

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.99	23.89	PASS
		1	3	21.97	23.87	PASS
		1	5	21.94	23.84	PASS
		3	0	21.80	23.70	PASS
		3	2	21.89	23.79	PASS
		3	3	21.85	23.75	PASS
		6	0	20.93	22.83	PASS
	MCH	1	0	22.50	24.40	PASS
		1	3	22.47	24.37	PASS
		1	5	22.41	24.31	PASS
		3	0	22.52	24.42	PASS
		3	2	22.52	24.42	PASS
		3	3	22.45	24.35	PASS
		6	0	21.43	23.33	PASS
16QAM	LCH	1	0	22.12	24.02	PASS
		1	3	22.05	23.95	PASS
		1	5	21.87	23.77	PASS
		3	0	22.07	23.97	PASS
		3	2	22.03	23.93	PASS
		3	3	21.94	23.84	PASS
		6	0	21.33	23.23	PASS
	MCH	1	0	21.09	22.99	PASS
		1	3	21.19	23.09	PASS
		1	5	21.15	23.05	PASS
		3	0	21.24	23.14	PASS
		3	2	21.02	22.92	PASS
		3	3	20.98	22.88	PASS
		6	0	20.03	21.93	PASS

HCH	3	3	21.62	23.52	PASS
	6	0	20.51	22.41	PASS
	1	0	21.31	23.21	PASS
	1	3	21.37	23.27	PASS
	1	5	21.16	23.06	PASS
	3	0	21.36	23.26	PASS
	3	2	21.29	23.19	PASS
	3	3	20.73	22.63	PASS
	6	0	20.40	22.30	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.92	23.82	PASS
		1	7	21.68	23.58	PASS
		1	14	22.01	23.91	PASS
		8	0	20.96	22.86	PASS
		8	4	20.98	22.88	PASS
		8	7	20.99	22.89	PASS
		15	0	21.01	22.91	PASS
	MCH	1	0	22.79	24.69	PASS
		1	7	22.33	24.23	PASS
		1	14	22.57	24.47	PASS
		8	0	21.48	23.38	PASS
		8	4	21.42	23.32	PASS
		8	7	21.35	23.25	PASS
		15	0	21.43	23.33	PASS
	HCH	1	0	22.54	24.44	PASS
		1	7	22.03	23.93	PASS
		1	14	22.10	24.00	PASS
		8	0	21.47	23.37	PASS
		8	4	21.38	23.28	PASS
		8	7	21.29	23.19	PASS
		15	0	21.39	23.29	PASS
16QAM	LCH	1	0	21.05	22.95	PASS
		1	7	21.34	23.24	PASS
		1	14	21.79	23.69	PASS
		8	0	20.11	22.01	PASS
		8	4	20.15	22.05	PASS

		8	7	20.16	22.06	PASS
		15	0	20.53	22.43	PASS
MCH		1	0	22.20	24.10	PASS
		1	7	21.74	23.64	PASS
		1	14	21.98	23.88	PASS
		8	0	20.58	22.48	PASS
		8	4	20.55	22.45	PASS
		8	7	20.50	22.40	PASS
		15	0	20.48	22.38	PASS
HCH		1	0	21.96	23.86	PASS
		1	7	21.47	23.37	PASS
		1	14	21.56	23.46	PASS
		8	0	20.65	22.55	PASS
		8	4	20.58	22.48	PASS
		8	7	20.47	22.37	PASS
		15	0	20.48	22.38	PASS

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	22.09	23.99	PASS
		1	12	21.65	23.55	PASS
		1	24	22.14	24.04	PASS
		12	0	21.04	22.94	PASS
		12	6	20.91	22.81	PASS
		12	13	21.03	22.93	PASS
		25	0	20.99	22.89	PASS
	MCH	1	0	22.99	24.89	PASS
		1	12	22.29	24.19	PASS
		1	24	22.63	24.53	PASS
		12	0	21.91	23.81	PASS
		12	6	21.38	23.28	PASS
		12	13	21.38	23.28	PASS
		25	0	21.47	23.37	PASS
	HCH	1	0	23.10	25.00	PASS
		1	12	22.13	24.03	PASS
		1	24	22.25	24.15	PASS
		12	0	21.76	23.66	PASS
		12	6	21.48	23.38	PASS

		12	13	21.49	23.39	PASS
		25	0	21.54	23.44	PASS
16QAM	LCH	1	0	21.42	23.32	PASS
		1	12	21.00	22.90	PASS
		1	24	21.52	23.42	PASS
		12	0	20.18	22.08	PASS
		12	6	20.04	21.94	PASS
		12	13	20.19	22.09	PASS
		25	0	20.11	22.01	PASS
	MCH	1	0	22.36	24.26	PASS
		1	12	21.64	23.54	PASS
		1	24	22.02	23.92	PASS
		12	0	21.04	22.94	PASS
		12	6	20.49	22.39	PASS
		12	13	20.51	22.41	PASS
		25	0	20.58	22.48	PASS
	HCH	1	0	22.46	24.36	PASS
		1	12	21.53	23.43	PASS
		1	24	21.71	23.61	PASS
		12	0	20.87	22.77	PASS
		12	6	20.62	22.52	PASS
		12	13	20.67	22.57	PASS
		25	0	20.66	22.56	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	22.09	23.99	PASS
		1	24	21.42	23.32	PASS
		1	49	22.19	24.09	PASS
		25	0	21.01	22.91	PASS
		25	12	20.63	22.53	PASS
		25	25	20.93	22.83	PASS
		50	0	20.94	22.84	PASS
	MCH	1	0	23.13	25.03	PASS
		1	24	22.18	24.08	PASS
		1	49	22.49	24.39	PASS
		25	0	21.99	23.89	PASS
		25	12	21.32	23.22	PASS

	HCH	25	25	21.60	23.50	PASS
		50	0	21.81	23.71	PASS
		1	0	23.64	25.54	PASS
		1	24	22.50	24.40	PASS
		1	49	22.36	24.26	PASS
		25	0	22.12	24.02	PASS
		25	12	21.66	23.56	PASS
		25	25	21.71	23.61	PASS
16QAM	LCH	50	0	21.67	23.57	PASS
		1	0	21.52	23.42	PASS
		1	24	20.80	22.70	PASS
		1	49	21.58	23.48	PASS
		25	0	20.11	22.01	PASS
		25	12	20.21	22.11	PASS
		25	25	20.02	21.92	PASS
	MCH	50	0	20.05	21.95	PASS
		1	0	22.58	24.48	PASS
		1	24	21.59	23.49	PASS
		1	49	21.94	23.84	PASS
		25	0	21.08	22.98	PASS
		25	12	20.42	22.32	PASS
		25	25	20.72	22.62	PASS
	HCH	50	0	20.91	22.81	PASS
		1	0	23.00	24.90	PASS
		1	24	21.88	23.78	PASS
		1	49	21.87	23.77	PASS
		25	0	21.14	23.04	PASS
		25	12	20.69	22.59	PASS
		25	25	20.83	22.73	PASS
		50	0	20.76	22.66	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	22.06	23.96	PASS
		1	37	21.34	23.24	PASS
		1	74	22.40	24.30	PASS
		37	0	20.82	22.72	PASS
		37	18	20.57	22.47	PASS

MCH	MCH	37	38	20.83	22.73	PASS
		75	0	20.79	22.69	PASS
		1	0	23.22	25.12	PASS
		1	37	22.10	24.00	PASS
		1	74	22.63	24.53	PASS
		37	0	21.91	23.81	PASS
		37	18	21.25	23.15	PASS
		37	38	21.42	23.32	PASS
HCH	HCH	75	0	21.65	23.55	PASS
		1	0	23.01	24.91	PASS
		1	37	22.43	24.33	PASS
		1	74	22.30	24.20	PASS
		37	0	21.78	23.68	PASS
		37	18	21.45	23.35	PASS
		37	38	21.63	23.53	PASS
		75	0	21.71	23.61	PASS
16QAM	LCH	1	0	21.48	23.38	PASS
		1	37	20.69	22.59	PASS
		1	74	21.78	23.68	PASS
		37	0	20.43	22.33	PASS
		37	18	20.18	22.08	PASS
		37	38	20.42	22.32	PASS
		75	0	20.38	22.28	PASS
	MCH	1	0	22.68	24.58	PASS
		1	37	21.50	23.40	PASS
		1	74	22.09	23.99	PASS
		37	0	21.01	22.91	PASS
		37	18	20.35	22.25	PASS
		37	38	20.54	22.44	PASS
		75	0	20.76	22.66	PASS
	HCH	1	0	22.38	24.28	PASS
		1	37	21.75	23.65	PASS
		1	74	21.81	23.71	PASS
		37	0	20.81	22.71	PASS
		37	18	20.48	22.38	PASS
		37	38	20.73	22.63	PASS
		75	0	20.78	22.68	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	21.90	23.80	PASS
		1	49	21.38	23.28	PASS
		1	99	23.66	25.56	PASS
		50	0	20.55	22.45	PASS
		50	25	20.54	22.44	PASS
		50	50	20.85	22.75	PASS
		100	0	20.74	22.64	PASS
	MCH	1	0	23.11	25.01	PASS
		1	49	22.20	24.10	PASS
		1	99	22.50	24.40	PASS
		50	0	21.69	23.59	PASS
		50	25	21.25	23.15	PASS
		50	50	21.15	23.05	PASS
		100	0	21.37	23.27	PASS
16QAM	LCH	1	0	22.28	24.18	PASS
		1	49	22.57	24.47	PASS
		1	99	22.22	24.12	PASS
		50	0	21.05	22.95	PASS
		50	25	21.44	23.34	PASS
		50	50	21.60	23.50	PASS
		100	0	21.33	23.23	PASS
	MCH	1	0	21.21	23.11	PASS
		1	49	20.62	22.52	PASS
		1	99	22.50	24.40	PASS
		50	0	20.13	22.03	PASS
		50	25	20.07	21.97	PASS
		50	50	20.41	22.31	PASS
		100	0	20.30	22.20	PASS

HCH	1	0	21.59	23.49	PASS
	1	49	21.79	23.69	PASS
	1	99	21.61	23.51	PASS
	50	0	20.07	21.97	PASS
	50	25	20.44	22.34	PASS
	50	50	20.64	22.54	PASS
	100	0	20.36	22.26	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.55	<13	PASS
		1	3	2.56	<13	PASS
		1	5	2.58	<13	PASS
		3	0	2.58	<13	PASS
		3	2	2.56	<13	PASS
		3	3	2.62	<13	PASS
		6	0	3.26	<13	PASS
	MCH	1	0	2.59	<13	PASS
		1	3	2.59	<13	PASS
		1	5	2.67	<13	PASS
		3	0	2.63	<13	PASS
		3	2	2.60	<13	PASS
		3	3	2.65	<13	PASS
		6	0	3.49	<13	PASS
16QAM	LCH	1	0	2.59	<13	PASS
		1	3	2.59	<13	PASS
		1	5	2.69	<13	PASS
		3	0	2.66	<13	PASS
		3	2	2.63	<13	PASS
		3	3	2.68	<13	PASS
		6	0	3.35	<13	PASS
	MCH	1	0	3.40	<13	PASS
		1	3	3.29	<13	PASS
		1	5	3.34	<13	PASS
		3	0	3.43	<13	PASS
		3	2	3.42	<13	PASS
		3	3	3.41	<13	PASS
		6	0	4.10	<13	PASS

		3	2	3.48	<13	PASS
		3	3	3.51	<13	PASS
		6	0	4.38	<13	PASS
HCH		1	0	3.37	<13	PASS
		1	3	3.29	<13	PASS
		1	5	3.49	<13	PASS
		3	0	3.51	<13	PASS
		3	2	3.48	<13	PASS
		3	3	3.58	<13	PASS
		6	0	4.20	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.52	<13	PASS
		1	7	2.54	<13	PASS
		1	14	2.68	<13	PASS
		8	0	3.15	<13	PASS
		8	4	3.17	<13	PASS
		8	7	3.21	<13	PASS
		15	0	3.25	<13	PASS
	MCH	1	0	2.55	<13	PASS
		1	7	2.59	<13	PASS
		1	14	2.59	<13	PASS
		8	0	3.36	<13	PASS
		8	4	3.35	<13	PASS
		8	7	3.39	<13	PASS
		15	0	3.44	<13	PASS
	HCH	1	0	2.70	<13	PASS
		1	7	2.55	<13	PASS
		1	14	2.62	<13	PASS
		8	0	3.27	<13	PASS
		8	4	3.16	<13	PASS
		8	7	3.18	<13	PASS
		15	0	3.30	<13	PASS
16QAM	LCH	1	0	3.27	<13	PASS
		1	7	3.26	<13	PASS
		1	14	3.40	<13	PASS
		8	0	4.02	<13	PASS

		8	4	4.00	<13	PASS
		8	7	4.03	<13	PASS
		15	0	4.14	<13	PASS
MCH		1	0	3.24	<13	PASS
		1	7	3.28	<13	PASS
		1	14	3.31	<13	PASS
		8	0	4.23	<13	PASS
		8	4	4.19	<13	PASS
		8	7	4.24	<13	PASS
		15	0	4.36	<13	PASS
HCH		1	0	3.52	<13	PASS
		1	7	3.32	<13	PASS
		1	14	3.36	<13	PASS
		8	0	4.13	<13	PASS
		8	4	4.01	<13	PASS
		8	7	4.02	<13	PASS
		15	0	4.23	<13	PASS

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	2.42	<13	PASS
		1	12	2.58	<13	PASS
		1	24	2.67	<13	PASS
		12	0	3.10	<13	PASS
		12	6	3.14	<13	PASS
		12	13	3.26	<13	PASS
		25	0	3.28	<13	PASS
QPSK	MCH	1	0	2.43	<13	PASS
		1	12	2.55	<13	PASS
		1	24	2.49	<13	PASS
		12	0	3.20	<13	PASS
		12	6	3.28	<13	PASS
		12	13	3.32	<13	PASS
		25	0	3.38	<13	PASS
QPSK	HCH	1	0	2.71	<13	PASS
		1	12	2.64	<13	PASS
		1	24	2.50	<13	PASS
		12	0	3.44	<13	PASS

		12	6	3.26	<13	PASS
		12	13	3.09	<13	PASS
		25	0	3.42	<13	PASS
16QAM	LCH	1	0	3.20	<13	PASS
		1	12	3.38	<13	PASS
		1	24	3.43	<13	PASS
		12	0	3.93	<13	PASS
		12	6	3.98	<13	PASS
		12	13	4.11	<13	PASS
		25	0	4.12	<13	PASS
	MCH	1	0	3.26	<13	PASS
		1	12	3.37	<13	PASS
		1	24	3.30	<13	PASS
		12	0	4.09	<13	PASS
		12	6	4.17	<13	PASS
		12	13	4.19	<13	PASS
		25	0	4.27	<13	PASS
	HCH	1	0	3.57	<13	PASS
		1	12	3.46	<13	PASS
		1	24	3.22	<13	PASS
		12	0	4.37	<13	PASS
		12	6	4.20	<13	PASS
		12	13	3.97	<13	PASS
		25	0	4.34	<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	2.44	<13	PASS
		1	24	2.83	<13	PASS
		1	49	3.17	<13	PASS
		25	0	3.21	<13	PASS
		25	12	3.45	<13	PASS
		25	25	3.65	<13	PASS
		50	0	3.60	<13	PASS
	MCH	1	0	2.58	<13	PASS
		1	24	2.59	<13	PASS
		1	49	2.65	<13	PASS
		25	0	3.28	<13	PASS

	HCH	25	12	3.29	<13	PASS
		25	25	3.31	<13	PASS
		50	0	3.43	<13	PASS
		1	0	3.58	<13	PASS
		1	24	2.91	<13	PASS
		1	49	2.51	<13	PASS
		25	0	4.15	<13	PASS
		25	12	3.72	<13	PASS
		25	25	3.25	<13	PASS
		50	0	4.06	<13	PASS
16QAM	LCH	1	0	3.15	<13	PASS
		1	24	3.57	<13	PASS
		1	49	3.90	<13	PASS
		25	0	4.07	<13	PASS
		25	12	4.33	<13	PASS
		25	25	4.50	<13	PASS
		50	0	4.45	<13	PASS
	MCH	1	0	3.28	<13	PASS
		1	24	3.33	<13	PASS
		1	49	3.34	<13	PASS
		25	0	4.24	<13	PASS
		25	12	4.23	<13	PASS
		25	25	8.33	<13	PASS
		50	0	4.31	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	24	3.67	<13	PASS
		1	49	3.22	<13	PASS
		25	0	5.11	<13	PASS
		25	12	4.67	<13	PASS
		25	25	4.21	<13	PASS
		50	0	4.94	<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	2.52	<13	PASS
		1	37	3.07	<13	PASS
		1	74	3.35	<13	PASS
		37	0	3.40	<13	PASS

