

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	21.68	PASS
		1	12	21.35	PASS
		1	24	21.62	PASS
		12	0	20.54	PASS
		12	6	20.12	PASS
		12	13	20.08	PASS
		25	0	20.11	PASS
	MCH	1	0	21.23	PASS
		1	12	21.52	PASS
		1	24	22.19	PASS
		12	0	20.14	PASS
		12	6	20.40	PASS
		12	13	20.77	PASS
		25	0	20.41	PASS
	HCH	1	0	22.14	PASS
		1	12	21.97	PASS
		1	24	22.10	PASS
		12	0	20.95	PASS
		12	6	20.95	PASS
		12	13	20.97	PASS
		25	0	20.94	PASS
16QAM	LCH	1	0	21.57	PASS
		1	12	20.64	PASS
		1	24	21.04	PASS
		12	0	20.60	PASS
		12	6	20.22	PASS
		12	13	20.21	PASS
		25	0	20.15	PASS
	MCH	1	0	20.33	PASS
		1	12	20.67	PASS
		1	24	21.33	PASS
		12	0	20.17	PASS

		12	6	20.46	PASS
		12	13	20.83	PASS
		25	0	20.44	PASS
	HCH	1	0	21.37	PASS
		1	12	21.28	PASS
		1	24	21.39	PASS
		12	0	20.04	PASS
		12	6	20.05	PASS
		12	13	20.09	PASS
		25	0	20.03	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	24	20.87	PASS
		1	49	21.68	PASS
		25	0	21.94	PASS
		25	12	21.37	PASS
		25	25	21.78	PASS
		50	0	21.44	PASS
	MCH	1	0	21.06	PASS
		1	24	21.22	PASS
		1	49	21.66	PASS
		25	0	20.78	PASS
		25	12	20.14	PASS
		25	25	20.79	PASS
		50	0	20.23	PASS
	HCH	1	0	20.78	PASS
		1	24	21.42	PASS
		1	49	21.50	PASS
		25	0	20.89	PASS
		25	12	20.34	PASS
		25	25	20.67	PASS
		50	0	20.14	PASS
16QAM	LCH	1	0	20.82	PASS
		1	24	20.30	PASS
		1	49	21.11	PASS
		25	0	20.84	PASS
		25	12	20.96	PASS
		25	25	20.57	PASS
		50	0	20.22	PASS

	MCH	1	0	20.41	PASS
		1	24	20.63	PASS
		1	49	21.07	PASS
		25	0	21.81	PASS
		25	12	21.20	PASS
		25	25	21.73	PASS
		50	0	21.31	PASS
	HCH	1	0	20.26	PASS
		1	24	20.99	PASS
		1	49	21.04	PASS
		25	0	20.80	PASS
		25	12	20.92	PASS
		25	25	20.50	PASS
		50	0	20.16	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	5.63	<13	PASS
		1	12	5.82	<13	PASS
		1	24	5.63	<13	PASS
		12	0	6.19	<13	PASS
		12	6	6.16	<13	PASS
		12	13	6.28	<13	PASS
		25	0	6.36	<13	PASS
	MCH	1	0	5.82	<13	PASS
		1	12	5.76	<13	PASS
		1	24	5.52	<13	PASS
		12	0	6.23	<13	PASS
		12	6	6.17	<13	PASS
		12	13	6.1	<13	PASS
		25	0	6.2	<13	PASS
	HCH	1	0	5.62	<13	PASS
		1	12	5.58	<13	PASS
		1	24	5.63	<13	PASS
		12	0	6.12	<13	PASS
		12	6	5.99	<13	PASS
		12	13	6	<13	PASS
		25	0	5.99	<13	PASS
16QAM	LCH	1	0	6.58	<13	PASS
		1	12	6.71	<13	PASS
		1	24	8.47	<13	PASS
		12	0	6.89	<13	PASS
		12	6	6.93	<13	PASS
		12	13	6.94	<13	PASS
		25	0	7.14	<13	PASS
	MCH	1	0	6.76	<13	PASS
		1	12	6.66	<13	PASS
		1	24	6.41	<13	PASS
		12	0	7.01	<13	PASS
		12	6	7.03	<13	PASS

		12	13	6.92	<13	PASS
		25	0	7.07	<13	PASS
	HCH	1	0	6.22	<13	PASS
		1	12	6.4	<13	PASS
		1	24	6.25	<13	PASS
		12	0	6.81	<13	PASS
		12	6	6.86	<13	PASS
		12	13	6.83	<13	PASS
		25	0	6.83	<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	6.01	<13	PASS
		1	24	6.15	<13	PASS
		1	49	5.64	<13	PASS
		25	0	6.37	<13	PASS
		25	12	6.26	<13	PASS
		25	25	6.05	<13	PASS
		50	0	6.3	<13	PASS
	MCH	1	0	5.85	<13	PASS
		1	24	5.96	<13	PASS
		1	49	5.73	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.92	<13	PASS
		50	0	6.18	<13	PASS
	HCH	1	0	5.76	<13	PASS
		1	24	5.79	<13	PASS
		1	49	5.61	<13	PASS
		25	0	6.3	<13	PASS
		25	12	6.16	<13	PASS
		25	25	5.99	<13	PASS
		50	0	6.09	<13	PASS
16QAM	LCH	1	0	7.08	<13	PASS
		1	24	7.15	<13	PASS
		1	49	6.42	<13	PASS
		25	0	7.13	<13	PASS
		25	12	7.18	<13	PASS
		25	25	6.81	<13	PASS

		50	0	6.9	<13	PASS
	MCH	1	0	7.08	<13	PASS
		1	24	6.86	<13	PASS
		1	49	6.71	<13	PASS
		25	0	7	<13	PASS
		25	12	6.94	<13	PASS
		25	25	6.83	<13	PASS
		50	0	6.87	<13	PASS
	HCH	1	0	6.61	<13	PASS
		1	24	6.75	<13	PASS
		1	49	6.39	<13	PASS
		25	0	6.99	<13	PASS
		25	12	6.96	<13	PASS
		25	25	6.87	<13	PASS
		50	0	6.76	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

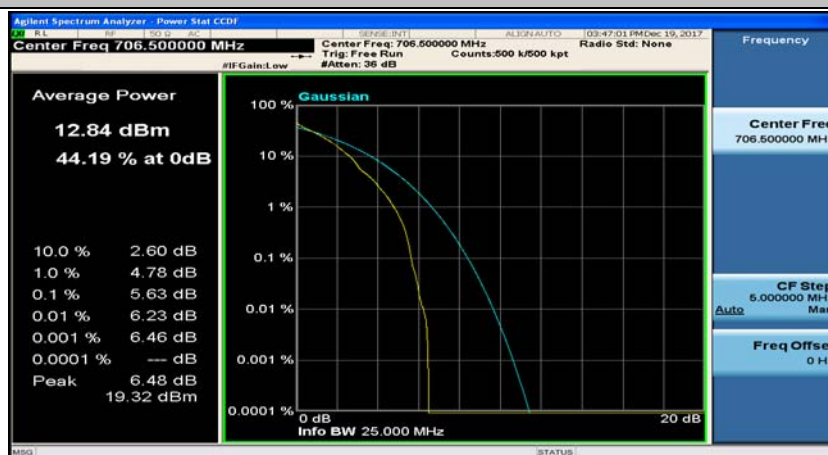
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



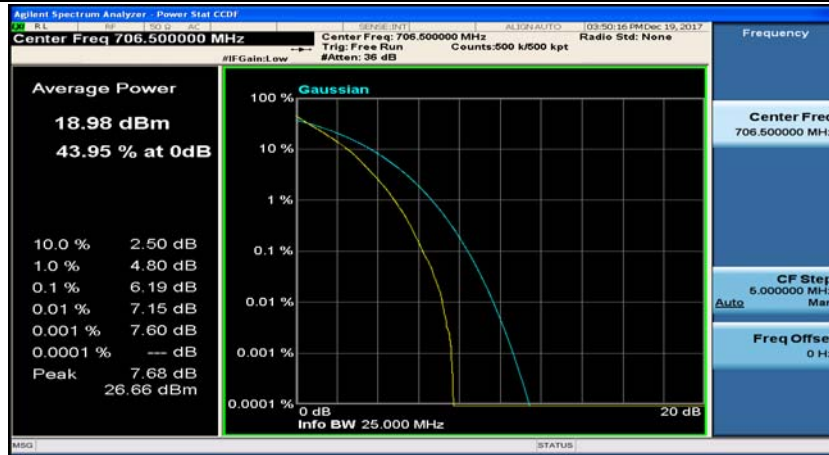
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



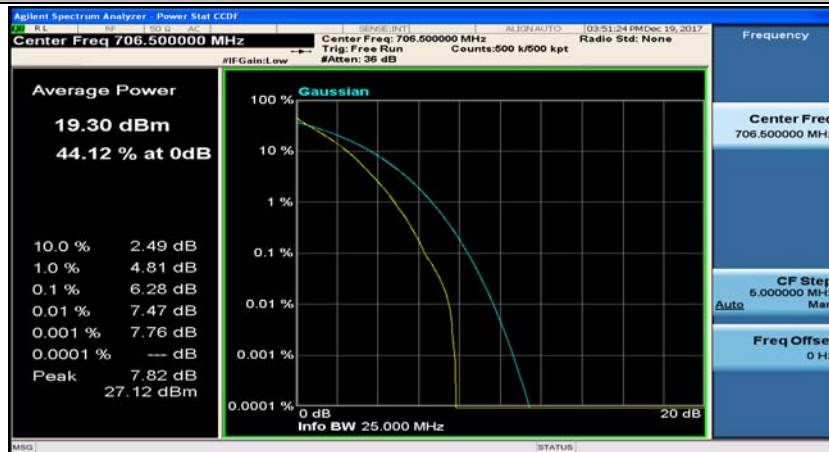
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



