

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	23.97	PASS
		1	12	24.18	PASS
		1	24	24.29	PASS
		12	0	23.14	PASS
		12	6	23.20	PASS
		12	13	23.34	PASS
		25	0	23.13	PASS
	MCH	1	0	24.33	PASS
		1	12	24.31	PASS
		1	24	24.24	PASS
		12	0	23.31	PASS
		12	6	23.27	PASS
		12	13	23.11	PASS
		25	0	23.37	PASS
	HCH	1	0	24.35	PASS
		1	12	24.13	PASS
		1	24	24.01	PASS
		12	0	23.23	PASS
		12	6	23.29	PASS
		12	13	23.29	PASS
		25	0	23.34	PASS
16QAM	LCH	1	0	23.30	PASS
		1	12	23.58	PASS
		1	24	23.71	PASS
		12	0	22.26	PASS
		12	6	22.34	PASS
		12	13	22.51	PASS
		25	0	22.24	PASS
	MCH	1	0	23.37	PASS
		1	12	23.40	PASS
		1	24	23.19	PASS
		12	0	22.49	PASS
		12	6	22.33	PASS

		12	13	22.11	PASS
		25	0	22.44	PASS
	HCH	1	0	23.53	PASS
		1	12	23.37	PASS
		1	24	23.37	PASS
		12	0	22.48	PASS
		12	6	22.52	PASS
		12	13	22.44	PASS
		25	0	22.48	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.00	PASS
		1	24	24.31	PASS
		1	49	23.93	PASS
		25	0	23.19	PASS
		25	12	23.37	PASS
		25	25	23.21	PASS
		50	0	23.29	PASS
	MCH	1	0	24.04	PASS
		1	24	24.41	PASS
		1	49	23.95	PASS
		25	0	23.25	PASS
		25	12	23.26	PASS
		25	25	23.31	PASS
		50	0	23.33	PASS
	HCH	1	0	24.16	PASS
		1	24	23.95	PASS
		1	49	23.67	PASS
		25	0	23.36	PASS
		25	12	23.16	PASS
		25	25	23.37	PASS
		50	0	23.34	PASS
16QAM	LCH	1	0	23.25	PASS
		1	24	23.62	PASS
		1	49	23.29	PASS
		25	0	22.26	PASS
		25	12	22.43	PASS
		25	25	22.22	PASS
		50	0	22.39	PASS
	MCH	1	0	23.31	PASS

		1	24	23.64	PASS
		1	49	23.37	PASS
		25	0	22.32	PASS
		25	12	22.30	PASS
		25	25	22.29	PASS
		50	0	22.44	PASS
	HCH	1	0	23.52	PASS
		1	24	23.41	PASS
		1	49	23.17	PASS
		25	0	22.45	PASS
		25	12	22.19	PASS
		25	25	22.42	PASS
		50	0	22.55	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	3.3	<13	PASS
		1	12	3.71	<13	PASS
		1	24	4.1	<13	PASS
		12	0	4.51	<13	PASS
		12	6	4.76	<13	PASS
		12	13	5.04	<13	PASS
		25	0	4.88	<13	PASS
	MCH	1	0	4.1	<13	PASS
		1	12	4.19	<13	PASS
		1	24	3.55	<13	PASS
		12	0	5.2	<13	PASS
		12	6	5.28	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.19	<13	PASS
	HCH	1	0	3.69	<13	PASS
		1	12	2.79	<13	PASS
		1	24	1.95	<13	PASS
		12	0	4.43	<13	PASS
		12	6	3.68	<13	PASS
		12	13	2.96	<13	PASS
		25	0	3.59	<13	PASS
16QAM	LCH	1	0	4.28	<13	PASS
		1	12	4.61	<13	PASS
		1	24	5.12	<13	PASS
		12	0	5.33	<13	PASS
		12	6	5.59	<13	PASS
		12	13	5.91	<13	PASS
		25	0	5.7	<13	PASS
	MCH	1	0	4.75	<13	PASS
		1	12	5.13	<13	PASS
		1	24	4.34	<13	PASS
		12	0	6.09	<13	PASS
		12	6	6.24	<13	PASS

		12	13	6.07	<13	PASS
		25	0	5.99	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	12	3.62	<13	PASS
		1	24	2.78	<13	PASS
		12	0	5.34	<13	PASS
		12	6	4.63	<13	PASS
		12	13	3.97	<13	PASS
		25	0	4.59	<13	PASS

Channel Bandwidth: 10 MHz

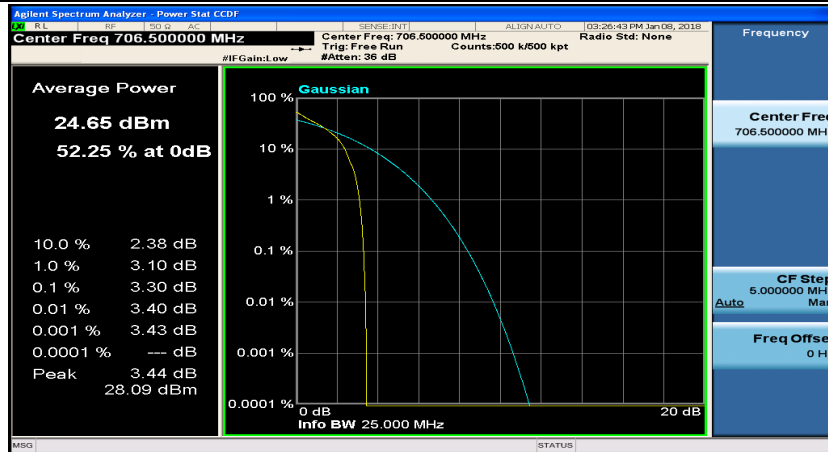
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.44	<13	PASS
		1	24	4.28	<13	PASS
		1	49	2.98	<13	PASS
		25	0	4.89	<13	PASS
		25	12	5.16	<13	PASS
		25	25	4.91	<13	PASS
		50	0	4.79	<13	PASS
	MCH	1	0	3.58	<13	PASS
		1	24	4.3	<13	PASS
		1	49	2.35	<13	PASS
		25	0	5.04	<13	PASS
		25	12	5.25	<13	PASS
		25	25	4.34	<13	PASS
		50	0	4.56	<13	PASS
	HCH	1	0	3.82	<13	PASS
		1	24	4.16	<13	PASS
		1	49	2.17	<13	PASS
		25	0	5.13	<13	PASS
		25	12	5.03	<13	PASS
		25	25	3.72	<13	PASS
		50	0	4.22	<13	PASS
16QAM	LCH	1	0	4.18	<13	PASS
		1	24	5.07	<13	PASS
		1	49	3.81	<13	PASS
		25	0	5.73	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.85	<13	PASS

		50	0	5.65	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	24	5.23	<13	PASS
		1	49	3.11	<13	PASS
		25	0	5.88	<13	PASS
		25	12	6.1	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.47	<13	PASS
	HCH	1	0	4.7	<13	PASS
		1	24	5.13	<13	PASS
		1	49	2.97	<13	PASS
		25	0	5.97	<13	PASS
		25	12	5.98	<13	PASS
		25	25	4.65	<13	PASS
		50	0	5.2	<13	PASS

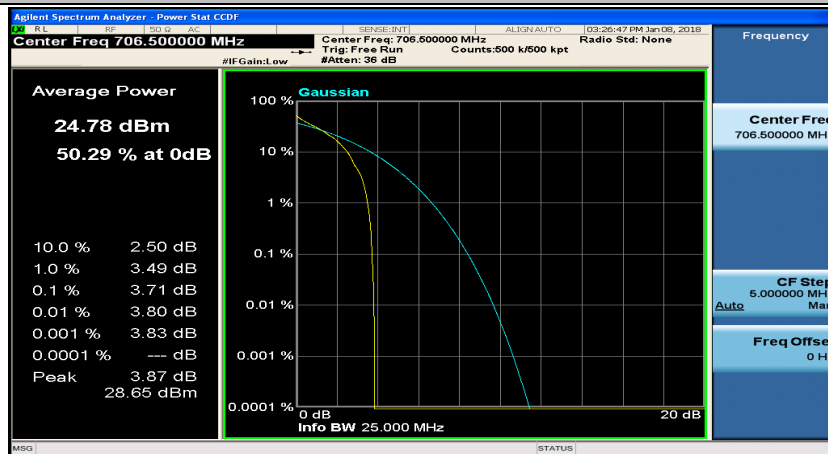
Test Graphs

Channel Bandwidth: 5 MHz

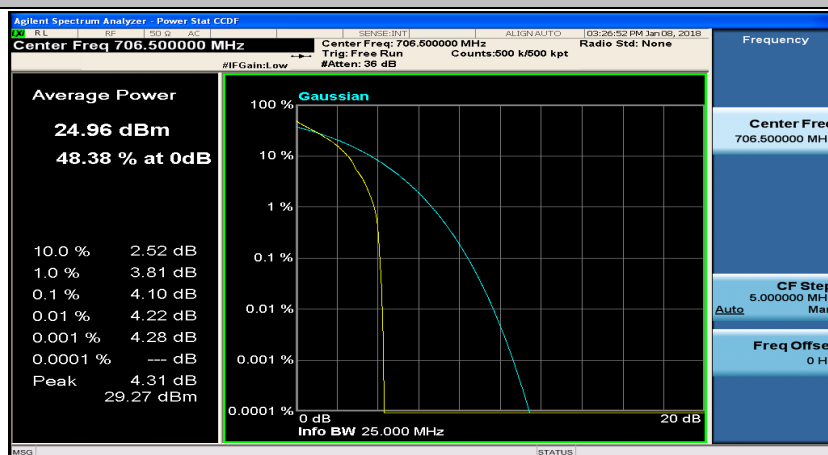
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



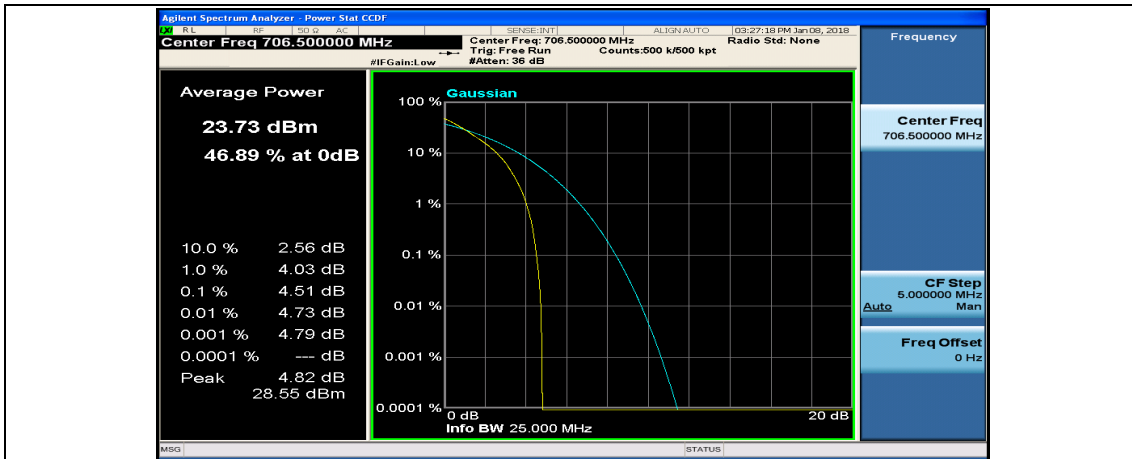
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



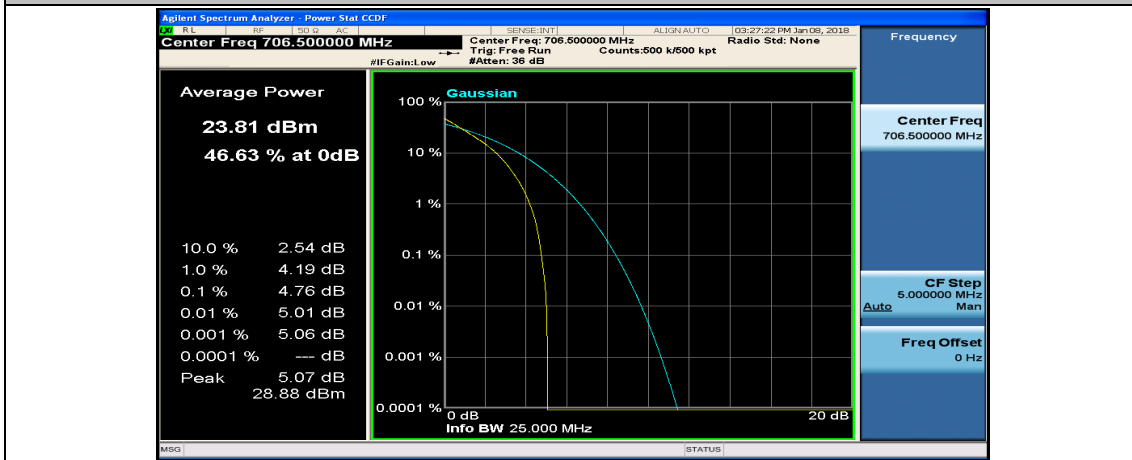
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



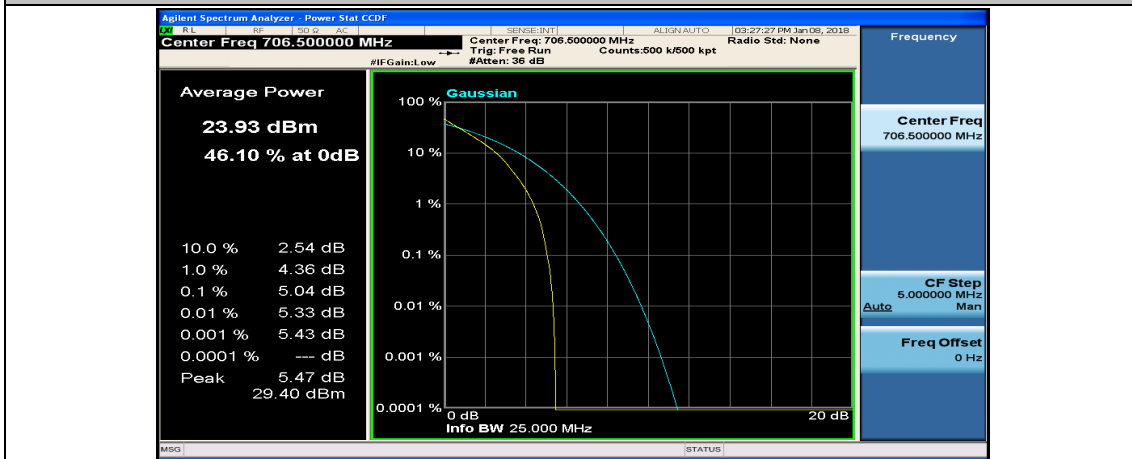
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



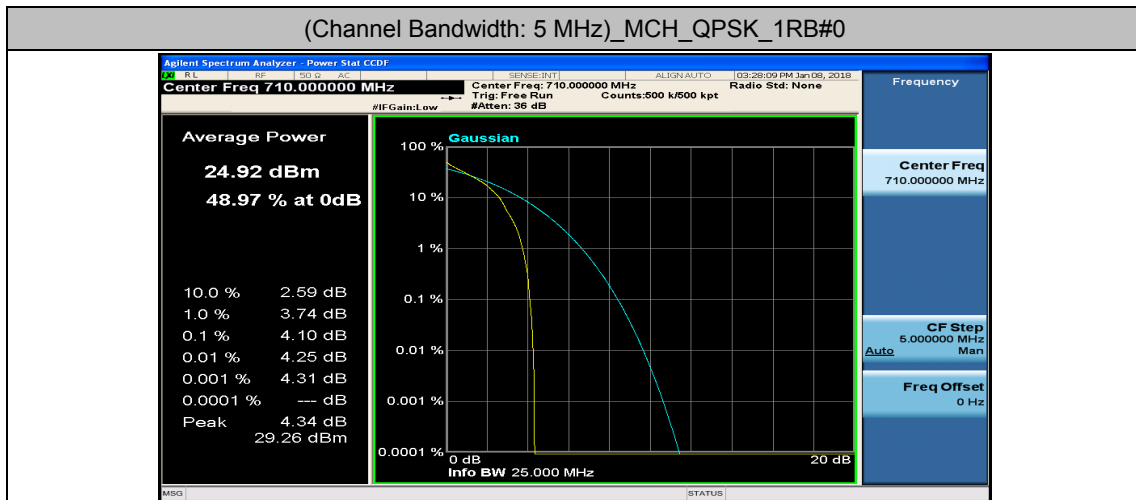
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



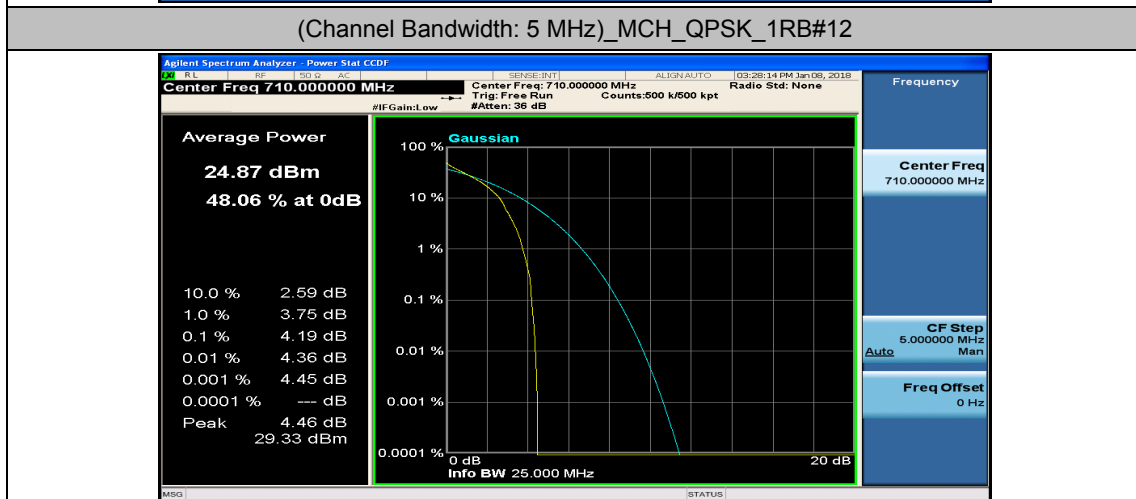
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



