

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	23.51	22.11	PASS
		1	3	23.66	22.26	PASS
		1	5	23.52	22.12	PASS
		3	0	23.57	22.17	PASS
		3	2	23.54	22.14	PASS
		3	3	23.59	22.19	PASS
		6	0	22.57	21.17	PASS
	MCH	1	0	23.43	22.03	PASS
		1	3	23.54	22.14	PASS
		1	5	23.43	22.03	PASS
		3	0	23.55	22.15	PASS
		3	2	23.55	22.15	PASS
		3	3	23.58	22.18	PASS
		6	0	22.51	21.11	PASS
16QAM	LCH	1	0	23.43	22.03	PASS
		1	3	23.62	22.22	PASS
		1	5	23.44	22.04	PASS
		3	0	23.56	22.16	PASS
		3	2	23.56	22.16	PASS
		3	3	23.59	22.19	PASS
		6	0	22.50	21.10	PASS
	MCH	1	0	22.52	21.12	PASS
		1	3	22.71	21.31	PASS
		1	5	22.55	21.15	PASS
		3	0	22.44	21.04	PASS
		3	2	22.42	21.02	PASS
		3	3	22.45	21.05	PASS
		6	0	21.59	20.19	PASS

	HCH	3	3	22.54	21.14	PASS
		6	0	21.41	20.01	PASS
		1	0	22.39	20.99	PASS
		1	3	22.55	21.15	PASS
		1	5	22.33	20.93	PASS
		3	0	22.42	21.02	PASS
		3	2	22.37	20.97	PASS
		3	3	22.36	20.96	PASS
		6	0	21.51	20.11	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	23.44	22.04	PASS
		1	7	23.50	22.10	PASS
		1	14	23.47	22.07	PASS
		8	0	22.53	21.13	PASS
		8	4	22.53	21.13	PASS
		8	7	22.56	21.16	PASS
		15	0	22.53	21.13	PASS
	MCH	1	0	23.53	22.13	PASS
		1	7	23.48	22.08	PASS
		1	14	23.42	22.02	PASS
		8	0	22.51	21.11	PASS
		8	4	22.49	21.09	PASS
		8	7	22.53	21.13	PASS
		15	0	22.51	21.11	PASS
	HCH	1	0	23.46	22.06	PASS
		1	7	23.51	22.11	PASS
		1	14	23.51	22.11	PASS
		8	0	22.63	21.23	PASS
		8	4	22.59	21.19	PASS
		8	7	22.56	21.16	PASS
		15	0	22.51	21.11	PASS
16QAM	LCH	1	0	22.60	21.20	PASS
		1	7	22.68	21.28	PASS
		1	14	22.68	21.28	PASS
		8	0	21.60	20.20	PASS
		8	4	21.59	20.19	PASS
		8	7	21.63	20.23	PASS

		15	0	21.59	20.19	PASS
MCH		1	0	22.74	21.34	PASS
		1	7	22.68	21.28	PASS
		1	14	22.60	21.20	PASS
		8	0	21.54	20.14	PASS
		8	4	21.54	20.14	PASS
		8	7	21.56	20.16	PASS
		15	0	21.44	20.04	PASS
HCH		1	0	22.33	20.93	PASS
		1	7	22.44	21.04	PASS
		1	14	22.43	21.03	PASS
		8	0	21.64	20.24	PASS
		8	4	21.64	20.24	PASS
		8	7	21.56	20.16	PASS
		15	0	21.42	20.02	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	23.48	22.08	PASS
		1	12	23.60	22.20	PASS
		1	24	23.53	22.13	PASS
		12	0	22.54	21.14	PASS
		12	6	22.54	21.14	PASS
		12	13	22.43	21.03	PASS
		25	0	22.47	21.07	PASS
QPSK	MCH	1	0	23.48	22.08	PASS
		1	12	23.61	22.21	PASS
		1	24	23.44	22.04	PASS
		12	0	22.49	21.09	PASS
		12	6	22.53	21.13	PASS
		12	13	22.66	21.26	PASS
		25	0	22.57	21.17	PASS
QPSK	HCH	1	0	23.42	22.02	PASS
		1	12	23.58	22.18	PASS
		1	24	23.47	22.07	PASS
		12	0	22.62	21.22	PASS
		12	6	22.58	21.18	PASS
		12	13	22.29	20.89	PASS
		25	0	22.53	21.13	PASS

16QAM	LCH	1	0	22.45	21.05	PASS
		1	12	22.66	21.26	PASS
		1	24	22.52	21.12	PASS
		12	0	21.56	20.16	PASS
		12	6	21.58	20.18	PASS
		12	13	21.44	20.04	PASS
		25	0	21.50	20.10	PASS
	MCH	1	0	22.72	21.32	PASS
		1	12	22.82	21.42	PASS
		1	24	22.60	21.2	PASS
		12	0	21.55	20.15	PASS
		12	6	21.54	20.14	PASS
		12	13	21.73	20.33	PASS
		25	0	21.61	20.21	PASS
	HCH	1	0	22.45	21.05	PASS
		1	12	22.56	21.16	PASS
		1	24	22.52	21.12	PASS
		12	0	21.64	20.24	PASS
		12	6	21.63	20.23	PASS
		12	13	21.39	19.99	PASS
		25	0	21.59	20.19	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	23.48	22.08	PASS
		1	24	23.59	22.19	PASS
		1	49	23.47	22.07	PASS
		25	0	22.84	21.44	PASS
		25	12	22.84	21.44	PASS
		25	25	22.70	21.30	PASS
		50	0	22.76	21.36	PASS
	MCH	1	0	23.54	22.14	PASS
		1	24	23.49	22.09	PASS
		1	49	23.43	22.03	PASS
		25	0	22.69	21.29	PASS
		25	12	22.69	21.29	PASS
		25	25	22.83	21.43	PASS
		50	0	22.74	21.34	PASS
	HCH	1	0	23.55	22.15	PASS

16QAM		1	24	23.51	22.11	PASS
		1	49	23.48	22.08	PASS
		25	0	22.38	20.98	PASS
		25	12	22.34	20.94	PASS
		25	25	22.28	20.88	PASS
		50	0	22.28	20.88	PASS
	LCH	1	0	22.64	21.24	PASS
		1	24	22.83	21.43	PASS
		1	49	22.66	21.26	PASS
		25	0	21.86	20.46	PASS
		25	12	21.89	20.49	PASS
		25	25	21.73	20.33	PASS
		50	0	21.76	20.36	PASS
	MCH	1	0	22.71	21.31	PASS
		1	24	22.76	21.36	PASS
		1	49	22.58	21.18	PASS
		25	0	21.74	20.34	PASS
		25	12	21.78	20.38	PASS
		25	25	21.85	20.45	PASS
		50	0	21.80	20.40	PASS
	HCH	1	0	22.46	21.06	PASS
		1	24	22.48	21.08	PASS
		1	49	22.45	21.05	PASS
		25	0	21.42	20.02	PASS
		25	12	21.43	20.03	PASS
		25	25	21.35	19.95	PASS
		50	0	21.32	19.92	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.68	<13	PASS
		1	3	3.7	<13	PASS
		1	5	3.85	<13	PASS
		3	0	3.54	<13	PASS
		3	2	3.59	<13	PASS
		3	3	3.65	<13	PASS
		6	0	4.41	<13	PASS
	MCH	1	0	4.92	<13	PASS
		1	3	4.74	<13	PASS
		1	5	4.74	<13	PASS
		3	0	4.74	<13	PASS
		3	2	4.7	<13	PASS
		3	3	4.61	<13	PASS
		6	0	5.44	<13	PASS
16QAM	LCH	1	0	4.48	<13	PASS
		1	3	4.34	<13	PASS
		1	5	4.32	<13	PASS
		3	0	4.27	<13	PASS
		3	2	4.24	<13	PASS
		3	3	4.18	<13	PASS
		6	0	5.07	<13	PASS
	MCH	1	0	4.67	<13	PASS
		1	3	4.56	<13	PASS
		1	5	4.81	<13	PASS
		3	0	4.53	<13	PASS
		3	2	4.37	<13	PASS
		3	3	4.53	<13	PASS
		6	0	5.28	<13	PASS

	HCH	3	0	5.53	<13	PASS
		3	2	5.56	<13	PASS
		3	3	5.48	<13	PASS
		6	0	6.25	<13	PASS
		1	0	5.48	<13	PASS
		1	3	5.25	<13	PASS
		1	5	5.33	<13	PASS
		3	0	5.11	<13	PASS
		3	2	5.13	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.88	<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	3.67	<13	PASS
		1	7	3.87	<13	PASS
		1	14	4.21	<13	PASS
		8	0	4.51	<13	PASS
		8	4	4.51	<13	PASS
		8	7	4.77	<13	PASS
		15	0	4.67	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	7	4.79	<13	PASS
		1	14	4.42	<13	PASS
		8	0	5.56	<13	PASS
		8	4	5.5	<13	PASS
		8	7	5.35	<13	PASS
		15	0	5.4	<13	PASS
	HCH	1	0	4.07	<13	PASS
		1	7	4.33	<13	PASS
		1	14	4.33	<13	PASS
		8	0	5	<13	PASS
		8	4	5	<13	PASS
		8	7	5.16	<13	PASS
		15	0	5.07	<13	PASS
16QAM	LCH	1	0	4.58	<13	PASS
		1	7	4.72	<13	PASS
		1	14	5.04	<13	PASS
		8	0	5.37	<13	PASS

		8	4	5.34	<13	PASS
		8	7	5.63	<13	PASS
		15	0	5.56	<13	PASS
MCH		1	0	5.57	<13	PASS
		1	7	5.44	<13	PASS
		1	14	5.21	<13	PASS
		8	0	6.32	<13	PASS
		8	4	6.33	<13	PASS
		8	7	6.06	<13	PASS
		15	0	6.3	<13	PASS
HCH		1	0	5.15	<13	PASS
		1	7	5.36	<13	PASS
		1	14	5.35	<13	PASS
		8	0	5.85	<13	PASS
		8	4	5.79	<13	PASS
		8	7	6.02	<13	PASS
		15	0	5.96	<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	3.82	<13	PASS
		1	12	4.24	<13	PASS
		1	24	4.98	<13	PASS
		12	0	4.62	<13	PASS
		12	6	4.61	<13	PASS
		12	13	5.27	<13	PASS
		25	0	5.01	<13	PASS
	MCH	1	0	5.07	<13	PASS
		1	12	4.82	<13	PASS
		1	24	4.35	<13	PASS
		12	0	5.65	<13	PASS
		12	6	5.71	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.39	<13	PASS
	HCH	1	0	4.11	<13	PASS
		1	12	4.13	<13	PASS
		1	24	4.37	<13	PASS
		12	0	4.8	<13	PASS
		12	6	4.77	<13	PASS

		12	13	5.29	<13	PASS
		25	0	5.07	<13	PASS
16QAM	LCH	1	0	4.47	<13	PASS
		1	12	5.04	<13	PASS
		1	24	5.59	<13	PASS
		12	0	5.53	<13	PASS
		12	6	5.53	<13	PASS
		12	13	6.16	<13	PASS
		25	0	5.84	<13	PASS
	MCH	1	0	5.75	<13	PASS
		1	12	5.61	<13	PASS
		1	24	5.1	<13	PASS
		12	0	6.45	<13	PASS
		12	6	6.44	<13	PASS
		12	13	6.06	<13	PASS
		25	0	6.24	<13	PASS
	HCH	1	0	4.83	<13	PASS
		1	12	4.83	<13	PASS
		1	24	5.07	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.61	<13	PASS
		12	13	6.12	<13	PASS
		25	0	5.85	<13	PASS

