

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.43	PASS
		1	12	22.46	PASS
		1	24	22.47	PASS
		12	0	21.82	PASS
		12	6	21.75	PASS
		12	13	21.79	PASS
		25	0	21.67	PASS
	MCH	1	0	22.34	PASS
		1	12	22.25	PASS
		1	24	22.33	PASS
		12	0	21.89	PASS
		12	6	21.90	PASS
		12	13	21.91	PASS
		25	0	21.99	PASS
16QAM	HCH	1	0	22.73	PASS
		1	12	22.74	PASS
		1	24	22.72	PASS
		12	0	21.19	PASS
		12	6	21.17	PASS
		12	13	21.17	PASS
		25	0	21.13	PASS
	LCH	1	0	21.78	PASS
		1	12	21.82	PASS
		1	24	21.82	PASS
		12	0	20.89	PASS
		12	6	20.90	PASS
		12	13	20.91	PASS
		25	0	20.35	PASS
	MCH	1	0	21.79	PASS
		1	12	21.79	PASS
		1	24	21.77	PASS
		12	0	20.34	PASS

		12	6	20.37	PASS
		12	13	20.39	PASS
		25	0	20.30	PASS
HCH	HCH	1	0	21.82	PASS
		1	12	21.87	PASS
		1	24	21.85	PASS
		12	0	20.33	PASS
		12	6	20.34	PASS
		12	13	20.32	PASS
		25	0	20.44	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.18	PASS
		1	24	22.17	PASS
		1	49	22.25	PASS
		25	0	21.69	PASS
		25	12	21.70	PASS
		25	25	21.71	PASS
		50	0	21.70	PASS
	MCH	1	0	22.60	PASS
		1	24	22.64	PASS
		1	49	22.72	PASS
		25	0	21.44	PASS
		25	12	21.41	PASS
		25	25	21.47	PASS
		50	0	21.42	PASS
	HCH	1	0	22.71	PASS
		1	24	22.64	PASS
		1	49	22.71	PASS
		25	0	21.39	PASS
		25	12	21.35	PASS
		25	25	21.34	PASS
		50	0	21.29	PASS
16QAM	LCH	1	0	21.79	PASS
		1	24	21.82	PASS
		1	49	21.86	PASS
		25	0	20.98	PASS
		25	12	20.91	PASS
		25	25	20.91	PASS
		50	0	20.99	PASS

MCH	MCH	1	0	21.72	PASS
		1	24	21.80	PASS
		1	49	21.82	PASS
		25	0	20.54	PASS
		25	12	20.58	PASS
		25	25	20.51	PASS
		50	0	20.52	PASS
	HCH	1	0	21.51	PASS
		1	24	21.48	PASS
		1	49	21.49	PASS
		25	0	20.35	PASS
		25	12	20.34	PASS
		25	25	20.39	PASS
		50	0	20.36	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.29	PASS
		1	37	22.24	PASS
		1	74	22.30	PASS
		37	0	21.75	PASS
		37	18	21.78	PASS
		37	38	21.79	PASS
		75	0	21.78	PASS
	MCH	1	0	22.64	PASS
		1	37	22.66	PASS
		1	74	22.69	PASS
		37	0	21.94	PASS
		37	18	21.55	PASS
		37	38	21.51	PASS
		75	0	21.44	PASS
	HCH	1	0	22.69	PASS
		1	37	22.82	PASS
		1	74	22.73	PASS
		37	0	21.35	PASS
		37	18	21.38	PASS
		37	38	21.32	PASS
		75	0	21.37	PASS
16QAM	LCH	1	0	21.88	PASS
		1	37	21.91	PASS
		1	74	21.96	PASS

		37	0	20.98	PASS
		37	18	20.99	PASS
		37	38	20.56	PASS
		75	0	20.51	PASS
MCH	MCH	1	0	21.31	PASS
		1	37	21.38	PASS
		1	74	21.36	PASS
		37	0	20.46	PASS
		37	18	20.34	PASS
		37	38	20.36	PASS
		75	0	20.32	PASS
HCH	HCH	1	0	21.38	PASS
		1	37	21.41	PASS
		1	74	21.38	PASS
		37	0	20.48	PASS
		37	18	20.38	PASS
		37	38	20.37	PASS
		75	0	20.33	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.33	PASS
		1	49	22.31	PASS
		1	99	22.41	PASS
		50	0	21.73	PASS
		50	25	21.79	PASS
		50	50	21.72	PASS
		100	0	21.81	PASS
	MCH	1	0	22.57	PASS
		1	49	22.61	PASS
		1	99	22.63	PASS
		50	0	21.96	PASS
		50	25	21.88	PASS
		50	50	21.85	PASS
		100	0	21.96	PASS
	HCH	1	0	22.64	PASS
		1	49	22.75	PASS
		1	99	22.99	PASS
		50	0	21.94	PASS
		50	25	21.91	PASS
		50	50	21.97	PASS

		100	0	21.48	PASS
16QAM	LCH	1	0	21.59	PASS
		1	49	21.63	PASS
		1	99	21.72	PASS
		50	0	20.96	PASS
		50	25	20.91	PASS
		50	50	20.96	PASS
		100	0	20.99	PASS
	MCH	1	0	21.74	PASS
		1	49	21.78	PASS
		1	99	21.77	PASS
		50	0	20.33	PASS
		50	25	20.33	PASS
		50	50	20.38	PASS
		100	0	20.36	PASS
	HCH	1	0	21.64	PASS
		1	49	21.72	PASS
		1	99	21.99	PASS
		50	0	20.36	PASS
		50	25	20.34	PASS
		50	50	20.33	PASS
		100	0	20.35	PASS

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	5.41	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.51	<13	PASS
		12	0	5.5	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.5	<13	PASS
		25	0	5.62	<13	PASS
	MCH	1	0	5.46	<13	PASS
		1	12	5.17	<13	PASS
		1	24	5.36	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.63	<13	PASS
16QAM	LCH	1	0	5.28	<13	PASS
		1	12	5.28	<13	PASS
		1	24	5.19	<13	PASS
		12	0	5.53	<13	PASS
		12	6	5.53	<13	PASS
		12	13	5.49	<13	PASS
		25	0	5.53	<13	PASS
	MCH	1	0	5.58	<13	PASS
		1	12	5.66	<13	PASS
		1	24	5.67	<13	PASS
		12	0	6.41	<13	PASS
		12	6	6.43	<13	PASS
		12	13	6.38	<13	PASS
		25	0	6.34	<13	PASS

		12	6	6.46	<13	PASS
		12	13	6.41	<13	PASS
		25	0	6.35	<13	PASS
HCH		1	0	6.11	<13	PASS
		1	12	5.96	<13	PASS
		1	24	5.93	<13	PASS
		12	0	6.46	<13	PASS
		12	6	6.44	<13	PASS
		12	13	6.49	<13	PASS
		25	0	6.2	<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	5.42	<13	PASS
		1	24	5.37	<13	PASS
		1	49	5.65	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.7	<13	PASS
	MCH	1	0	5.21	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.67	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.7	<13	PASS
	HCH	1	0	5.37	<13	PASS
		1	24	5.32	<13	PASS
		1	49	5.12	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.57	<13	PASS
		25	25	5.47	<13	PASS
		50	0	5.62	<13	PASS
16QAM	LCH	1	0	5.26	<13	PASS
		1	24	5.3	<13	PASS
		1	49	5.49	<13	PASS
		25	0	6.61	<13	PASS
		25	12	6.59	<13	PASS

		25	25	6.58	<13	PASS
		50	0	6.43	<13	PASS
MCH		1	0	5.91	<13	PASS
		1	24	5.59	<13	PASS
		1	49	5.68	<13	PASS
		25	0	6.53	<13	PASS
		25	12	6.52	<13	PASS
		25	25	6.49	<13	PASS
		50	0	6.45	<13	PASS
		1	0	6.05	<13	PASS
HCH		1	24	5.6	<13	PASS
		1	49	5.59	<13	PASS
		25	0	6.5	<13	PASS
		25	12	6.38	<13	PASS
		25	25	6.31	<13	PASS
		50	0	6.39	<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	5.29	<13	PASS
		1	37	5.4	<13	PASS
		1	74	5.72	<13	PASS
		37	0	5.68	<13	PASS
		37	18	5.74	<13	PASS
		37	38	5.91	<13	PASS
		75	0	6.1	<13	PASS
	MCH	1	0	5.56	<13	PASS
		1	37	5.23	<13	PASS
		1	74	5.39	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.66	<13	PASS
		37	38	5.63	<13	PASS
		75	0	5.99	<13	PASS
	HCH	1	0	5.53	<13	PASS
		1	37	5.14	<13	PASS
		1	74	5.1	<13	PASS
		37	0	5.78	<13	PASS
		37	18	5.61	<13	PASS
		37	38	5.6	<13	PASS

		75	0	5.96	<13	PASS
16QAM	LCH	1	0	5.23	<13	PASS
		1	37	5.37	<13	PASS
		1	74	5.64	<13	PASS
		37	0	6.5	<13	PASS
		37	18	6.44	<13	PASS
		37	38	6.59	<13	PASS
		75	0	6.57	<13	PASS
	MCH	1	0	5.73	<13	PASS
		1	37	5.53	<13	PASS
		1	74	5.63	<13	PASS
		37	0	6.55	<13	PASS
		37	18	6.43	<13	PASS
		37	38	6.41	<13	PASS
		75	0	6.51	<13	PASS
	HCH	1	0	6.22	<13	PASS
		1	37	5.77	<13	PASS
		1	74	5.67	<13	PASS
		37	0	6.55	<13	PASS
		37	18	6.46	<13	PASS
		37	38	6.31	<13	PASS
		75	0	6.48	<13	PASS

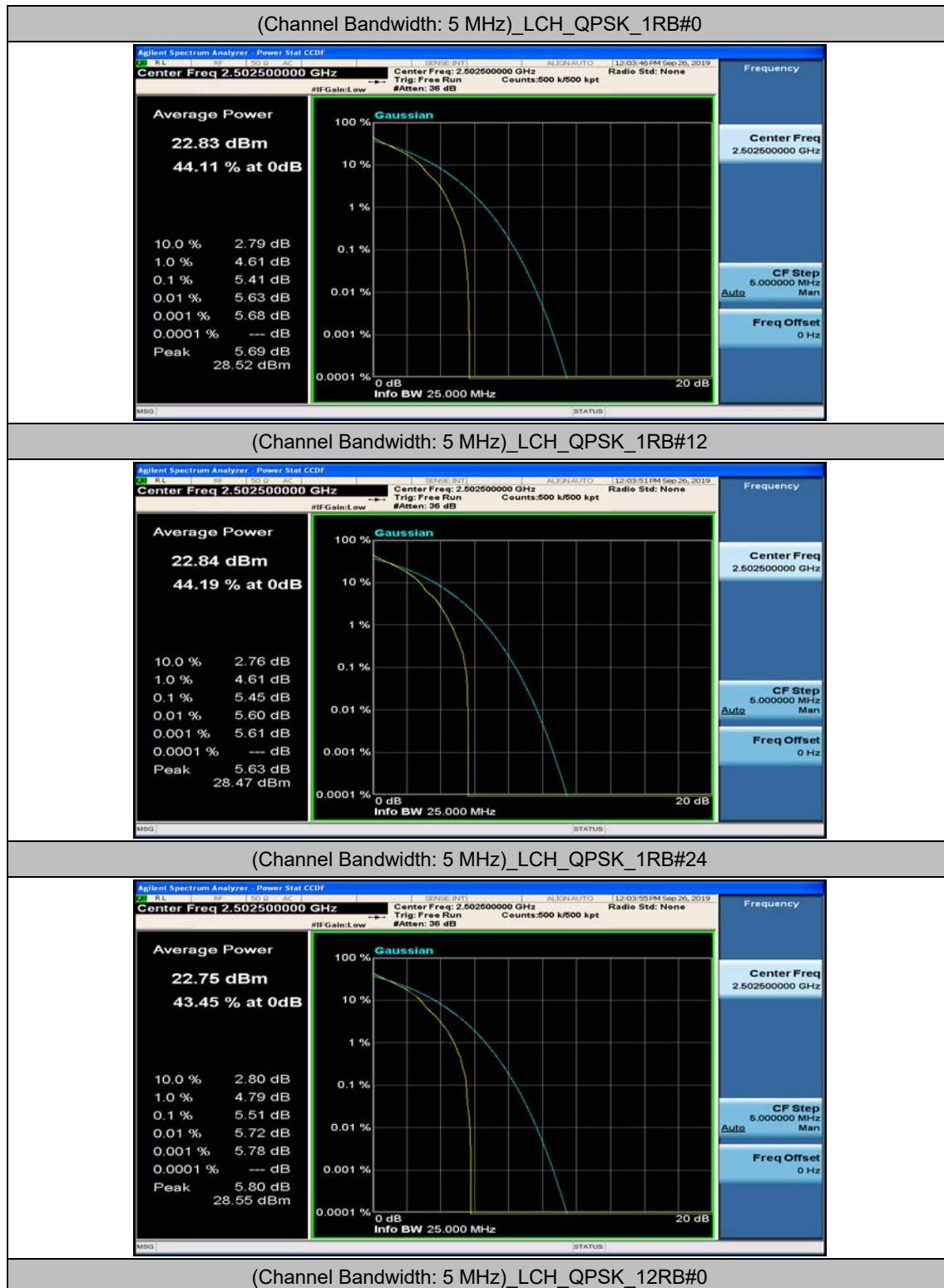
Channel Bandwidth: 20 MHz

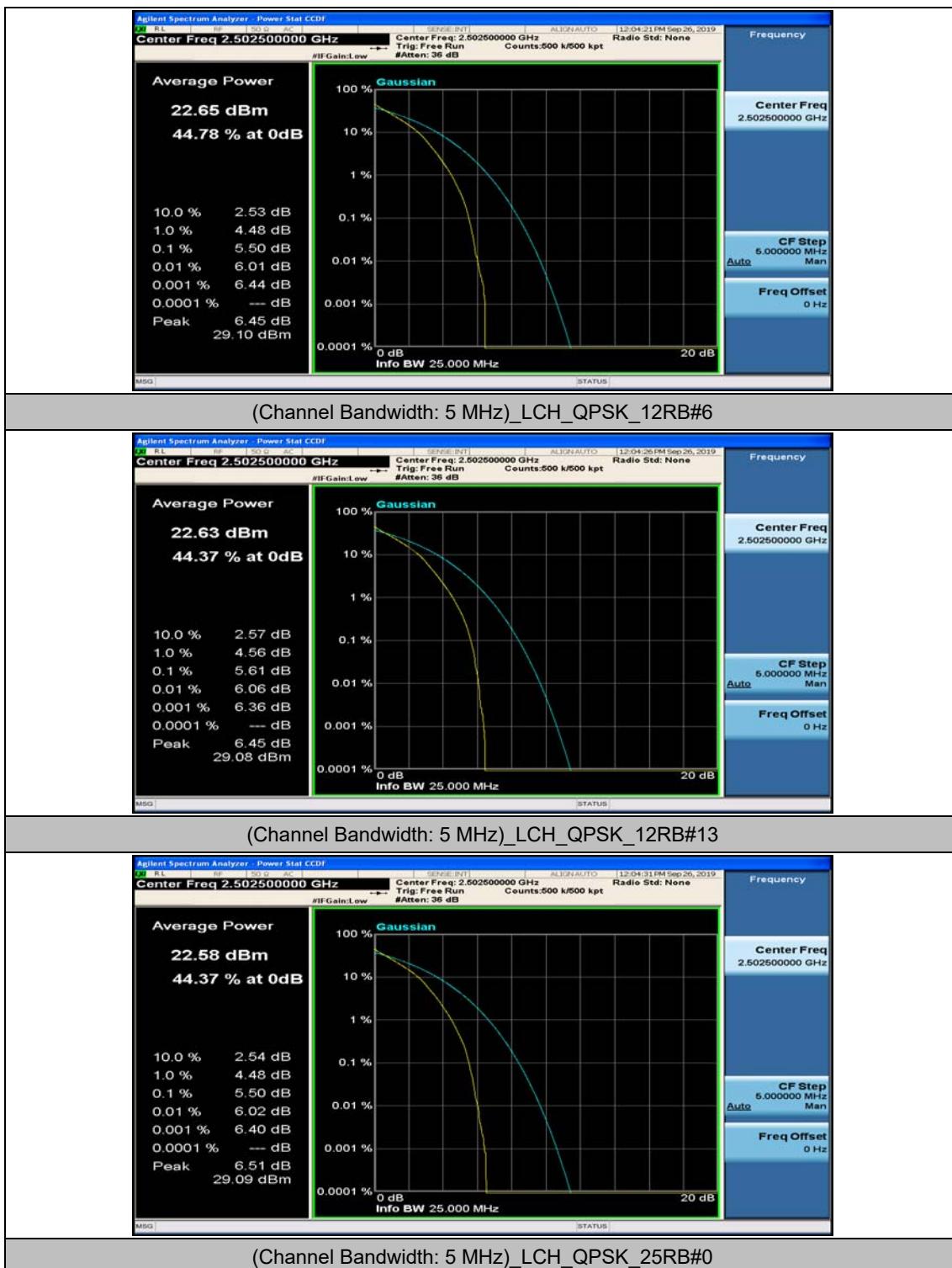
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.39	<13	PASS
		1	49	5.38	<13	PASS
		1	99	5.68	<13	PASS
		50	0	5.72	<13	PASS
		50	25	5.88	<13	PASS
		50	50	5.96	<13	PASS
		100	0	5.8	<13	PASS
	MCH	1	0	5.52	<13	PASS
		1	49	5.35	<13	PASS
		1	99	5.43	<13	PASS
		50	0	5.76	<13	PASS
		50	25	5.7	<13	PASS
		50	50	5.73	<13	PASS
		100	0	5.79	<13	PASS

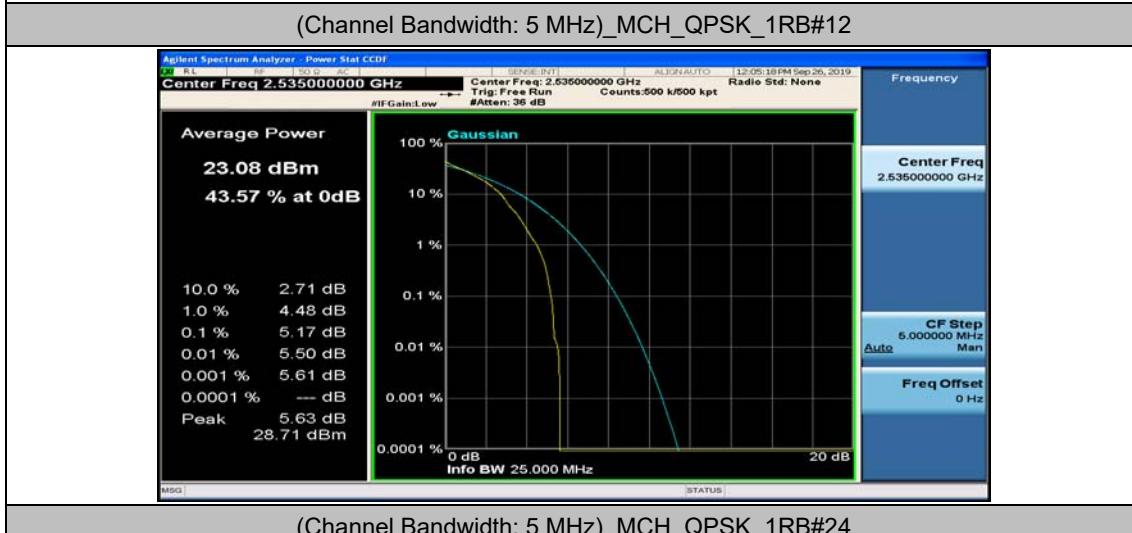
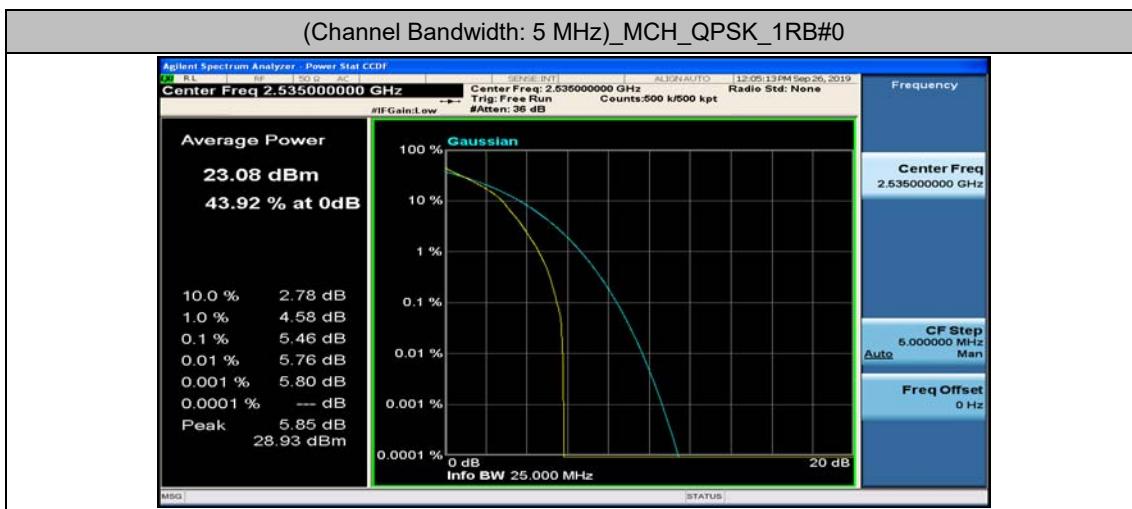
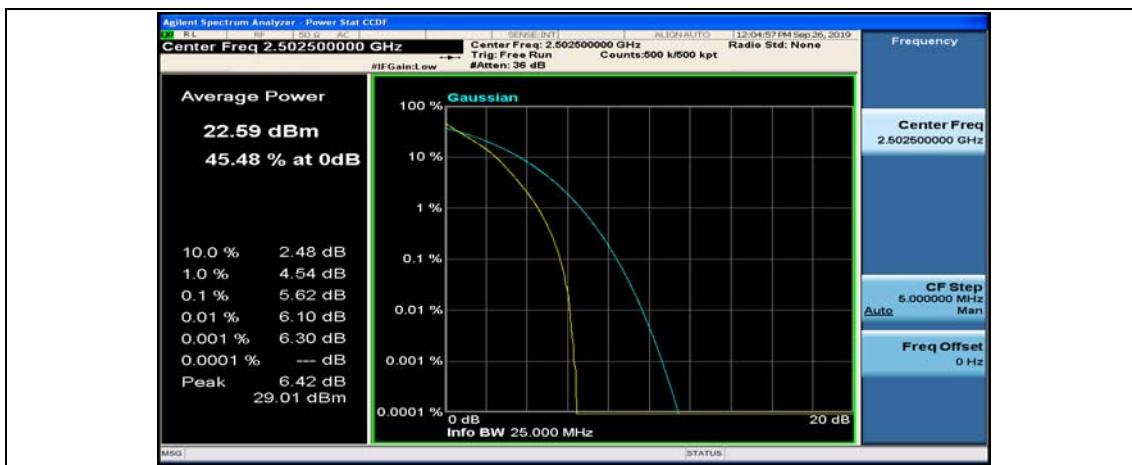
		1	0	5.59	<13	PASS
	HCH	1	49	5.35	<13	PASS
		1	99	5.03	<13	PASS
		50	0	5.85	<13	PASS
		50	25	5.8	<13	PASS
		50	50	5.64	<13	PASS
		100	0	5.71	<13	PASS
		1	0	5.86	<13	PASS
	LCH	1	49	6.01	<13	PASS
		1	99	6.28	<13	PASS
		50	0	6.49	<13	PASS
		50	25	6.56	<13	PASS
		50	50	6.69	<13	PASS
		100	0	6.55	<13	PASS
		1	0	6.46	<13	PASS
	MCH	1	49	6.01	<13	PASS
		1	99	6.25	<13	PASS
		50	0	6.56	<13	PASS
		50	25	6.53	<13	PASS
		50	50	6.43	<13	PASS
		100	0	6.48	<13	PASS
		1	0	5.91	<13	PASS
	HCH	1	49	5.7	<13	PASS
		1	99	5.26	<13	PASS
		50	0	6.62	<13	PASS
		50	25	6.49	<13	PASS
		50	50	6.43	<13	PASS
		100	0	6.53	<13	PASS
		1	0	6.53	<13	PASS

