

Appendix for Band 17

Mode: Elite 7.0L

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	24.25	PASS
		1	12	24.07	PASS
		1	24	24.09	PASS
		12	0	23.08	PASS
		12	6	23.09	PASS
		12	13	23.16	PASS
		25	0	23.04	PASS
	MCH	1	0	24.10	PASS
		1	12	23.98	PASS
		1	24	23.62	PASS
		12	0	23.05	PASS
		12	6	22.92	PASS
		12	13	22.83	PASS
		25	0	22.90	PASS
	HCH	1	0	23.59	PASS
		1	12	23.49	PASS
		1	24	23.73	PASS
		12	0	23.00	PASS
		12	6	22.92	PASS
		12	13	22.82	PASS
		25	0	22.89	PASS
16QAM	LCH	1	0	23.11	PASS
		1	12	23.33	PASS
		1	24	23.32	PASS
		12	0	22.14	PASS
		12	6	22.20	PASS
		12	13	22.31	PASS
		25	0	22.10	PASS

	MCH	1	0	23.02	PASS
		1	12	22.97	PASS
		1	24	22.74	PASS
		12	0	22.25	PASS
		12	6	22.21	PASS
		12	13	22.08	PASS
		25	0	22.16	PASS
	HCH	1	0	22.88	PASS
		1	12	22.83	PASS
		1	24	22.66	PASS
		12	0	21.96	PASS
		12	6	21.87	PASS
		12	13	21.76	PASS
		25	0	21.82	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.27	PASS
		1	24	23.98	PASS
		1	49	23.67	PASS
		25	0	23.03	PASS
		25	12	23.09	PASS
		25	25	23.02	PASS
		50	0	23.15	PASS
	MCH	1	0	24.04	PASS
		1	24	24.02	PASS
		1	49	23.74	PASS
		25	0	23.07	PASS
		25	12	23.07	PASS
		25	25	23.00	PASS
		50	0	23.08	PASS
	HCH	1	0	24.03	PASS
		1	24	23.78	PASS
		1	49	23.71	PASS
		25	0	23.12	PASS
		25	12	23.03	PASS
		25	25	22.90	PASS
		50	0	23.01	PASS
16QAM	LCH	1	0	23.08	PASS
		1	24	23.20	PASS

		1	49	22.97	PASS
		25	0	22.10	PASS
		25	12	22.18	PASS
		25	25	22.05	PASS
		50	0	22.16	PASS
	MCH	1	0	23.15	PASS
		1	24	23.14	PASS
		1	49	22.85	PASS
		25	0	22.16	PASS
		25	12	22.15	PASS
		25	25	21.93	PASS
		50	0	22.12	PASS
	HCH	1	0	23.31	PASS
		1	24	23.19	PASS
		1	49	22.87	PASS
		25	0	22.23	PASS
		25	12	22.11	PASS
		25	25	21.85	PASS
		50	0	22.08	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	1.82	<13	PASS
		1	12	3.03	<13	PASS
		1	24	3.13	<13	PASS
		12	0	3.75	<13	PASS
		12	6	4.31	<13	PASS
		12	13	4.76	<13	PASS
		25	0	4.63	<13	PASS
	MCH	1	0	3.3	<13	PASS
		1	12	2.95	<13	PASS
		1	24	2.42	<13	PASS
		12	0	4.78	<13	PASS
		12	6	4.41	<13	PASS
		12	13	4.07	<13	PASS
		25	0	4.91	<13	PASS
	HCH	1	0	2.47	<13	PASS
		1	12	2.04	<13	PASS
		1	24	2.26	<13	PASS
		12	0	3.54	<13	PASS
		12	6	3.2	<13	PASS
		12	13	3.33	<13	PASS
		25	0	4.11	<13	PASS
16QAM	LCH	1	0	3.03	<13	PASS
		1	12	4.17	<13	PASS
		1	24	4.21	<13	PASS
		12	0	4.62	<13	PASS
		12	6	5.13	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.39	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	12	3.62	<13	PASS
		1	24	3.03	<13	PASS
		12	0	5.6	<13	PASS

		12	6	5.18	<13	PASS
		12	13	4.8	<13	PASS
		25	0	5.61	<13	PASS
	HCH	1	0	3.39	<13	PASS
		1	12	3.04	<13	PASS
		1	24	3.36	<13	PASS
		12	0	4.46	<13	PASS
		12	6	4.14	<13	PASS
		12	13	4.26	<13	PASS
		25	0	4.91	<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	2.05	<13	PASS
		1	24	3.31	<13	PASS
		1	49	2.17	<13	PASS
		25	0	4.68	<13	PASS
		25	12	4.69	<13	PASS
		25	25	4.32	<13	PASS
		50	0	4.78	<13	PASS
	MCH	1	0	2.65	<13	PASS
		1	24	3.03	<13	PASS
		1	49	2.06	<13	PASS
		25	0	4.92	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.06	<13	PASS
		50	0	4.94	<13	PASS
	HCH	1	0	3.04	<13	PASS
		1	24	2.79	<13	PASS
		1	49	2.09	<13	PASS
		25	0	5	<13	PASS
		25	12	4.19	<13	PASS
		25	25	3.95	<13	PASS
		50	0	5.86	<13	PASS
16QAM	LCH	1	0	3.17	<13	PASS
		1	24	3.92	<13	PASS
		1	49	2.91	<13	PASS
		25	0	5.47	<13	PASS
		25	12	5.52	<13	PASS

		25	25	5.11	<13	PASS
		50	0	5.56	<13	PASS
	MCH	1	0	3.76	<13	PASS
		1	24	3.67	<13	PASS
		1	49	3.06	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.35	<13	PASS
		25	25	4.93	<13	PASS
		50	0	5.68	<13	PASS
	HCH	1	0	4.22	<13	PASS
		1	24	3.47	<13	PASS
		1	49	3.26	<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

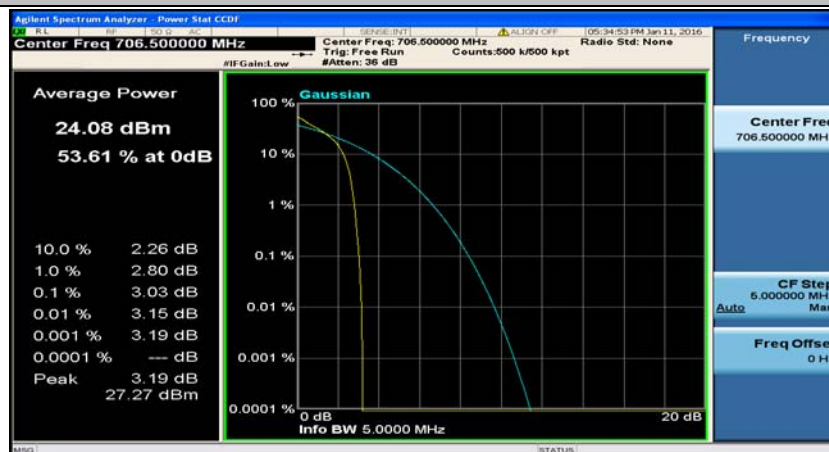
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



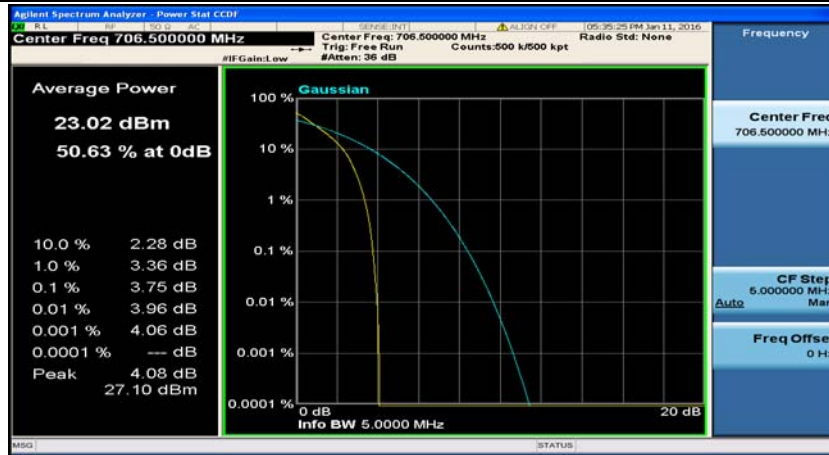
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



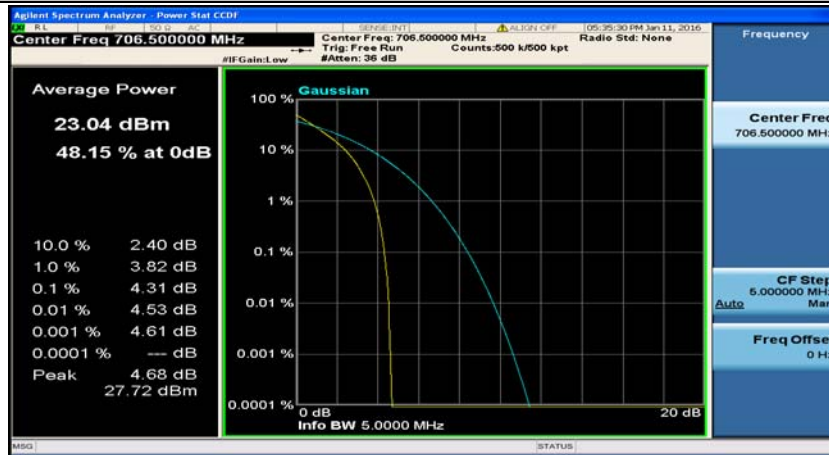
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



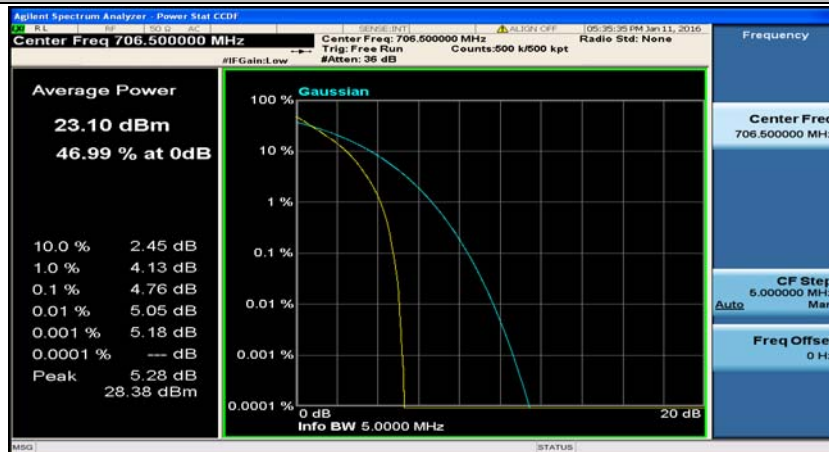
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



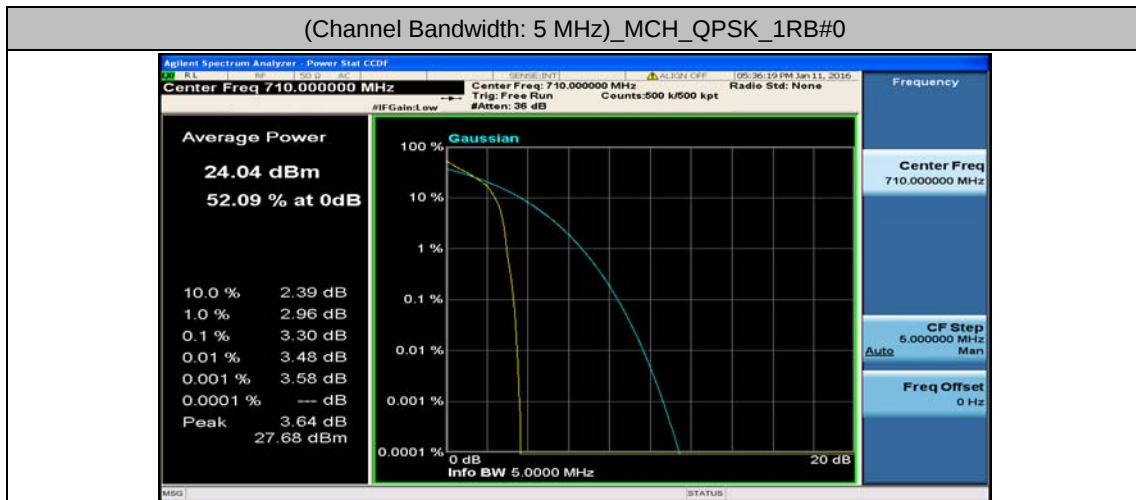
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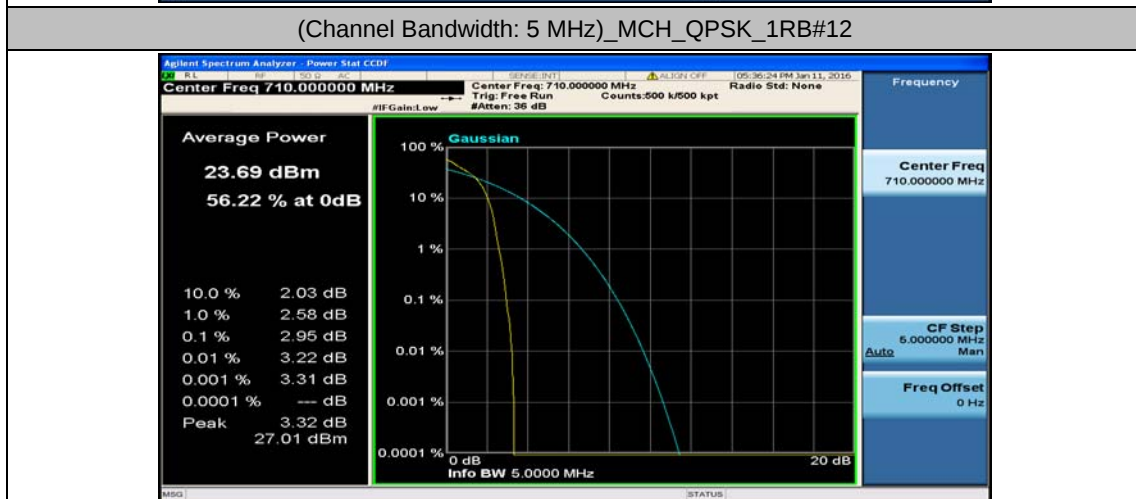
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