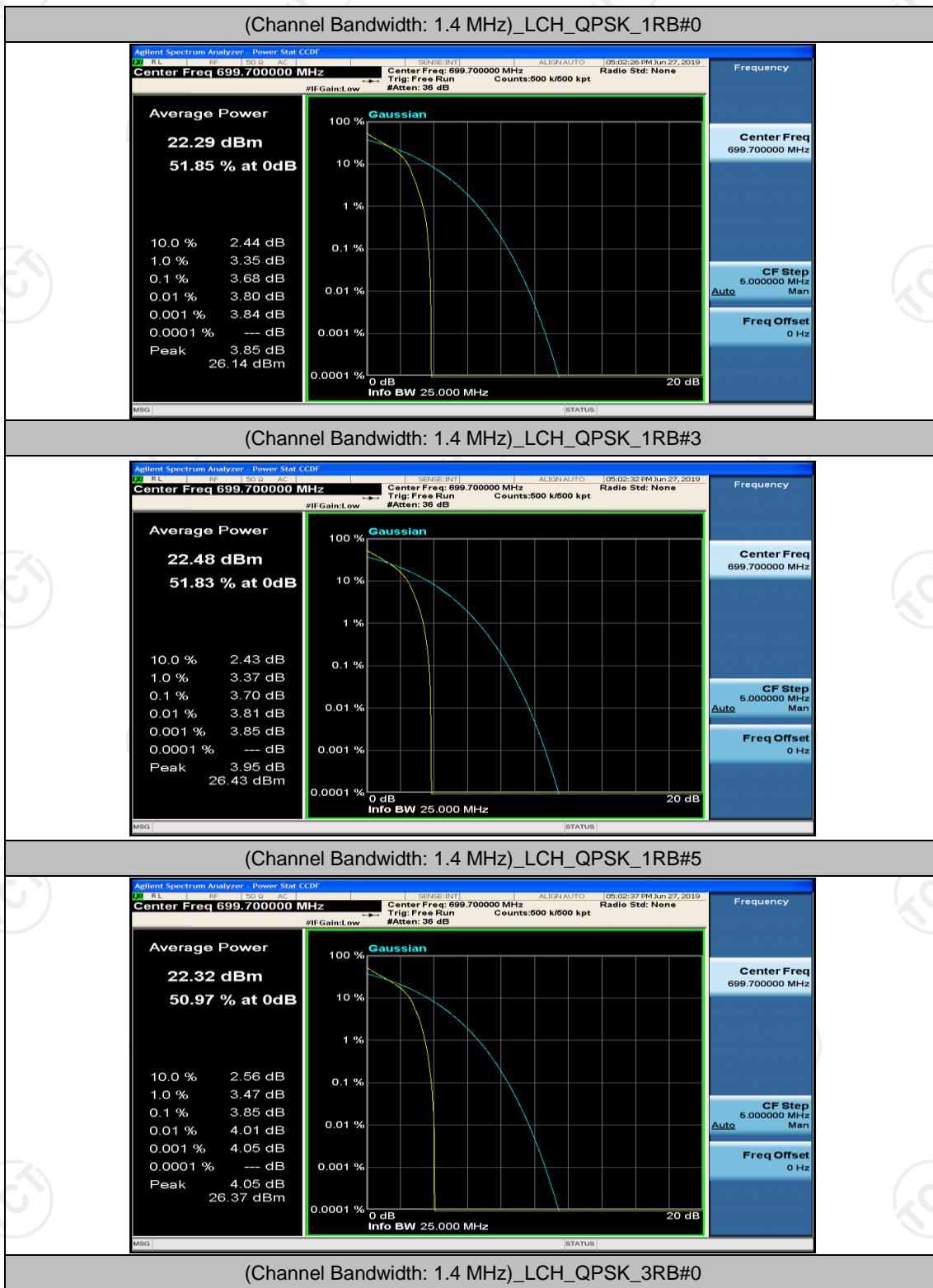
Channel Bandwidth: 10 MHz

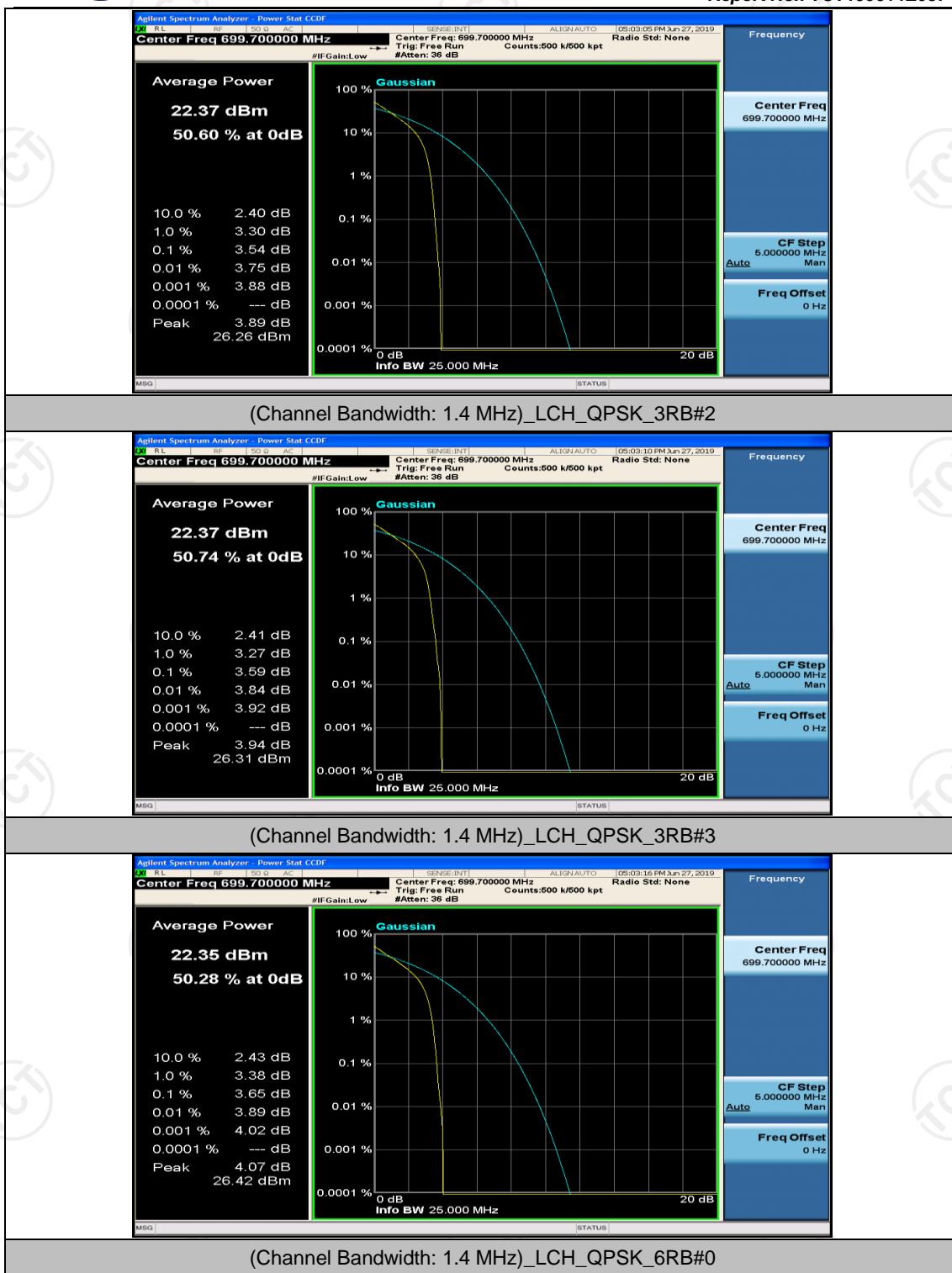
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.76	<13	PASS
		1	24	4.8	<13	PASS
		1	49	4.7	<13	PASS
		25	0	4.83	<13	PASS
		25	12	4.85	<13	PASS
		25	25	5.51	<13	PASS
		50	0	5.22	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	24	4.66	<13	PASS
		1	49	3.89	<13	PASS
		25	0	5.52	<13	PASS
		25	12	5.54	<13	PASS
		25	25	4.93	<13	PASS

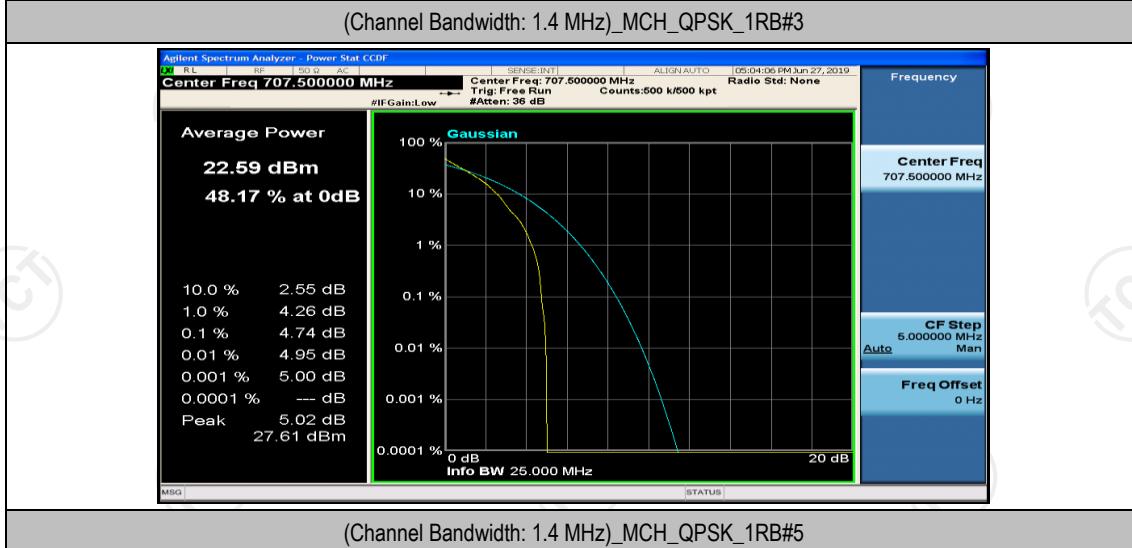
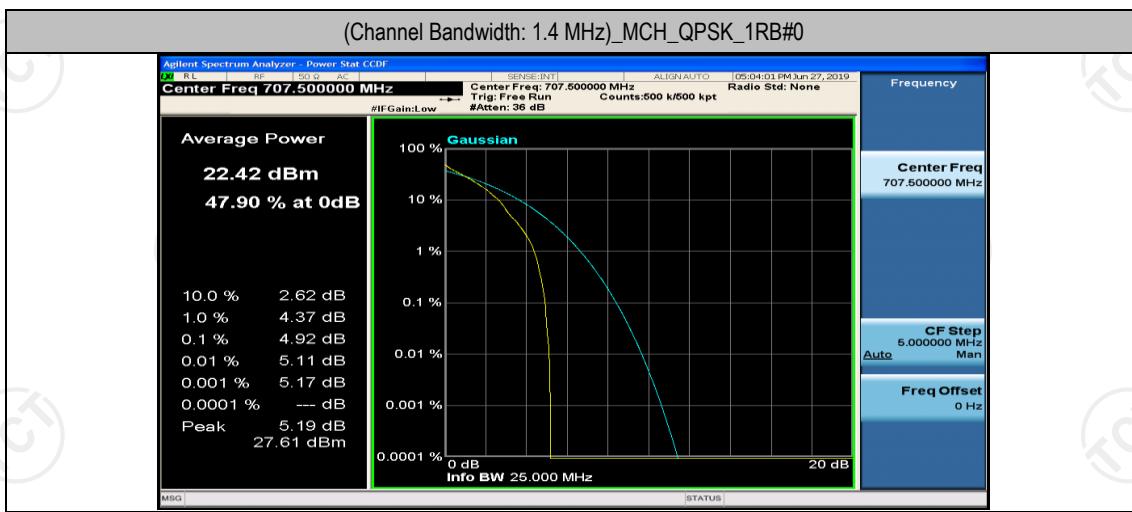
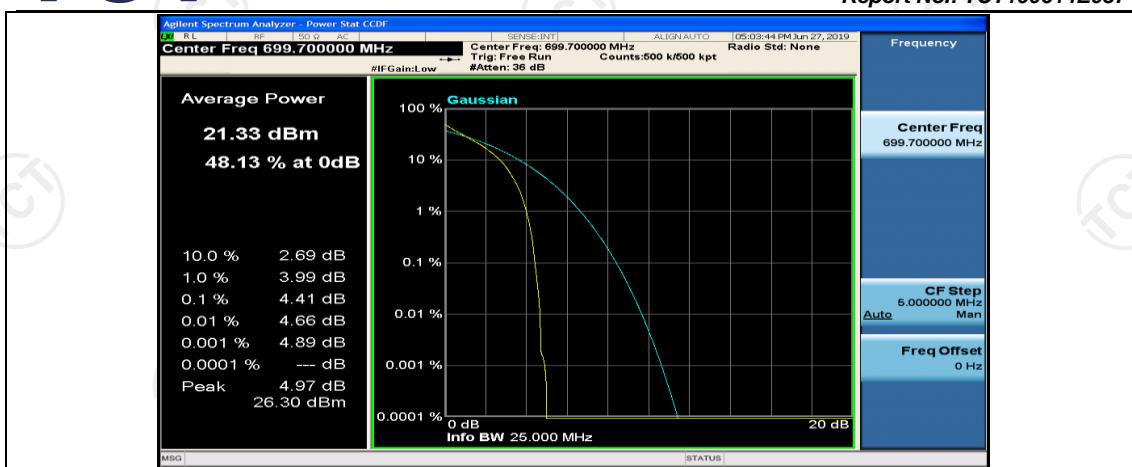
		50	0	5.3	<13	PASS
HCH	LCH	1	0	5.01	<13	PASS
		1	24	3.97	<13	PASS
		1	49	4.45	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.29	<13	PASS
		25	25	5.07	<13	PASS
		50	0	5.25	<13	PASS
		1	0	4.69	<13	PASS
16QAM	MCH	1	24	5.51	<13	PASS
		1	49	5.56	<13	PASS
		25	0	5.7	<13	PASS
		25	12	5.73	<13	PASS
		25	25	6.35	<13	PASS
		50	0	6.07	<13	PASS
		1	0	5.4	<13	PASS
	HCH	1	24	5.41	<13	PASS
		1	49	4.74	<13	PASS
		25	0	6.42	<13	PASS
		25	12	6.35	<13	PASS
		25	25	5.78	<13	PASS
		50	0	6.14	<13	PASS
		1	0	5.95	<13	PASS