Test Graphs

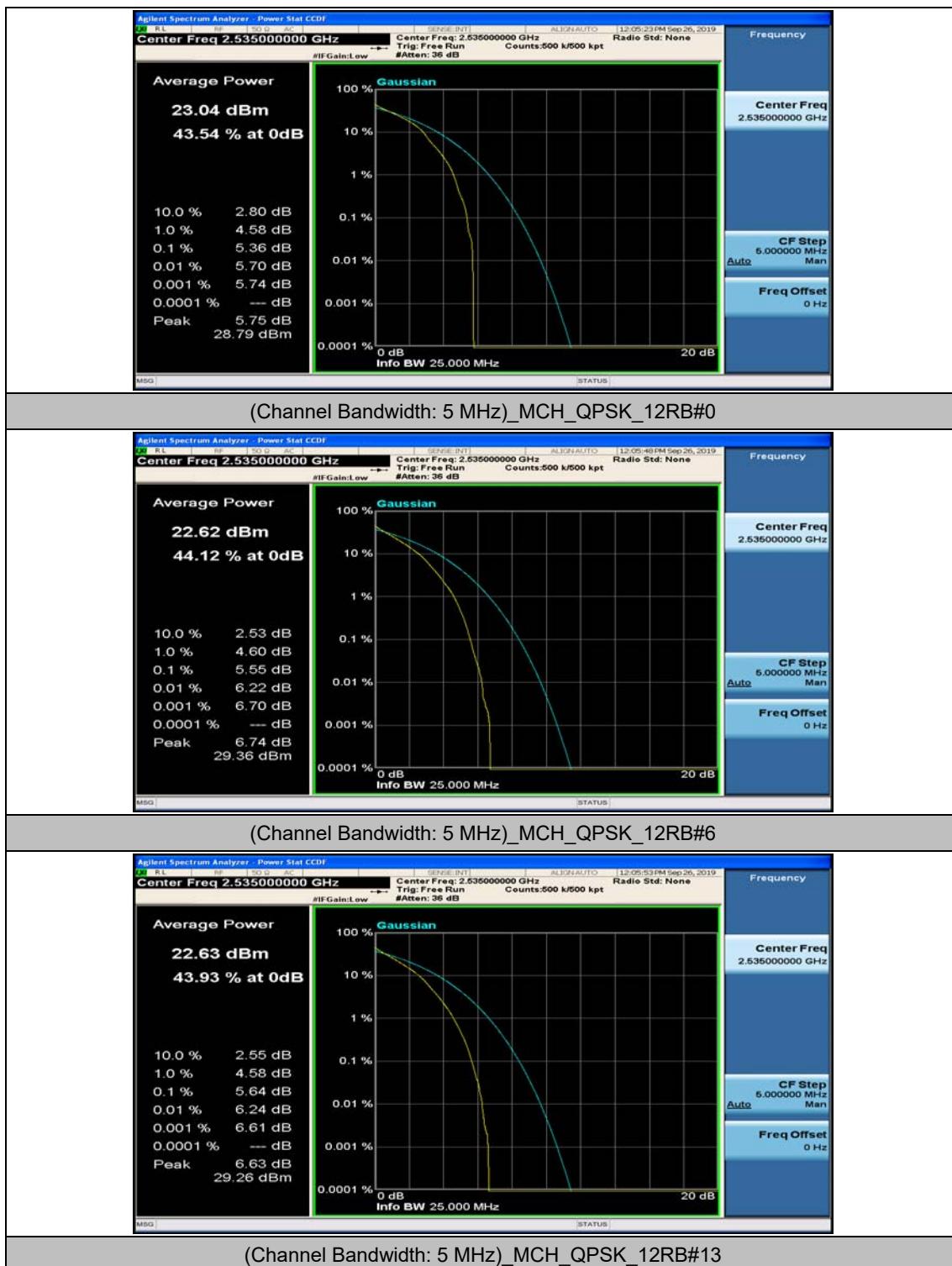
Channel Bandwidth: 5 MHz

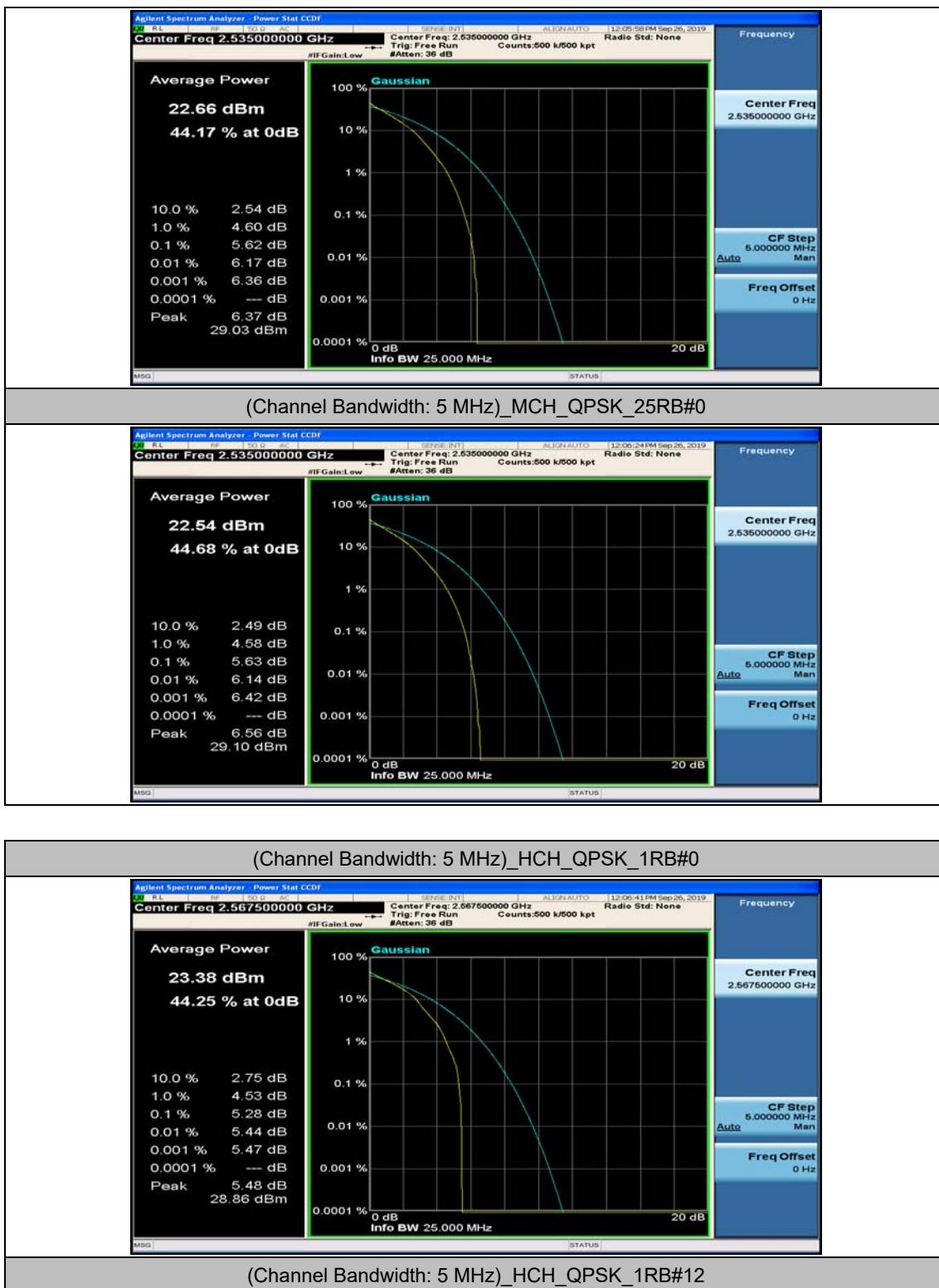


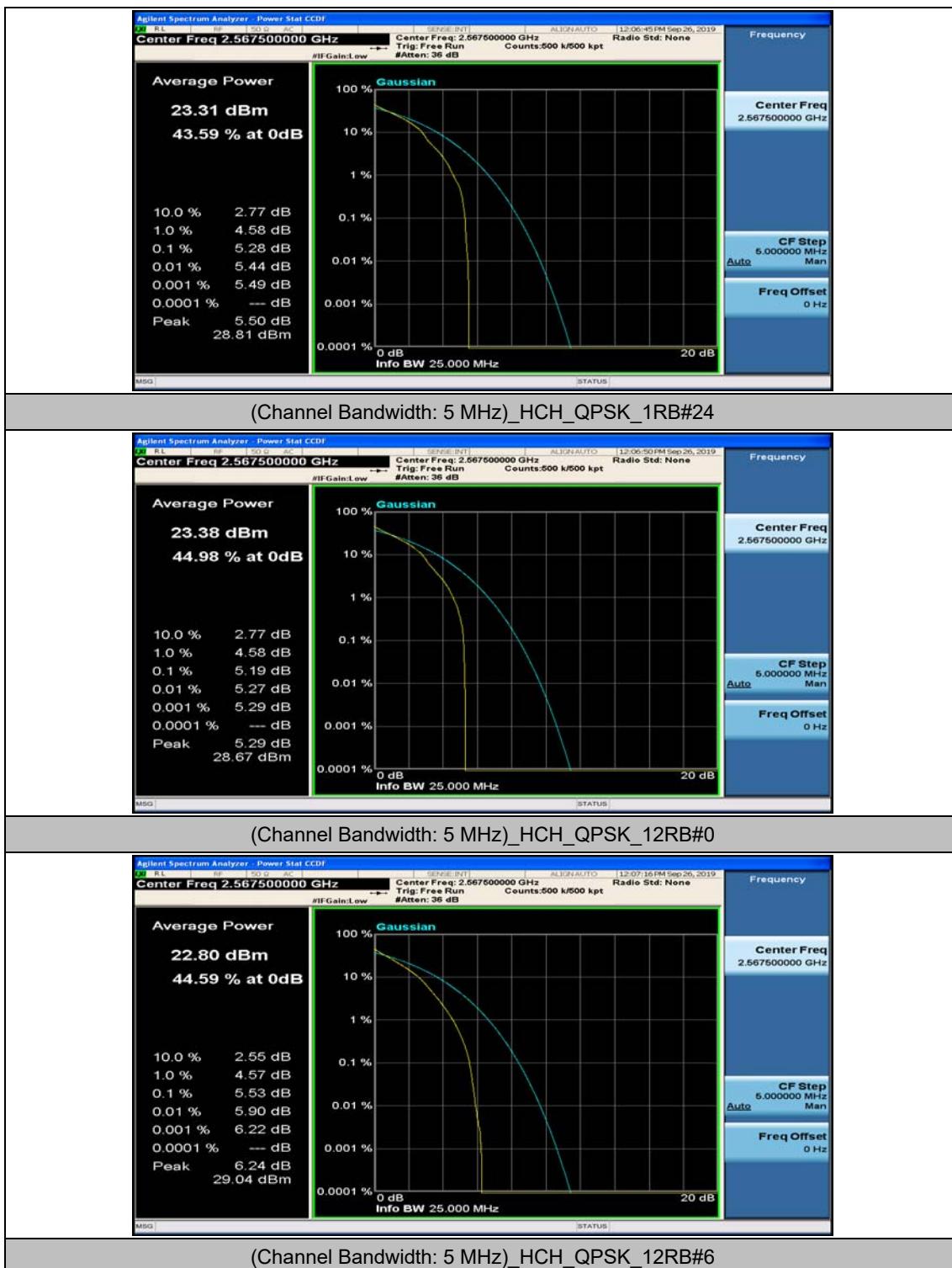


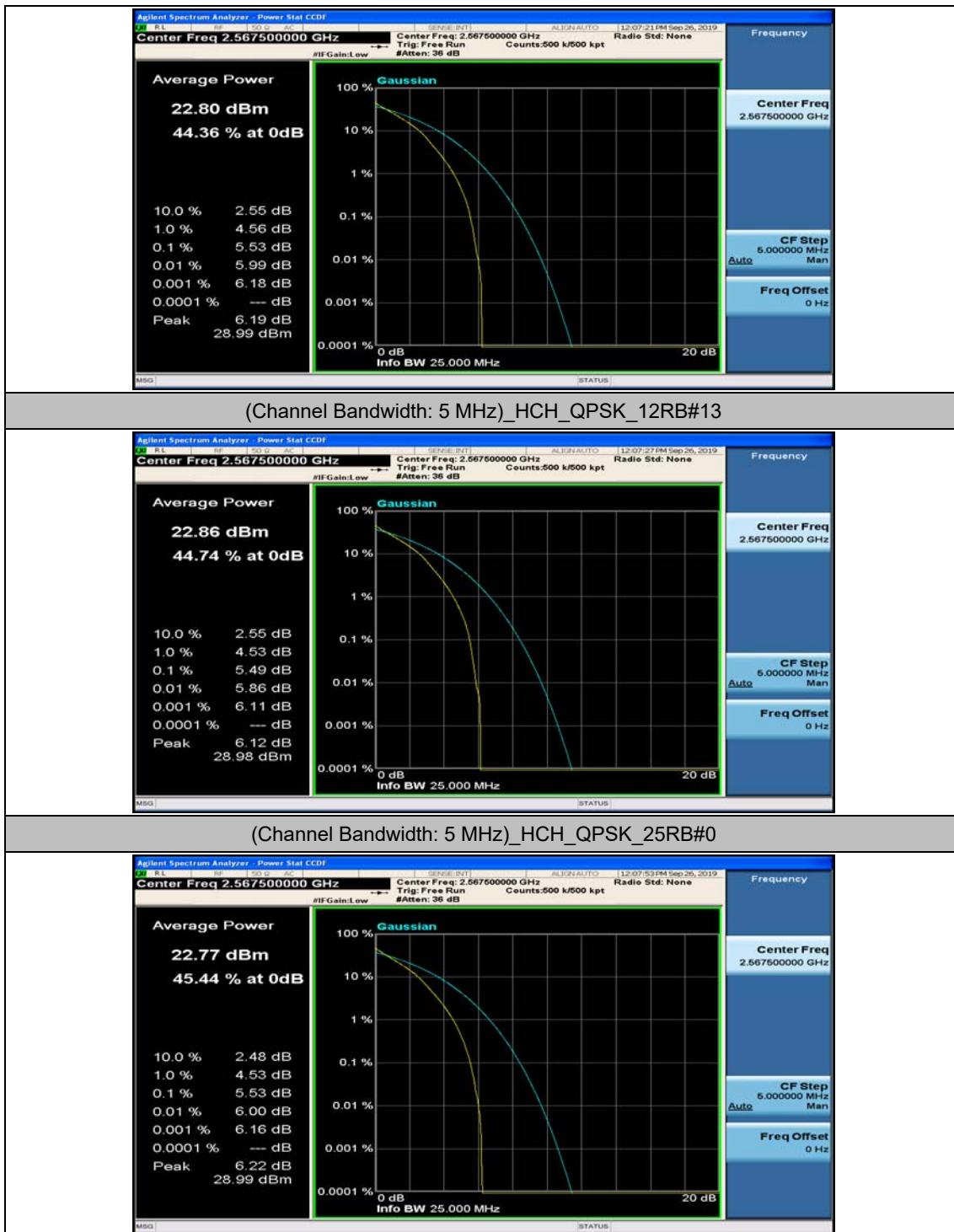


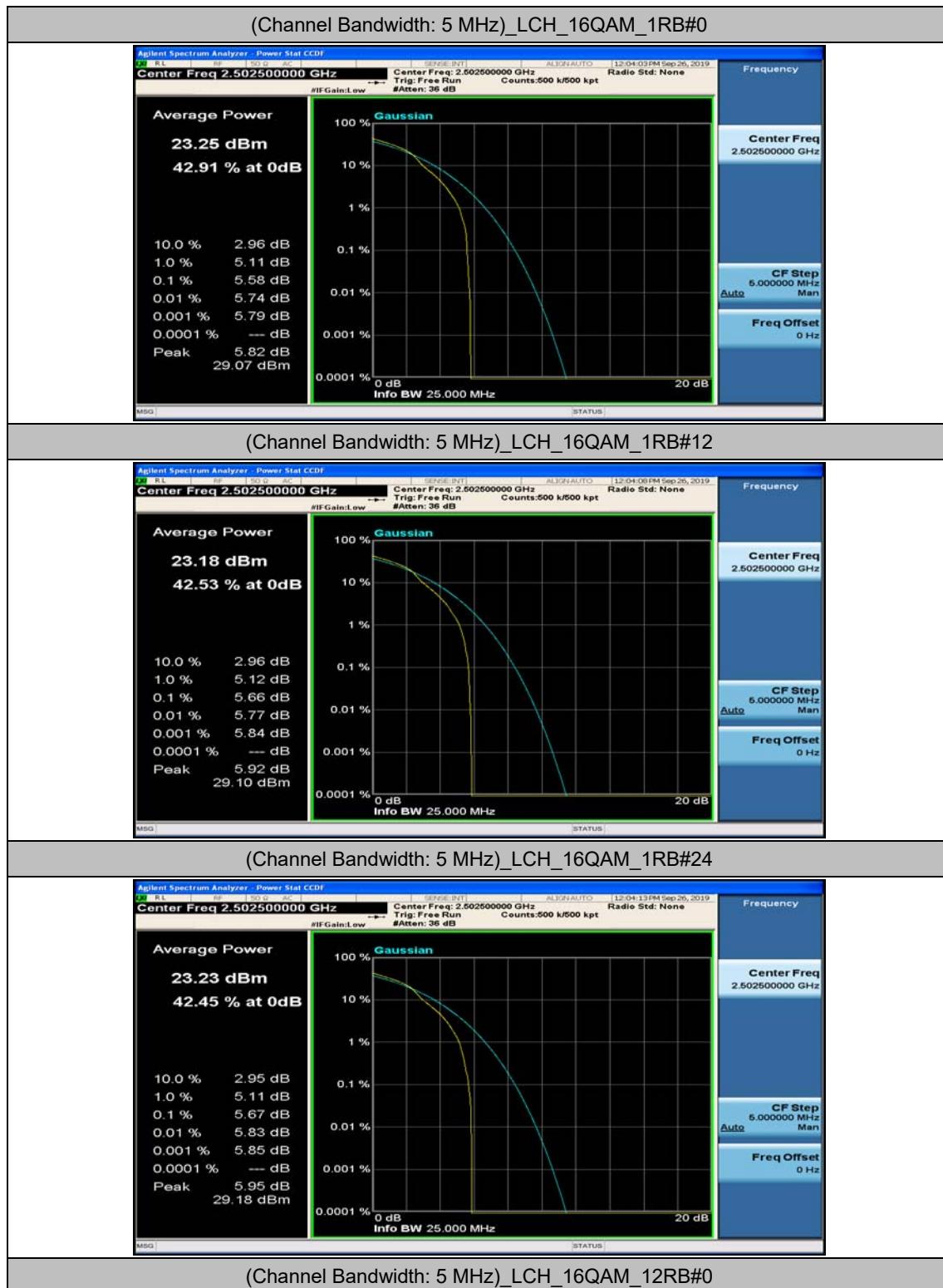
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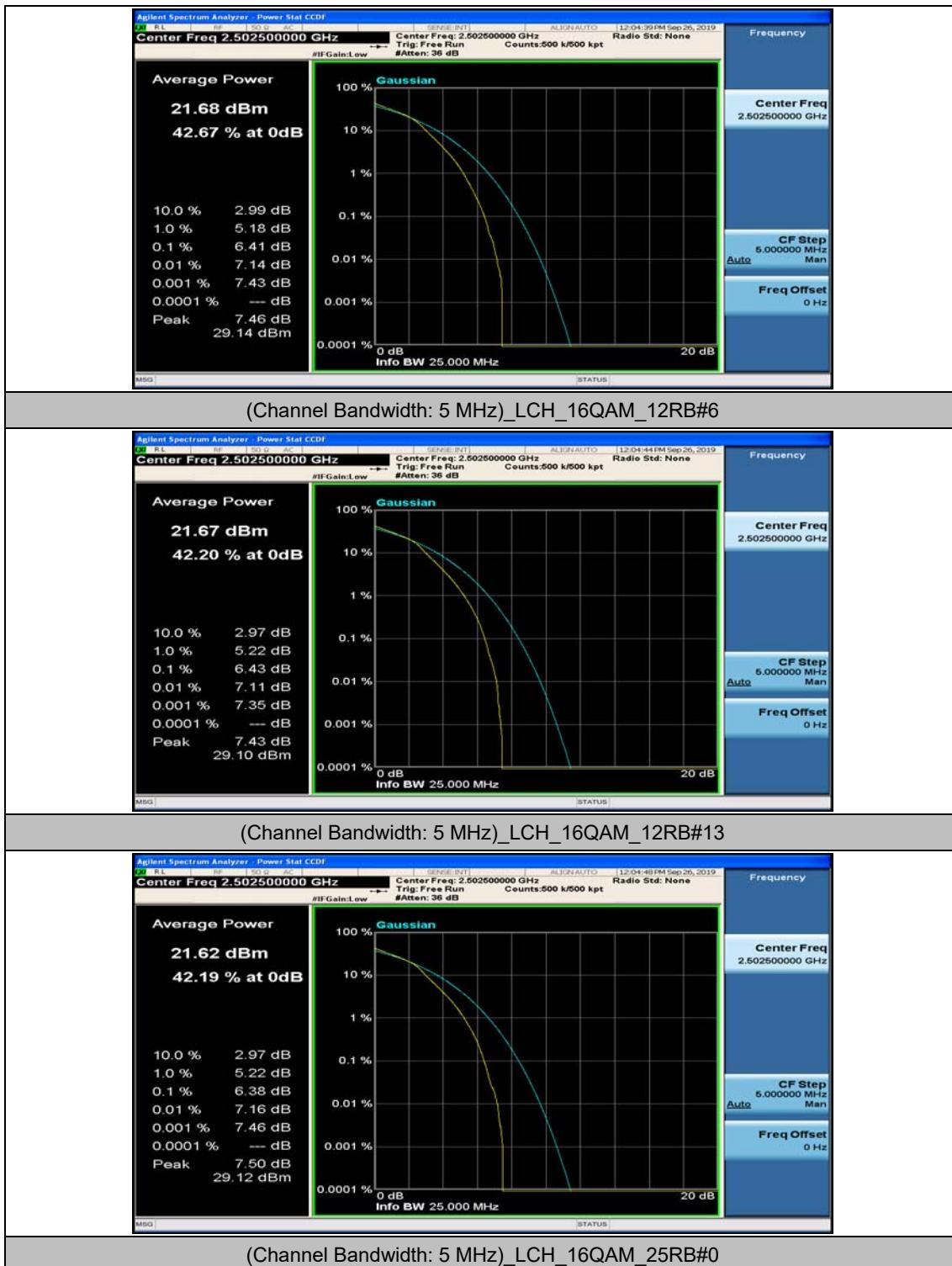


