Appendix D.2: 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	4.63	<13	PASS
		1	12	4.81	<13	PASS
		1	24	4.42	<13	PASS
		12	0	5.96	<13	PASS
		12	6	5.96	<13	PASS
		12	13	5.85	<13	PASS
		25	0	5.94	<13	PASS
	MCH	1	0	4.7	<13	PASS
		1	12	3.78	<13	PASS
		1	24	3.06	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.02	<13	PASS
		12	13	4.6	<13	PASS
		25	0	5.43	<13	PASS
	HCH	1	0	3.29	<13	PASS
		1	12	3.15	<13	PASS
		1	24	3.67	<13	PASS
		12	0	4.39	<13	PASS
		12	6	4.38	<13	PASS
		12	13	4.68	<13	PASS
		25	0	4.92	<13	PASS
16QAM	LCH	1	0	5.39	<13	PASS
		1	12	5.53	<13	PASS
		1	24	5.13	<13	PASS
		12	0	6.75	<13	PASS
		12	6	6.83	<13	PASS
		12	13	6.72	<13	PASS
		25	0	6.77	<13	PASS
	MCH	1	0	5.3	<13	PASS
		1	12	4.44	<13	PASS
		1	24	3.97	<13	PASS
		12	0	6.51	<13	PASS
		12	6	5.96	<13	PASS
		12	13	5.51	<13	PASS

		25	0	6.27	<13	PASS
	HCH	1	0	4.33	<13	PASS
		1	12	4.23	<13	PASS
		1	24	4.47	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.2	<13	PASS
		12	13	5.54	<13	PASS
		25	0	5.71	<13	PASS

Channel Bandwidth: 10 MHz

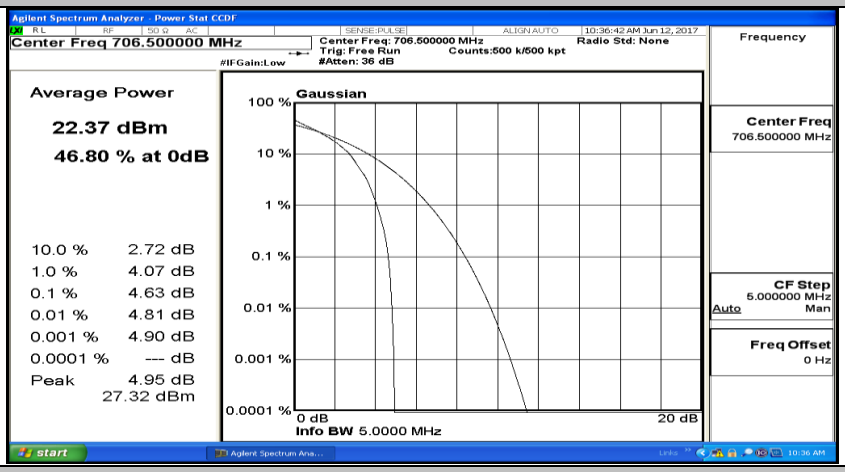
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.81	<13	PASS
		1	24	4.39	<13	PASS
		1	49	3.22	<13	PASS
		25	0	5.87	<13	PASS
		25	12	5.56	<13	PASS
		25	25	4.93	<13	PASS
		50	0	5.67	<13	PASS
	MCH	1	0	4.87	<13	PASS
		1	24	3.93	<13	PASS
		1	49	3.63	<13	PASS
		25	0	5.77	<13	PASS
		25	12	5.23	<13	PASS
		25	25	4.74	<13	PASS
		50	0	5.59	<13	PASS
	HCH	1	0	4.87	<13	PASS
		1	24	3.37	<13	PASS
		1	49	3.77	<13	PASS
		25	0	5.58	<13	PASS
		25	12	4.91	<13	PASS
		25	25	4.68	<13	PASS
		50	0	5.52	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS
		1	24	5.11	<13	PASS
		1	49	4.16	<13	PASS
		25	0	6.76	<13	PASS
		25	12	6.45	<13	PASS
		25	25	5.75	<13	PASS
		50	0	6.43	<13	PASS
	MCH	1	0	5.62	<13	PASS

		1	24	4.65	<13	PASS
		1	49	4.26	<13	PASS
		25	0	6.7	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.58	<13	PASS
		50	0	6.36	<13	PASS
	HCH	1	0	5.51	<13	PASS
		1	24	4.26	<13	PASS
		1	49	4.54	<13	PASS
		25	0	6.44	<13	PASS
		25	12	5.75	<13	PASS
		25	25	5.53	<13	PASS
		50	0	6.24	<13	PASS

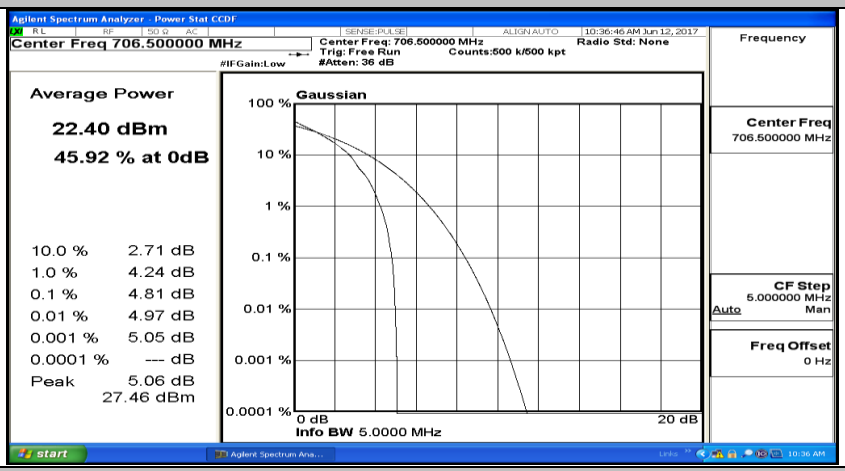
Test Graphs

Channel Bandwidth: 5 MHz

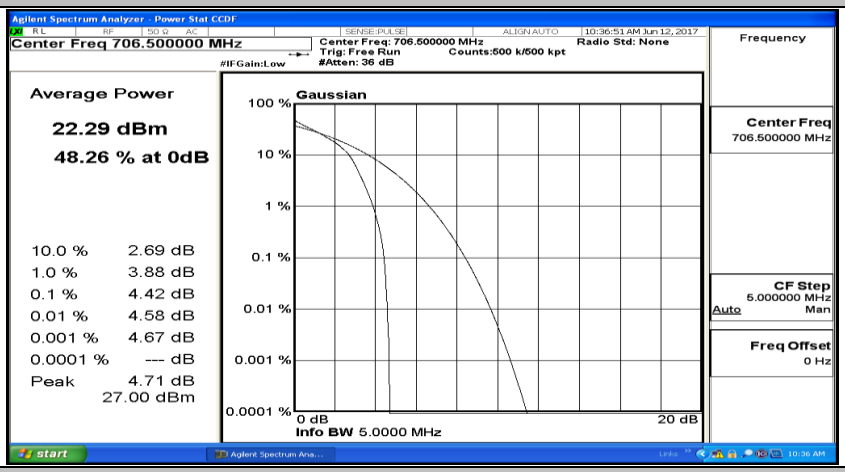
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



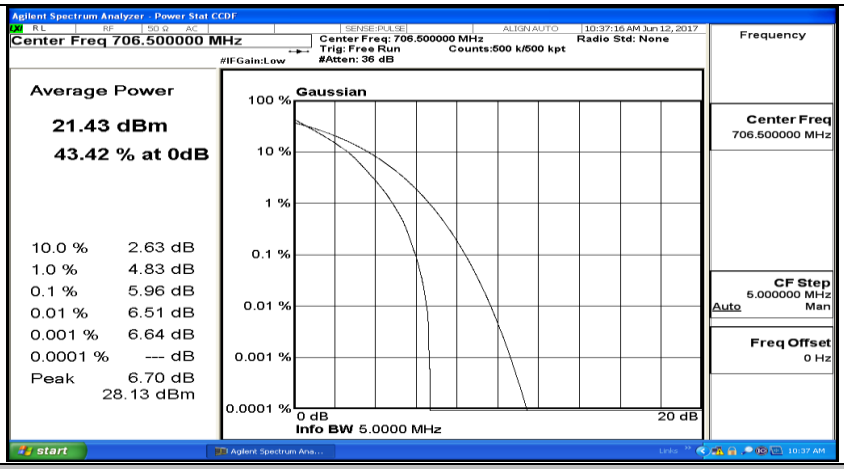
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



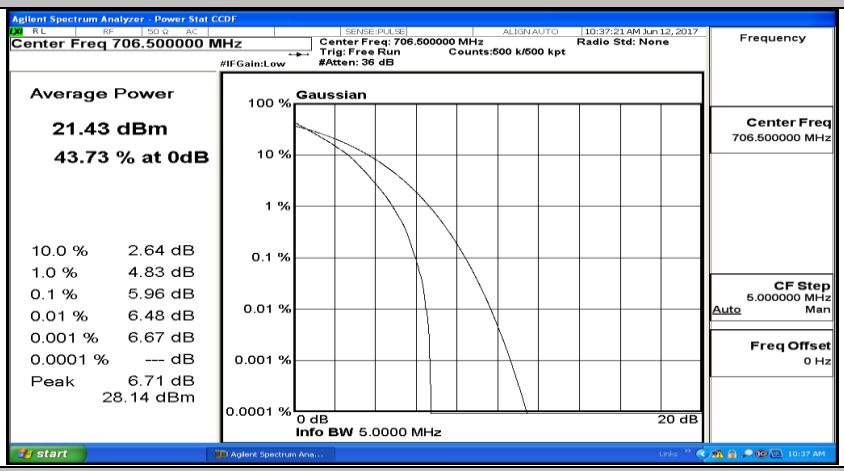
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



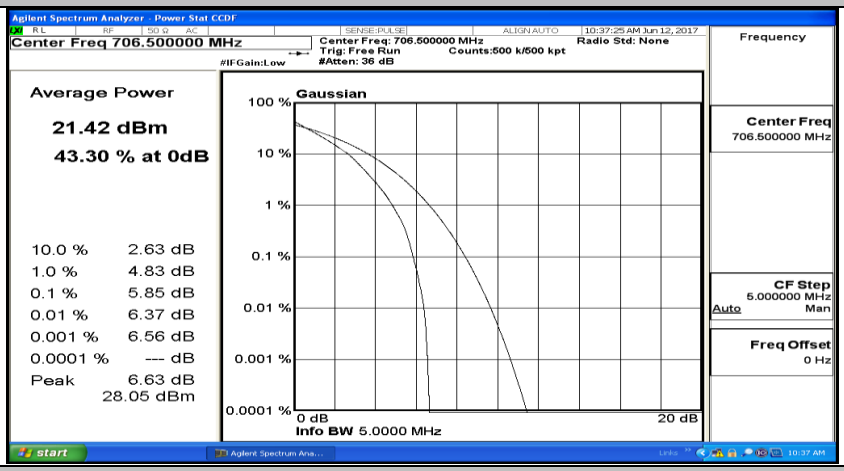
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



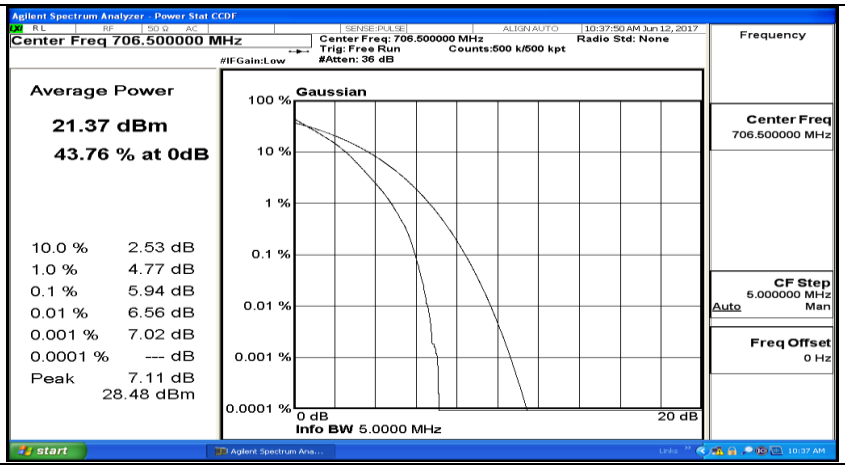
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



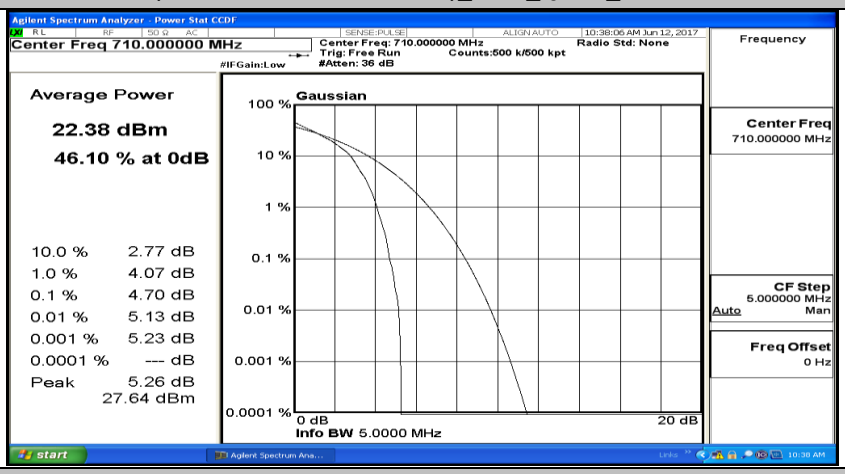
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



