

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.94	19.94	PASS
		1	12	21.50	19.50	PASS
		1	24	21.75	19.75	PASS
		12	0	20.45	18.45	PASS
		12	6	20.32	18.32	PASS
		12	13	20.44	18.44	PASS
		25	0	20.34	18.34	PASS
	MCH	1	0	22.96	20.96	PASS
		1	12	22.40	20.4	PASS
		1	24	22.91	20.91	PASS
		12	0	21.89	19.89	PASS
		12	6	21.65	19.65	PASS
		12	13	21.79	19.79	PASS
		25	0	21.76	19.76	PASS
16QAM	LCH	1	0	22.80	20.80	PASS
		1	12	22.26	20.26	PASS
		1	24	22.33	20.33	PASS
		12	0	21.91	19.91	PASS
		12	6	21.72	19.72	PASS
		12	13	21.63	19.63	PASS
		25	0	21.73	19.73	PASS
	MCH	1	0	20.91	18.91	PASS
		1	12	20.55	18.55	PASS
		1	24	20.90	18.9	PASS
		12	0	19.42	17.42	PASS
		12	6	19.33	17.33	PASS
		12	13	19.52	17.52	PASS
		25	0	19.33	17.33	PASS

		25	0	20.84	18.84	PASS
HCH		1	0	22.07	20.07	PASS
		1	12	21.65	19.65	PASS
		1	24	21.66	19.66	PASS
		12	0	21.12	19.12	PASS
		12	6	20.81	18.81	PASS
		12	13	20.75	18.75	PASS
		25	0	20.85	18.85	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.17	20.17	PASS
		1	24	22.36	20.36	PASS
		1	49	22.22	20.22	PASS
		25	0	21.94	19.94	PASS
		25	12	22.00	20.00	PASS
		25	25	22.02	20.02	PASS
		50	0	22.01	20.01	PASS
	MCH	1	0	22.69	20.69	PASS
		1	24	22.83	20.83	PASS
		1	49	22.91	20.91	PASS
		25	0	22.38	20.38	PASS
		25	12	22.37	20.37	PASS
		25	25	22.50	20.50	PASS
		50	0	22.43	20.43	PASS
	HCH	1	0	22.40	20.4	PASS
		1	24	22.19	20.19	PASS
		1	49	21.62	19.62	PASS
		25	0	22.06	20.06	PASS
		25	12	21.80	19.80	PASS
		25	25	21.53	19.53	PASS
		50	0	21.81	19.81	PASS
16QAM	LCH	1	0	21.57	19.57	PASS
		1	24	21.86	19.86	PASS
		1	49	21.75	19.75	PASS
		25	0	20.97	18.97	PASS
		25	12	21.07	19.07	PASS
		25	25	21.11	19.11	PASS
		50	0	21.08	19.08	PASS

MCH	MCH	1	0	22.16	20.16	PASS
		1	24	22.20	20.20	PASS
		1	49	22.44	20.44	PASS
		25	0	21.41	19.41	PASS
		25	12	21.41	19.41	PASS
		25	25	21.55	19.55	PASS
		50	0	21.49	19.49	PASS
	HCH	1	0	21.87	19.87	PASS
		1	24	21.69	19.69	PASS
		1	49	21.11	19.11	PASS
		25	0	21.27	19.27	PASS
		25	12	20.93	18.93	PASS
		25	25	20.60	18.60	PASS
		50	0	20.98	18.98	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.20	20.20	PASS
		1	37	22.25	20.25	PASS
		1	74	22.10	20.10	PASS
		37	0	21.75	19.75	PASS
		37	18	21.83	19.83	PASS
		37	38	21.89	19.89	PASS
		75	0	21.85	19.85	PASS
	MCH	1	0	22.55	20.55	PASS
		1	37	22.49	20.49	PASS
		1	74	22.88	20.88	PASS
		37	0	22.09	20.09	PASS
		37	18	22.06	20.06	PASS
		37	38	22.27	20.27	PASS
		75	0	22.18	20.18	PASS
	HCH	1	0	22.36	20.36	PASS
		1	37	21.78	19.78	PASS
		1	74	21.03	19.03	PASS
		37	0	21.88	19.88	PASS
		37	18	21.45	19.45	PASS
		37	38	20.77	18.77	PASS
		75	0	21.46	19.46	PASS
16QAM	LCH	1	0	21.57	19.57	PASS

	MCH	1	37	21.69	19.69	PASS
		1	74	21.69	19.69	PASS
		37	0	20.81	18.81	PASS
		37	18	20.94	18.94	PASS
		37	38	21.03	19.03	PASS
		75	0	20.93	18.93	PASS
	HCH	1	0	22.06	20.06	PASS
		1	37	21.91	19.91	PASS
		1	74	22.39	20.39	PASS
		37	0	21.12	19.12	PASS
		37	18	21.10	19.10	PASS
		37	38	21.36	19.36	PASS
		75	0	21.22	19.22	PASS
	HCH	1	0	21.92	19.92	PASS
		1	37	21.20	19.20	PASS
		1	74	20.41	18.41	PASS
		37	0	21.01	19.01	PASS
		37	18	20.51	18.51	PASS
		37	38	19.83	17.83	PASS
		75	0	20.53	18.53	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.35	20.35	PASS
		1	49	22.47	20.47	PASS
		1	99	22.15	20.15	PASS
		50	0	21.94	19.94	PASS
		50	25	22.03	20.03	PASS
		50	50	21.99	19.99	PASS
		100	0	21.99	19.99	PASS
	MCH	1	0	22.62	20.62	PASS
		1	49	22.53	20.53	PASS
		1	99	22.96	20.96	PASS
		50	0	22.02	20.02	PASS
		50	25	21.96	19.96	PASS
		50	50	22.26	20.26	PASS
		100	0	22.15	20.15	PASS
	HCH	1	0	22.66	20.66	PASS
		1	49	22.12	20.12	PASS

		1	99	20.98	18.98	PASS
		50	0	22.19	20.19	PASS
		50	25	21.80	19.8	PASS
		50	50	21.02	19.02	PASS
		100	0	21.73	19.73	PASS
16QAM	LCH	1	0	21.72	19.72	PASS
		1	49	21.86	19.86	PASS
		1	99	21.55	19.55	PASS
		50	0	20.99	18.99	PASS
		50	25	21.13	19.13	PASS
		50	50	21.17	19.17	PASS
		100	0	21.08	19.08	PASS
	MCH	1	0	21.95	19.95	PASS
		1	49	21.76	19.76	PASS
		1	99	22.38	20.38	PASS
		50	0	21.03	19.03	PASS
		50	25	20.99	18.99	PASS
		50	50	21.31	19.31	PASS
		100	0	21.18	19.18	PASS
	HCH	1	0	22.08	20.08	PASS
		1	49	21.56	19.56	PASS
		1	99	20.32	18.32	PASS
		50	0	21.36	19.36	PASS
		50	25	20.93	18.93	PASS
		50	50	20.14	18.14	PASS
		100	0	20.87	18.87	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.21	<13	PASS
		1	12	2.61	<13	PASS
		1	24	2.32	<13	PASS
		12	0	3.38	<13	PASS
		12	6	3.5	<13	PASS
		12	13	3.42	<13	PASS
		25	0	3.4	<13	PASS
	MCH	1	0	2.24	<13	PASS
		1	12	2.78	<13	PASS
		1	24	2.36	<13	PASS
		12	0	3.44	<13	PASS
		12	6	3.65	<13	PASS
		12	13	3.56	<13	PASS
		25	0	3.52	<13	PASS
16QAM	LCH	1	0	1.79	<13	PASS
		1	12	2.4	<13	PASS
		1	24	2.51	<13	PASS
		12	0	2.95	<13	PASS
		12	6	3.32	<13	PASS
		12	13	3.43	<13	PASS
		25	0	3.24	<13	PASS
	MCH	1	0	3.03	<13	PASS
		1	12	3.43	<13	PASS
		1	24	3.07	<13	PASS
		12	0	4.24	<13	PASS
		12	6	4.35	<13	PASS
		12	13	4.26	<13	PASS
		25	0	4.32	<13	PASS

		12	6	4.5	<13	PASS
		12	13	4.43	<13	PASS
		25	0	4.44	<13	PASS
HCH	HCH	1	0	2.65	<13	PASS
		1	12	3.24	<13	PASS
		1	24	3.29	<13	PASS
		12	0	3.72	<13	PASS
		12	6	4.1	<13	PASS
		12	13	4.24	<13	PASS
		25	0	4.09	<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	2.27	<13	PASS
		1	24	2.15	<13	PASS
		1	49	1.99	<13	PASS
		25	0	2.95	<13	PASS
		25	12	2.87	<13	PASS
		25	25	2.7	<13	PASS
		50	0	2.8	<13	PASS
	MCH	1	0	2.09	<13	PASS
		1	24	2.31	<13	PASS
		1	49	2.27	<13	PASS
		25	0	2.93	<13	PASS
		25	12	3.15	<13	PASS
		25	25	3.09	<13	PASS
		50	0	3.06	<13	PASS
	HCH	1	0	1.37	<13	PASS
		1	24	2.07	<13	PASS
		1	49	2.9	<13	PASS
		25	0	2.25	<13	PASS
		25	12	2.82	<13	PASS
		25	25	3.39	<13	PASS
		50	0	2.97	<13	PASS
16QAM	LCH	1	0	3.06	<13	PASS
		1	24	2.83	<13	PASS
		1	49	2.61	<13	PASS
		25	0	3.9	<13	PASS
		25	12	3.79	<13	PASS

		25	25	3.58	<13	PASS
		50	0	3.75	<13	PASS
	MCH	1	0	2.83	<13	PASS
		1	24	3.16	<13	PASS
		1	49	3.01	<13	PASS
		25	0	3.83	<13	PASS
		25	12	4.05	<13	PASS
	HCH	25	25	3.99	<13	PASS
		50	0	4	<13	PASS
		1	0	2.15	<13	PASS
		1	24	2.75	<13	PASS
		1	49	3.67	<13	PASS
		25	0	3.02	<13	PASS
		25	12	3.59	<13	PASS
		25	25	4.25	<13	PASS
		50	0	3.76	<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	2.29	<13	PASS
		1	37	2.1	<13	PASS
		1	74	1.68	<13	PASS
		37	0	3.09	<13	PASS
		37	18	2.86	<13	PASS
		37	38	2.45	<13	PASS
		75	0	3.26	<13	PASS
	MCH	1	0	1.98	<13	PASS
		1	37	2.5	<13	PASS
		1	74	2.19	<13	PASS
		37	0	3.09	<13	PASS
		37	18	3.37	<13	PASS
		37	38	3.25	<13	PASS
		75	0	3.65	<13	PASS
	HCH	1	0	1.32	<13	PASS
		1	37	2.06	<13	PASS
		1	74	3.35	<13	PASS
		37	0	2.12	<13	PASS
		37	18	2.81	<13	PASS
		37	38	3.88	<13	PASS

		75	0	3.56	<13	PASS
16QAM	LCH	1	0	3.11	<13	PASS
		1	37	2.85	<13	PASS
		1	74	2.29	<13	PASS
		37	0	4.01	<13	PASS
		37	18	3.75	<13	PASS
		37	38	3.33	<13	PASS
		75	0	4.1	<13	PASS
16QAM	MCH	1	0	2.7	<13	PASS
		1	37	3.35	<13	PASS
		1	74	2.89	<13	PASS
		37	0	4.03	<13	PASS
		37	18	4.3	<13	PASS
		37	38	4.12	<13	PASS
		75	0	4.51	<13	PASS
16QAM	HCH	1	0	2.04	<13	PASS
		1	37	2.91	<13	PASS
		1	74	4.13	<13	PASS
		37	0	2.9	<13	PASS
		37	18	3.64	<13	PASS
		37	38	4.74	<13	PASS
		75	0	4.29	<13	PASS

