

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	24.98	PASS
		1	12	25.02	PASS
		1	24	24.89	PASS
		12	0	24.05	PASS
		12	6	23.96	PASS
		12	13	23.89	PASS
		25	0	23.91	PASS
	MCH	1	0	24.82	PASS
		1	12	24.92	PASS
		1	24	24.97	PASS
		12	0	23.85	PASS
		12	6	23.84	PASS
		12	13	23.84	PASS
		25	0	23.80	PASS
	HCH	1	0	24.81	PASS
		1	12	24.67	PASS
		1	24	24.03	PASS
		12	0	23.84	PASS
		12	6	23.81	PASS
		12	13	23.21	PASS
		25	0	23.70	PASS
16QAM	LCH	1	0	24.13	PASS
		1	12	24.03	PASS
		1	24	24.26	PASS
		12	0	23.17	PASS
		12	6	23.09	PASS
		12	13	23.04	PASS
		25	0	22.95	PASS
	MCH	1	0	23.93	PASS
		1	12	23.94	PASS
		1	24	23.84	PASS
		12	0	22.85	PASS
		12	6	22.82	PASS

		12	13	22.81	PASS
		25	0	22.77	PASS
	HCH	1	0	23.88	PASS
		1	12	23.89	PASS
		1	24	23.38	PASS
		12	0	22.83	PASS
		12	6	22.80	PASS
		12	13	22.38	PASS
		25	0	22.78	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict	
		Size	Offset			
QPSK	LCH	1	0	25.07	PASS	
		1	24	24.81	PASS	
		1	49	24.28	PASS	
		25	0	24.35	PASS	
		25	12	23.81	PASS	
		25	25	23.76	PASS	
		50	0	24.13	PASS	
	MCH	1	0	24.93	PASS	
		1	24	24.78	PASS	
		1	49	23.53	PASS	
		25	0	23.83	PASS	
		25	12	23.80	PASS	
		25	25	23.74	PASS	
		50	0	23.79	PASS	
	HCH	1	0	24.84	PASS	
		1	24	24.79	PASS	
		1	49	23.18	PASS	
		25	0	23.80	PASS	
		25	12	23.77	PASS	
		25	25	23.57	PASS	
		50	0	23.73	PASS	
	16QAM	LCH	1	0	24.25	PASS
			1	24	24.08	PASS
			1	49	23.72	PASS
25			0	22.88	PASS	
25			12	22.77	PASS	
25			25	22.75	PASS	
50			0	22.83	PASS	
MCH		1	0	24.25	PASS	

		1	24	24.03	PASS
		1	49	22.95	PASS
		25	0	22.81	PASS
		25	12	22.74	PASS
		25	25	22.74	PASS
		50	0	22.76	PASS
	HCH	1	0	24.27	PASS
		1	24	24.10	PASS
		1	49	22.75	PASS
		25	0	22.78	PASS
		25	12	22.72	PASS
		25	25	22.74	PASS
		50	0	22.75	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	4.67	<13	PASS
		1	12	4.94	<13	PASS
		1	24	4.88	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.66	<13	PASS
		12	13	5.83	<13	PASS
		25	0	5.84	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	12	4.48	<13	PASS
		1	24	3.67	<13	PASS
		12	0	5.64	<13	PASS
		12	6	5.22	<13	PASS
		12	13	4.79	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	3.85	<13	PASS
		1	12	4.35	<13	PASS
		1	24	5.21	<13	PASS
		12	0	4.58	<13	PASS
		12	6	4.87	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.1	<13	PASS
16QAM	LCH	1	0	5.56	<13	PASS
		1	12	5.89	<13	PASS
		1	24	5.86	<13	PASS
		12	0	6.4	<13	PASS
		12	6	6.45	<13	PASS
		12	13	6.53	<13	PASS
		25	0	6.55	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	12	5.39	<13	PASS
		1	24	4.44	<13	PASS
		12	0	6.5	<13	PASS
		12	6	6.11	<13	PASS

		12	13	5.78	<13	PASS
		25	0	6.1	<13	PASS
	HCH	1	0	4.98	<13	PASS
		1	12	5.18	<13	PASS
		1	24	6.26	<13	PASS
		12	0	5.31	<13	PASS
		12	6	5.48	<13	PASS
		12	13	6.19	<13	PASS
		25	0	5.73	<13	PASS

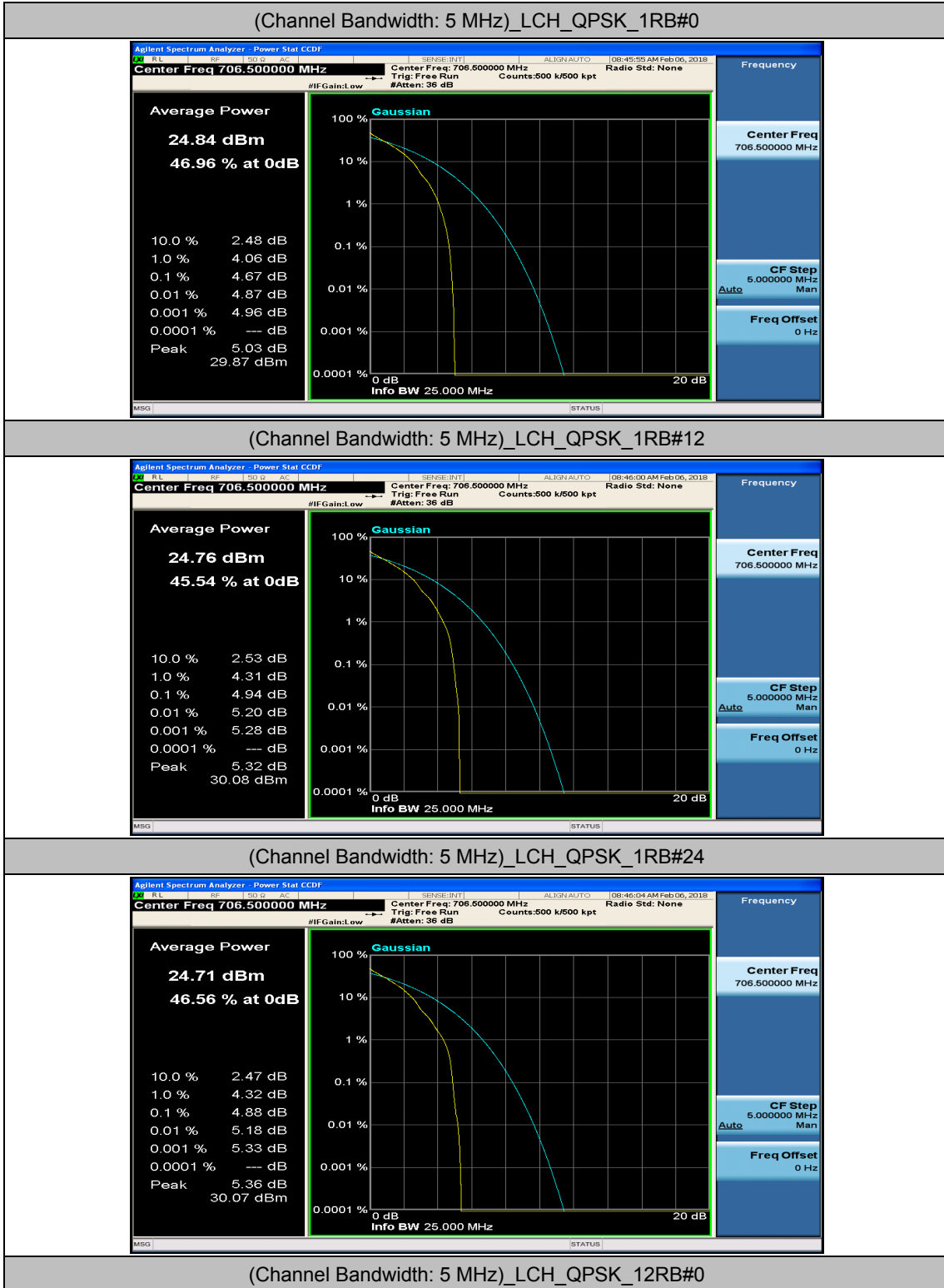
Channel Bandwidth: 10 MHz

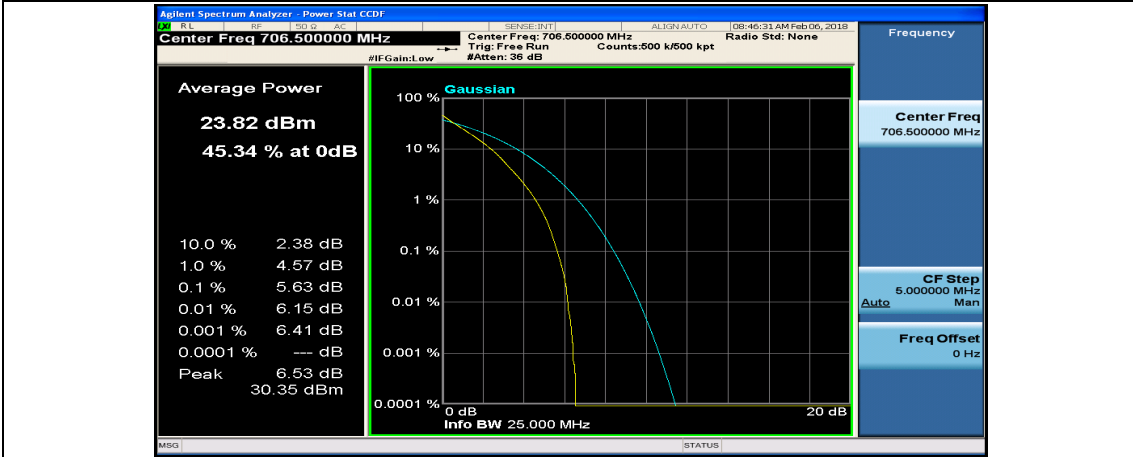
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.84	<13	PASS
		1	24	5.02	<13	PASS
		1	49	4.36	<13	PASS
		25	0	5.78	<13	PASS
		25	12	5.48	<13	PASS
		25	25	4.94	<13	PASS
		50	0	5.25	<13	PASS
	MCH	1	0	4.95	<13	PASS
		1	24	4.57	<13	PASS
		1	49	5.02	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.21	<13	PASS
		25	25	4.84	<13	PASS
		50	0	5.21	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	24	4.02	<13	PASS
		1	49	5.29	<13	PASS
		25	0	5.5	<13	PASS
		25	12	4.99	<13	PASS
		25	25	5.1	<13	PASS
		50	0	5.25	<13	PASS
16QAM	LCH	1	0	5.6	<13	PASS
		1	24	5.97	<13	PASS
		1	49	5.16	<13	PASS
		25	0	6.5	<13	PASS
		25	12	6.36	<13	PASS
		25	25	5.65	<13	PASS

		50	0	6.05	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	24	5.62	<13	PASS
		1	49	5.93	<13	PASS
		25	0	6.52	<13	PASS
		25	12	6.09	<13	PASS
		25	25	5.59	<13	PASS
		50	0	5.98	<13	PASS
		HCH	1	0	5.81	<13
	1		24	4.95	<13	PASS
	1		49	6.14	<13	PASS
	25		0	6.29	<13	PASS
	25		12	5.8	<13	PASS
	25		25	5.79	<13	PASS
	50		0	5.99	<13	PASS

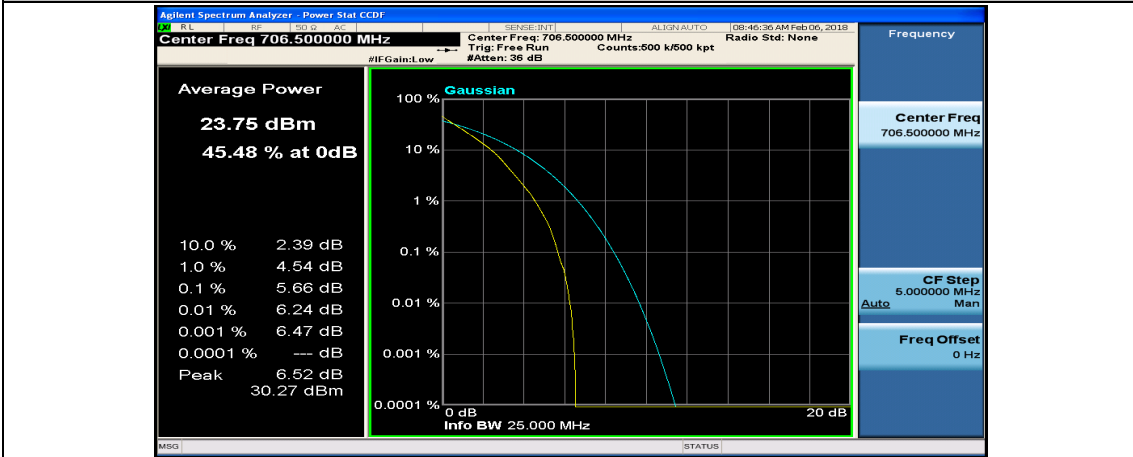
Test Graphs

Channel Bandwidth: 5 MHz

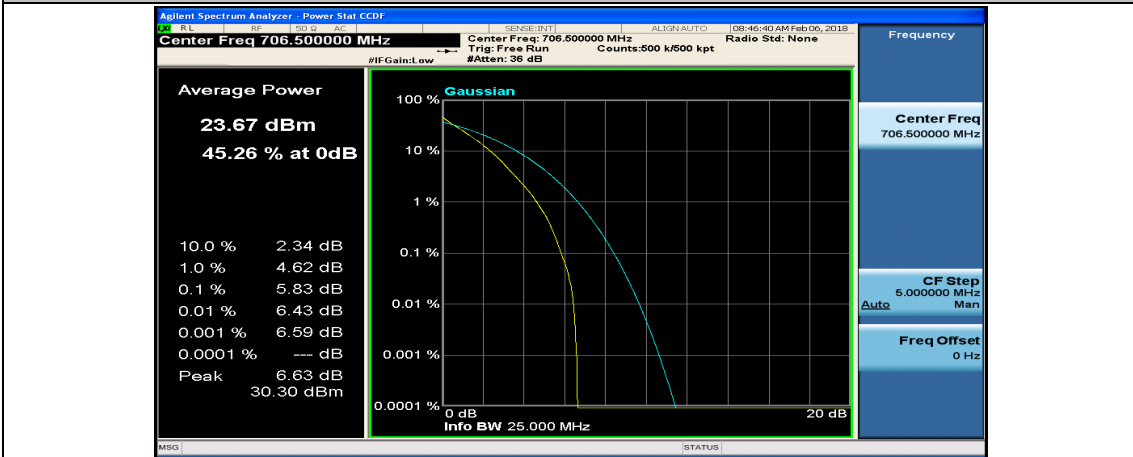




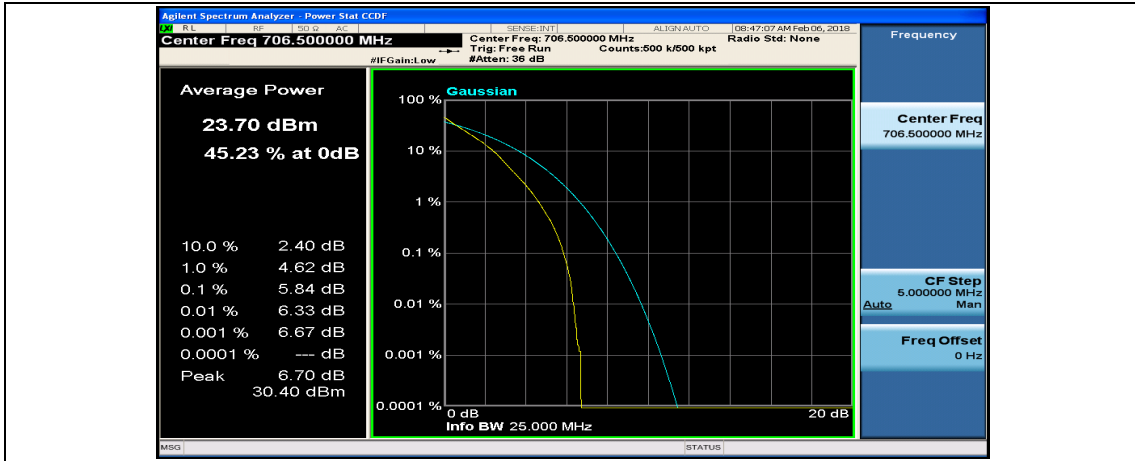
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



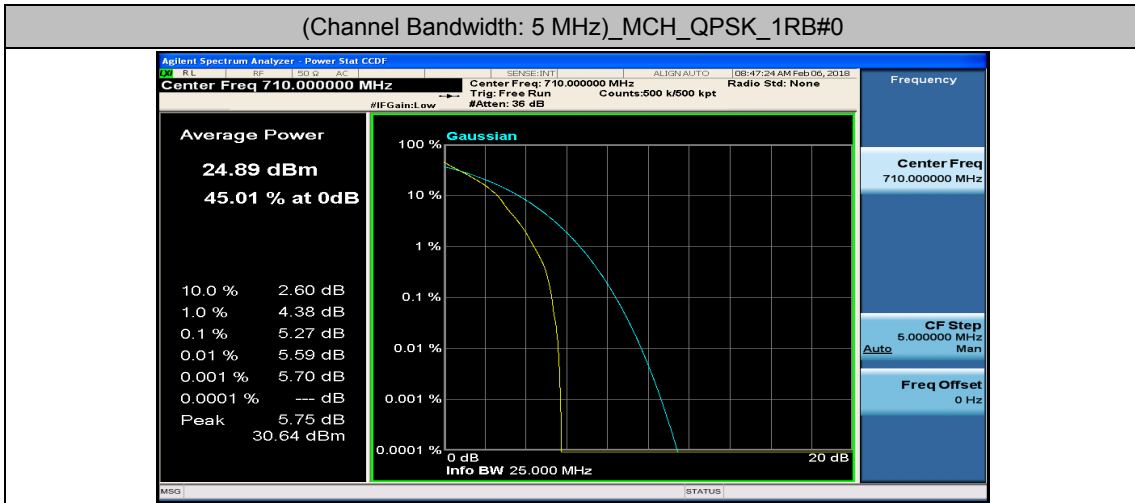
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



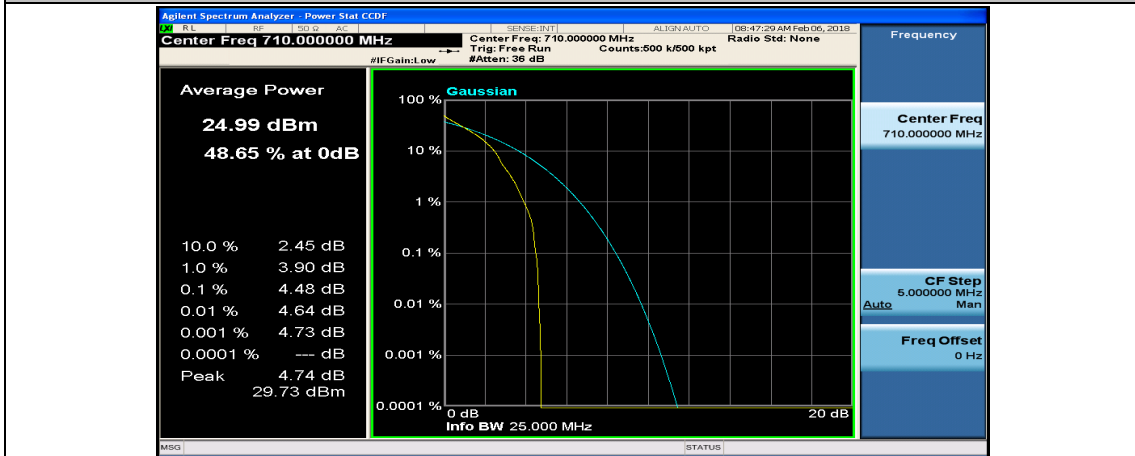
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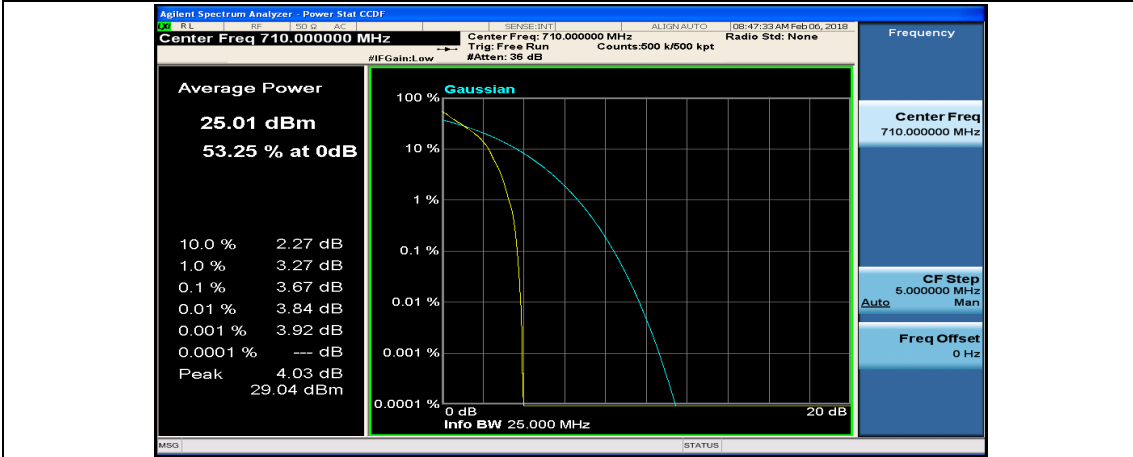
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