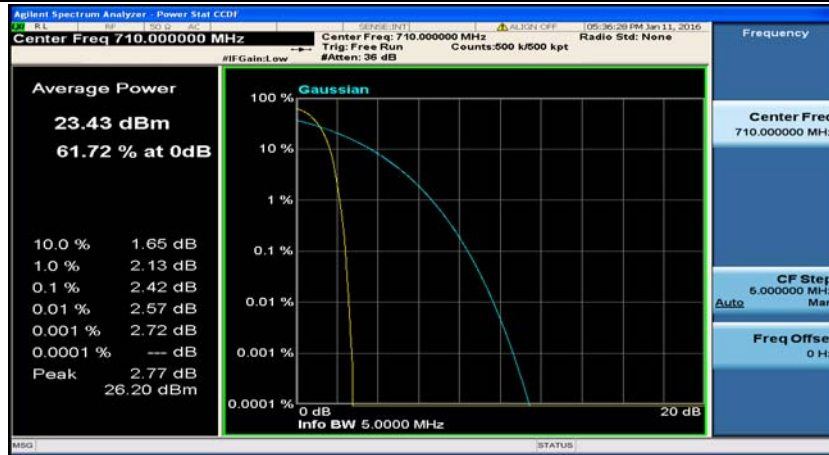
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



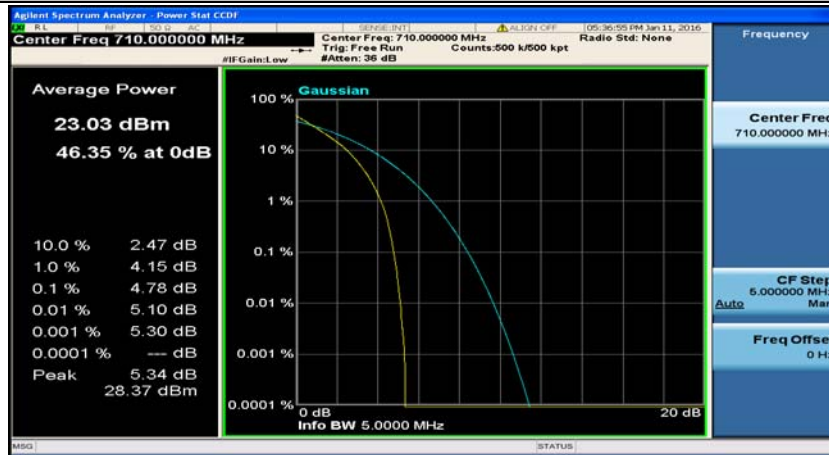
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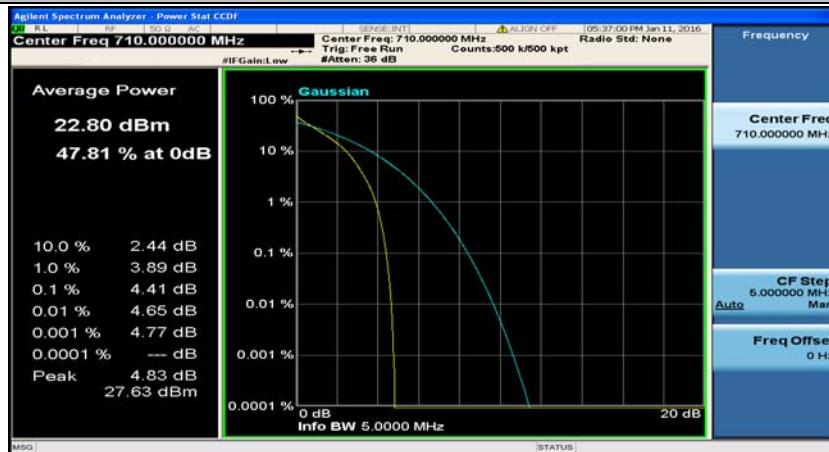
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



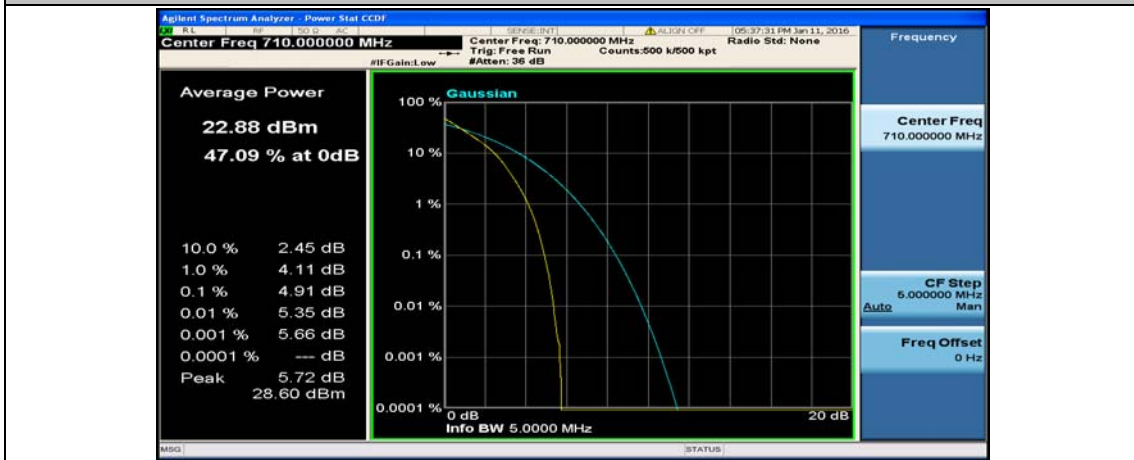
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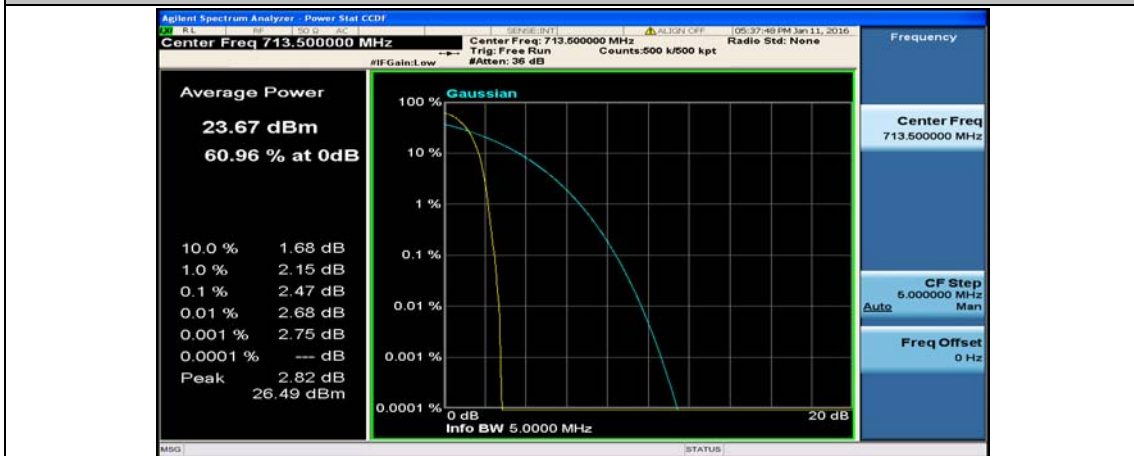
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



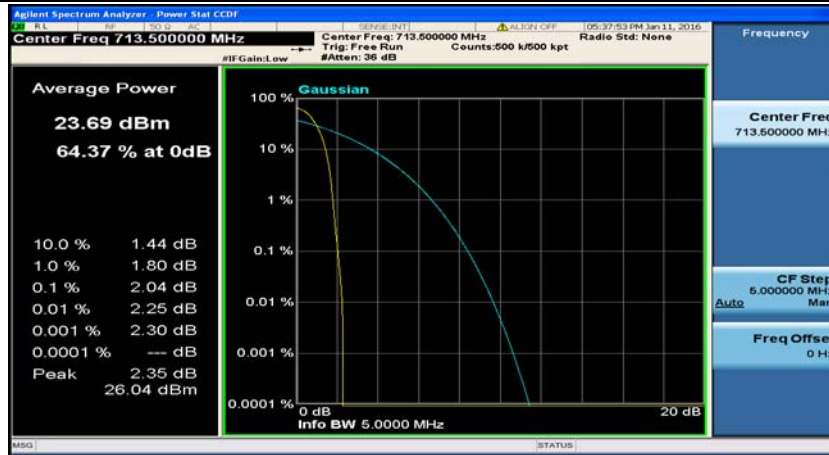
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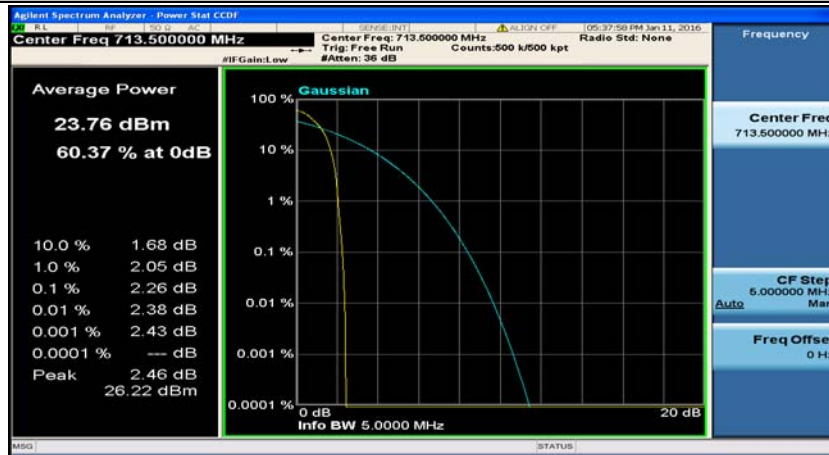
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



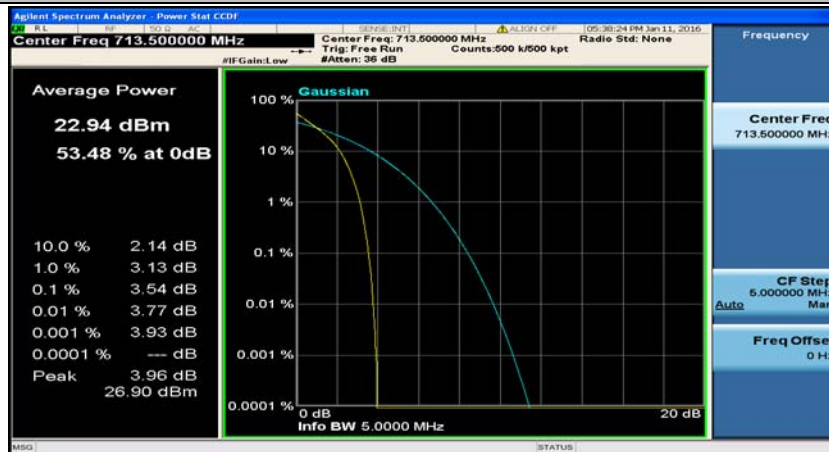
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



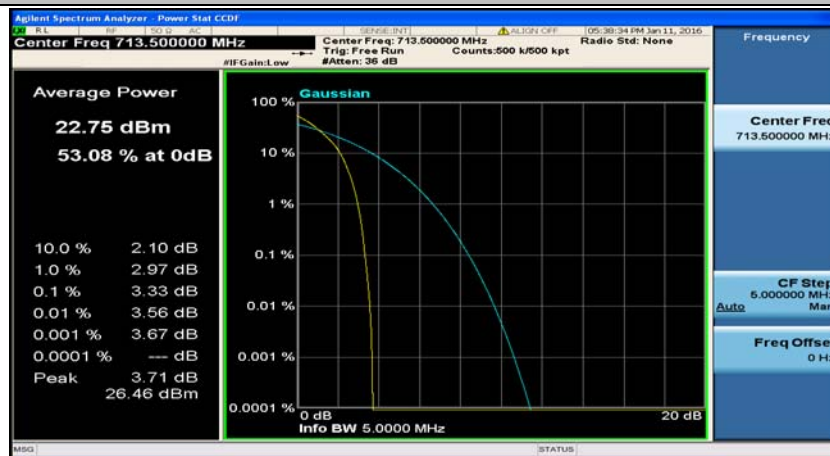
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



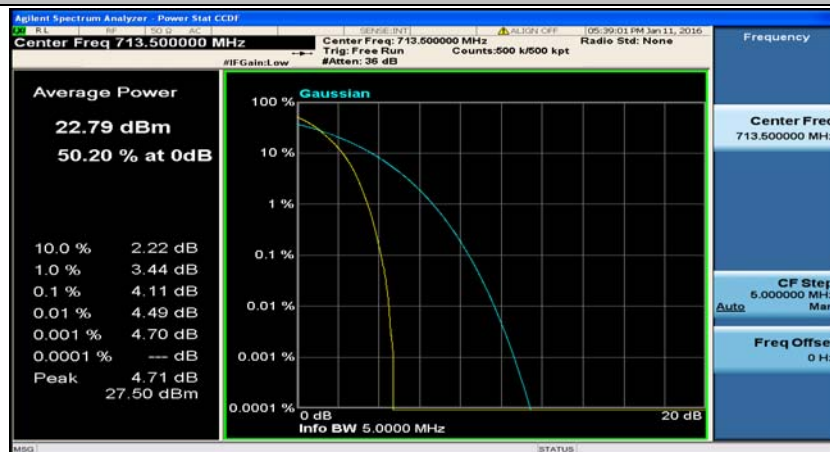
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