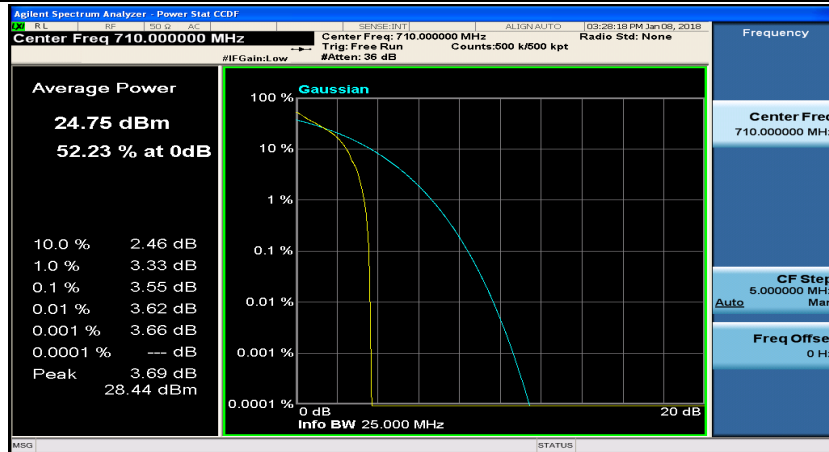
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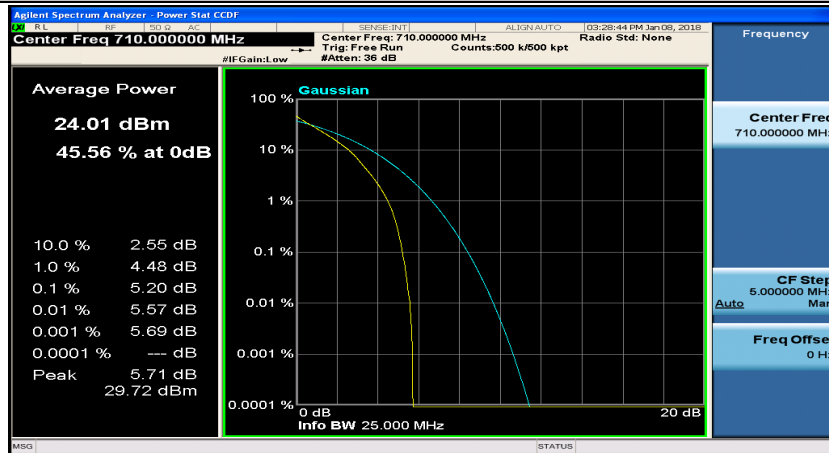
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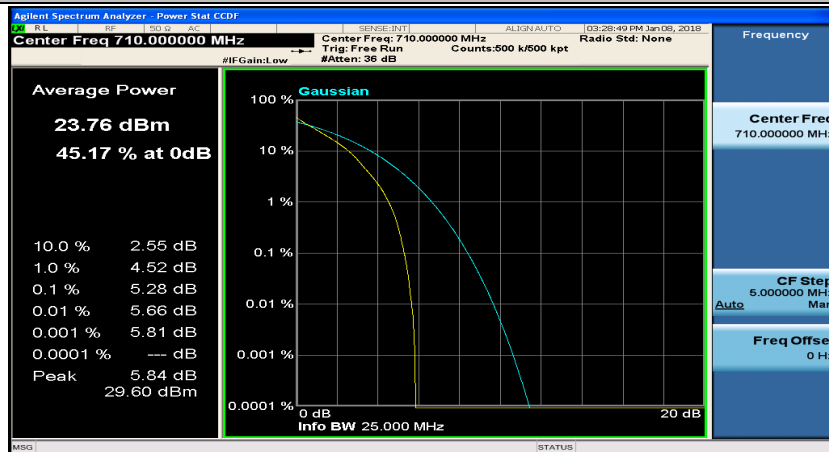
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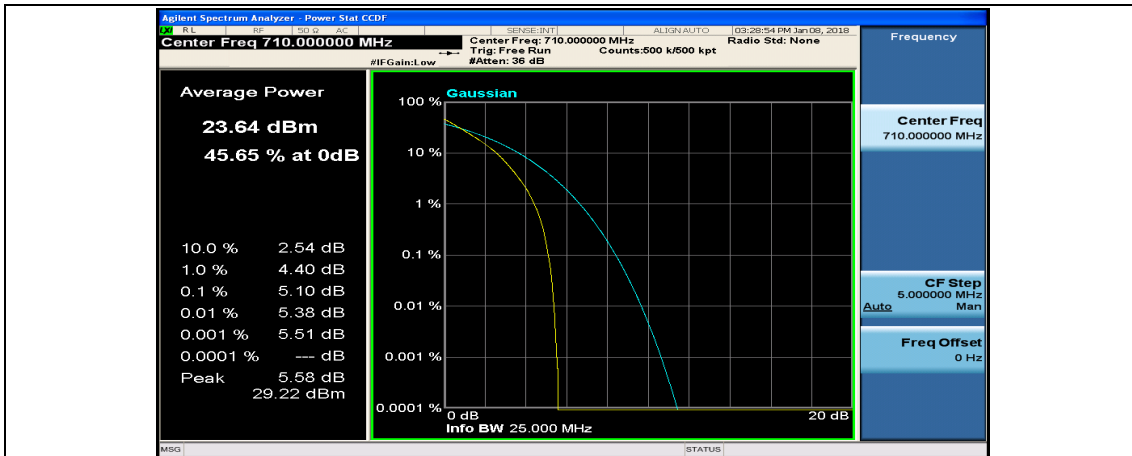
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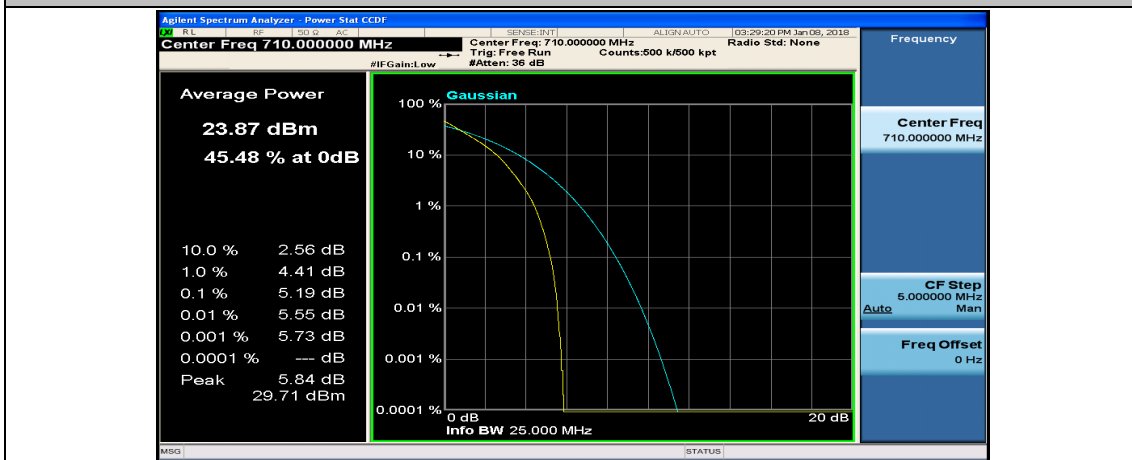
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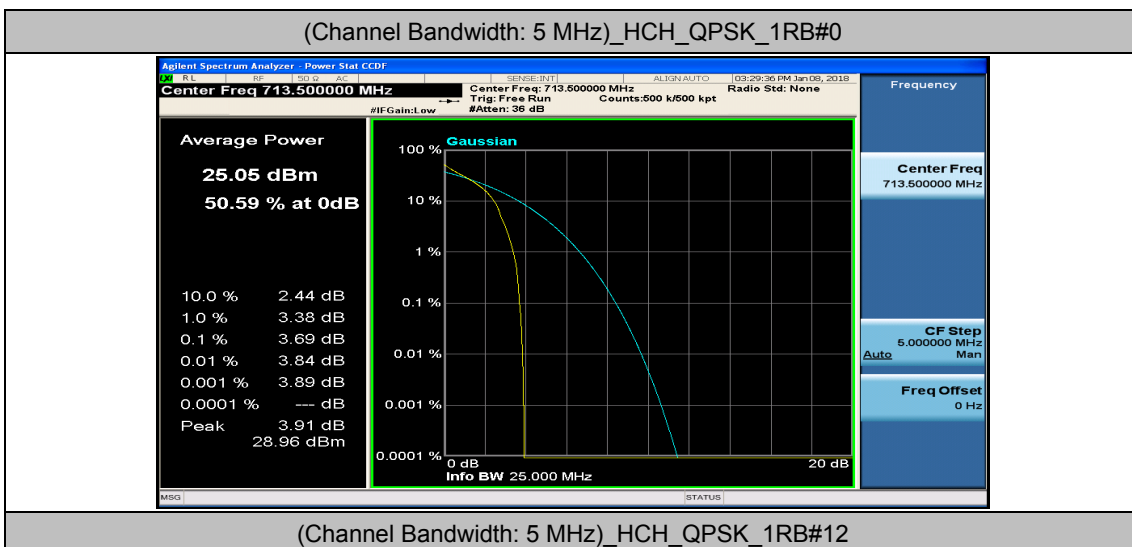
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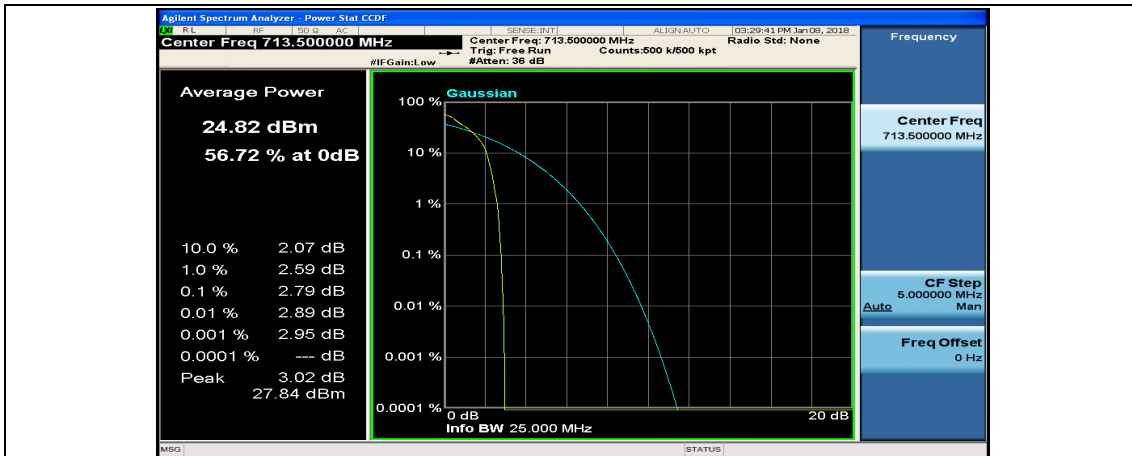
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



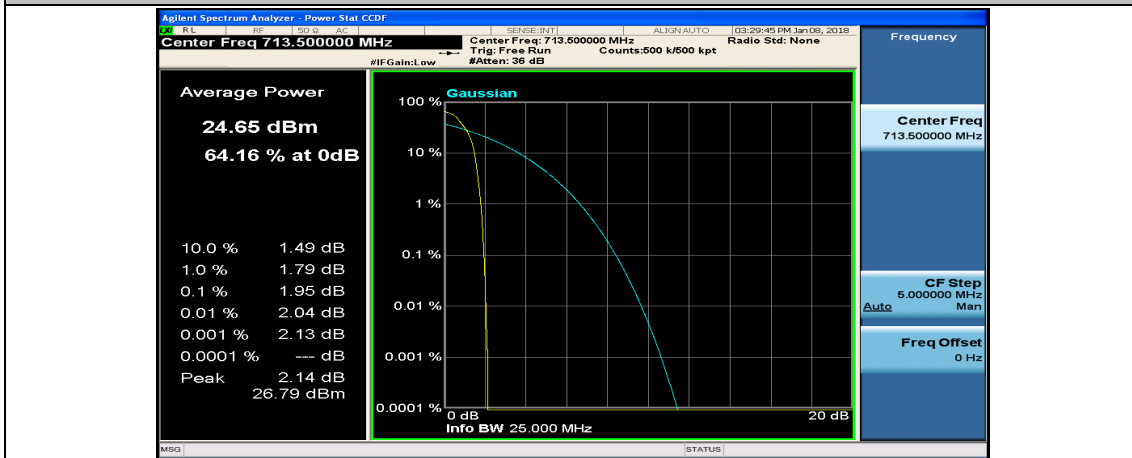
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



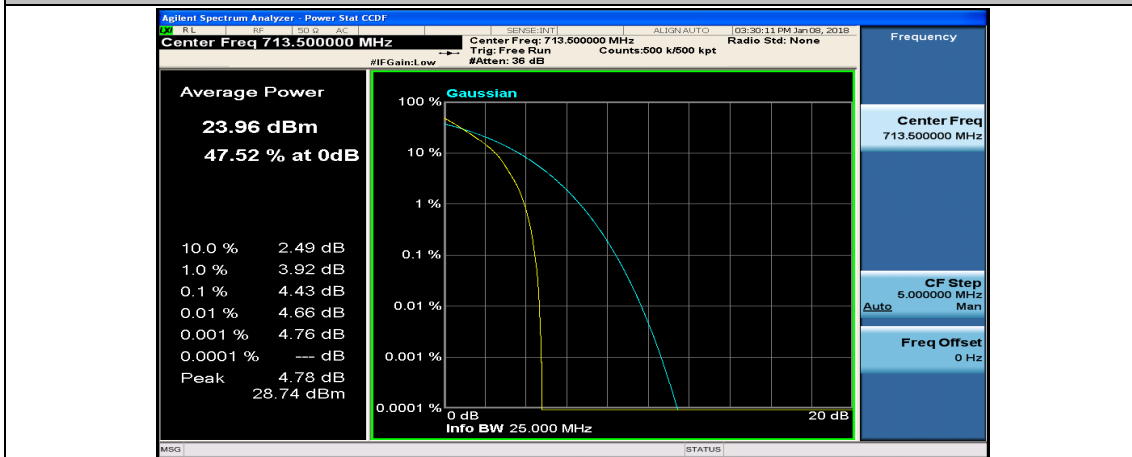
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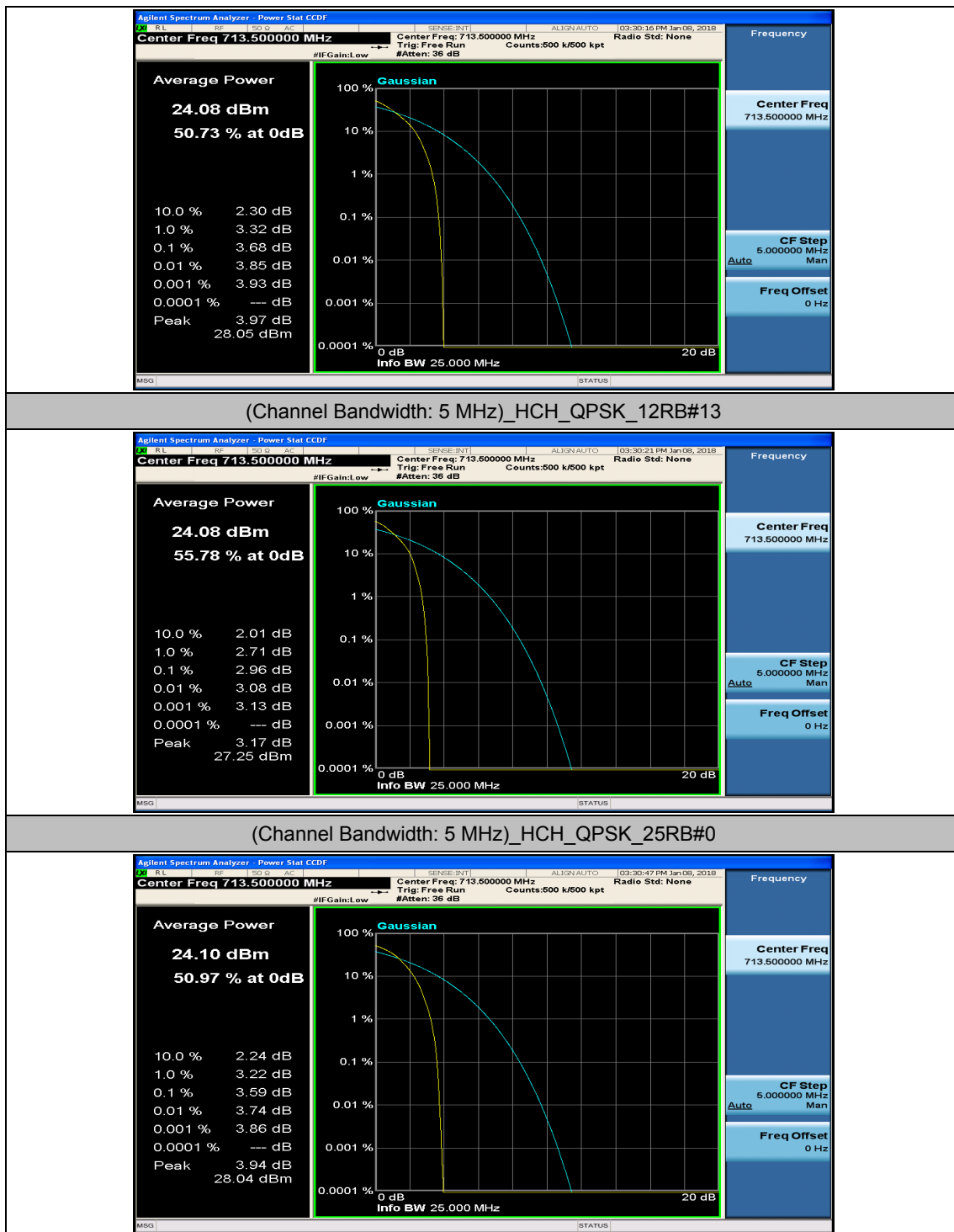
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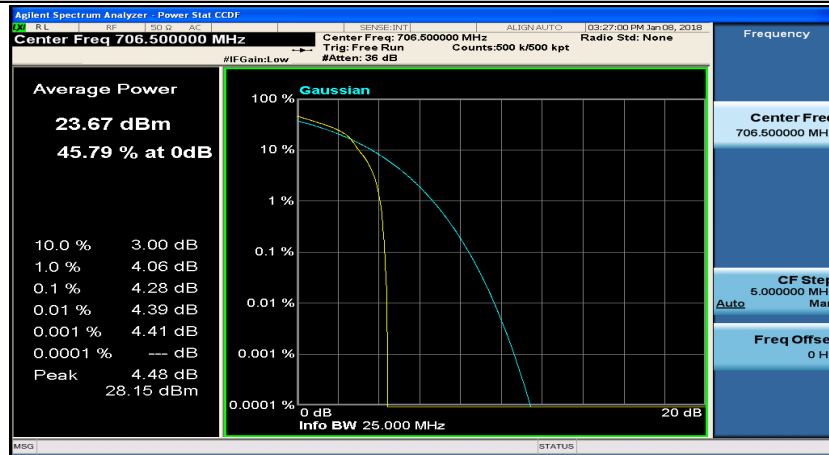
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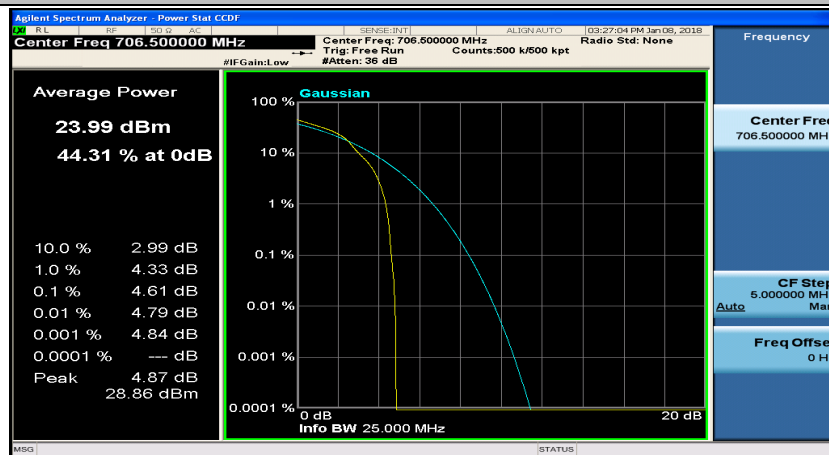
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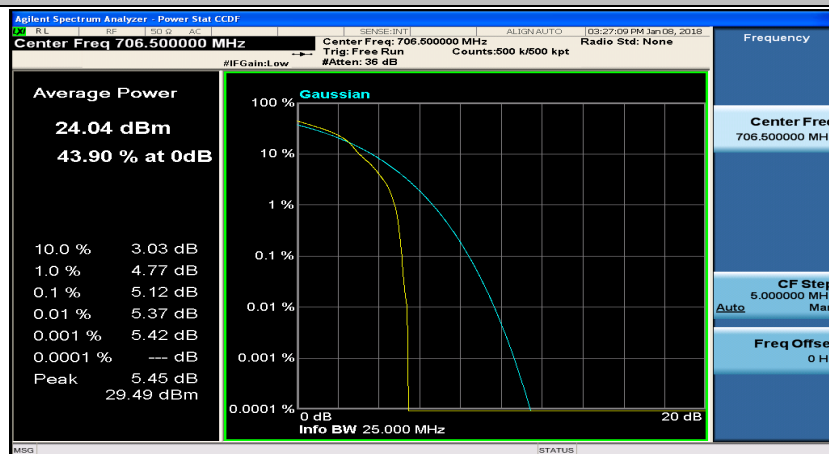
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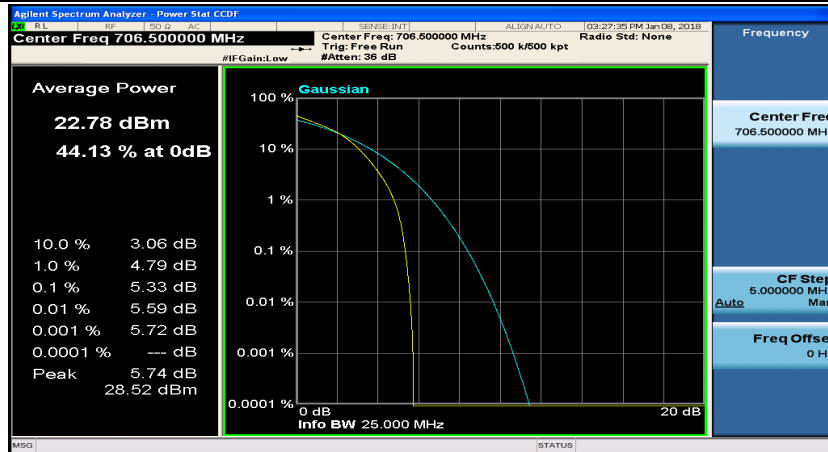
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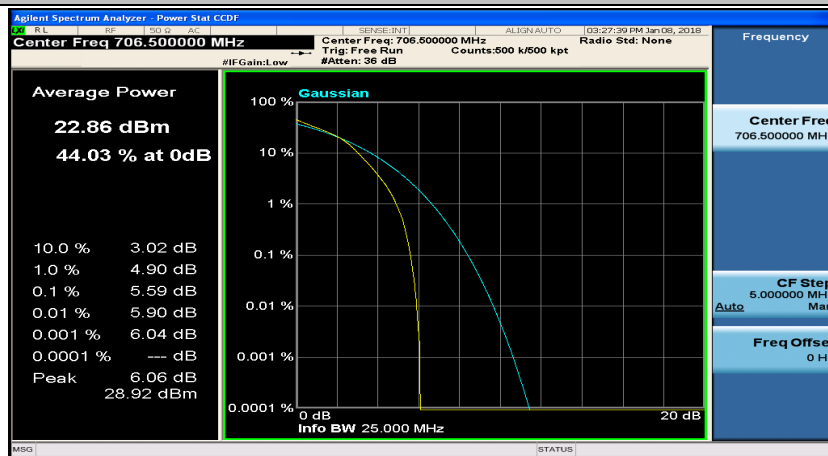
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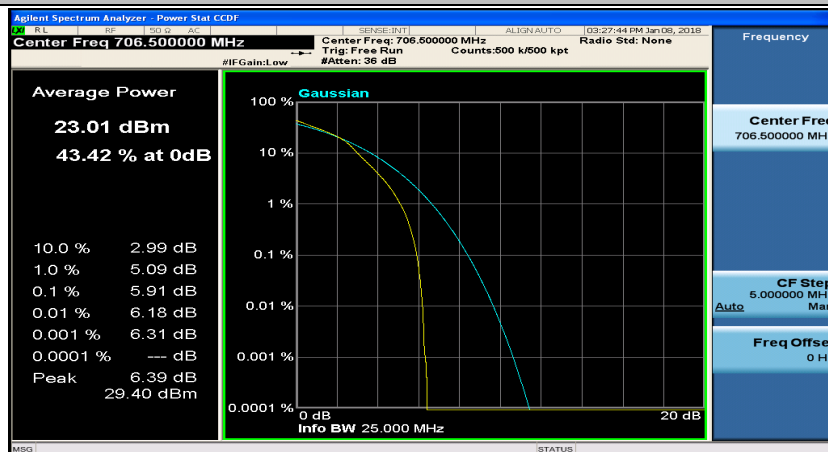
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



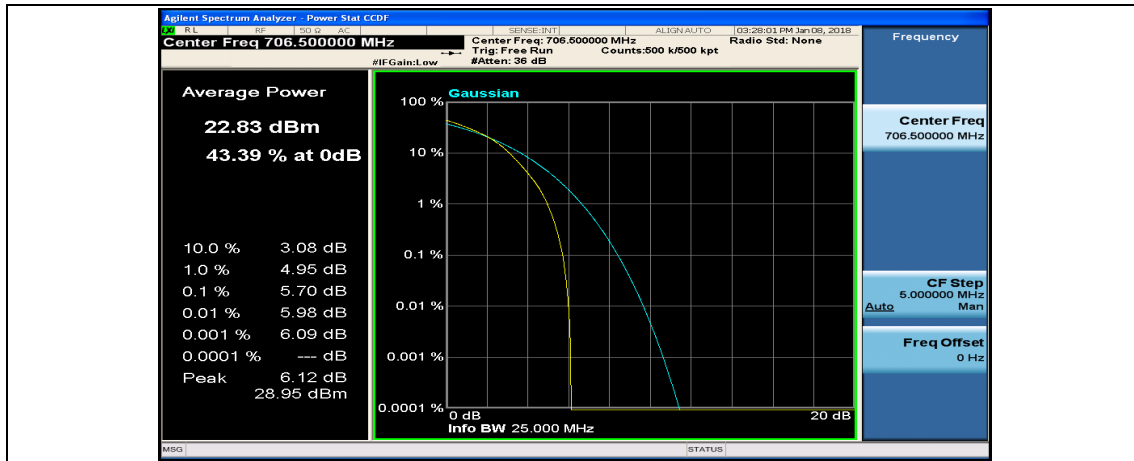
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