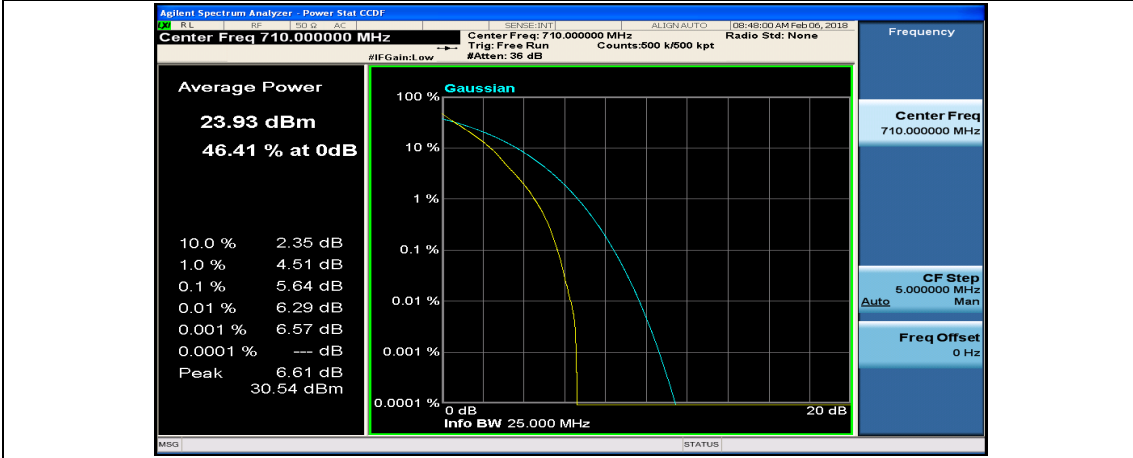
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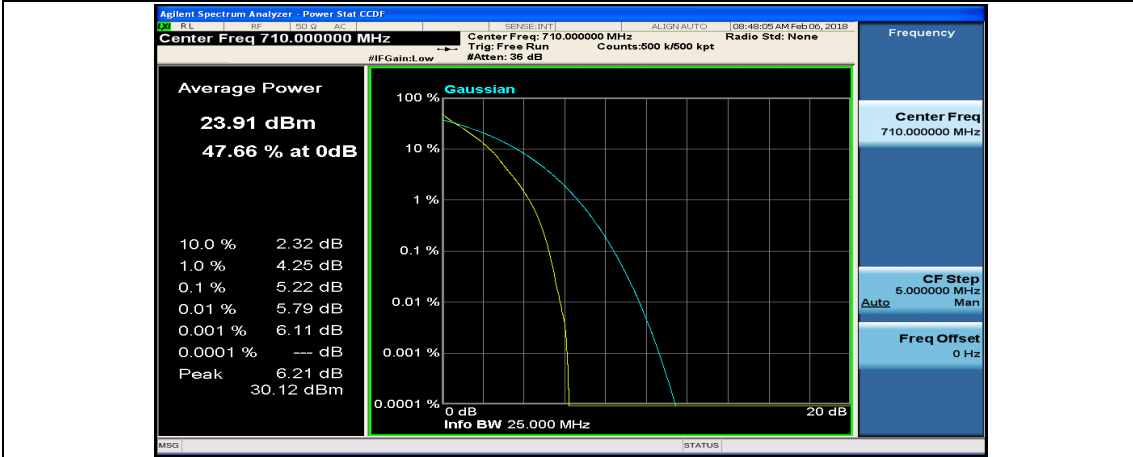
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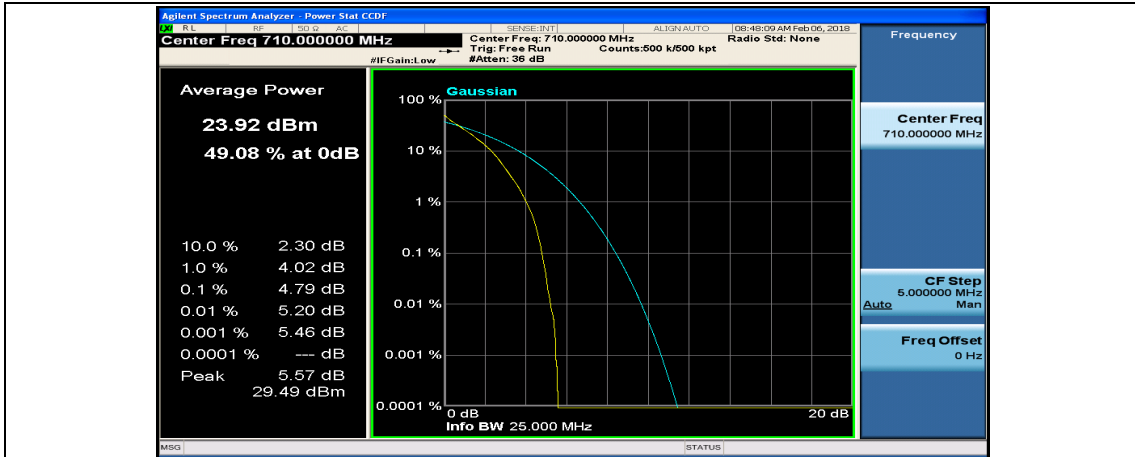
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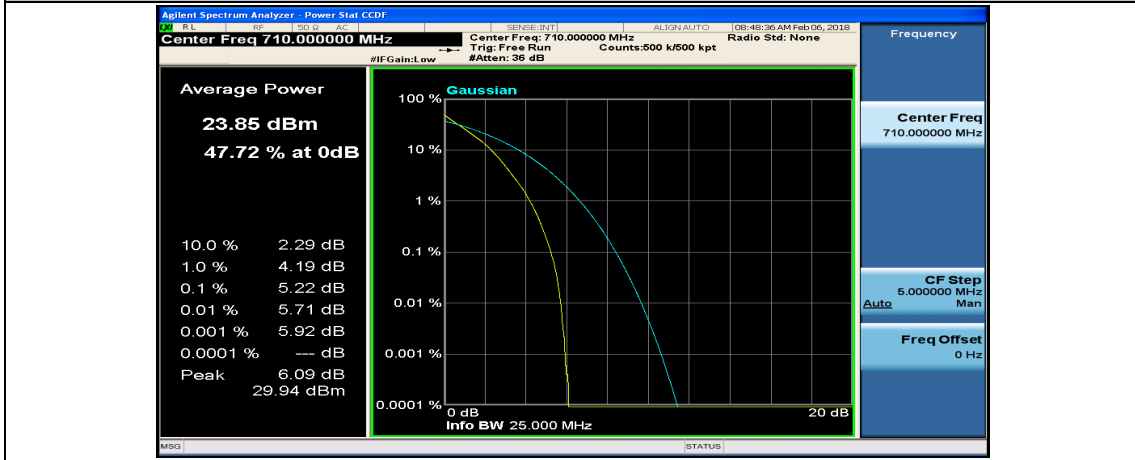
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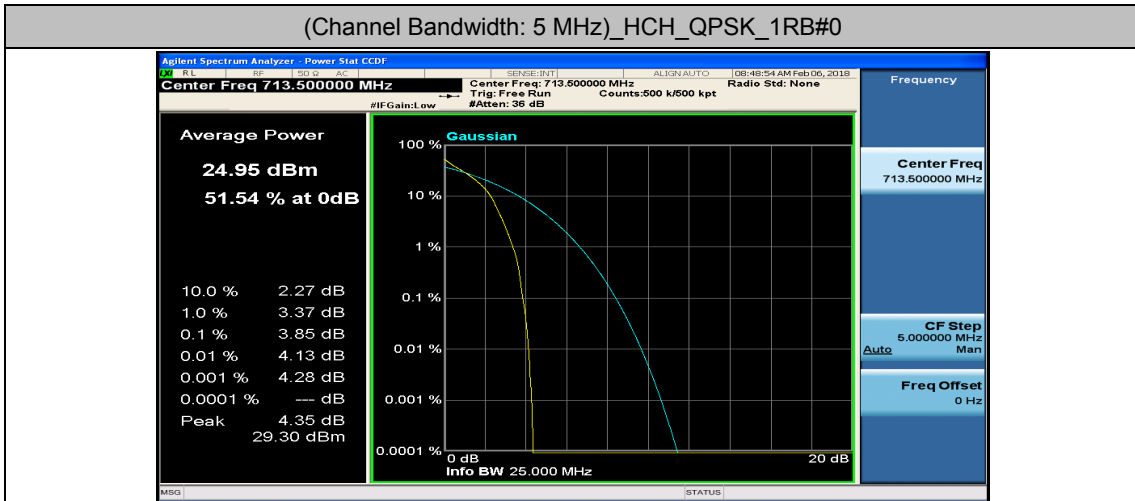
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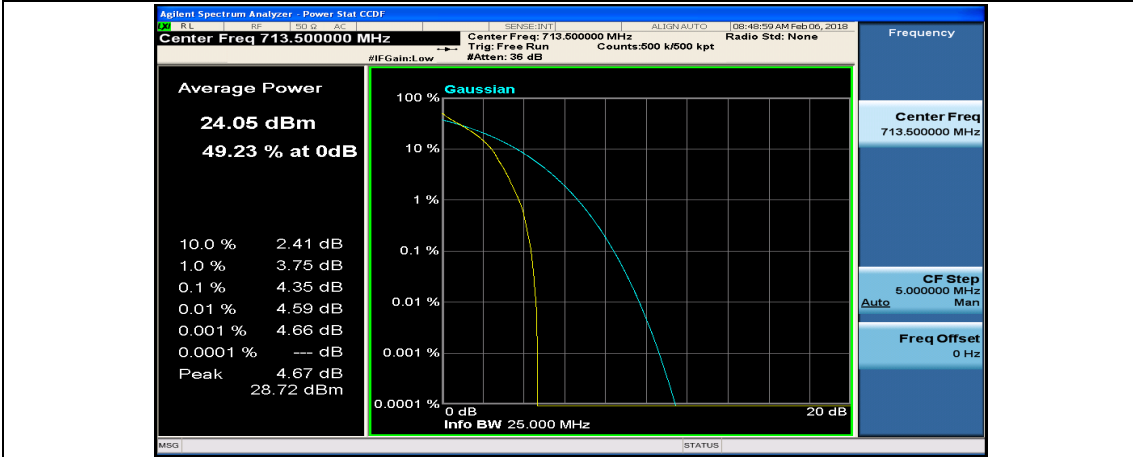
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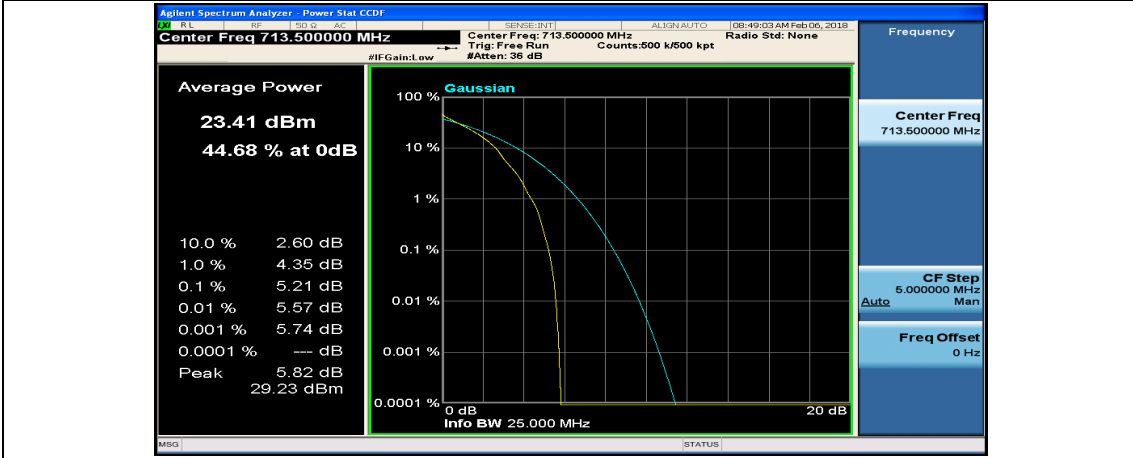
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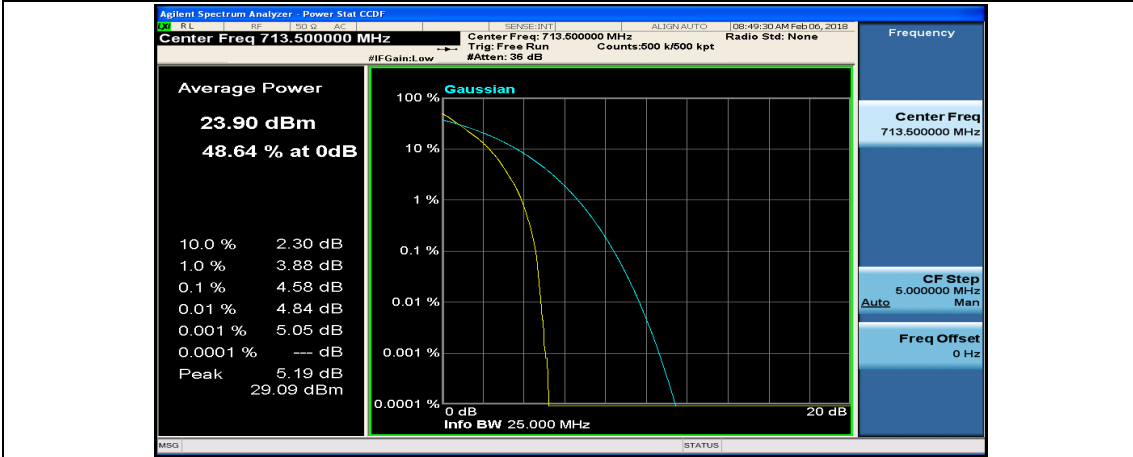
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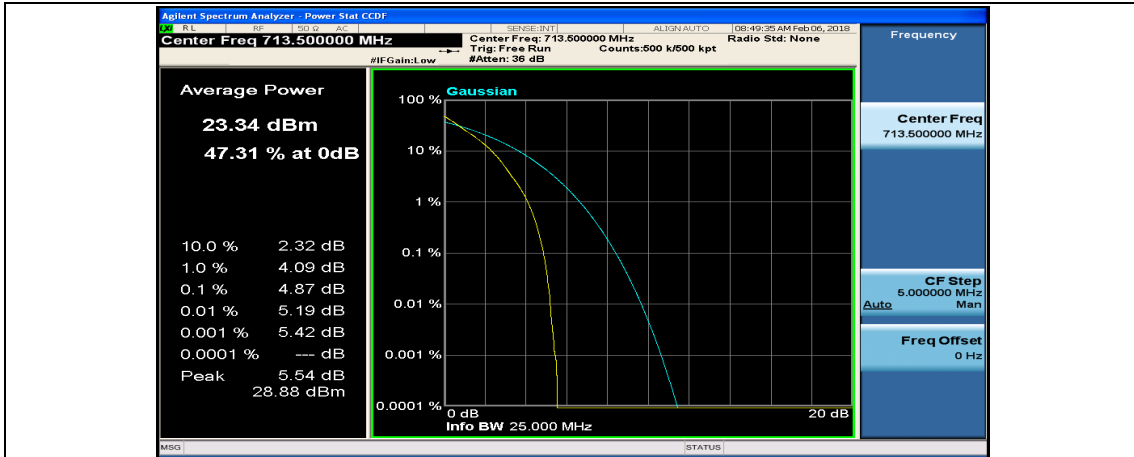
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



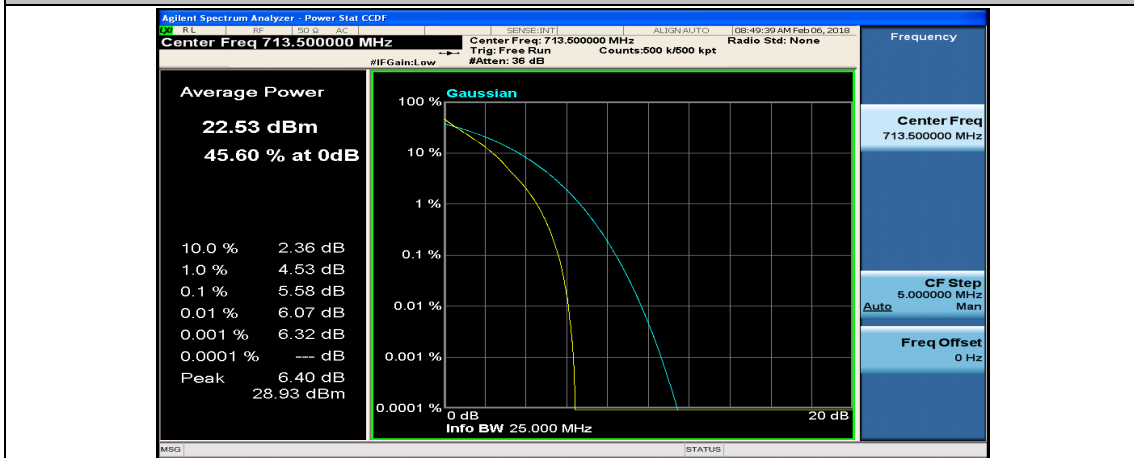
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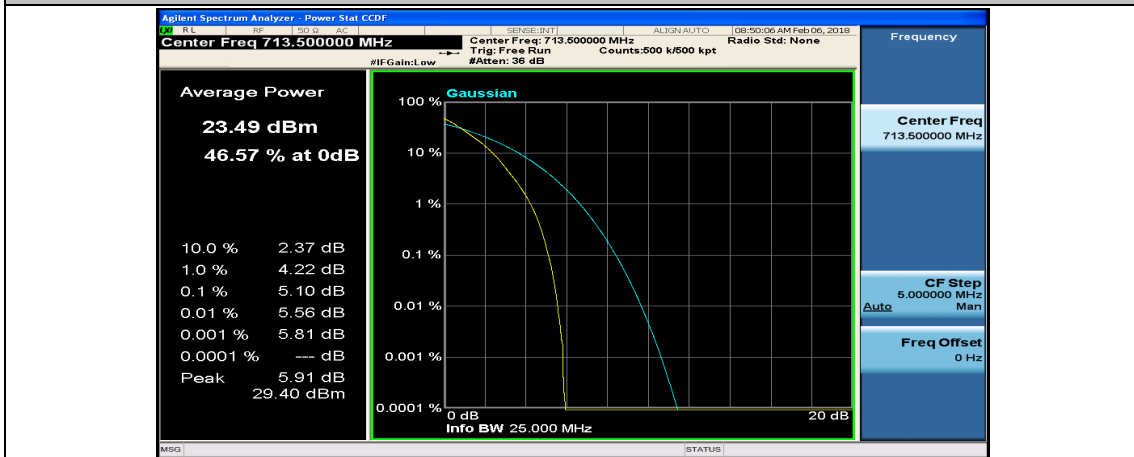
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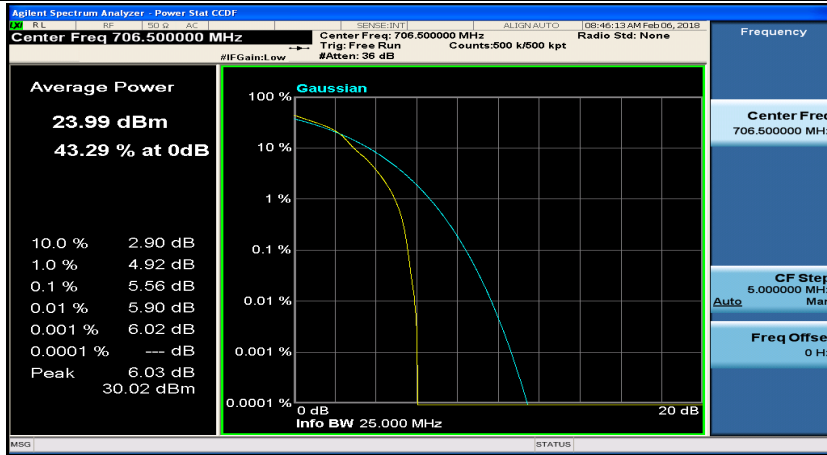
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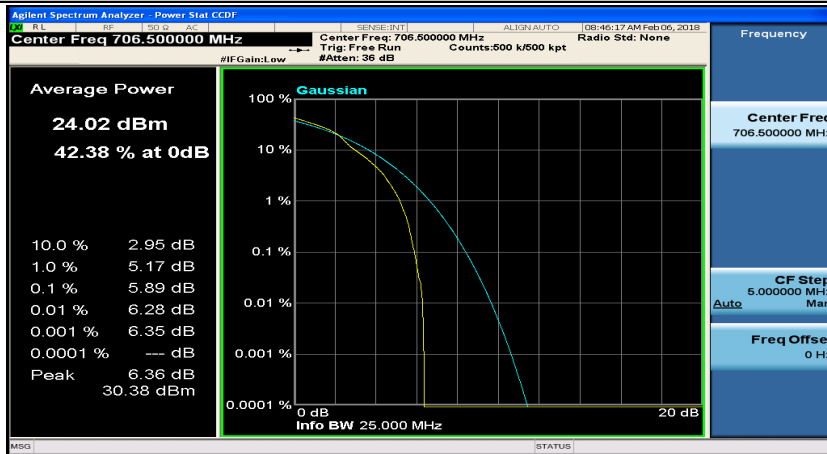
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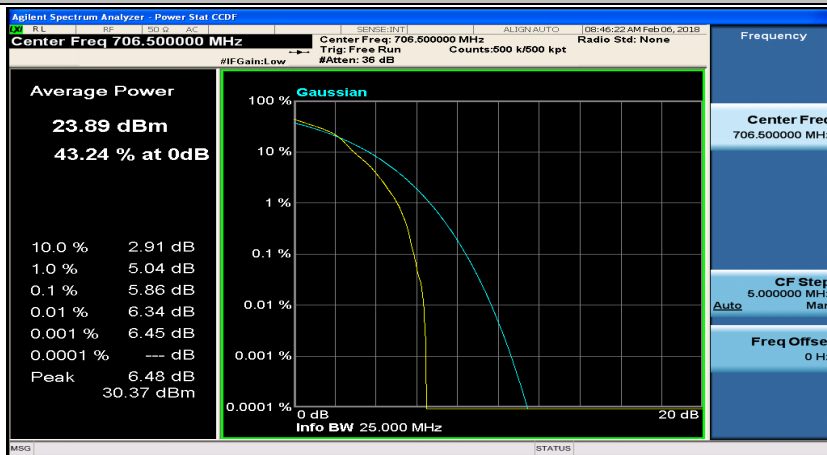
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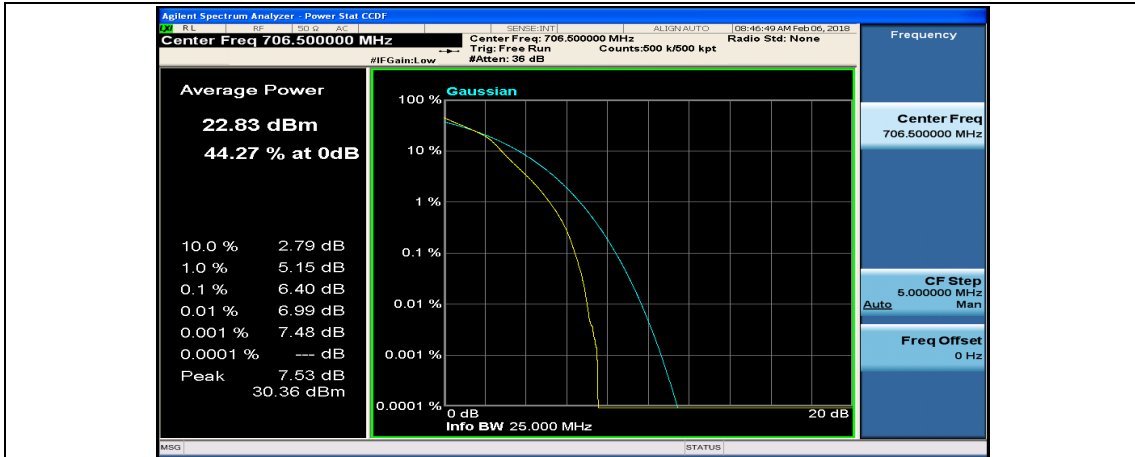
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