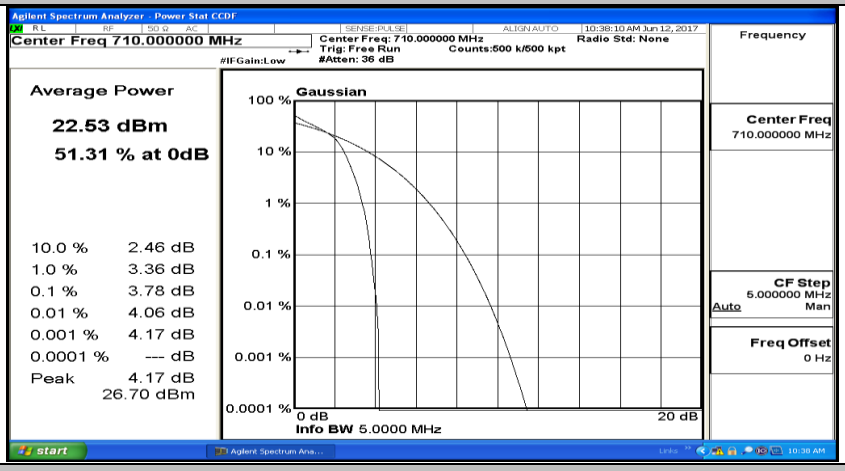
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



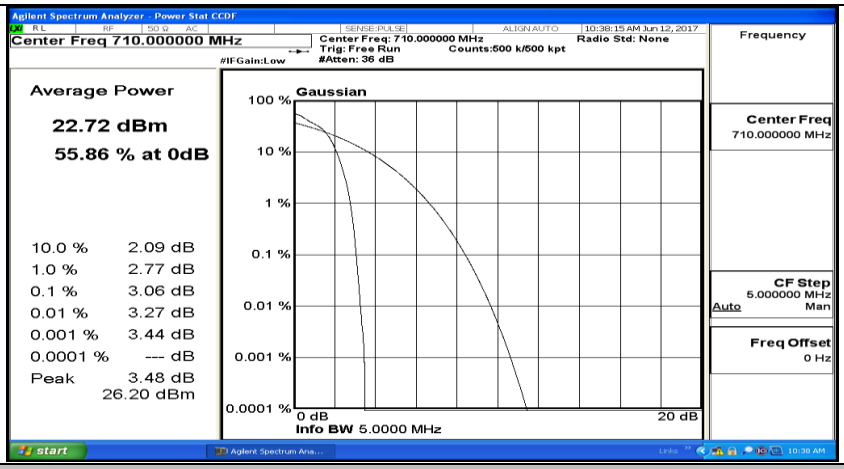
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



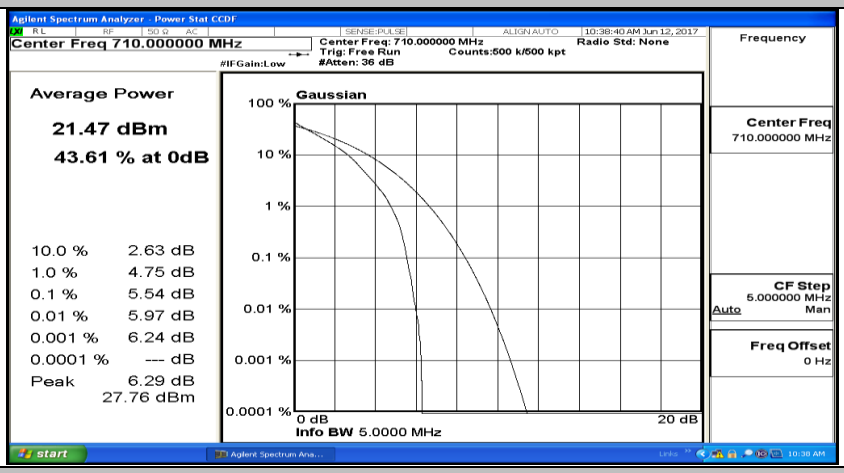
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



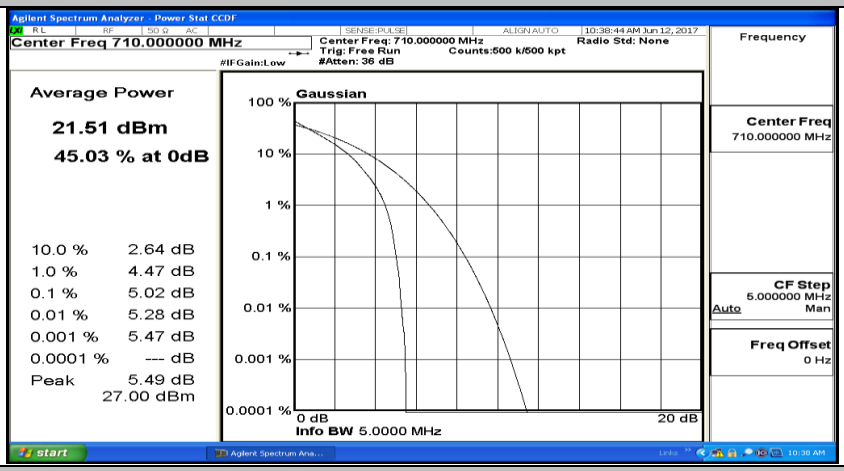
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



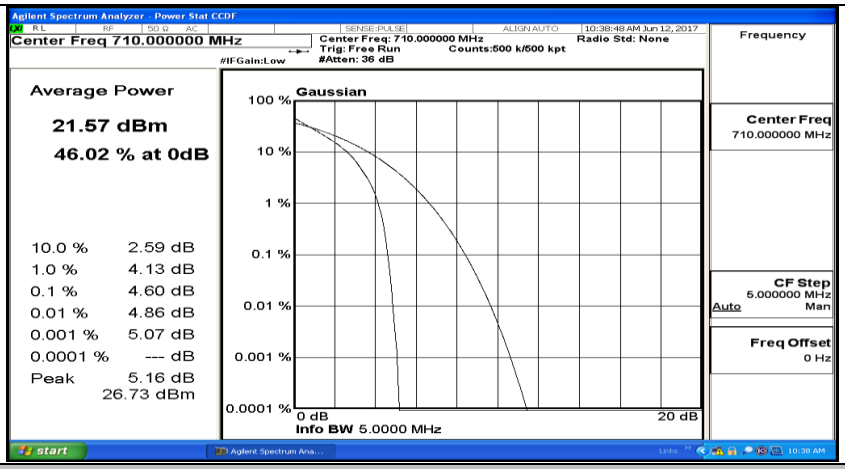
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



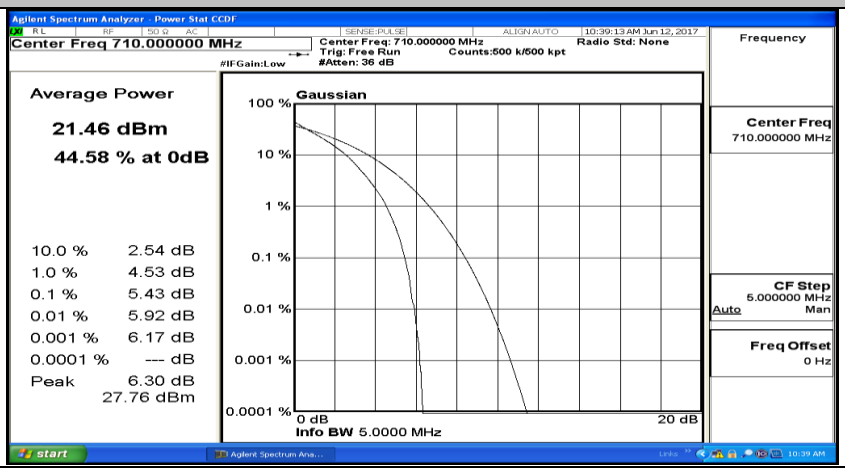
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



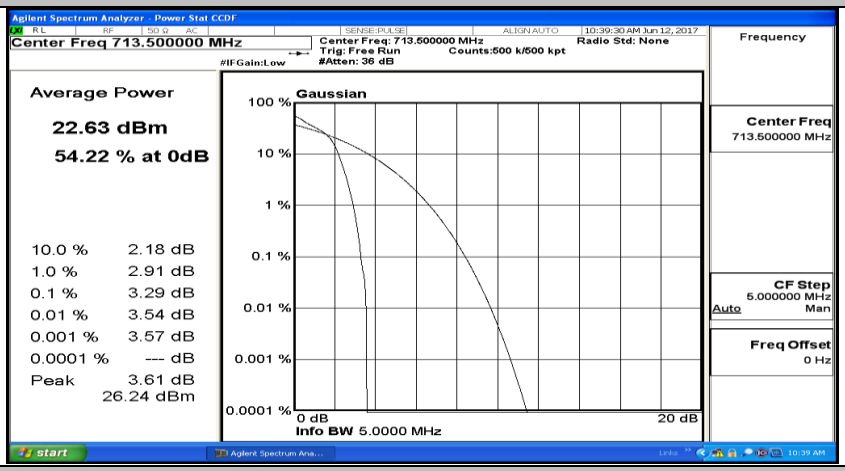
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



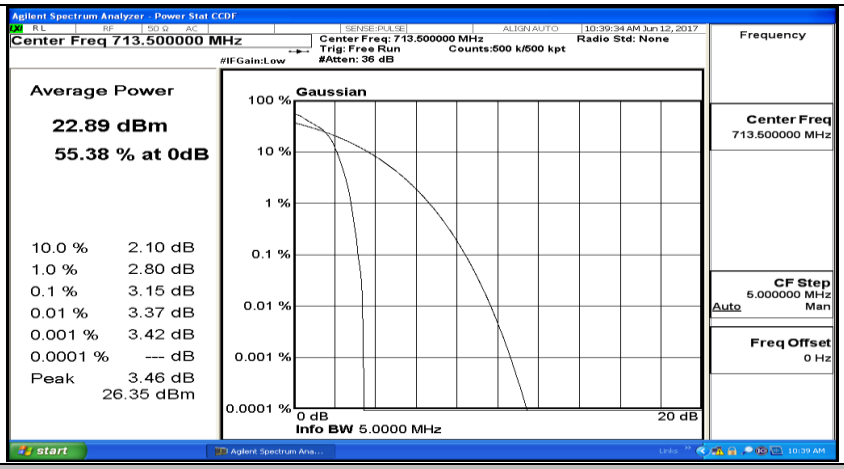
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



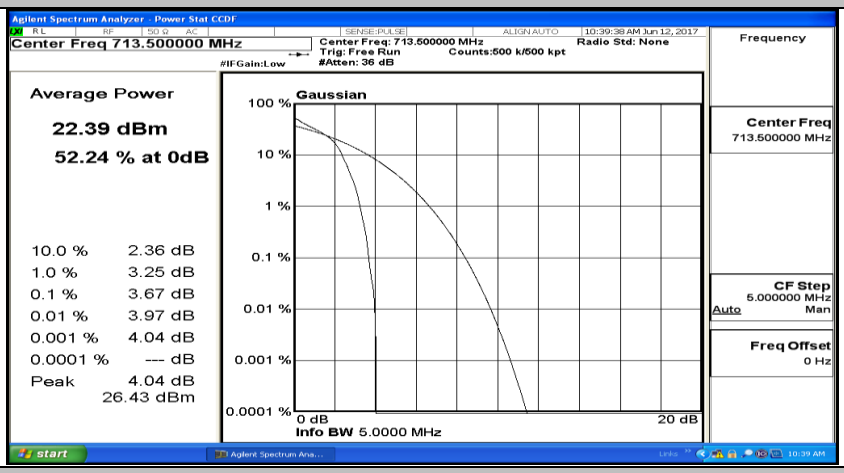
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



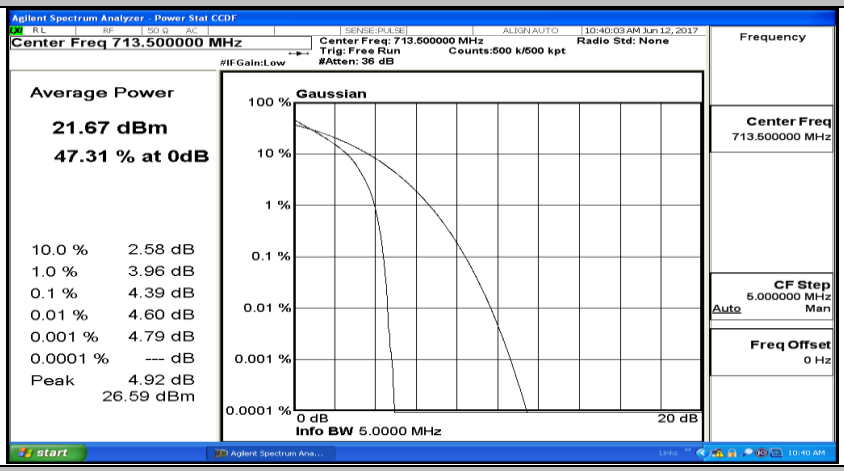
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



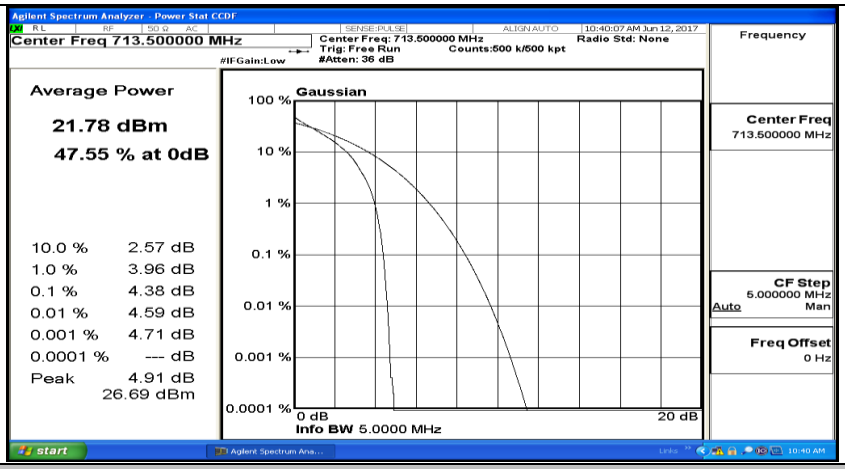
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