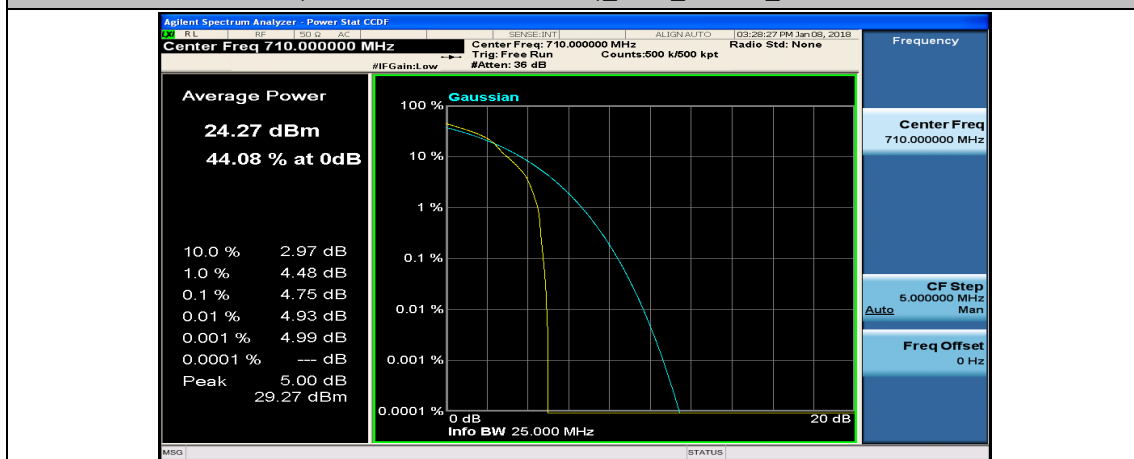
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



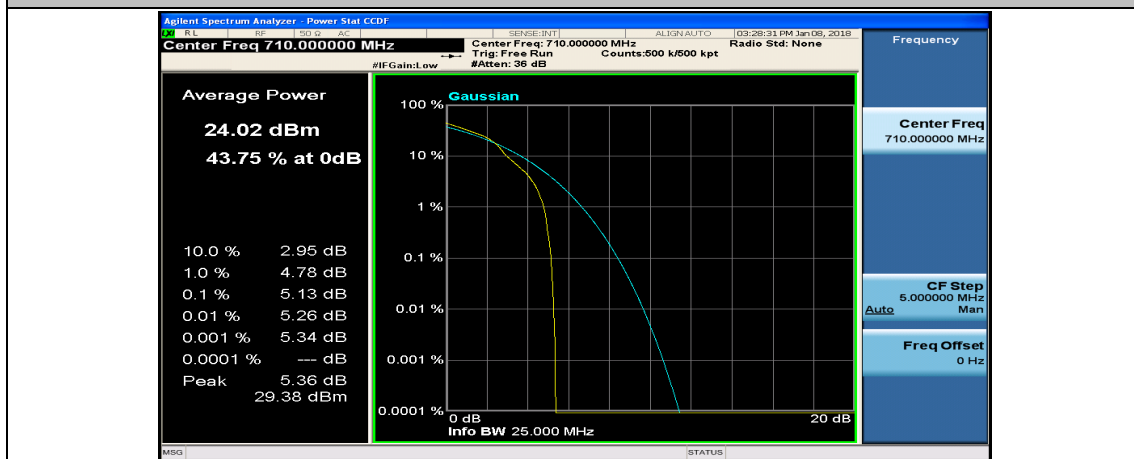
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



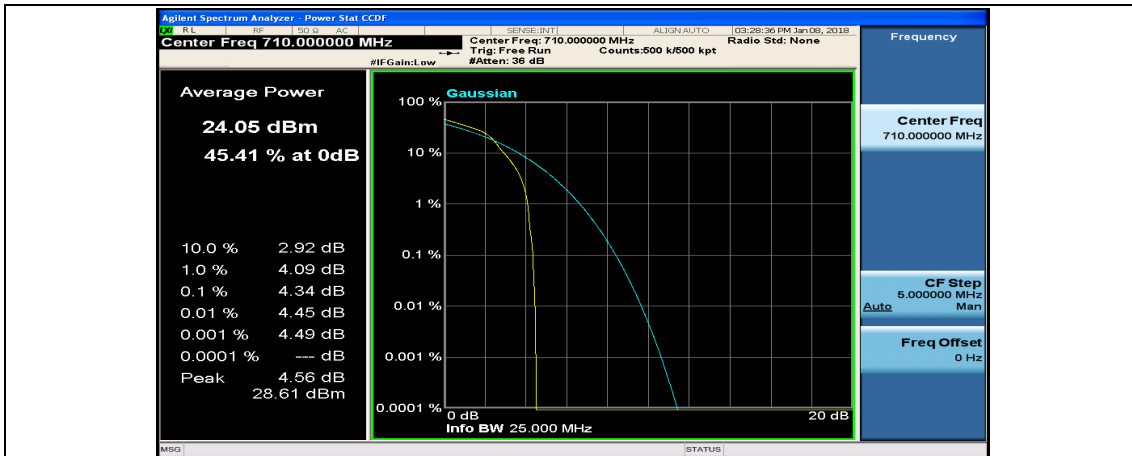
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



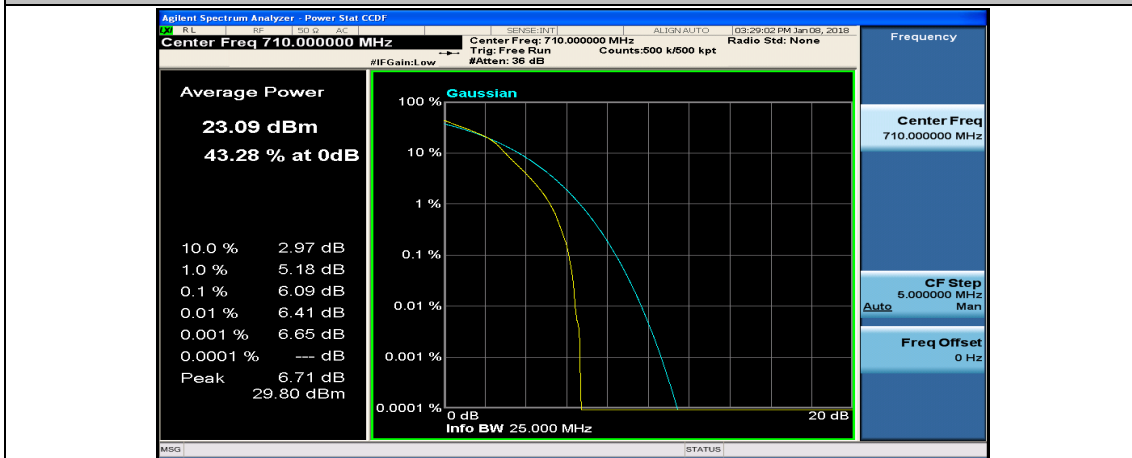
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



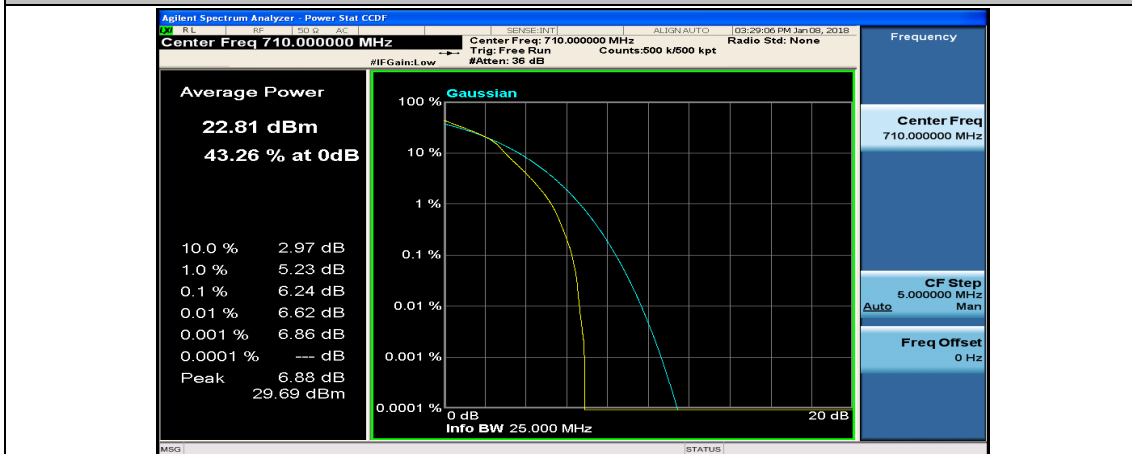
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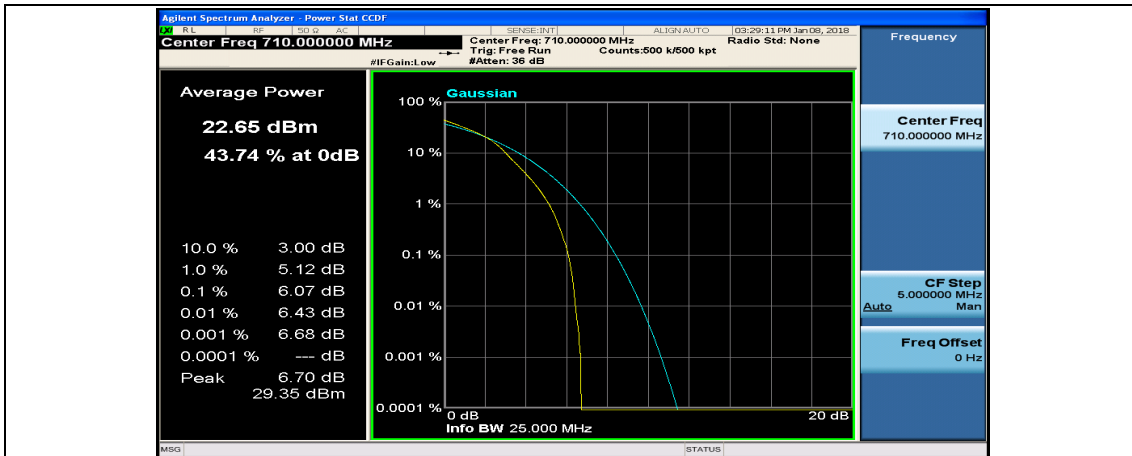
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



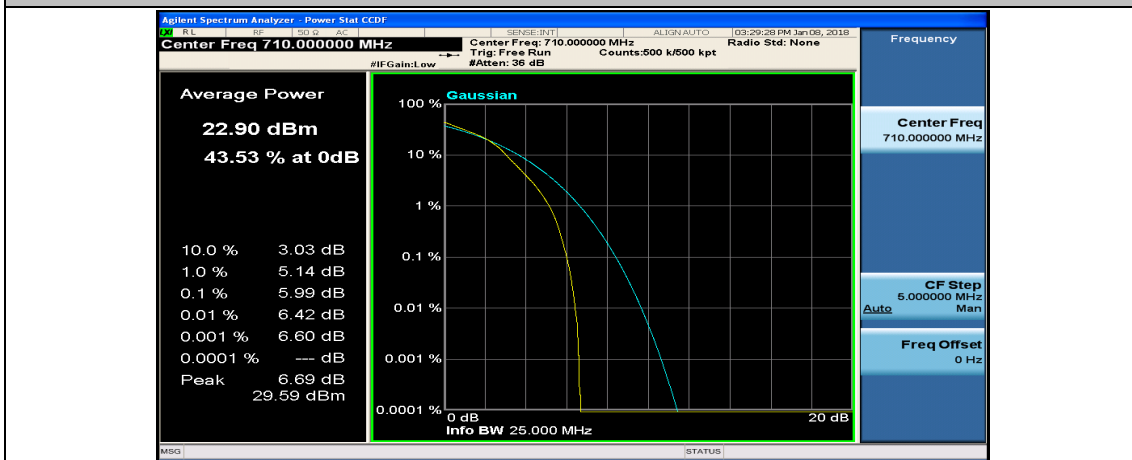
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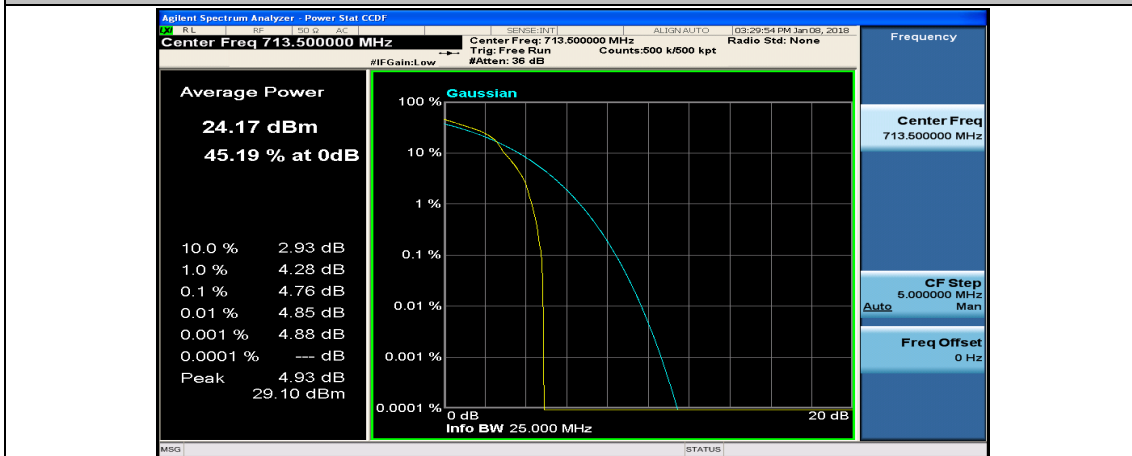
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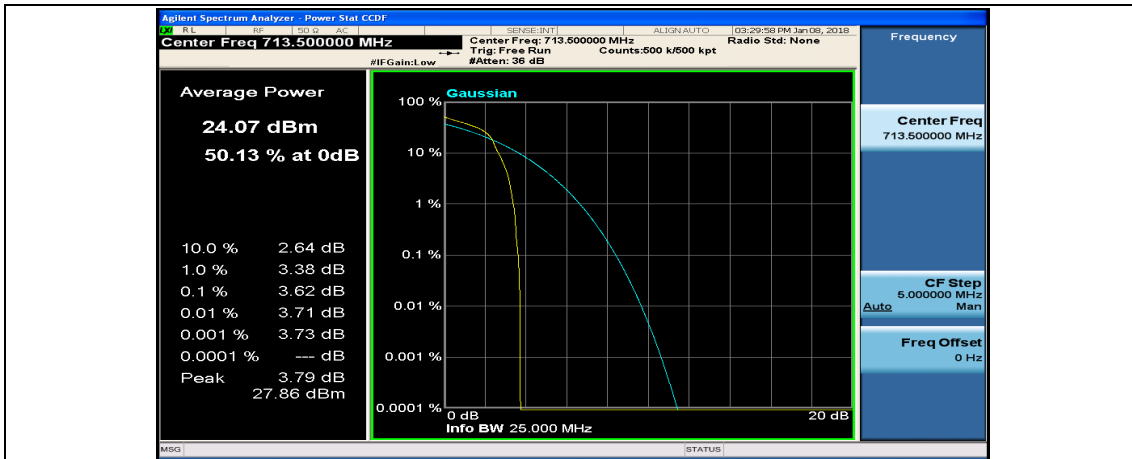
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



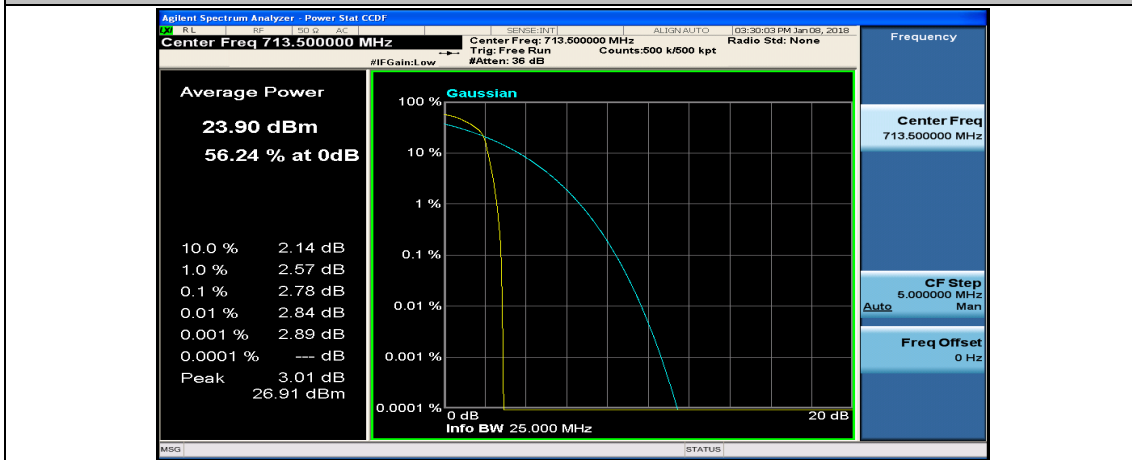
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



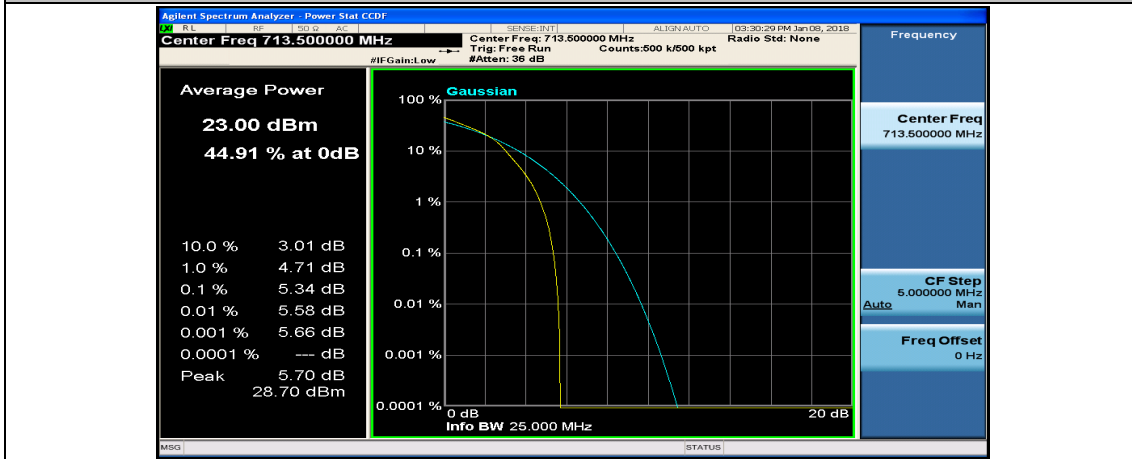
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



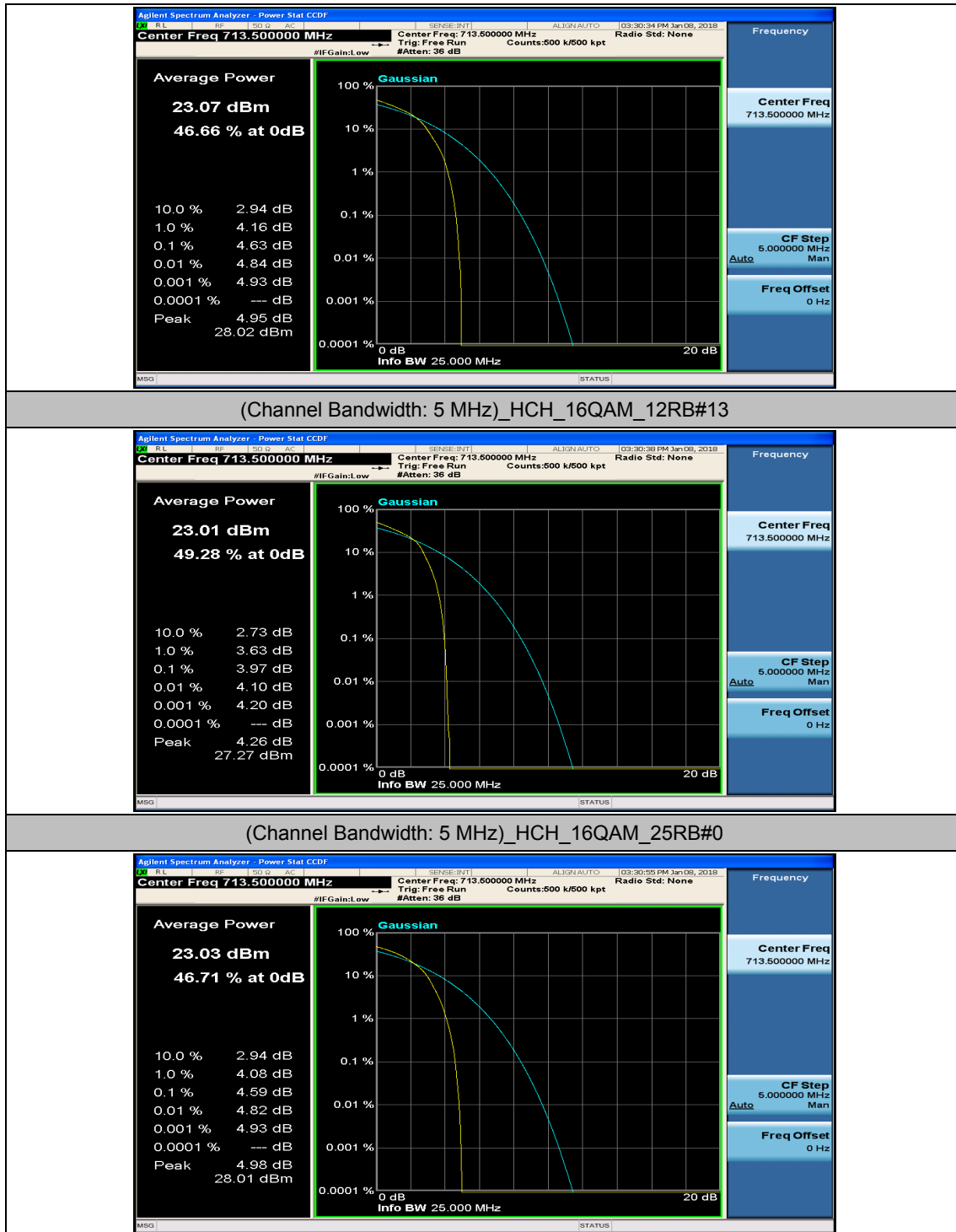
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



