

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	22.28	PASS
		1	12	22.54	PASS
		1	24	22.56	PASS
		12	0	21.43	PASS
		12	6	21.49	PASS
		12	13	21.58	PASS
		25	0	21.45	PASS
	MCH	1	0	22.50	PASS
		1	12	22.73	PASS
		1	24	22.77	PASS
		12	0	21.68	PASS
		12	6	21.74	PASS
		12	13	21.80	PASS
		25	0	21.68	PASS
	HCH	1	0	22.69	PASS
		1	12	22.83	PASS
		1	24	22.80	PASS
		12	0	21.85	PASS
		12	6	21.86	PASS
		12	13	21.88	PASS
		25	0	21.82	PASS
16QAM	LCH	1	0	21.77	PASS
		1	12	22.09	PASS
		1	24	22.14	PASS
		12	0	22.72	PASS
		12	6	22.82	PASS
		12	13	22.92	PASS
		25	0	22.65	PASS
	MCH	1	0	21.70	PASS
		1	12	22.00	PASS
		1	24	21.89	PASS

		12	0	22.83	PASS
		12	6	22.89	PASS
		12	13	21.91	PASS
		25	0	21.83	PASS
	HCH	1	0	22.01	PASS
		1	12	22.07	PASS
		1	24	21.99	PASS
		12	0	21.97	PASS
		12	6	21.97	PASS
		12	13	22.00	PASS
		25	0	21.96	PASS

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	4.94	<13	PASS
		1	12	5.15	<13	PASS
		1	24	5.39	<13	PASS
		12	0	6.01	<13	PASS
		12	6	6.22	<13	PASS
		12	13	6.43	<13	PASS
		25	0	6.38	<13	PASS
	MCH	1	0	5.38	<13	PASS
		1	12	5.78	<13	PASS
		1	24	5.4	<13	PASS
		12	0	6.62	<13	PASS
		12	6	6.71	<13	PASS
		12	13	6.53	<13	PASS
		25	0	6.52	<13	PASS
	HCH	1	0	5.74	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.07	<13	PASS
		12	0	6.12	<13	PASS
		12	6	5.59	<13	PASS
		12	13	5.2	<13	PASS
		25	0	5.73	<13	PASS
16QAM	LCH	1	0	5.78	<13	PASS
		1	12	5.96	<13	PASS
		1	24	6.5	<13	PASS
		12	0	6.82	<13	PASS
		12	6	6.99	<13	PASS
		12	13	7.26	<13	PASS
		25	0	7.1	<13	PASS
	MCH	1	0	5.92	<13	PASS
		1	12	6.41	<13	PASS
		1	24	6.08	<13	PASS
		12	0	7.54	<13	PASS

		12	6	7.67	<13	PASS
		12	13	7.47	<13	PASS
		25	0	7.26	<13	PASS
	HCH	1	0	6.66	<13	PASS
		1	12	5.67	<13	PASS
		1	24	5.05	<13	PASS
		12	0	6.91	<13	PASS
		12	6	6.39	<13	PASS
		12	13	5.96	<13	PASS
		25	0	6.56	<13	PASS

Channel Bandwidth: 10 MHz

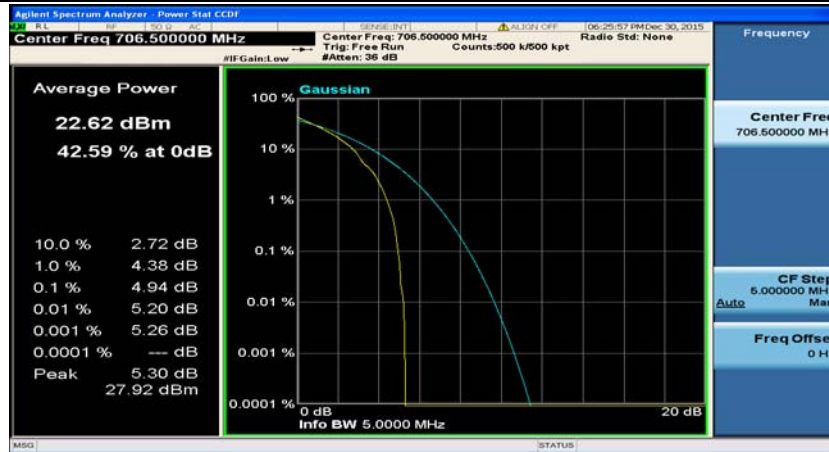
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.05	<13	PASS
		1	24	5.63	<13	PASS
		1	49	4.68	<13	PASS
		25	0	6.28	<13	PASS
		25	12	6.63	<13	PASS
		25	25	6.25	<13	PASS
		50	0	6.27	<13	PASS
	MCH	1	0	5.08	<13	PASS
		1	24	5.76	<13	PASS
		1	49	4.15	<13	PASS
		25	0	6.48	<13	PASS
		25	12	6.68	<13	PASS
		25	25	5.99	<13	PASS
		50	0	6.08	<13	PASS
	HCH	1	0	5.08	<13	PASS
		1	24	5.58	<13	PASS
		1	49	3.92	<13	PASS
		25	0	6.55	<13	PASS
		25	12	6.55	<13	PASS
		25	25	5.73	<13	PASS
		50	0	5.92	<13	PASS
16QAM	LCH	1	0	5.93	<13	PASS
		1	24	6.51	<13	PASS
		1	49	5.51	<13	PASS
		25	0	7.05	<13	PASS
		25	12	7.47	<13	PASS

		25	25	7.03	<13	PASS
		50	0	6.95	<13	PASS
	MCH	1	0	5.87	<13	PASS
		1	24	6.65	<13	PASS
		1	49	5.08	<13	PASS
		25	0	7.21	<13	PASS
		25	12	7.48	<13	PASS
		25	25	6.81	<13	PASS
		50	0	6.85	<13	PASS
	HCH	1	0	5.94	<13	PASS
		1	24	6.56	<13	PASS
		1	49	4.79	<13	PASS
		25	0	7.37	<13	PASS
		25	12	7.26	<13	PASS
		25	25	6.57	<13	PASS
		50	0	5.73	<13	PASS

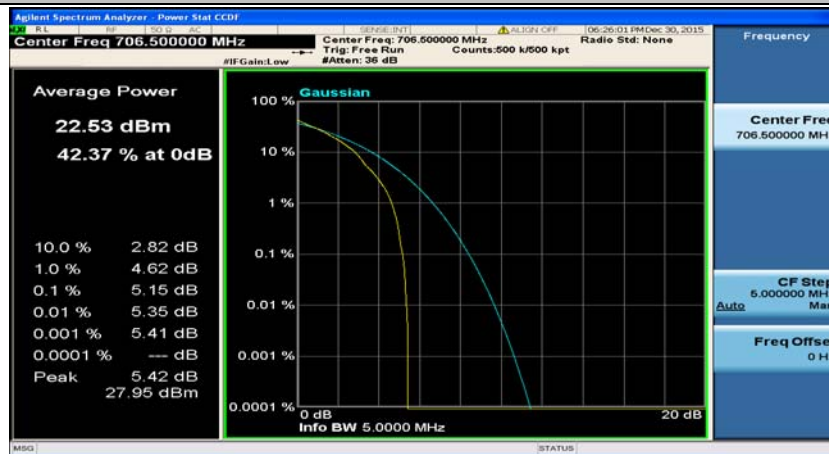
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



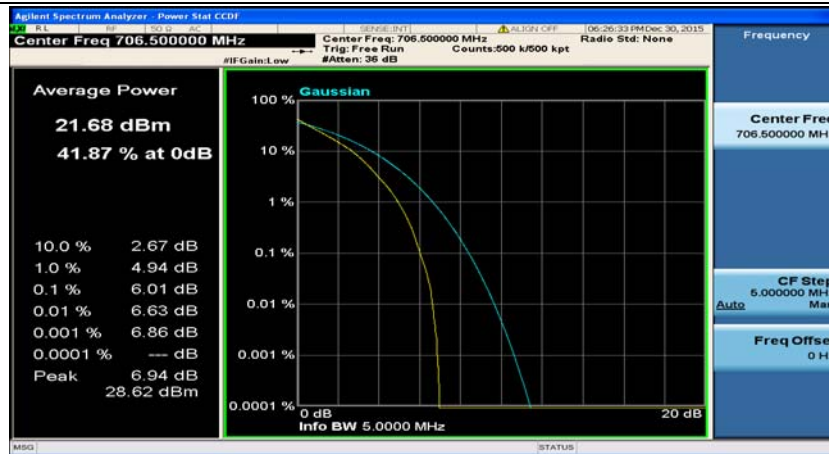
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



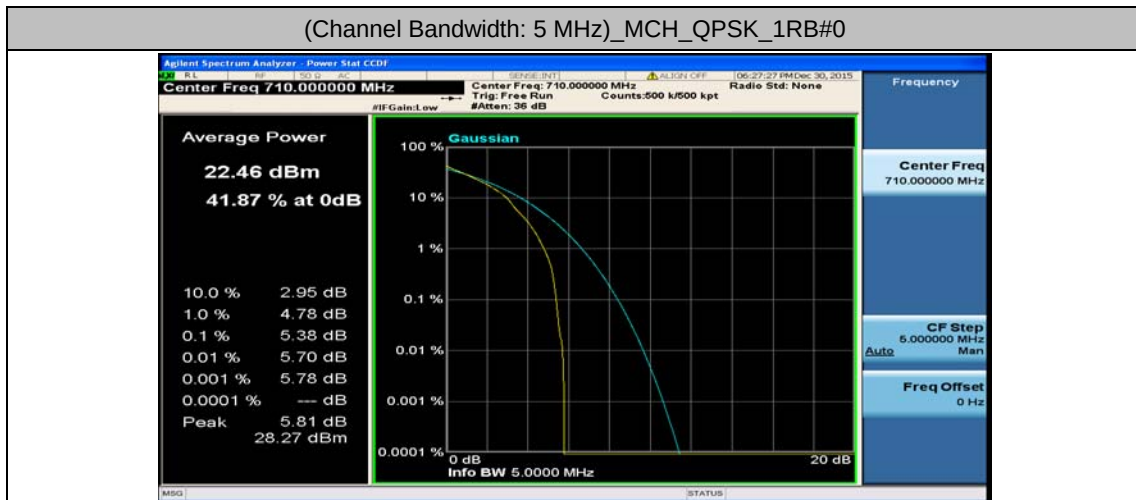
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