		37	18	3.67	<13	PASS
		37	38	3.97	<13	PASS
		75	0	4.27	<13	PASS
MCH	HCH	1	0	2.85	<13	PASS
		1	37	2.59	<13	PASS
		1	74	2.89	<13	PASS
		37	0	3.37	<13	PASS
		37	18	3.33	<13	PASS
		37	38	3.41	<13	PASS
		75	0	3.98	<13	PASS
		1	0	3.68	<13	PASS
LCH	HCH	1	37	3.48	<13	PASS
		1	74	2.55	<13	PASS
		37	0	4.41	<13	PASS
		37	18	4.20	<13	PASS
		37	38	3.64	<13	PASS
		75	0	4.54	<13	PASS
		1	0	3.26	<13	PASS
		1	37	3.77	<13	PASS
16QAM	MCH	1	74	4.11	<13	PASS
		37	0	4.27	<13	PASS
		37	18	4.54	<13	PASS
		37	38	4.86	<13	PASS
		75	0	5.05	<13	PASS
		1	0	3.59	<13	PASS
		1	37	3.29	<13	PASS
	HCH	1	74	3.57	<13	PASS
		37	0	4.30	<13	PASS
		37	18	4.26	<13	PASS
		37	38	4.32	<13	PASS
		75	0	4.32	<13	PASS
		1	0	4.51	<13	PASS
		1	37	4.32	<13	PASS

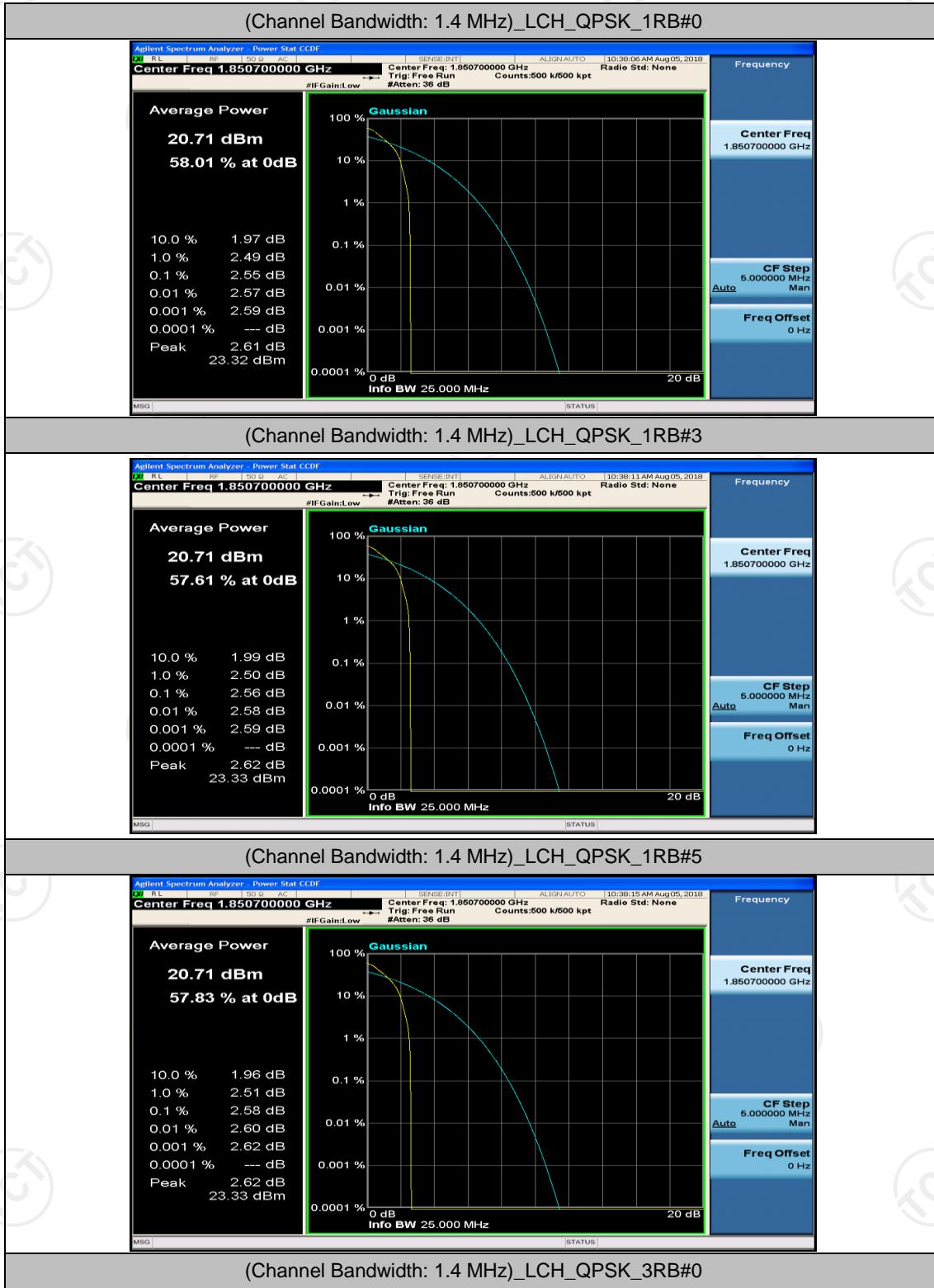
Channel Bandwidth: 20 MHz

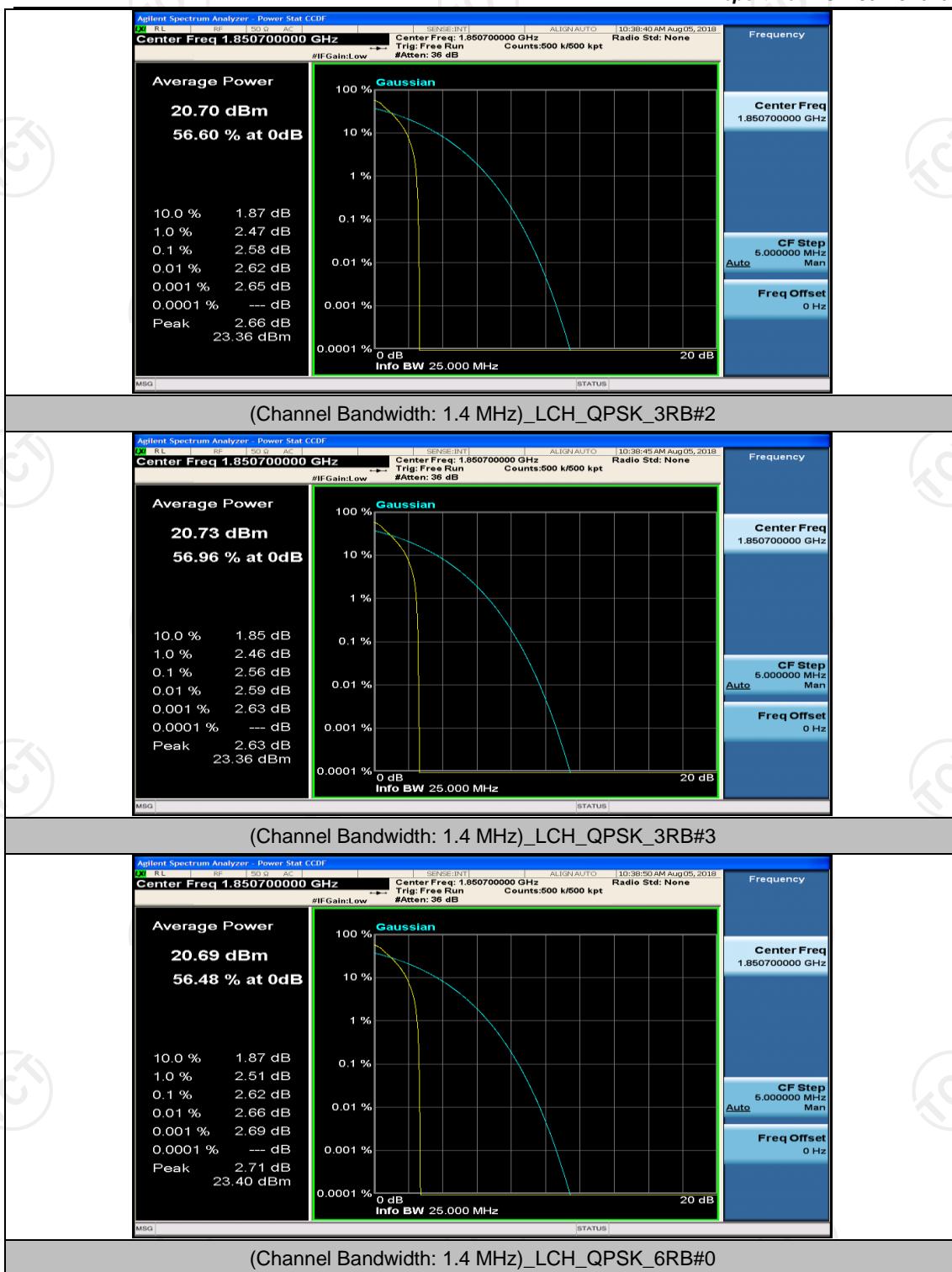
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.70	<13	PASS
		1	49	3.30	<13	PASS
		1	99	3.19	<13	PASS
		50	0	3.76	<13	PASS
		50	25	3.92	<13	PASS
		50	50	4.16	<13	PASS
		100	0	4.45	<13	PASS
	MCH	1	0	3.19	<13	PASS
		1	49	2.58	<13	PASS
		1	99	3.17	<13	PASS
		50	0	3.60	<13	PASS
		50	25	3.36	<13	PASS
		50	50	3.70	<13	PASS
		100	0	4.19	<13	PASS
16QAM	LCH	1	0	3.42	<13	PASS
		1	49	3.67	<13	PASS
		1	99	2.71	<13	PASS
		50	0	4.50	<13	PASS
		50	25	4.32	<13	PASS
		50	50	4.11	<13	PASS
		100	0	4.75	<13	PASS
	MCH	1	0	3.36	<13	PASS
		1	49	3.91	<13	PASS
		1	99	3.88	<13	PASS
		50	0	4.62	<13	PASS
		50	25	4.78	<13	PASS
		50	50	5.03	<13	PASS
		100	0	5.22	<13	PASS

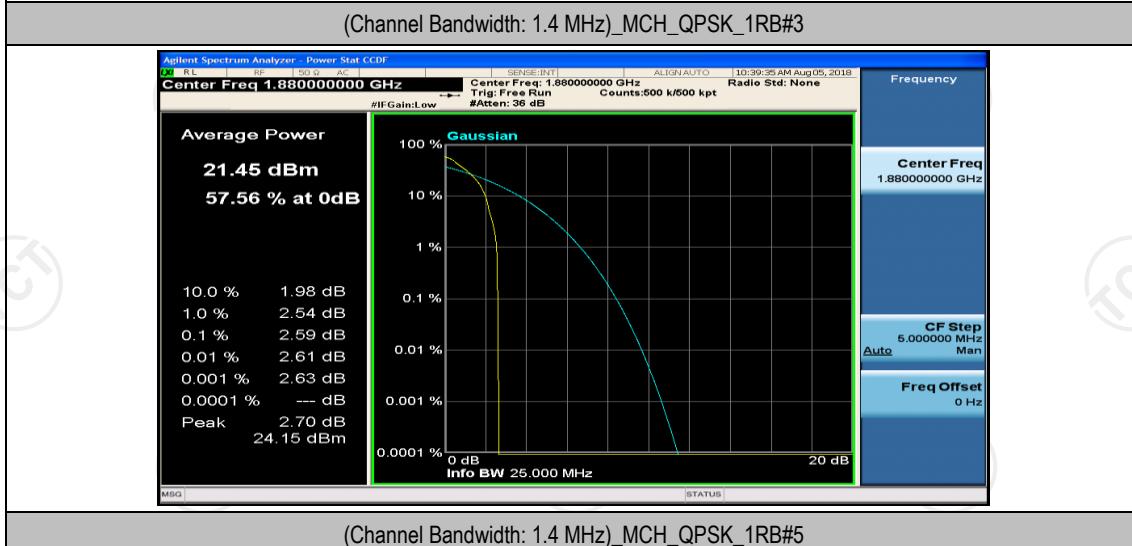
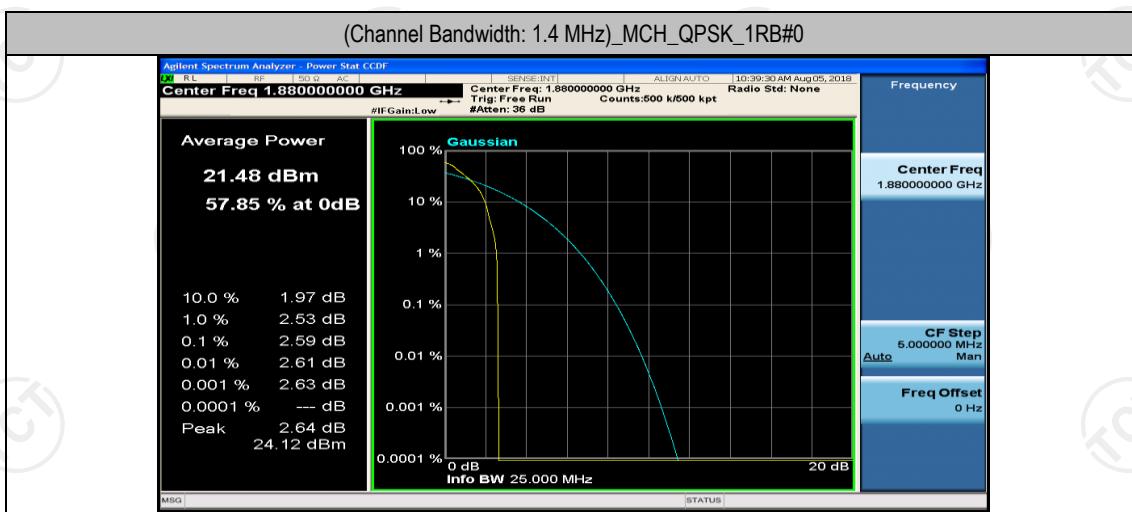
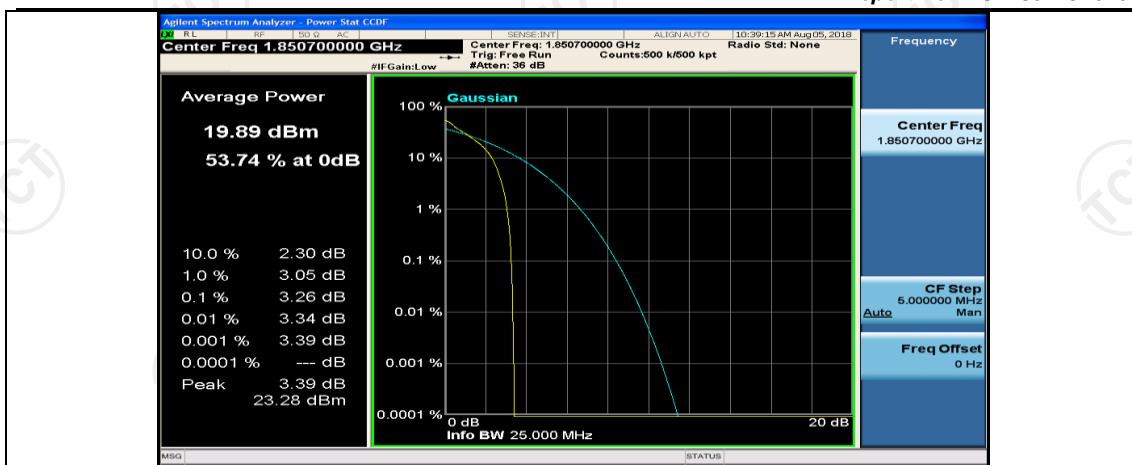
HCH	1	0	4.09	<13	PASS
	1	49	4.38	<13	PASS
	1	99	3.23	<13	PASS
	50	0	5.41	<13	PASS
	50	25	5.29	<13	PASS
	50	50	5.06	<13	PASS
	100	0	5.61	<13	PASS

