

D.2: Peak-to-Average Ratio

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.98	<13	PASS
		1	3	4.04	<13	PASS
		1	5	4.09	<13	PASS
		3	0	3.96	<13	PASS
		3	2	4.04	<13	PASS
		3	3	4.07	<13	PASS
		6	0	5.31	<13	PASS
	MCH	1	0	4.55	<13	PASS
		1	3	4.28	<13	PASS
		1	5	4.12	<13	PASS
		3	0	4.63	<13	PASS
		3	2	4.42	<13	PASS
		3	3	4.36	<13	PASS
		6	0	5.37	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	3	4.53	<13	PASS
		1	5	4.38	<13	PASS
		3	0	4.73	<13	PASS
		3	2	4.52	<13	PASS
		3	3	4.5	<13	PASS
		6	0	5.58	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	3	4.97	<13	PASS
		1	5	5.01	<13	PASS
		3	0	4.89	<13	PASS
		3	2	4.98	<13	PASS
		3	3	5.02	<13	PASS
		6	0	6.12	<13	PASS
	MCH	1	0	5.52	<13	PASS
		1	3	5.2	<13	PASS
		1	5	5.1	<13	PASS
		3	0	5.6	<13	PASS
		3	2	5.4	<13	PASS
		3	3	5.32	<13	PASS
		6	0	6.23	<13	PASS
	HCH	1	0	5.68	<13	PASS
		1	3	5.4	<13	PASS
		1	5	5.34	<13	PASS

		3	0	5.44	<13	PASS
		3	2	5.32	<13	PASS
		3	3	5.25	<13	PASS
		6	0	6.4	<13	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4	<13	PASS
		1	7	4.16	<13	PASS
		1	14	4.95	<13	PASS
		8	0	5.16	<13	PASS
		8	4	5.43	<13	PASS
		8	7	5.67	<13	PASS
		15	0	5.68	<13	PASS
	MCH	1	0	5.09	<13	PASS
		1	7	4.42	<13	PASS
		1	14	4.08	<13	PASS
		8	0	5.55	<13	PASS
		8	4	5.3	<13	PASS
		8	7	5.16	<13	PASS
		15	0	5.56	<13	PASS
	HCH	1	0	4.7	<13	PASS
		1	7	4.8	<13	PASS
		1	14	4.32	<13	PASS
		8	0	5.83	<13	PASS
		8	4	5.74	<13	PASS
		8	7	5.65	<13	PASS
		15	0	5.81	<13	PASS
16QAM	LCH	1	0	4.83	<13	PASS
		1	7	4.98	<13	PASS
		1	14	5.82	<13	PASS
		8	0	5.85	<13	PASS
		8	4	6.1	<13	PASS
		8	7	6.28	<13	PASS
		15	0	6.47	<13	PASS
	MCH	1	0	6	<13	PASS
		1	7	5.37	<13	PASS
		1	14	4.93	<13	PASS
		8	0	6.27	<13	PASS
		8	4	5.99	<13	PASS
		8	7	5.81	<13	PASS
		15	0	6.4	<13	PASS
	HCH	1	0	5.54	<13	PASS

		1	7	5.57	<13	PASS
		1	14	5.21	<13	PASS
		8	0	6.53	<13	PASS
		8	4	6.43	<13	PASS
		8	7	6.41	<13	PASS
		15	0	6.6	<13	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.86	<13	PASS
		1	12	4.61	<13	PASS
		1	24	5.35	<13	PASS
		12	0	5.31	<13	PASS
		12	6	5.73	<13	PASS
		12	13	6.14	<13	PASS
		25	0	6.02	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	12	4.24	<13	PASS
		1	24	3.93	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.3	<13	PASS
		12	13	5.02	<13	PASS
		25	0	5.65	<13	PASS
	HCH	1	0	4.23	<13	PASS
		1	12	4.81	<13	PASS
		1	24	4.43	<13	PASS
		12	0	5.59	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.81	<13	PASS
16QAM	LCH	1	0	4.74	<13	PASS
		1	12	5.43	<13	PASS
		1	24	6.22	<13	PASS
		12	0	6.09	<13	PASS
		12	6	6.5	<13	PASS
		12	13	7.01	<13	PASS
		25	0	6.81	<13	PASS
	MCH	1	0	6.13	<13	PASS
		1	12	5.17	<13	PASS
		1	24	4.8	<13	PASS
		12	0	6.5	<13	PASS
		12	6	6.11	<13	PASS
		12	13	5.81	<13	PASS

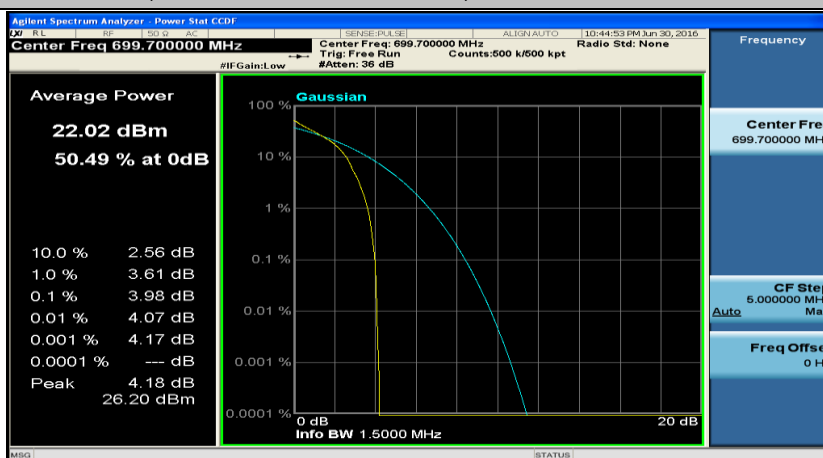
	HCH	25	0	6.41	<13	PASS
		1	0	4.89	<13	PASS
		1	12	5.41	<13	PASS
		1	24	5.17	<13	PASS
		12	0	6.46	<13	PASS
		12	6	6.61	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.62	<13	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.99	<13	PASS
		1	24	5.33	<13	PASS
		1	49	4.12	<13	PASS
		25	0	5.91	<13	PASS
		25	12	6.25	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.68	<13	PASS
	MCH	1	0	5.46	<13	PASS
		1	24	4.46	<13	PASS
		1	49	4.46	<13	PASS
		25	0	5.93	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.67	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	24	4.06	<13	PASS
		1	49	4.4	<13	PASS
		25	0	5.36	<13	PASS
		25	12	5.45	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.91	<13	PASS
16QAM	LCH	1	0	4.91	<13	PASS
		1	24	6.25	<13	PASS
		1	49	4.98	<13	PASS
		25	0	6.72	<13	PASS
		25	12	7.04	<13	PASS
		25	25	6.52	<13	PASS
		50	0	6.51	<13	PASS
	MCH	1	0	6.29	<13	PASS
		1	24	5.32	<13	PASS
		1	49	5.3	<13	PASS
		25	0	6.78	<13	PASS

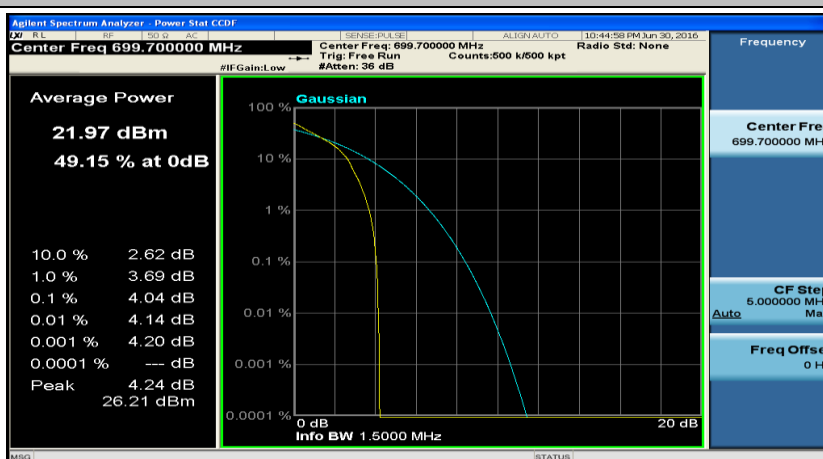
		25	12	6.33	<13	PASS
		25	25	6.1	<13	PASS
		50	0	6.4	<13	PASS
	HCH	1	0	5.61	<13	PASS
		1	24	4.93	<13	PASS
		1	49	5.26	<13	PASS
		25	0	6.11	<13	PASS
		25	12	6.19	<13	PASS
		25	25	6.52	<13	PASS
		50	0	6.51	<13	PASS

Test Graphs

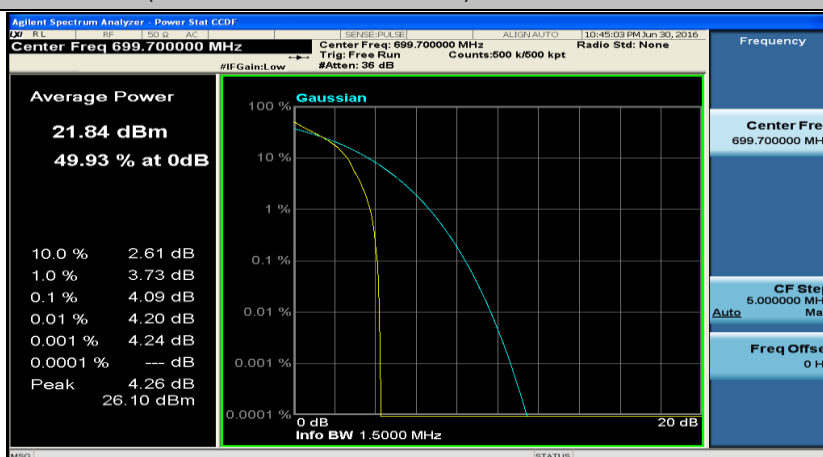
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



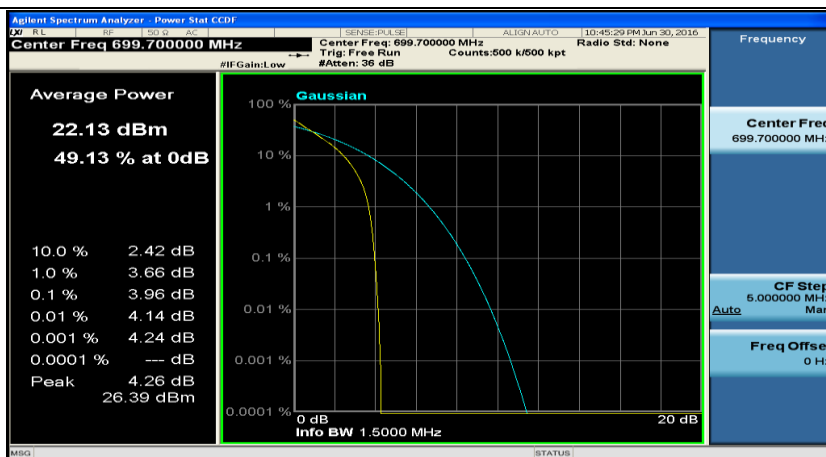
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



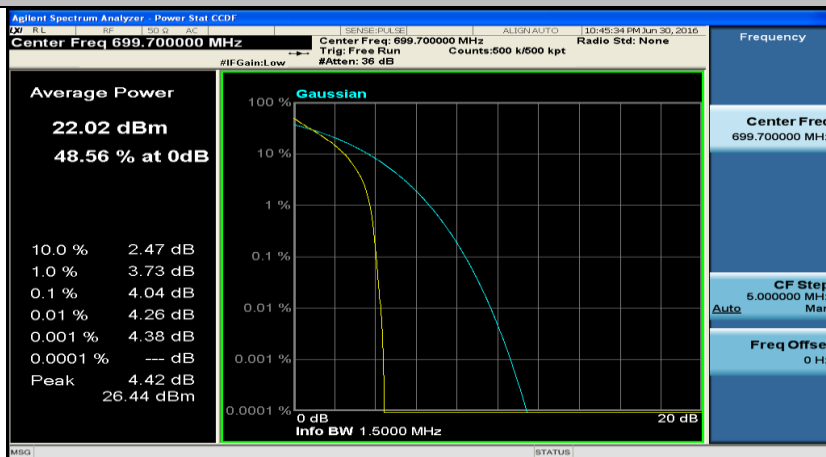
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



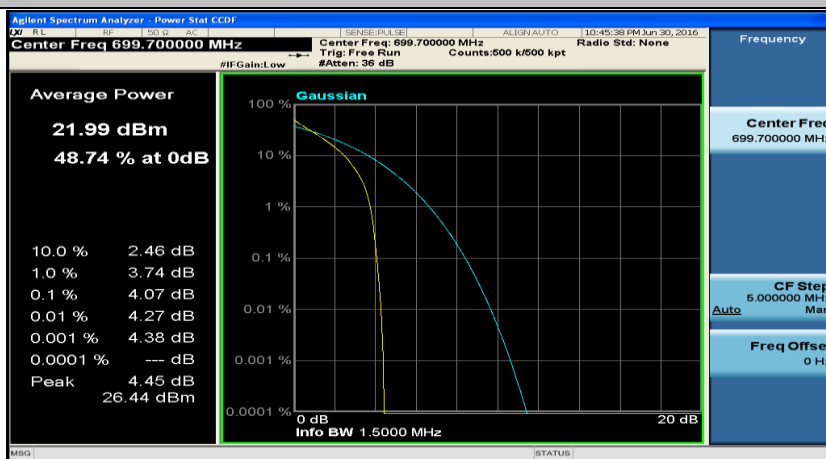
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