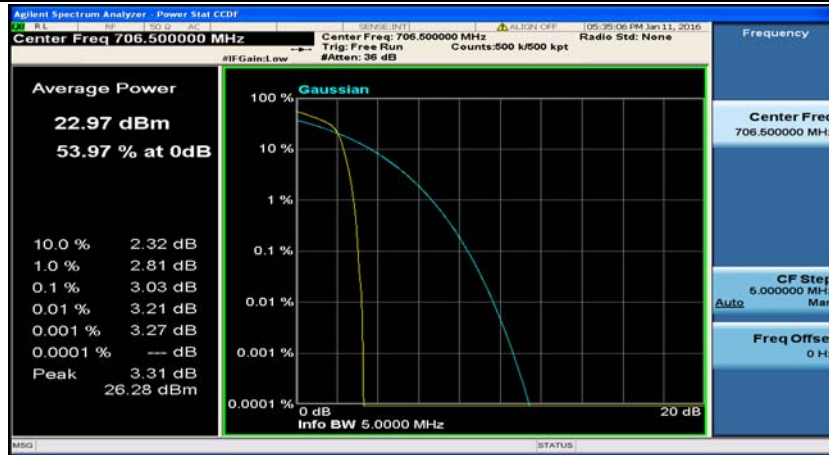
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



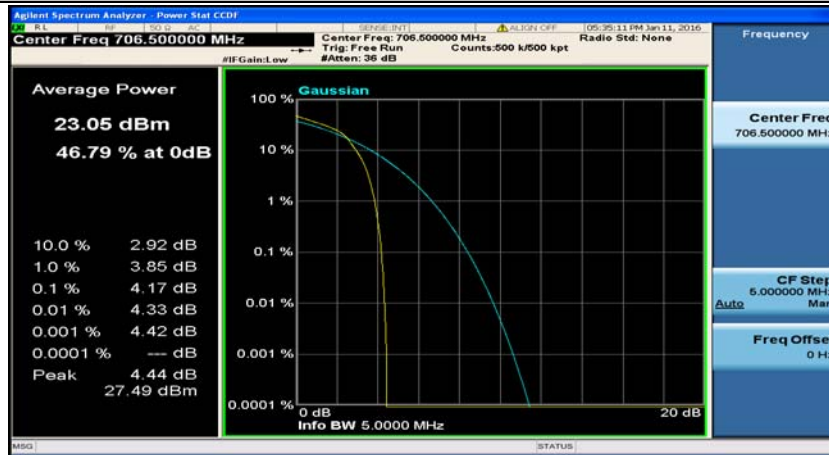
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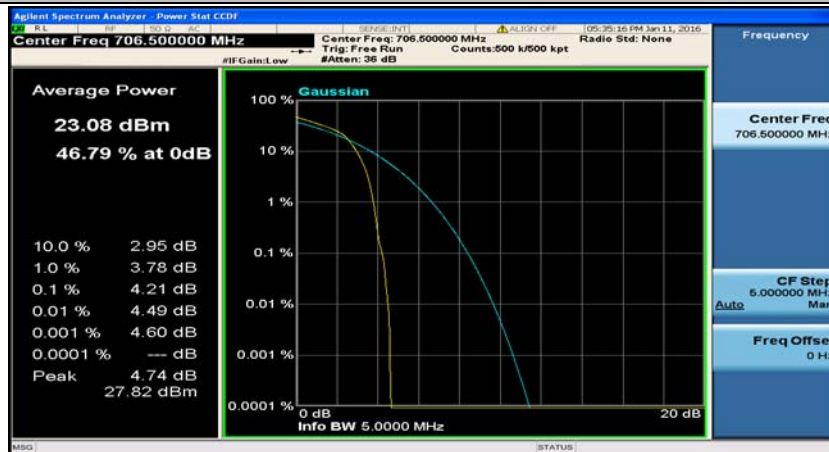
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(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



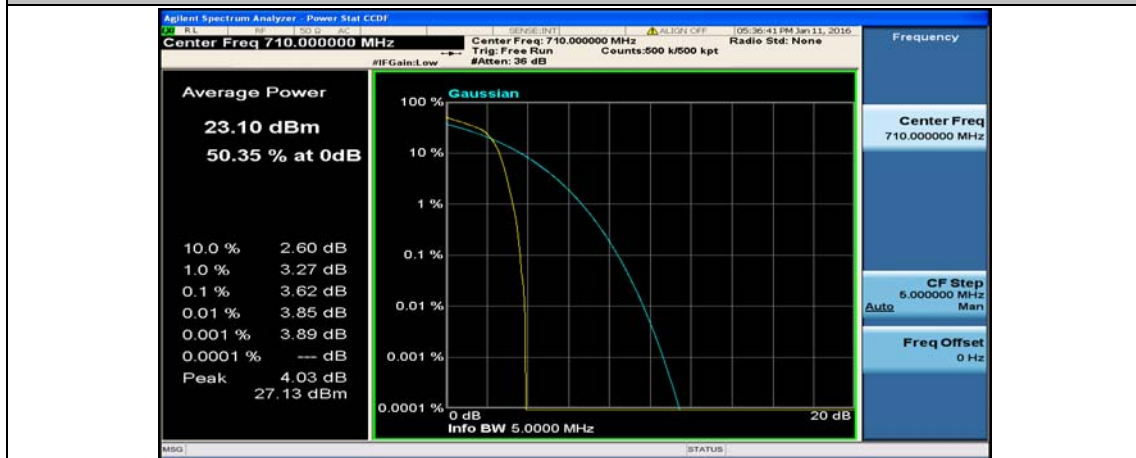
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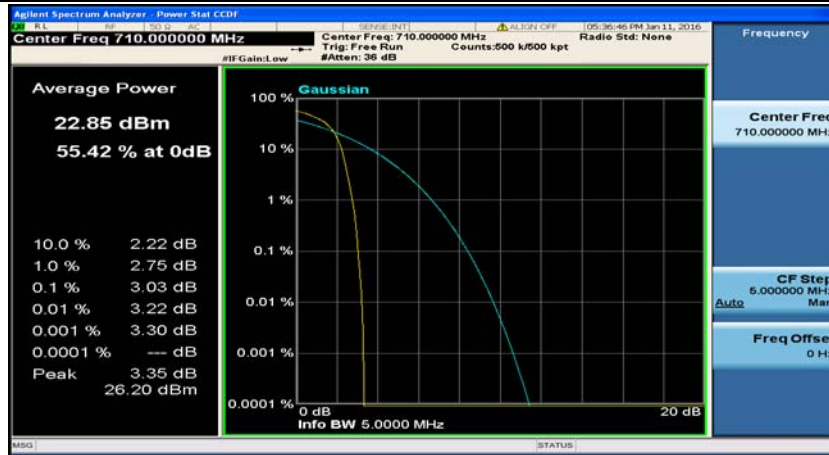
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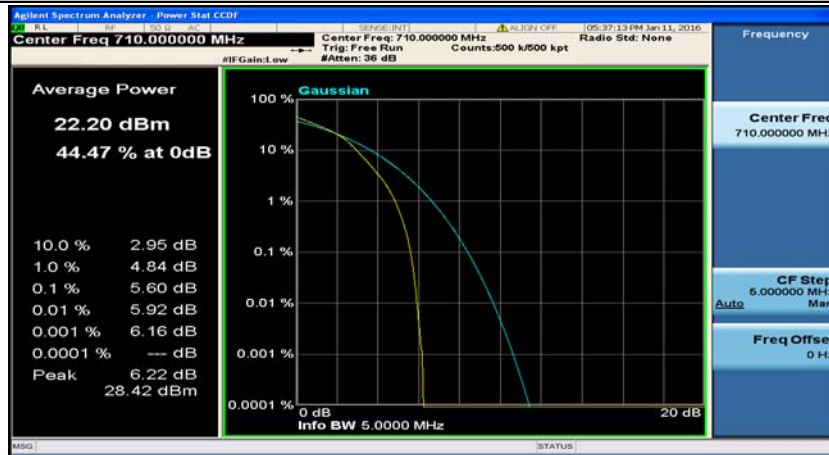
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



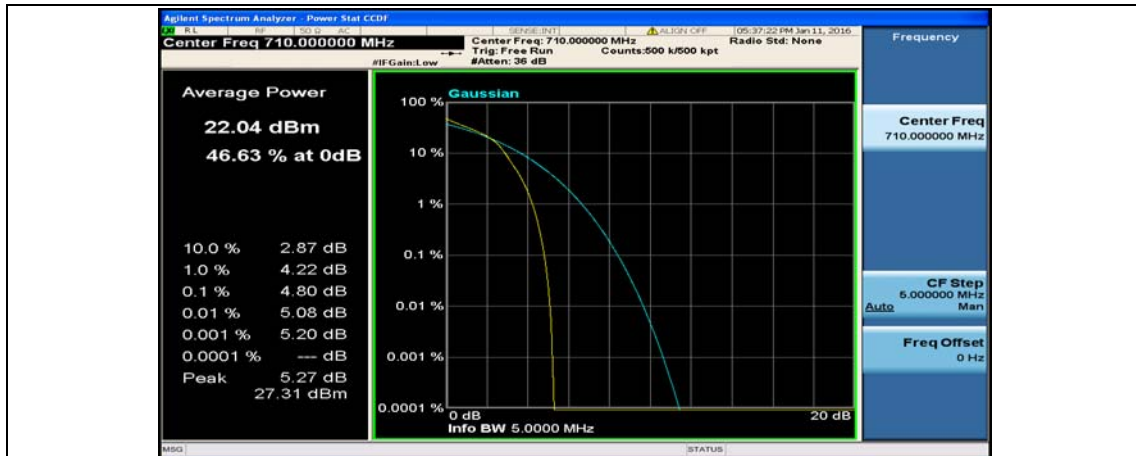
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



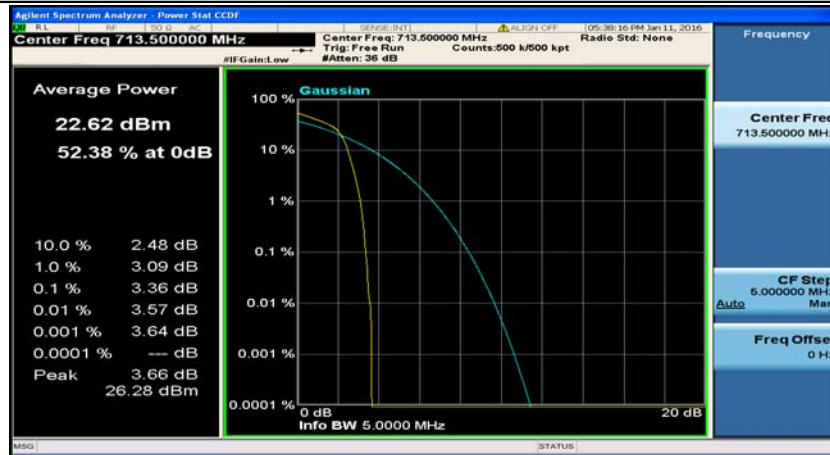
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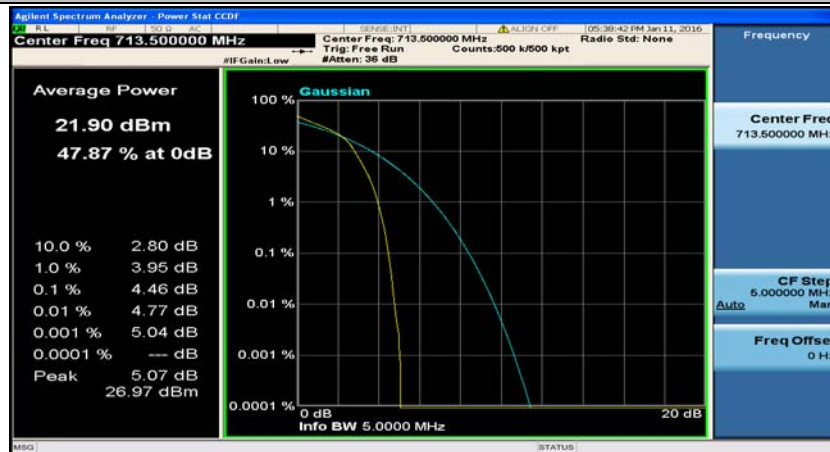
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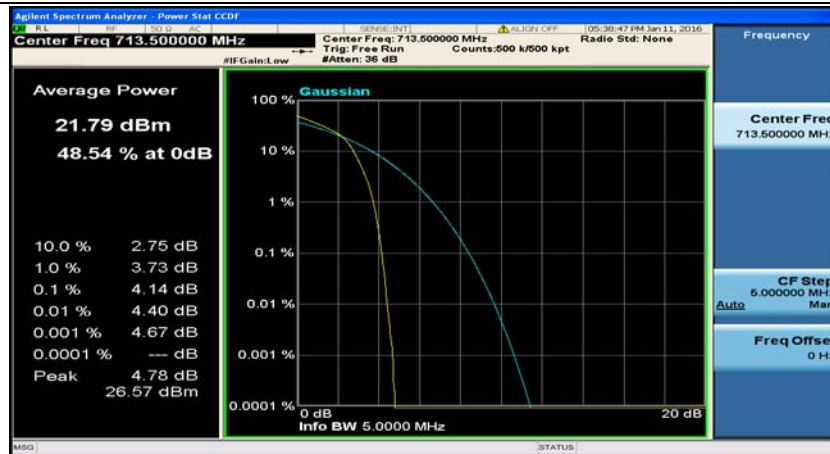
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