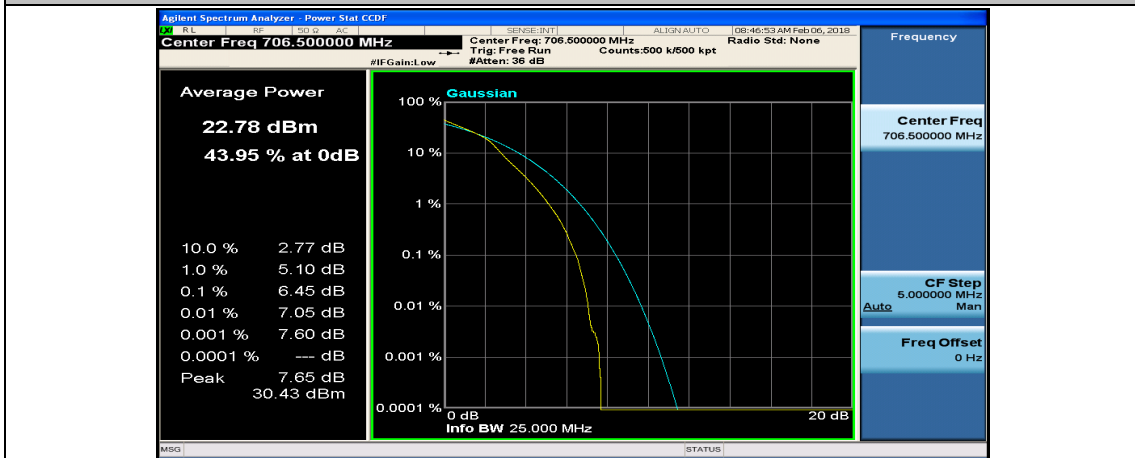
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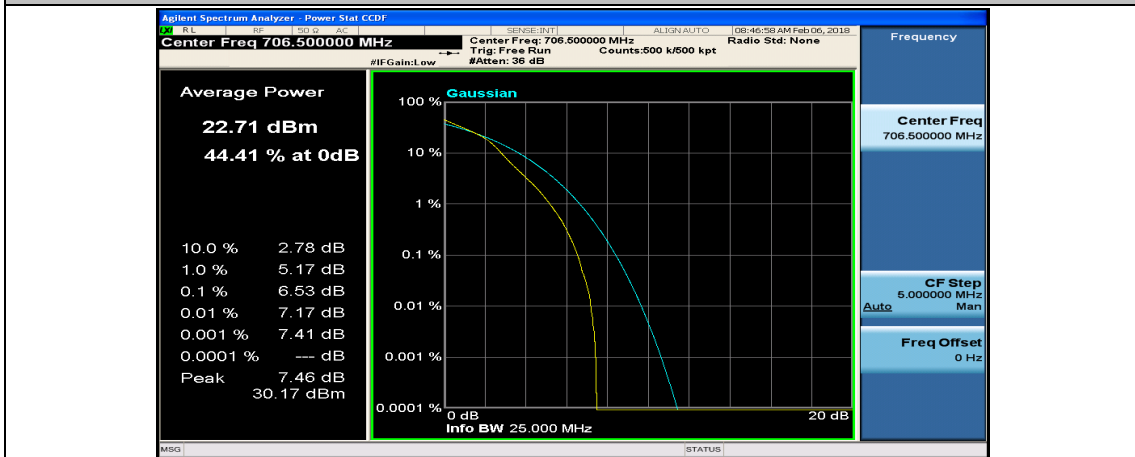
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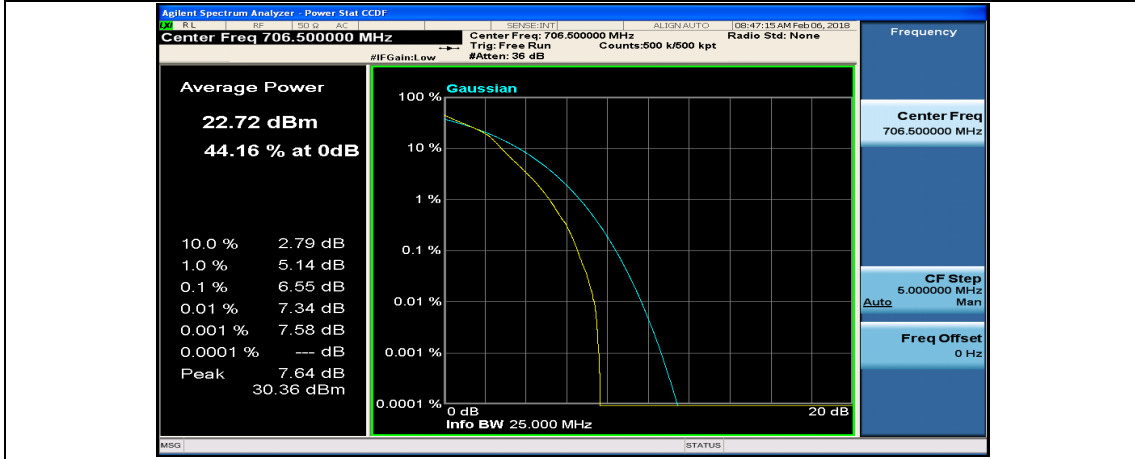
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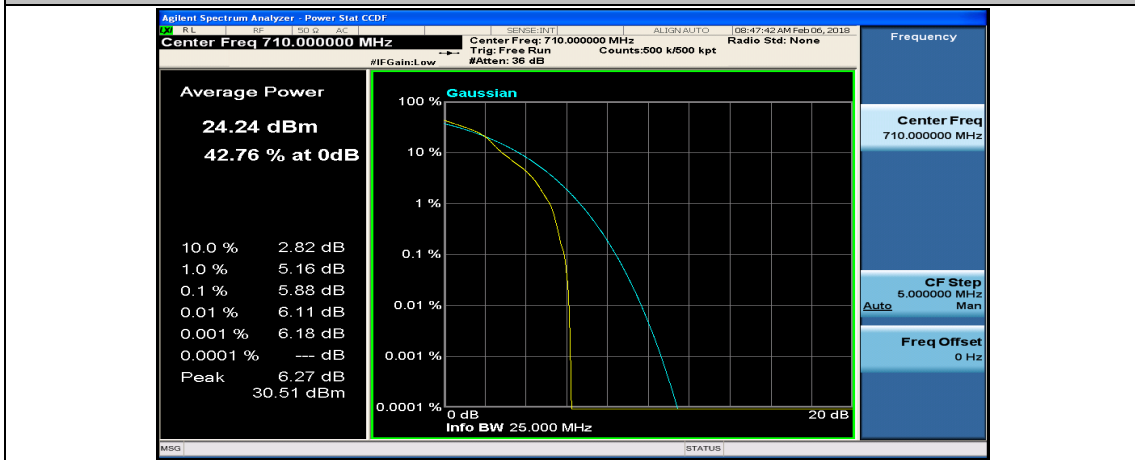
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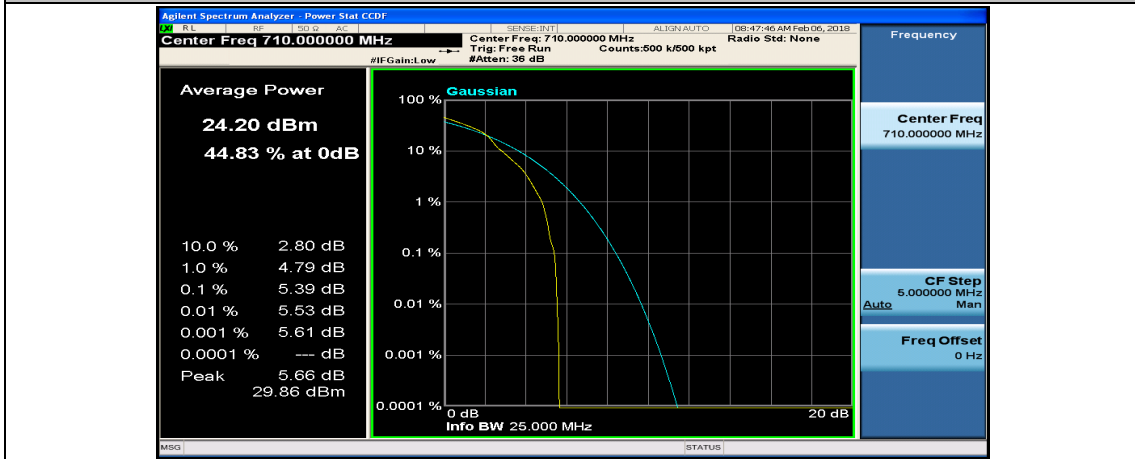
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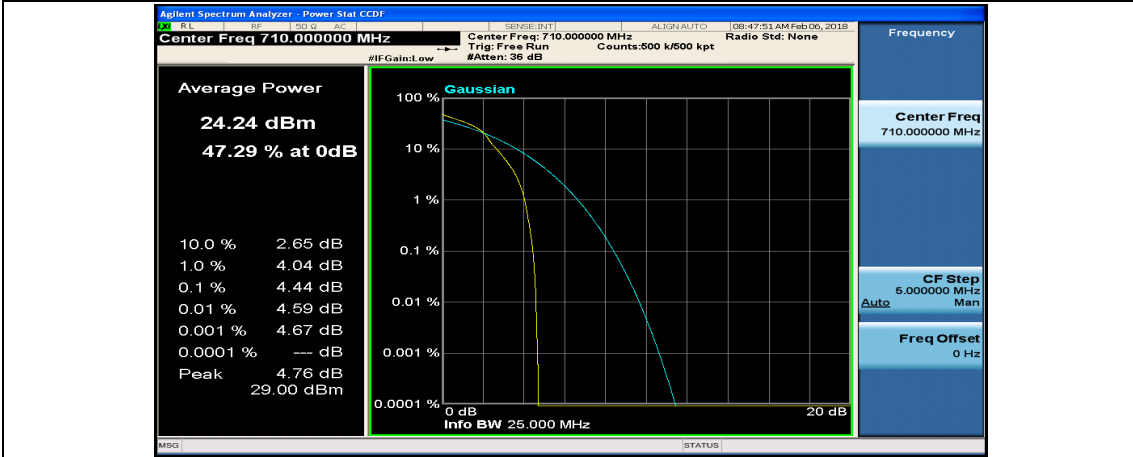
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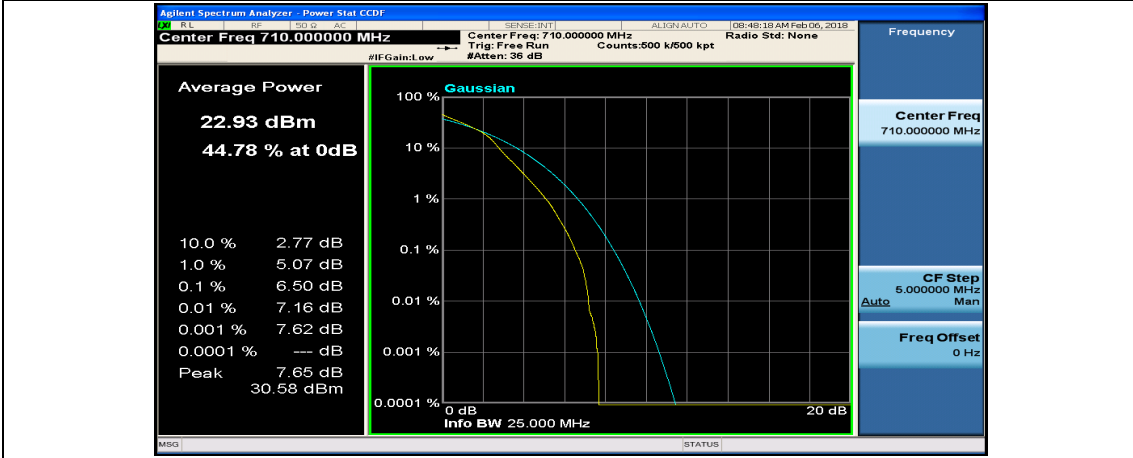
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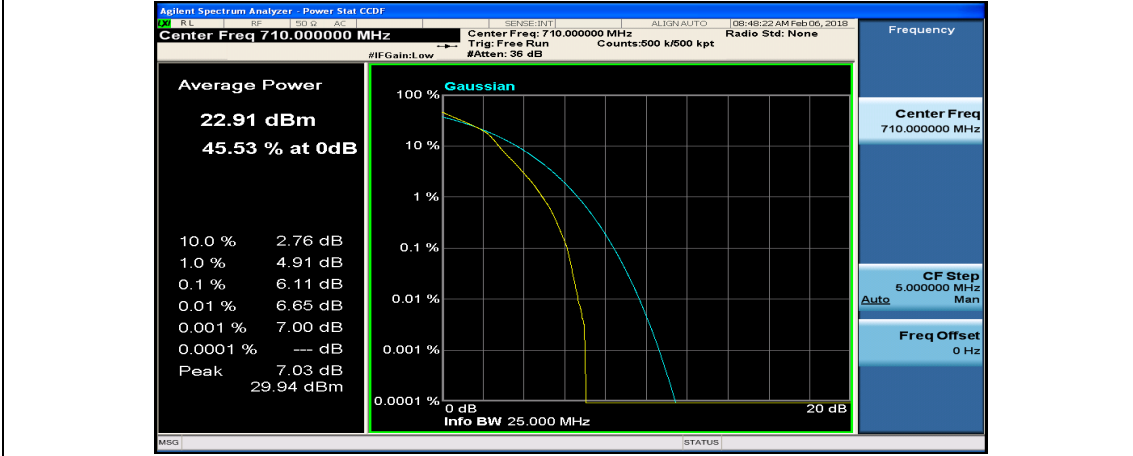
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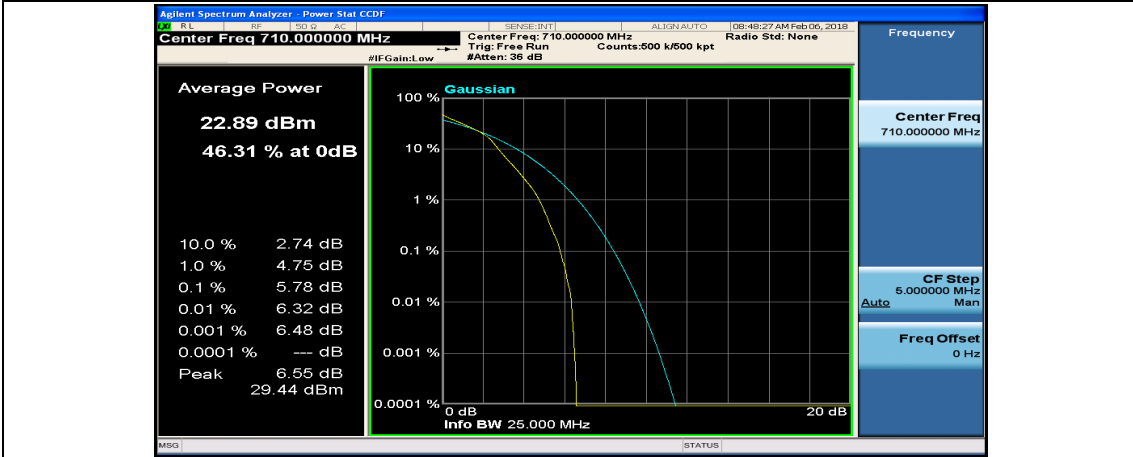
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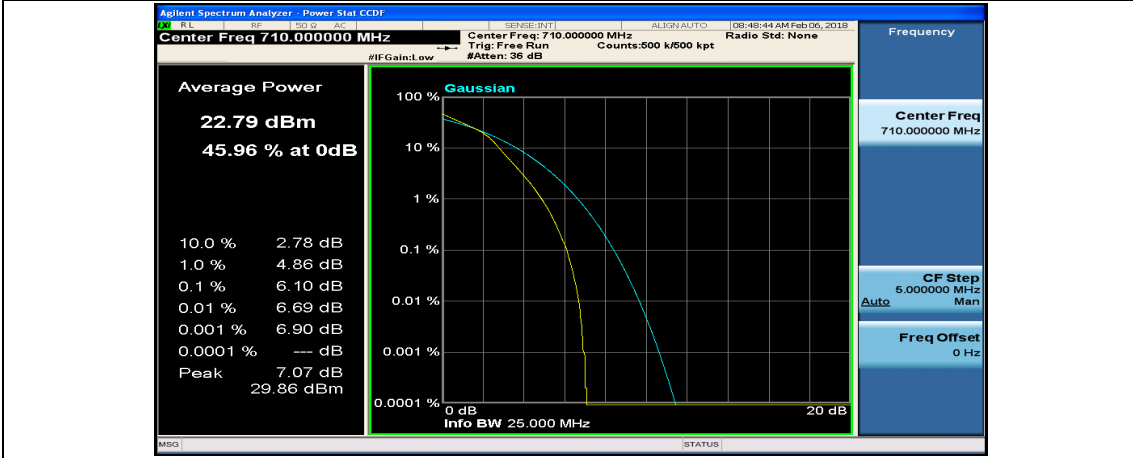
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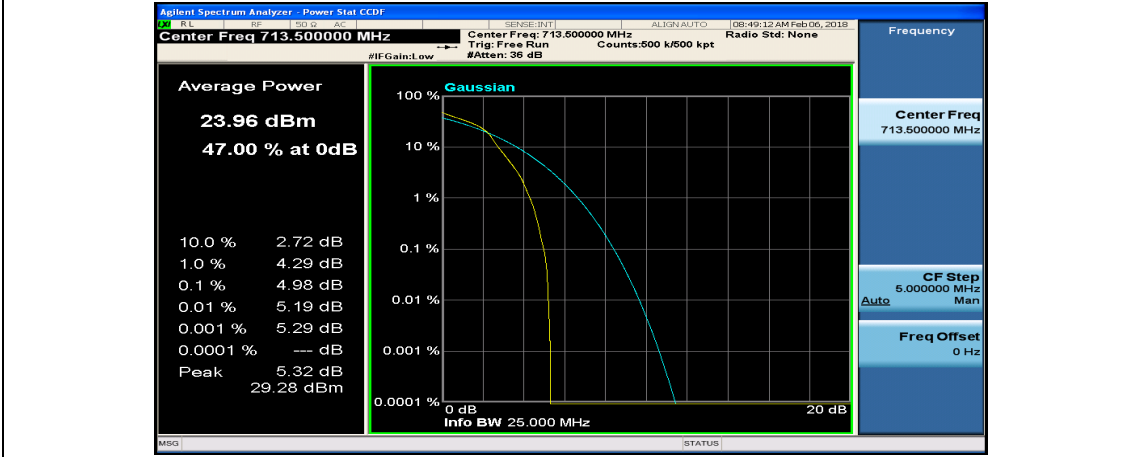
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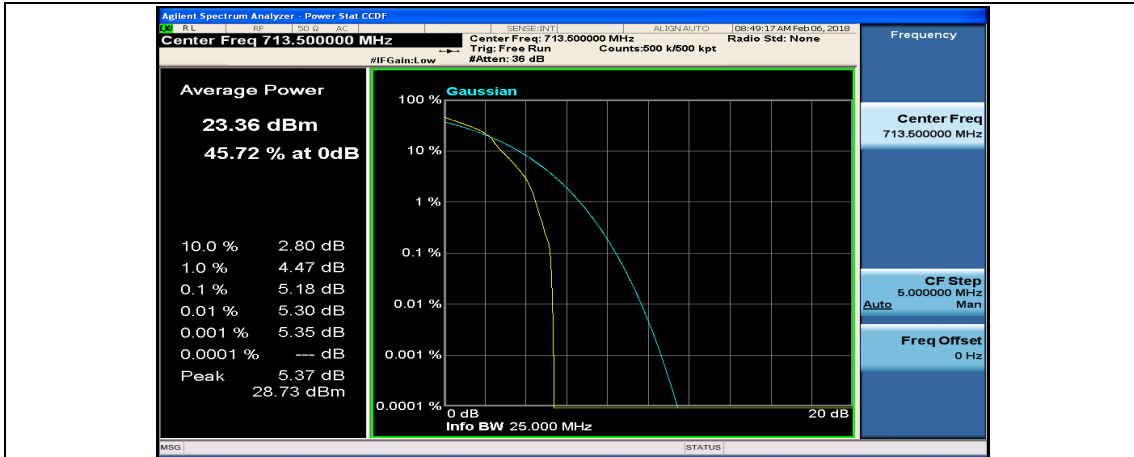
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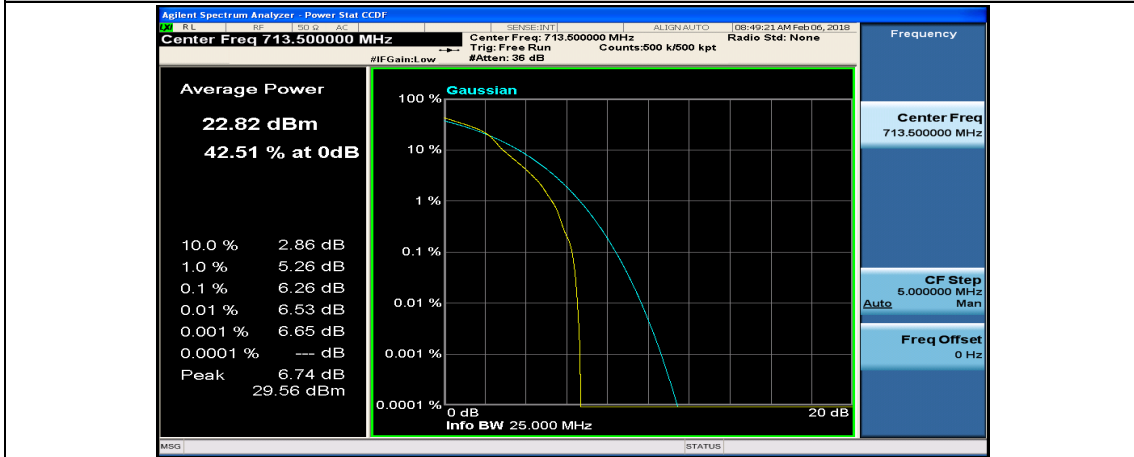
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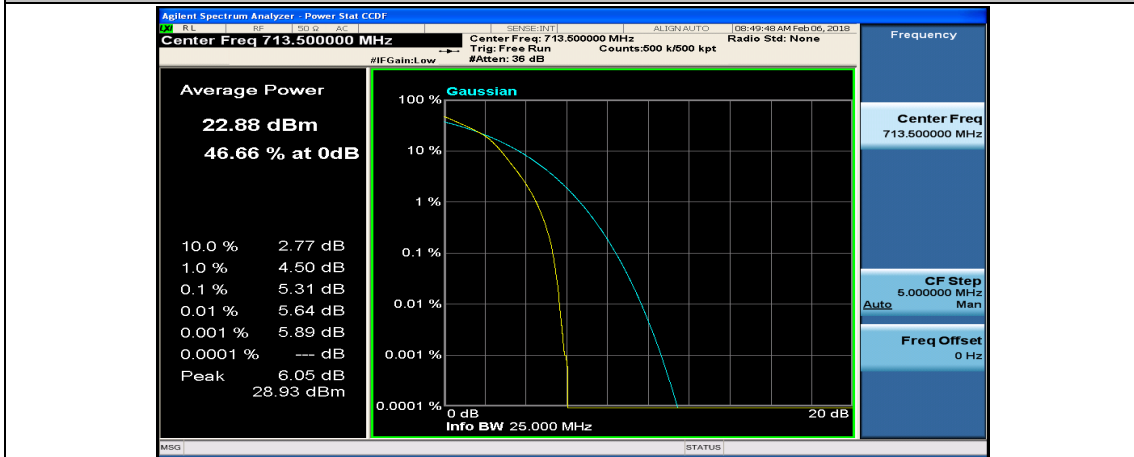
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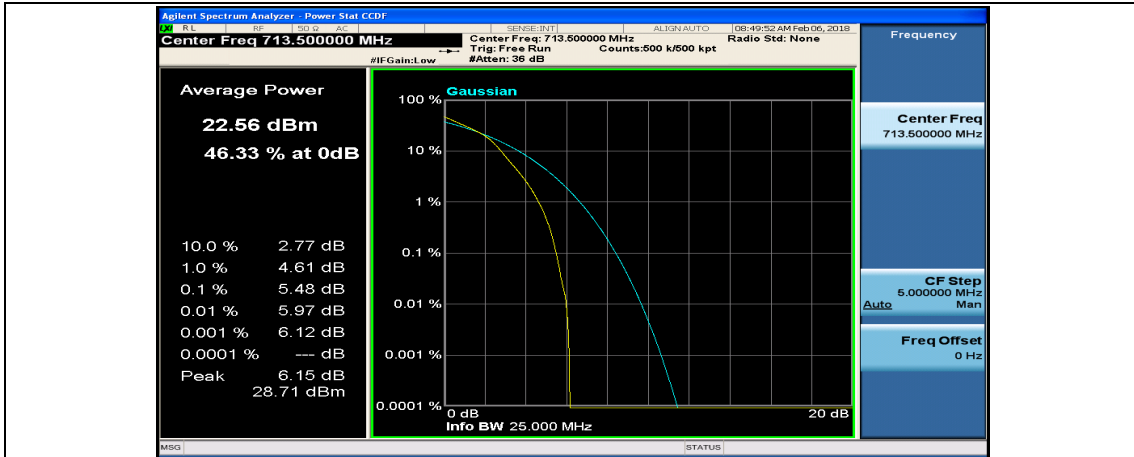
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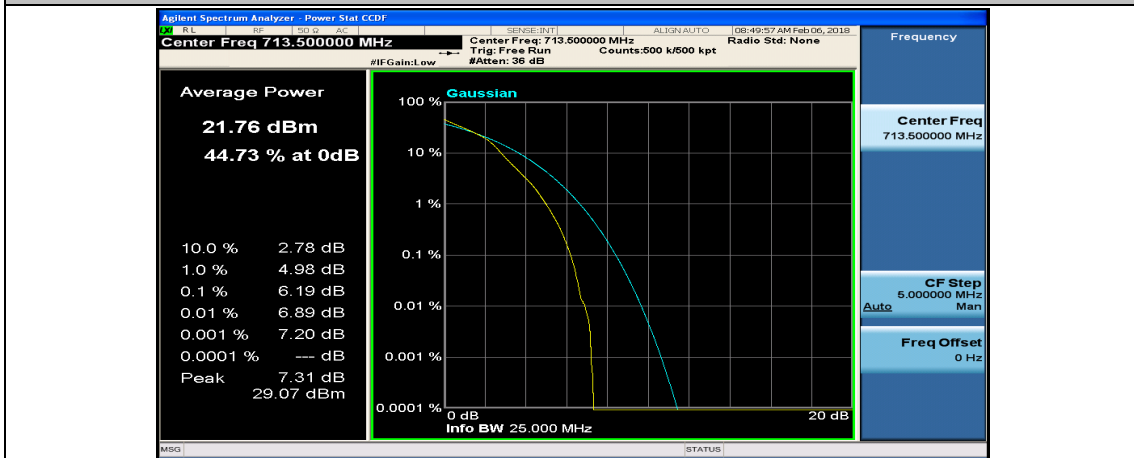
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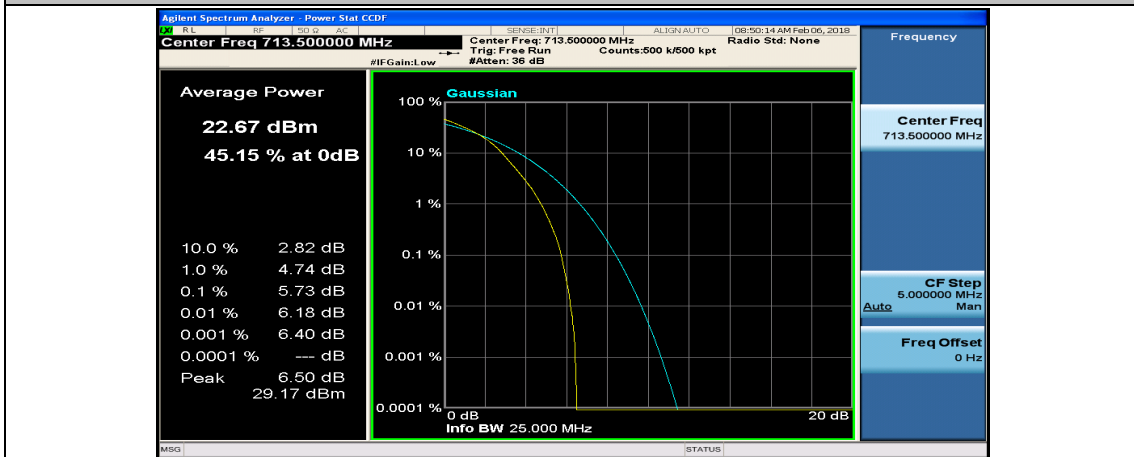
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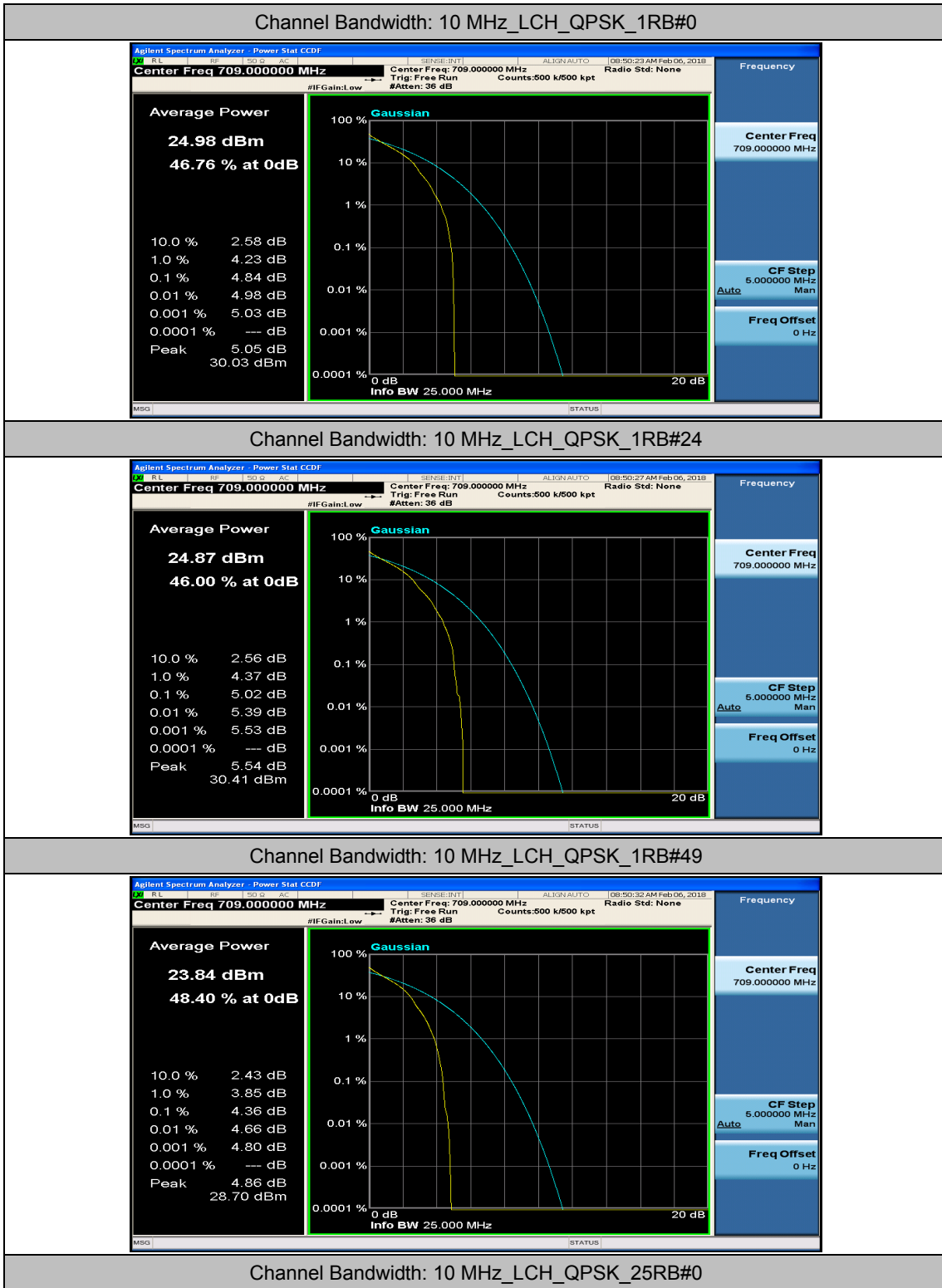
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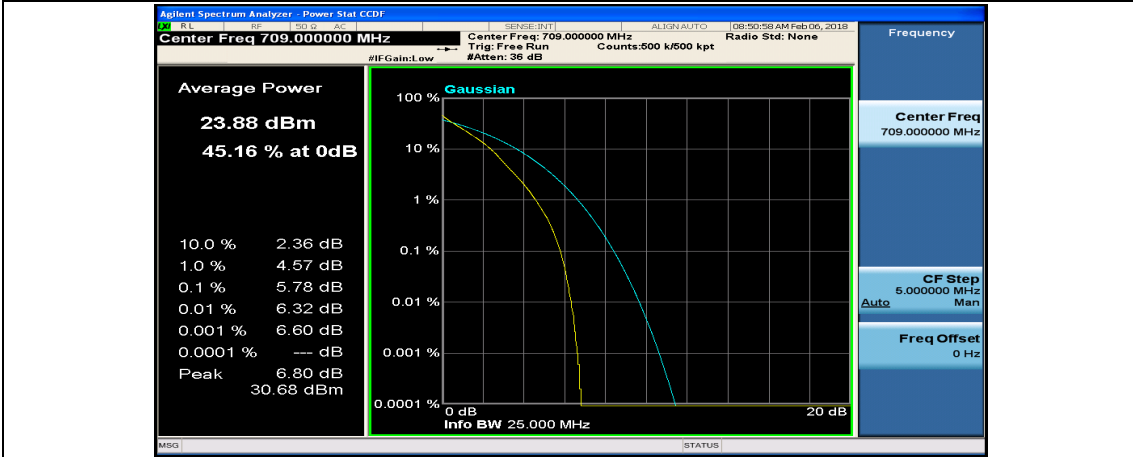


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

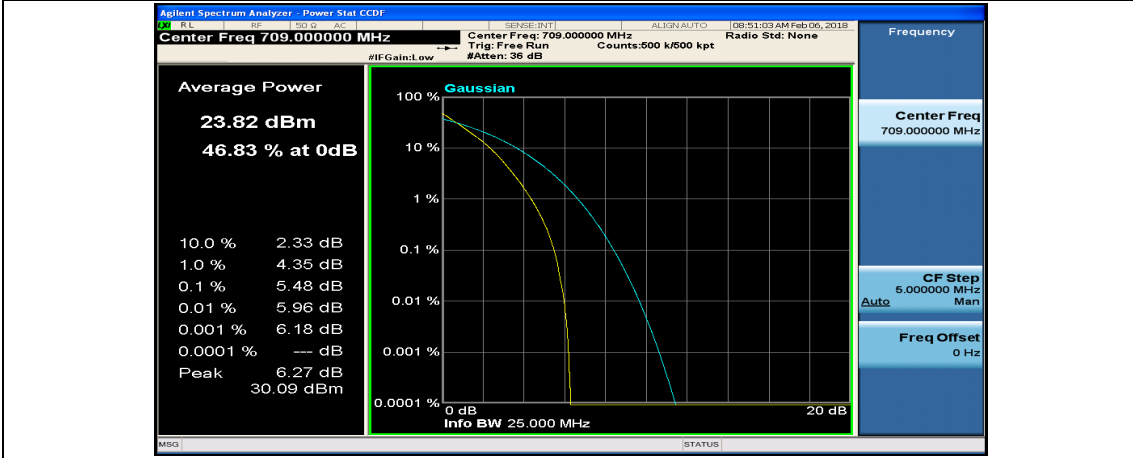


Channel Bandwidth: 10 MHz

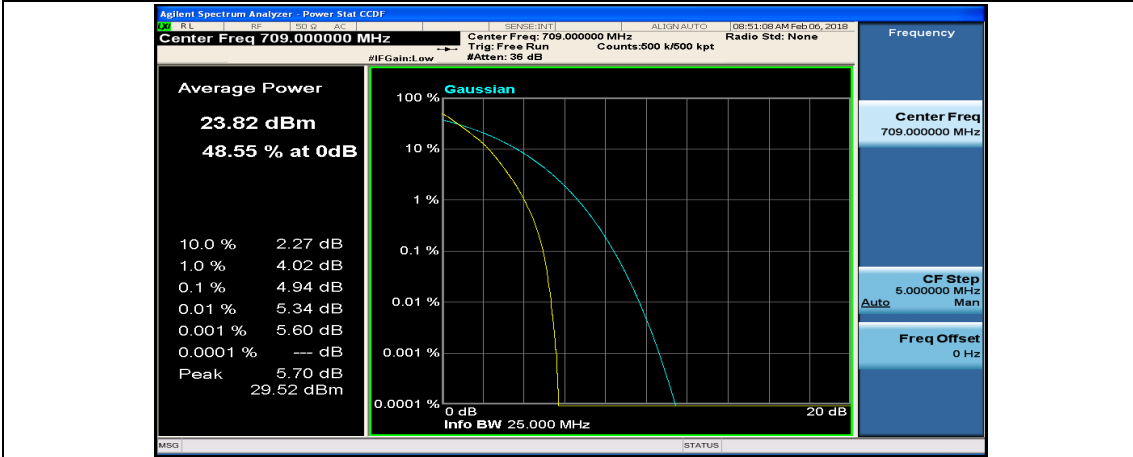




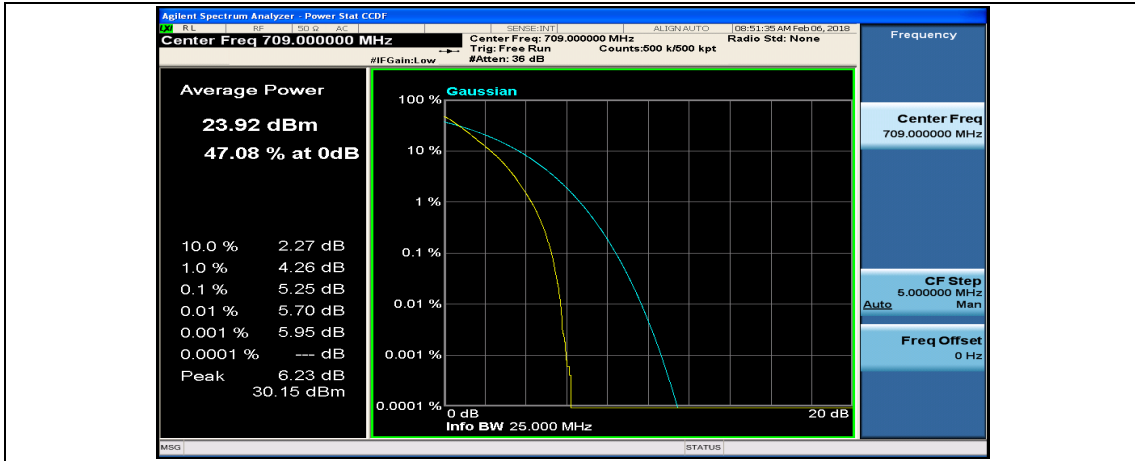
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