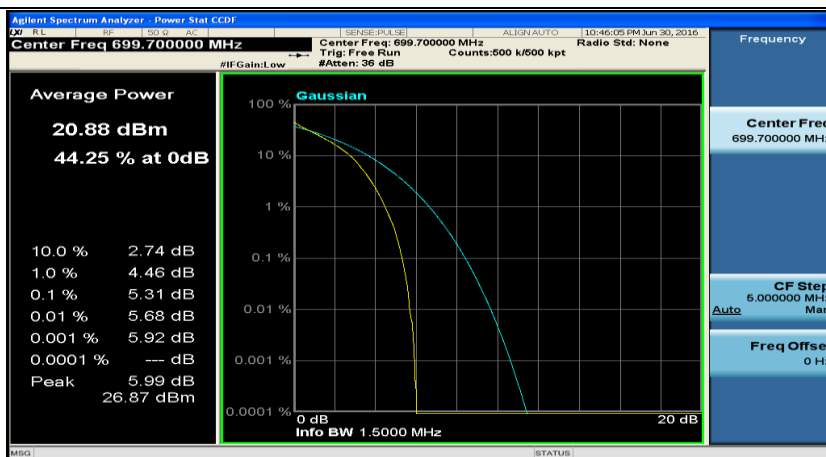
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



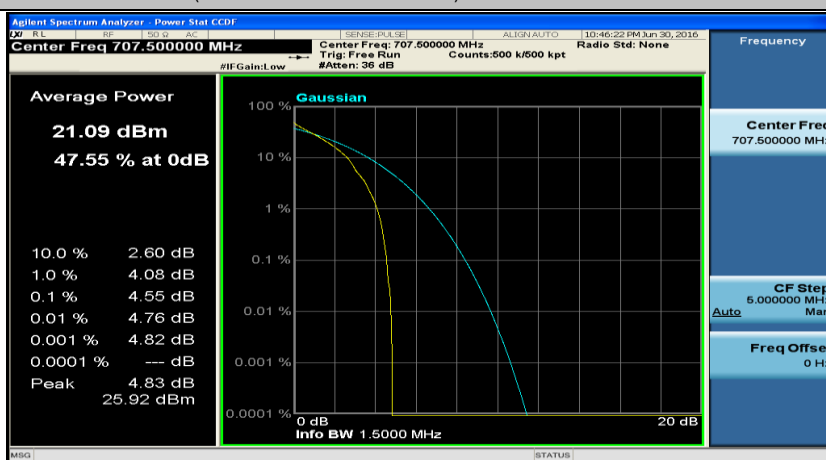
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



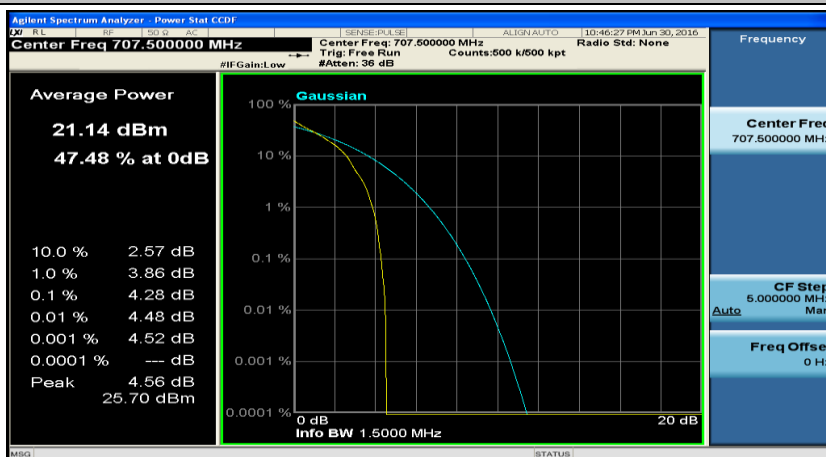
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



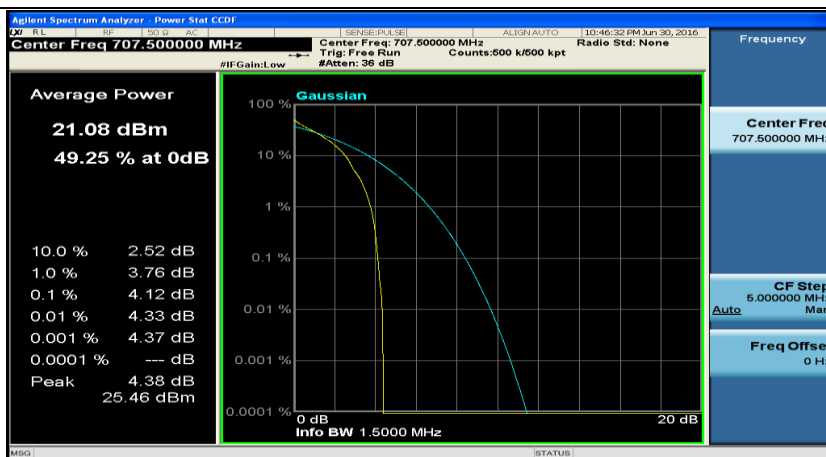
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



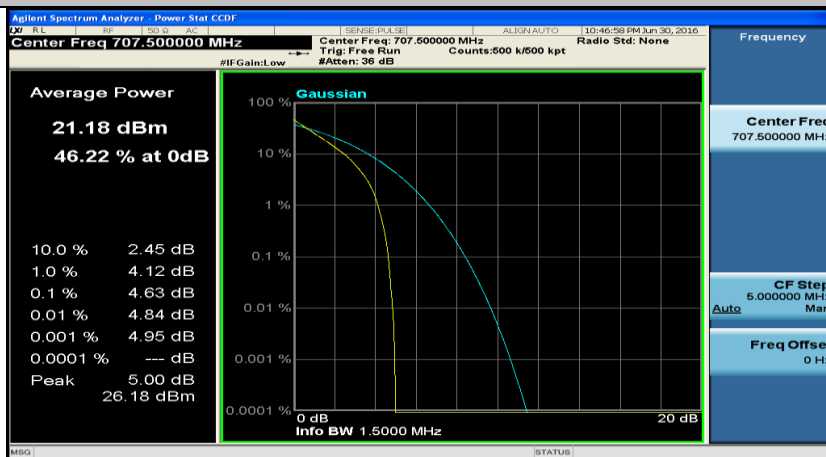
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



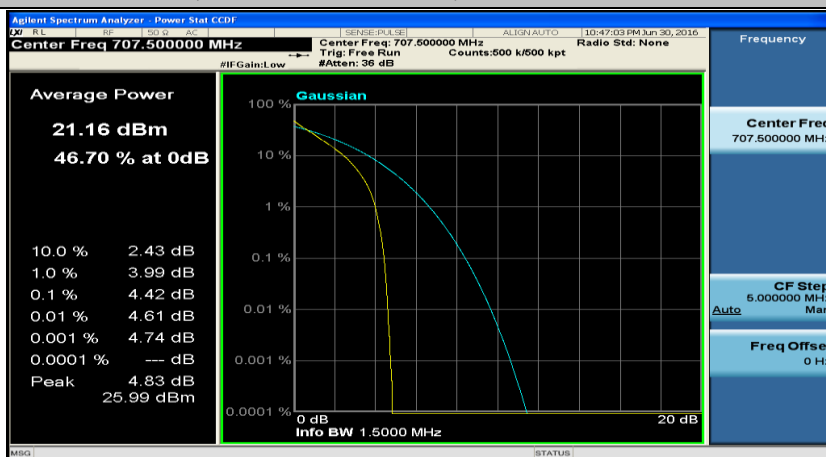
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



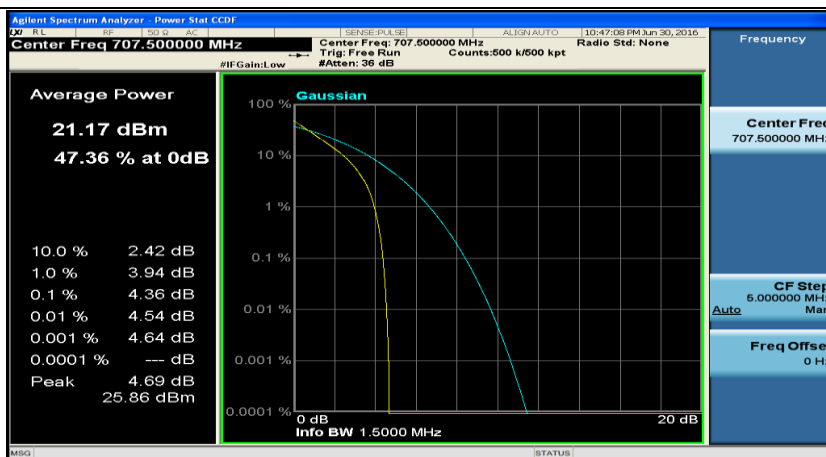
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



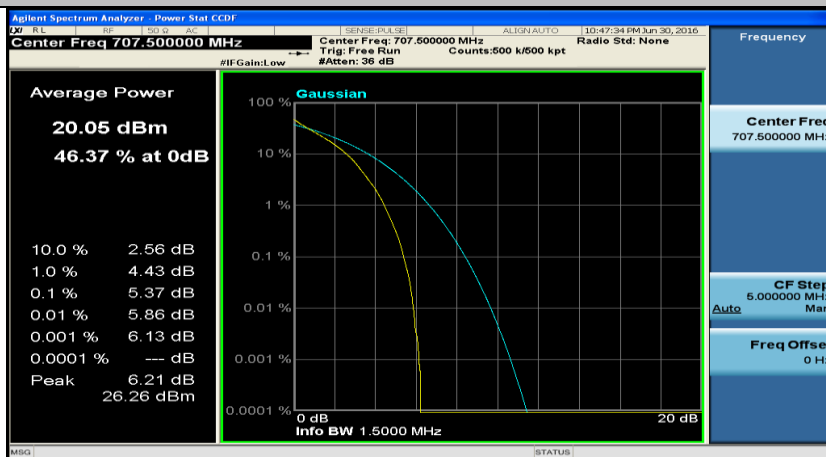
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



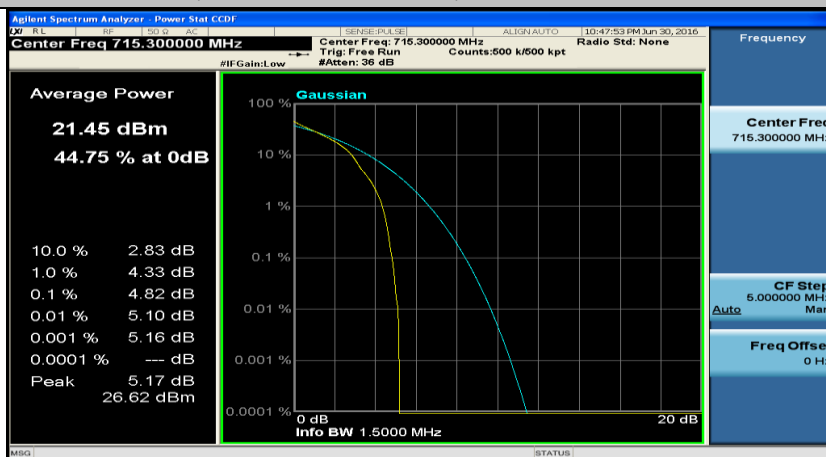
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



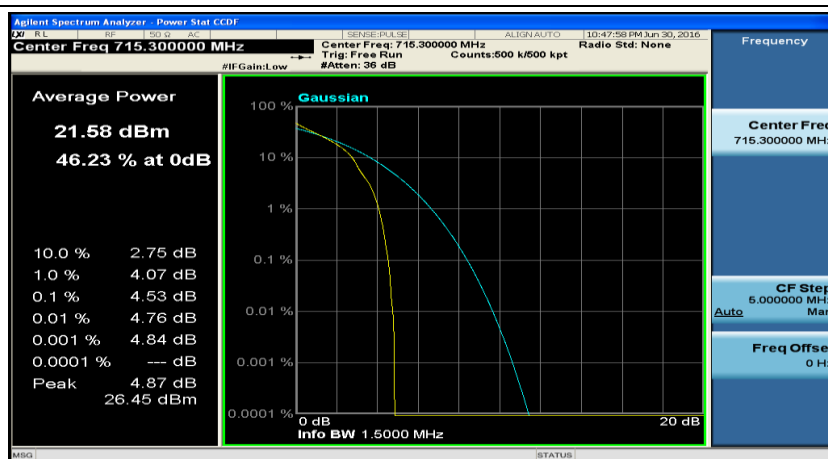
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



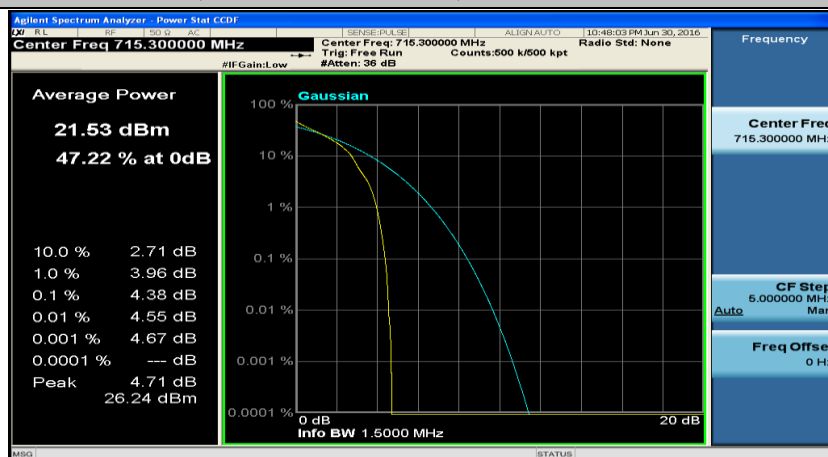
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