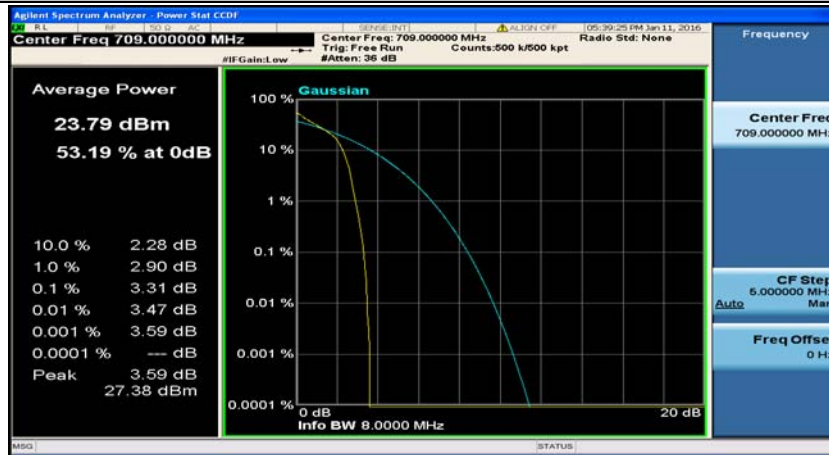
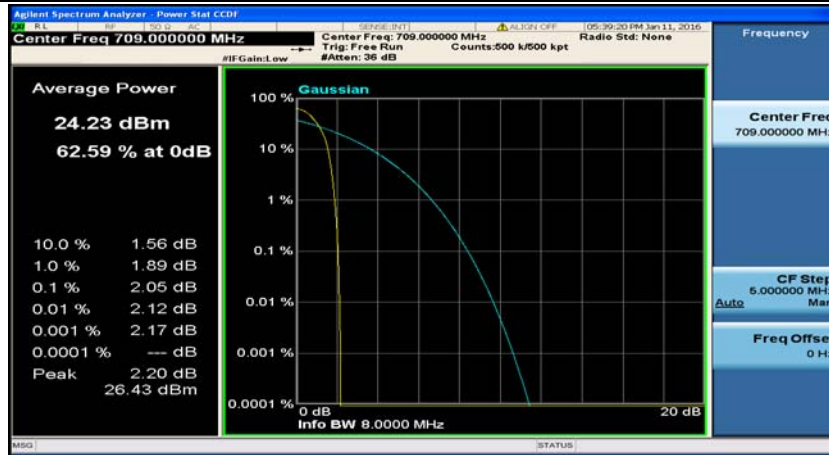


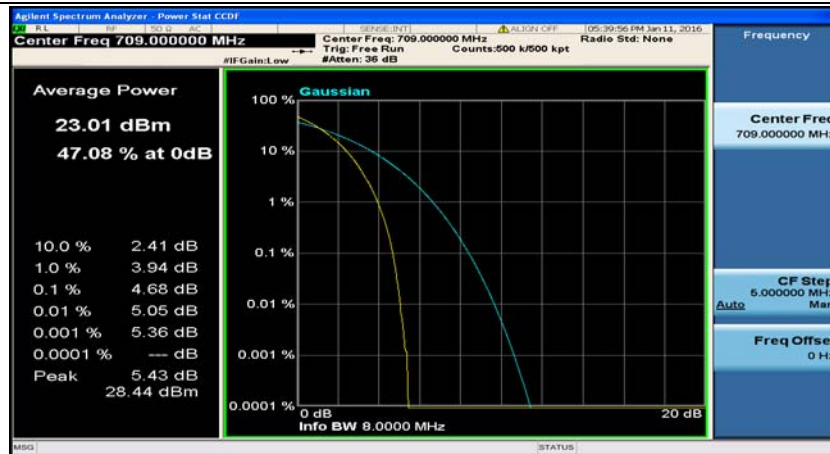
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

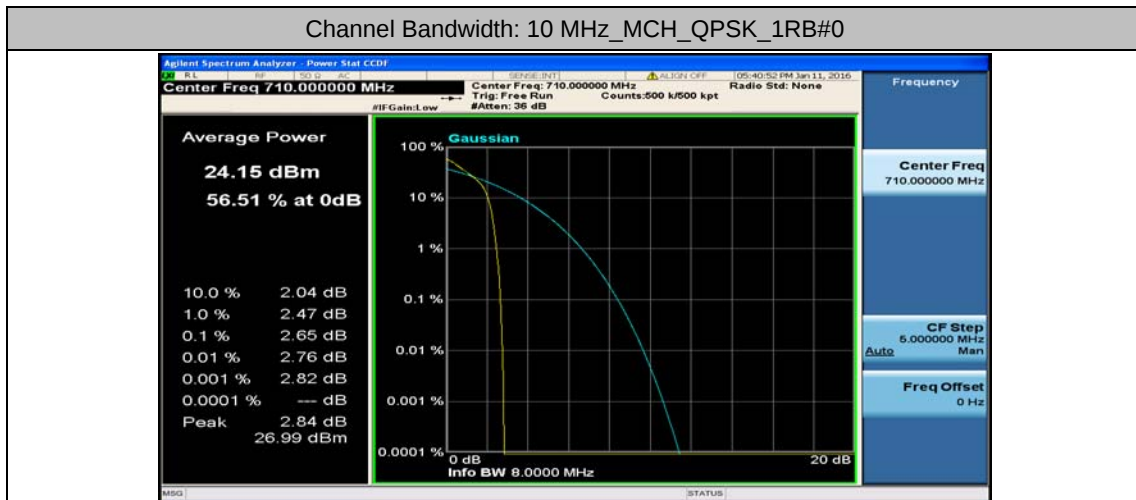
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



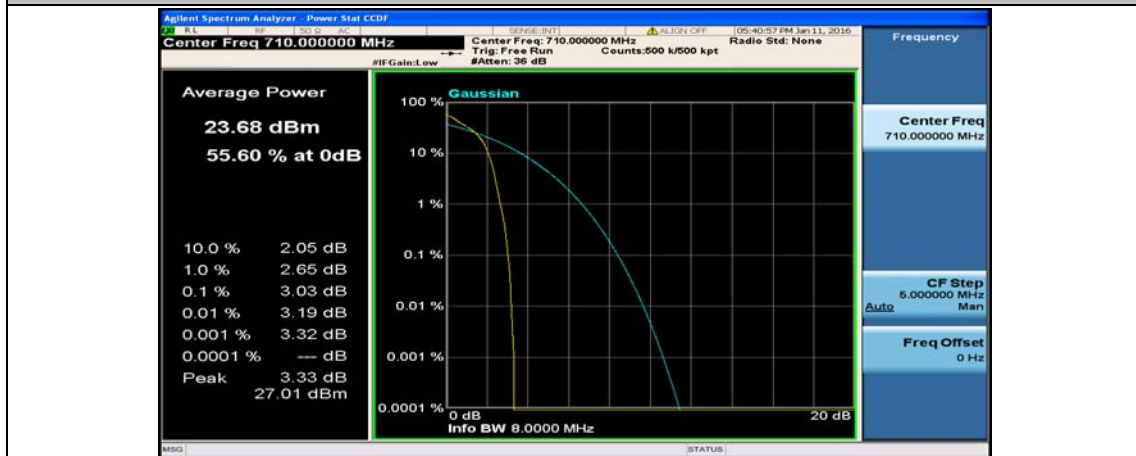




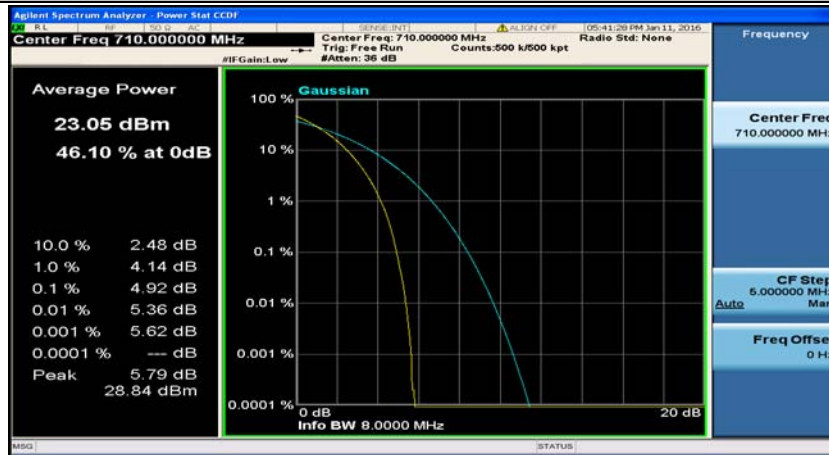
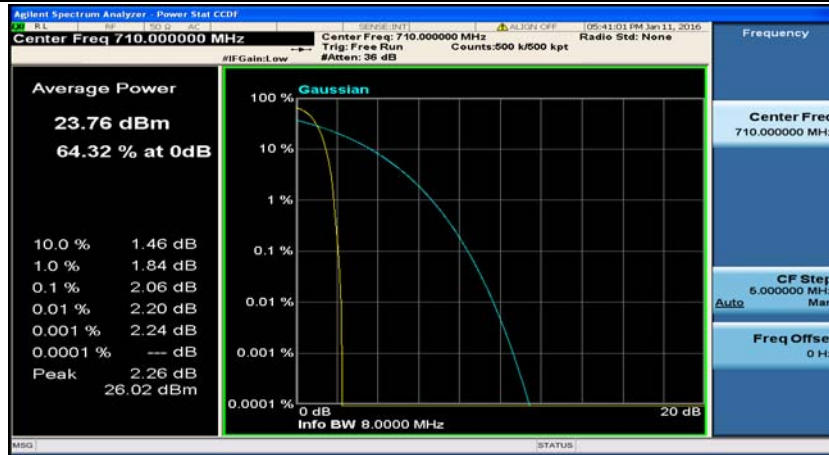
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

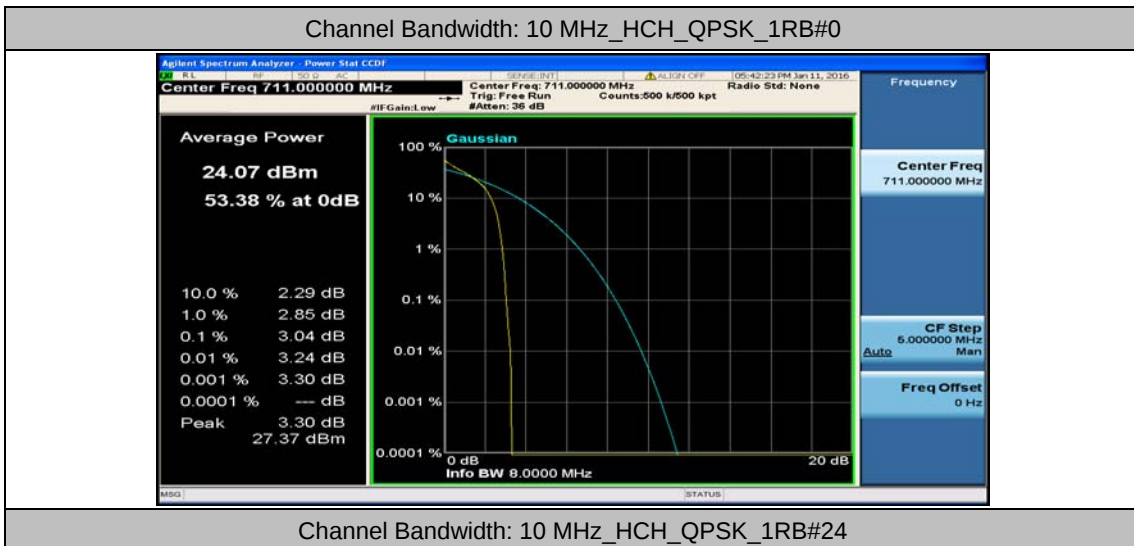
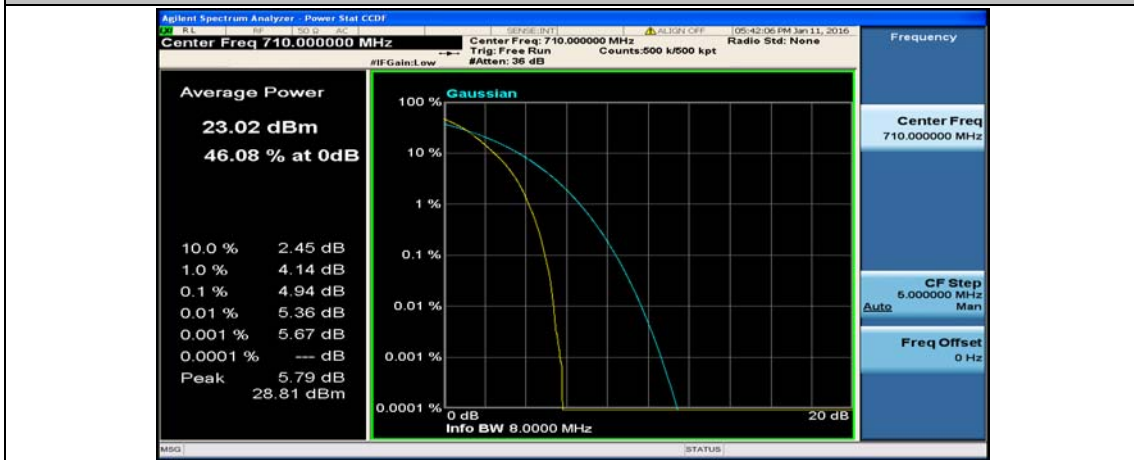


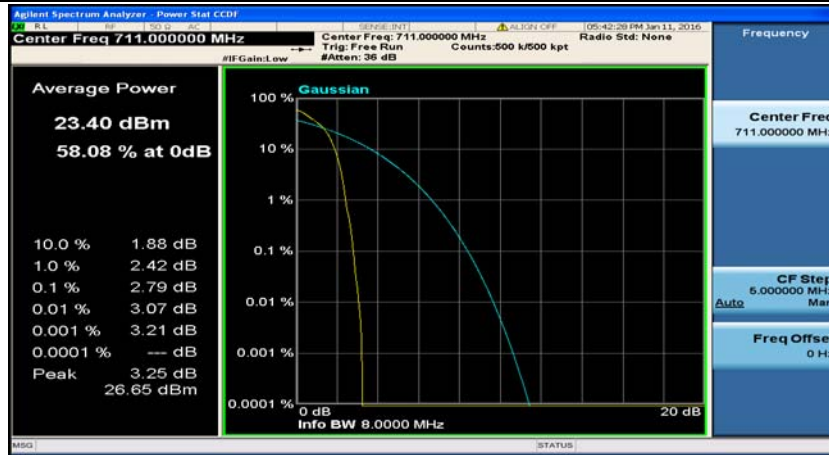
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



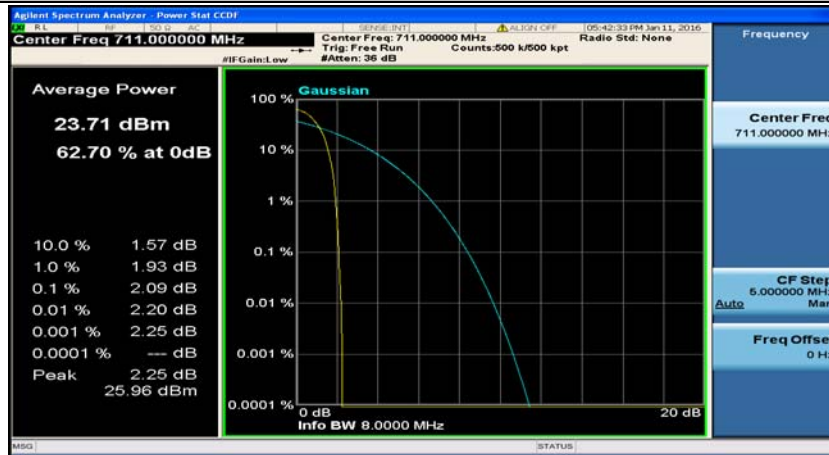
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49