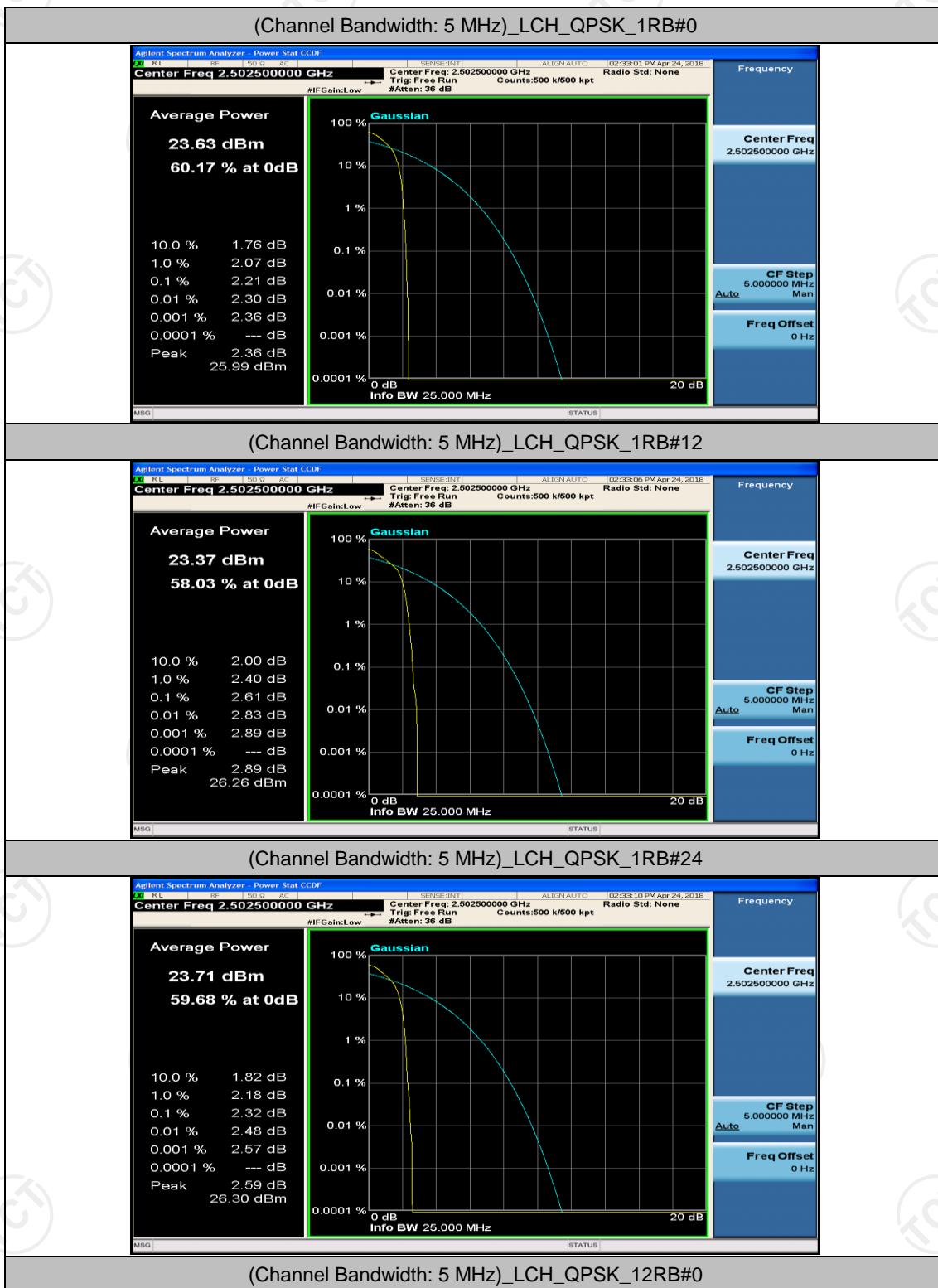
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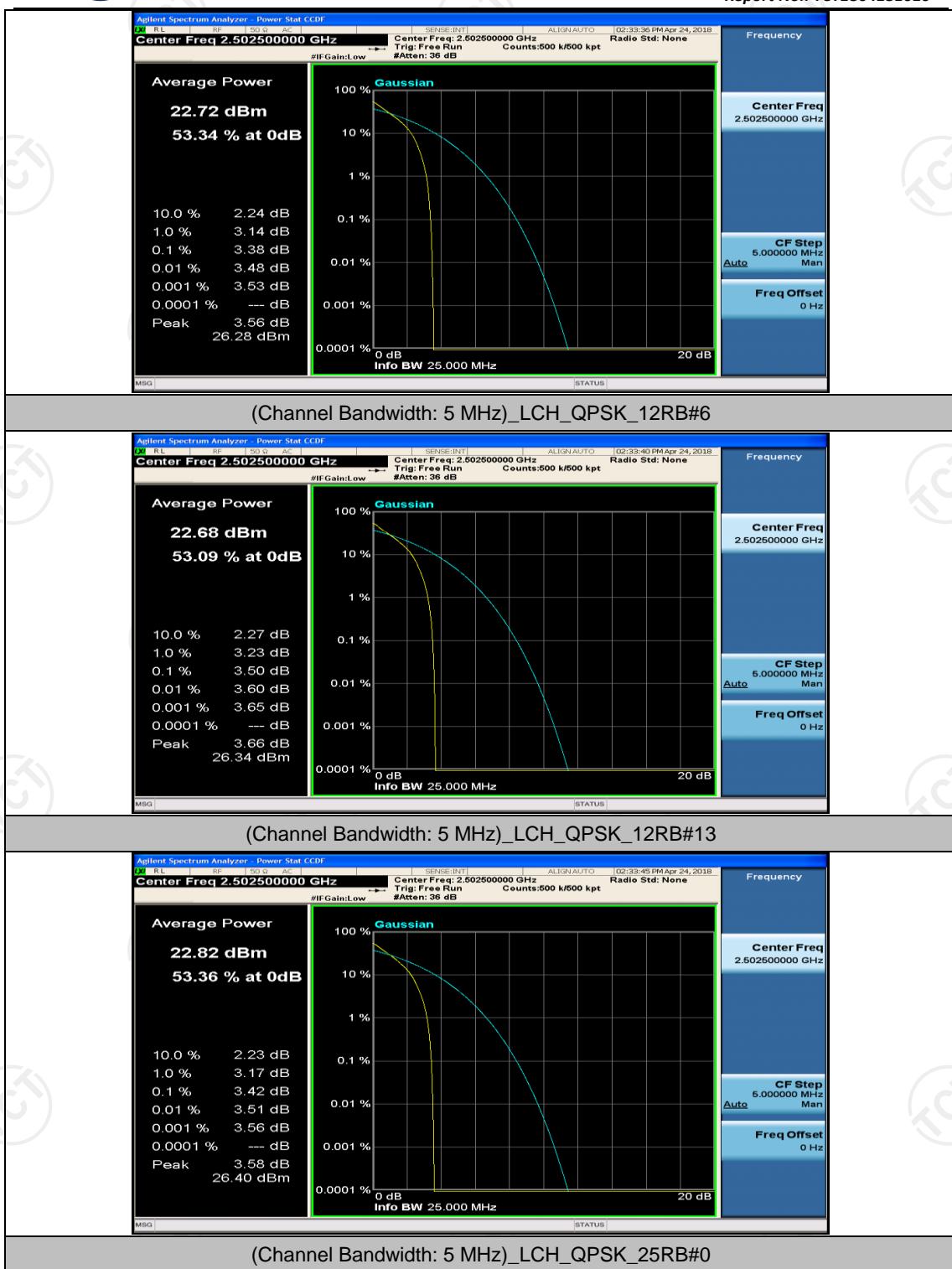
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Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.28	<13	PASS
		1	49	1.82	<13	PASS
		1	99	1.66	<13	PASS
		50	0	3.01	<13	PASS
		50	25	2.51	<13	PASS
		50	50	2.45	<13	PASS
		100	0	3.55	<13	PASS
QPSK	MCH	1	0	1.84	<13	PASS
		1	49	2.66	<13	PASS
		1	99	1.96	<13	PASS
		50	0	3.21	<13	PASS
		50	25	3.5	<13	PASS
		50	50	3.47	<13	PASS
		100	0	3.94	<13	PASS

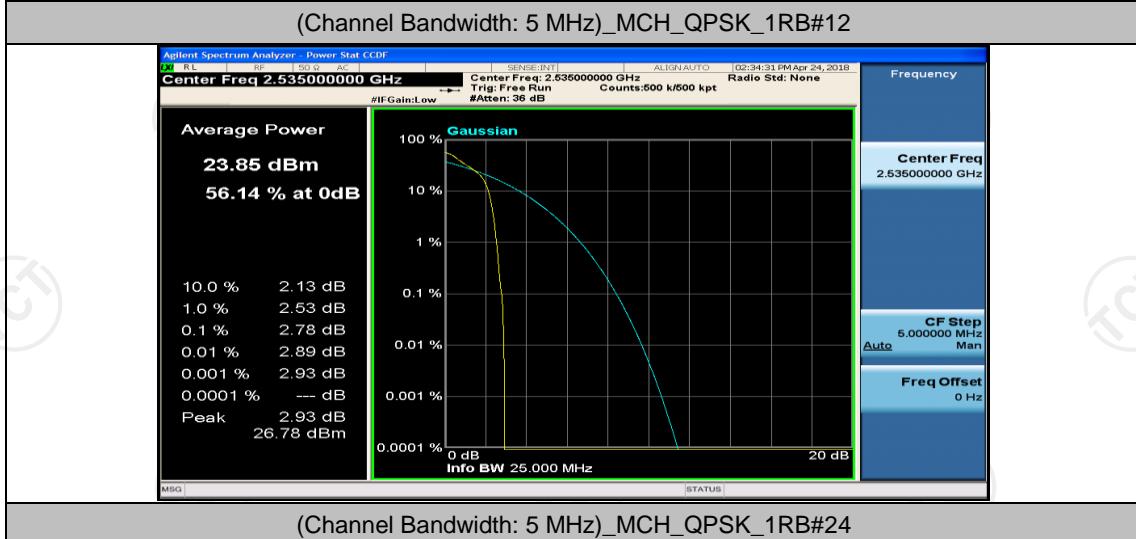
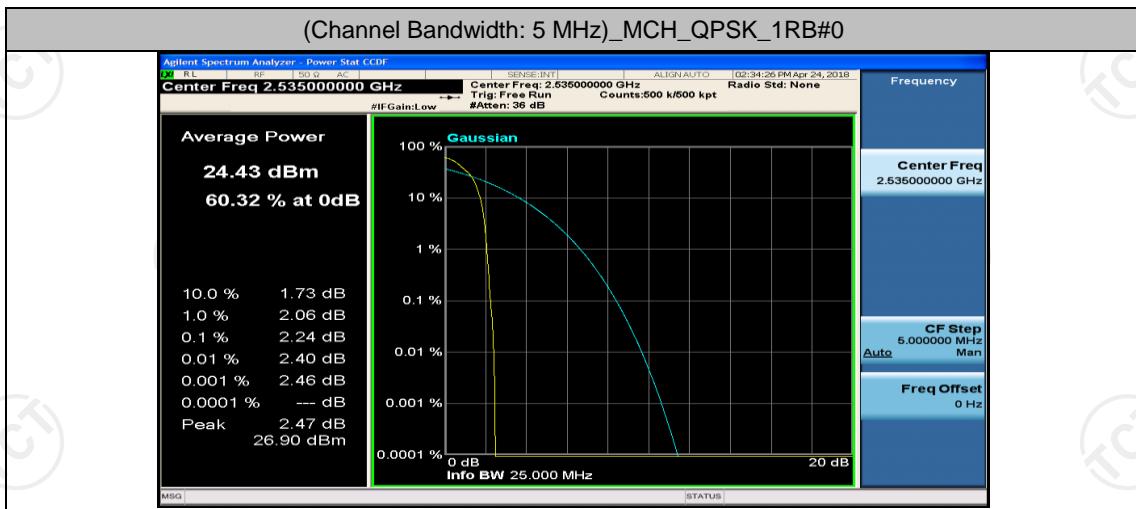
	HCH	1	0	1.43	<13	PASS
		1	49	1.7	<13	PASS
		1	99	3.31	<13	PASS
		50	0	2.24	<13	PASS
		50	25	2.42	<13	PASS
		50	50	3.71	<13	PASS
		100	0	3.66	<13	PASS
16QAM	LCH	1	0	2.87	<13	PASS
		1	49	2.38	<13	PASS
		1	99	2.3	<13	PASS
		50	0	3.9	<13	PASS
		50	25	3.37	<13	PASS
		50	50	3.21	<13	PASS
		100	0	4.27	<13	PASS
	MCH	1	0	2.57	<13	PASS
		1	49	3.31	<13	PASS
		1	99	2.69	<13	PASS
		50	0	4.12	<13	PASS
		50	25	4.42	<13	PASS
		50	50	4.32	<13	PASS
		100	0	4.76	<13	PASS
	HCH	1	0	2.08	<13	PASS
		1	49	2.18	<13	PASS
		1	99	4.07	<13	PASS
		50	0	2.93	<13	PASS
		50	25	3.17	<13	PASS
		50	50	4.51	<13	PASS
		100	0	4.34	<13	PASS