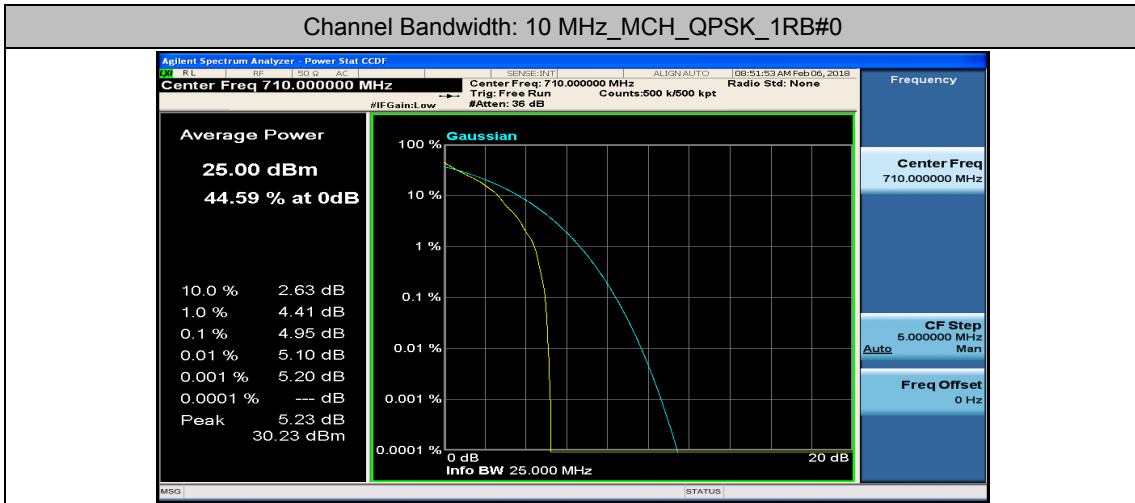
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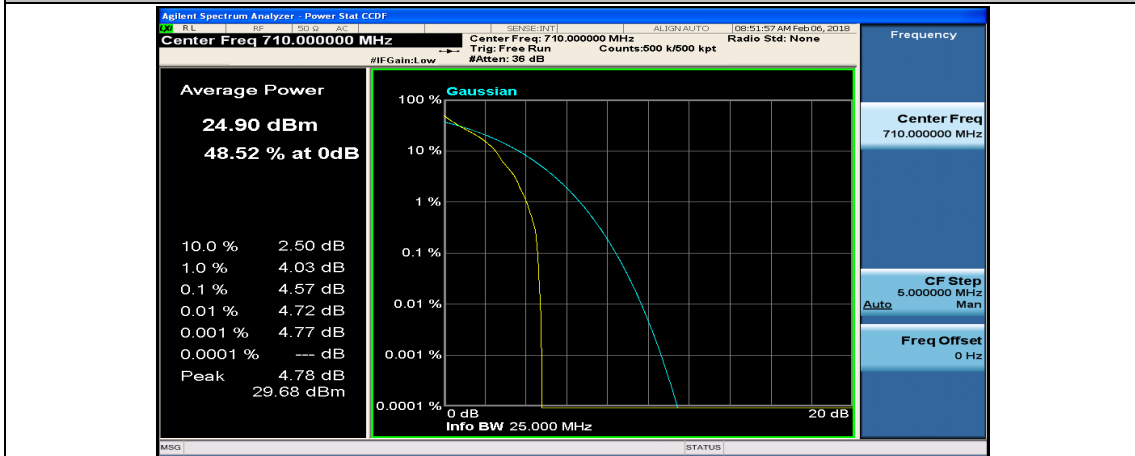
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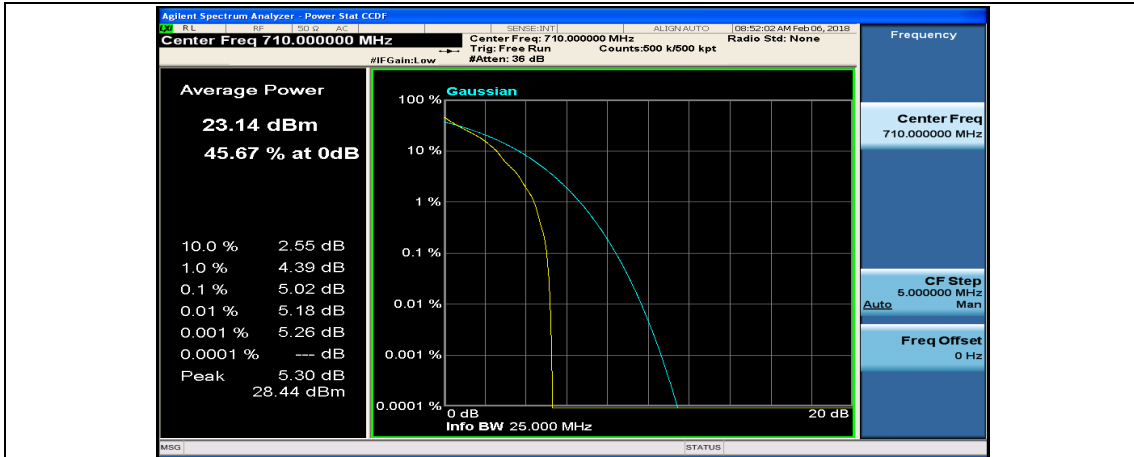
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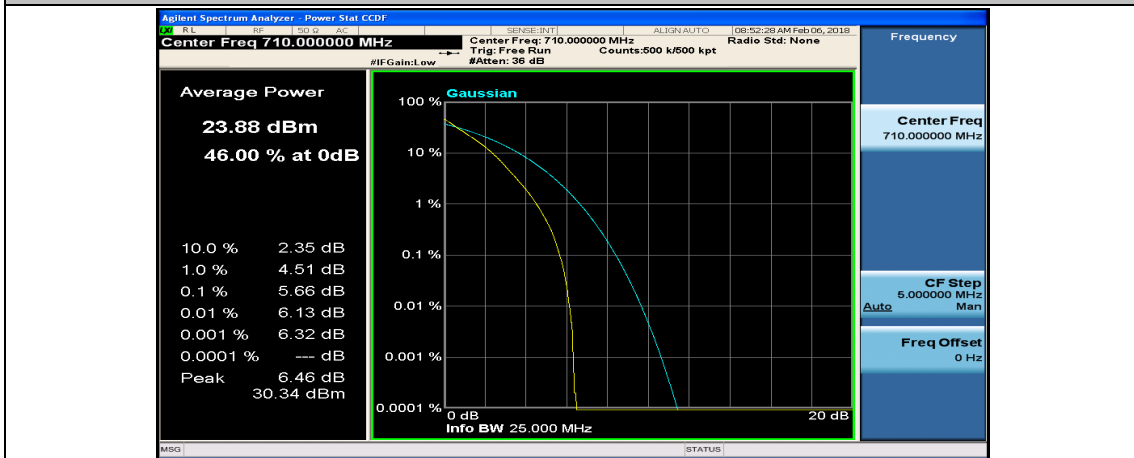
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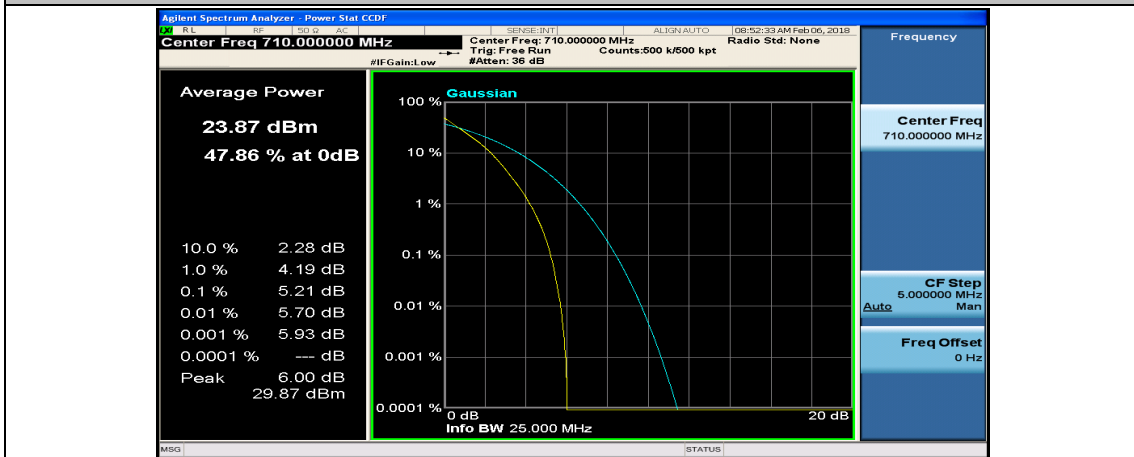
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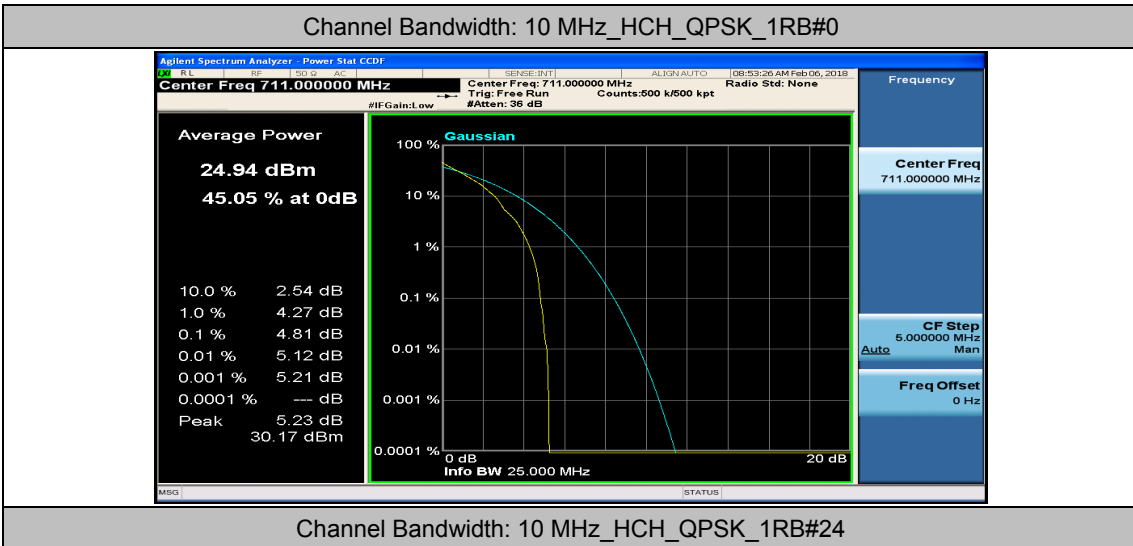
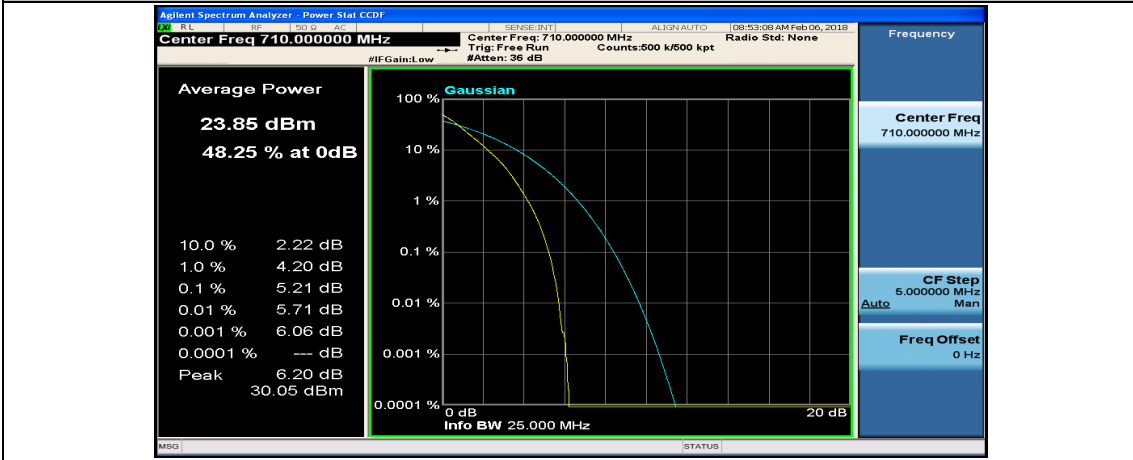
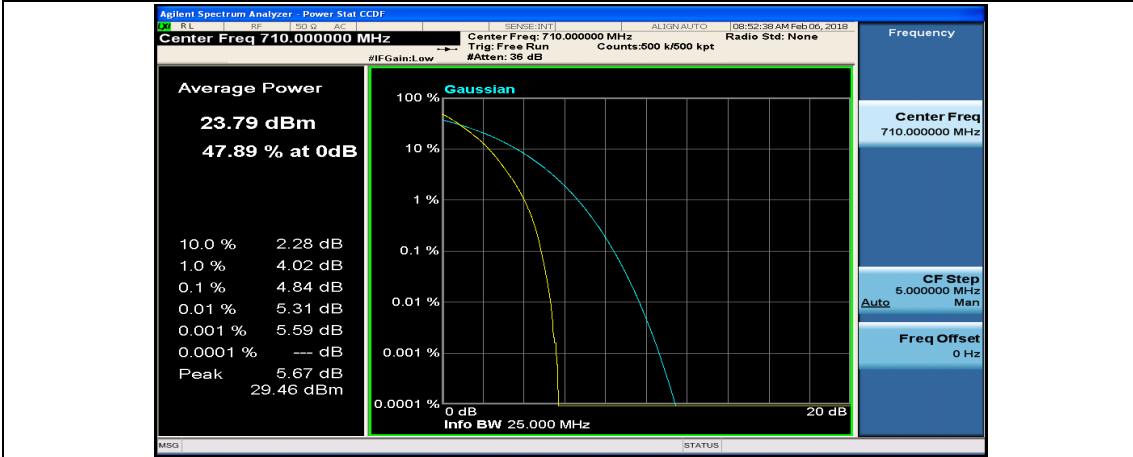
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

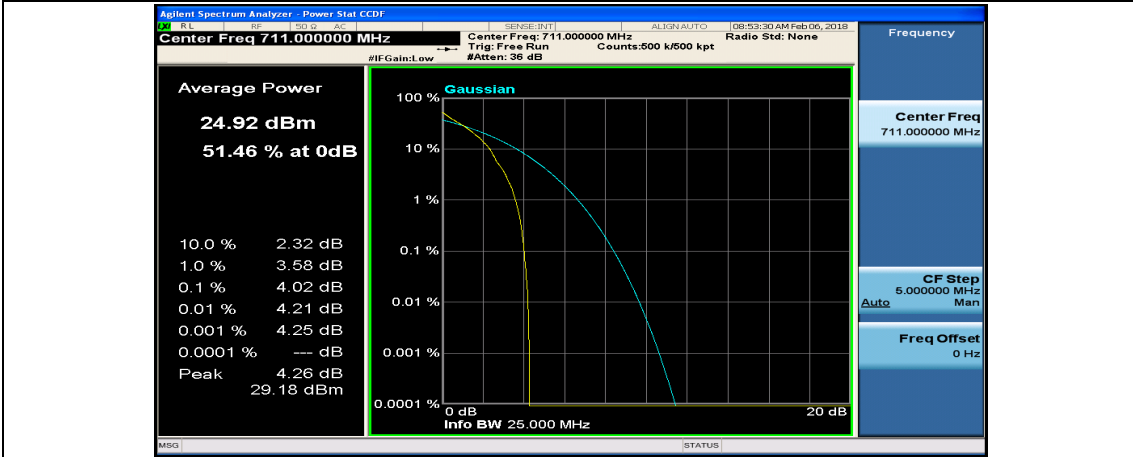


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

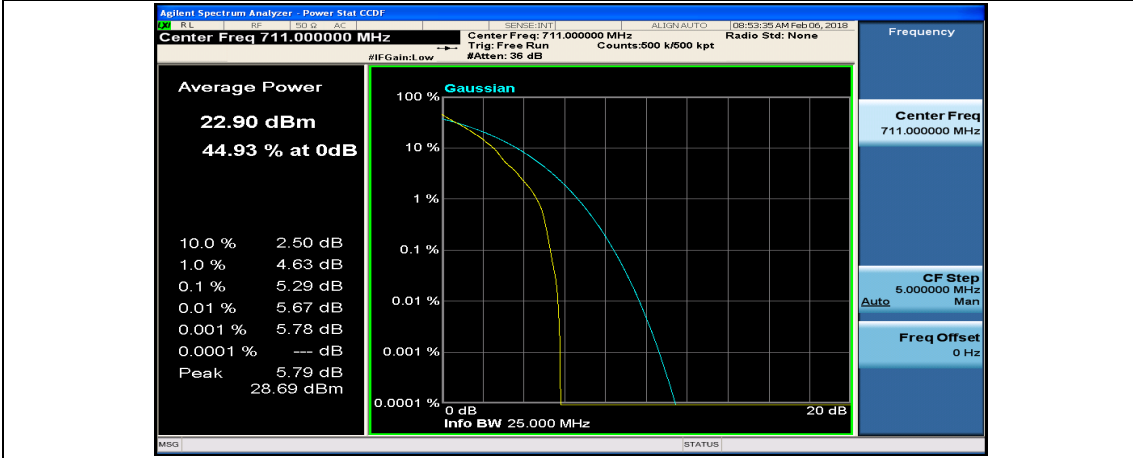


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

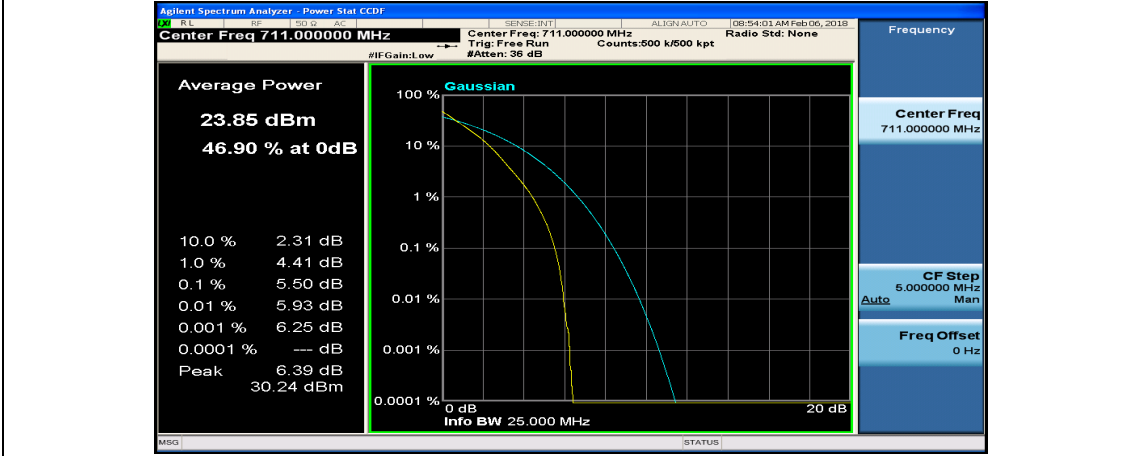




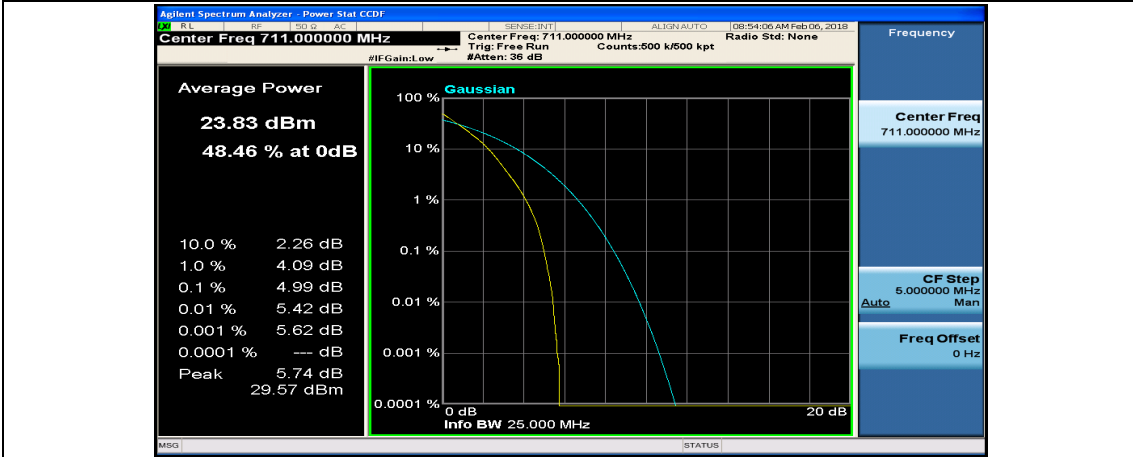
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



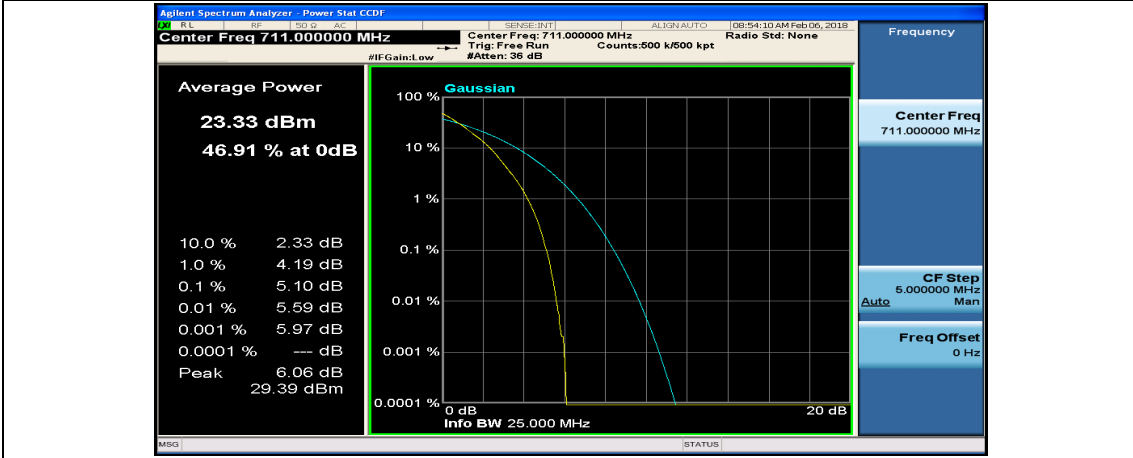
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



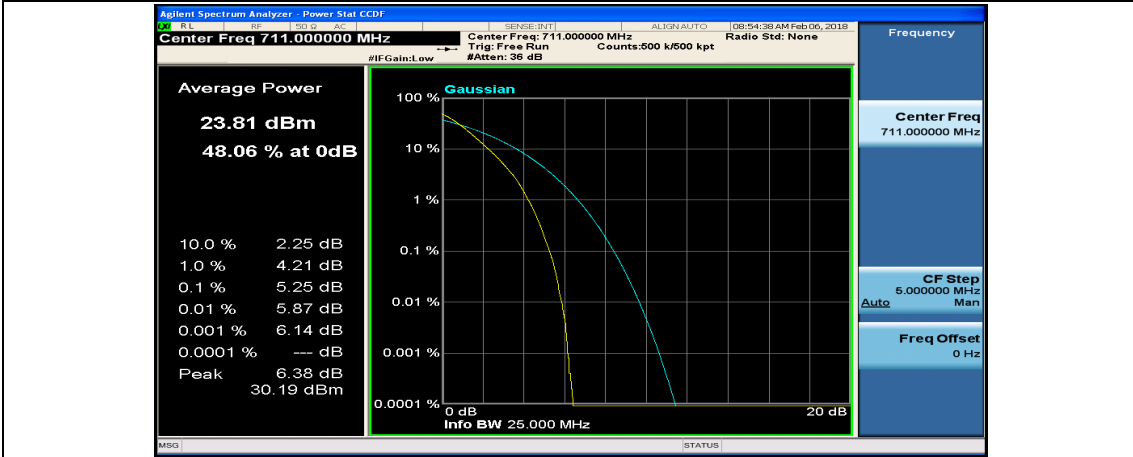
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



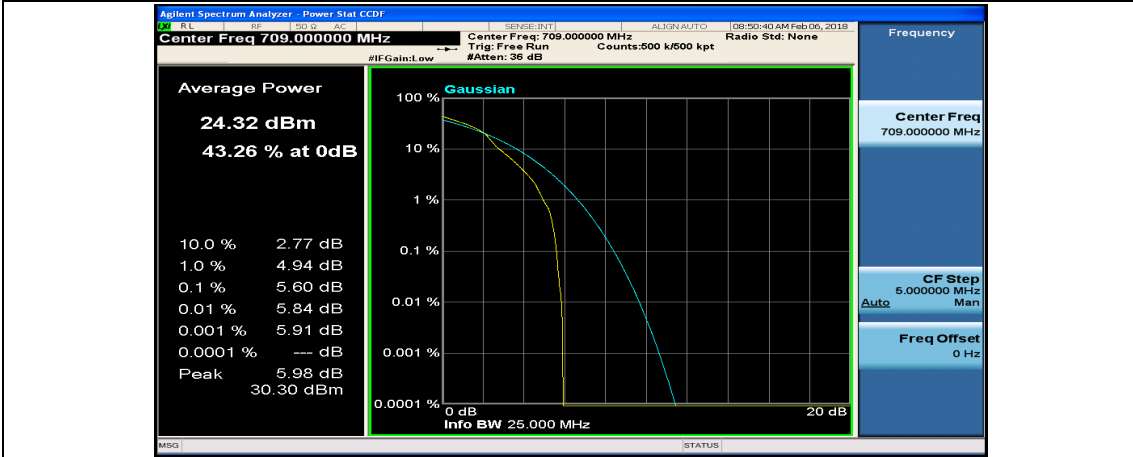
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



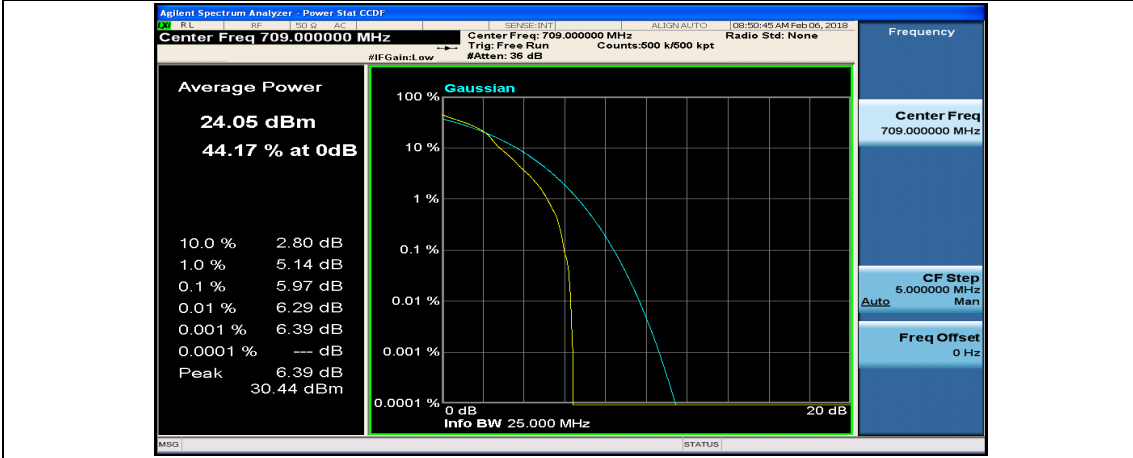
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