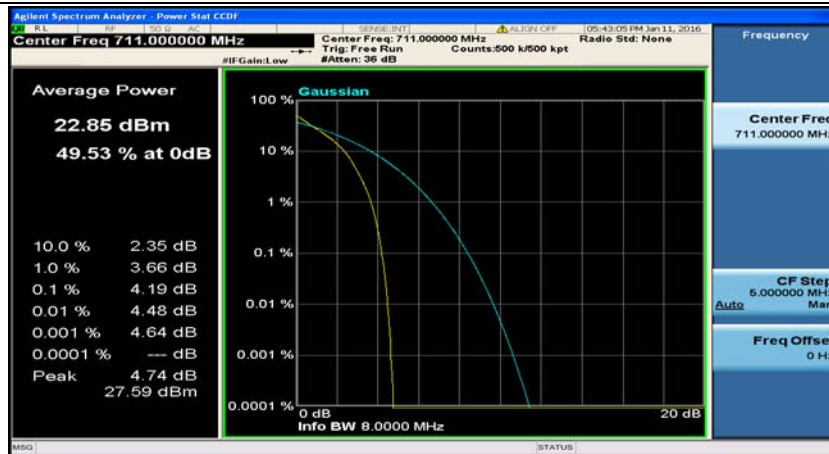
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



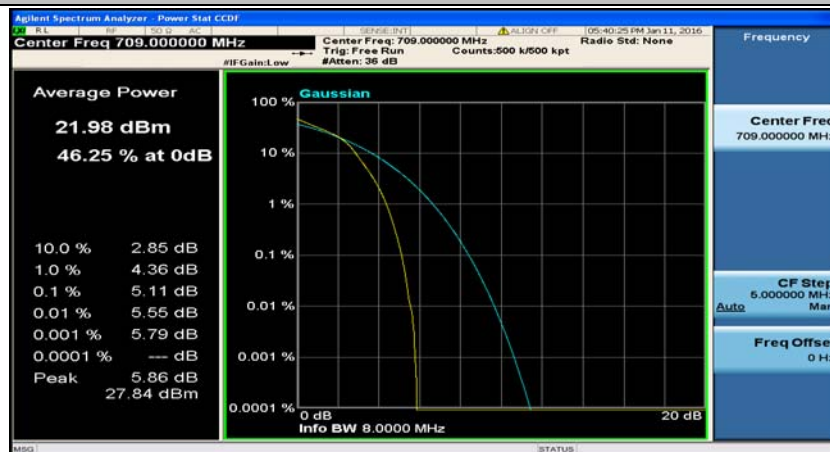
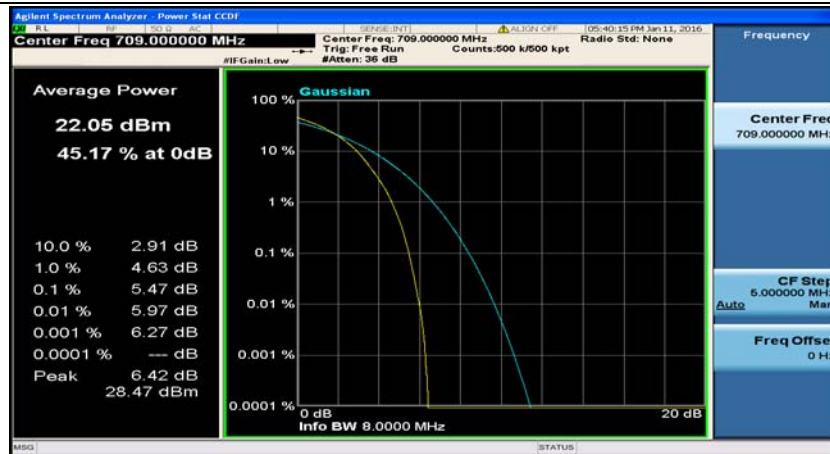
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

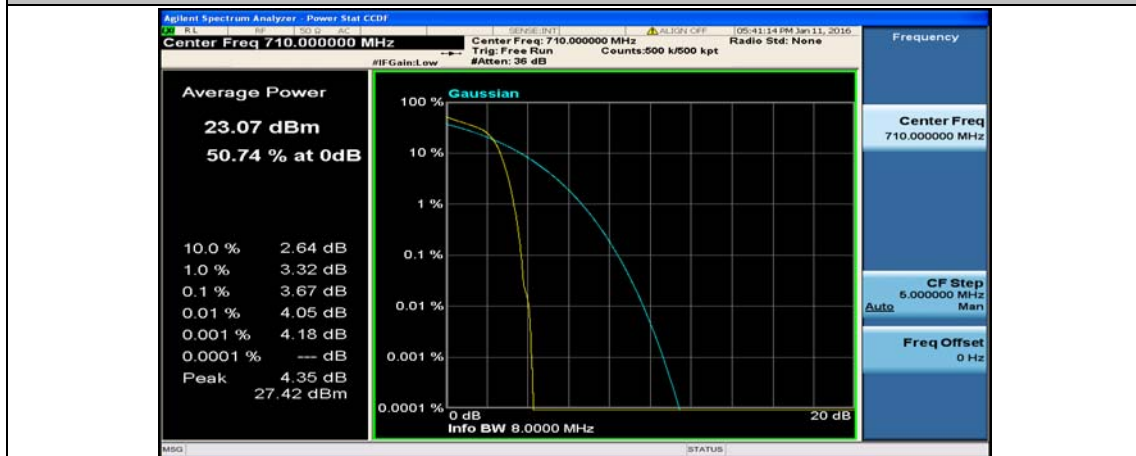




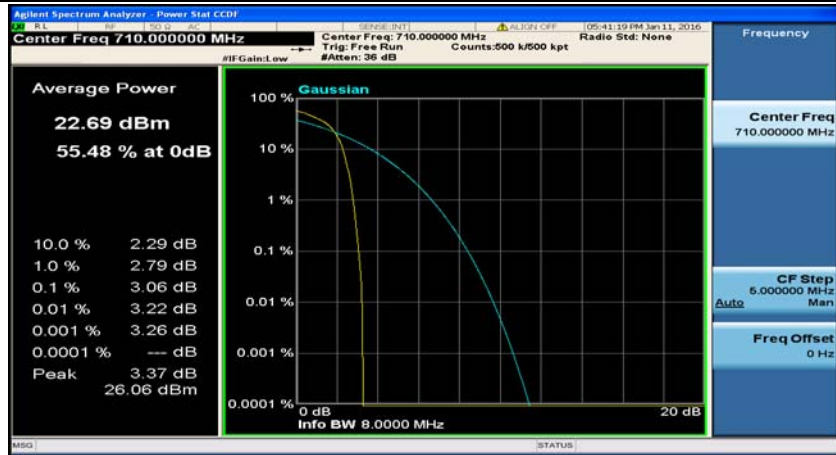
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

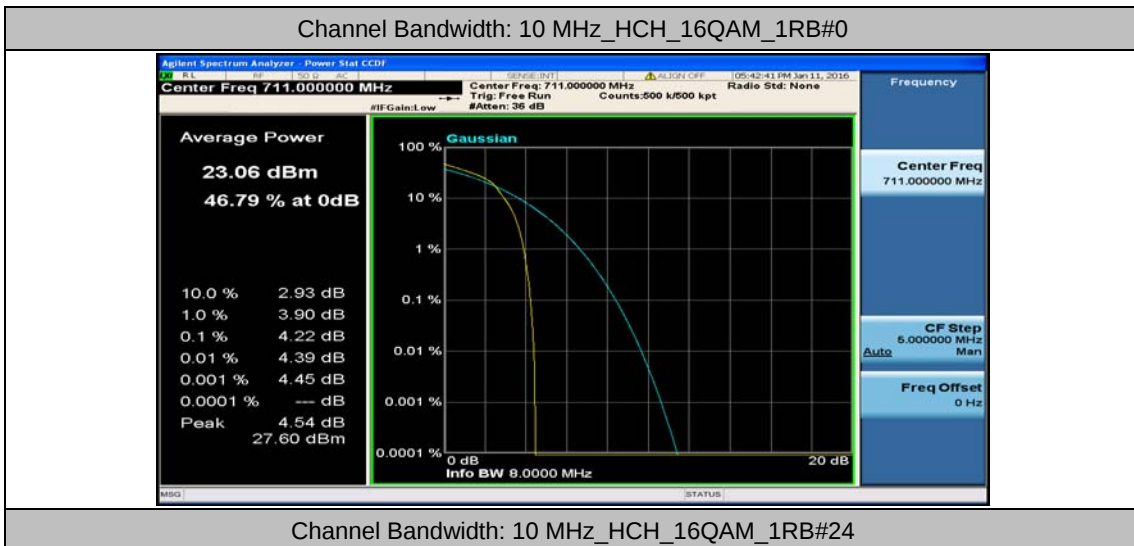


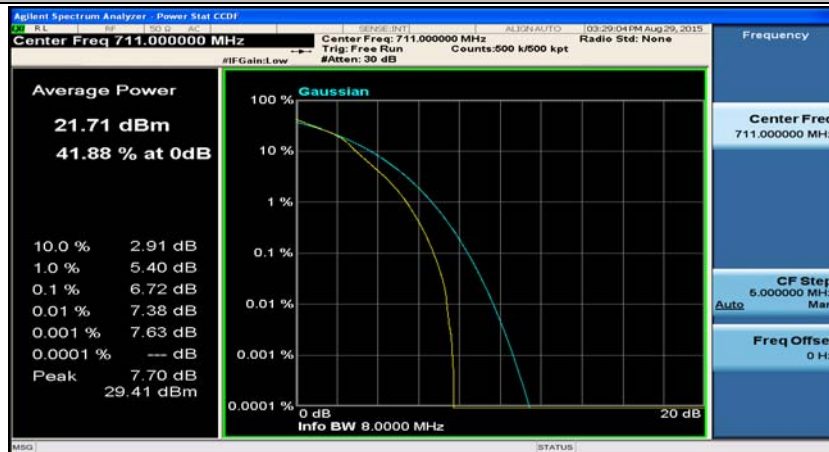
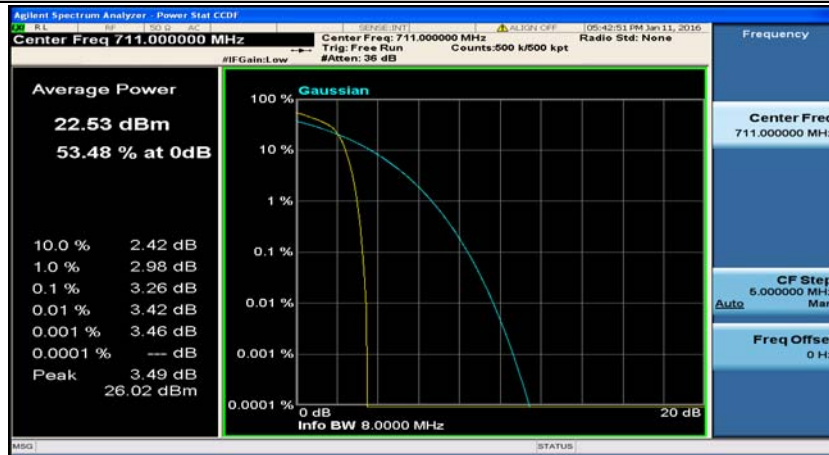
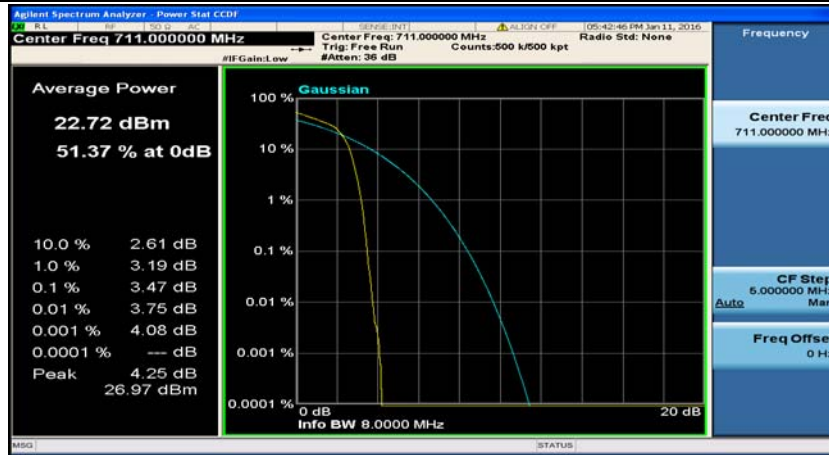
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