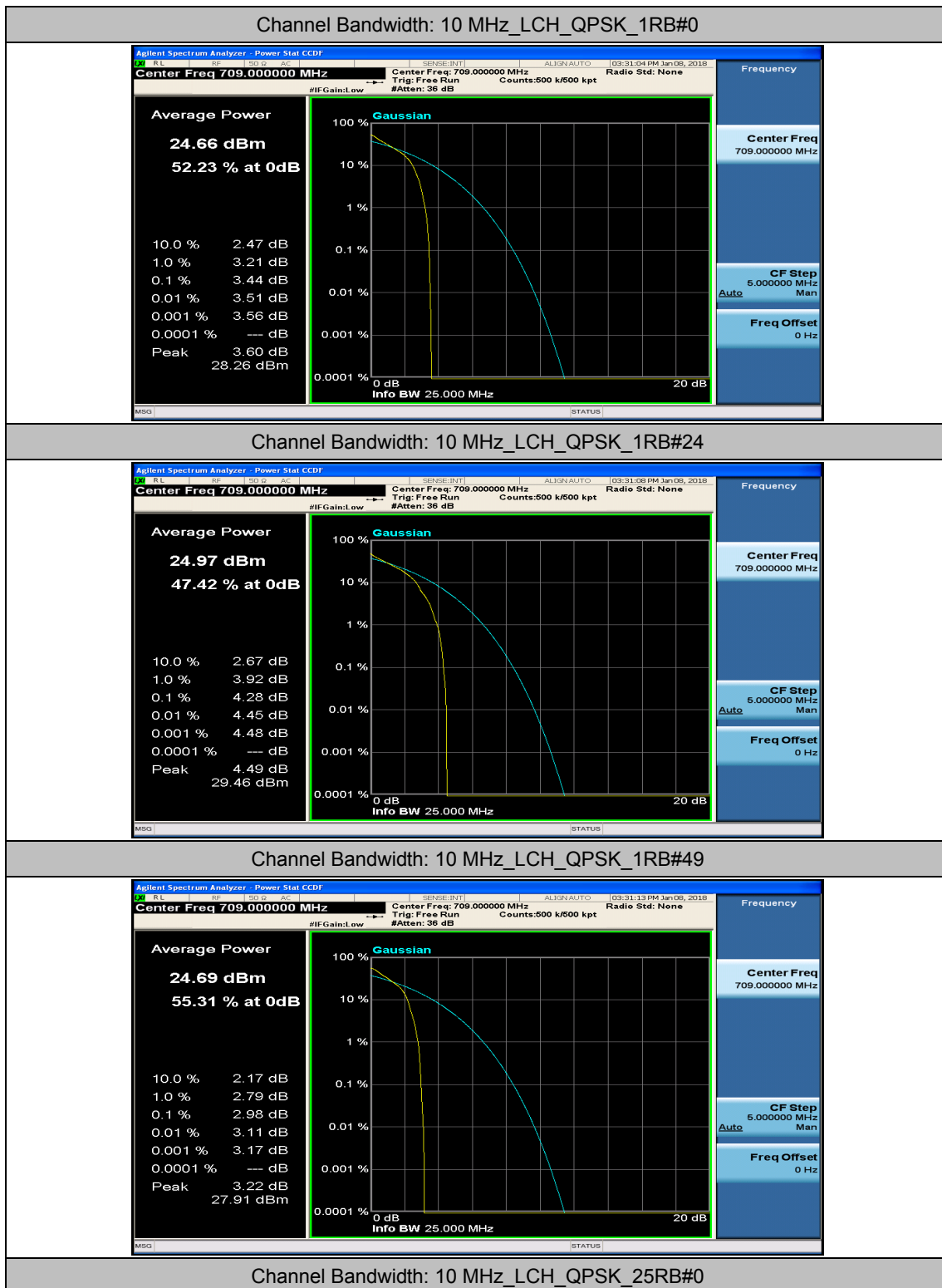
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

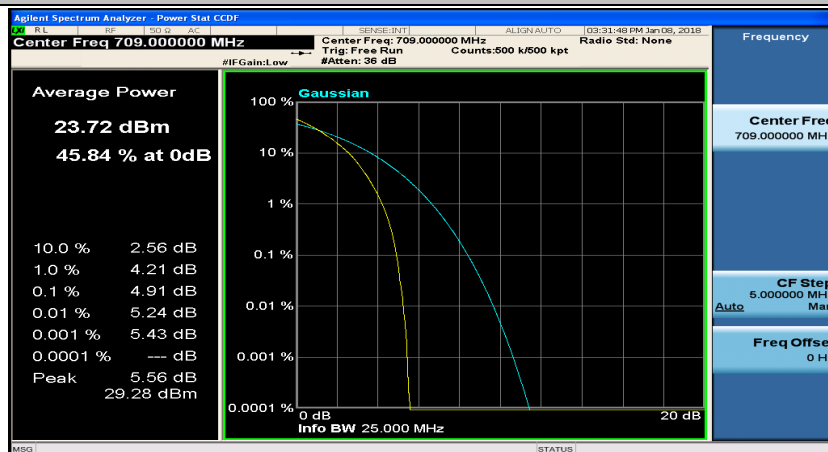
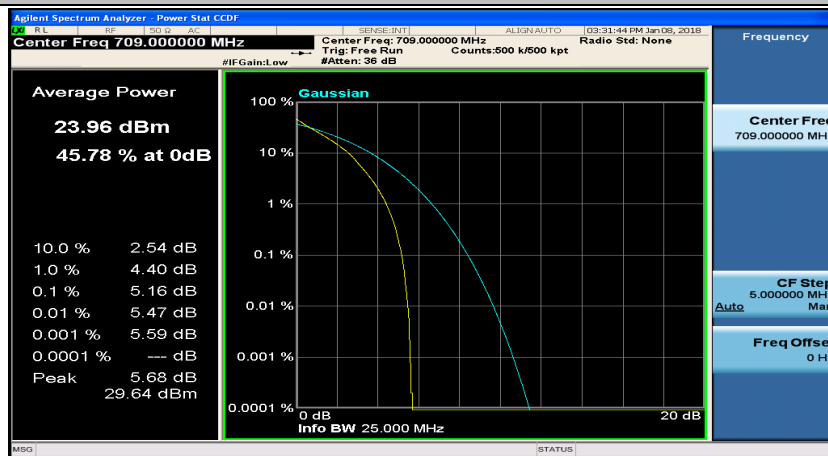
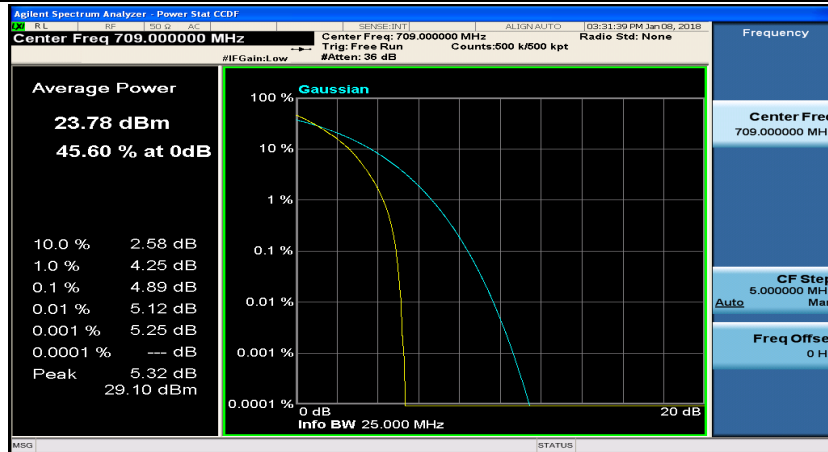


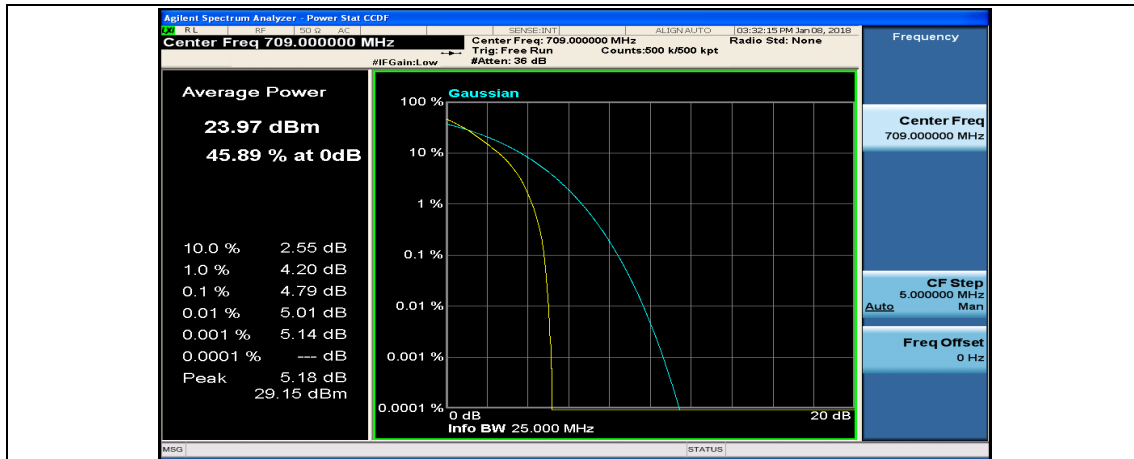
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



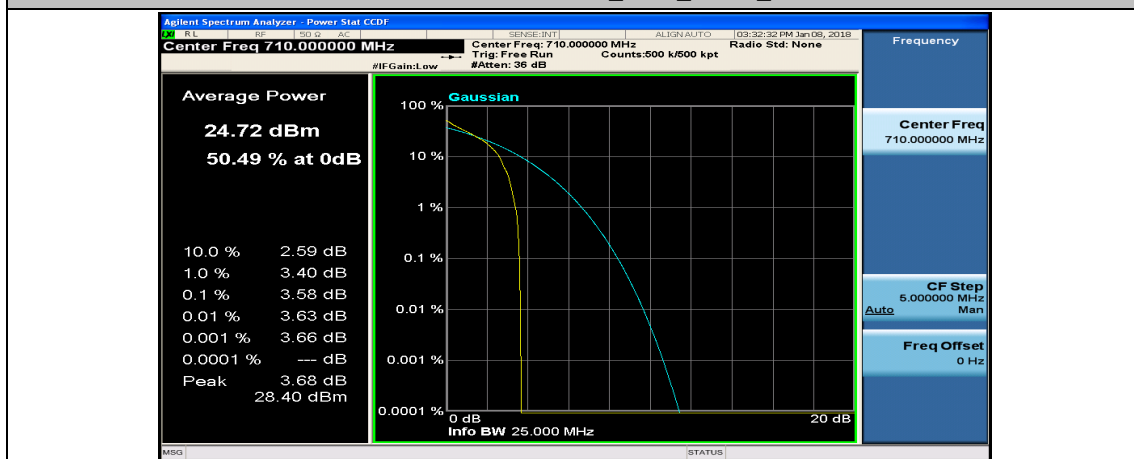
Channel Bandwidth: 10 MHz



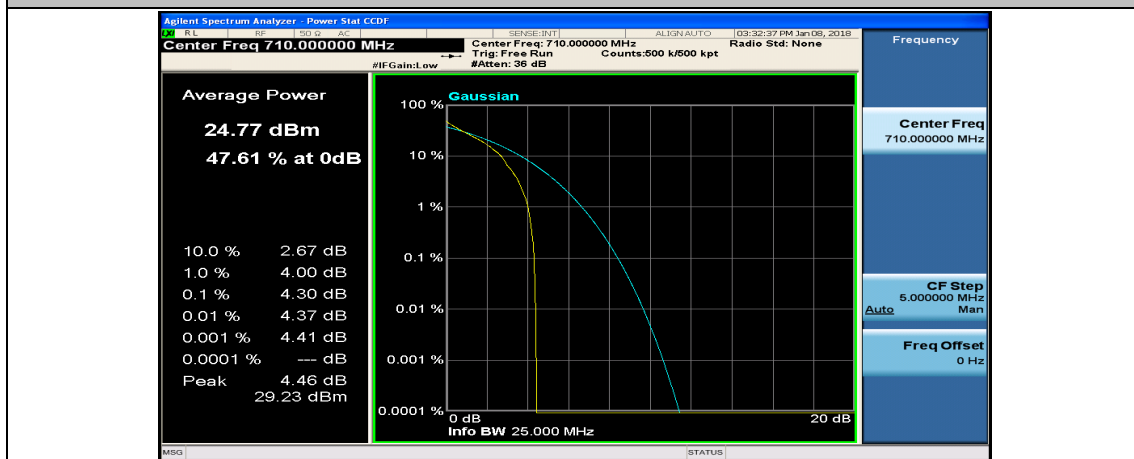




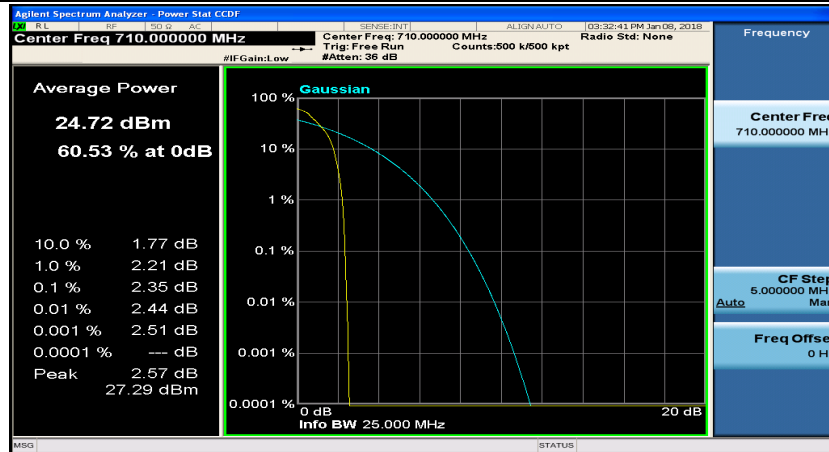
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



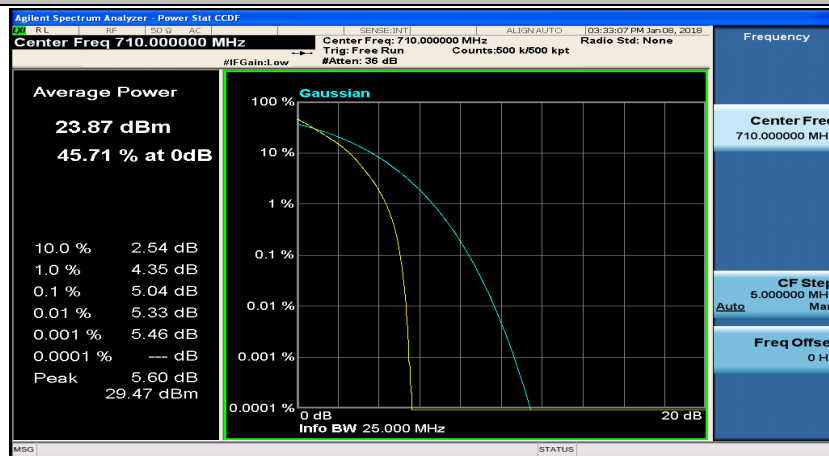
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



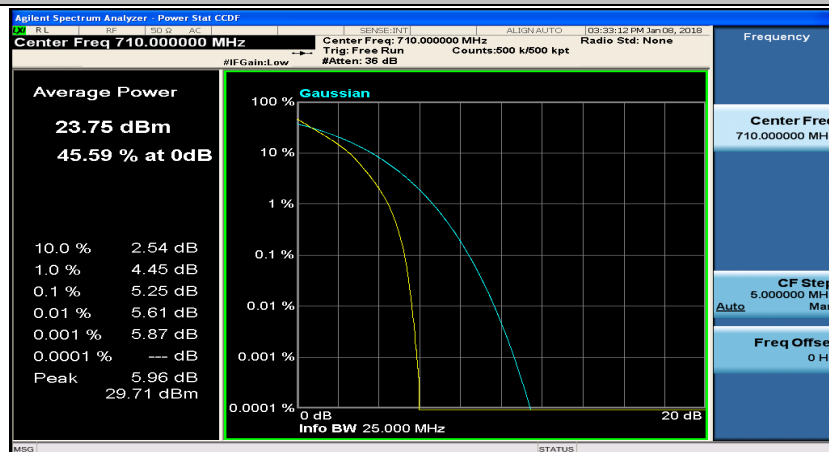
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



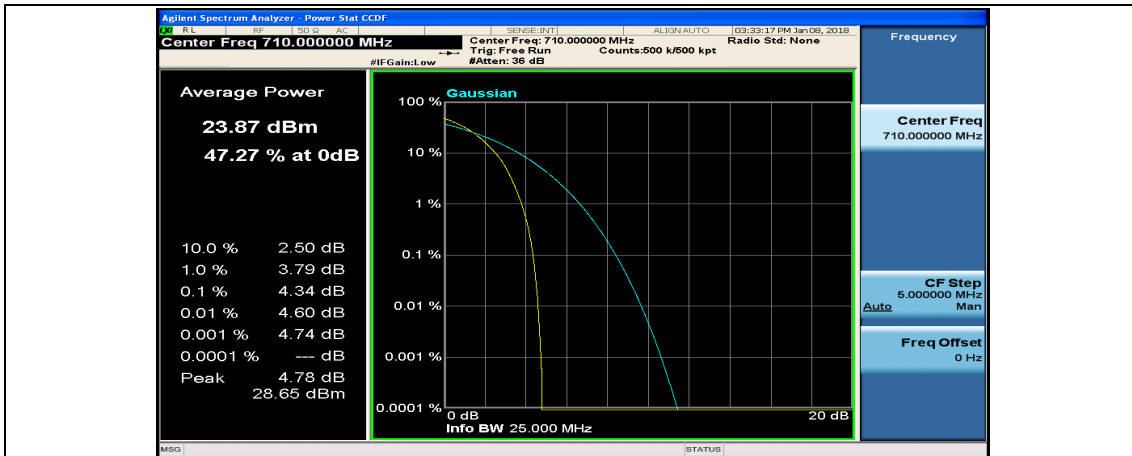
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



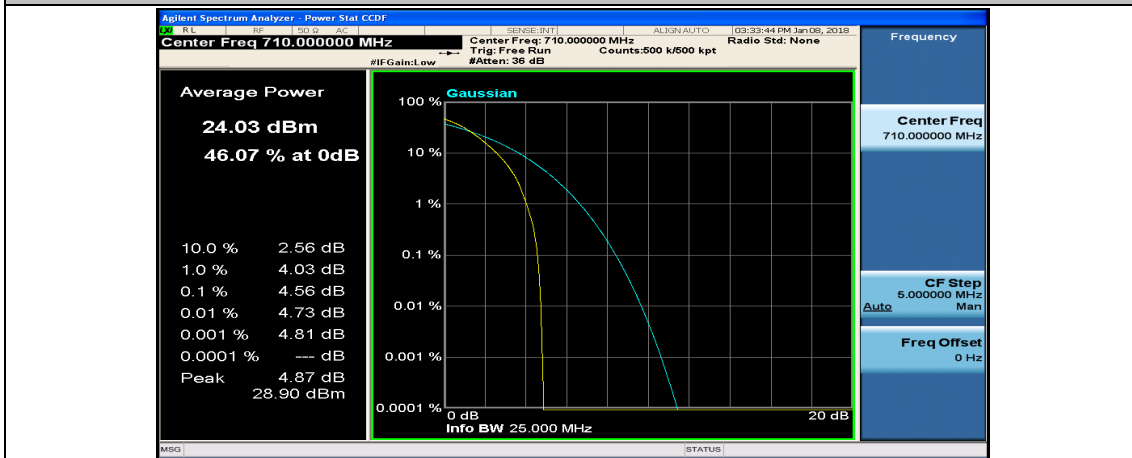
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



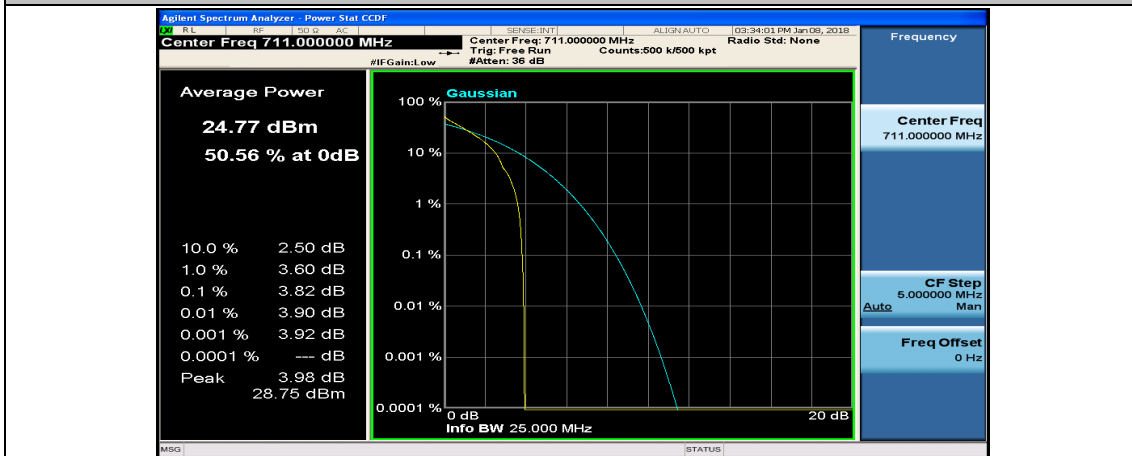
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



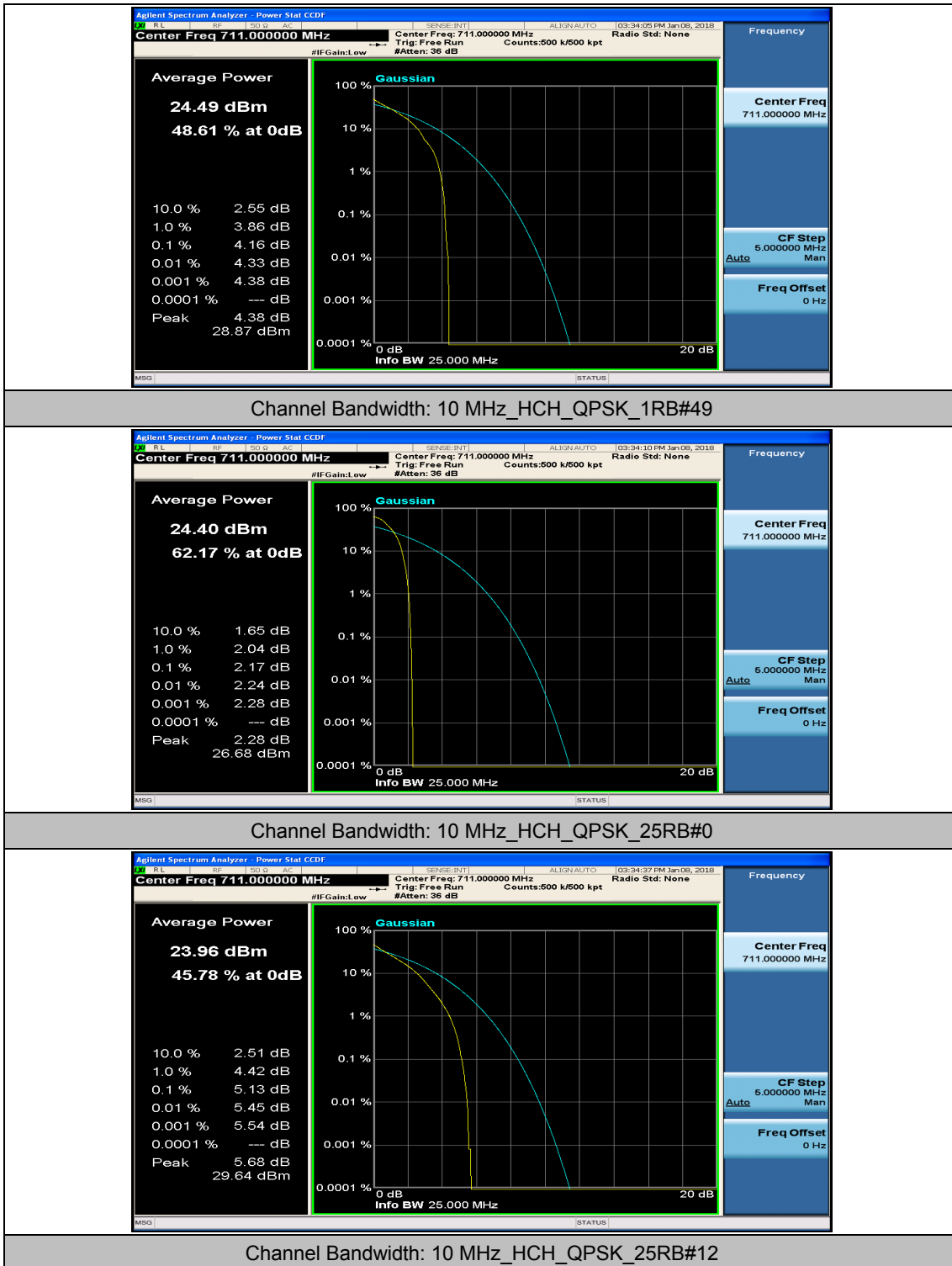
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