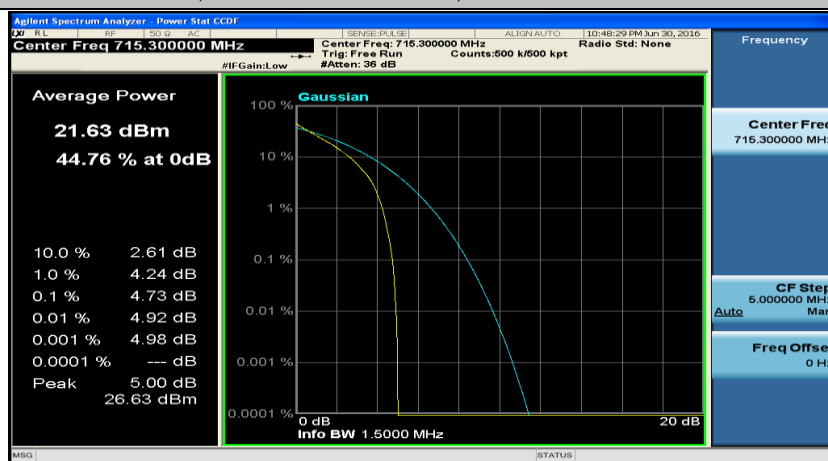
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



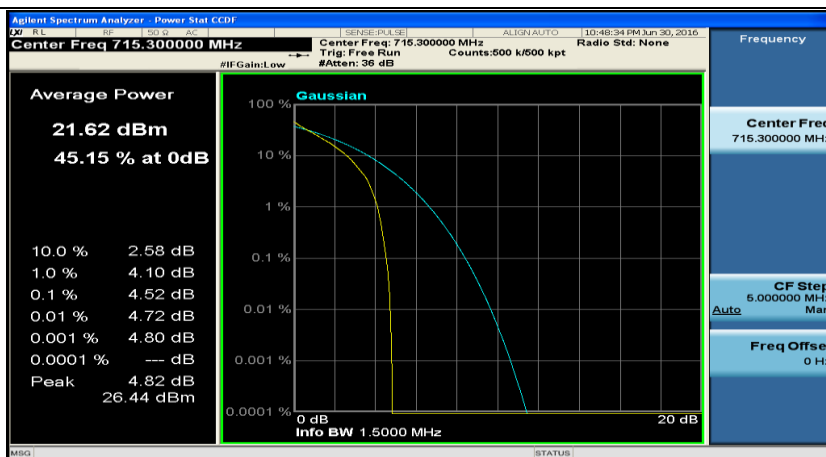
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



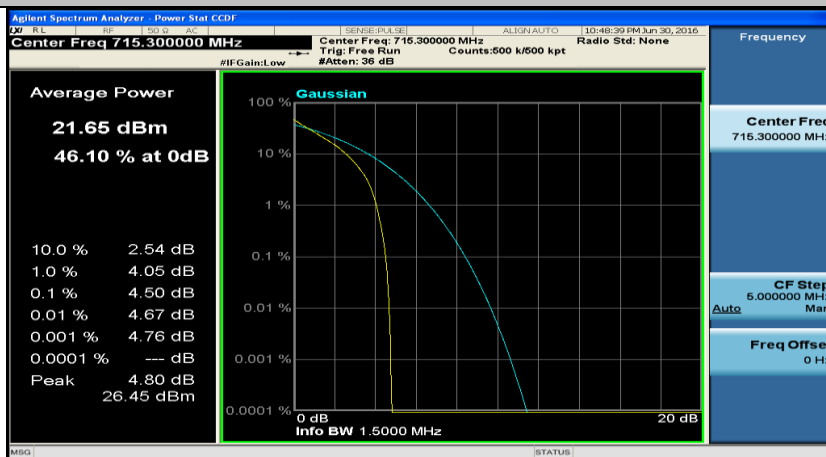
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



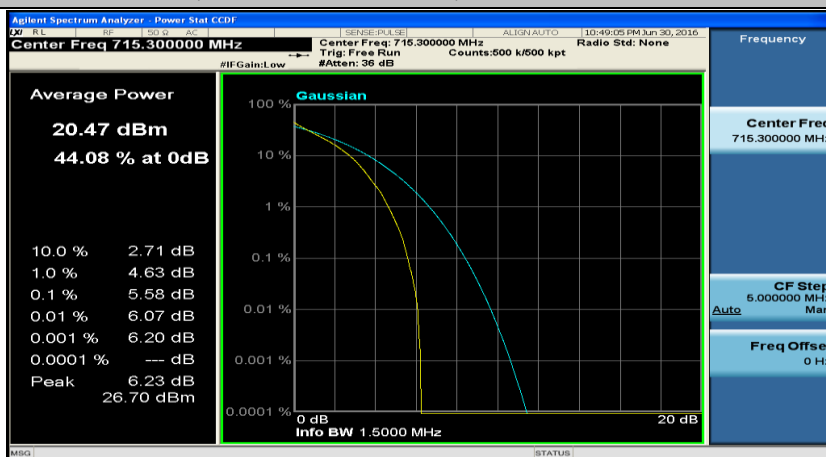
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



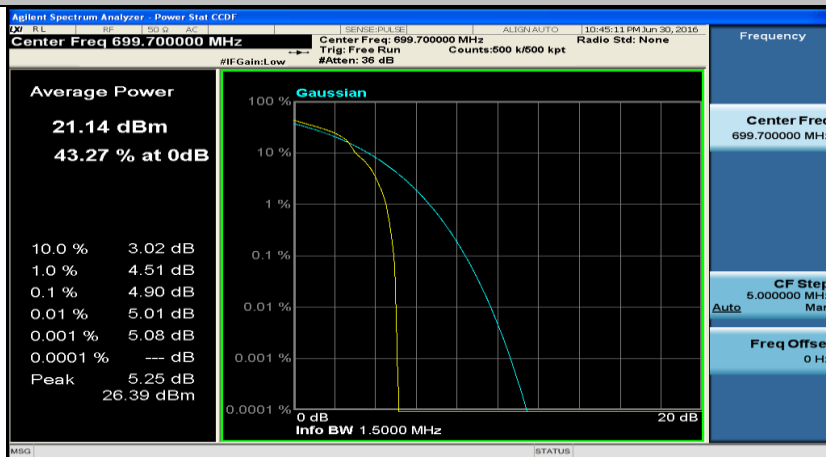
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



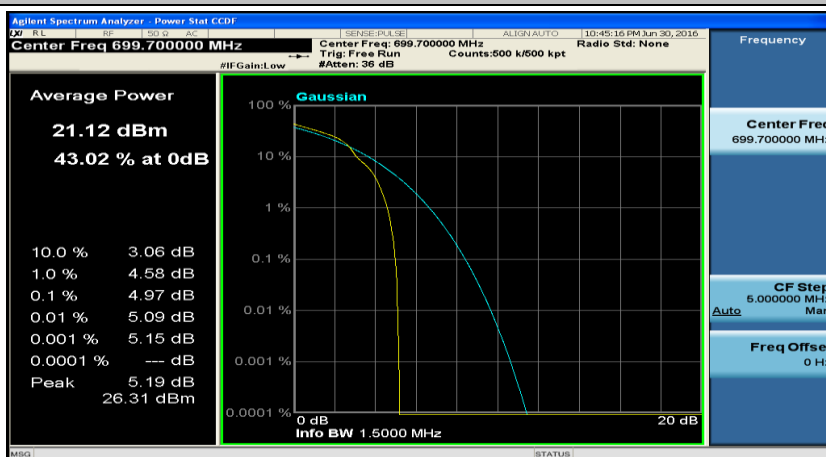
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



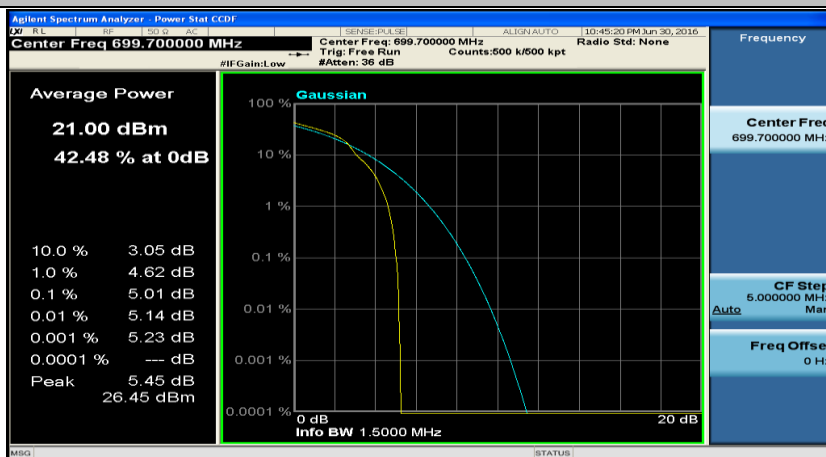
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



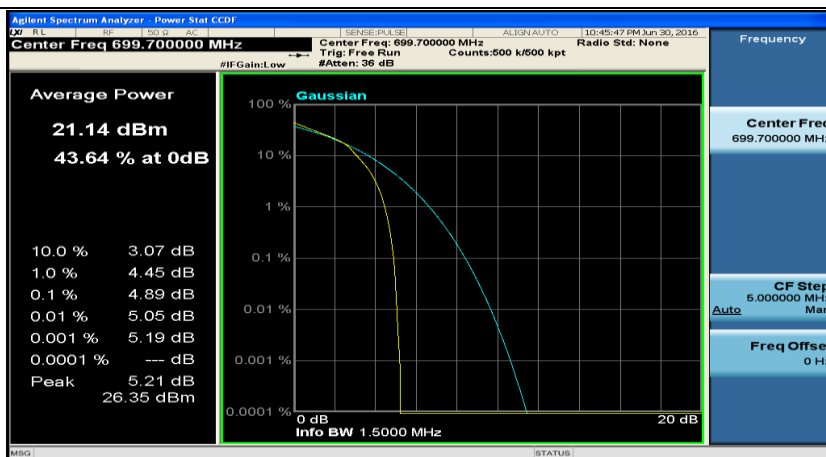
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



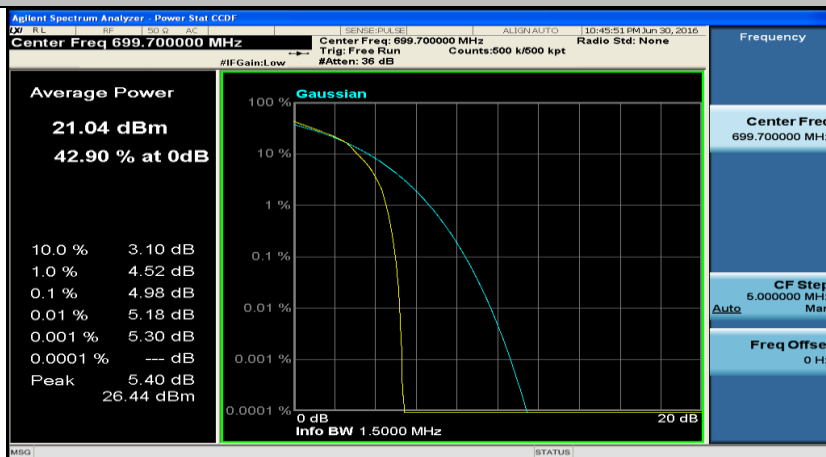
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



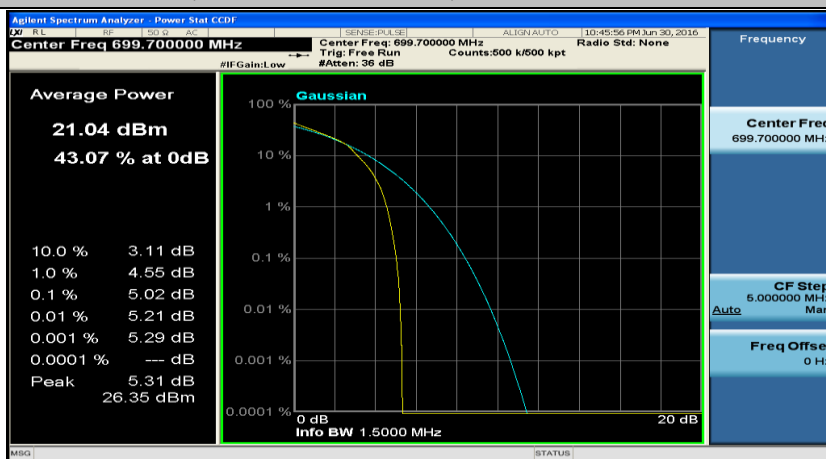
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



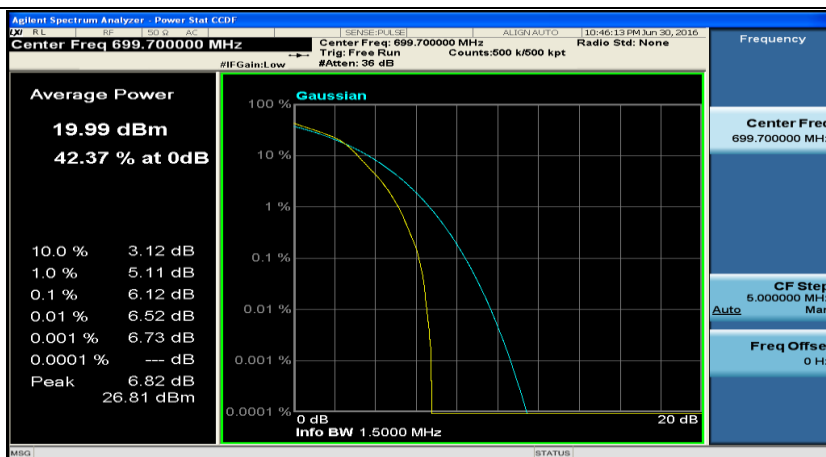
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