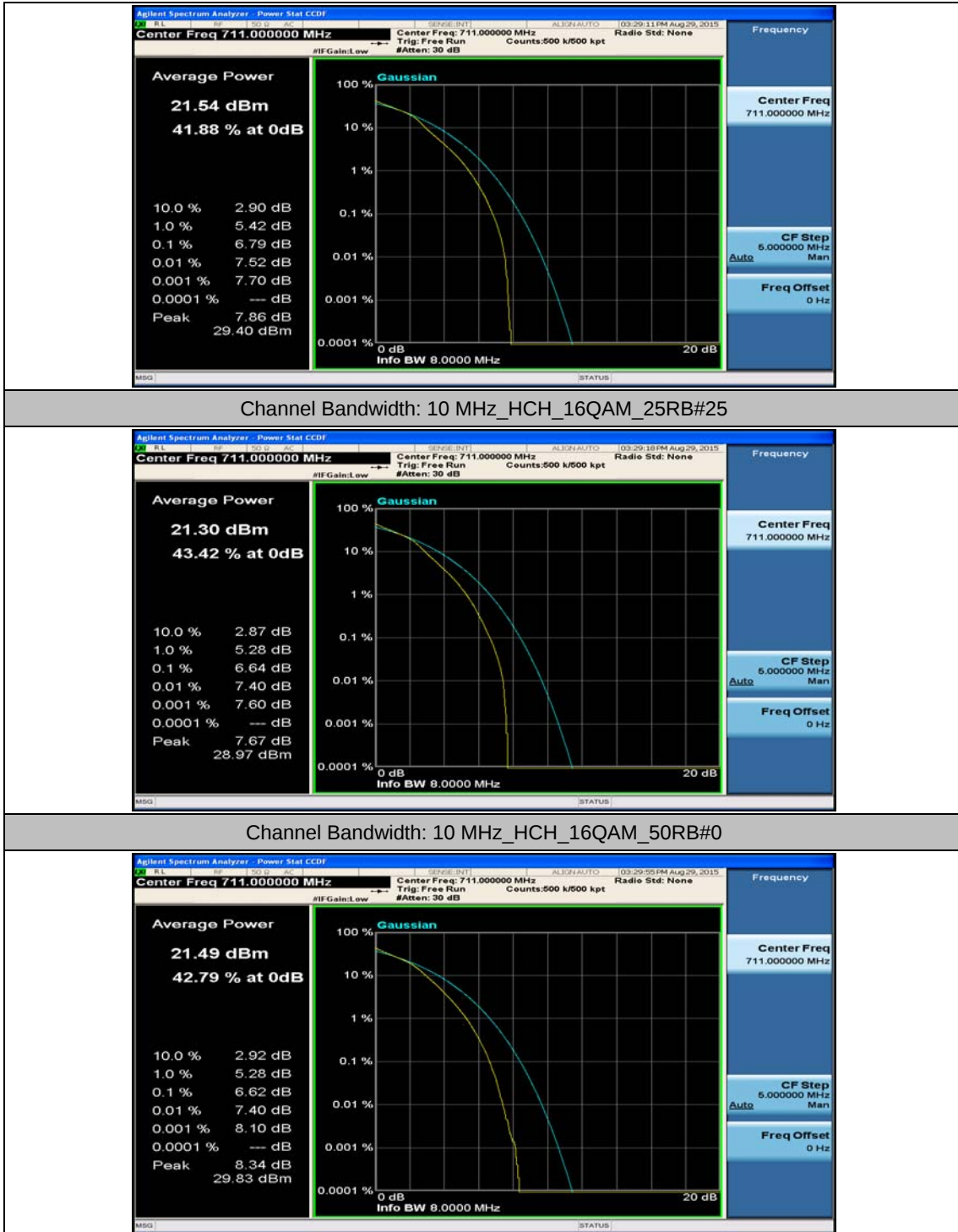


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4743	4.800	PASS
	MCH	25	0	4.4895	4.863	PASS
	HCH	25	0	4.4975	5.463	PASS
16QAM	LCH	25	0	4.4735	4.792	PASS
	MCH	25	0	4.4985	4.854	PASS
	HCH	25	0	4.4880	5.144	PASS

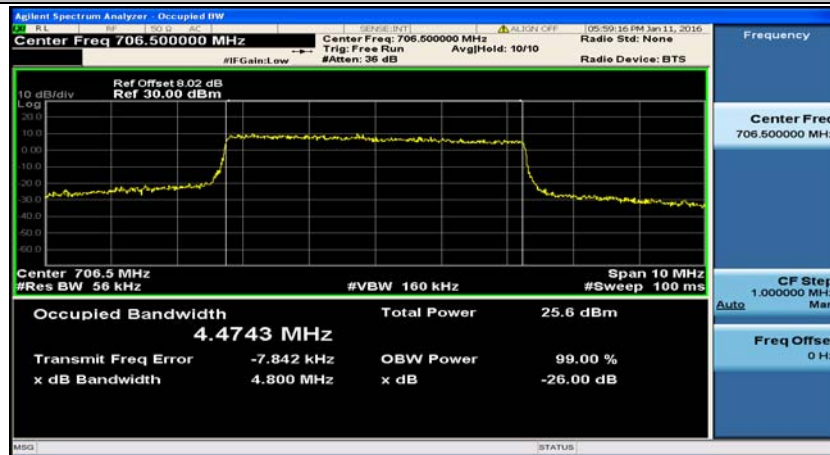
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9719	9.558	PASS
	MCH	50	0	9.0039	9.525	PASS
	HCH	50	0	8.9949	9.748	PASS
16QAM	LCH	50	0	8.9633	9.428	PASS
	MCH	50	0	8.9872	9.547	PASS
	HCH	50	0	9.0017	9.490	PASS

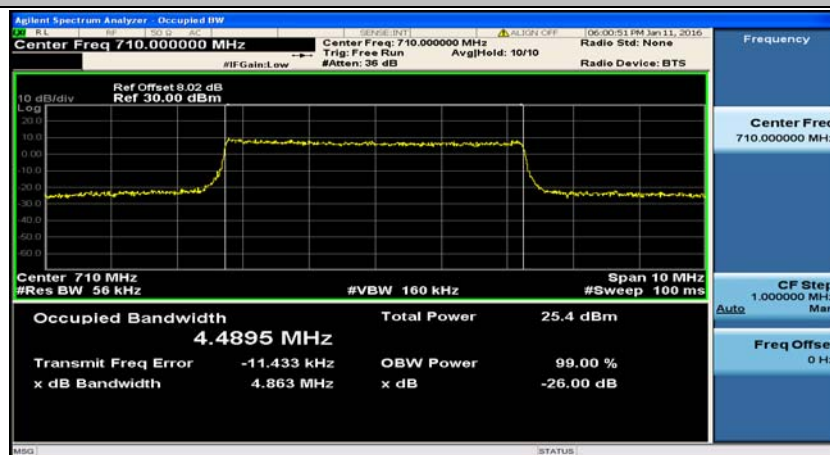
Test Graphs

Channel Bandwidth: 5 MHz

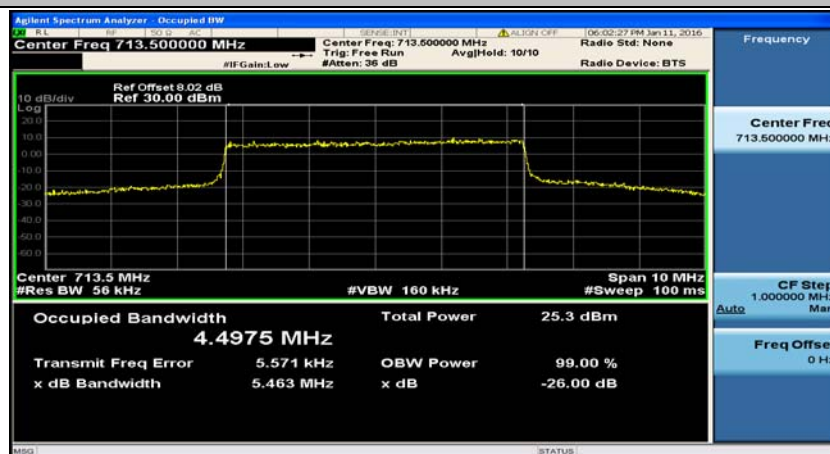
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



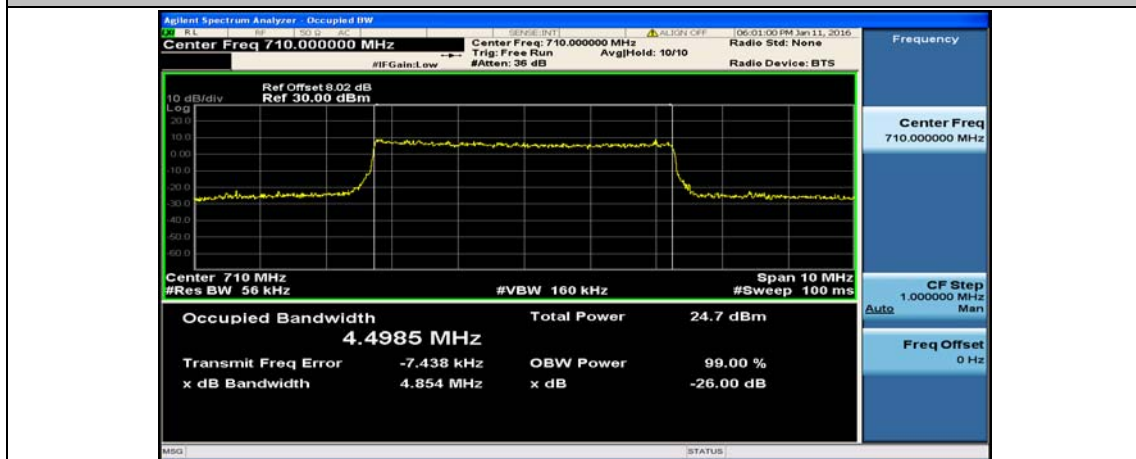
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



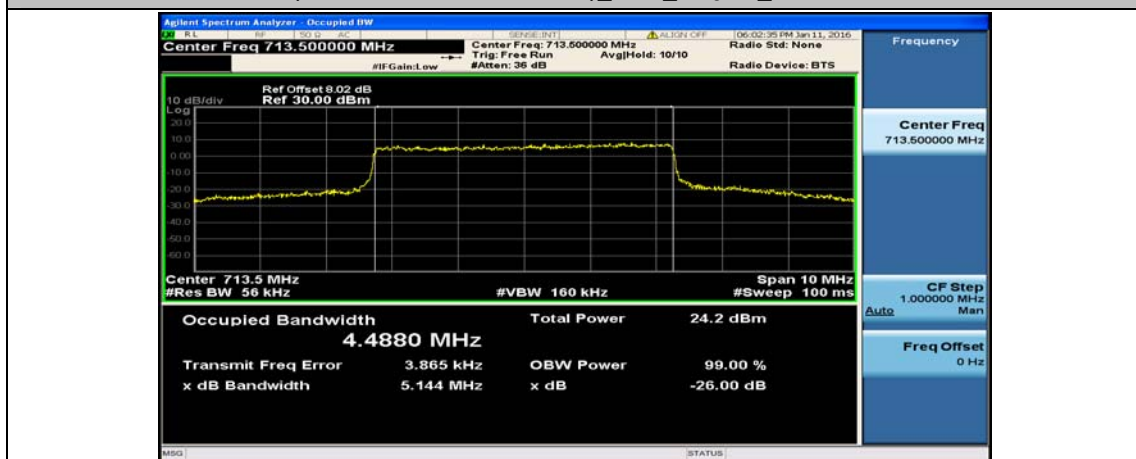
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

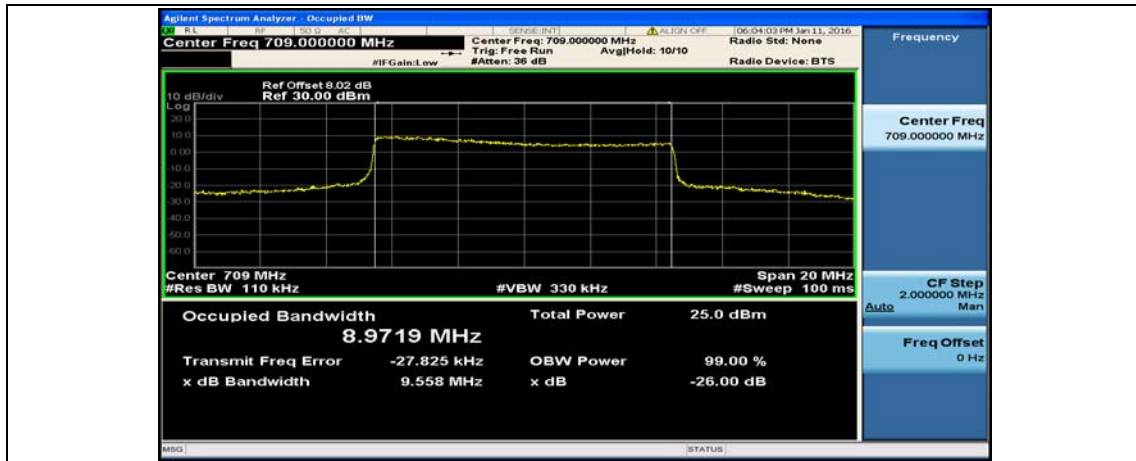


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

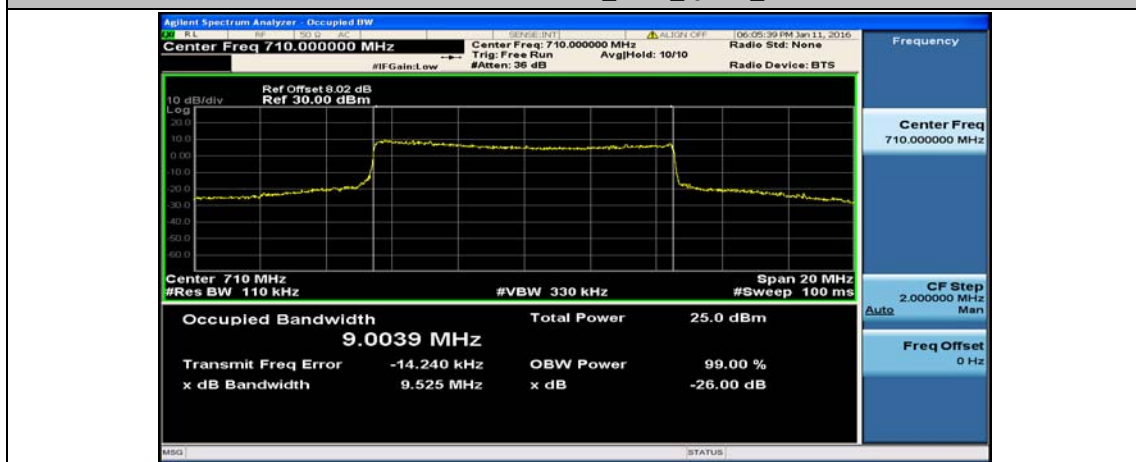


Channel Bandwidth: 10 MHz

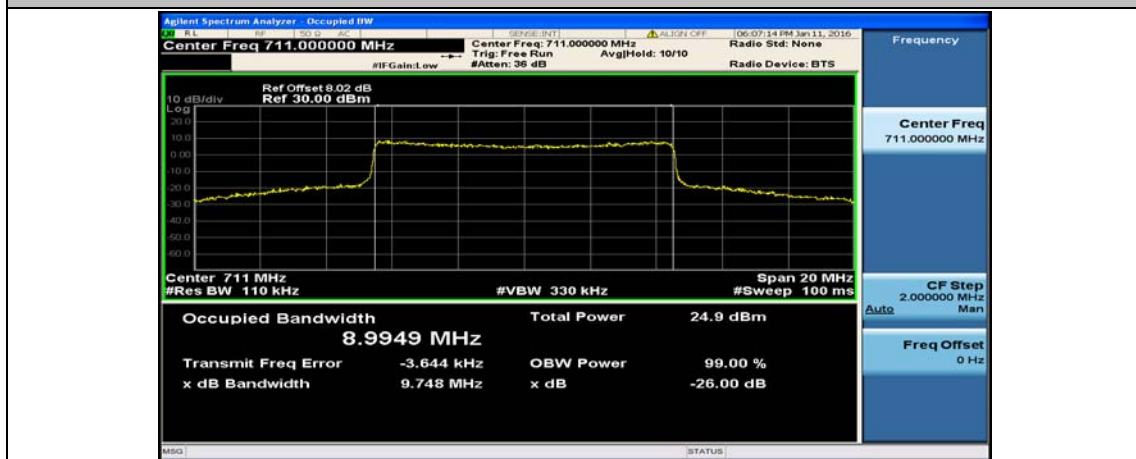
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