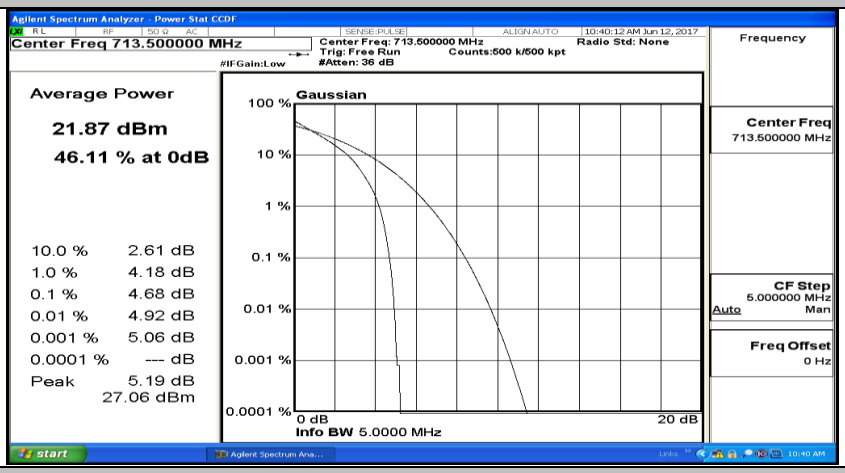
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



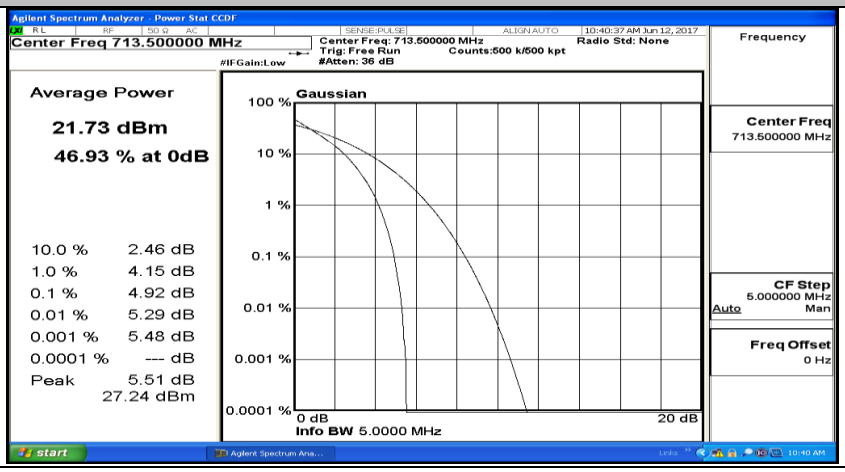
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



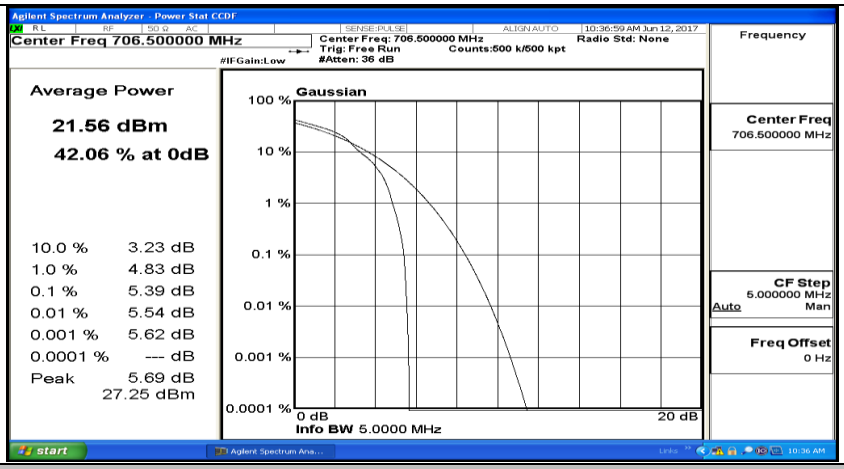
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



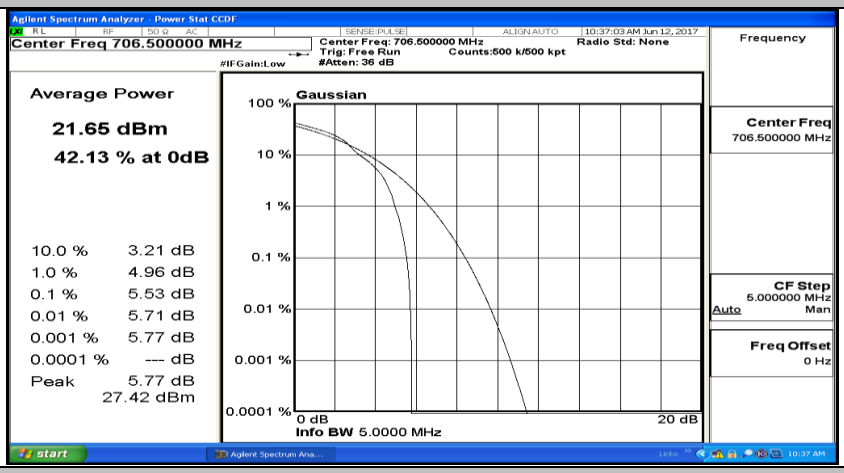
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



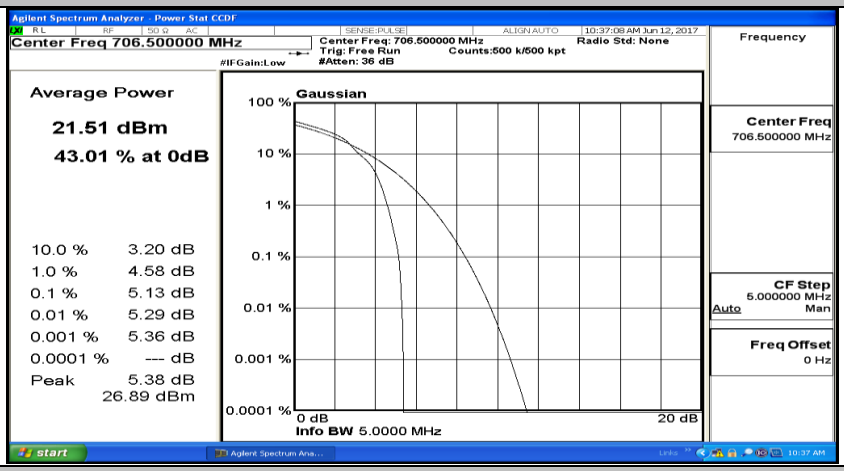
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



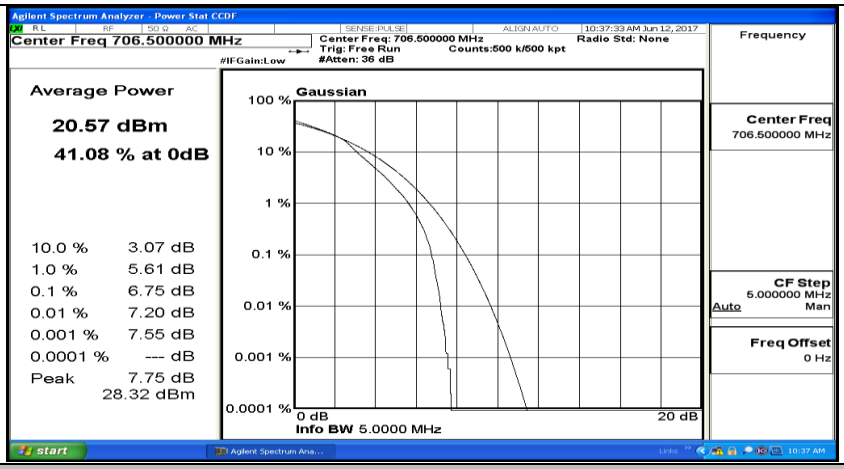
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



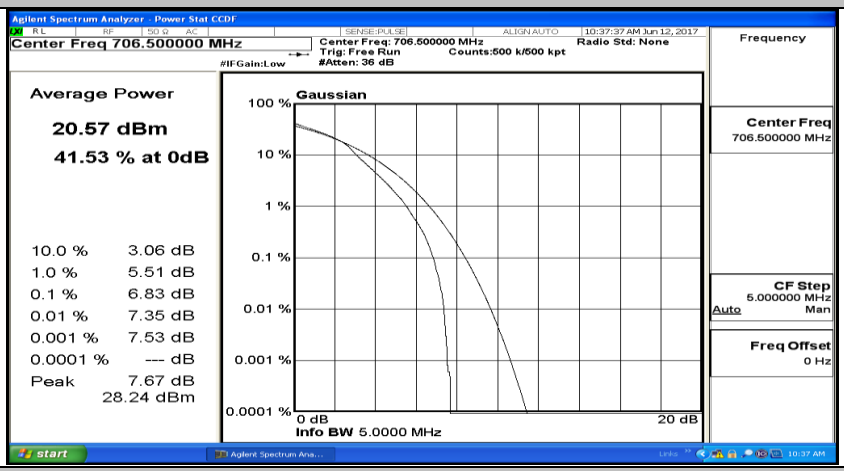
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



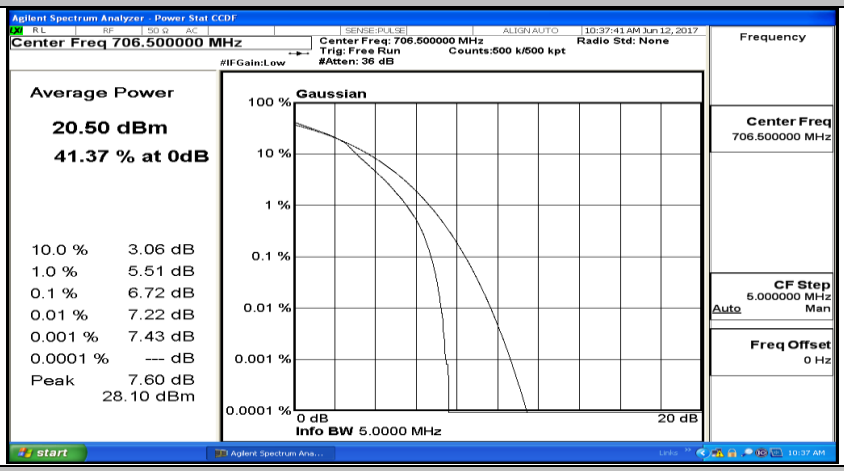
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



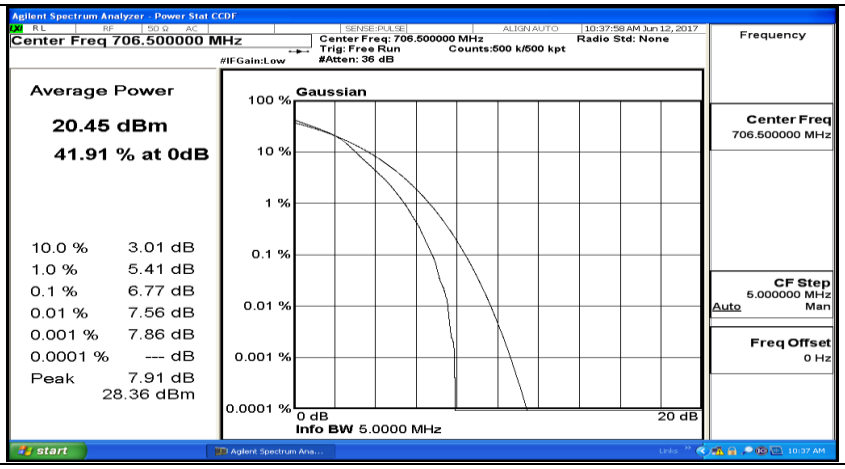
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



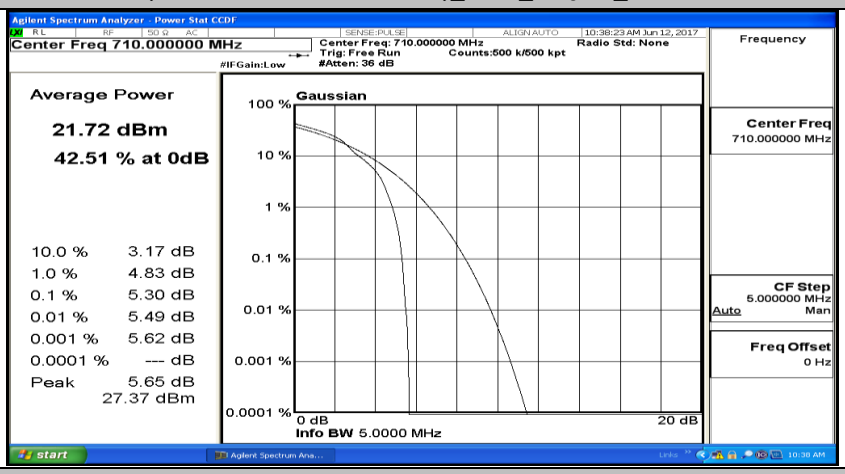
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



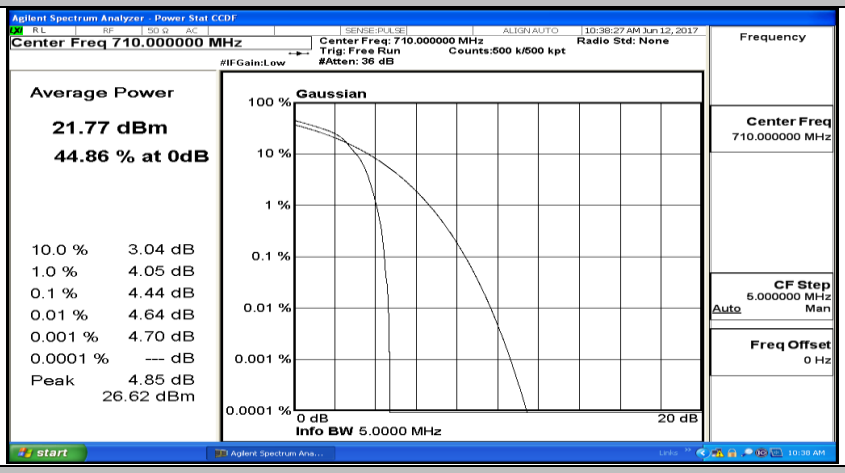
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



