

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	23.40	PASS
		1	12	23.46	PASS
		1	24	23.27	PASS
		12	0	22.49	PASS
		12	6	22.46	PASS
		12	13	22.40	PASS
		25	0	22.40	PASS
	MCH	1	0	23.31	PASS
		1	12	23.32	PASS
		1	24	23.02	PASS
		12	0	22.37	PASS
		12	6	22.31	PASS
		12	13	22.19	PASS
		25	0	22.24	PASS
	HCH	1	0	23.04	PASS
		1	12	22.93	PASS
		1	24	22.74	PASS
		12	0	22.07	PASS
		12	6	21.97	PASS
		12	13	21.90	PASS
		25	0	21.93	PASS
16QAM	LCH	1	0	22.89	PASS
		1	12	22.92	PASS
		1	24	22.75	PASS
		12	0	21.70	PASS
		12	6	21.69	PASS
		12	13	21.65	PASS
		25	0	21.53	PASS
	MCH	1	0	22.45	PASS
		1	12	22.47	PASS
		1	24	22.15	PASS
		12	0	21.46	PASS

		12	6	21.40	PASS
		12	13	21.28	PASS
		25	0	21.32	PASS
	HCH	1	0	22.30	PASS
		1	12	22.15	PASS
		1	24	21.96	PASS
		12	0	21.17	PASS
		12	6	21.07	PASS
		12	13	20.99	PASS
		25	0	21.02	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.38	PASS
		1	24	23.22	PASS
		1	49	22.92	PASS
		25	0	22.44	PASS
		25	12	22.33	PASS
		25	25	22.18	PASS
		50	0	22.31	PASS
	MCH	1	0	23.39	PASS
		1	24	23.19	PASS
		1	49	22.83	PASS
		25	0	22.35	PASS
		25	12	22.23	PASS
		25	25	22.06	PASS
		50	0	22.25	PASS
	HCH	1	0	23.43	PASS
		1	24	23.11	PASS
		1	49	22.78	PASS
		25	0	22.34	PASS
		25	12	22.16	PASS
		25	25	21.96	PASS
		50	0	22.17	PASS
16QAM	LCH	1	0	22.75	PASS
		1	24	22.62	PASS
		1	49	22.28	PASS
		25	0	21.51	PASS
		25	12	21.40	PASS
		25	25	21.26	PASS
		50	0	21.35	PASS

	MCH	1	0	22.75	PASS
		1	24	22.57	PASS
		1	49	22.16	PASS
		25	0	21.45	PASS
		25	12	21.31	PASS
		25	25	21.11	PASS
		50	0	21.28	PASS
	HCH	1	0	22.86	PASS
		1	24	22.65	PASS
		1	49	22.26	PASS
		25	0	21.44	PASS
		25	12	21.26	PASS
		25	25	21.06	PASS
		50	0	21.27	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	4.68	<13	PASS
		1	12	4.6	<13	PASS
		1	24	4.92	<13	PASS
		12	0	5.72	<13	PASS
		12	6	5.74	<13	PASS
		12	13	5.84	<13	PASS
		25	0	5.91	<13	PASS
	MCH	1	0	5.05	<13	PASS
		1	12	5.07	<13	PASS
		1	24	5.07	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.92	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6.01	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	12	5.23	<13	PASS
		1	24	4.75	<13	PASS
		12	0	5.94	<13	PASS
		12	6	5.83	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.86	<13	PASS
16QAM	LCH	1	0	5.63	<13	PASS
		1	12	5.58	<13	PASS
		1	24	5.74	<13	PASS
		12	0	6.55	<13	PASS
		12	6	6.55	<13	PASS
		12	13	6.65	<13	PASS
		25	0	6.75	<13	PASS
	MCH	1	0	5.67	<13	PASS
		1	12	5.73	<13	PASS
		1	24	5.78	<13	PASS
		12	0	6.9	<13	PASS

		12	6	6.87	<13	PASS
		12	13	6.9	<13	PASS
		25	0	6.8	<13	PASS
	HCH	1	0	6.19	<13	PASS
		1	12	6.06	<13	PASS
		1	24	5.76	<13	PASS
		12	0	6.65	<13	PASS
		12	6	6.58	<13	PASS
		12	13	6.44	<13	PASS
		25	0	6.64	<13	PASS

Channel Bandwidth: 10 MHz

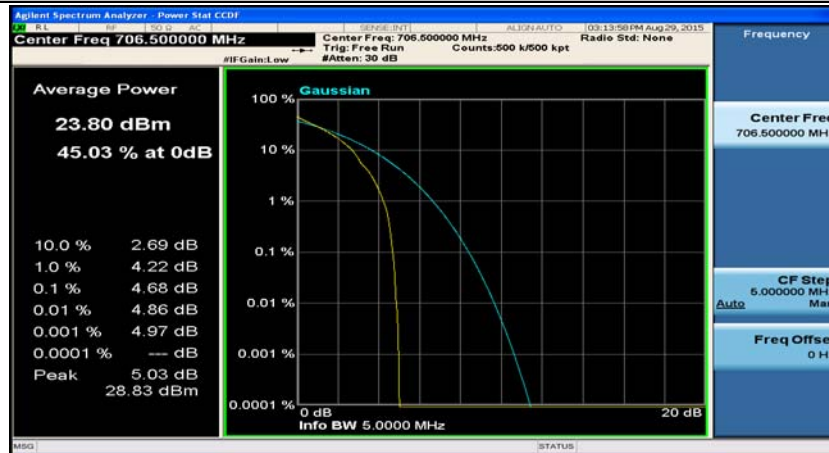
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.65	<13	PASS
		1	24	5.12	<13	PASS
		1	49	5.09	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.95	<13	PASS
		25	25	6	<13	PASS
		50	0	5.91	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	24	5.04	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.83	<13	PASS
		25	12	5.99	<13	PASS
		25	25	5.89	<13	PASS
		50	0	5.87	<13	PASS
	HCH	1	0	4.6	<13	PASS
		1	24	4.96	<13	PASS
		1	49	4.56	<13	PASS
		25	0	5.89	<13	PASS
		25	12	6.03	<13	PASS
		25	25	5.84	<13	PASS
		50	0	5.86	<13	PASS
16QAM	LCH	1	0	5.69	<13	PASS
		1	24	5.94	<13	PASS
		1	49	6.05	<13	PASS
		25	0	6.67	<13	PASS
		25	12	6.73	<13	PASS

		25	25	6.74	<13	PASS
		50	0	6.62	<13	PASS
	MCH	1	0	5.7	<13	PASS
		1	24	5.89	<13	PASS
		1	49	5.82	<13	PASS
		25	0	6.76	<13	PASS
		25	12	6.78	<13	PASS
		25	25	6.63	<13	PASS
		50	0	6.62	<13	PASS
	HCH	1	0	5.54	<13	PASS
		1	24	5.84	<13	PASS
		1	49	5.48	<13	PASS
		25	0	6.72	<13	PASS
		25	12	6.79	<13	PASS
		25	25	6.64	<13	PASS
		50	0	6.62	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



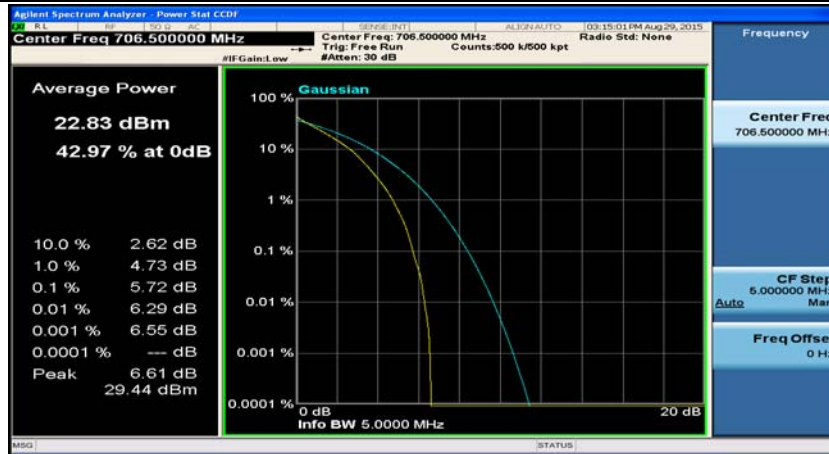
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



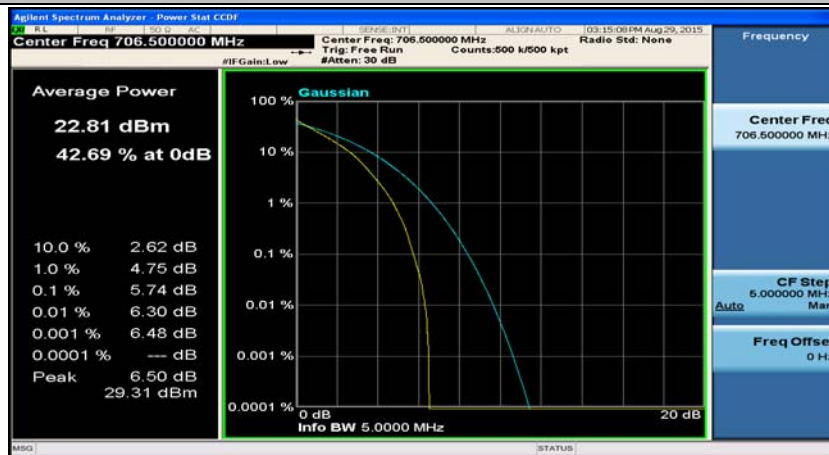
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



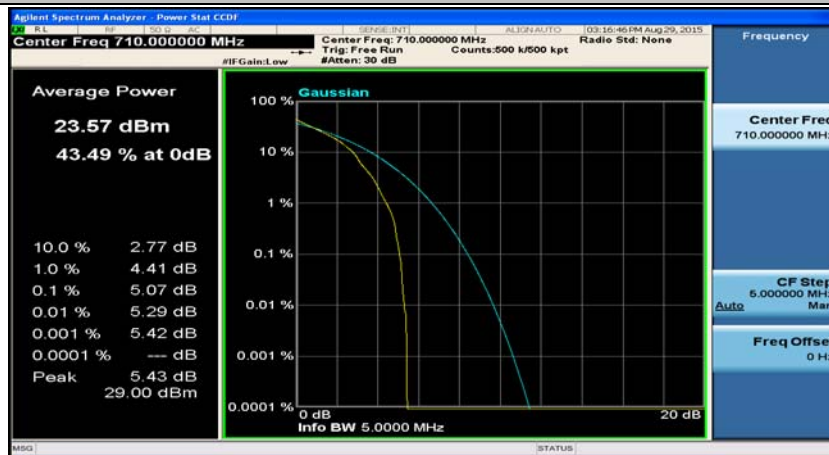
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



