

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	2.89	<13	PASS
		1	12	3.09	<13	PASS
		1	24	3.26	<13	PASS
		12	0	4.24	<13	PASS
		12	6	4.26	<13	PASS
		12	13	4.45	<13	PASS
		25	0	4.86	<13	PASS
	MCH	1	0	3.59	<13	PASS
		1	12	3.59	<13	PASS
		1	24	3.73	<13	PASS
		12	0	4.8	<13	PASS
		12	6	4.75	<13	PASS
		12	13	4.9	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	4.12	<13	PASS
		1	12	4.2	<13	PASS
		1	24	4.31	<13	PASS
		12	0	5.14	<13	PASS
		12	6	5.1	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.44	<13	PASS
16QAM	LCH	1	0	3.64	<13	PASS
		1	12	3.88	<13	PASS
		1	24	4	<13	PASS
		12	0	5.08	<13	PASS
		12	6	5.13	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.59	<13	PASS
	MCH	1	0	4.27	<13	PASS

		1	12	4.22	<13	PASS
		1	24	4.49	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.62	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.9	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.8	<13	PASS
		12	0	5.92	<13	PASS
		12	6	5.96	<13	PASS
		12	13	6.02	<13	PASS
		25	0	6.02	<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	2.92	<13	PASS
		1	24	3.25	<13	PASS
		1	49	3.74	<13	PASS
		25	0	4.66	<13	PASS
		25	12	4.64	<13	PASS
		25	25	4.9	<13	PASS
		50	0	5.14	<13	PASS
	MCH	1	0	3.38	<13	PASS
		1	24	3.54	<13	PASS
		1	49	3.72	<13	PASS
		25	0	4.96	<13	PASS
		25	12	4.94	<13	PASS
		25	25	5.07	<13	PASS
		50	0	5.33	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	24	3.97	<13	PASS
		1	49	4.1	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.15	<13	PASS
		25	25	5.25	<13	PASS
		50	0	5.41	<13	PASS
16QAM	LCH	1	0	3.7	<13	PASS
		1	24	4.04	<13	PASS

		1	49	4.41	<13	PASS
		25	0	5.46	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.72	<13	PASS
		50	0	5.8	<13	PASS
	MCH	1	0	4.33	<13	PASS
		1	24	4.4	<13	PASS
		1	49	4.62	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.81	<13	PASS
		25	25	5.99	<13	PASS
		50	0	5.99	<13	PASS
	HCH	1	0	5	<13	PASS
		1	24	4.89	<13	PASS
		1	49	4.99	<13	PASS
		25	0	5.89	<13	PASS
		25	12	5.93	<13	PASS
		25	25	6.05	<13	PASS
		50	0	6.09	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.73	<13	PASS
		1	37	3.74	<13	PASS
		1	74	9.8	<13	PASS
		37	0	4.55	<13	PASS
		37	18	5.13	<13	PASS
		37	38	4.73	<13	PASS
		75	0	5.01	<13	PASS
	MCH	1	0	8.55	<13	PASS
		1	37	3.76	<13	PASS
		1	74	9.63	<13	PASS
		37	0	4.44	<13	PASS
		37	18	5.19	<13	PASS
		37	38	4.69	<13	PASS
		75	0	4.94	<13	PASS
	HCH	1	0	8.45	<13	PASS
		1	37	3.95	<13	PASS
		1	74	9.91	<13	PASS

		37	0	4.42	<13	PASS
		37	18	5.15	<13	PASS
		37	38	4.68	<13	PASS
		75	0	4.91	<13	PASS
16QAM	LCH	1	0	8.54	<13	PASS
		1	37	4.42	<13	PASS
		1	74	9.91	<13	PASS
		37	0	5.67	<13	PASS
		37	18	5.86	<13	PASS
		37	38	5.9	<13	PASS
		75	0	6.13	<13	PASS
	MCH	1	0	8.35	<13	PASS
		1	37	4.6	<13	PASS
		1	74	10.13	<13	PASS
		37	0	5.63	<13	PASS
		37	18	5.96	<13	PASS
		37	38	5.87	<13	PASS
		75	0	6.07	<13	PASS
	HCH	1	0	8.84	<13	PASS
		1	37	4.82	<13	PASS
		1	74	9.96	<13	PASS
		37	0	5.62	<13	PASS
		37	18	5.87	<13	PASS
		37	38	5.87	<13	PASS
		75	0	6.06	<13	PASS

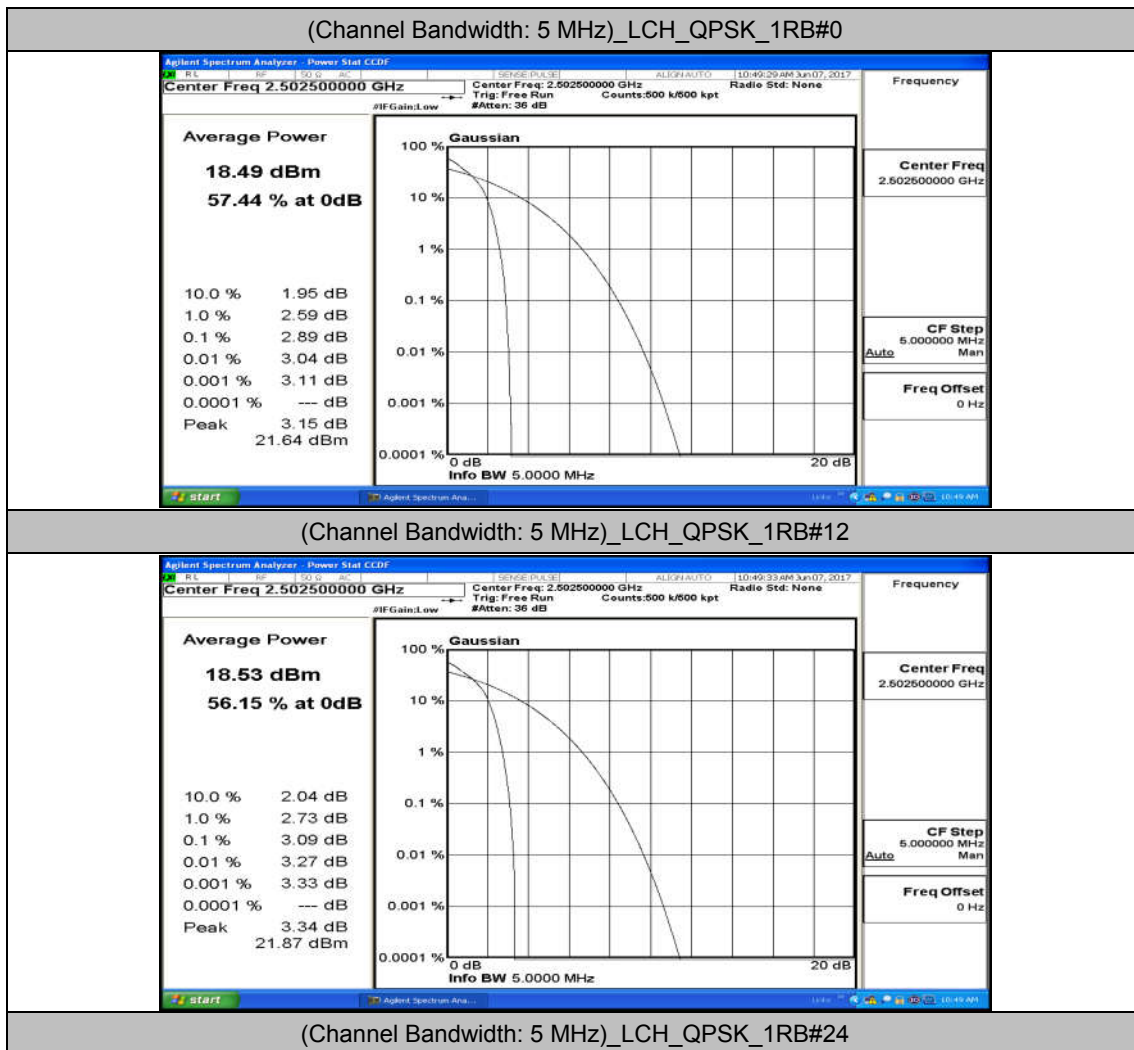
Channel Bandwidth: 20 MHz

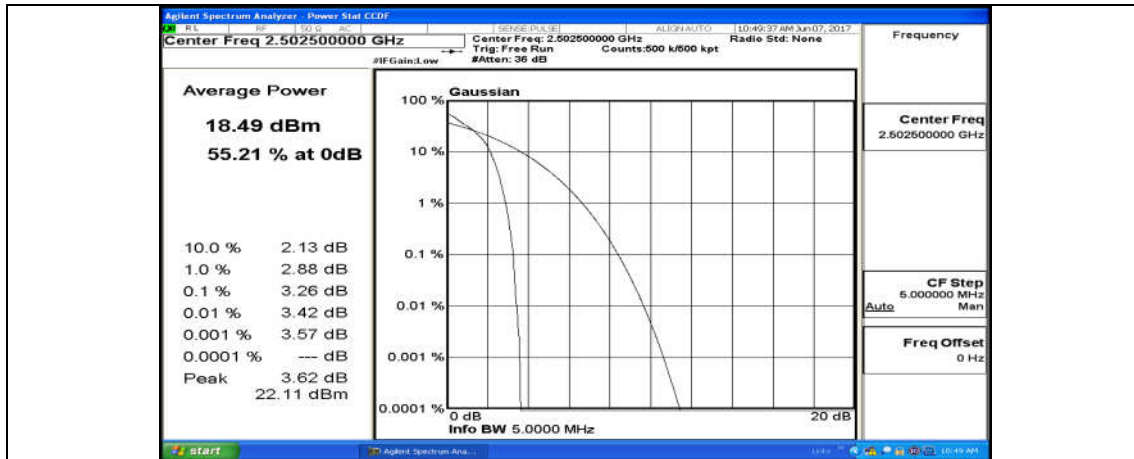
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	7.42	<13	PASS
		1	49	3.85	<13	PASS
		1	99	7.23	<13	PASS
		50	0	5.48	<13	PASS
		50	25	5.36	<13	PASS
		50	50	5.77	<13	PASS
		100	0	5.74	<13	PASS
	MCH	1	0	7.3	<13	PASS
		1	49	3.89	<13	PASS
		1	99	7.1	<13	PASS
		50	0	5.39	<13	PASS

		50	25	5.35	<13	PASS
		50	50	5.74	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	6.88	<13	PASS
		1	49	3.92	<13	PASS
		1	99	6.74	<13	PASS
		50	0	5.28	<13	PASS
		50	25	5.25	<13	PASS
		50	50	5.66	<13	PASS
		100	0	5.66	<13	PASS
16QAM	LCH	1	0	7.34	<13	PASS
		1	49	4.4	<13	PASS
		1	99	7.54	<13	PASS
		50	0	6.43	<13	PASS
		50	25	6.06	<13	PASS
		50	50	6.55	<13	PASS
		100	0	6.71	<13	PASS
	MCH	1	0	7.37	<13	PASS
		1	49	4.45	<13	PASS
		1	99	7.39	<13	PASS
		50	0	6.42	<13	PASS
		50	25	6.07	<13	PASS
		50	50	6.51	<13	PASS
		100	0	6.61	<13	PASS
	HCH	1	0	7.12	<13	PASS
		1	49	4.88	<13	PASS
		1	99	7.03	<13	PASS
		50	0	6.29	<13	PASS
		50	25	6.02	<13	PASS
		50	50	6.45	<13	PASS
		100	0	6.5	<13	PASS

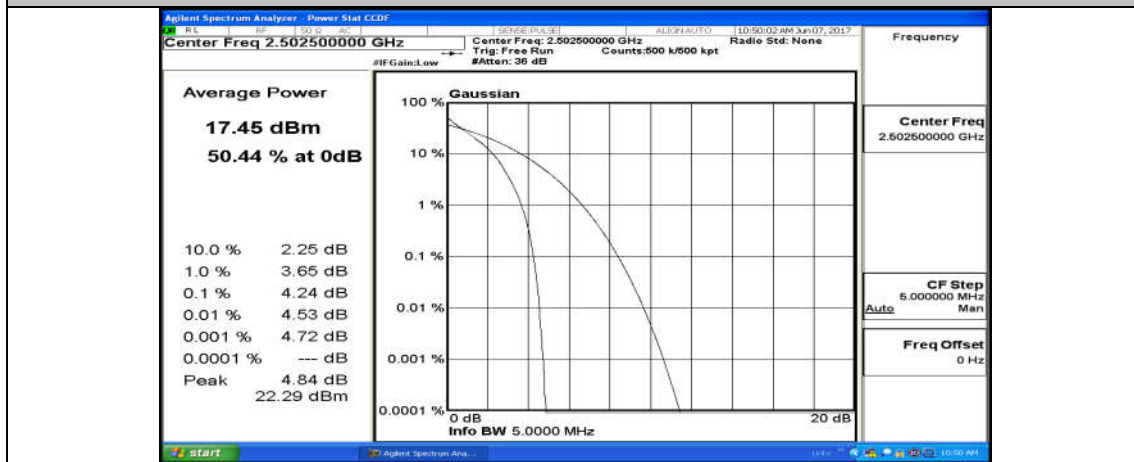
Test Graphs

Channel Bandwidth: 5 MHz

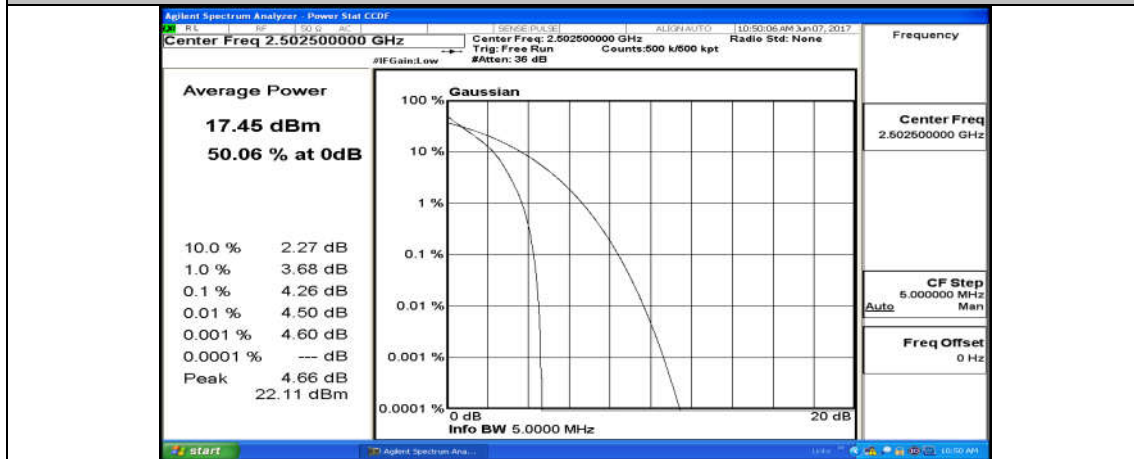




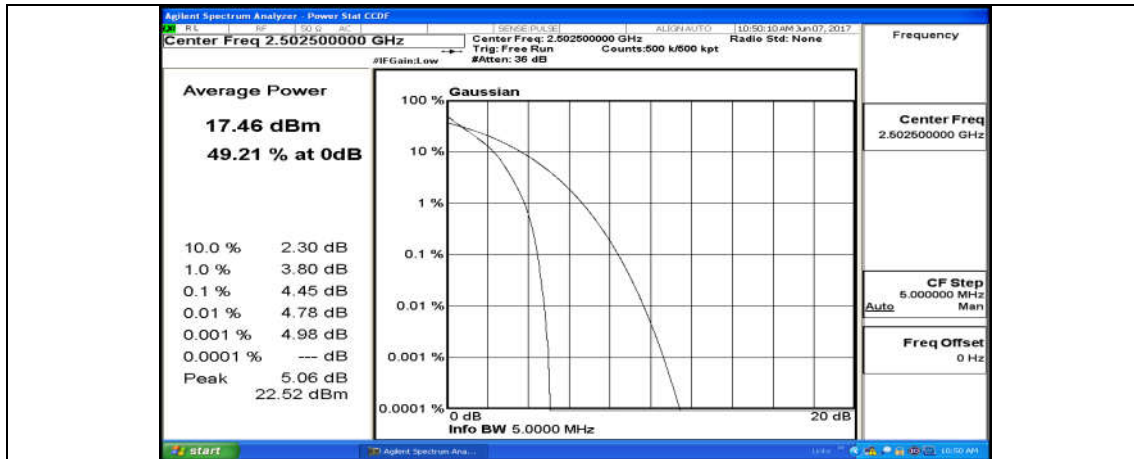
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



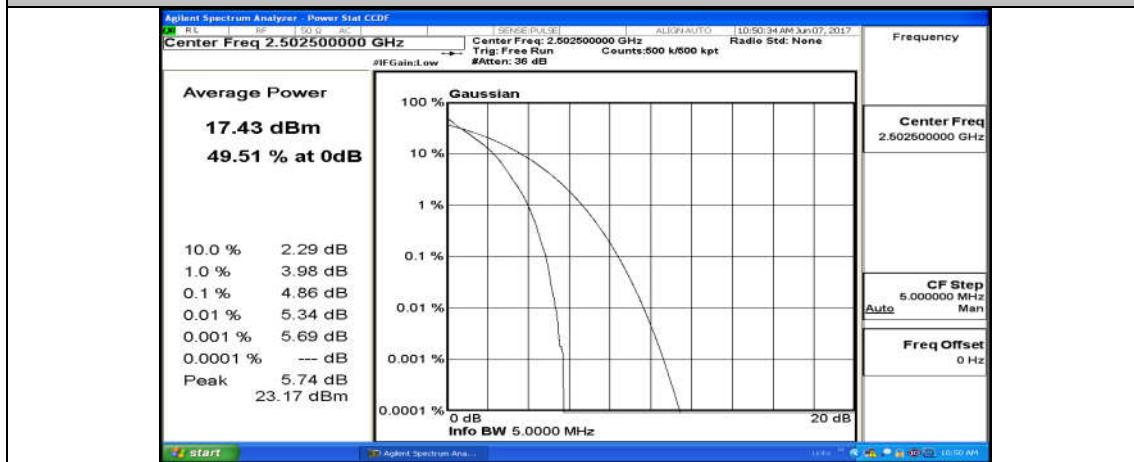
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