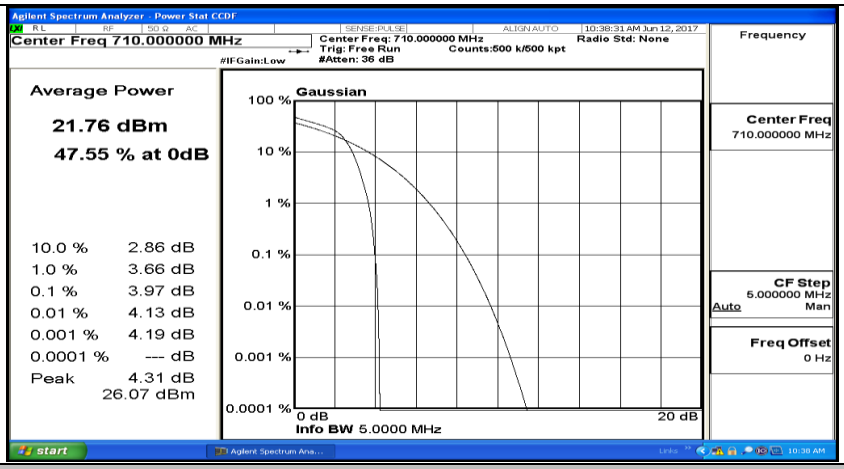
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



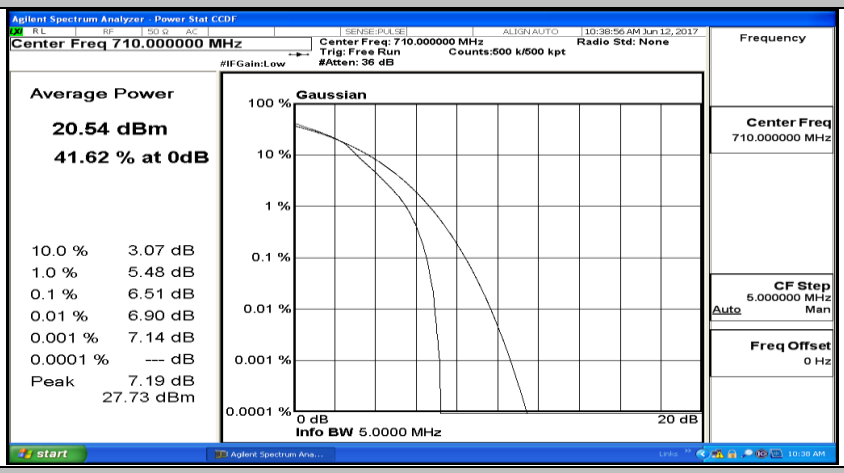
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



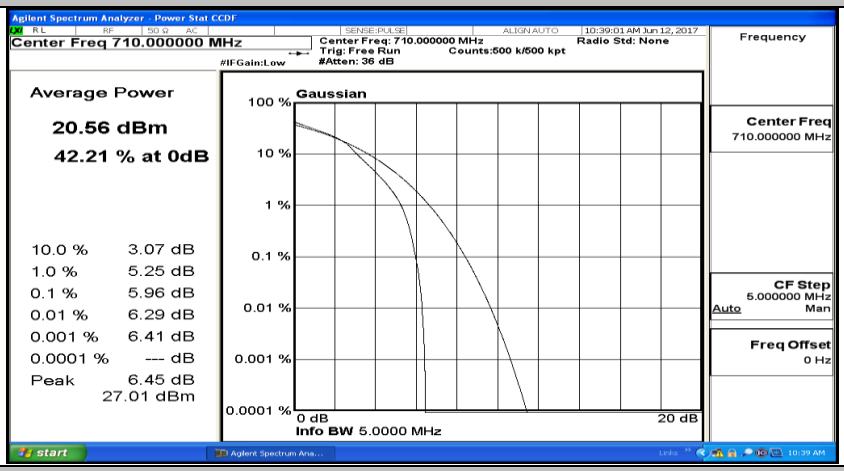
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



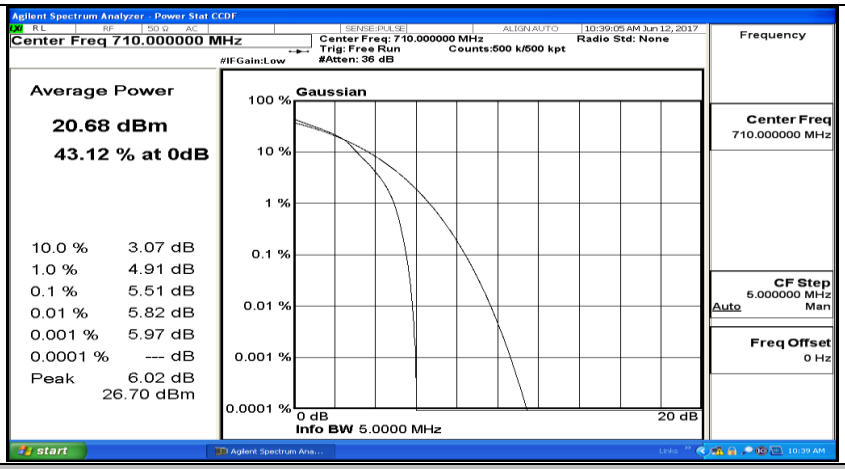
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



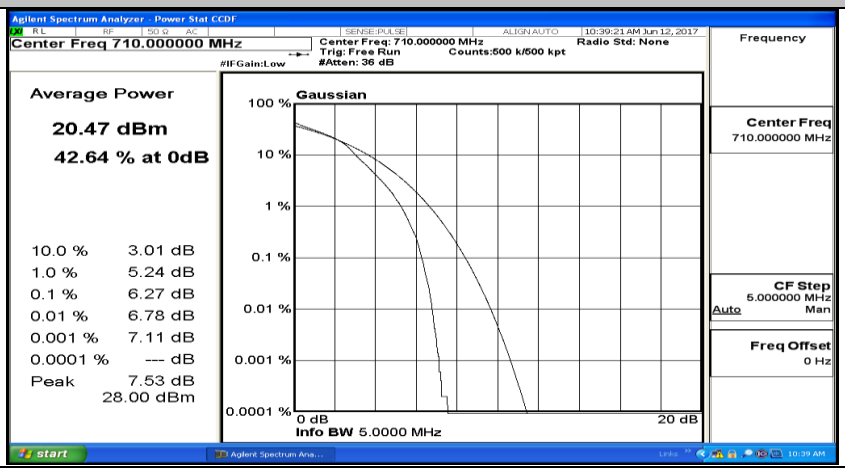
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



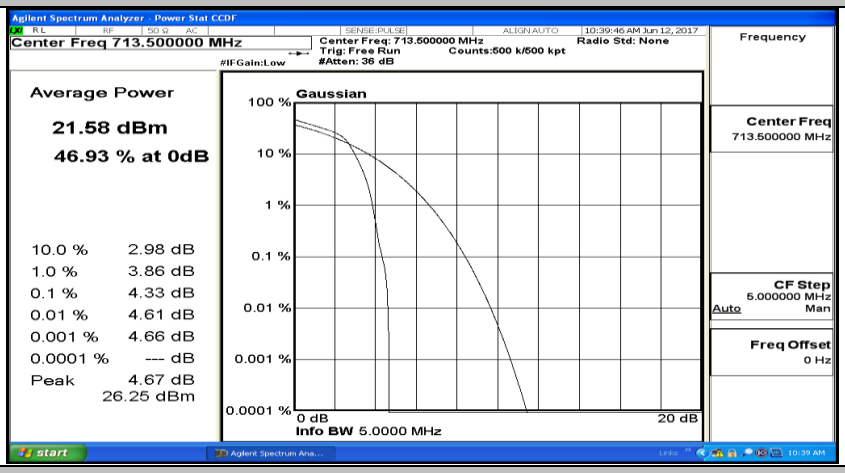
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



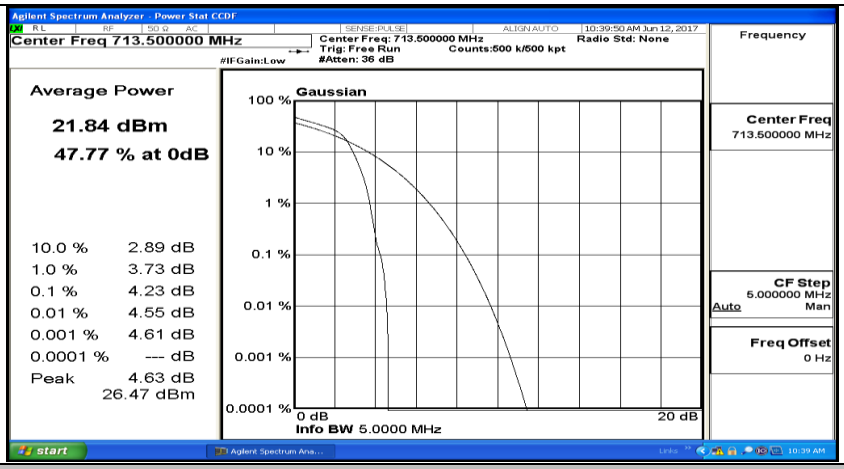
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



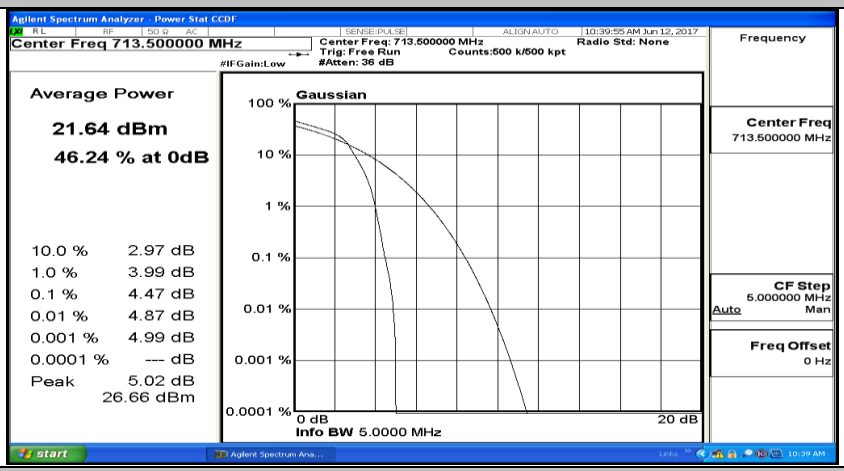
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



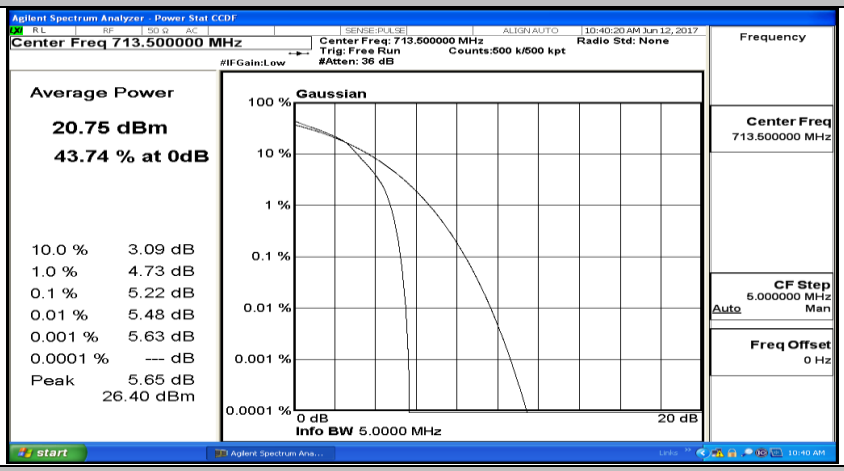
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



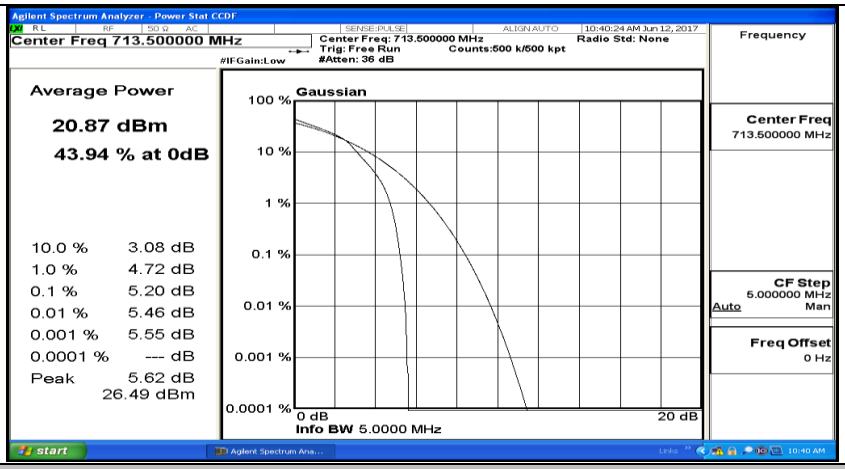
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