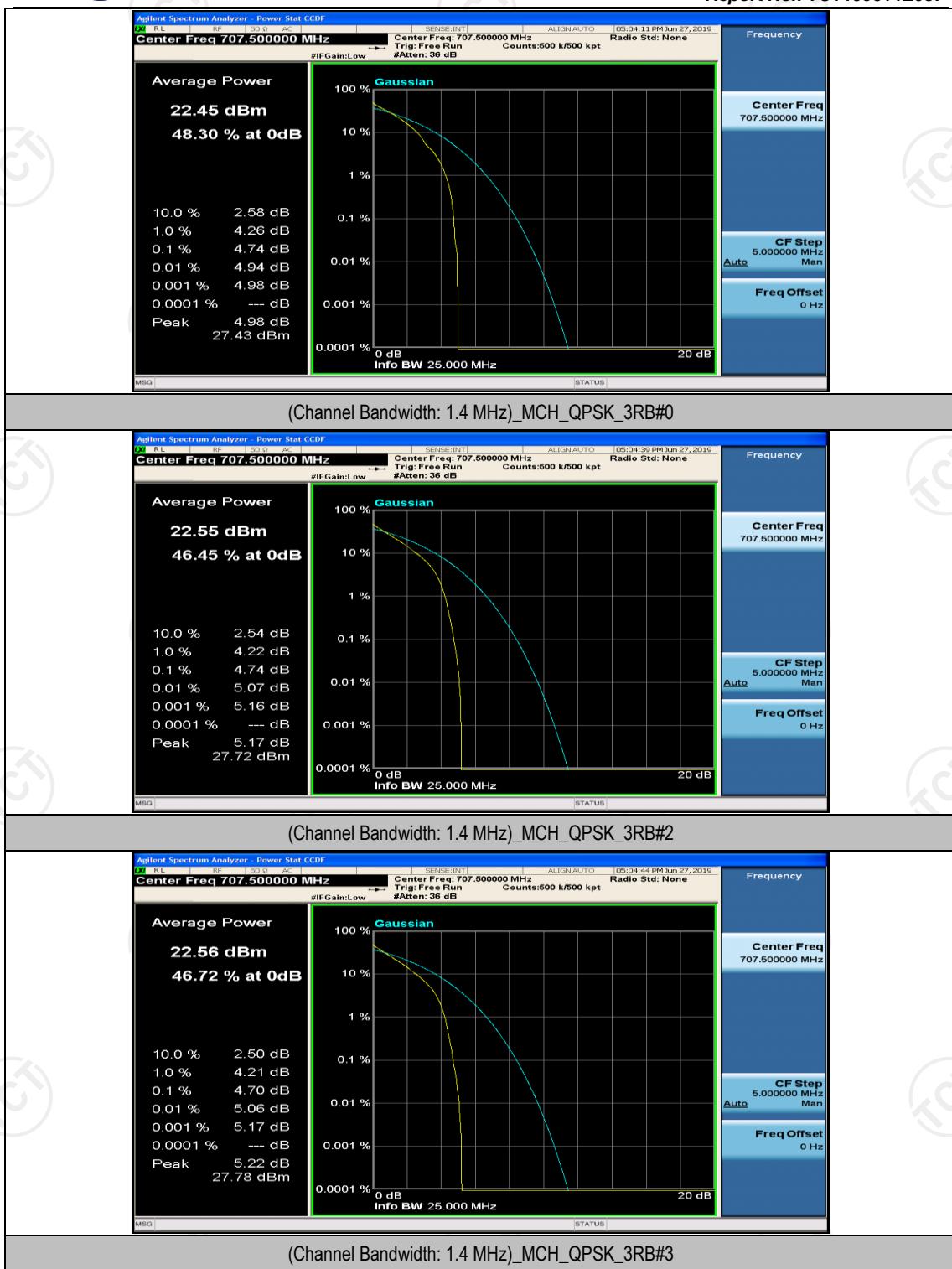
Test Graphs

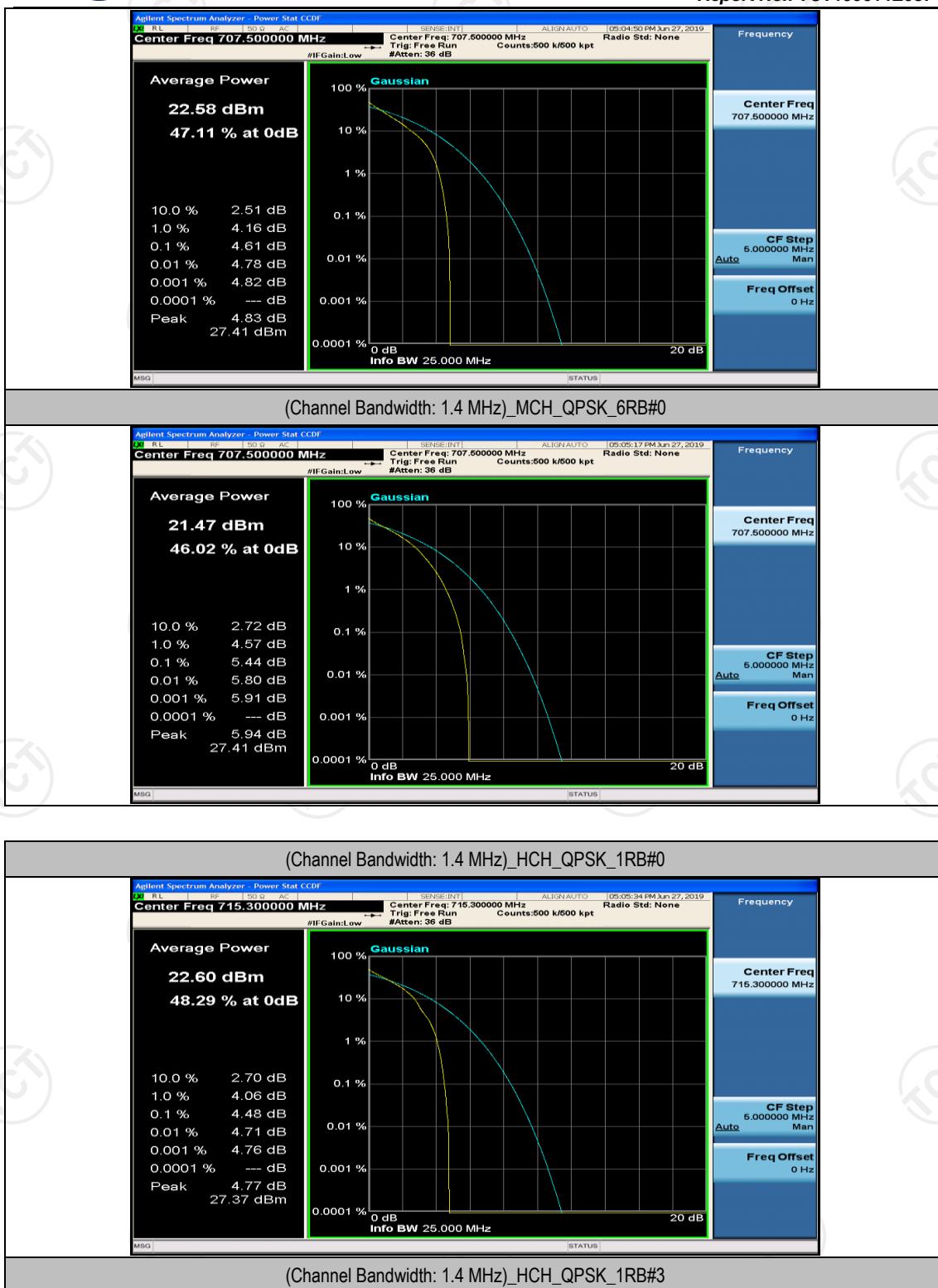
Channel Bandwidth: 1.4 MHz

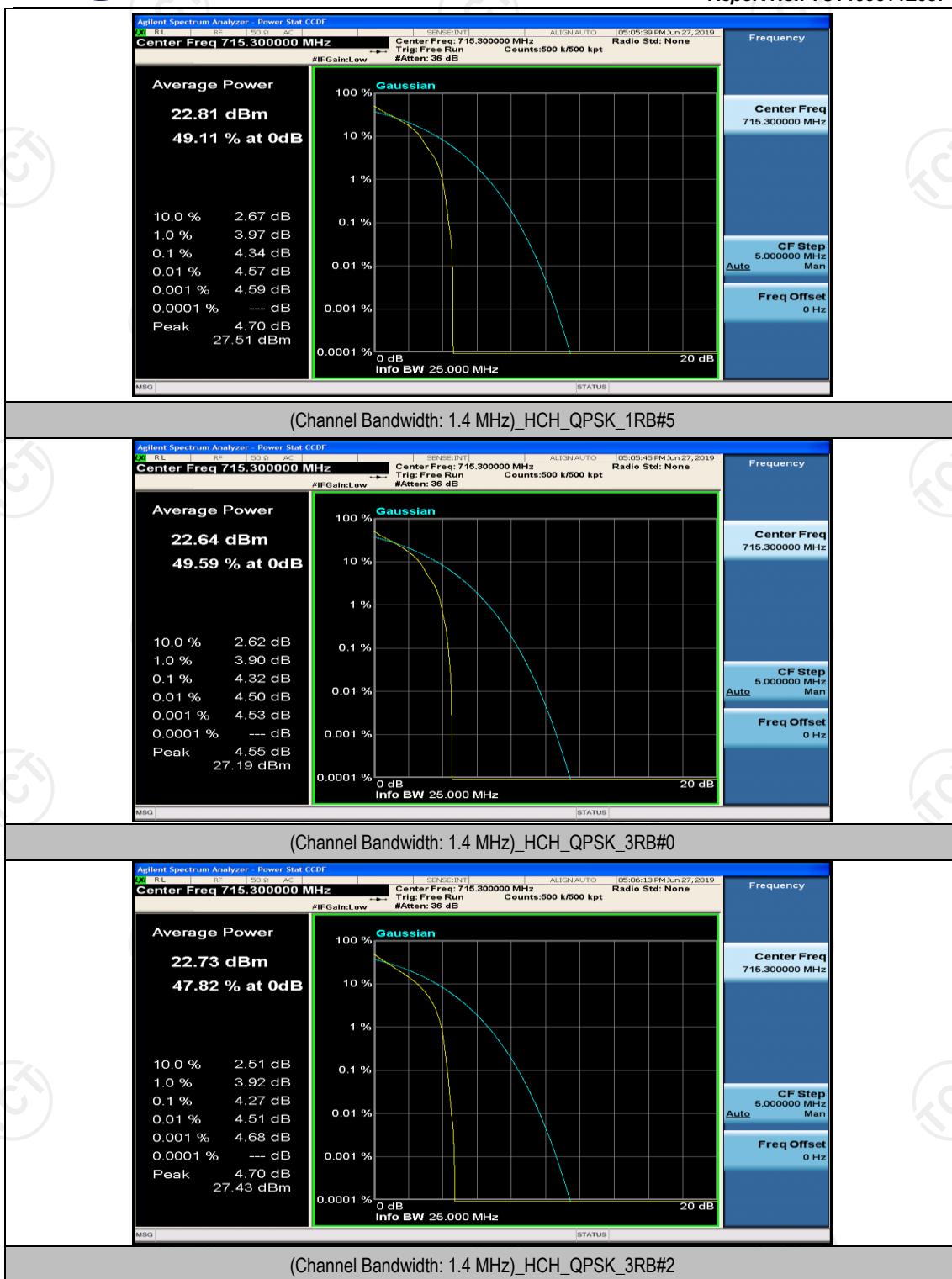


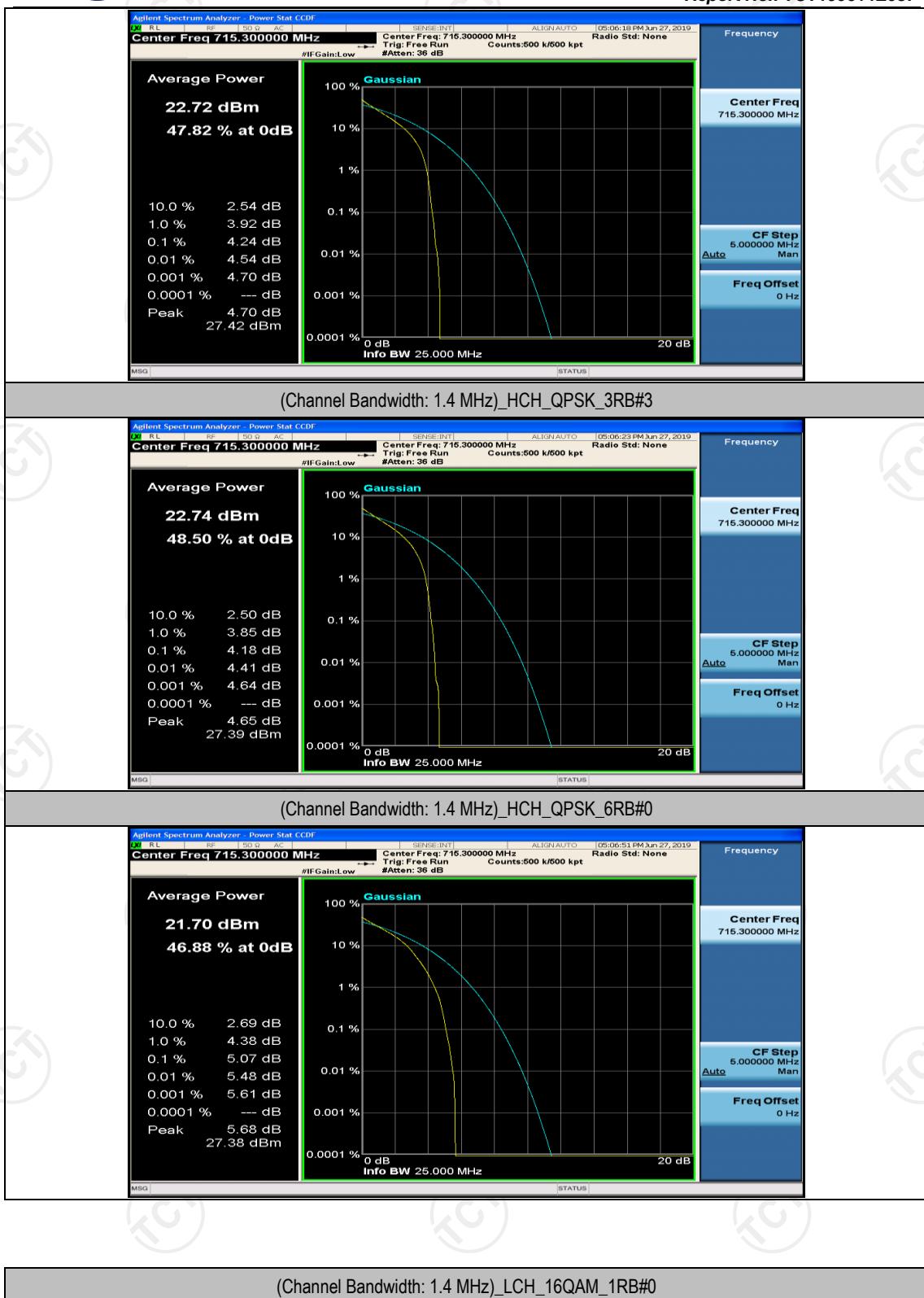