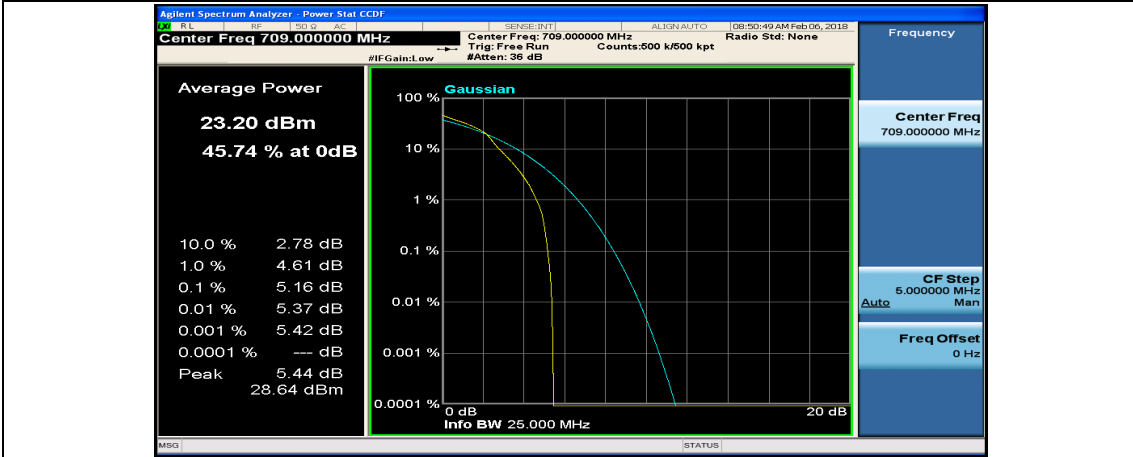
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



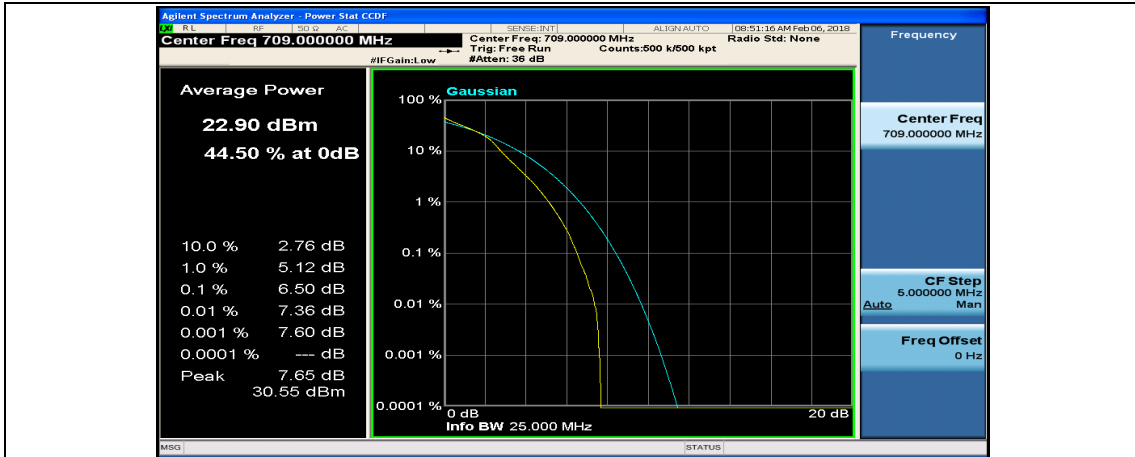
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



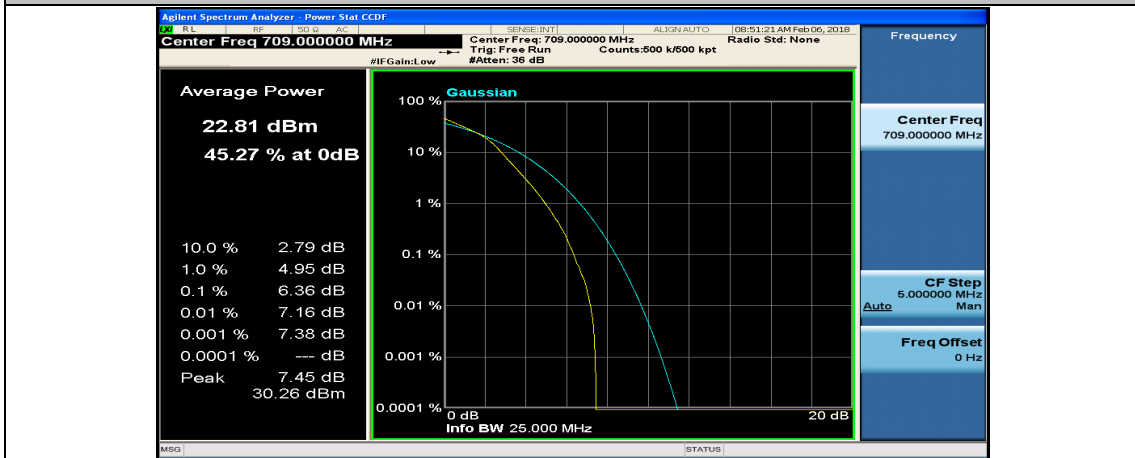
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



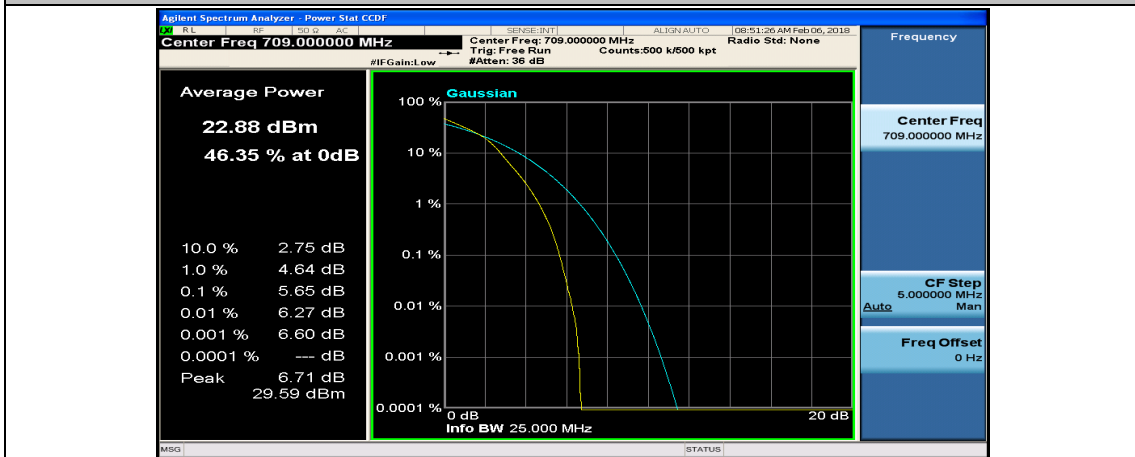
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



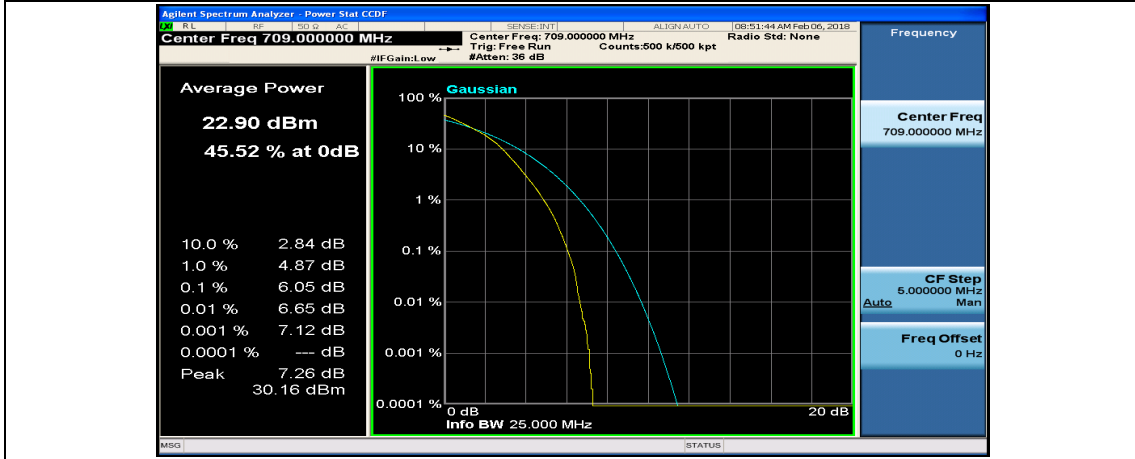
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



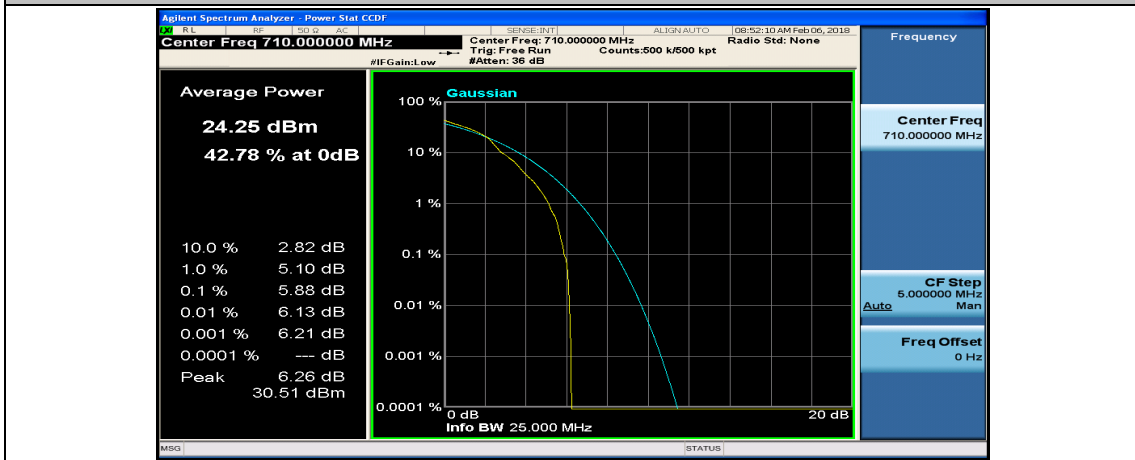
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



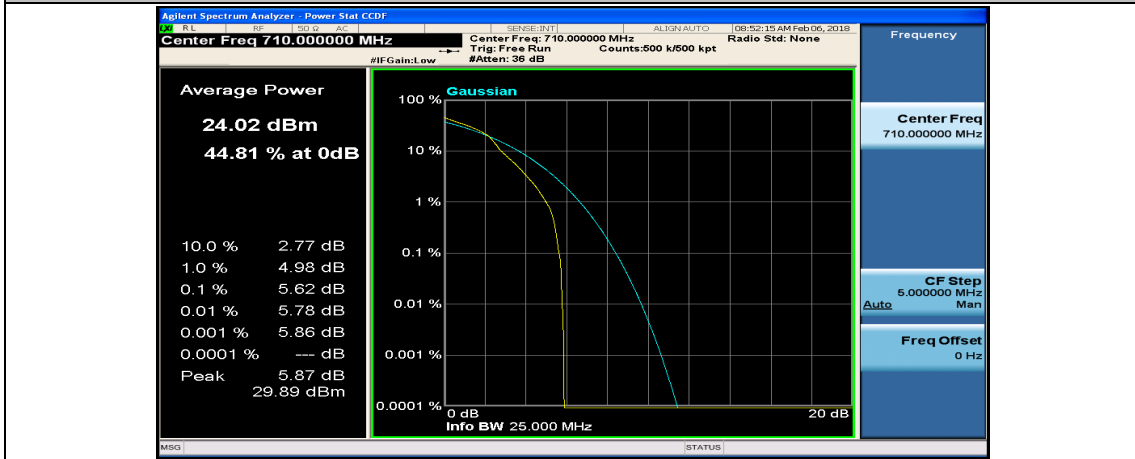
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



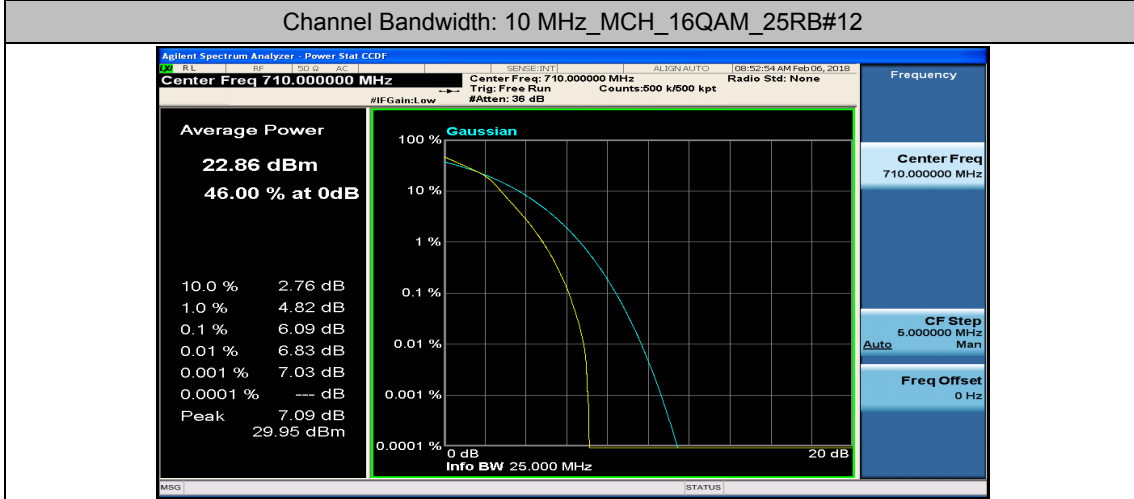
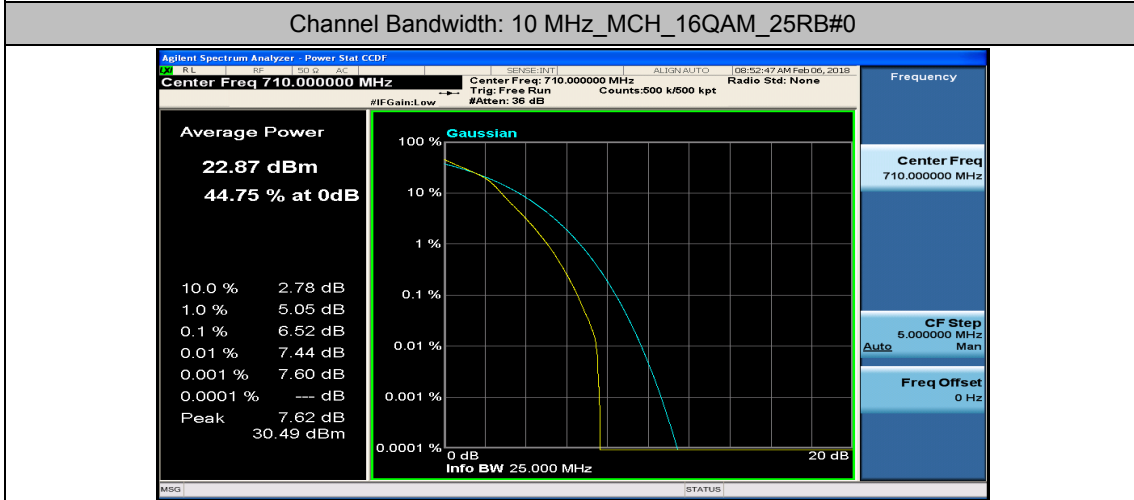
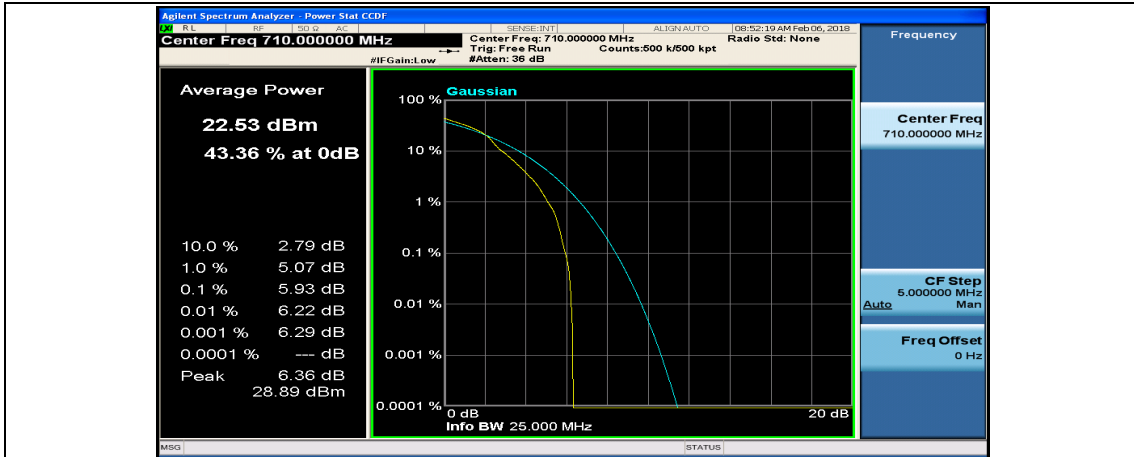
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

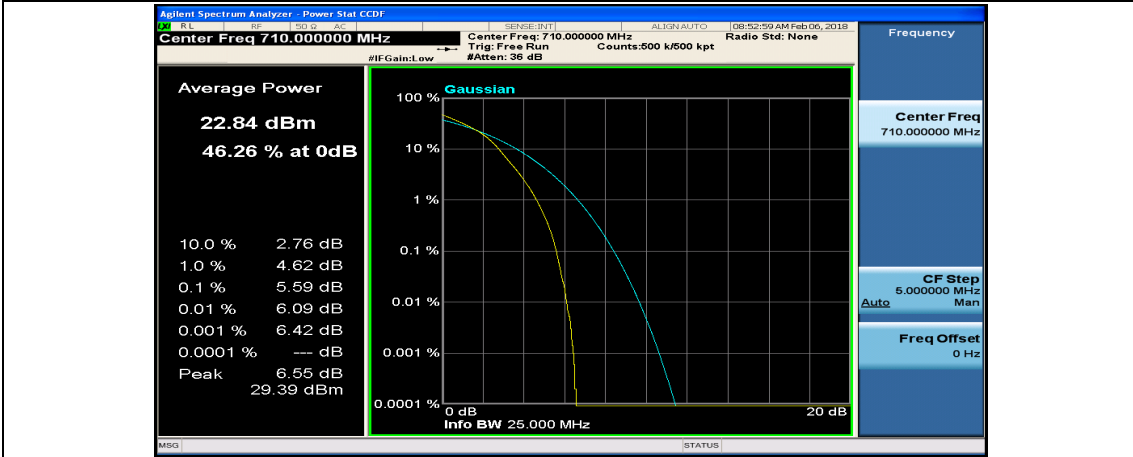


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

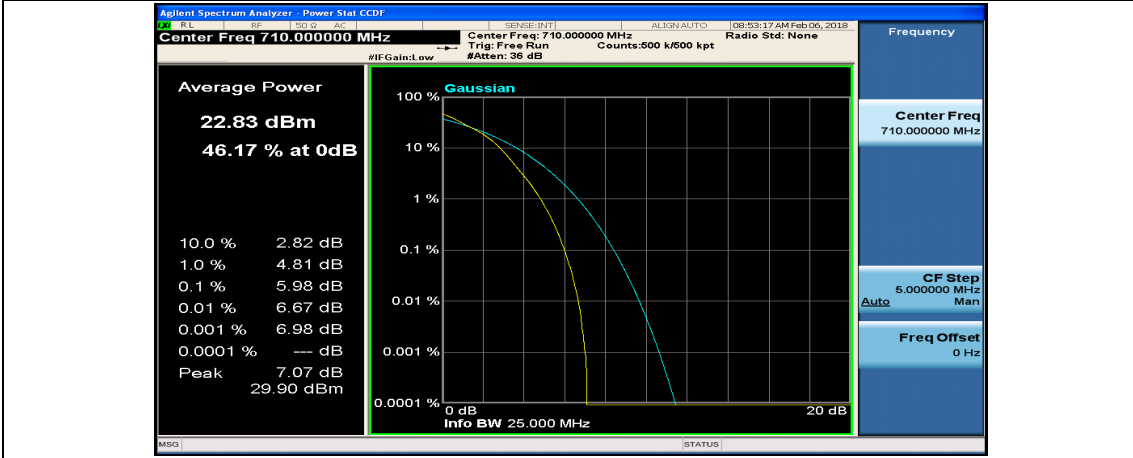


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

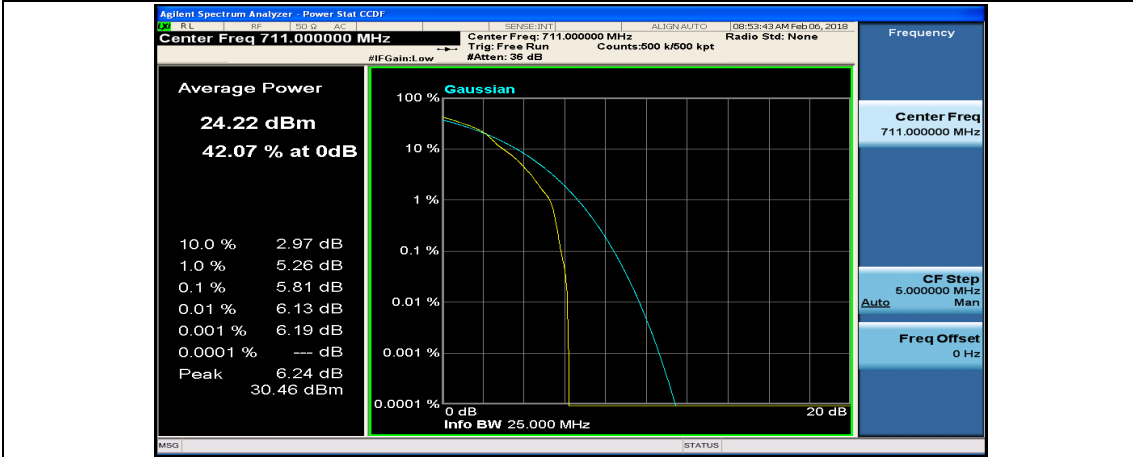




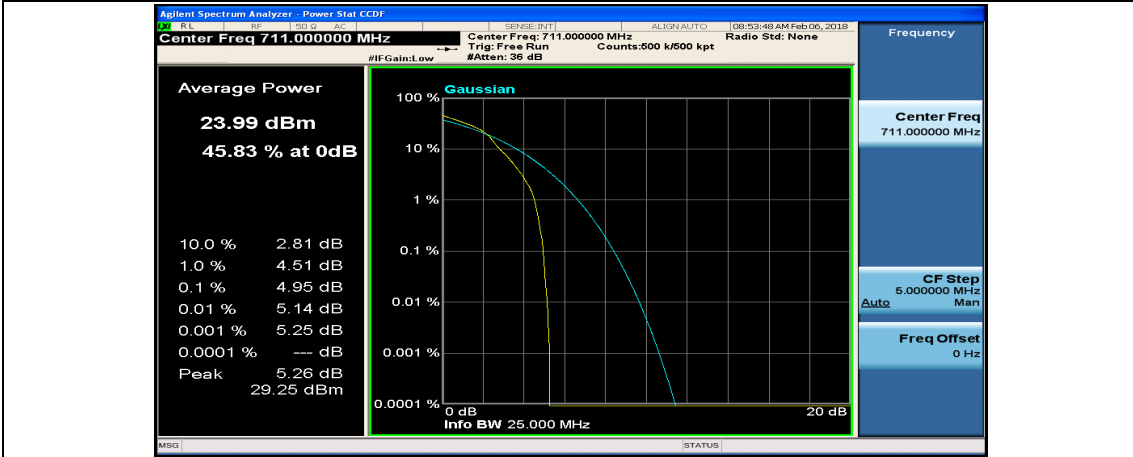
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



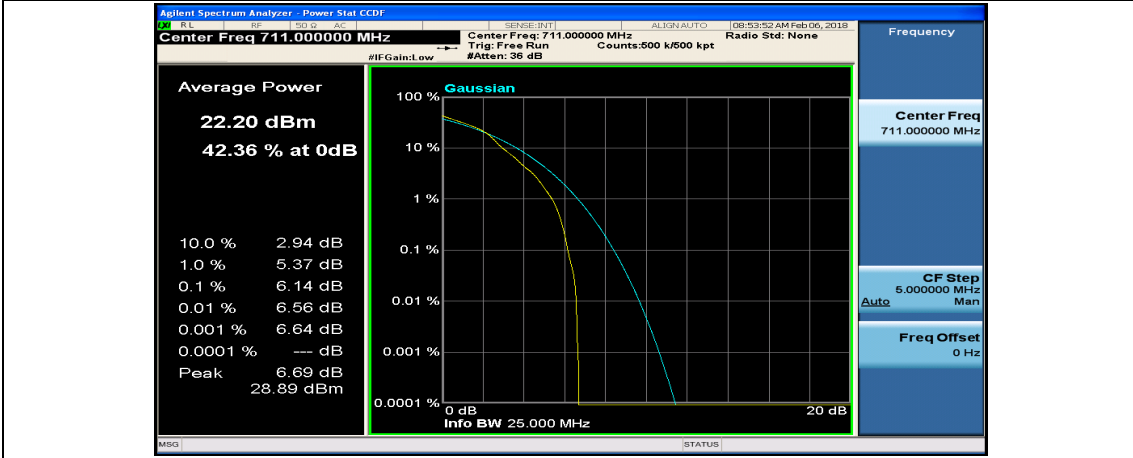
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



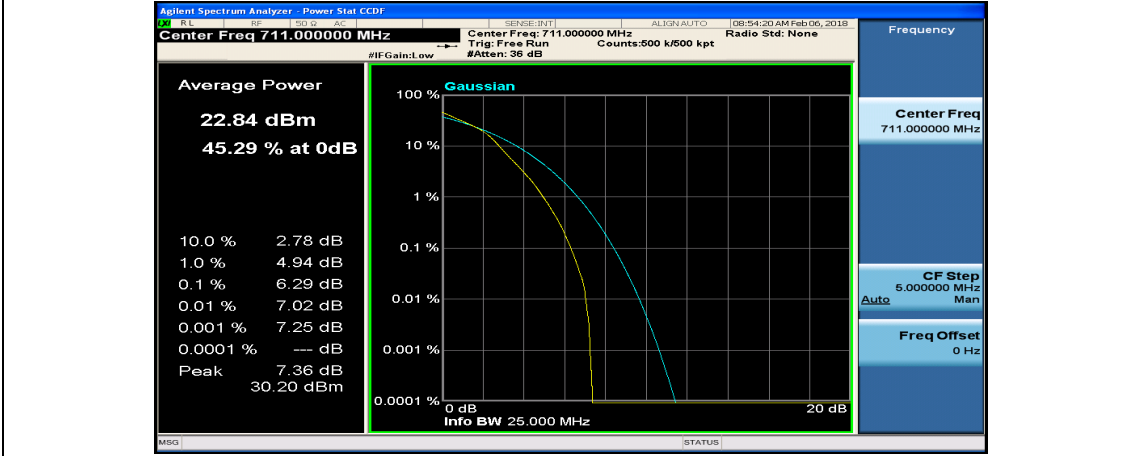
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