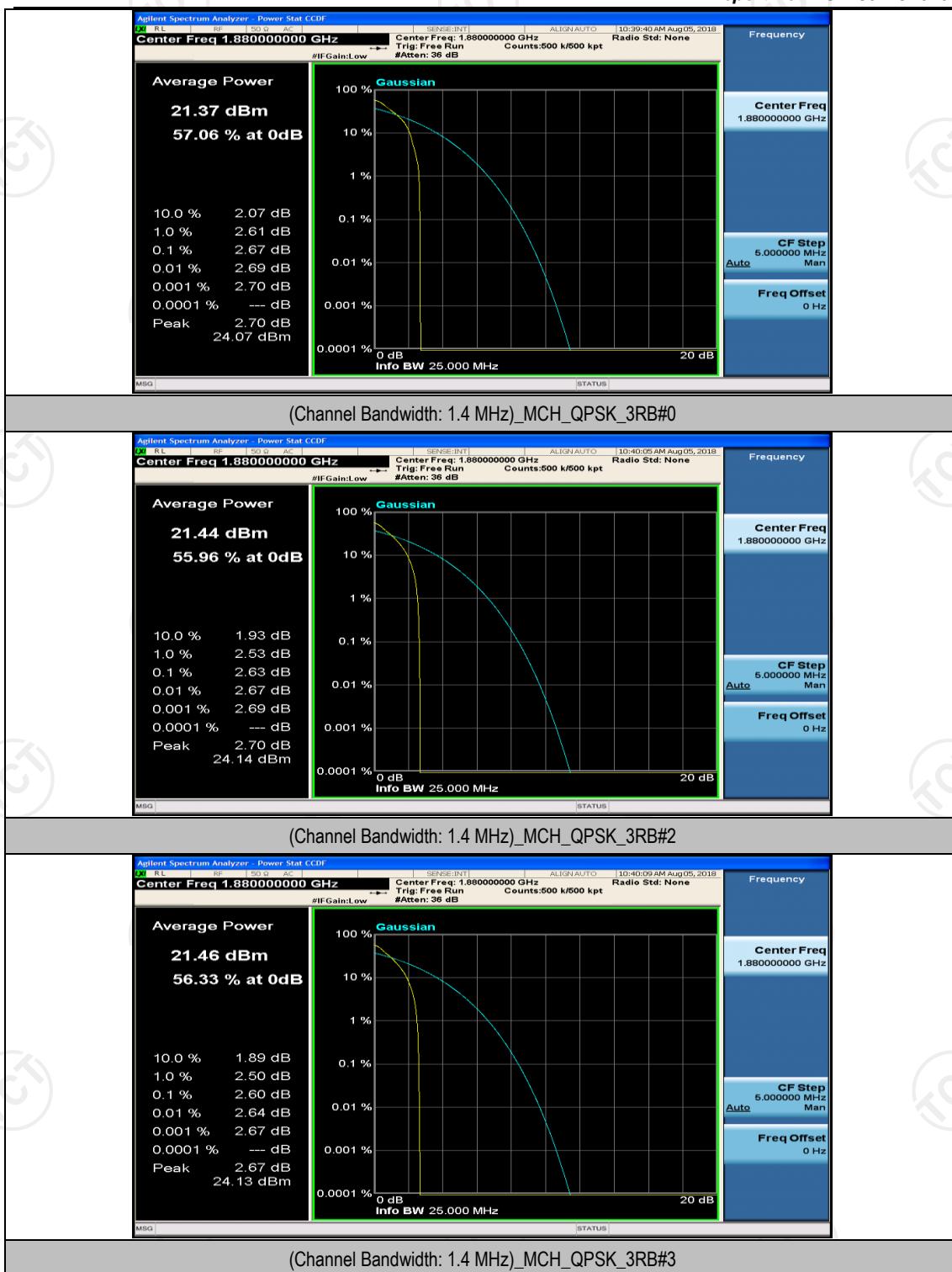
Test Graphs

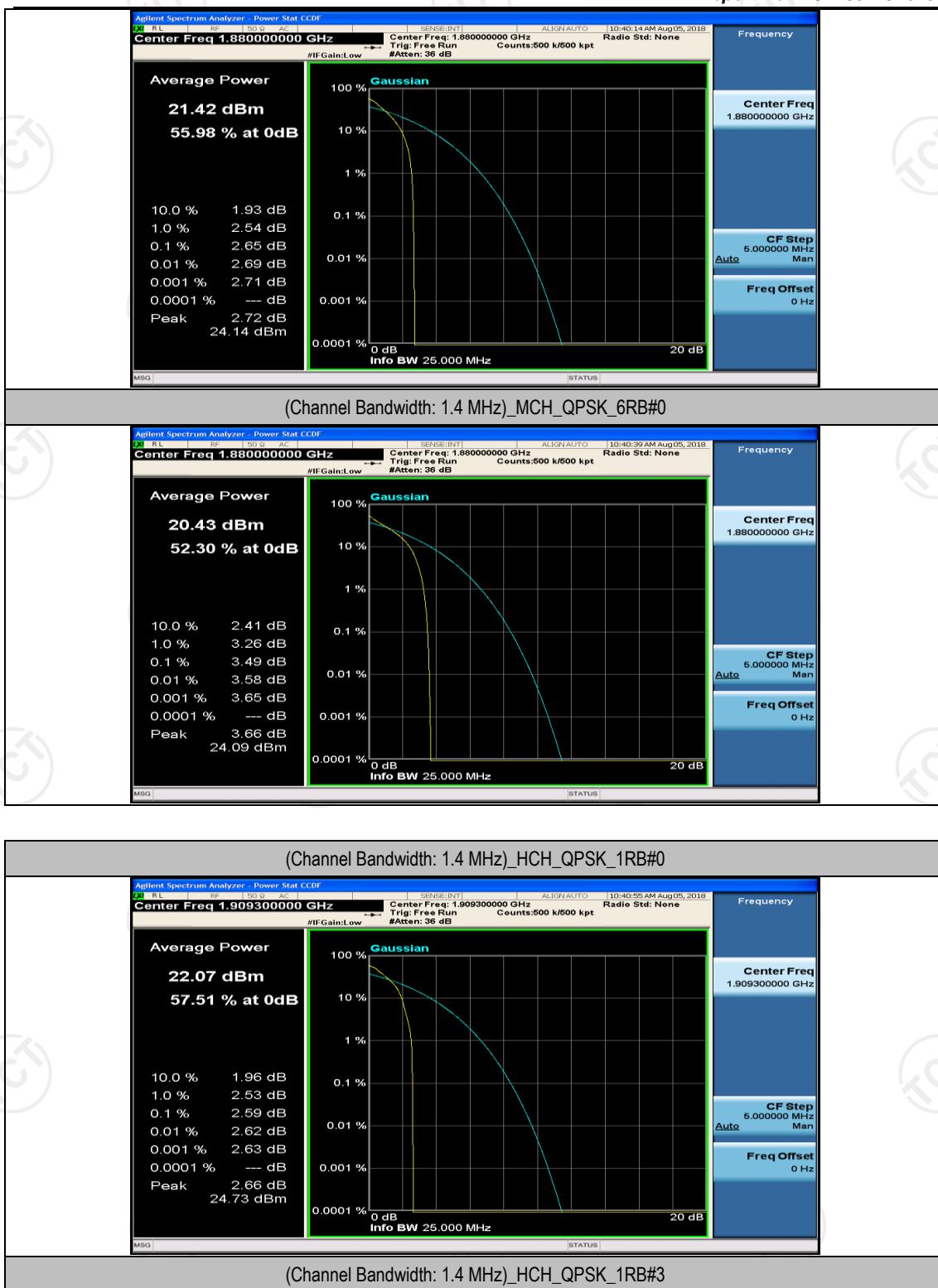
Channel Bandwidth: 1.4 MHz

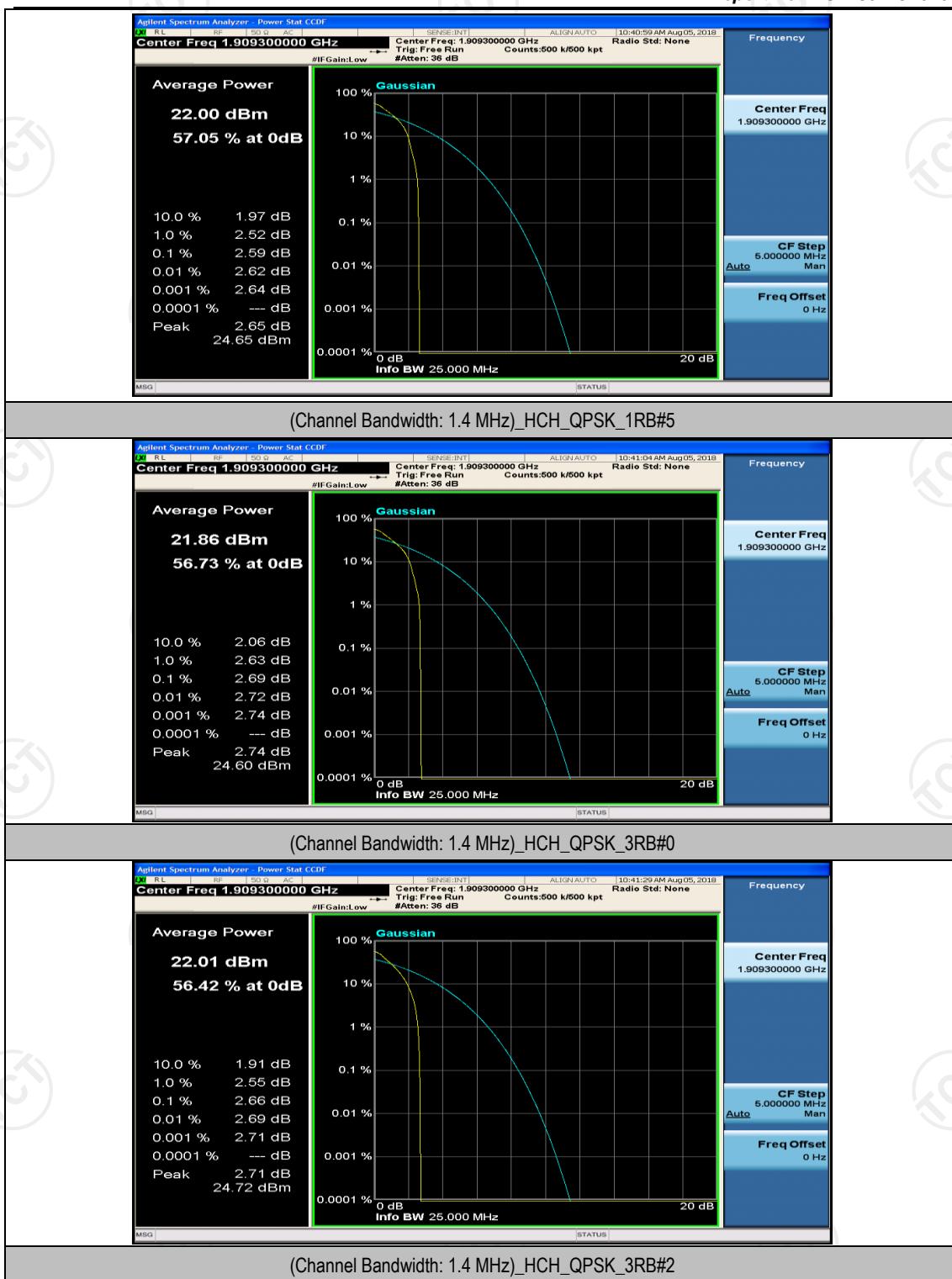


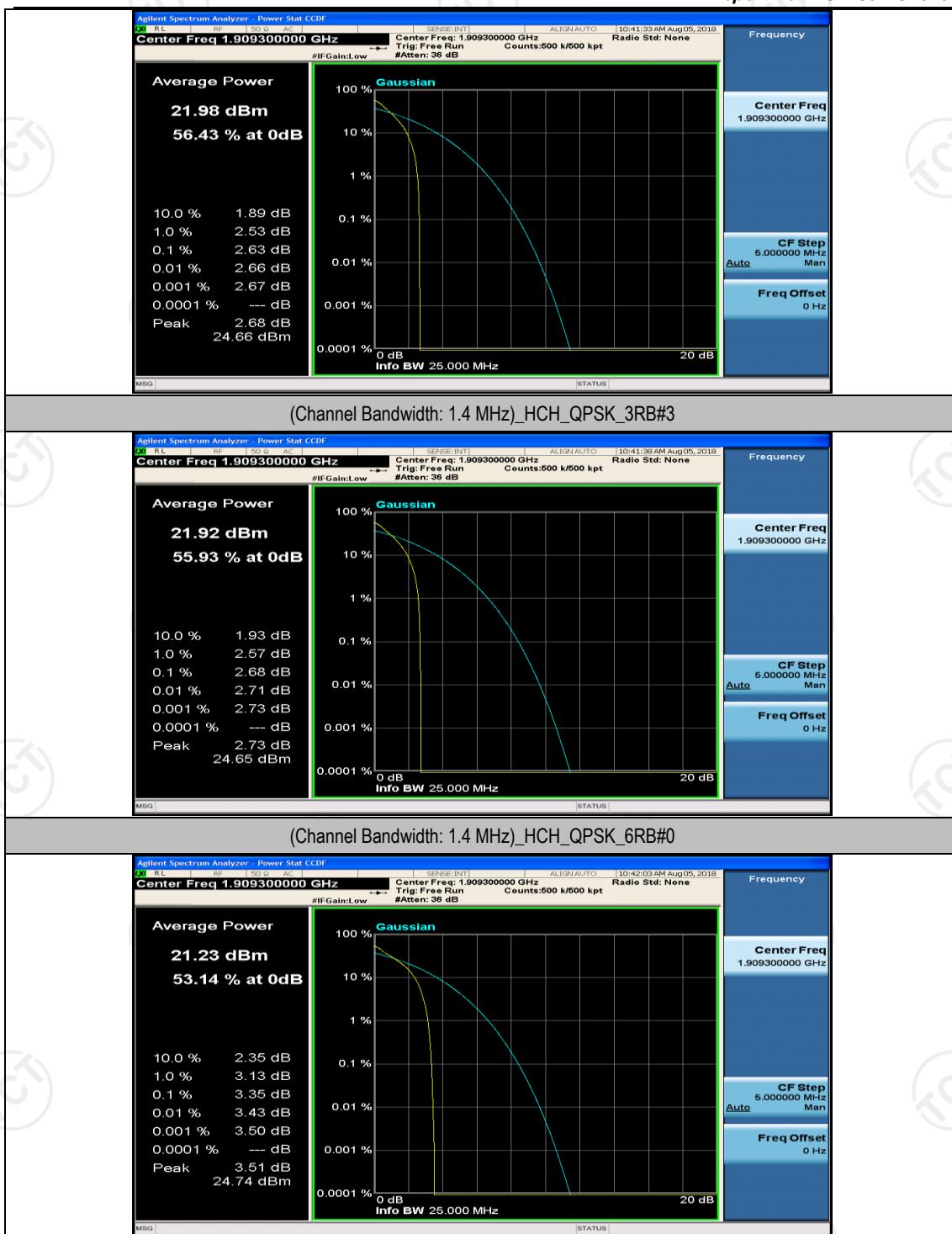