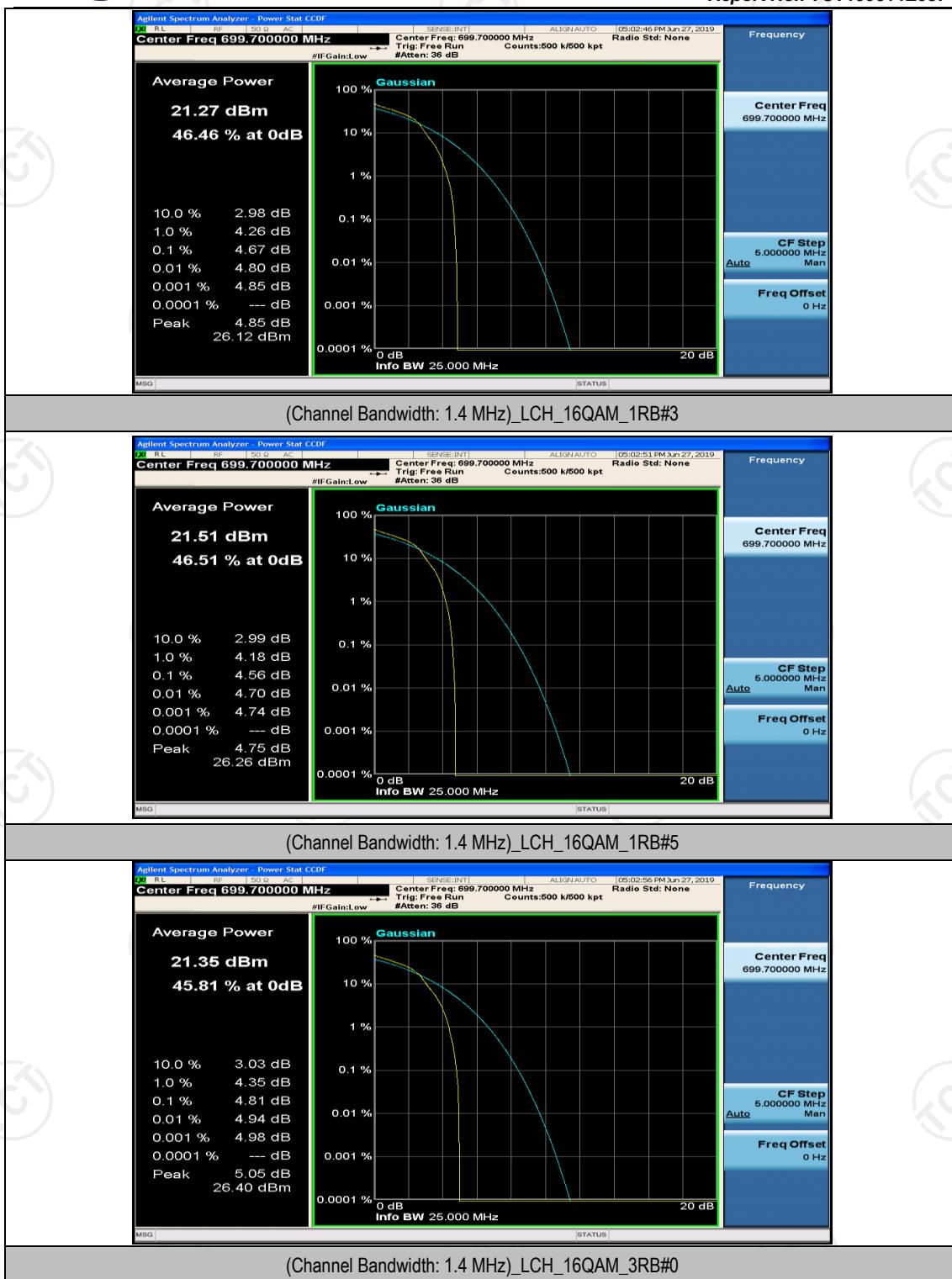


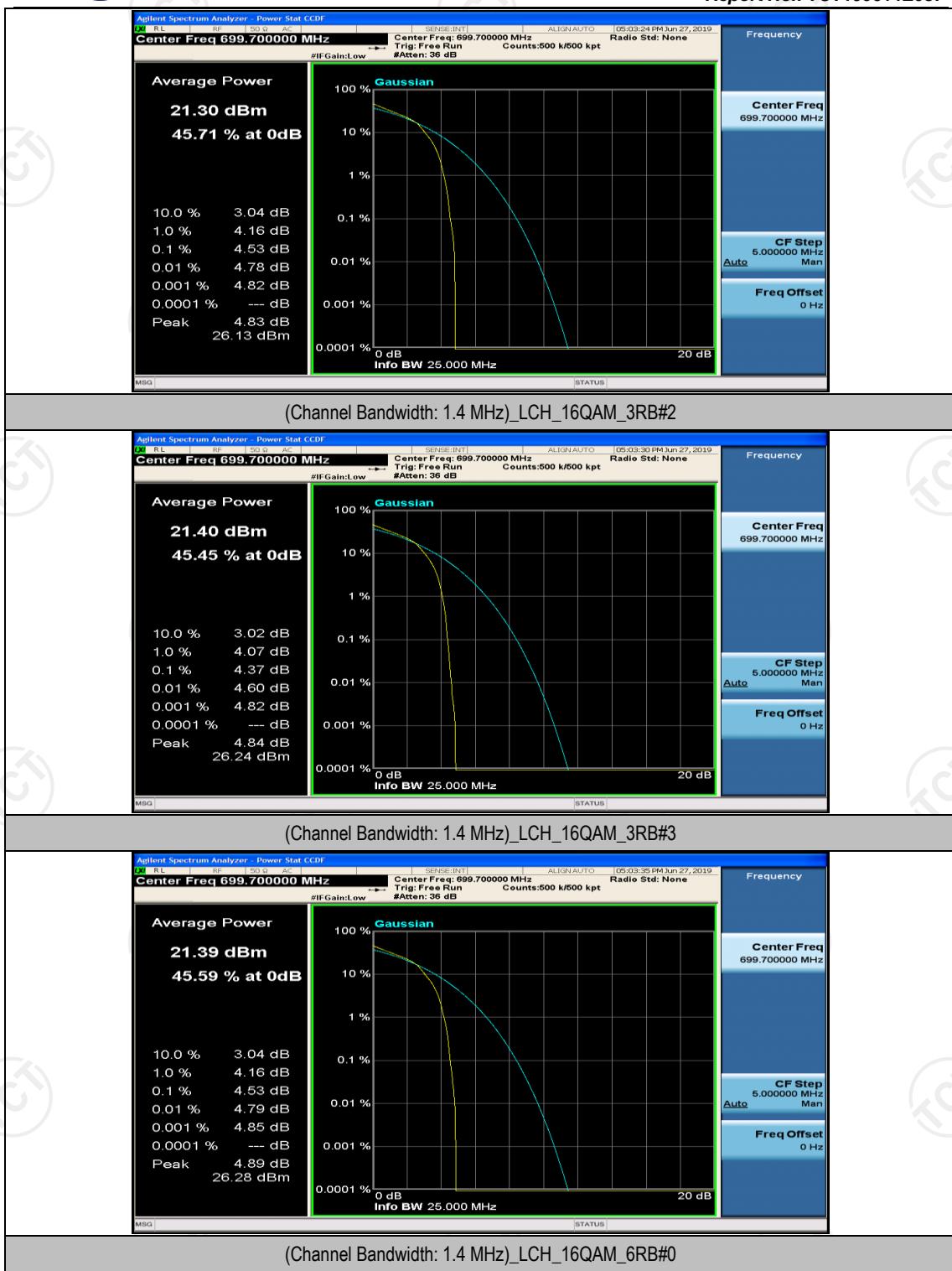


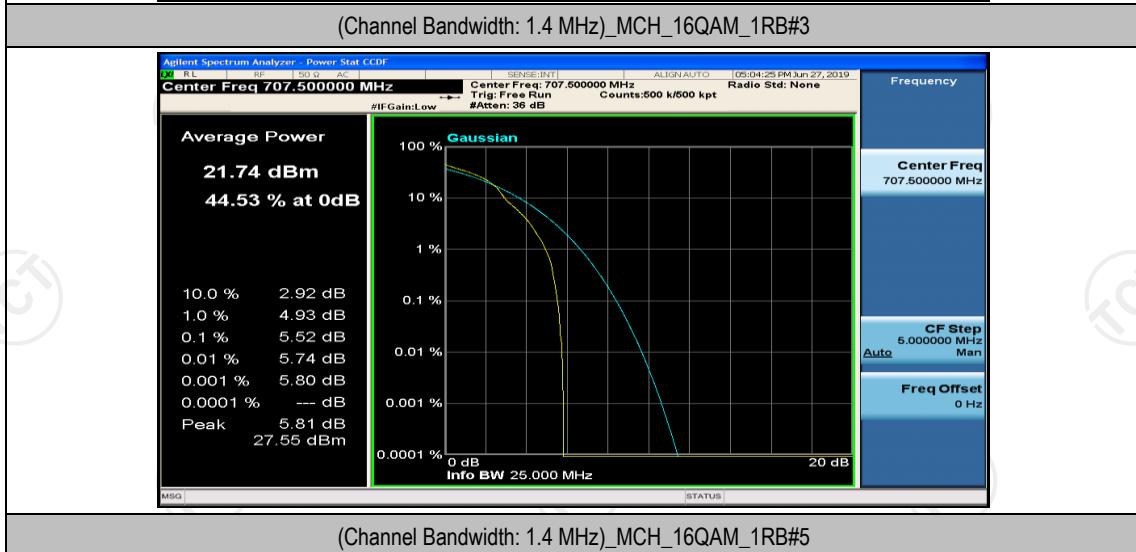
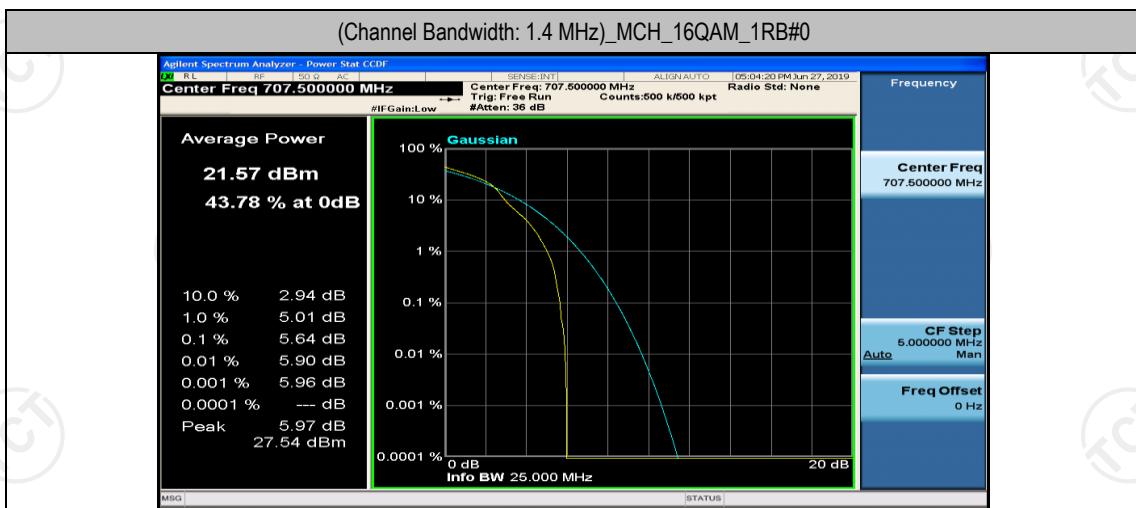
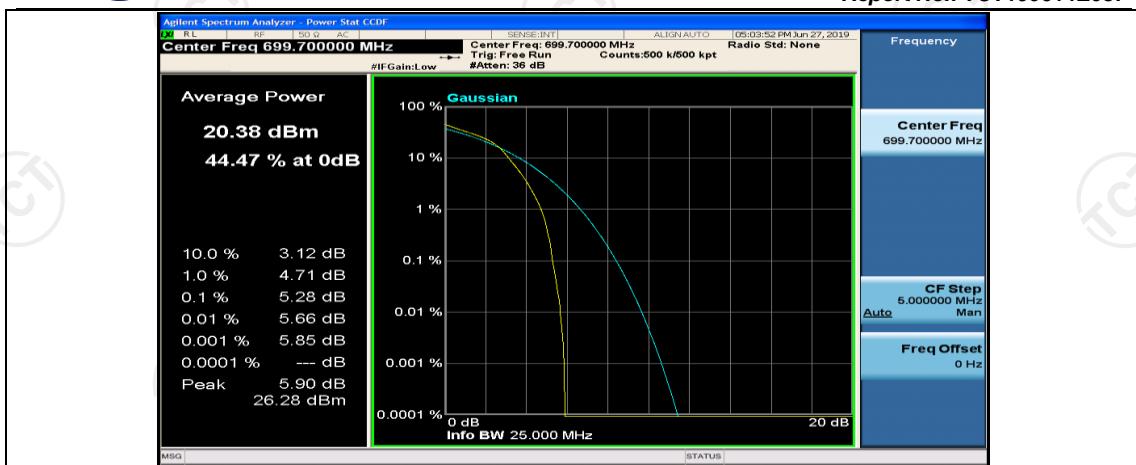


