
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



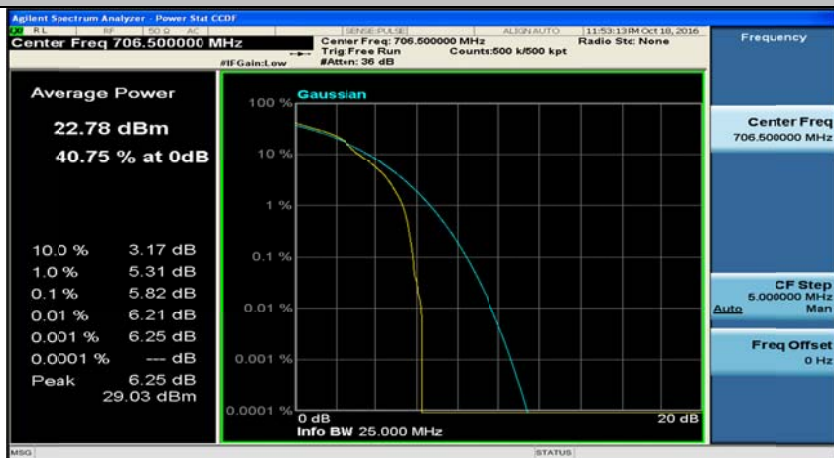
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



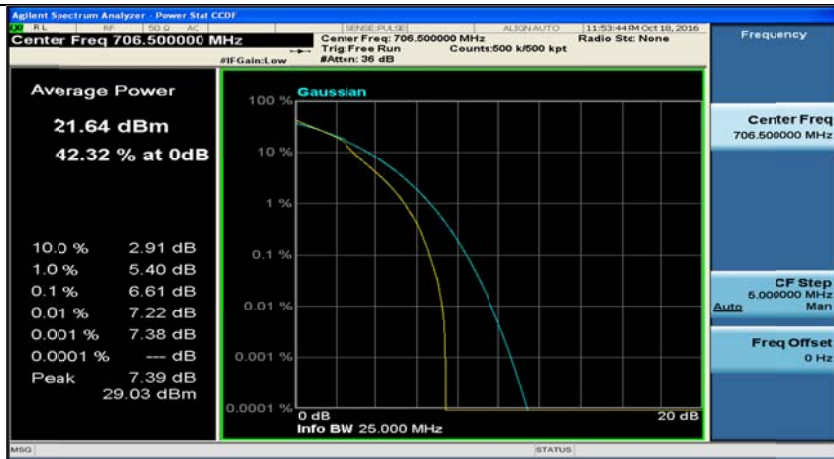
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



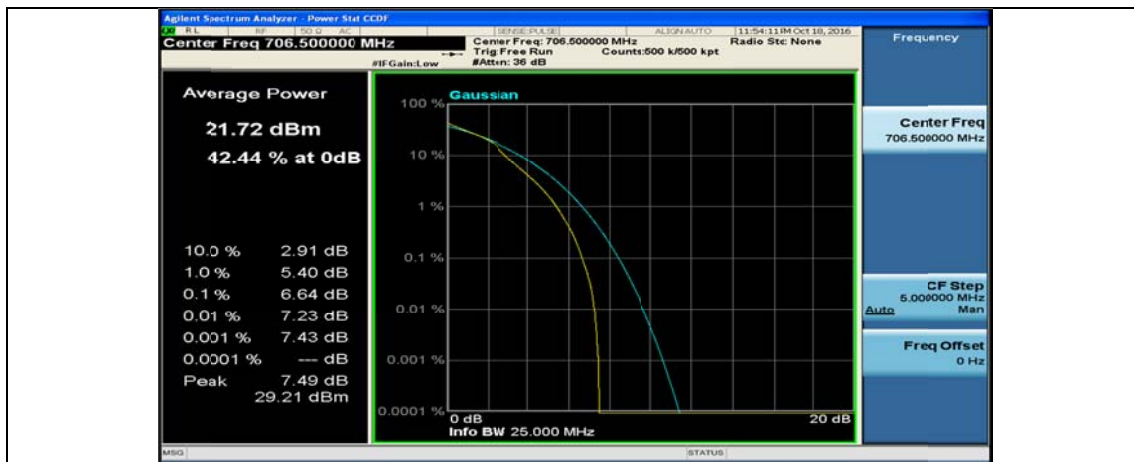
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