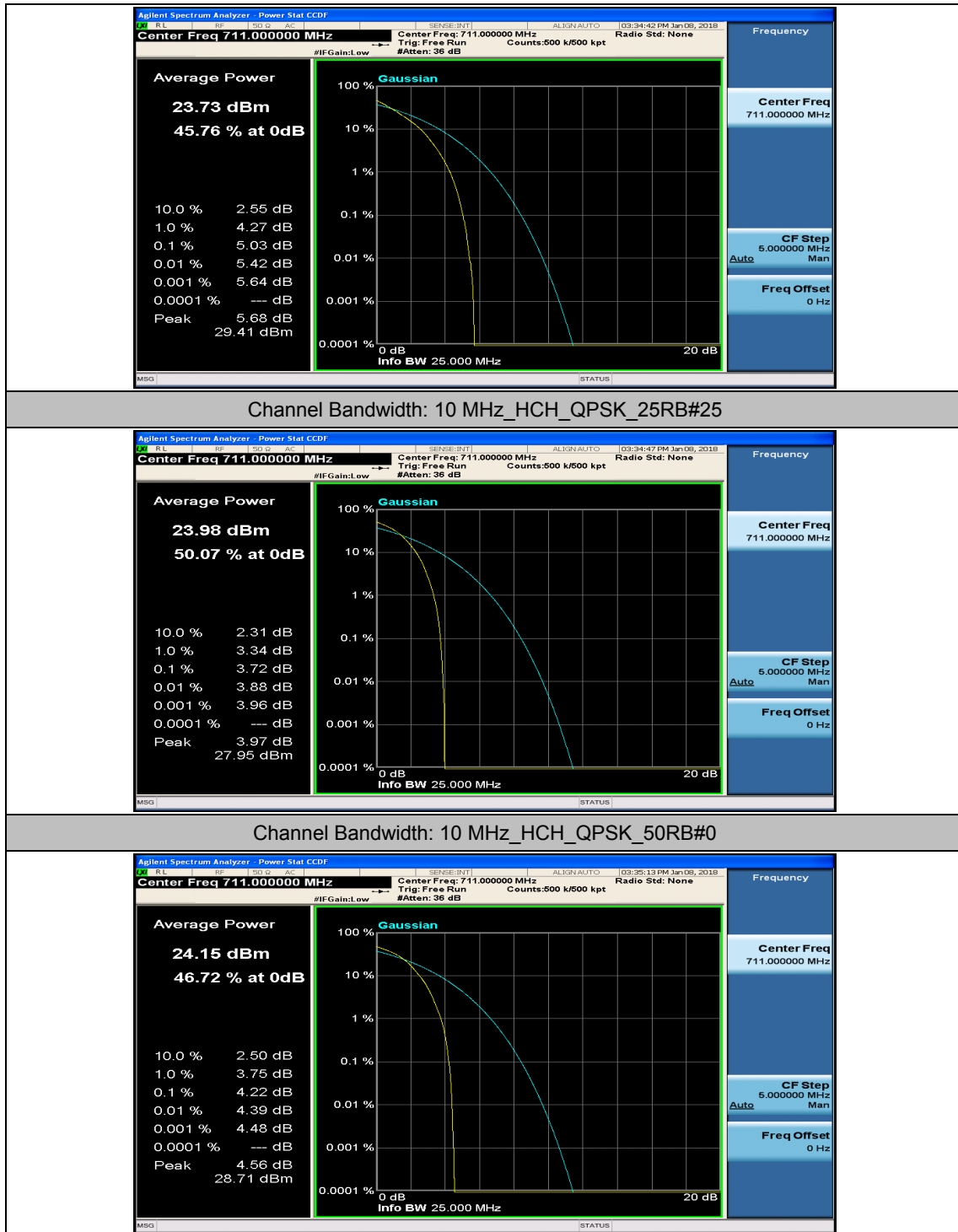


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

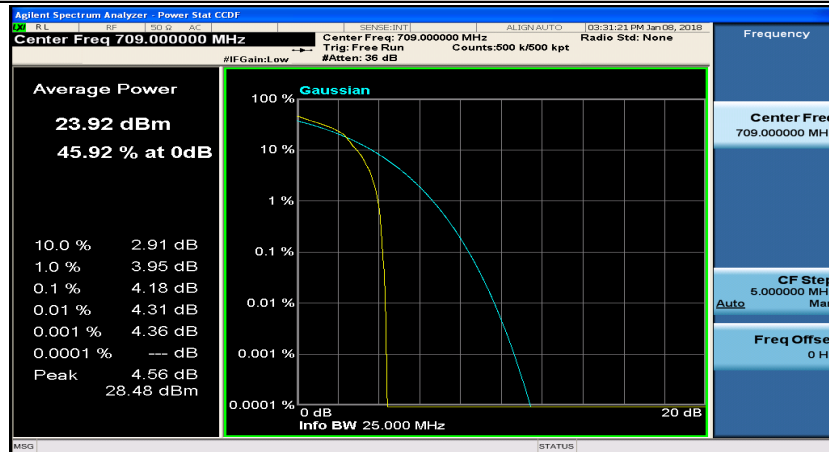


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

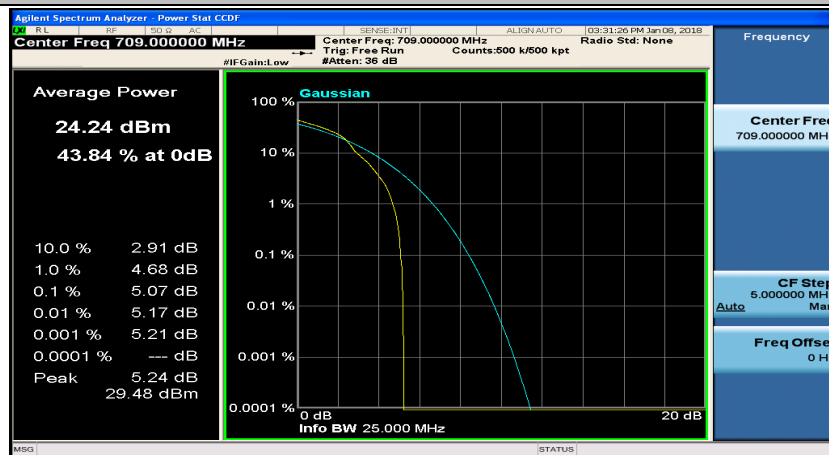




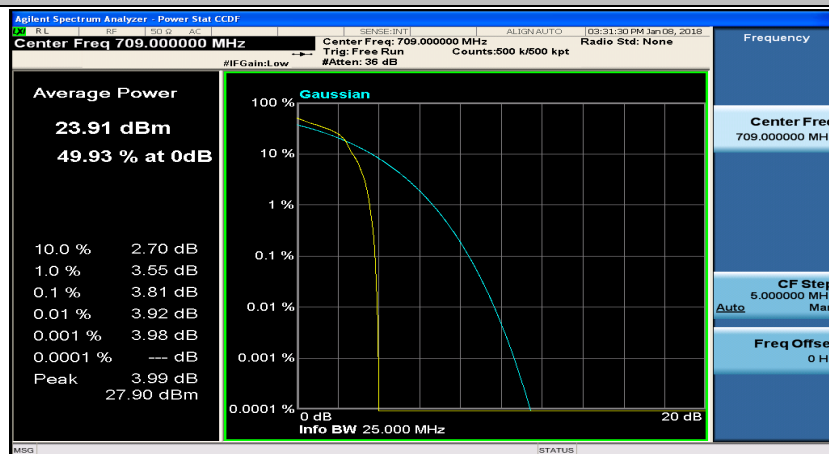
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



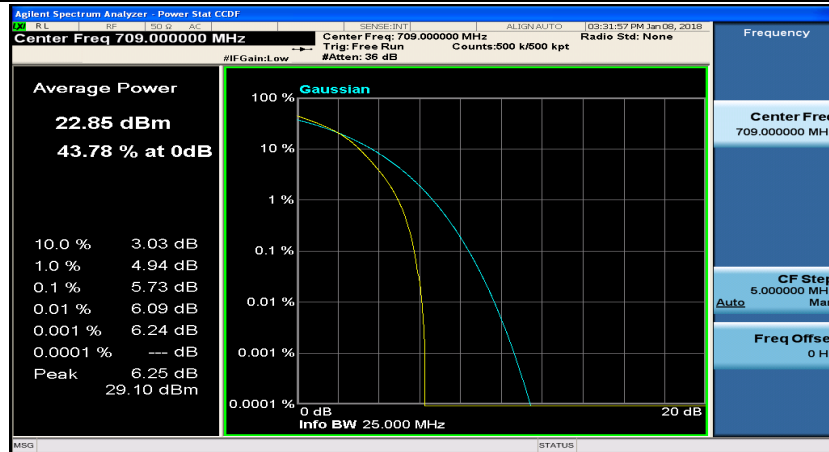
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



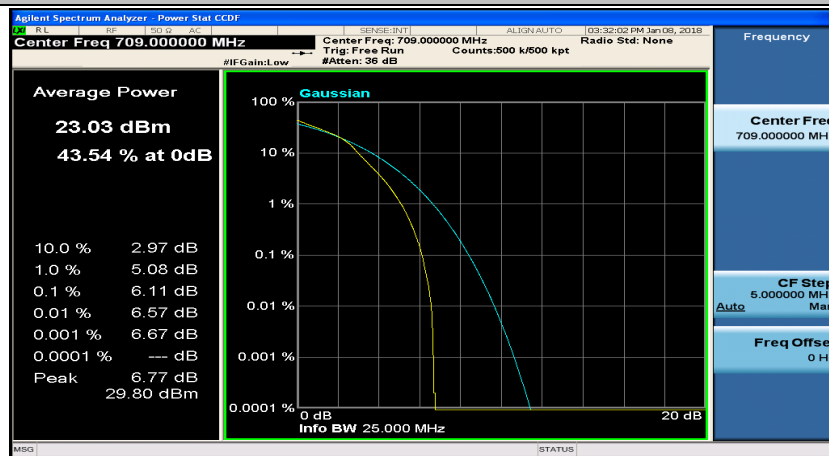
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



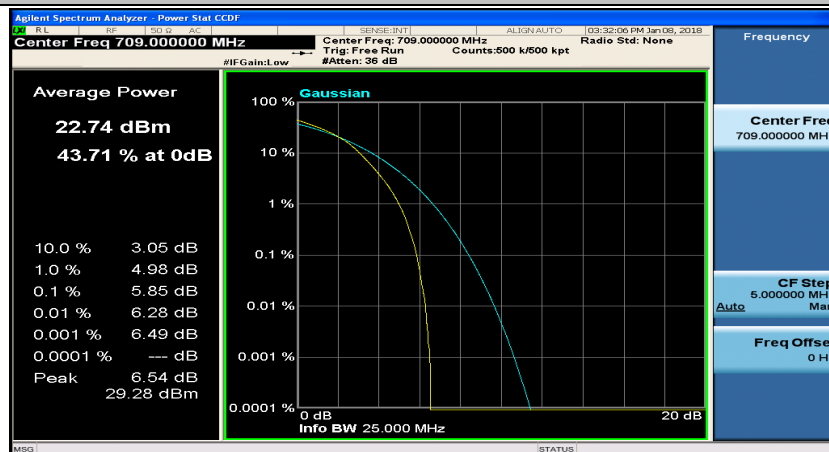
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



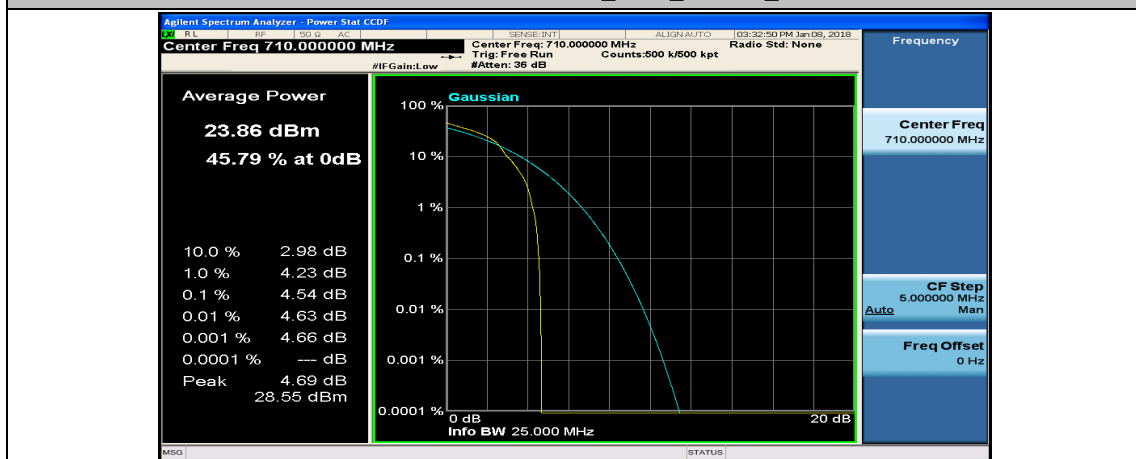
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



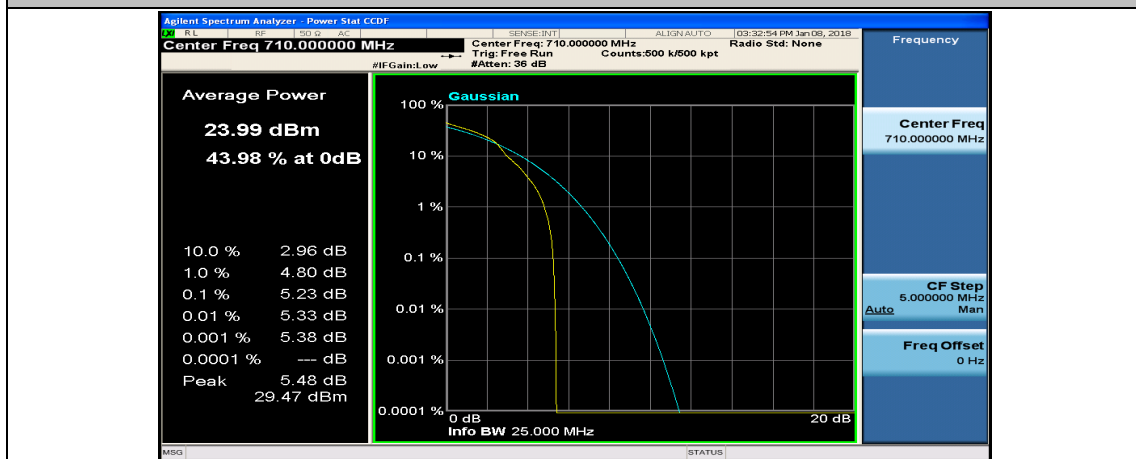
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



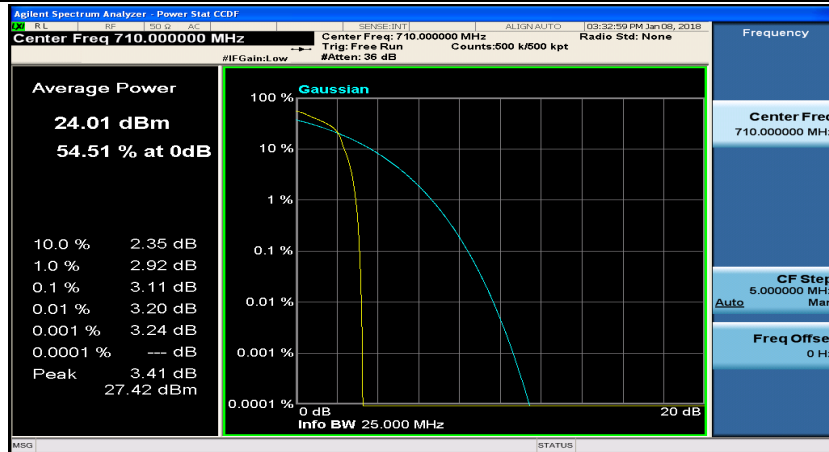
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



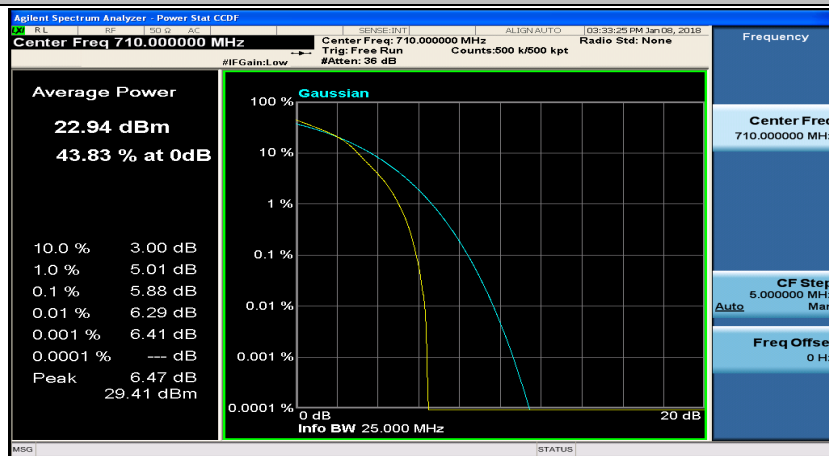
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



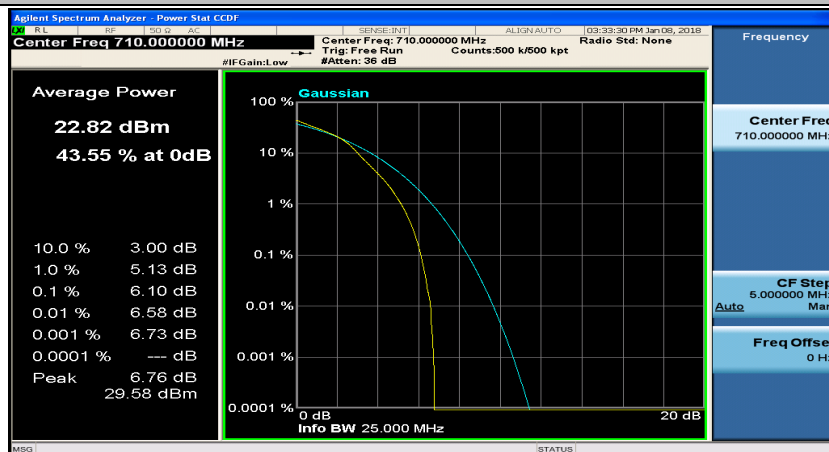
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



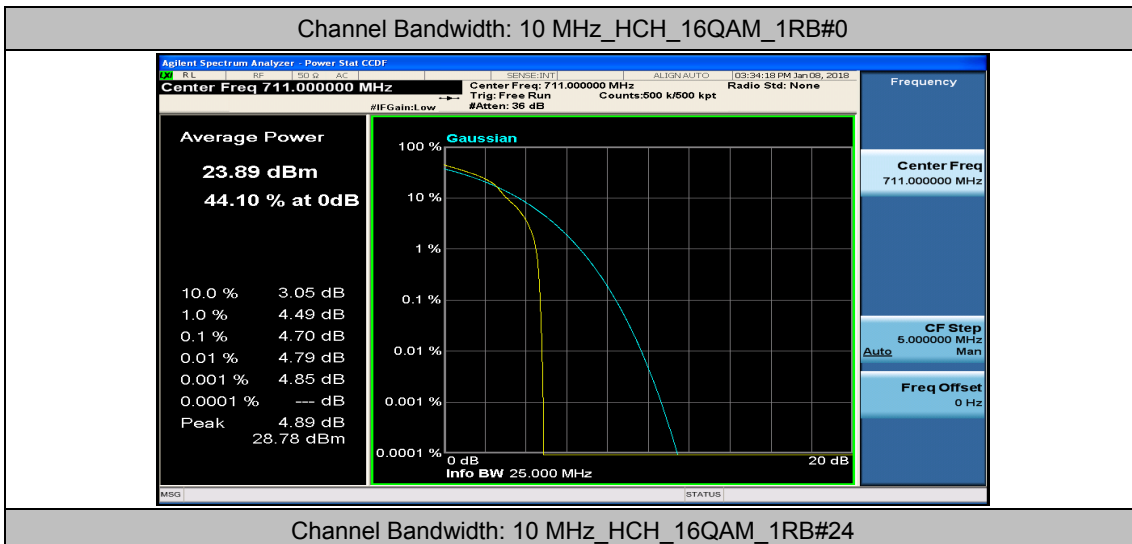
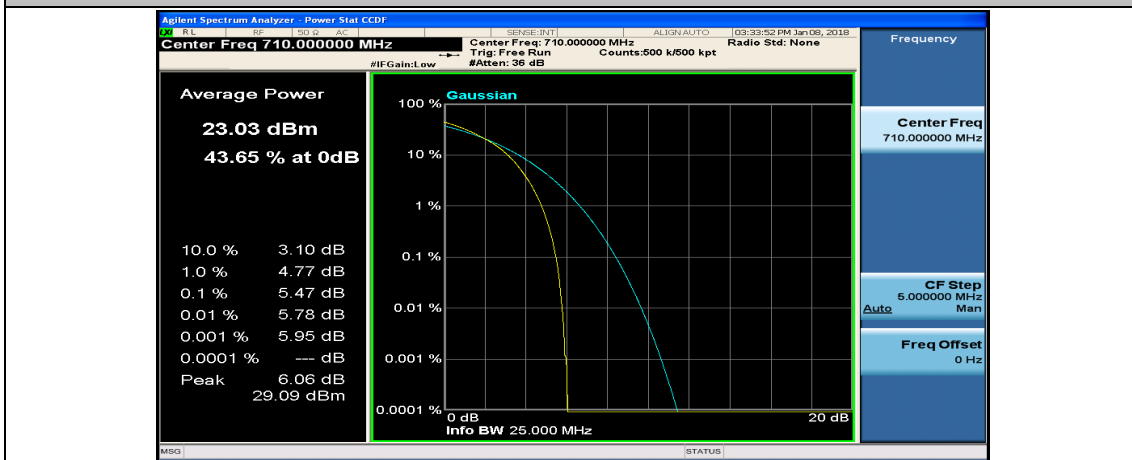
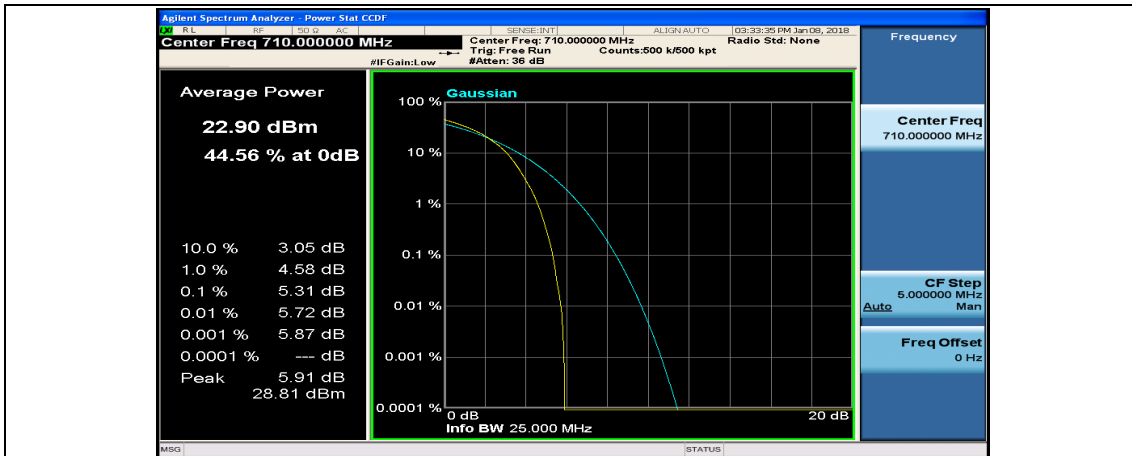
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