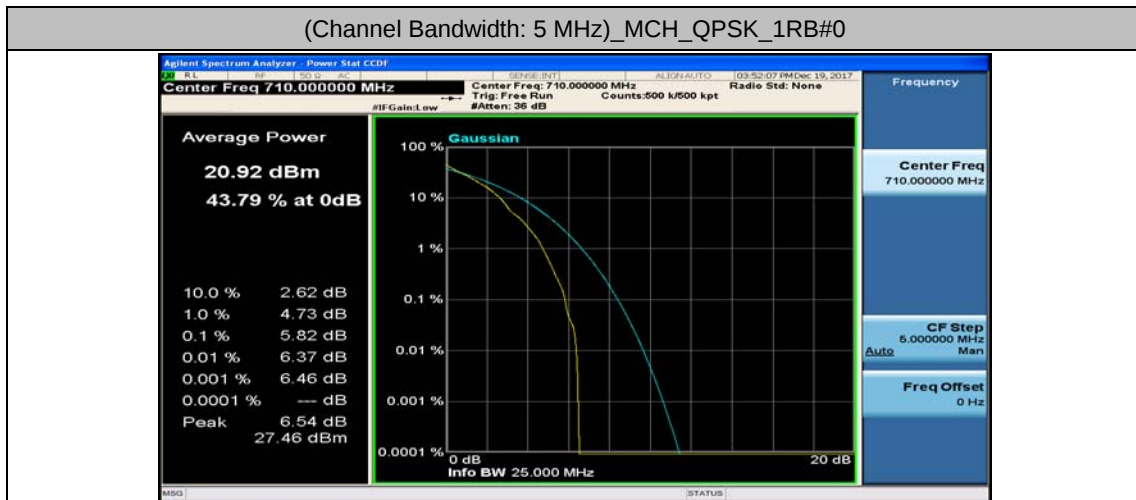
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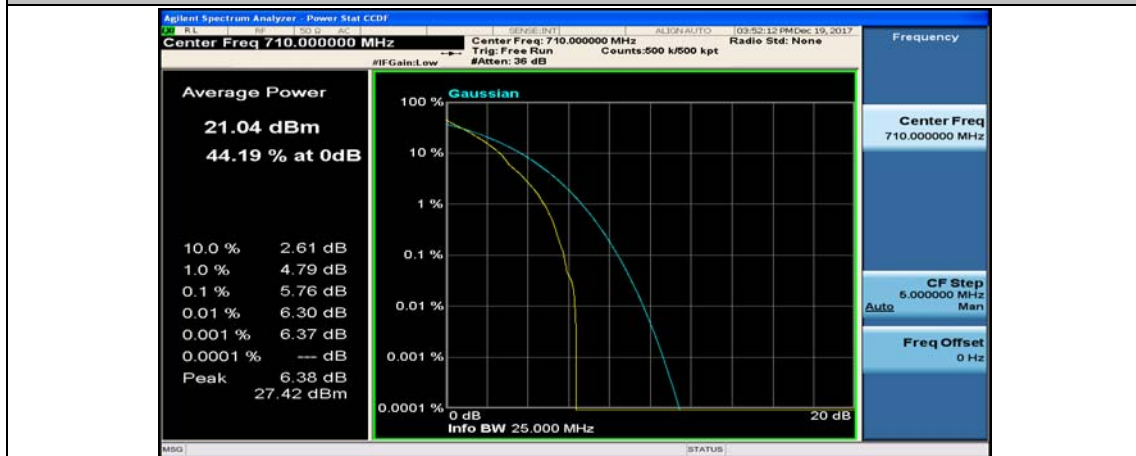
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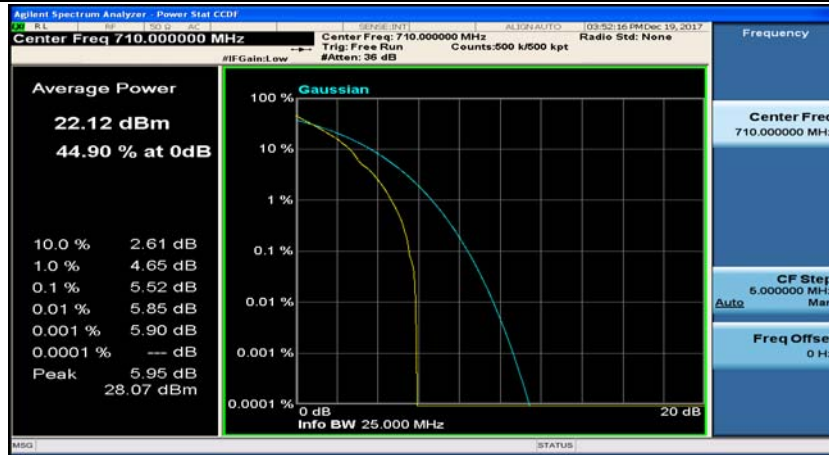
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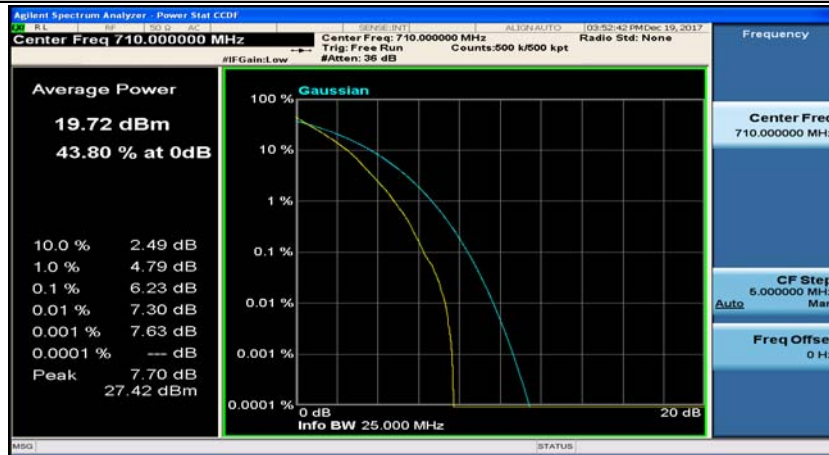
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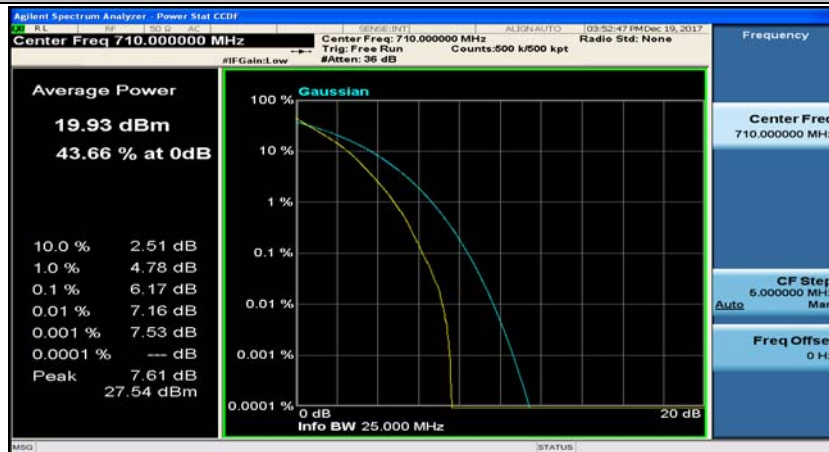
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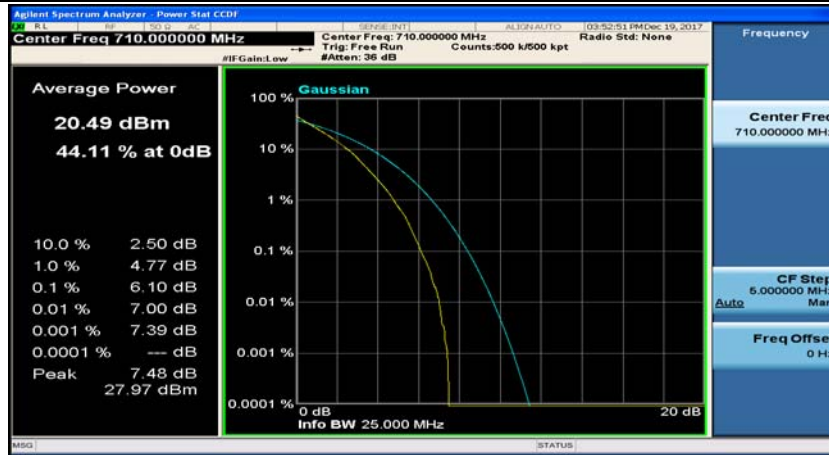
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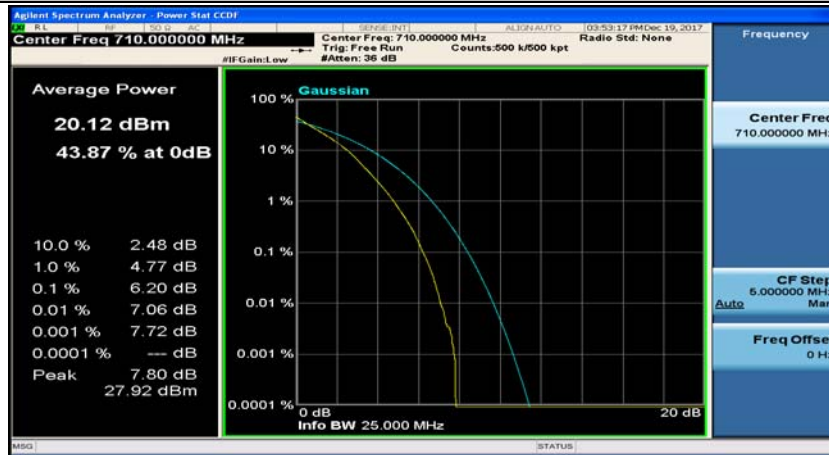
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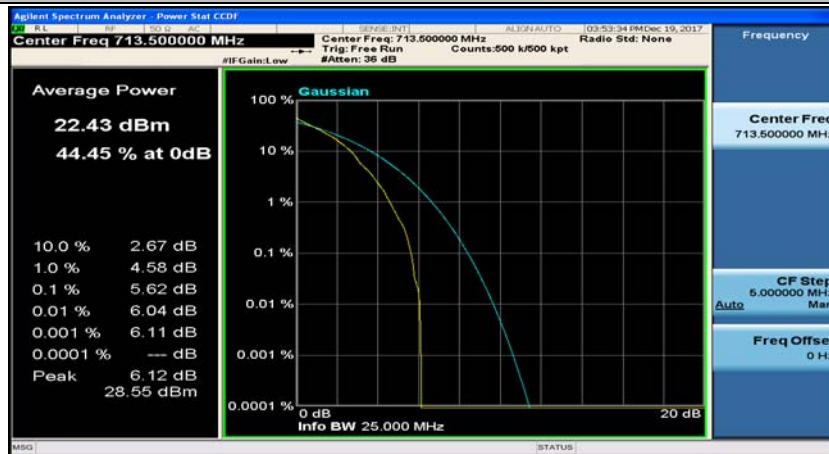
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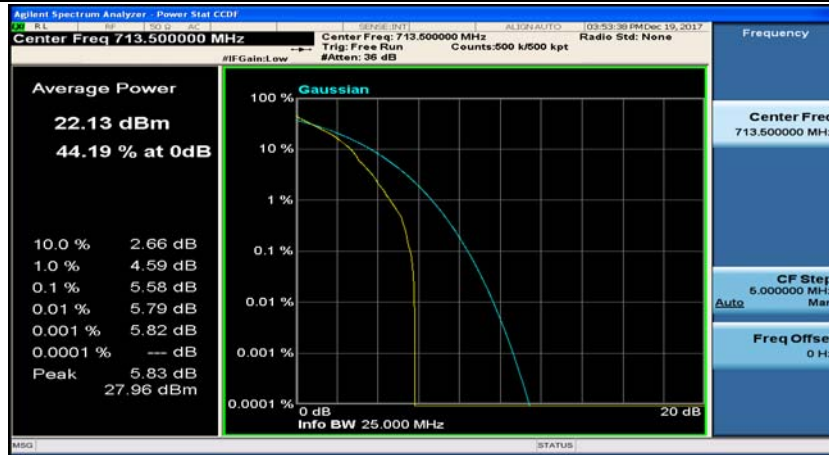
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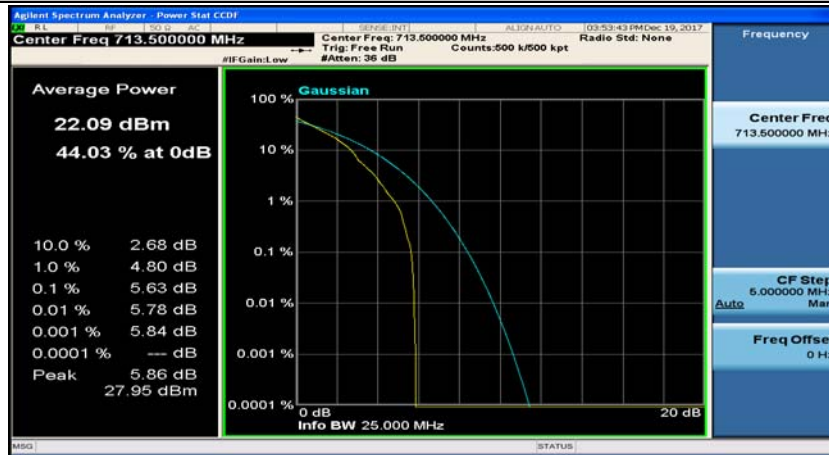
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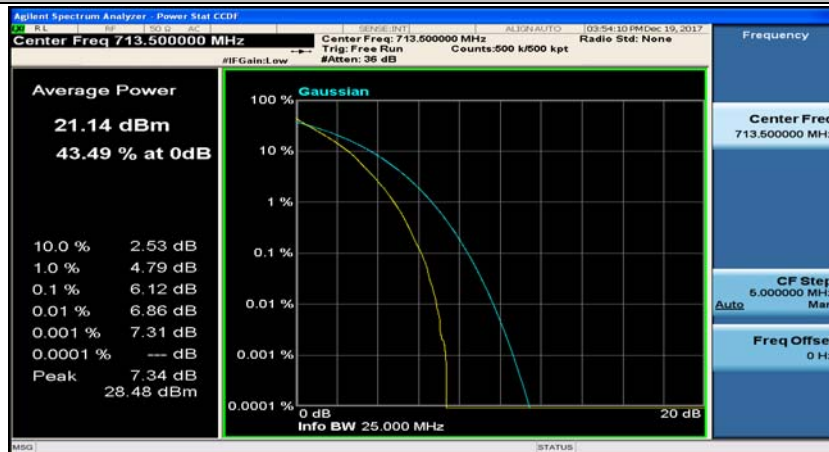
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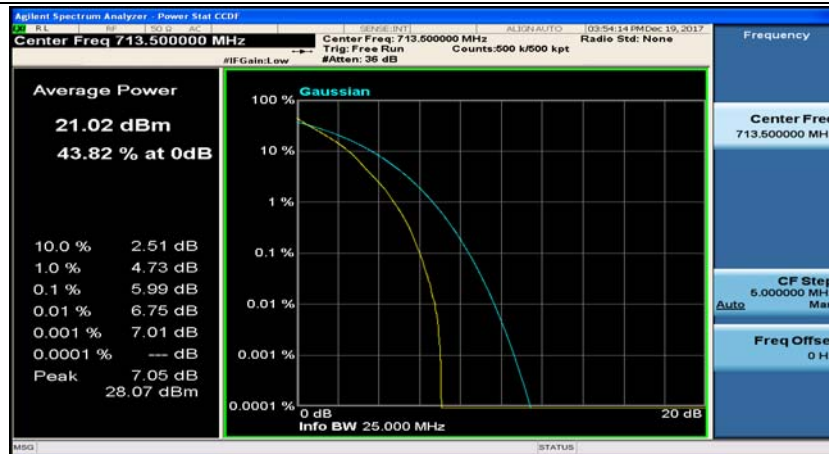
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



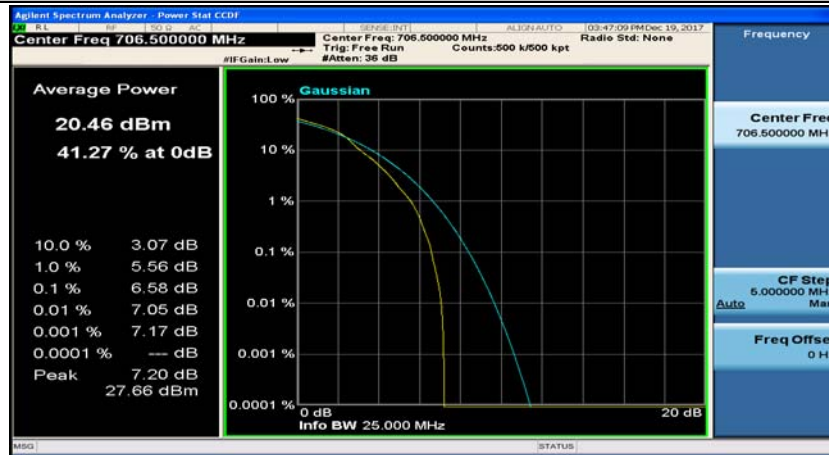
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



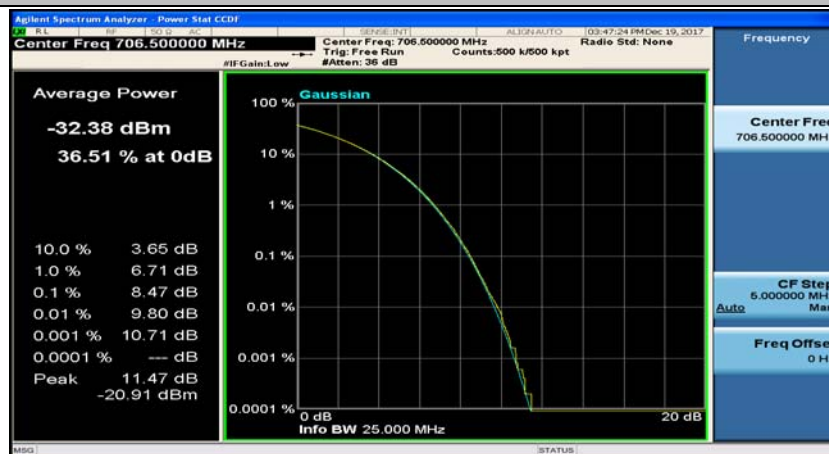
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



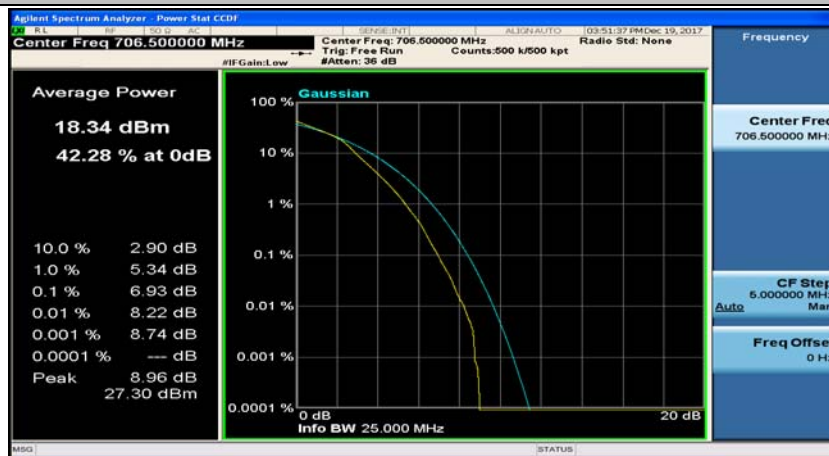
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