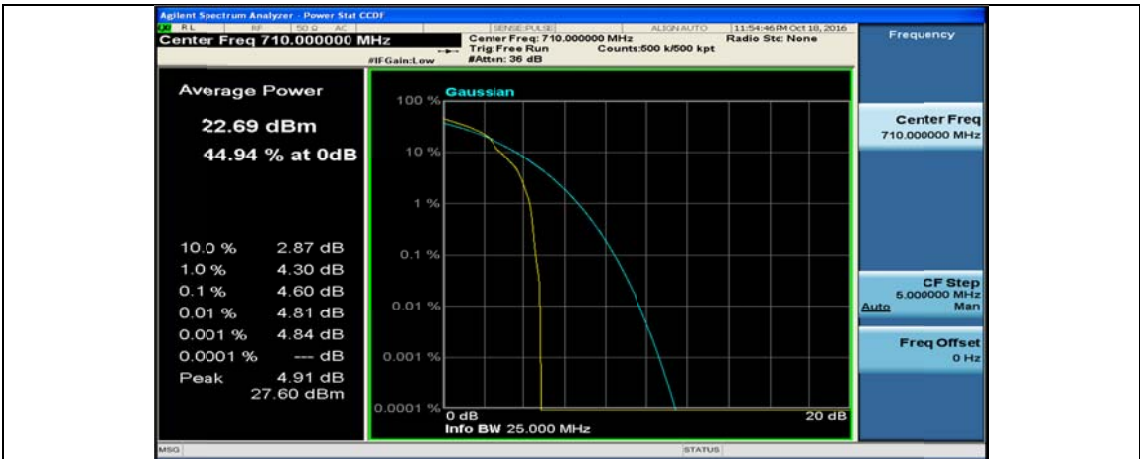
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



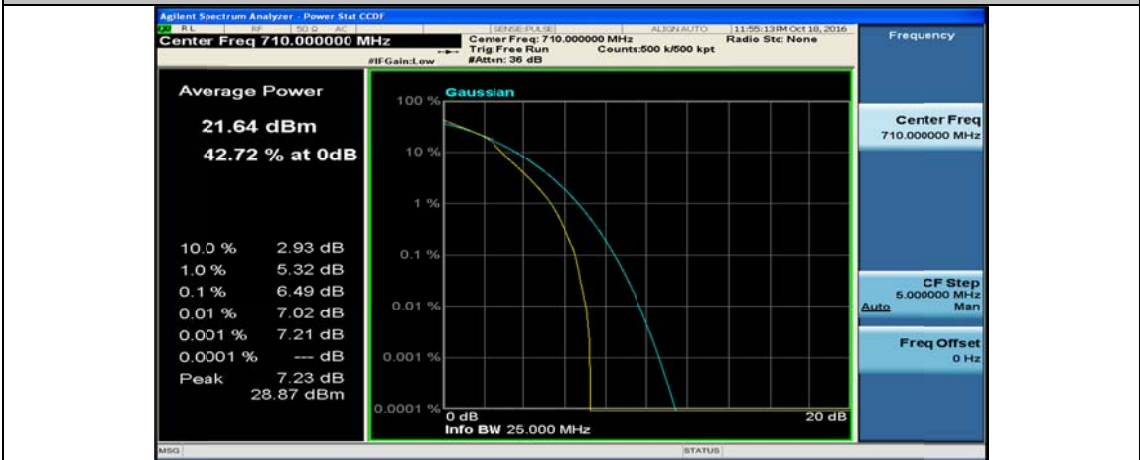
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