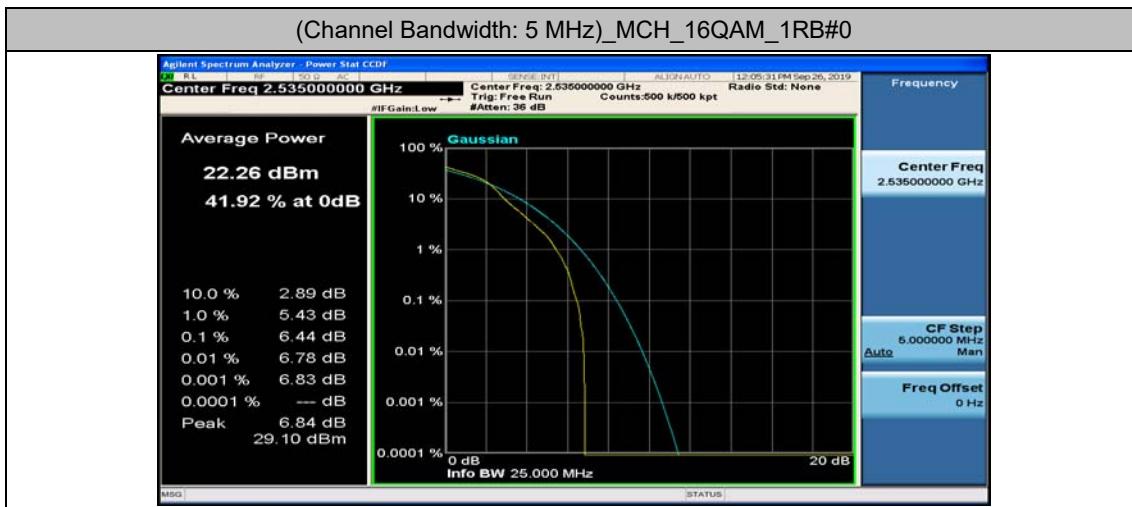
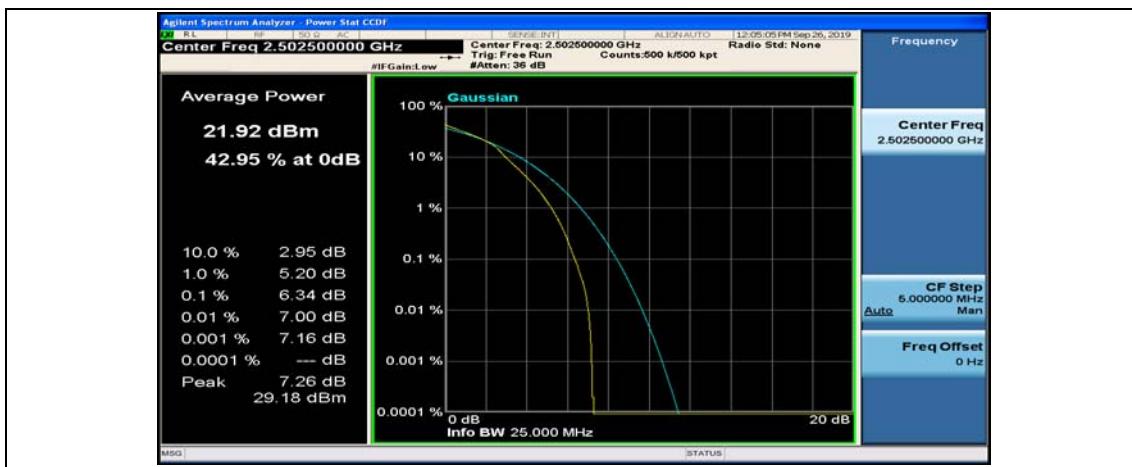




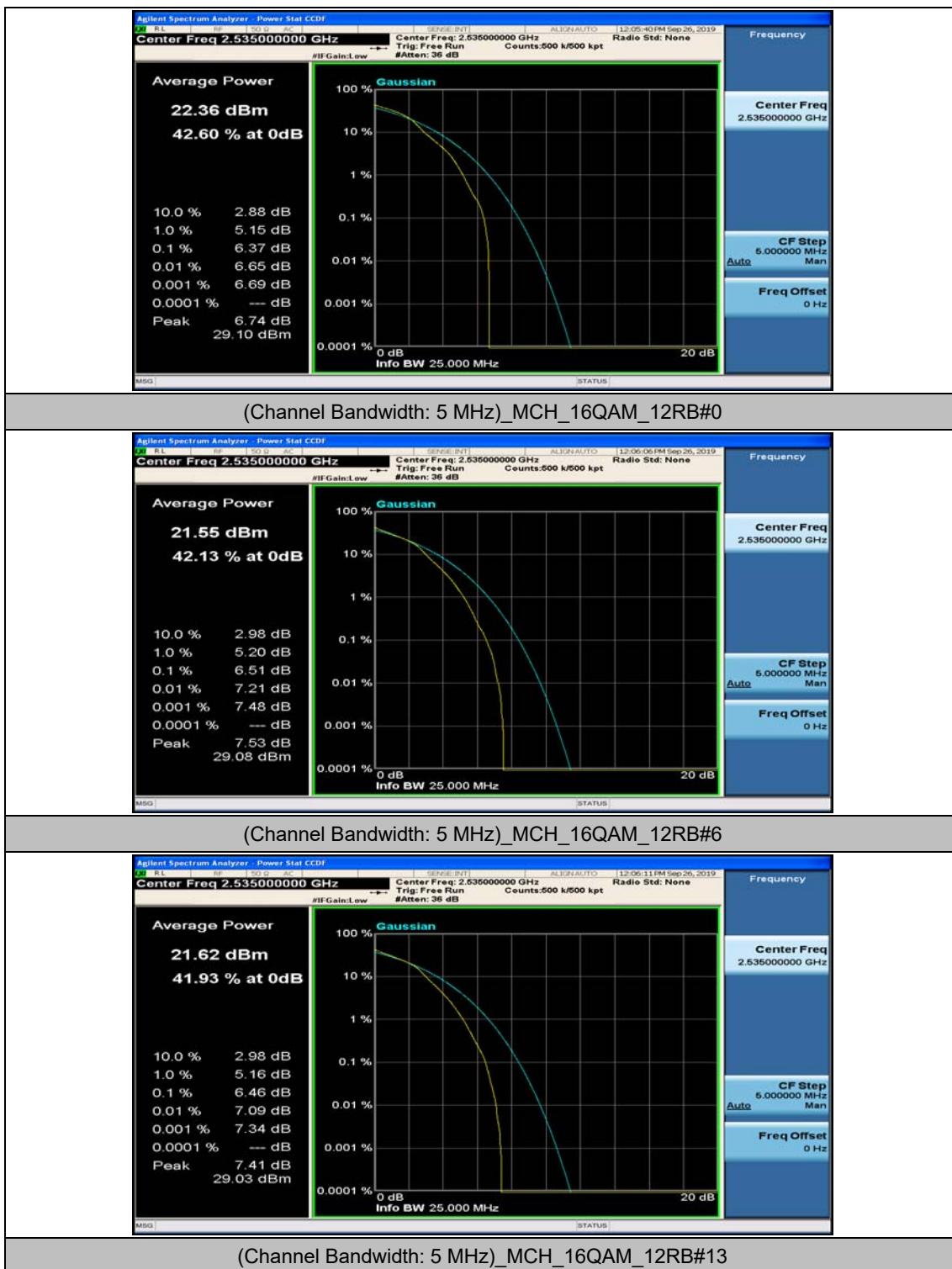


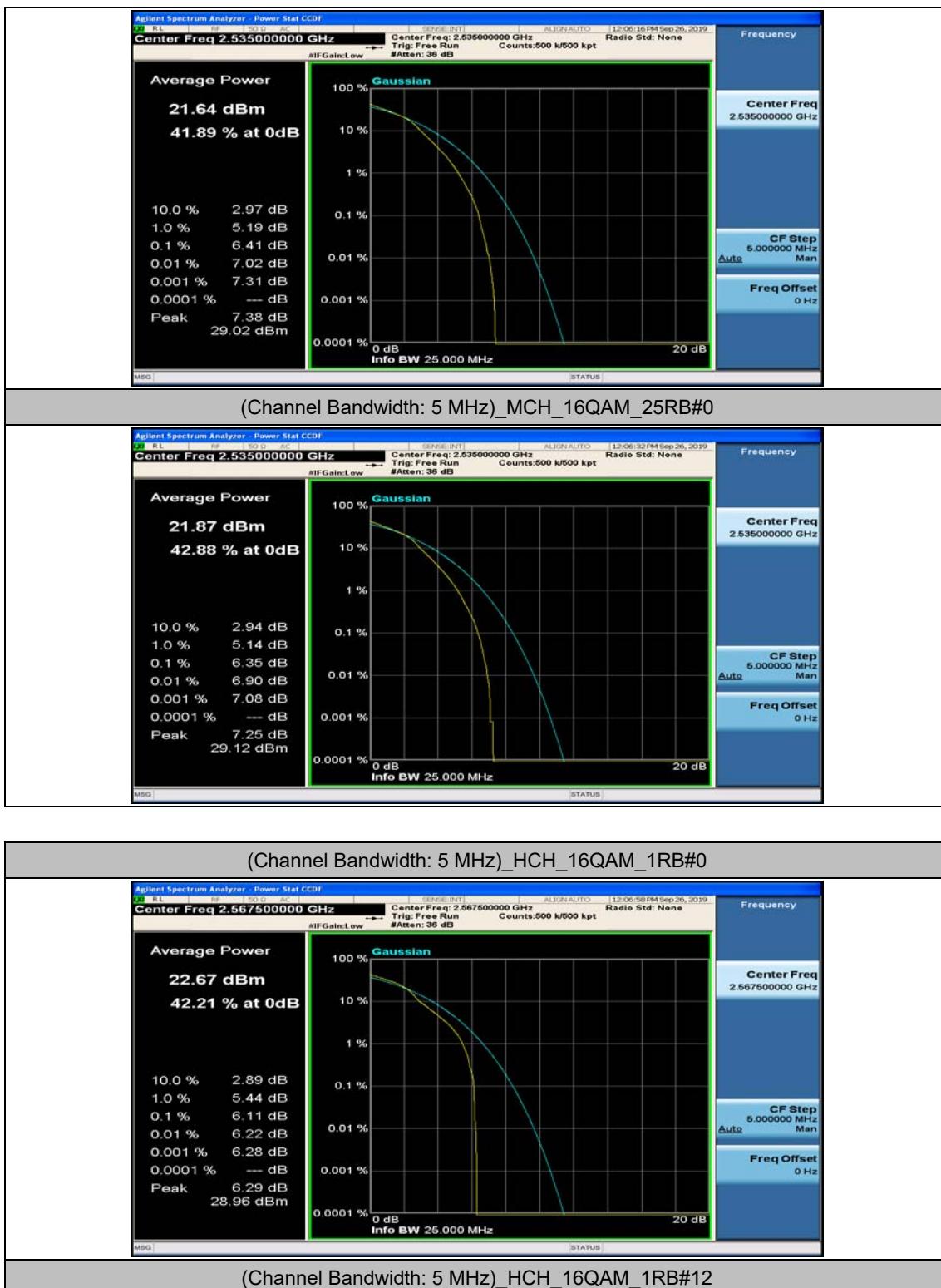


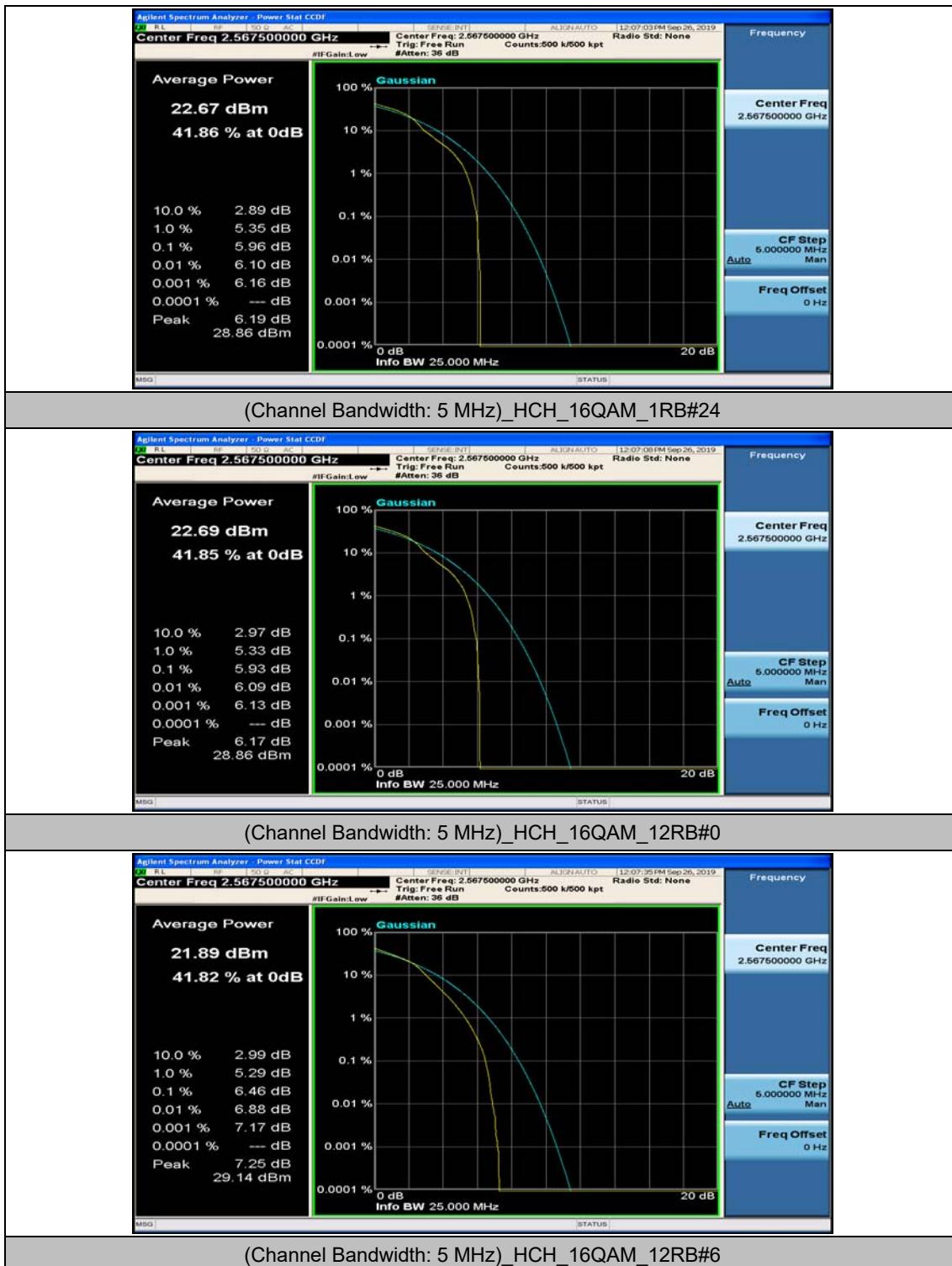


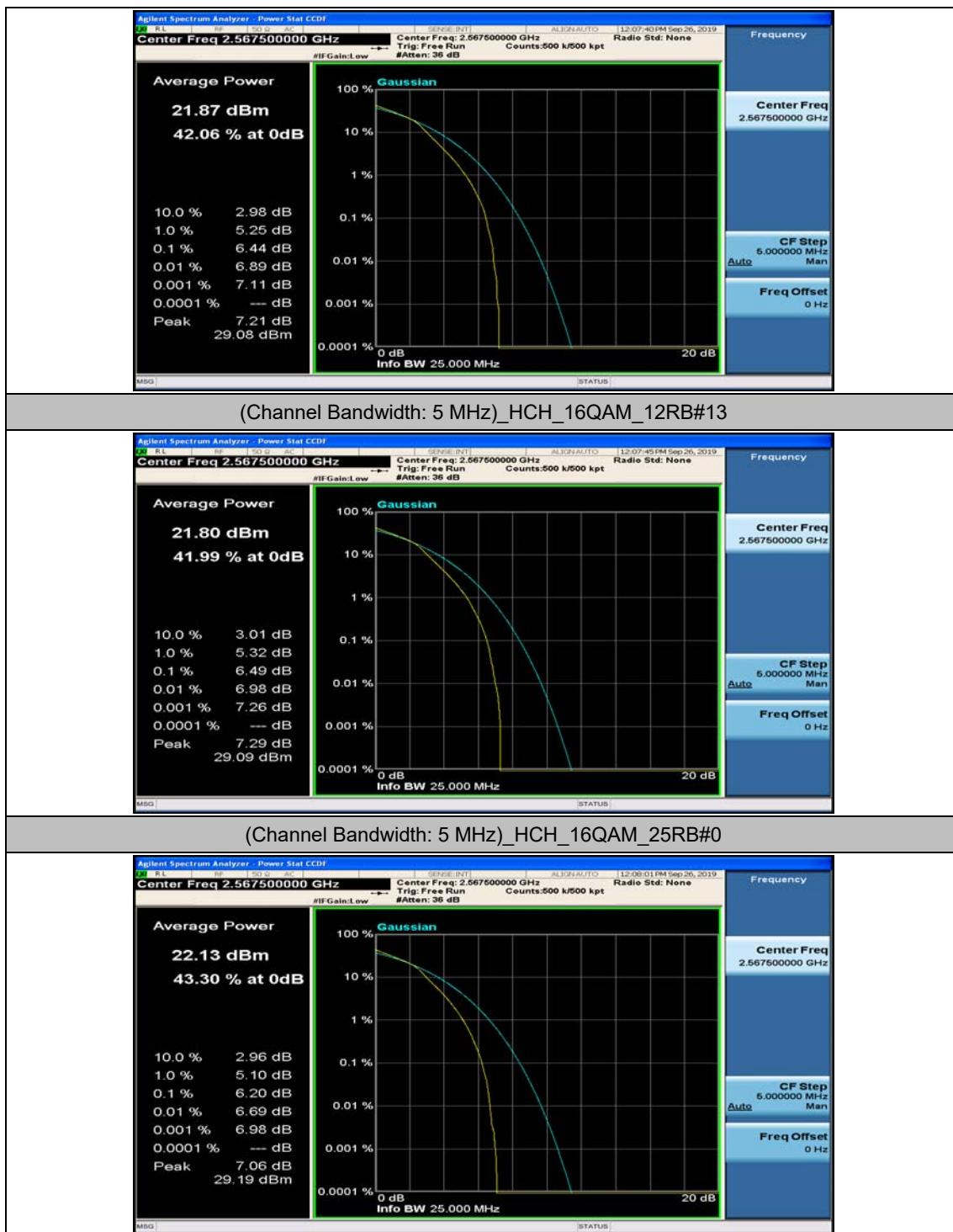


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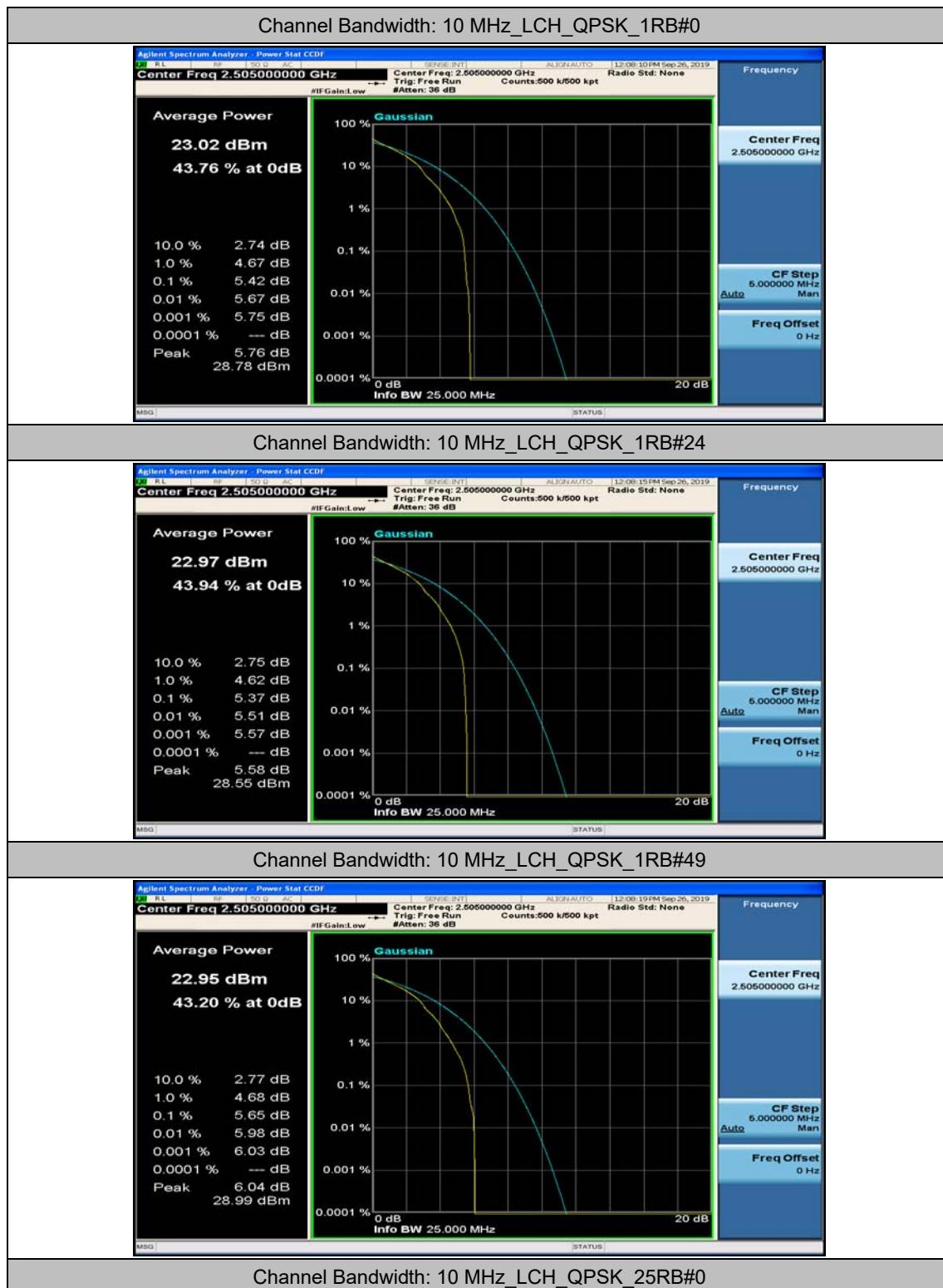