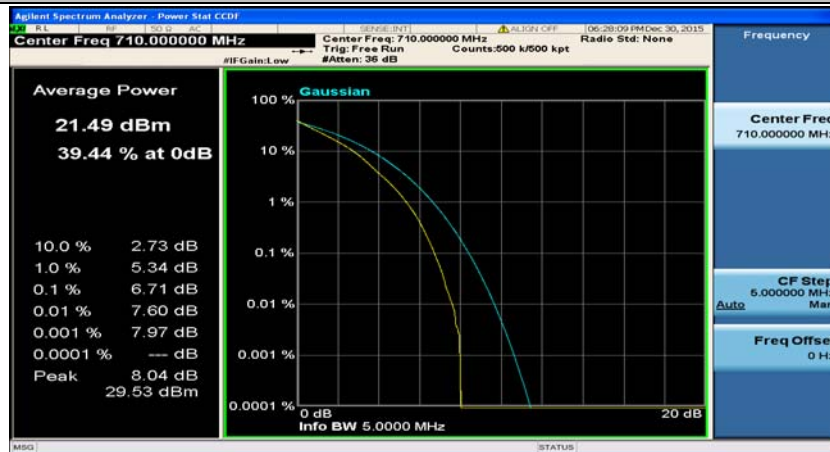
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



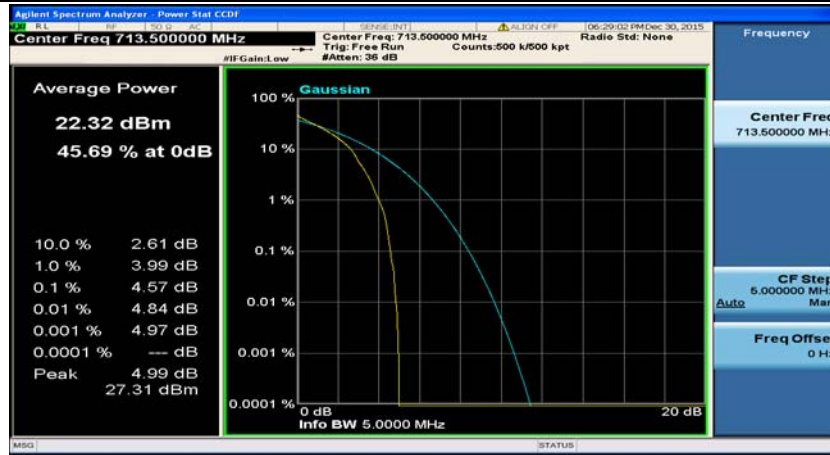
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



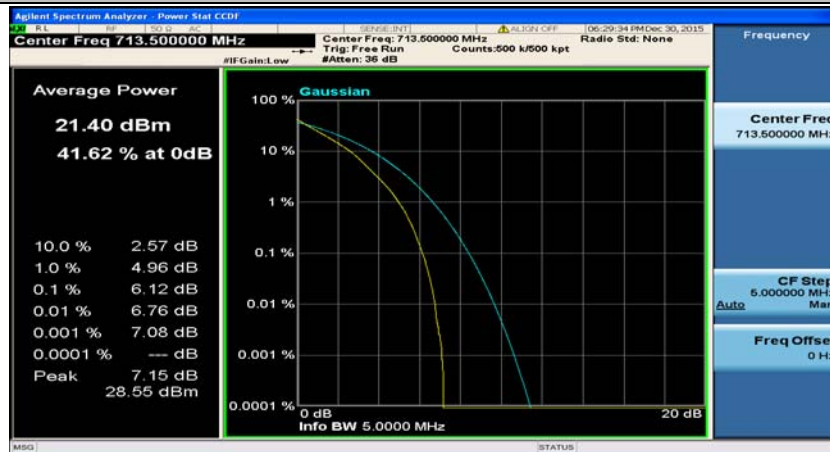
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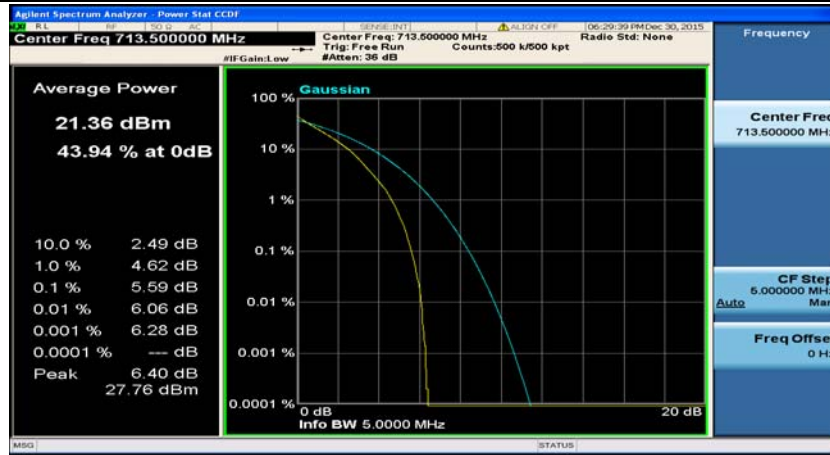
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



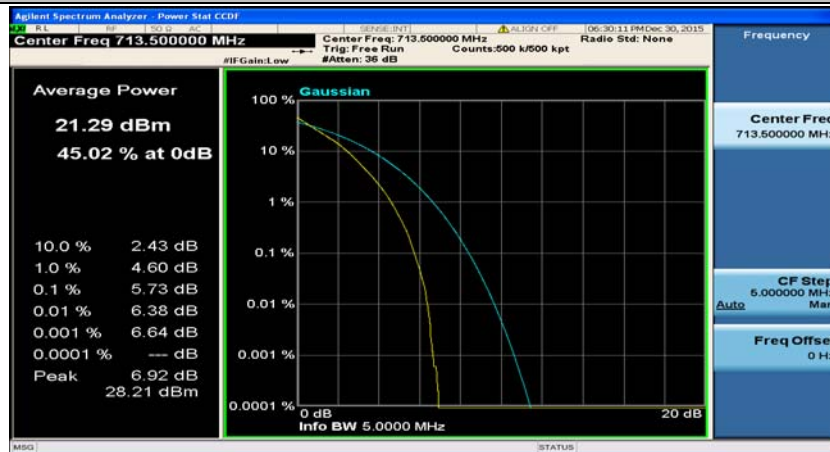
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



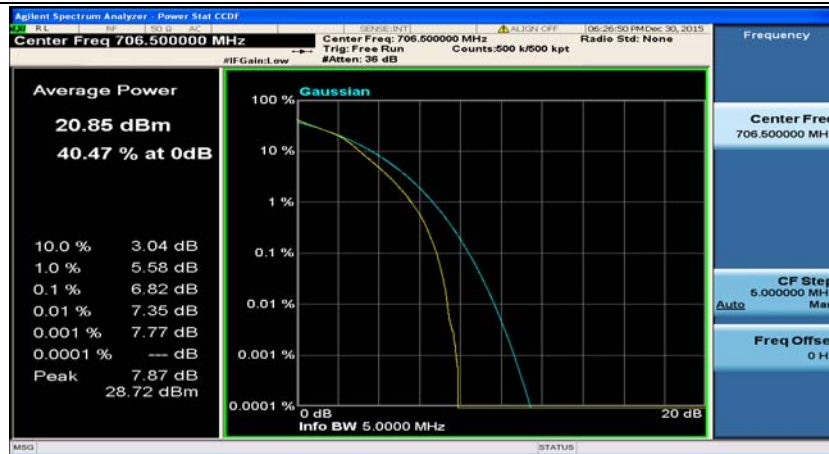
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



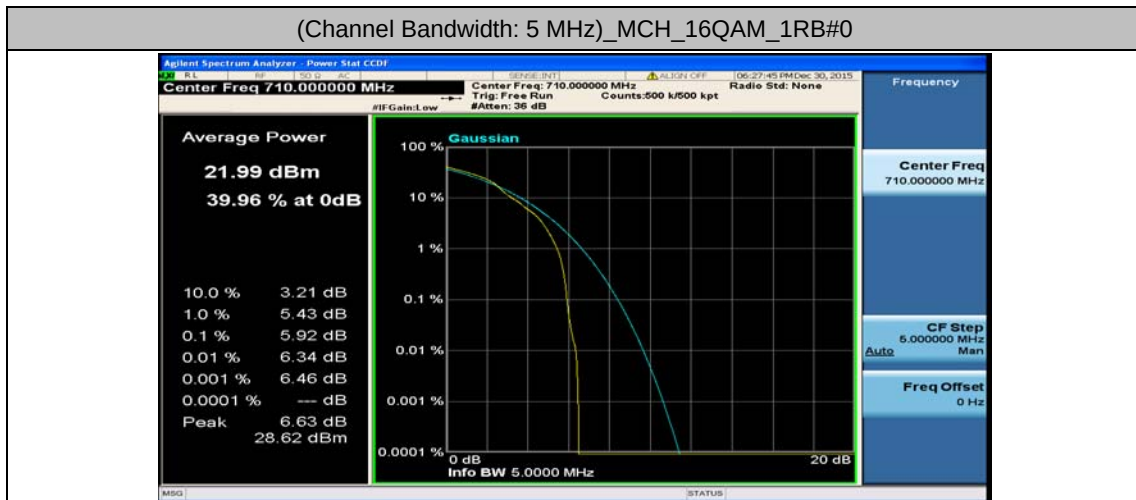
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



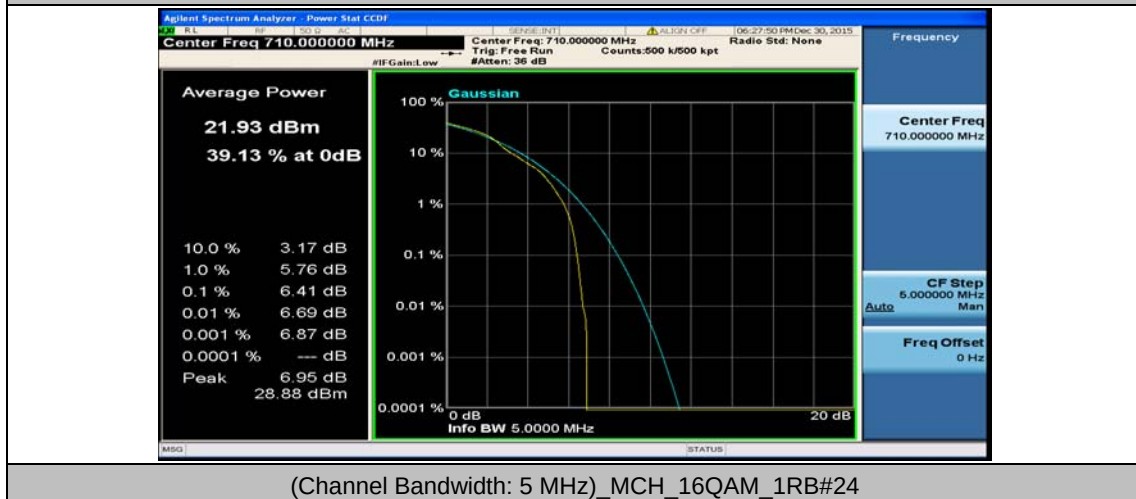
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