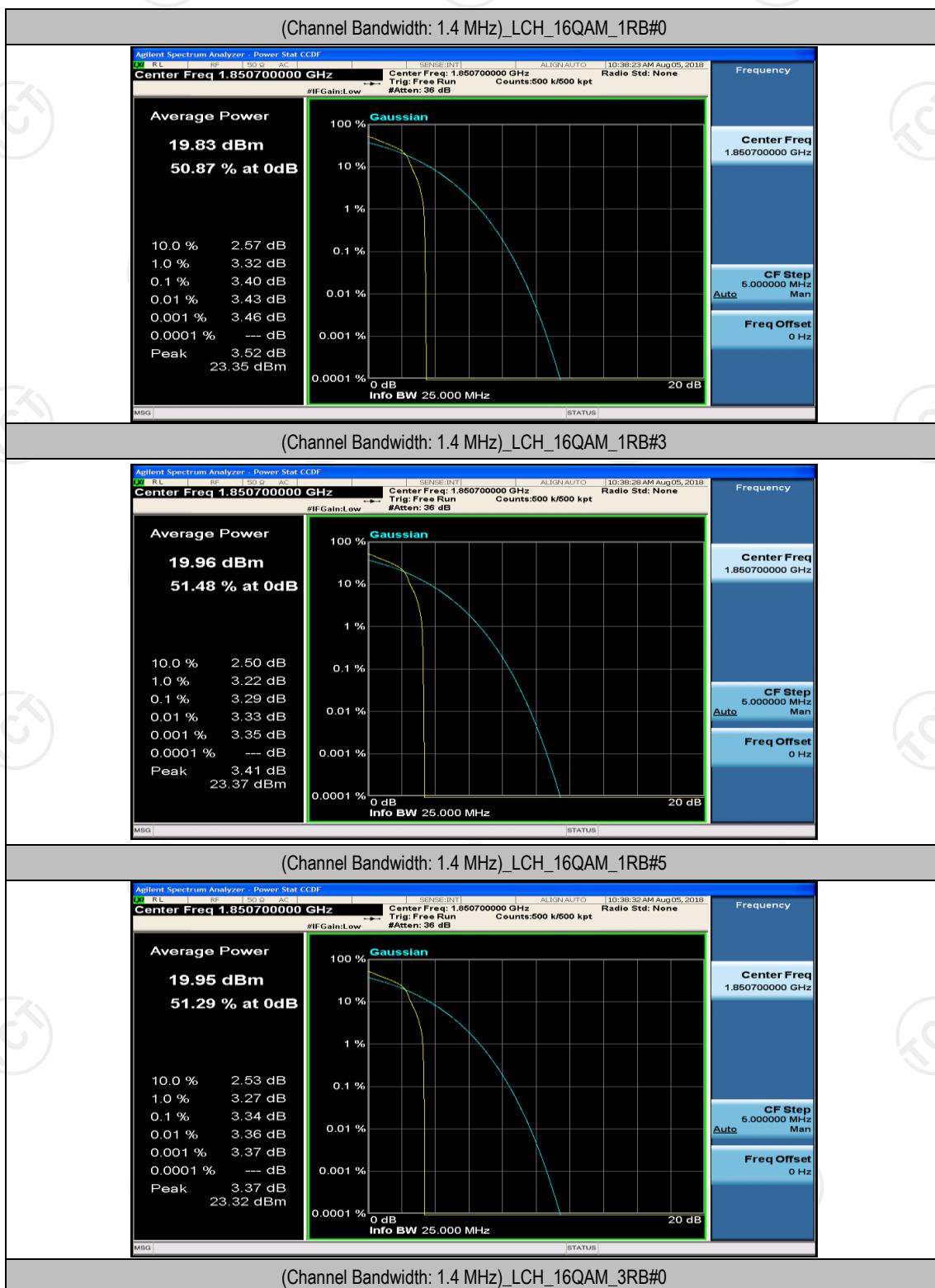


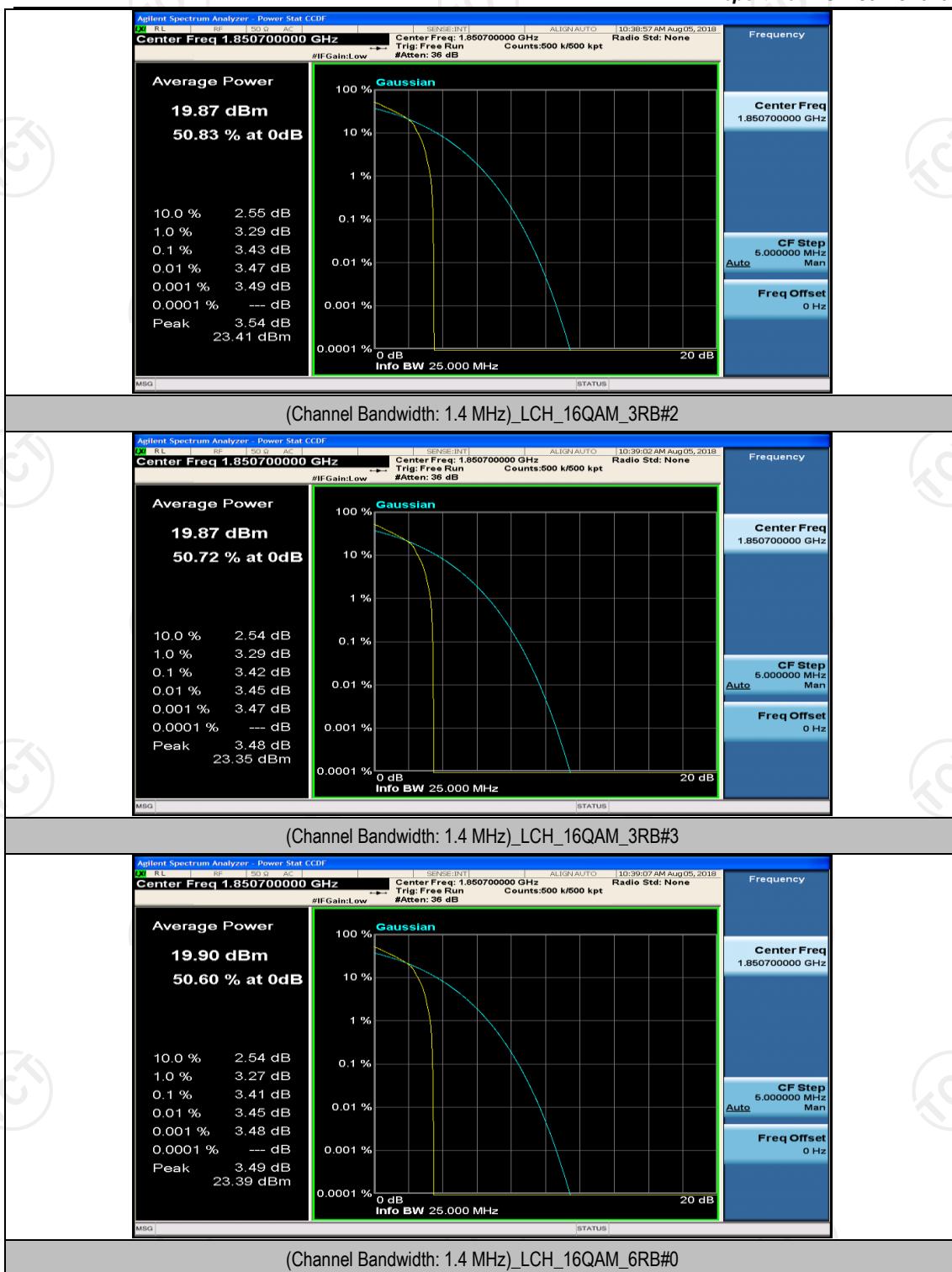


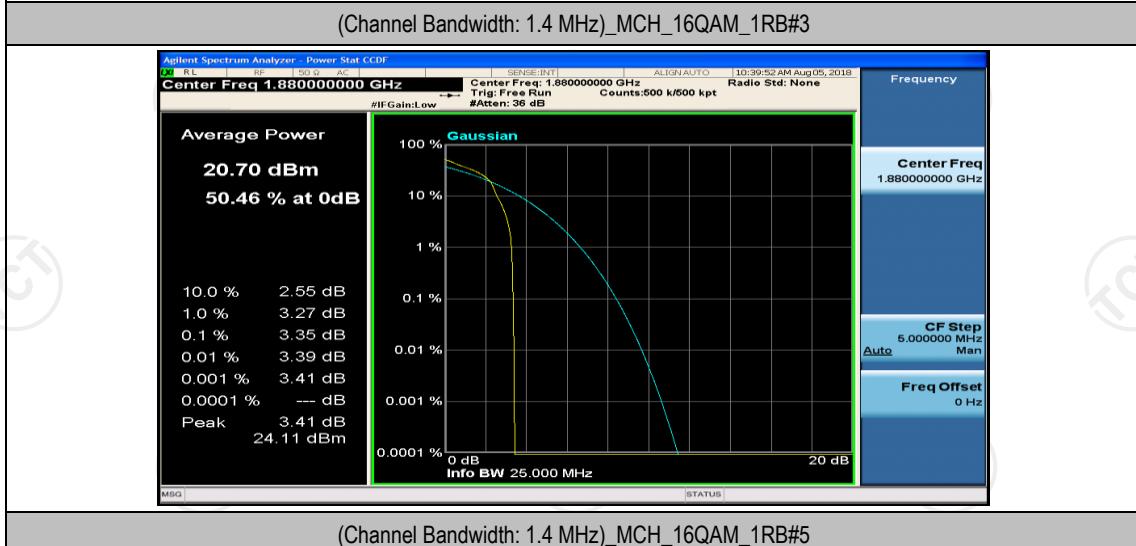
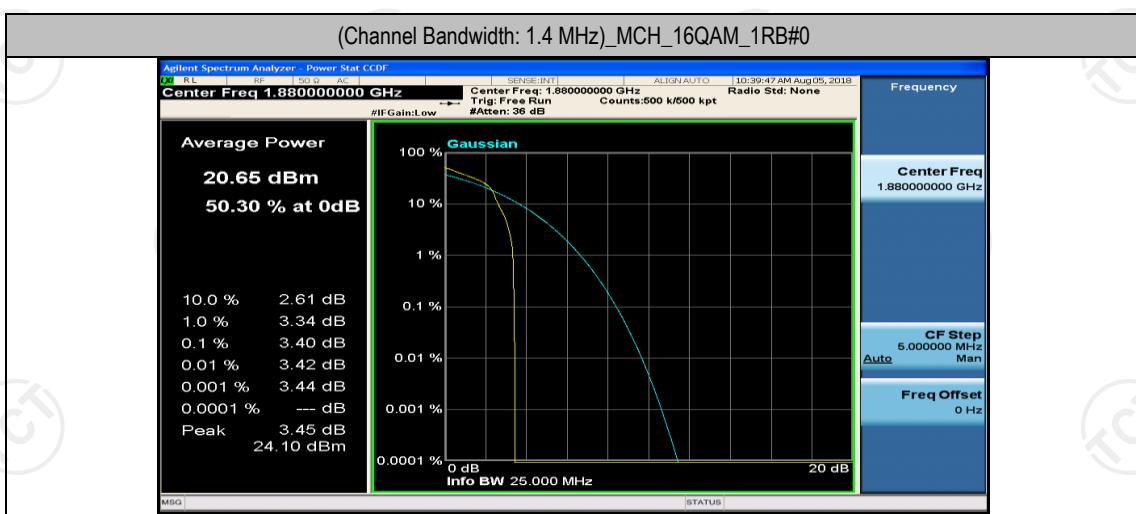
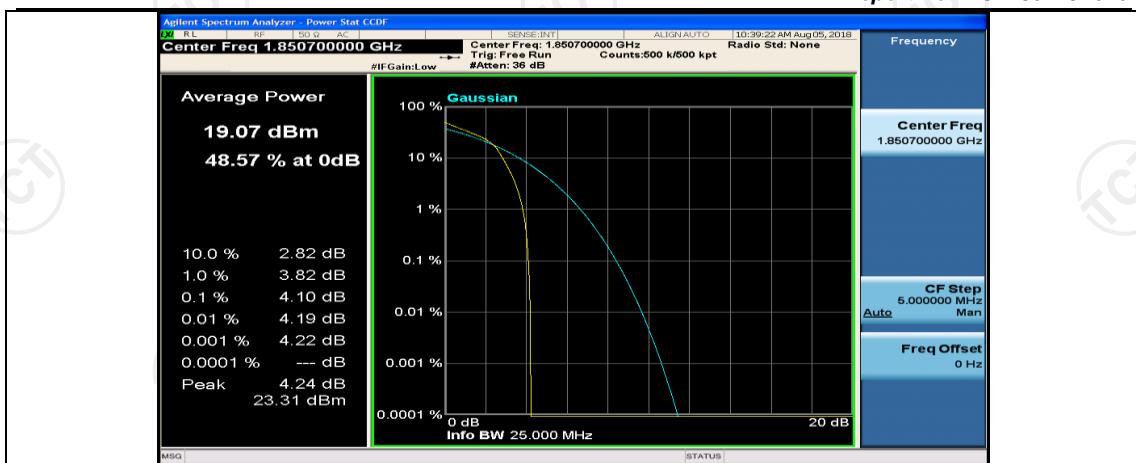