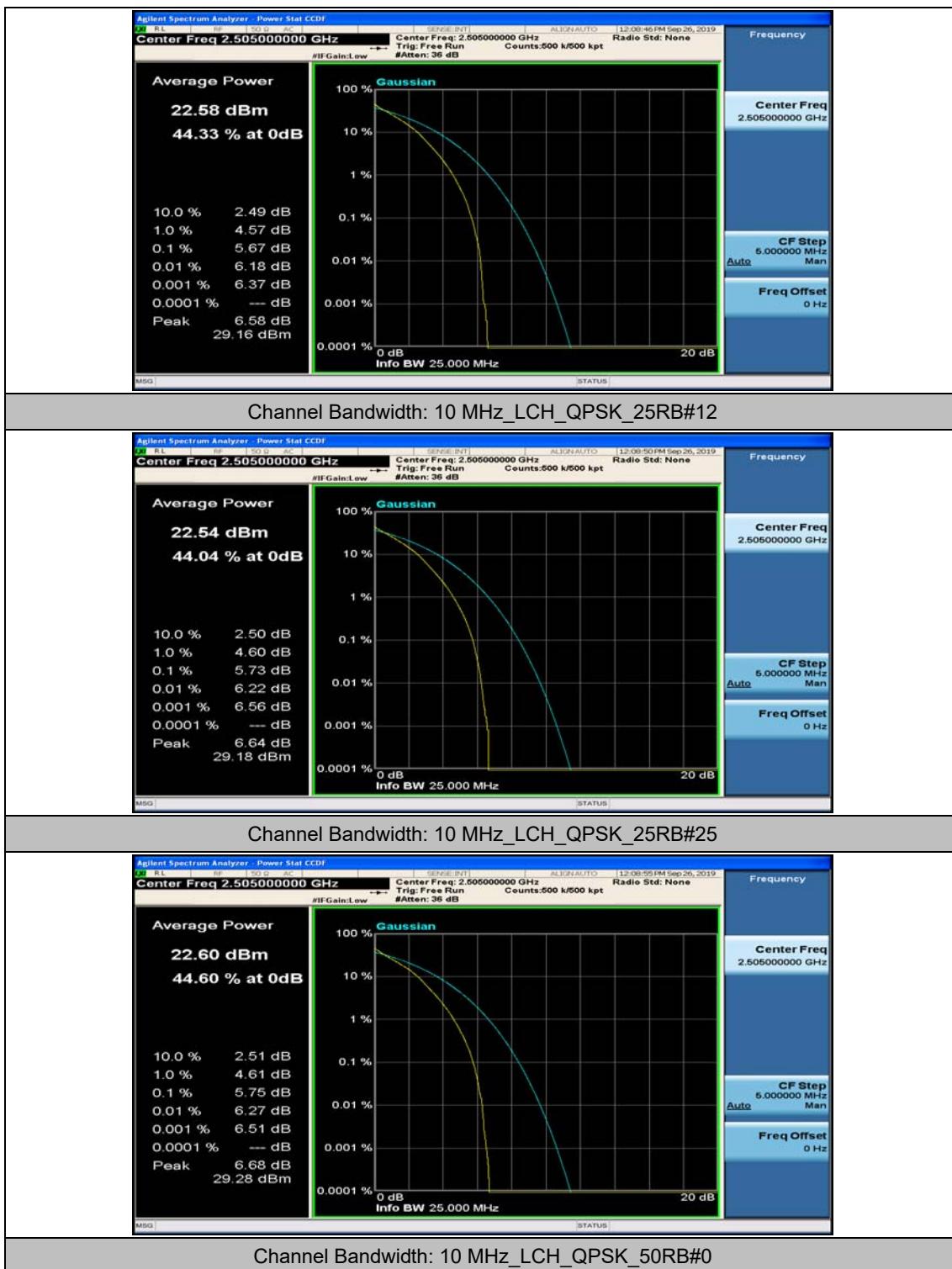


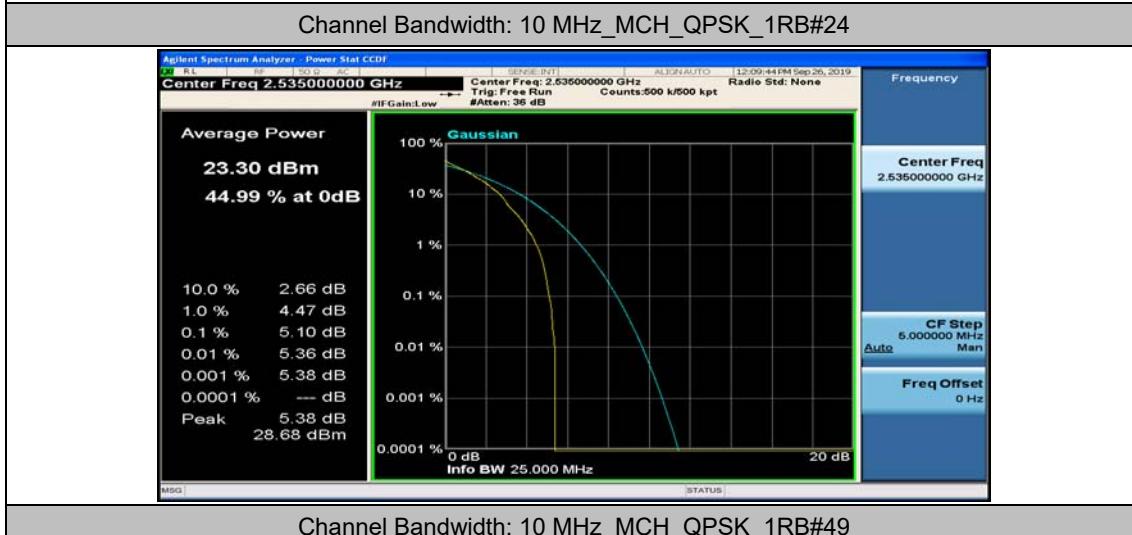
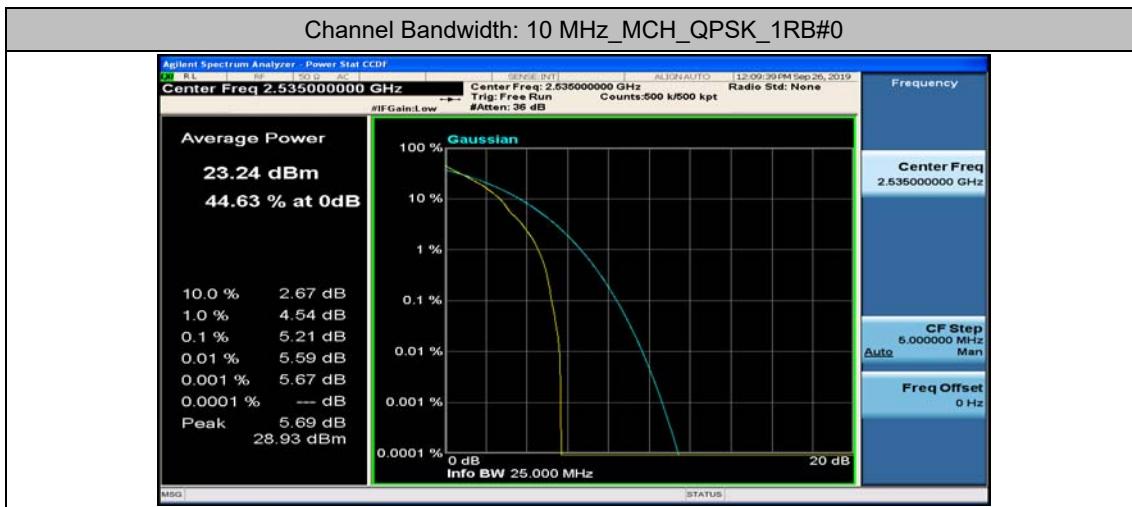
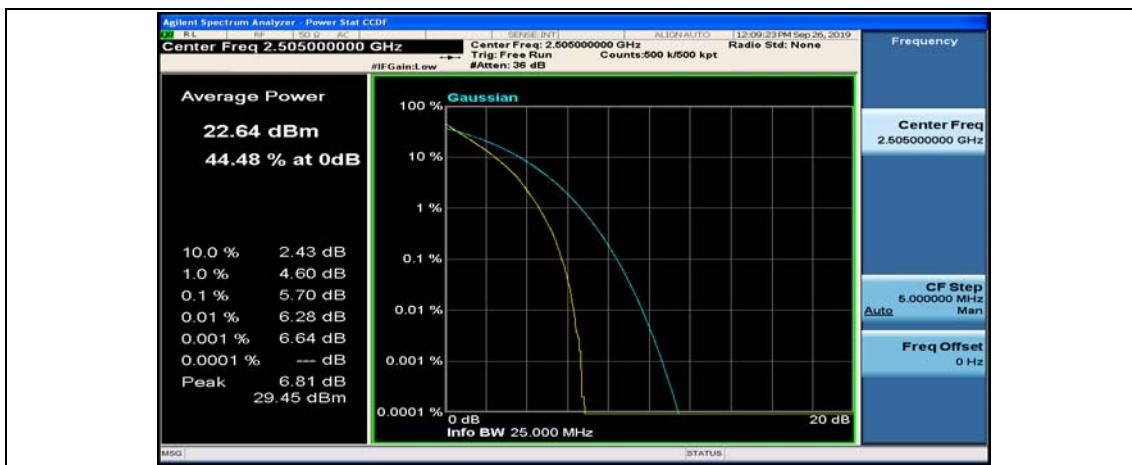