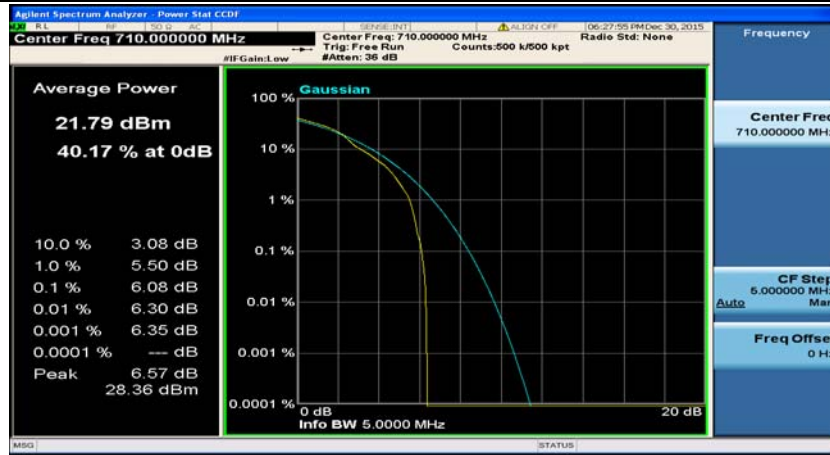
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(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



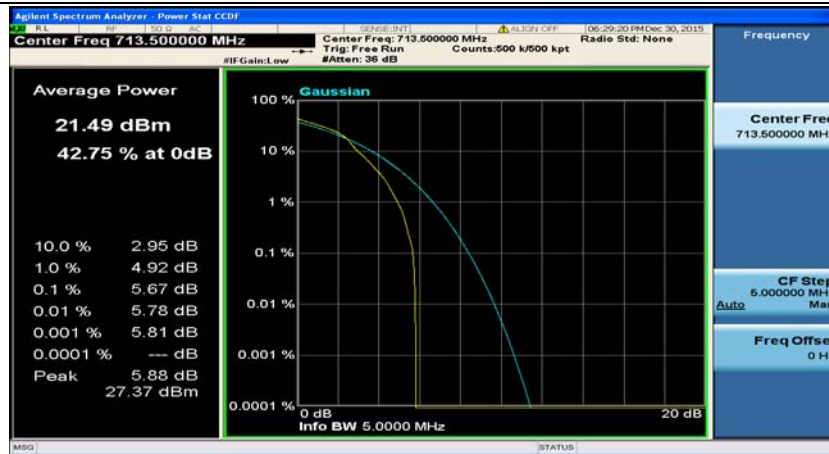
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



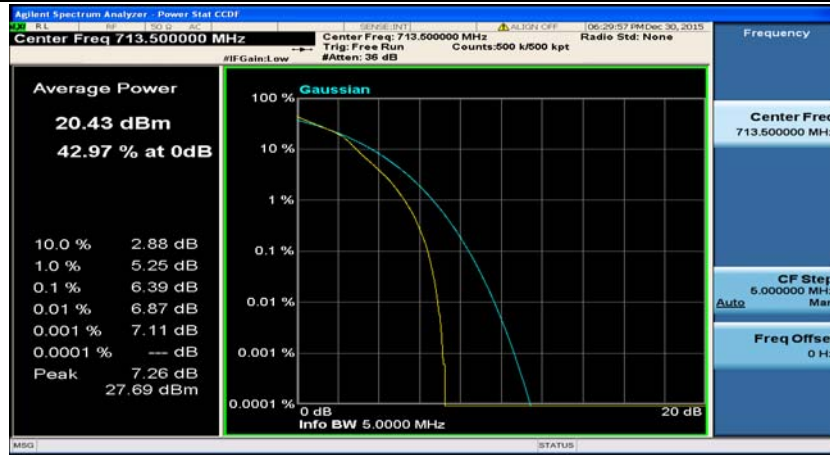
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



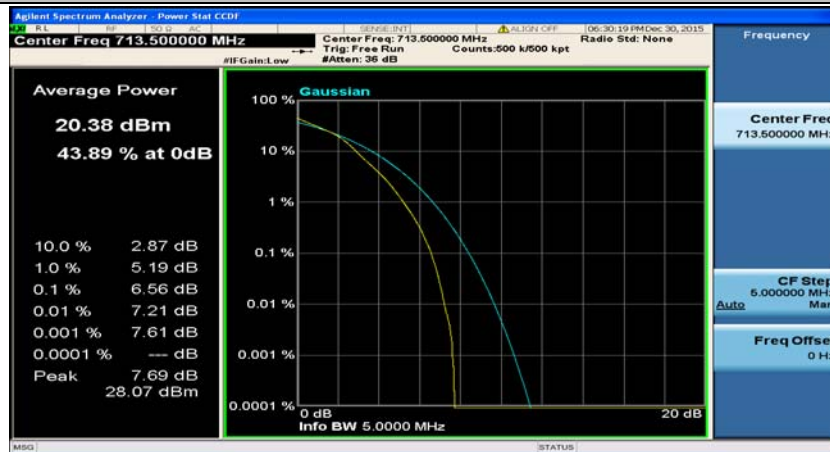
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



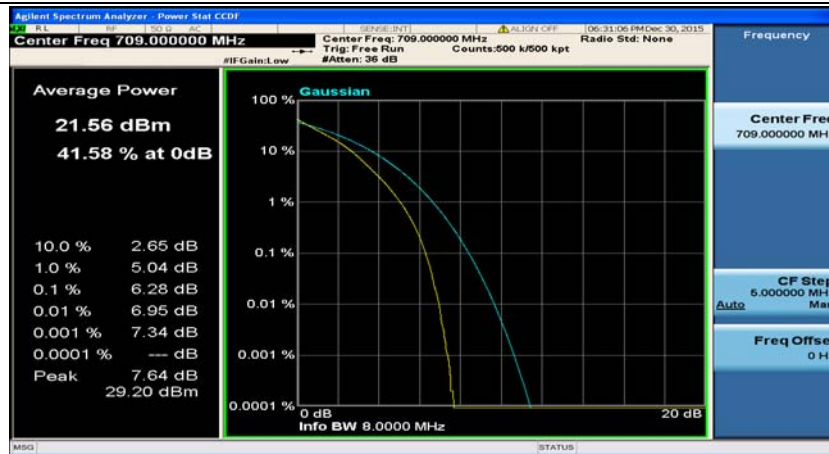
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



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

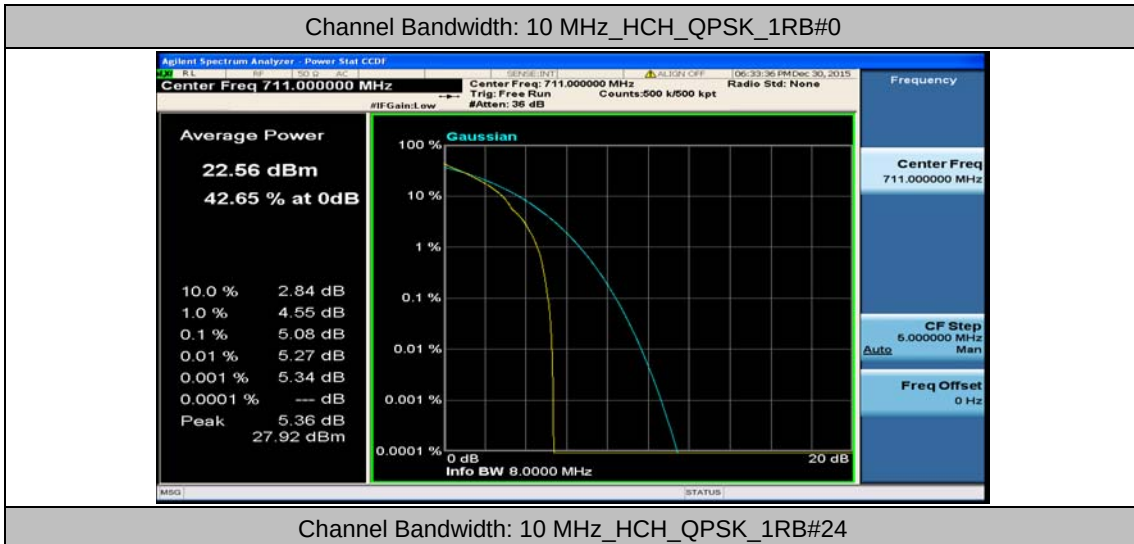


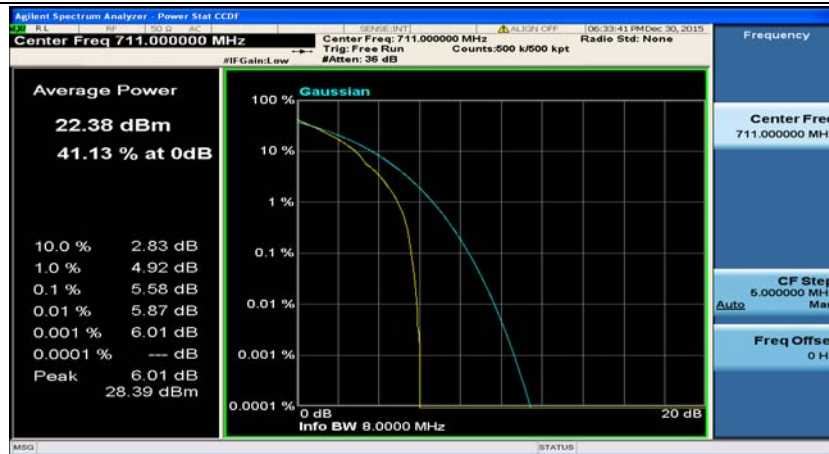
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49







Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



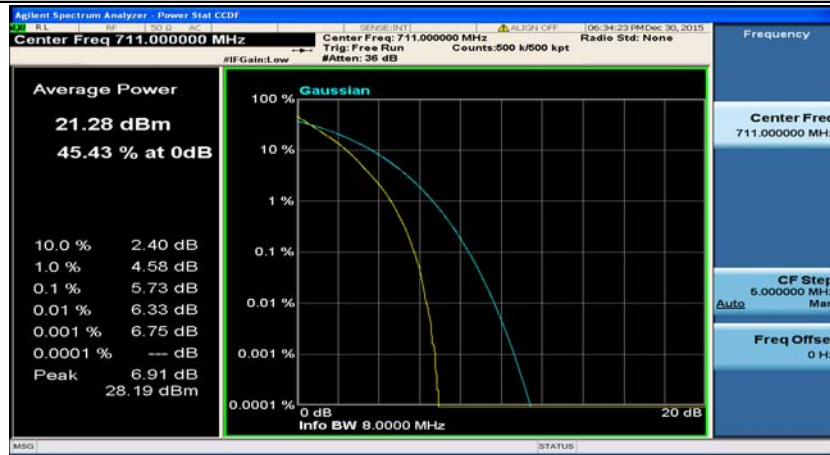
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