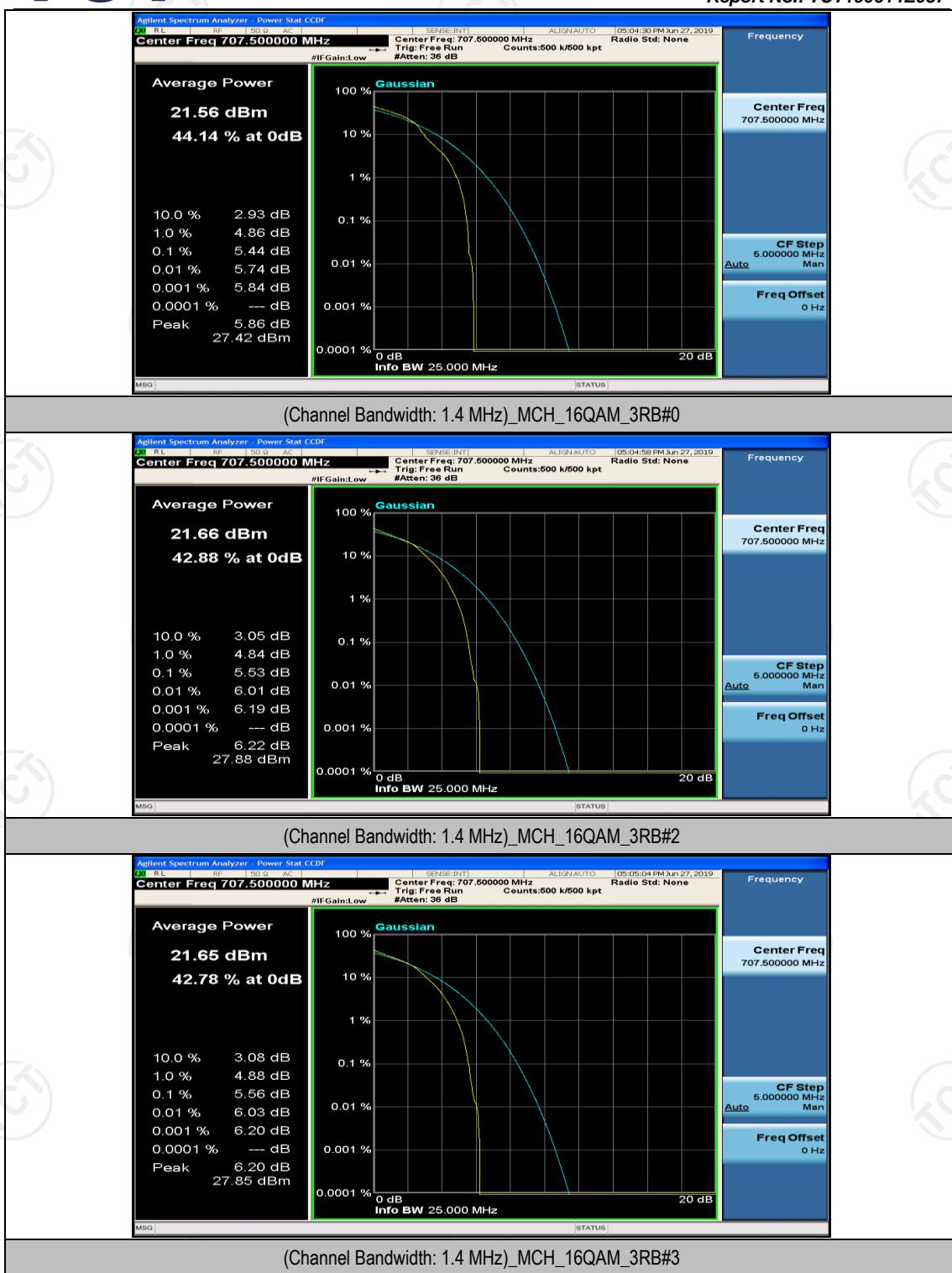


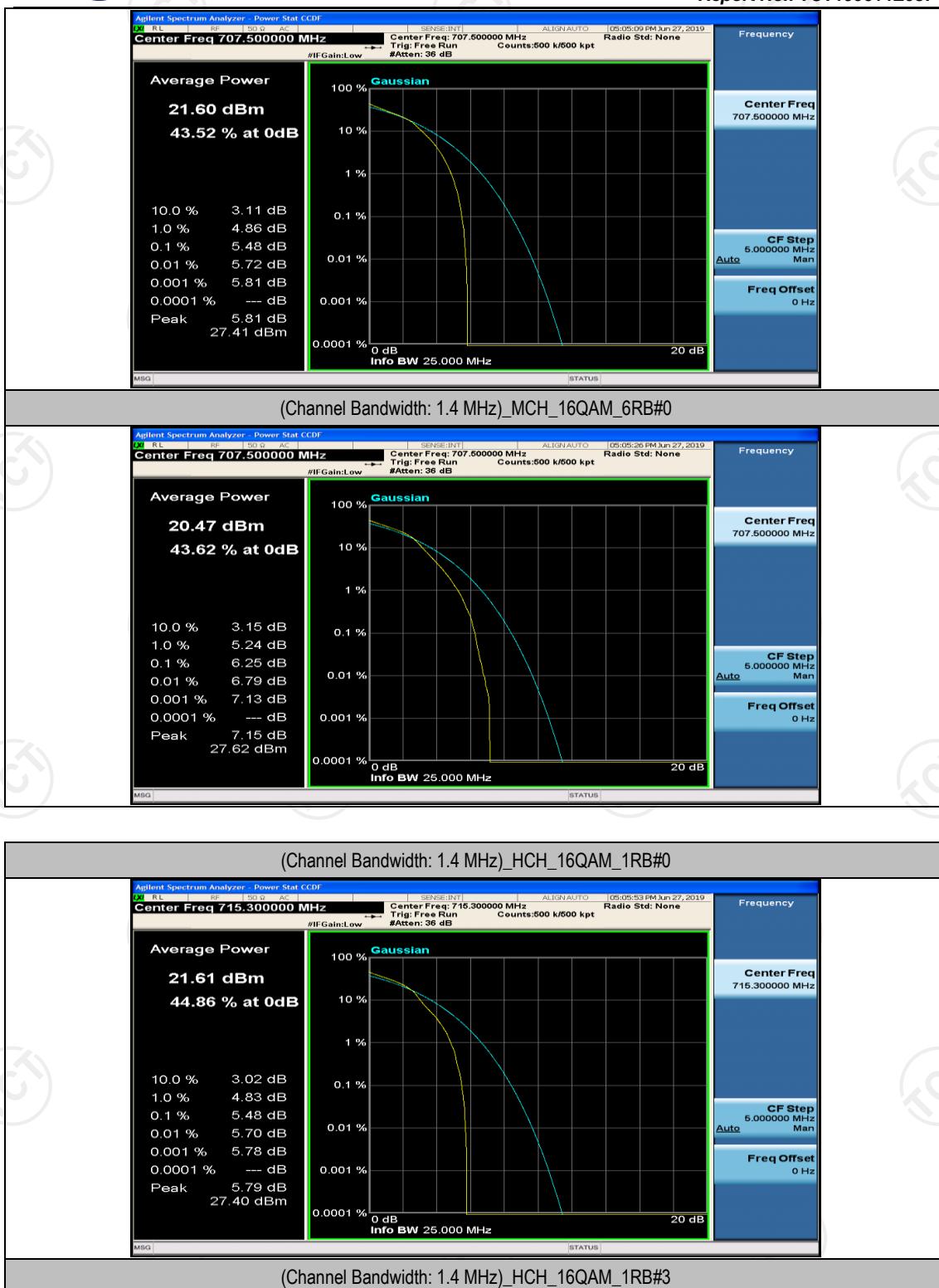


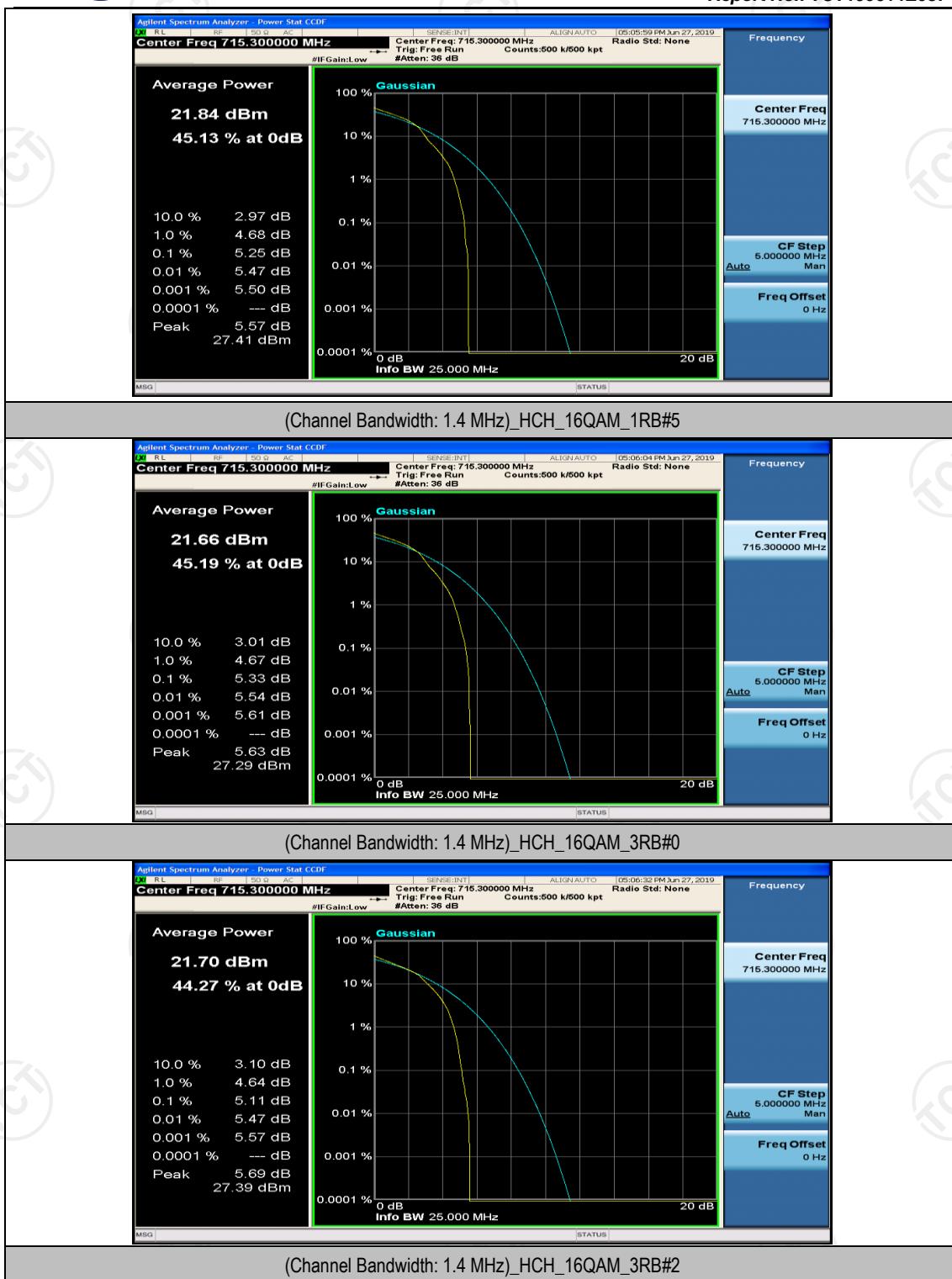


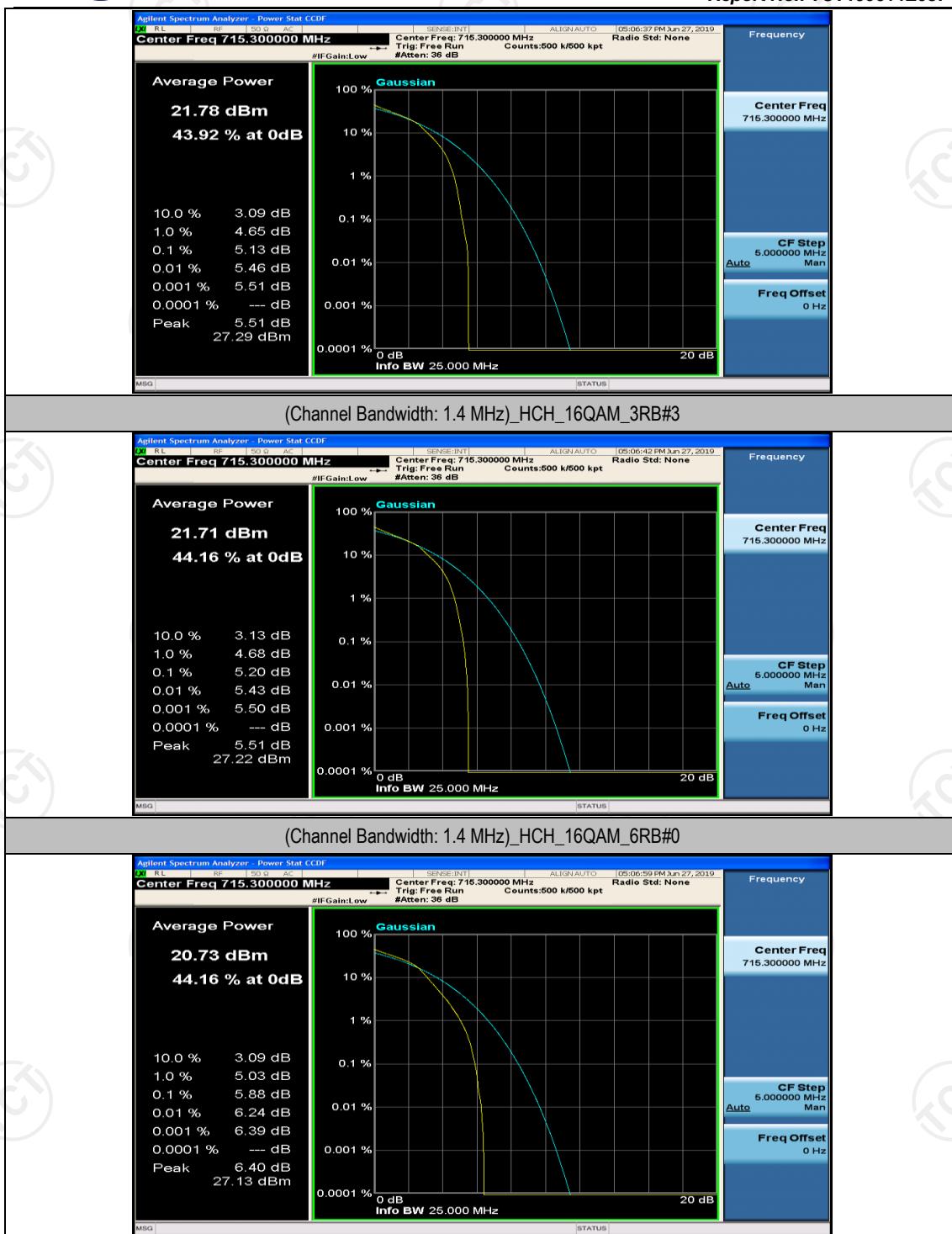






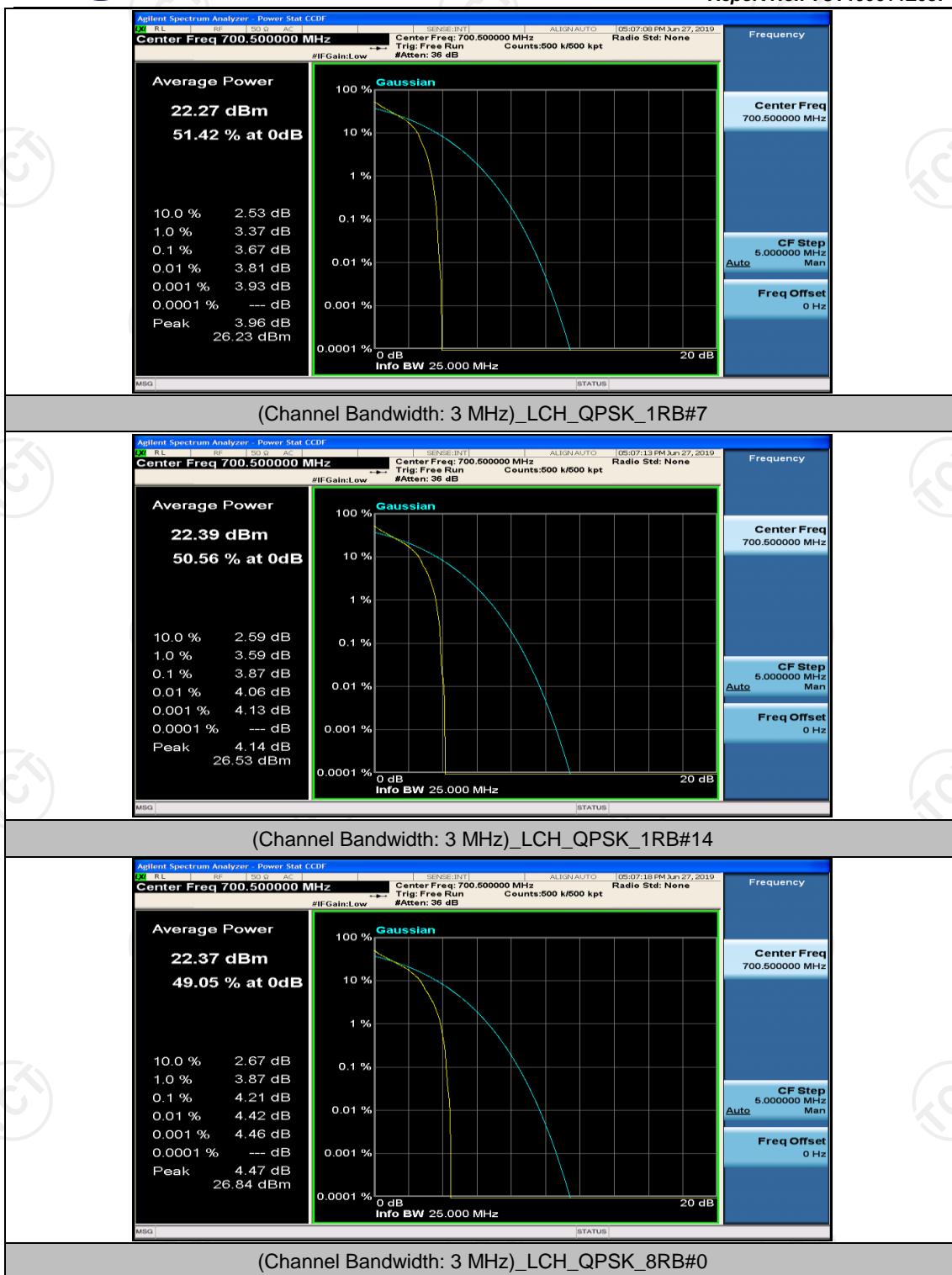


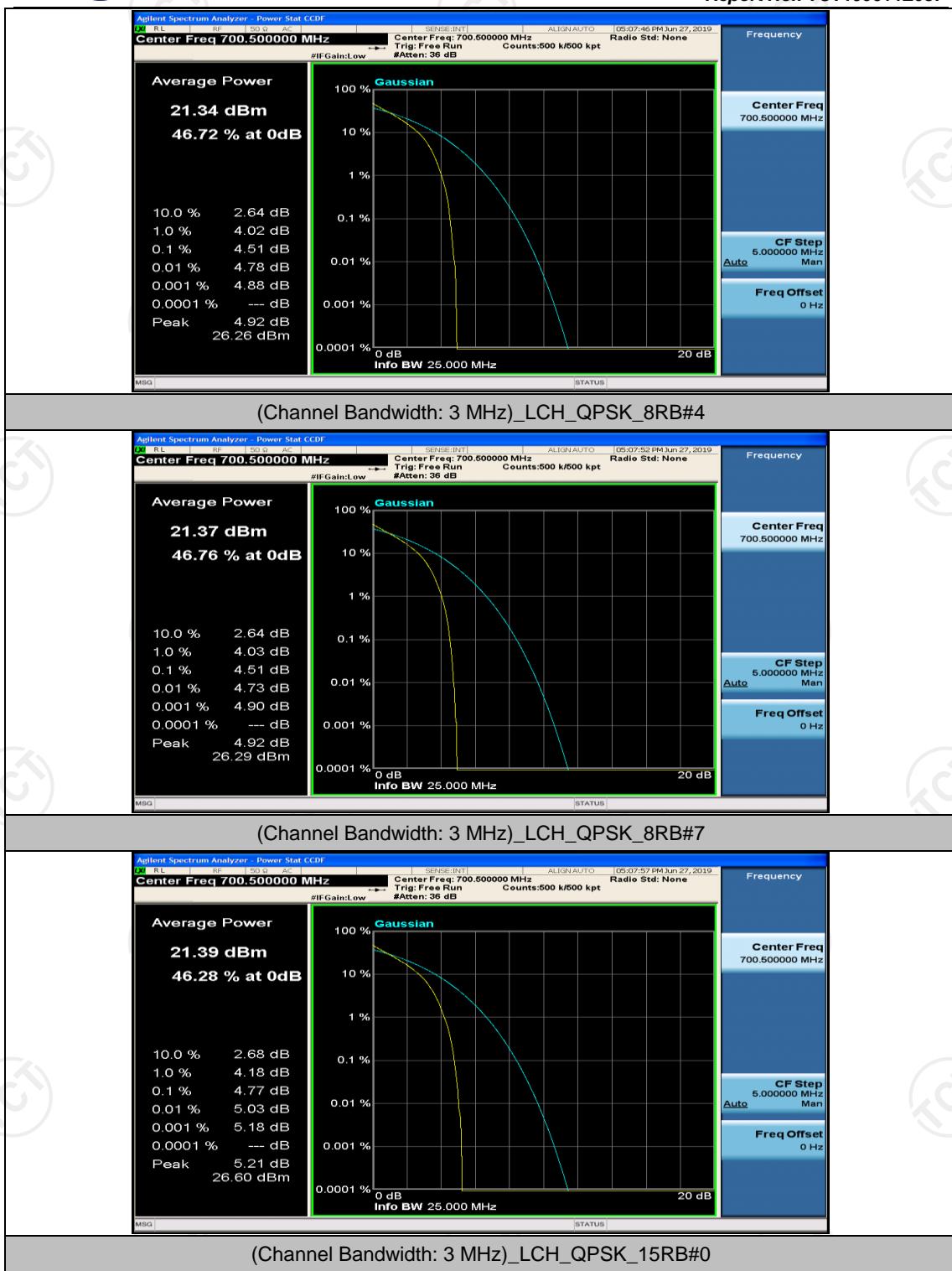