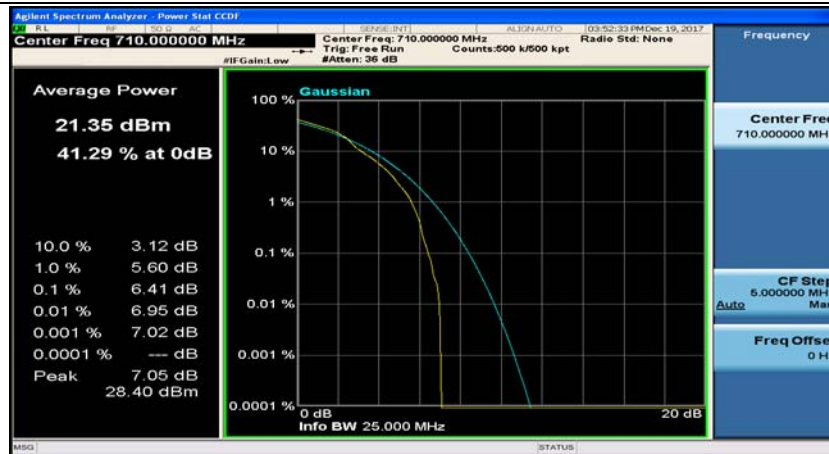
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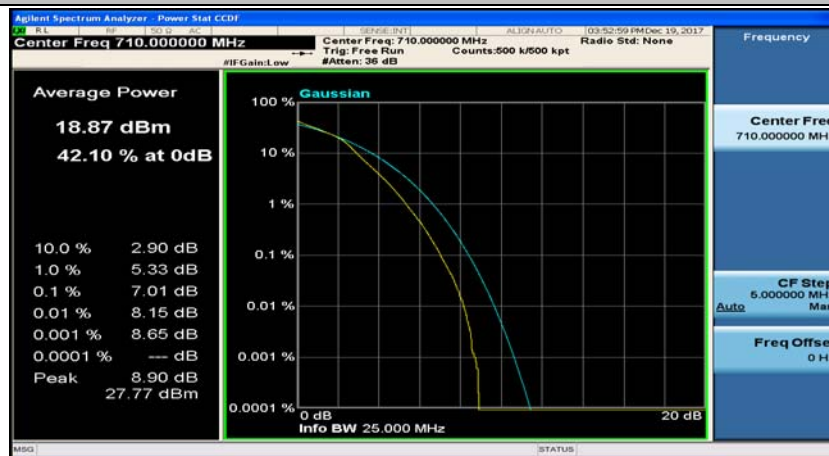
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



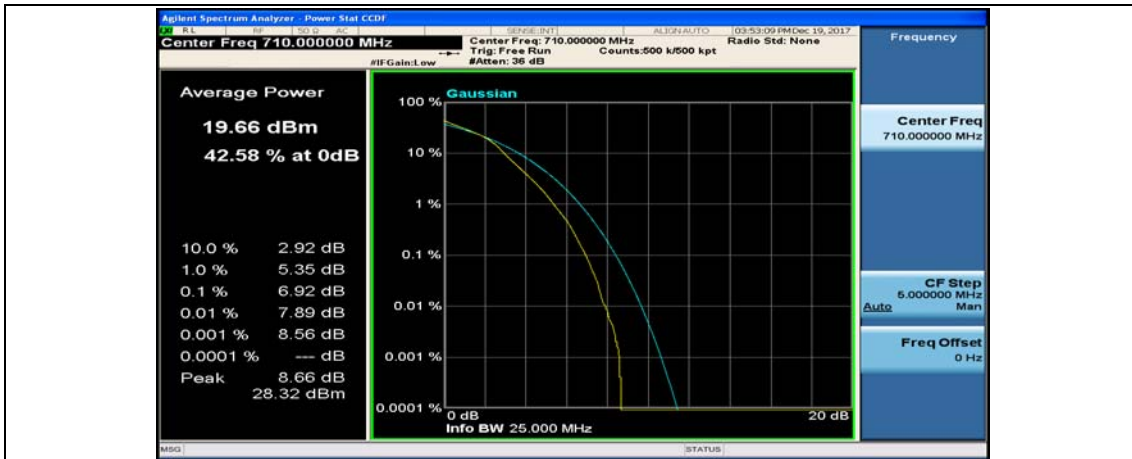
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



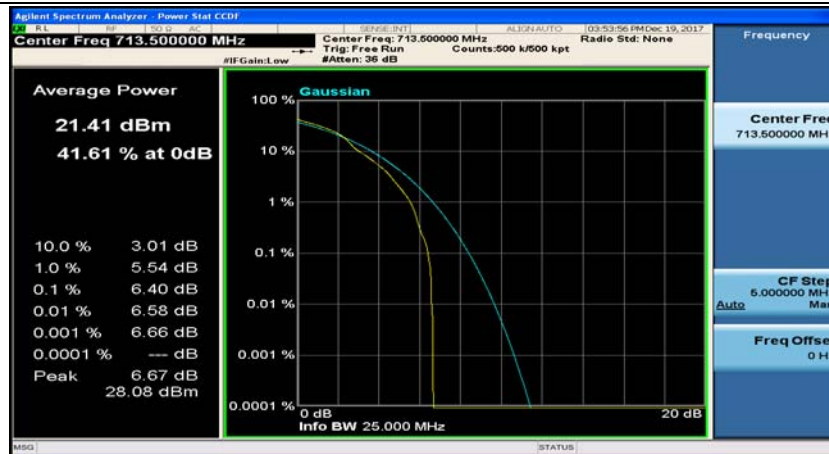
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



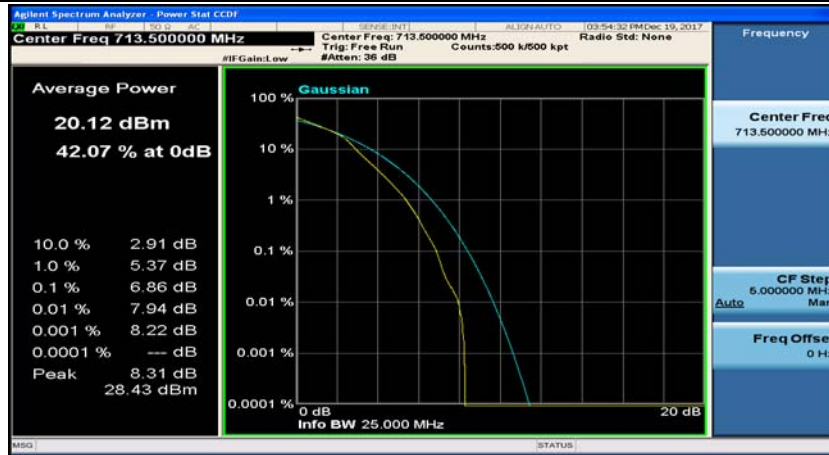
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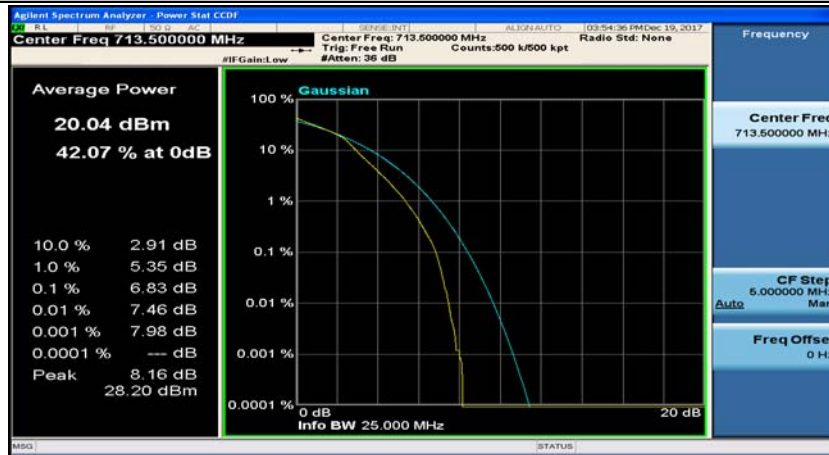
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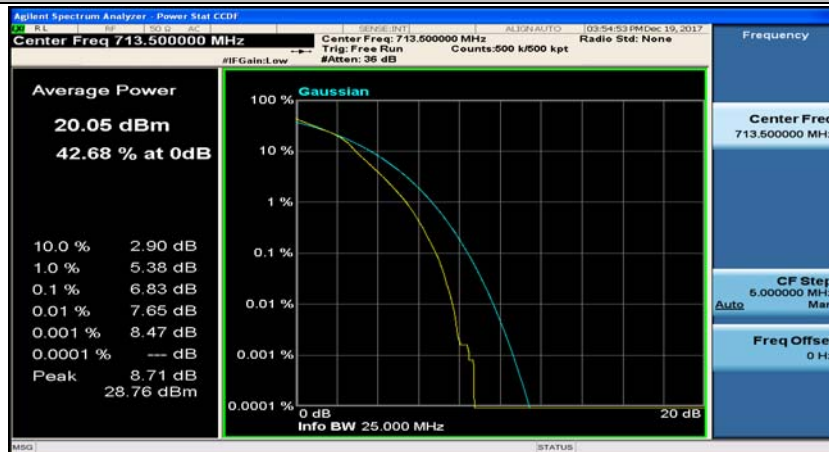
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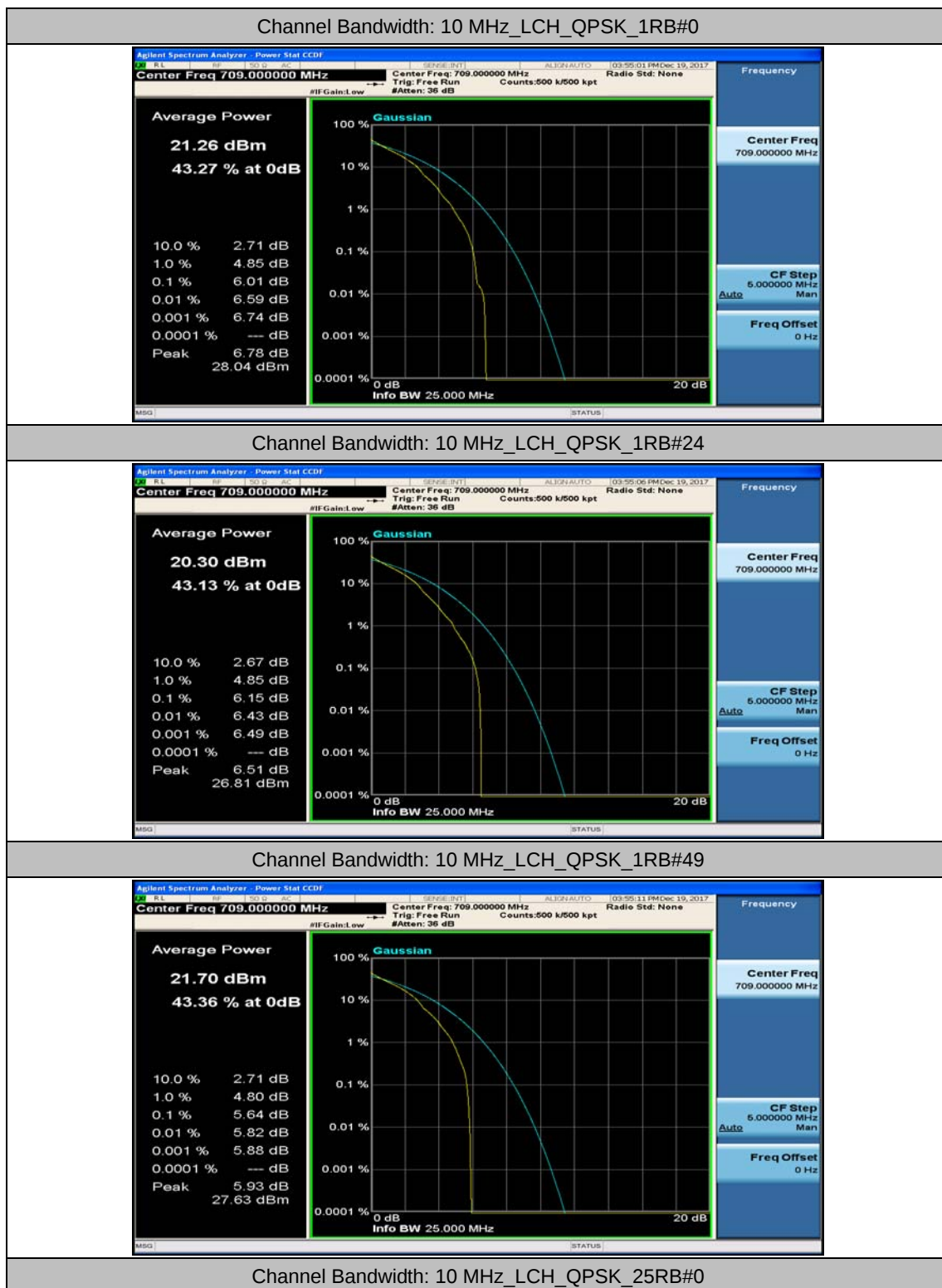
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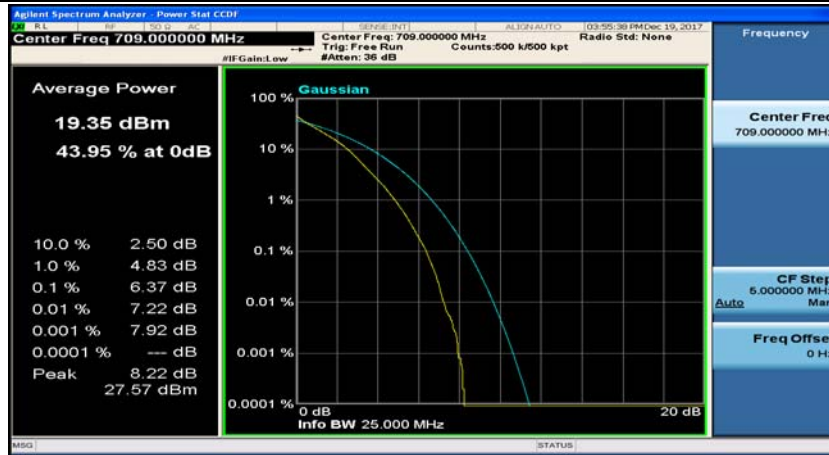