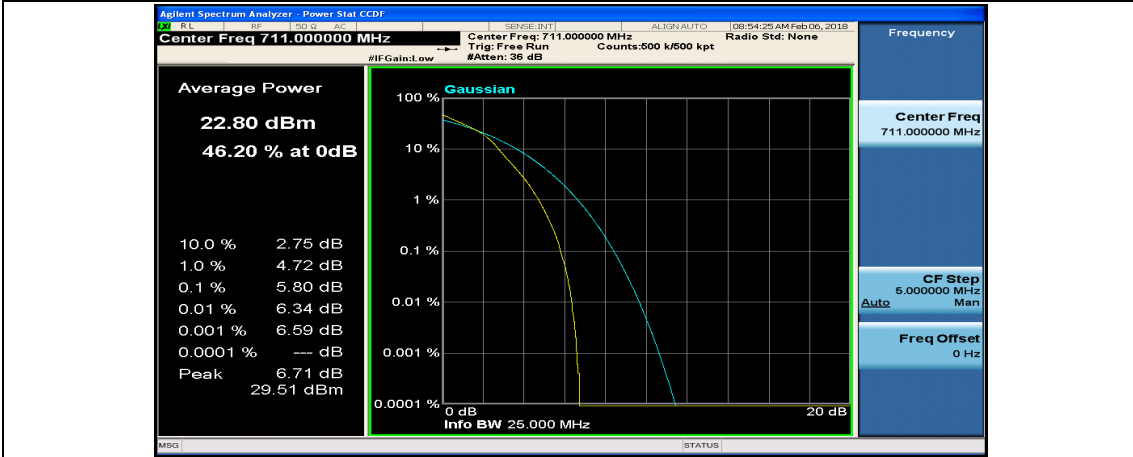
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



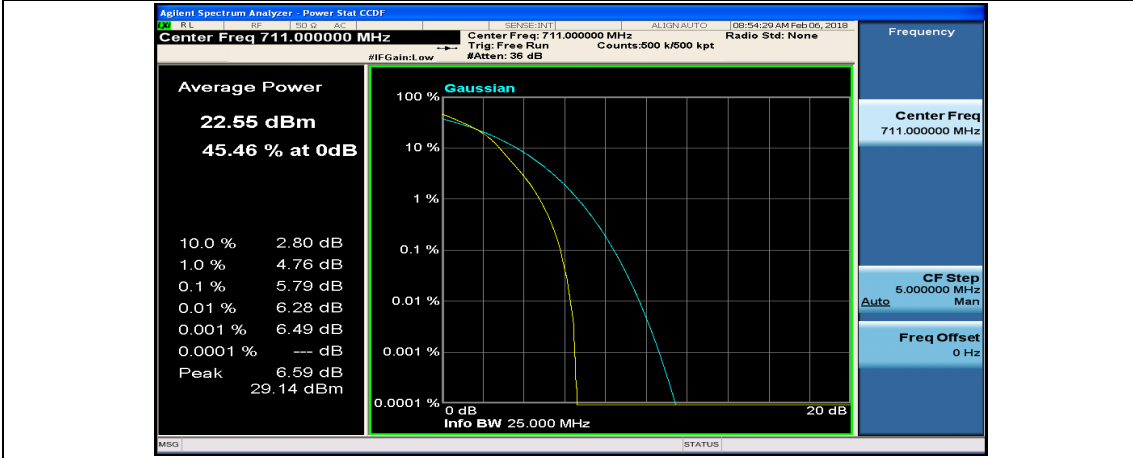
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



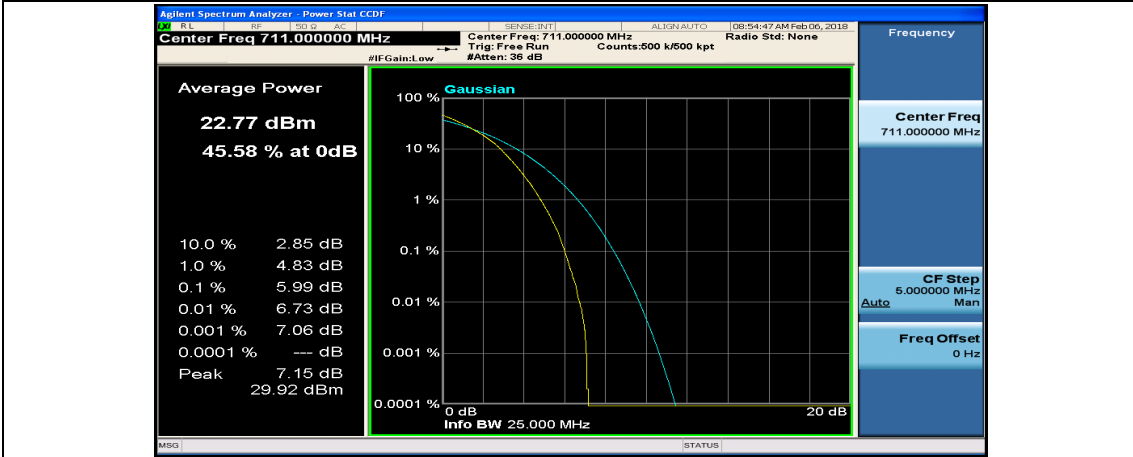
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



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

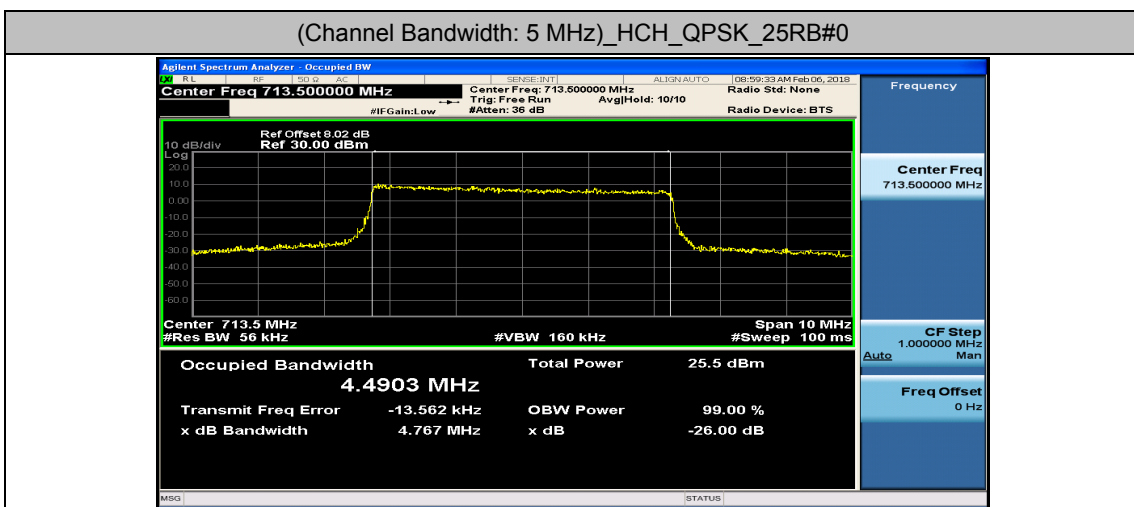
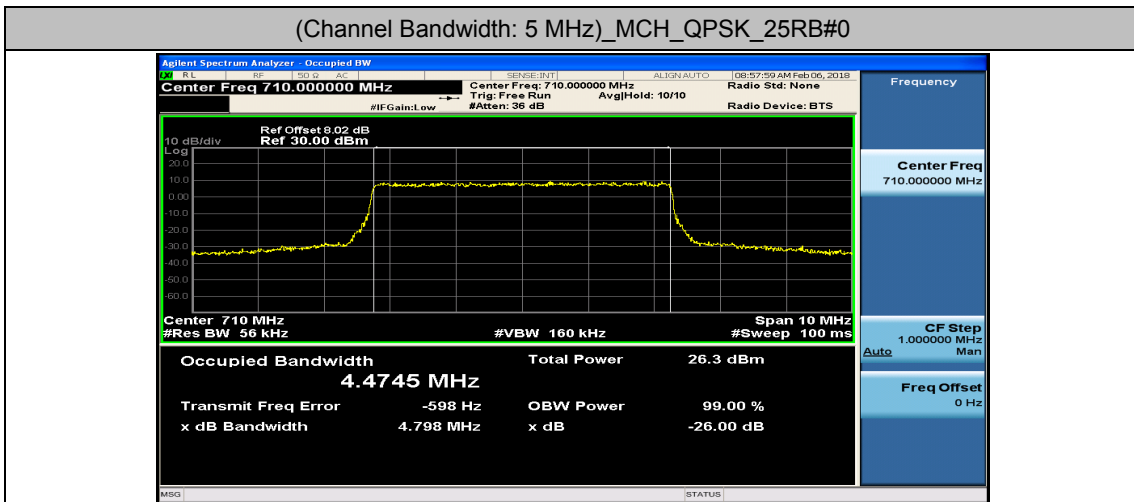
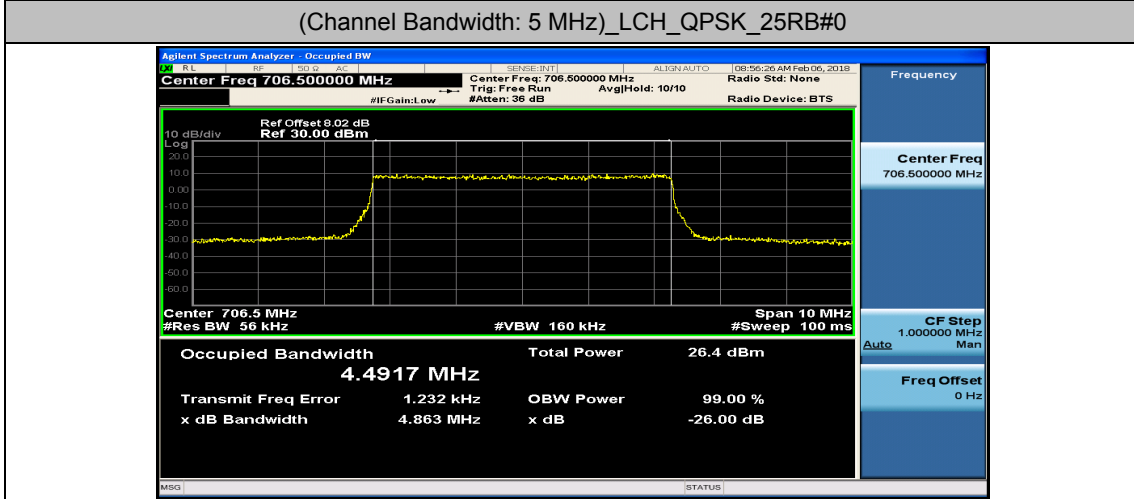
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4917	4.863	PASS
	MCH	25	0	4.4745	4.798	PASS
	HCH	25	0	4.4903	4.767	PASS
16QAM	LCH	25	0	4.4878	4.795	PASS
	MCH	25	0	4.4743	4.819	PASS
	HCH	25	0	4.4844	4.771	PASS

Channel Bandwidth: 10 MHz

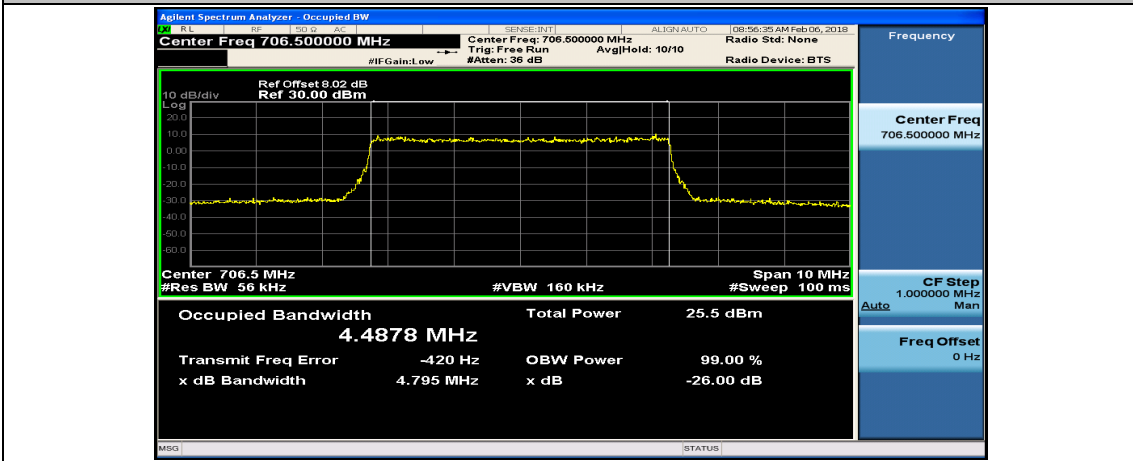
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9298	9.472	PASS
	MCH	50	0	8.9081	9.469	PASS
	HCH	50	0	8.8965	9.389	PASS
16QAM	LCH	50	0	8.9245	9.379	PASS
	MCH	50	0	8.9110	9.370	PASS
	HCH	50	0	8.9049	9.370	PASS

Test Graphs

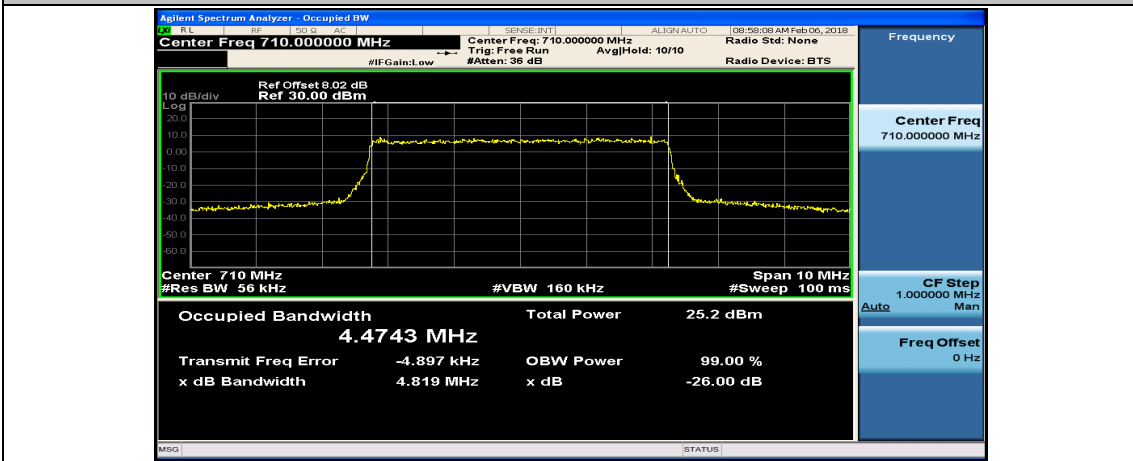
Channel Bandwidth: 5 MHz



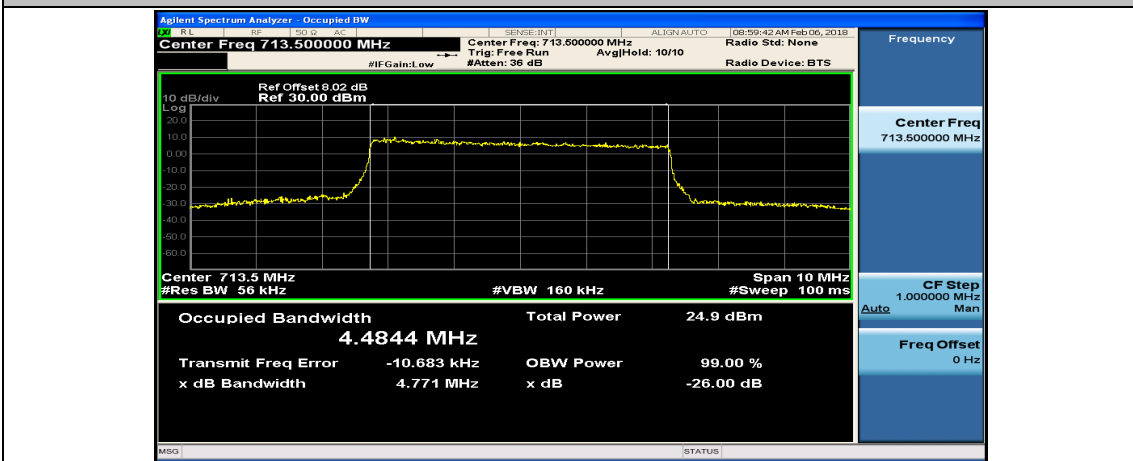
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

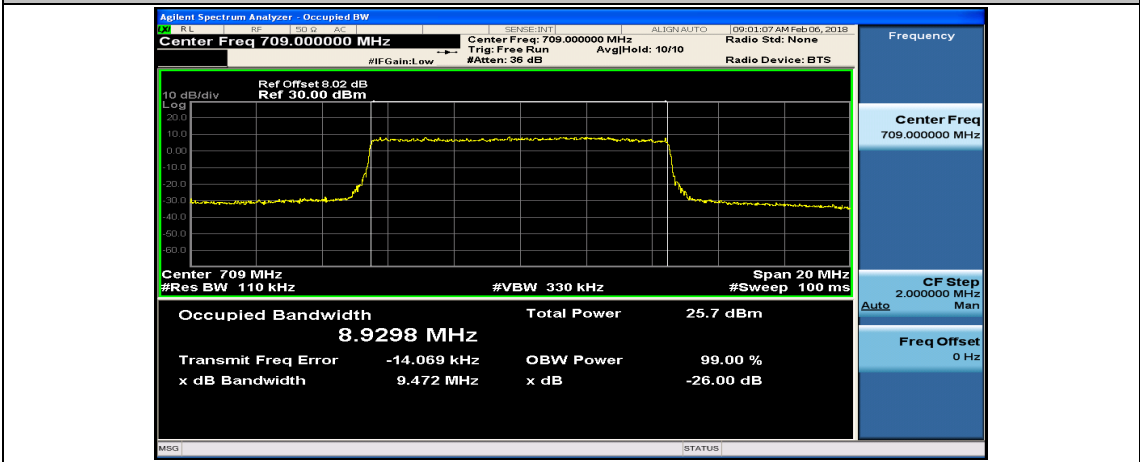


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

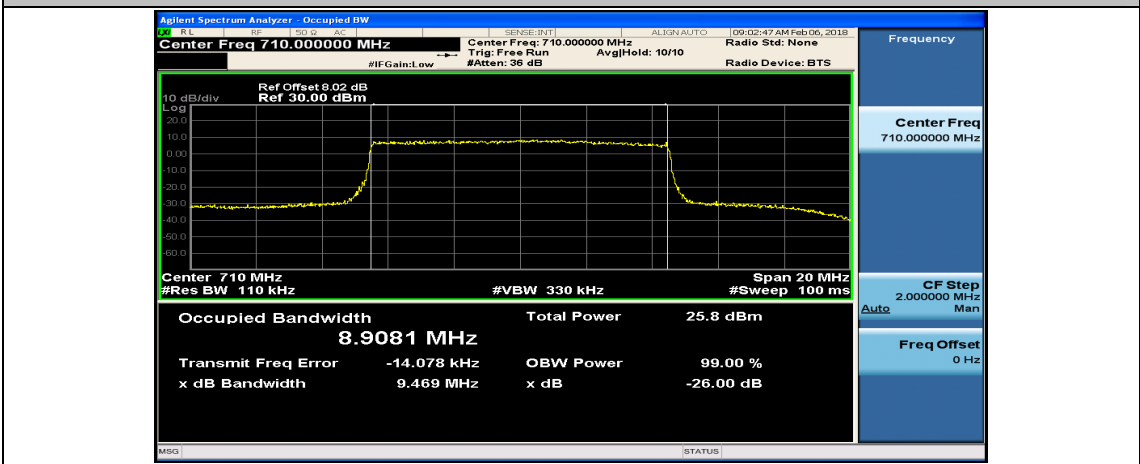


Channel Bandwidth: 10 MHz

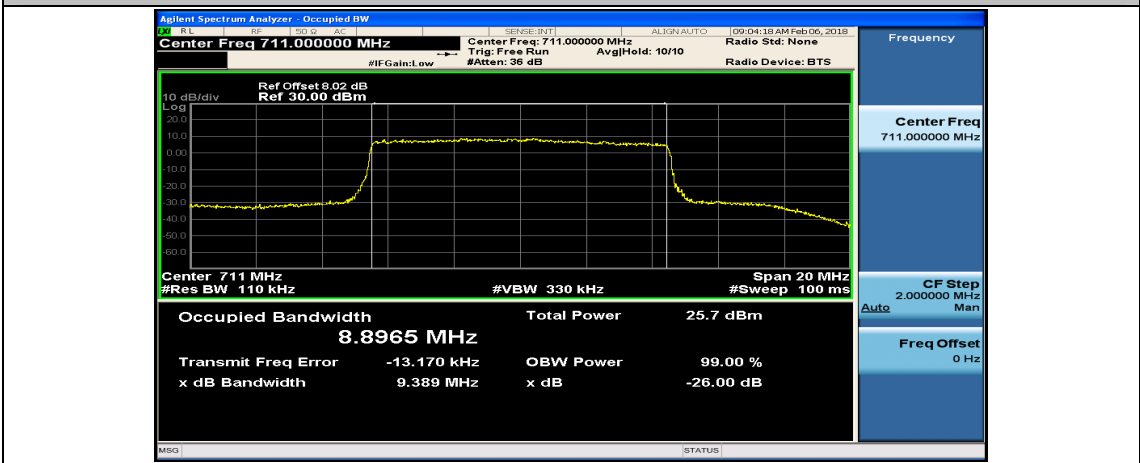
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



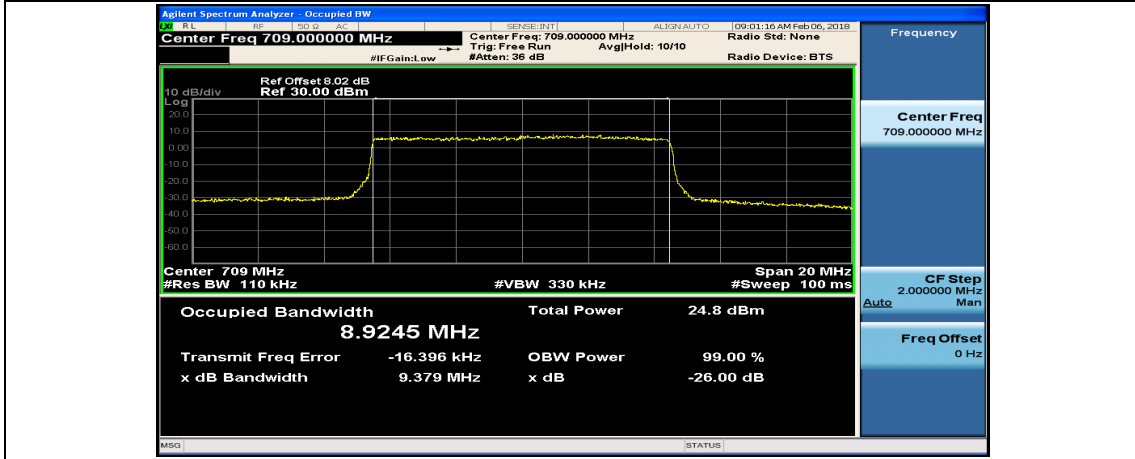
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



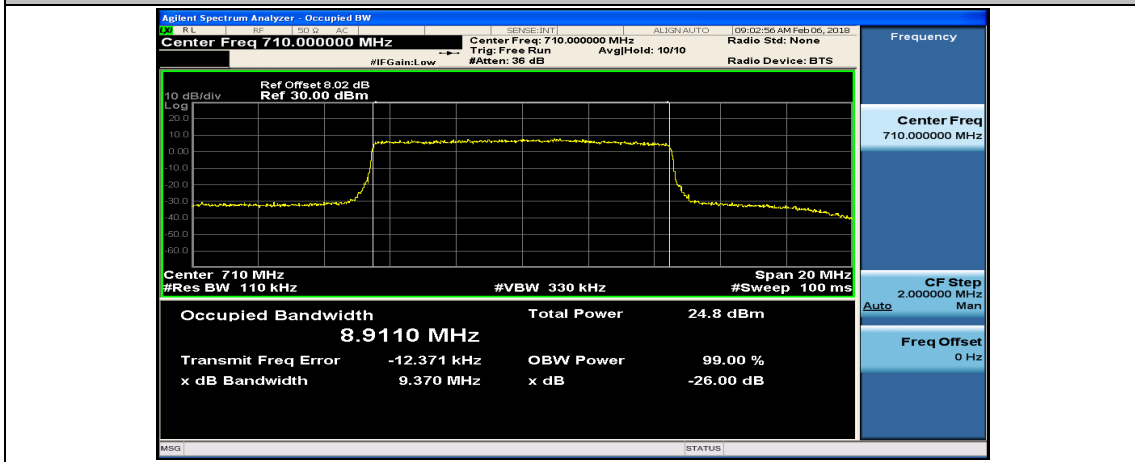
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



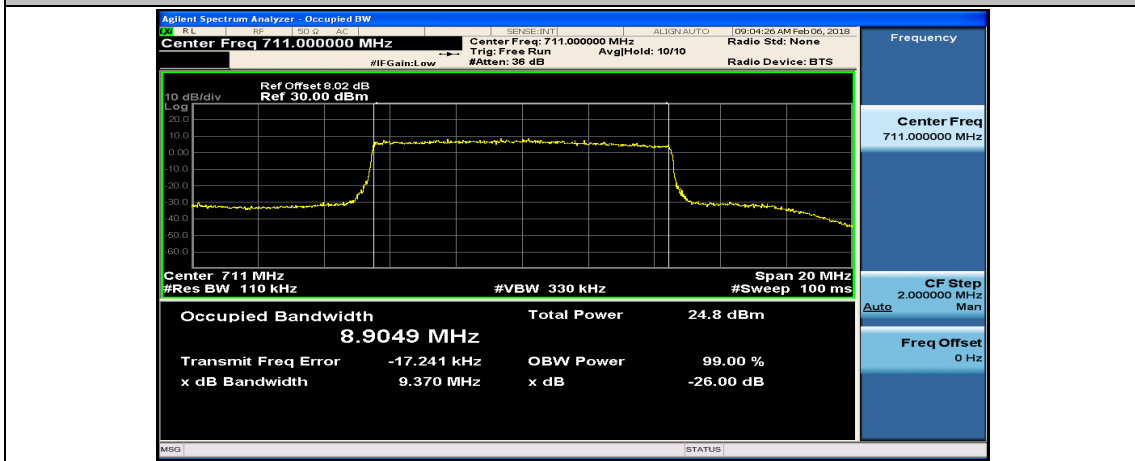
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



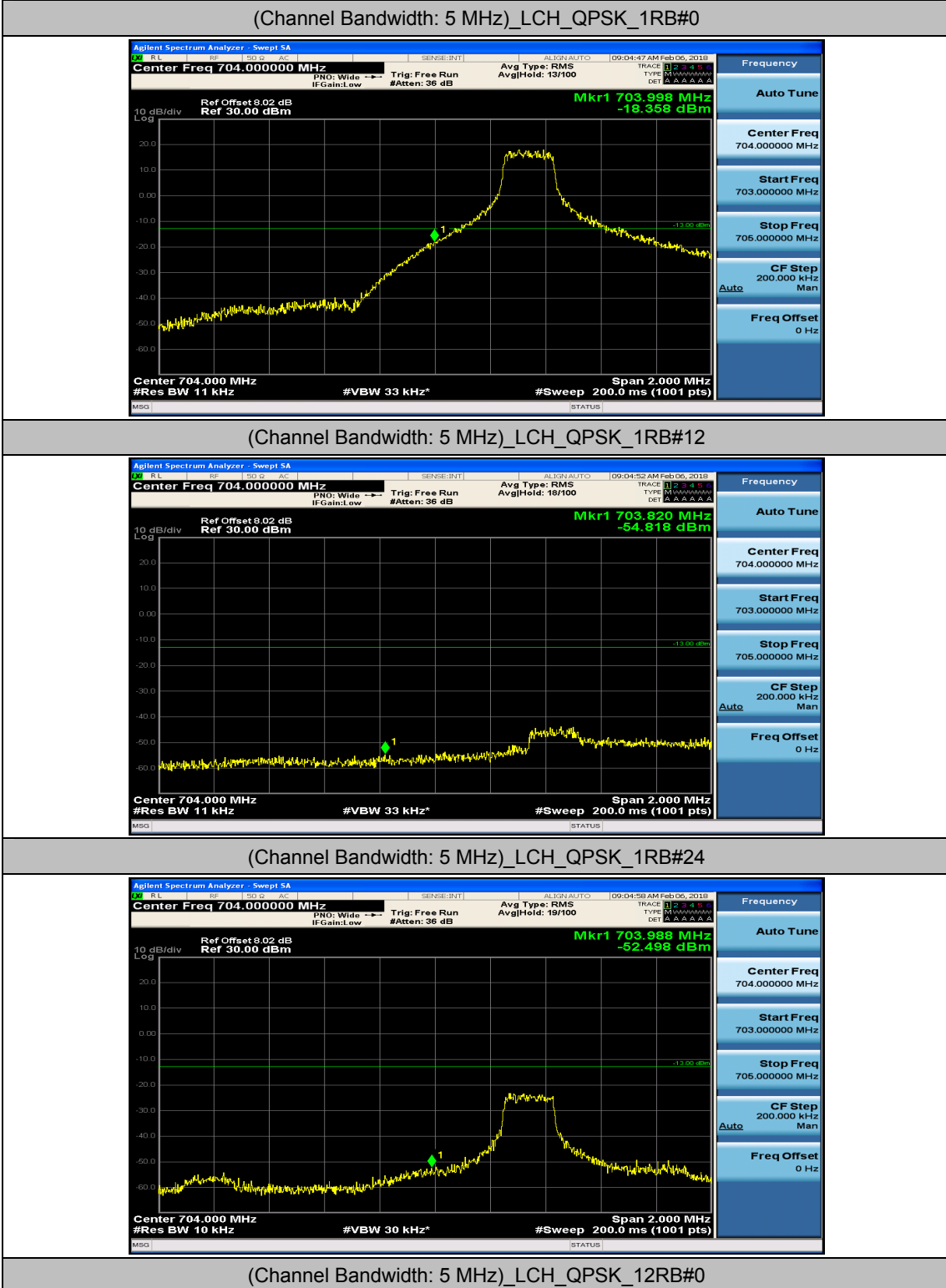
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