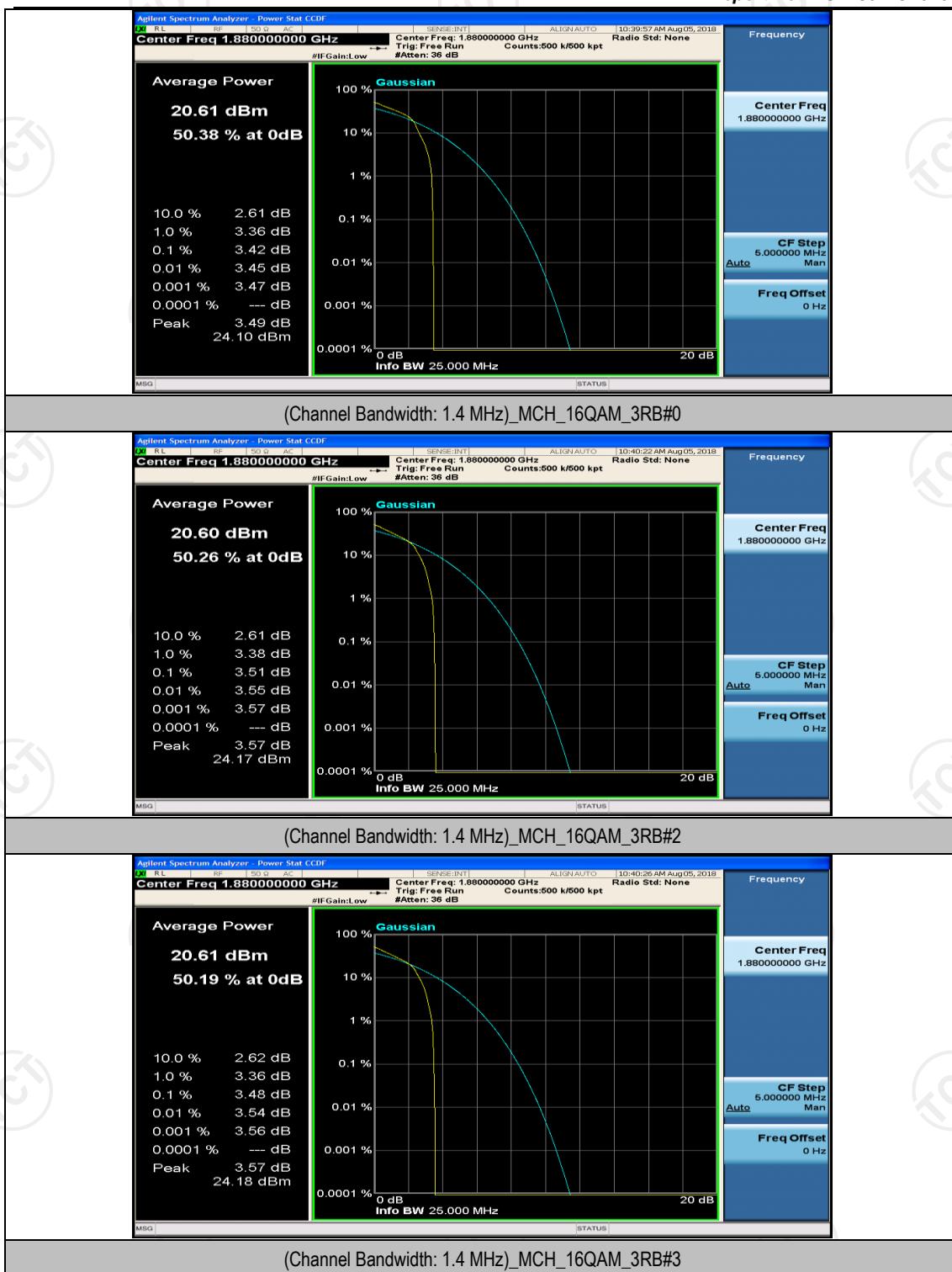


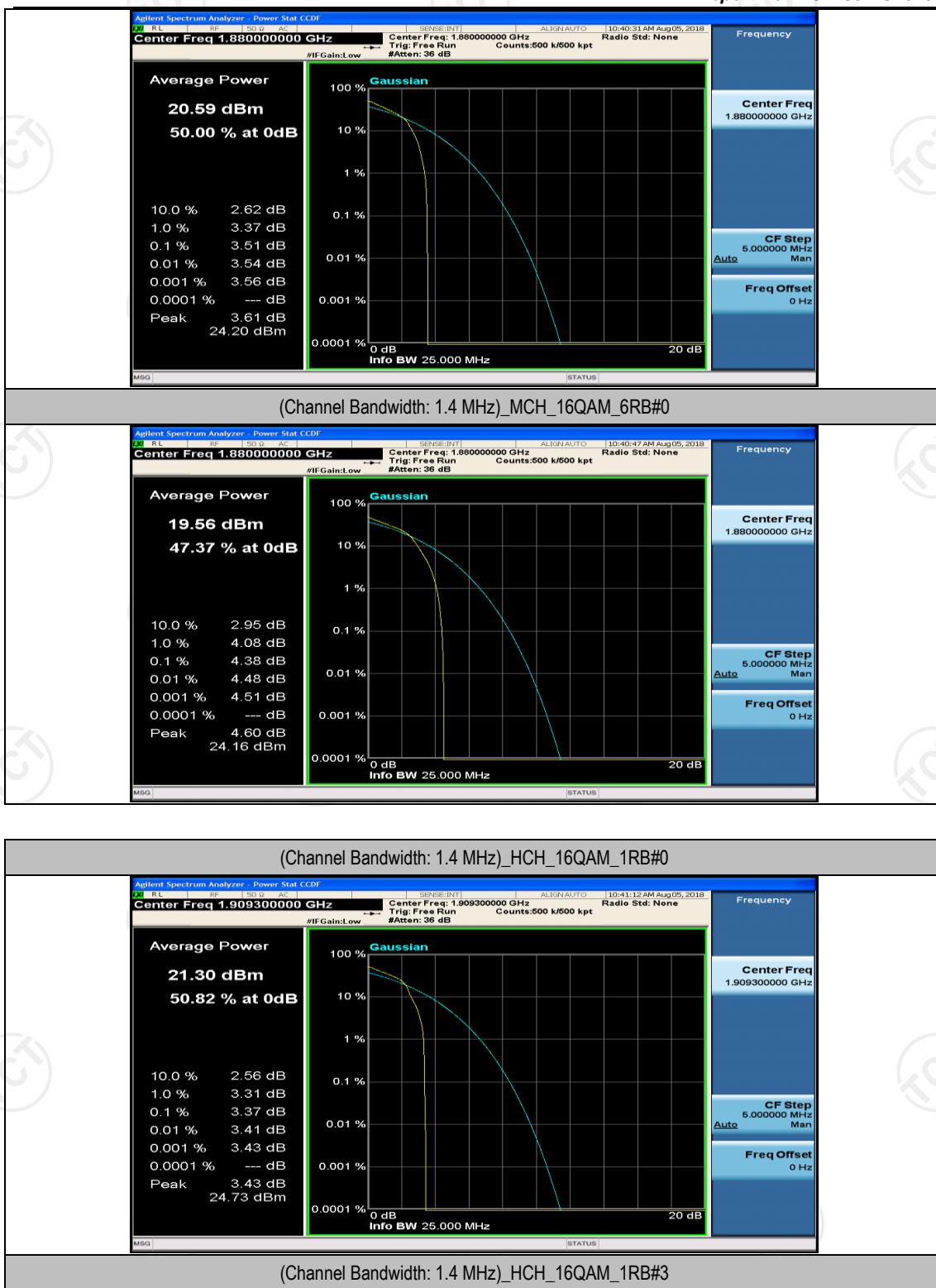


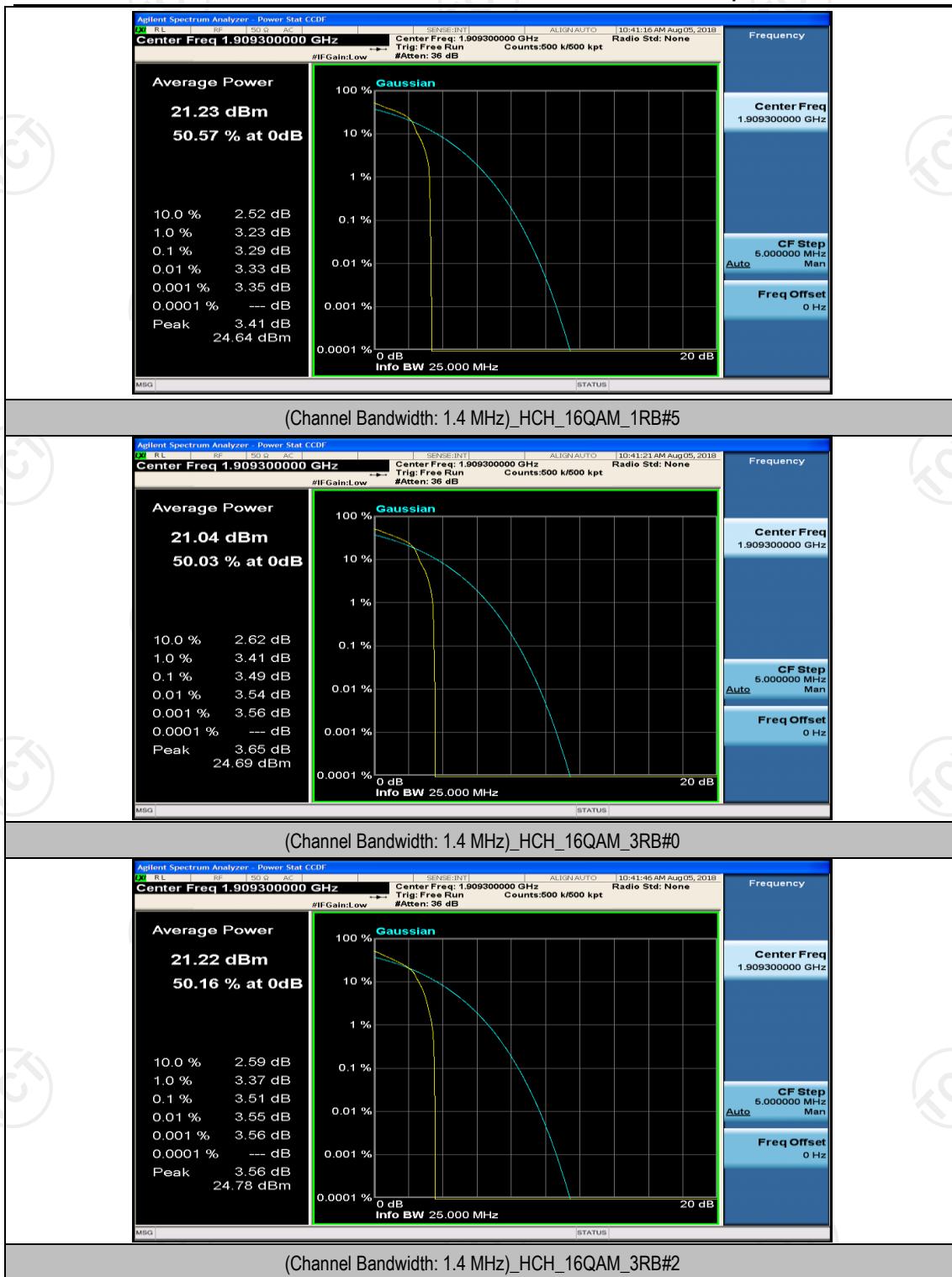


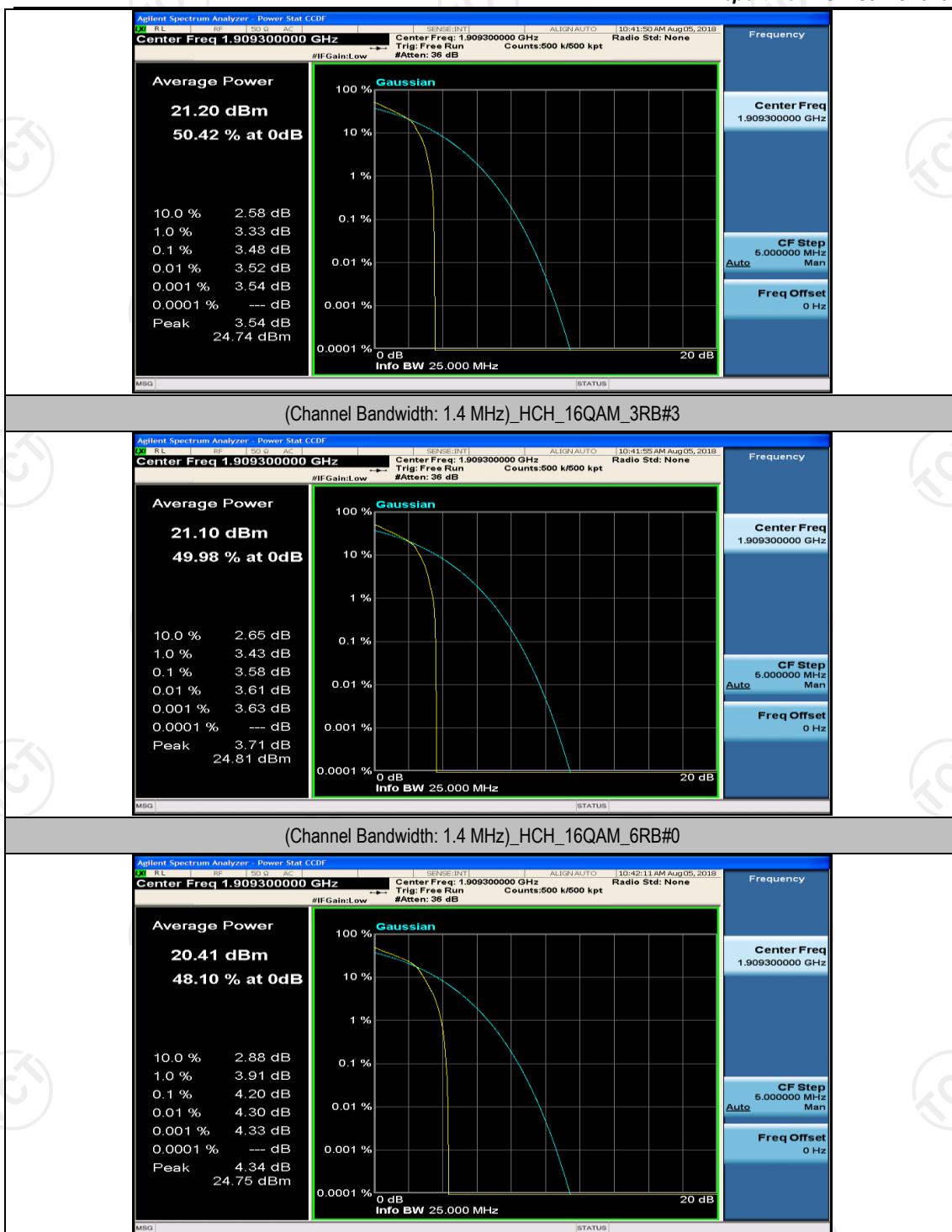


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

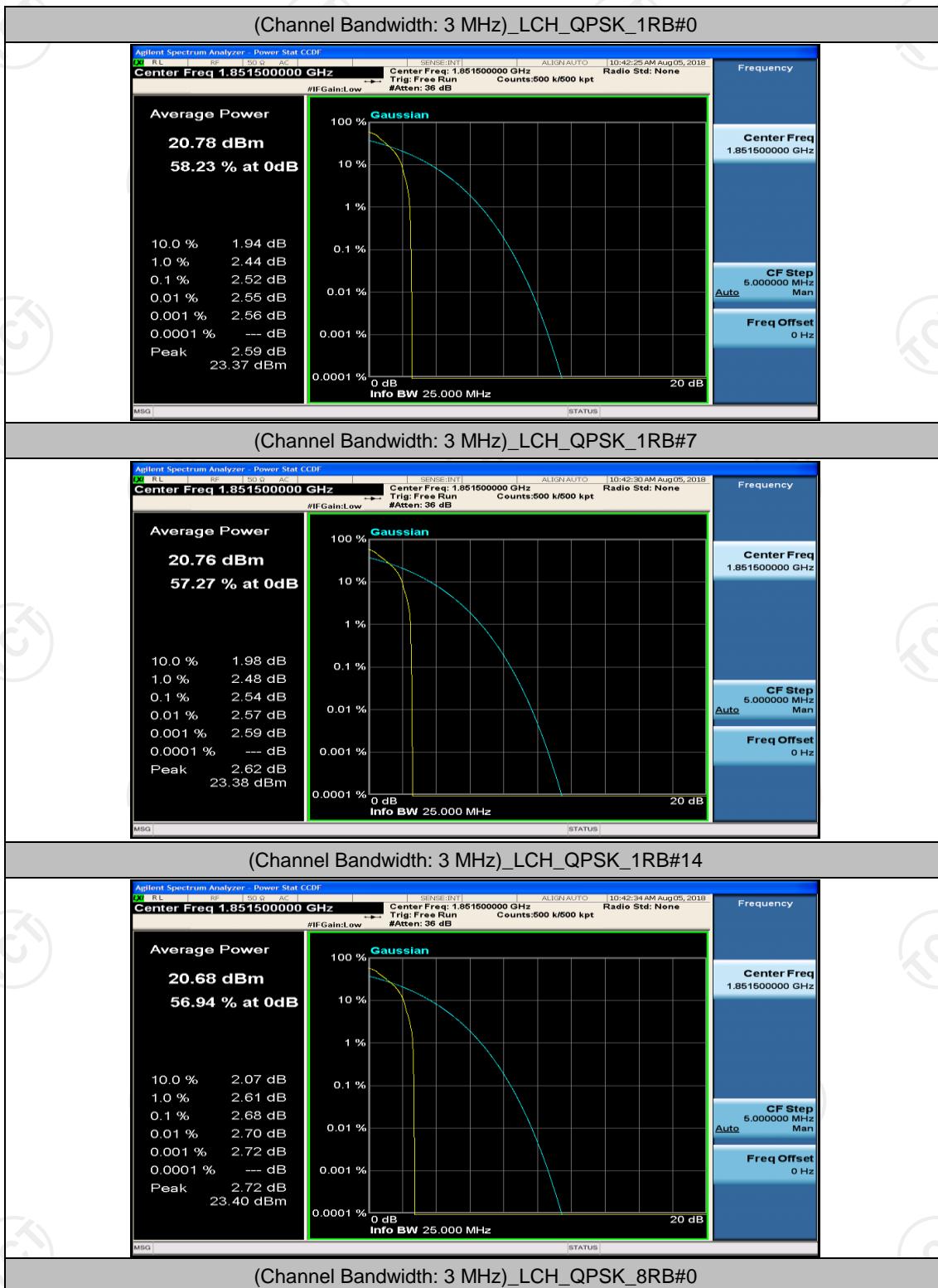


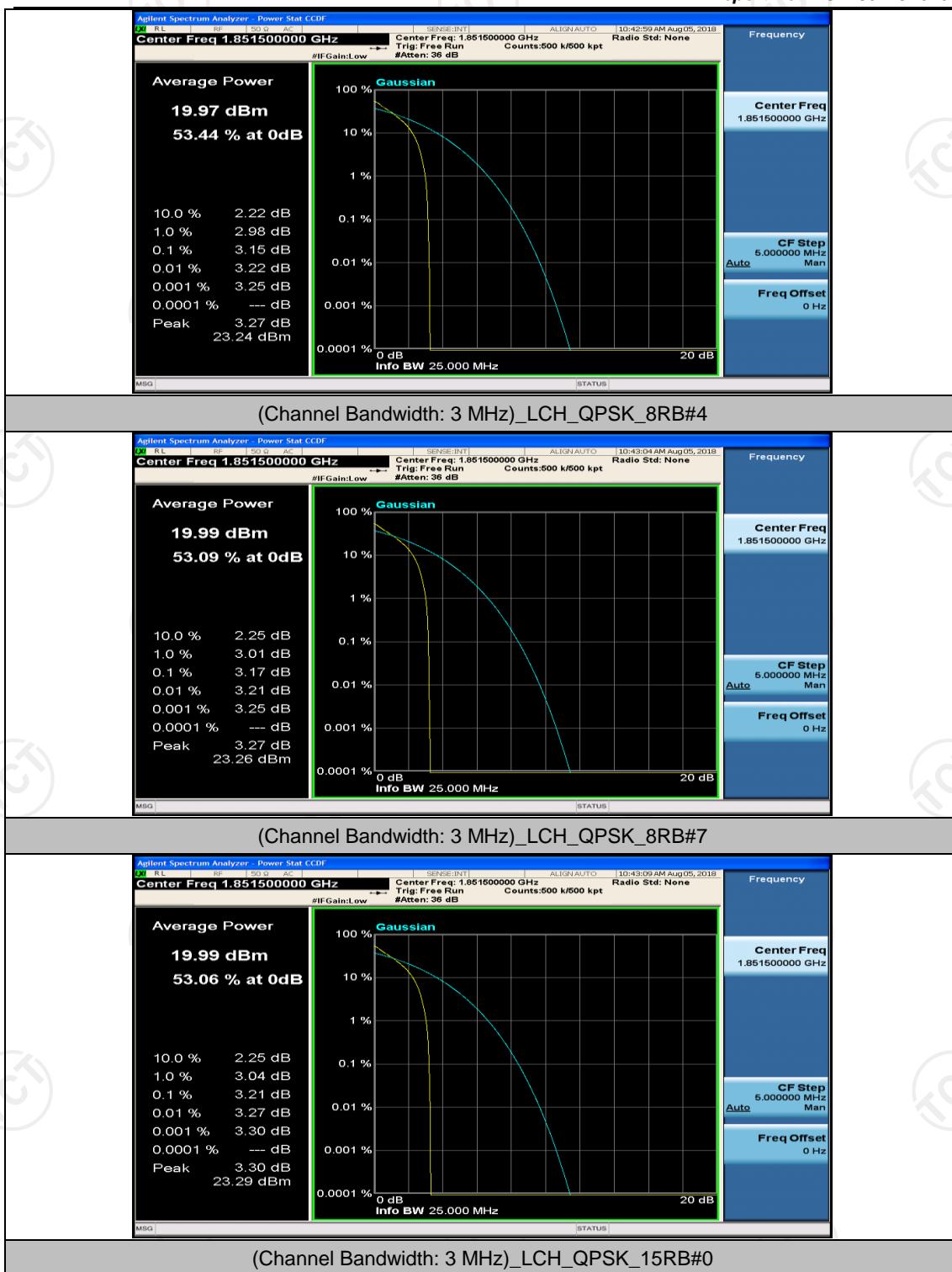


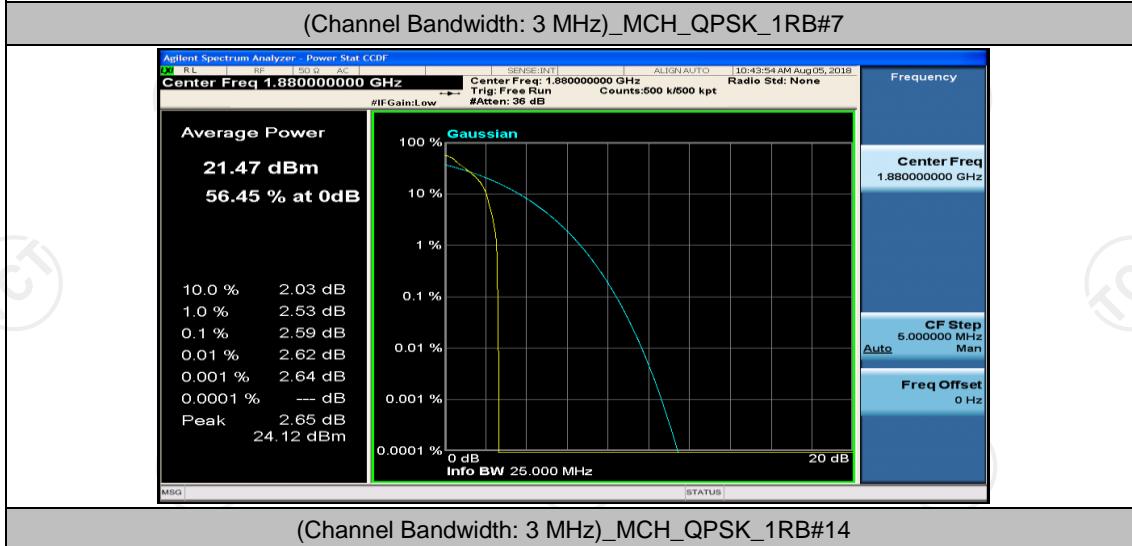
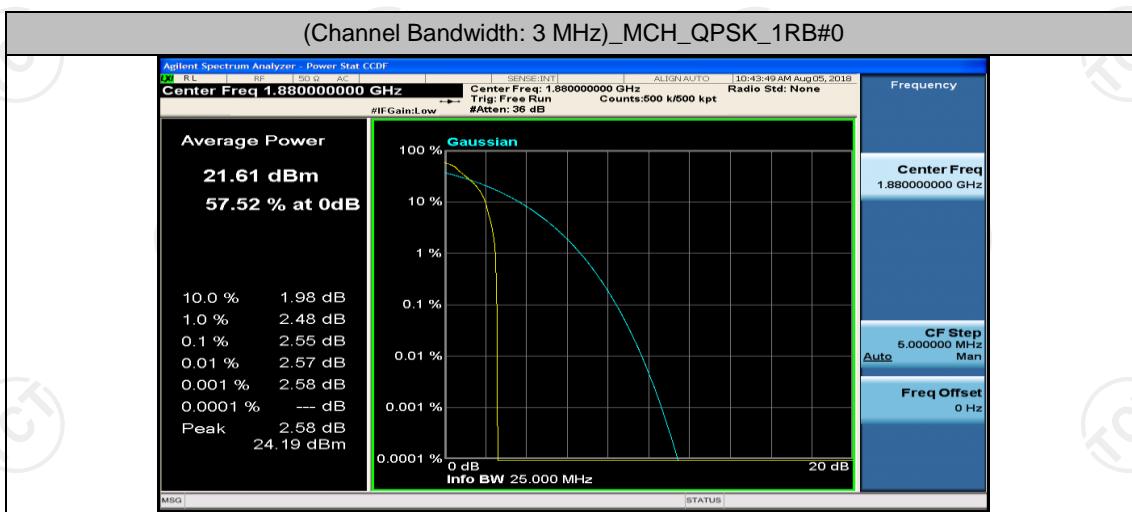
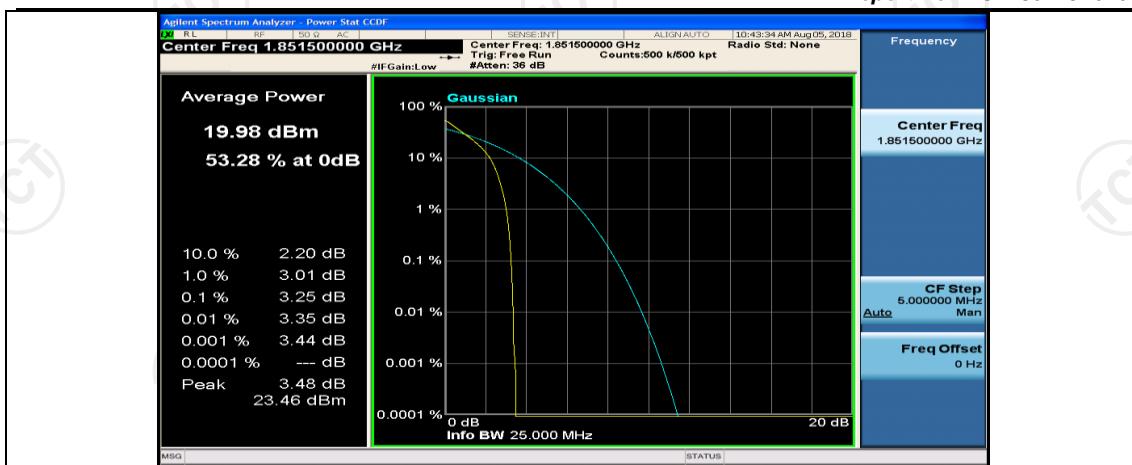