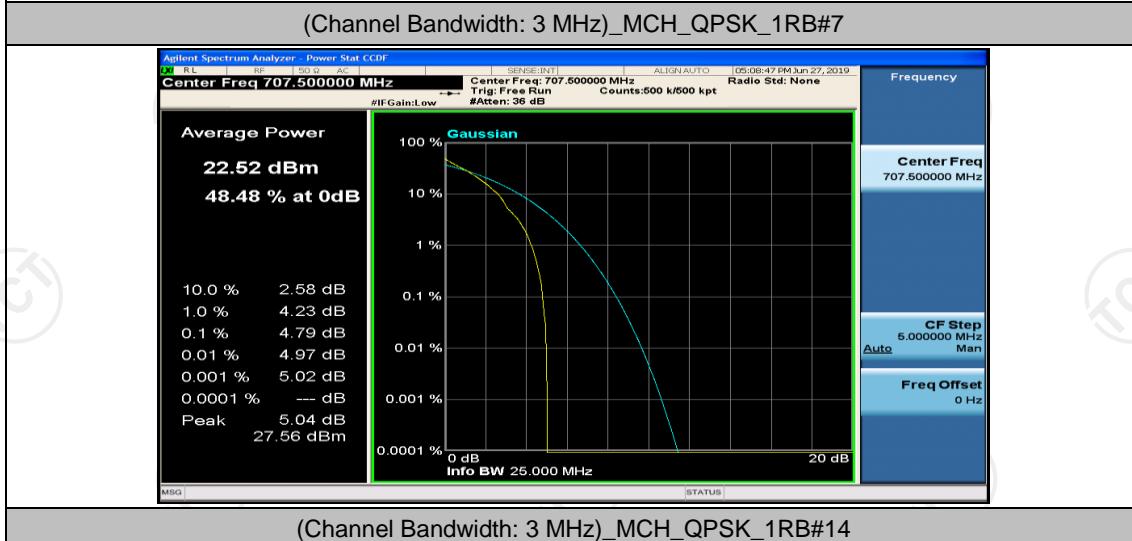
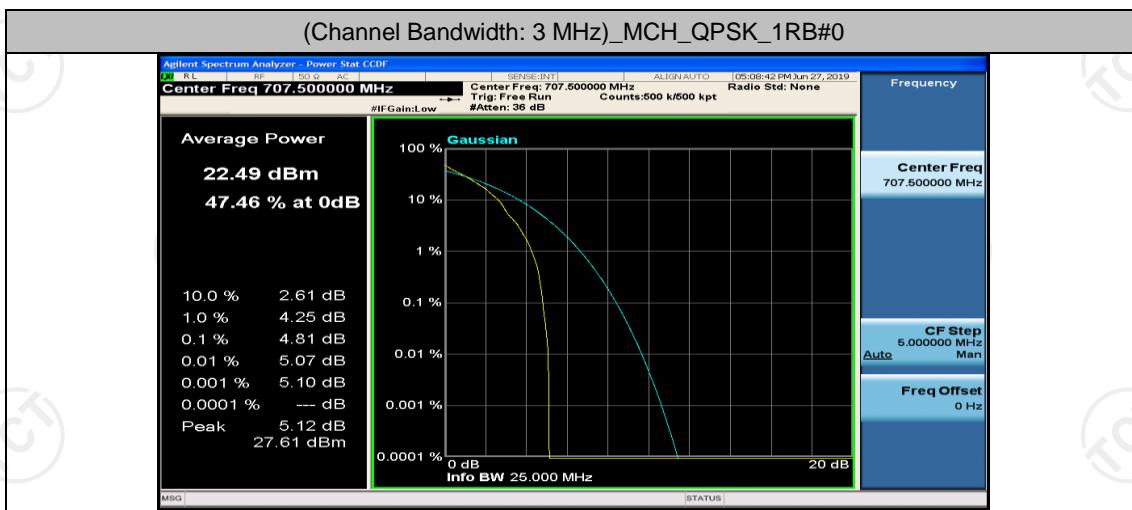
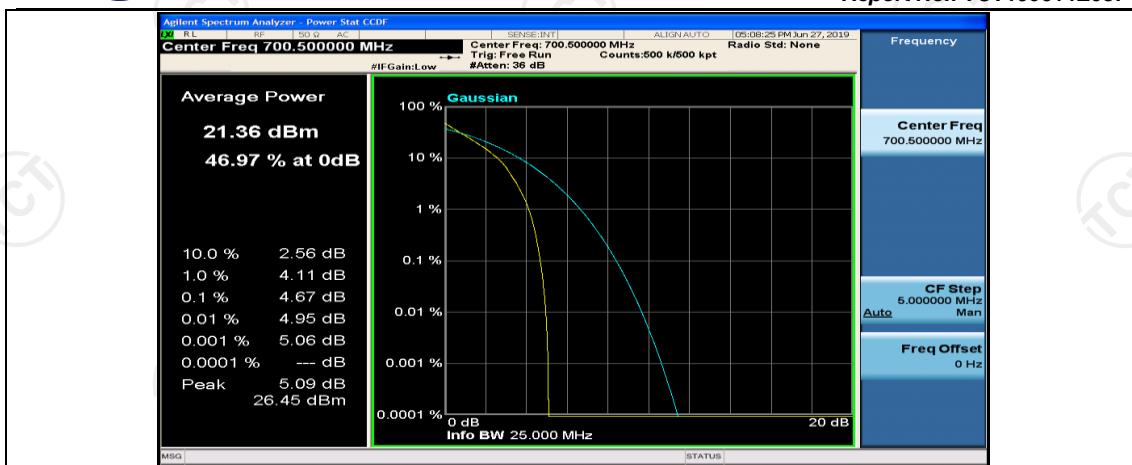


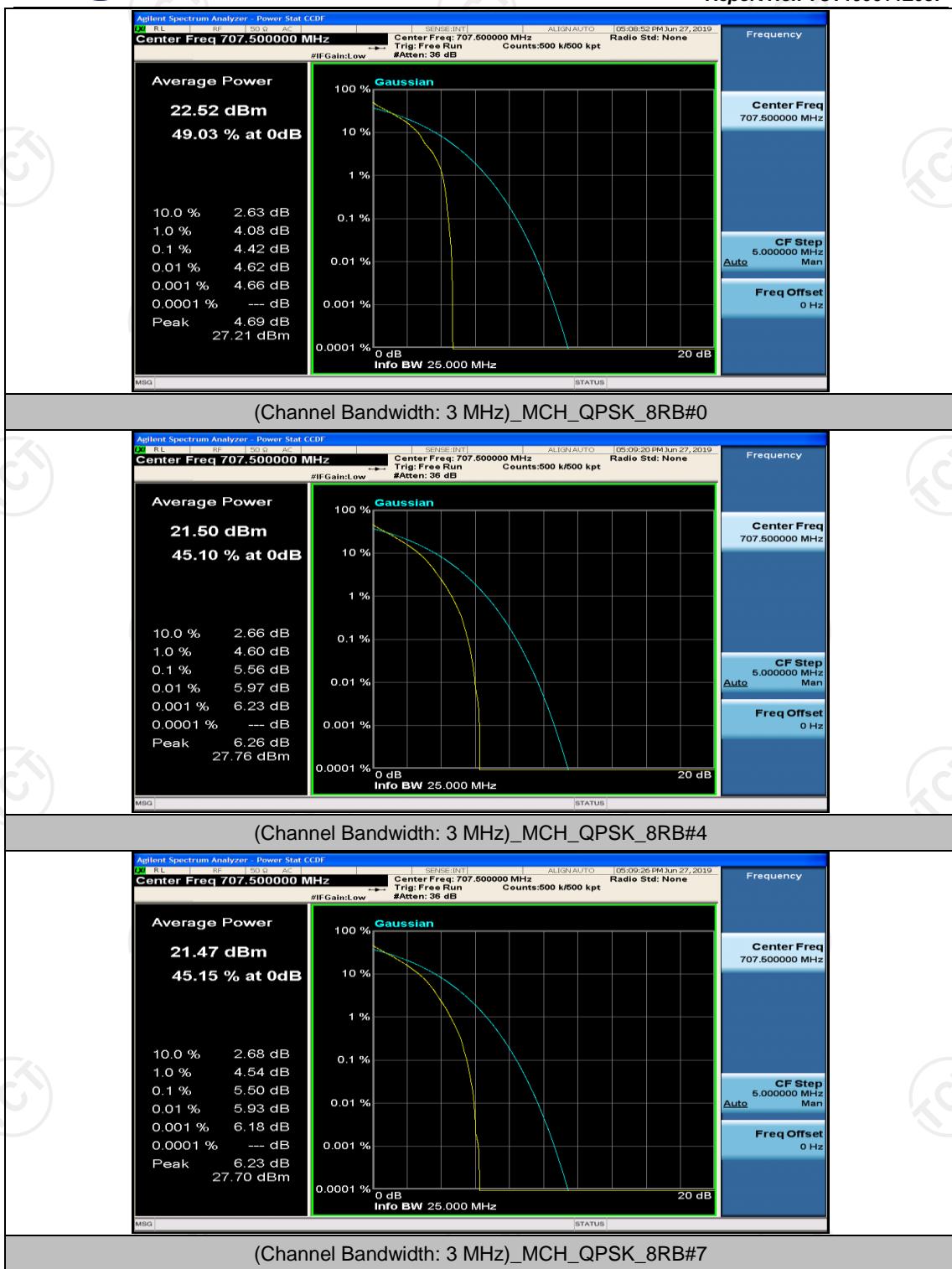
Channel Bandwidth: 3 MHz

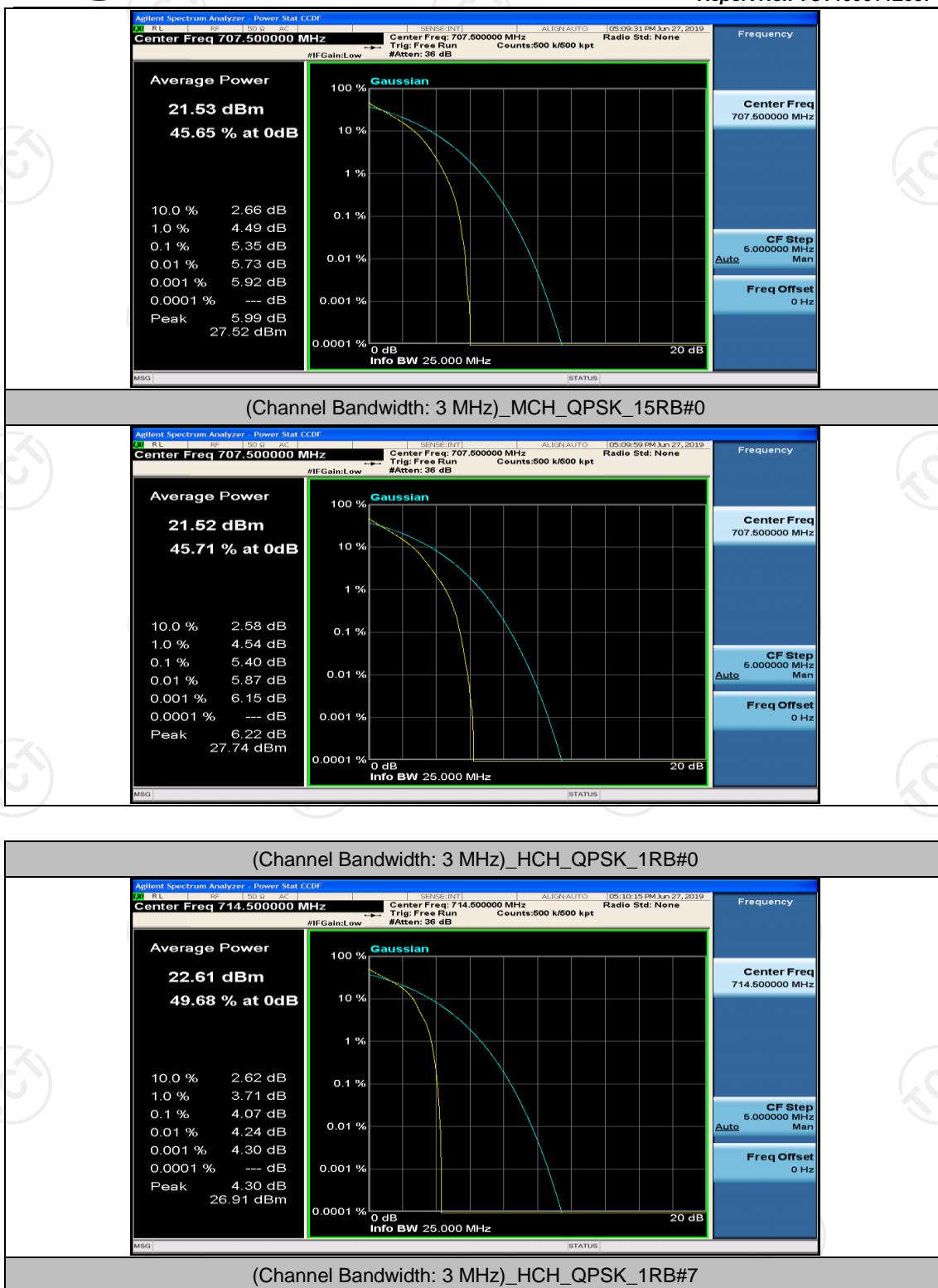
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