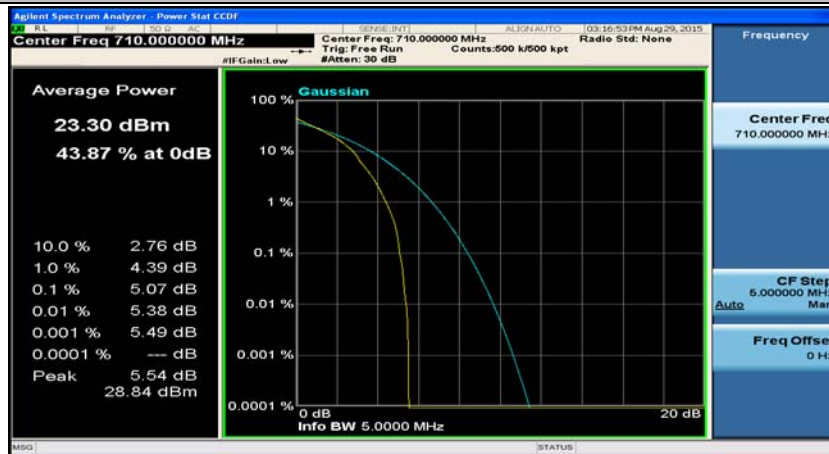
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



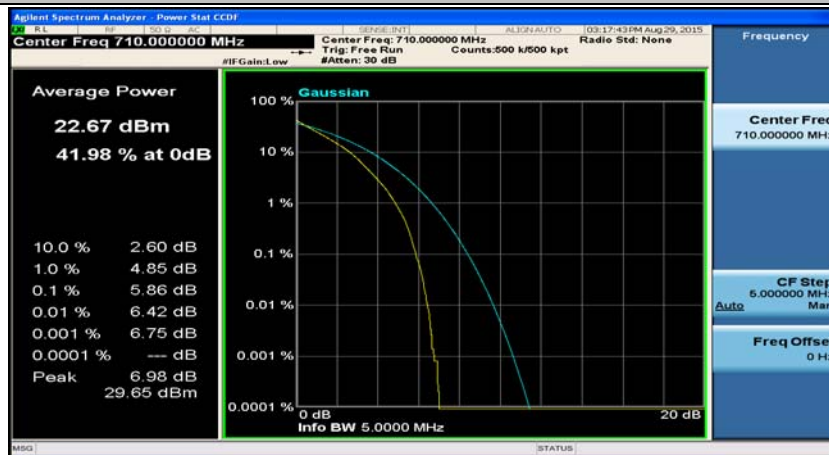
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



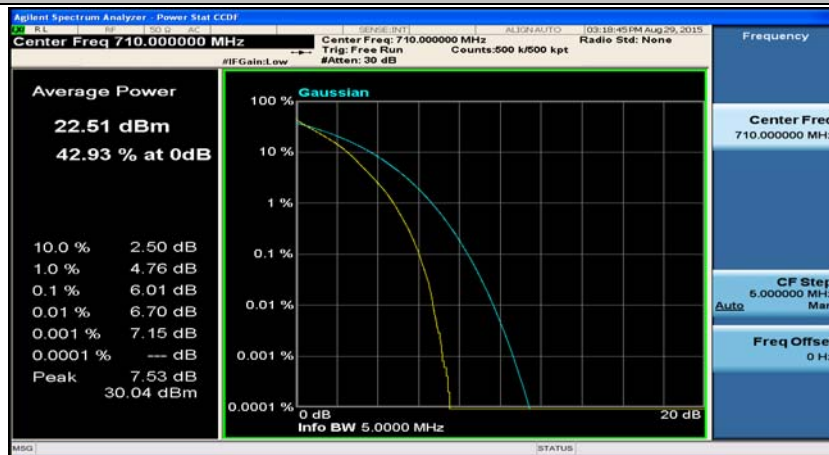
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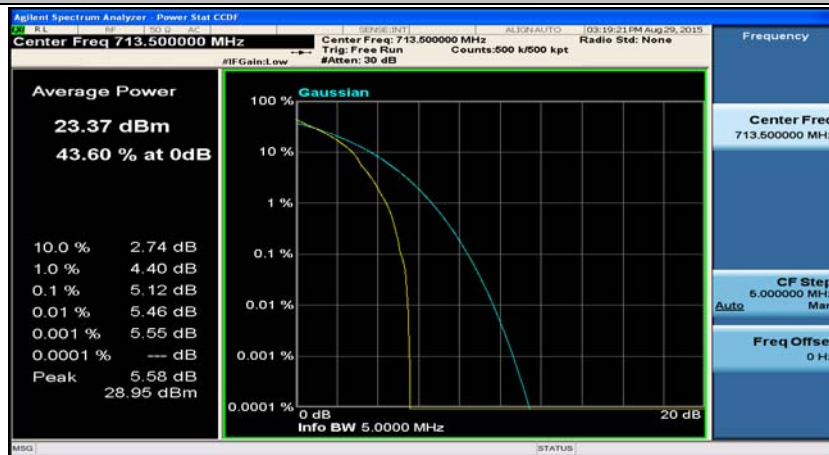
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



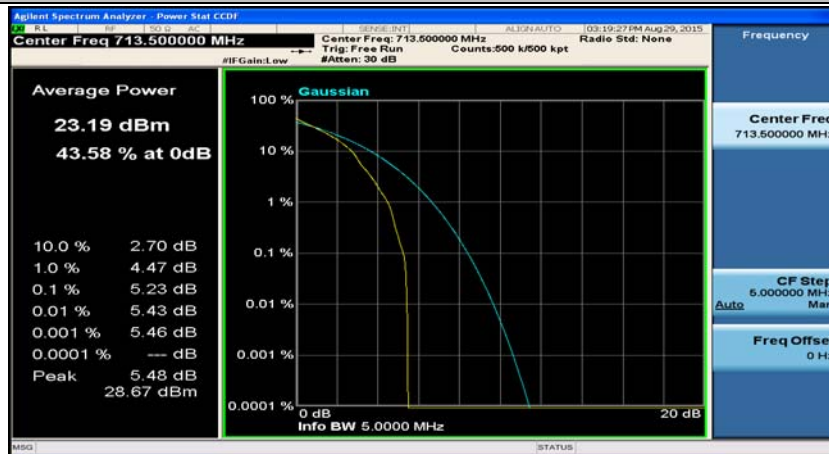
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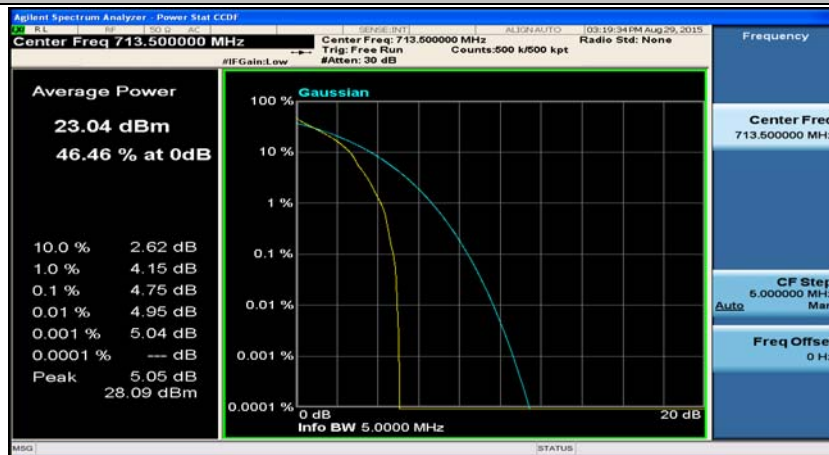
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



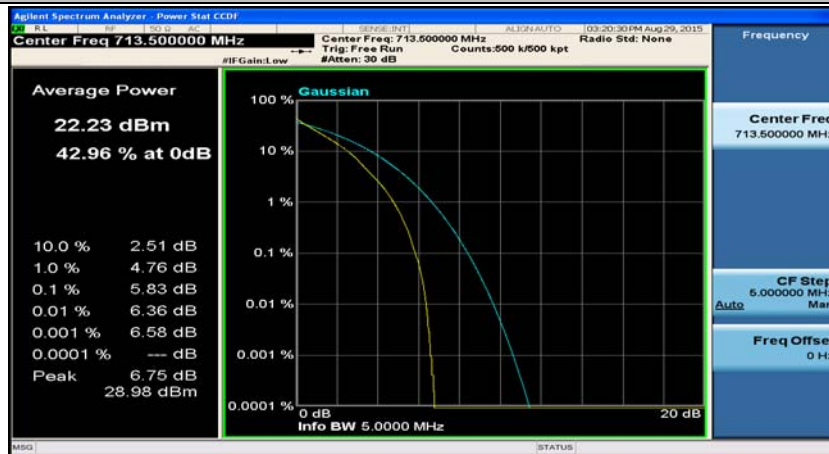
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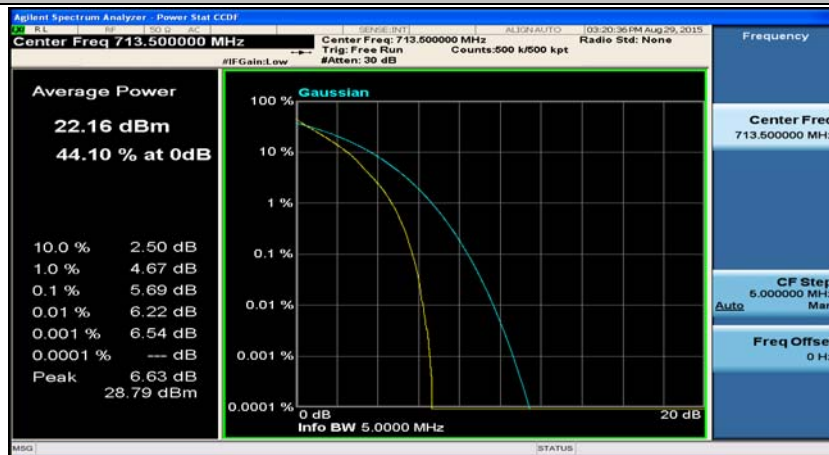
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