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz







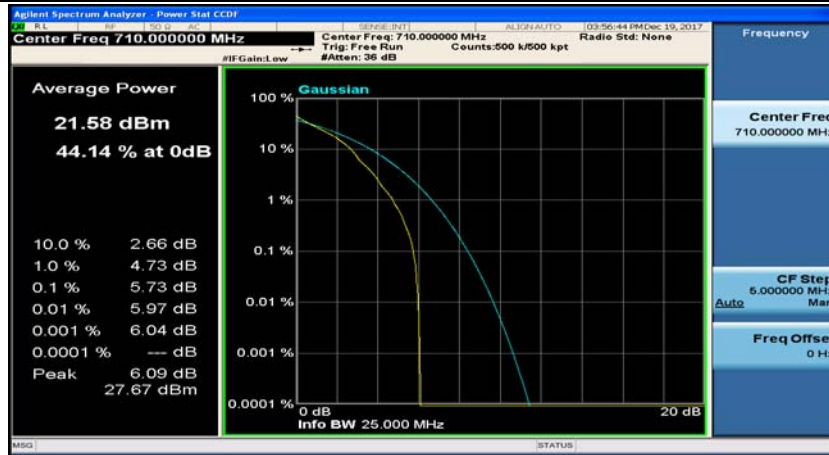
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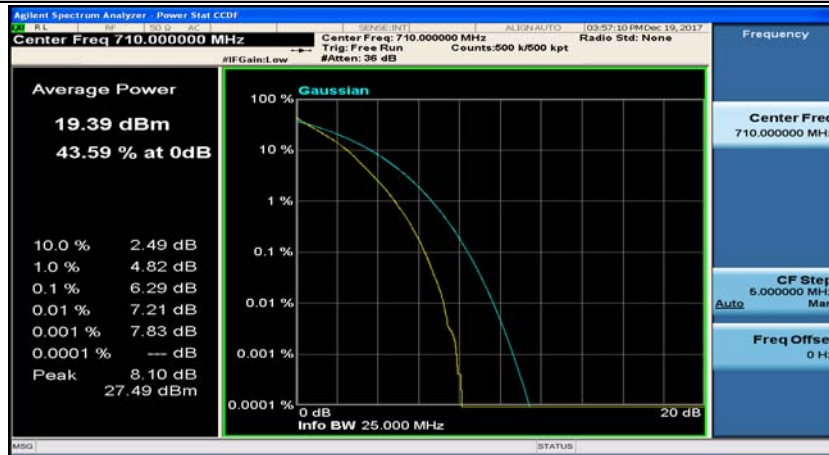
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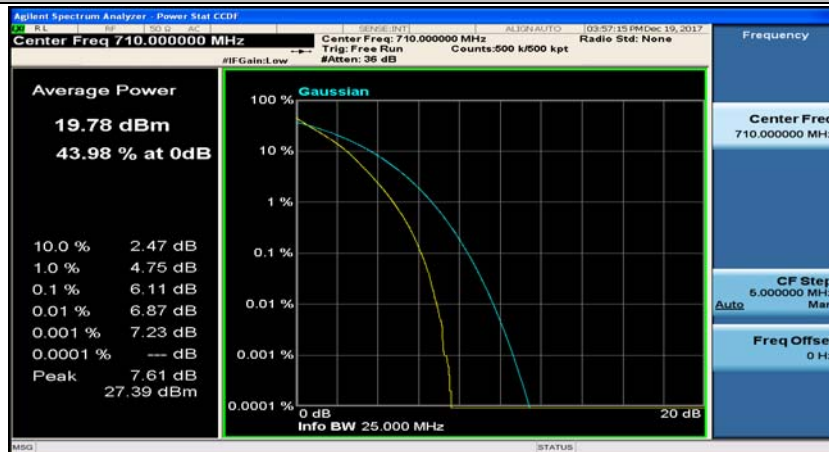
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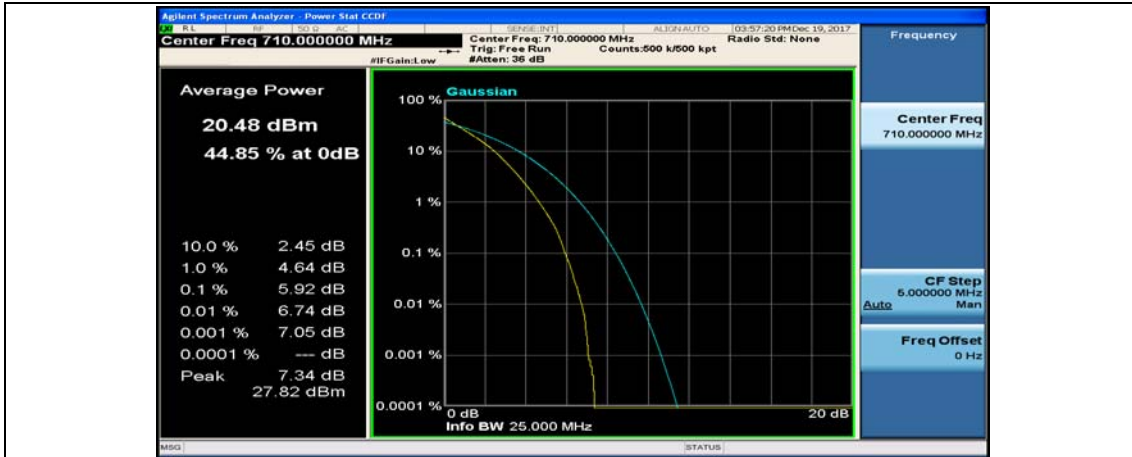
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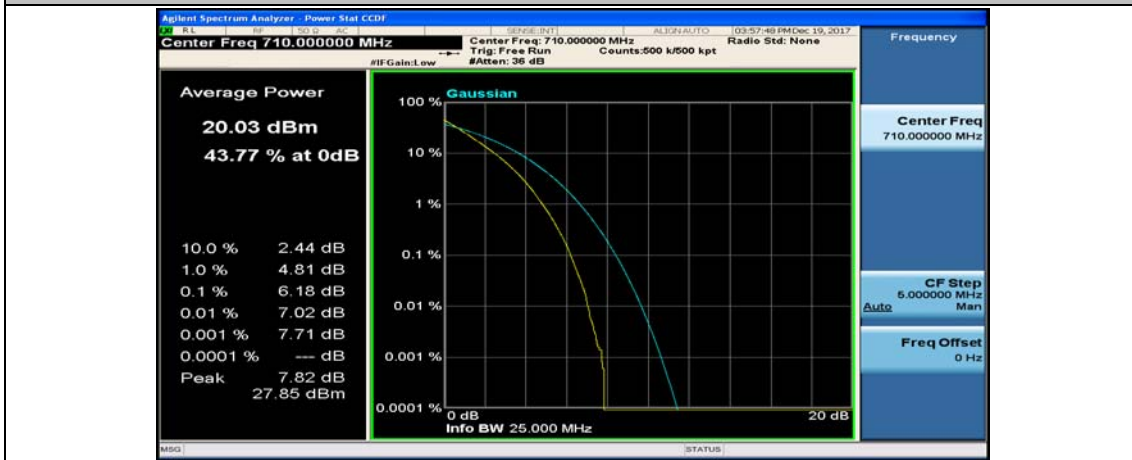
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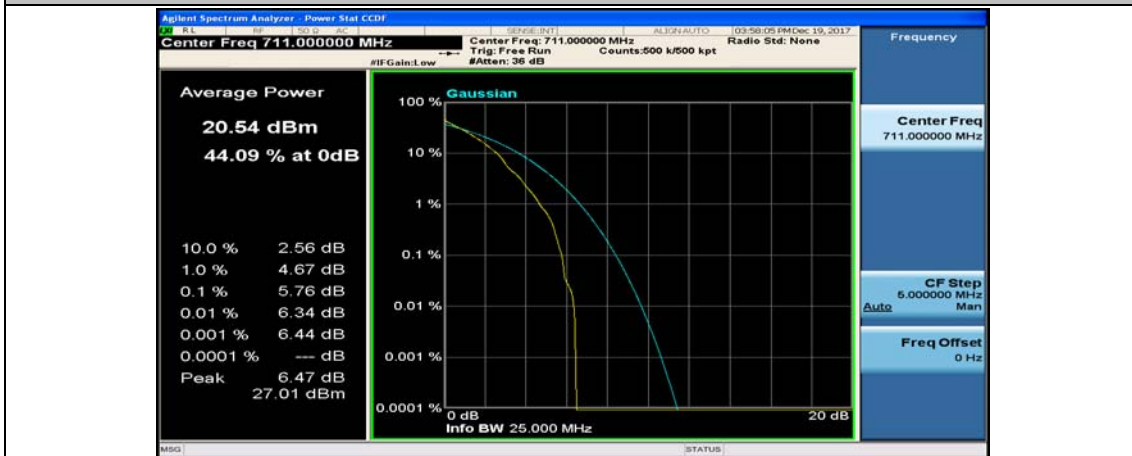
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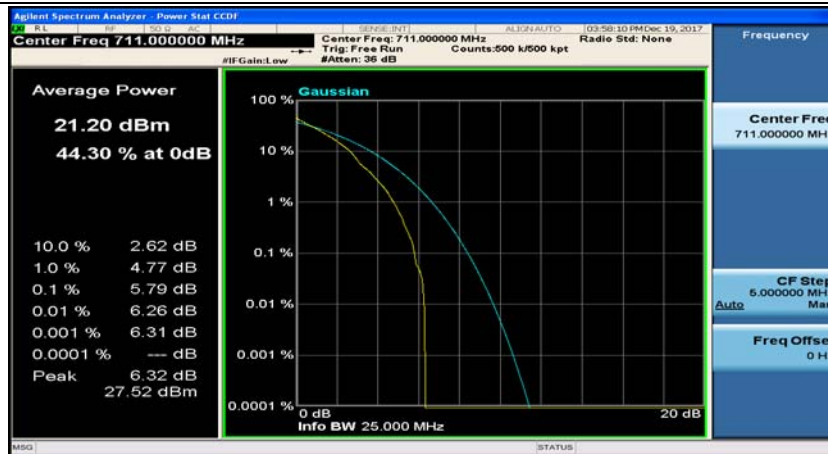
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



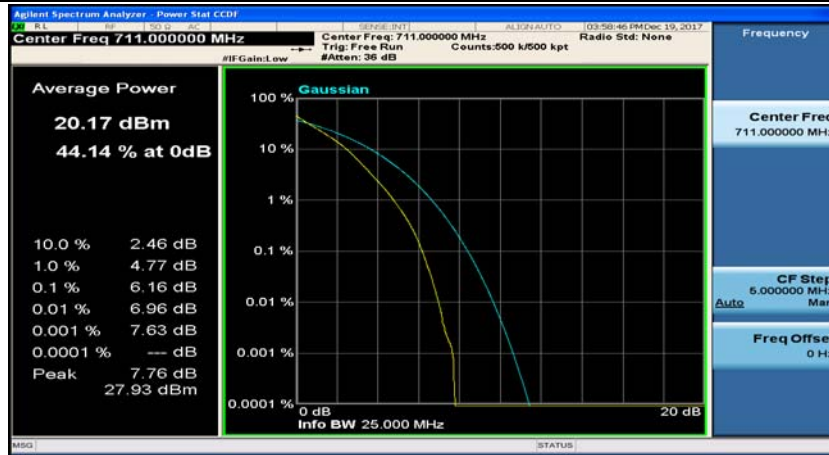
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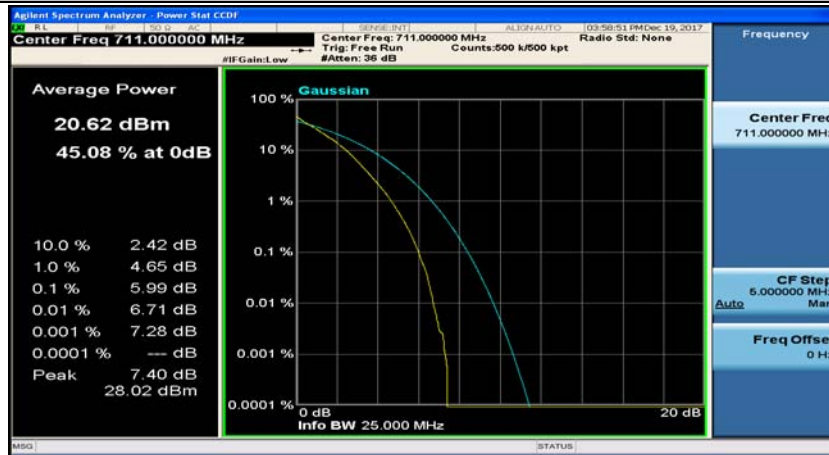
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



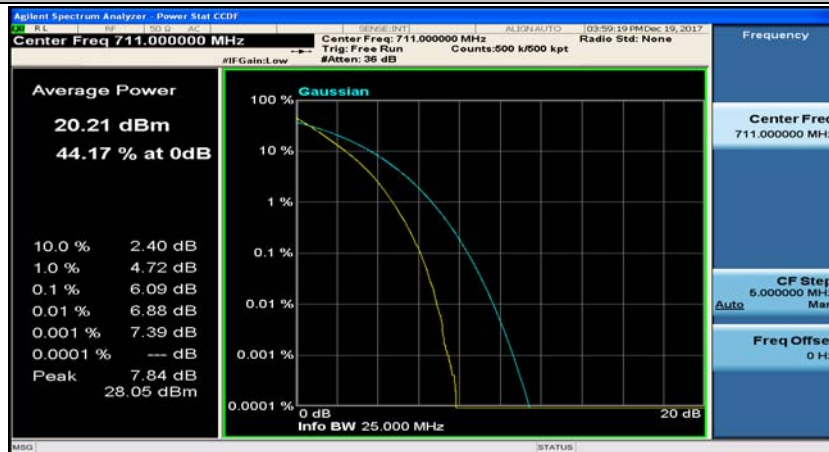
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