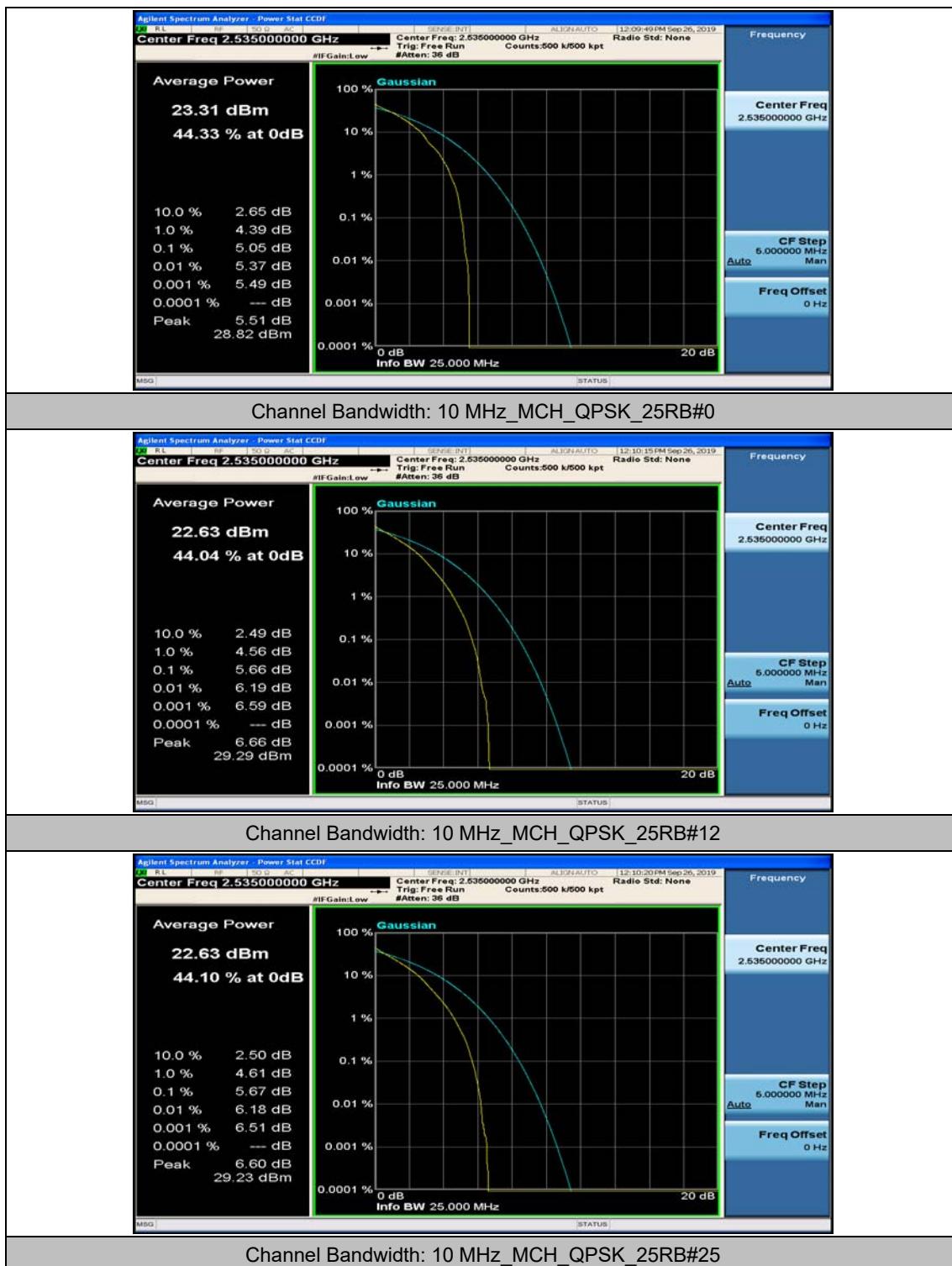
Channel Bandwidth: 10 MHz

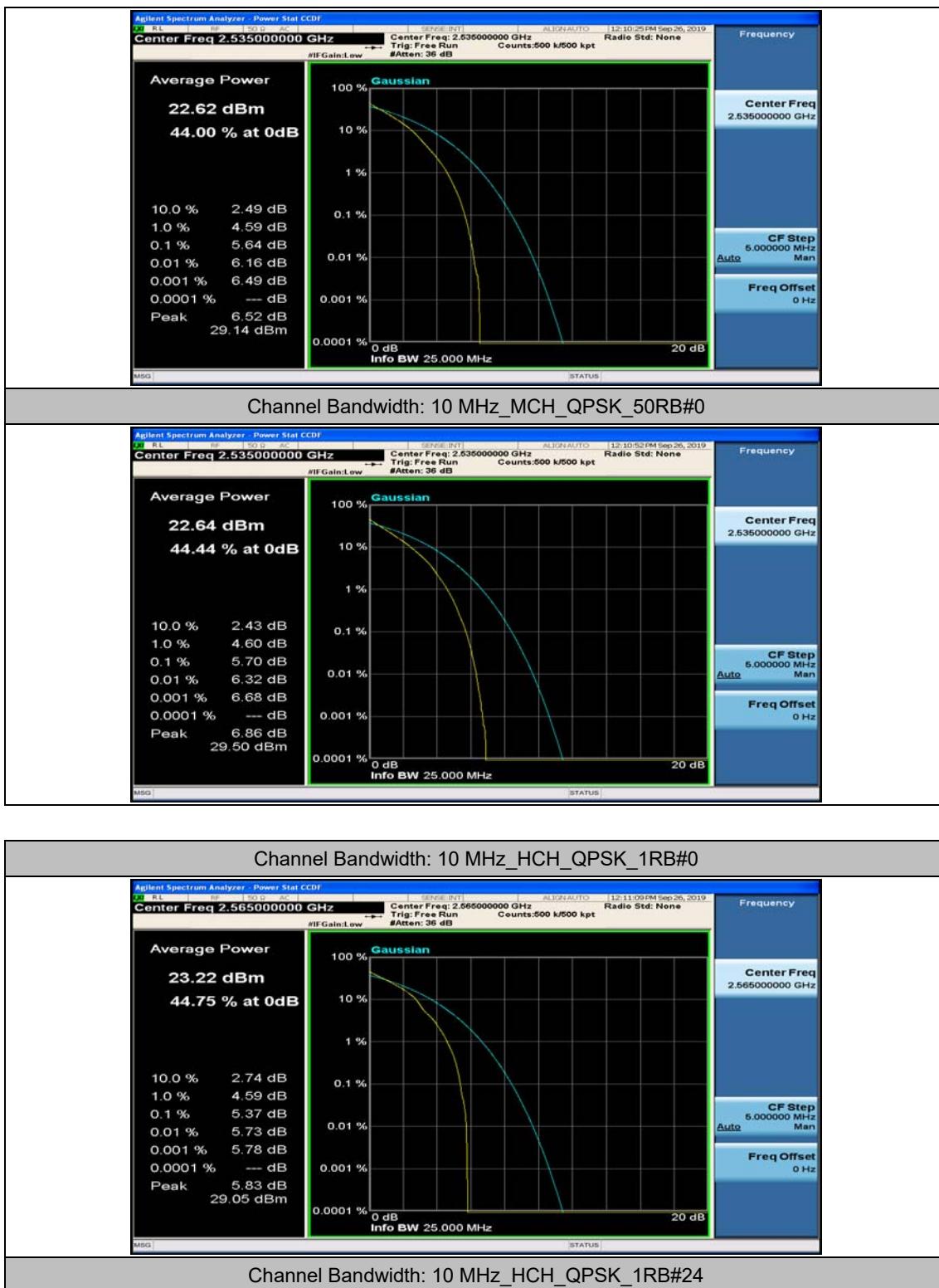


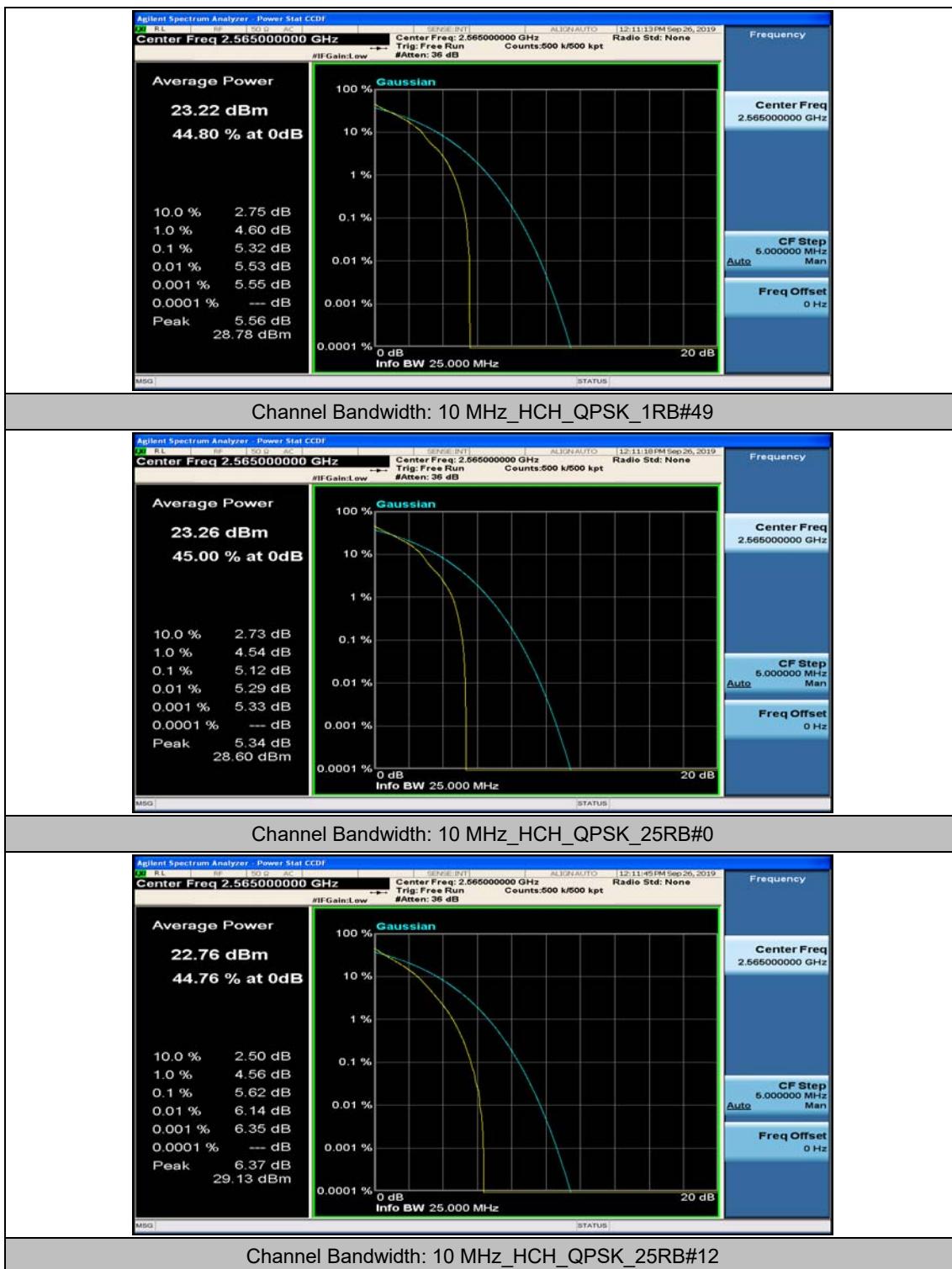


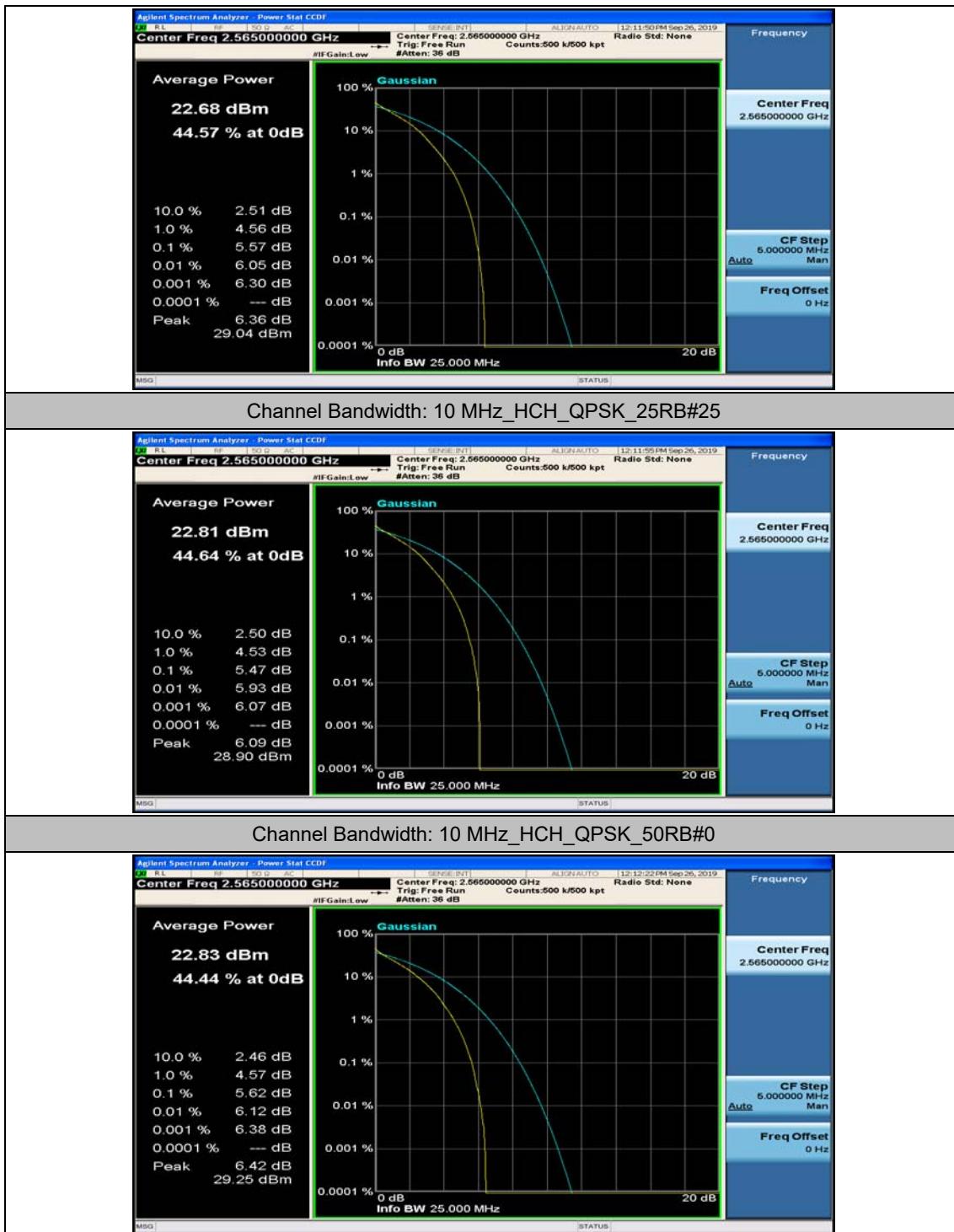


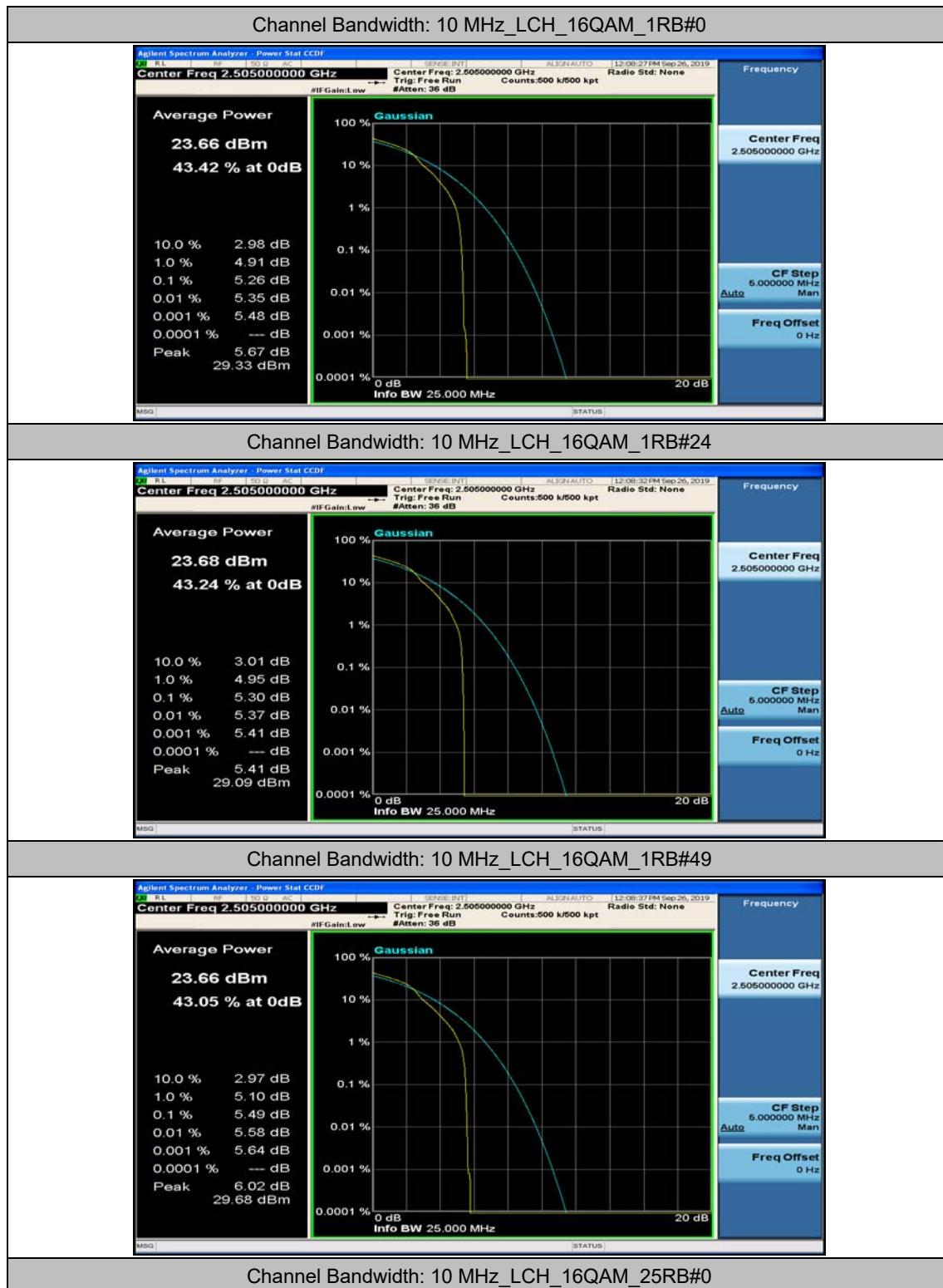
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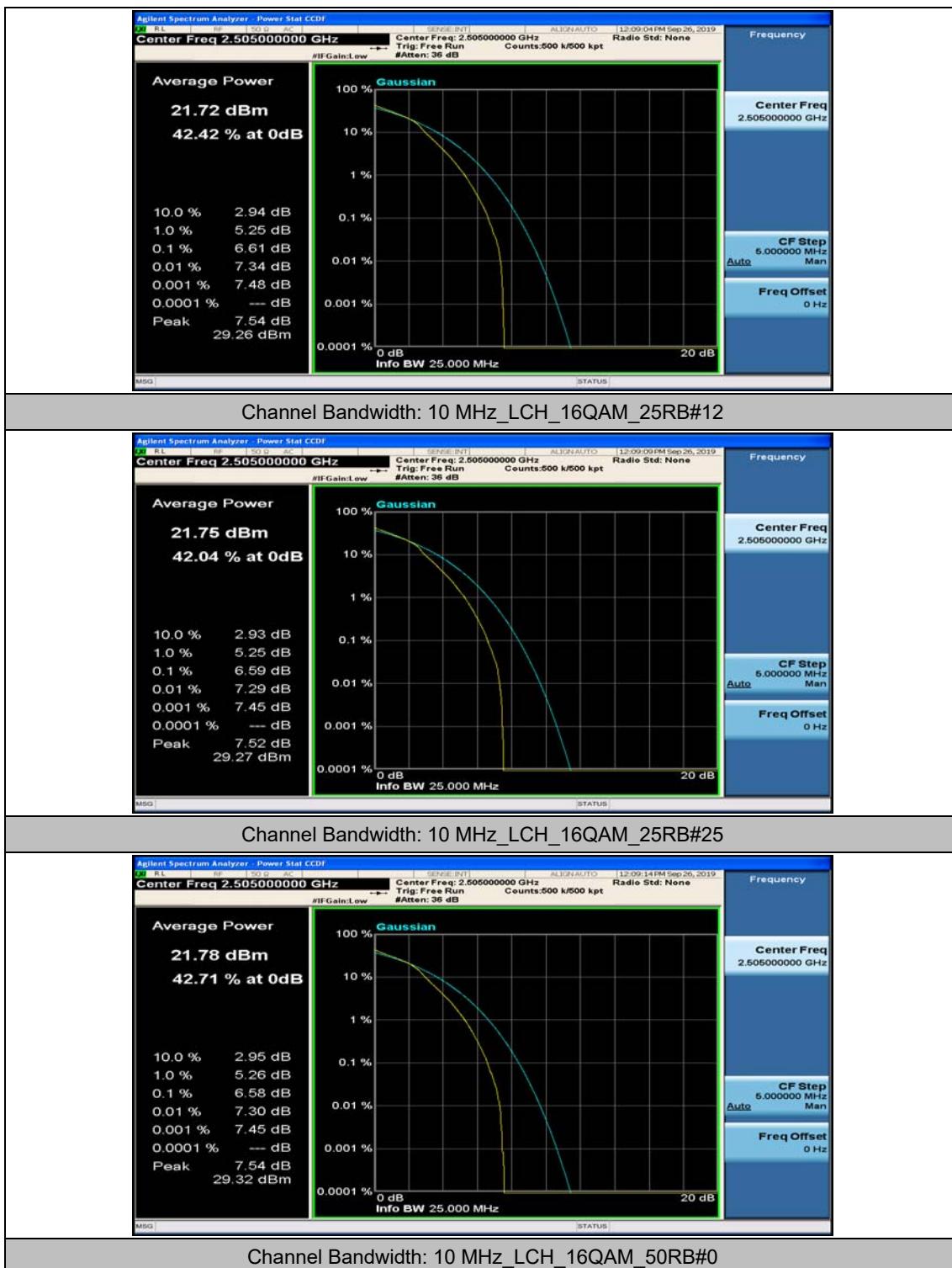


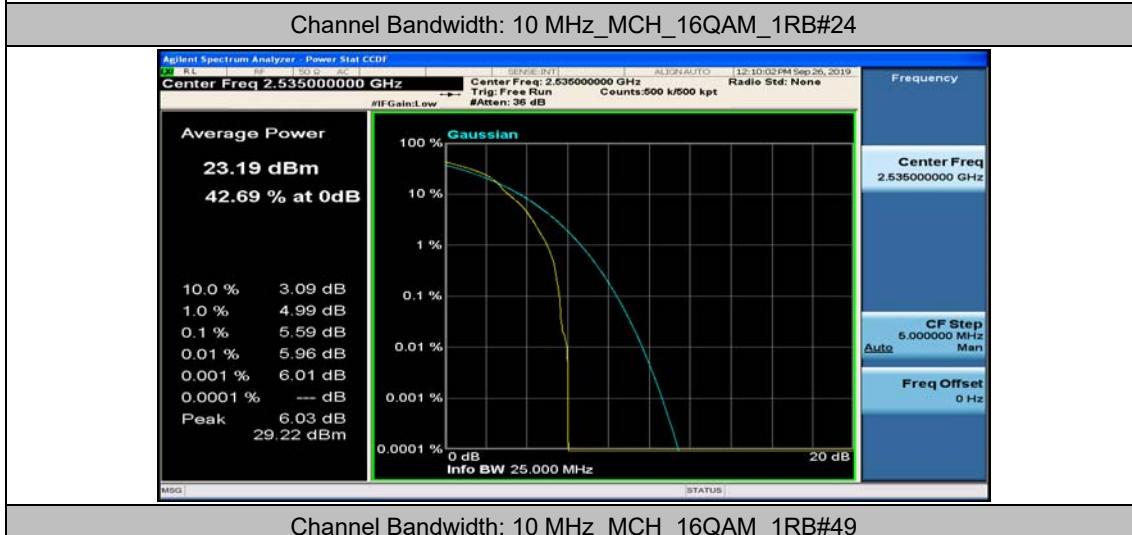
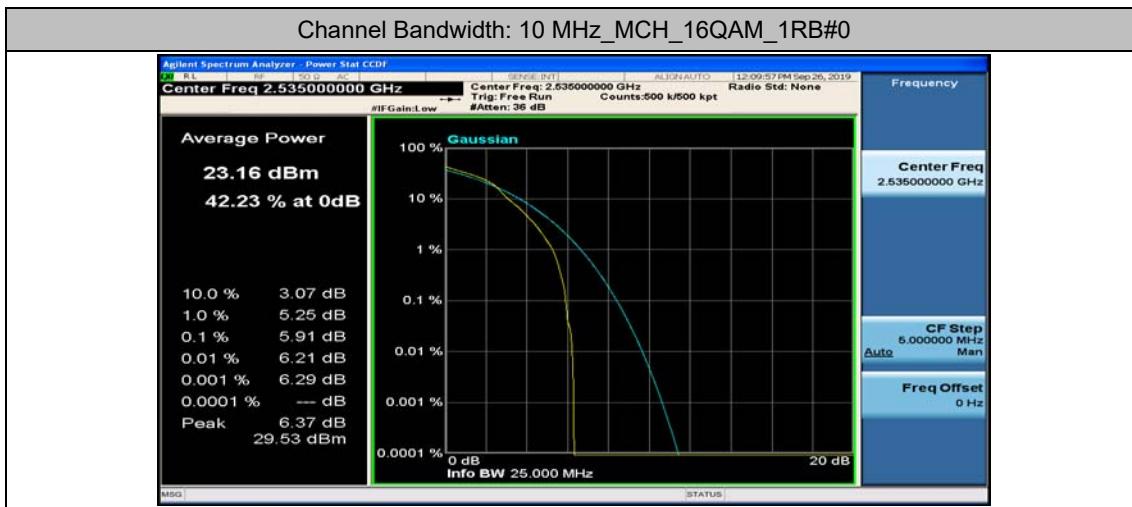
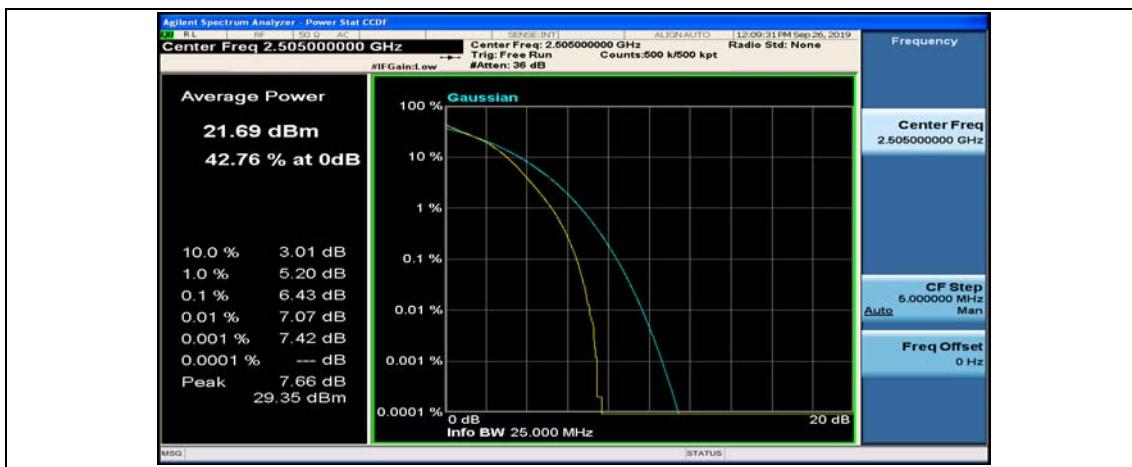