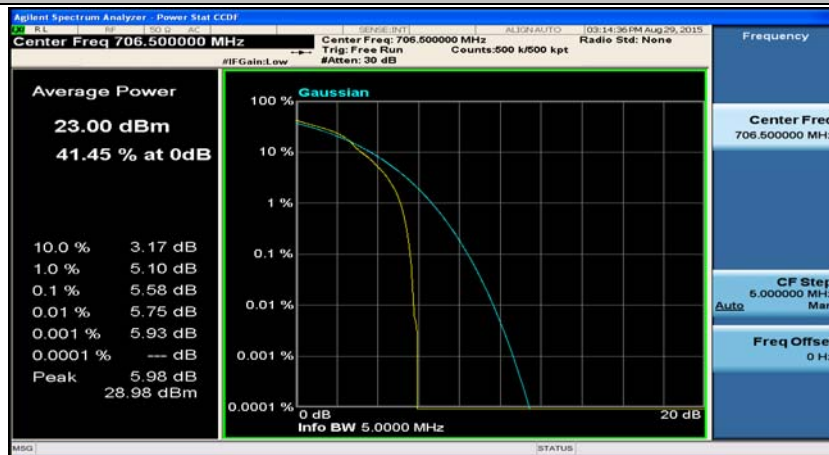
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



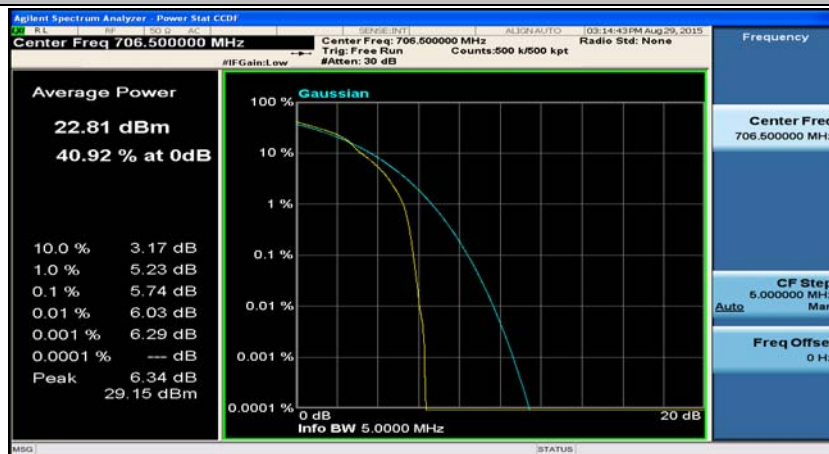
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



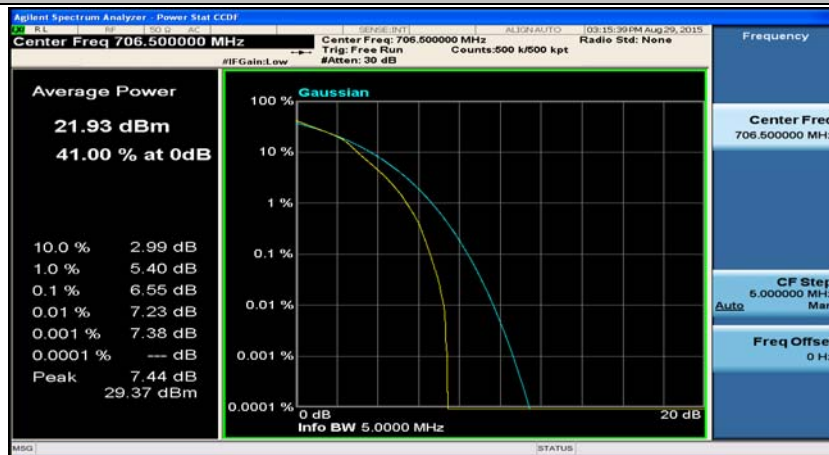
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(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



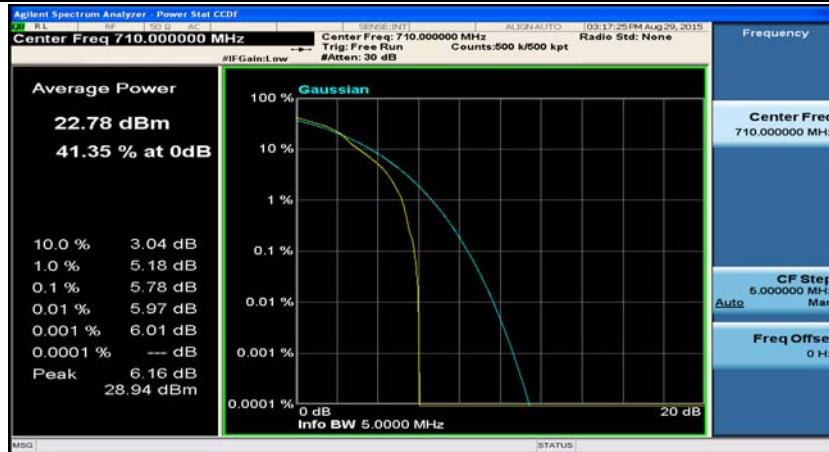
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



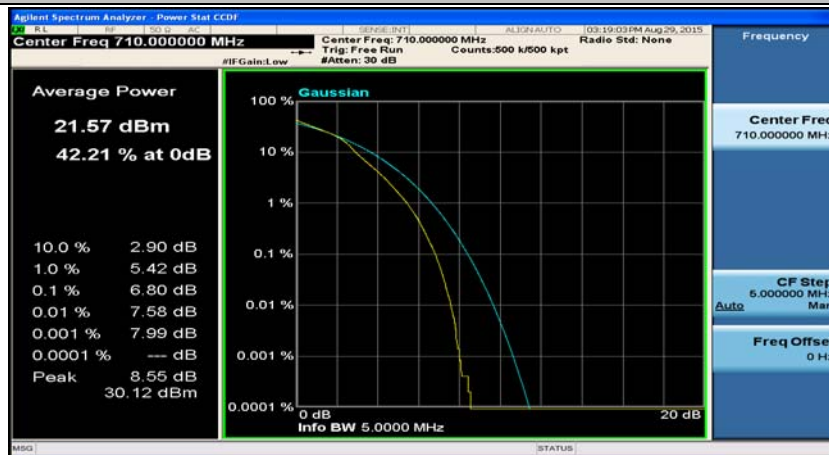
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



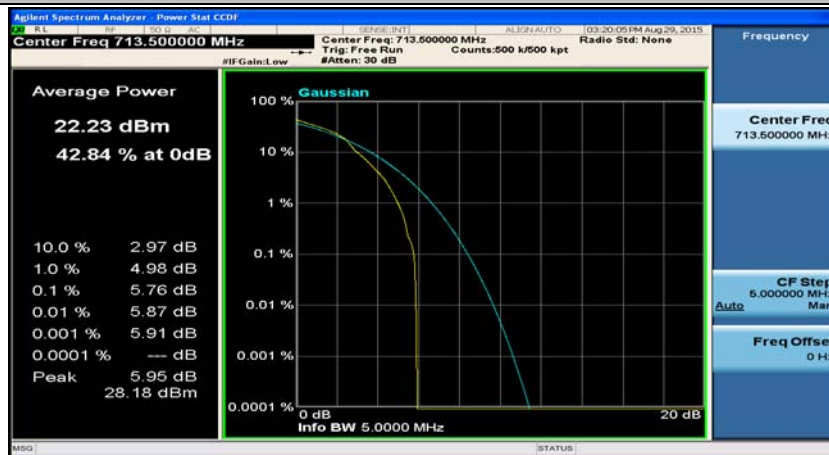
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



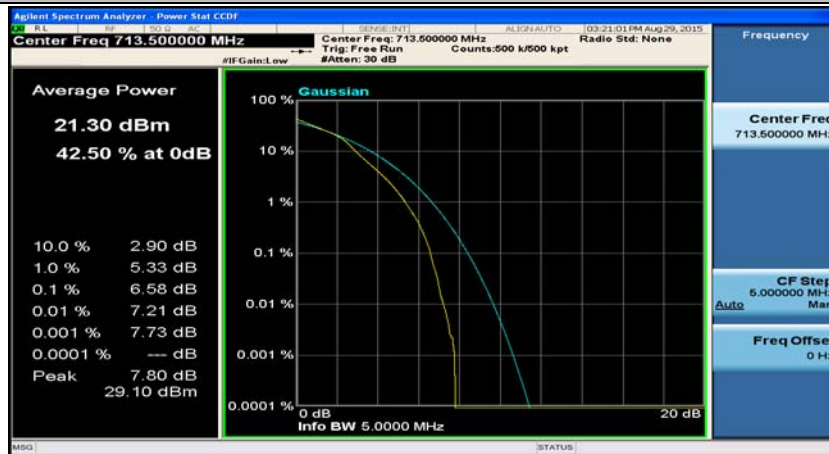
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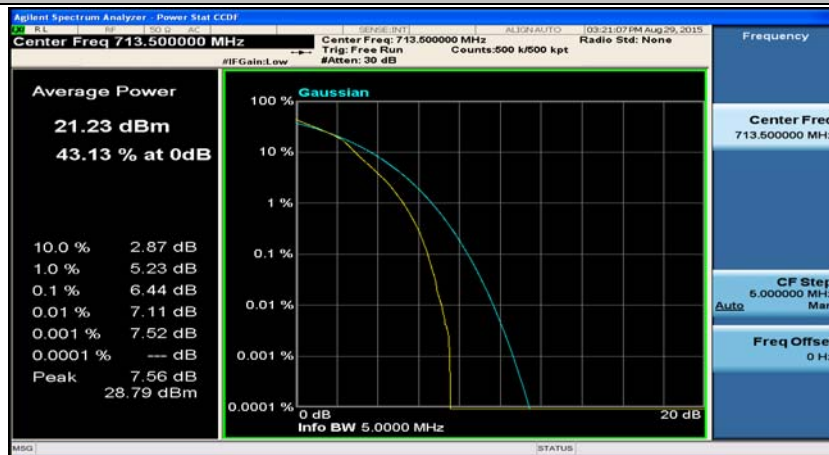
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