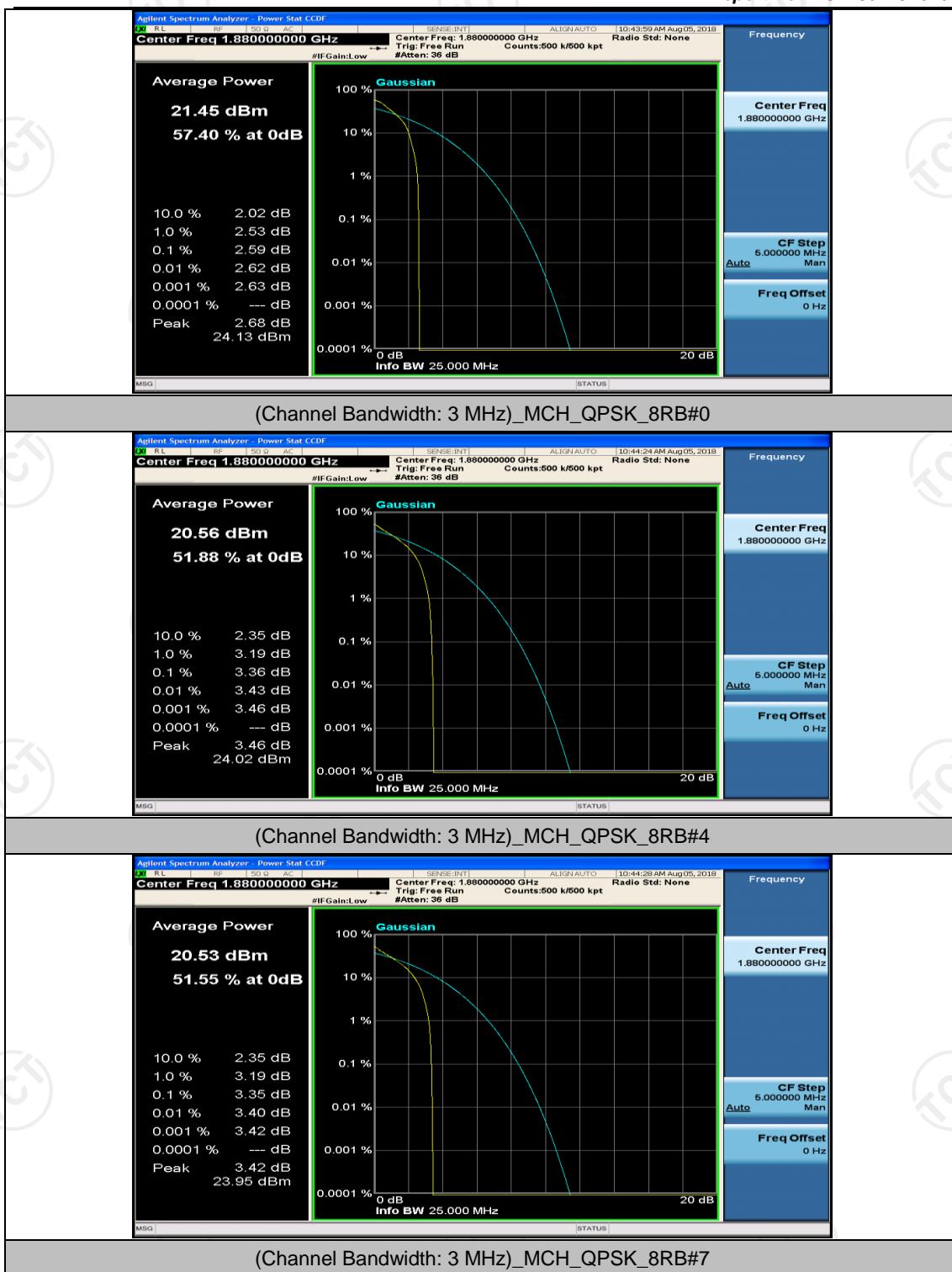


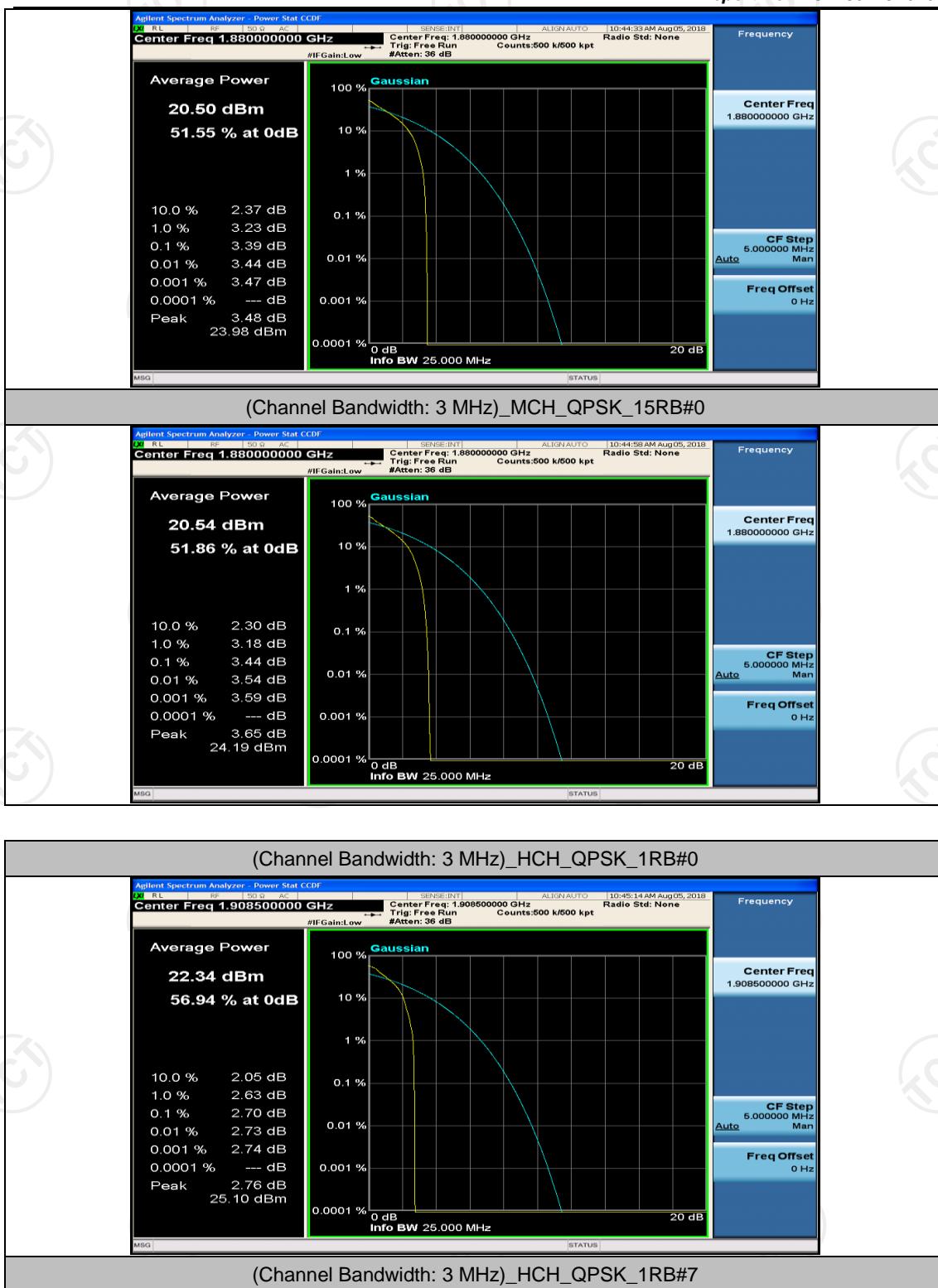
Channel Bandwidth: 3 MHz

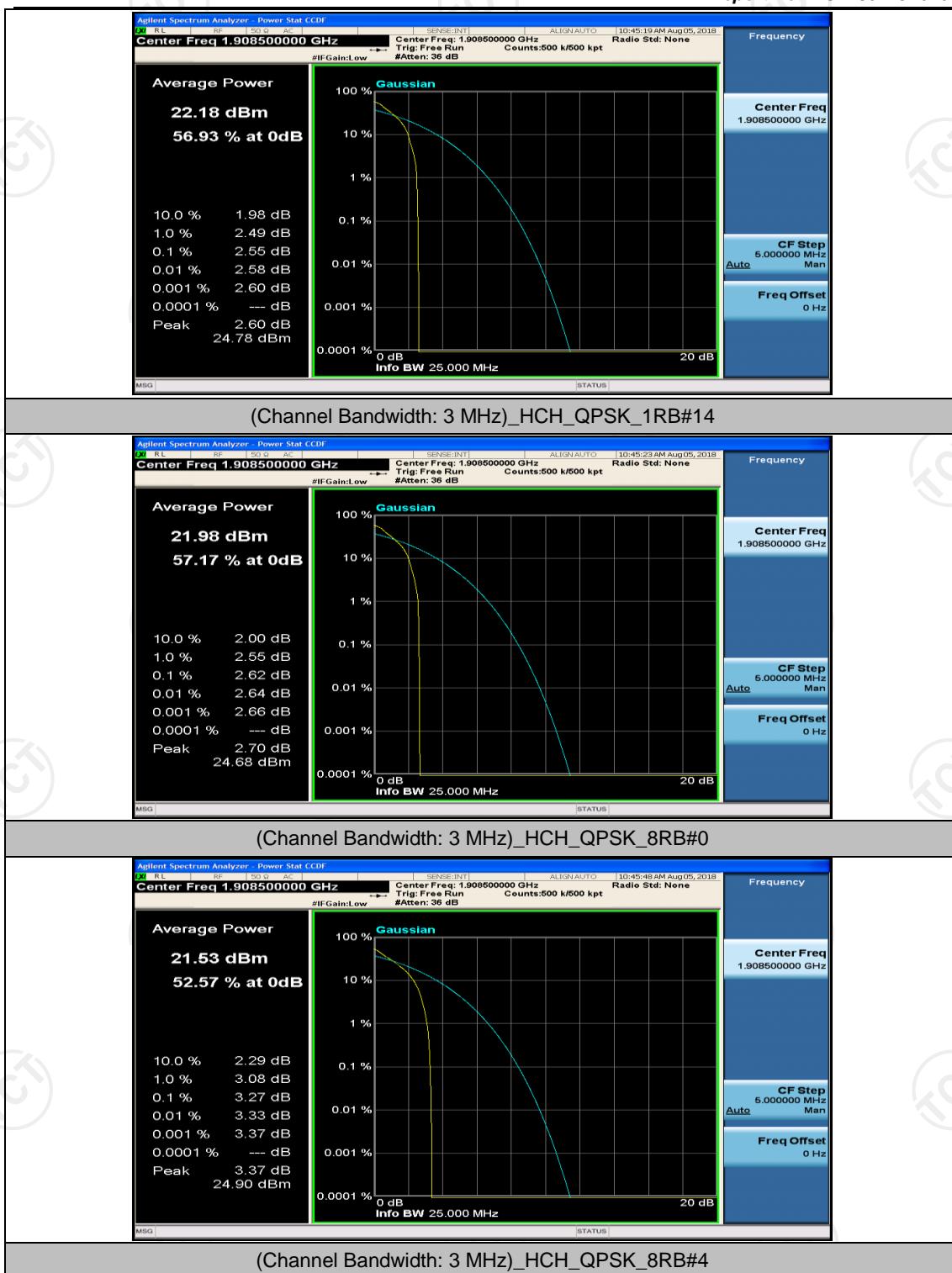


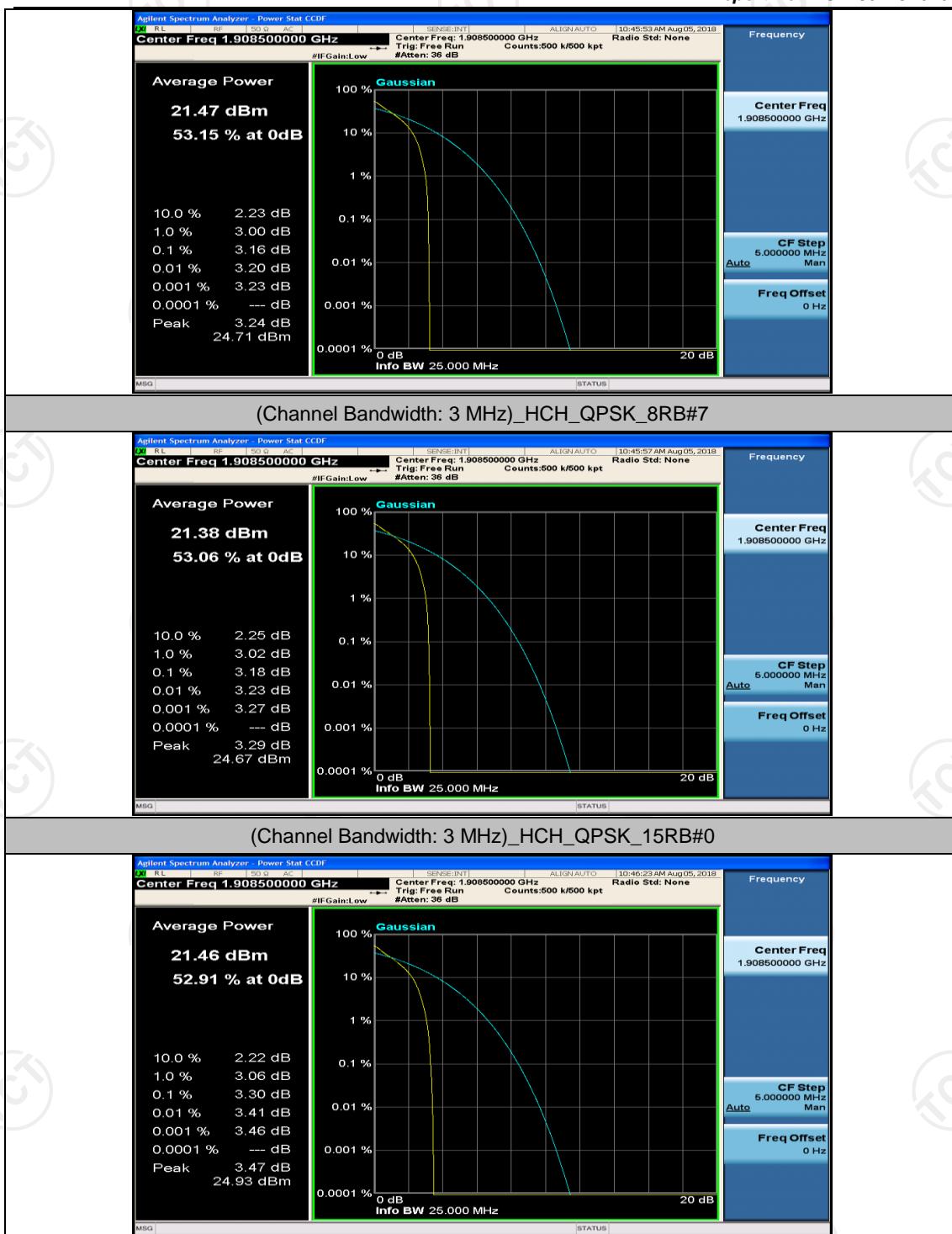