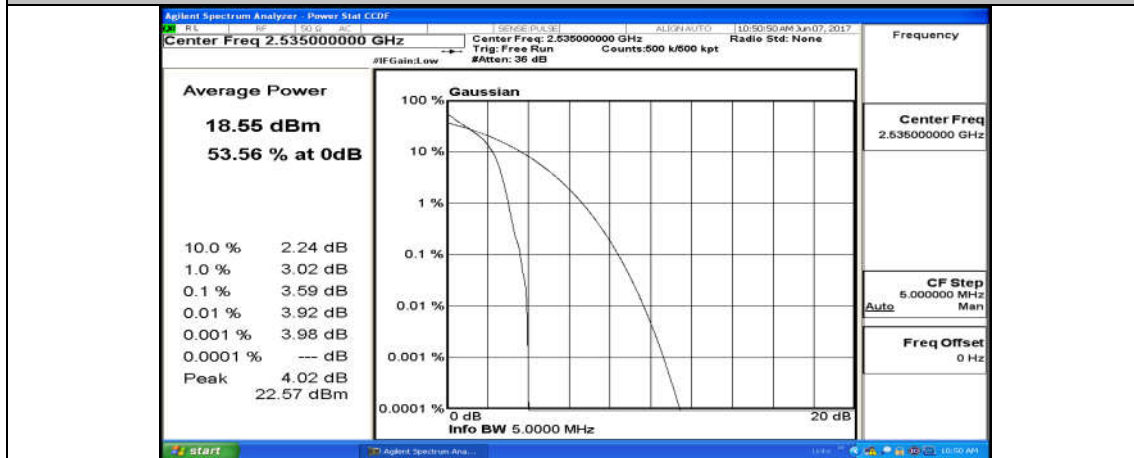
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



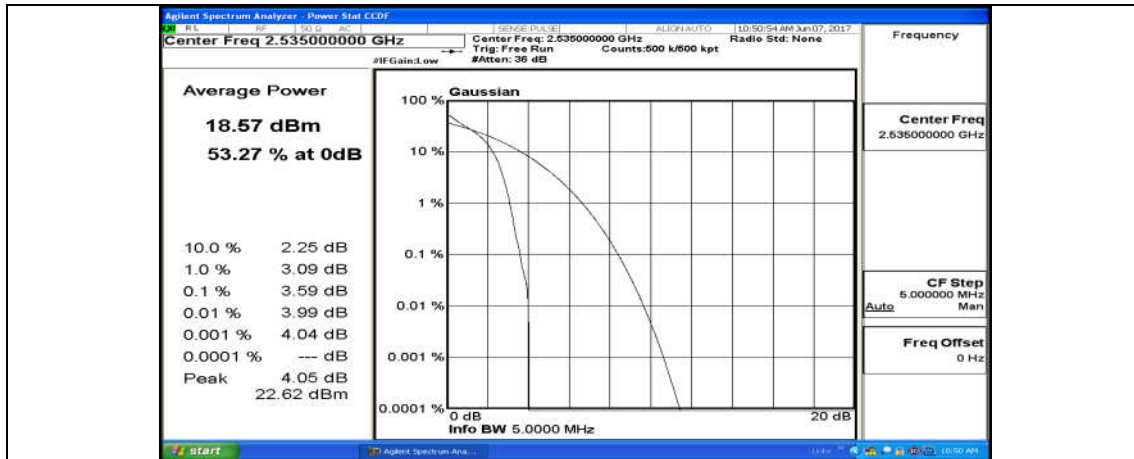
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



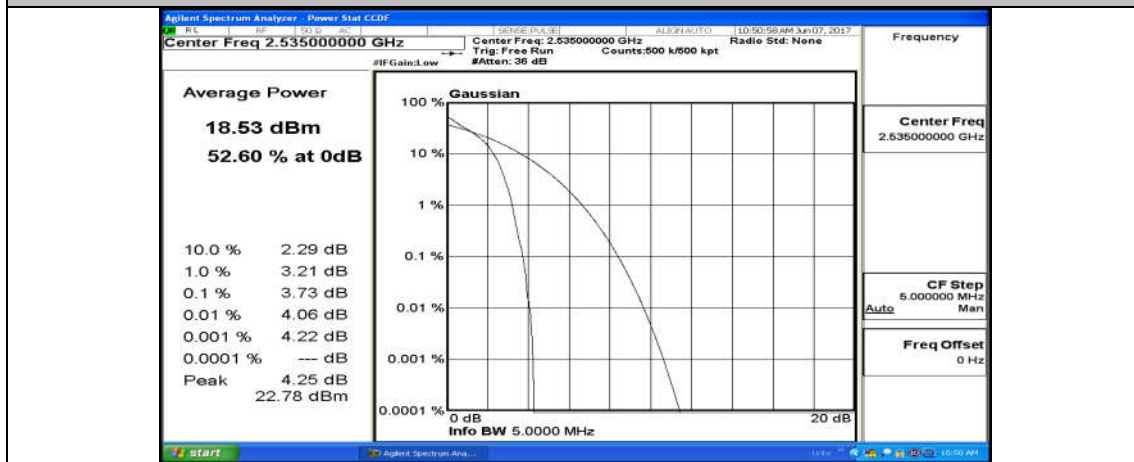
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



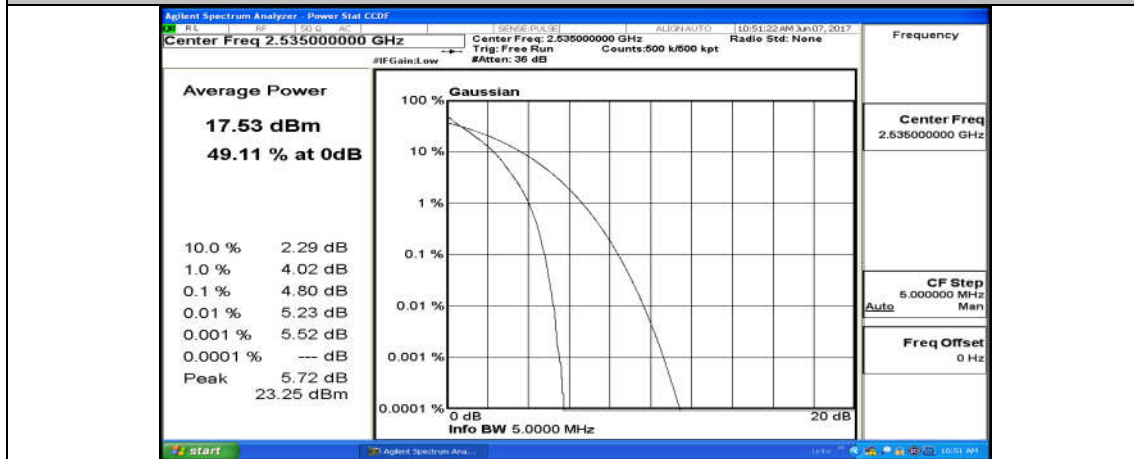
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



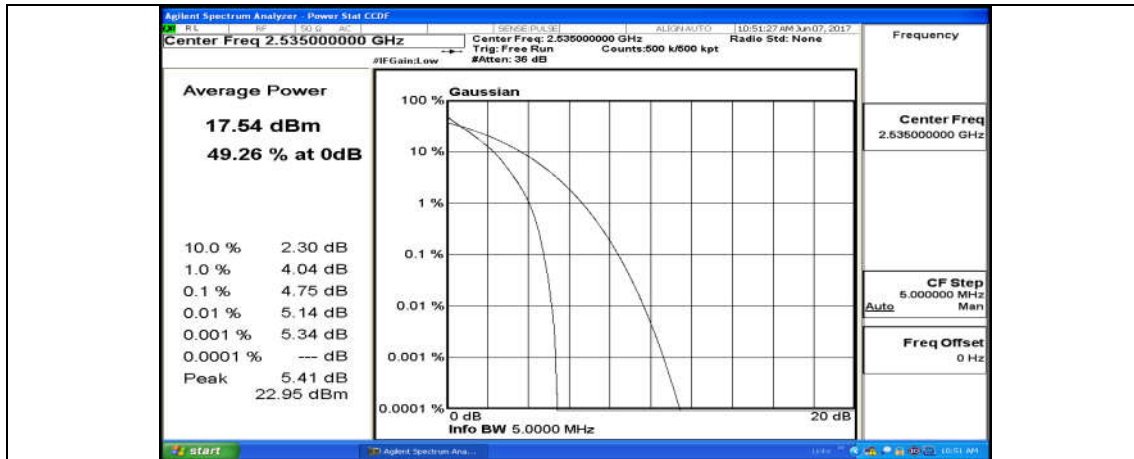
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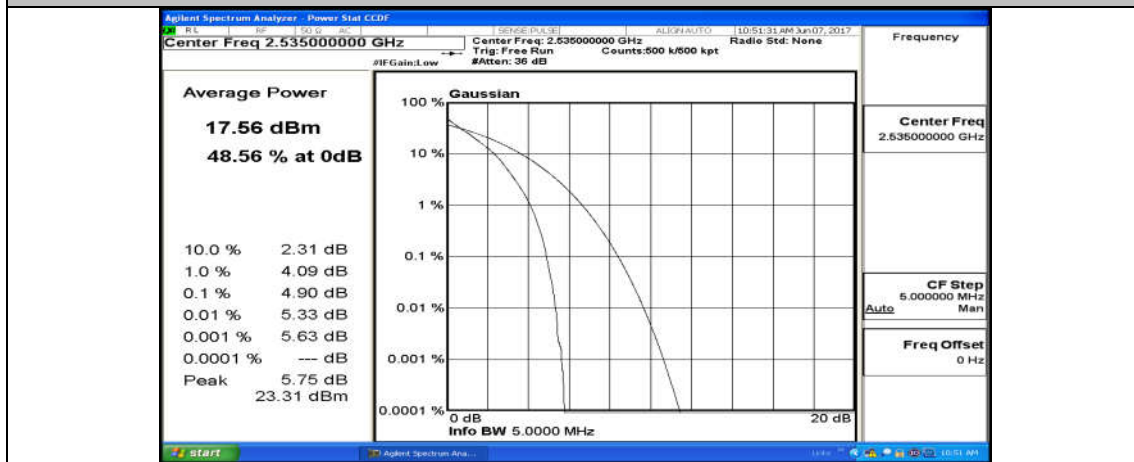
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



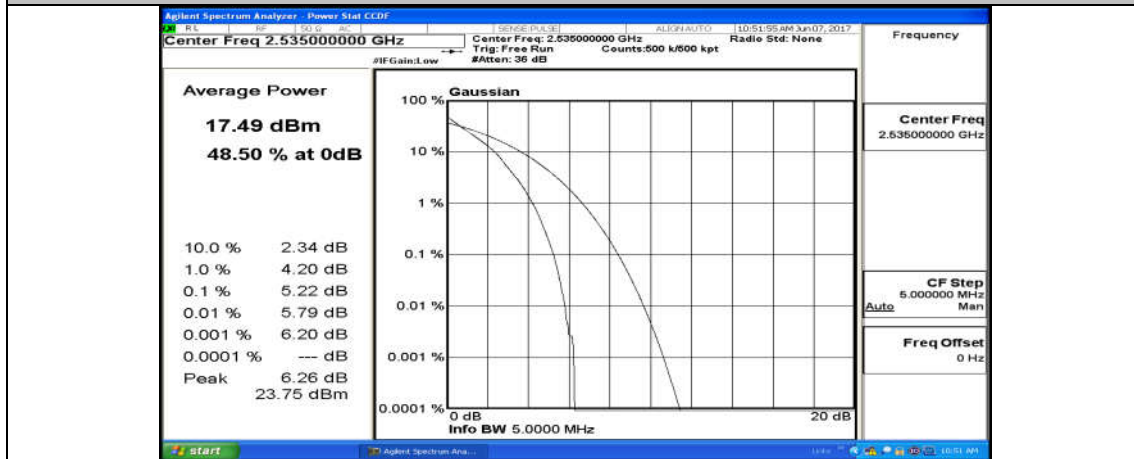
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



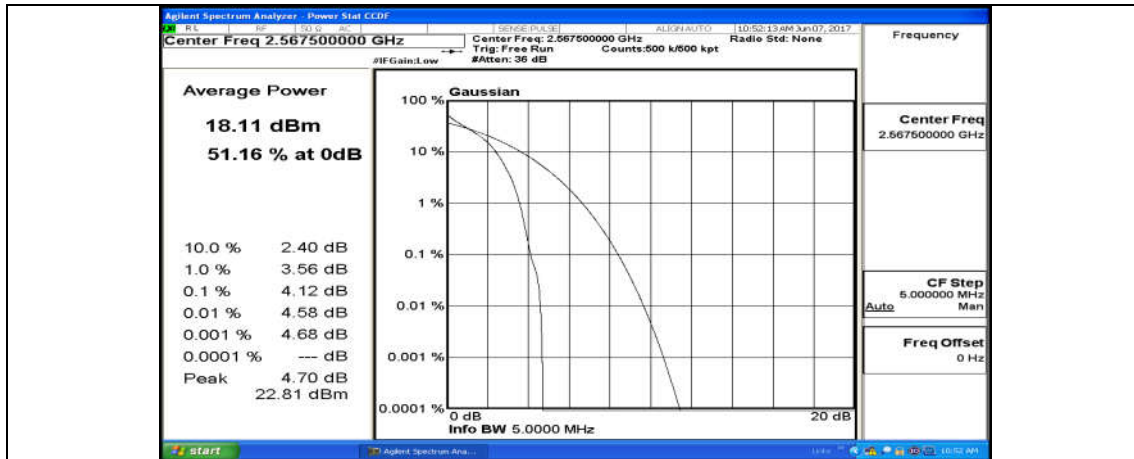
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



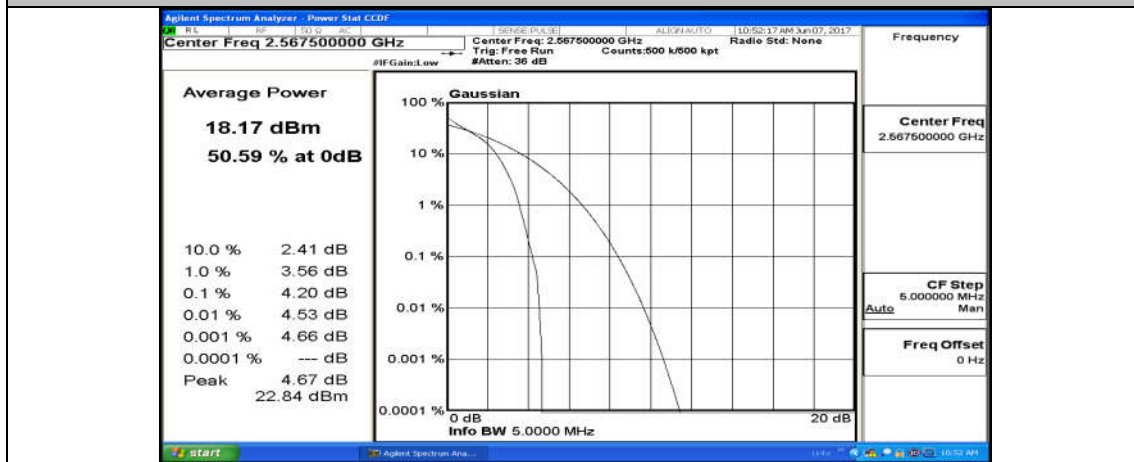
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



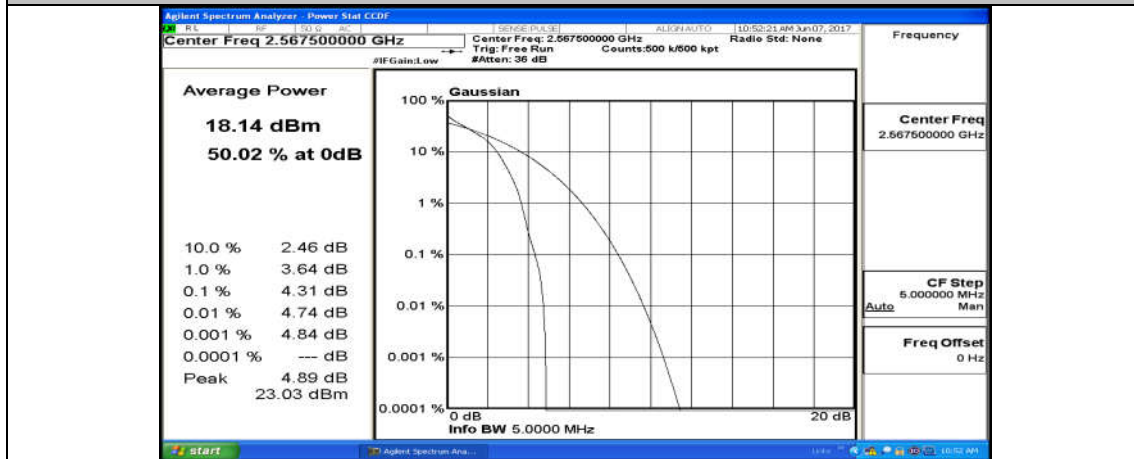
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