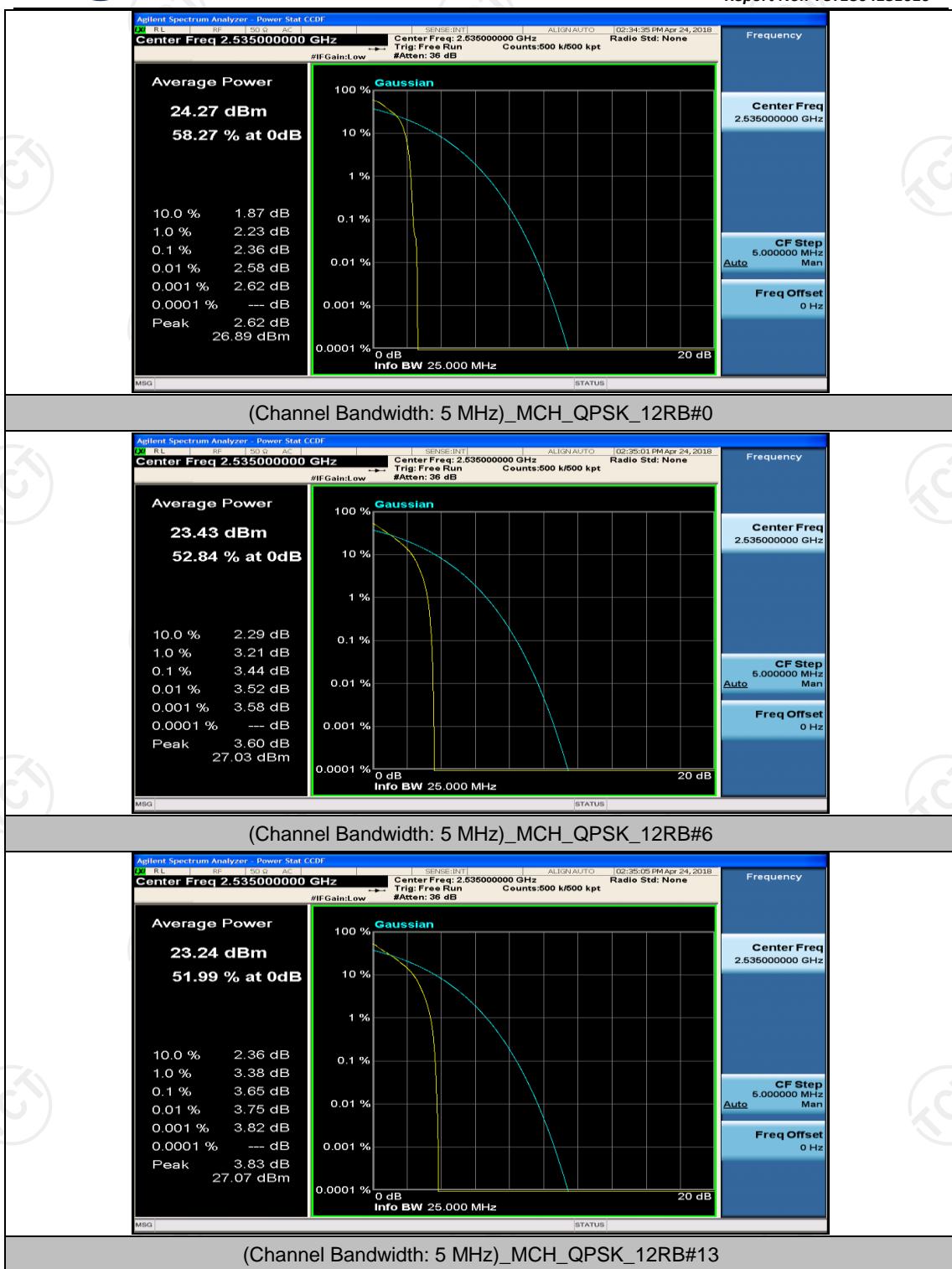
Test Graphs

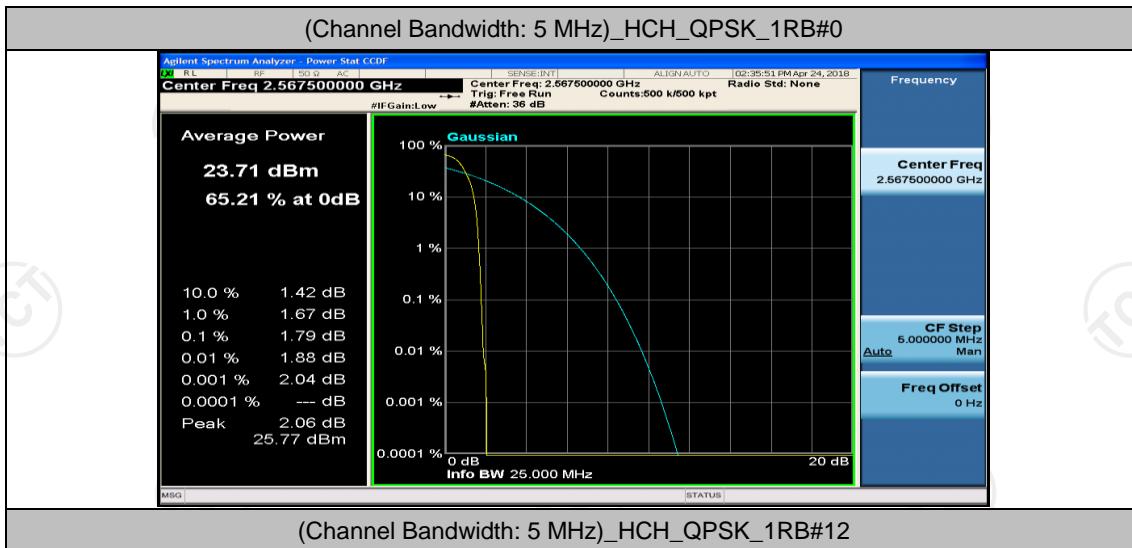
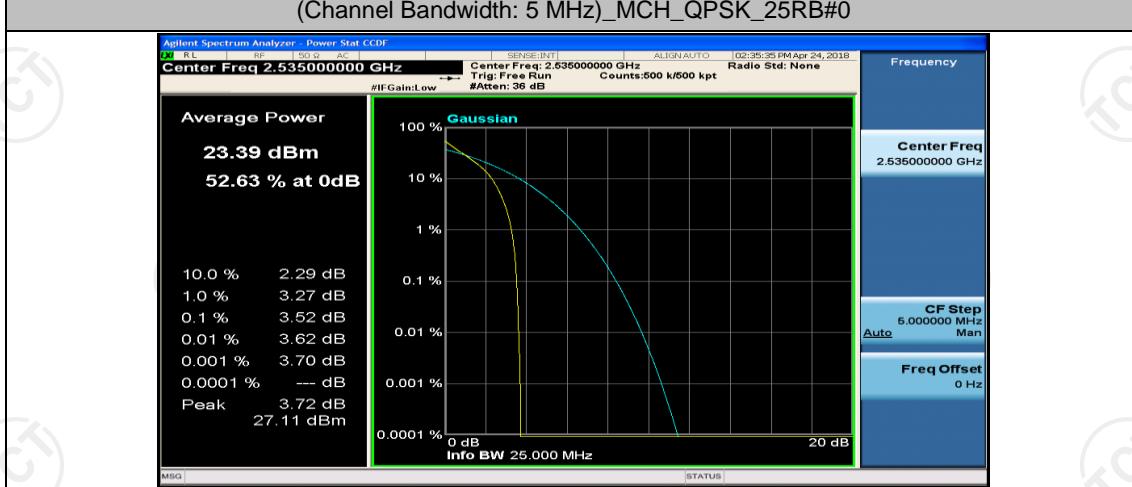
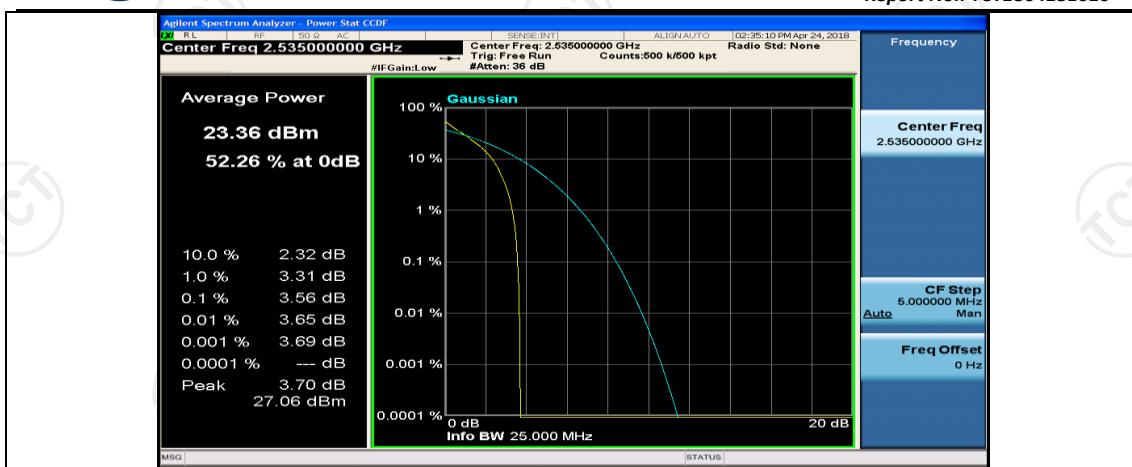
Channel Bandwidth: 5 MHz