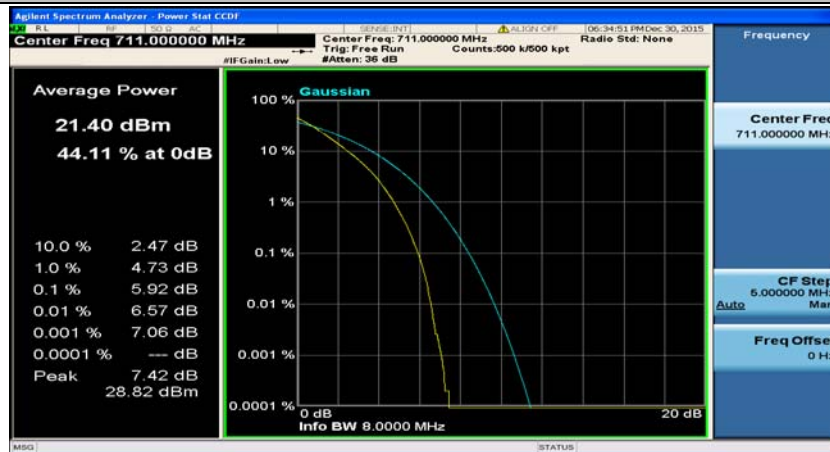
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



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





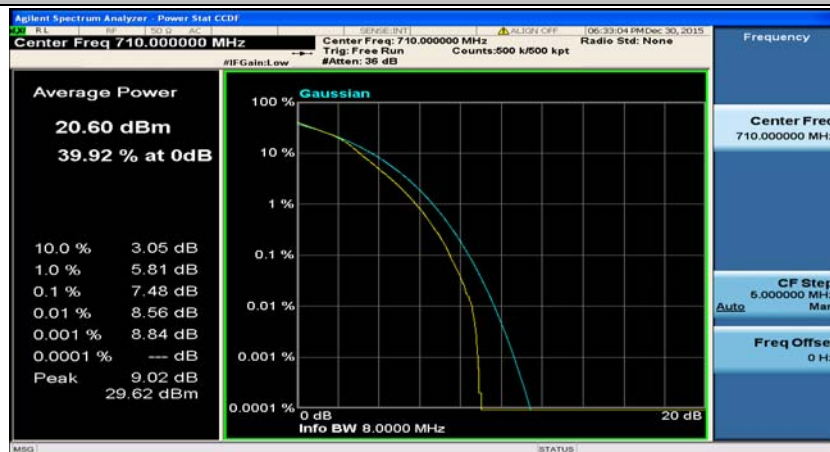
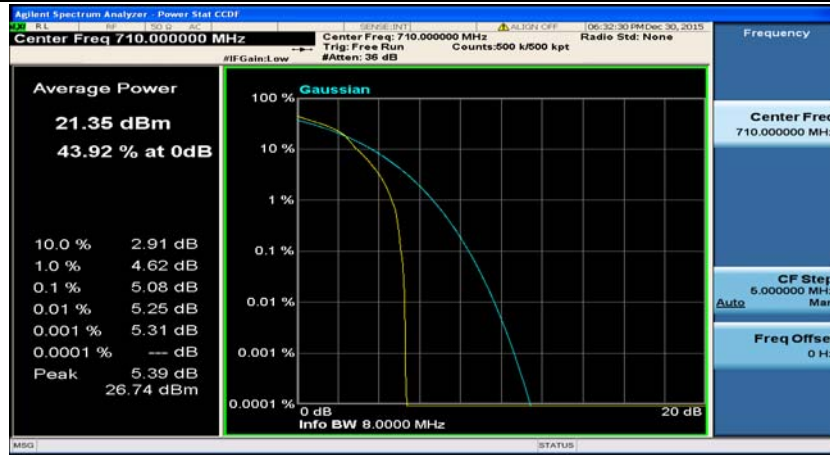
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





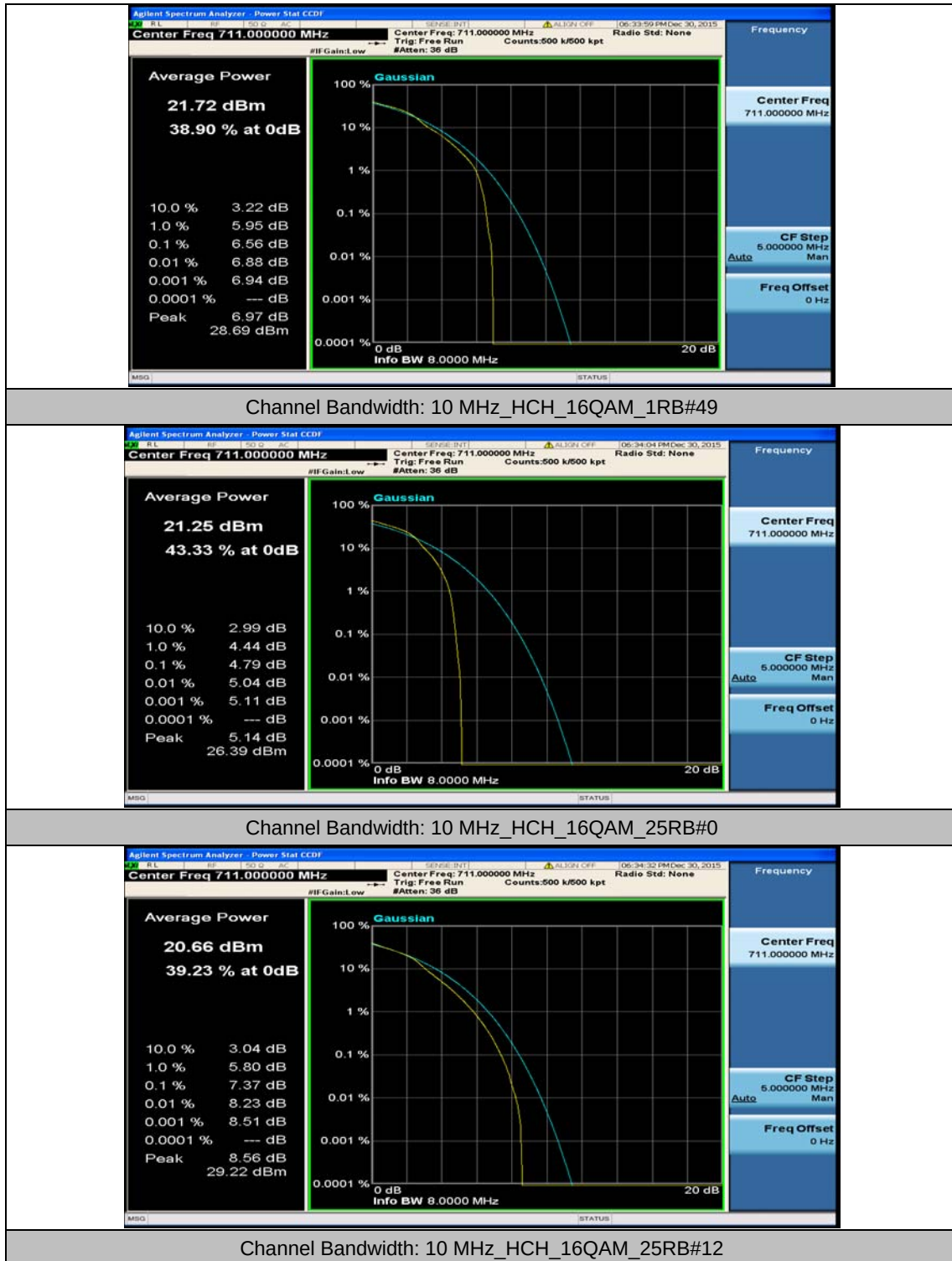
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

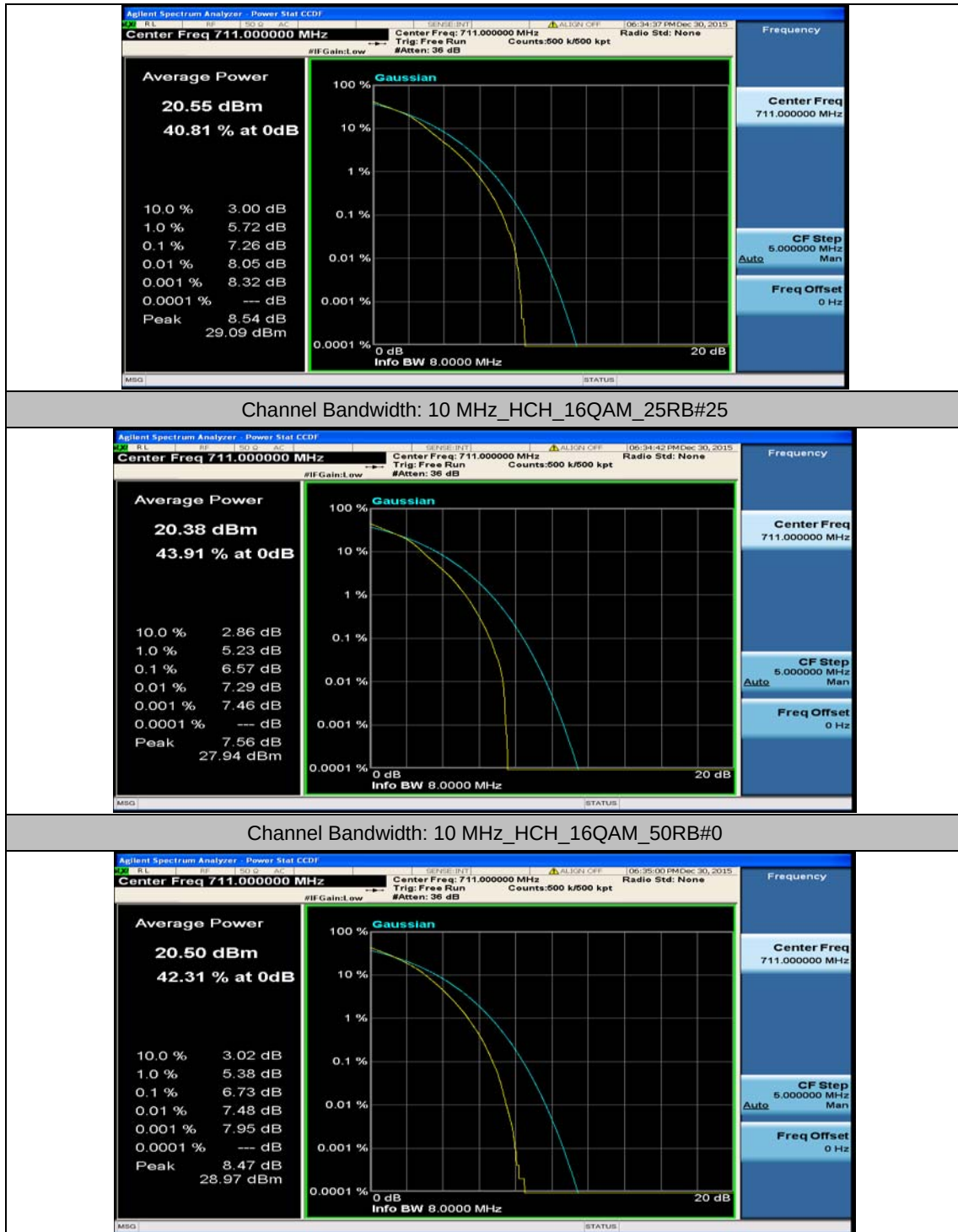


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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	4.4945	4.850	PASS
	MCH	25	0	4.4786	4.794	PASS
	HCH	25	0	4.4680	4.830	PASS
16QAM	LCH	25	0	4.4931	4.807	PASS
	MCH	25	0	4.4846	4.848	PASS
	HCH	25	0	4.4731	4.801	PASS