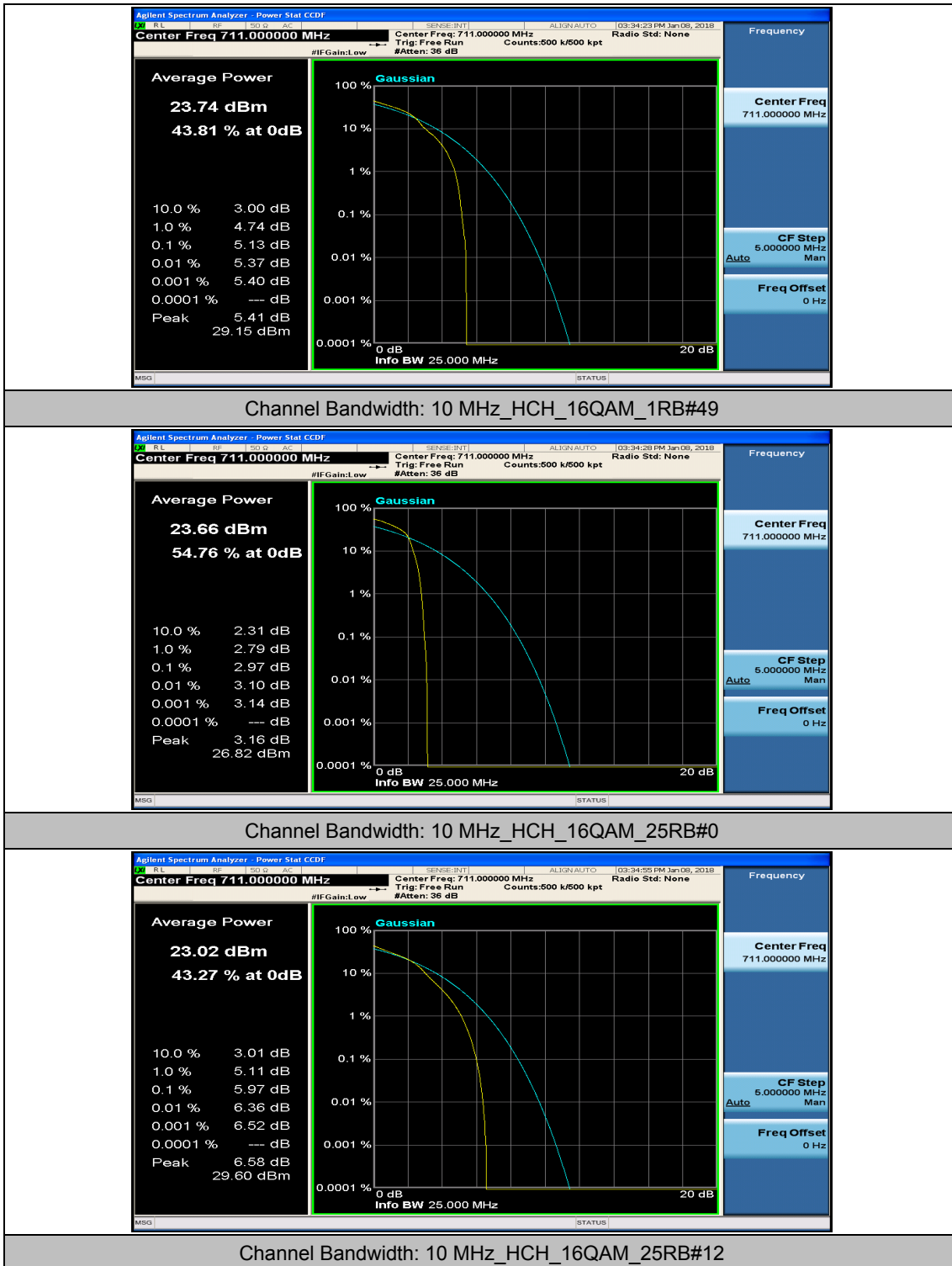


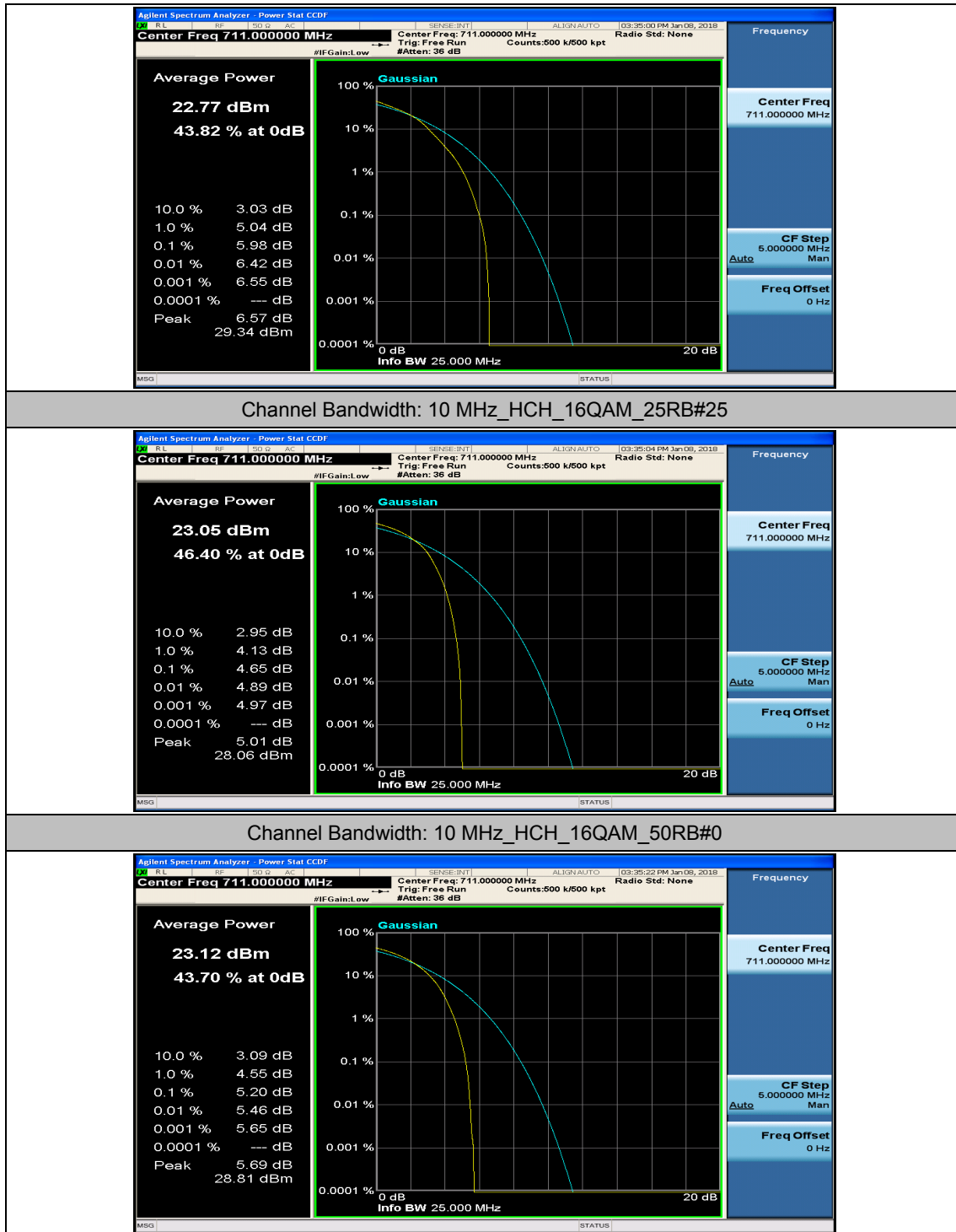
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25







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	4.4869	4.769	PASS
	MCH	25	0	4.4881	4.789	PASS
	HCH	25	0	4.4807	4.907	PASS
16QAM	LCH	25	0	4.4759	4.841	PASS
	MCH	25	0	4.4932	4.827	PASS
	HCH	25	0	4.4854	4.931	PASS

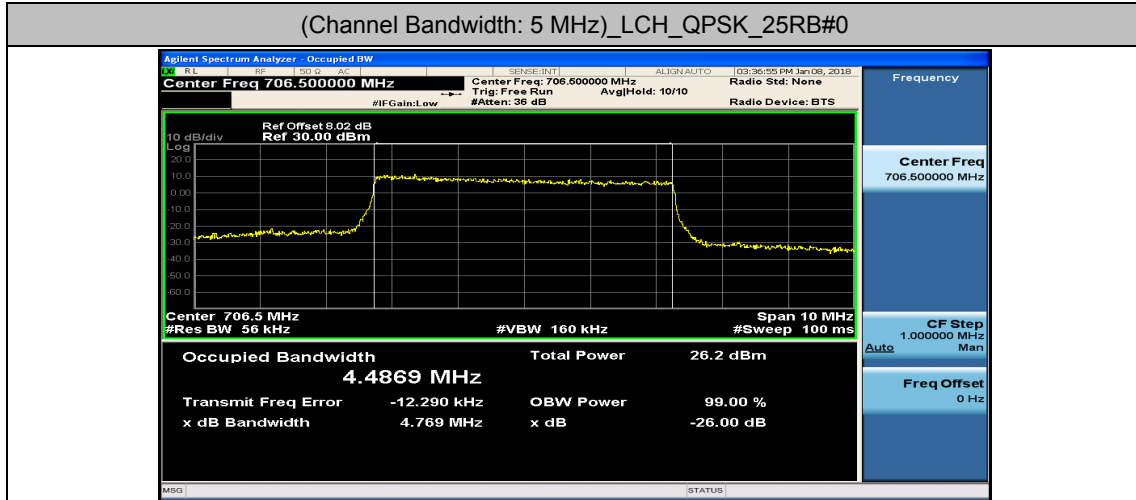
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	9.0003	9.544	PASS
	MCH	50	0	8.9985	9.443	PASS
	HCH	50	0	8.9606	10.09	PASS
16QAM	LCH	50	0	8.9965	9.593	PASS
	MCH	50	0	9.0036	9.513	PASS
	HCH	50	0	8.9675	9.460	PASS

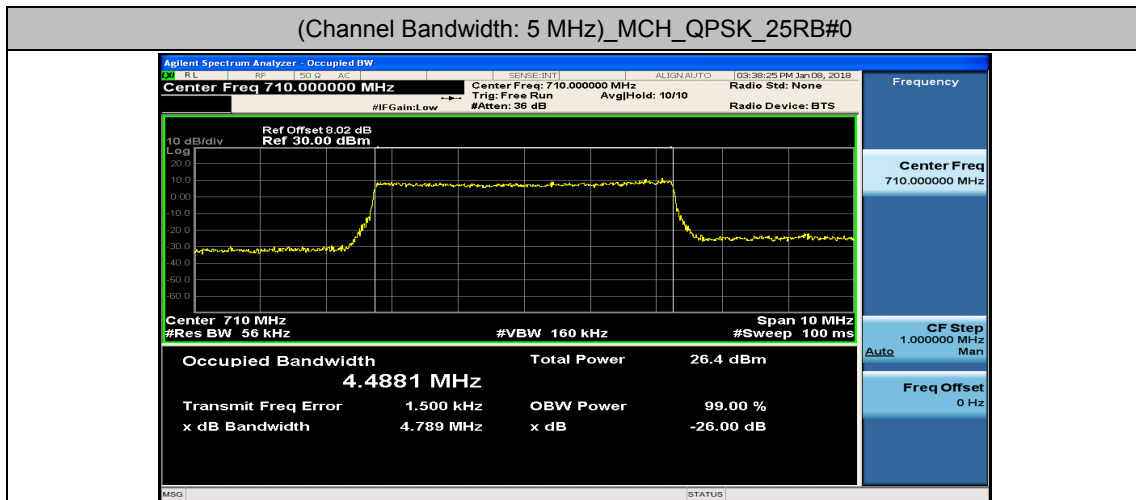
Test Graphs

Channel Bandwidth: 5 MHz

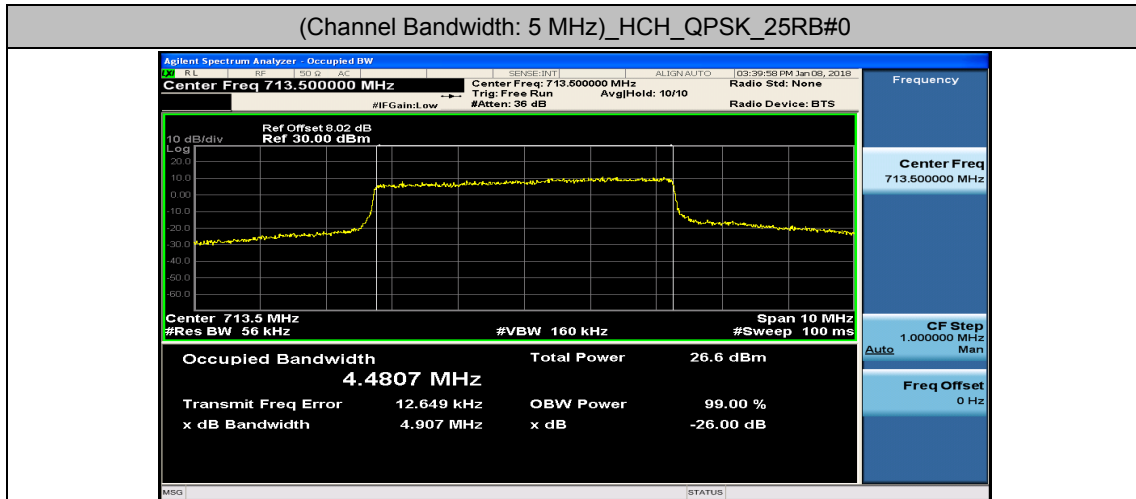
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



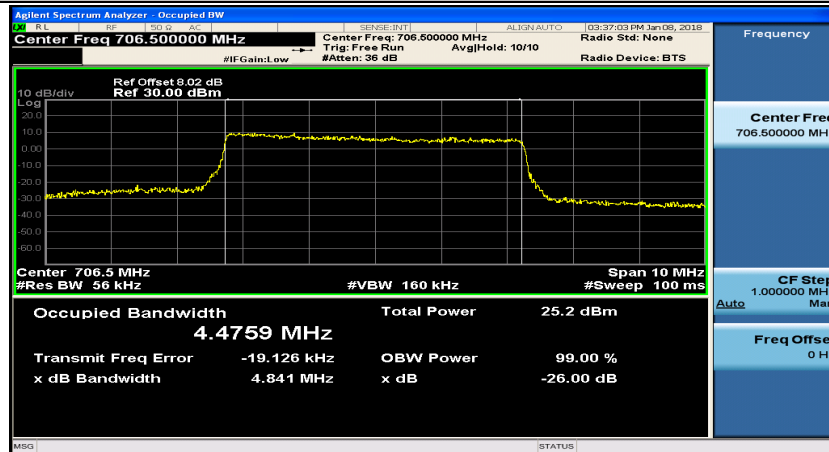
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



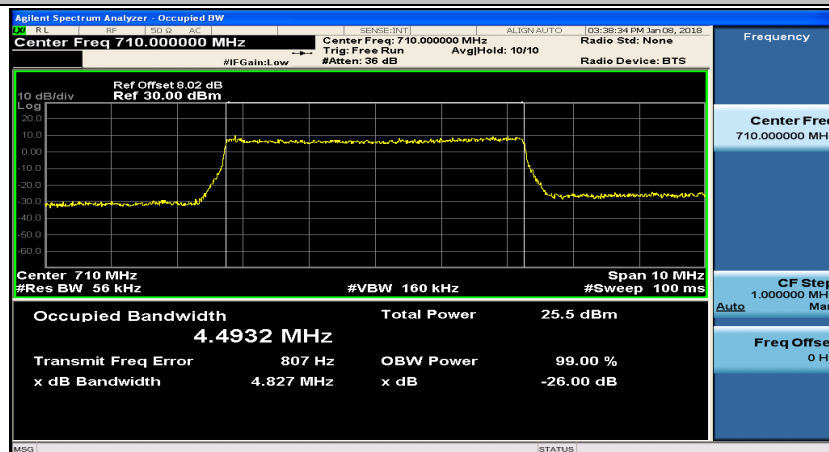
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



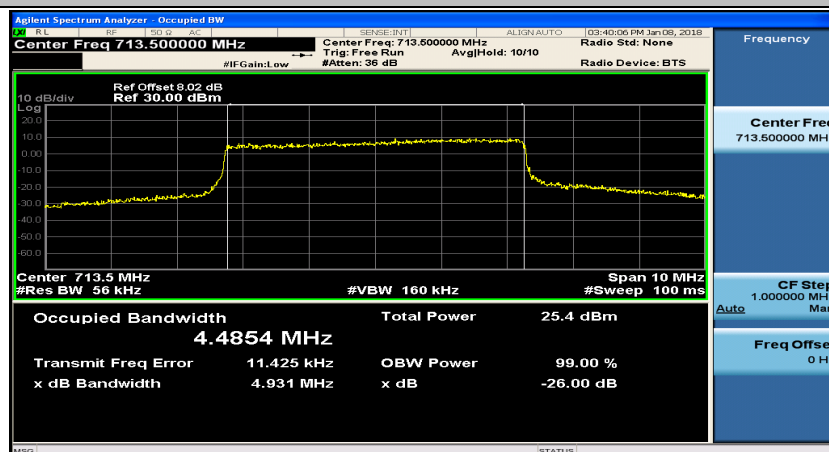
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

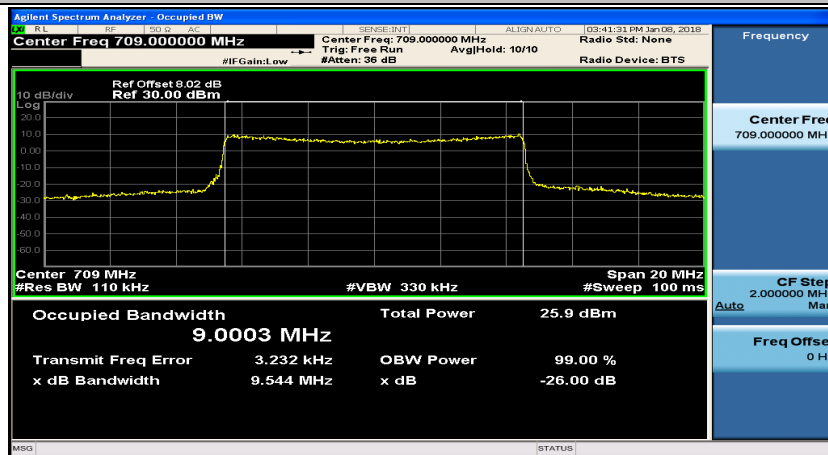


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

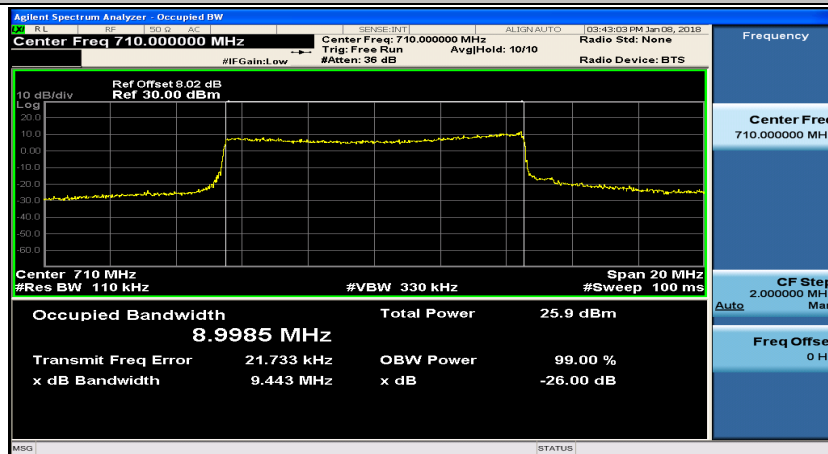


Channel Bandwidth: 10 MHz

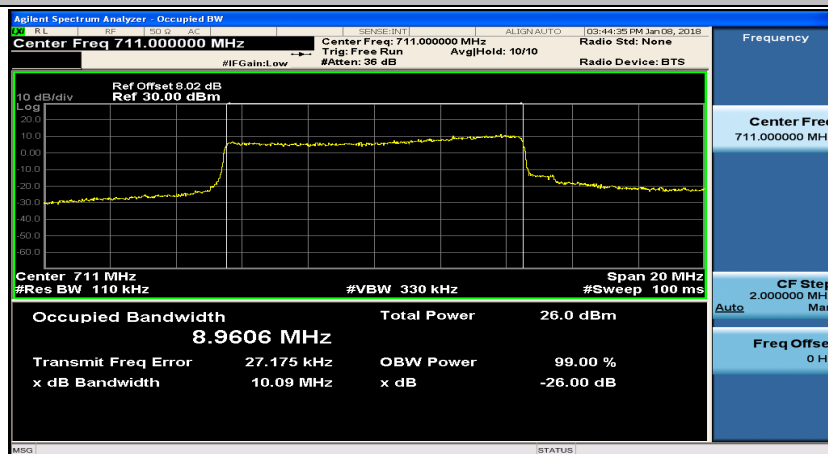
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