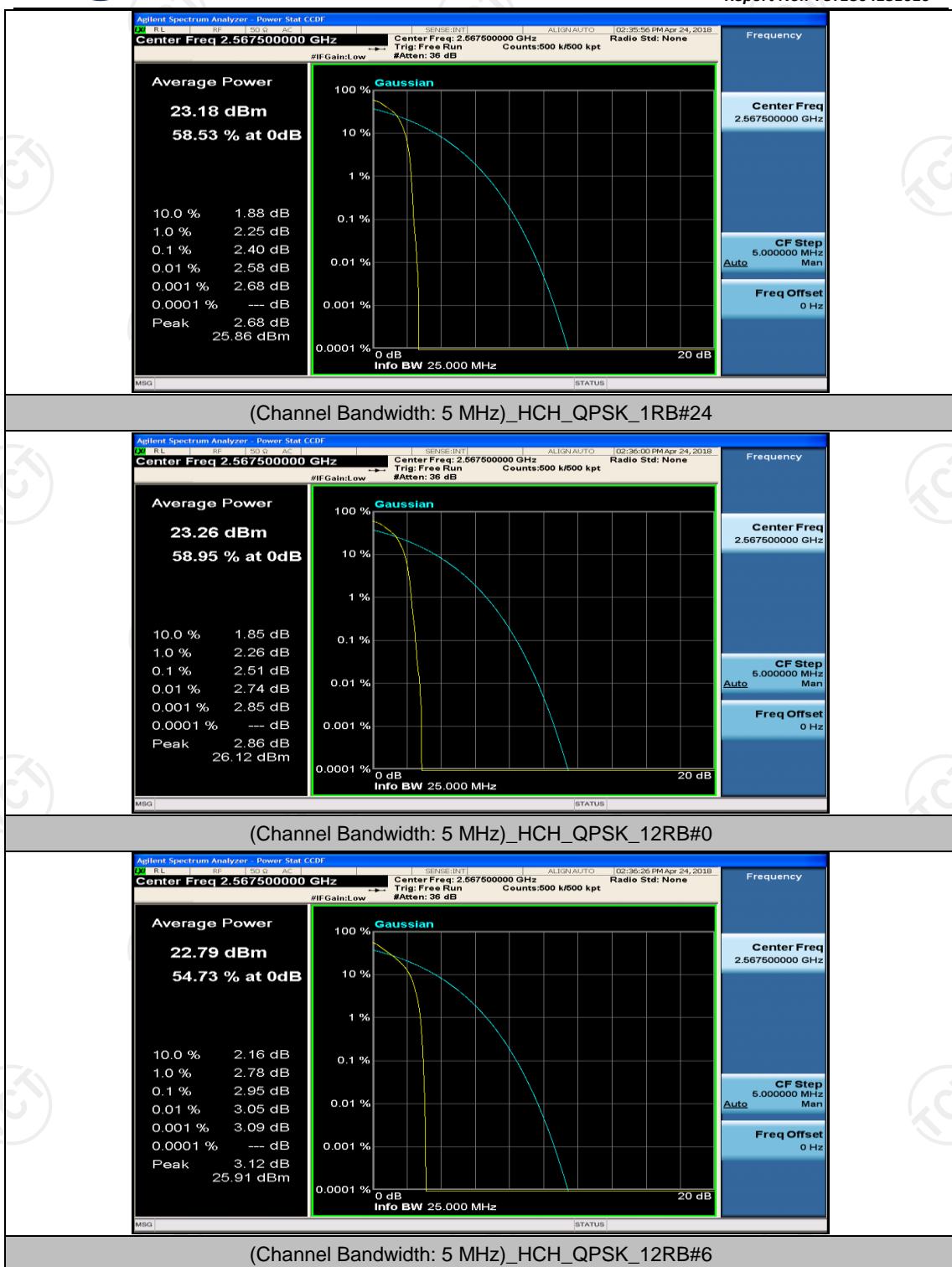






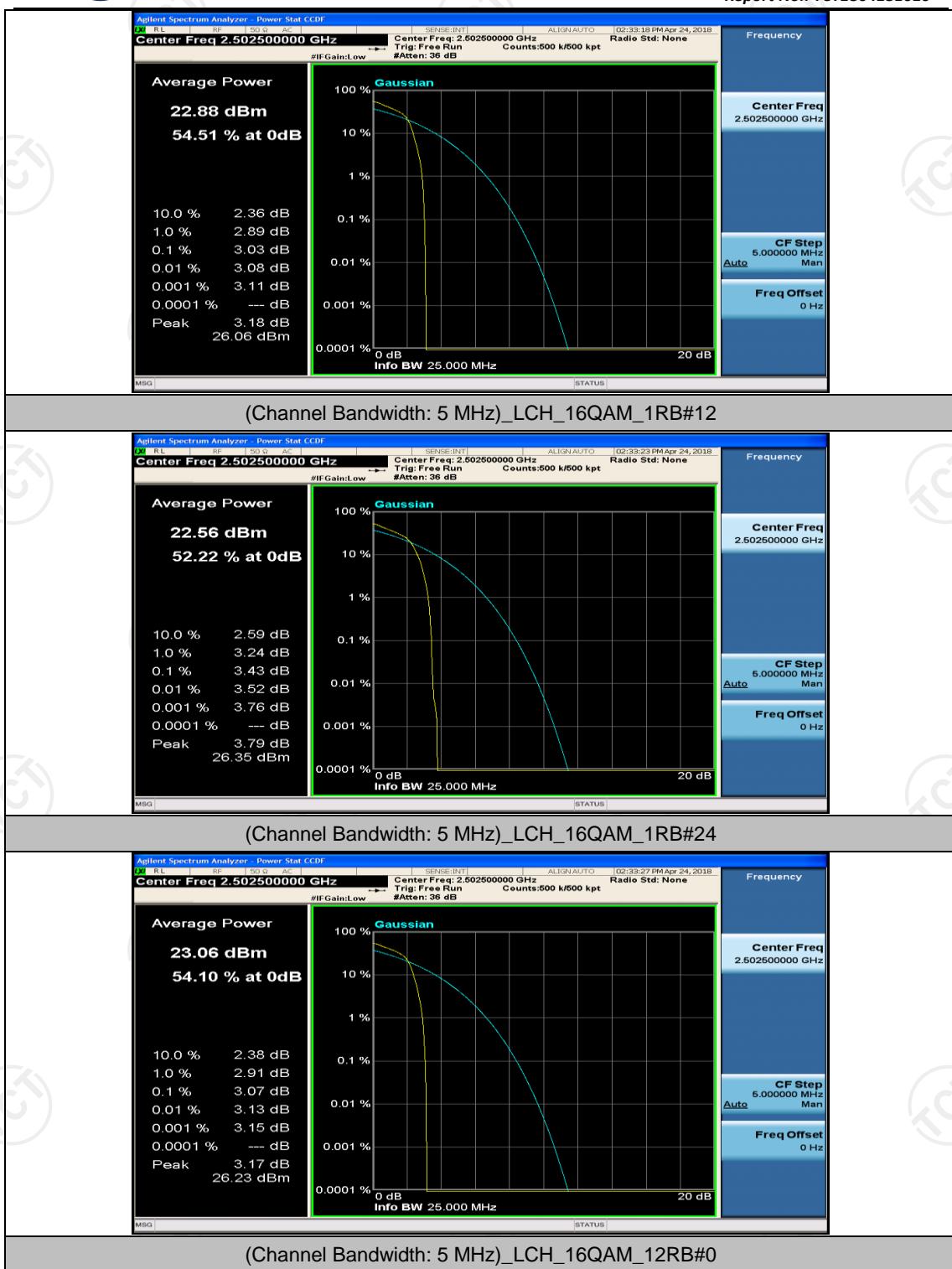


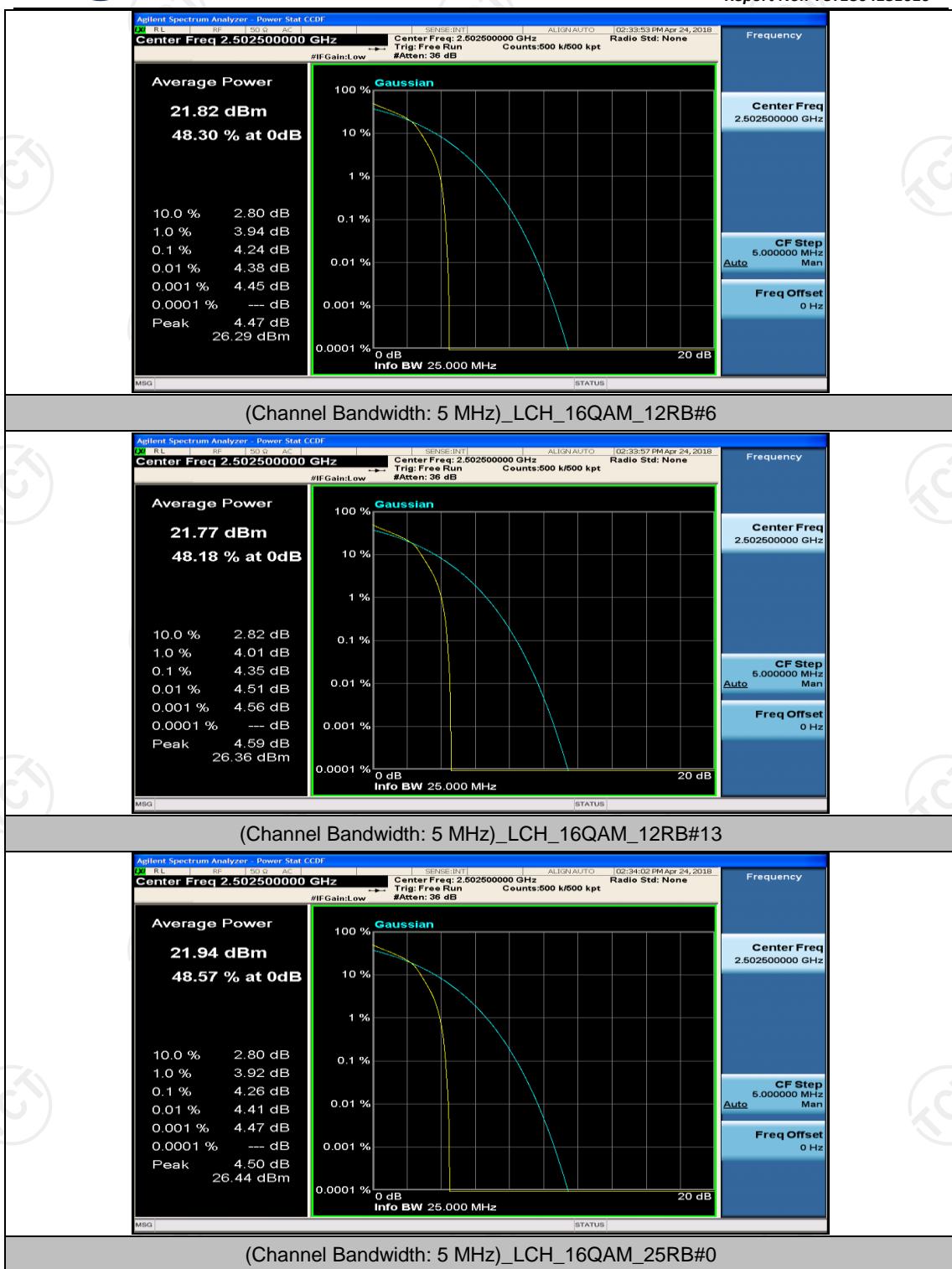


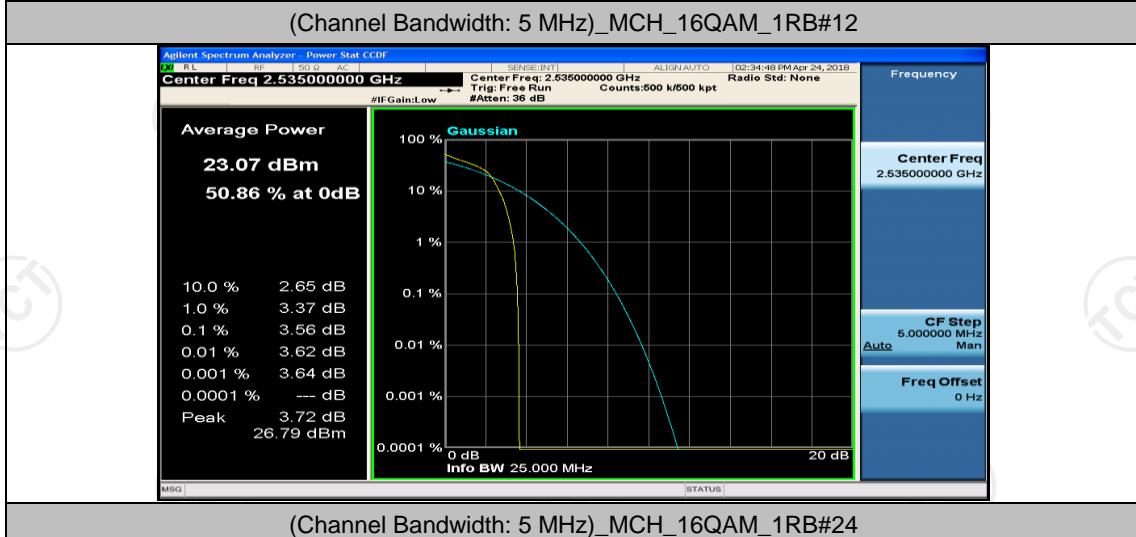
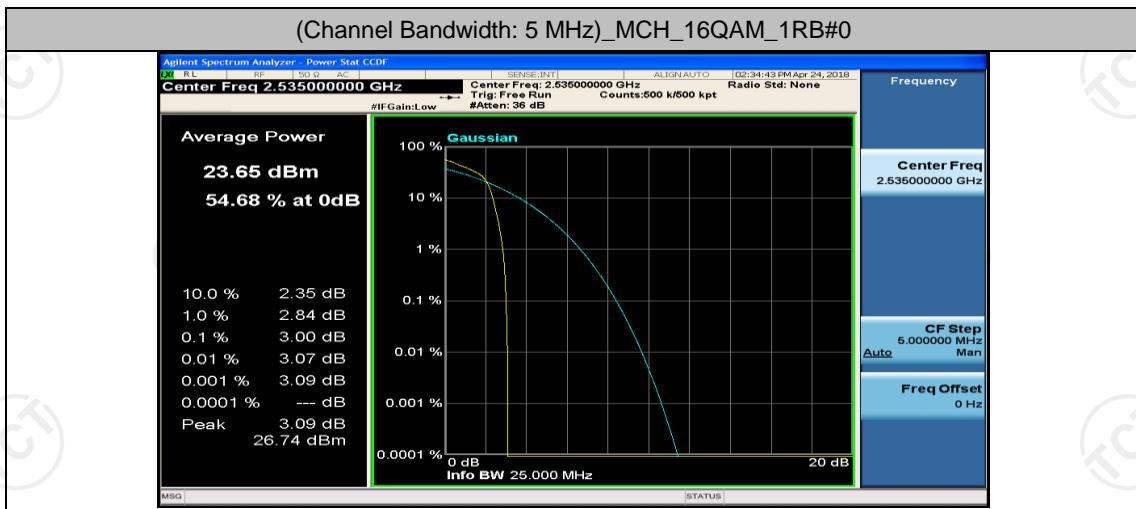
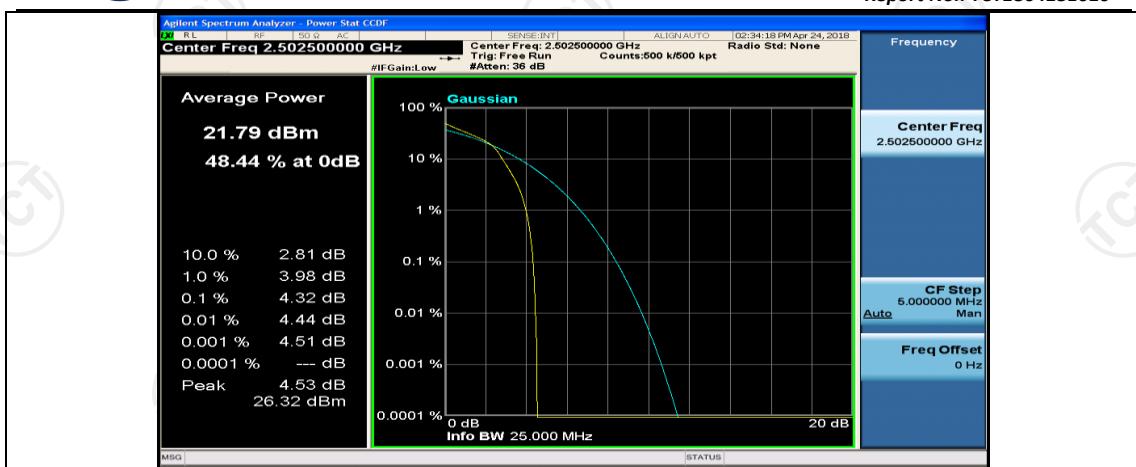


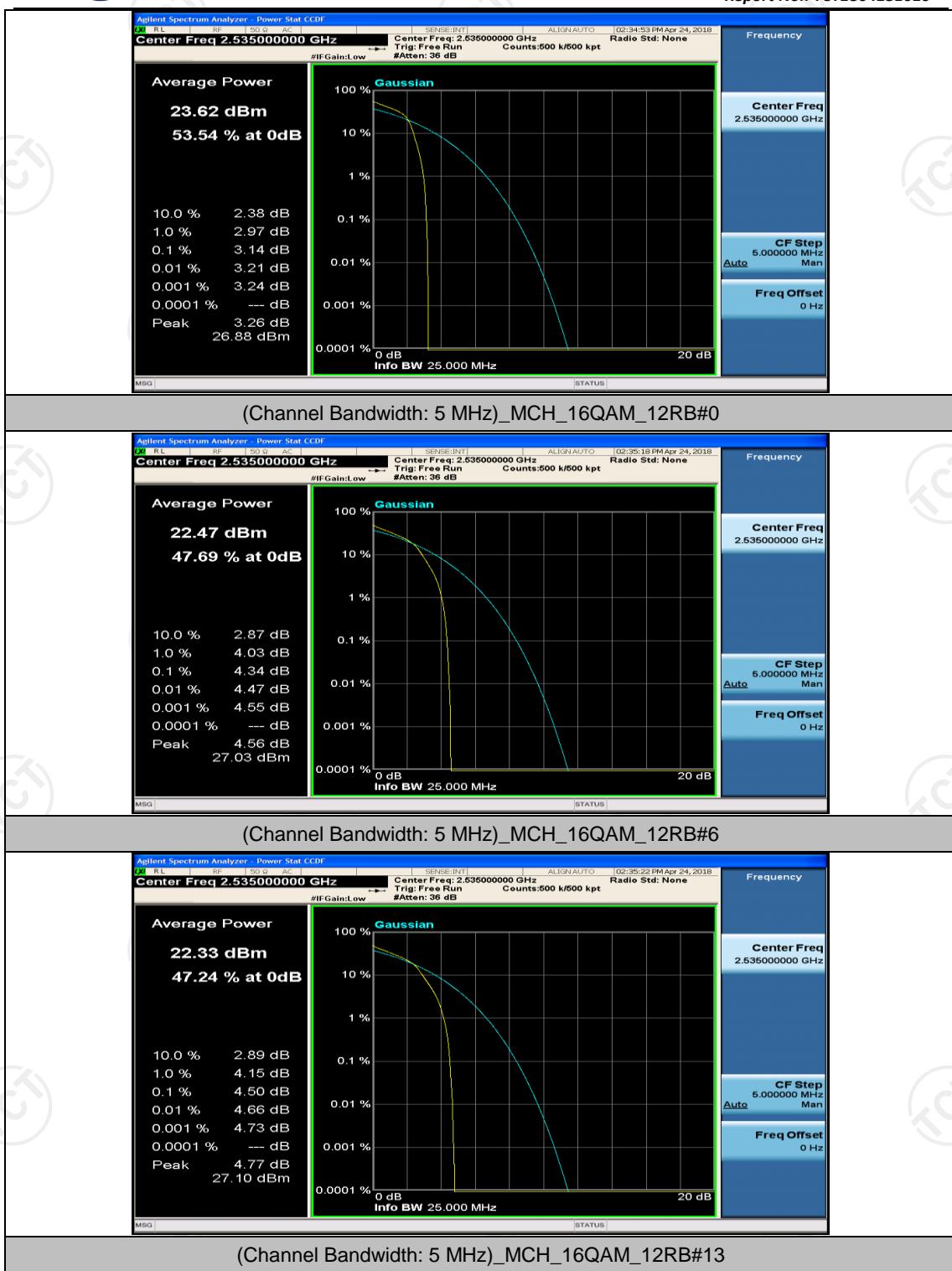


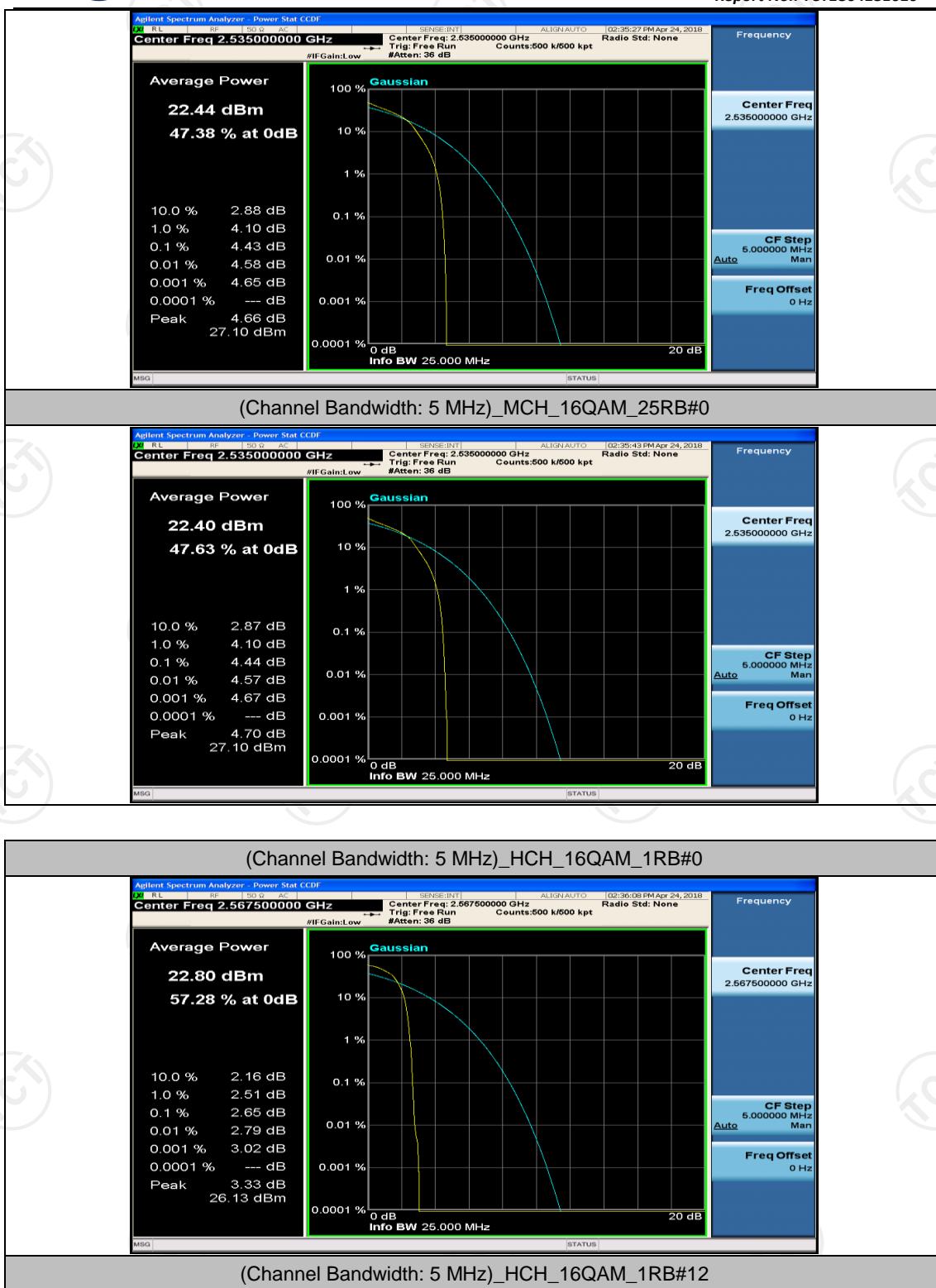
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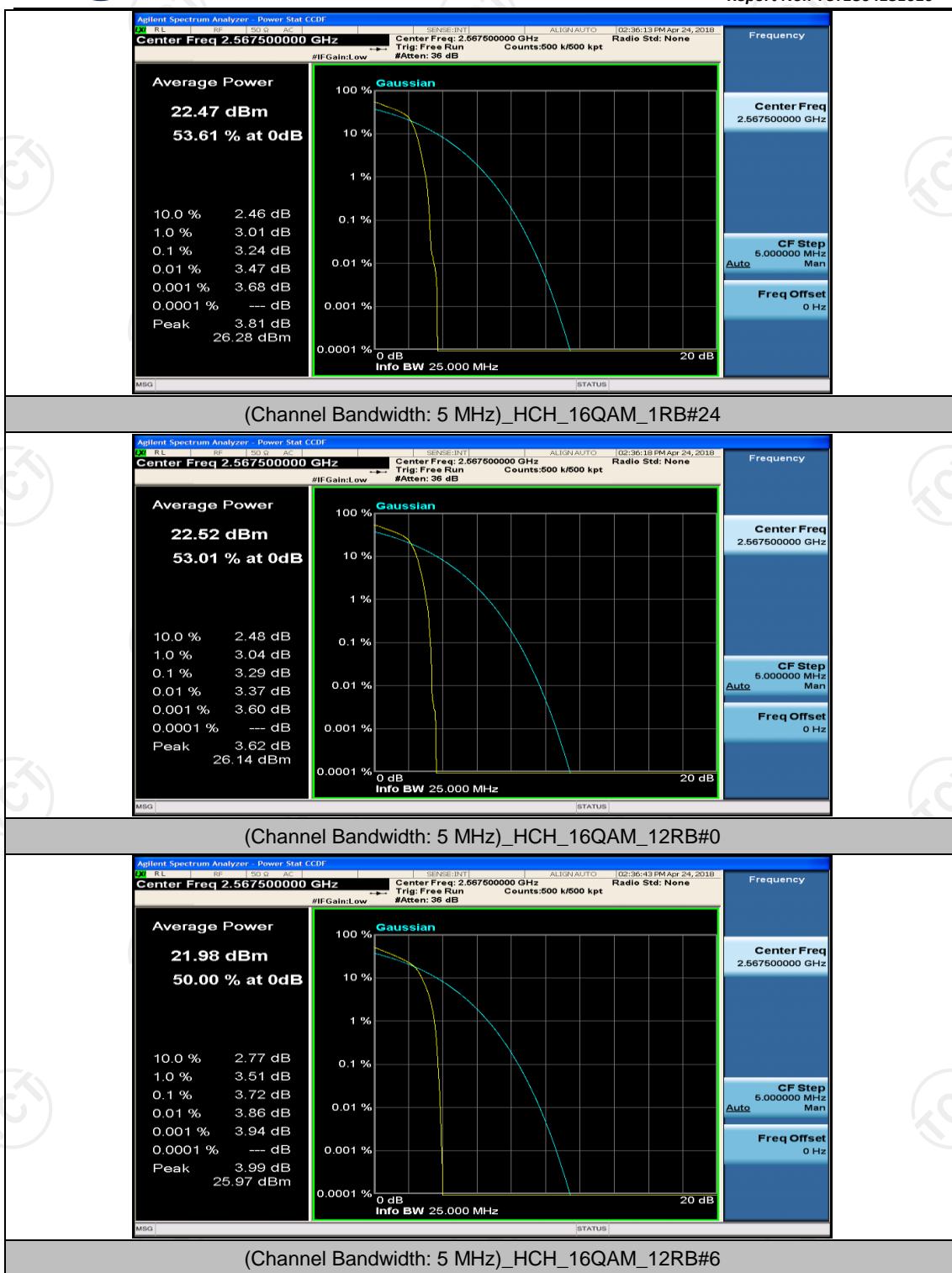