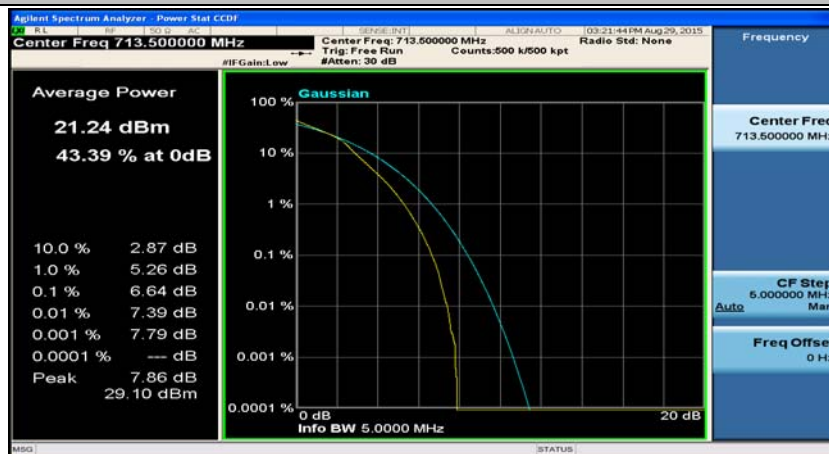
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(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



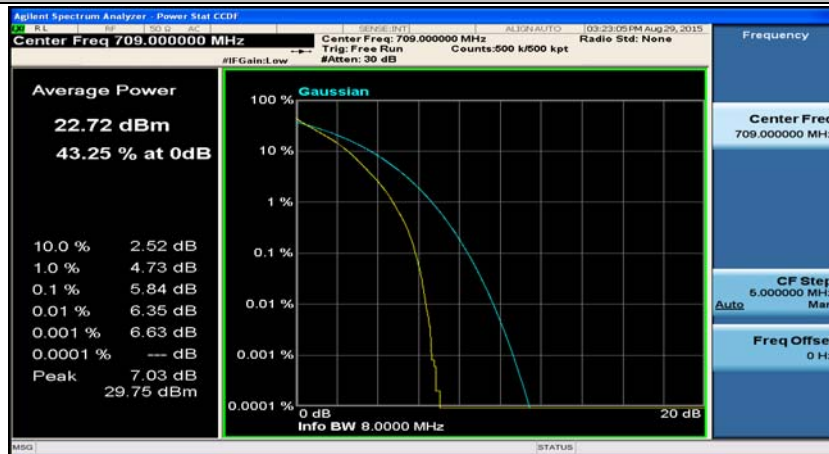
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



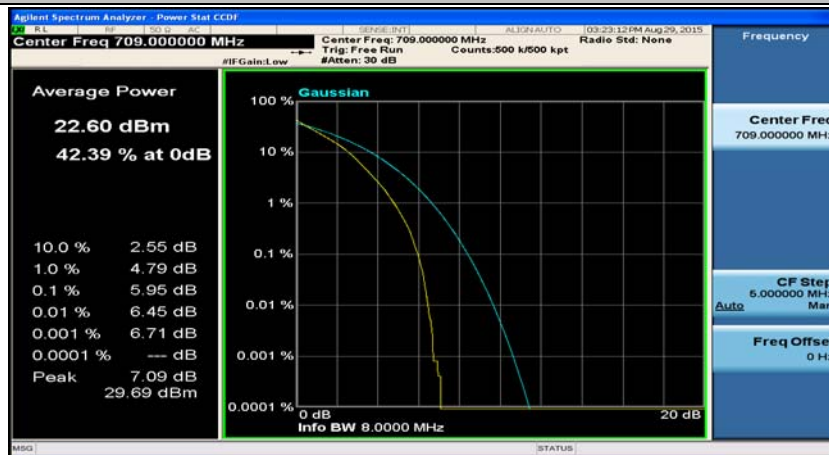
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



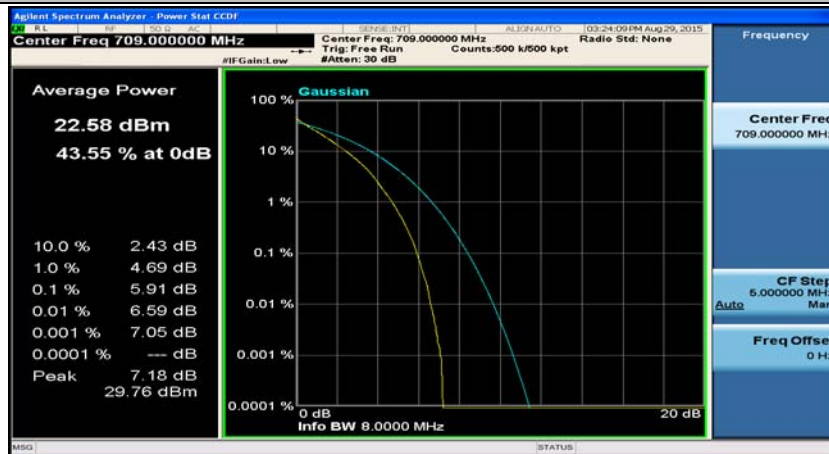
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



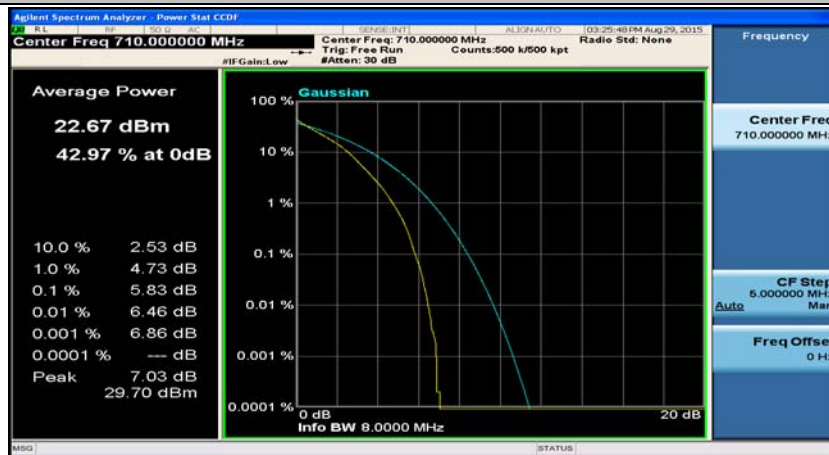
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



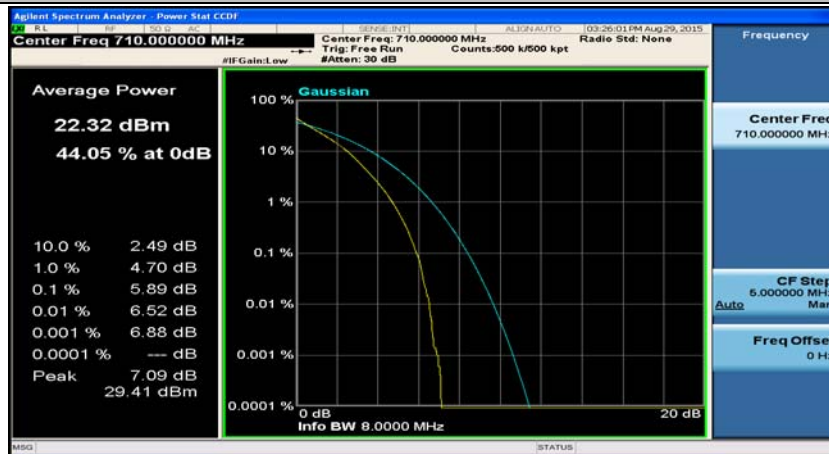
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



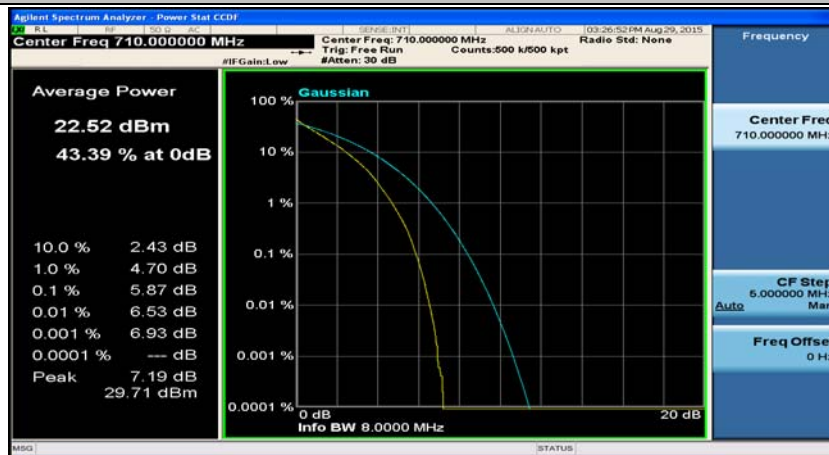
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



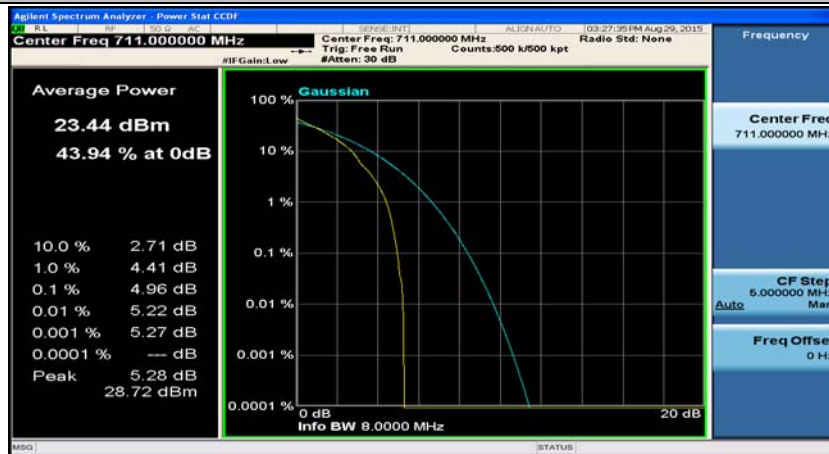
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



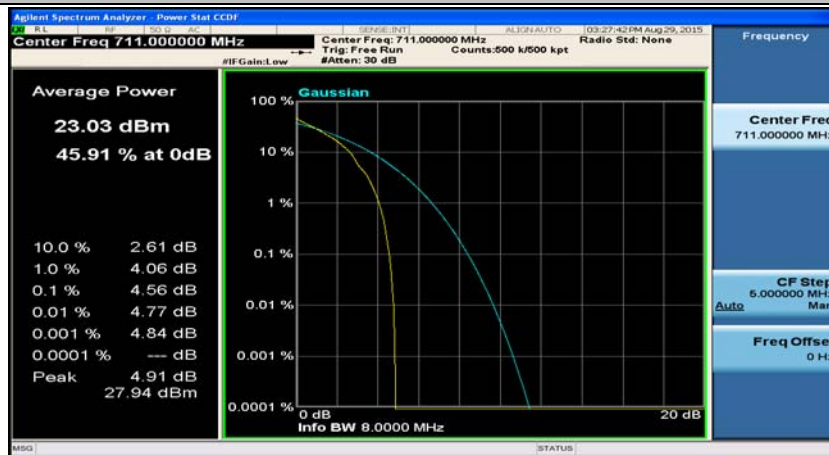
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