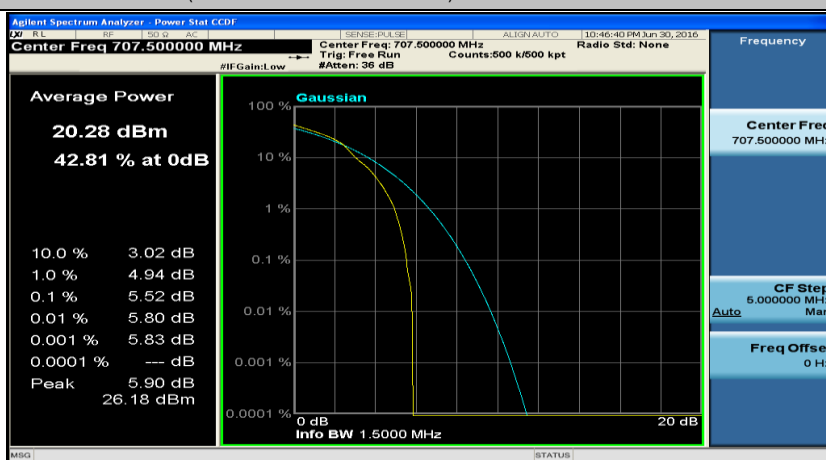
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



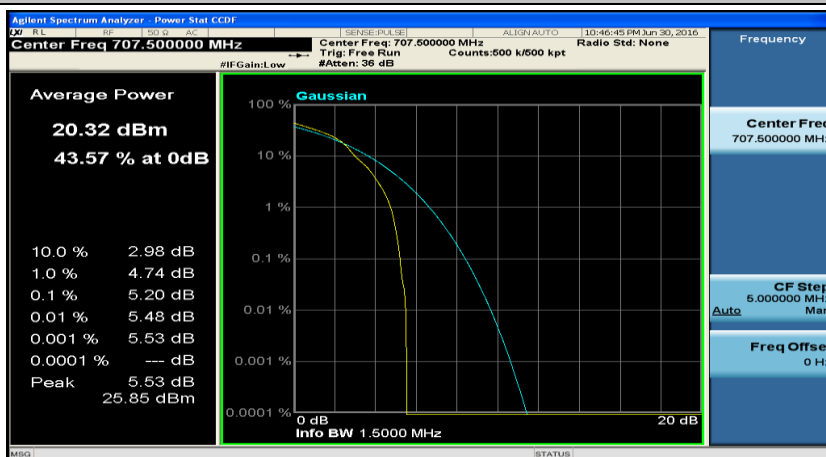
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



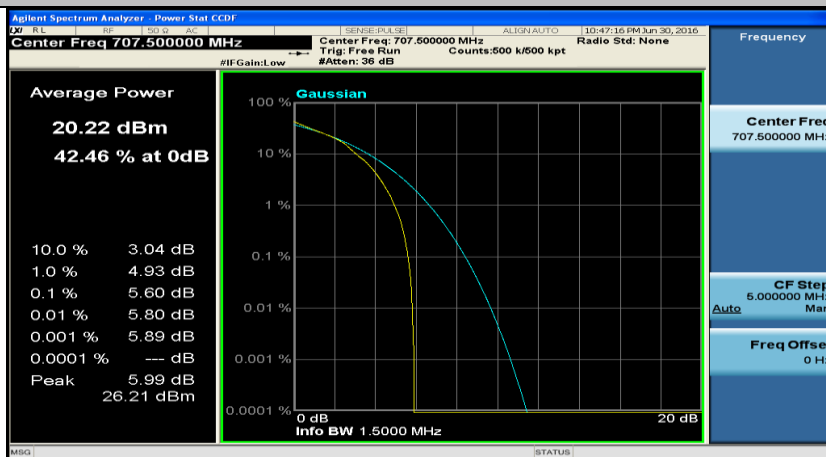
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



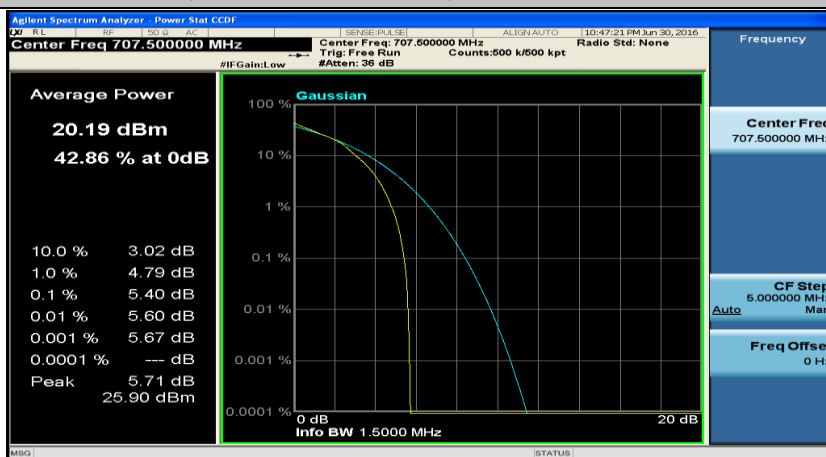
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



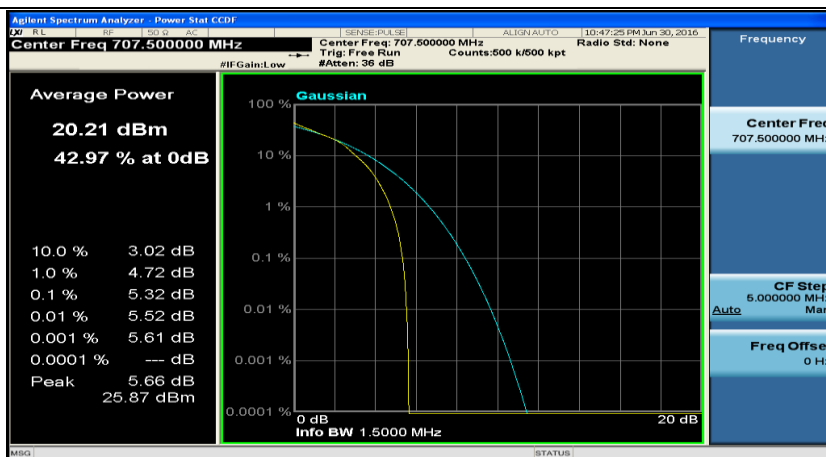
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



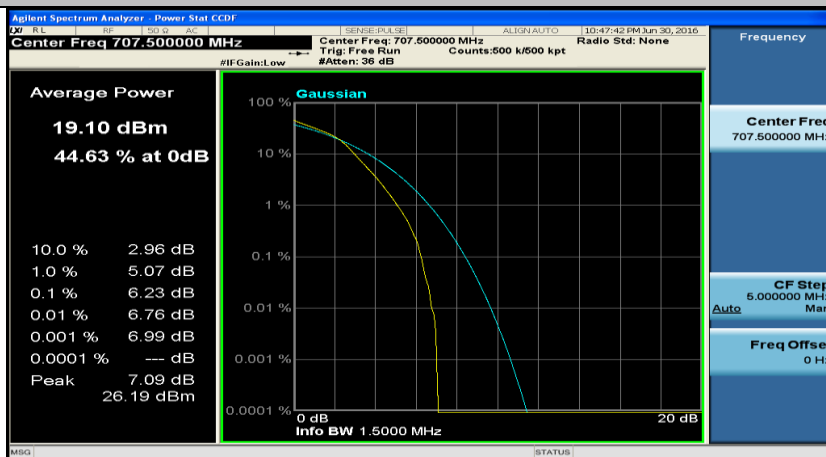
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



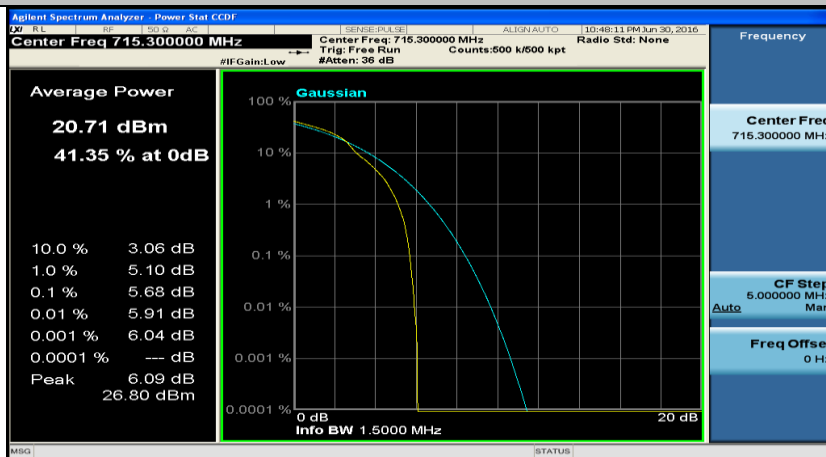
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



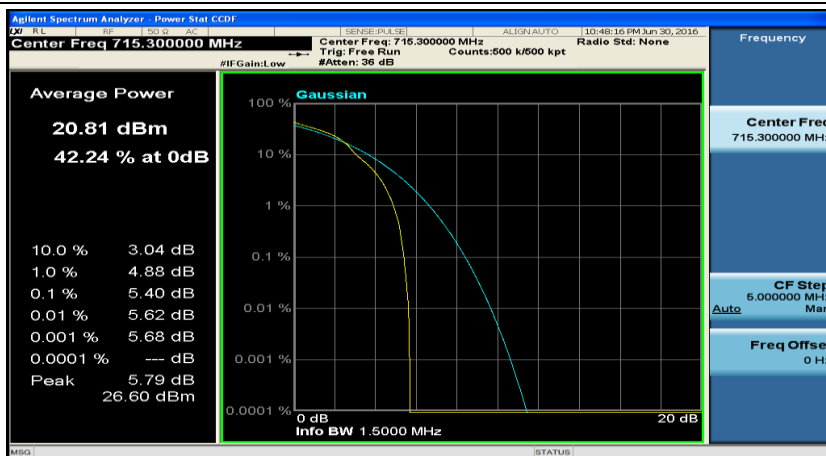
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



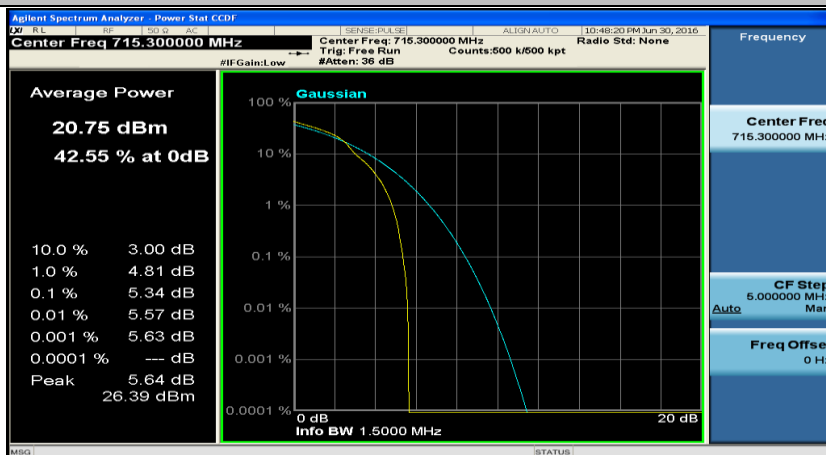
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



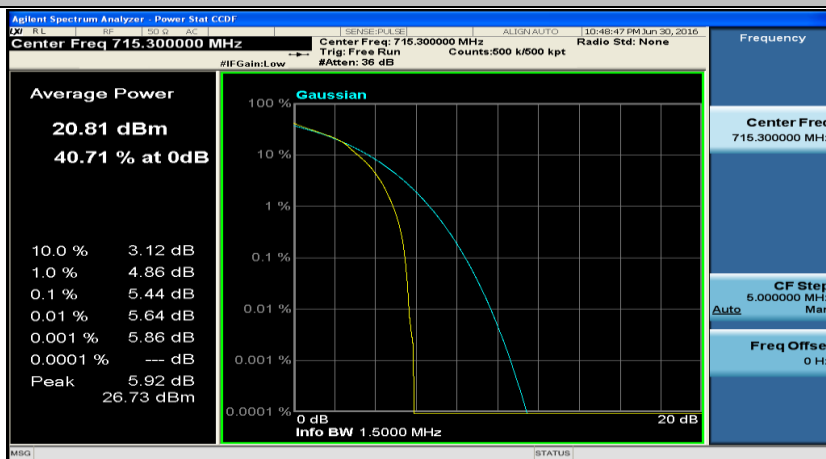
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



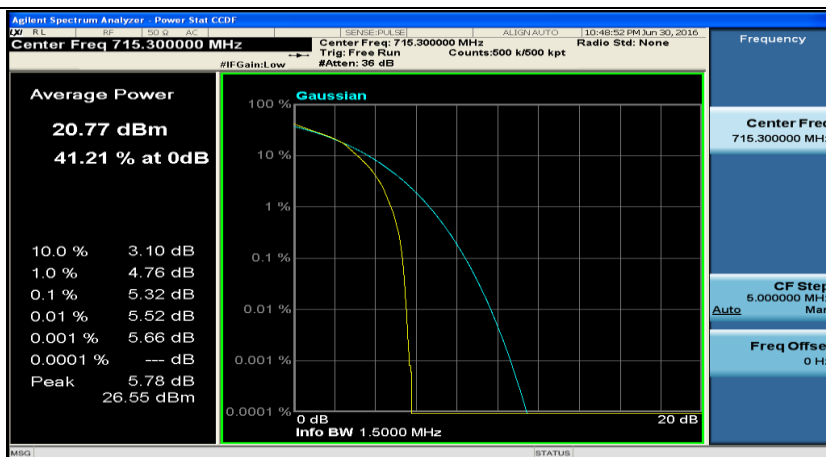
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