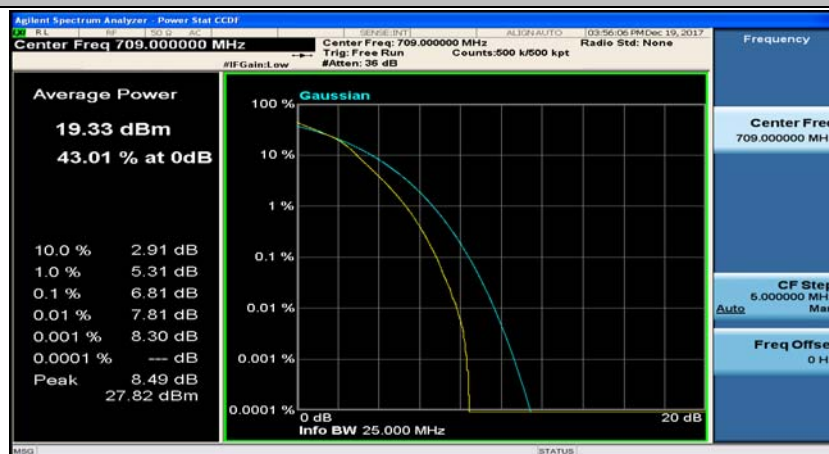
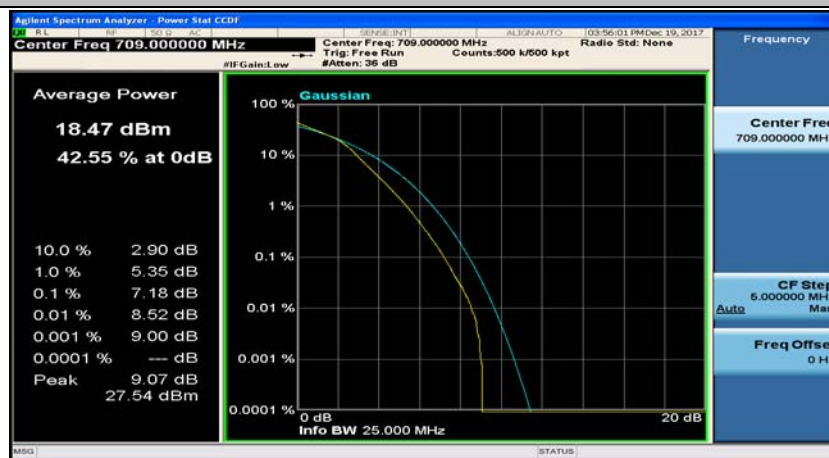
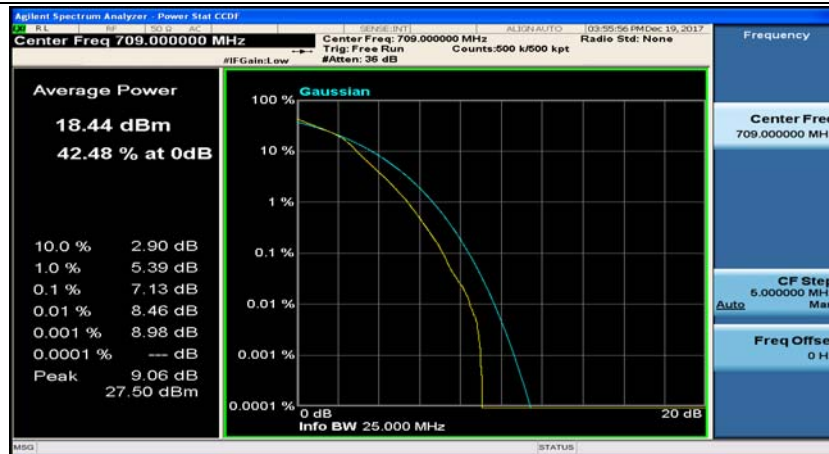
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Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

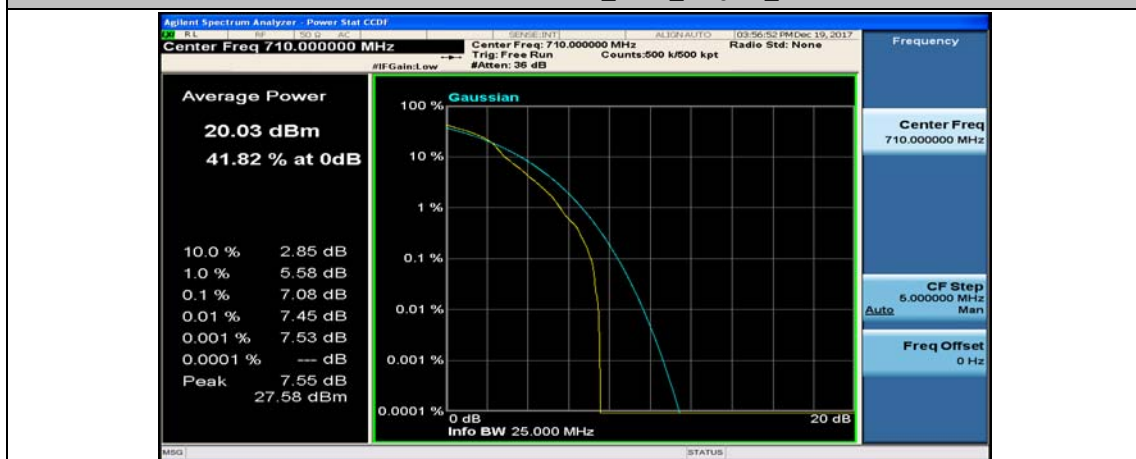


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

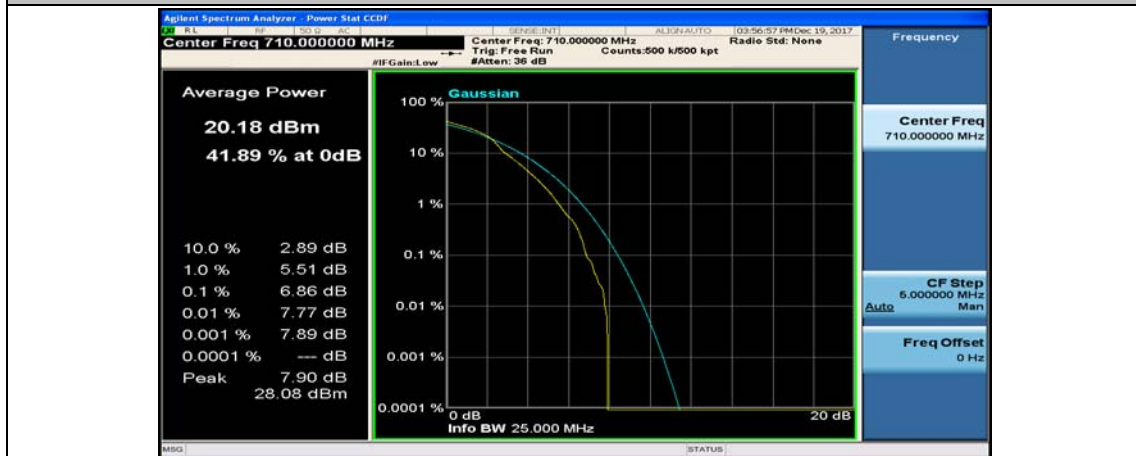




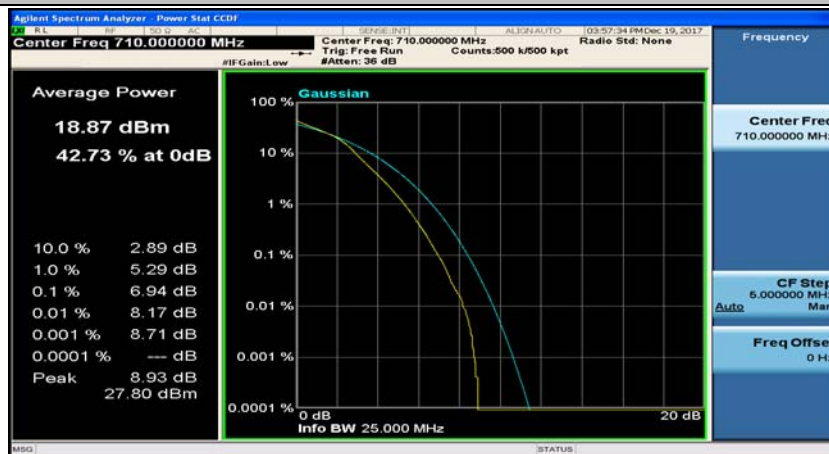
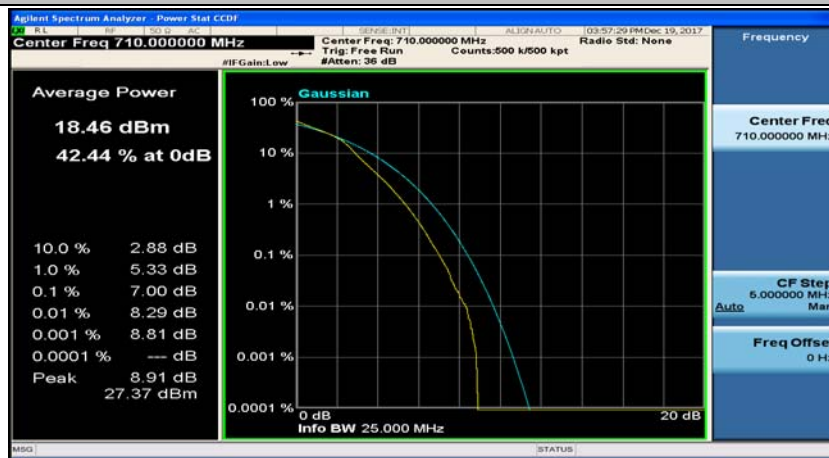
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

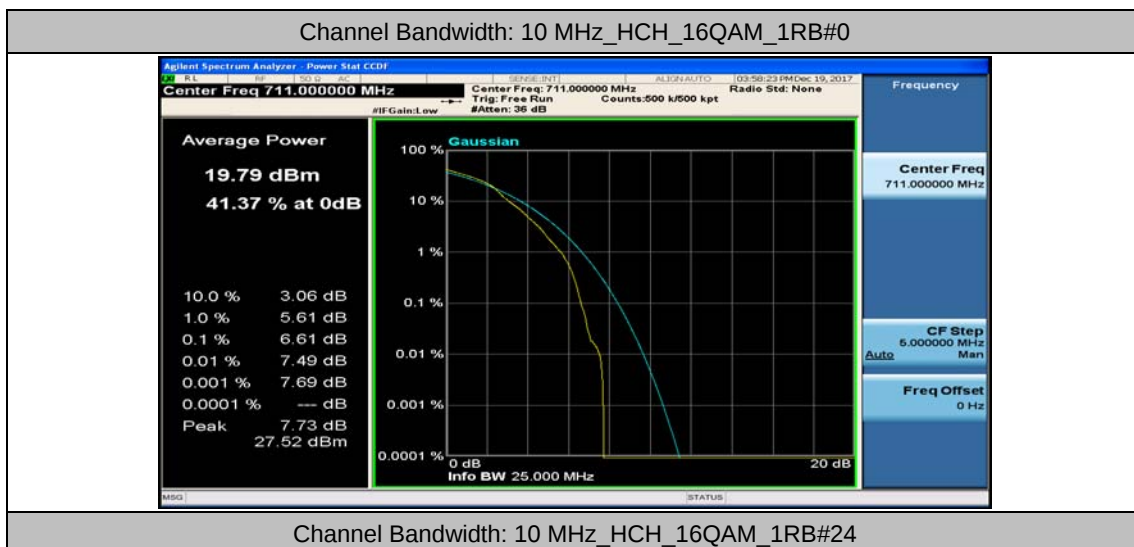


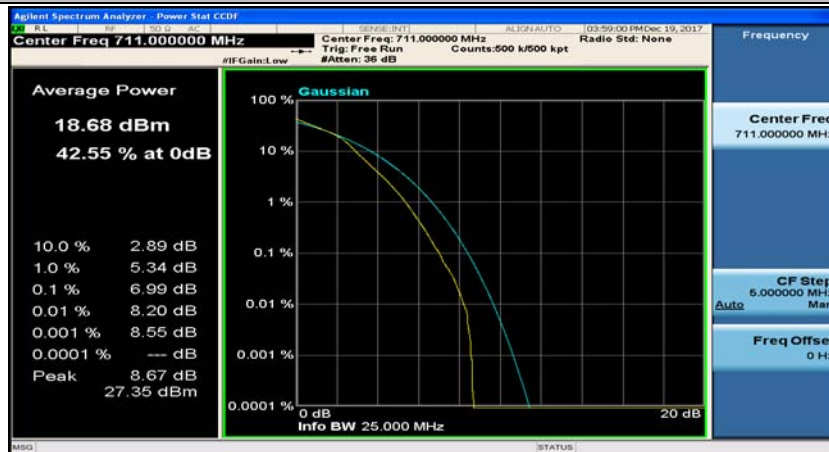
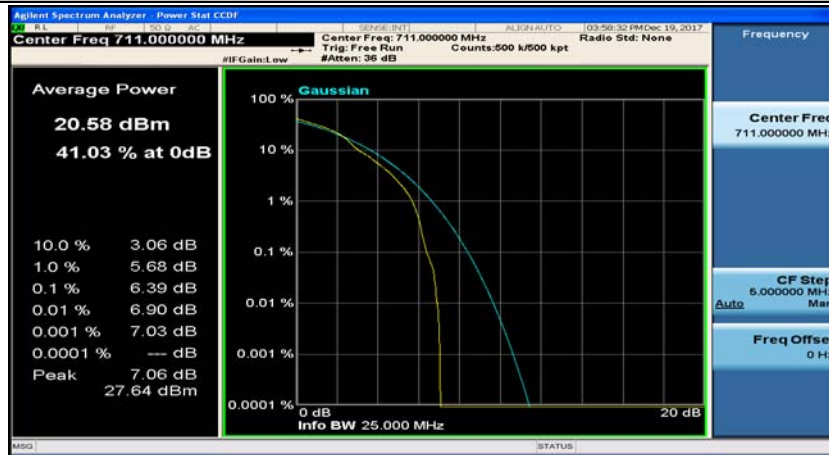
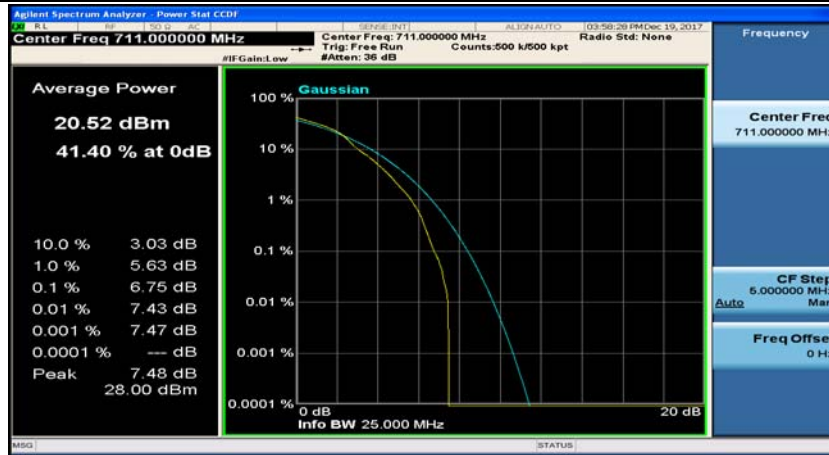
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