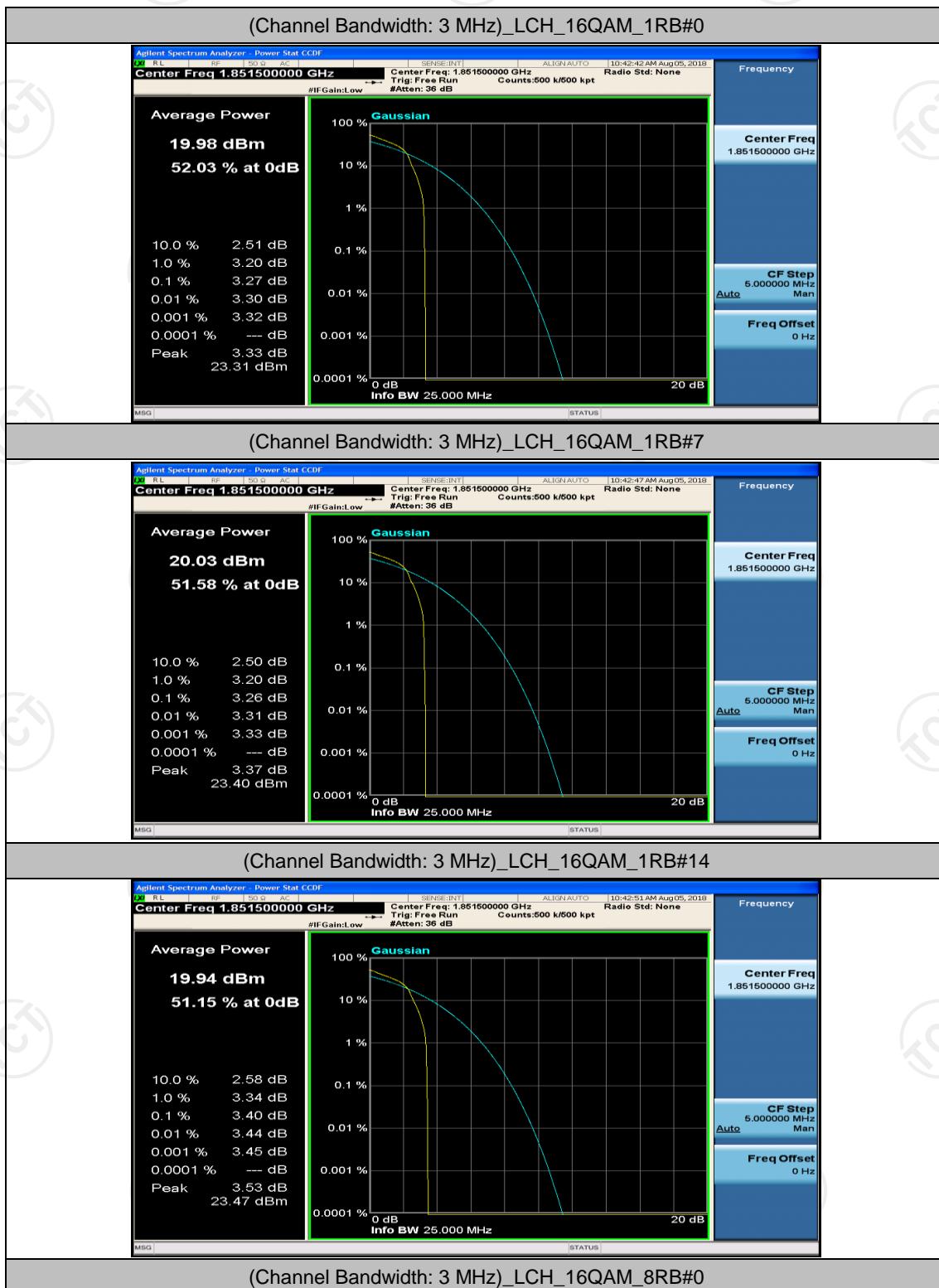


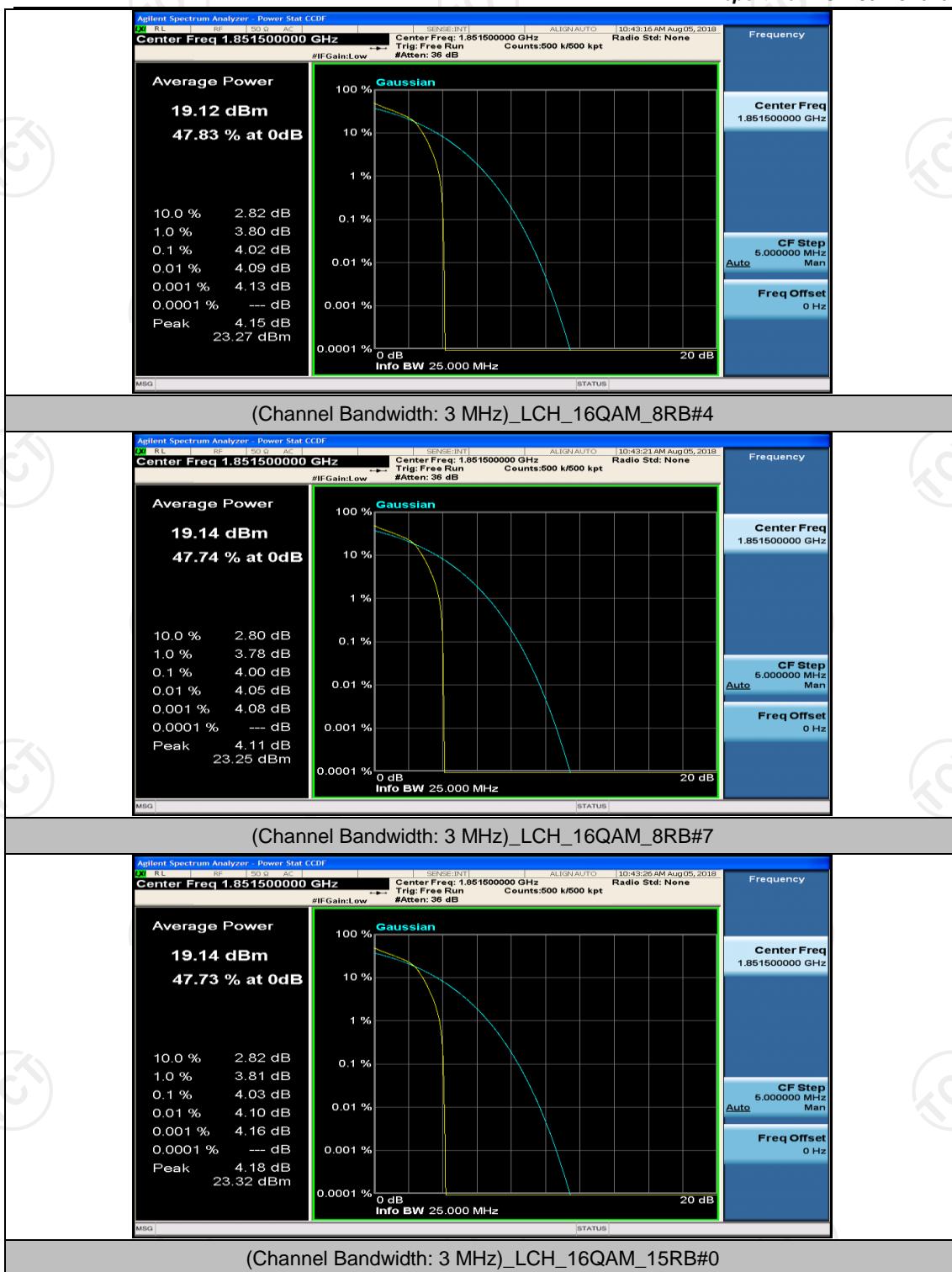


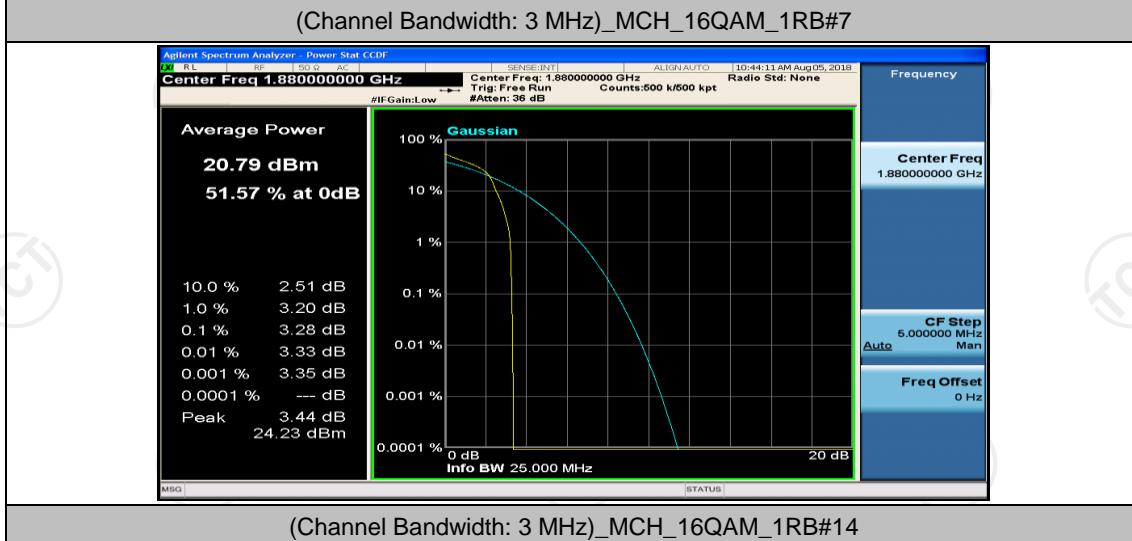
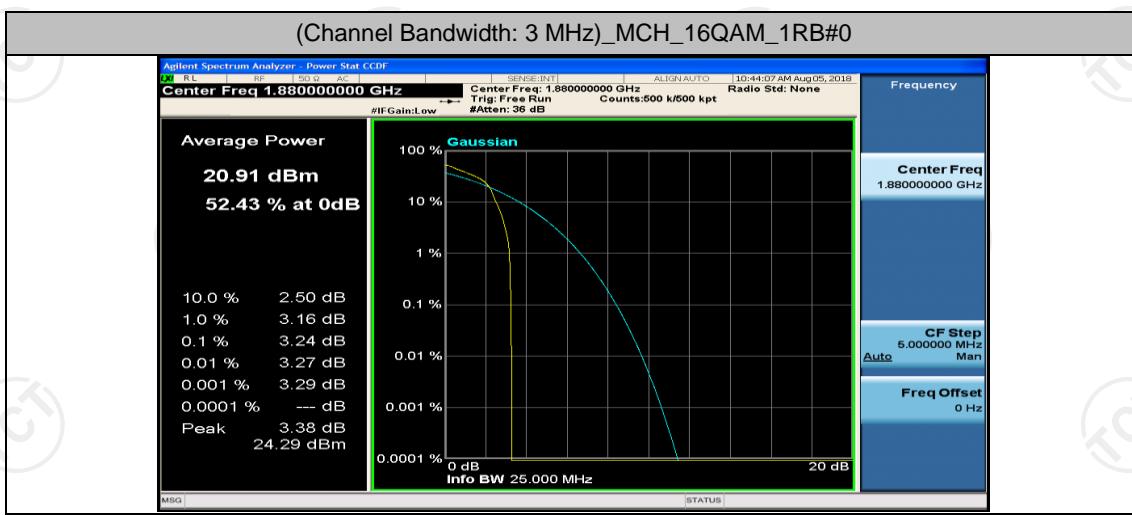
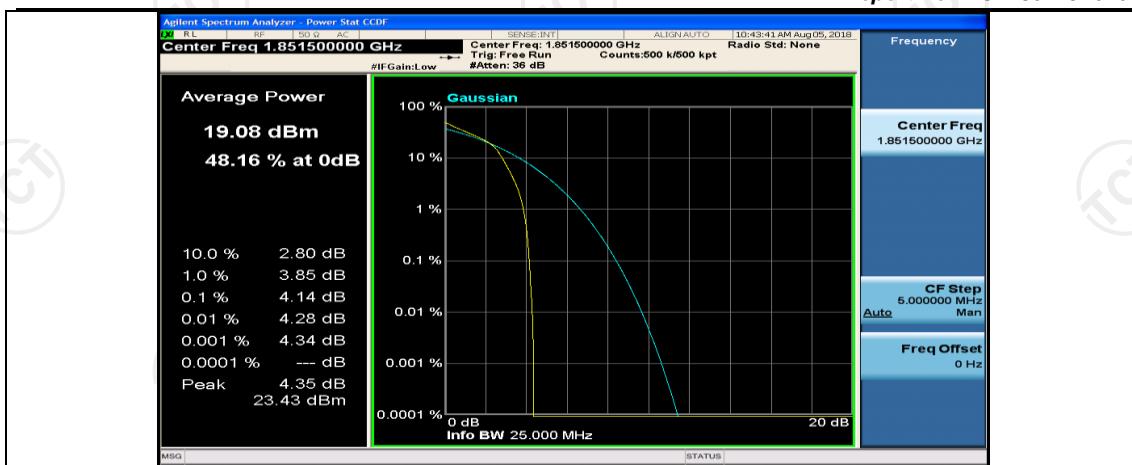