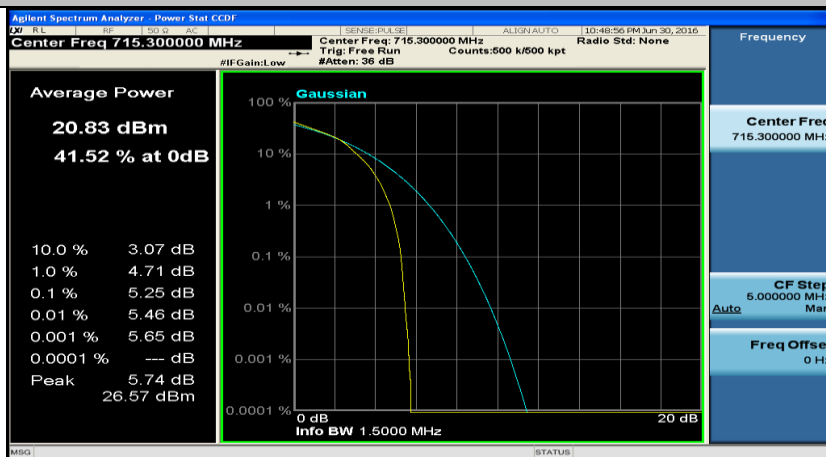
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



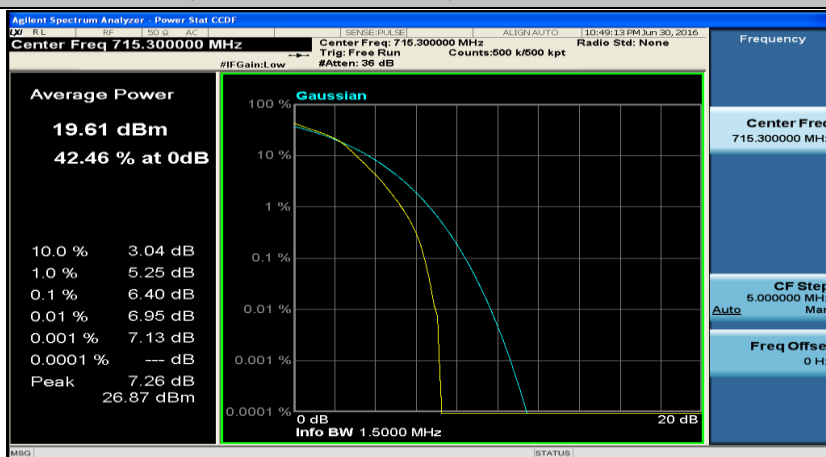
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

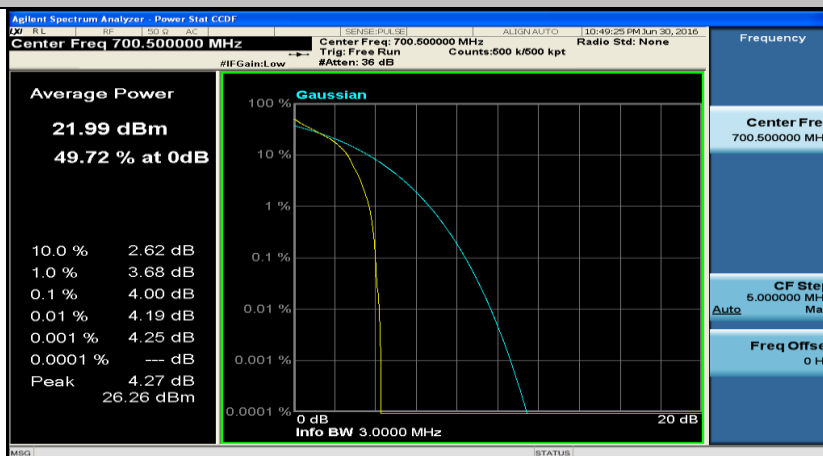


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

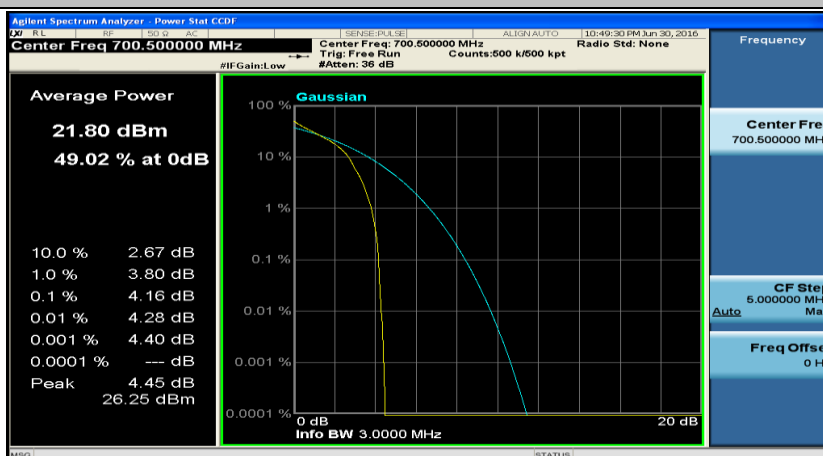


Channel Bandwidth: 3 MHz

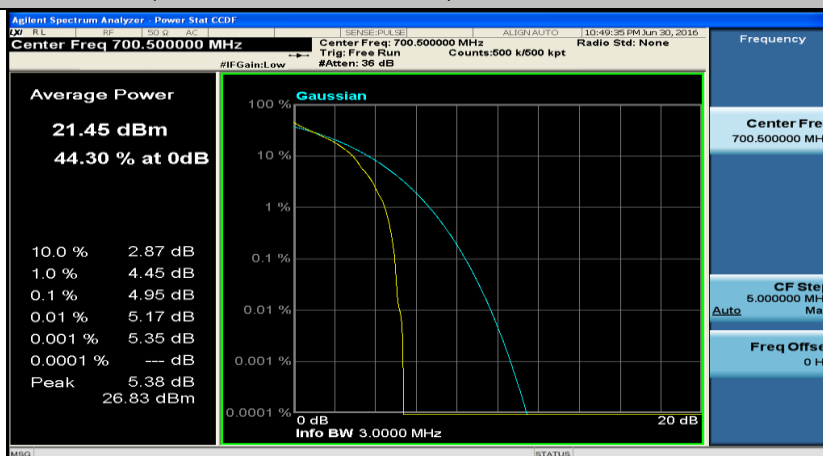
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



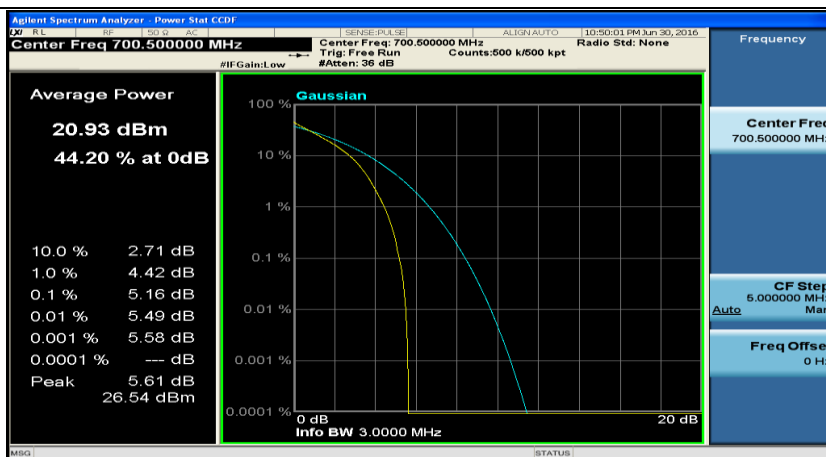
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



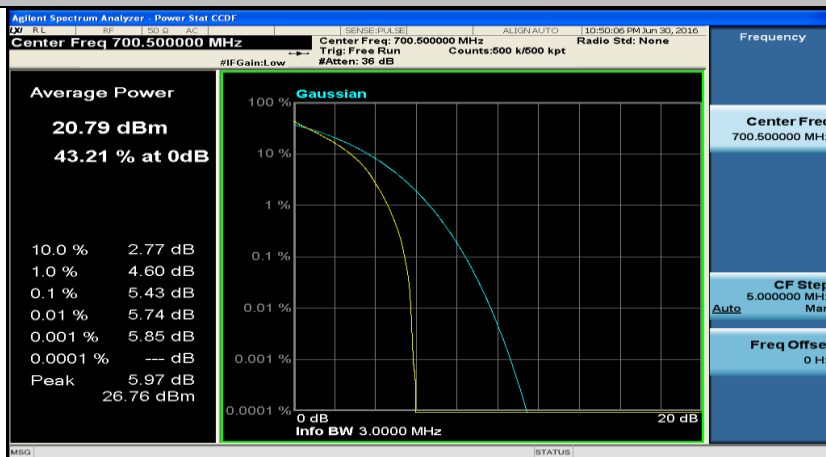
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



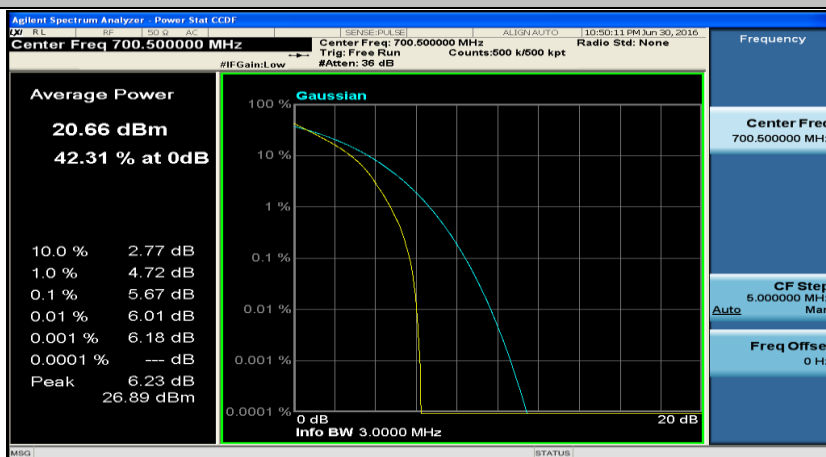
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



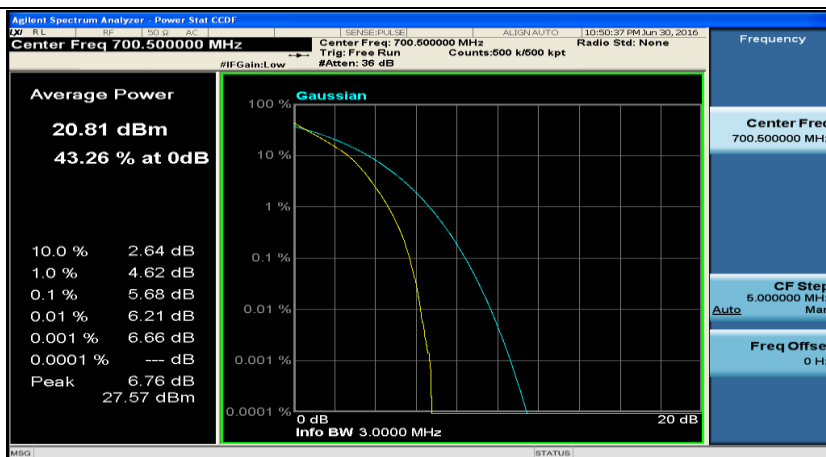
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



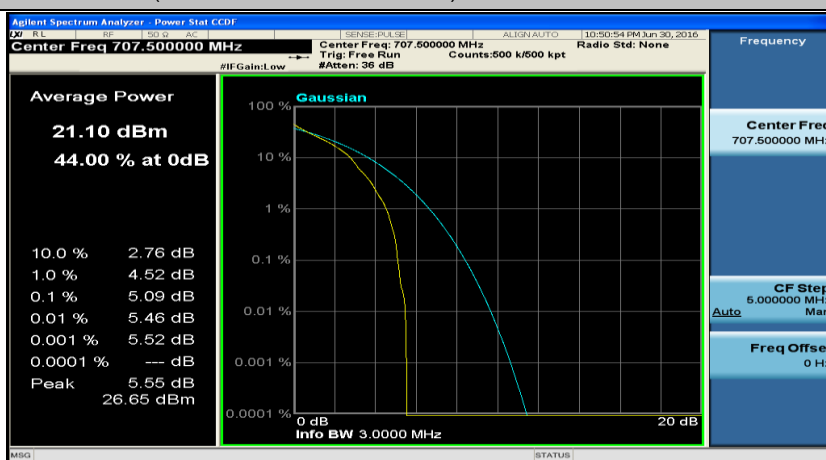
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