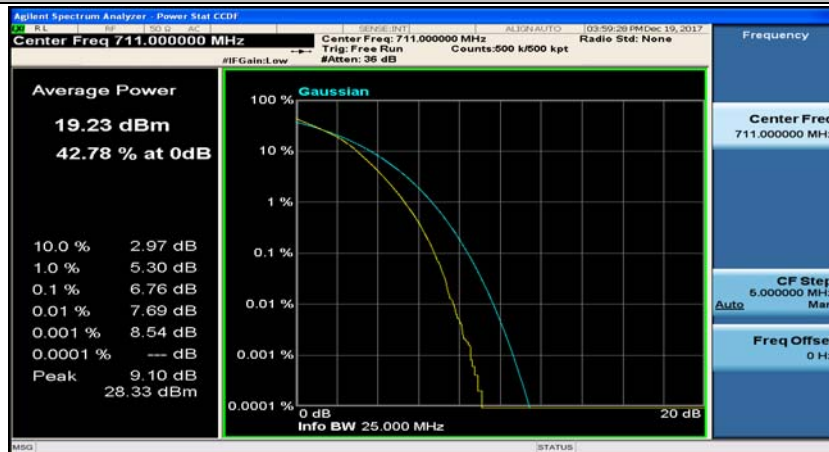
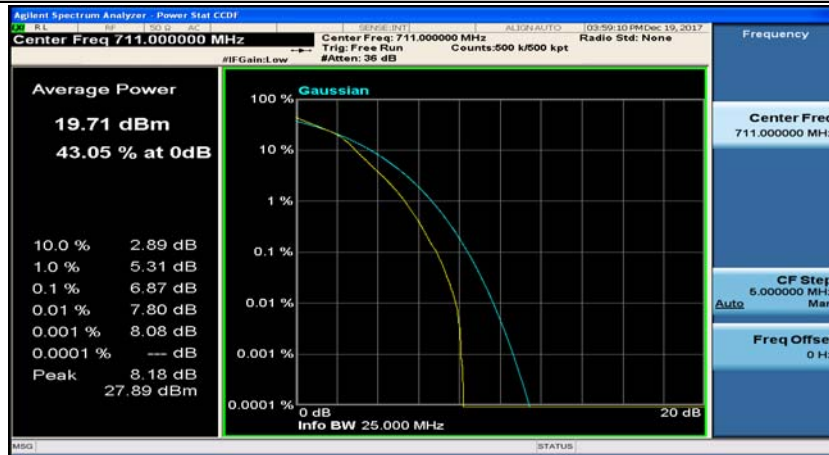
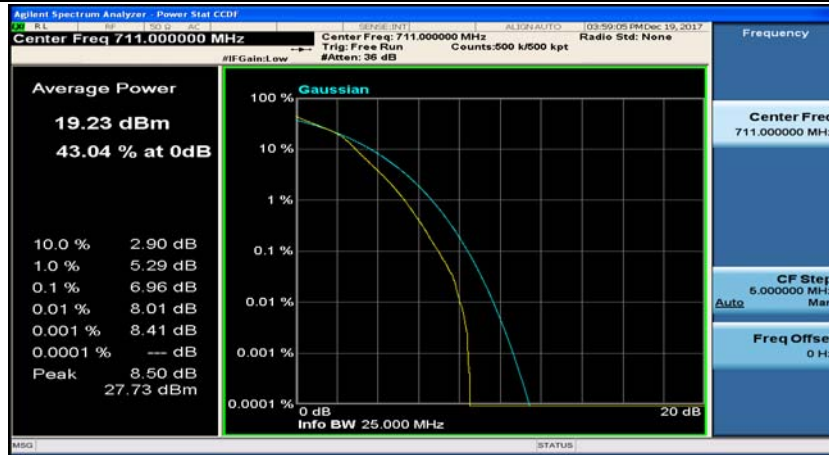


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	4.4830	4.823	PASS
	MCH	25	0	4.4819	4.787	PASS
	HCH	25	0	4.4810	4.822	PASS
16QAM	LCH	25	0	4.4845	4.861	PASS
	MCH	25	0	4.4833	4.763	PASS
	HCH	25	0	4.4819	4.826	PASS

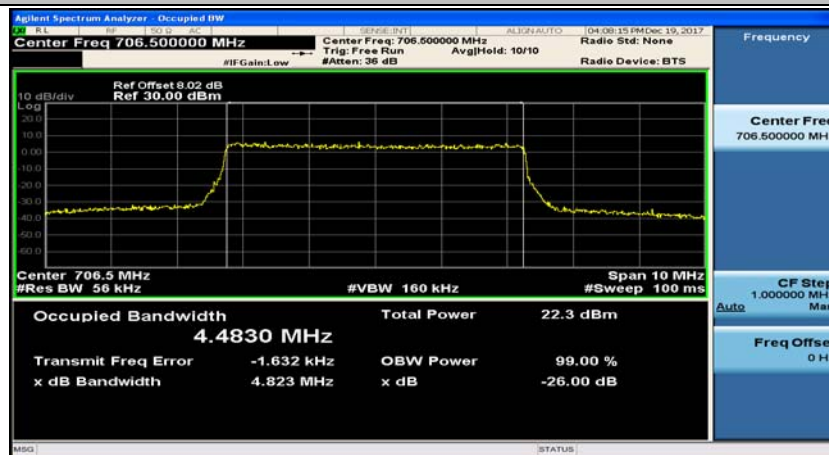
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9679	9.464	PASS
	MCH	50	0	8.9396	9.494	PASS
	HCH	50	0	8.9221	9.420	PASS
16QAM	LCH	50	0	8.9568	9.493	PASS
	MCH	50	0	8.9407	9.388	PASS
	HCH	50	0	8.9437	9.446	PASS

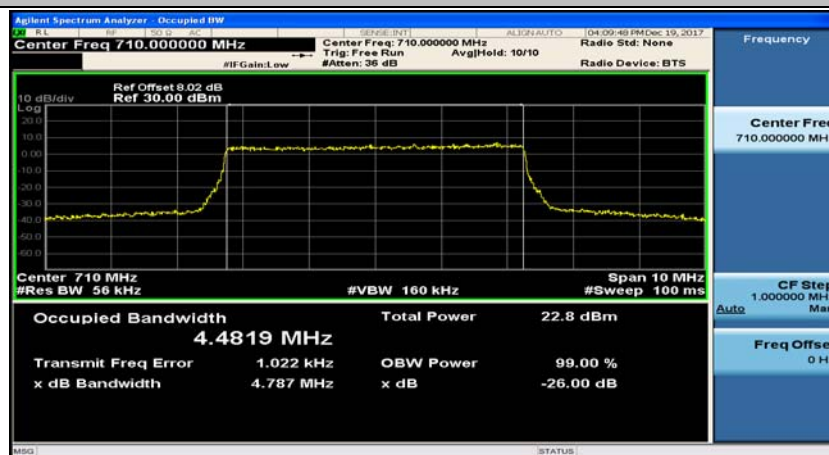
Test Graphs

Channel Bandwidth: 5 MHz

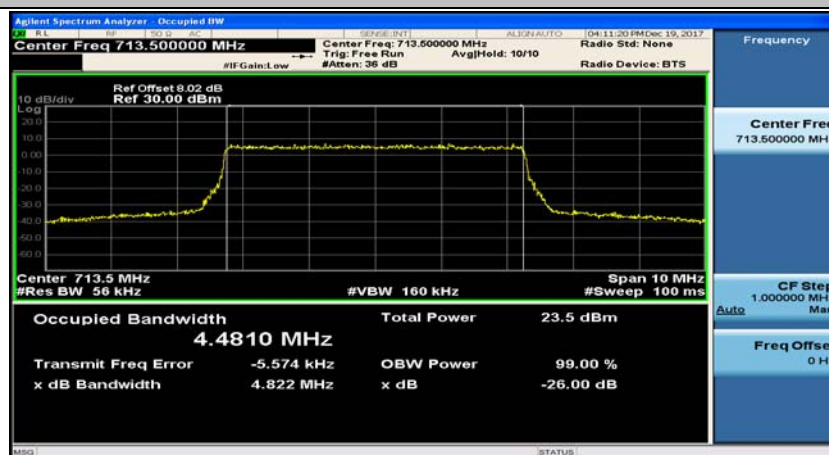
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



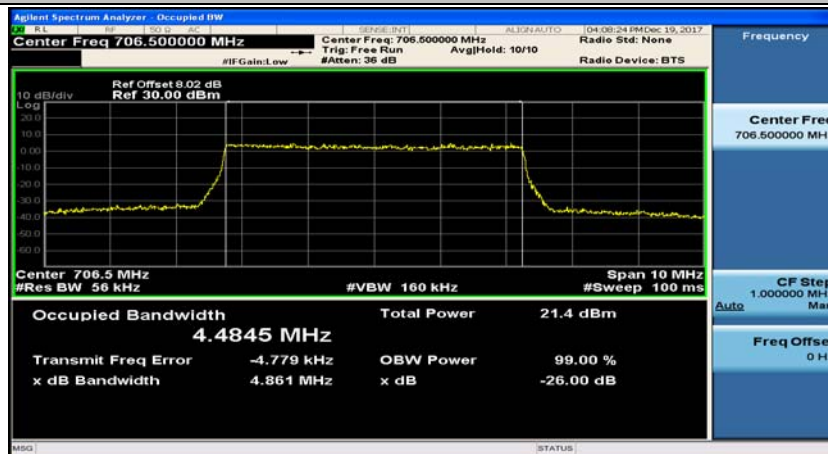
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



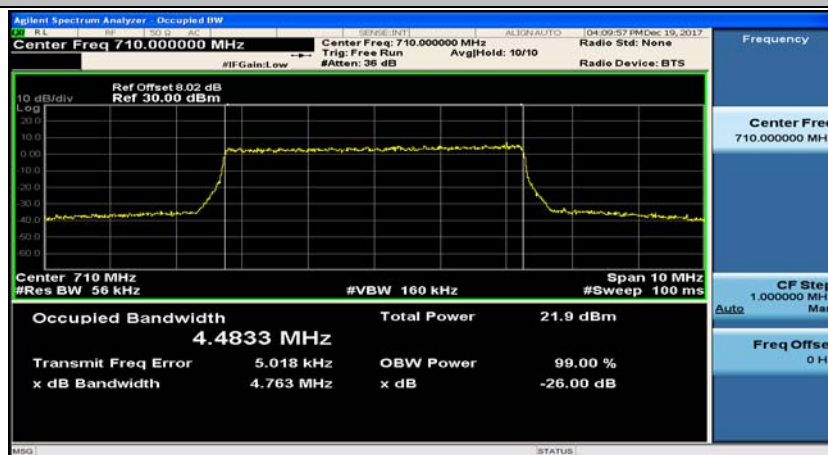
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



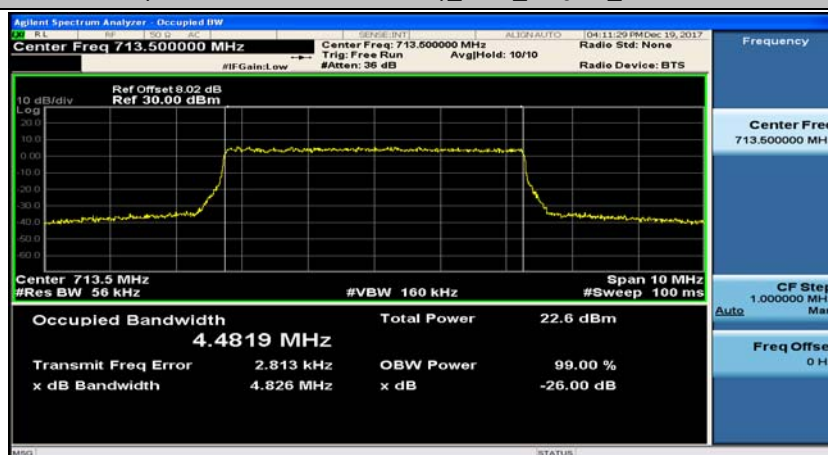
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

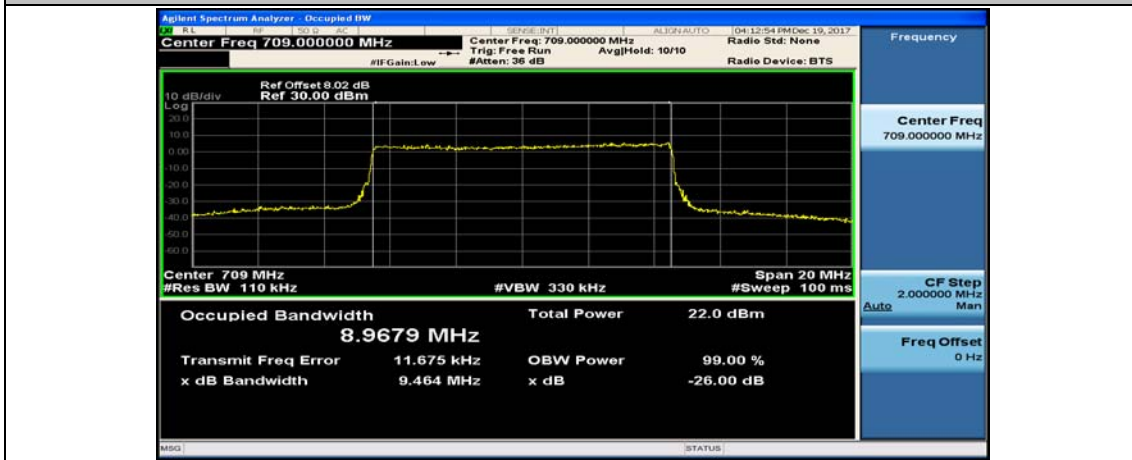


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

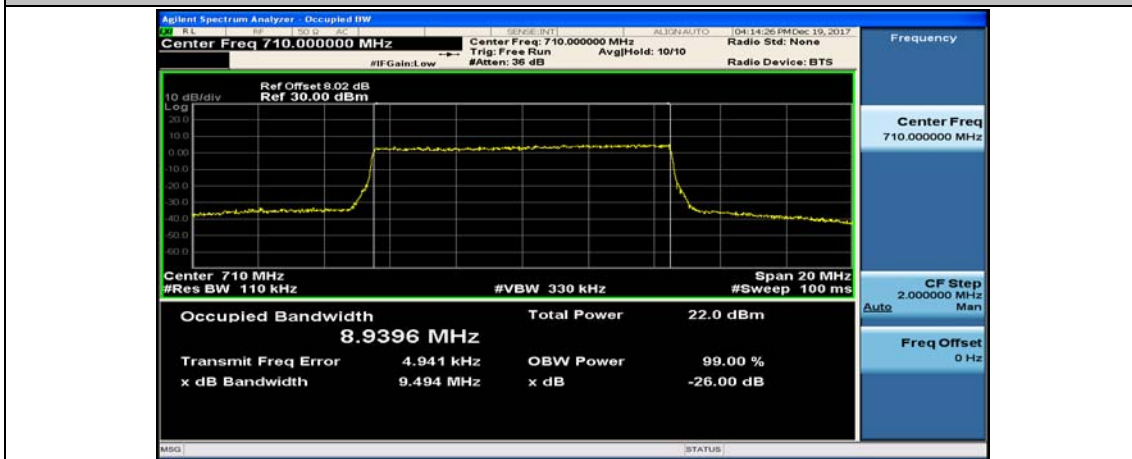


Channel Bandwidth: 10 MHz

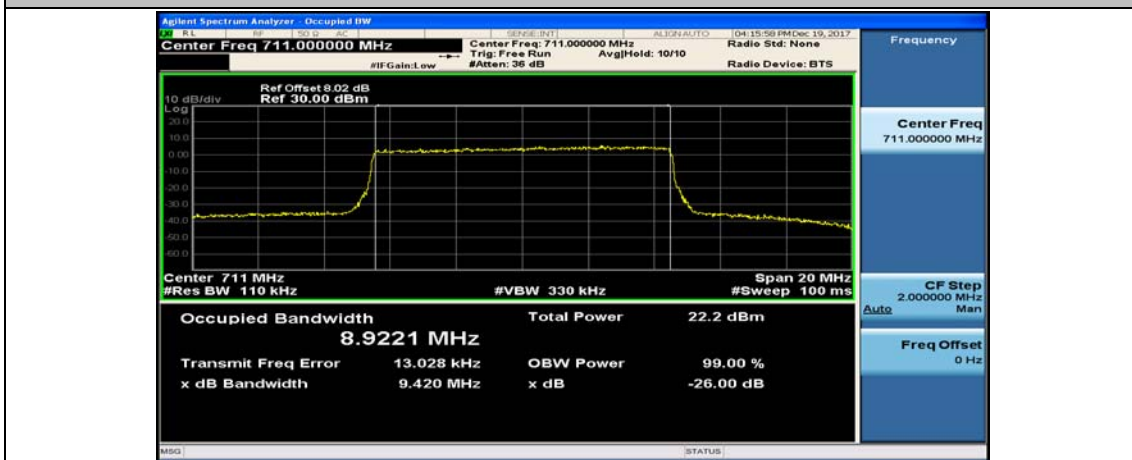
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