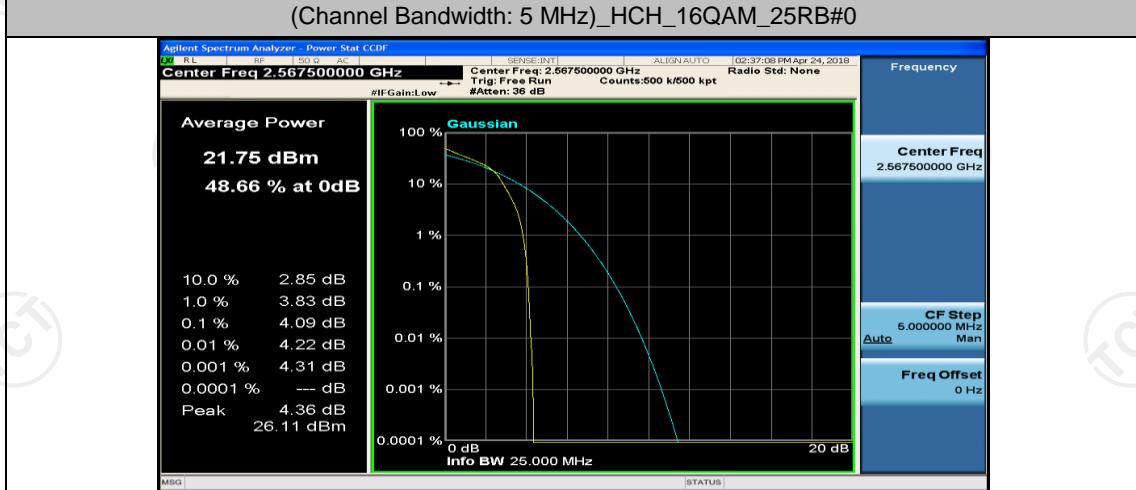






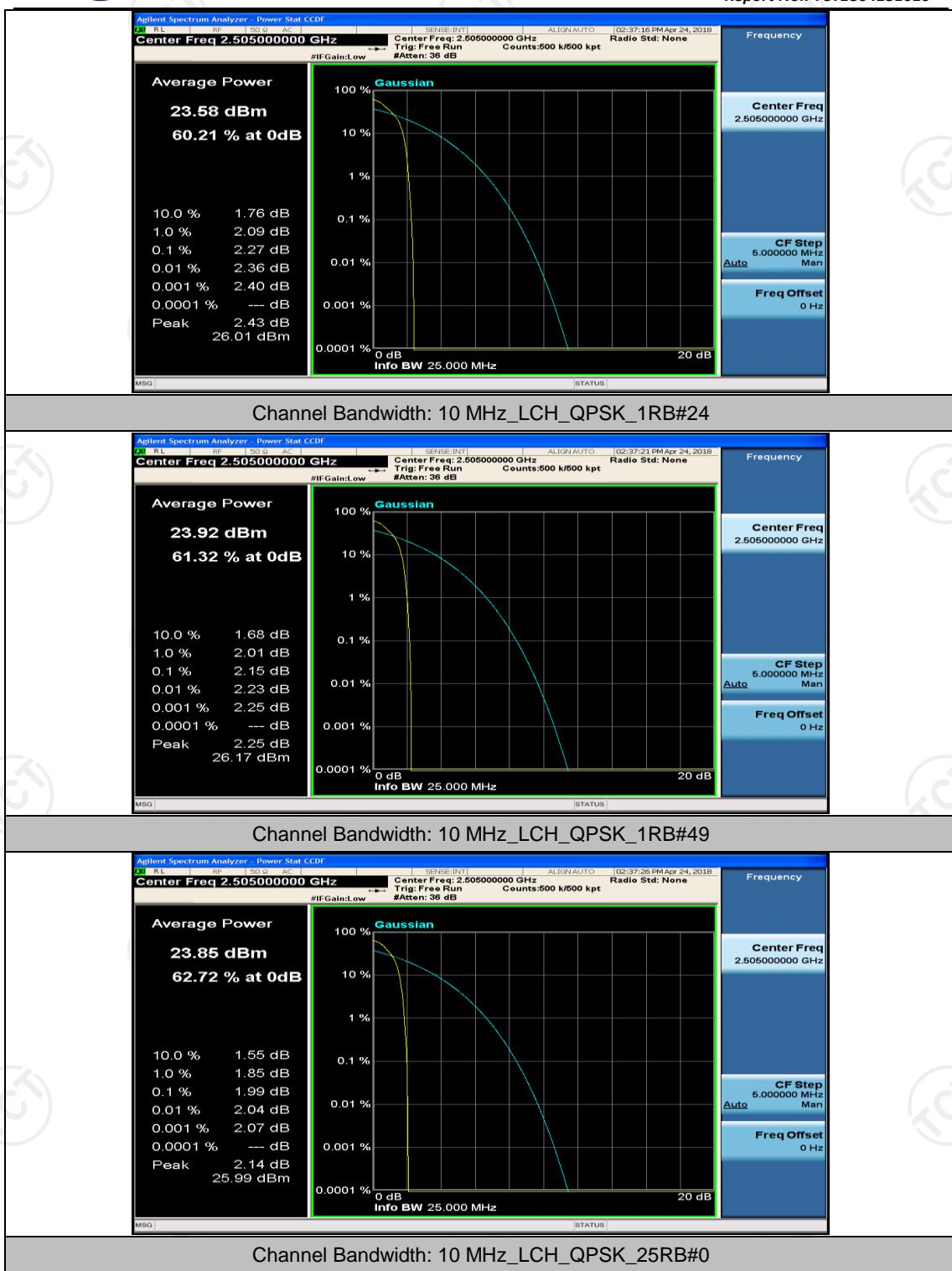


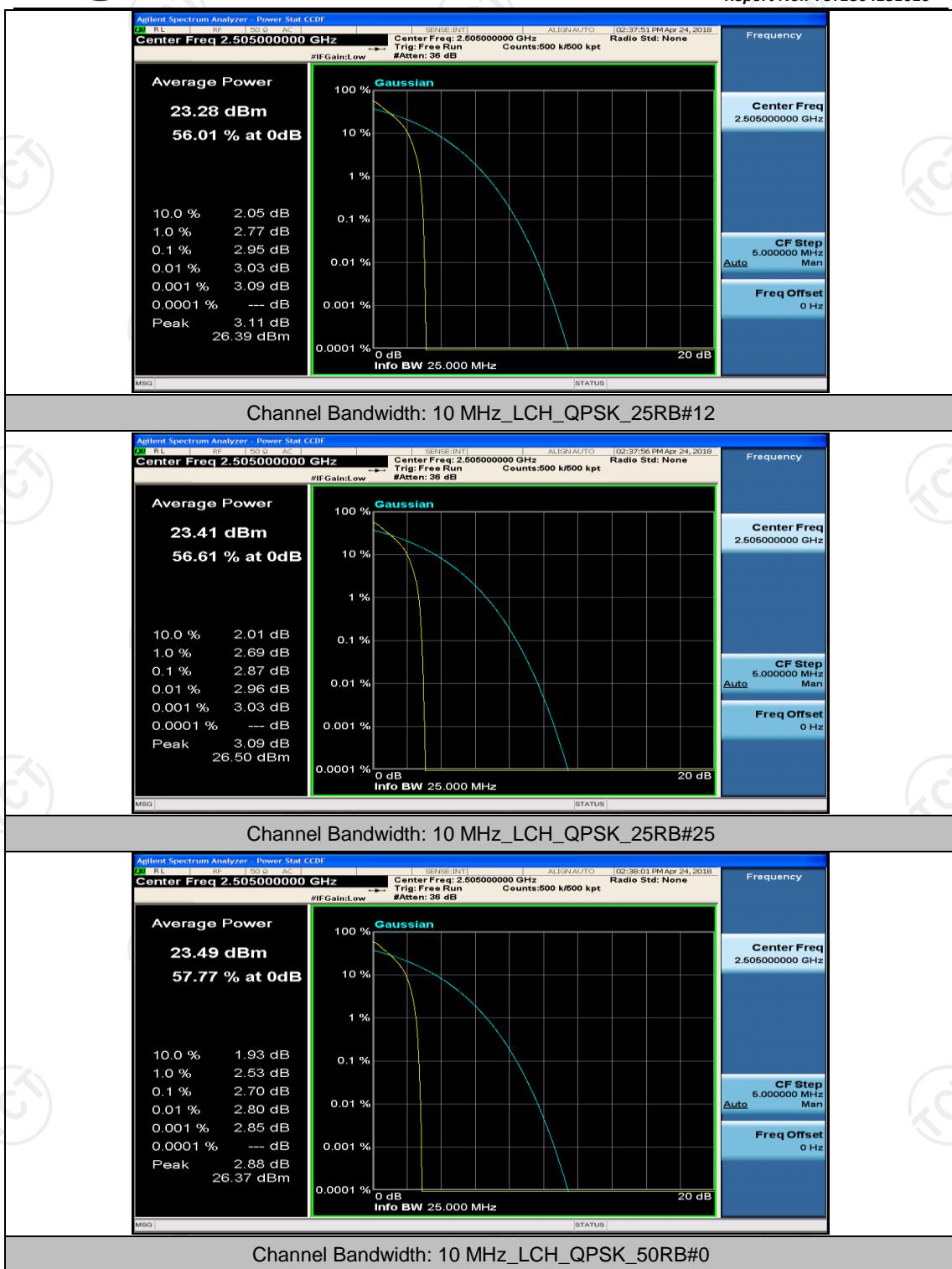


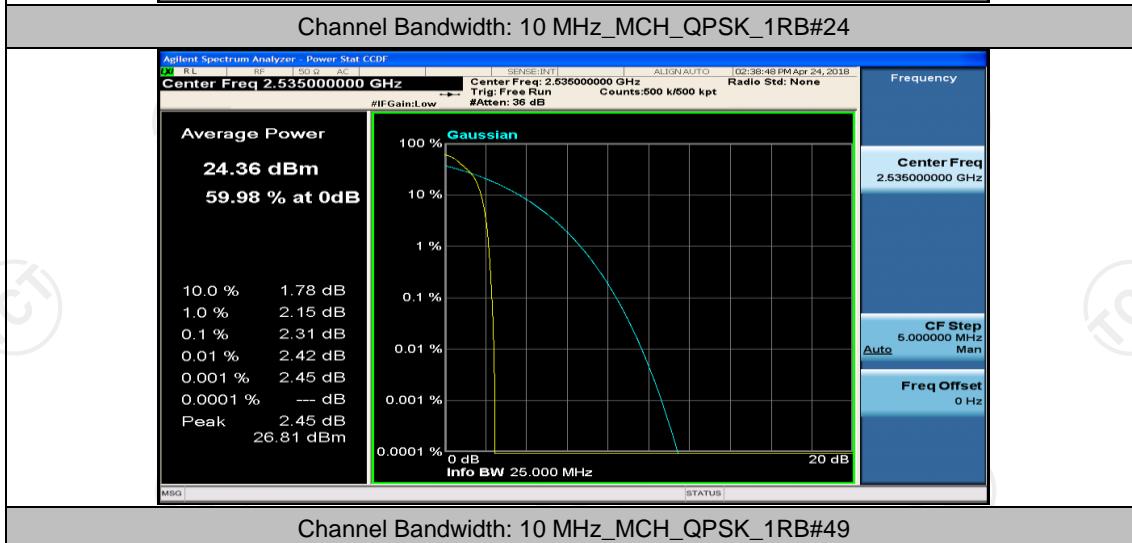
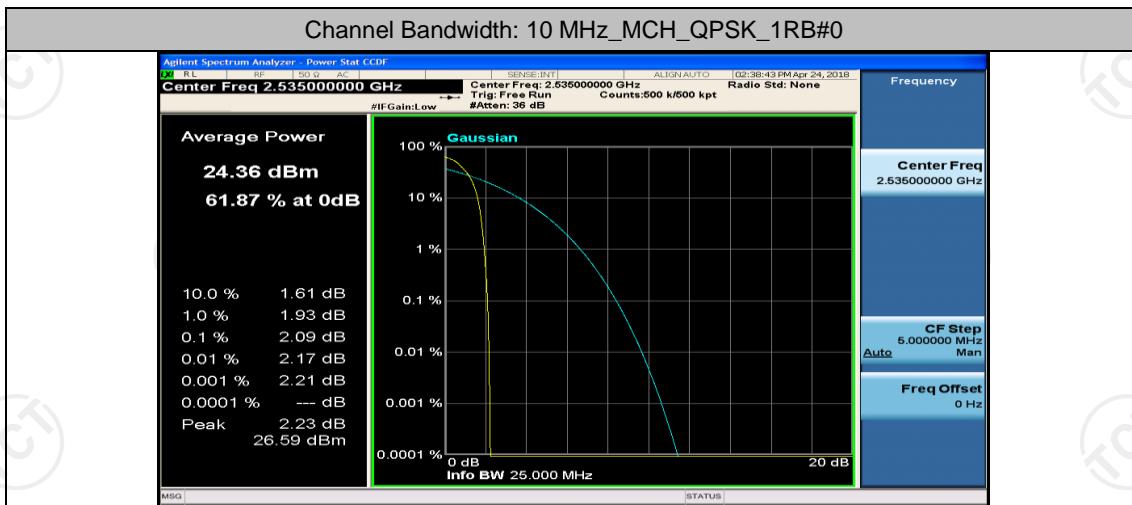
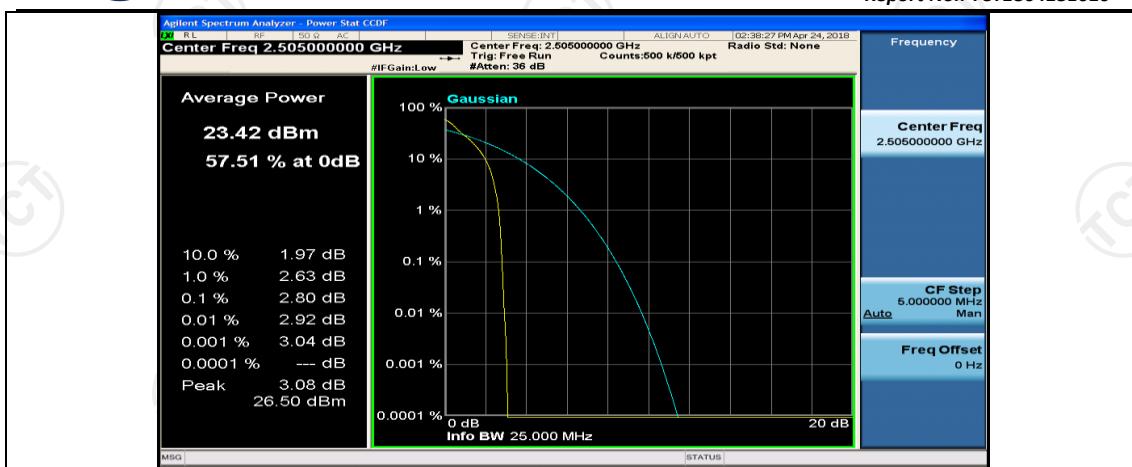