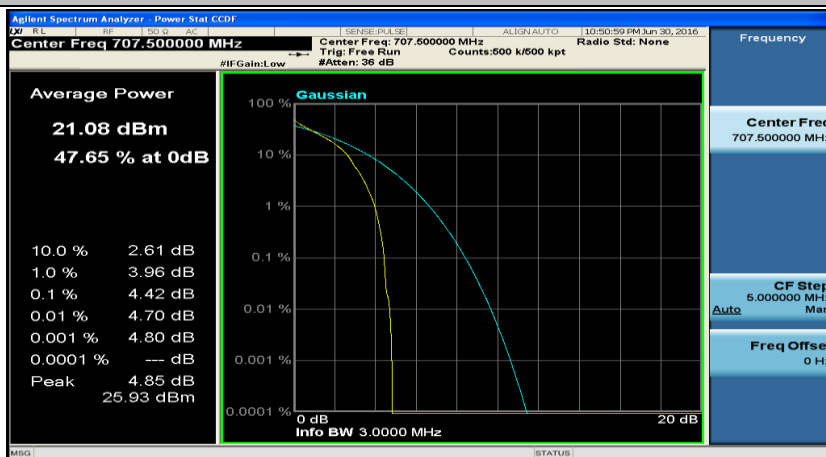
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



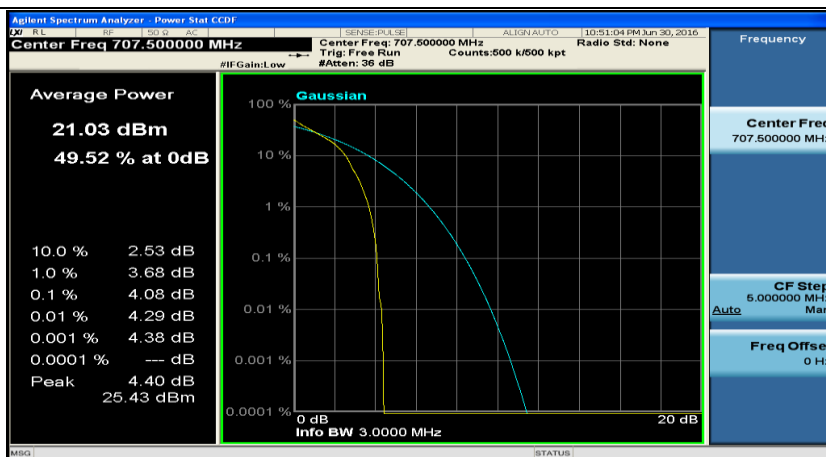
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



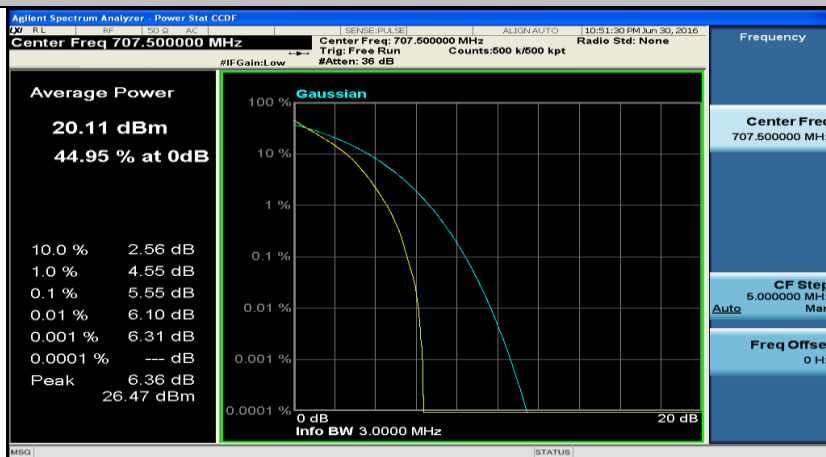
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



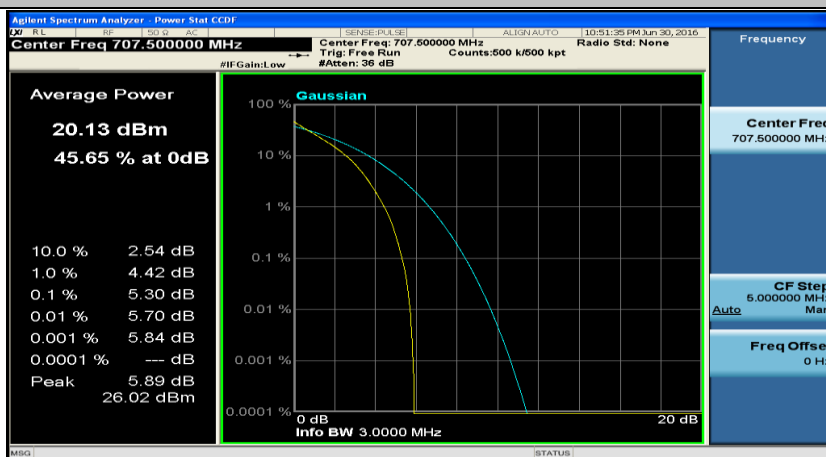
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



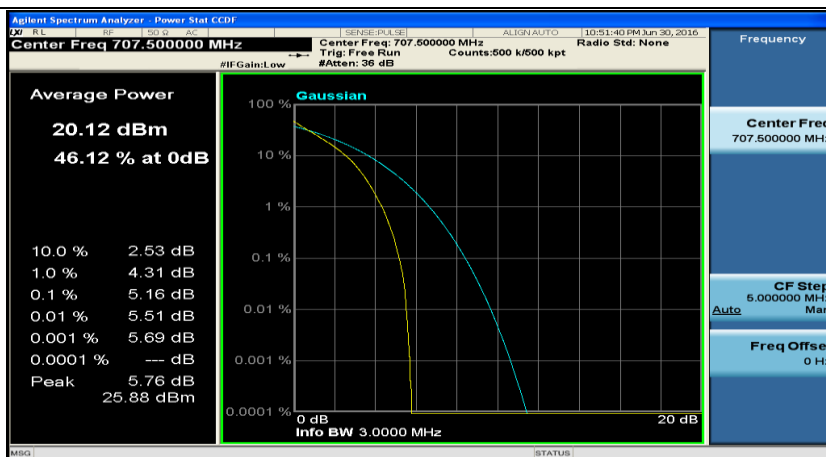
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



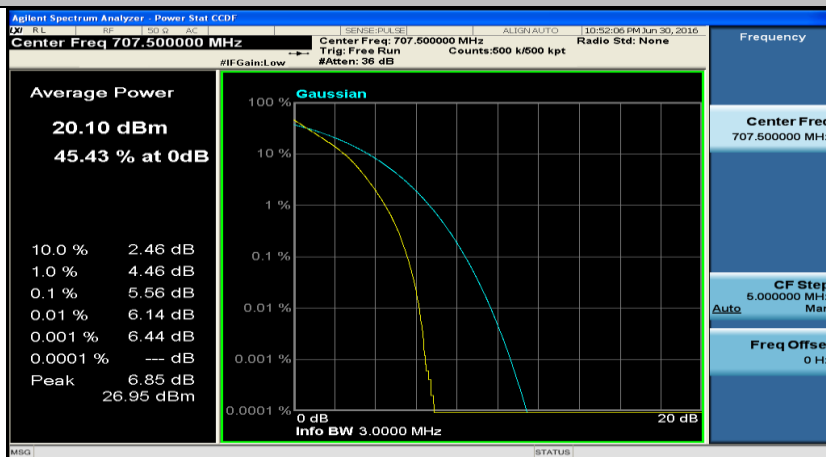
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



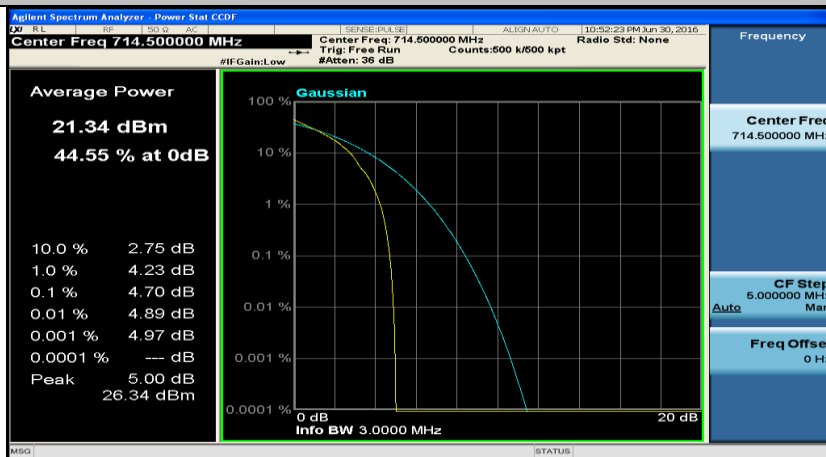
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



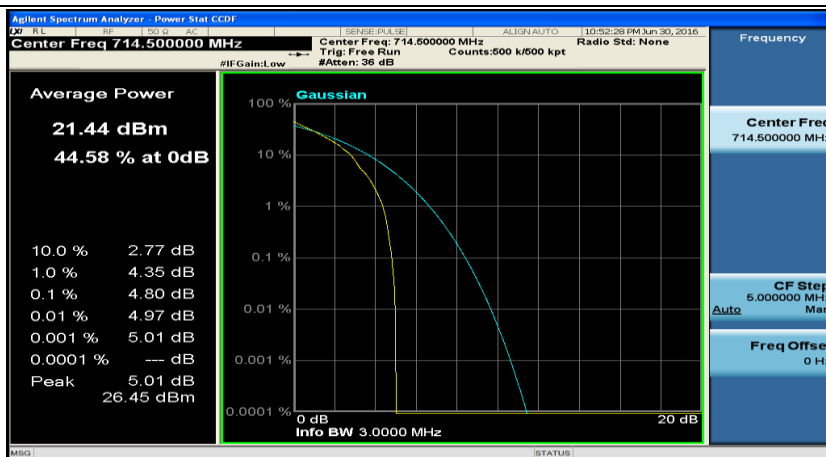
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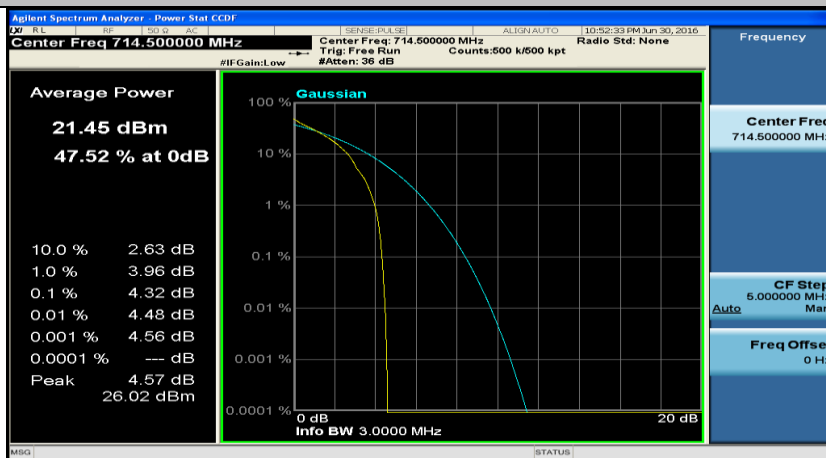
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



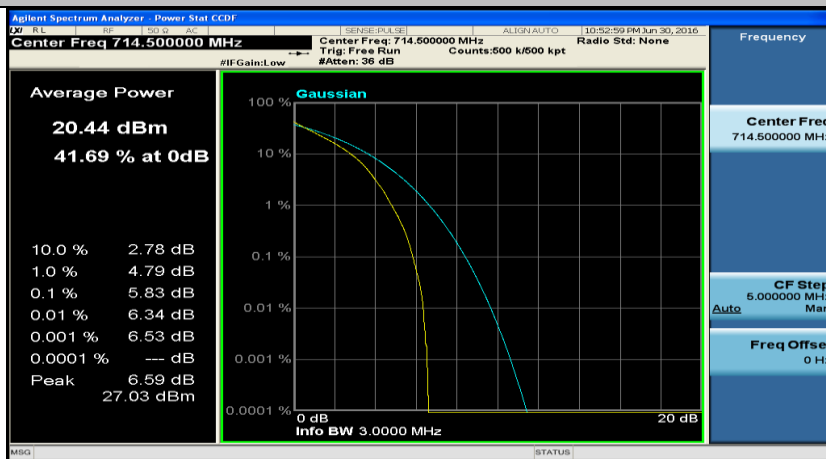
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



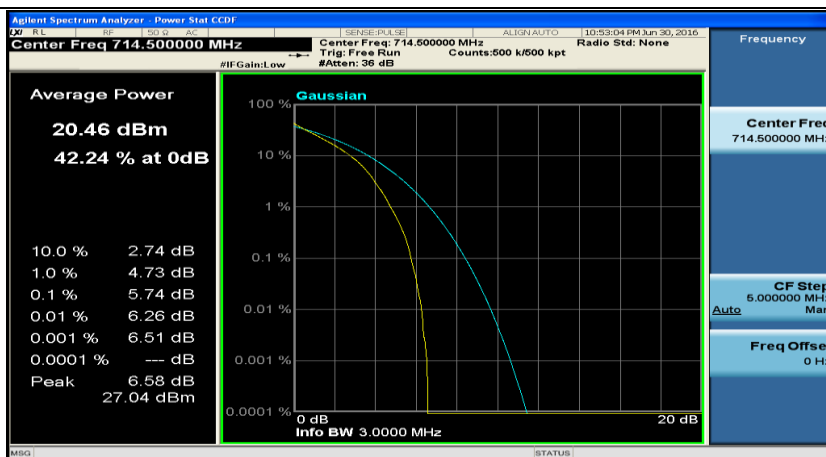
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