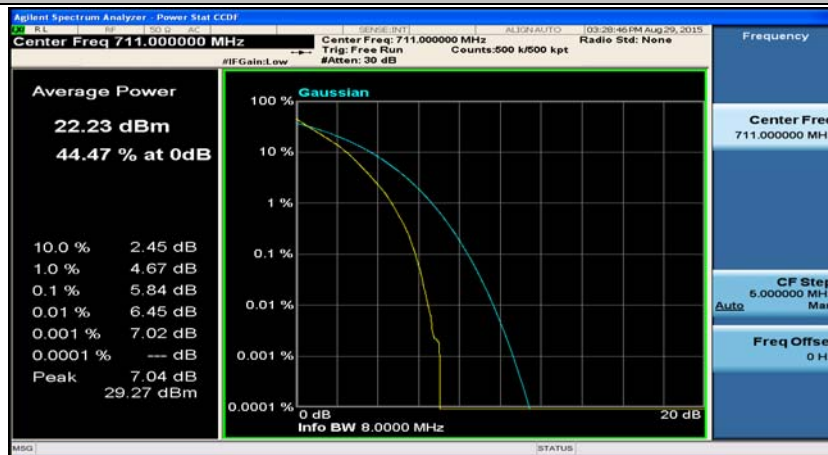
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



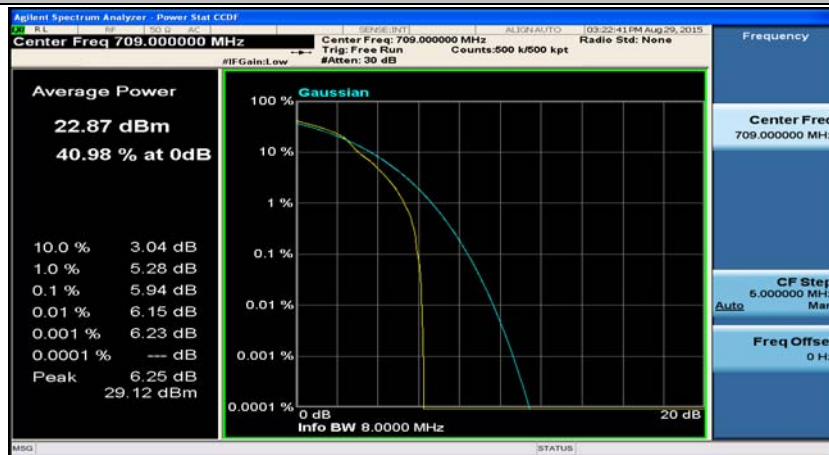
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



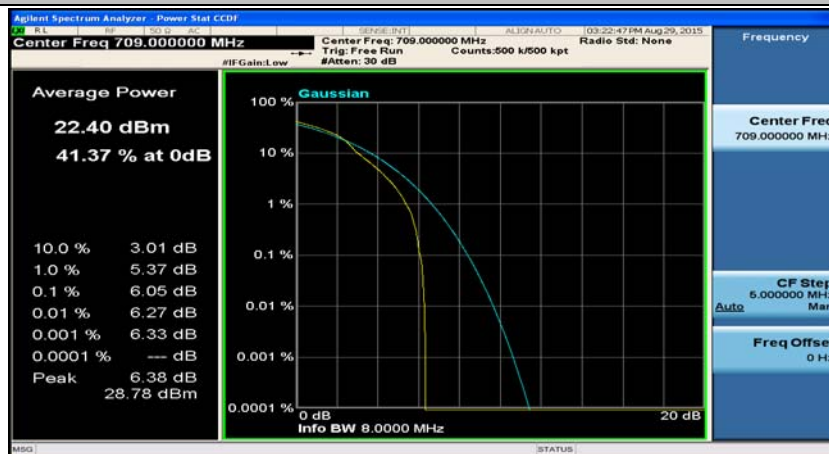
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



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



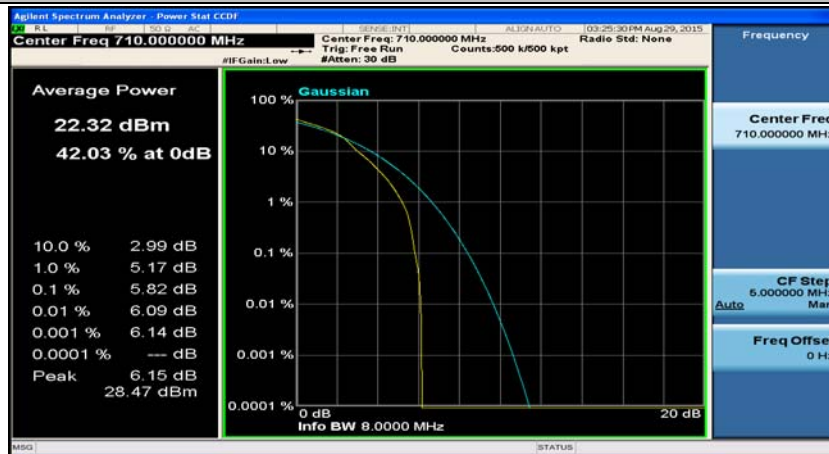
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



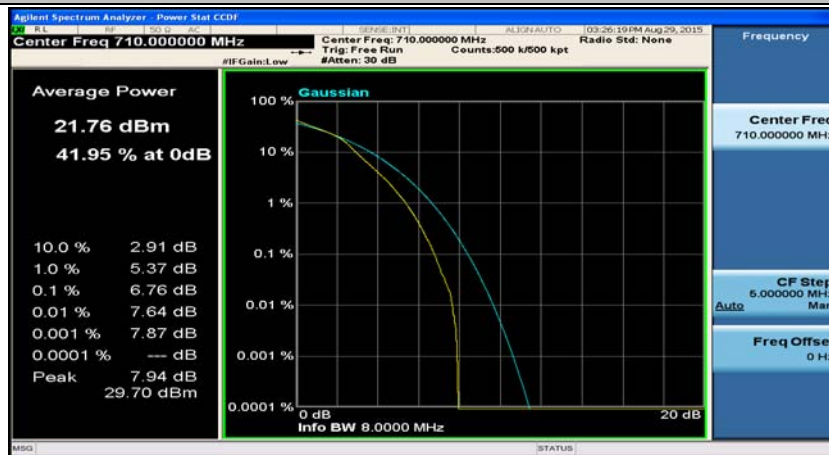
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



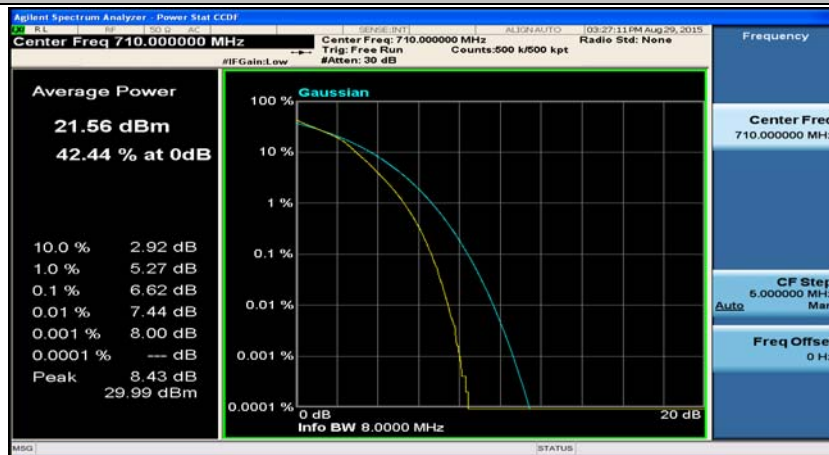
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



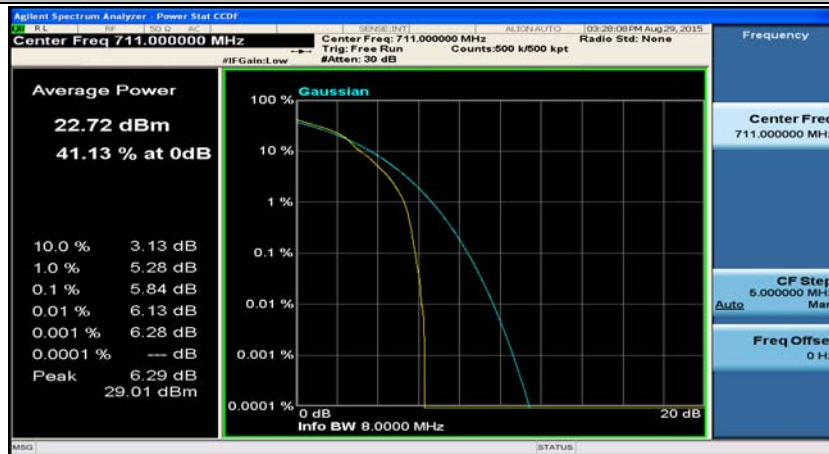
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



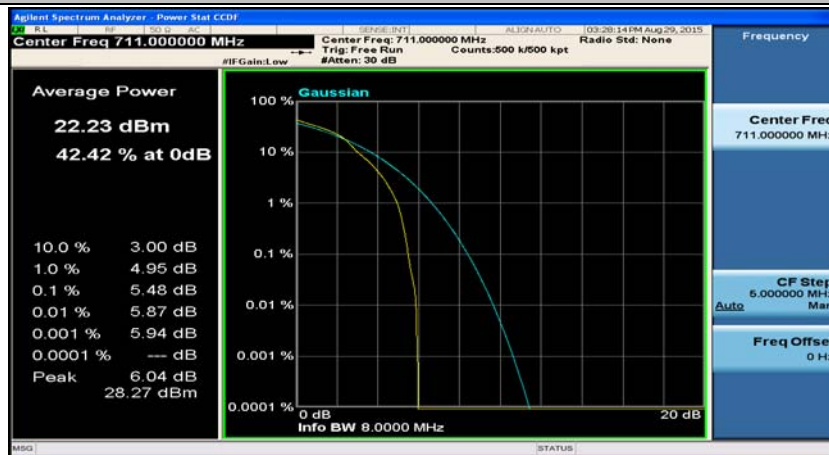
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