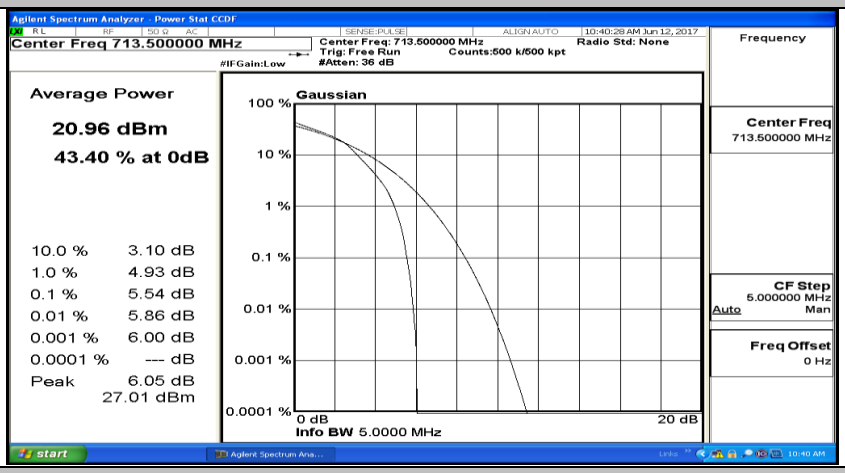
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



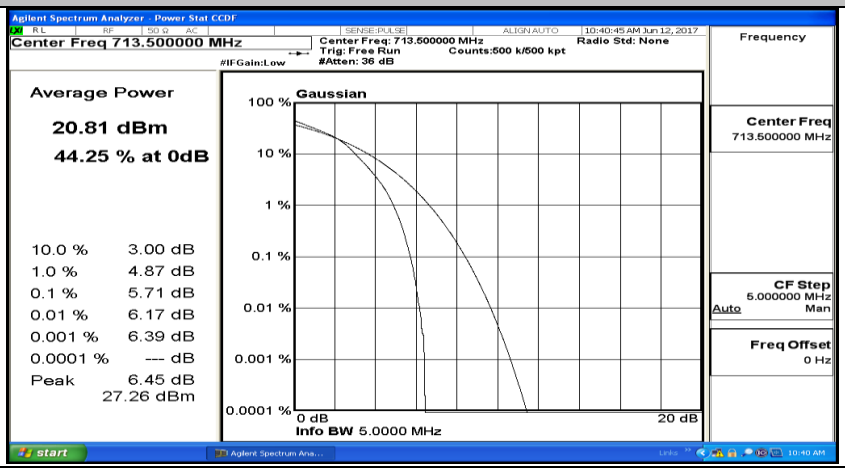
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

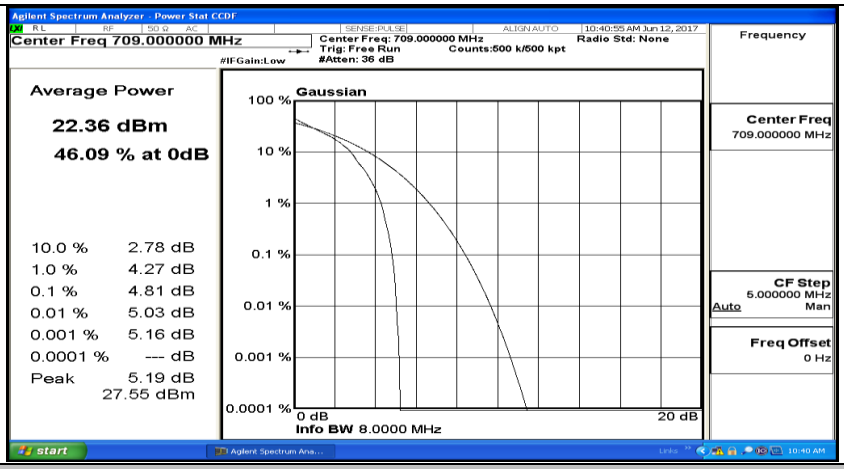


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

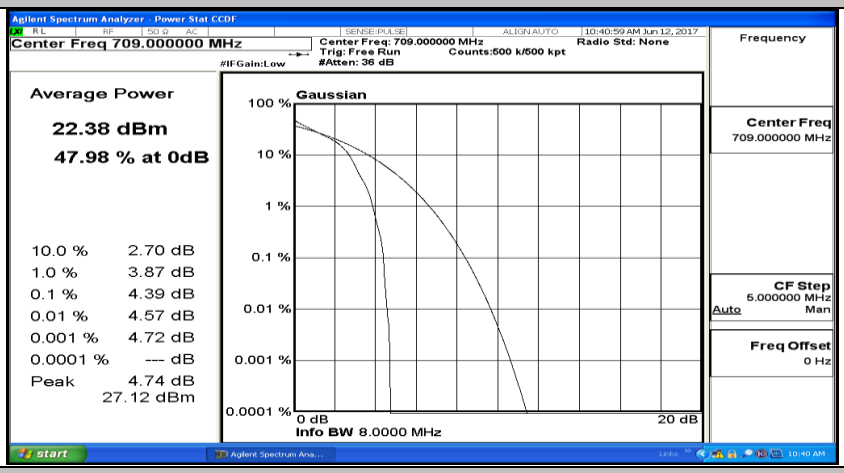


Channel Bandwidth: 10 MHz

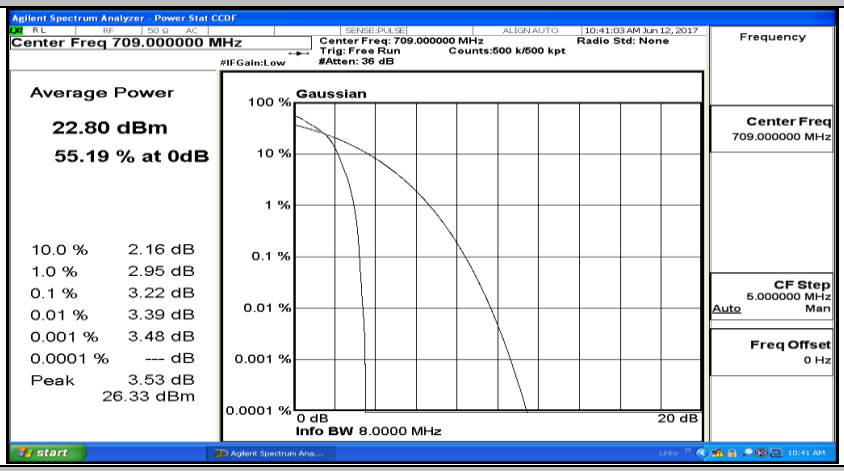
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



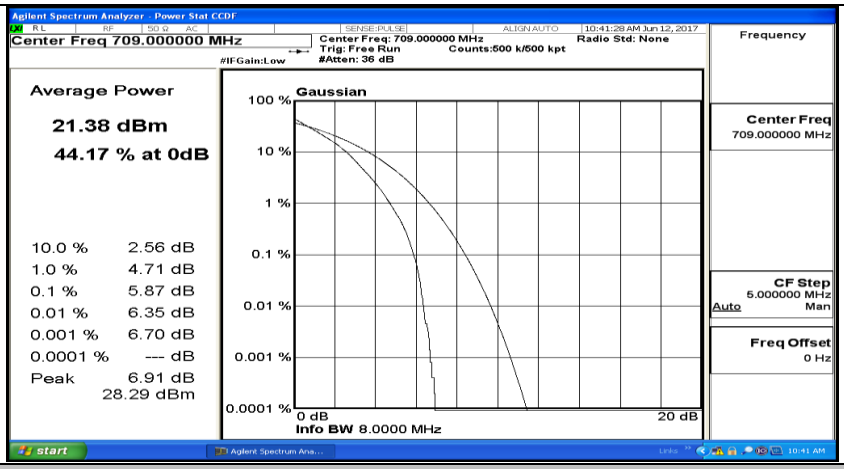
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



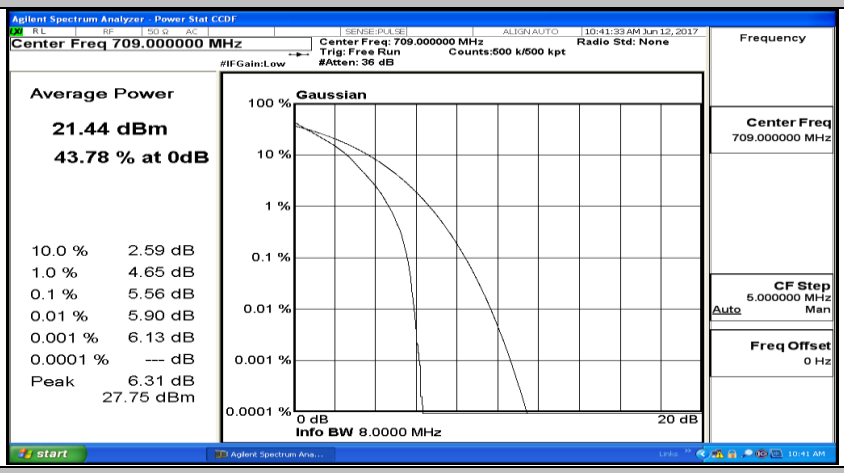
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



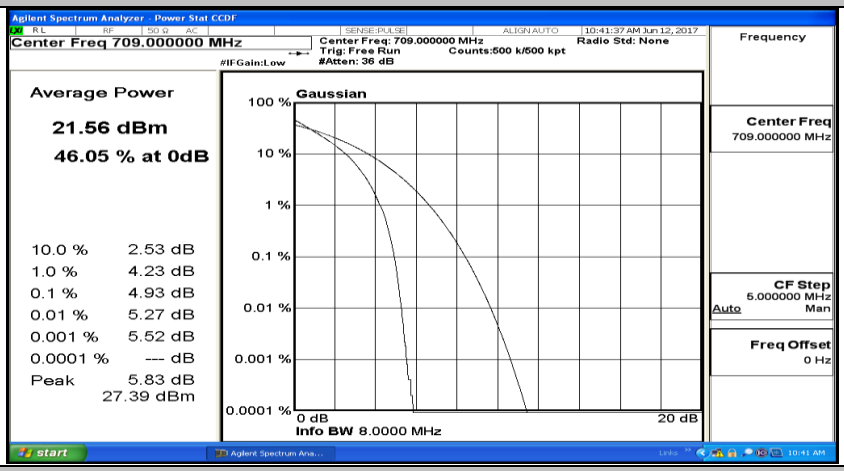
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



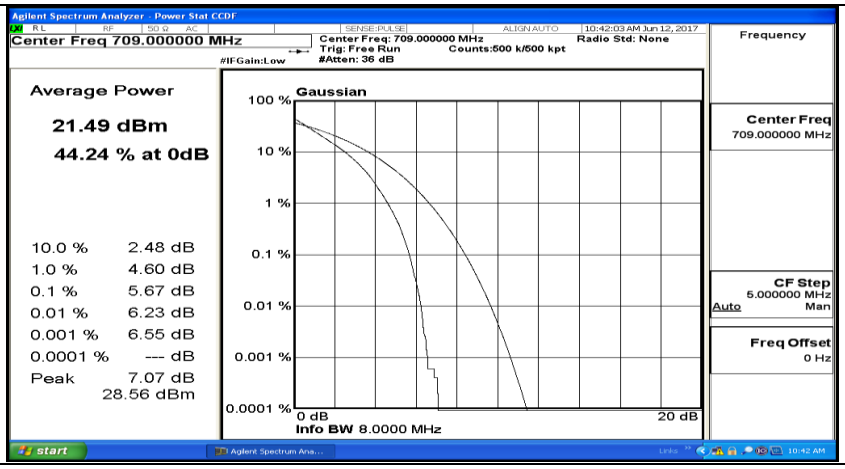
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



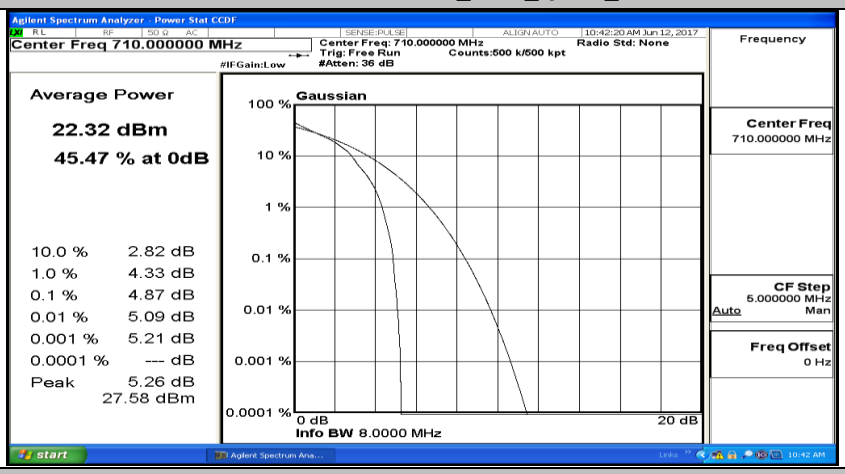
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



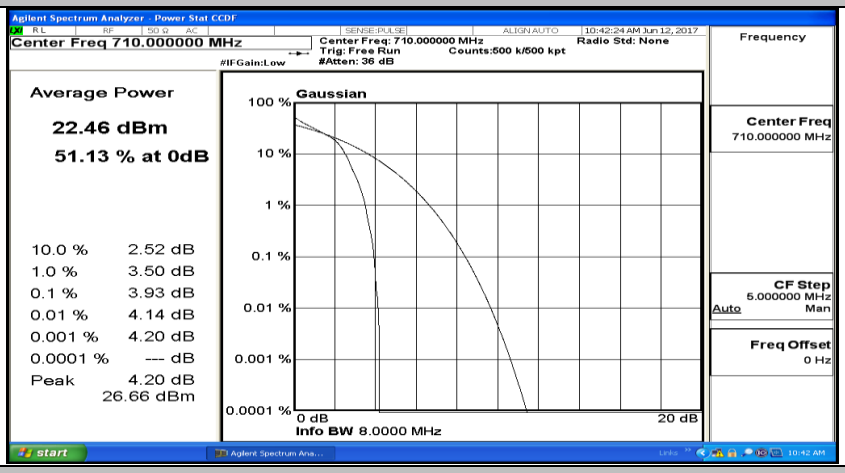
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