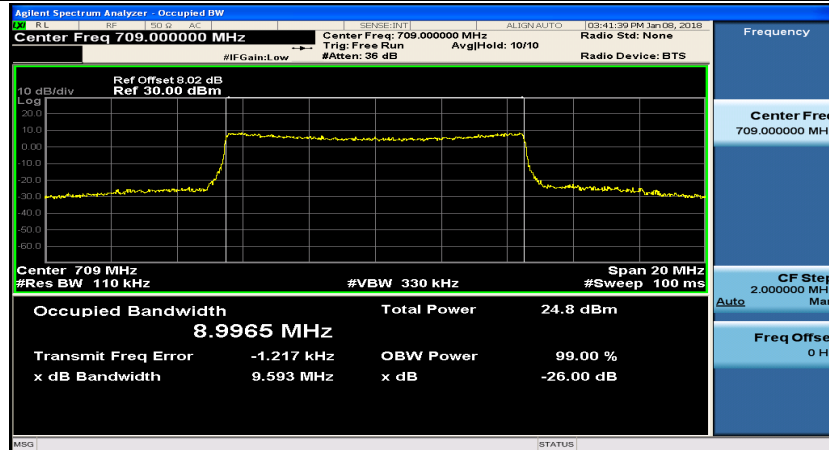
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



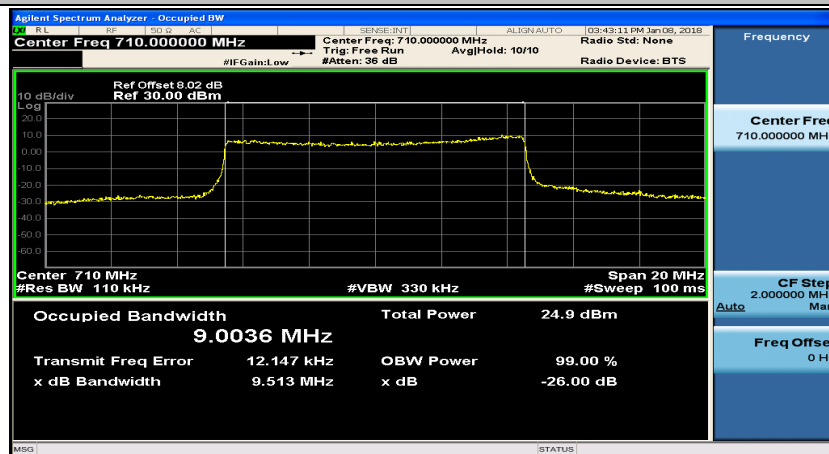
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



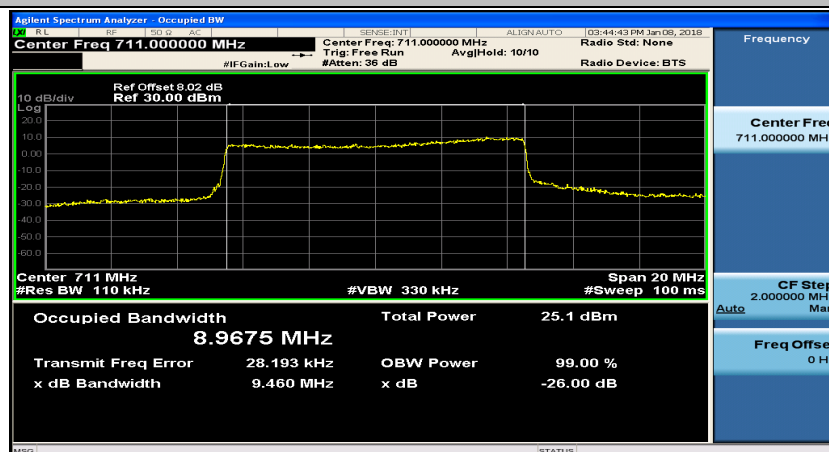
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

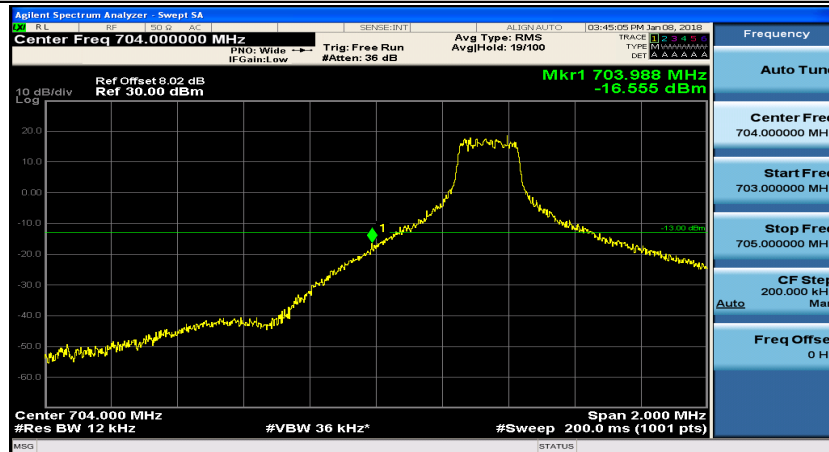


Appendix D: Band Edge

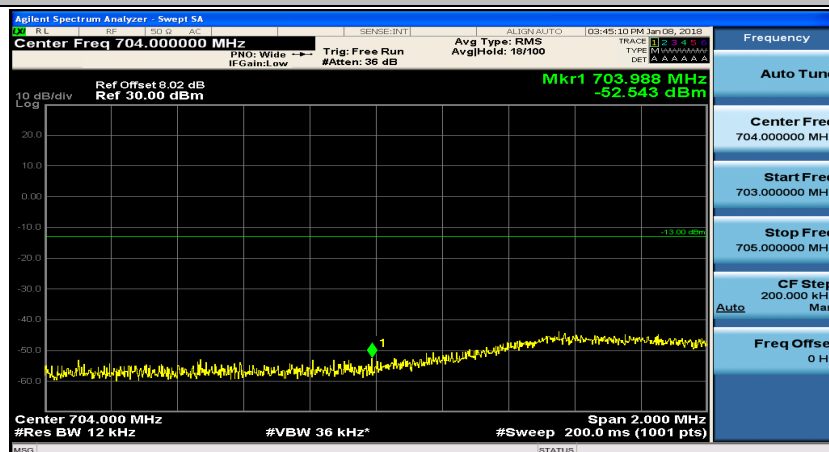
Test Graphs

Channel Bandwidth: 5 MHz

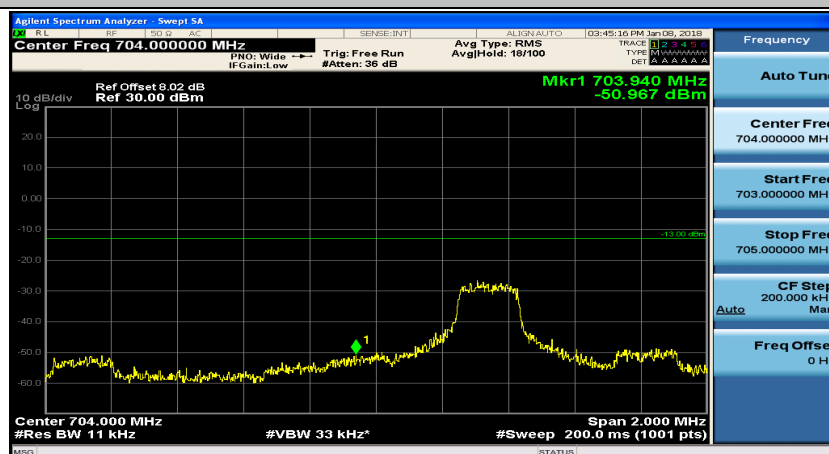
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



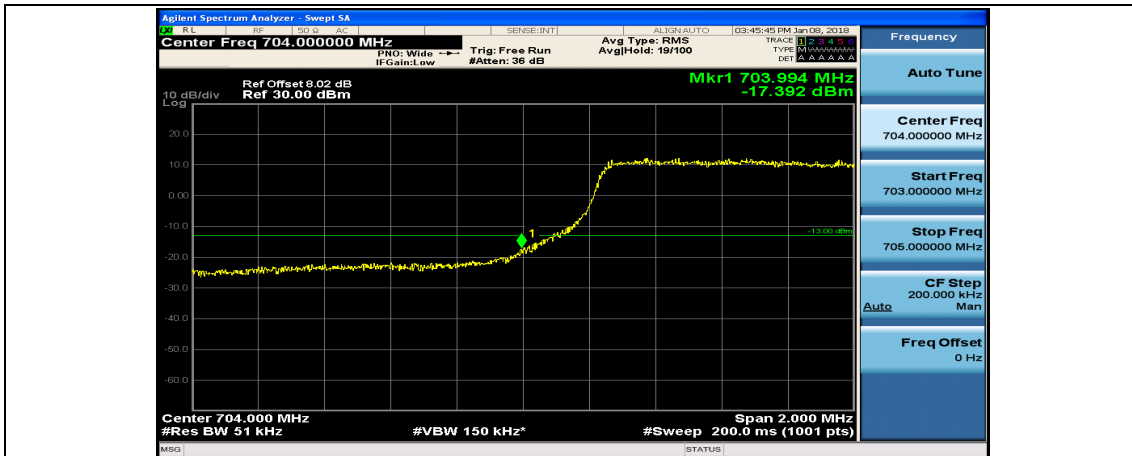
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



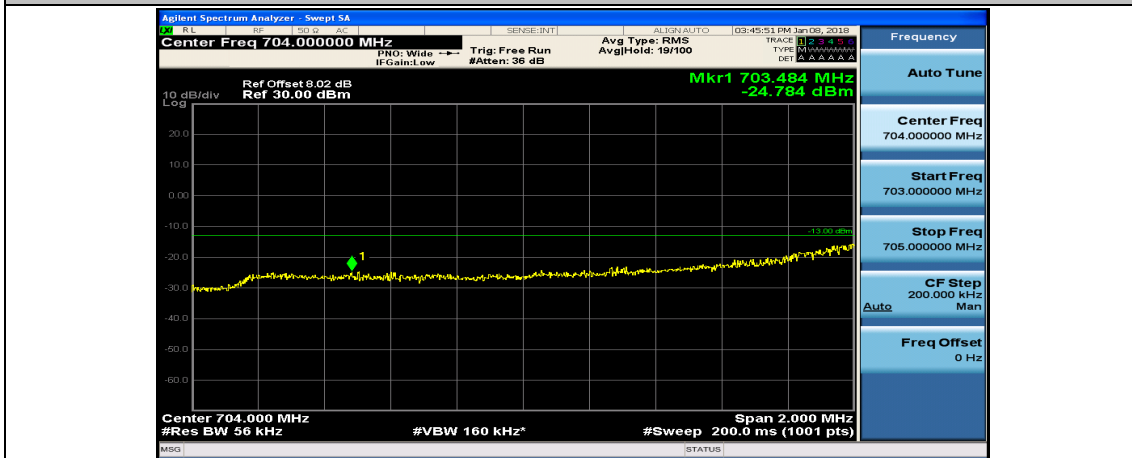
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



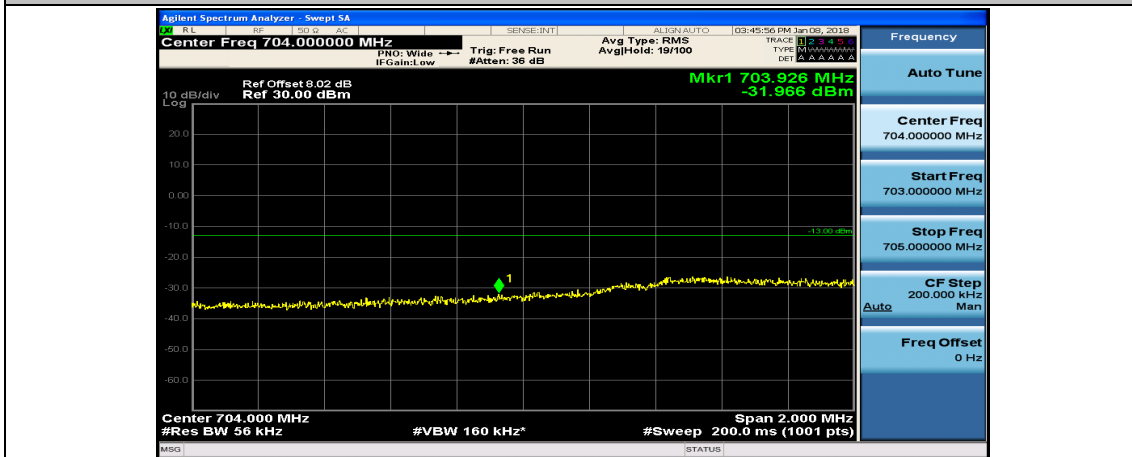
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



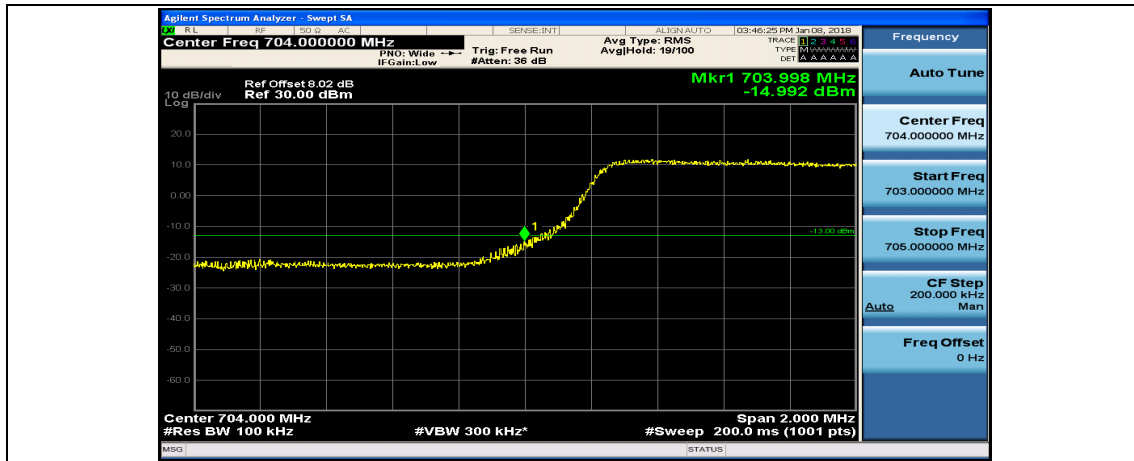
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



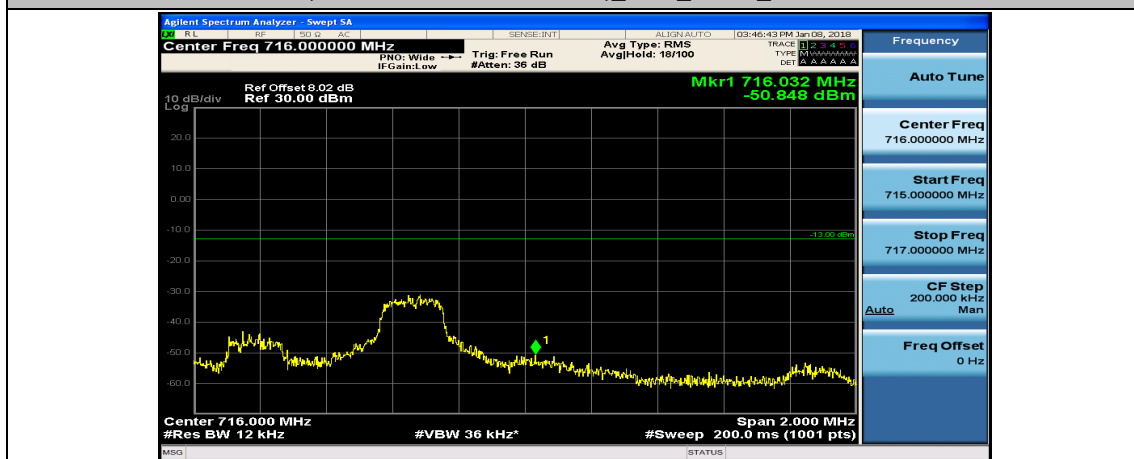
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



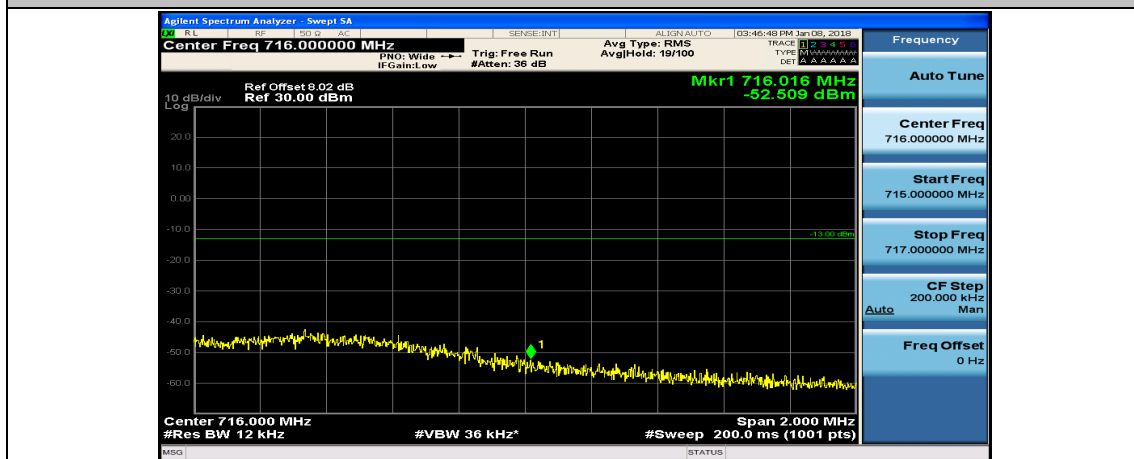
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



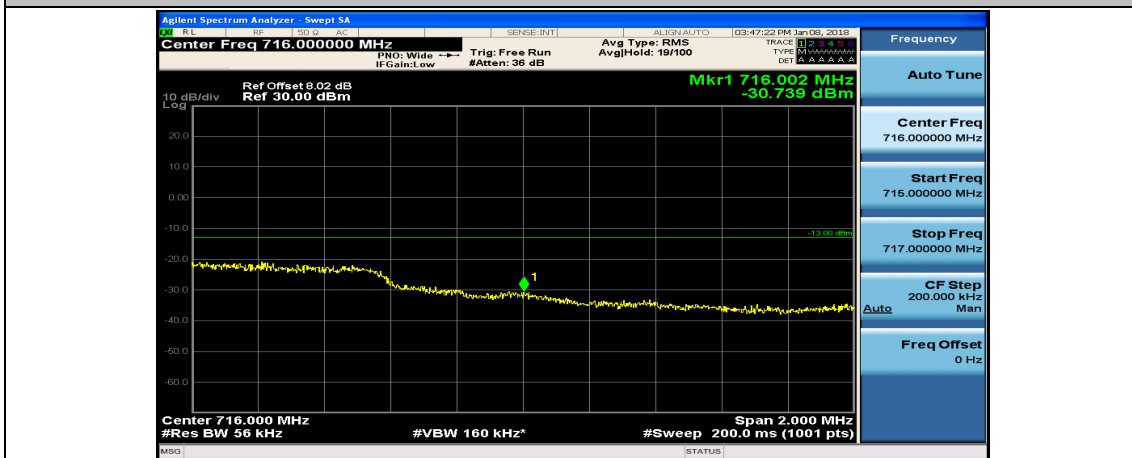
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



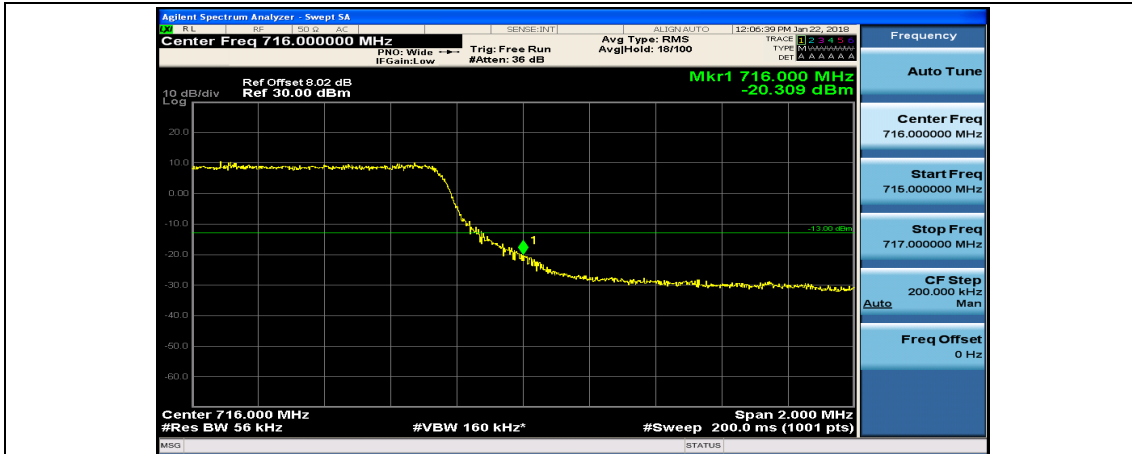
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



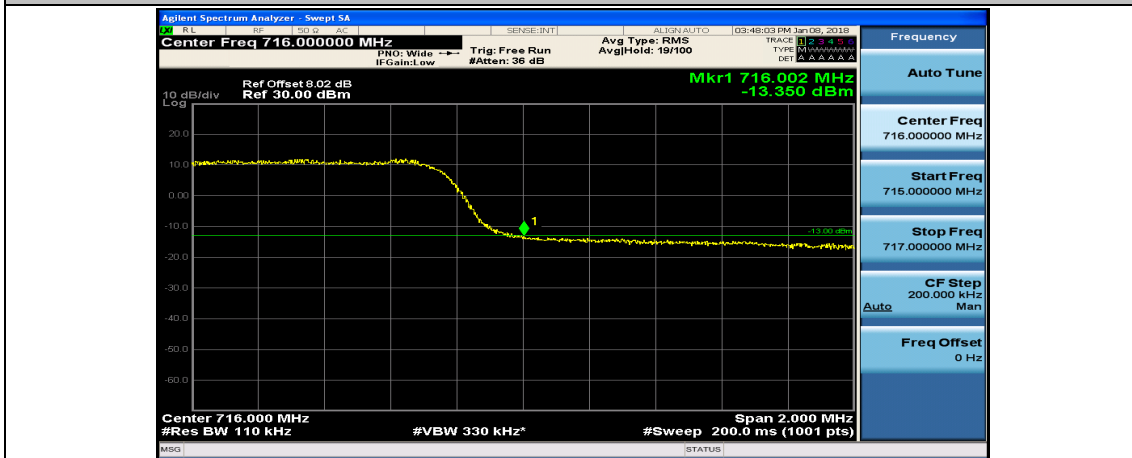
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