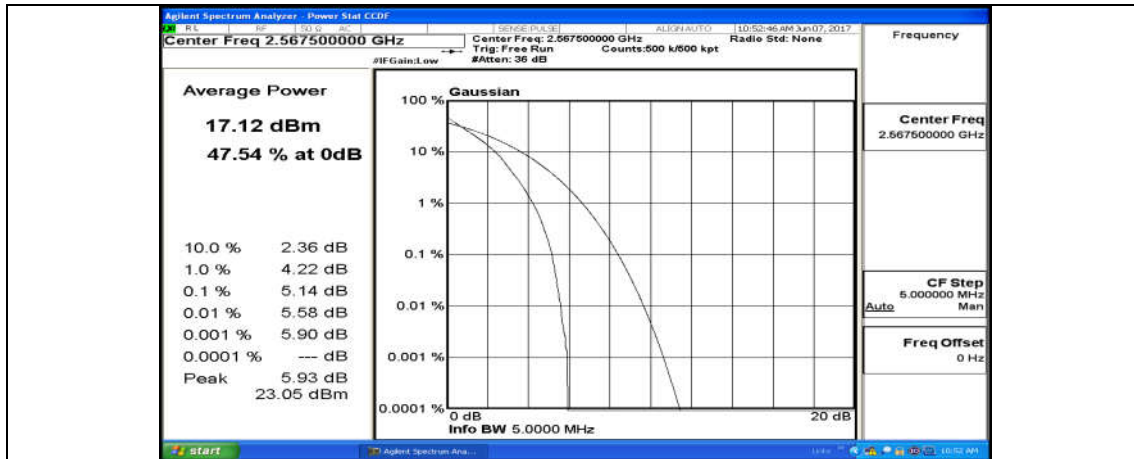
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



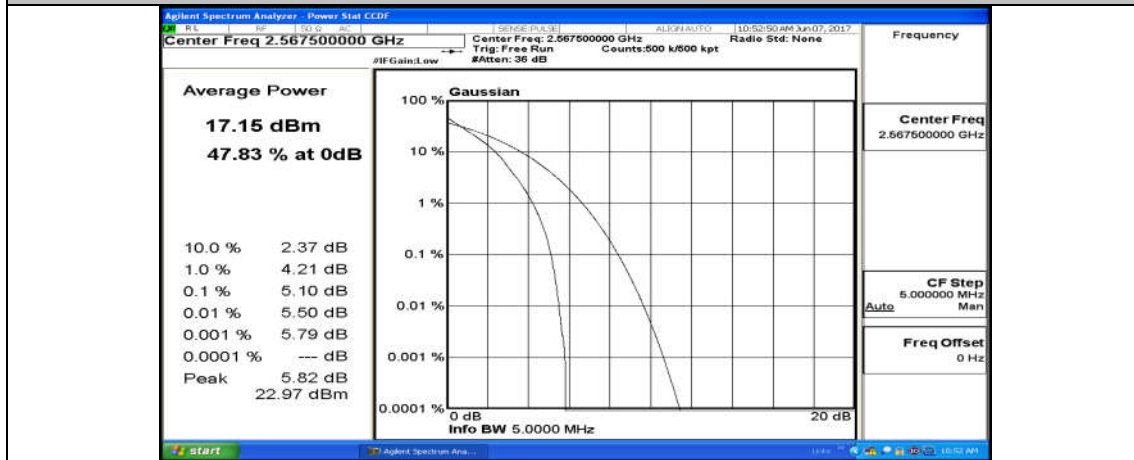
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



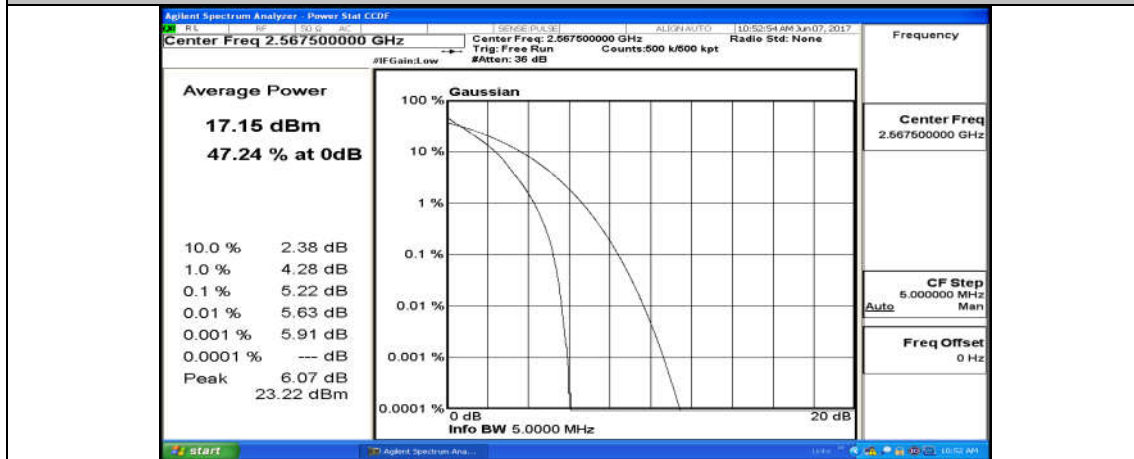
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



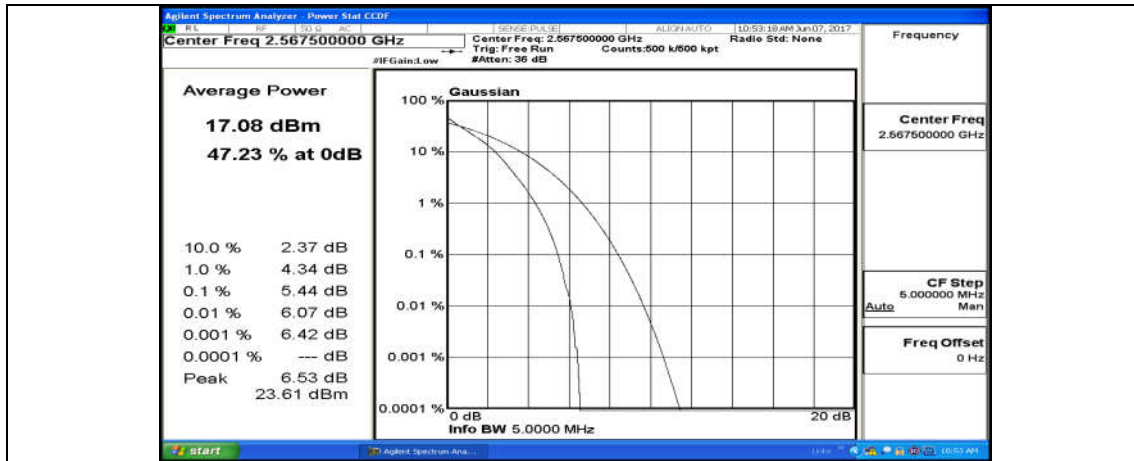
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



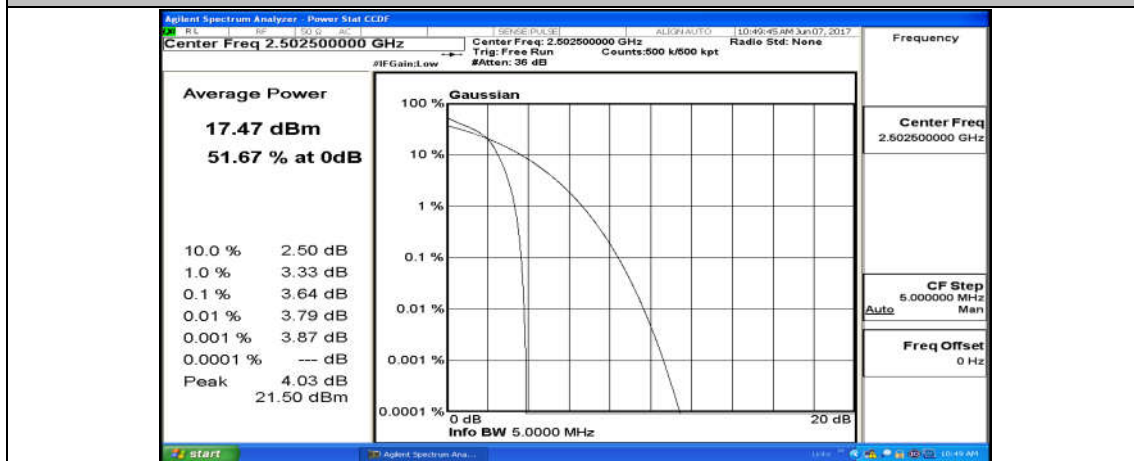
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



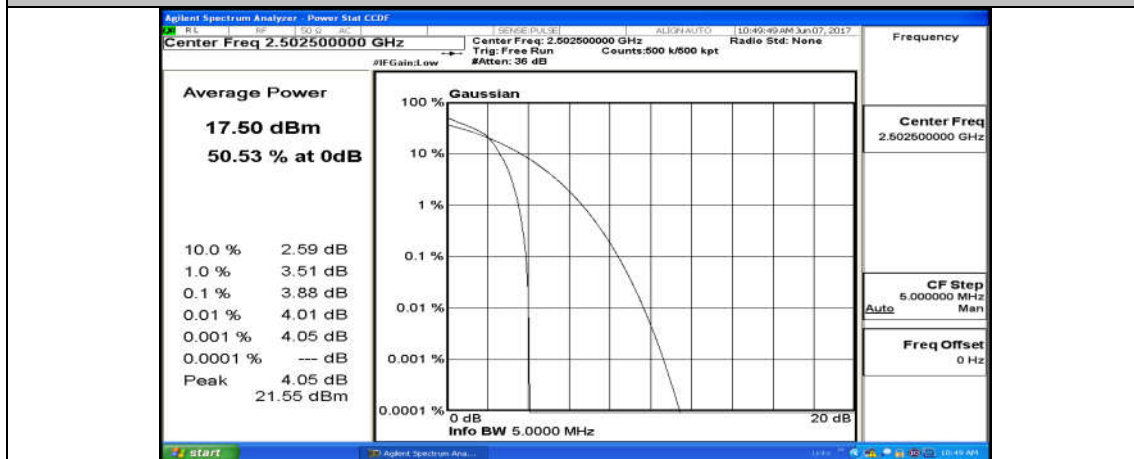
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



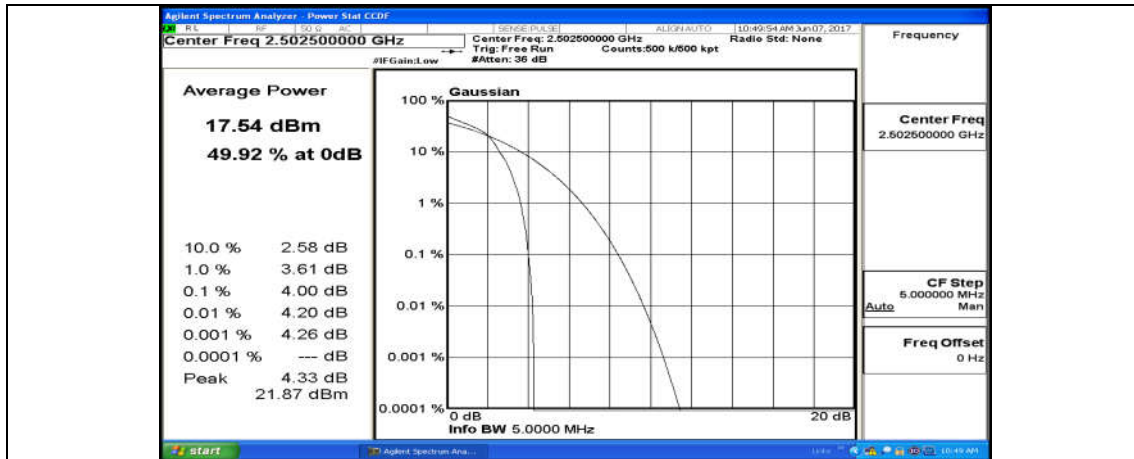
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



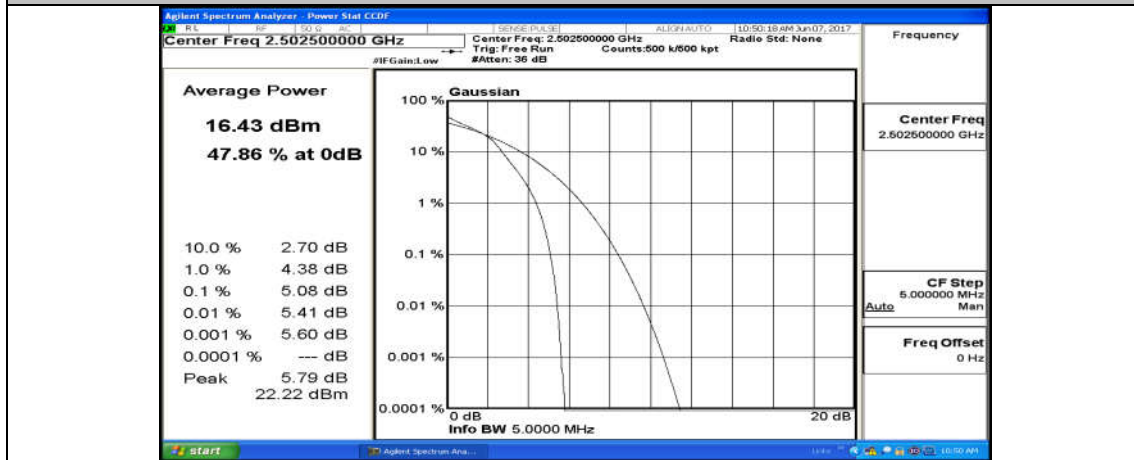
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



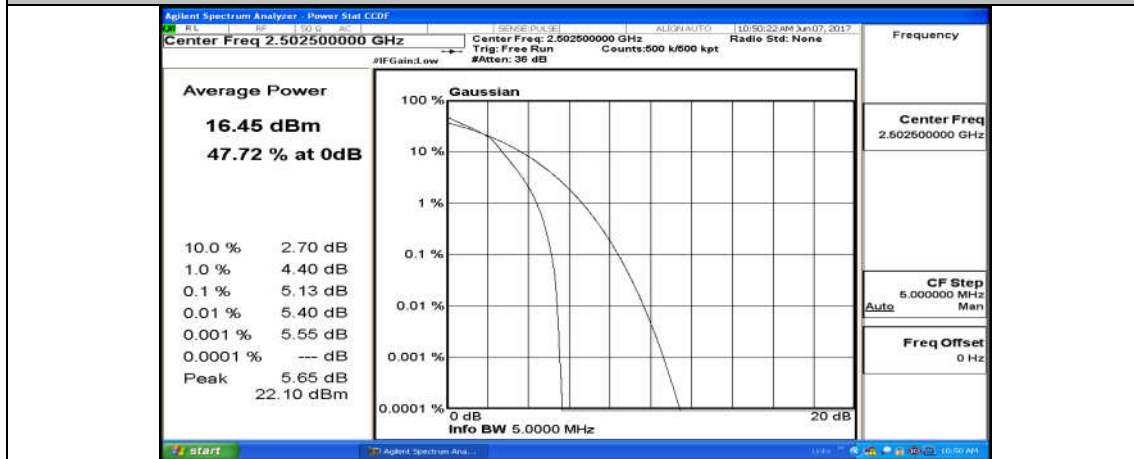
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



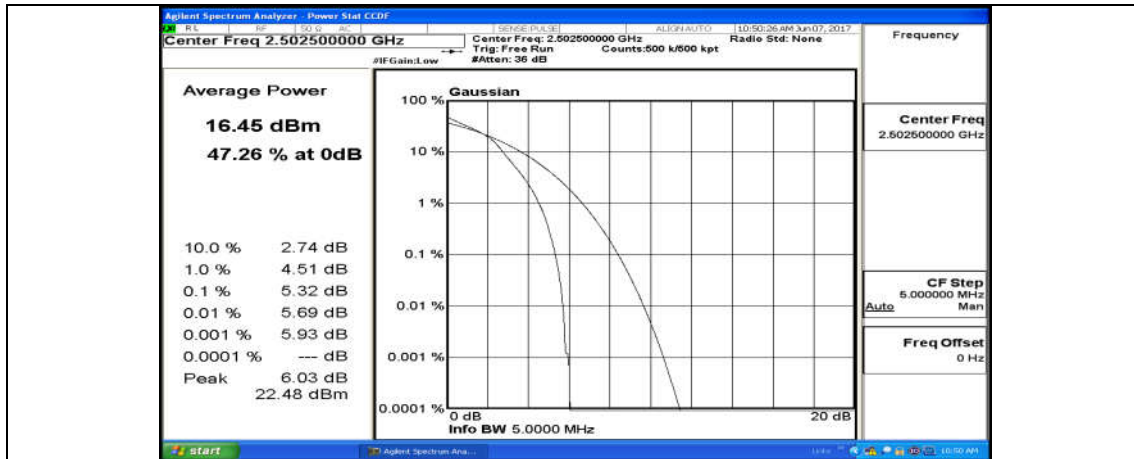
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



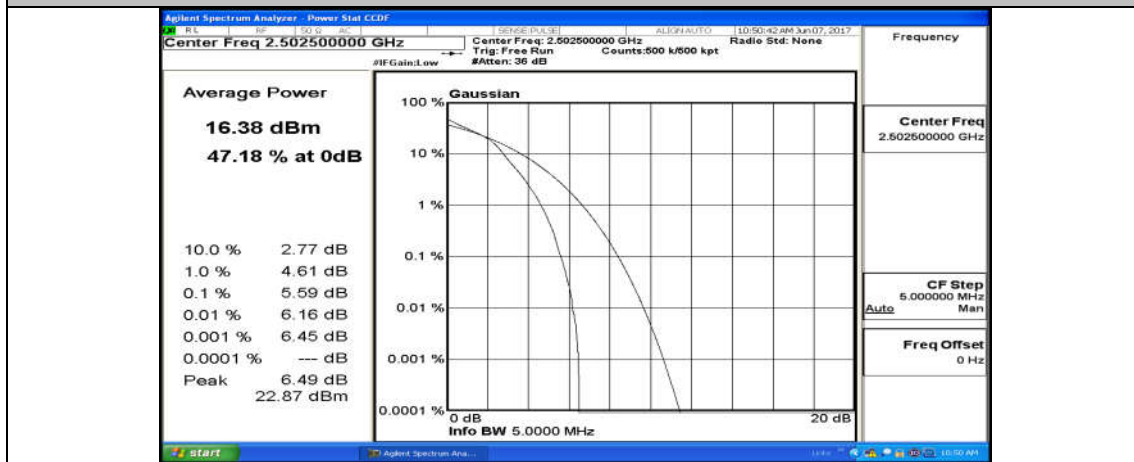
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