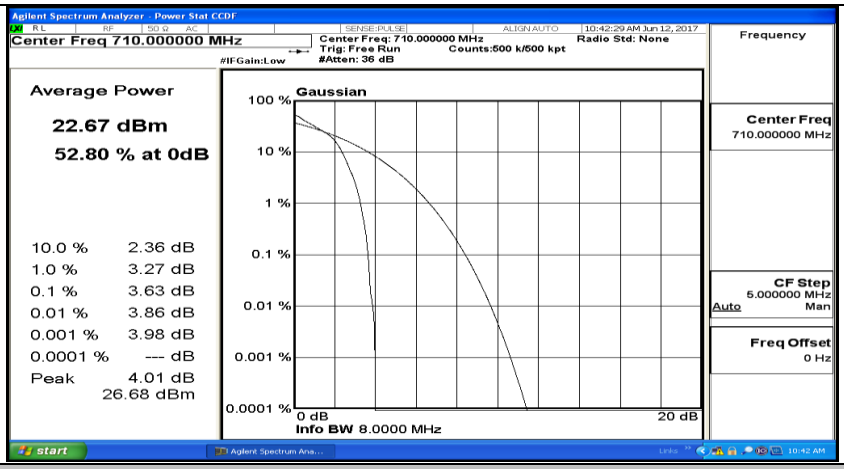
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



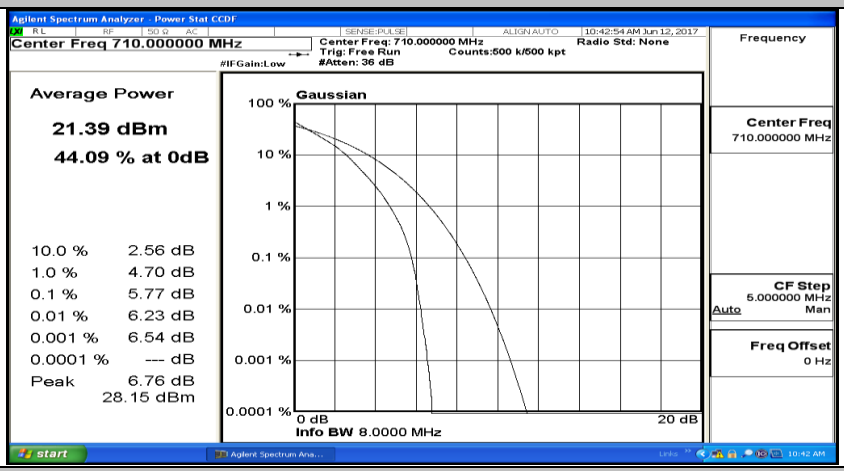
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



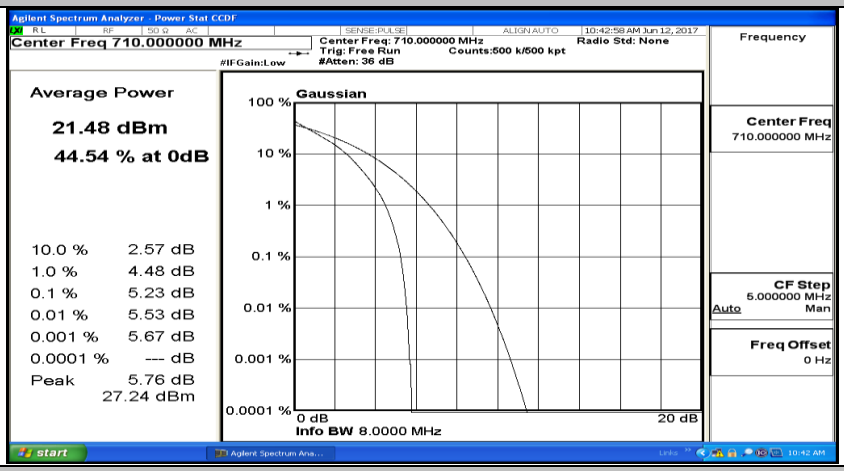
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



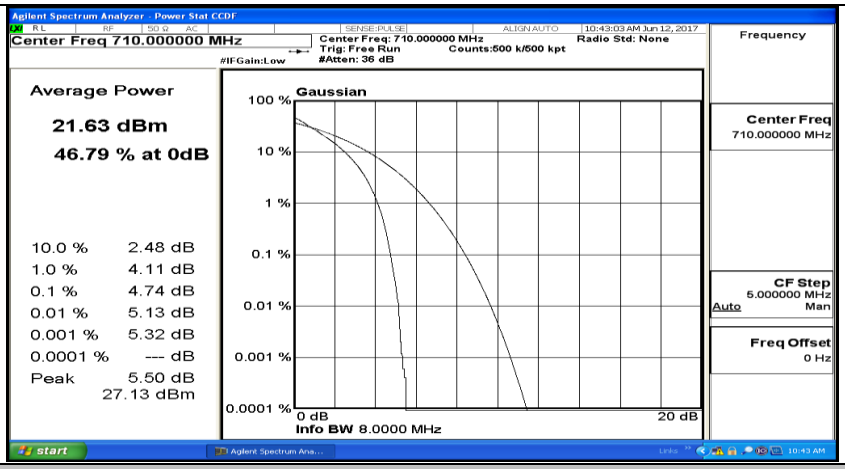
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



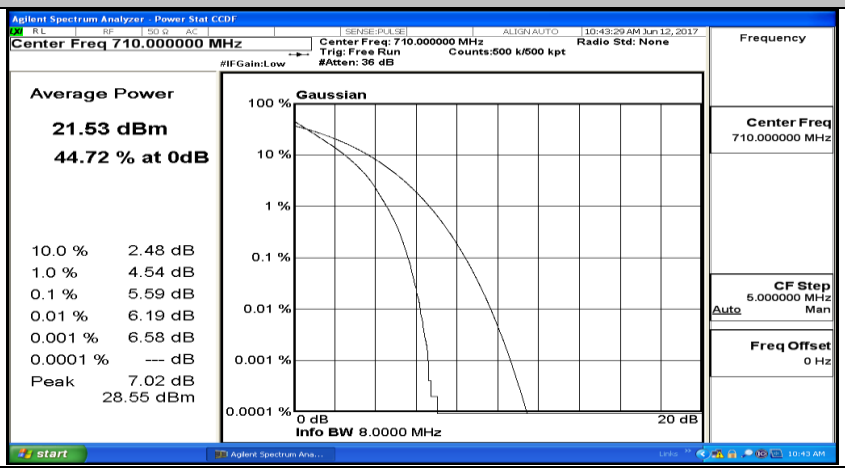
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



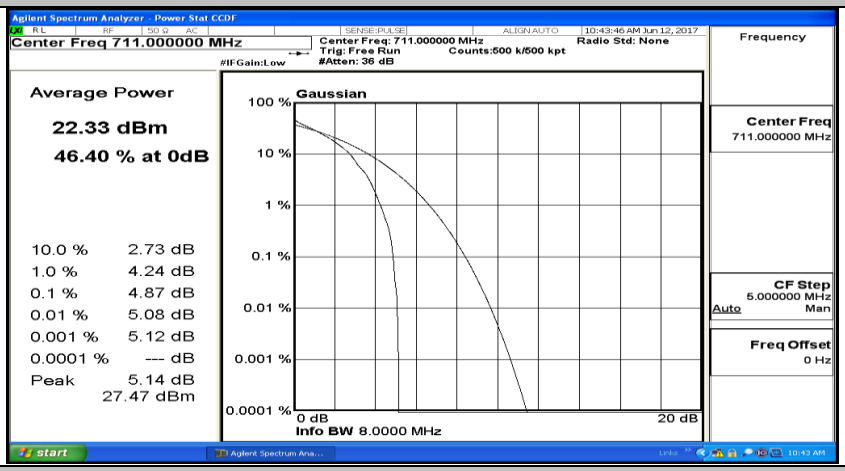
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



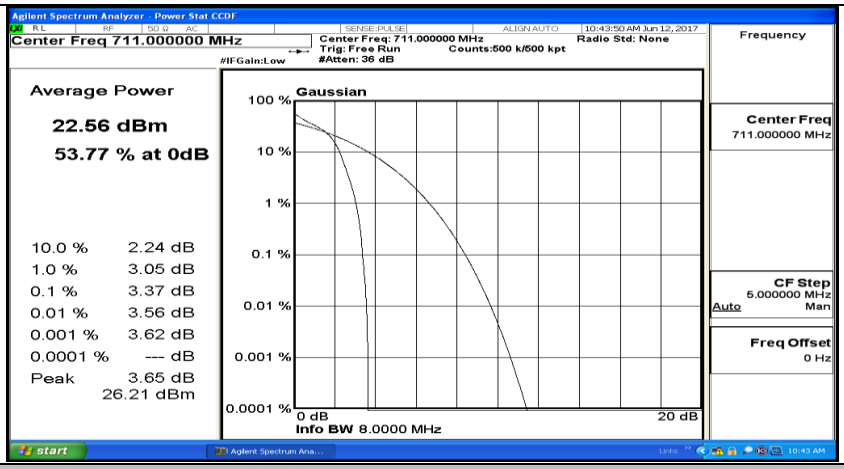
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



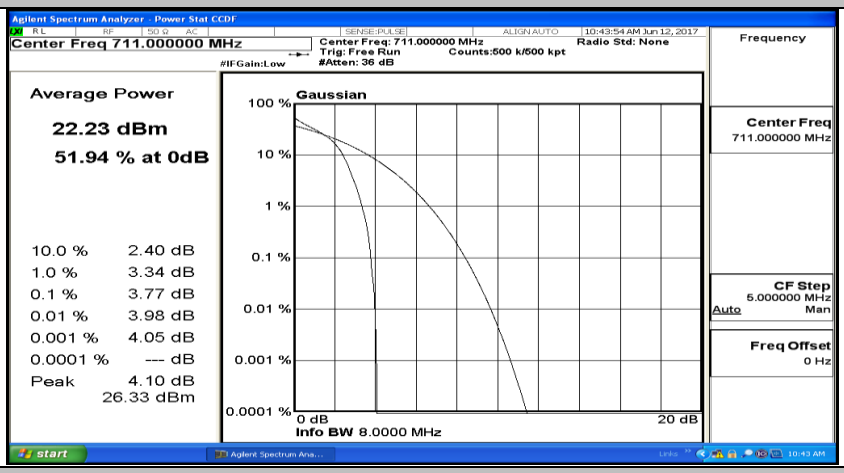
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



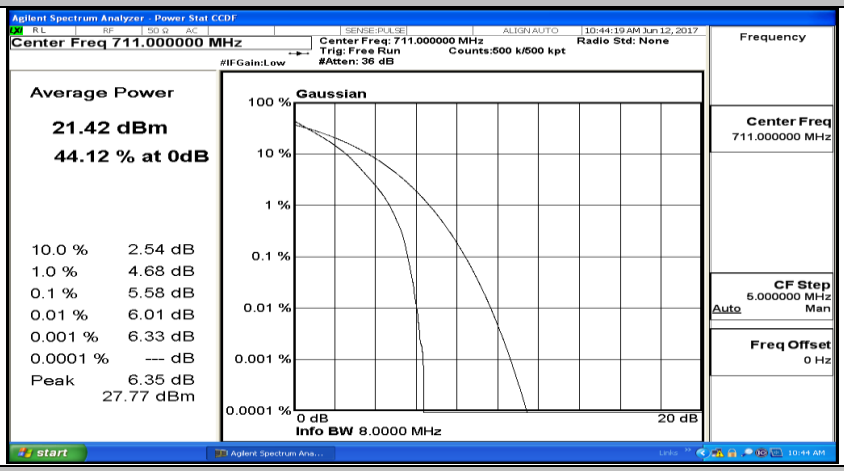
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



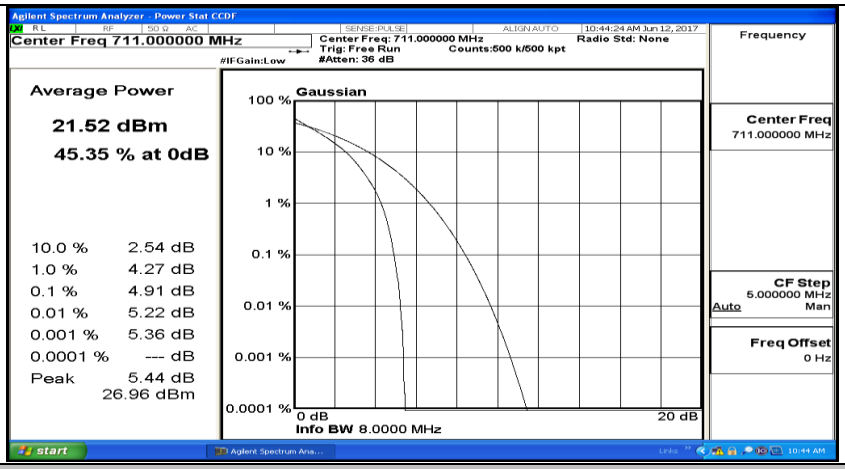
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



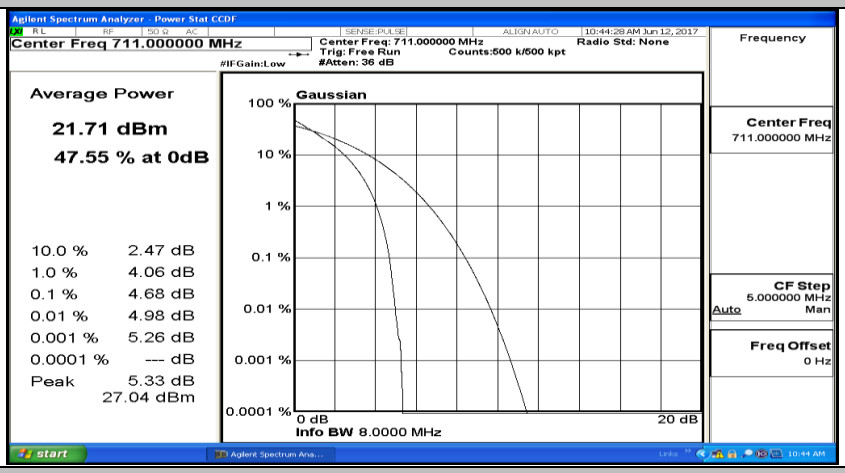
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