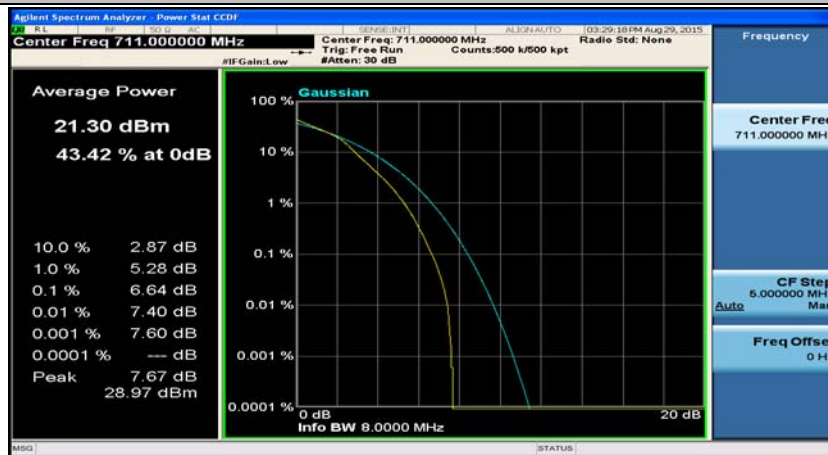
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



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	4.4876	4.808	PASS
	MCH	25	0	4.4862	4.822	PASS
	HCH	25	0	4.4823	4.862	PASS
16QAM	LCH	25	0	4.4884	4.844	PASS
	MCH	25	0	4.4814	4.866	PASS
	HCH	25	0	4.4881	4.814	PASS

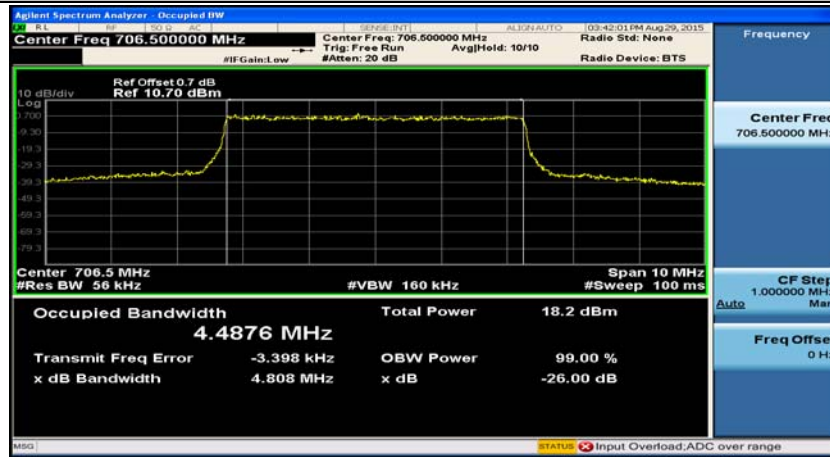
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9611	9.552	PASS
	MCH	50	0	8.9549	9.524	PASS
	HCH	50	0	8.9440	9.488	PASS
16QAM	LCH	50	0	8.9547	9.520	PASS
	MCH	50	0	8.9606	9.507	PASS
	HCH	50	0	8.9585	9.492	PASS

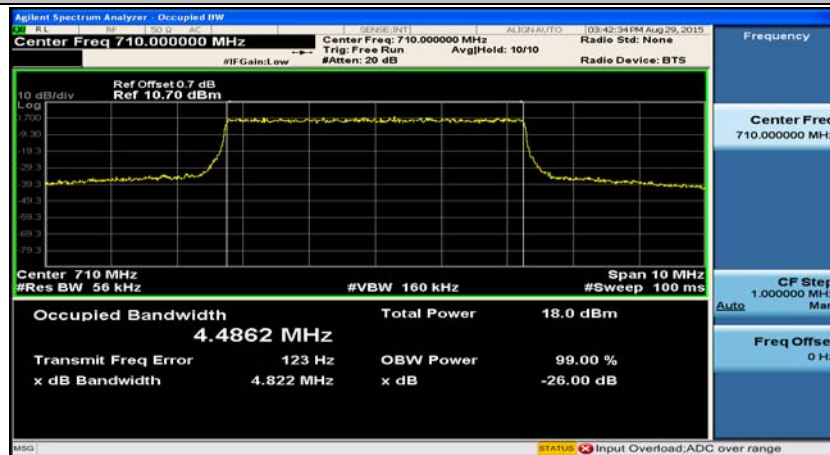
Test Graphs

Channel Bandwidth: 5 MHz

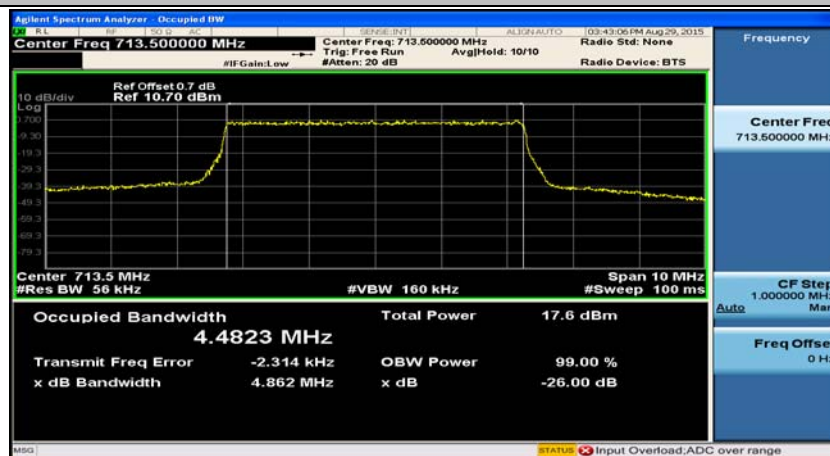
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



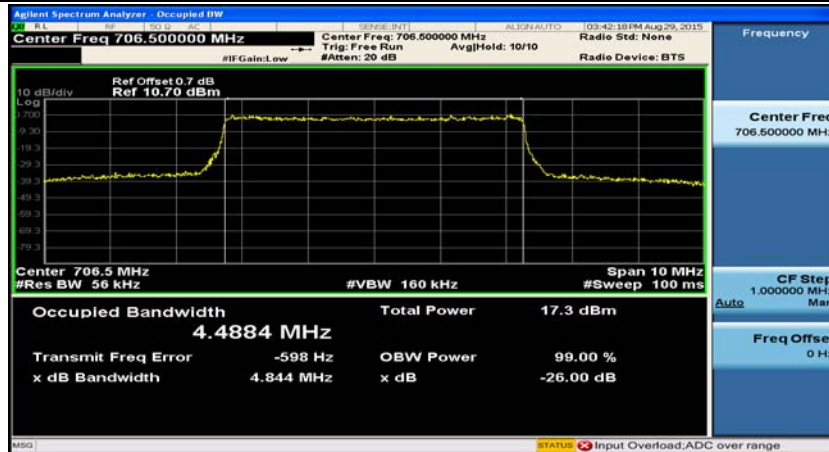
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



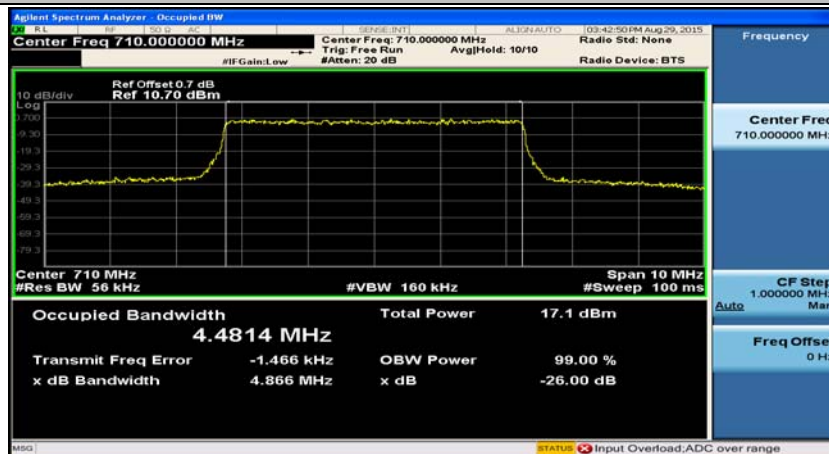
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



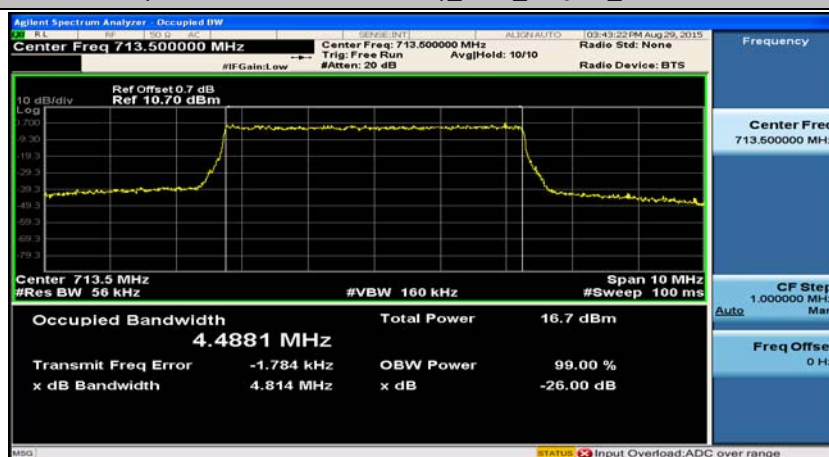
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