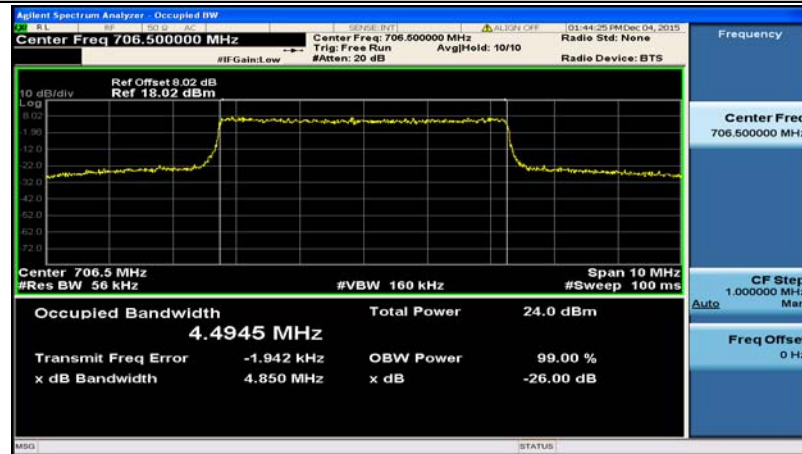
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	9.533	8.965	PASS
	MCH	50	0	9.491	8.951	PASS
	HCH	50	0	9.446	8.937	PASS
16QAM	LCH	50	0	9.484	8.962	PASS
	MCH	50	0	9.401	8.941	PASS
	HCH	50	0	9.492	8.959	PASS

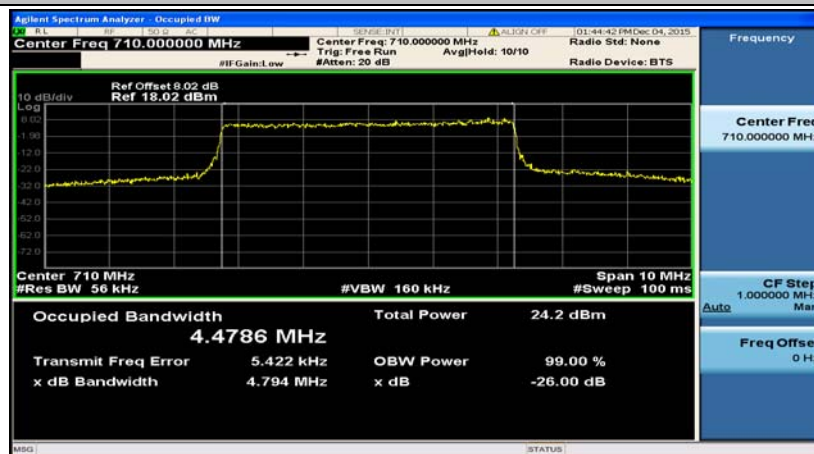
Test Graphs

Channel Bandwidth: 5 MHz

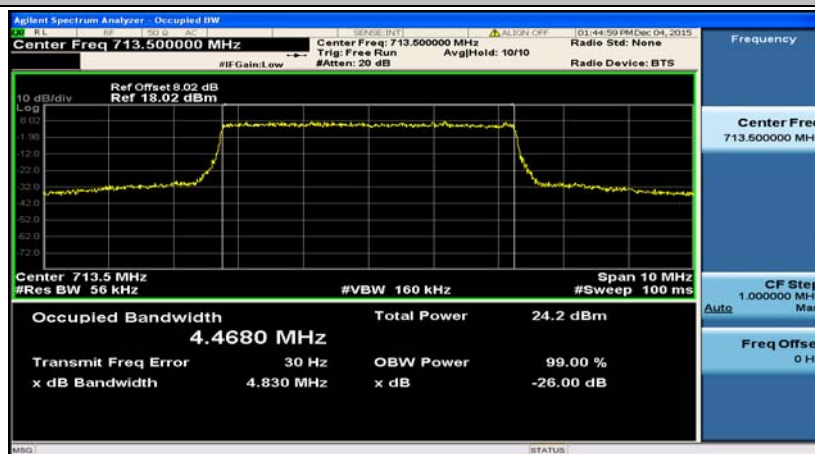
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



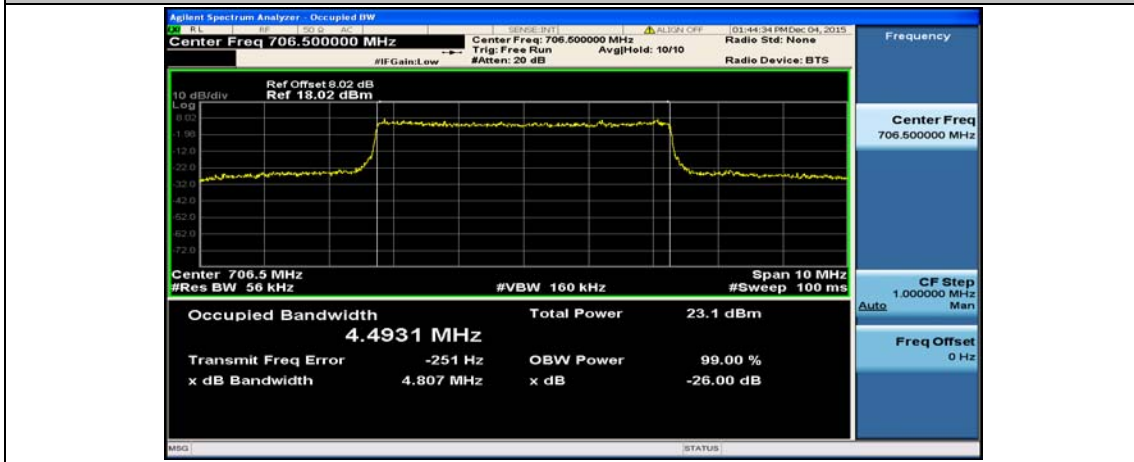
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



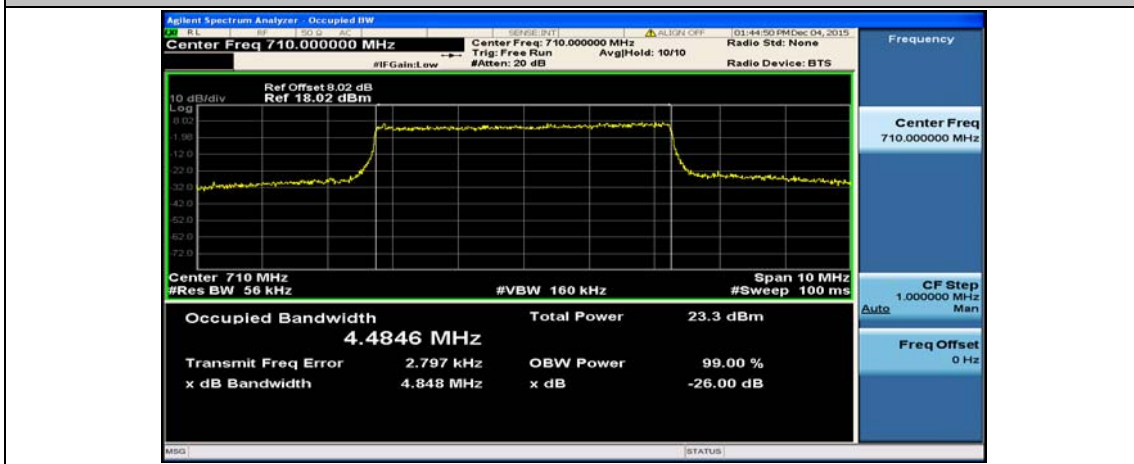
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



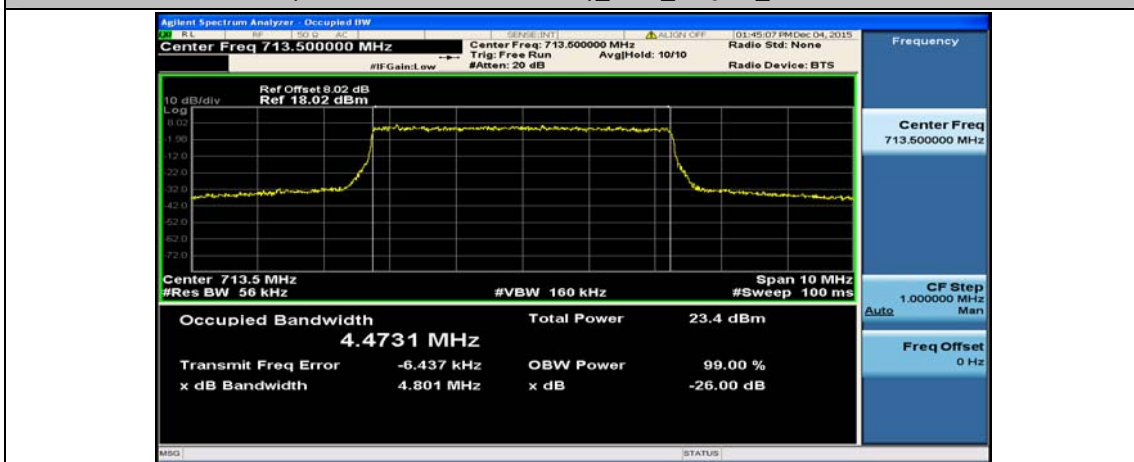
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