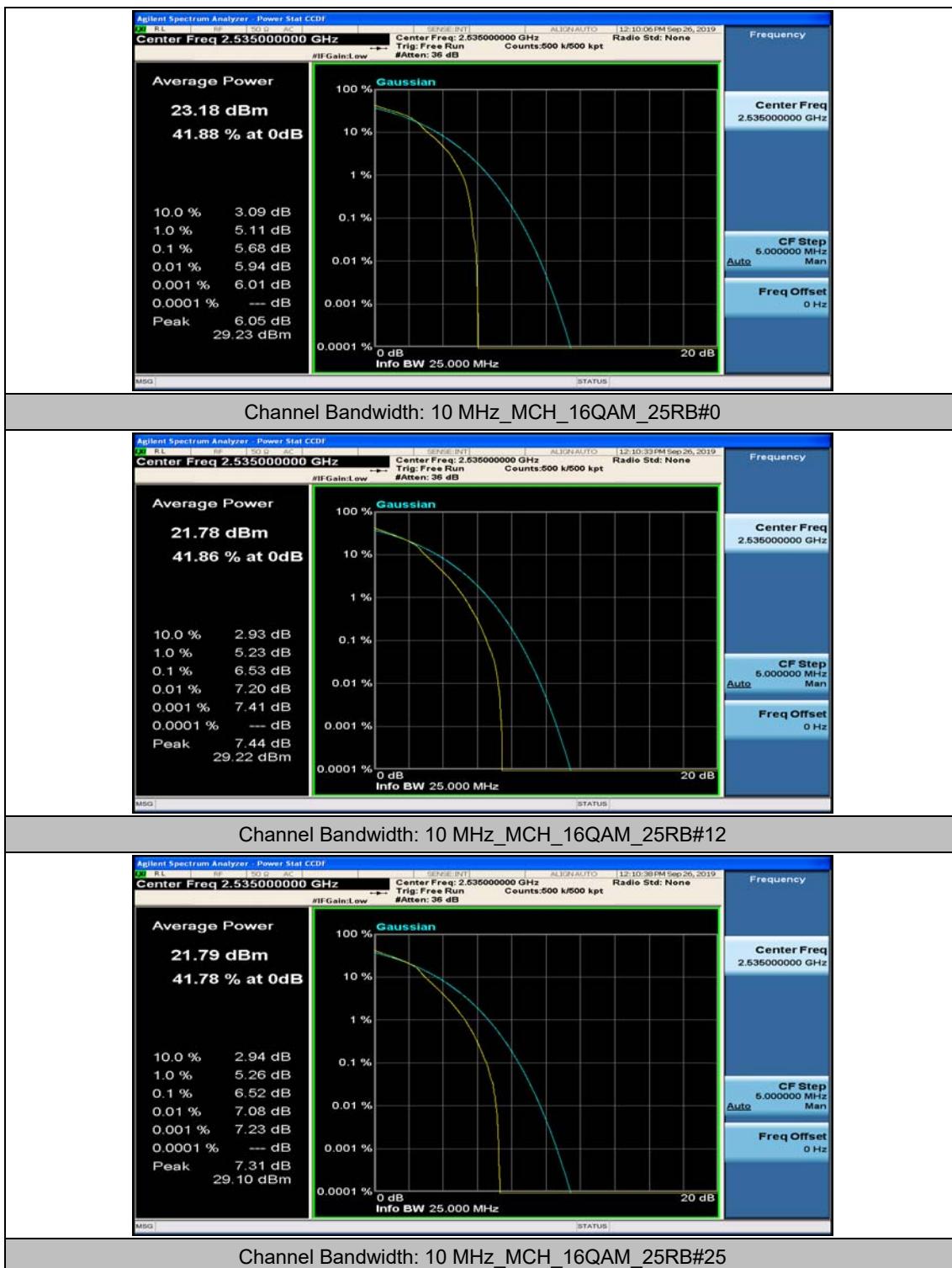


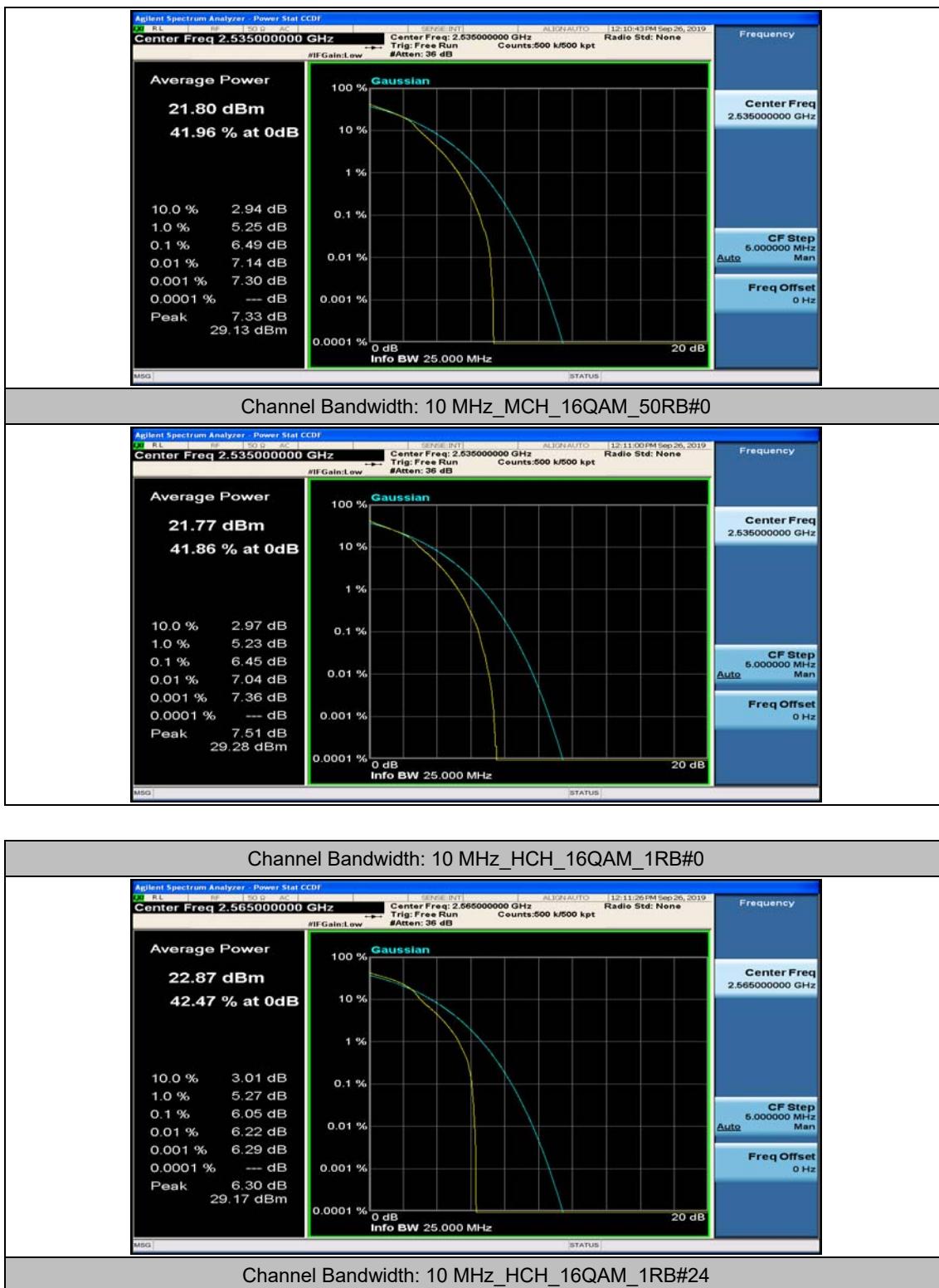


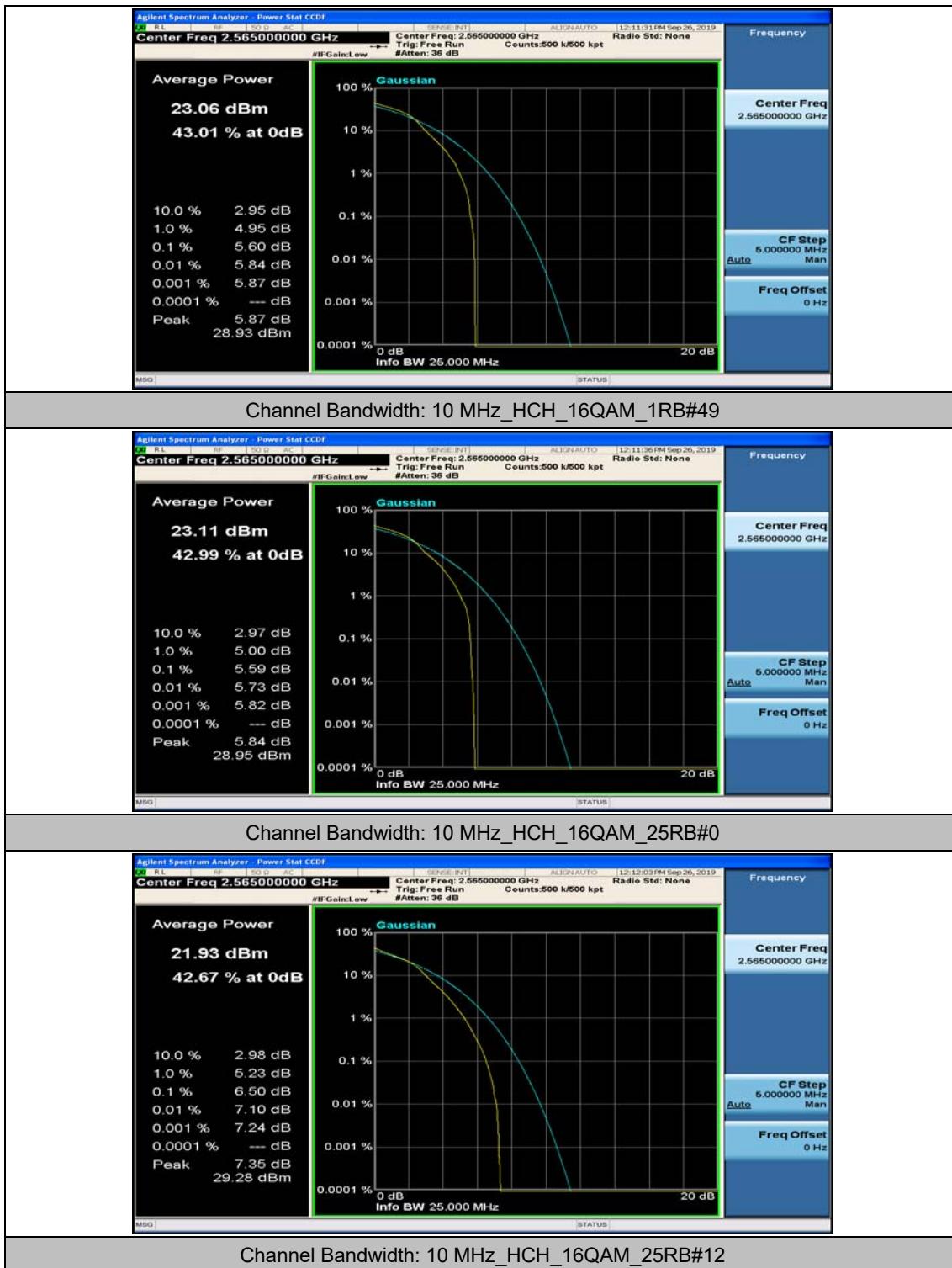


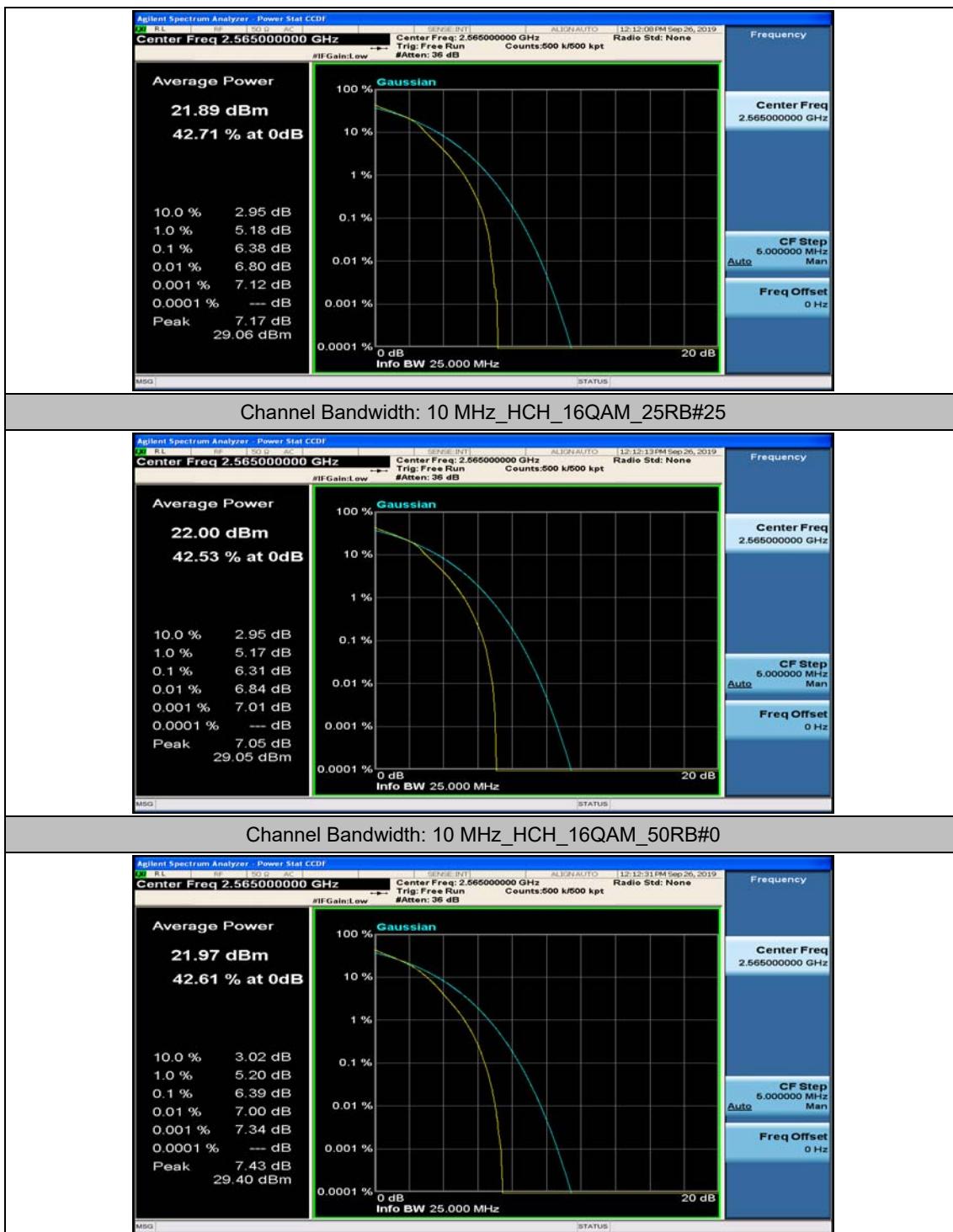


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

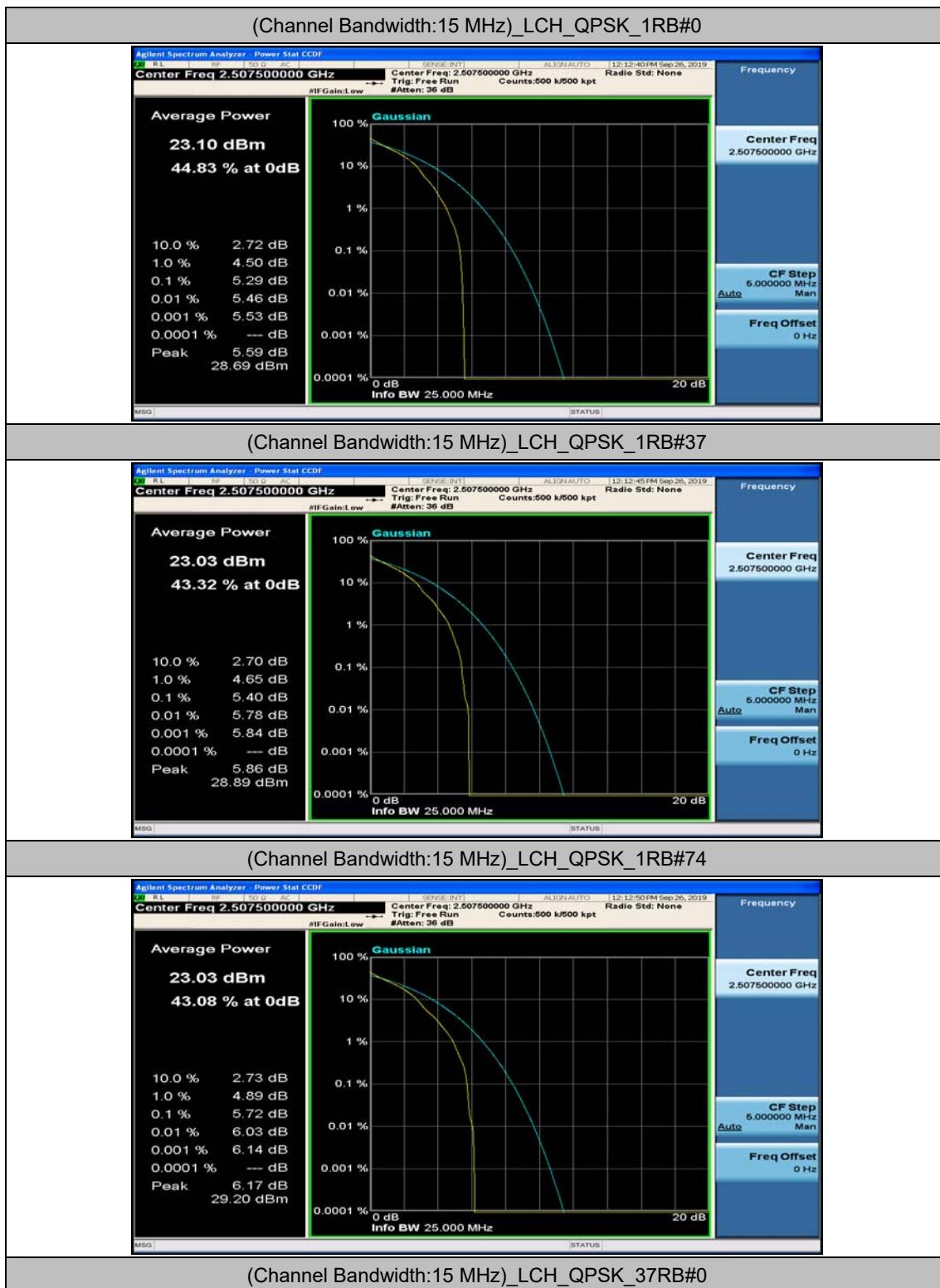


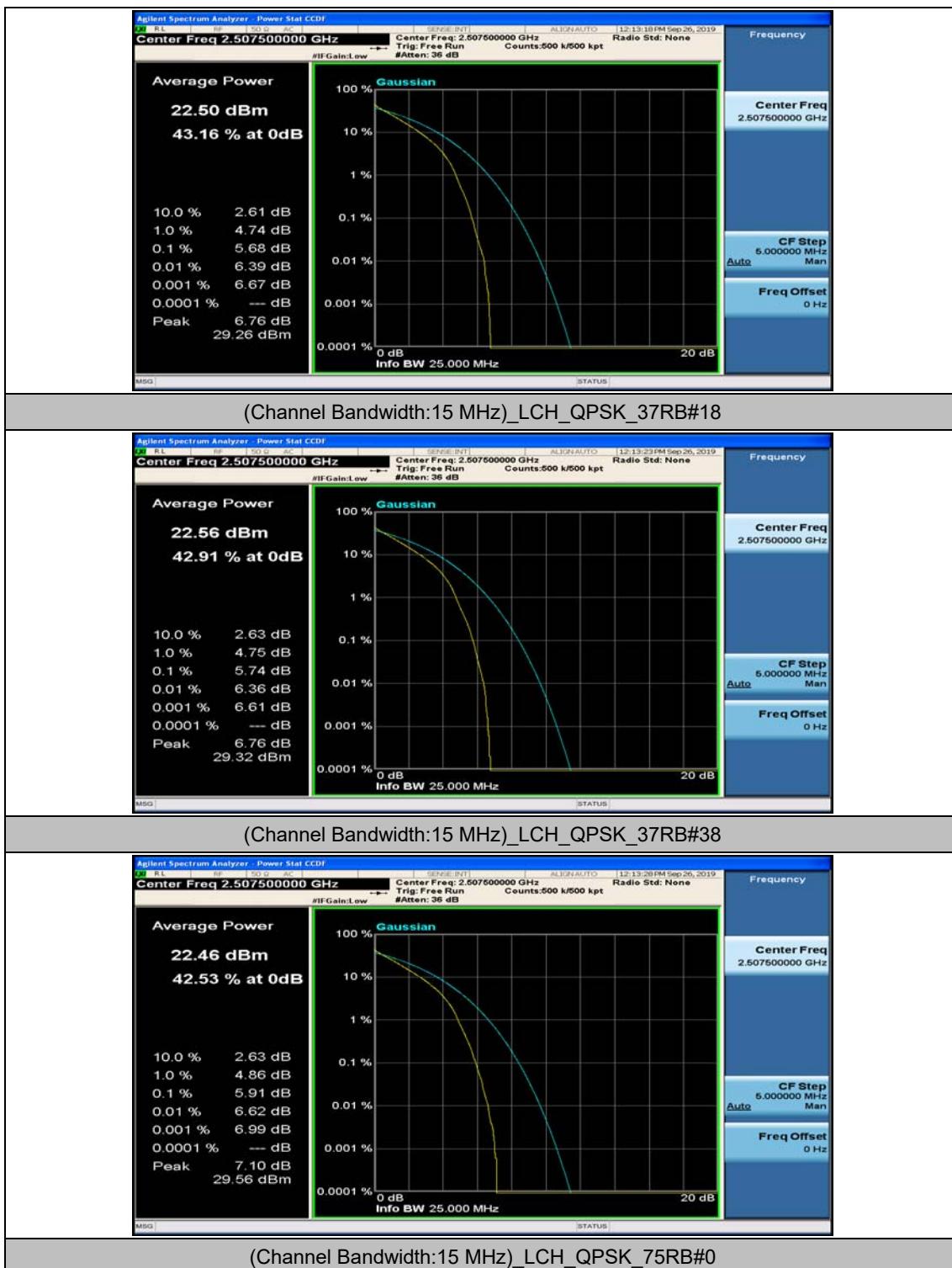


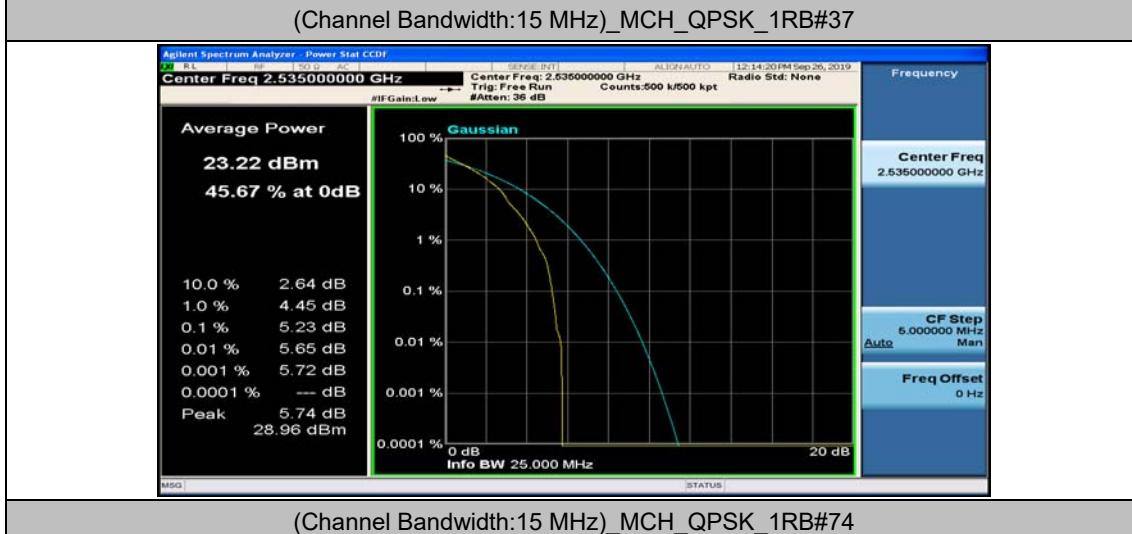
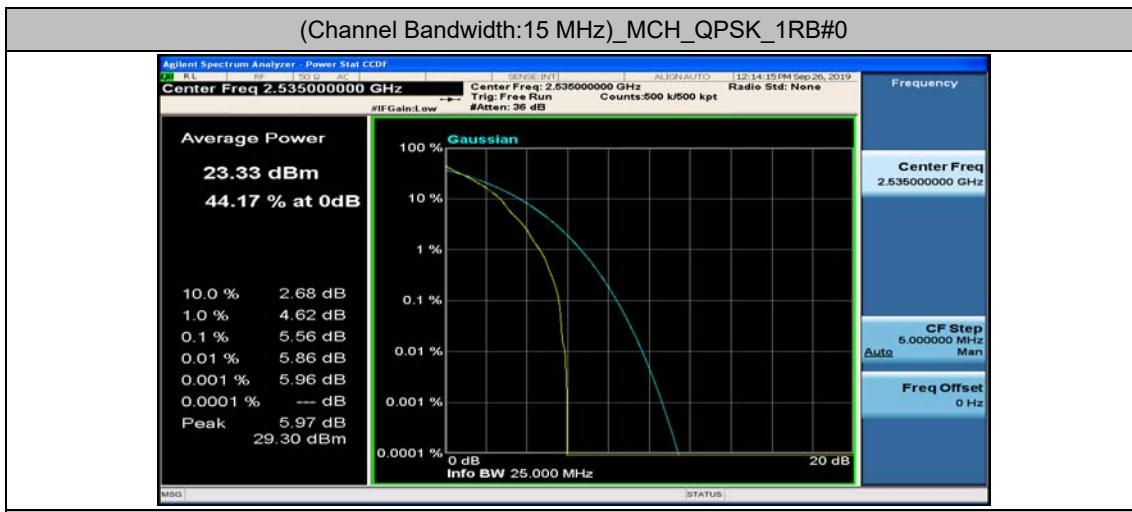
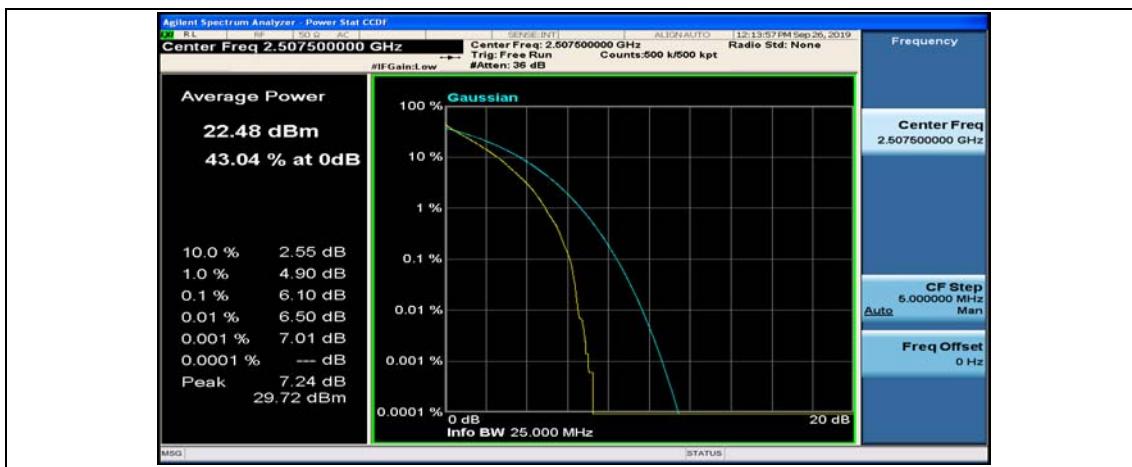