Channel Bandwidth: 10 MHz

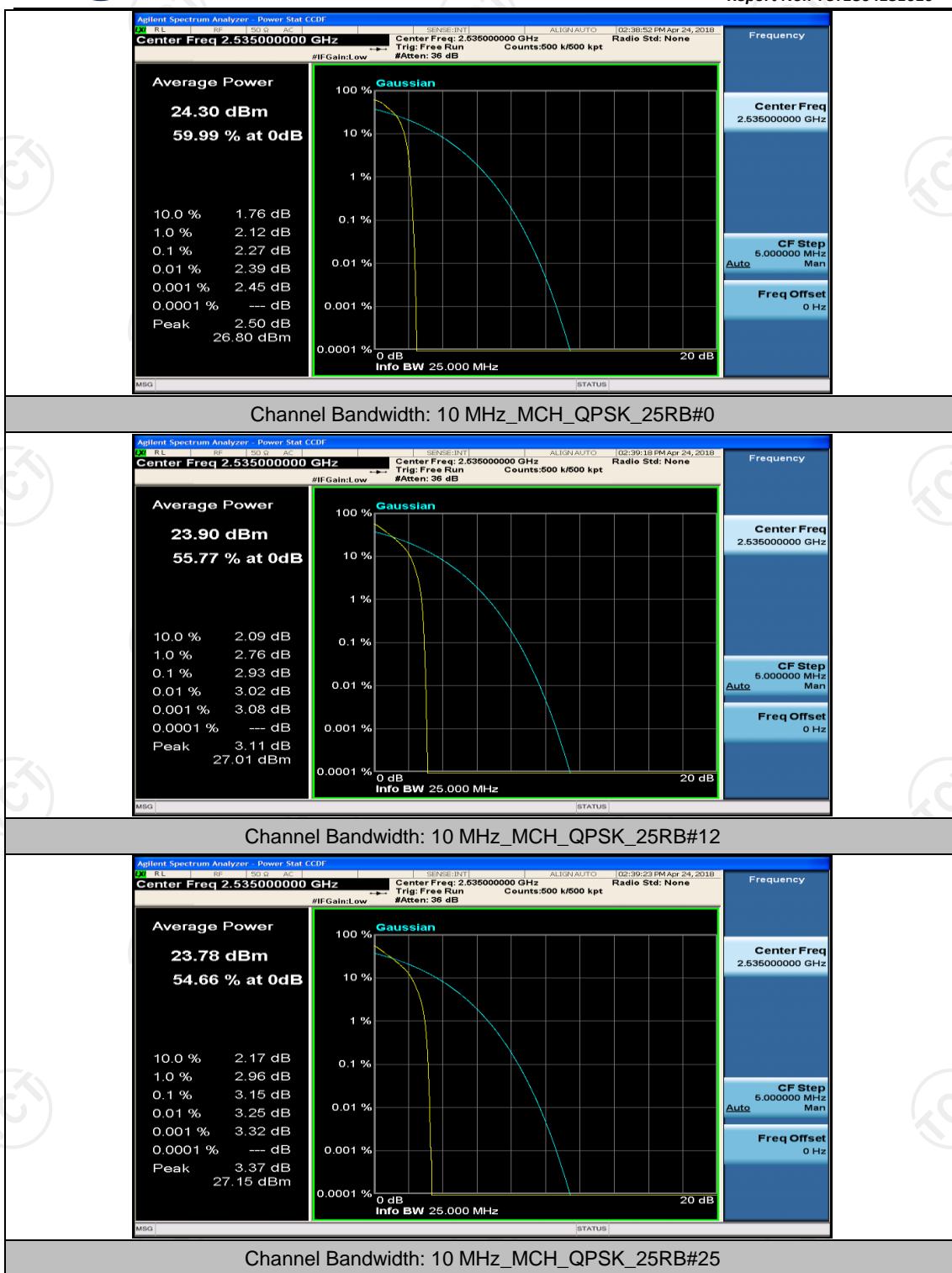
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

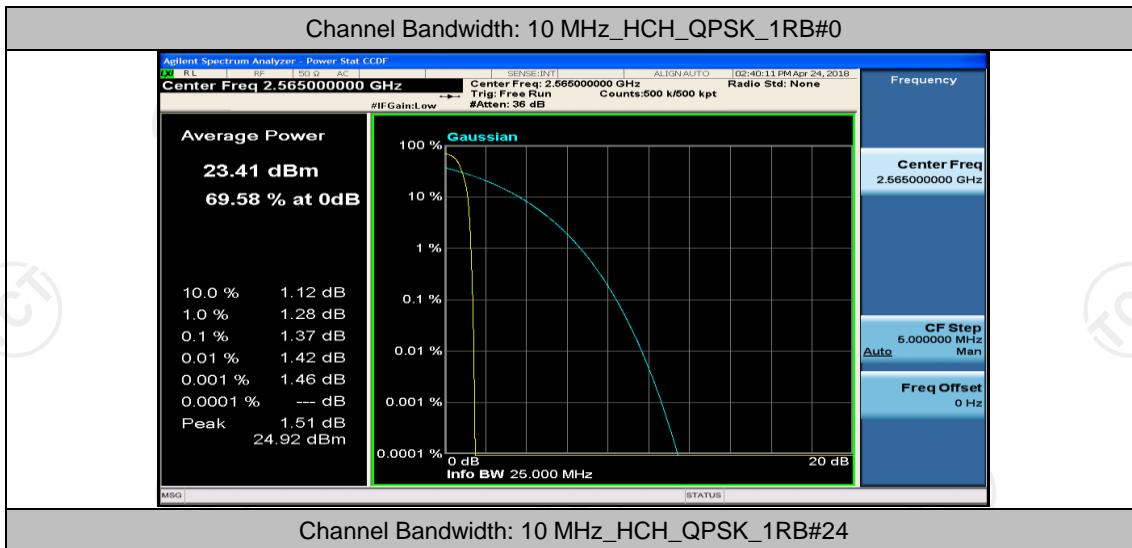
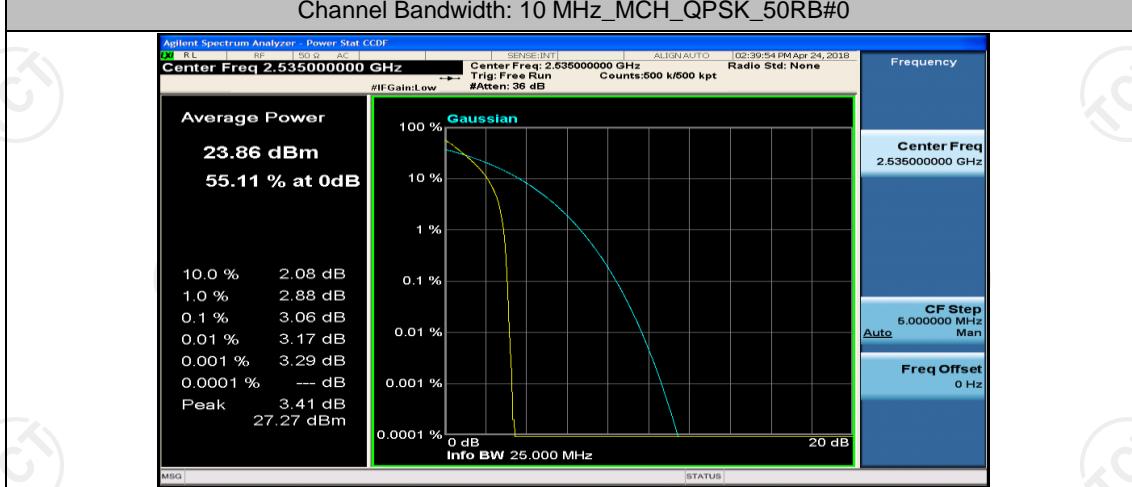
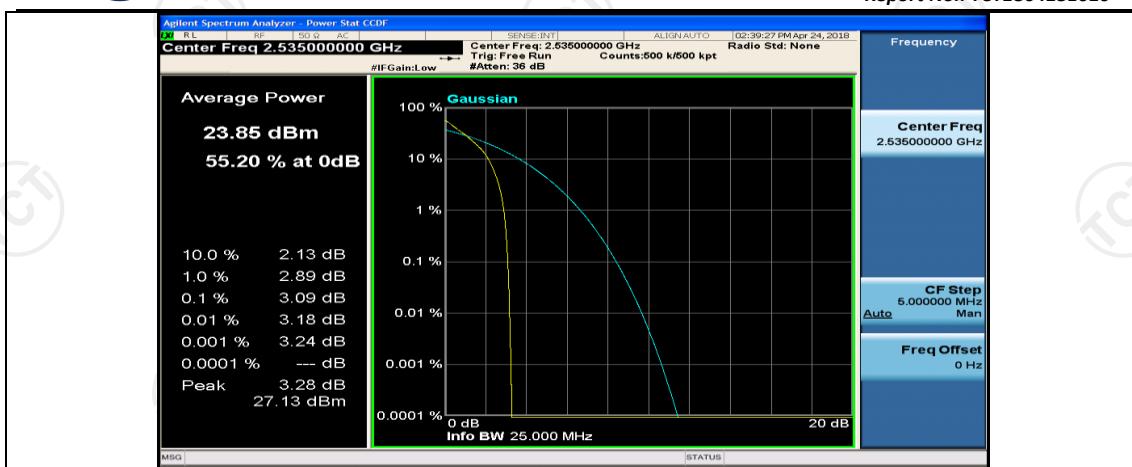