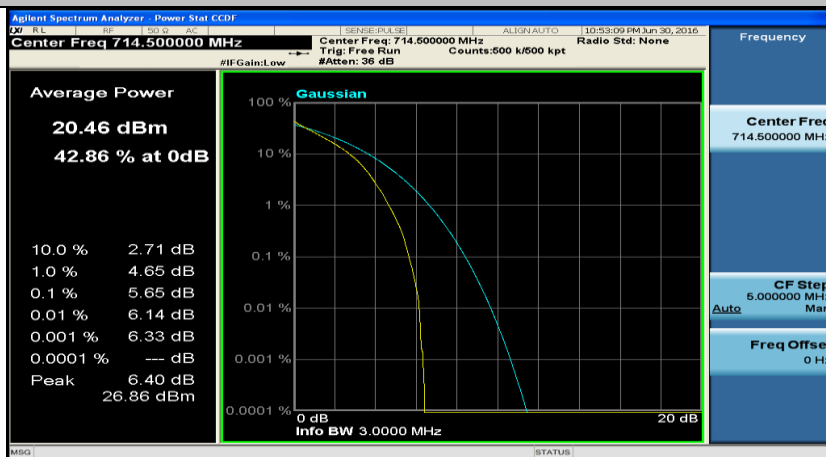
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



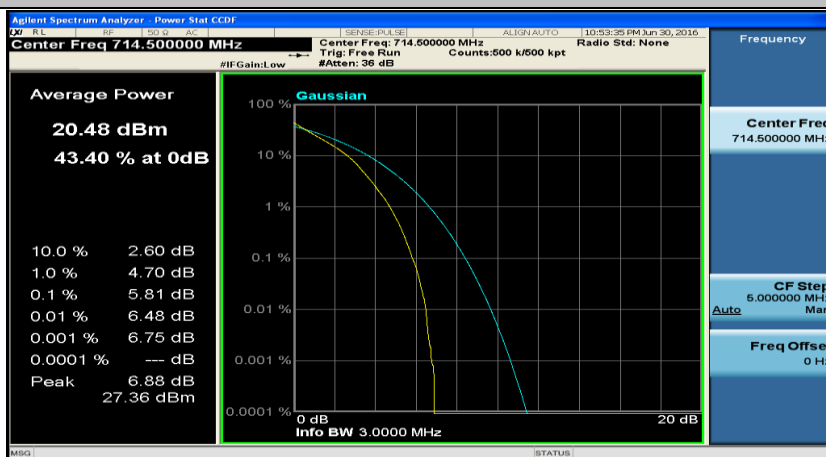
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



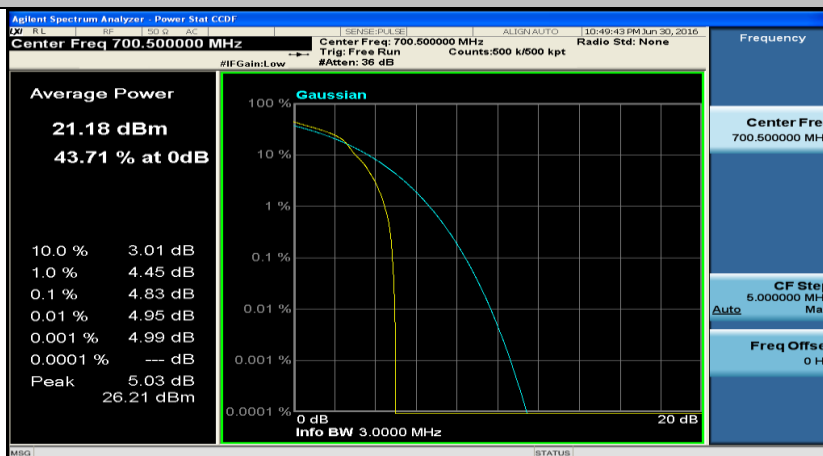
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



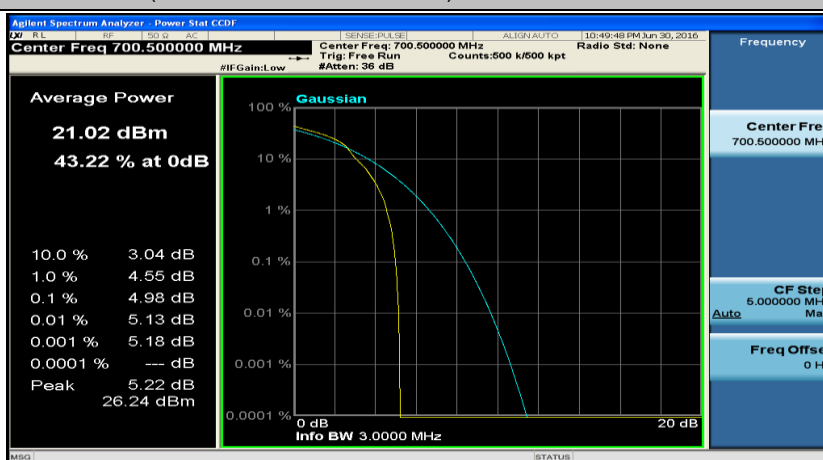
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



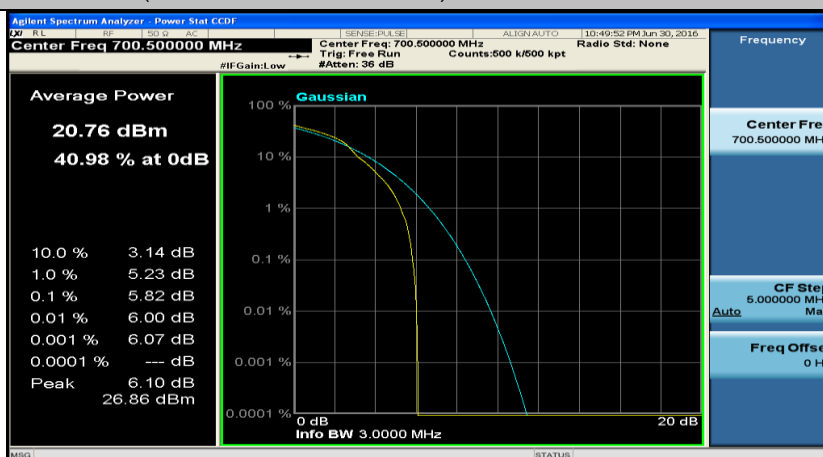
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



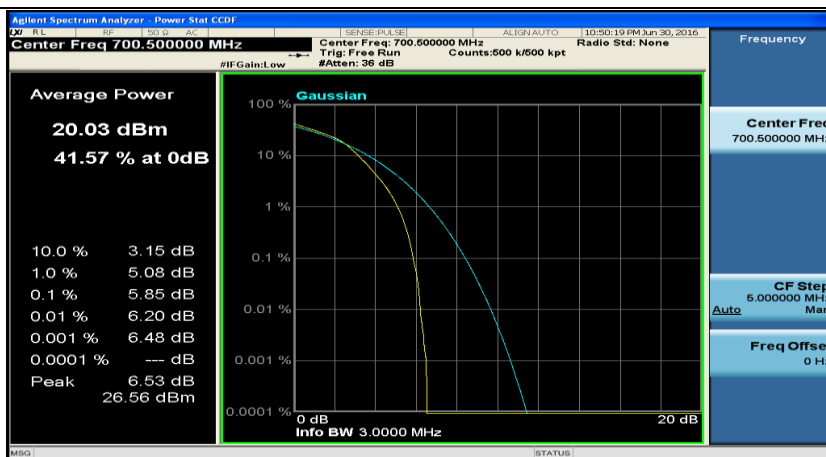
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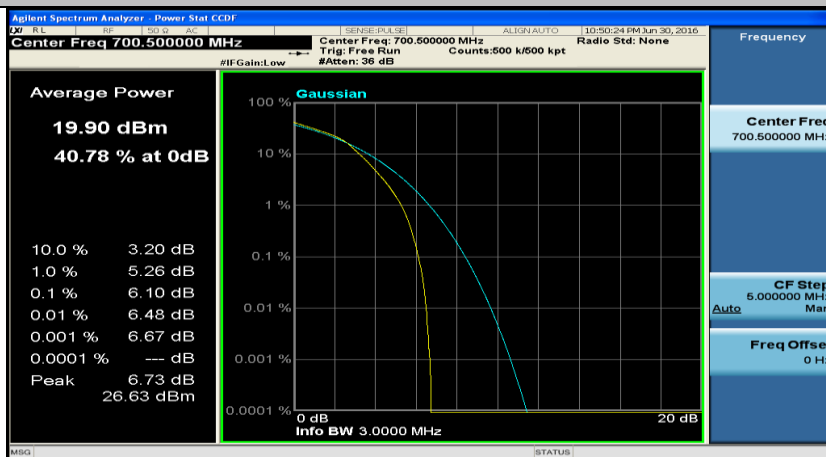
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



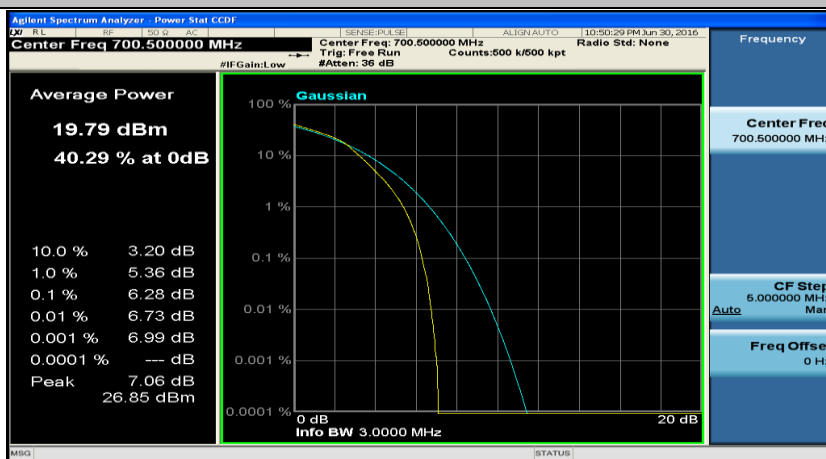
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



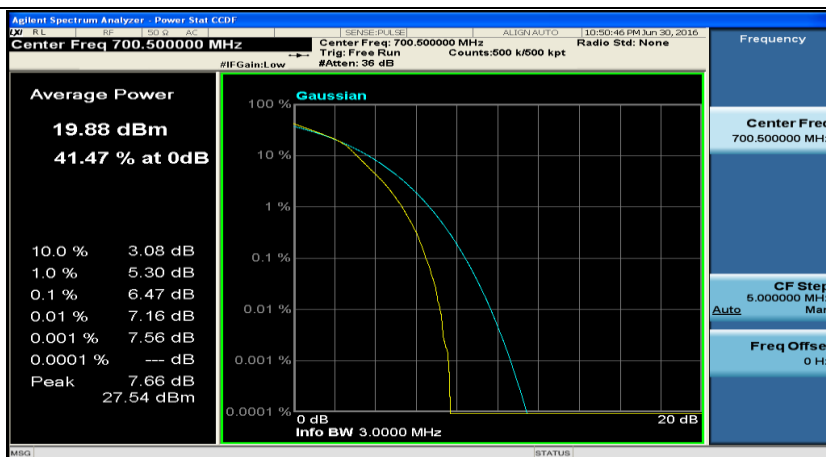
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



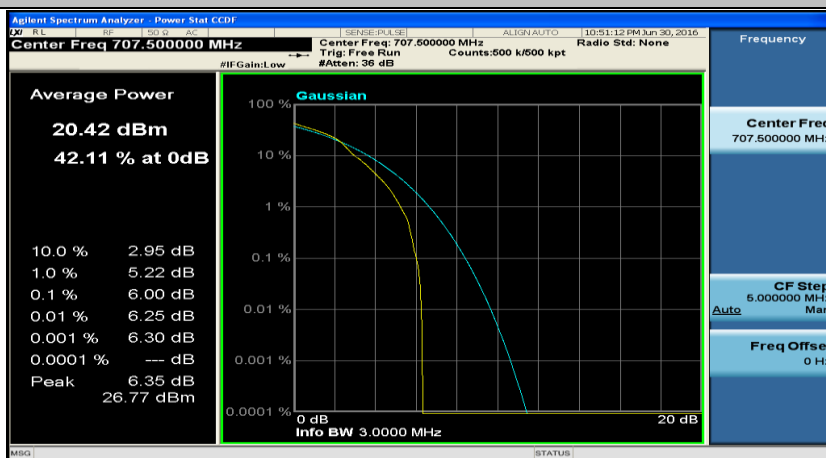
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



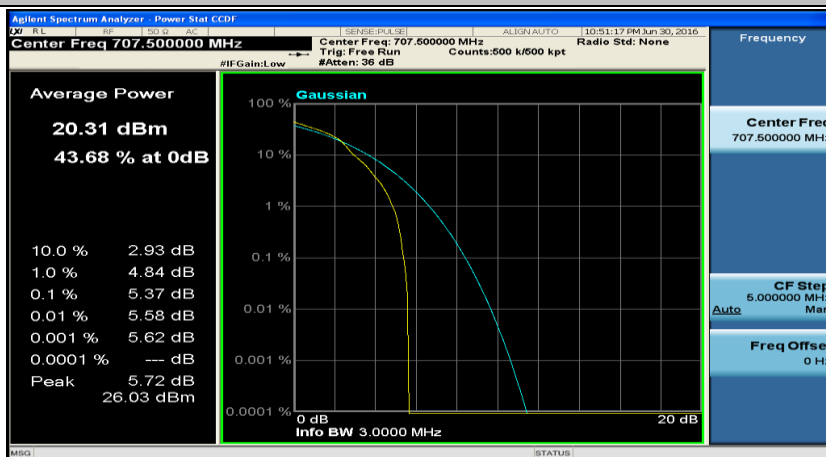
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