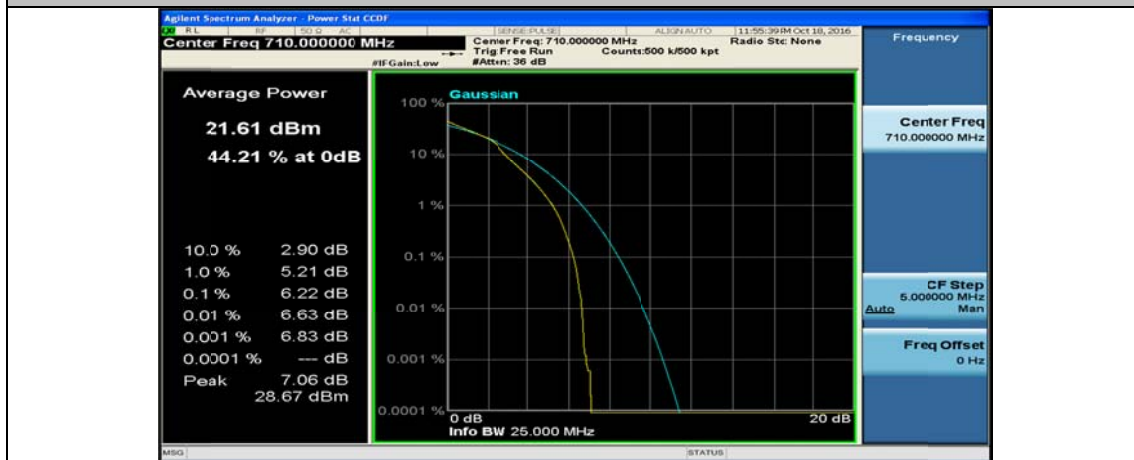
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(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



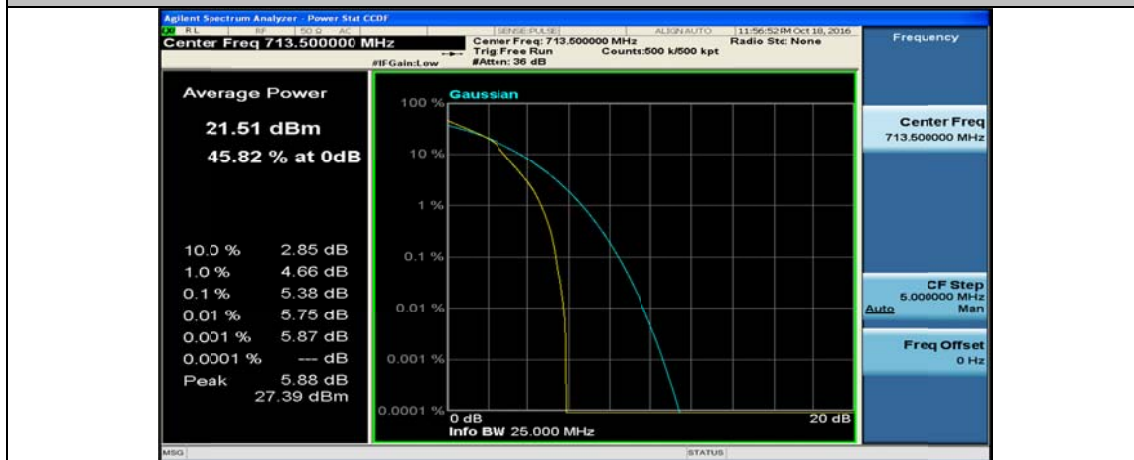
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