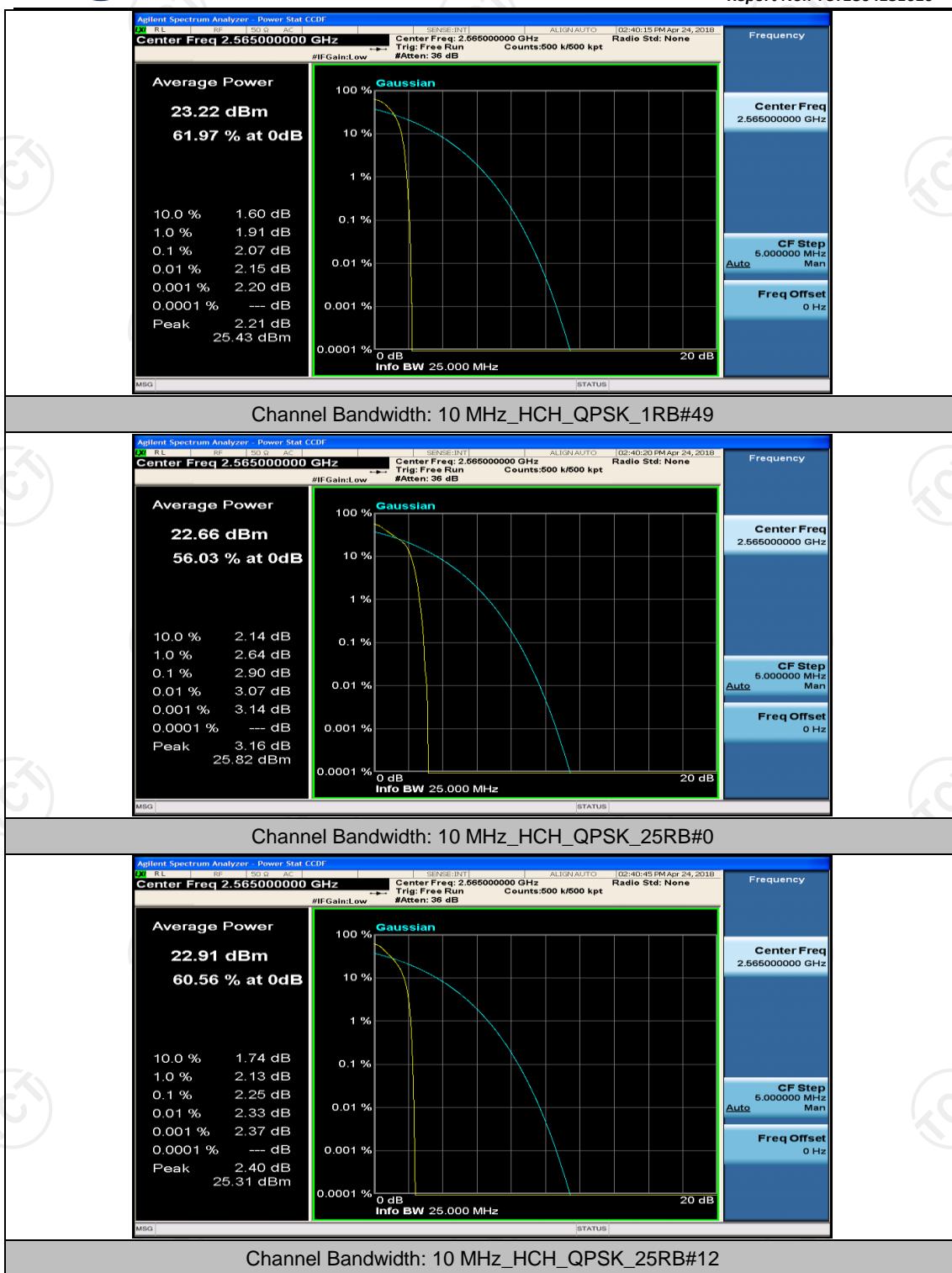


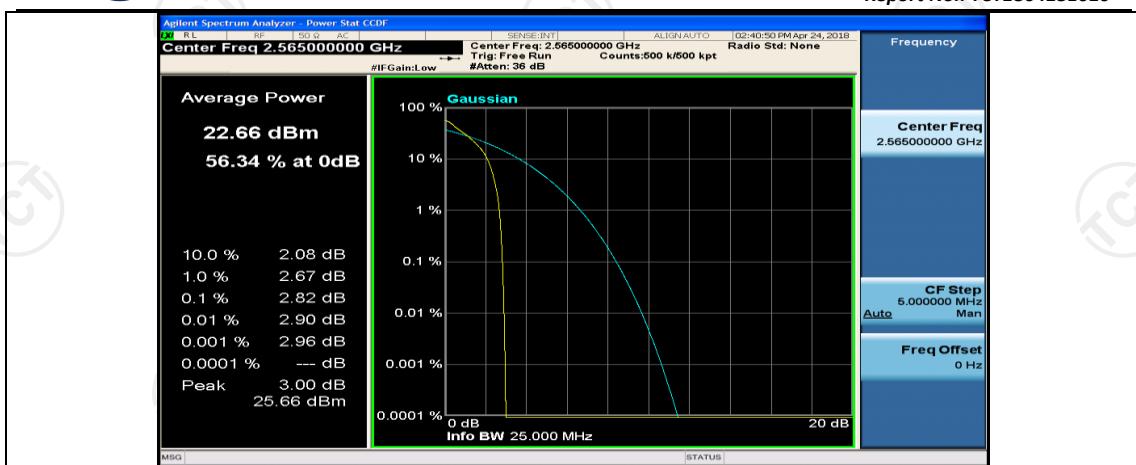


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

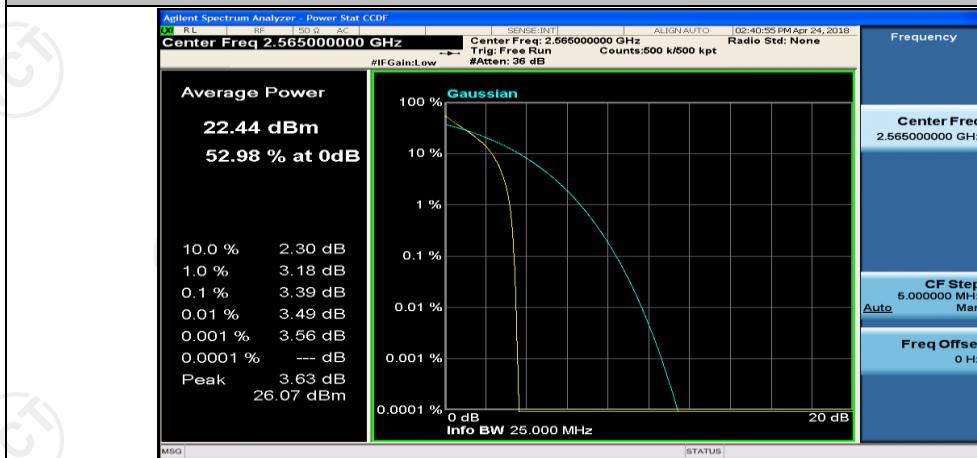




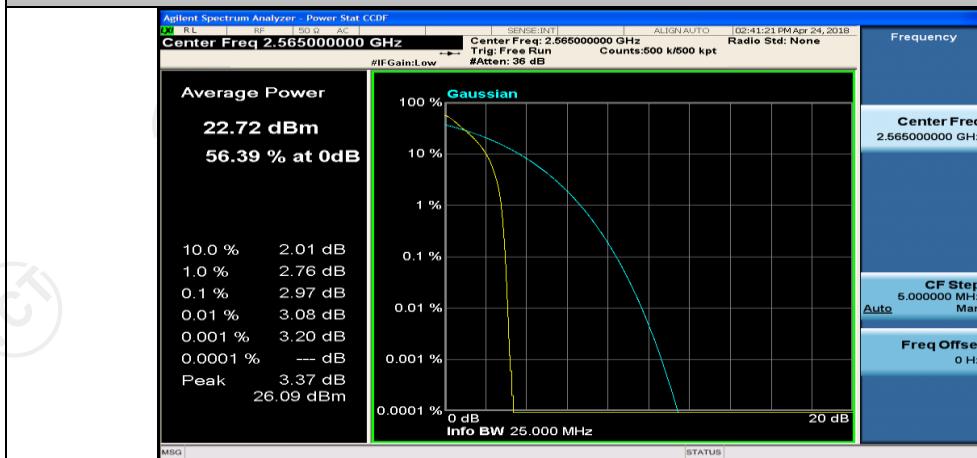




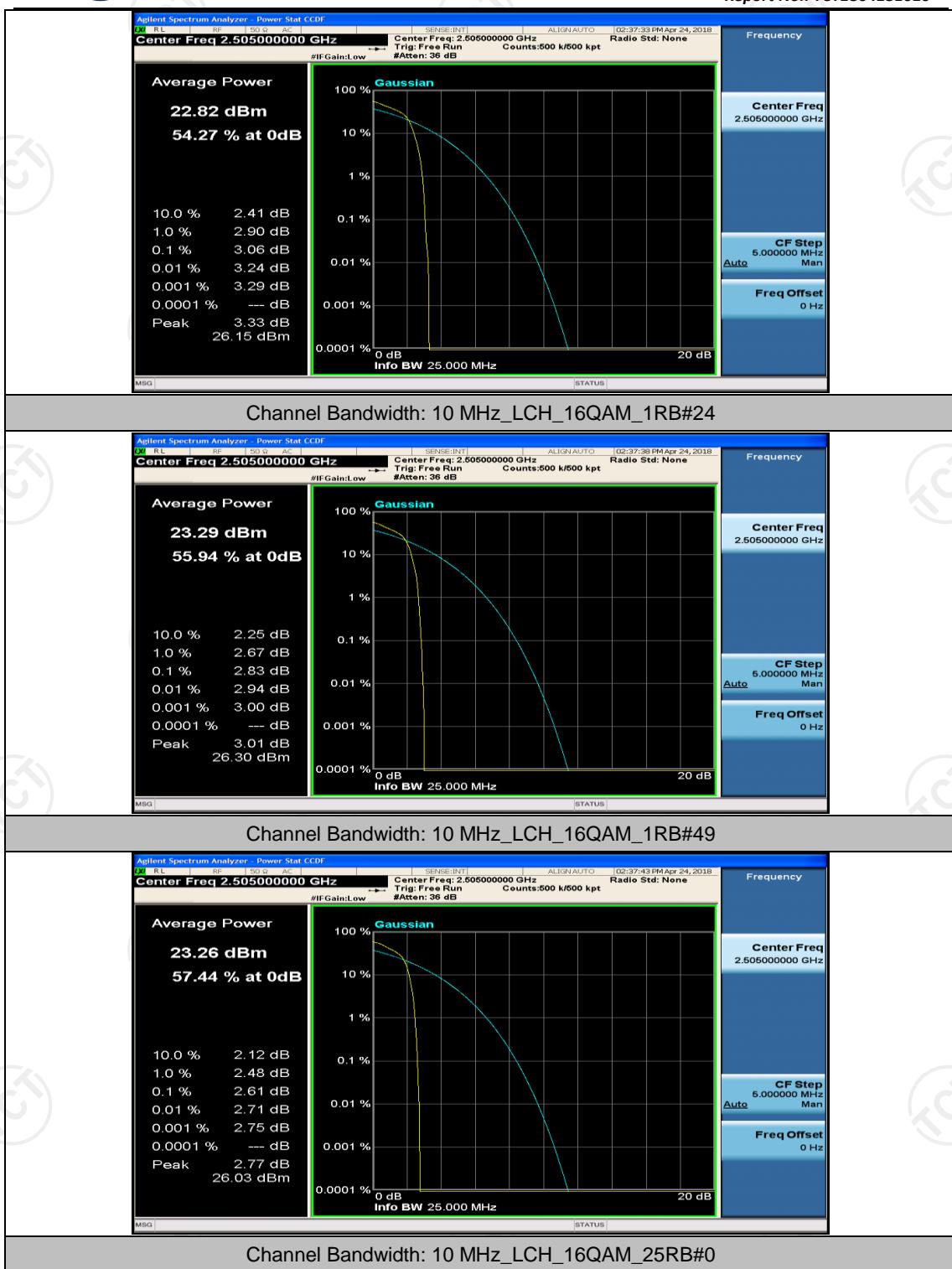
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

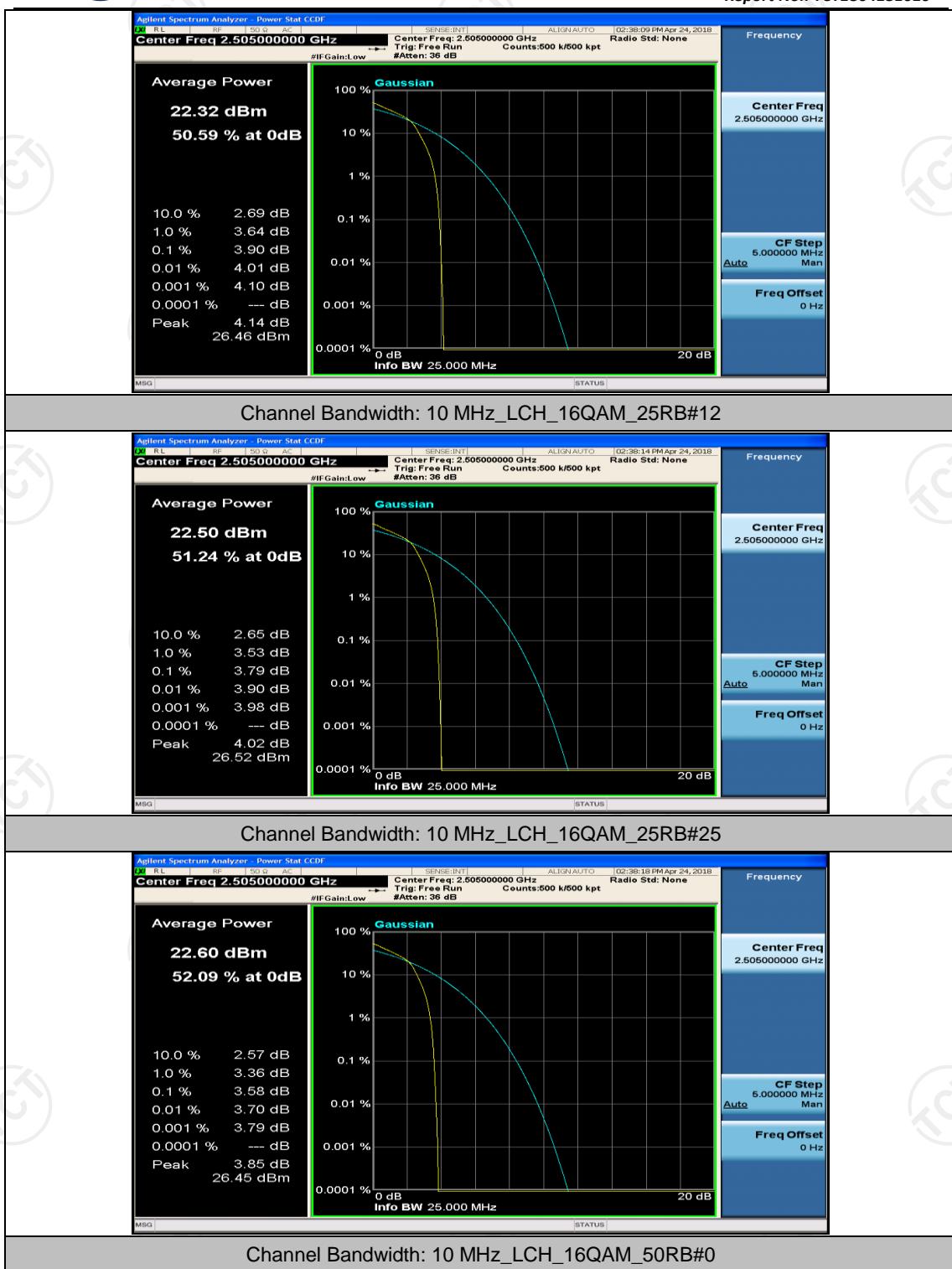


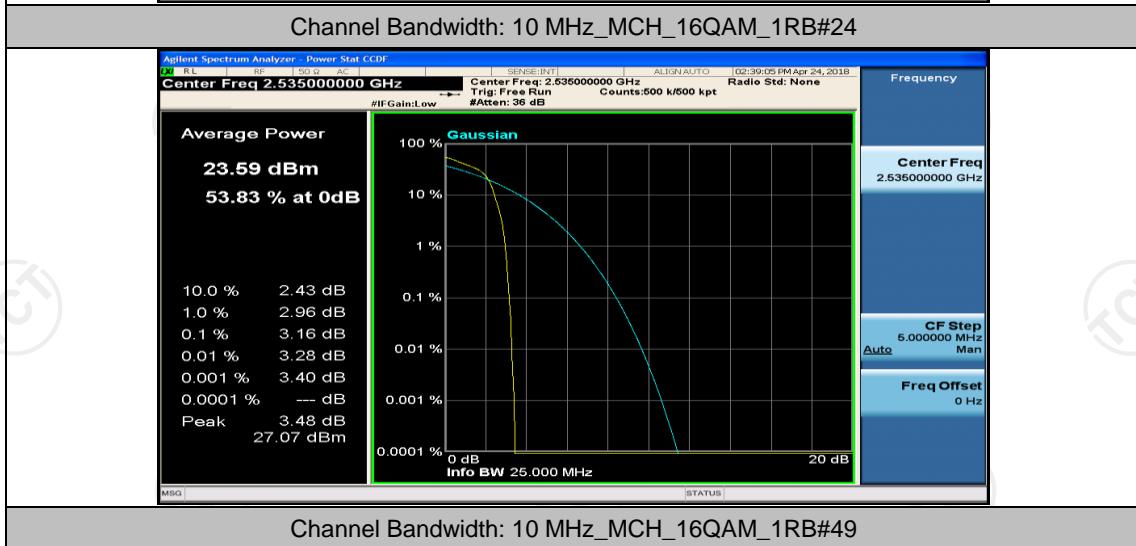
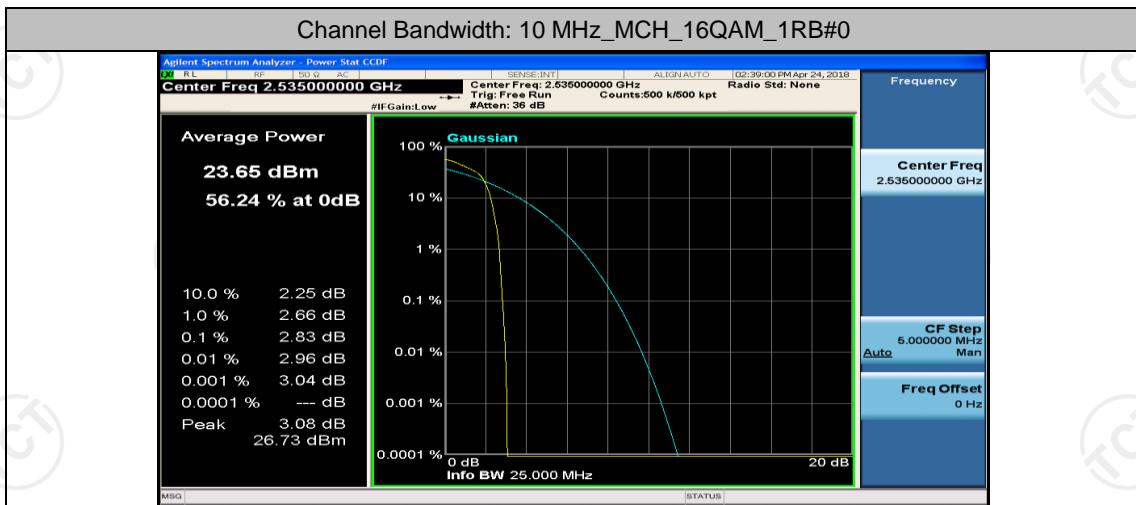
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



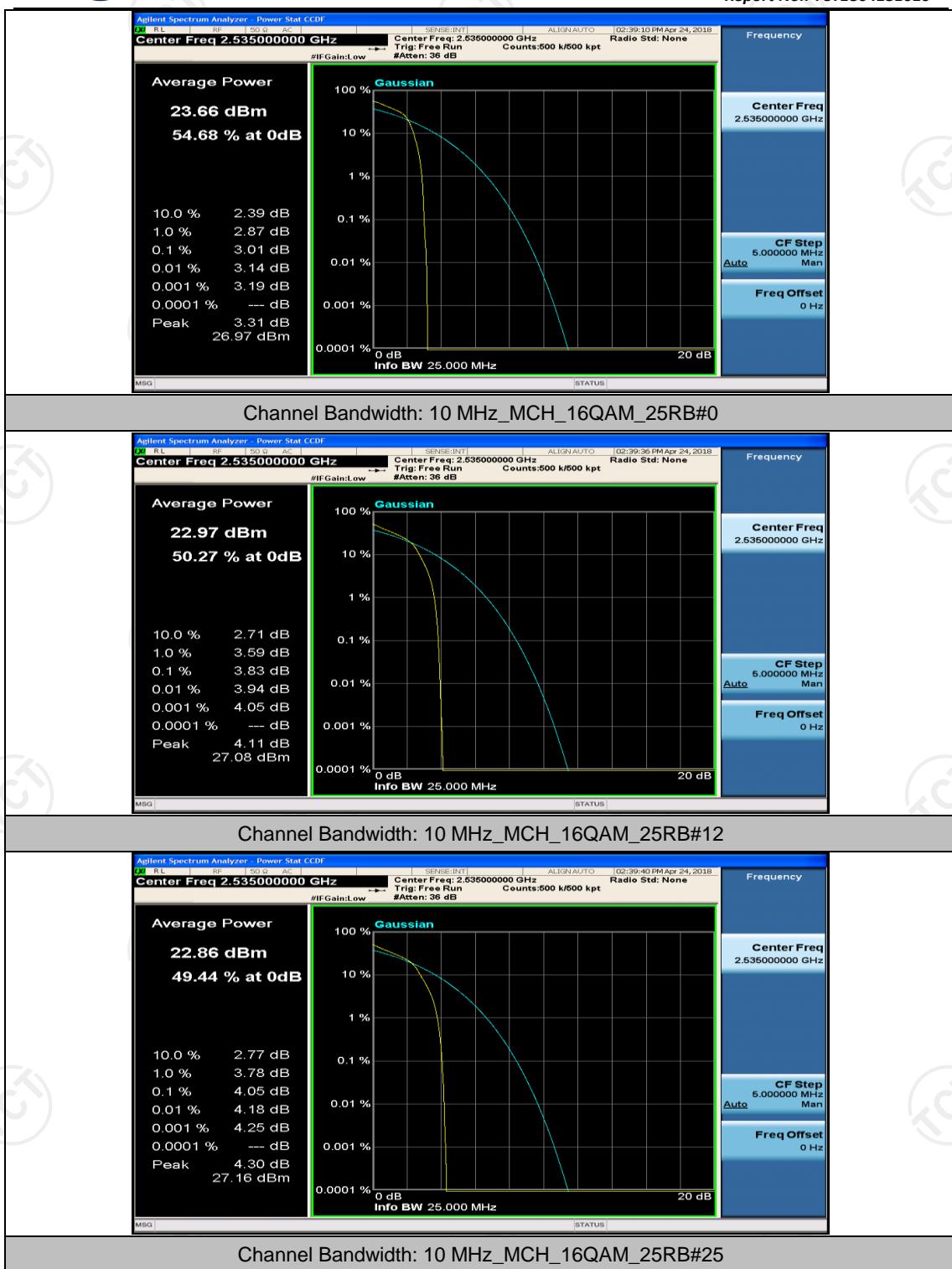
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