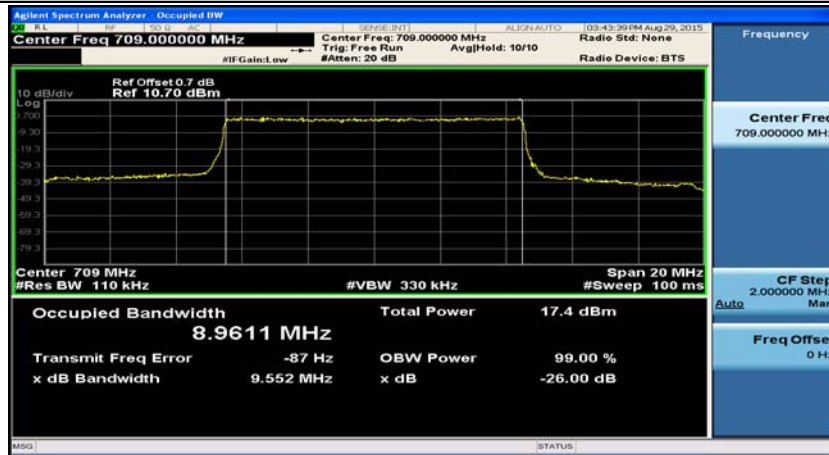


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

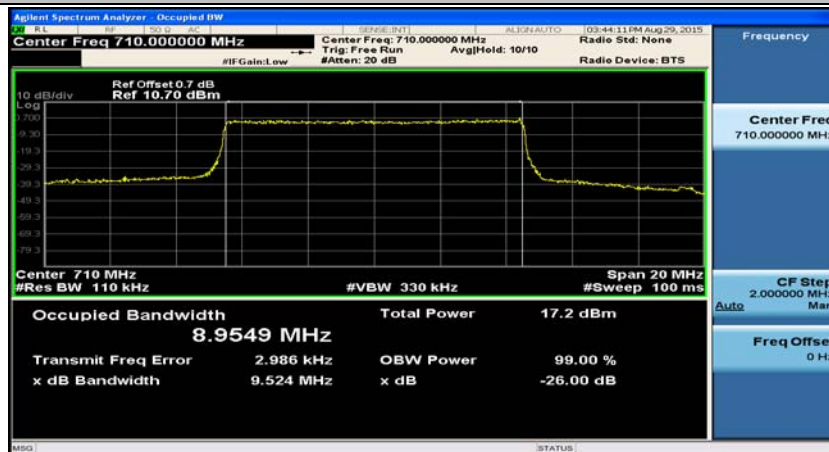


Channel Bandwidth: 10 MHz

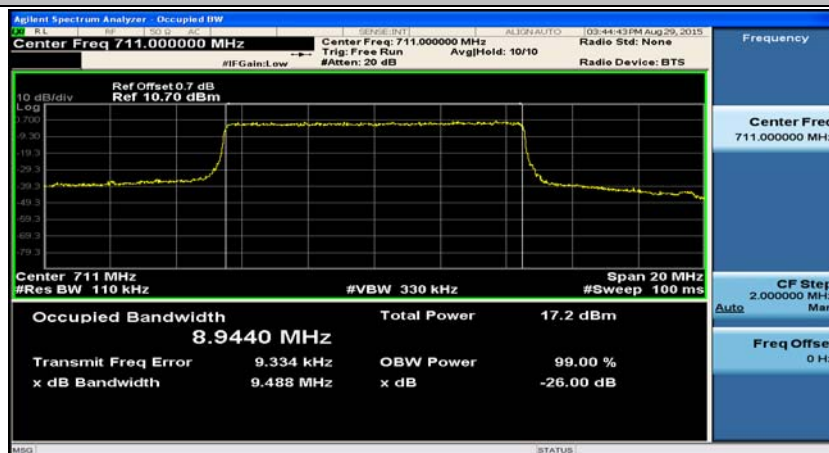
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



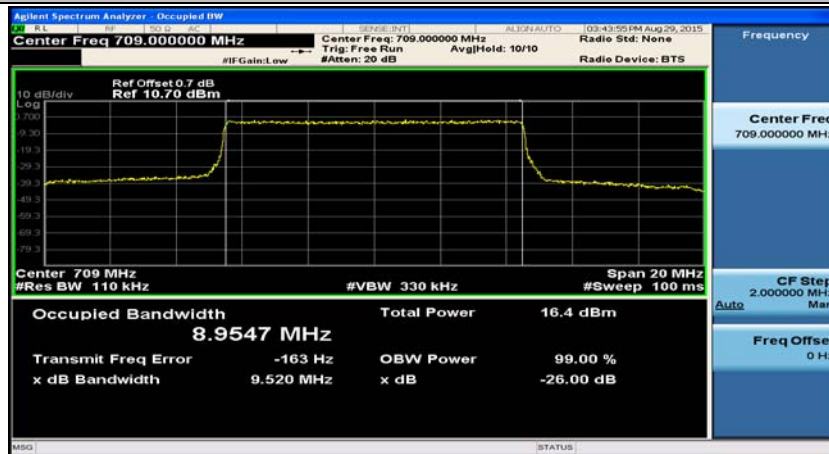
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



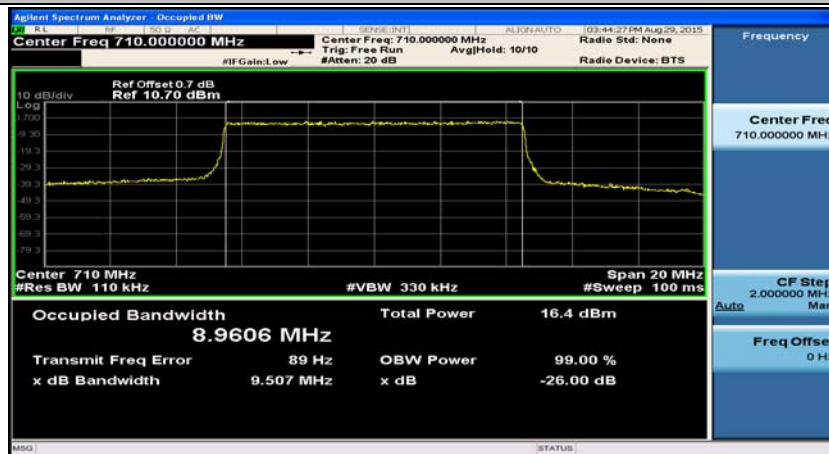
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



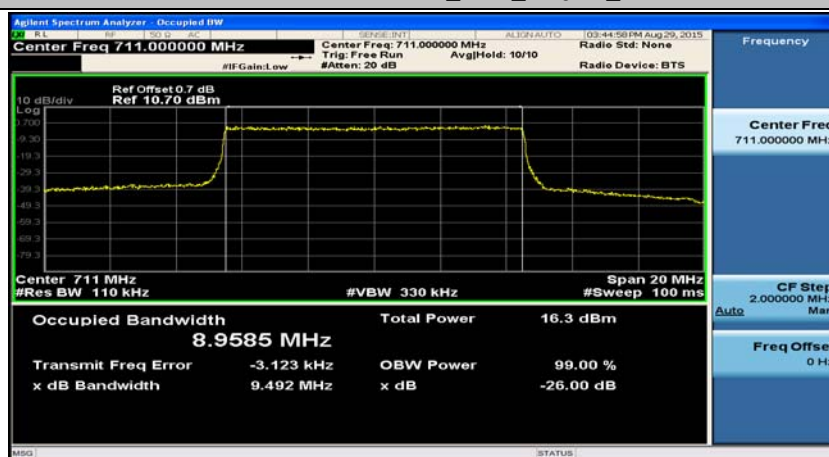
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



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

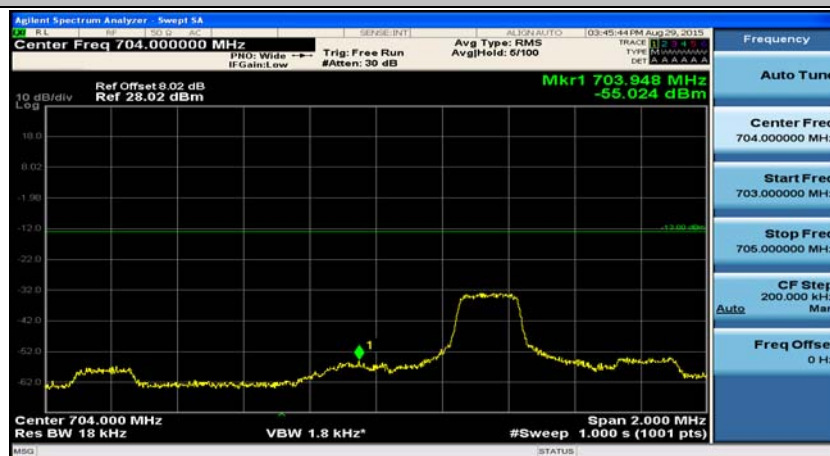
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



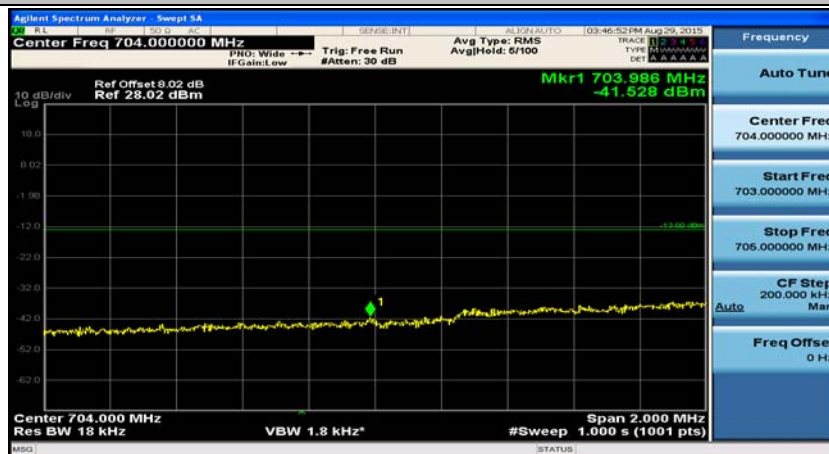
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



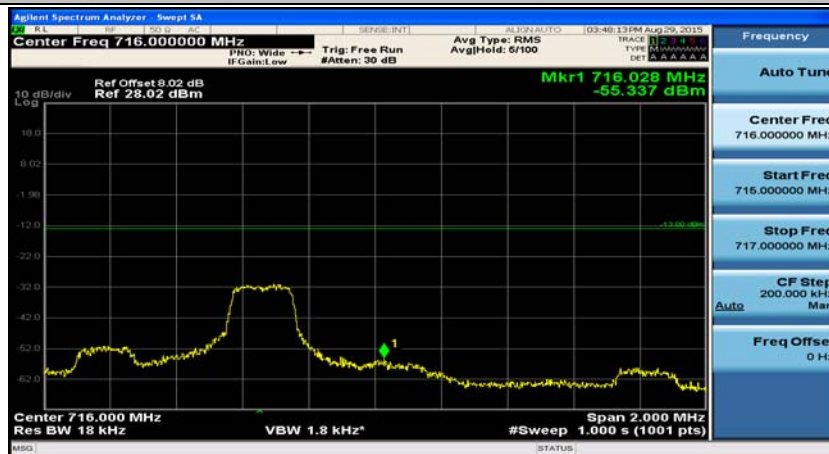
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