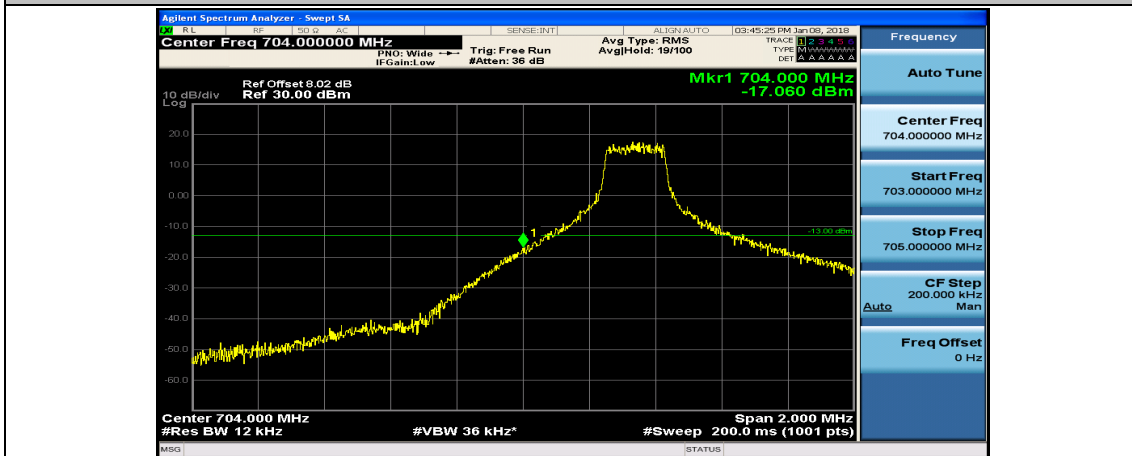
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



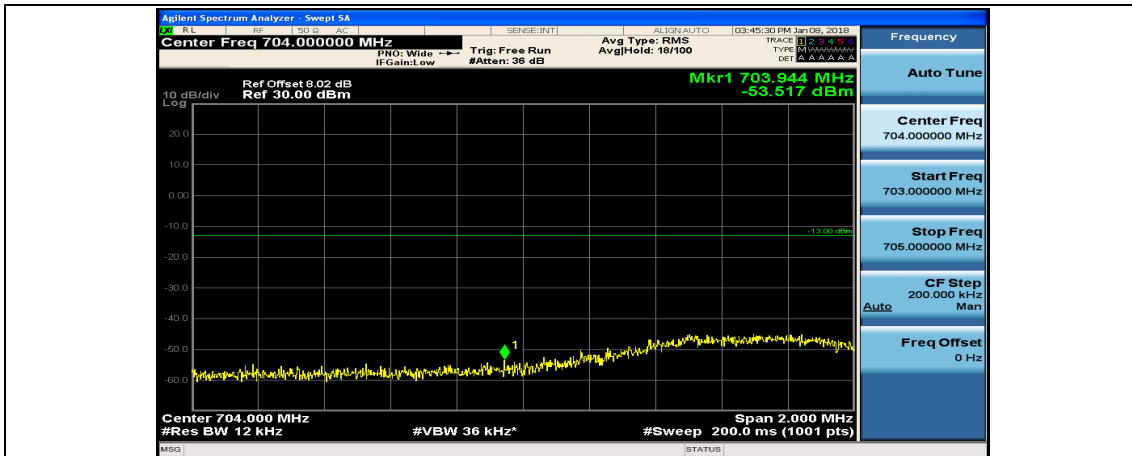
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



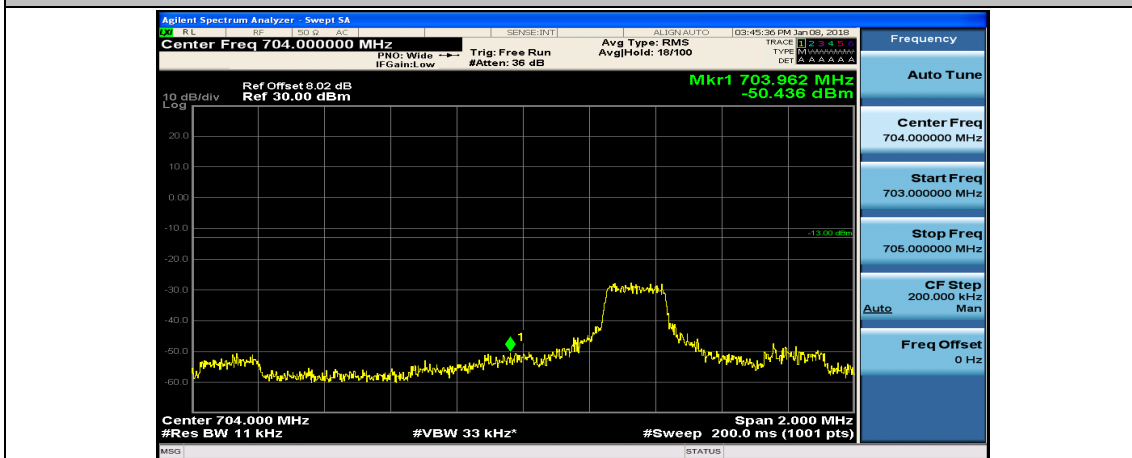
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



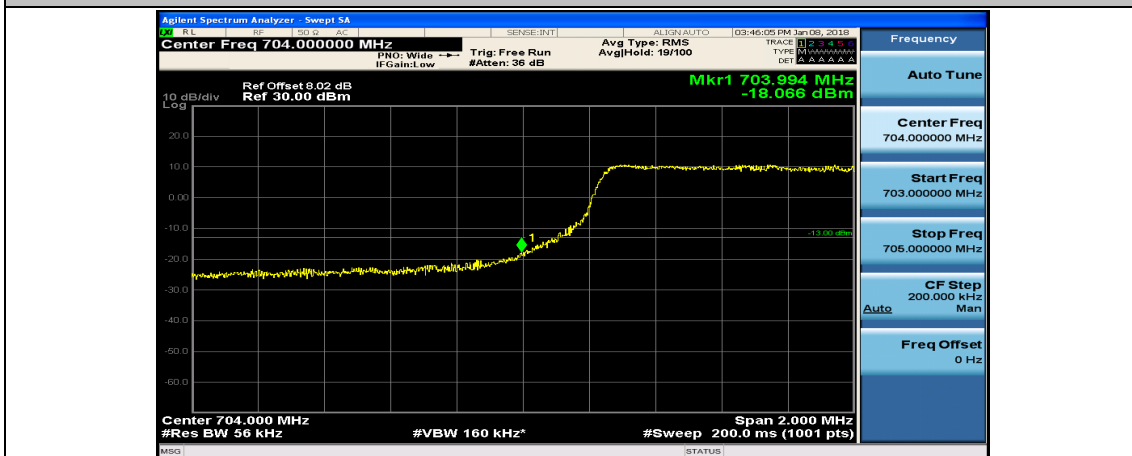
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



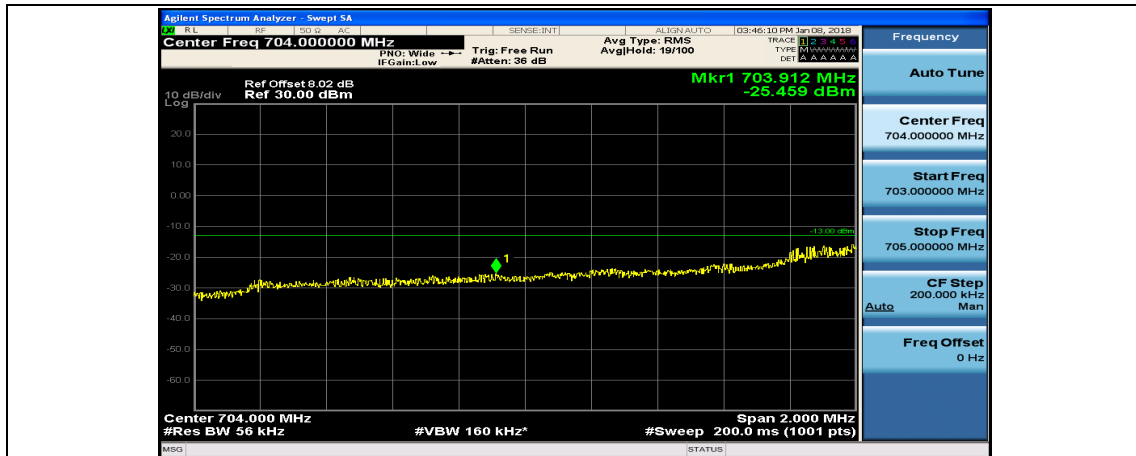
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



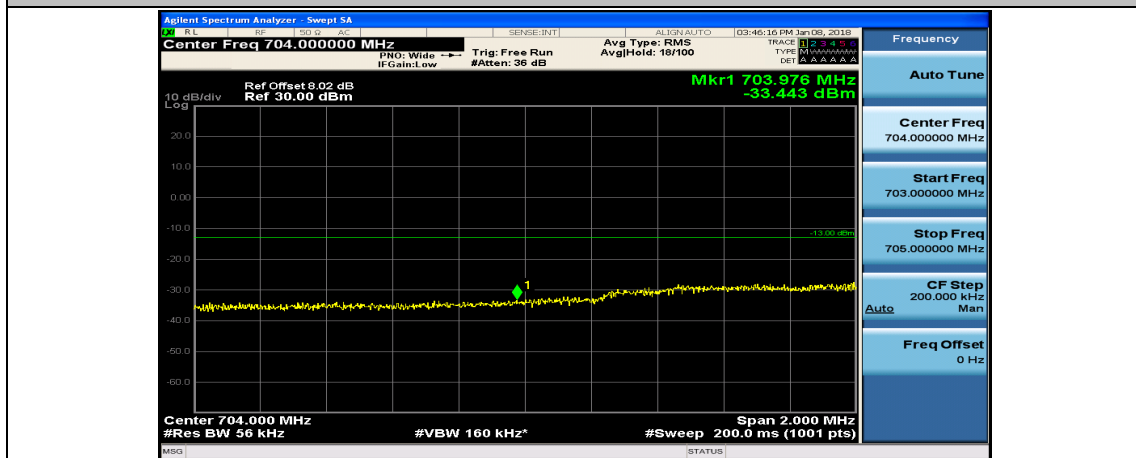
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



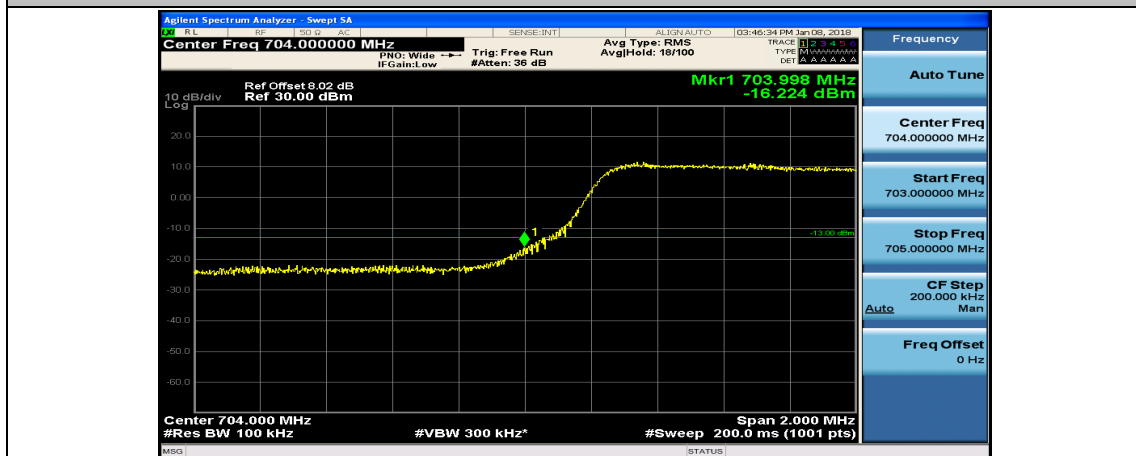
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



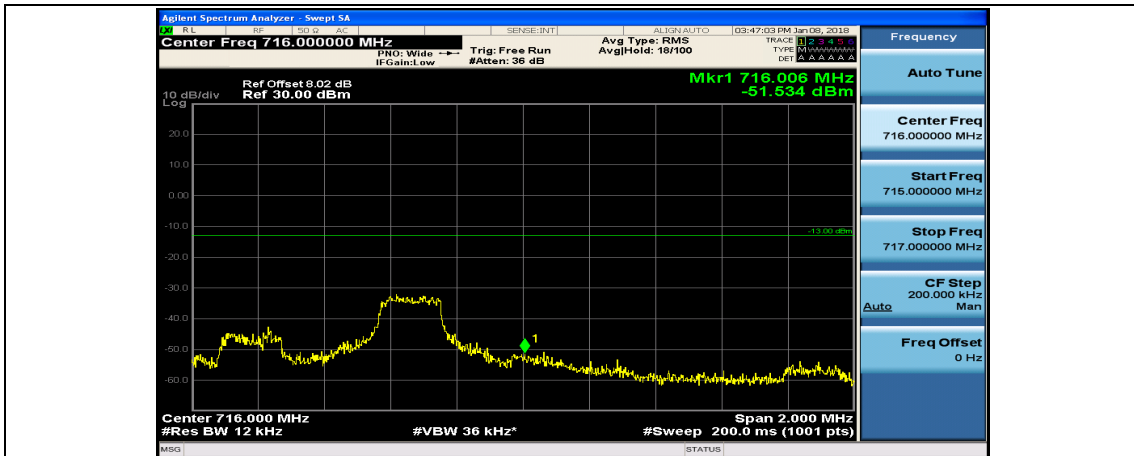
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



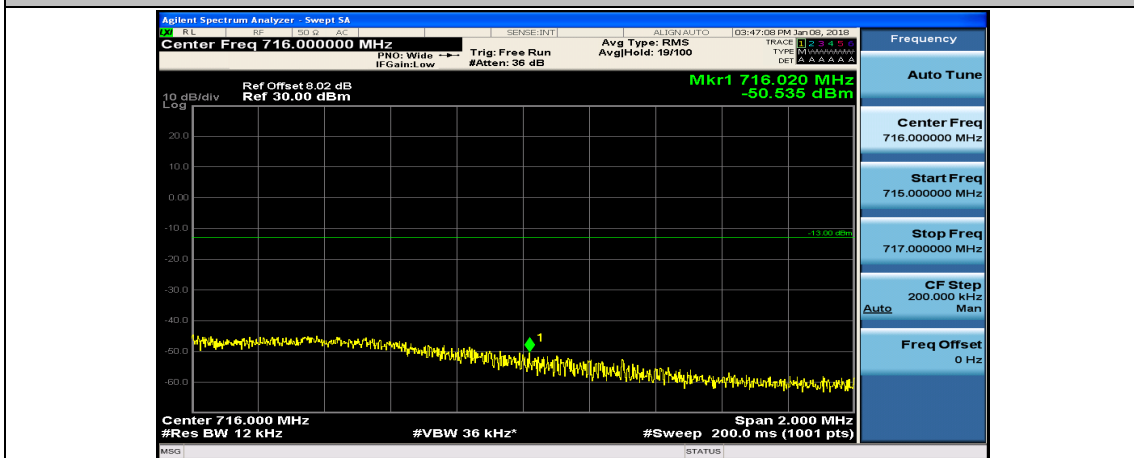
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



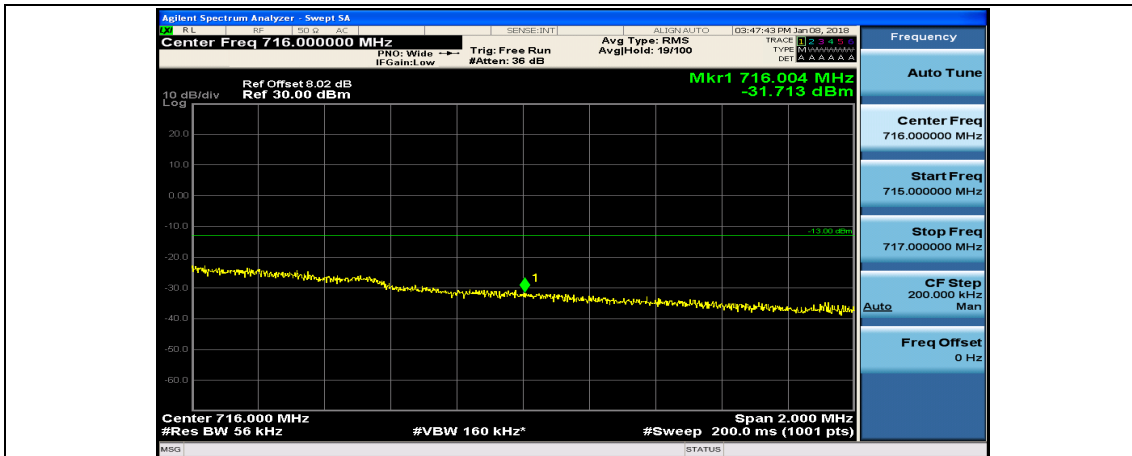
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



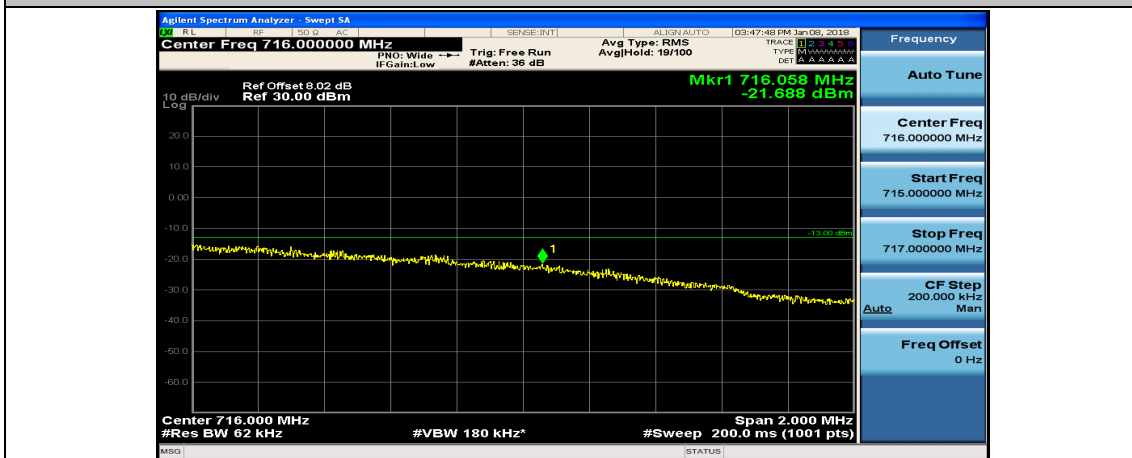
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



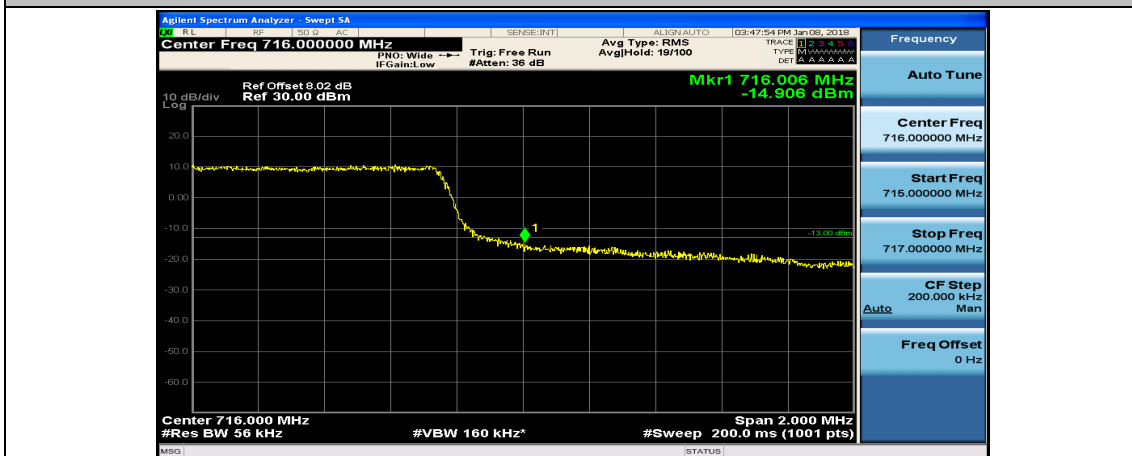
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



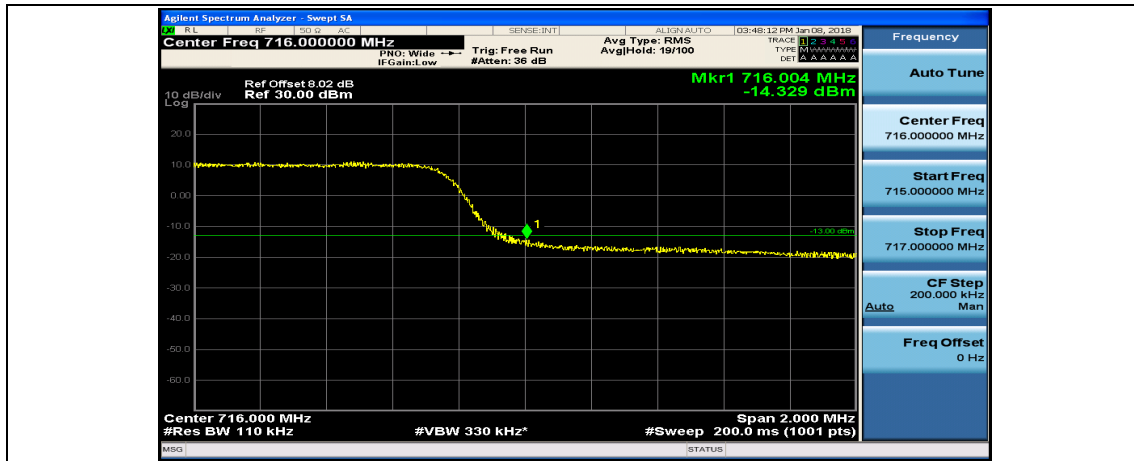
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