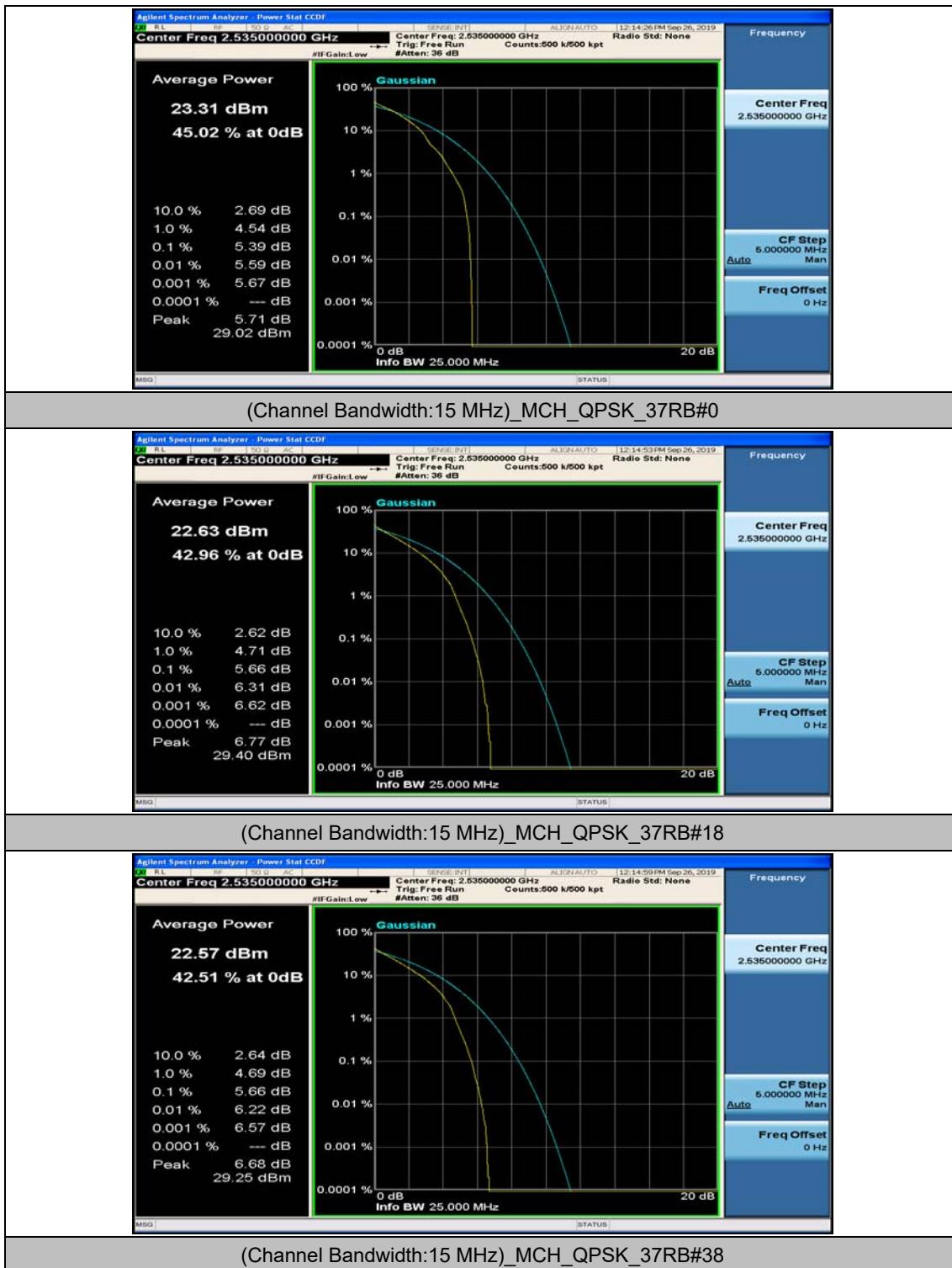
Channel Bandwidth: 15 MHz

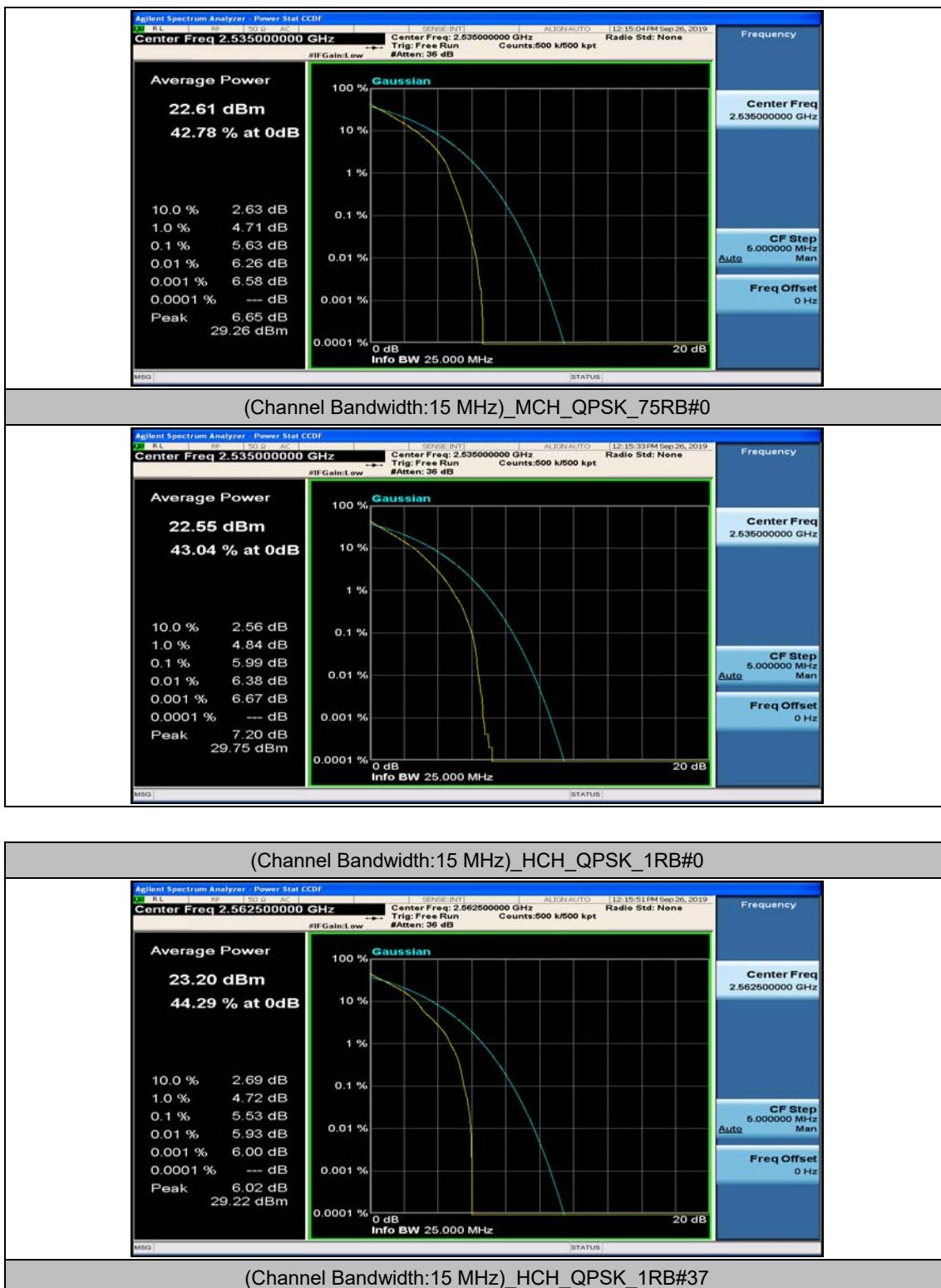


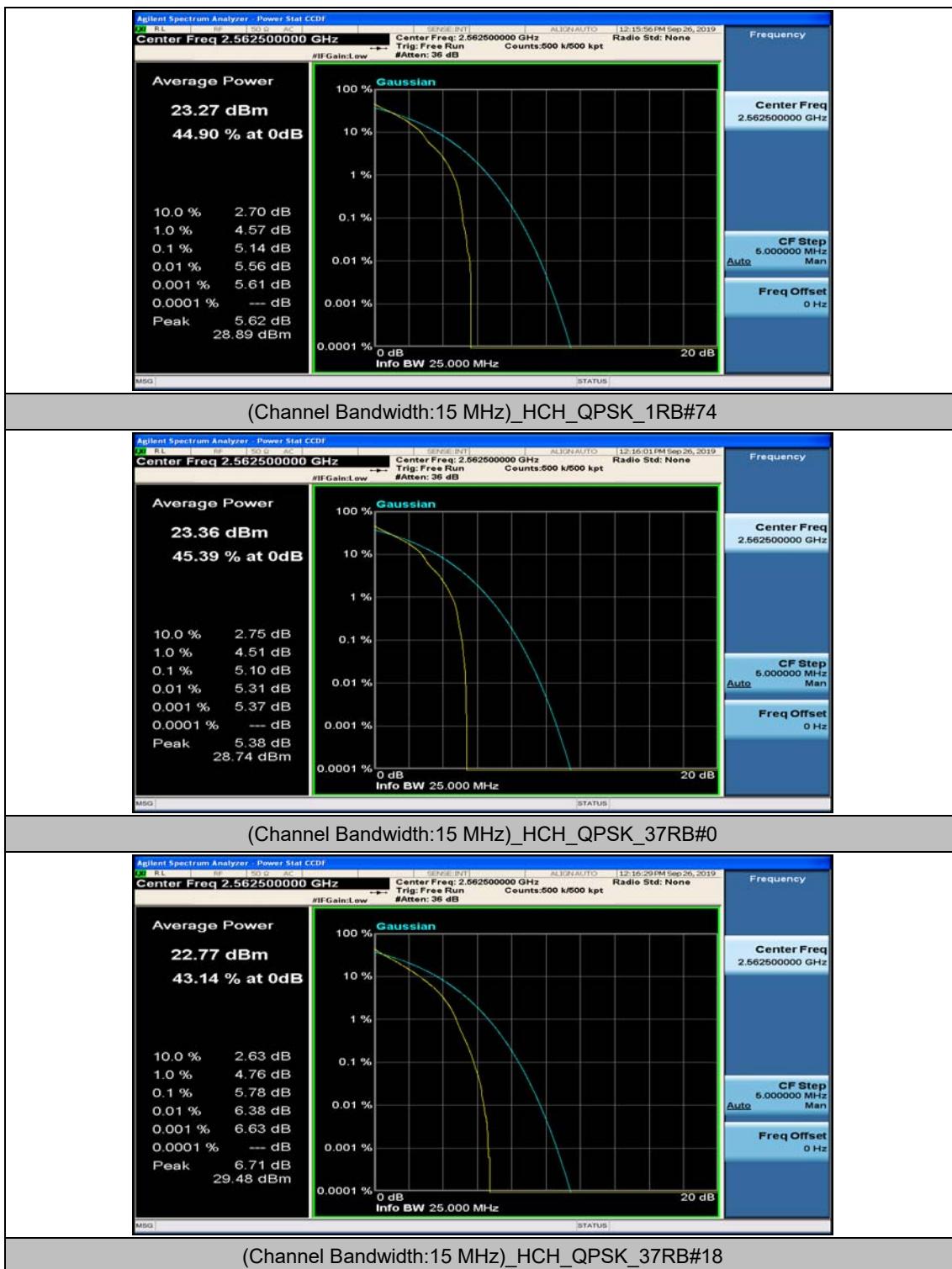


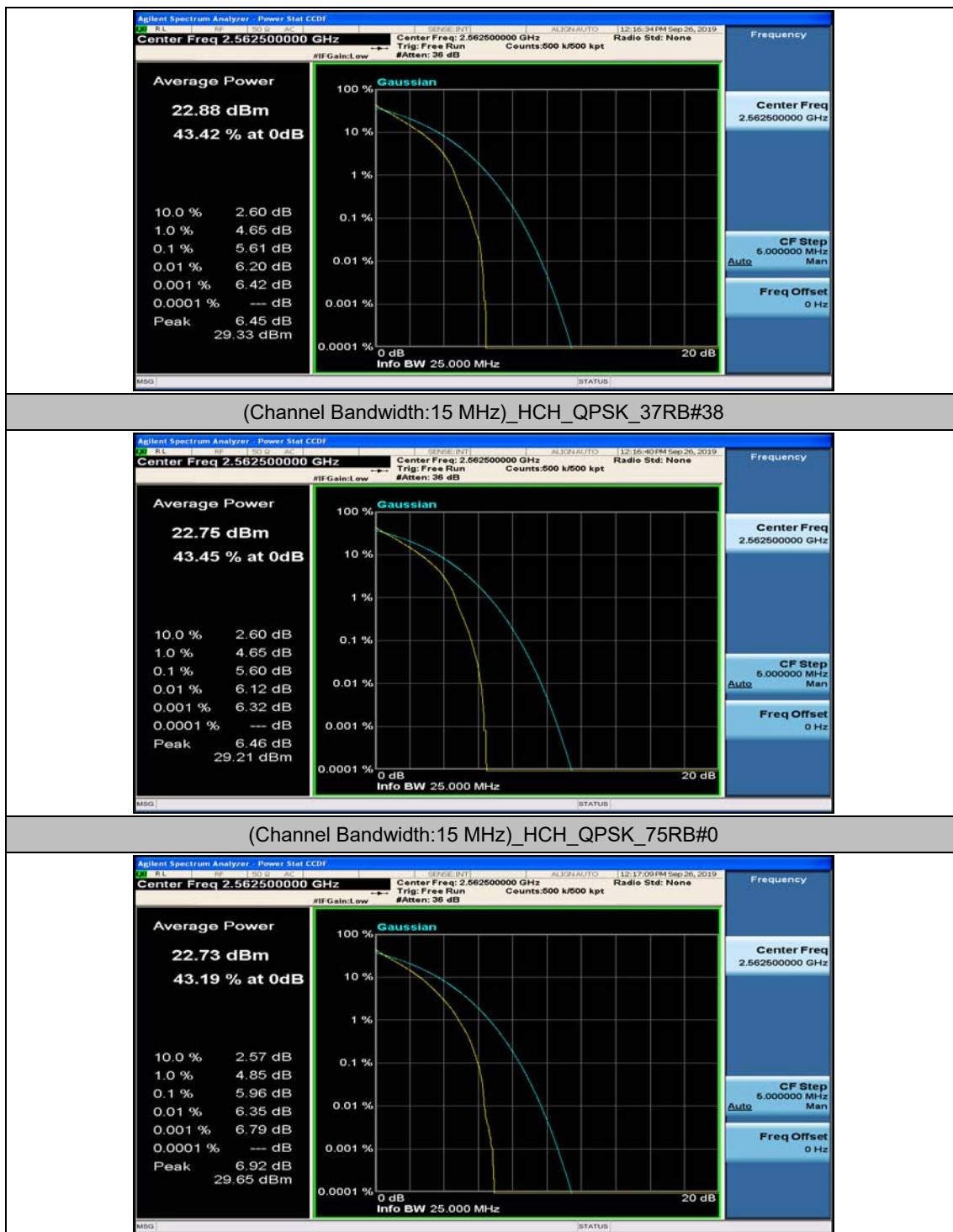


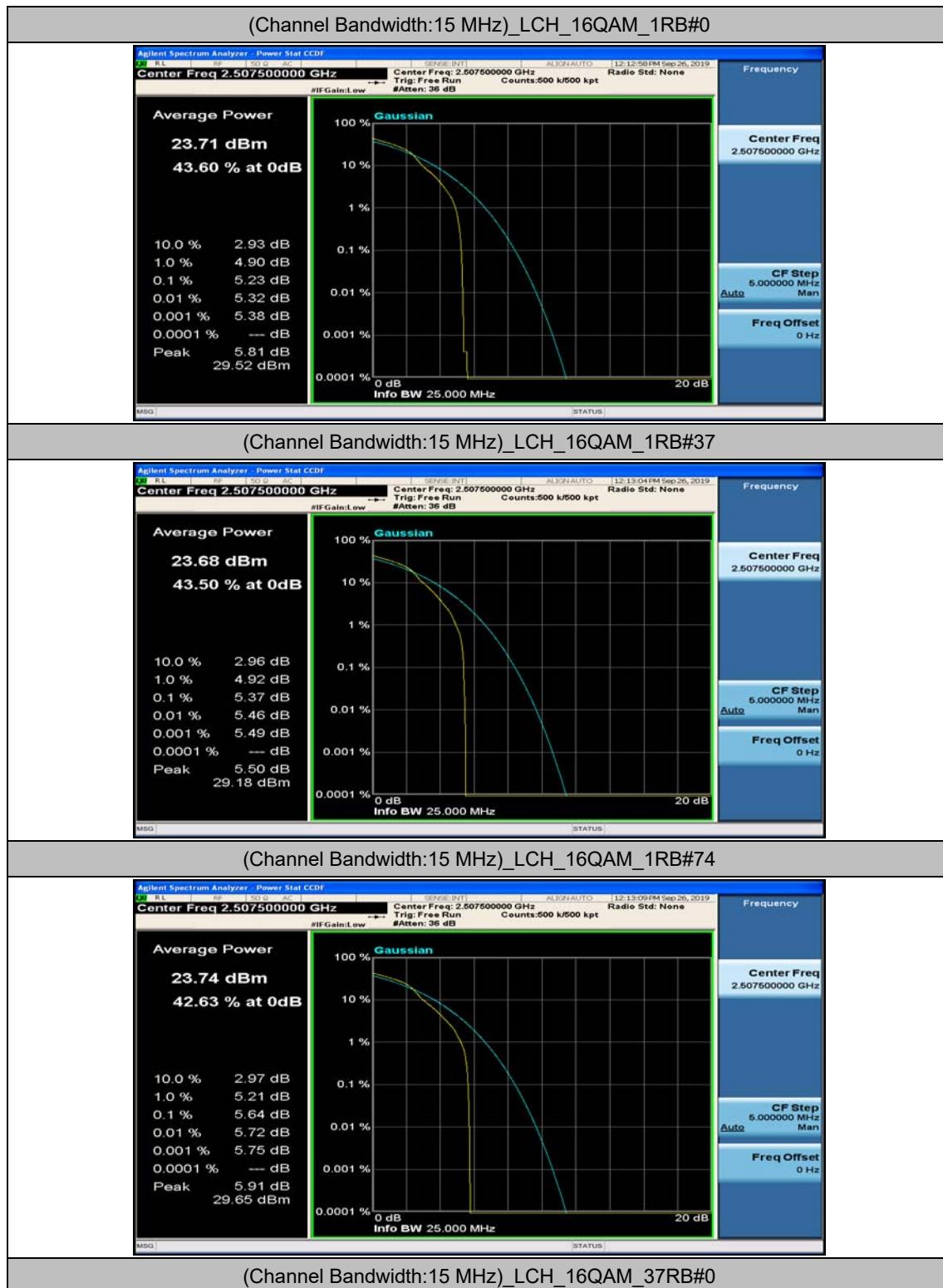
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

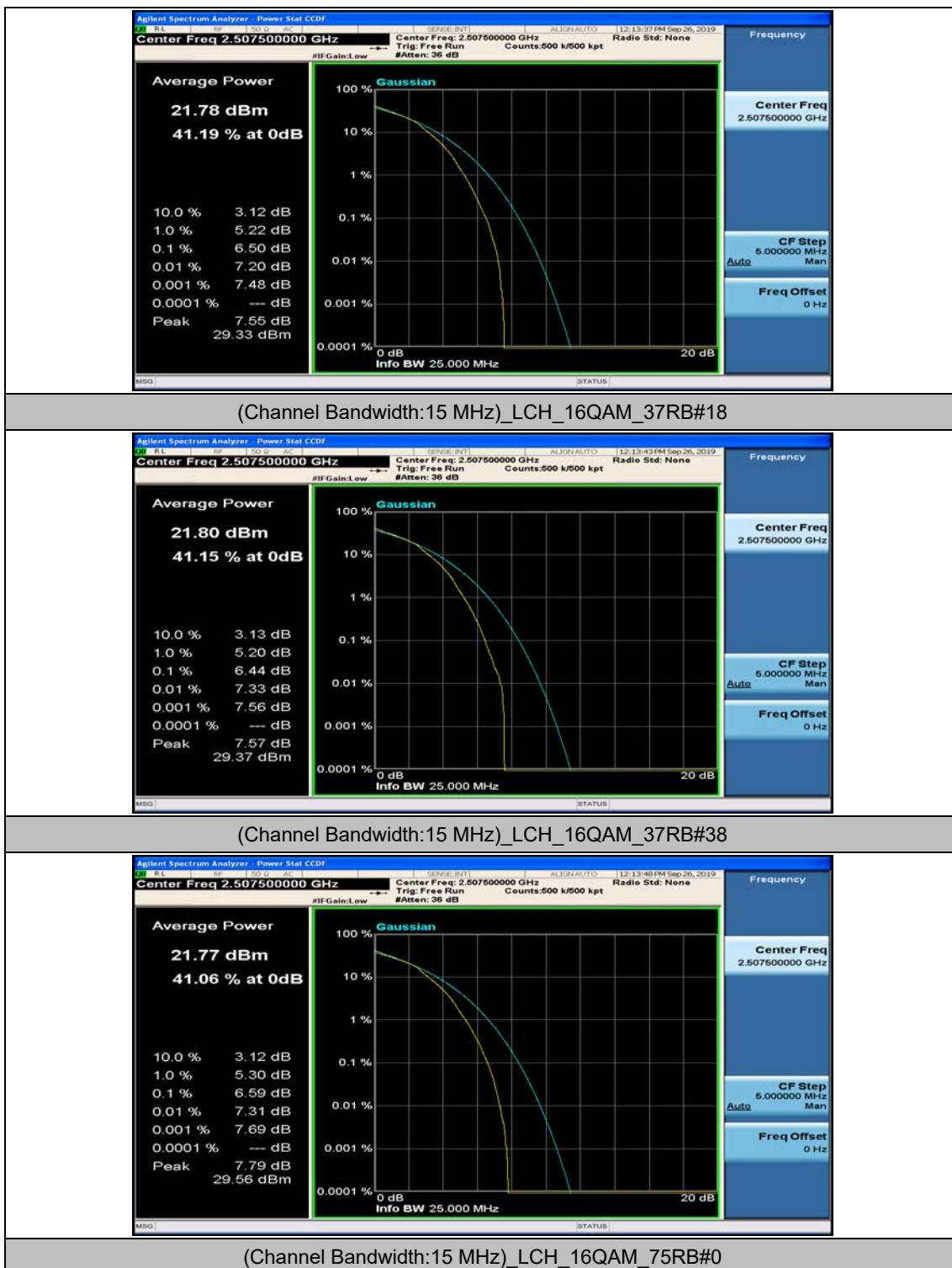


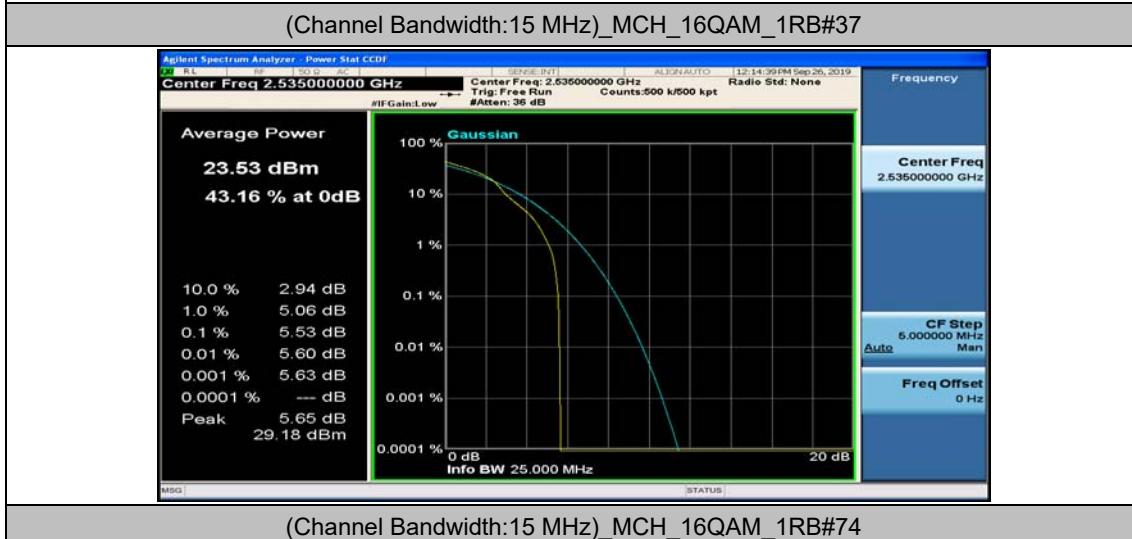
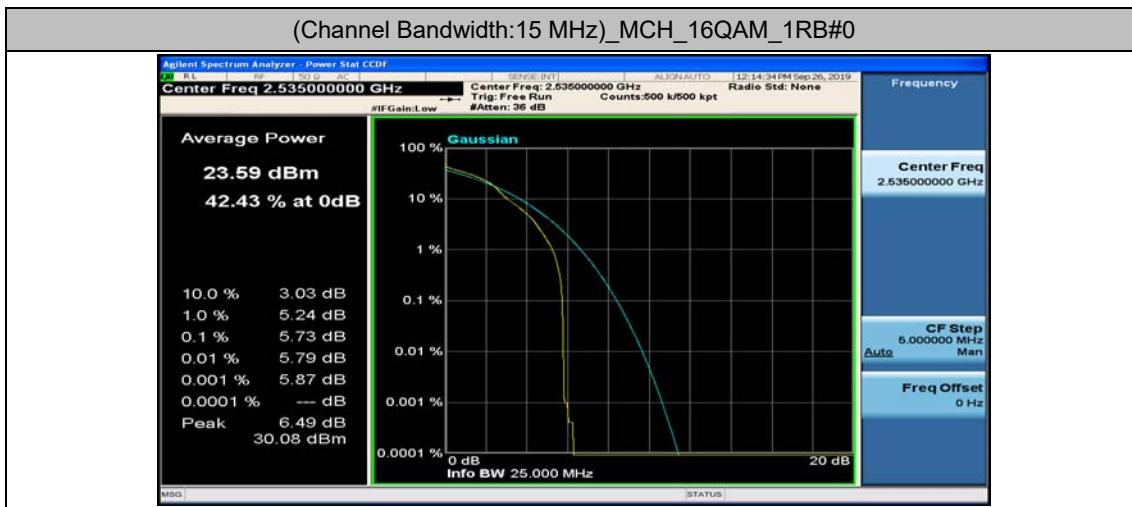
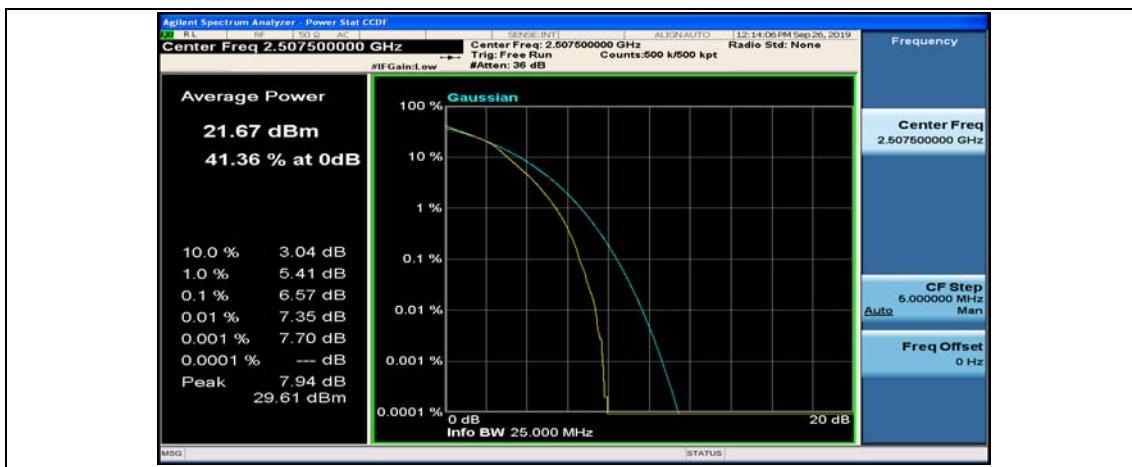