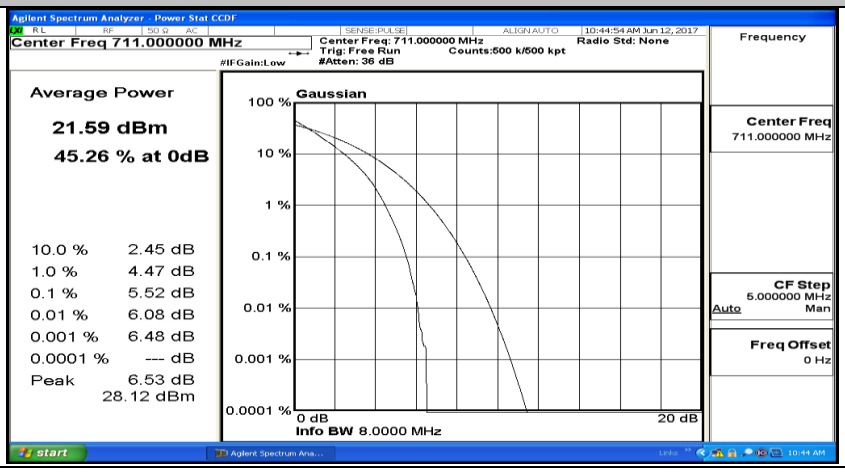
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



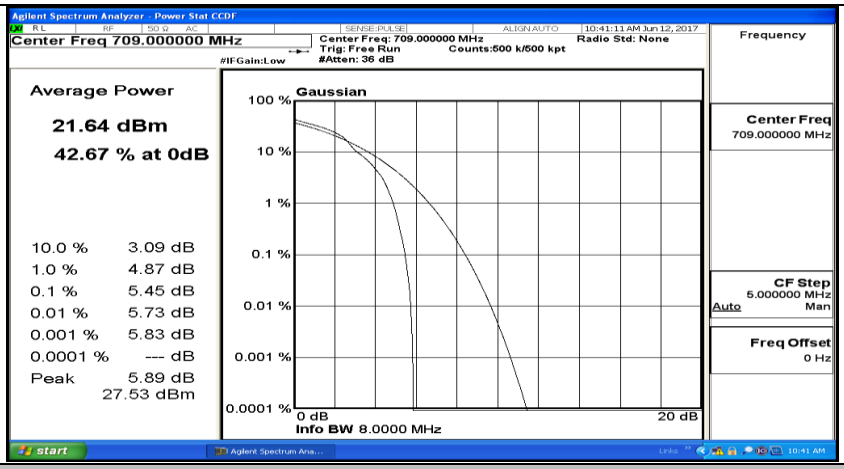
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



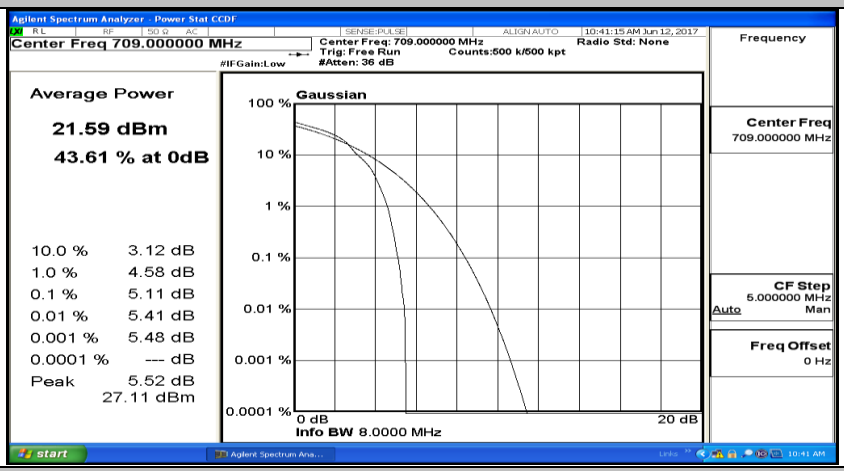
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



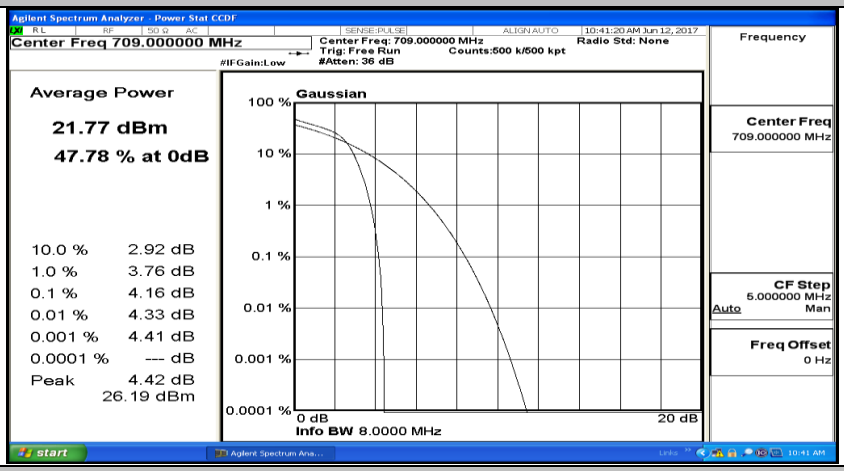
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



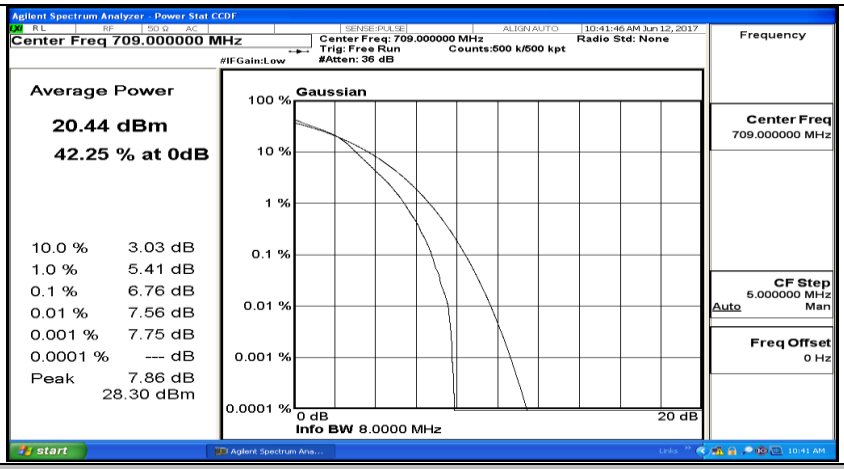
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



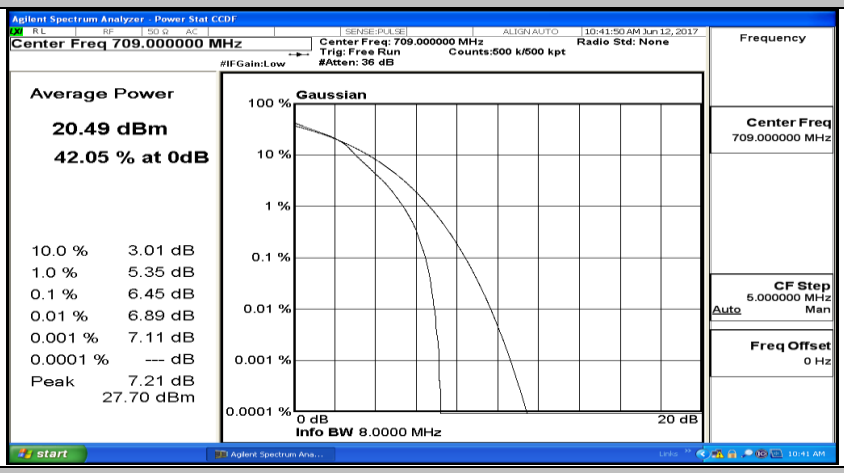
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



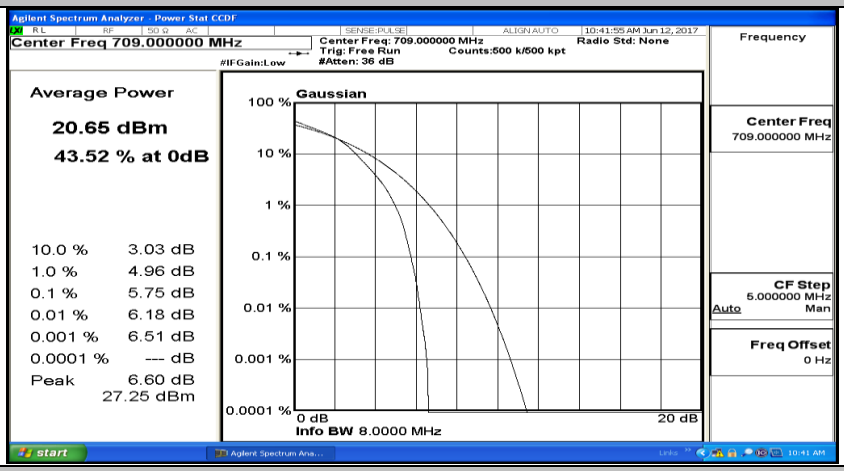
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



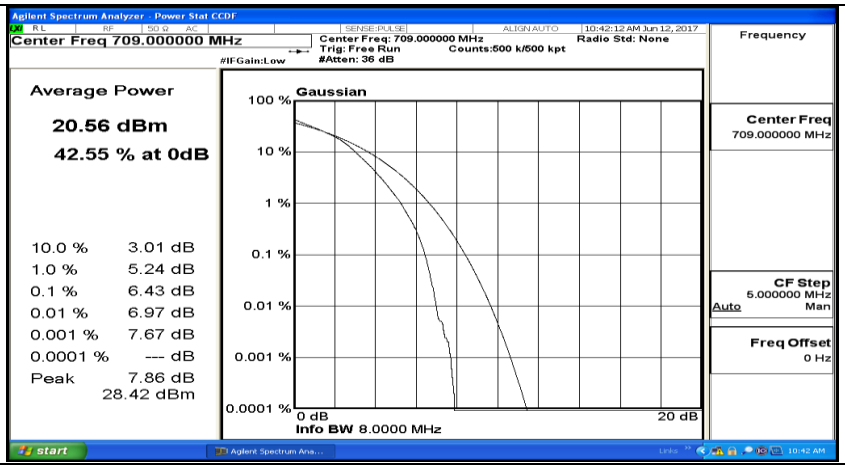
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



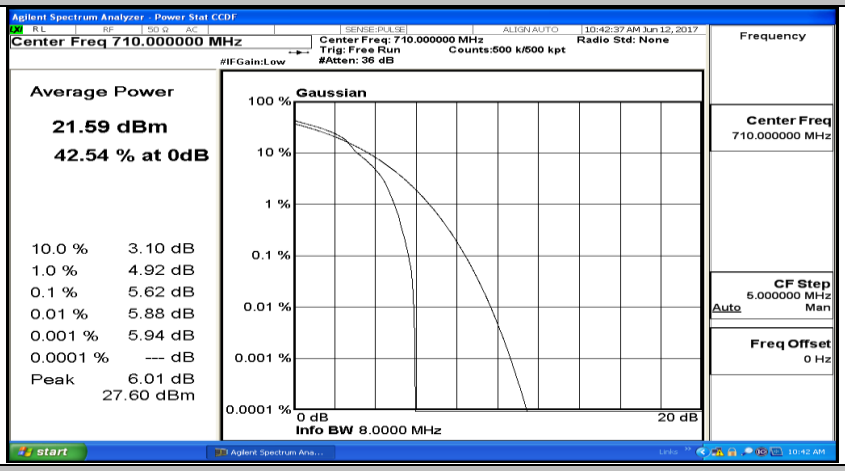
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



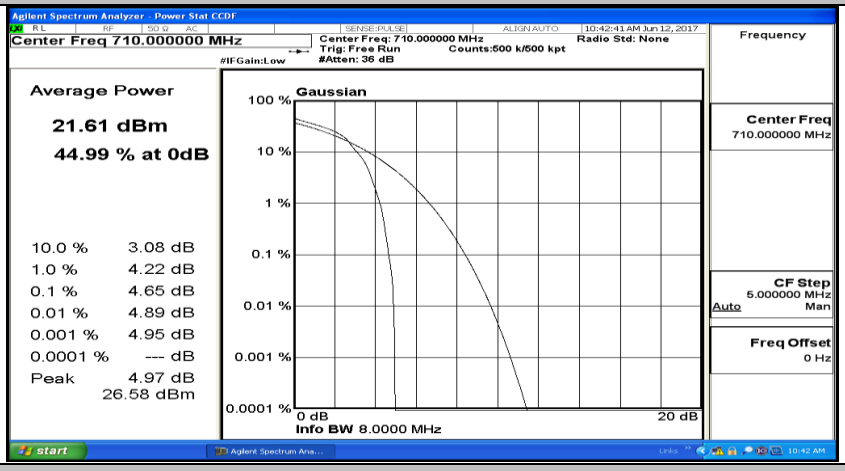
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