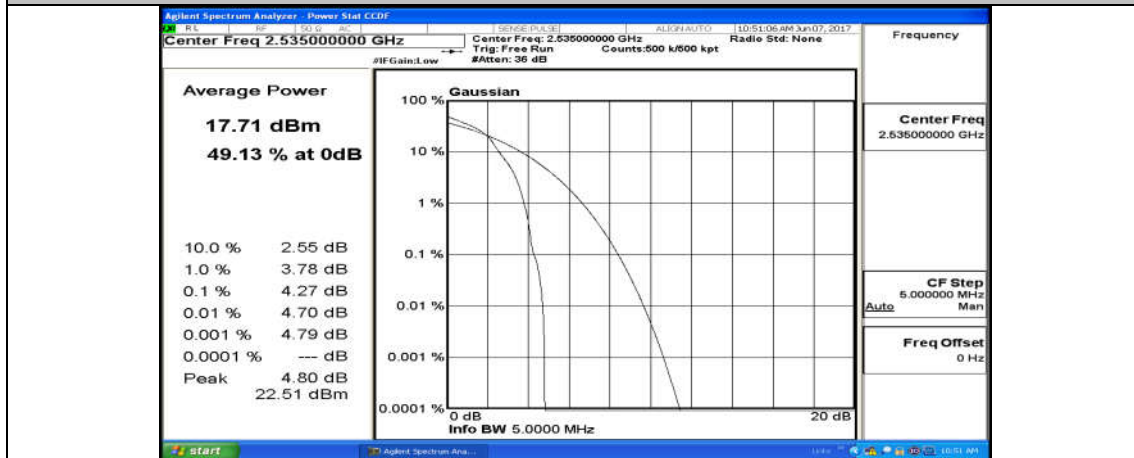
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



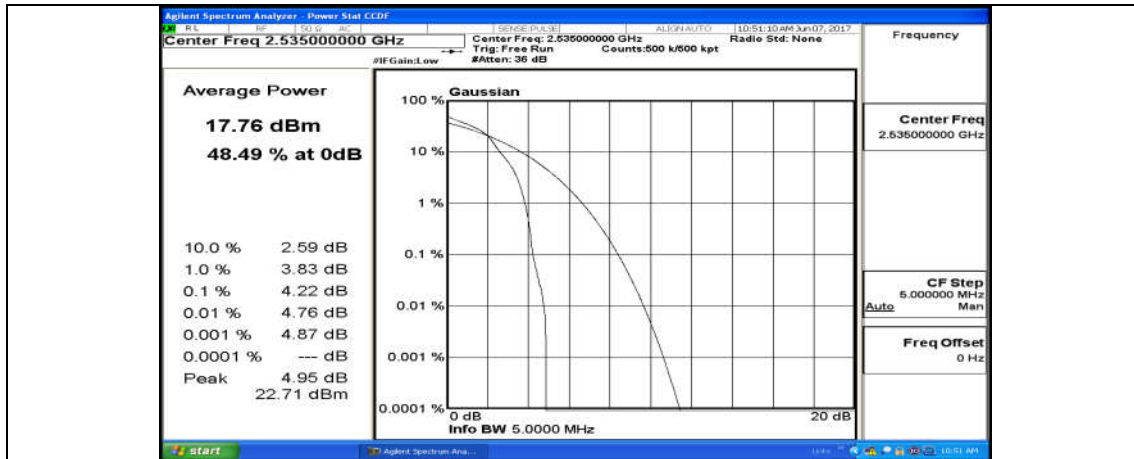
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



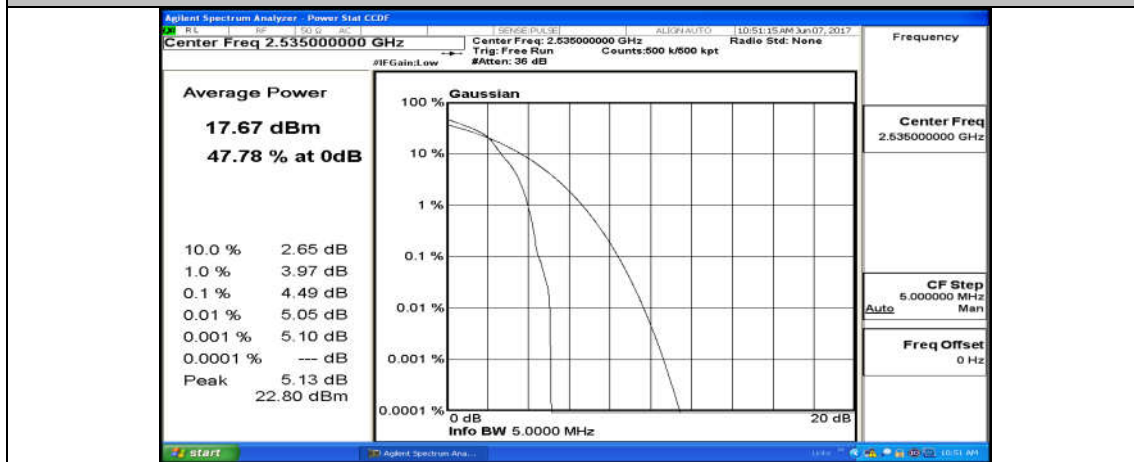
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



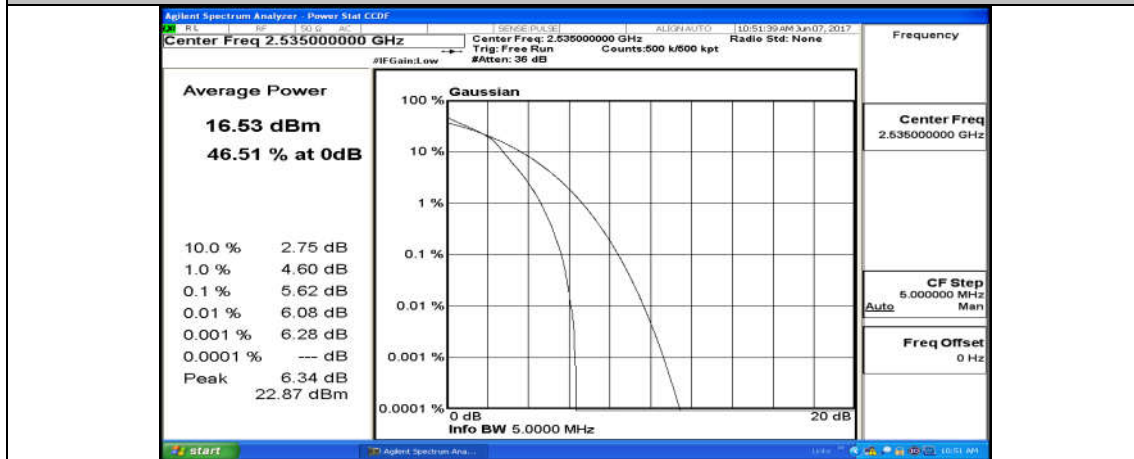
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



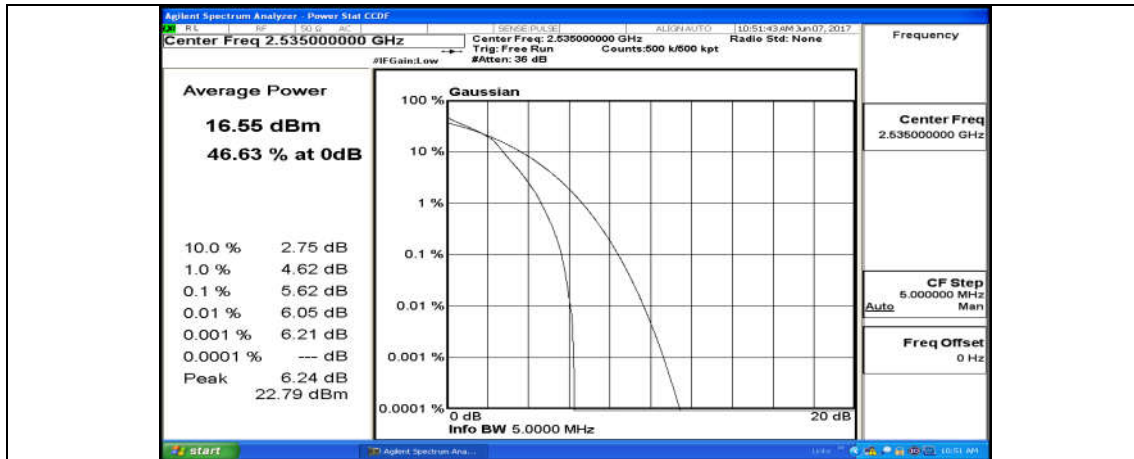
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



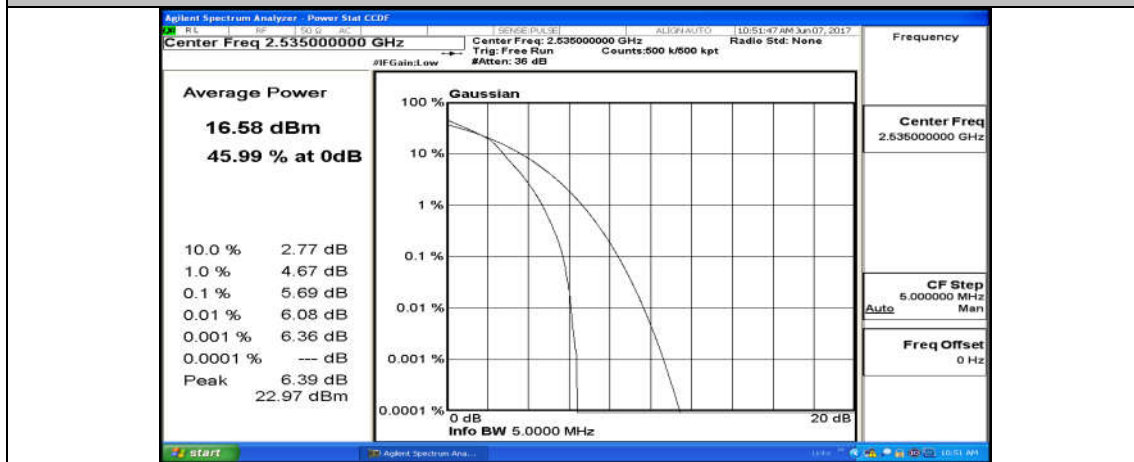
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



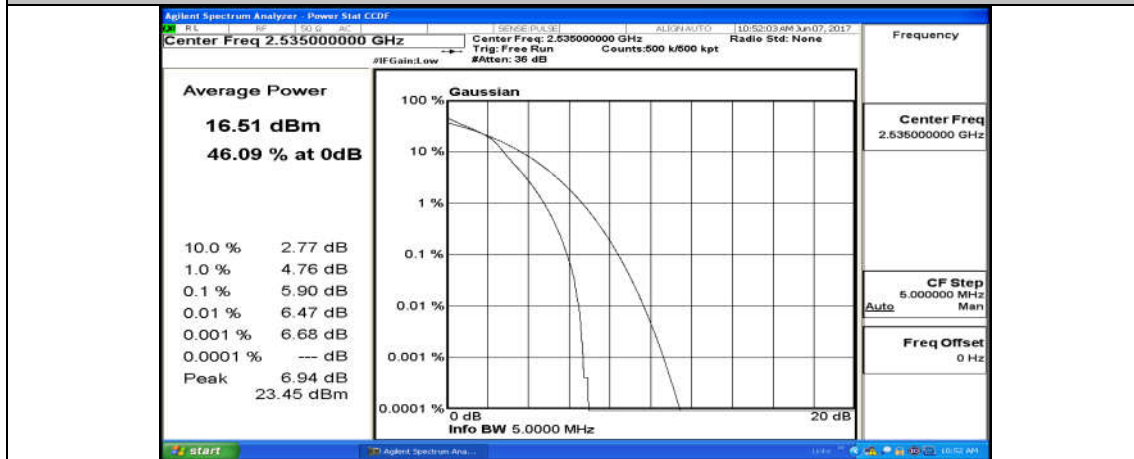
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



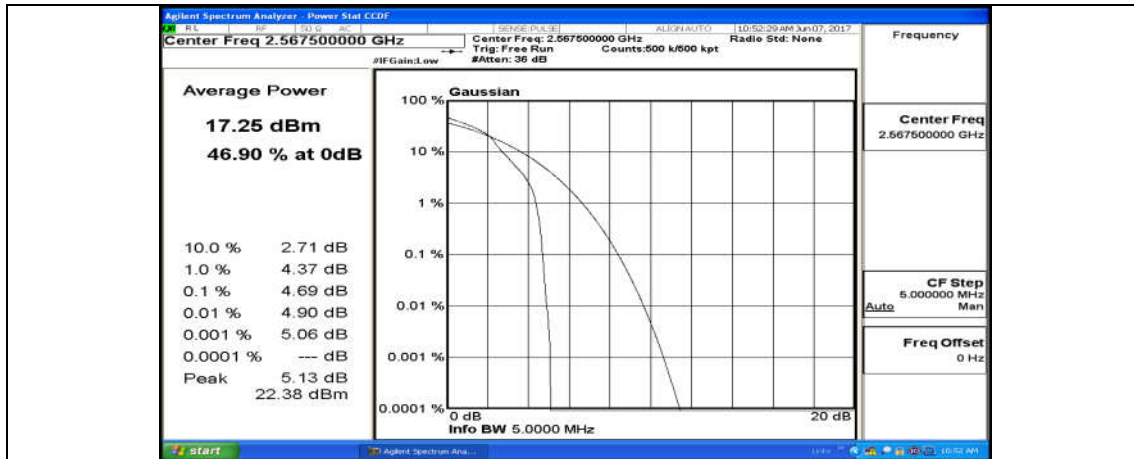
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



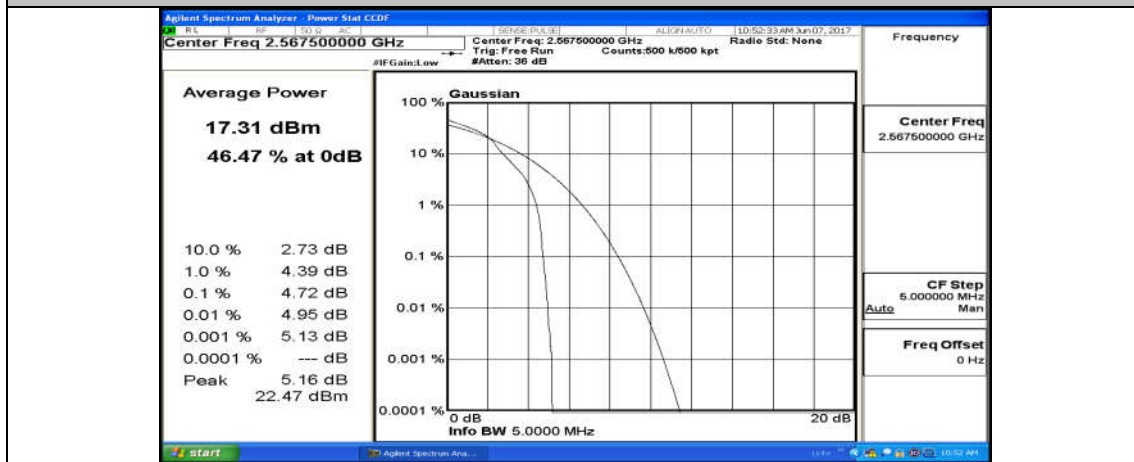
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



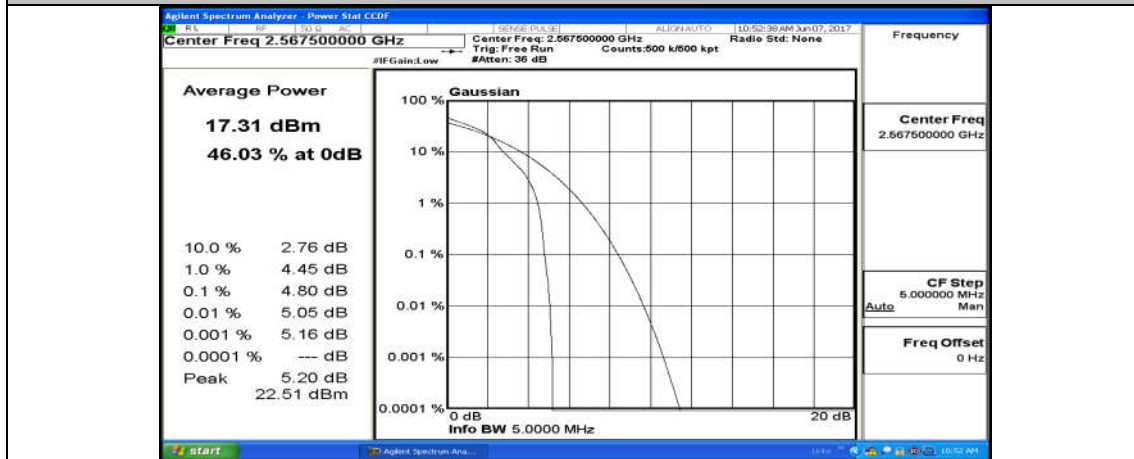
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