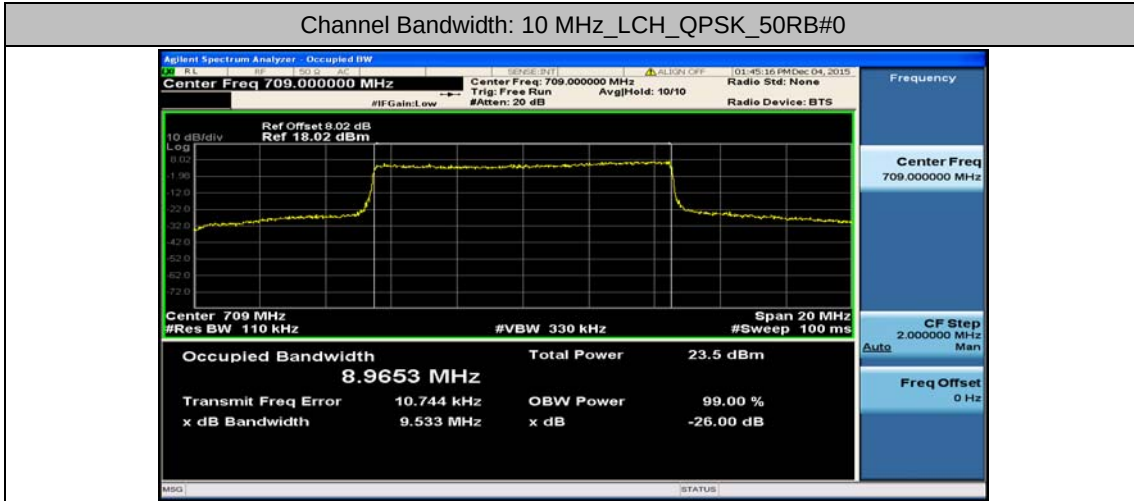


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

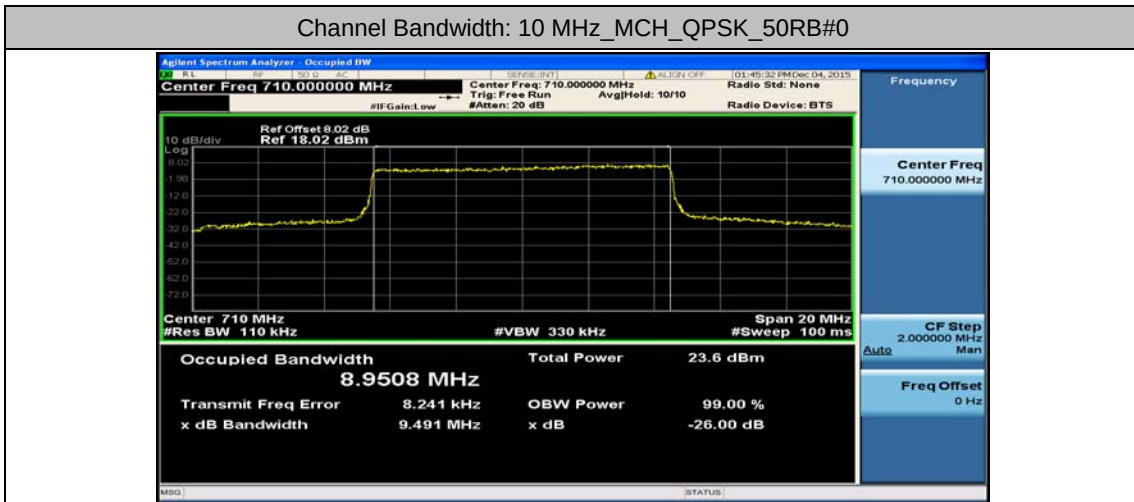


Channel Bandwidth: 10 MHz

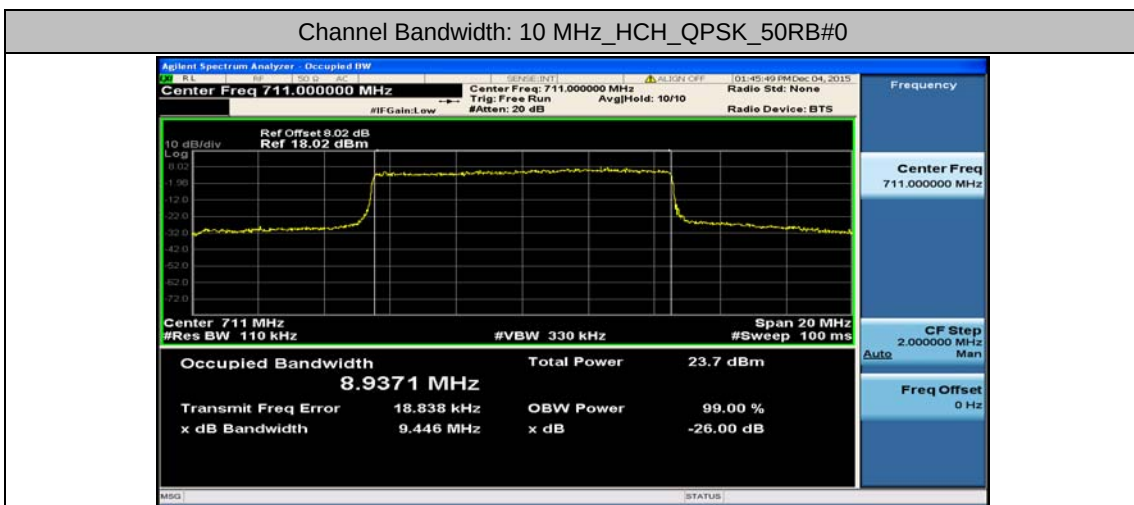
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



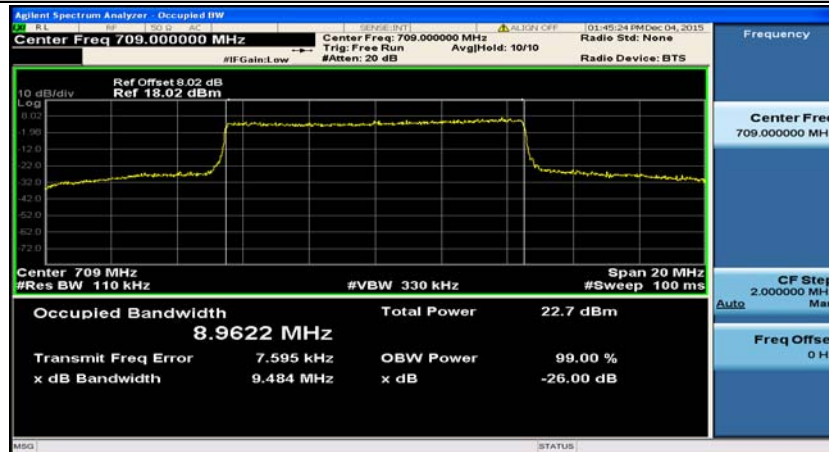
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



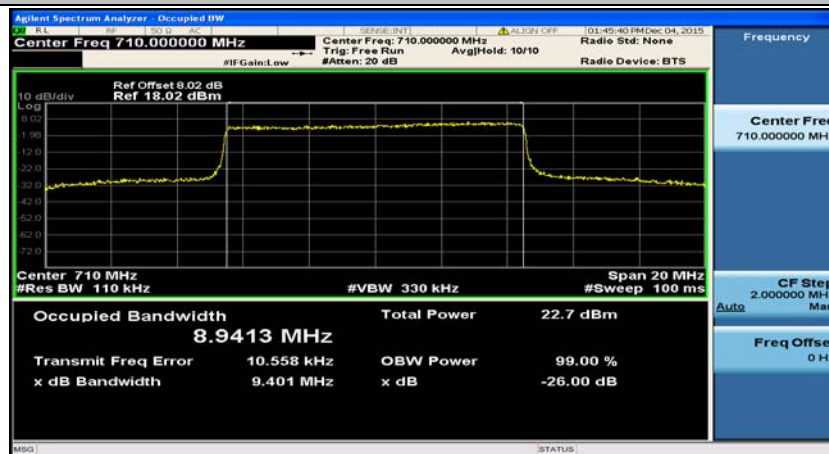
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



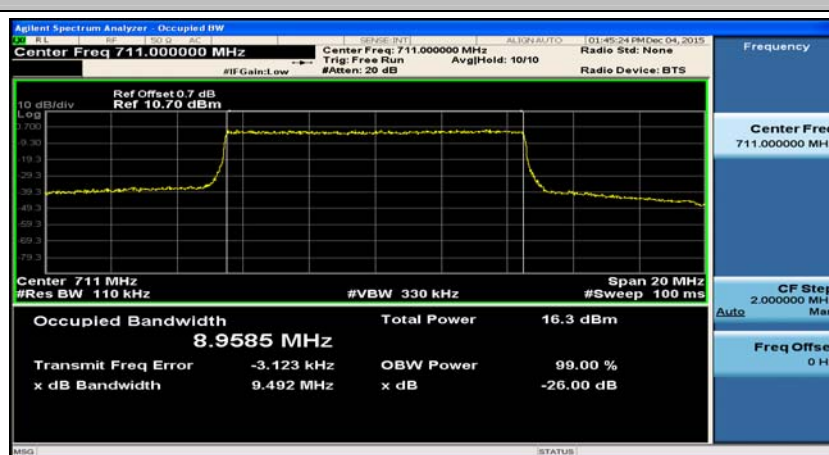
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