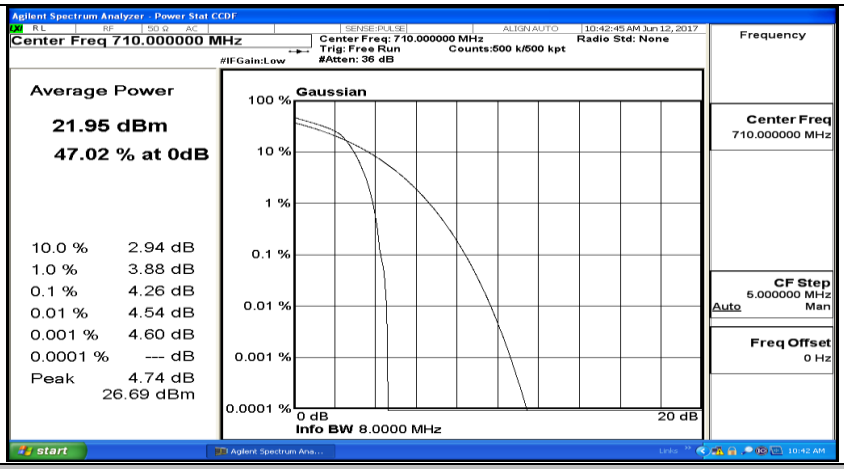
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



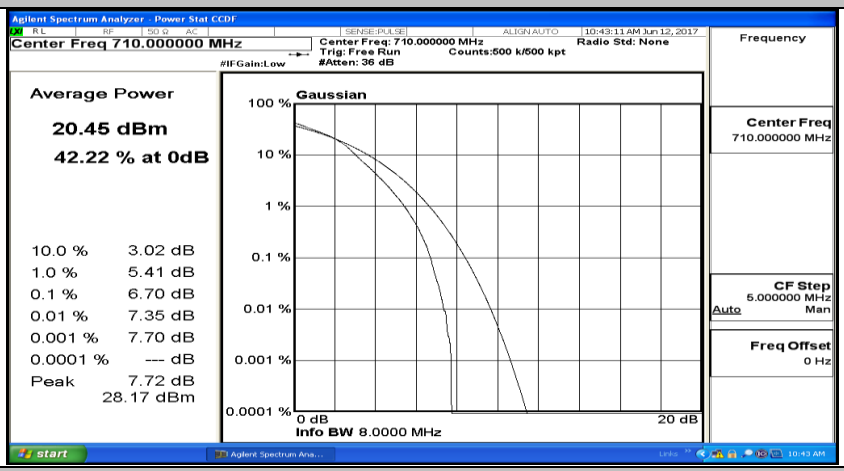
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



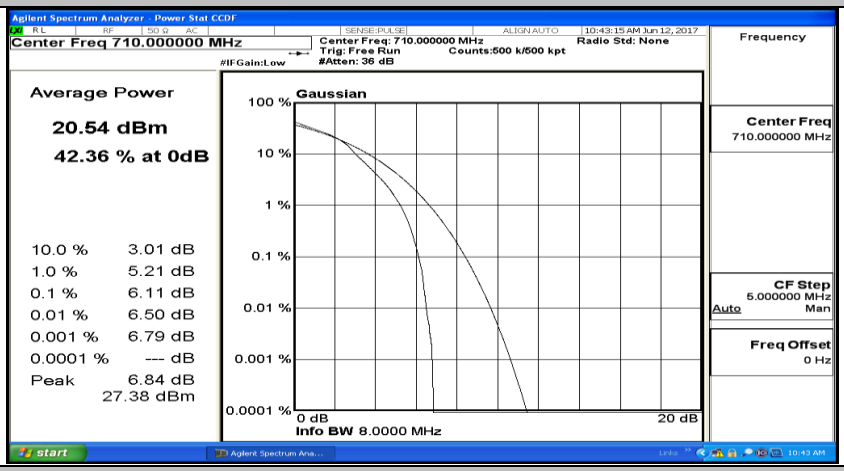
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



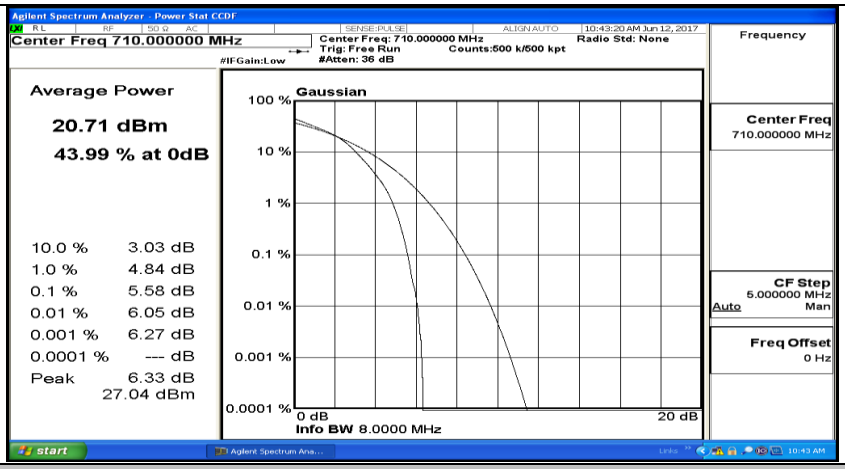
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



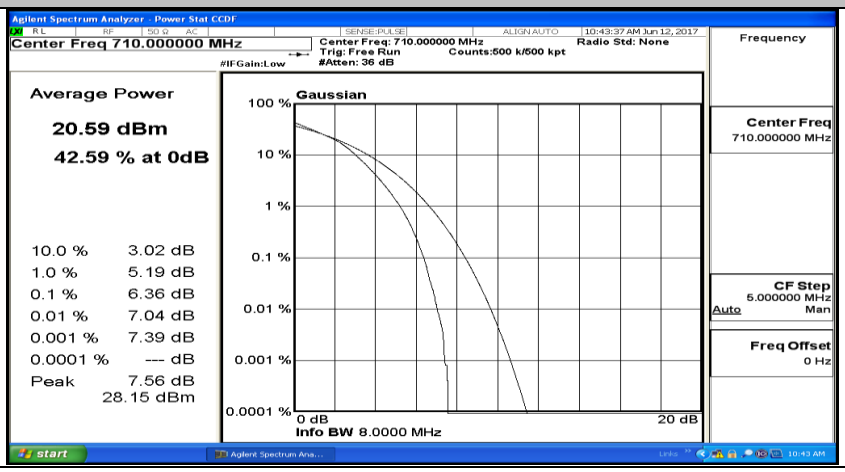
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



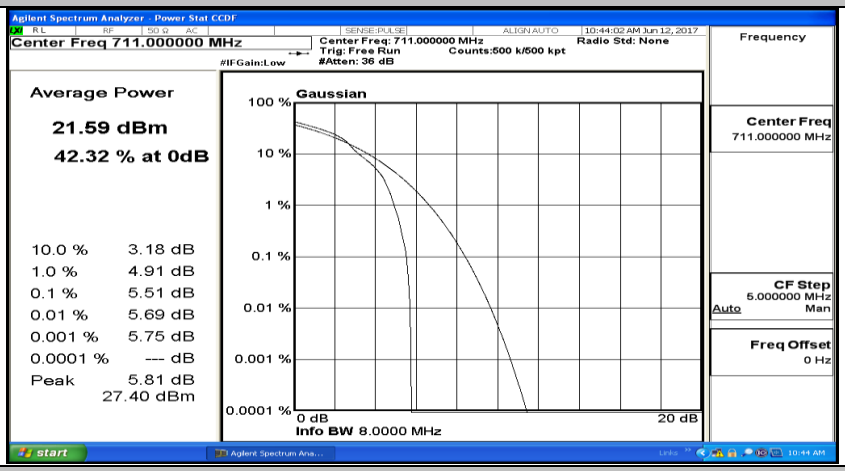
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



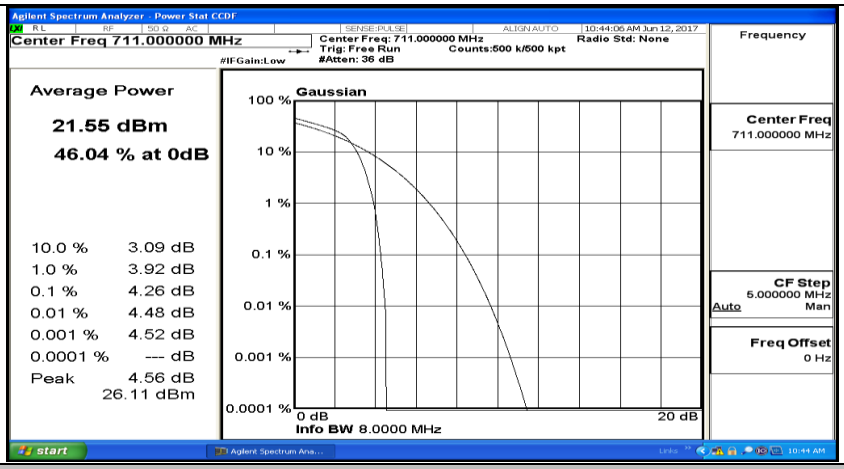
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



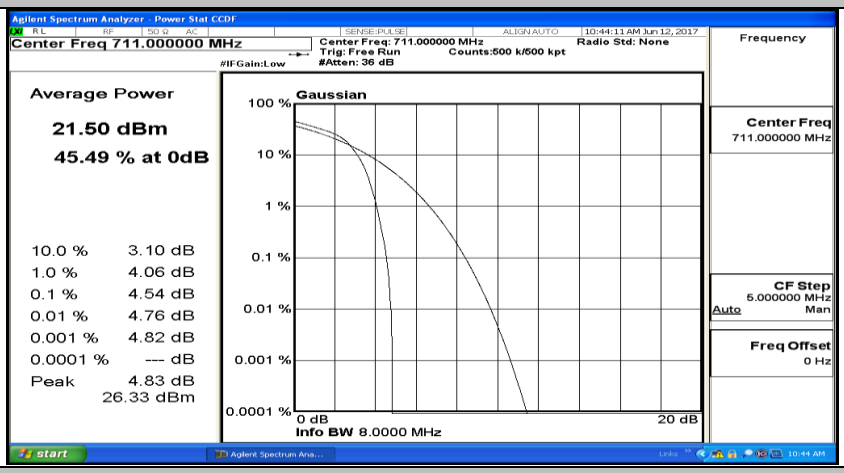
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



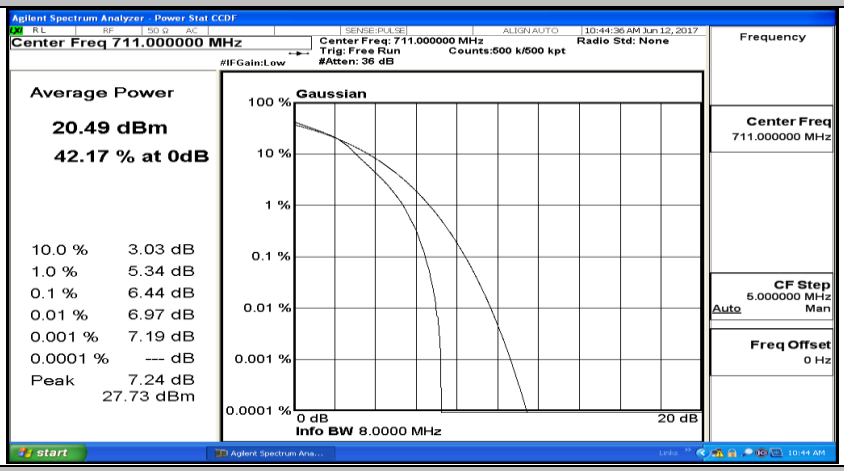
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



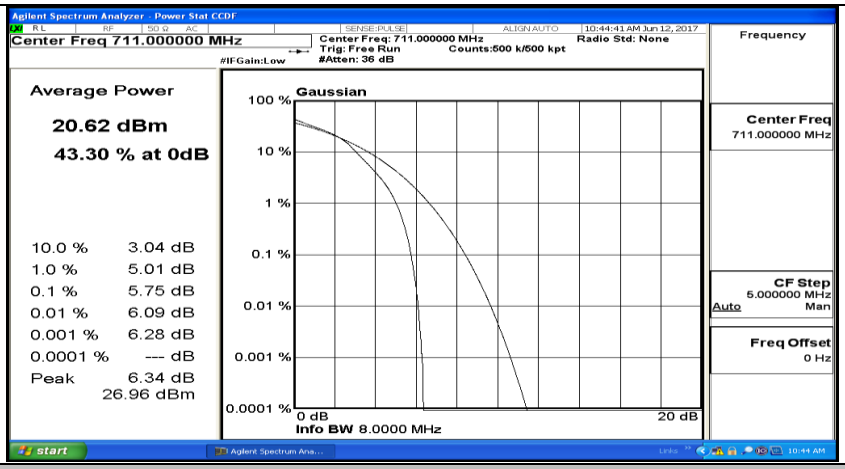
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



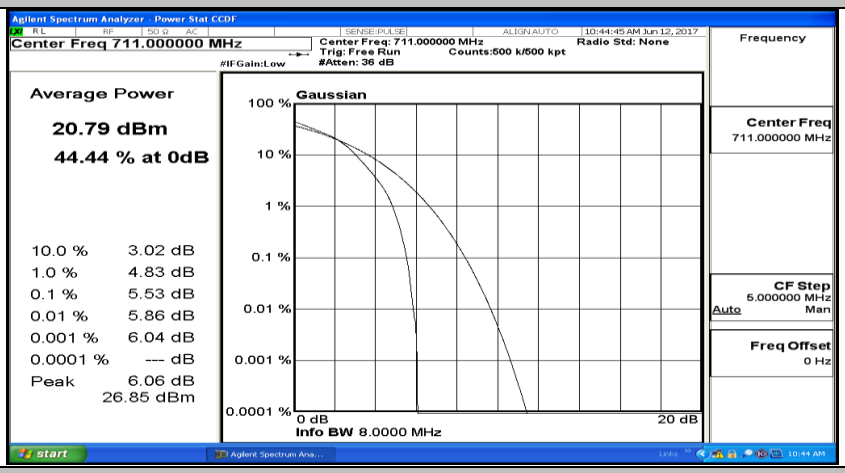
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0