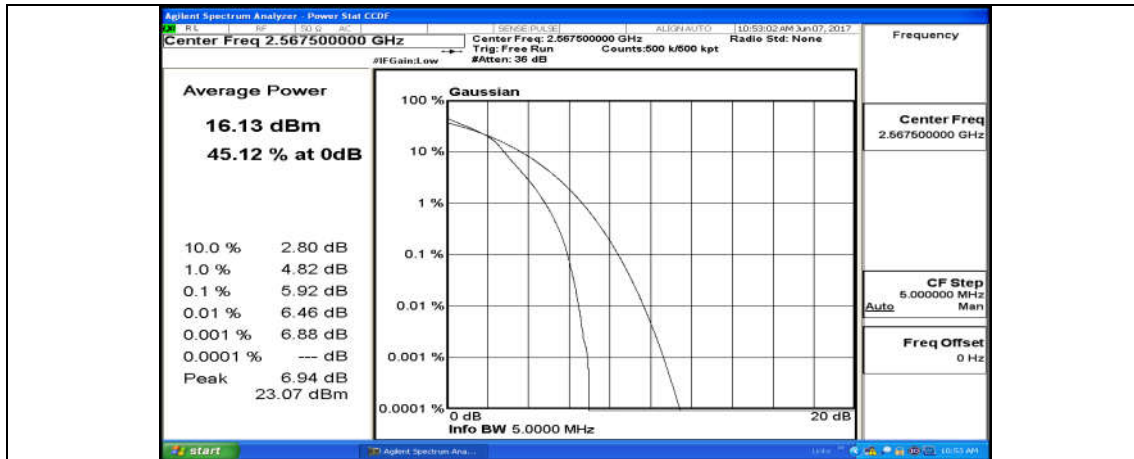
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



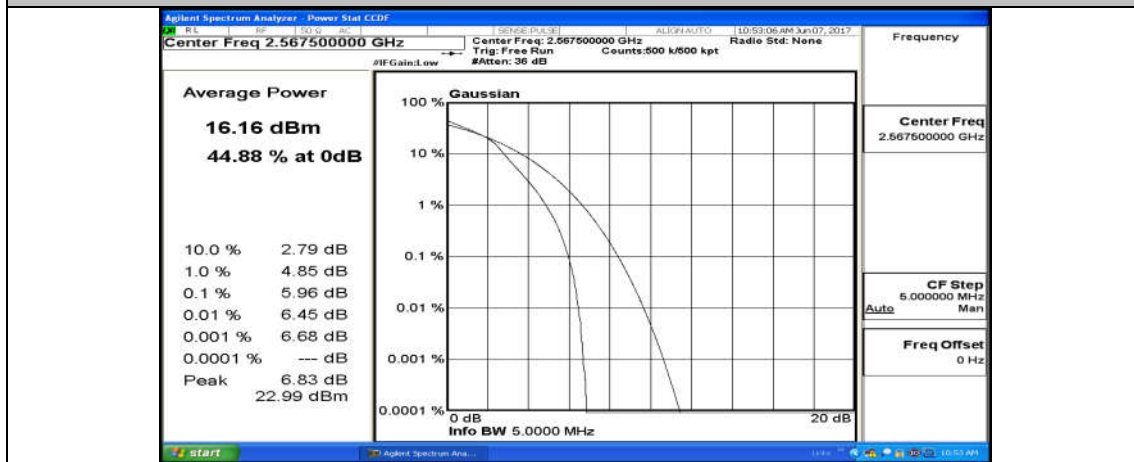
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



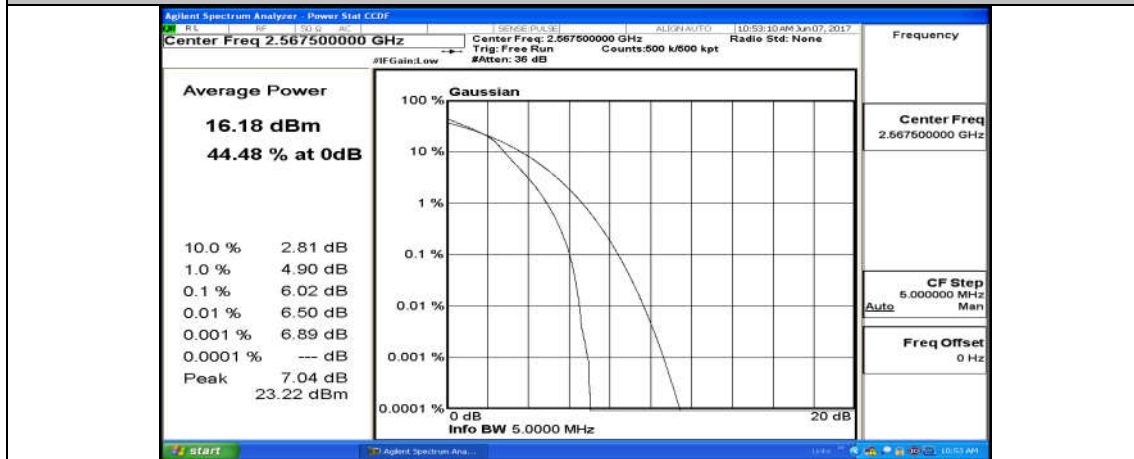
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



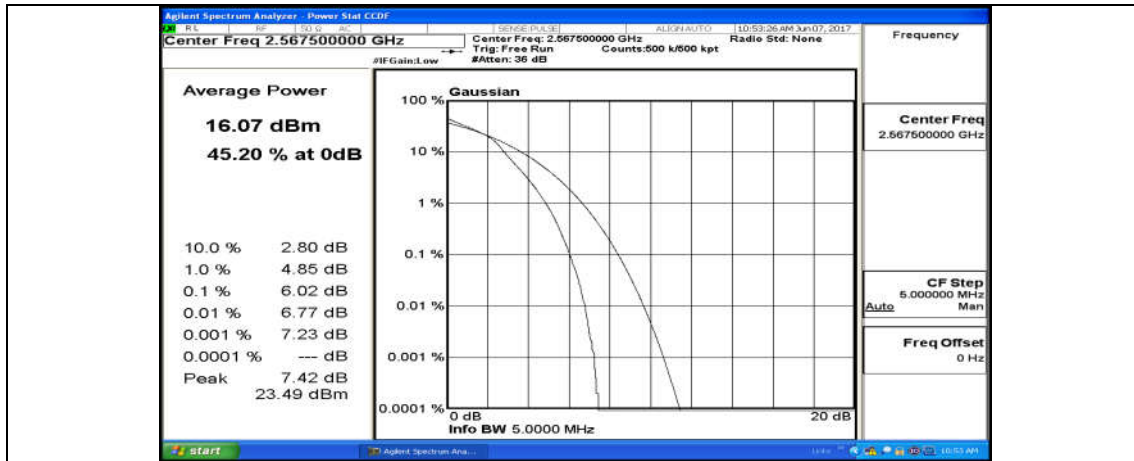
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



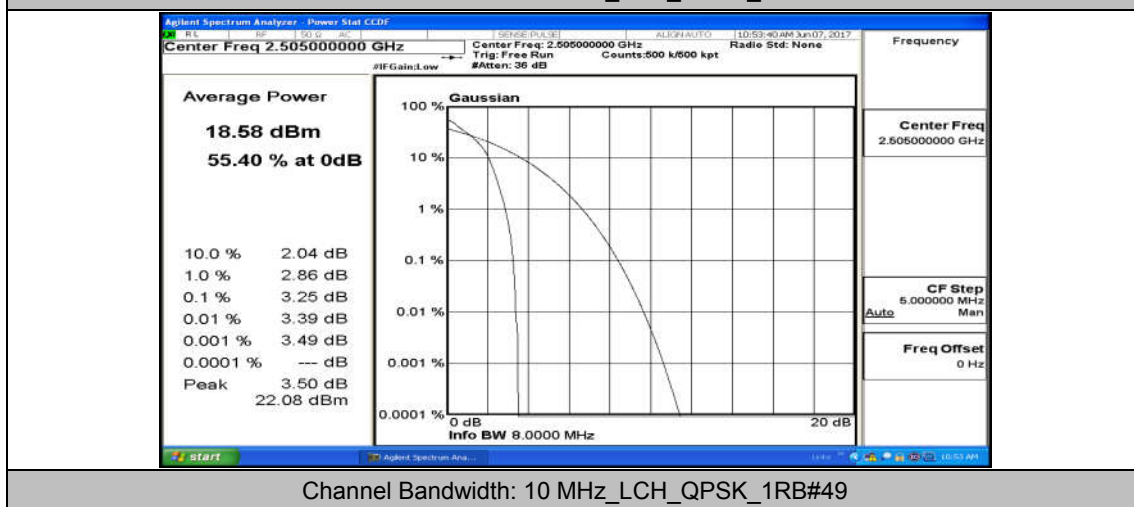
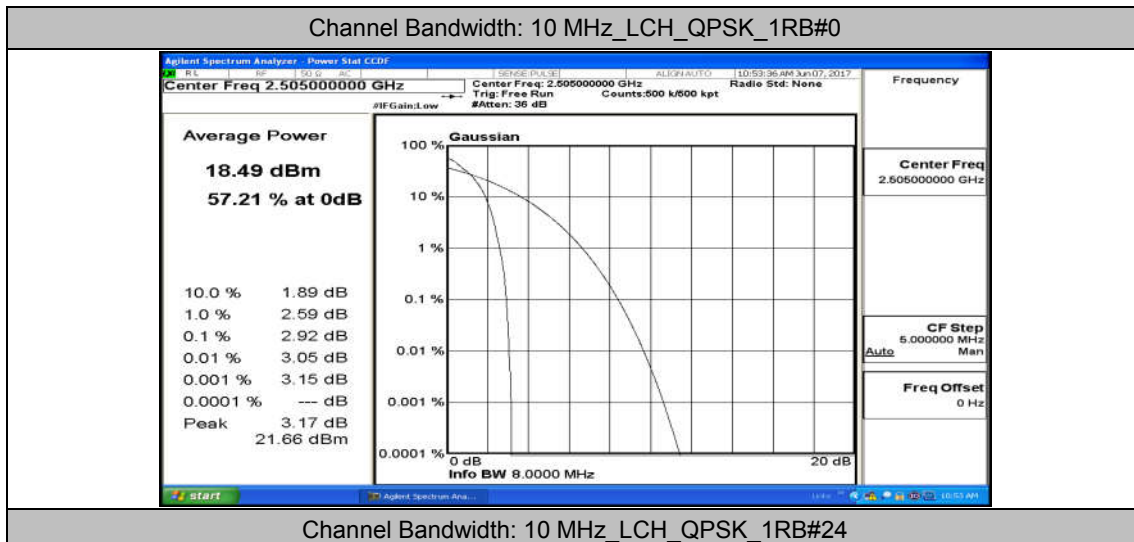
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



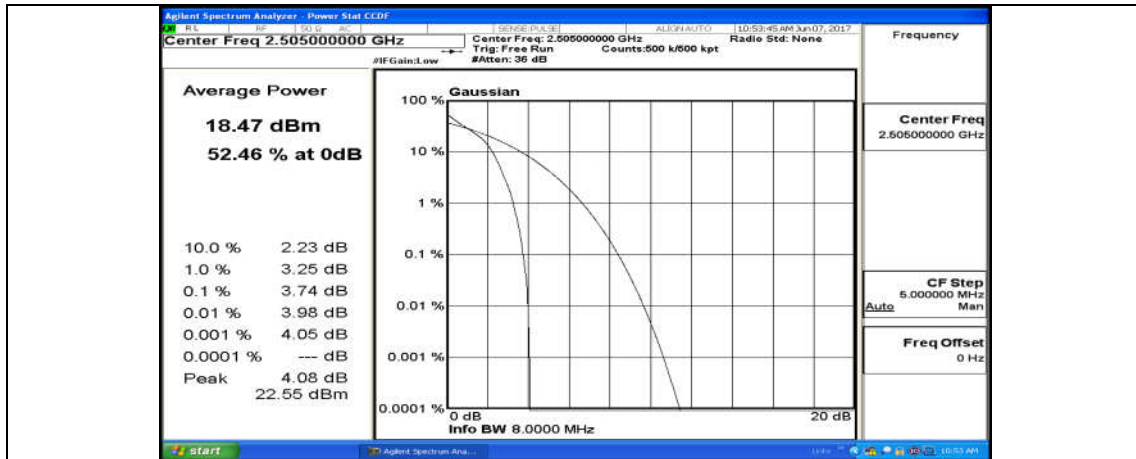
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



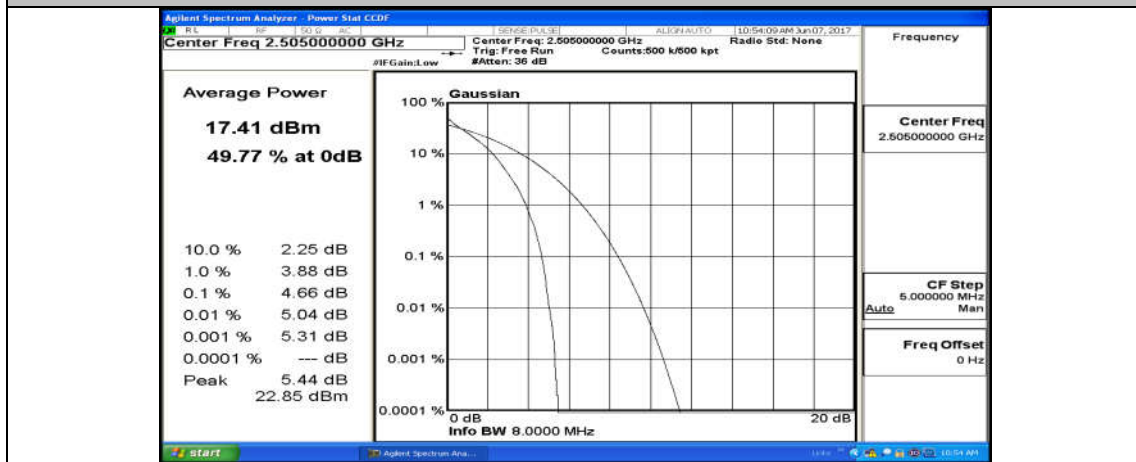
Channel Bandwidth: 10 MHz



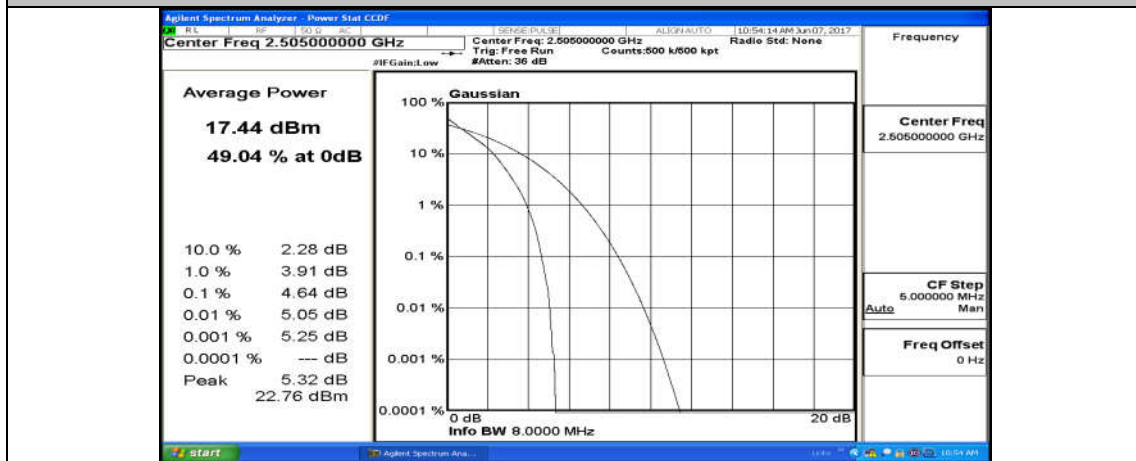
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



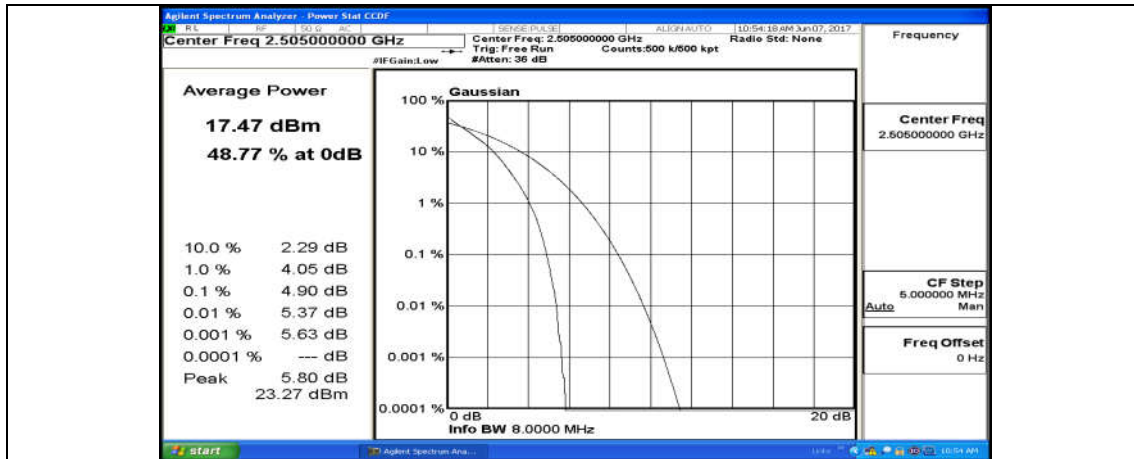
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