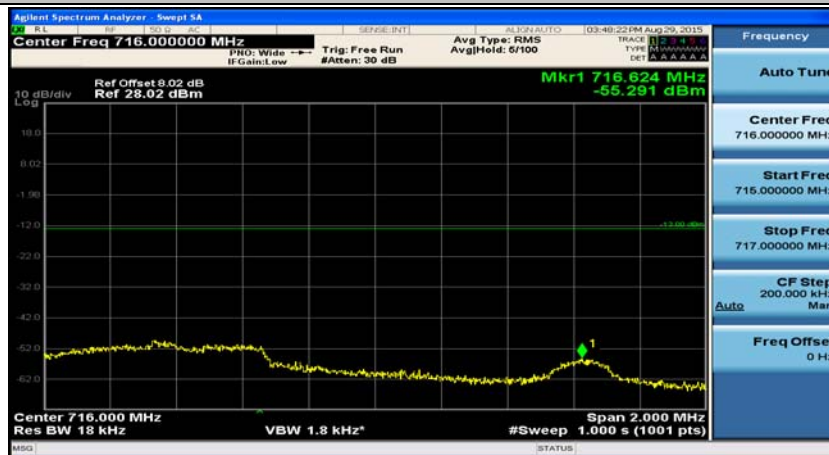
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(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



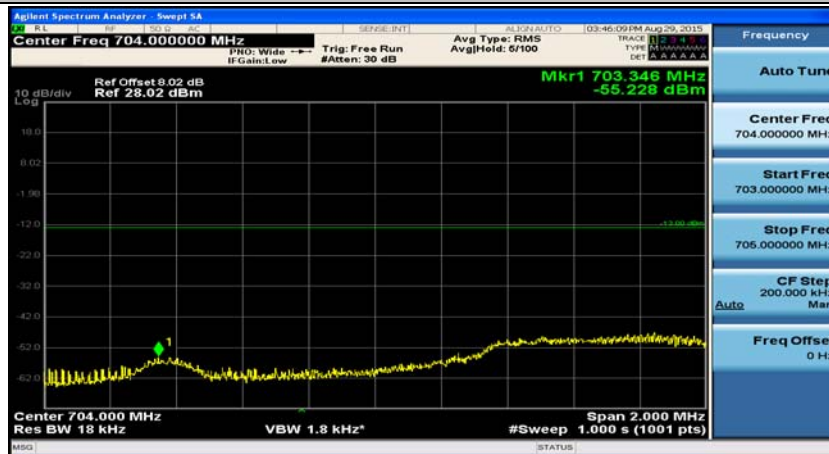
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



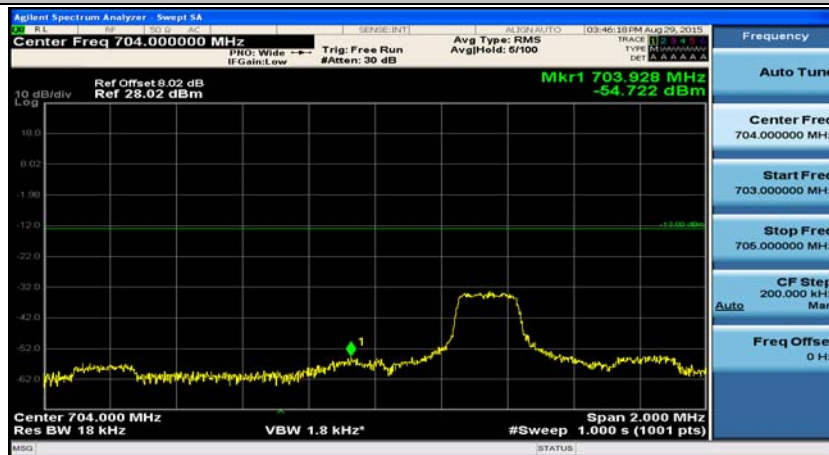
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



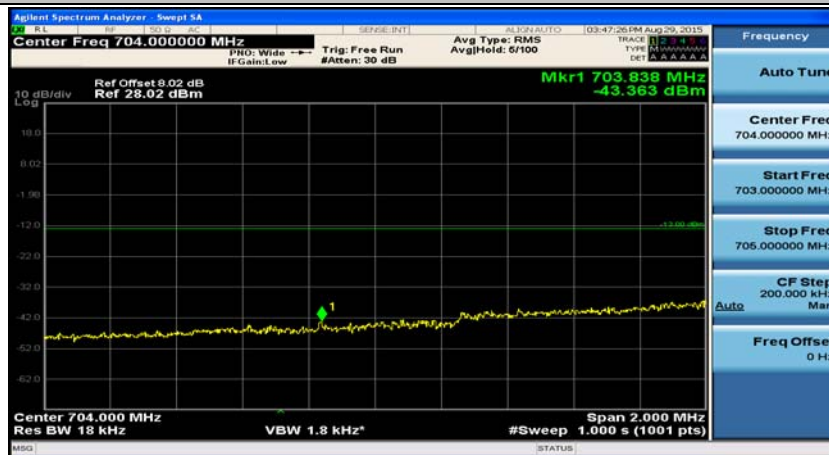
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



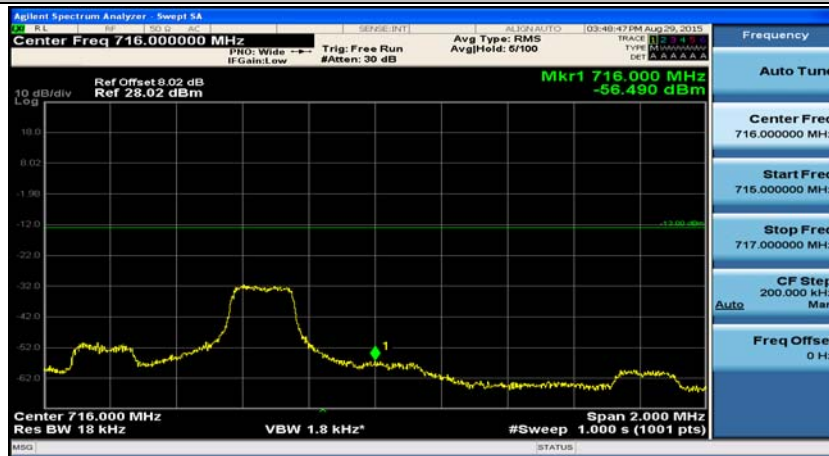
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



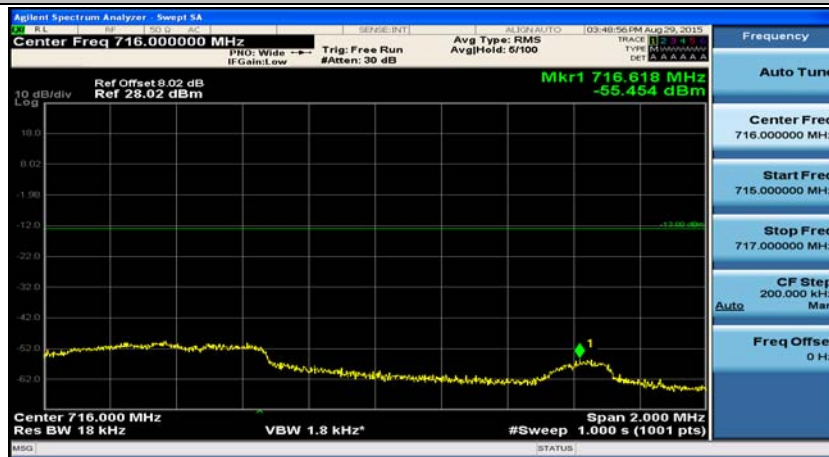
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(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

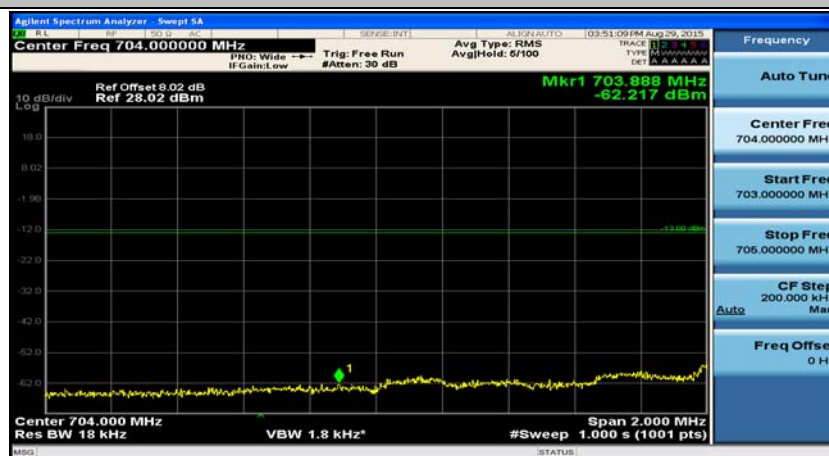


Channel Bandwidth: 10 MHz

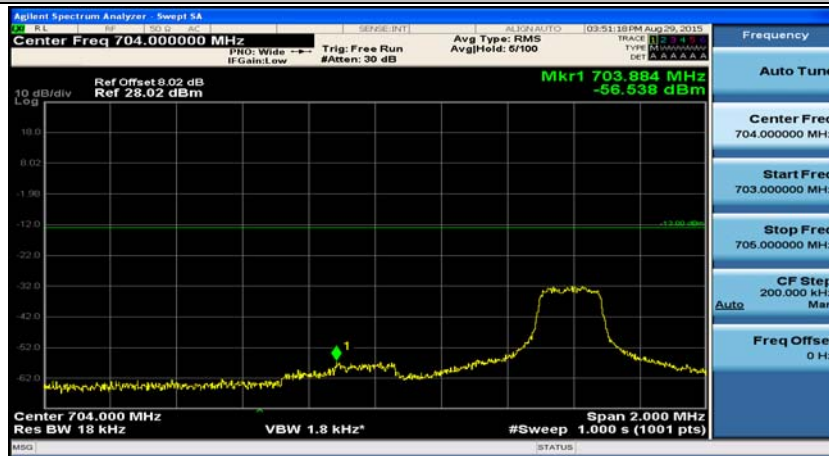
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



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