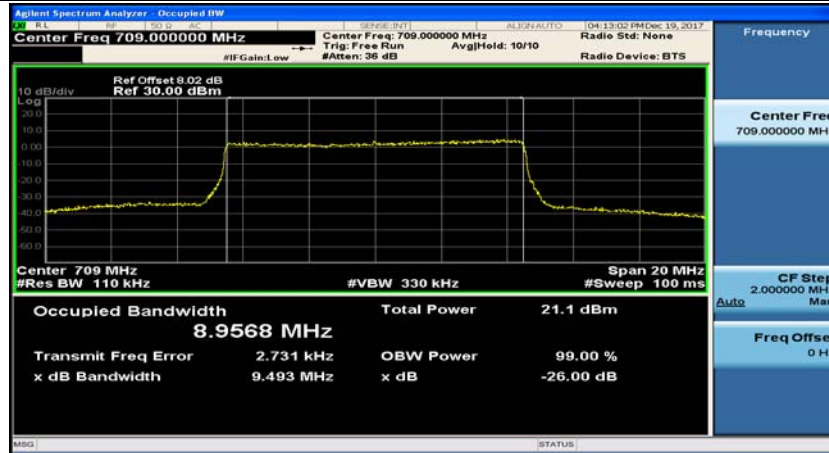
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



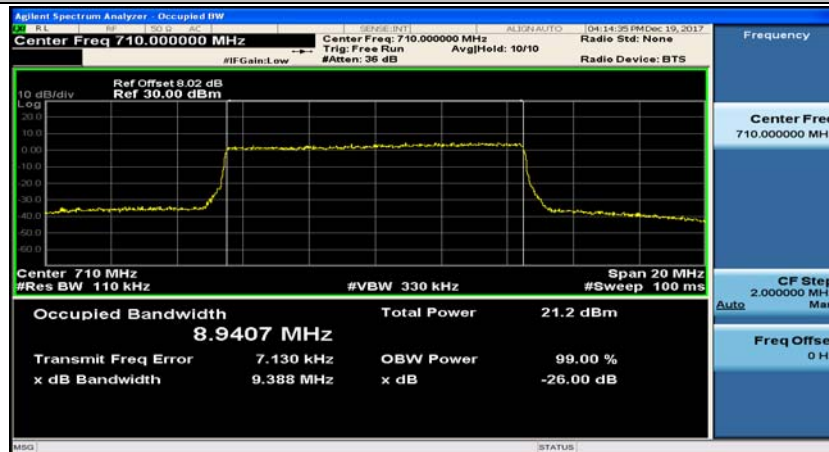
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



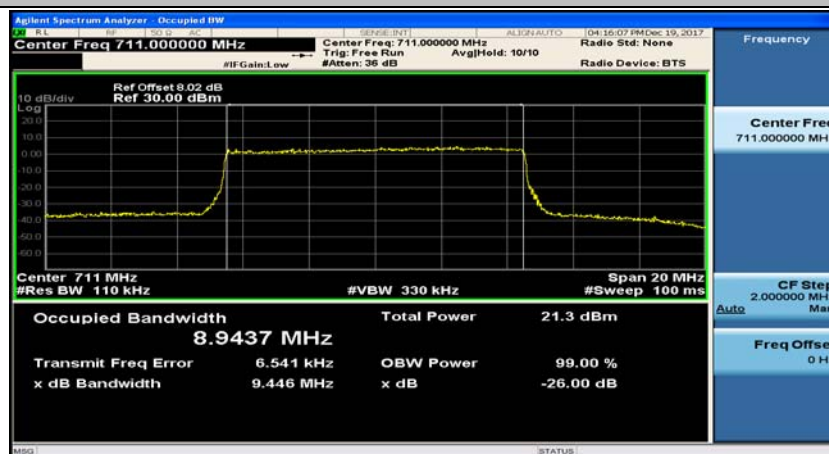
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

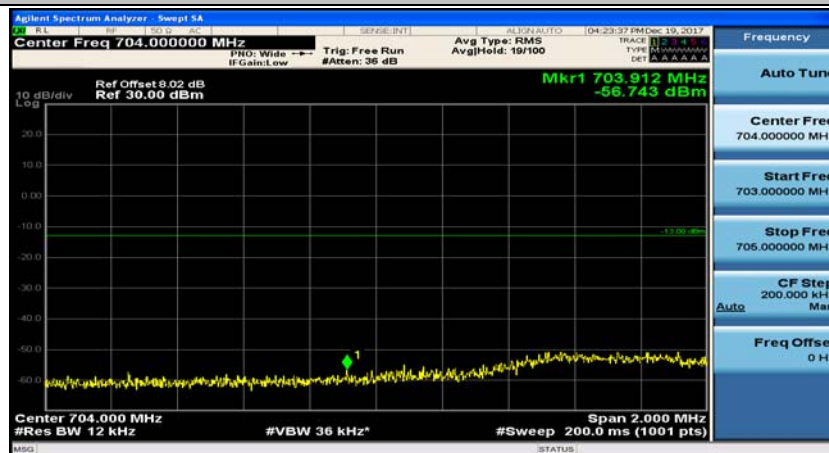
Test Graphs

Channel Bandwidth: 5 MHz

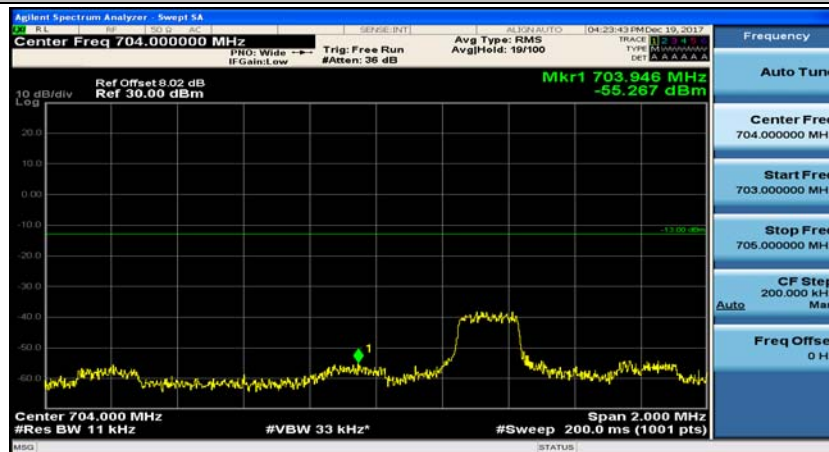
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



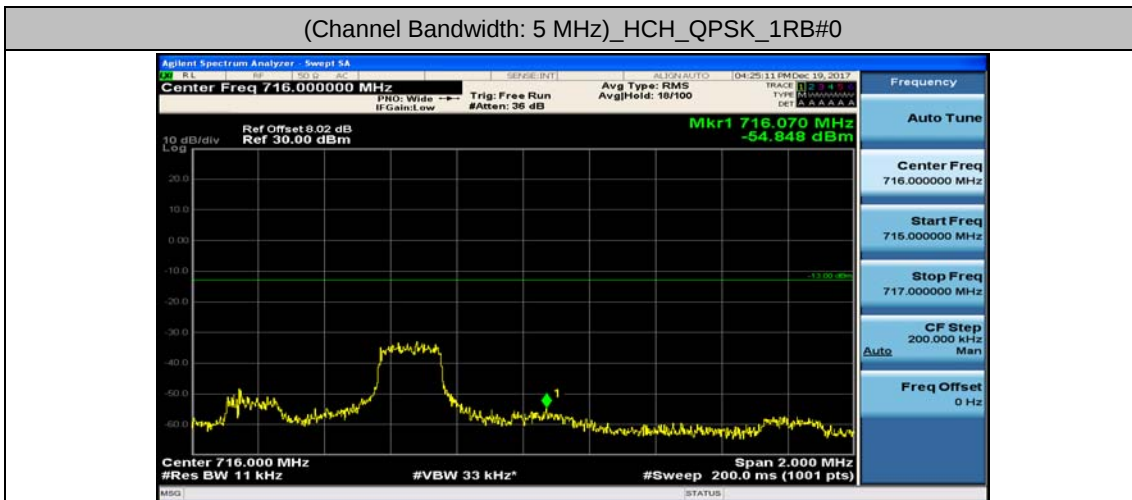
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



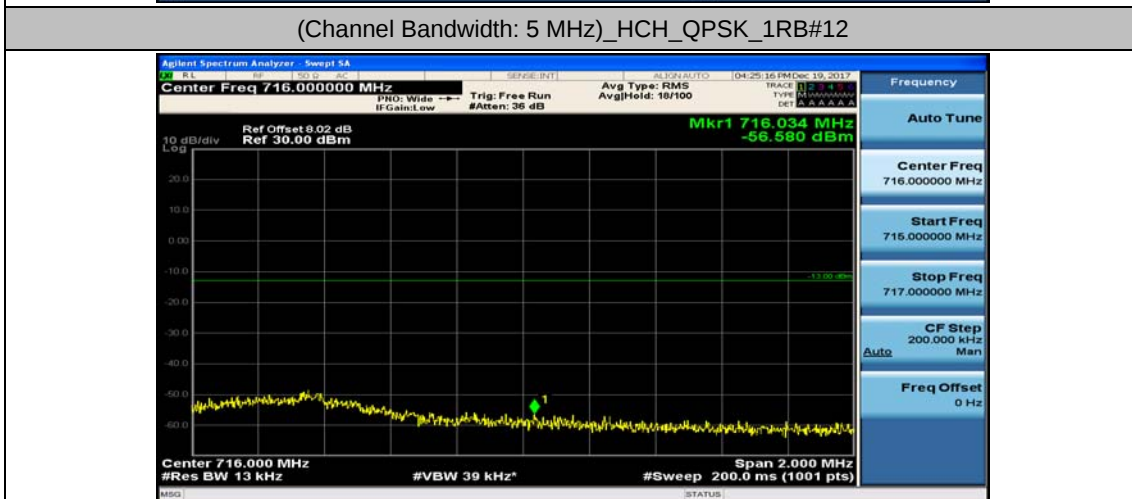
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(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



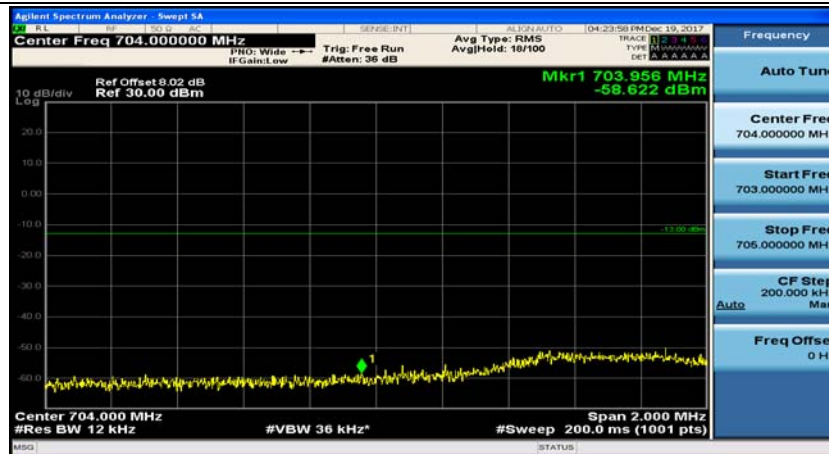
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



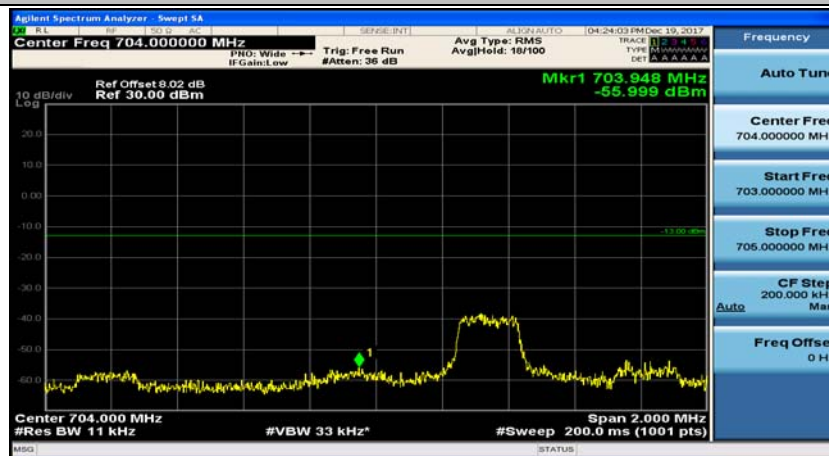
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



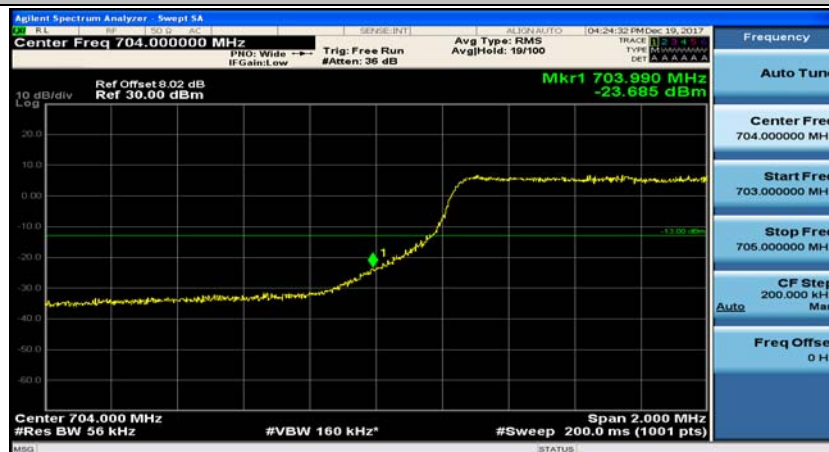
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