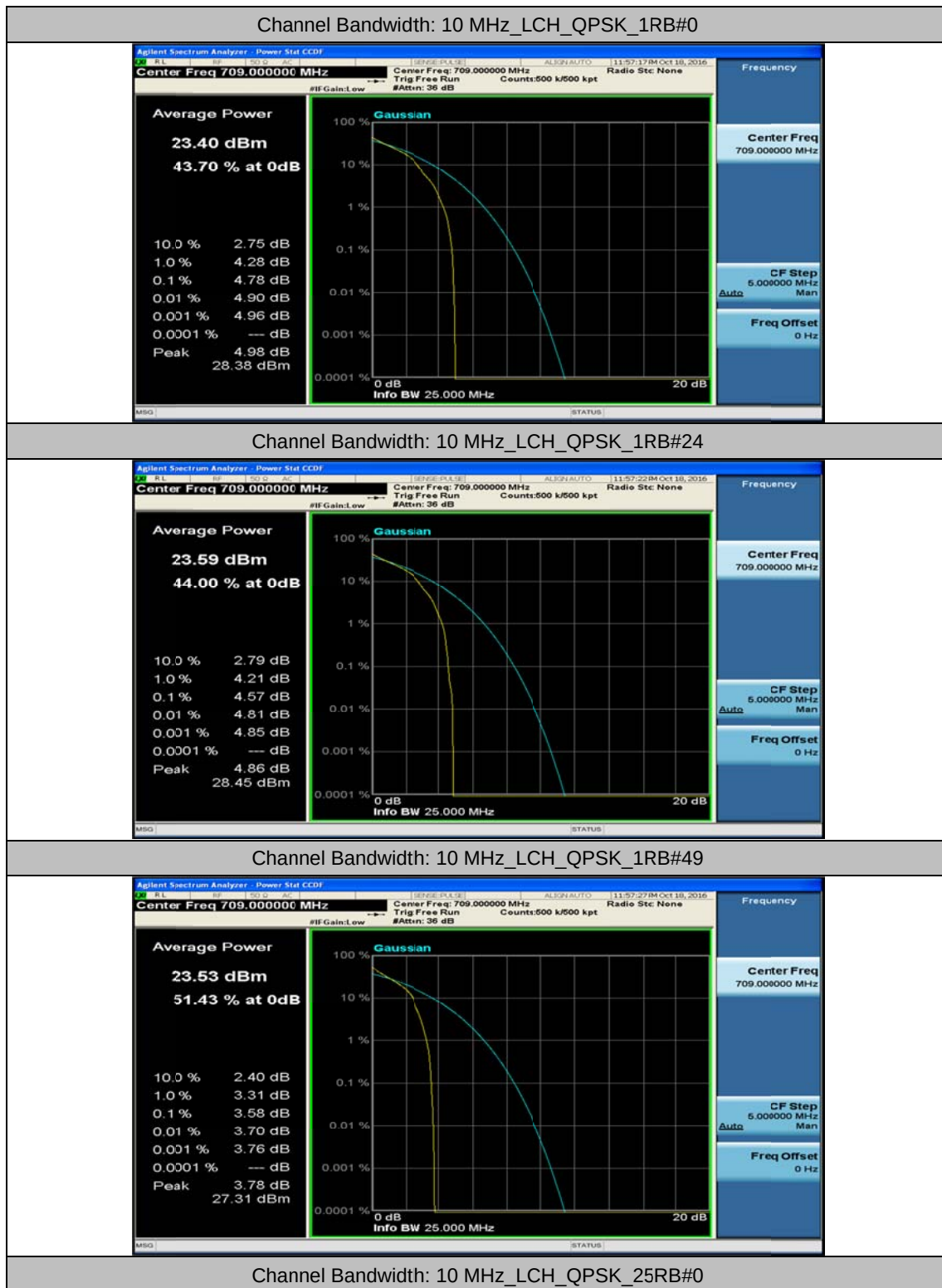
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz





Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



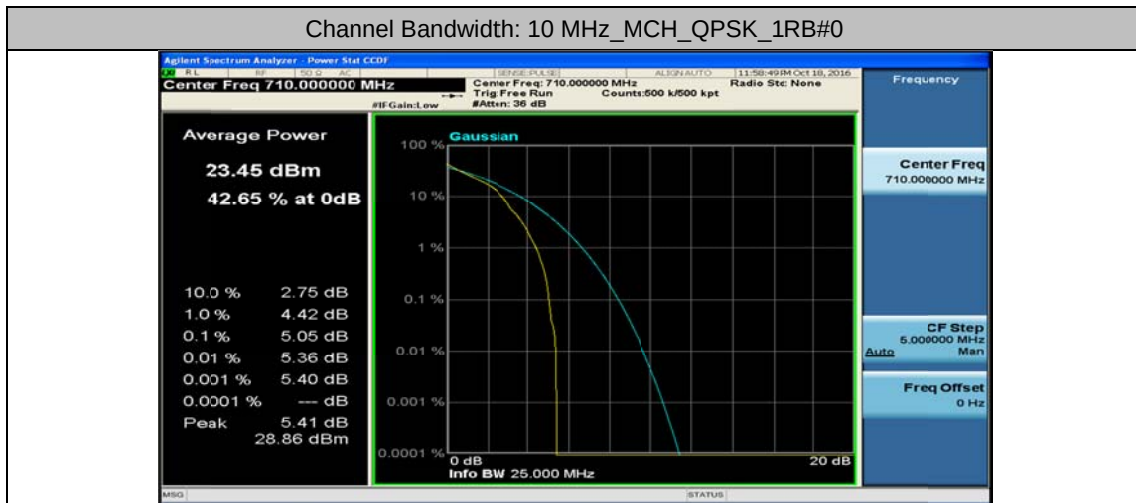
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