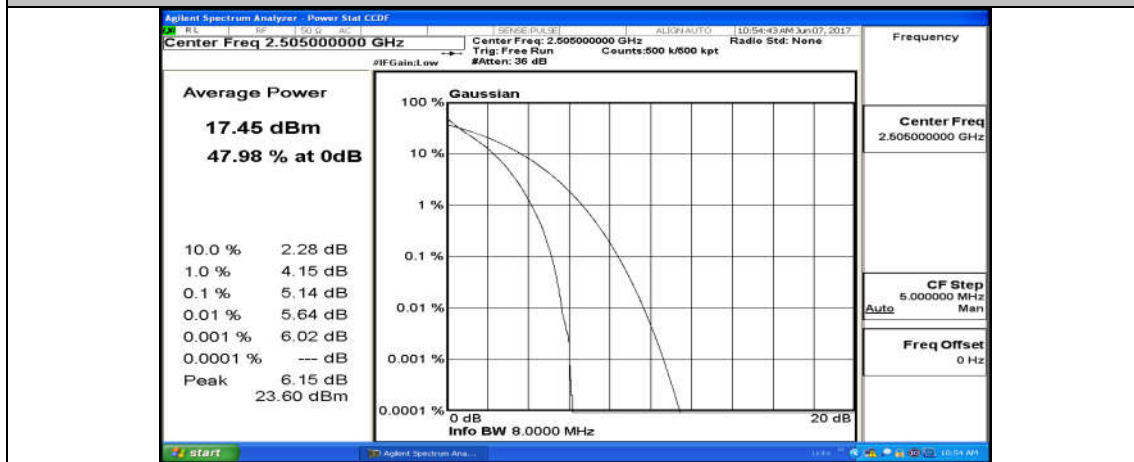
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



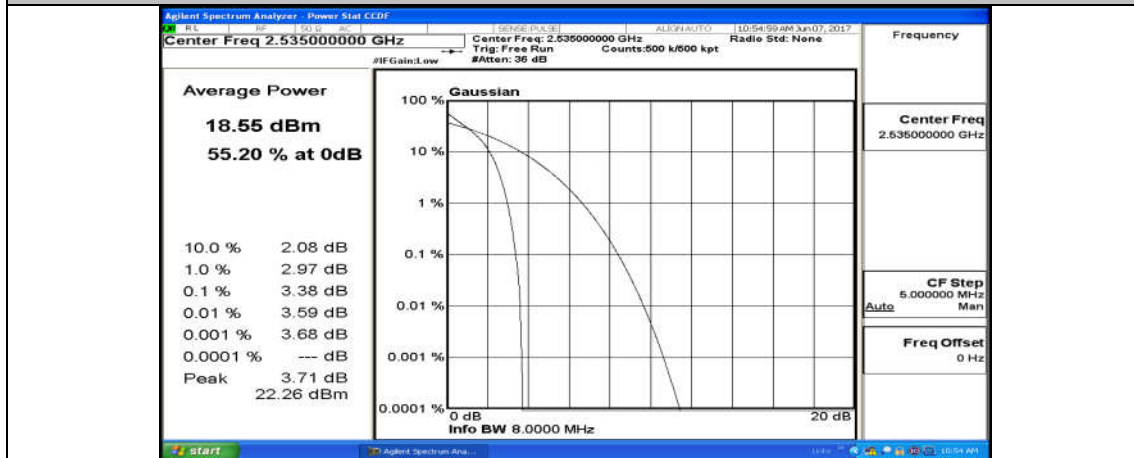
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



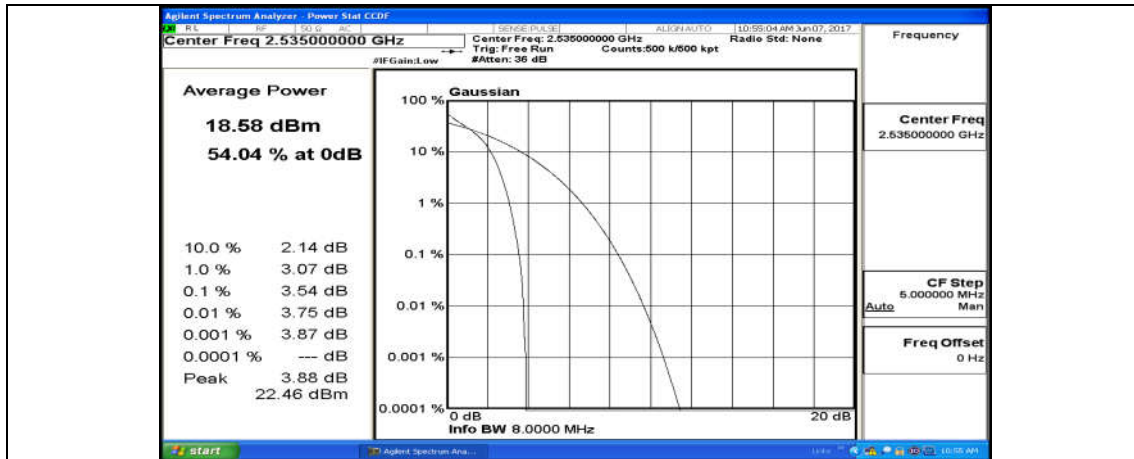
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



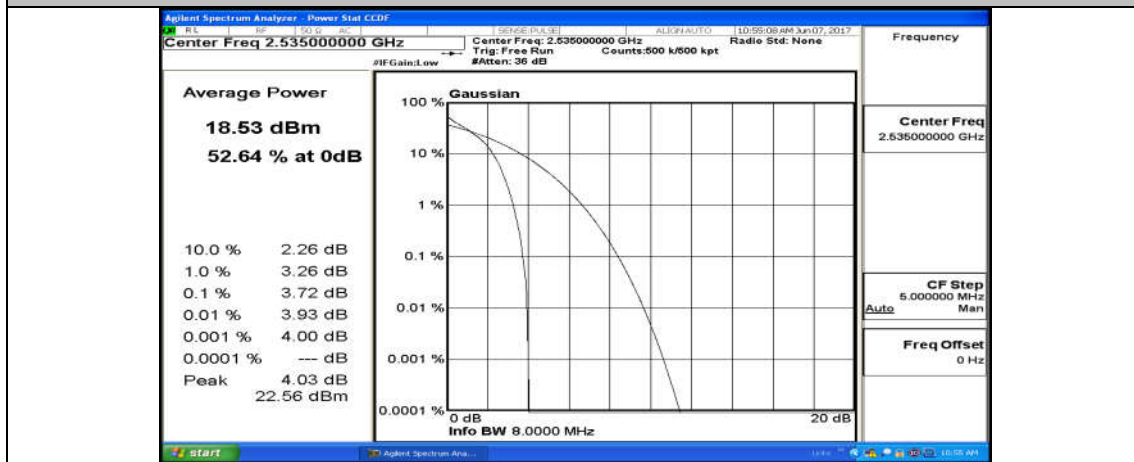
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



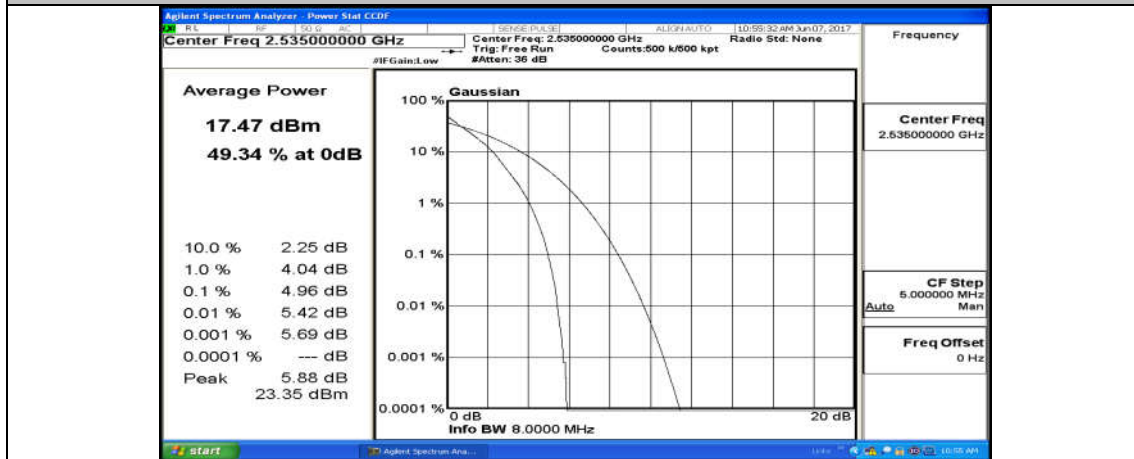
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



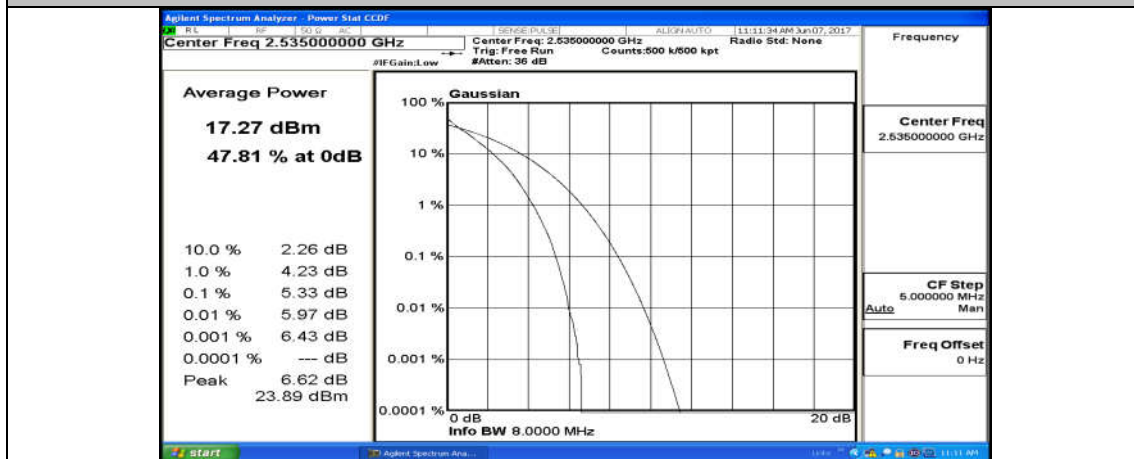
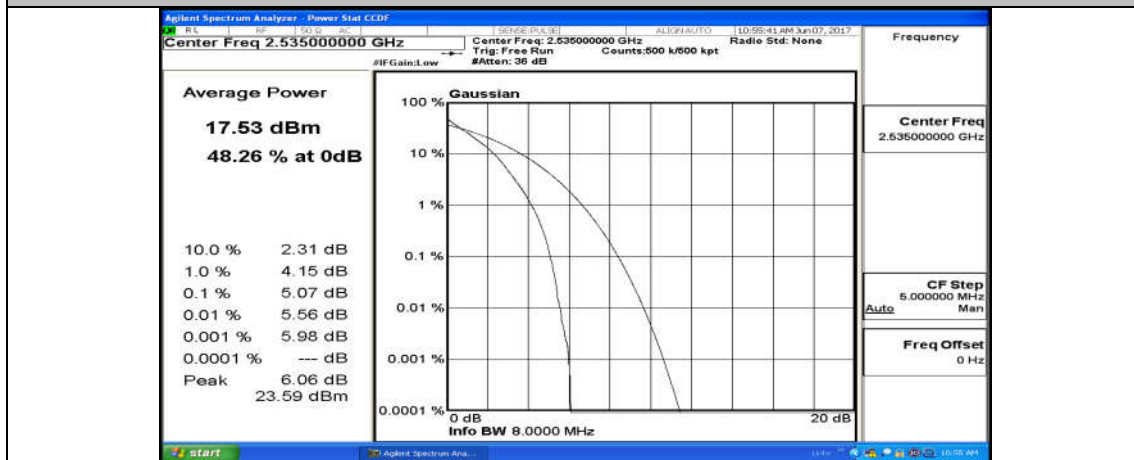
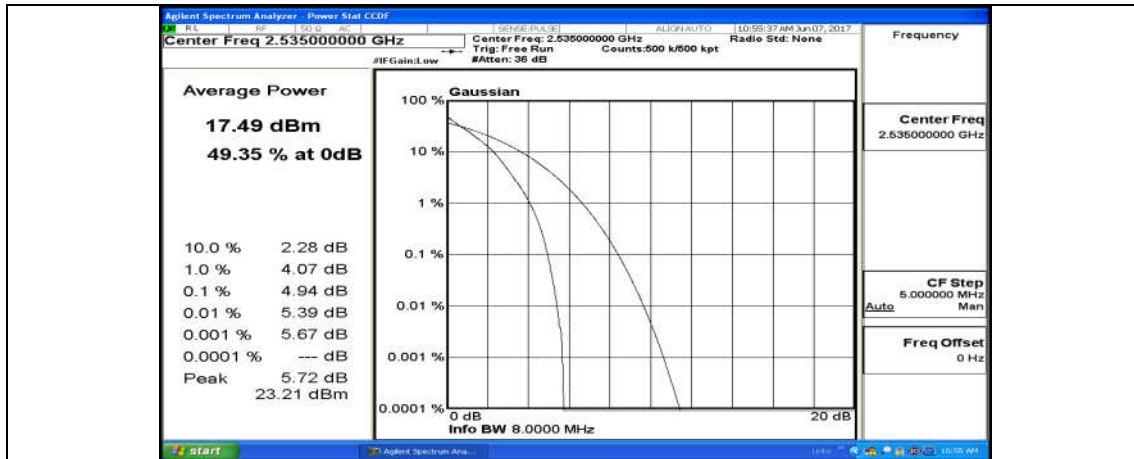
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