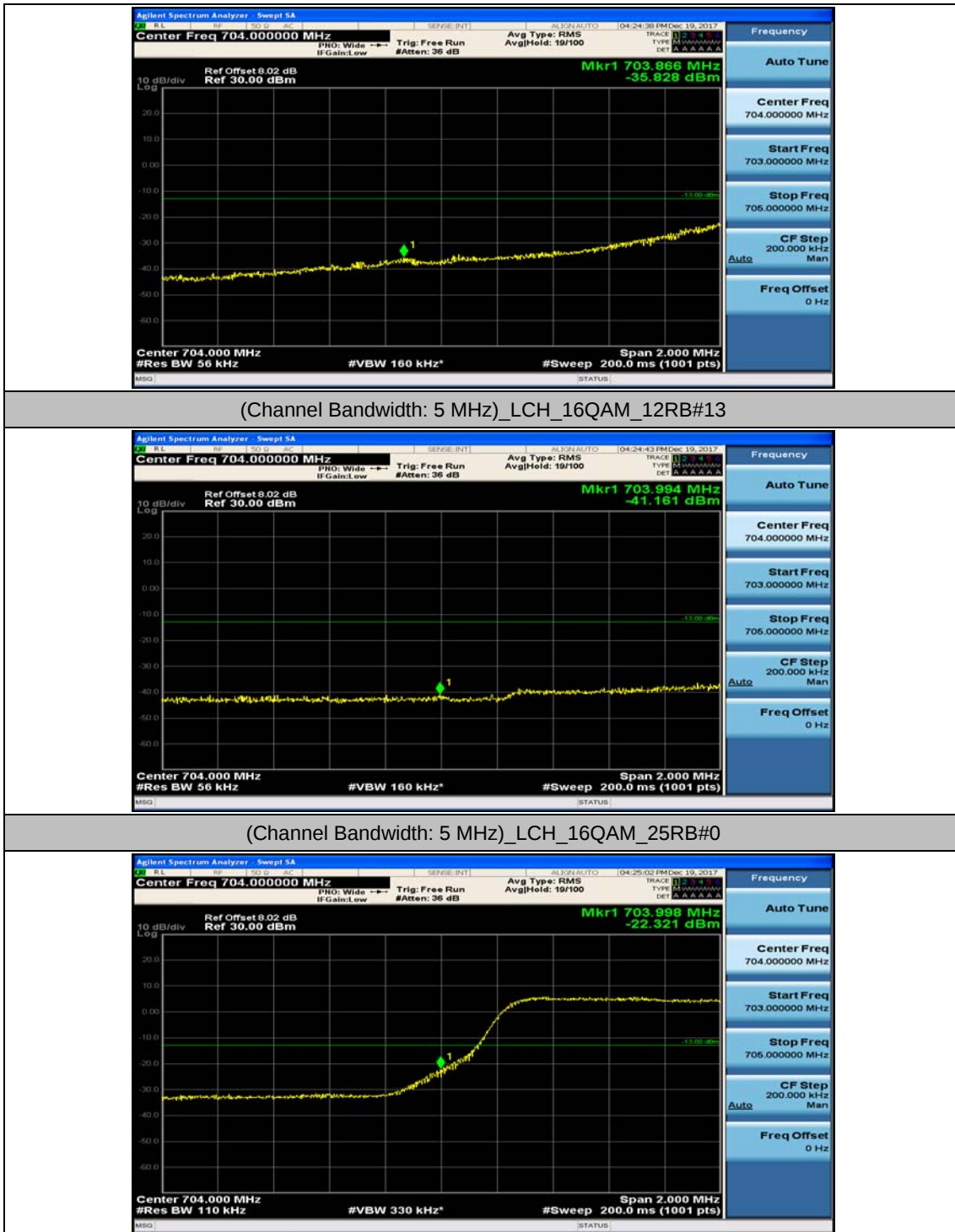
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



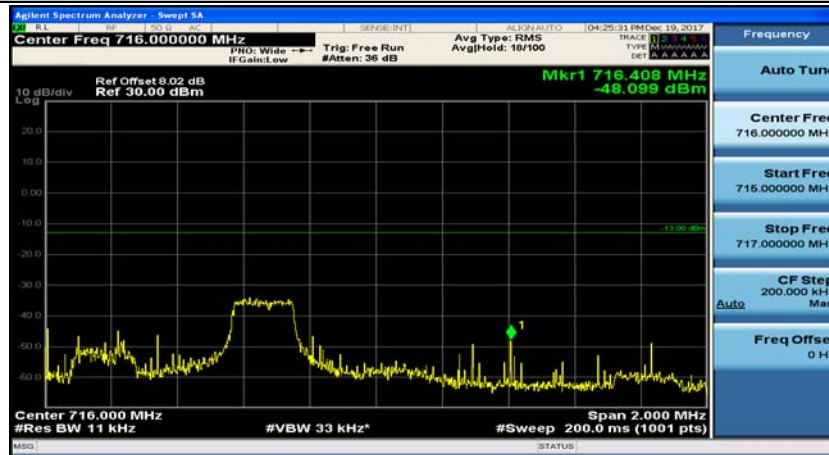
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



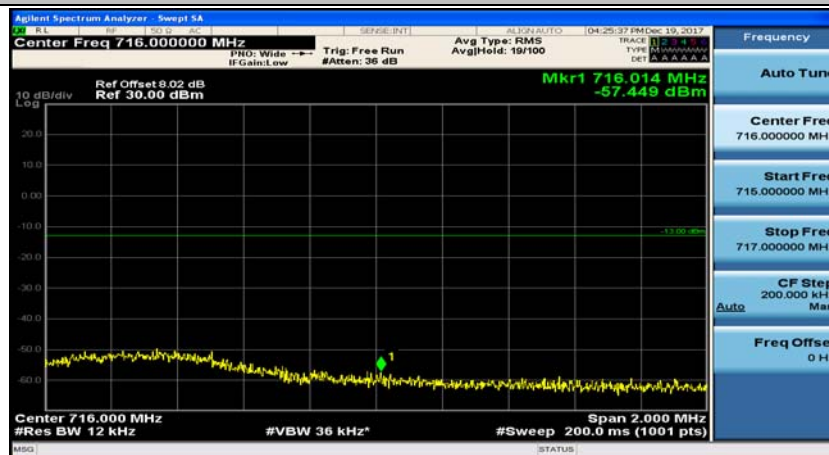
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



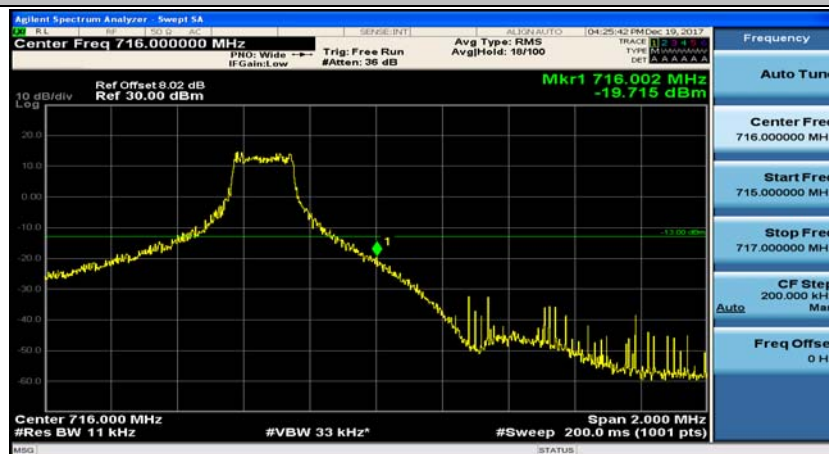
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



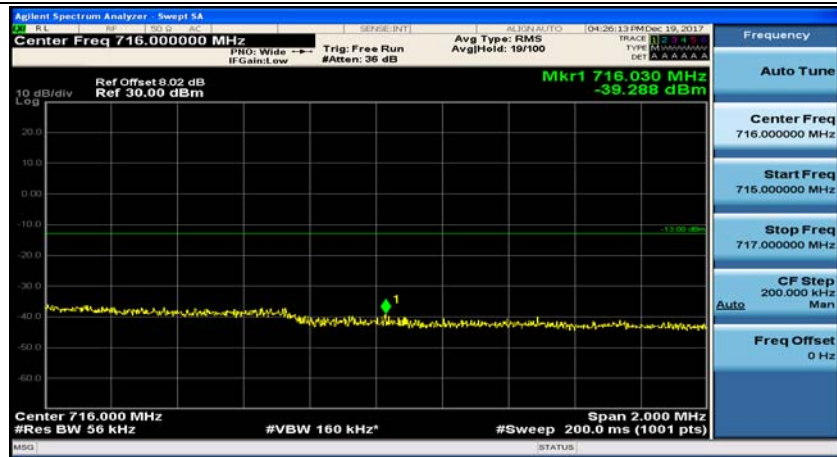
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(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

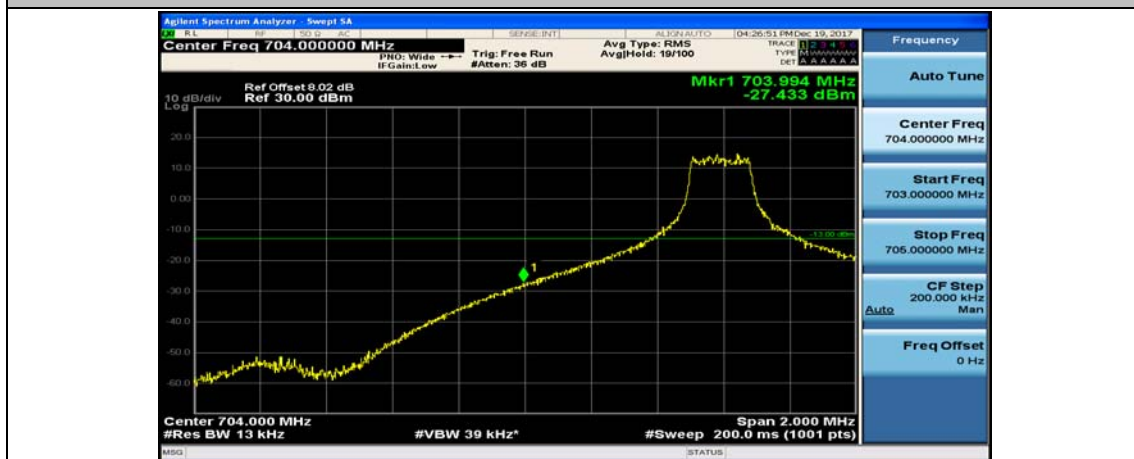


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

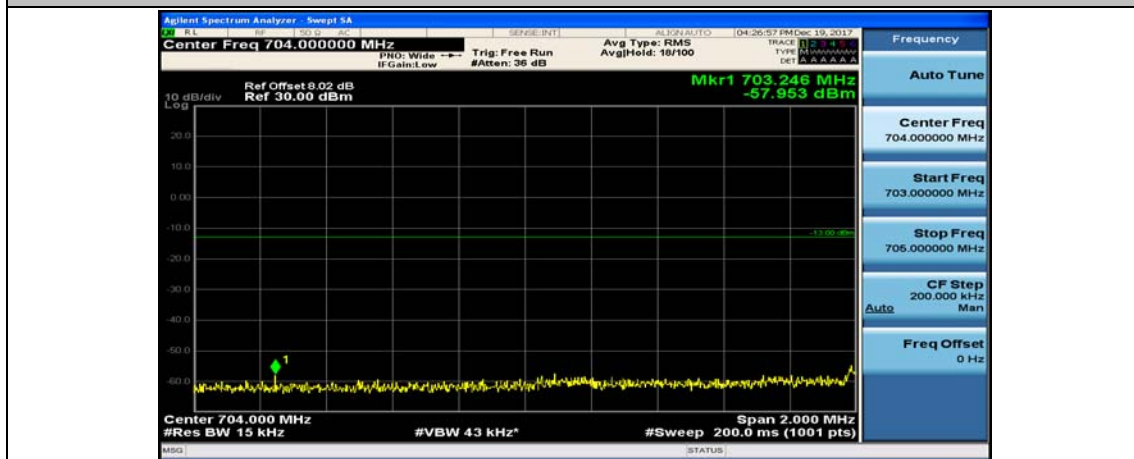


Channel Bandwidth: 10 MHz

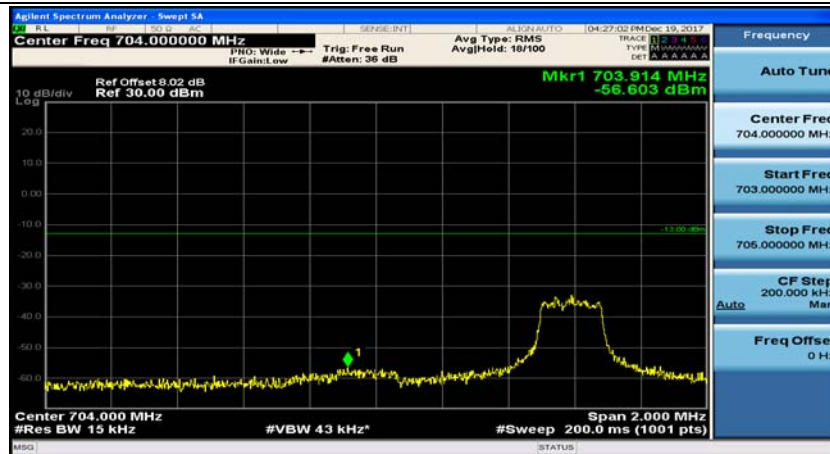
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



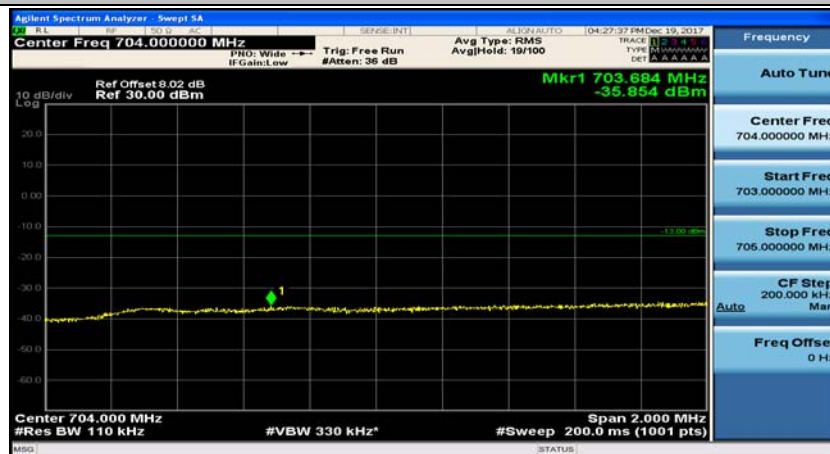
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25