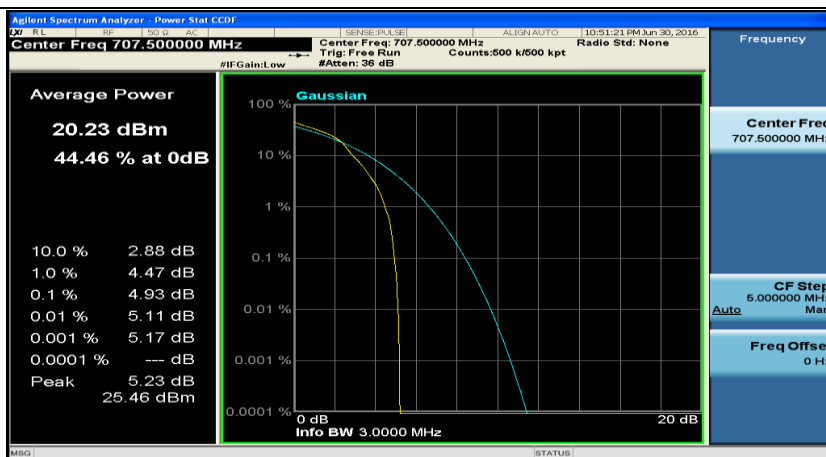
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



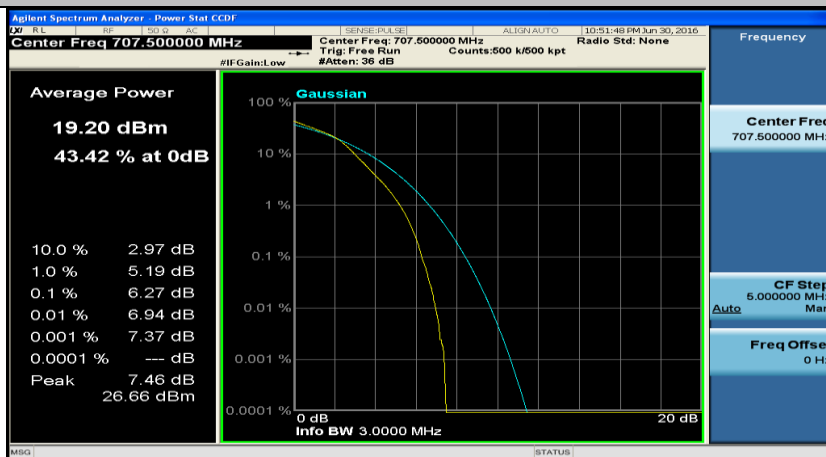
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



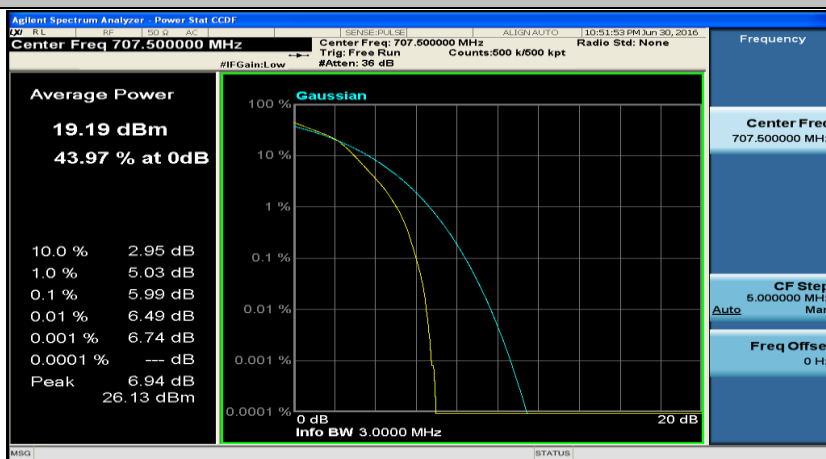
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



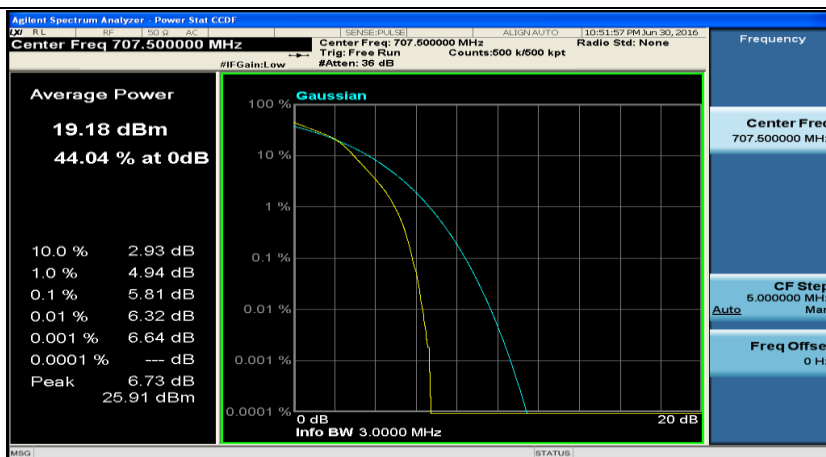
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



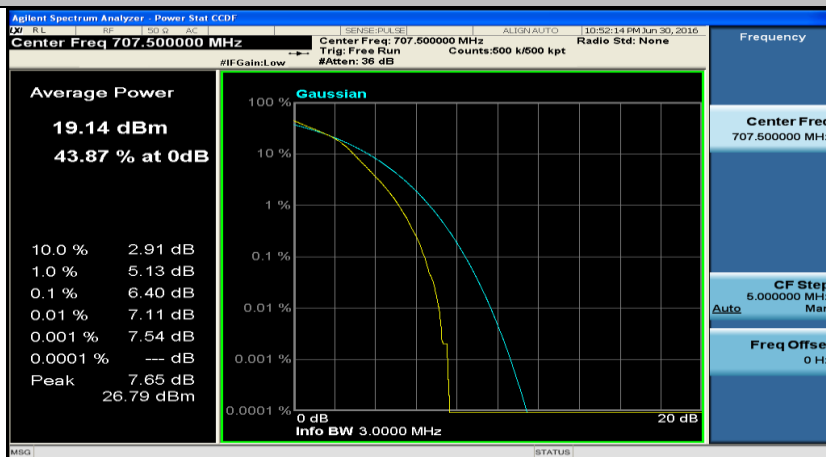
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



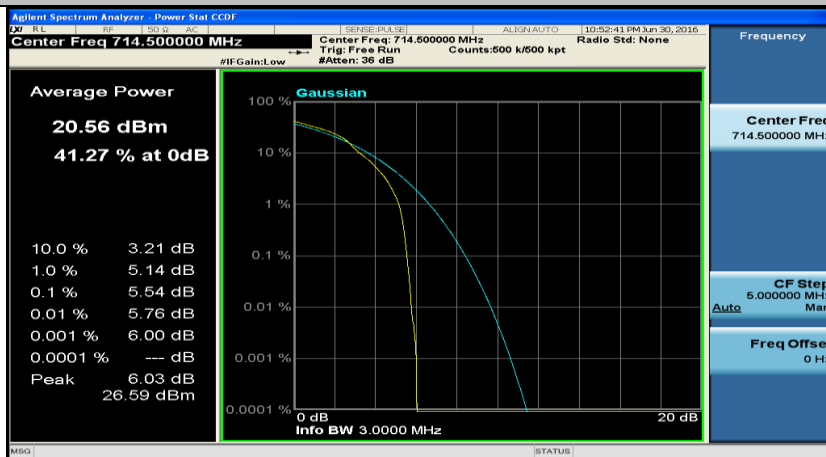
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



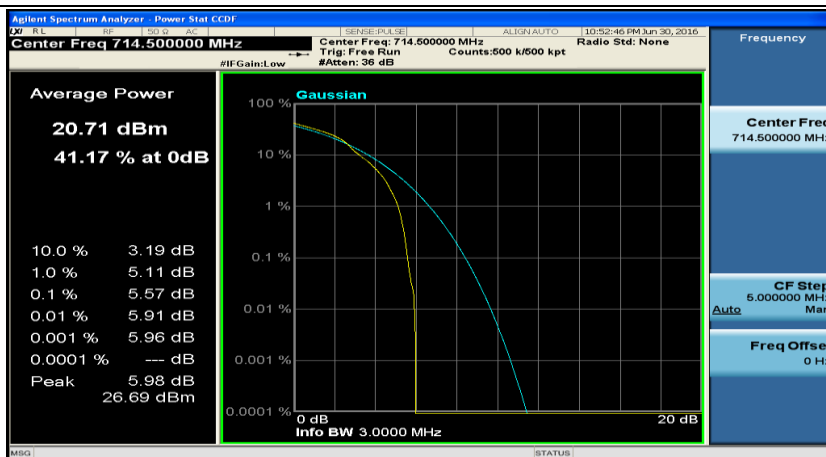
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



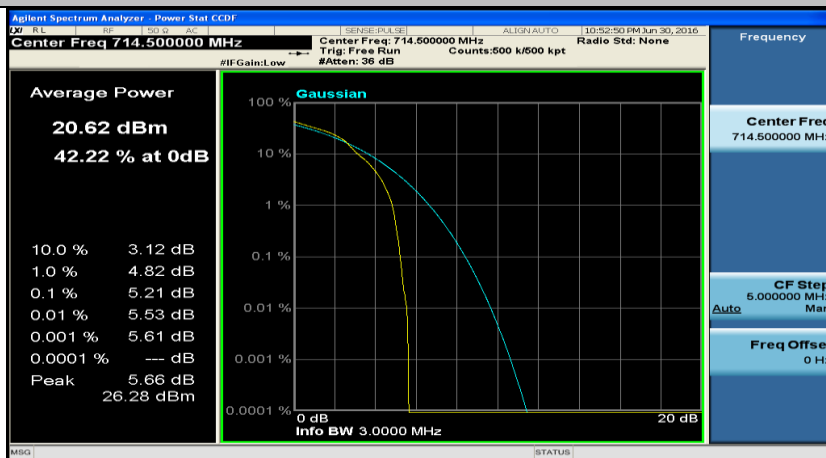
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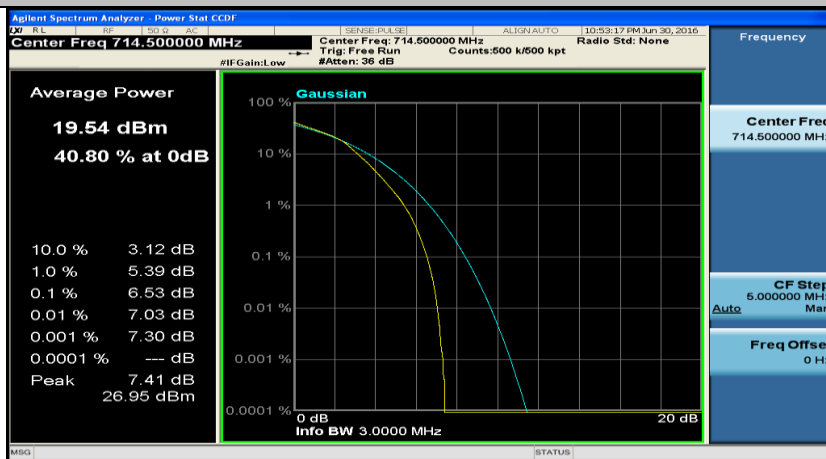
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



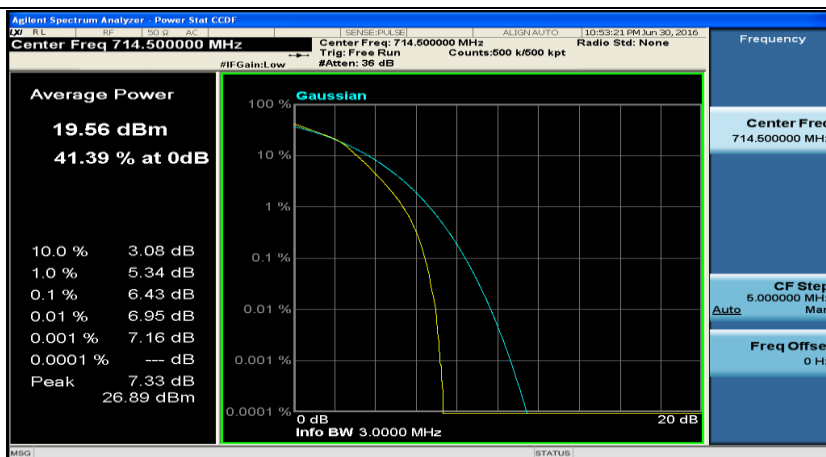
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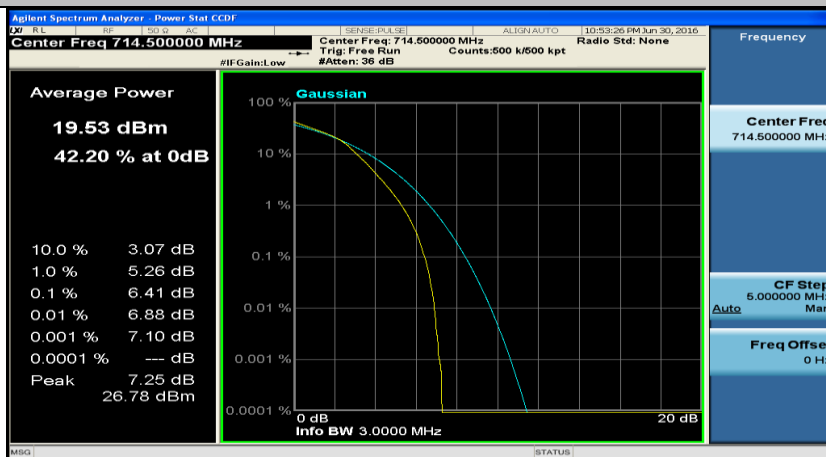
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