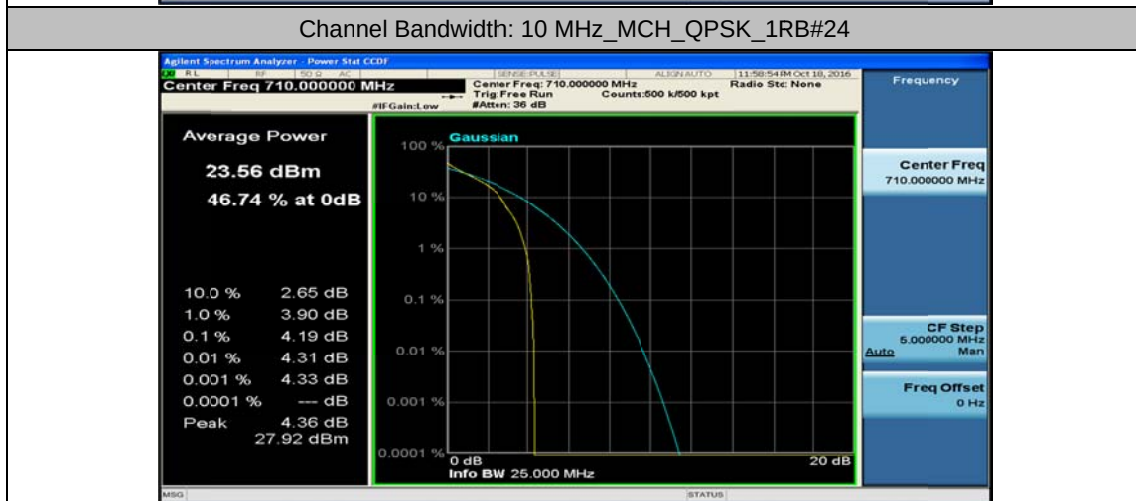
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



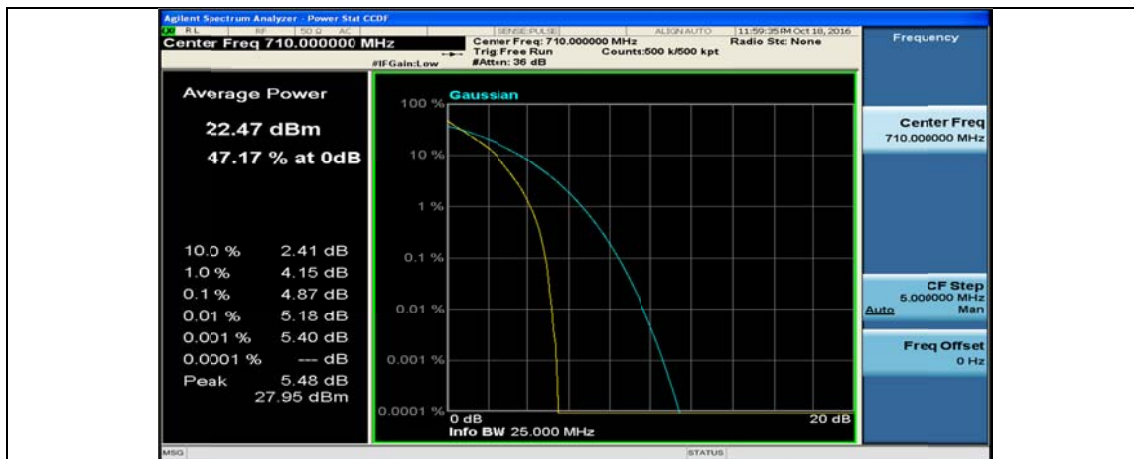
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



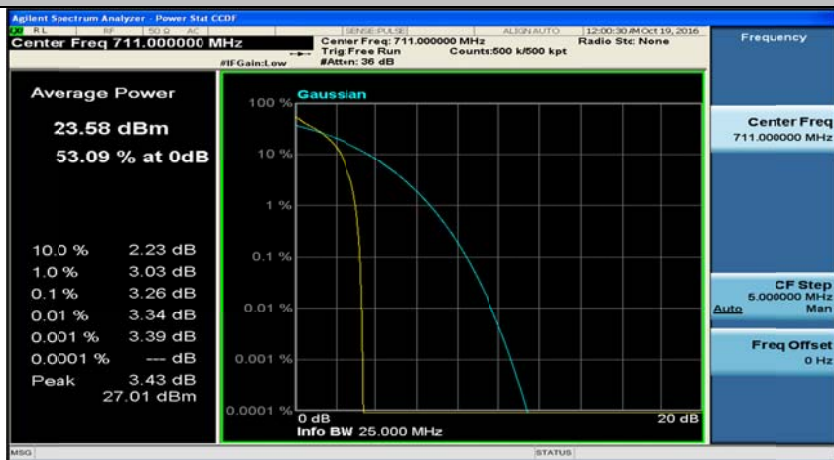
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