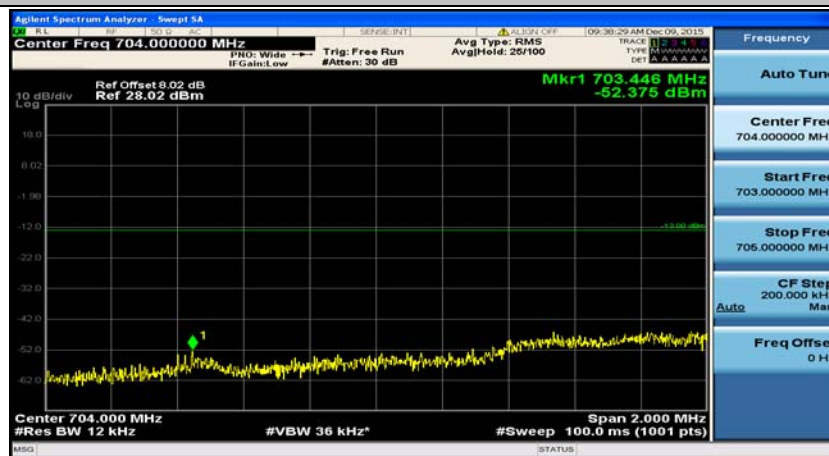
Test Graphs

Channel Bandwidth: 5 MHz

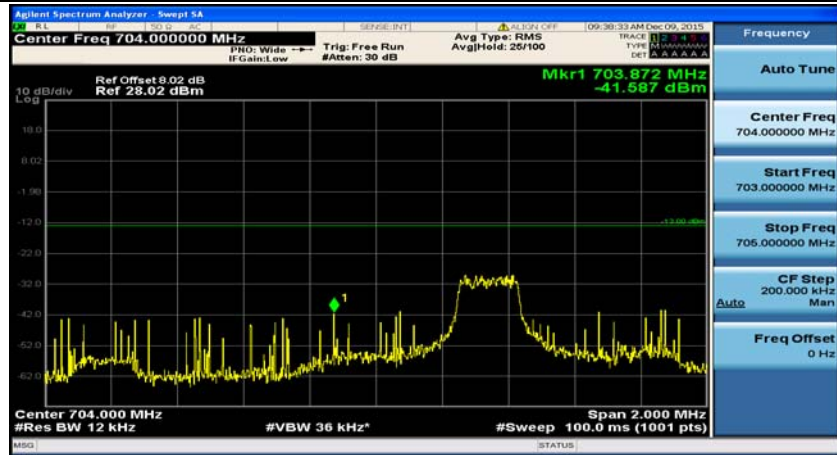
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



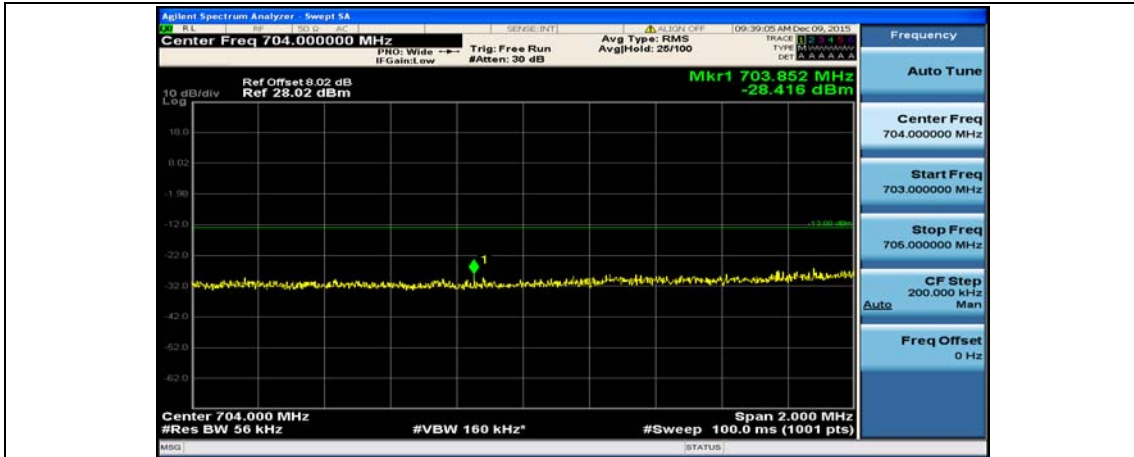
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



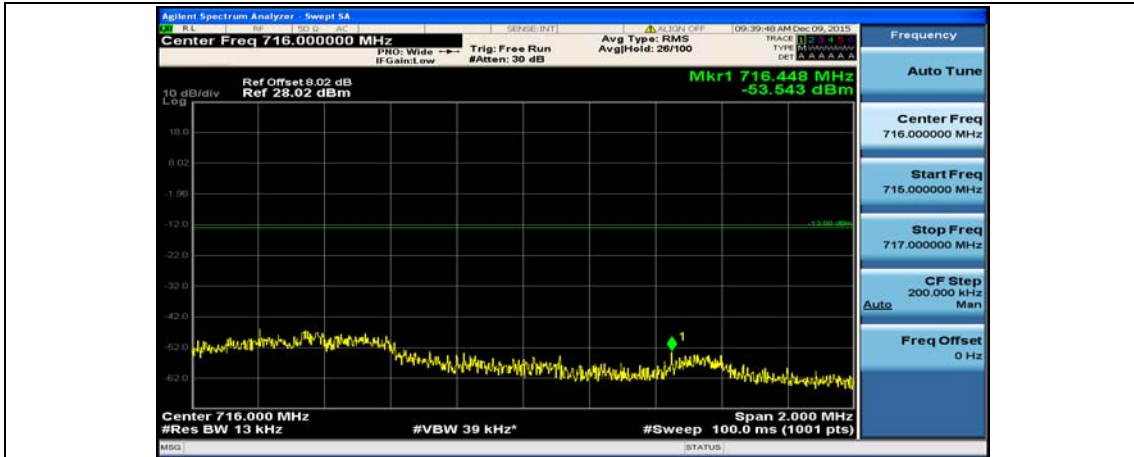
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



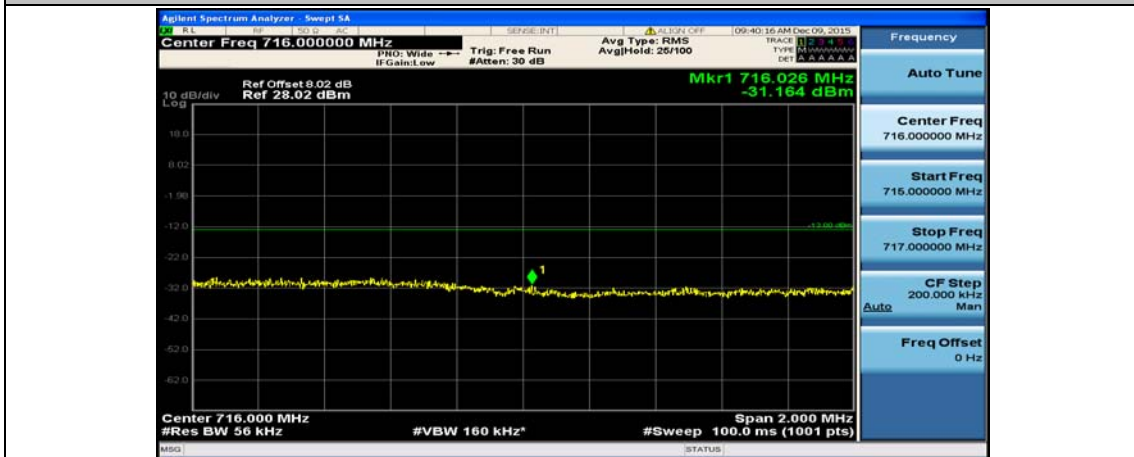
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(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



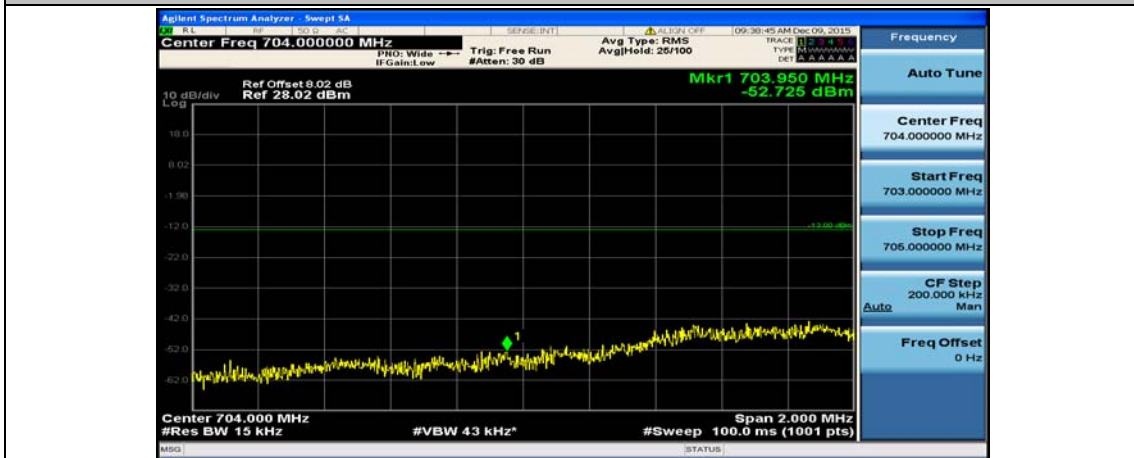
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



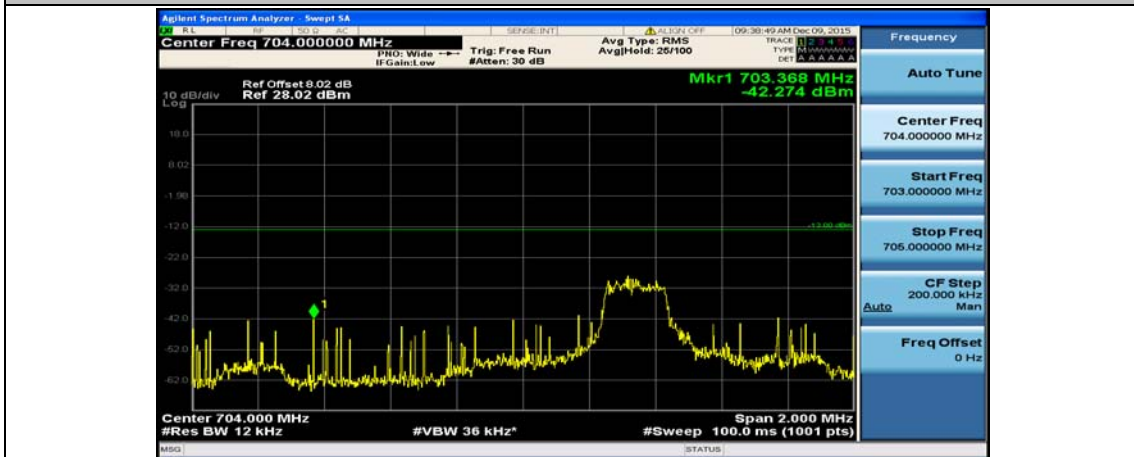
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