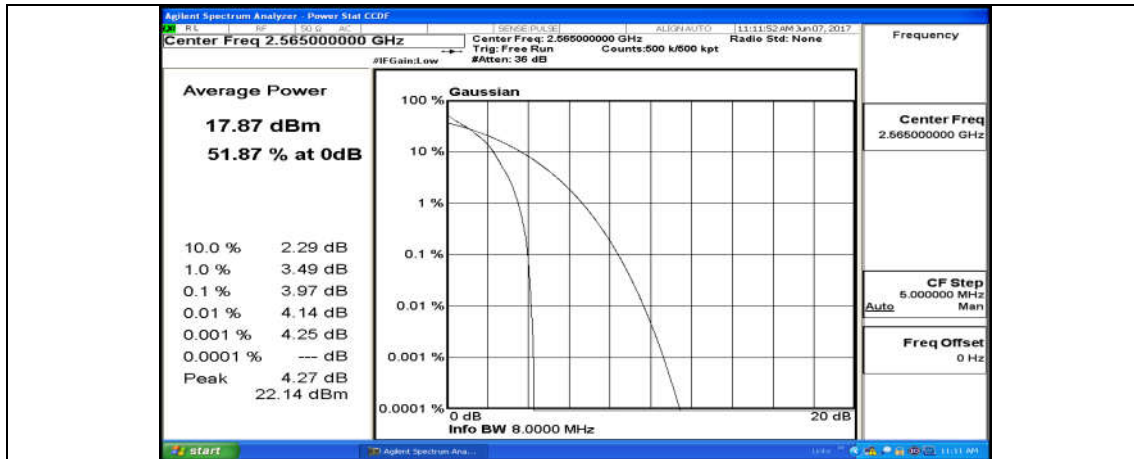


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

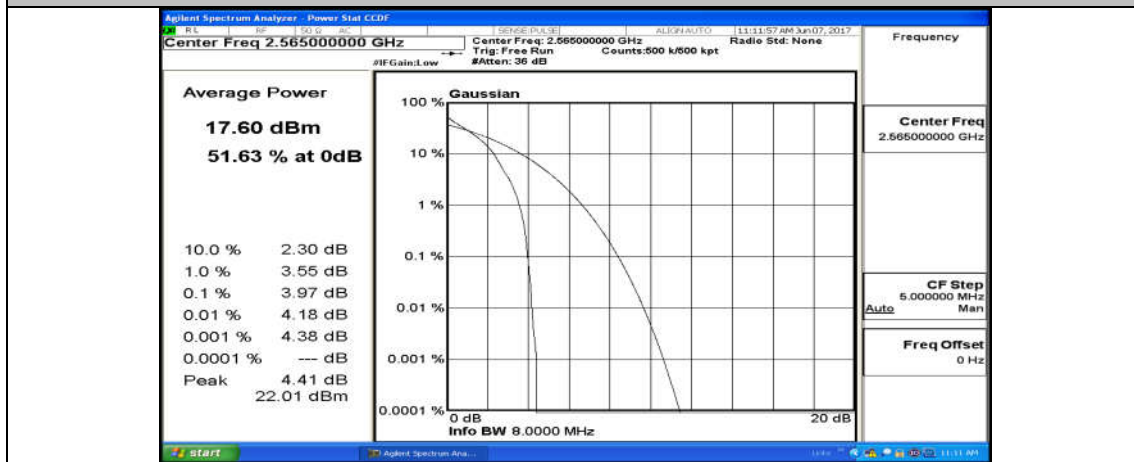


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

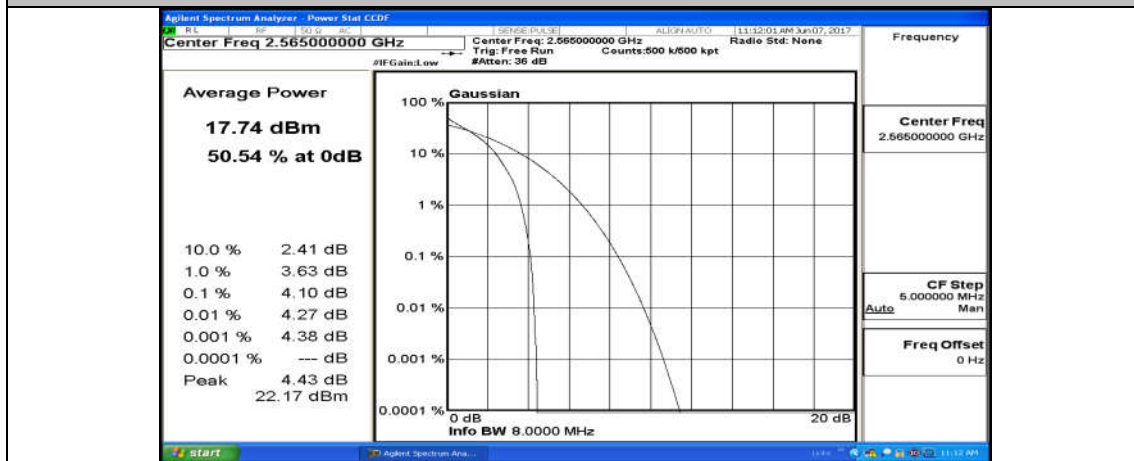




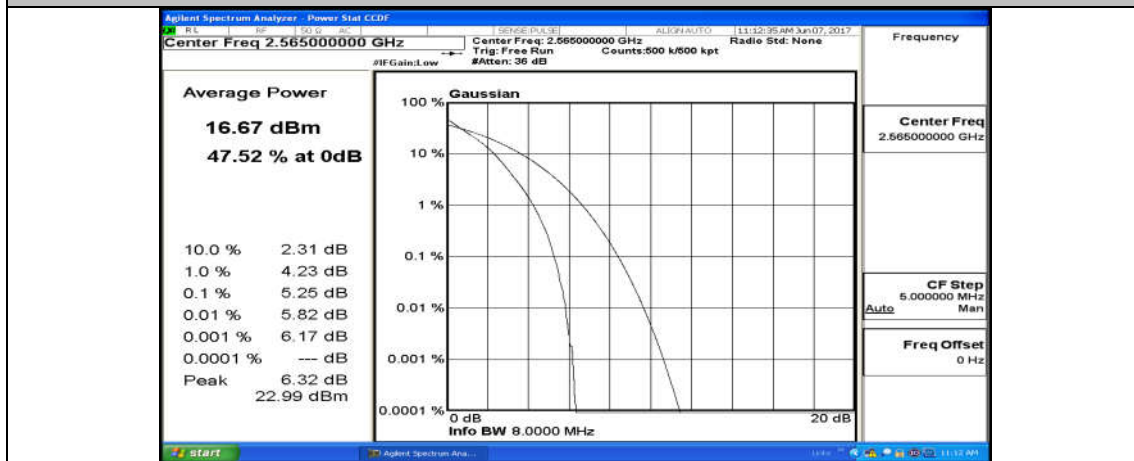
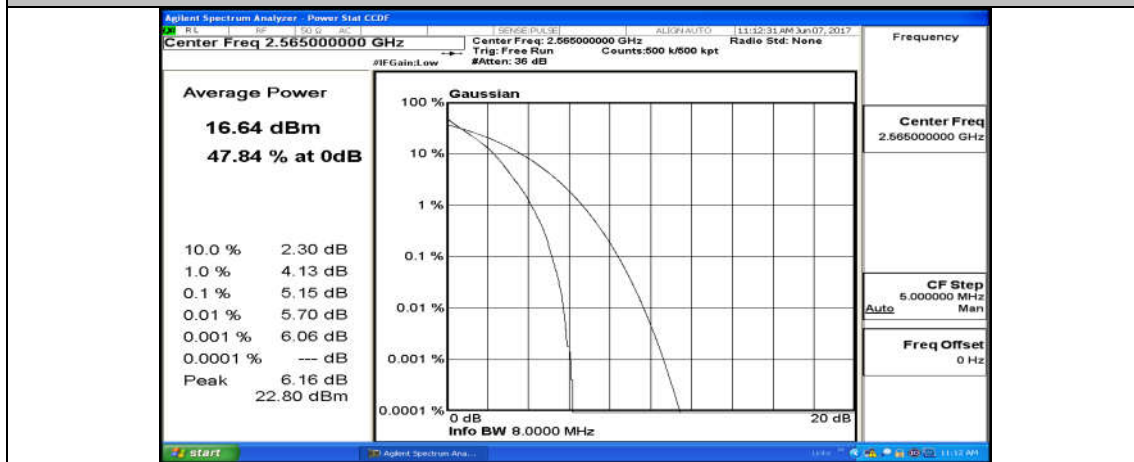
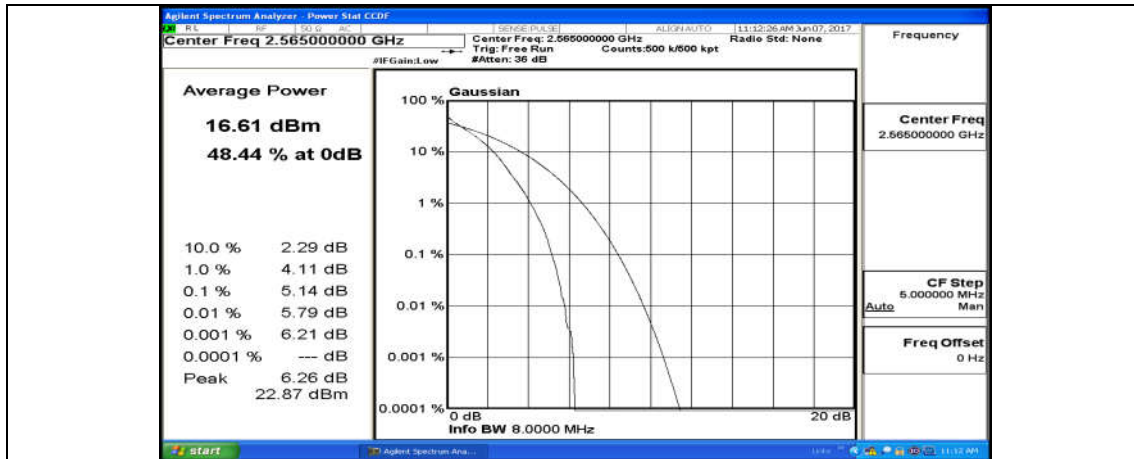
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

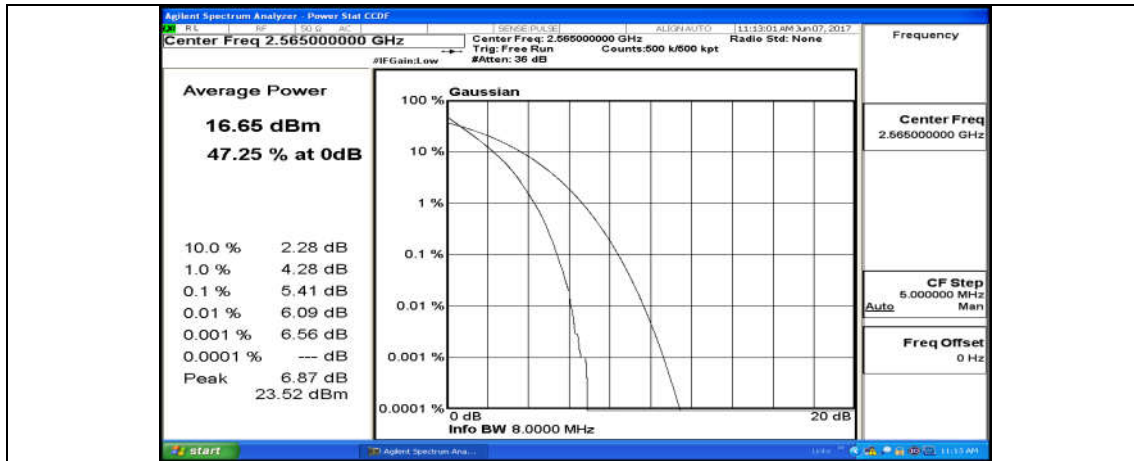


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

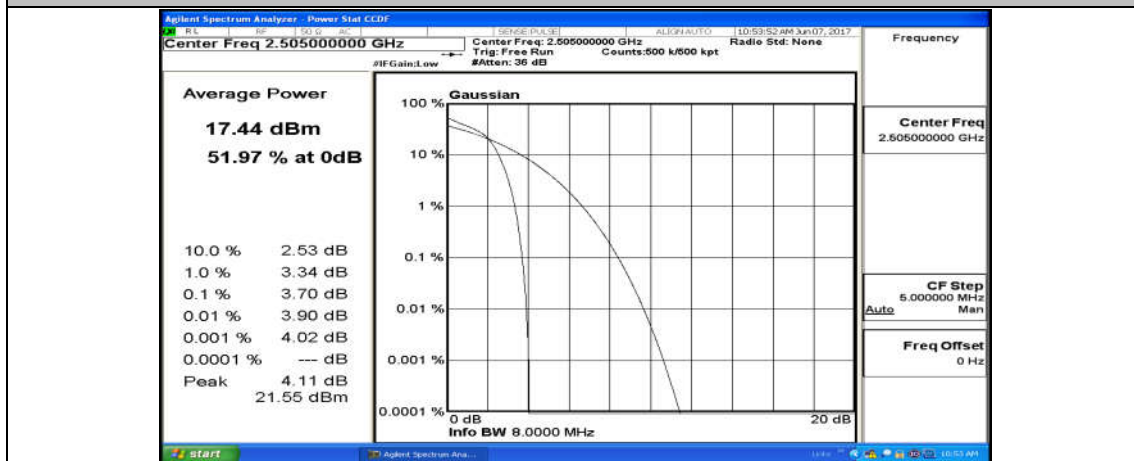


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

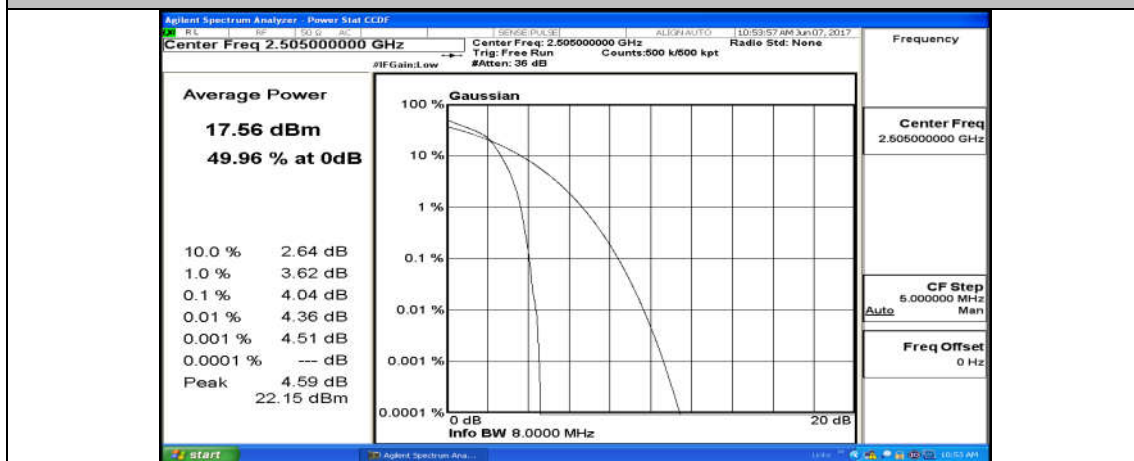




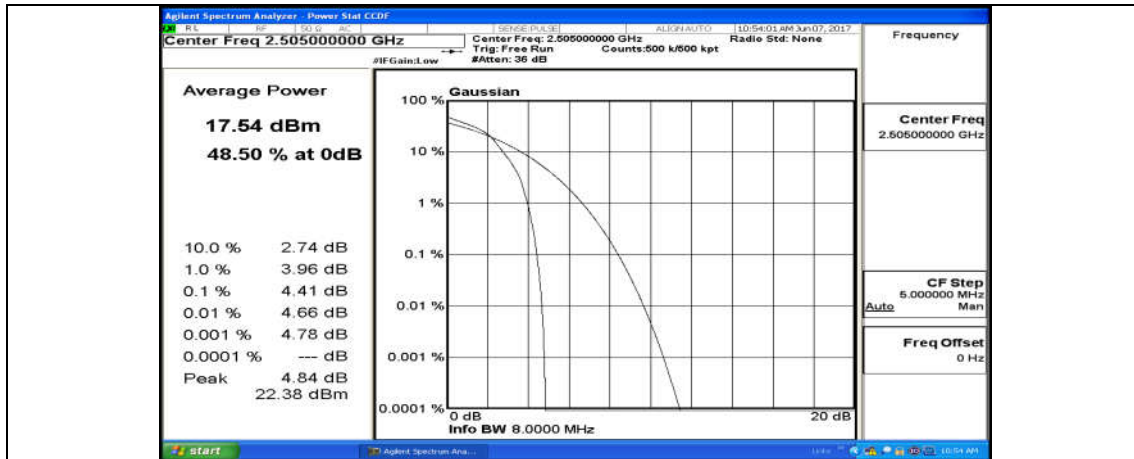
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



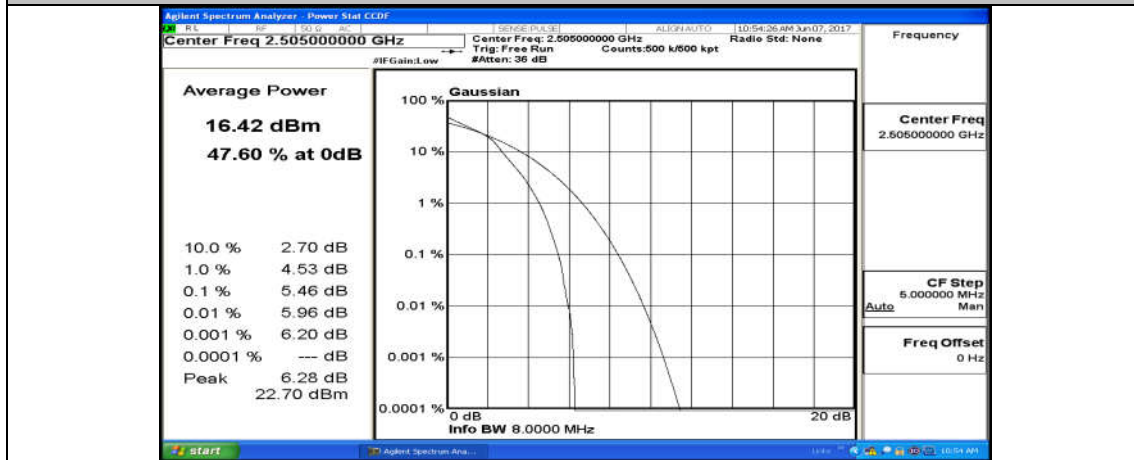
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



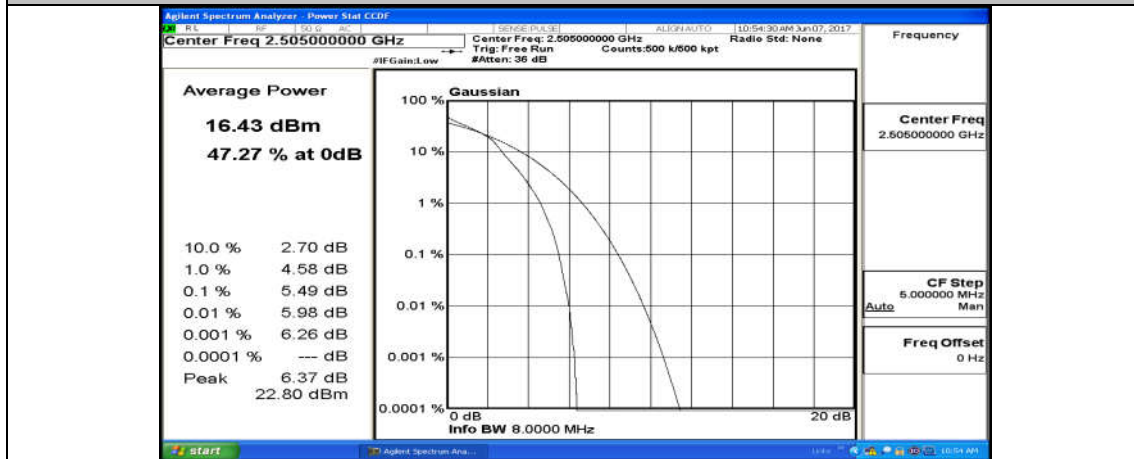
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



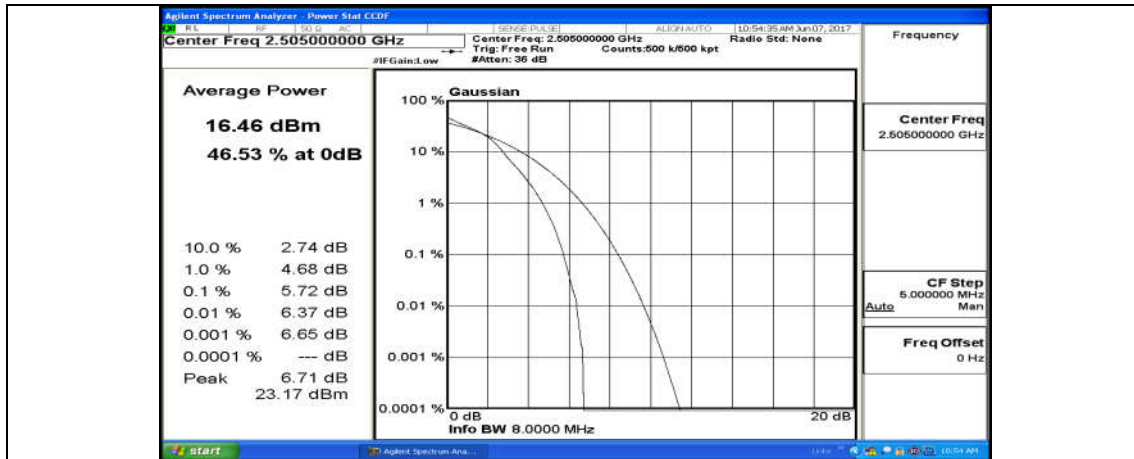
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