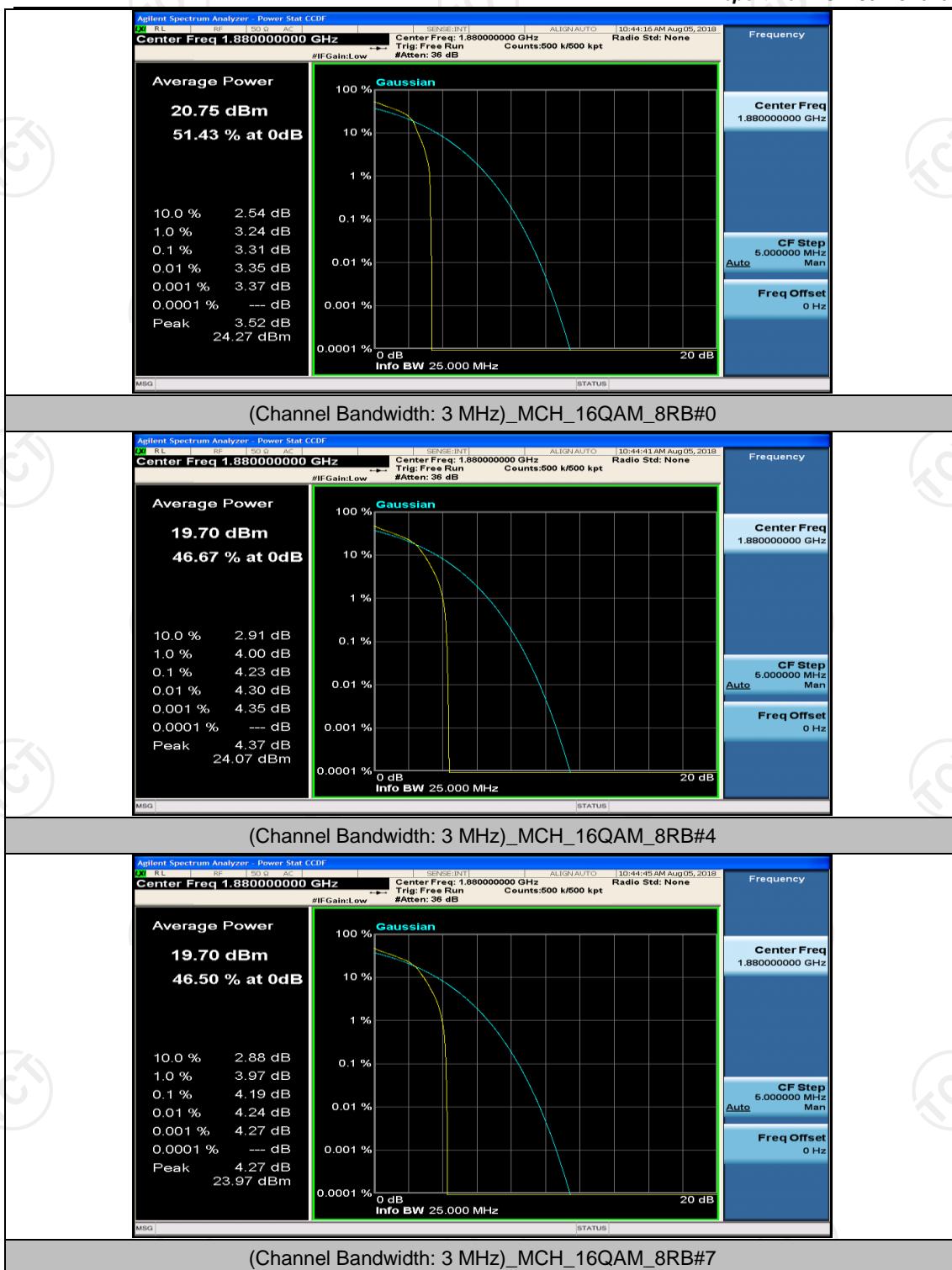


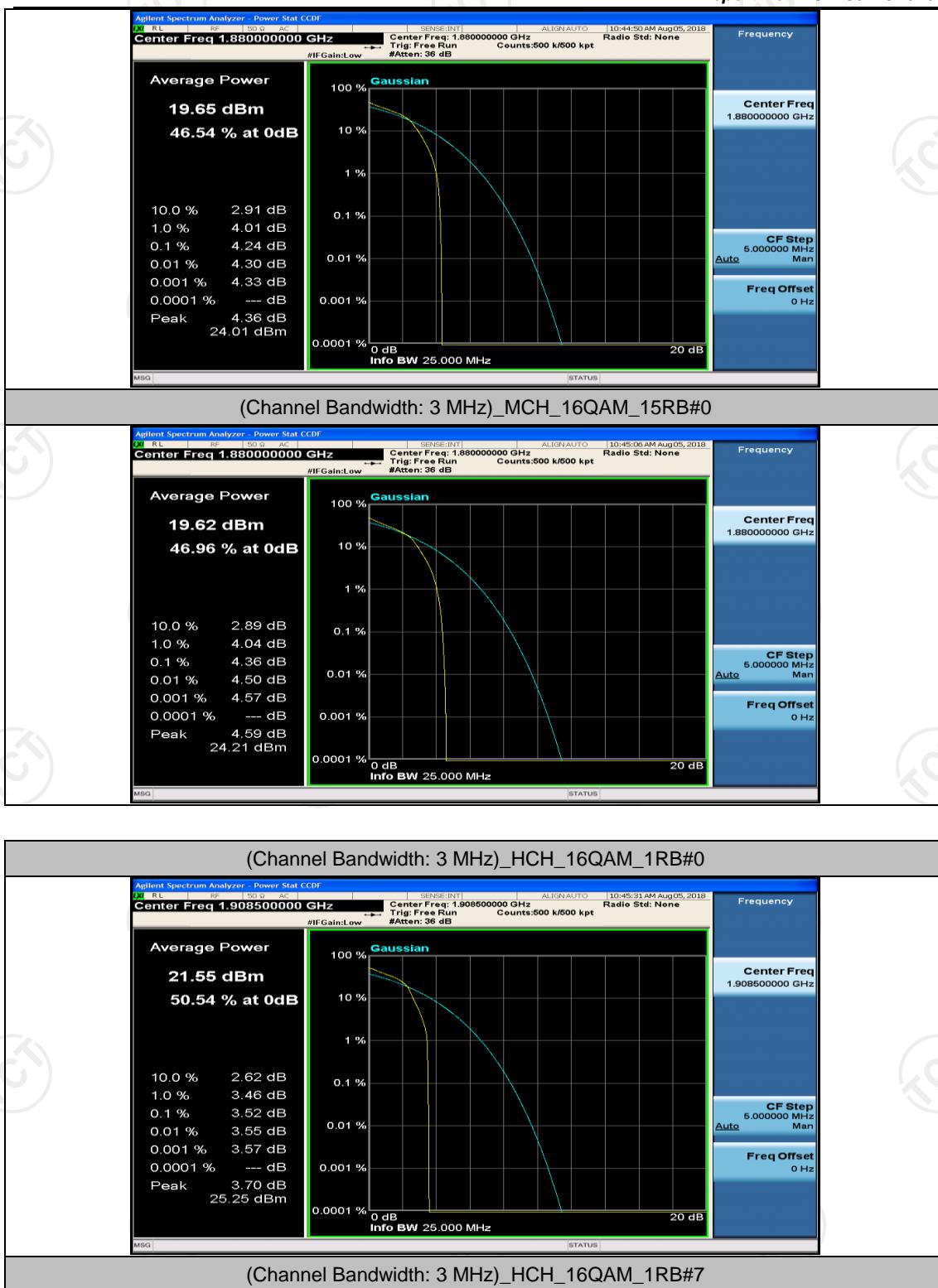


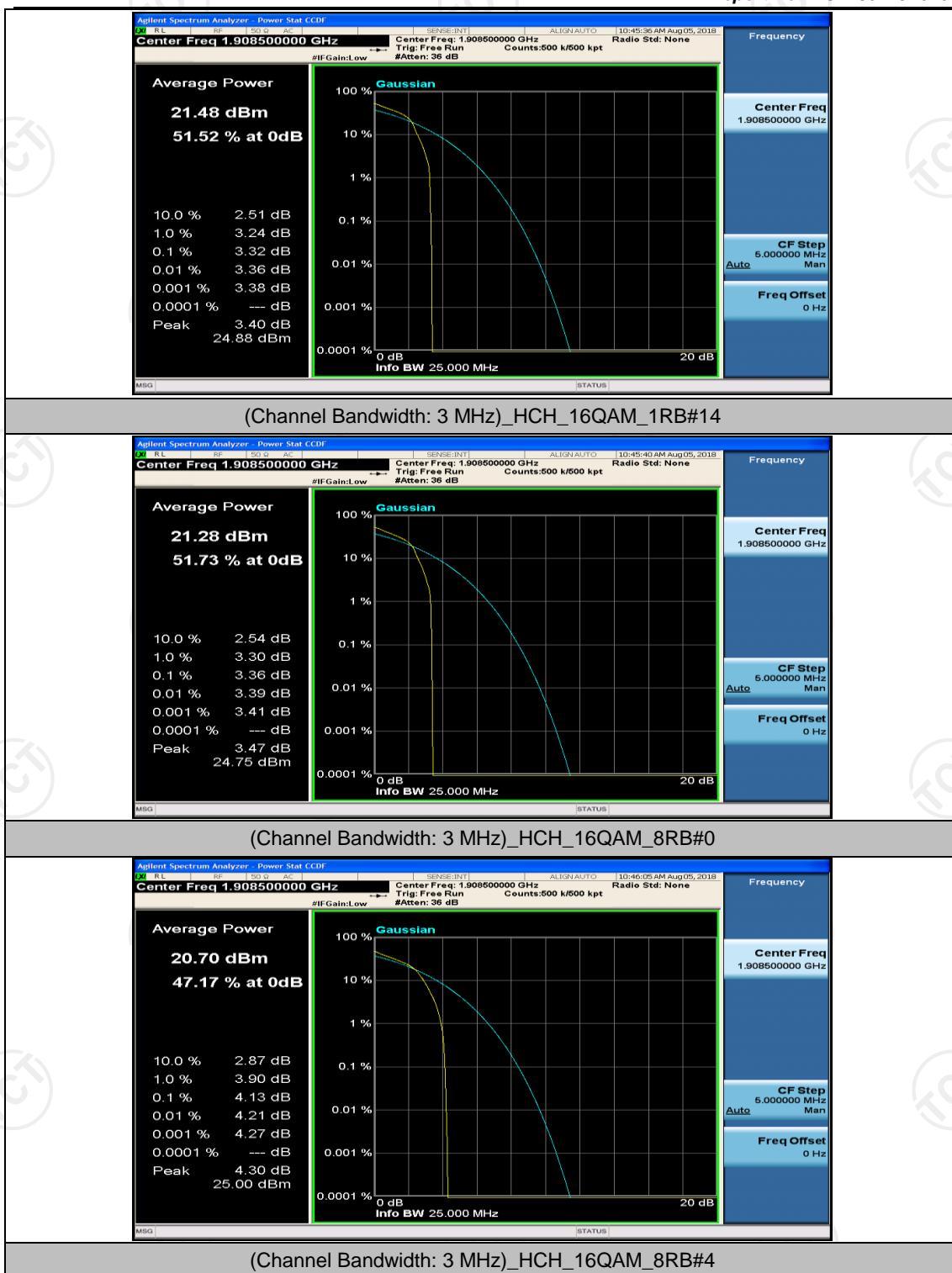


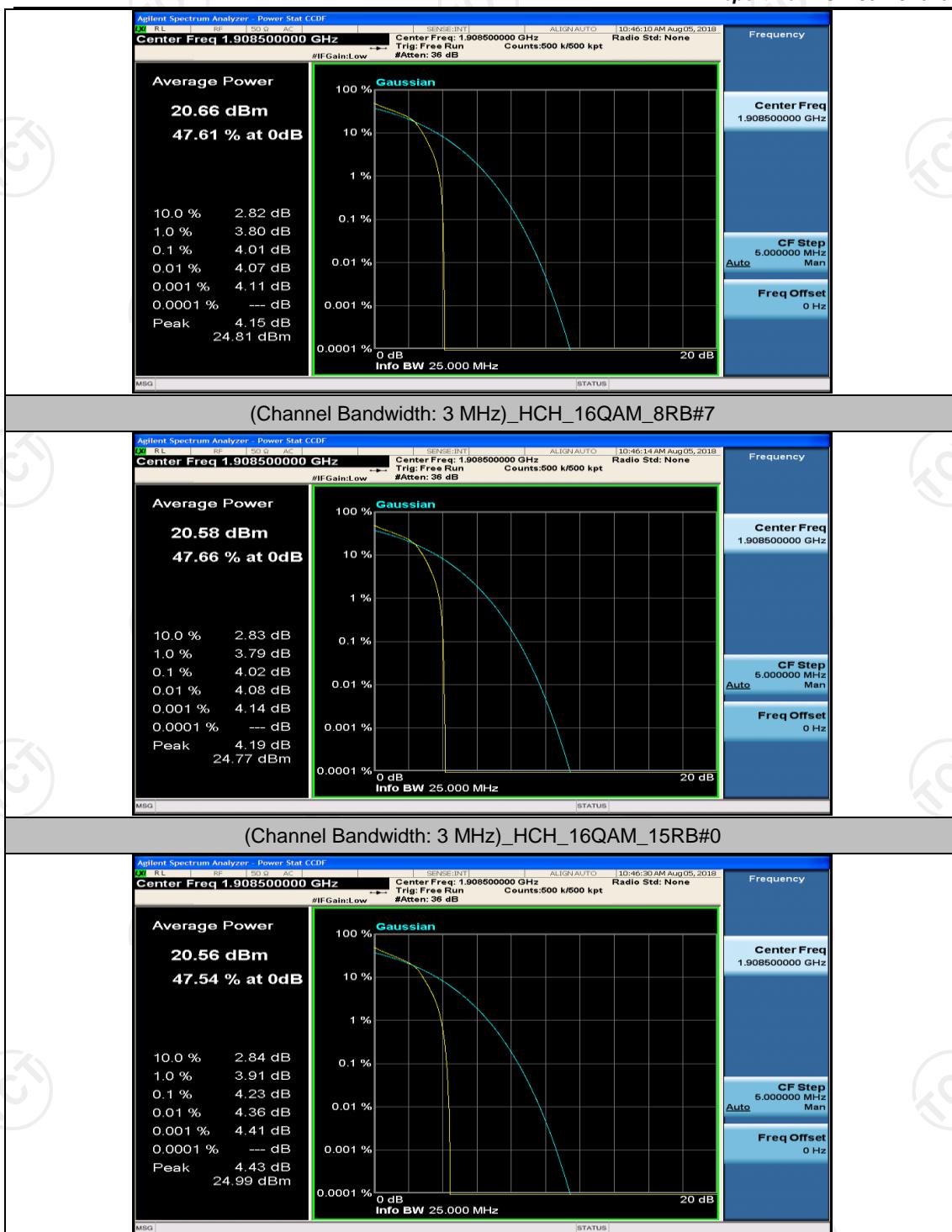


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14









Channel Bandwidth: 5 MHz