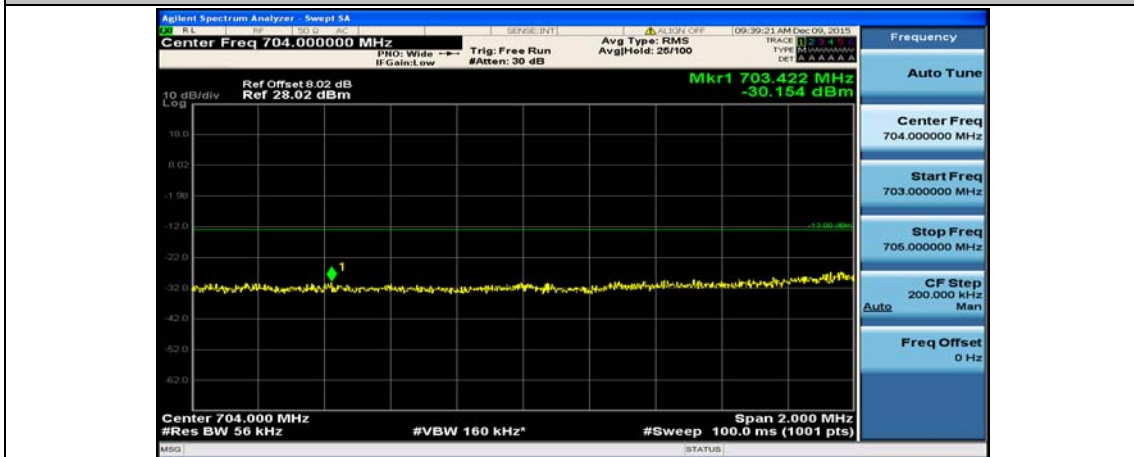
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



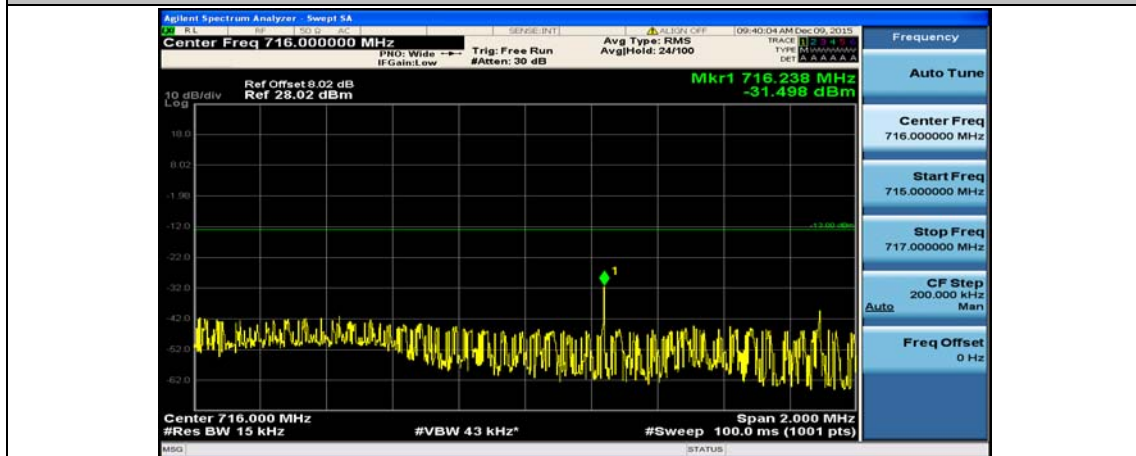
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



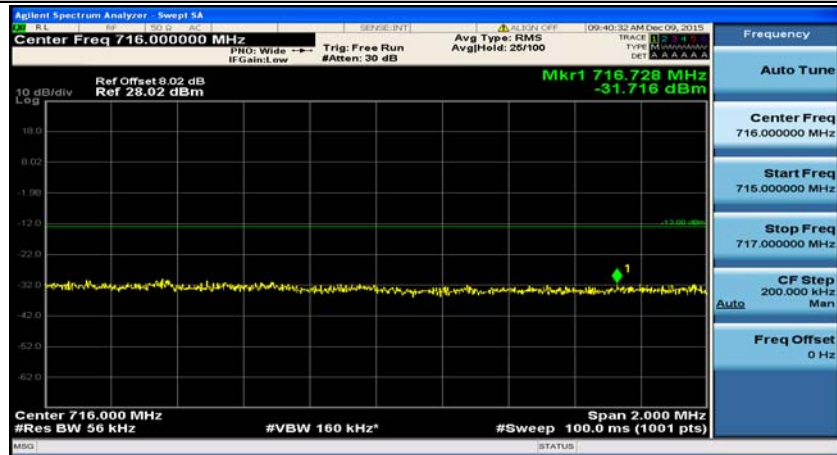
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



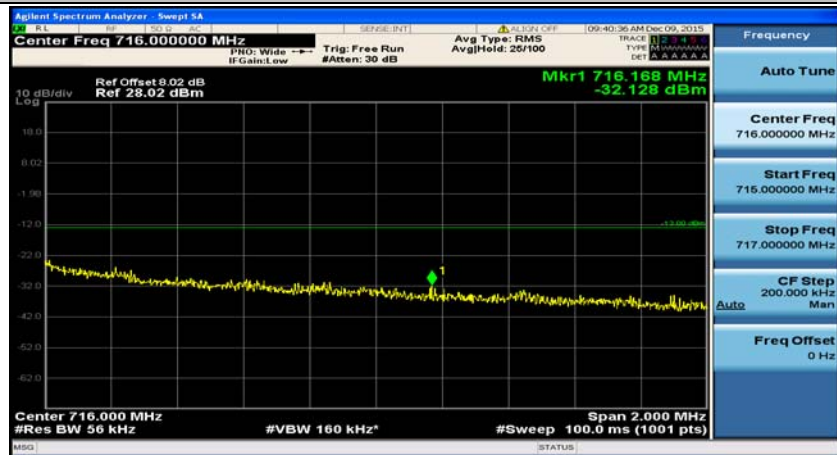
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



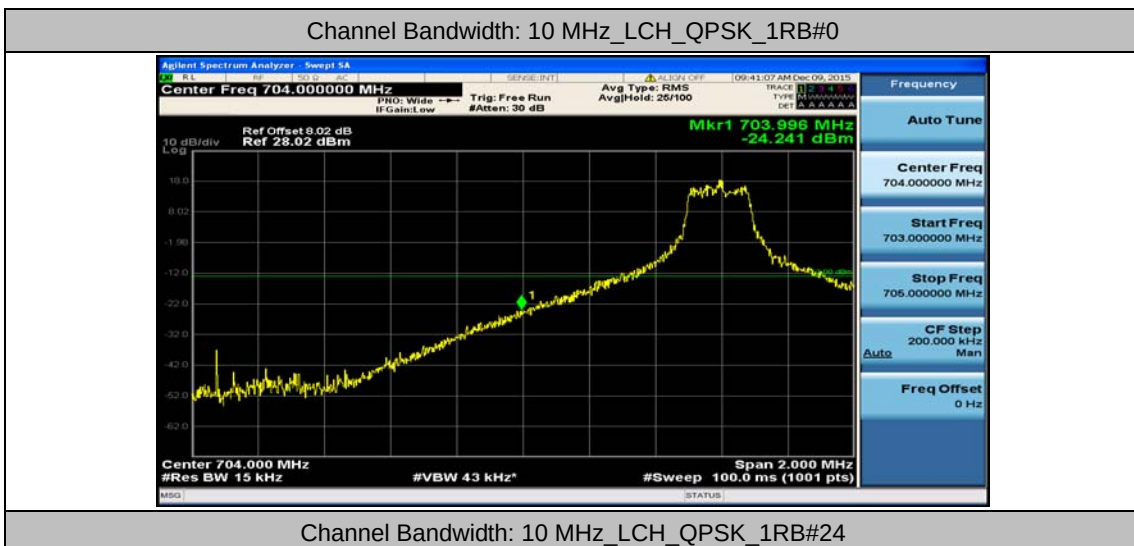
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



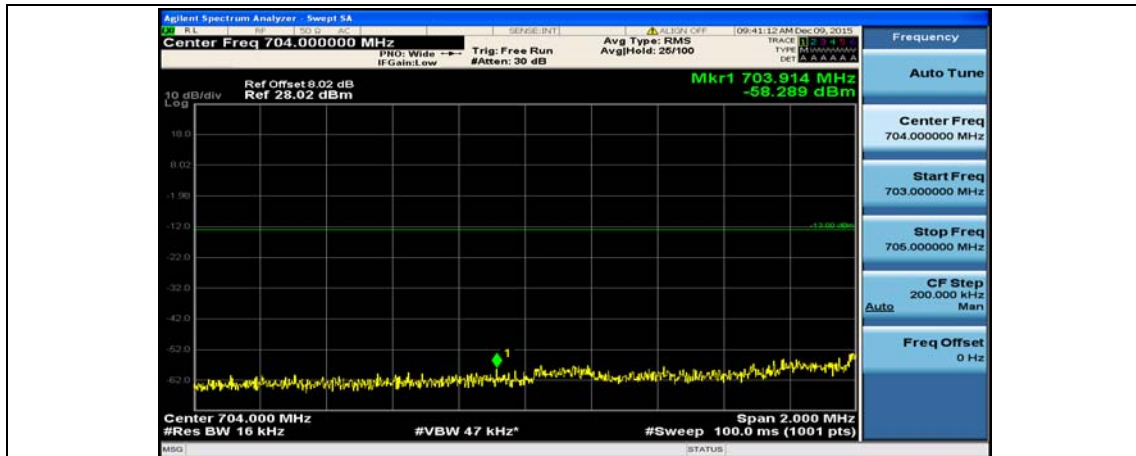
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



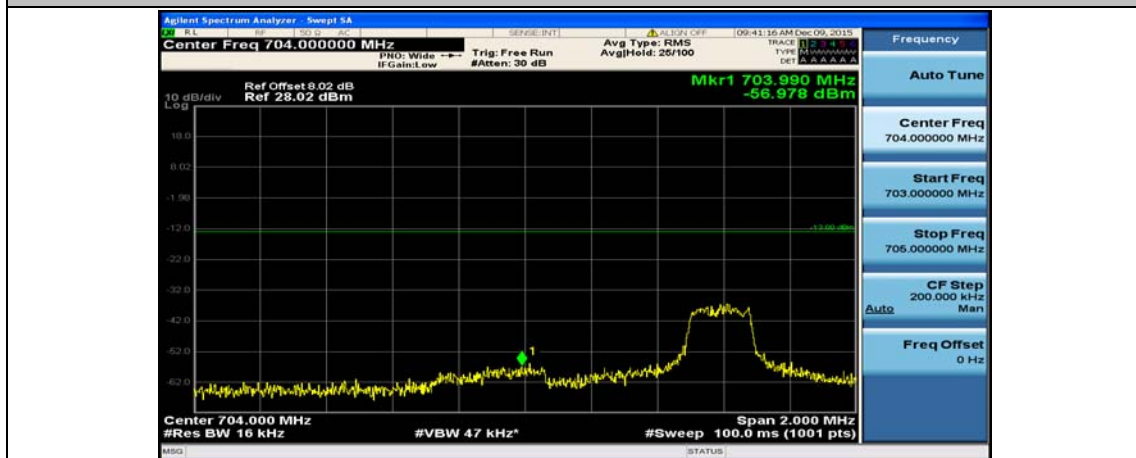
Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#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