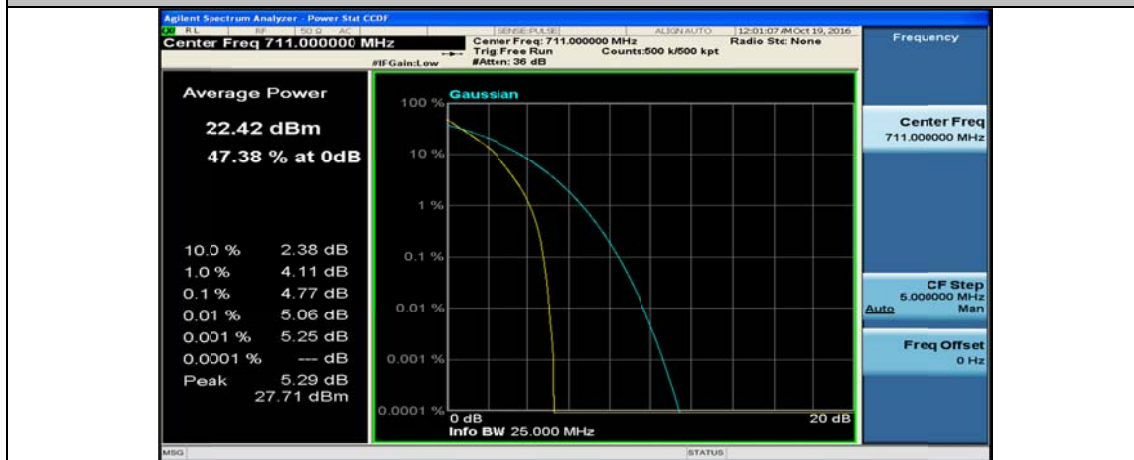
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



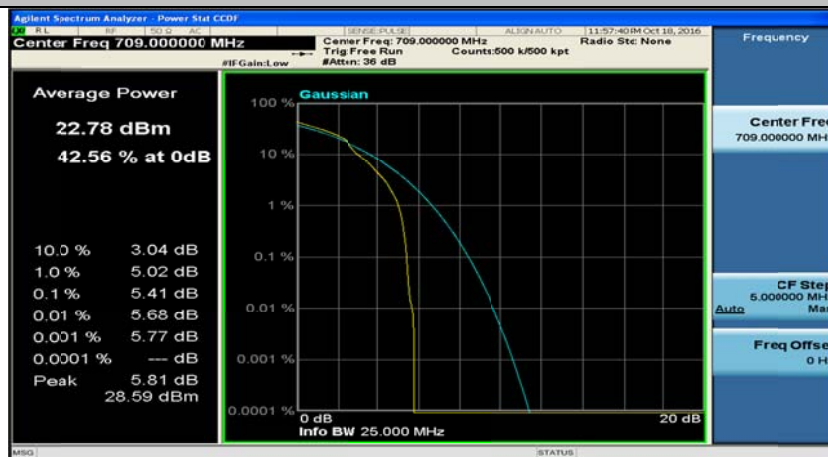
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



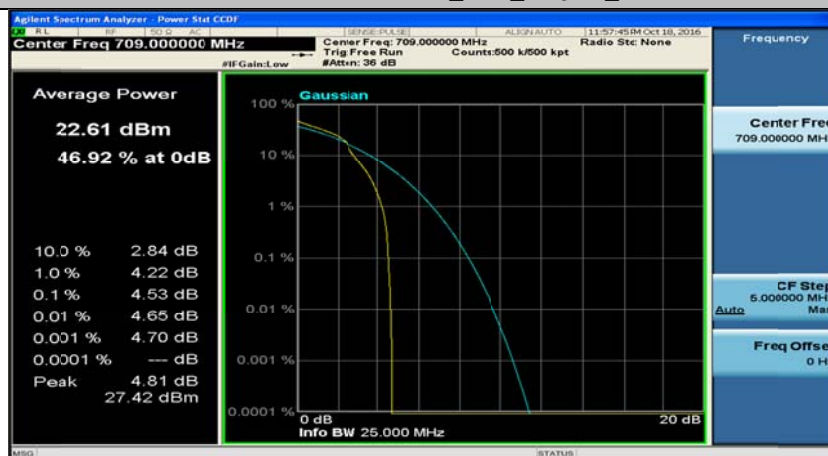
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