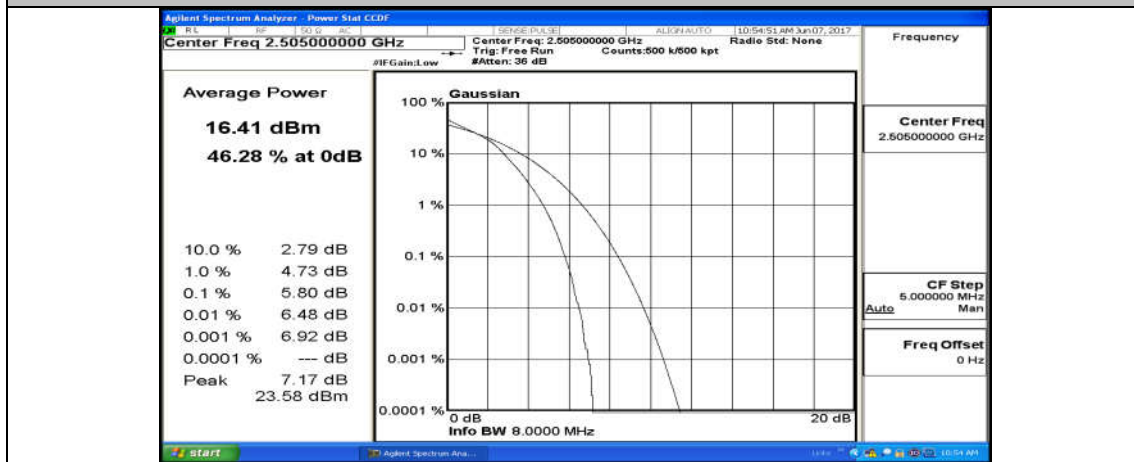
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



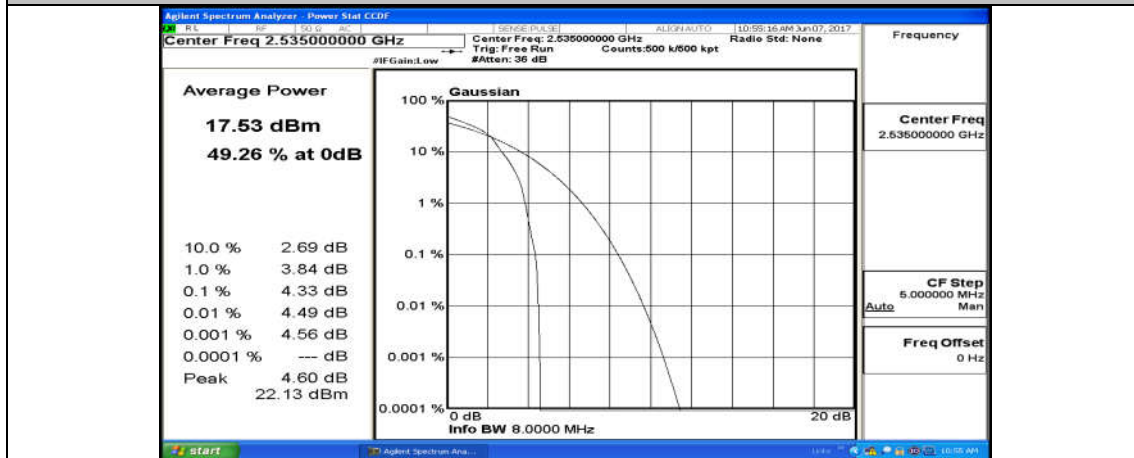
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



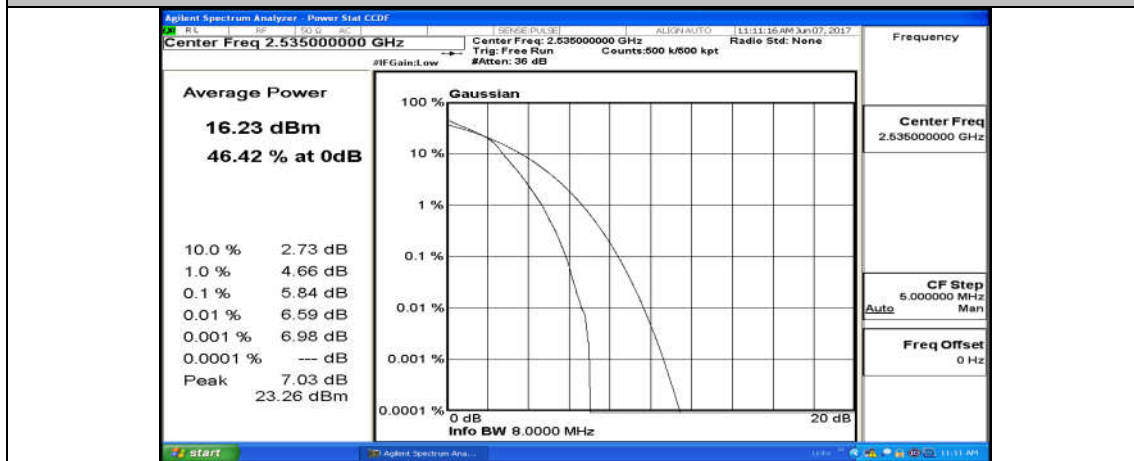
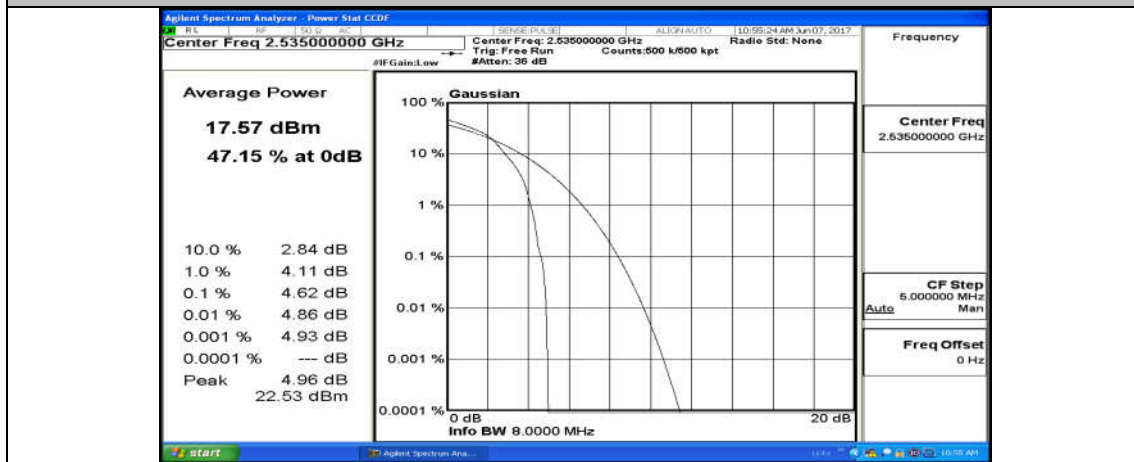
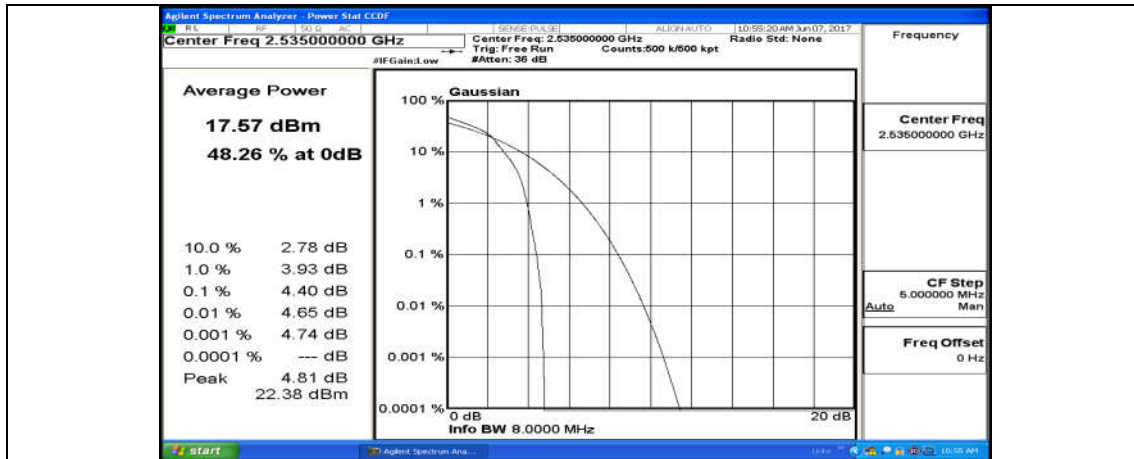
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

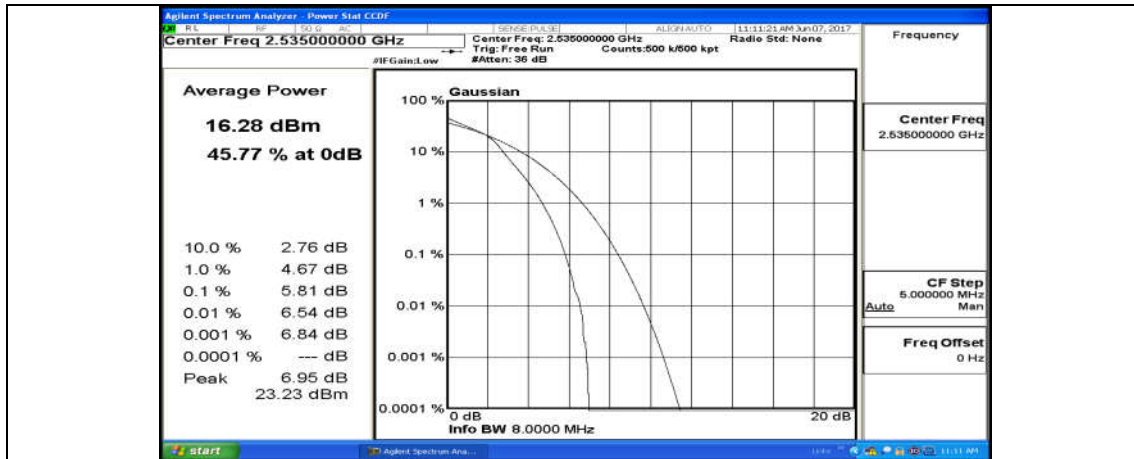


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

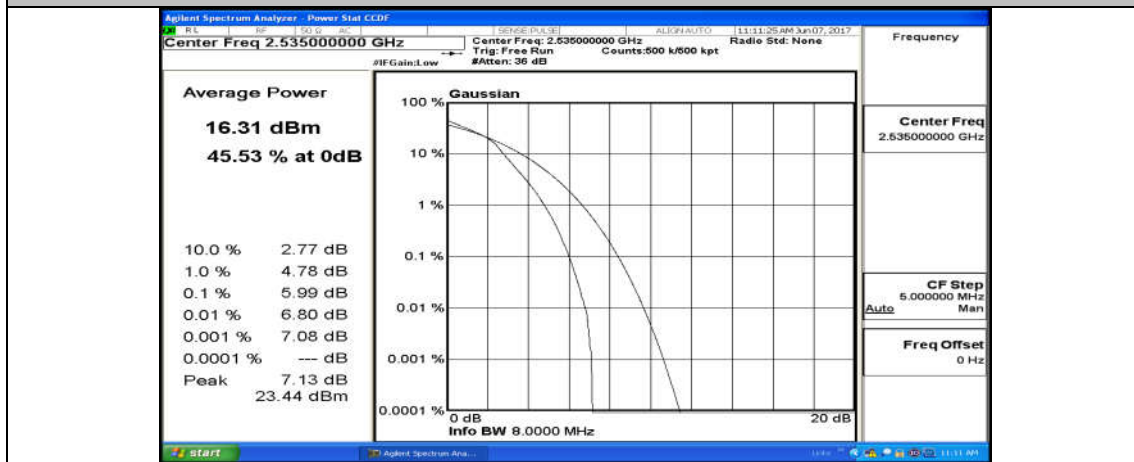


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

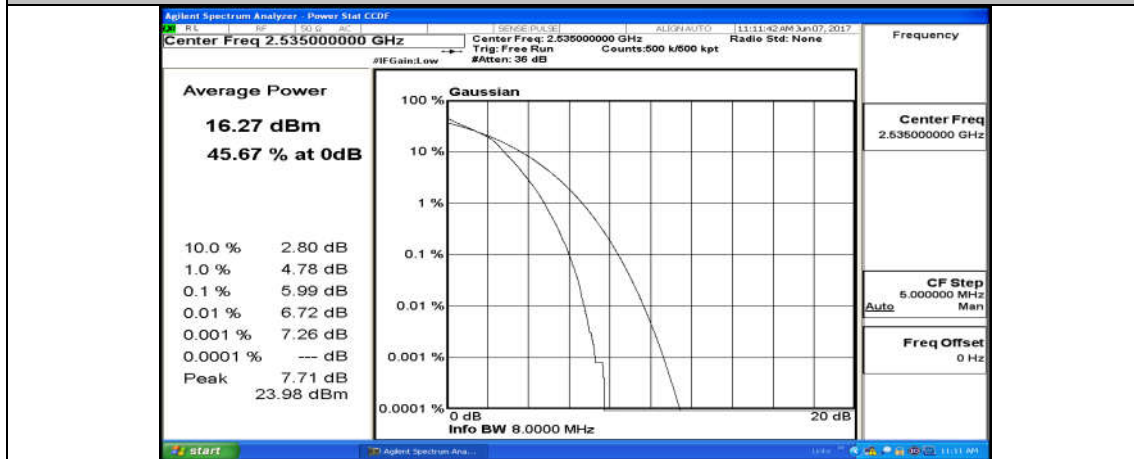




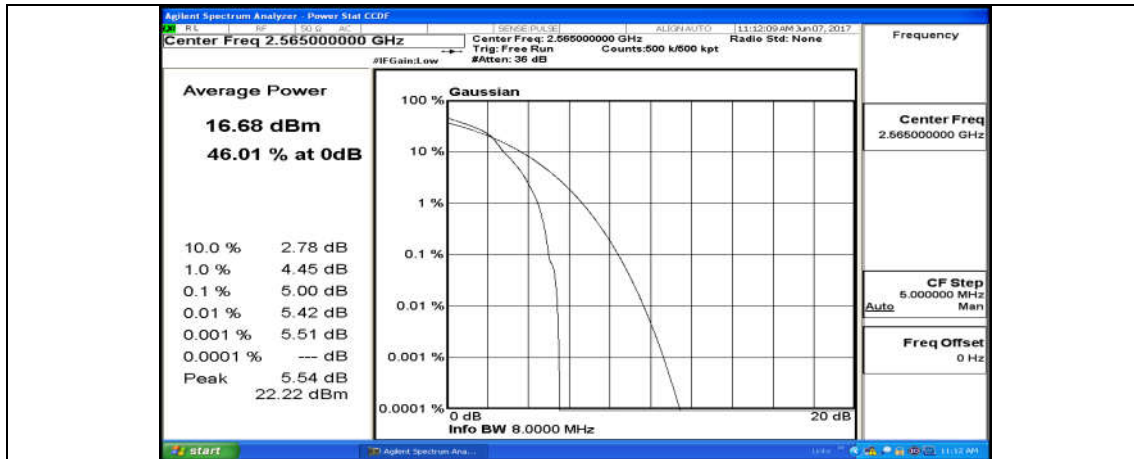
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



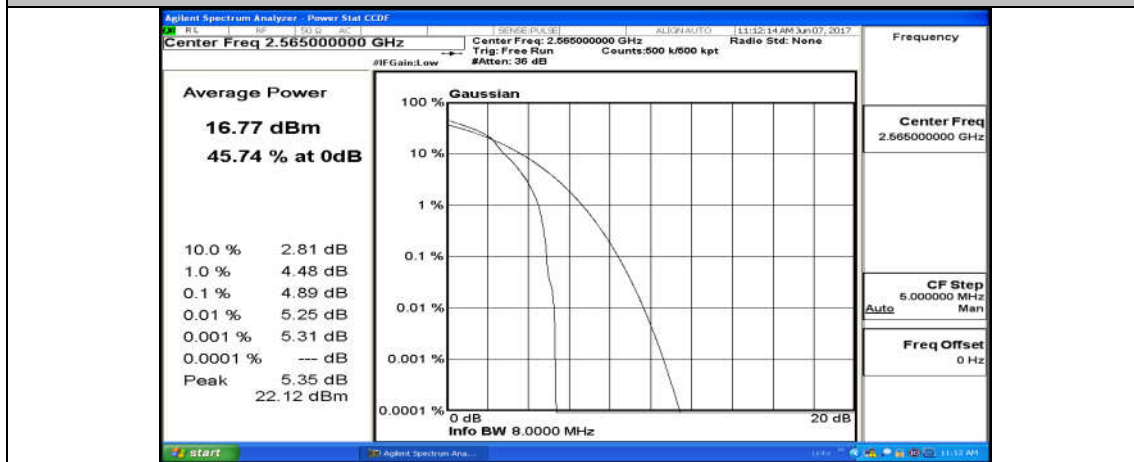
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



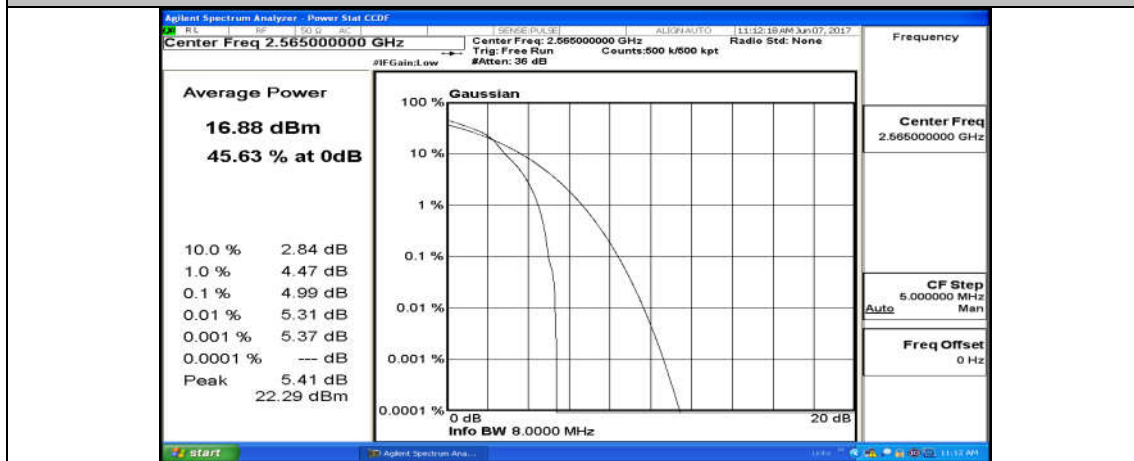
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