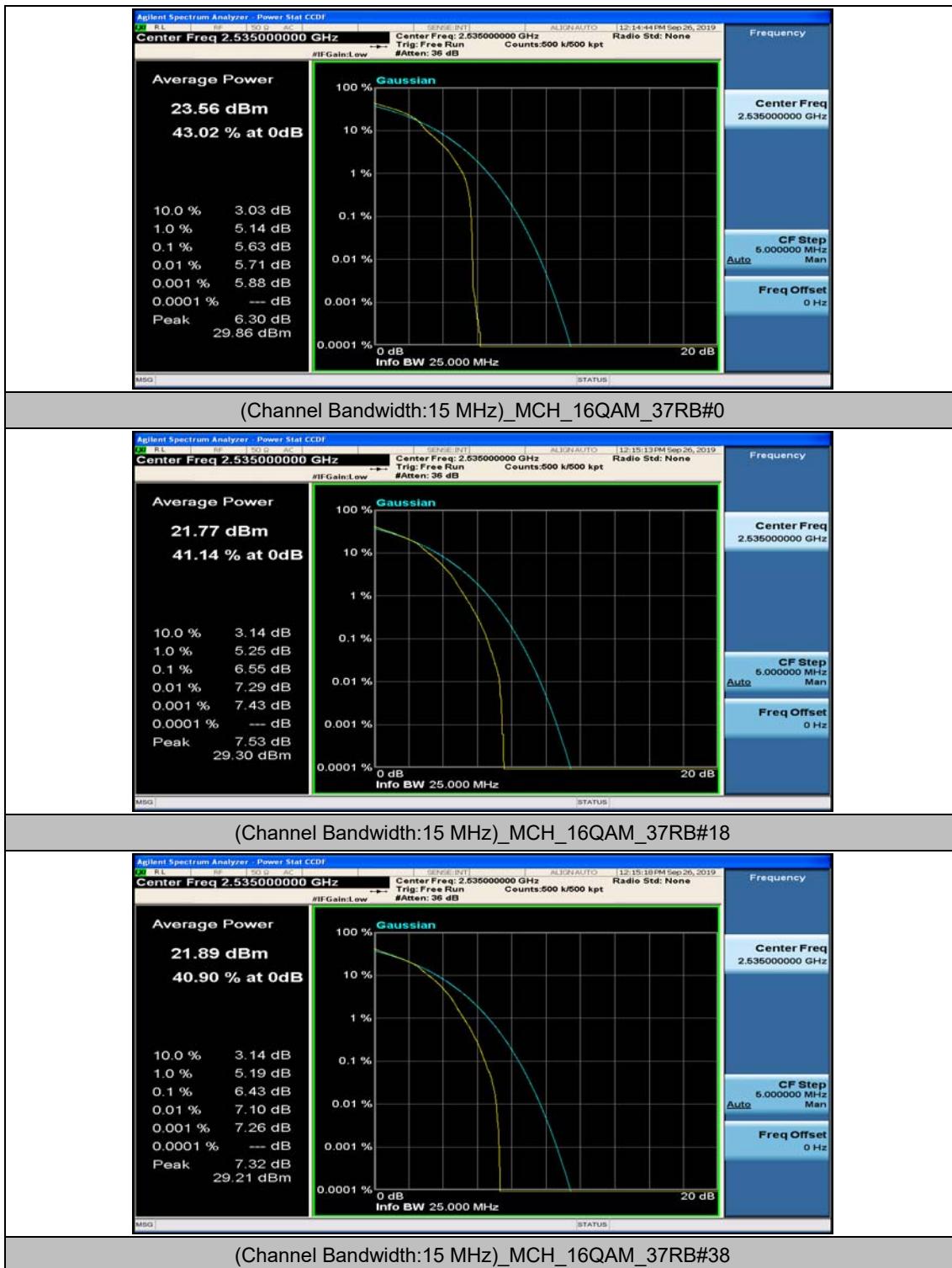


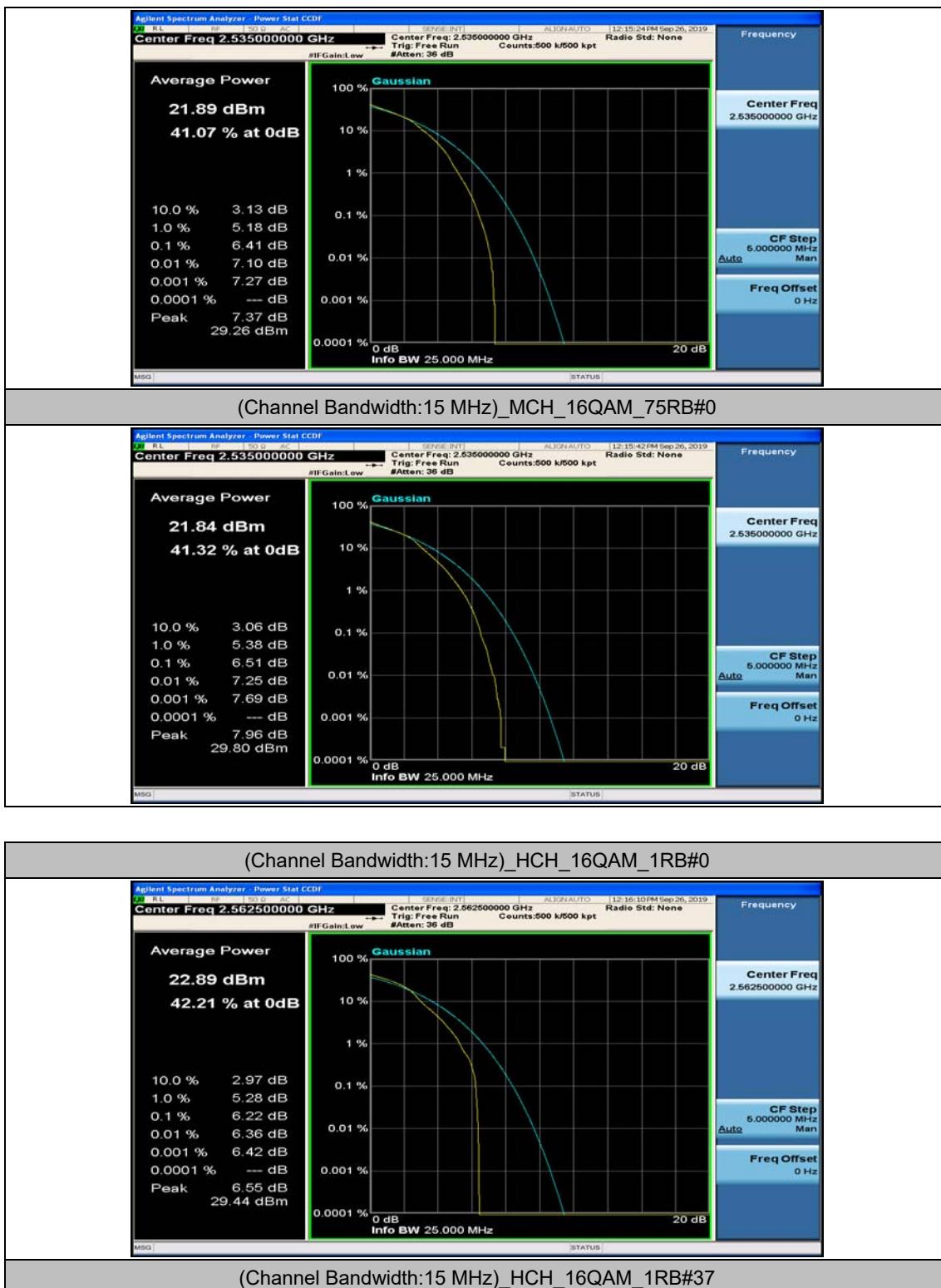


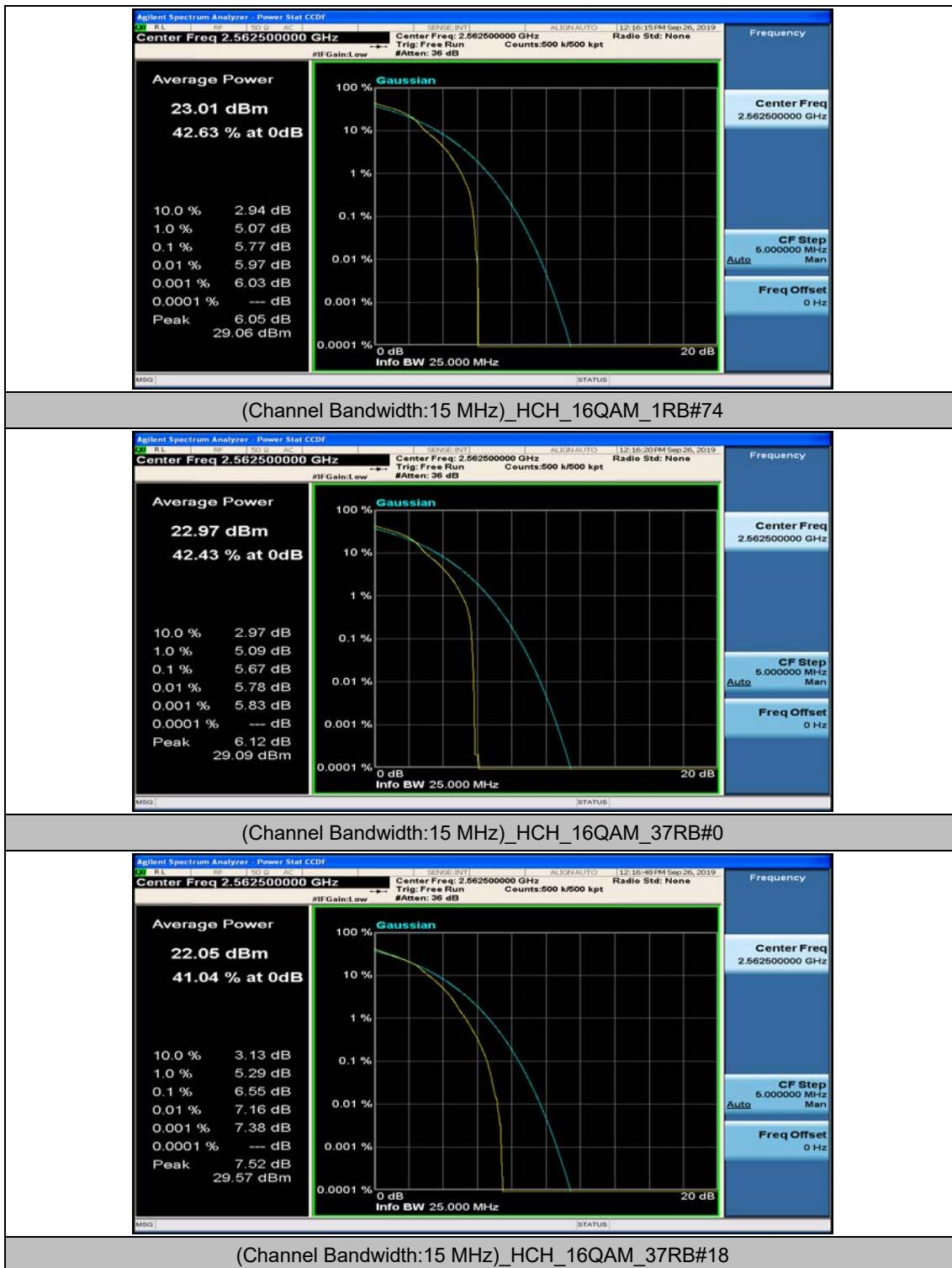


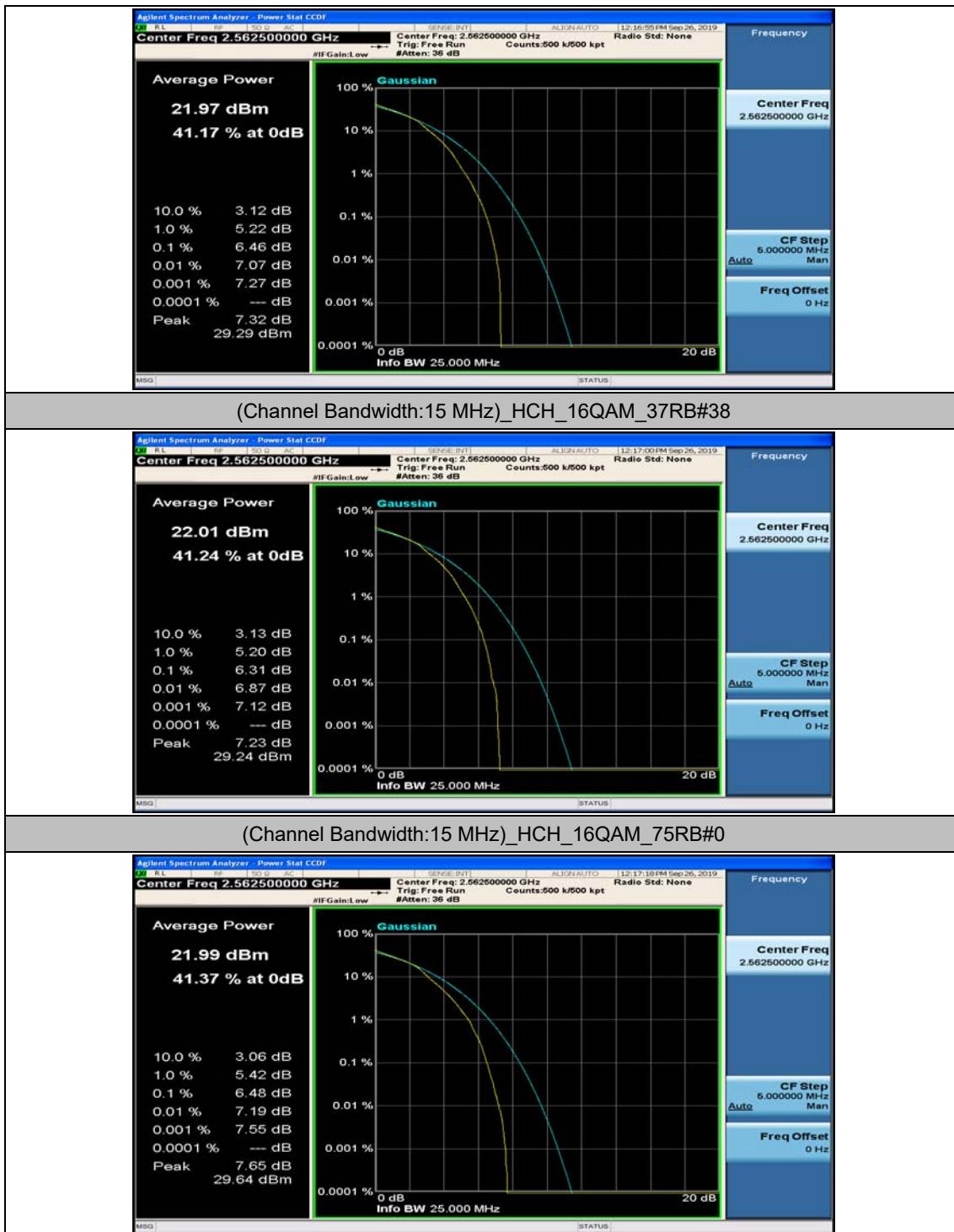




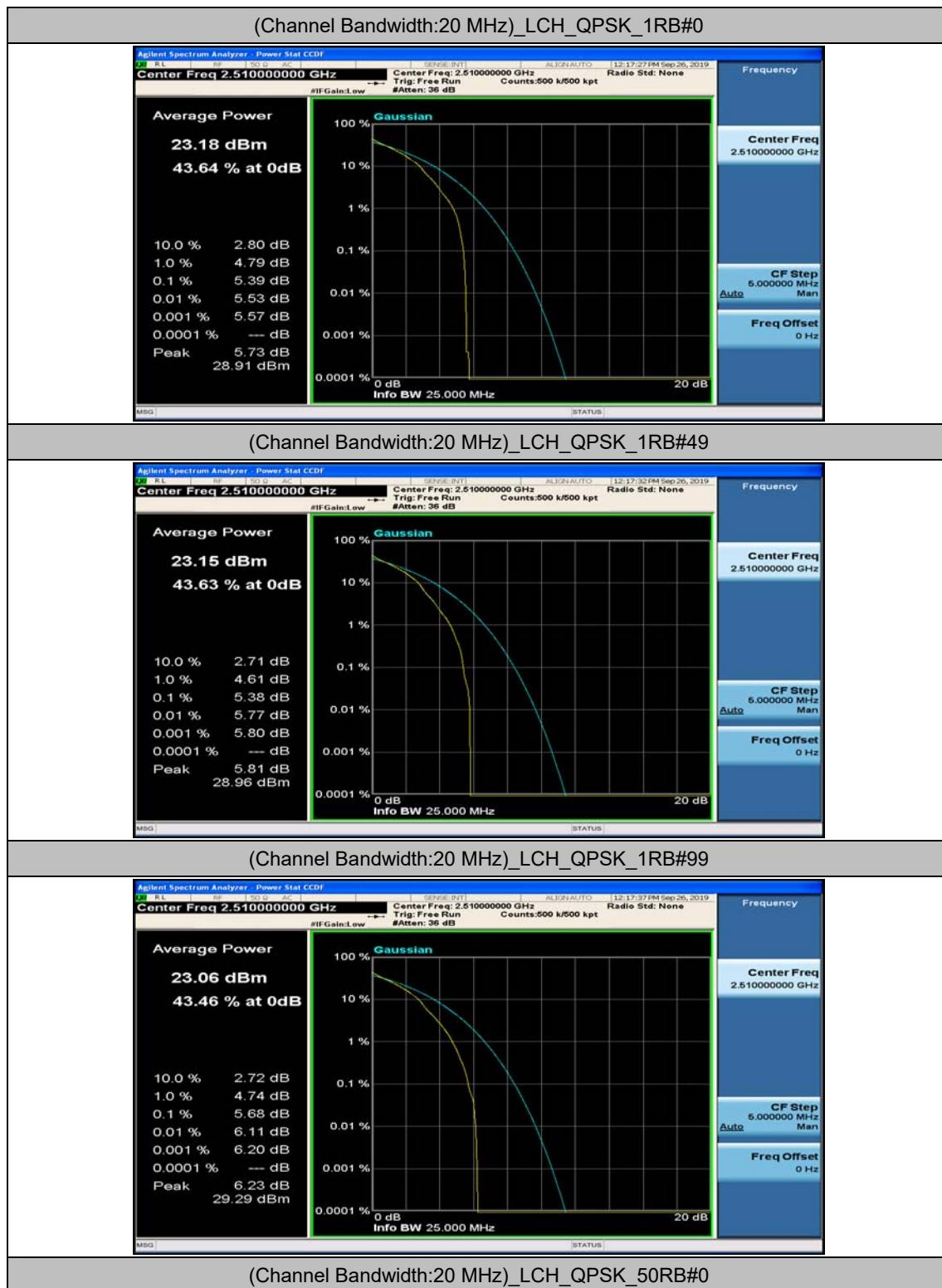


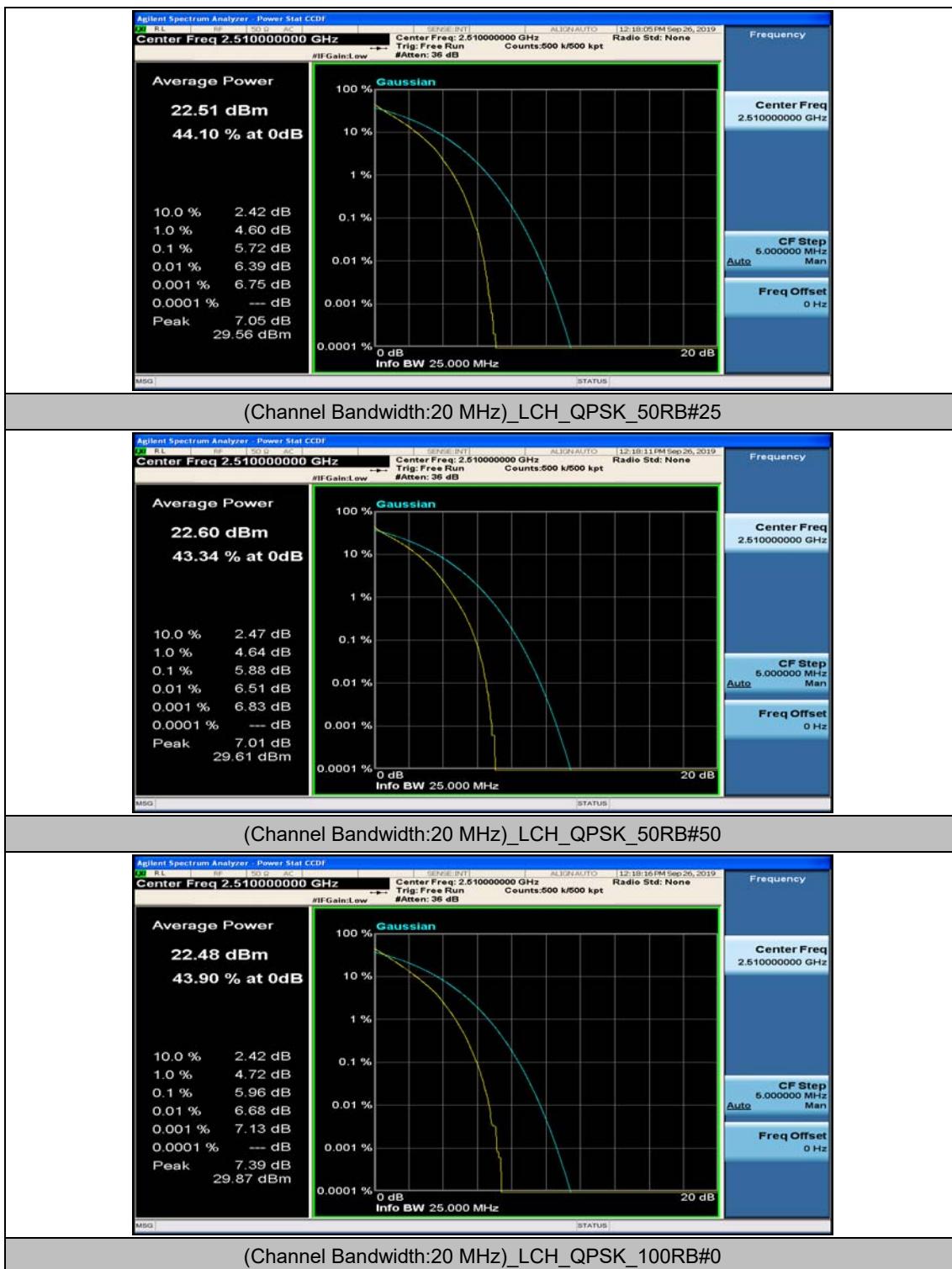


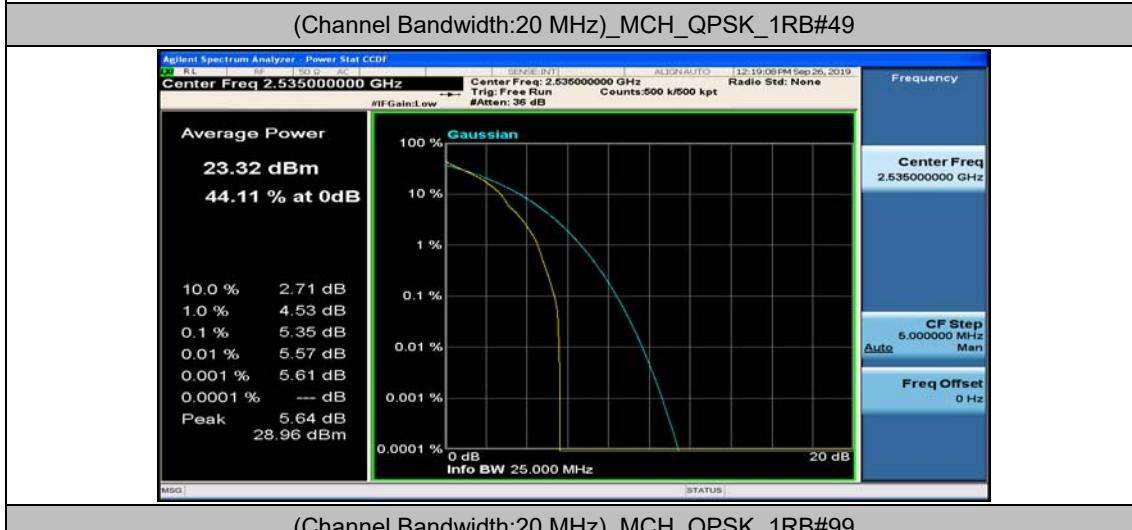
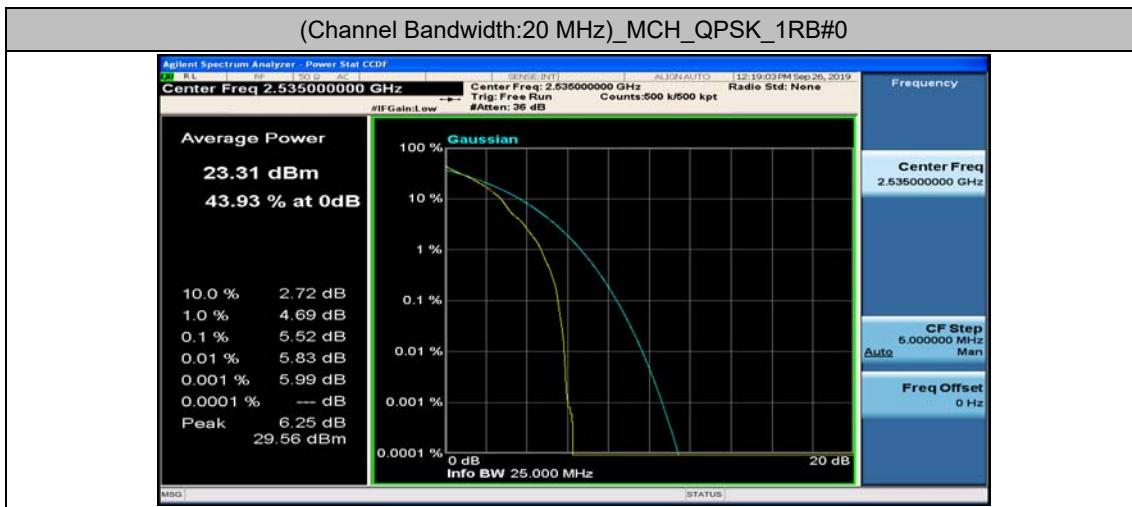
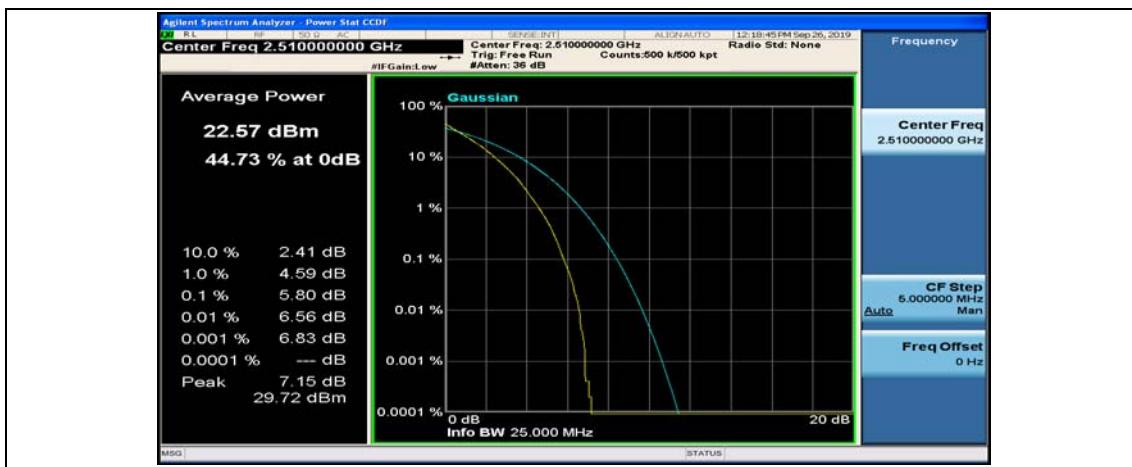




Channel Bandwidth: 20 MHz







(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99