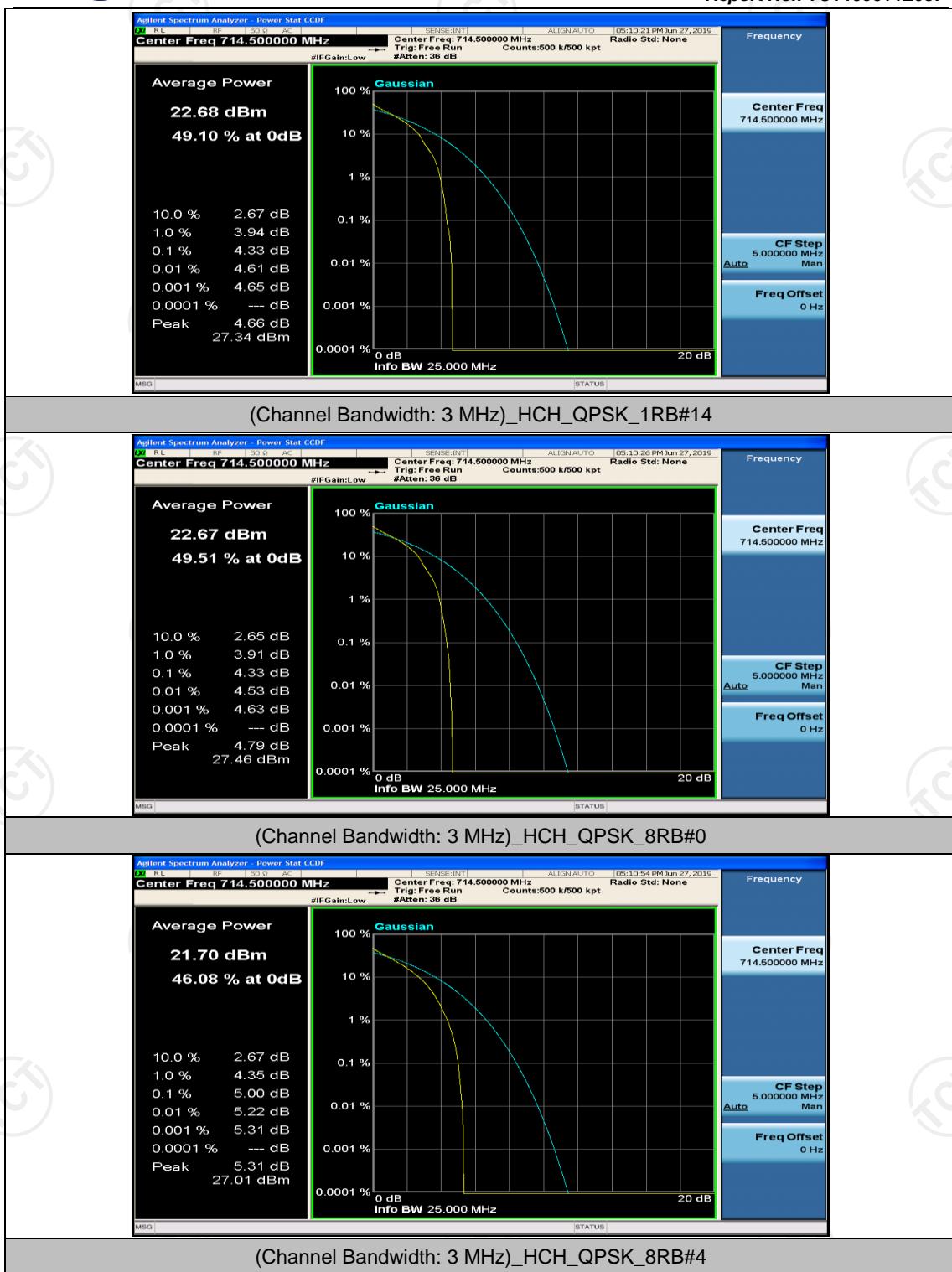


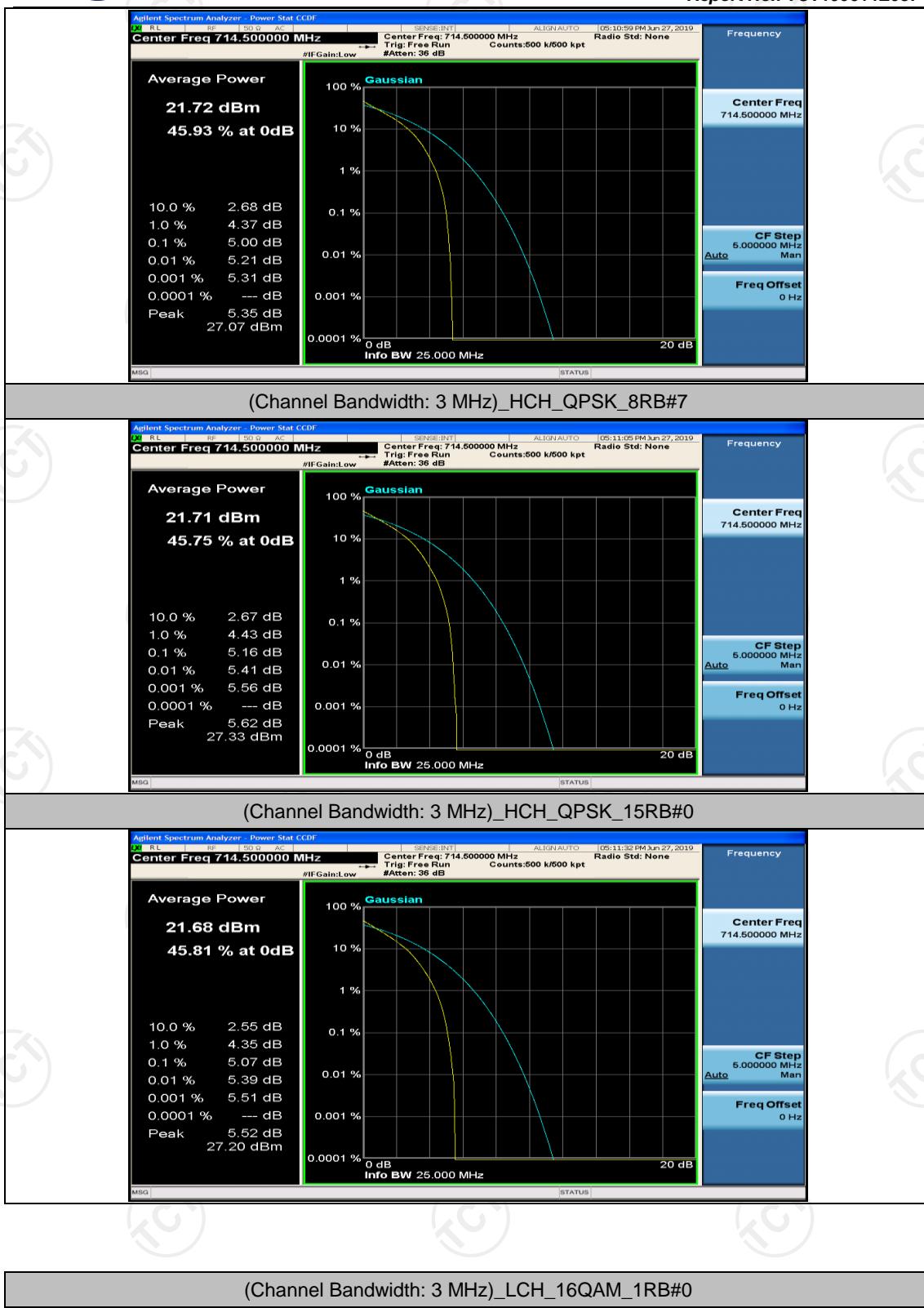


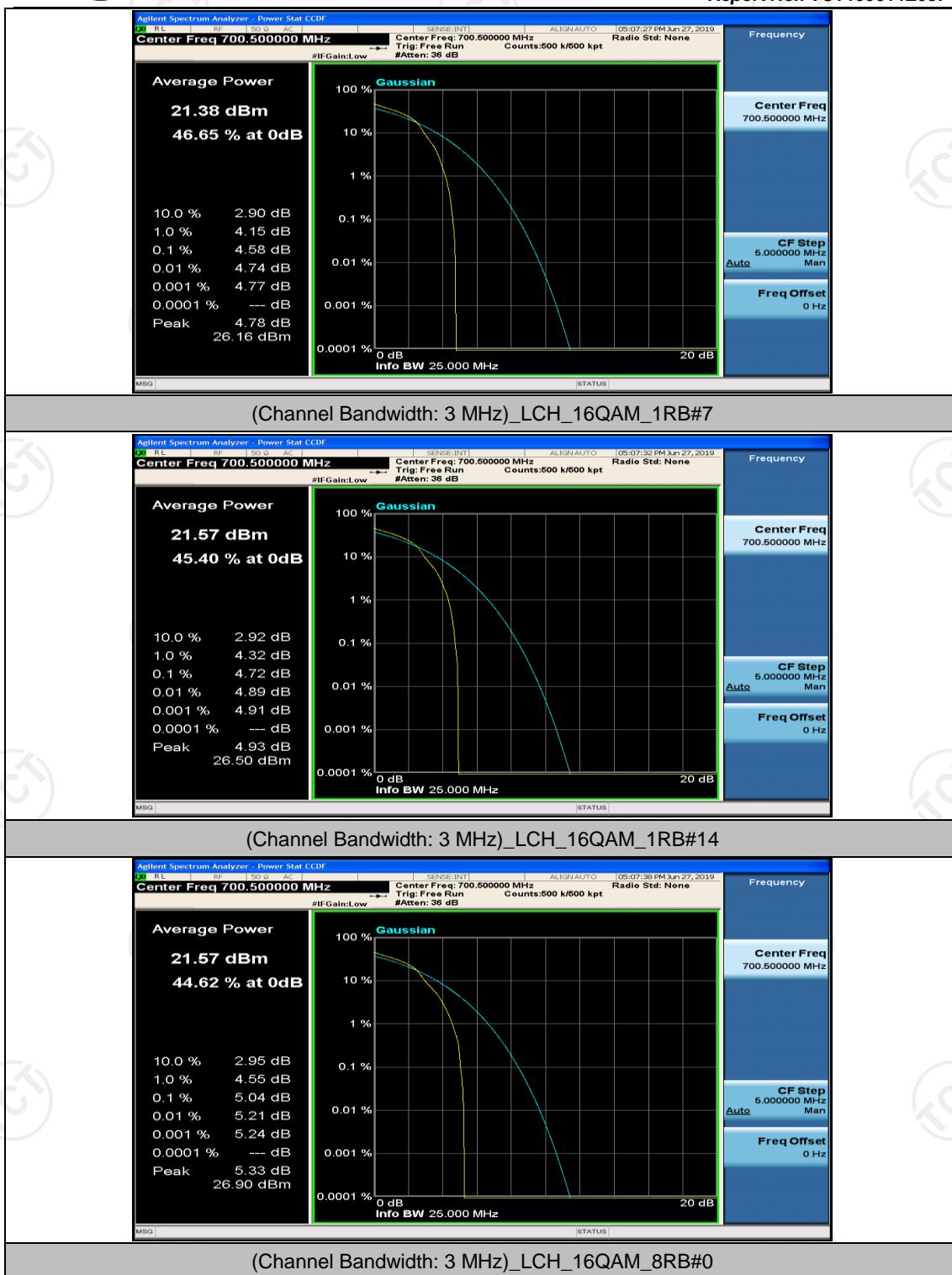


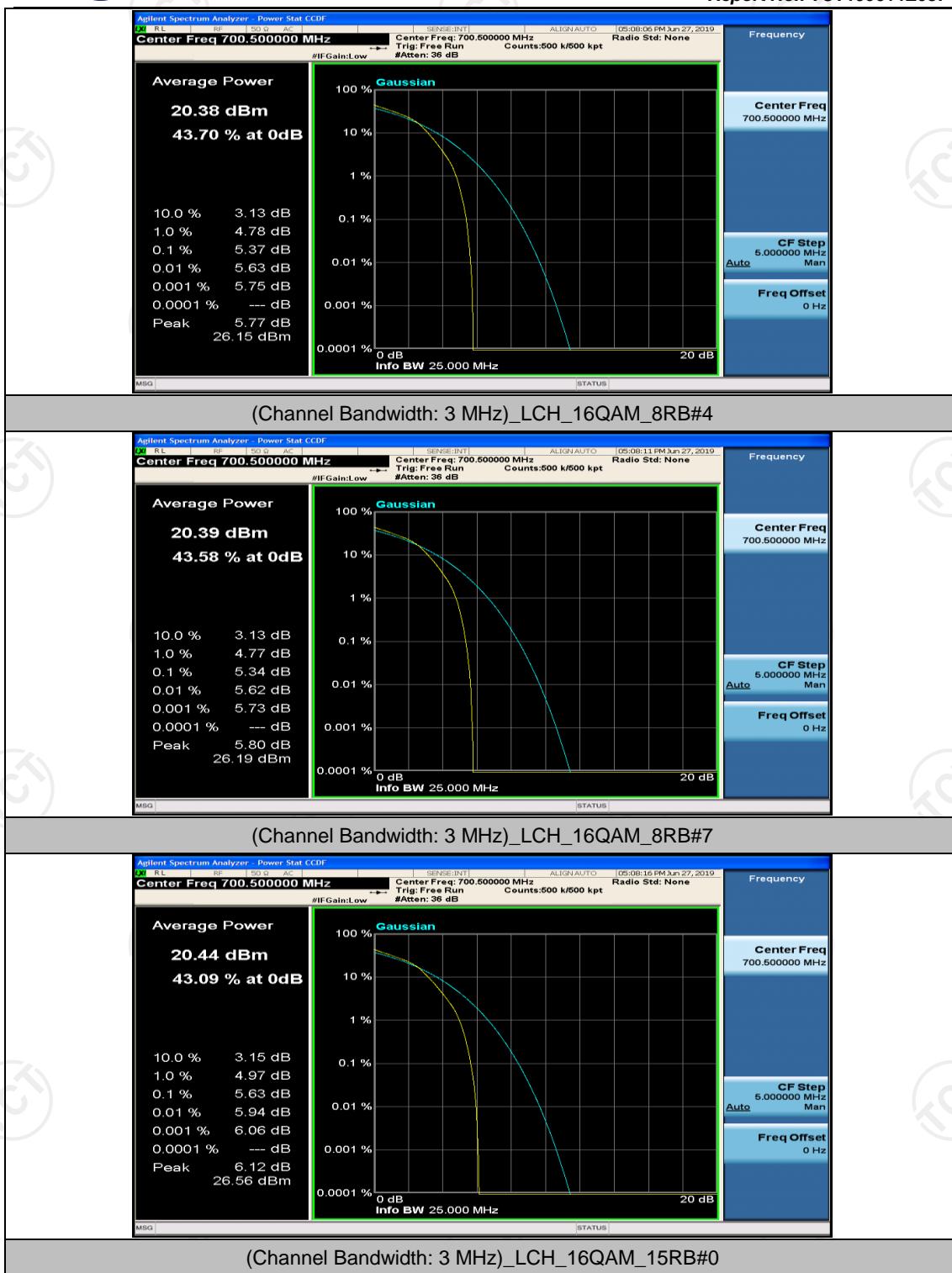


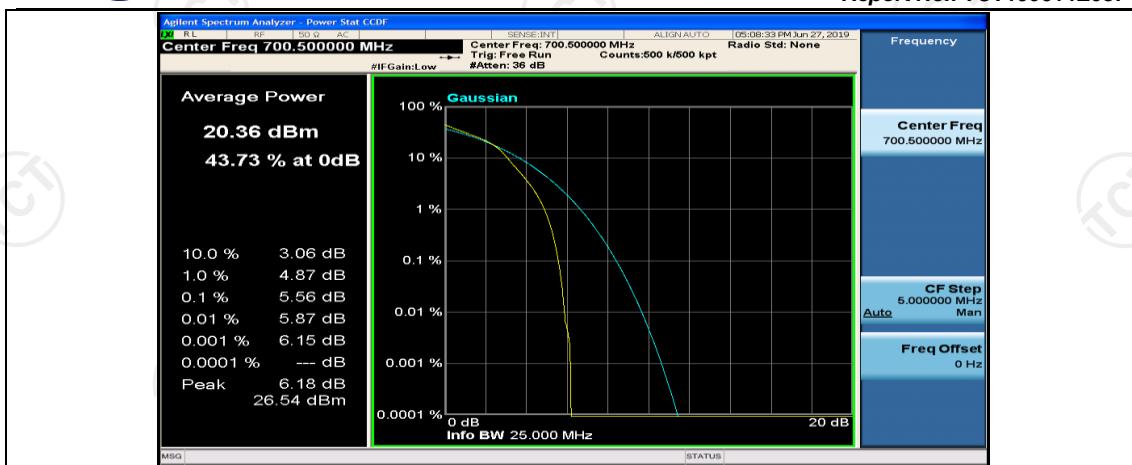








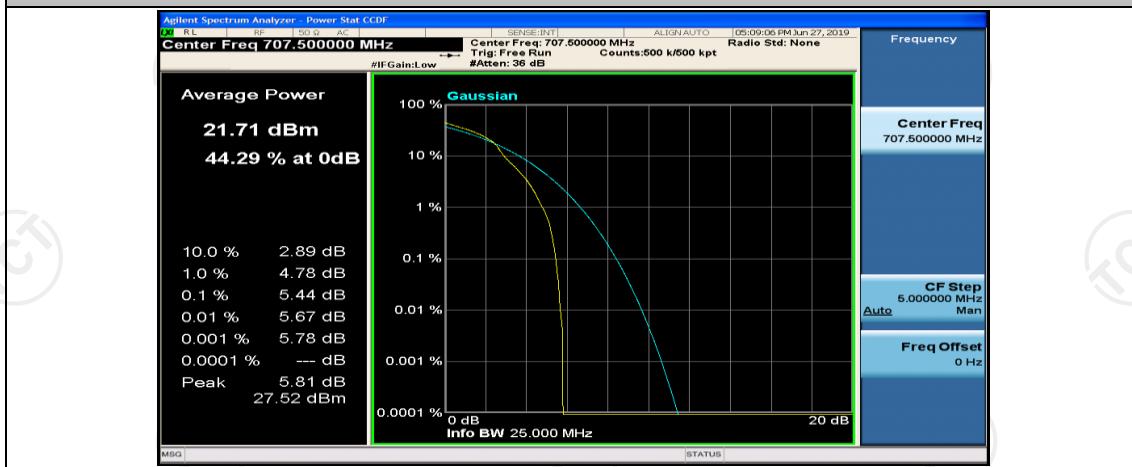




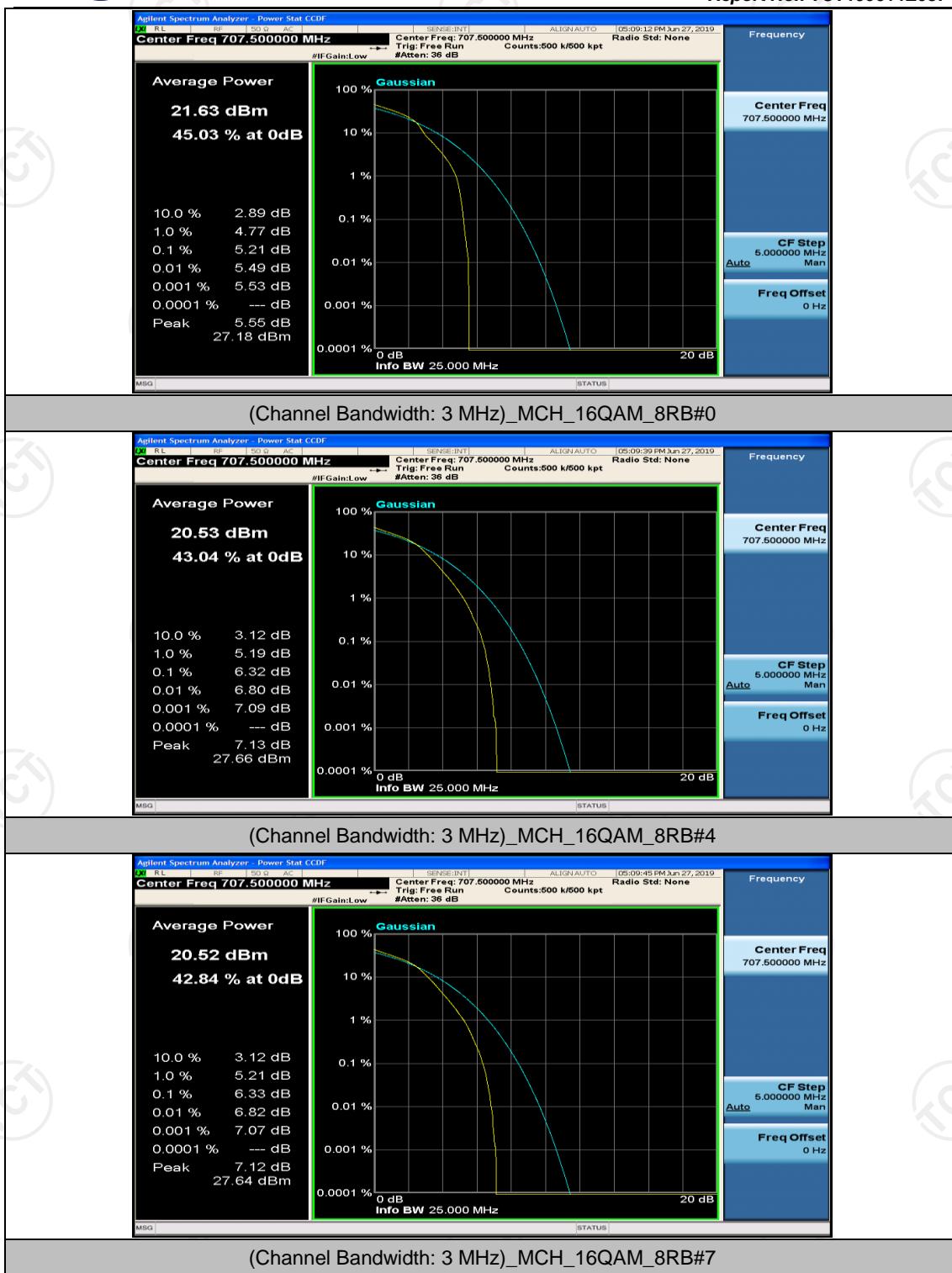