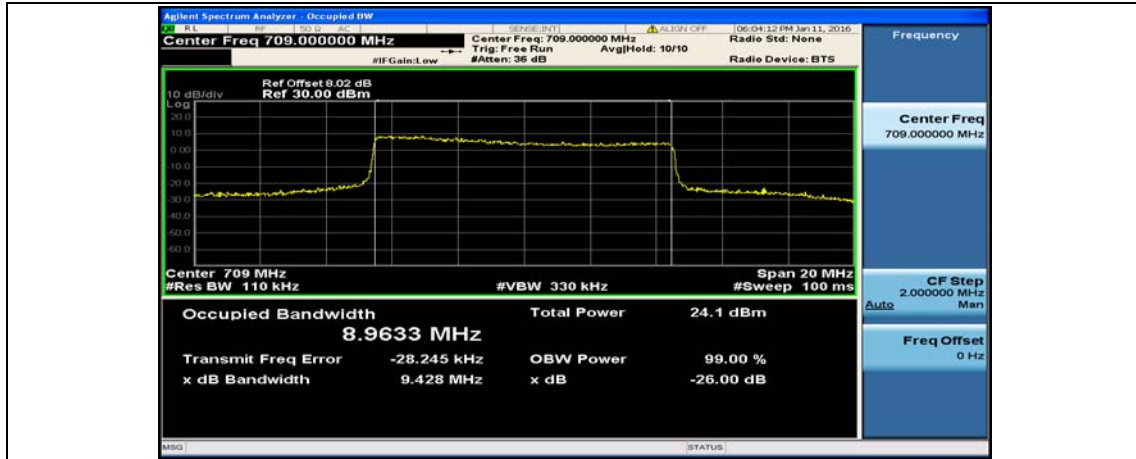
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



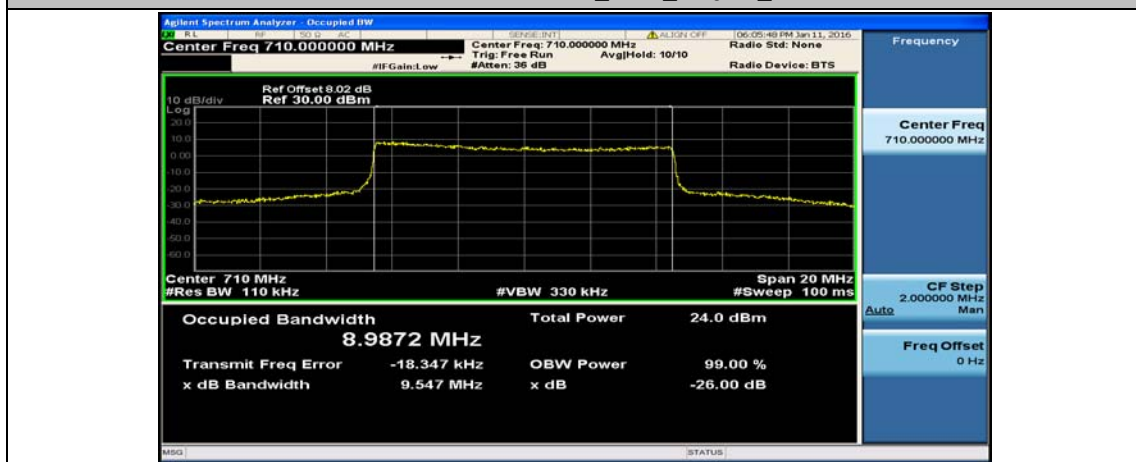
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



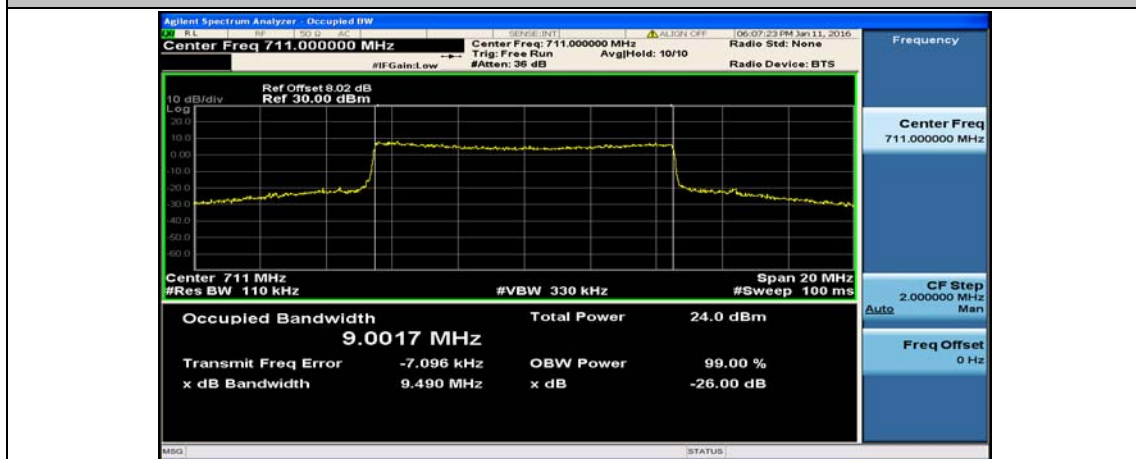
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

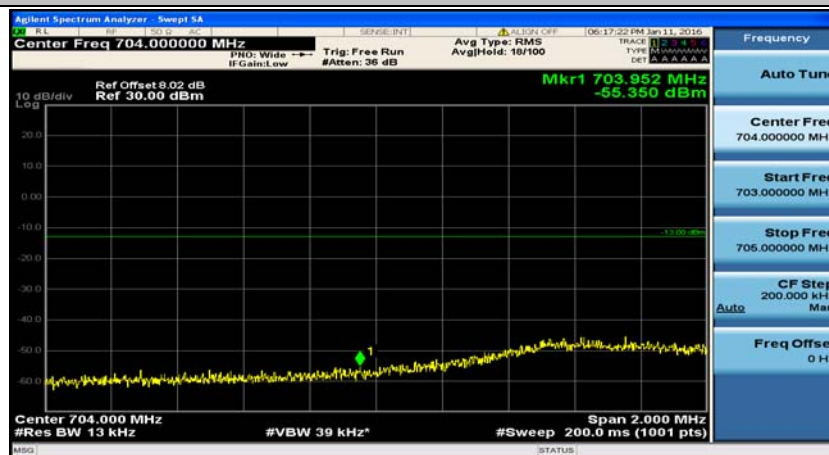
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



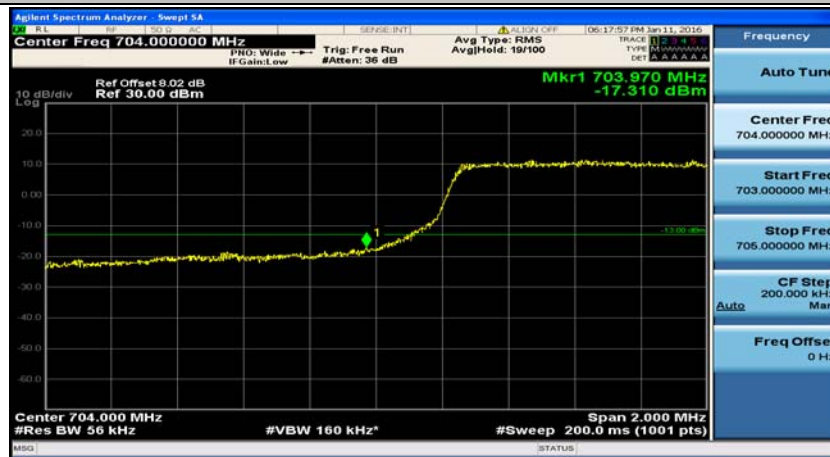
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



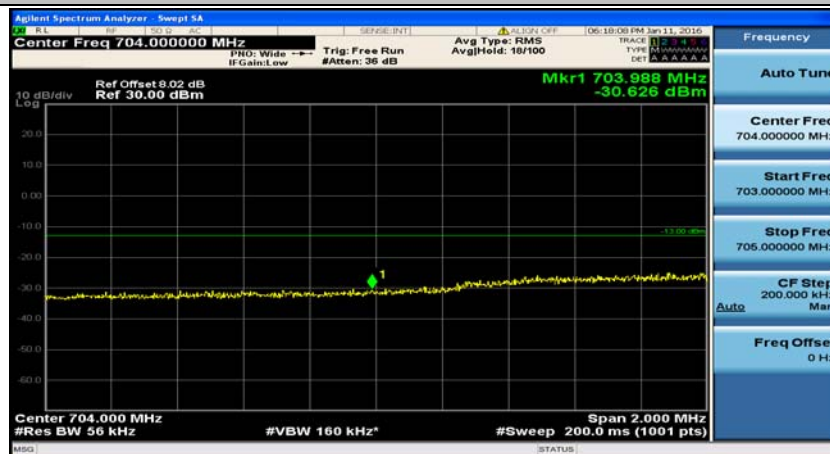
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



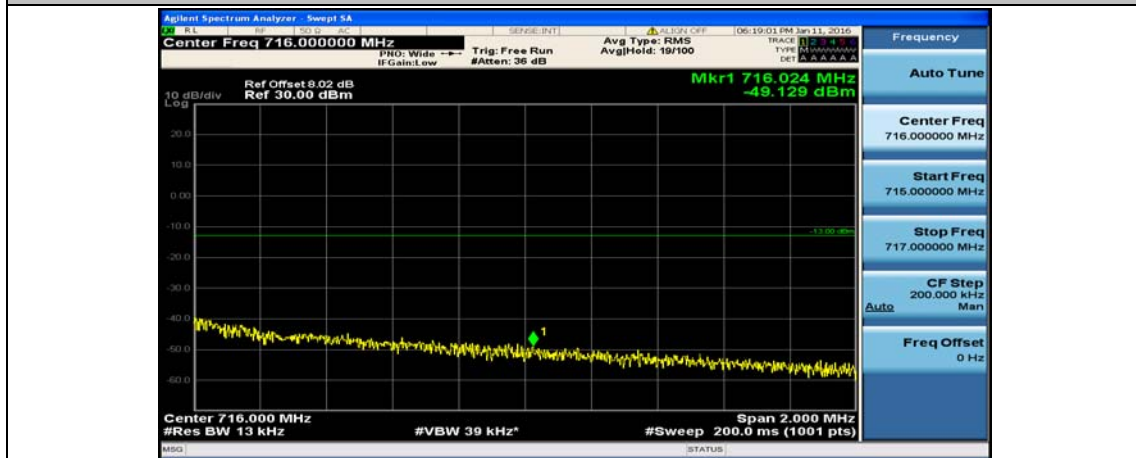
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



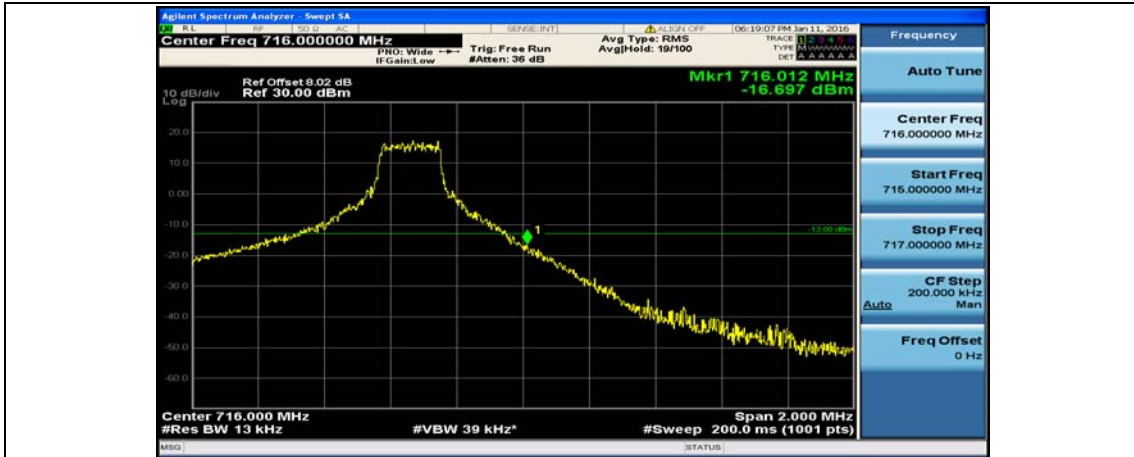
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