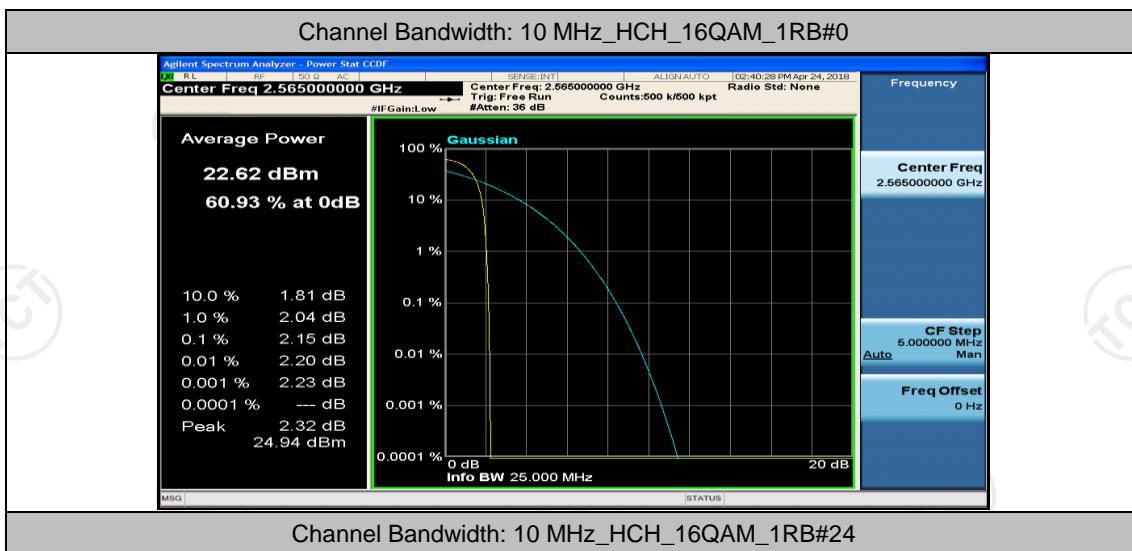
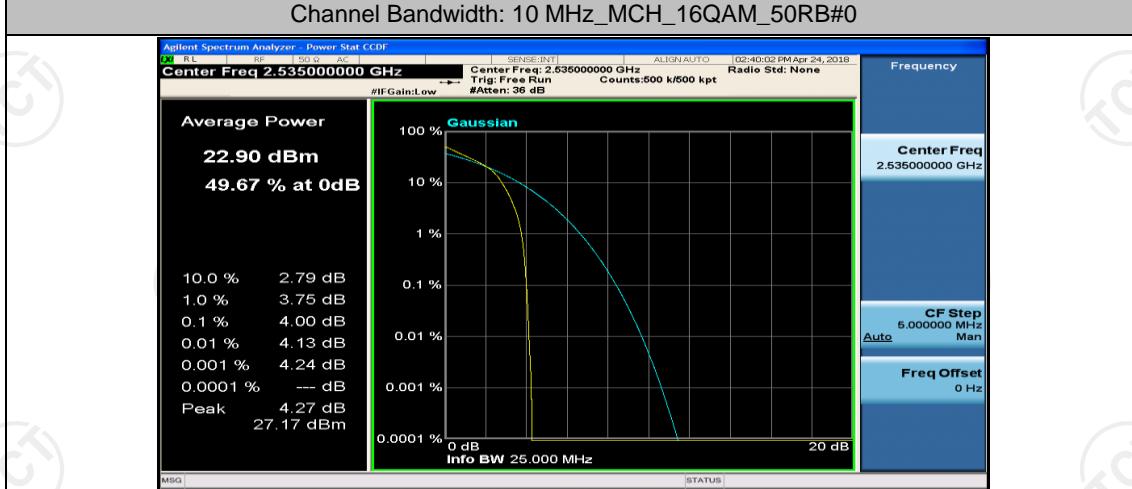
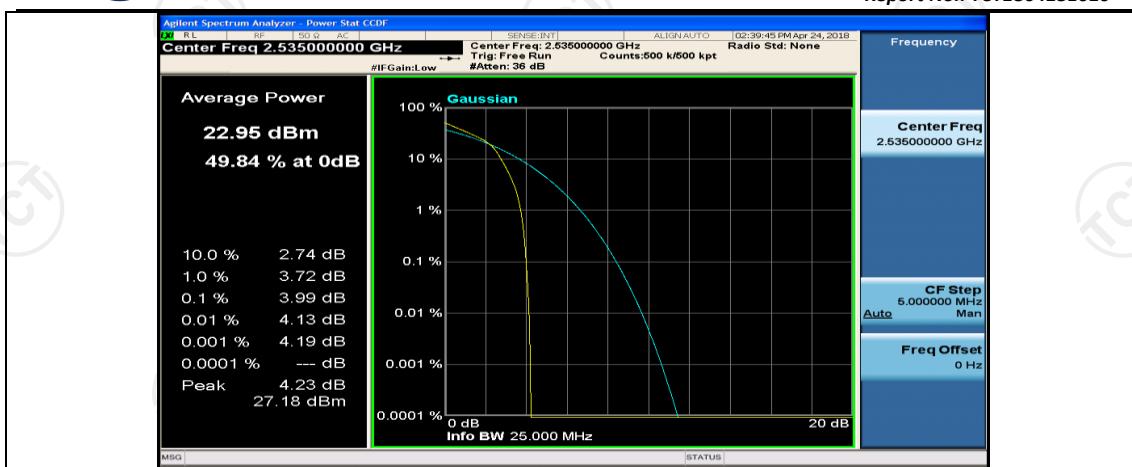


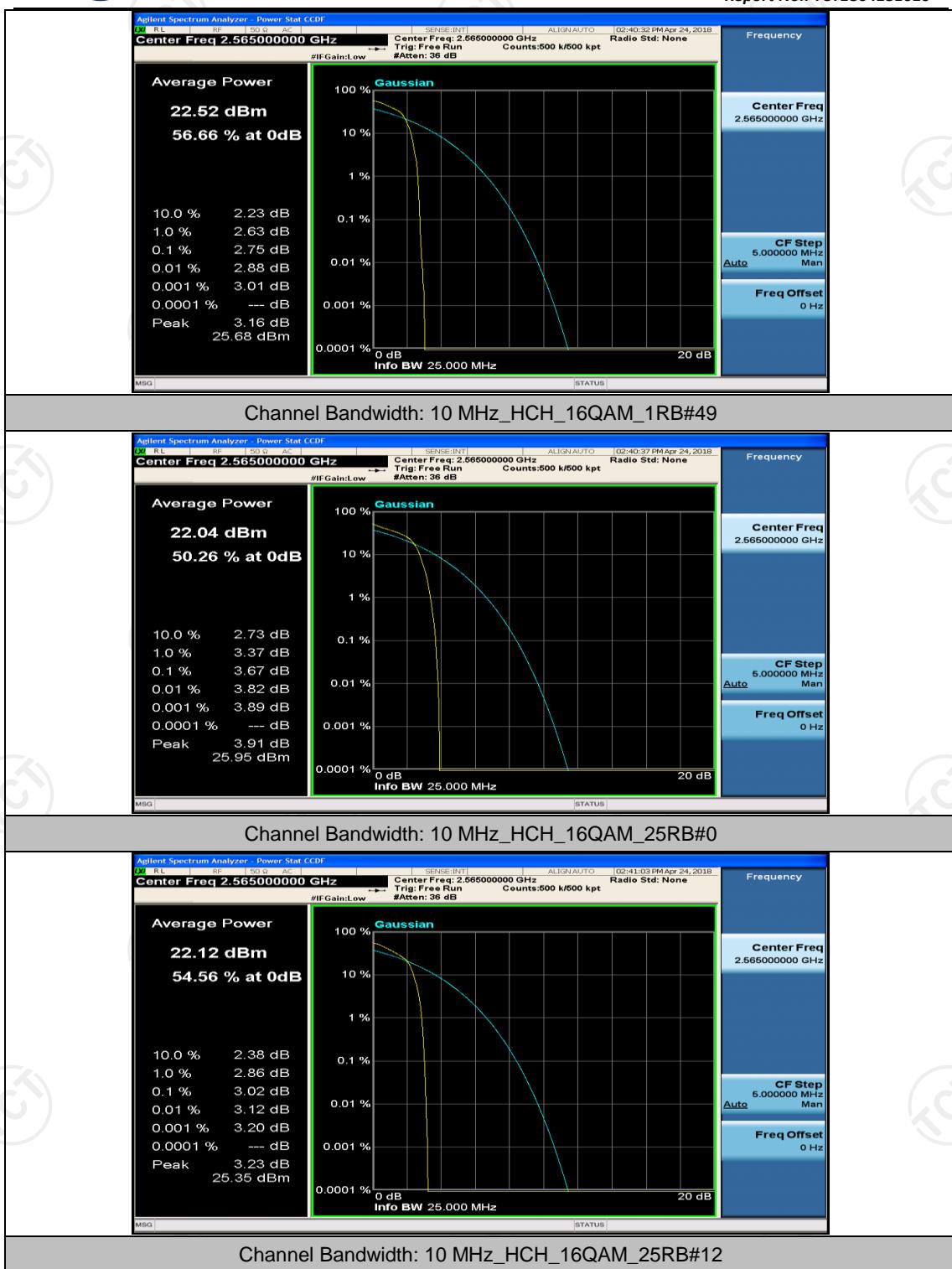


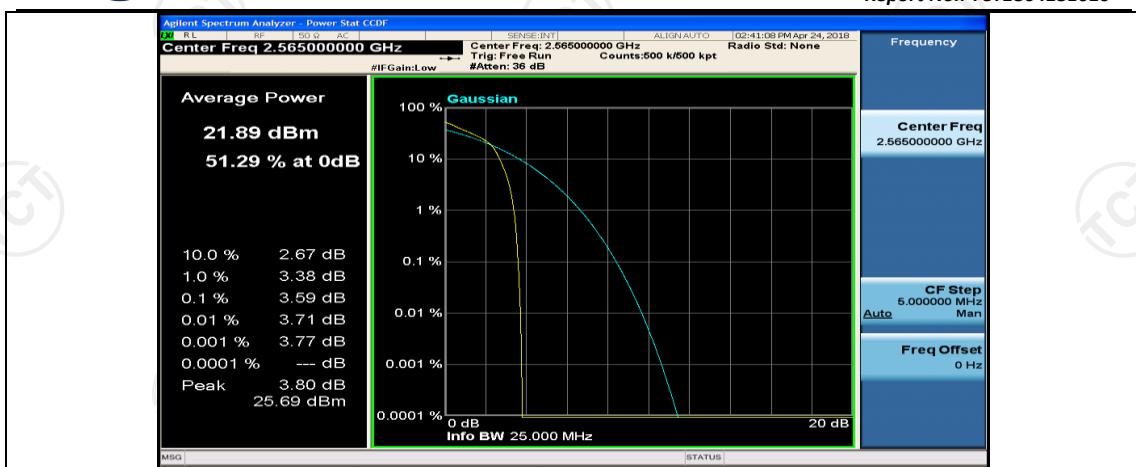


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

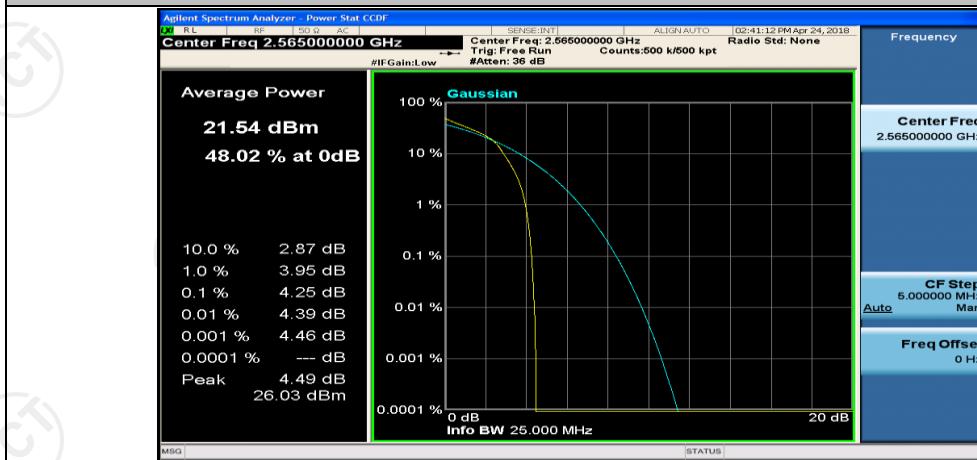




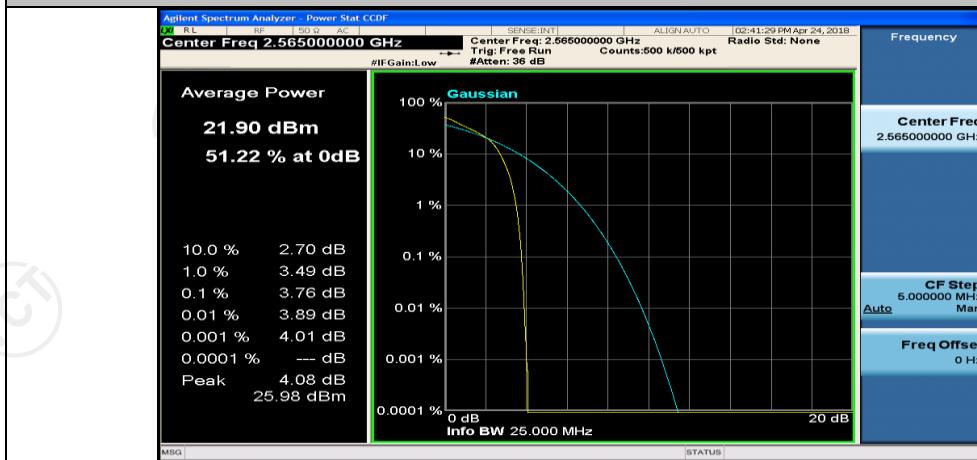




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