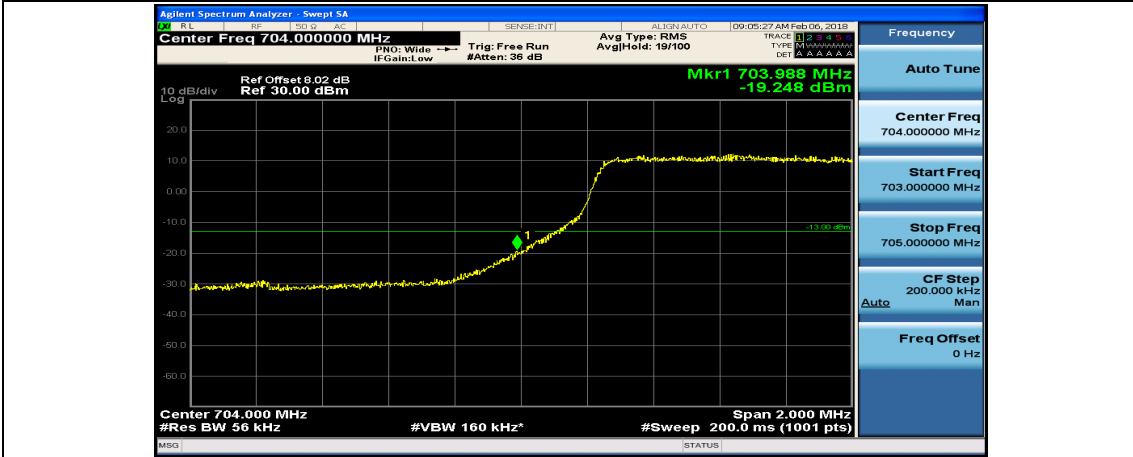


Appendix D: Band Edge

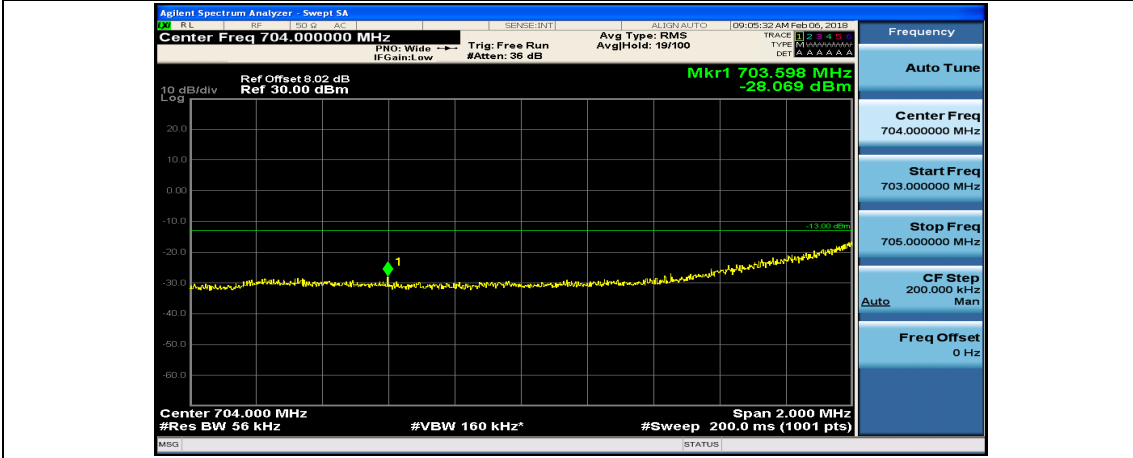
Test Graphs

Channel Bandwidth: 5 MHz

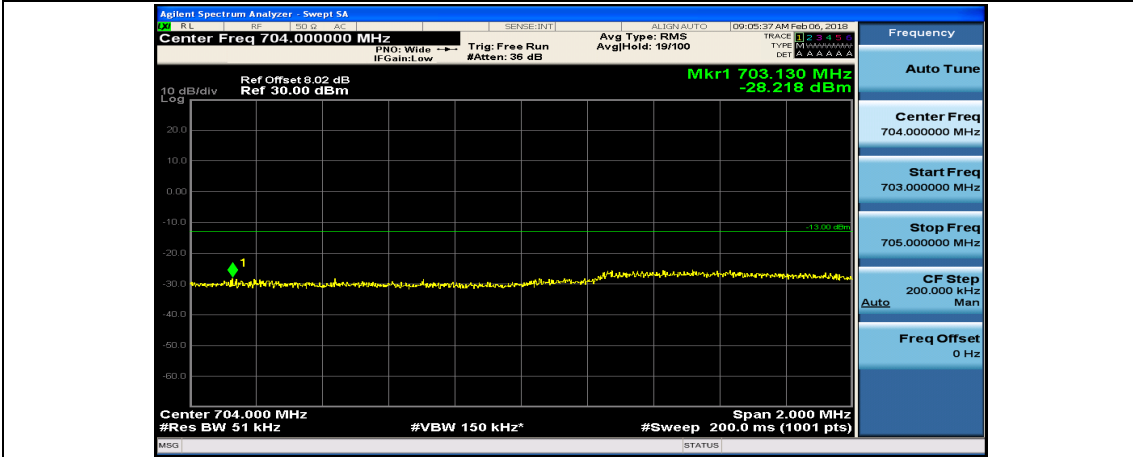




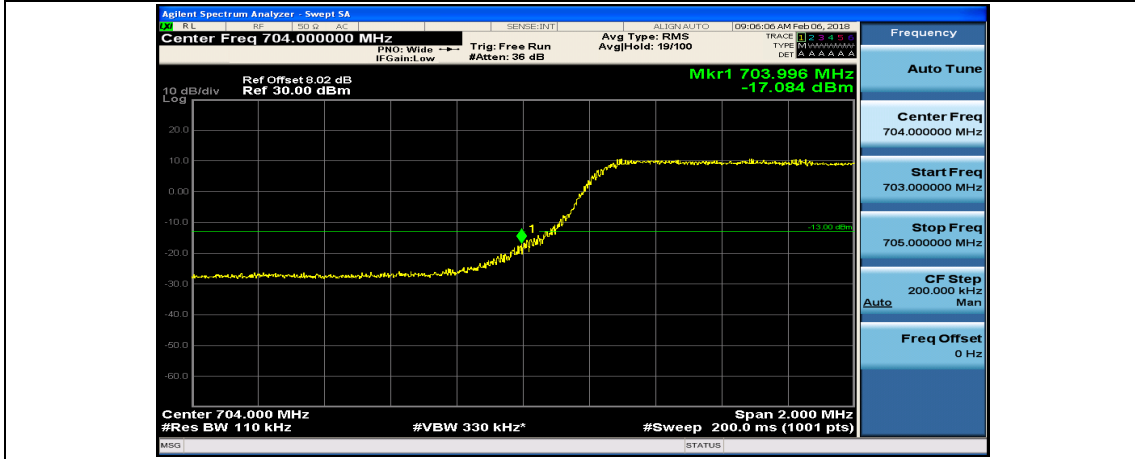
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



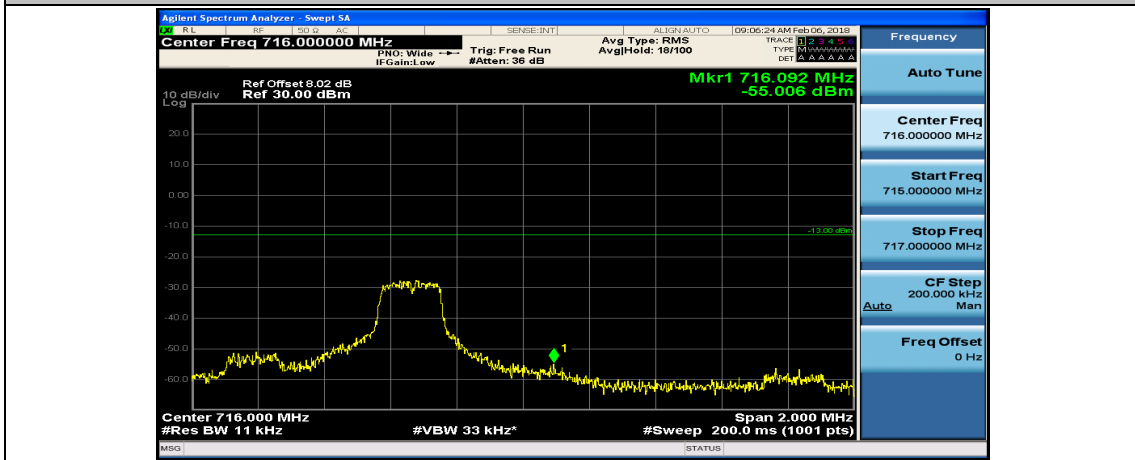
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



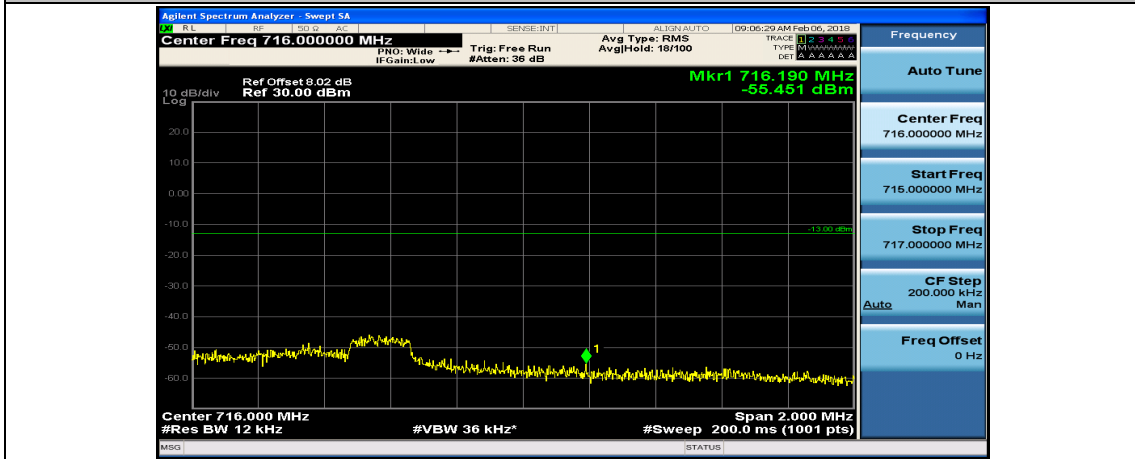
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



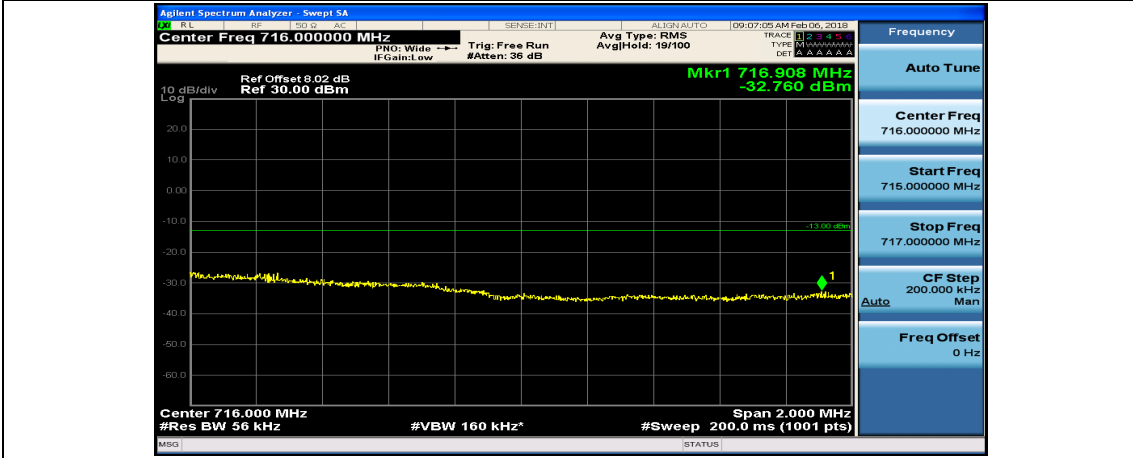
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



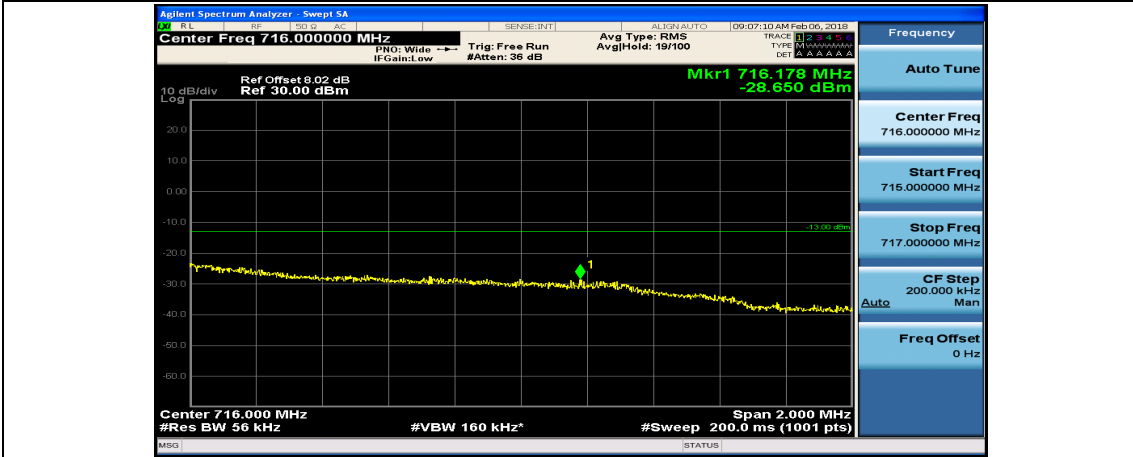
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



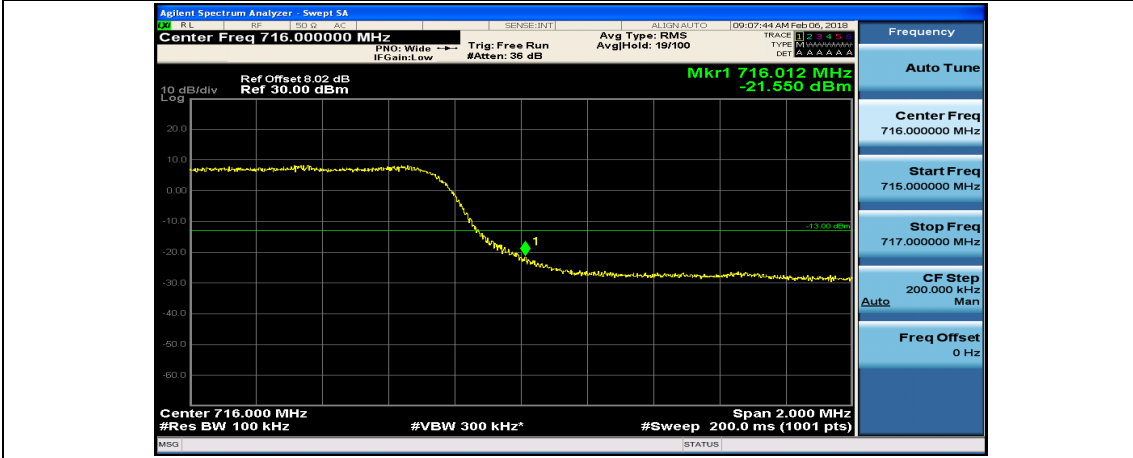
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



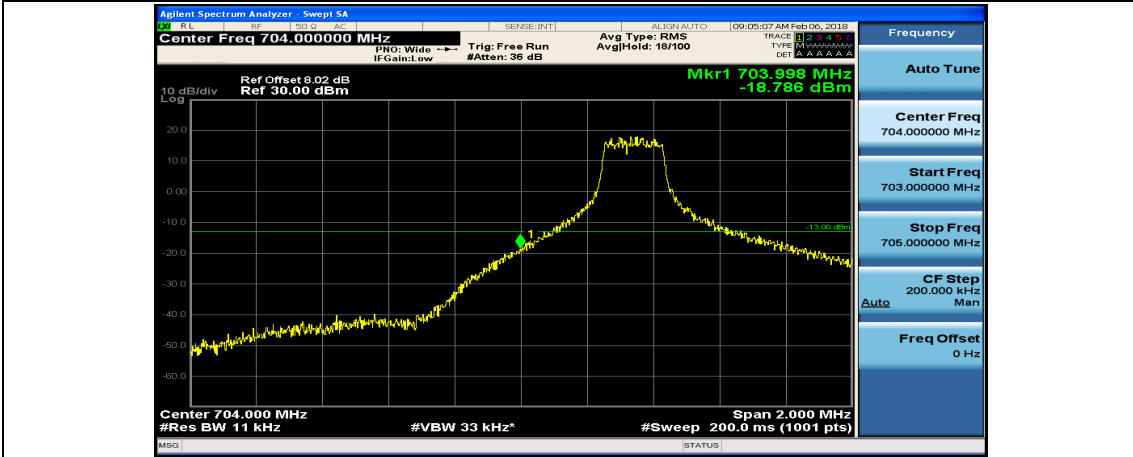
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



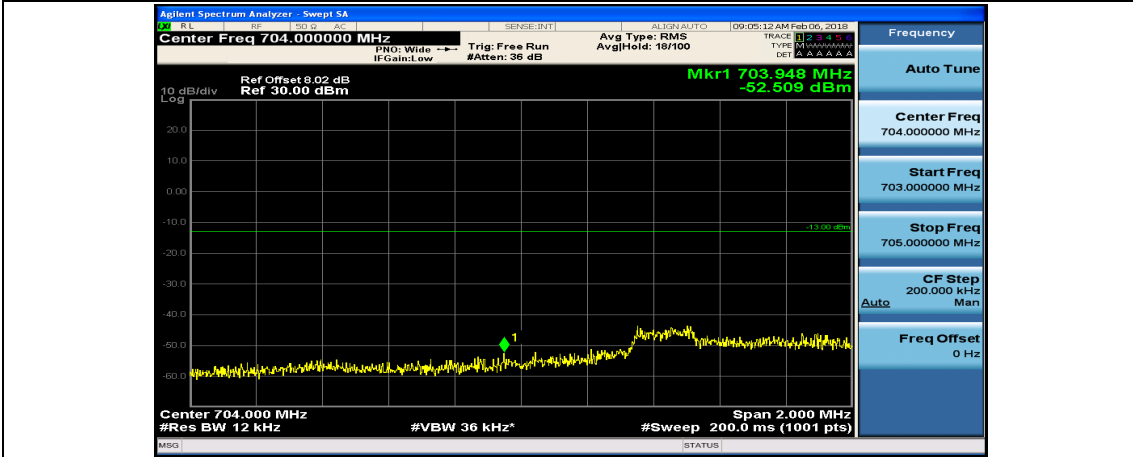
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



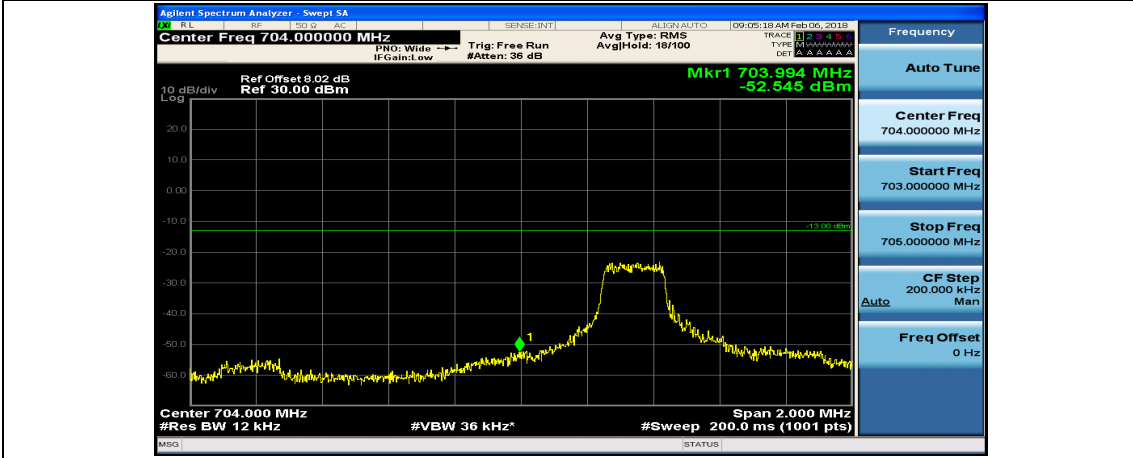
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



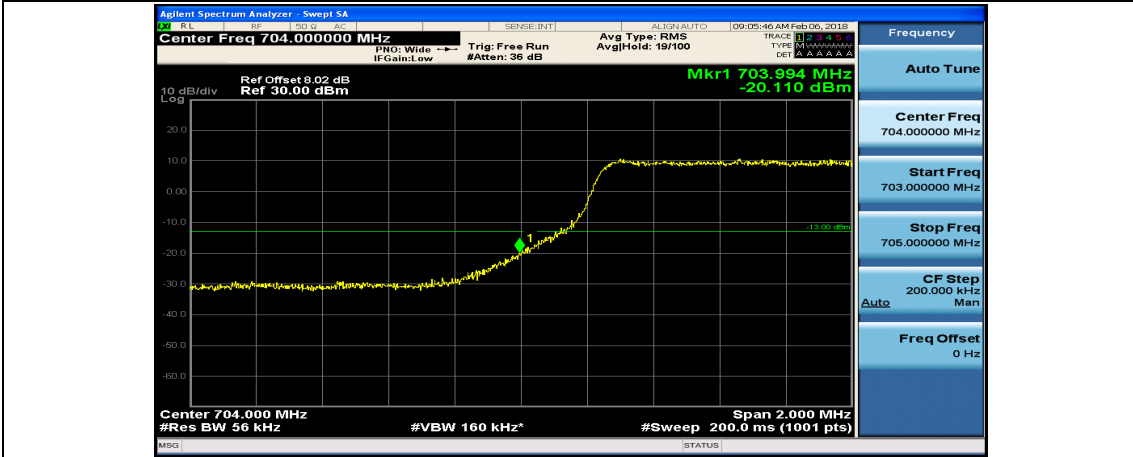
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



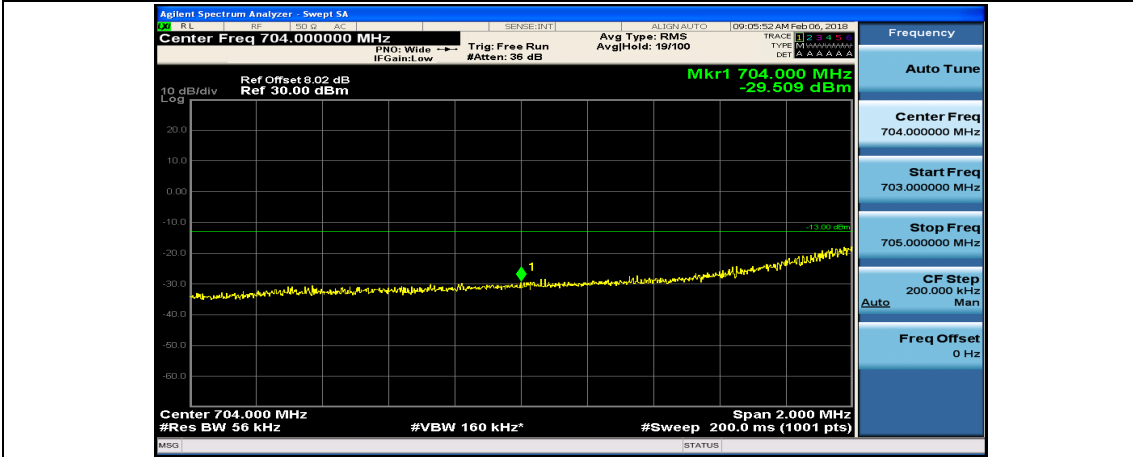
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



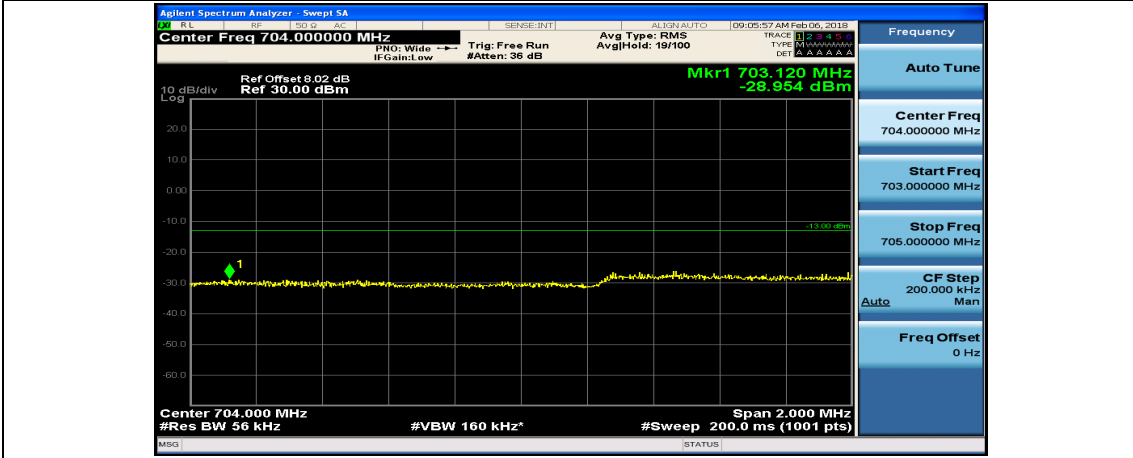
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



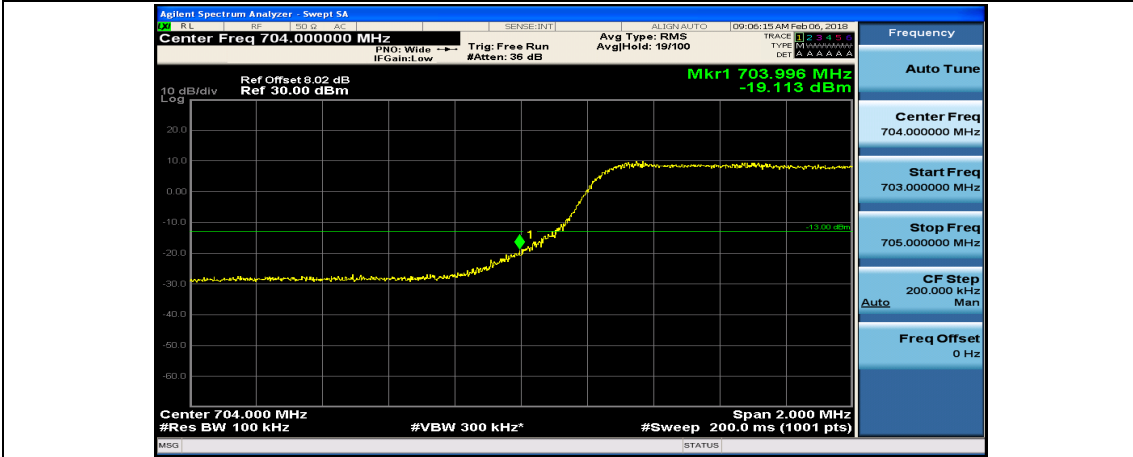
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