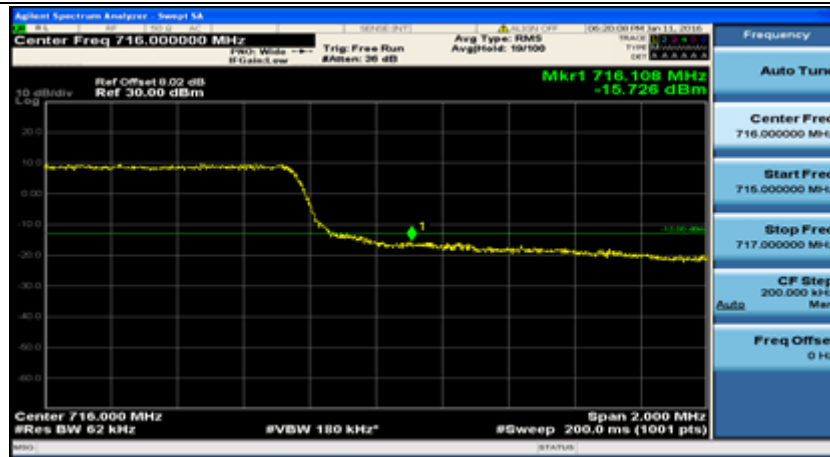
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



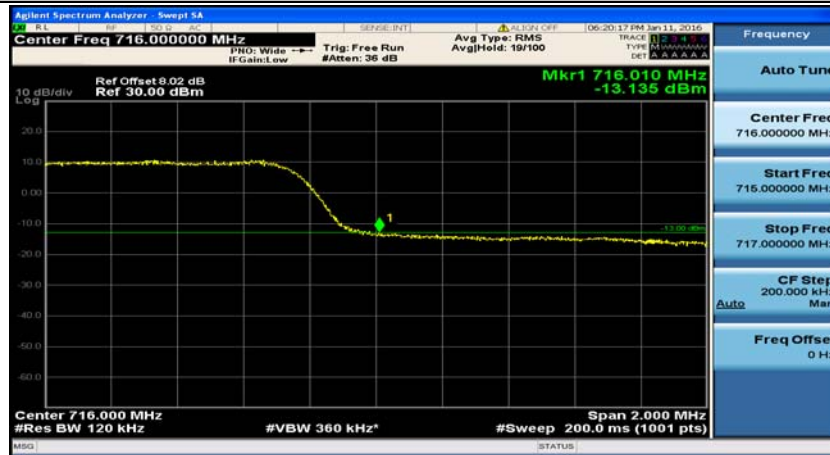
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



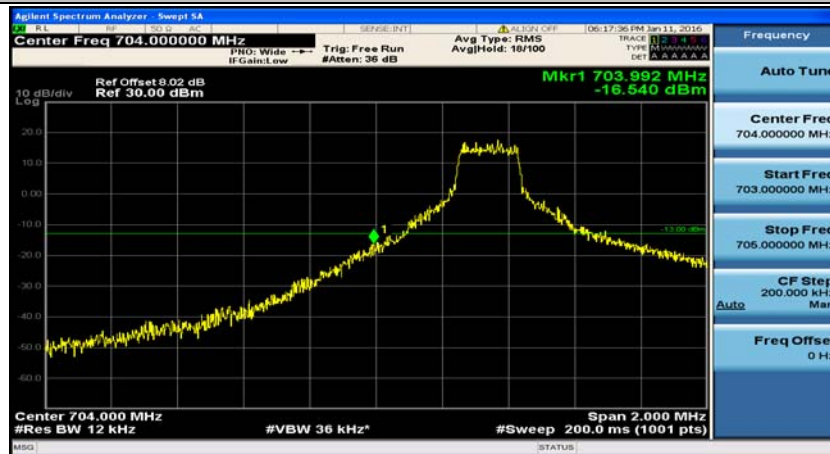
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



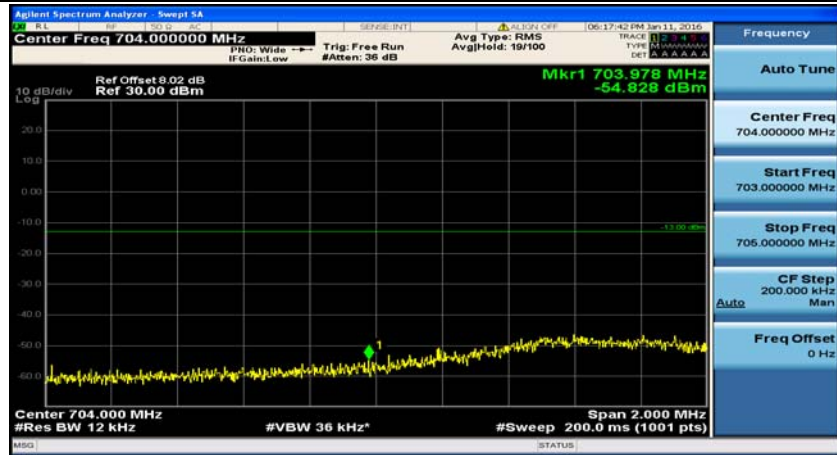
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



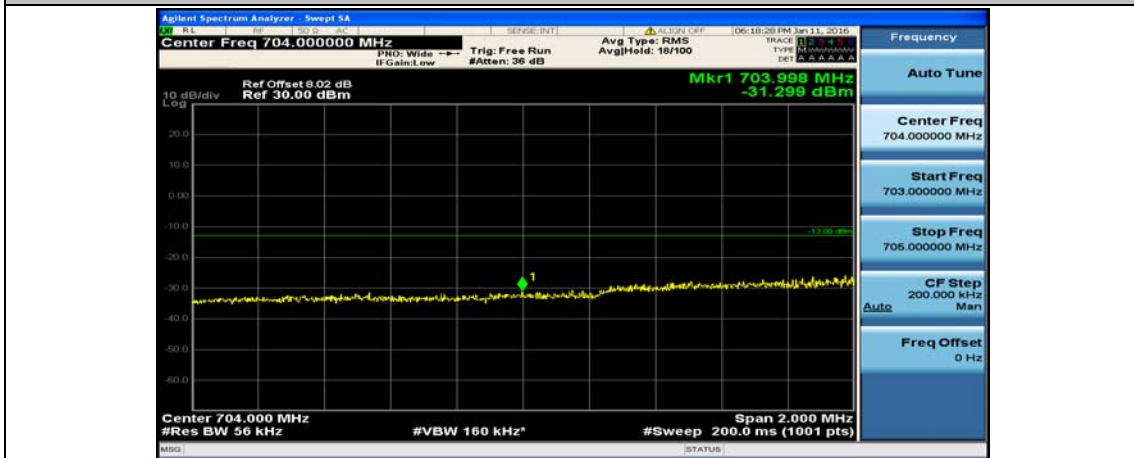
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



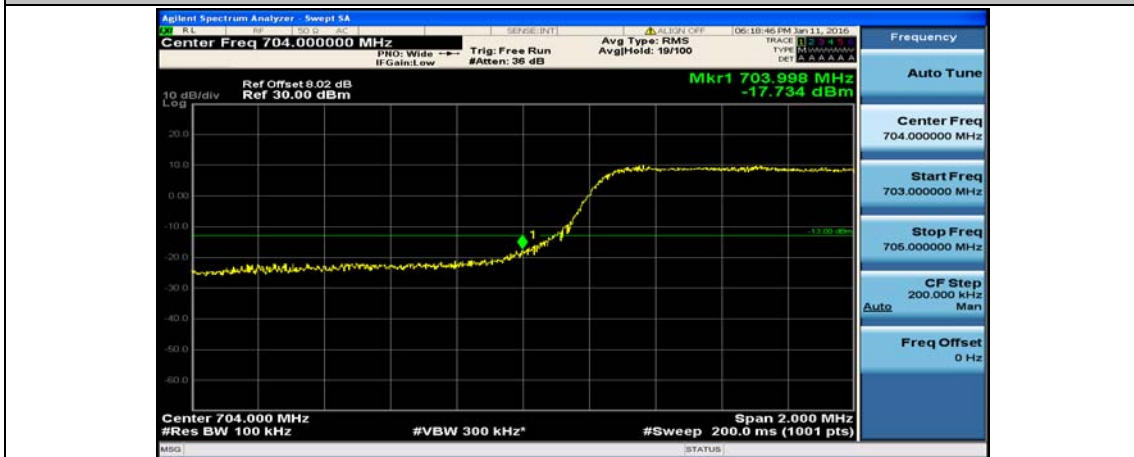
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



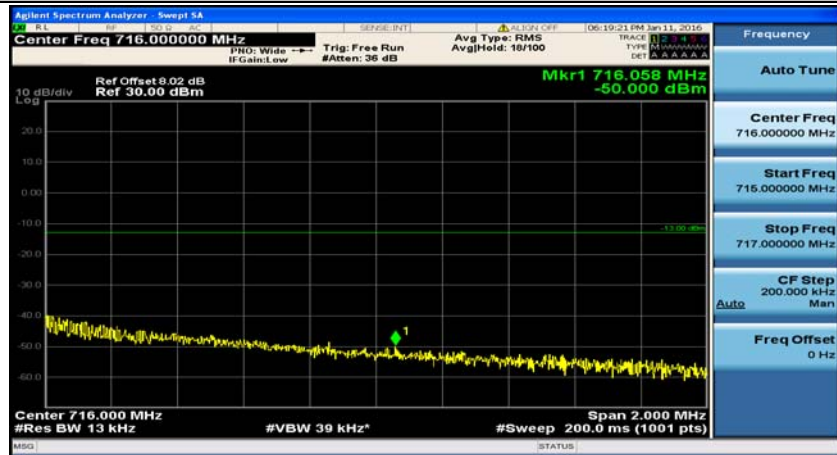
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



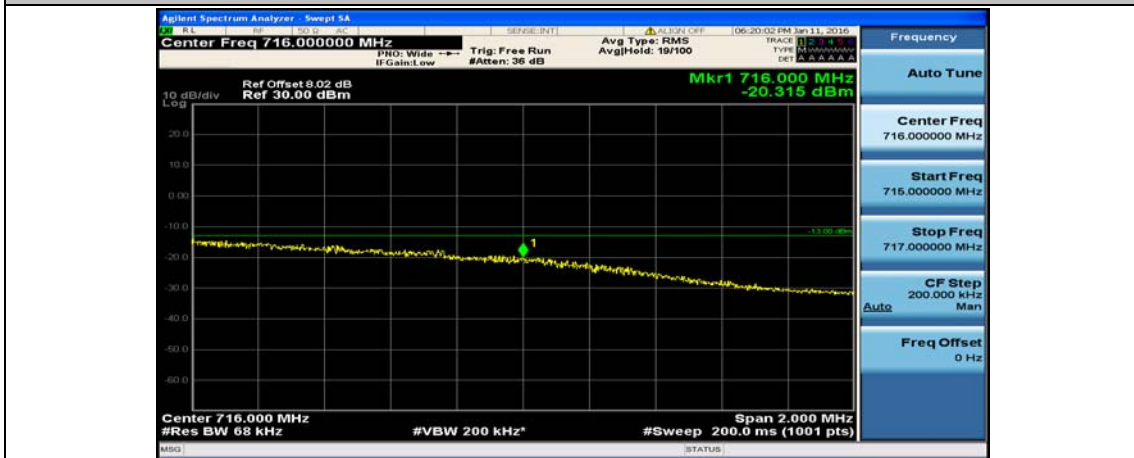
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



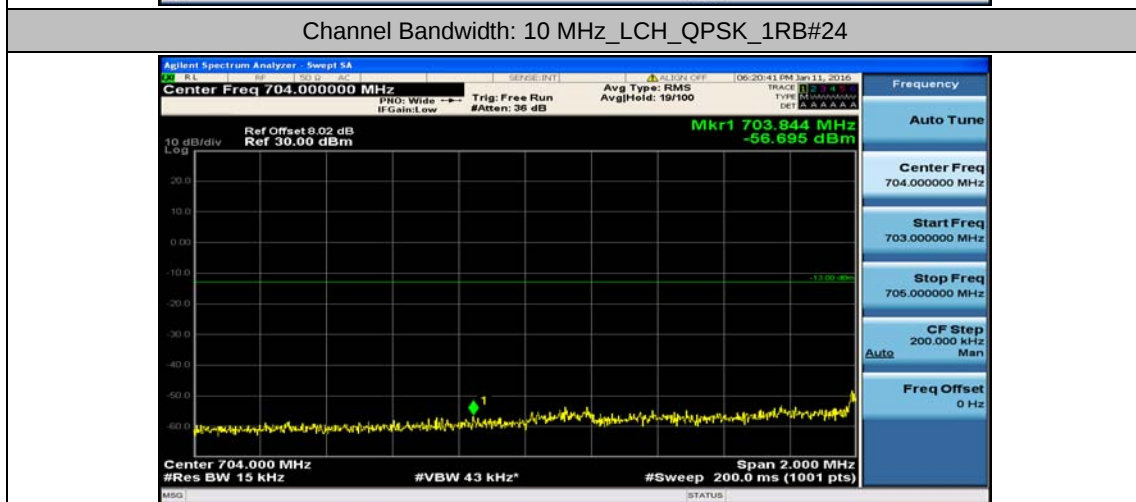
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

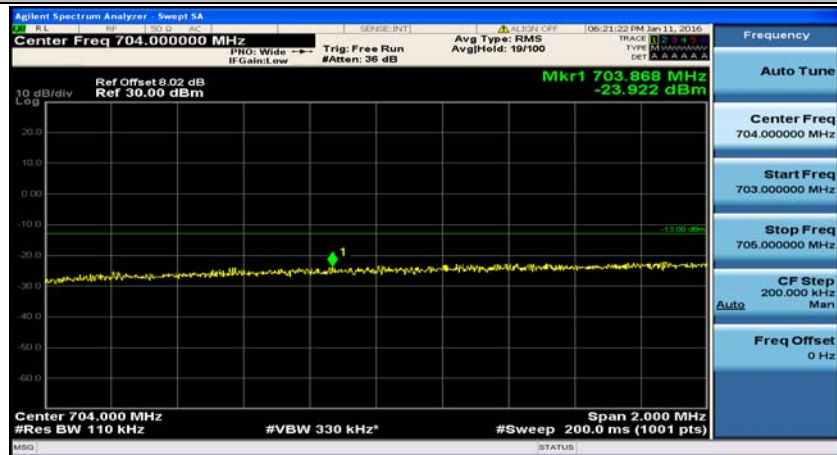




Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25