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

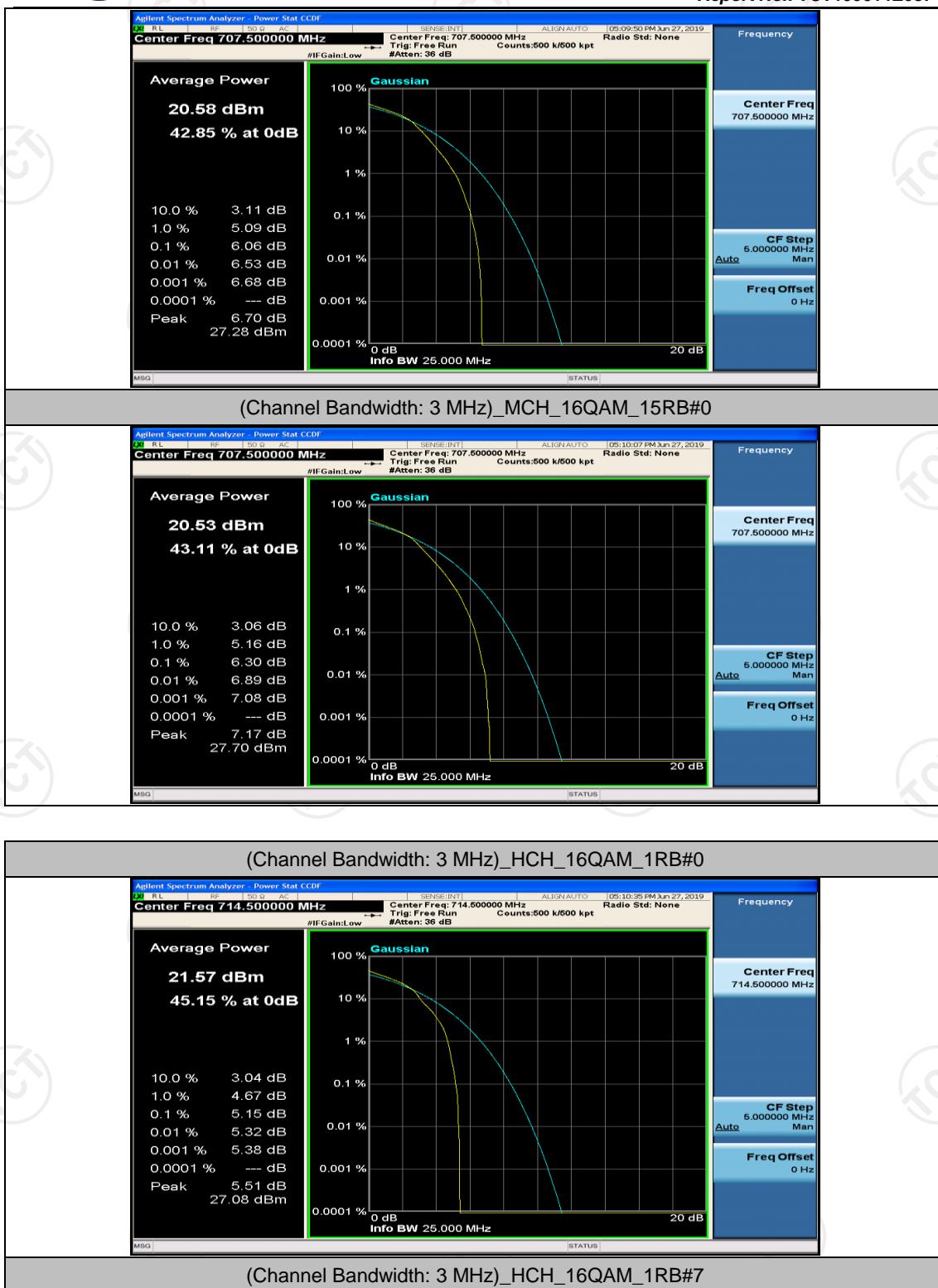


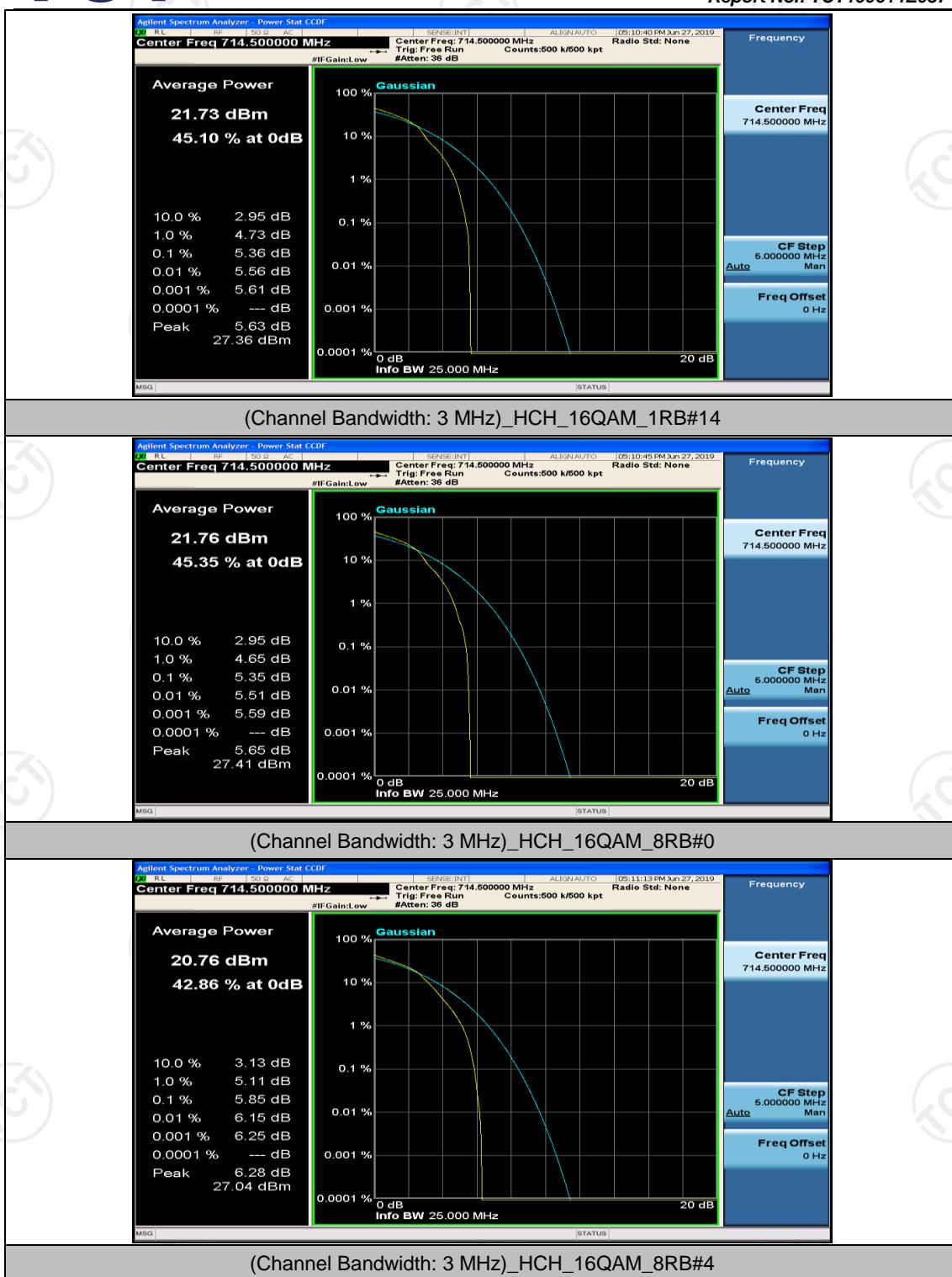
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

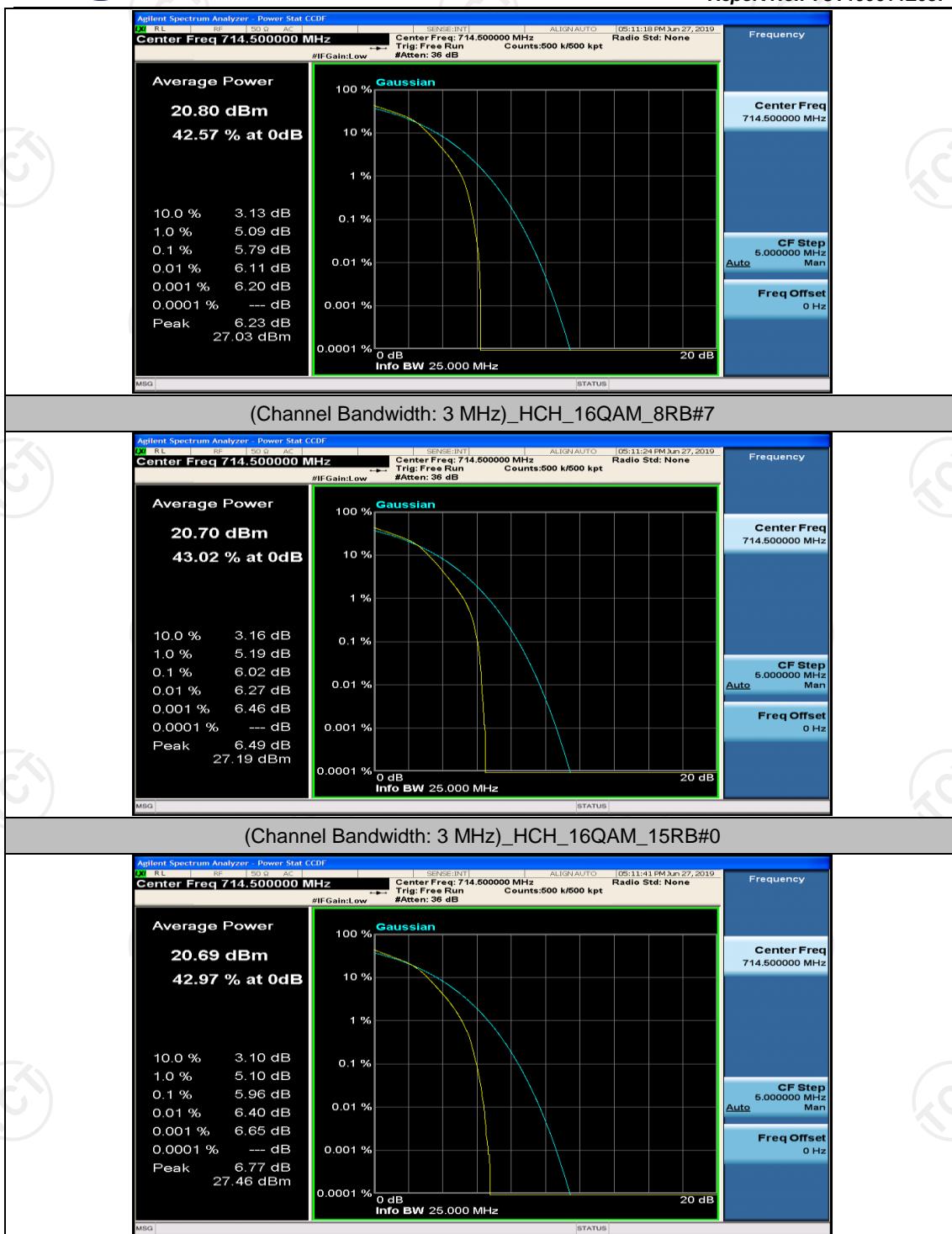


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14









Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