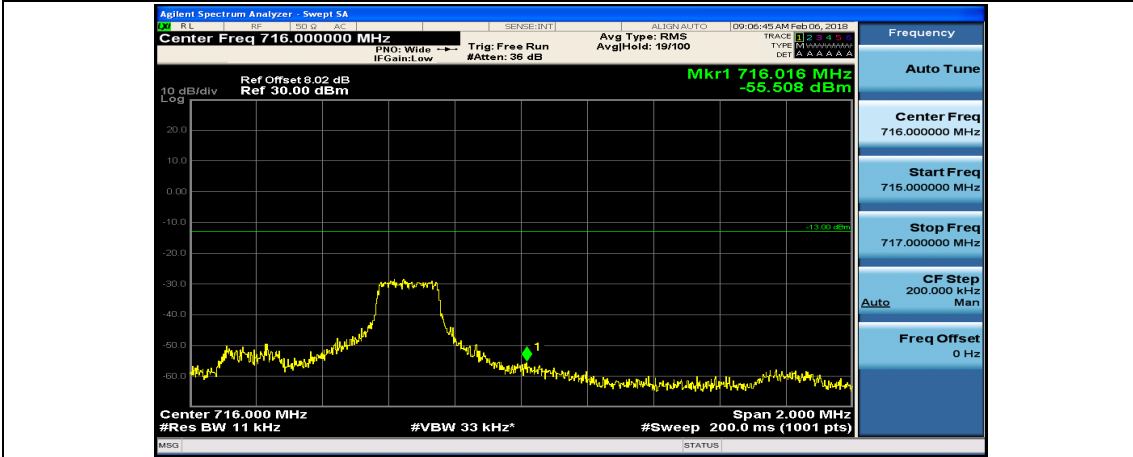
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



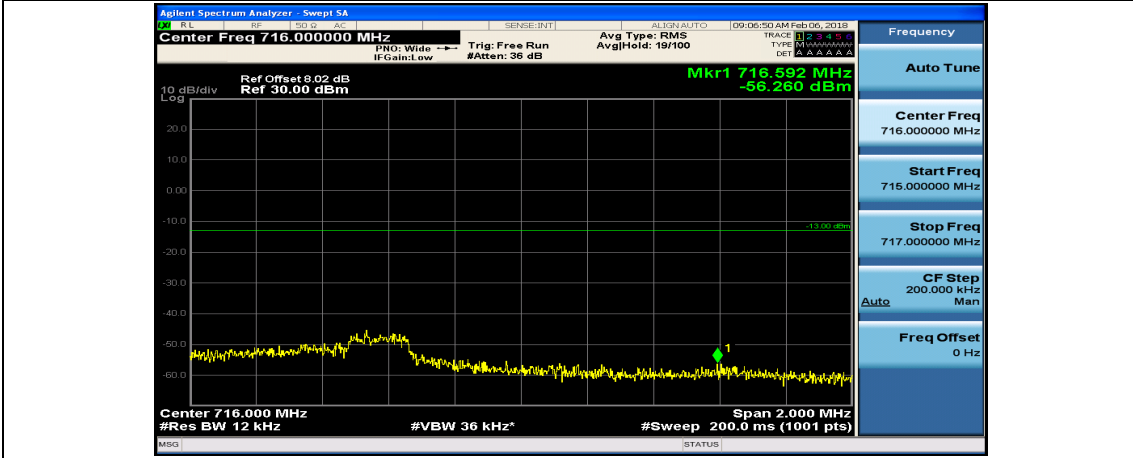
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



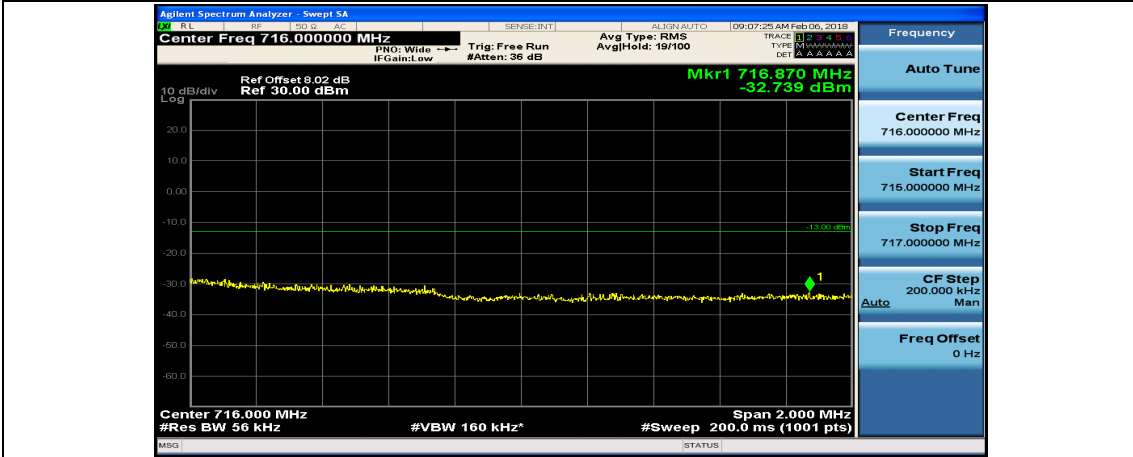
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



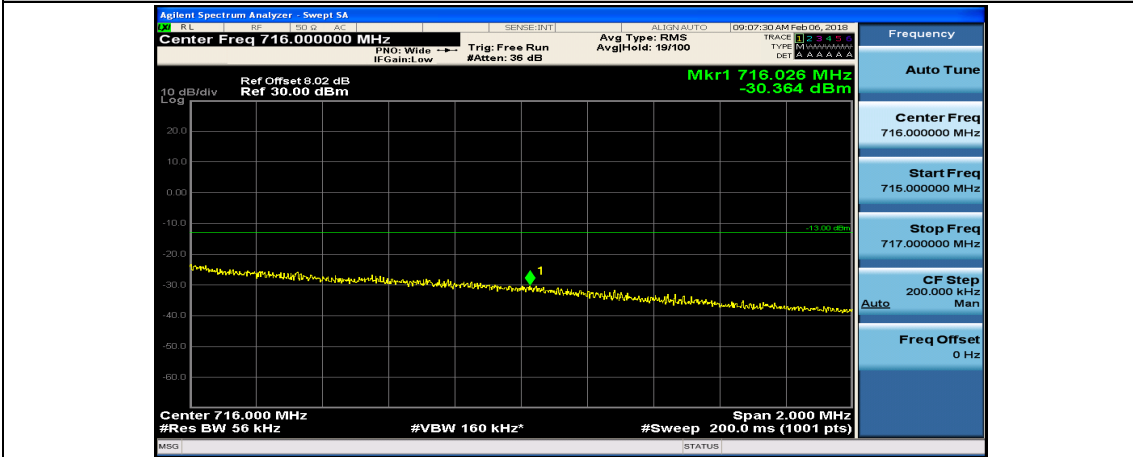
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



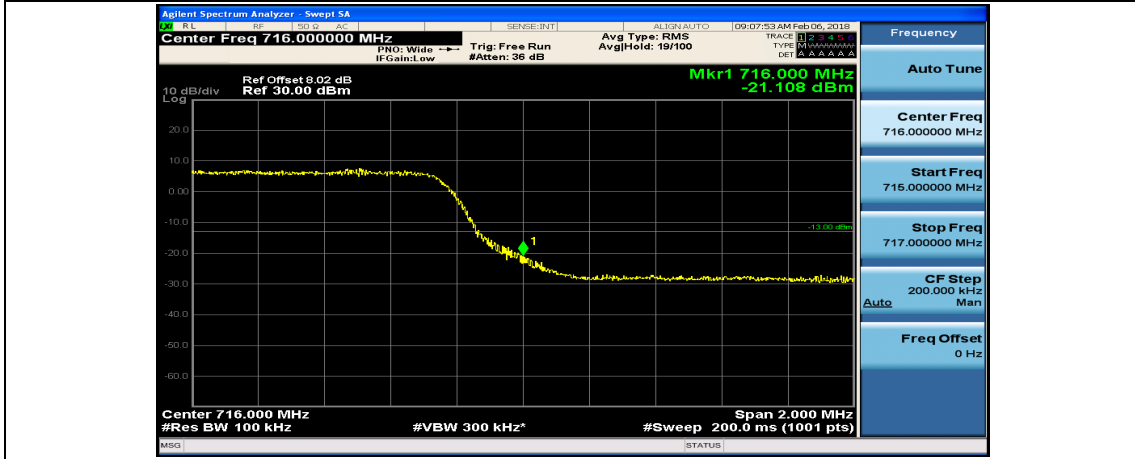
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



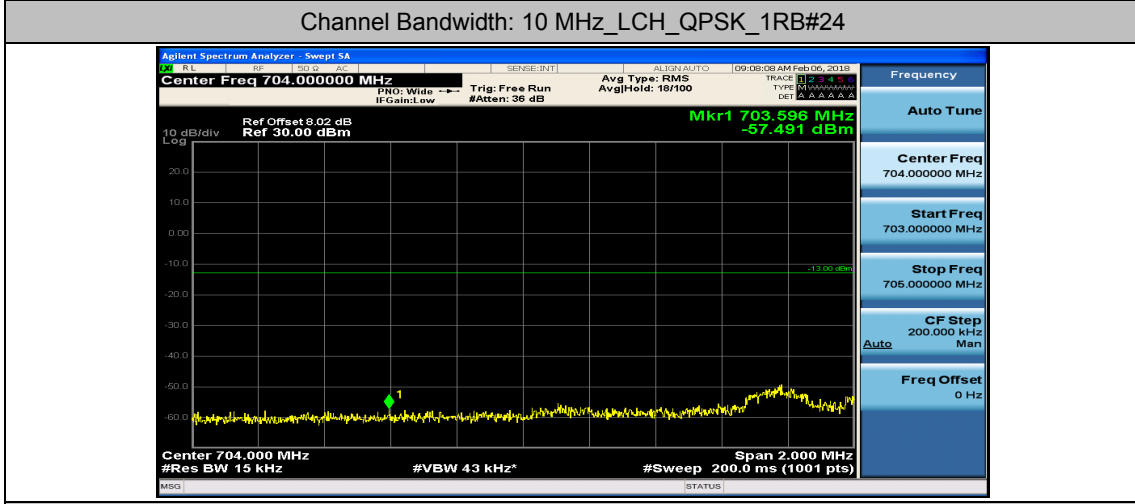
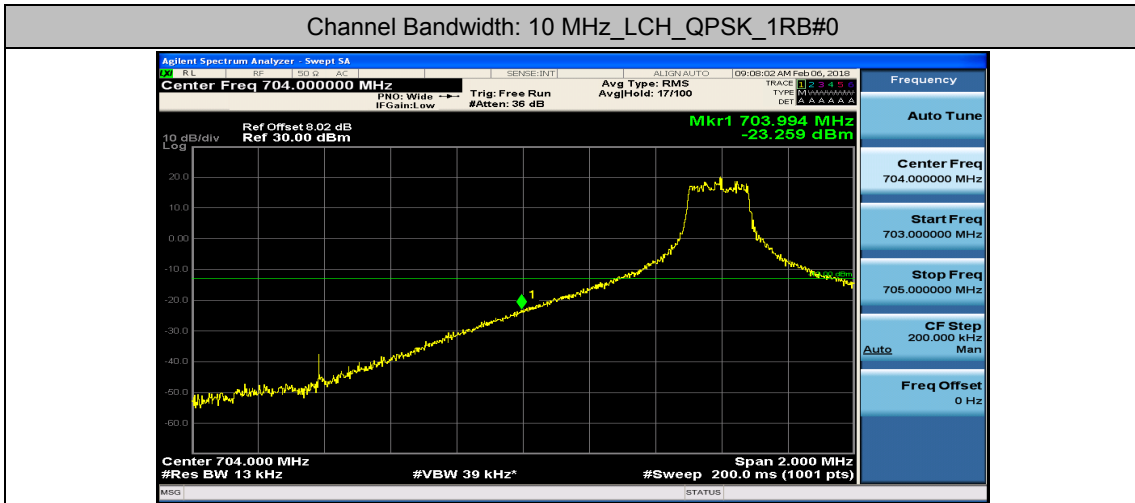
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



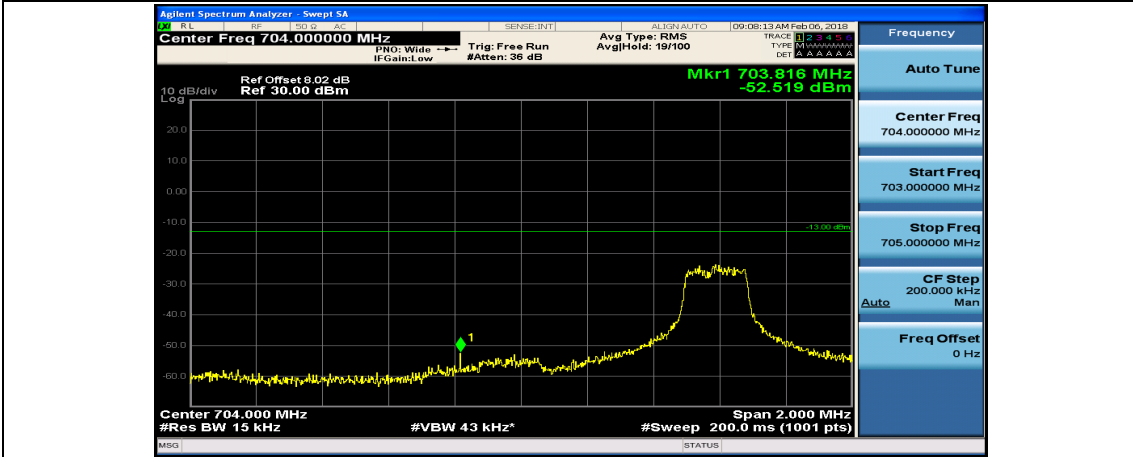
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



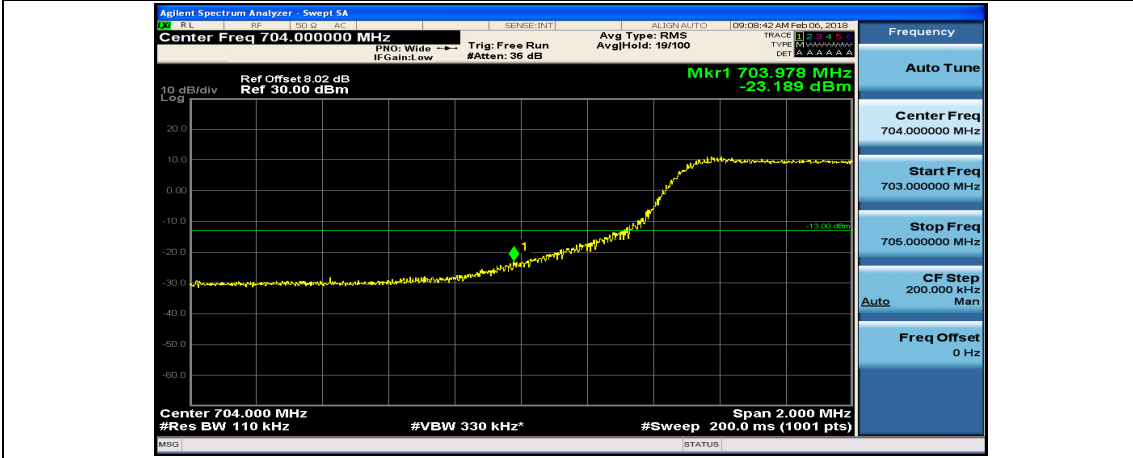
Channel Bandwidth: 10 MHz



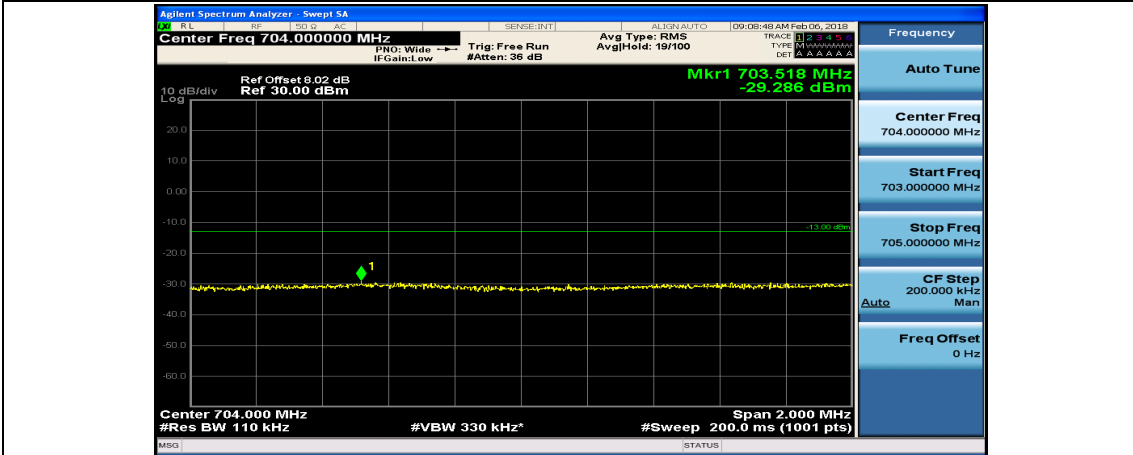
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



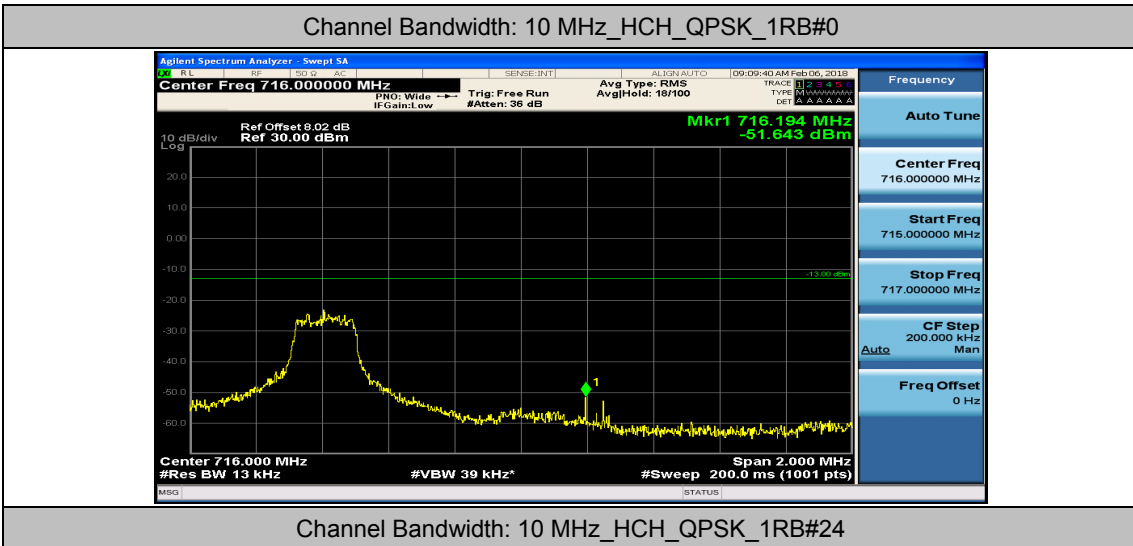
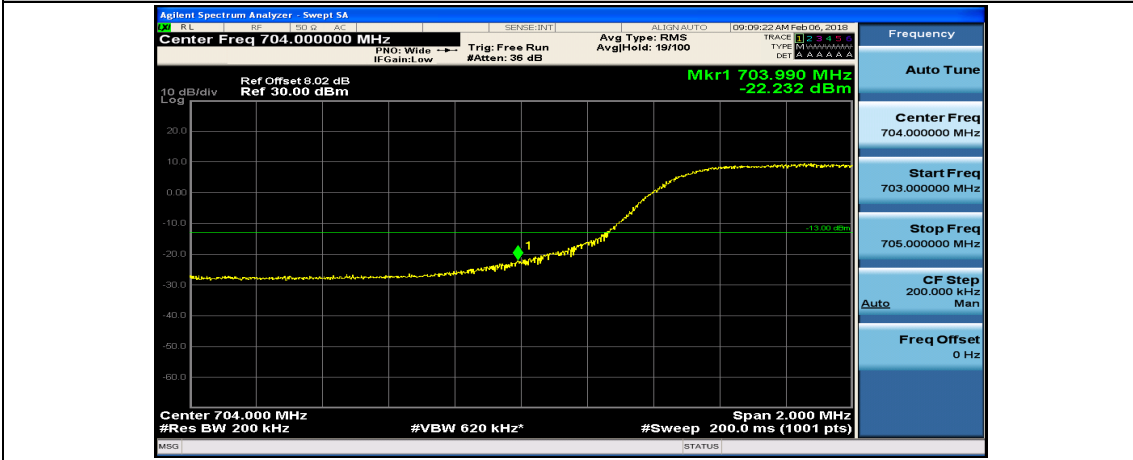
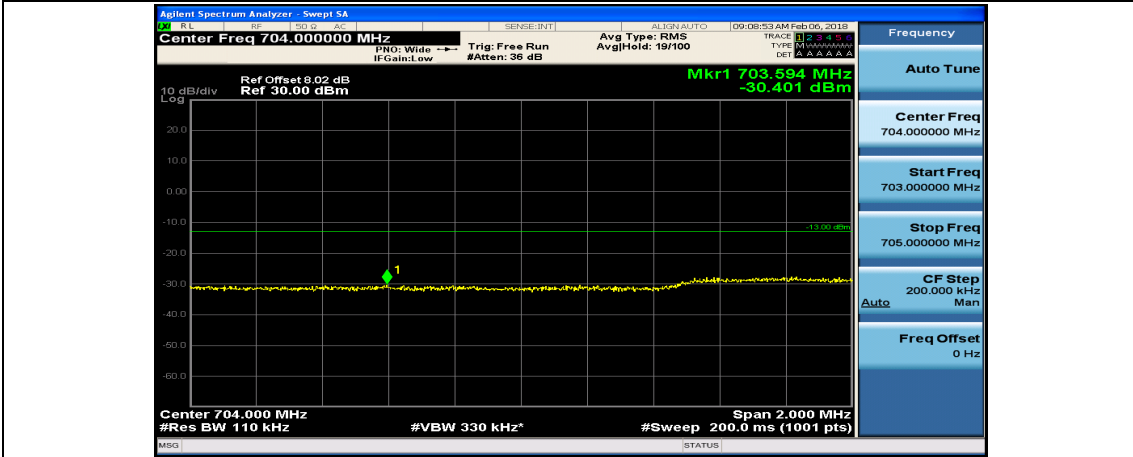
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

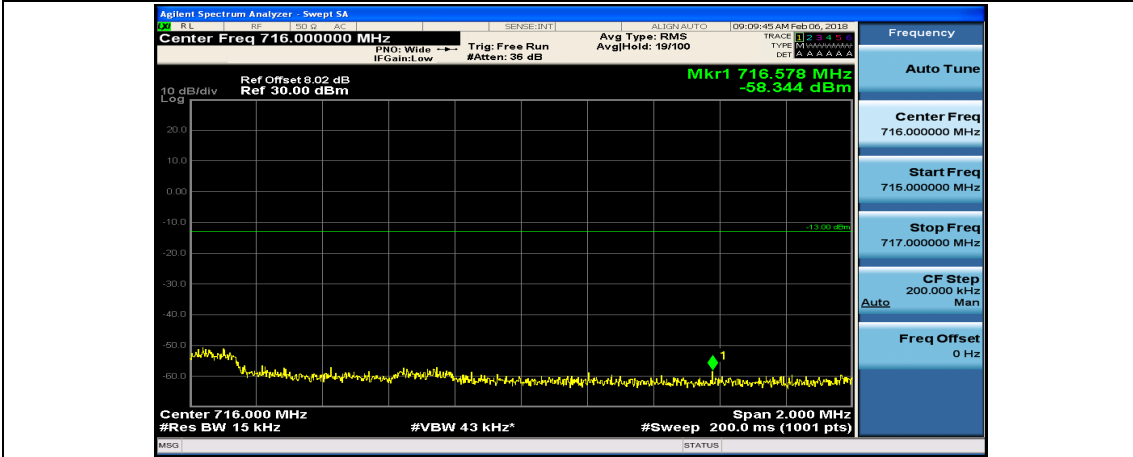


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

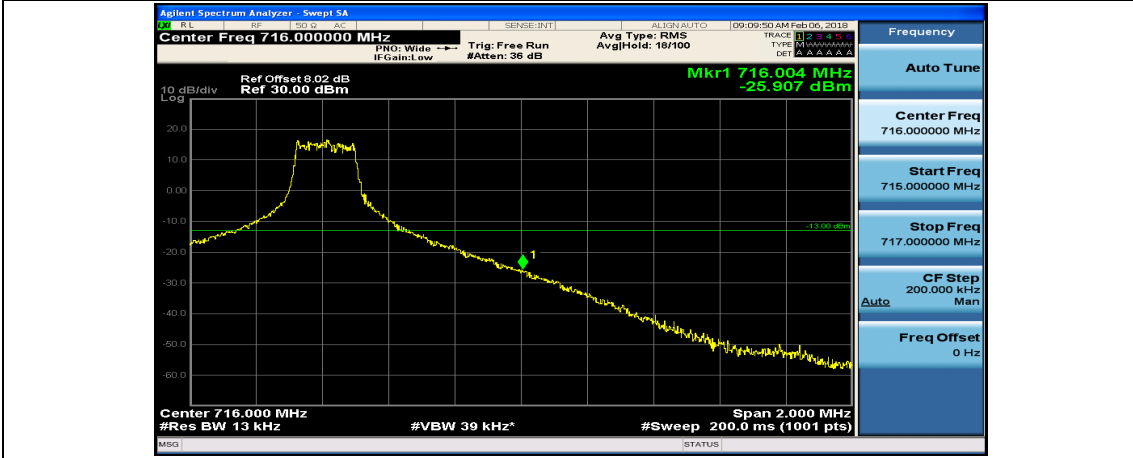


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

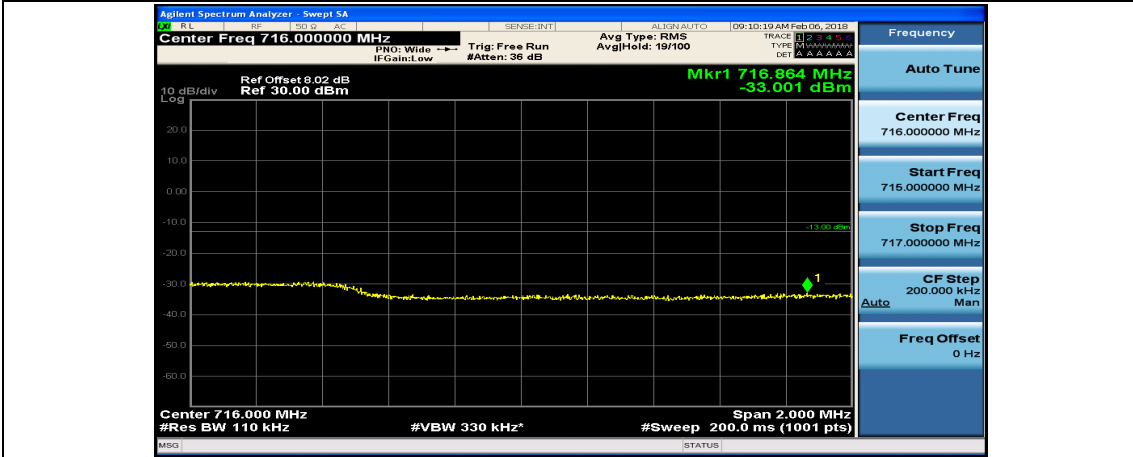




Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12