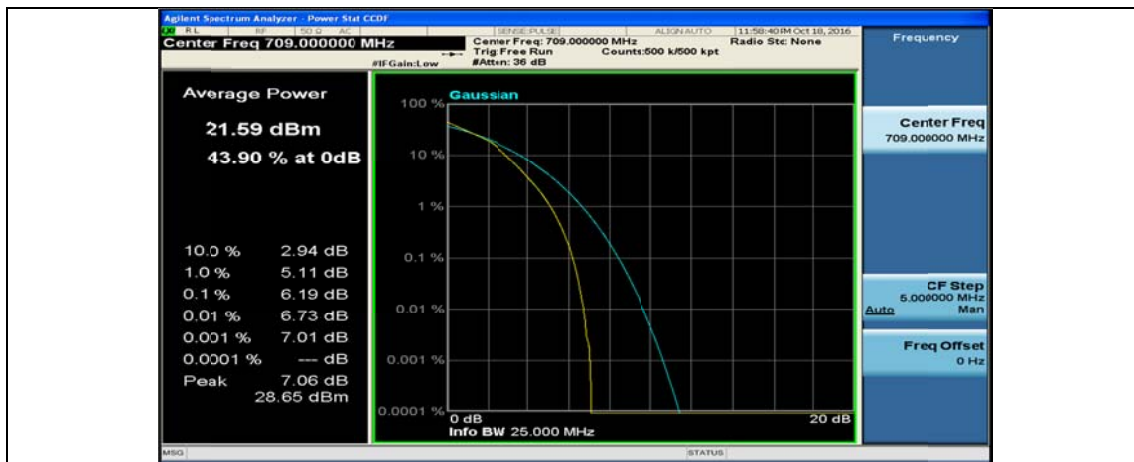
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



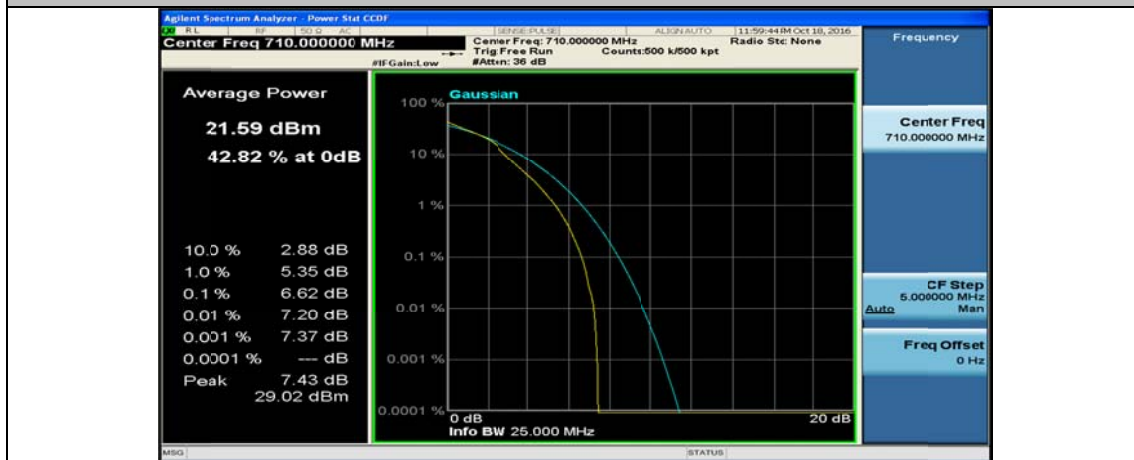
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



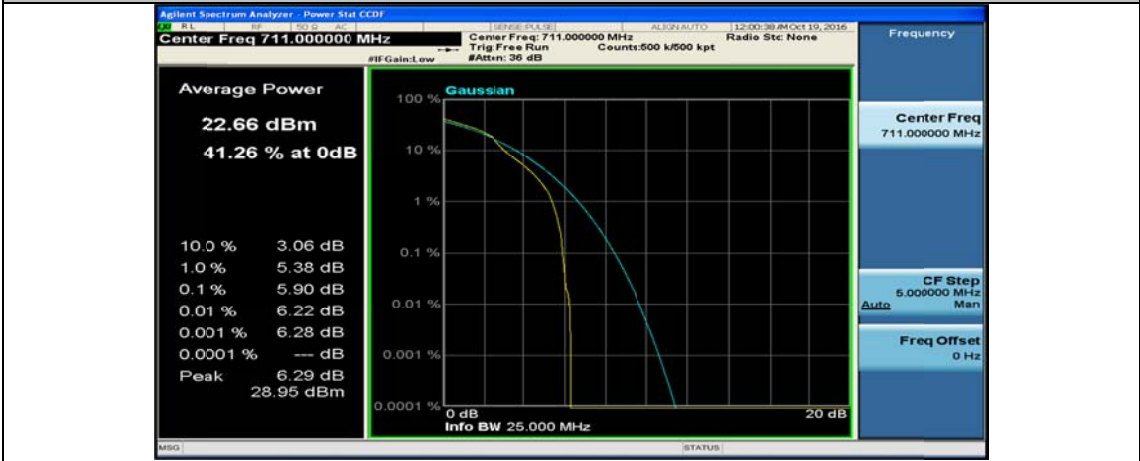
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



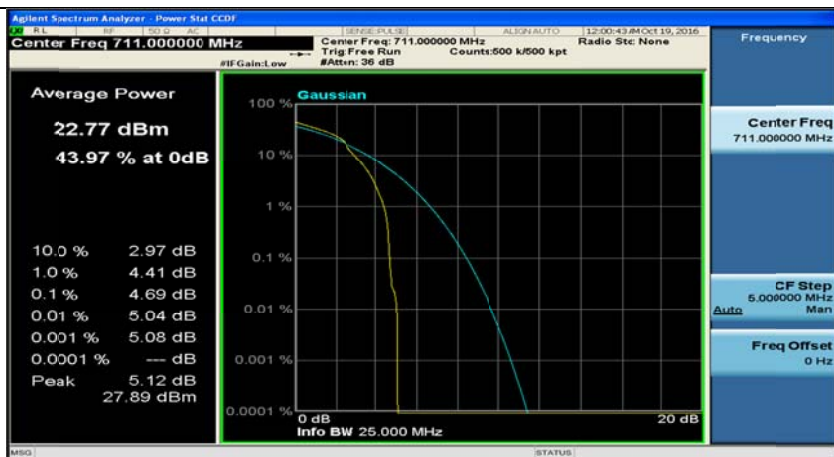
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



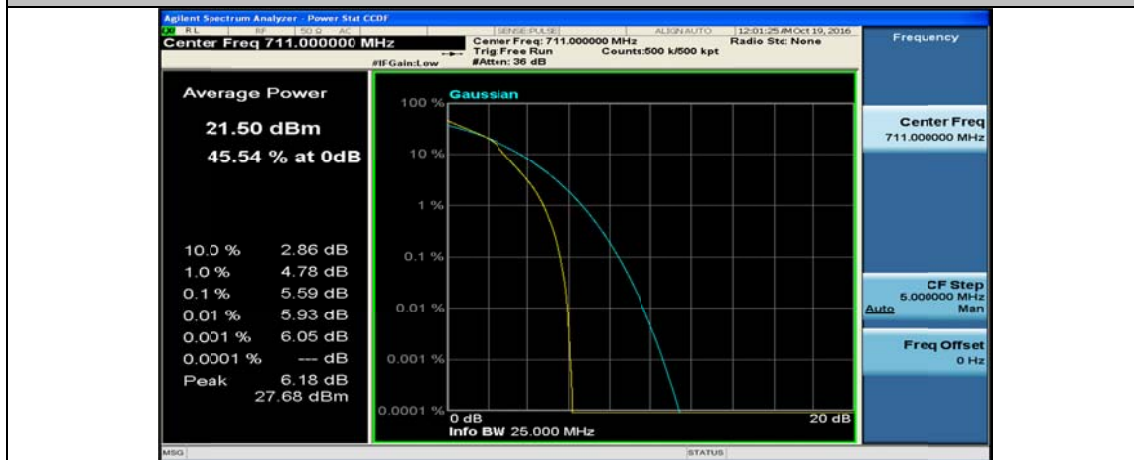
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

