

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	23.79	PASS
		1	12	23.83	PASS
		1	24	24.02	PASS
		12	0	22.86	PASS
		12	6	22.82	PASS
		12	13	22.88	PASS
		25	0	22.86	PASS
	MCH	1	0	23.41	PASS
		1	12	22.78	PASS
		1	24	23.15	PASS
		12	0	22.14	PASS
		12	6	21.94	PASS
		12	13	22	PASS
		25	0	22.03	PASS
	HCH	1	0	23.43	PASS
		1	12	23.19	PASS
		1	24	23.42	PASS
		12	0	21.8	PASS
		12	6	21.71	PASS
		12	13	21.89	PASS
		25	0	21.77	PASS
16QAM	LCH	1	0	22.93	PASS
		1	12	22.96	PASS
		1	24	23.13	PASS
		12	0	21.91	PASS
		12	6	21.88	PASS
		12	13	21.96	PASS
		25	0	21.87	PASS
	MCH	1	0	22.53	PASS
		1	12	22.07	PASS
		1	24	22.34	PASS

		12	0	21.38	PASS
		12	6	21.2	PASS
		12	13	21.27	PASS
		25	0	21.19	PASS
	HCH	1	0	21.83	PASS
		1	12	21.58	PASS
		1	24	21.87	PASS
		12	0	20.8	PASS
		12	6	20.78	PASS
		12	13	20.92	PASS
		25	0	20.85	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.41	PASS
		1	24	23.52	PASS
		1	49	23.51	PASS
		25	0	22.72	PASS
		25	12	22.78	PASS
		25	25	22.8	PASS
		50	0	22.78	PASS
	MCH	1	0	22.8	PASS
		1	24	23.34	PASS
		1	49	23.1	PASS
		25	0	22.53	PASS
		25	12	22.34	PASS
		25	25	22.25	PASS
		50	0	22.33	PASS
	HCH	1	0	23.26	PASS
		1	24	23.25	PASS
		1	49	23.26	PASS
		25	0	22.14	PASS
		25	12	21.7	PASS
		25	25	21.84	PASS
		50	0	21.74	PASS
16QAM	LCH	1	0	22.66	PASS
		1	24	22.84	PASS
		1	49	22.76	PASS
		25	0	21.77	PASS
		25	12	21.82	PASS
		25	25	21.85	PASS

	MCH	50	0	21.8	PASS
		1	0	22.92	PASS
		1	24	22.53	PASS
		1	49	22.39	PASS
		25	0	21.65	PASS
		25	12	21.48	PASS
		25	25	21.39	PASS
		50	0	21.48	PASS
	HCH	1	0	21.69	PASS
		1	24	21.69	PASS
		1	49	21.72	PASS
		25	0	20.73	PASS
		25	12	20.79	PASS
		25	25	20.94	PASS
		50	0	20.82	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.84	PASS
		1	37	23.78	PASS
		1	74	24.13	PASS
		37	0	23.02	PASS
		37	18	23.04	PASS
		37	38	23.2	PASS
		75	0	23.12	PASS
	MCH	1	0	23.75	PASS
		1	37	23	PASS
		1	74	23.04	PASS
		37	0	22.51	PASS
		37	18	22.17	PASS
		37	38	22.08	PASS
		75	0	22.27	PASS
	HCH	1	0	22.84	PASS
		1	37	23.35	PASS
		1	74	23.48	PASS
		37	0	21.78	PASS
		37	18	21.62	PASS
		37	38	21.76	PASS
		75	0	21.73	PASS
16QAM	LCH	1	0	23.06	PASS
		1	37	23.16	PASS

		1	74	23.47	PASS
		37	0	22.07	PASS
		37	18	22.09	PASS
		37	38	22.15	PASS
		75	0	22.15	PASS
	MCH	1	0	23.09	PASS
		1	37	22.33	PASS
		1	74	22.41	PASS
		37	0	21.66	PASS
		37	18	21.36	PASS
		37	38	21.26	PASS
		75	0	21.43	PASS
	HCH	1	0	22.19	PASS
		1	37	21.73	PASS
		1	74	21.89	PASS
		37	0	20.84	PASS
		37	18	20.69	PASS
		37	38	20.84	PASS
		75	0	20.81	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.96	PASS
		1	49	23.96	PASS
		1	99	24.2	PASS
		50	0	22.98	PASS
		50	25	23.28	PASS
		50	50	23.18	PASS
		100	0	23.16	PASS
	MCH	1	0	24.03	PASS
		1	49	23.01	PASS
		1	99	23.11	PASS
		50	0	22.64	PASS
		50	25	22.13	PASS
		50	50	22.14	PASS
		100	0	22.38	PASS
	HCH	1	0	24.03	PASS
		1	49	23.29	PASS
		1	99	23.42	PASS
		50	0	22.04	PASS
		50	25	21.64	PASS

		50	50	21.69	PASS
		100	0	21.83	PASS
16QAM	LCH	1	0	23.14	PASS
		1	49	23.22	PASS
		1	99	23.46	PASS
		50	0	22.02	PASS
		50	25	22.14	PASS
		50	50	22.32	PASS
		100	0	22.18	PASS
		MCH	1	0	23.33
	1		49	22.37	PASS
	1		99	22.5	PASS
	50		0	21.71	PASS
	50		25	21.34	PASS
	50		50	21.22	PASS
	100		0	21.41	PASS
	HCH	1	0	22.43	PASS
		1	49	21.69	PASS
		1	99	21.79	PASS
		50	0	21.07	PASS
		50	25	20.74	PASS
		50	50	20.74	PASS
		100	0	20.86	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	5.29	<13	PASS
		1	12	5.24	<13	PASS
		1	24	5.25	<13	PASS
		12	0	5.7	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.63	<13	PASS
	MCH	1	0	4.79	<13	PASS
		1	12	4.58	<13	PASS
		1	24	4.56	<13	PASS
		12	0	5.37	<13	PASS
		12	6	5.28	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.47	<13	PASS
	HCH	1	0	3.62	<13	PASS
		1	12	3.49	<13	PASS
		1	24	3.68	<13	PASS
		12	0	4.93	<13	PASS
		12	6	4.85	<13	PASS
		12	13	4.8	<13	PASS
		25	0	4.92	<13	PASS
16QAM	LCH	1	0	6.06	<13	PASS
		1	12	5.83	<13	PASS
		1	24	5.92	<13	PASS
		12	0	6.46	<13	PASS
		12	6	6.47	<13	PASS
		12	13	6.49	<13	PASS
		25	0	6.28	<13	PASS
	MCH	1	0	5.78	<13	PASS
		1	12	5.44	<13	PASS
		1	24	5.54	<13	PASS
		12	0	6.16	<13	PASS

		12	6	6.1	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.25	<13	PASS
	HCH	1	0	4.51	<13	PASS
		1	12	4.32	<13	PASS
		1	24	4.49	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.71	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.72	<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	5.07	<13	PASS
		1	24	4.95	<13	PASS
		1	49	5.04	<13	PASS
		25	0	5.52	<13	PASS
		25	12	5.56	<13	PASS
		25	25	5.5	<13	PASS
		50	0	5.5	<13	PASS
	MCH	1	0	4.77	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.29	<13	PASS
		25	0	5.51	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.32	<13	PASS
	HCH	1	0	3.89	<13	PASS
		1	24	3.56	<13	PASS
		1	49	3.53	<13	PASS
		25	0	5.1	<13	PASS
		25	12	4.91	<13	PASS
		25	25	4.77	<13	PASS
		50	0	4.96	<13	PASS
16QAM	LCH	1	0	5.92	<13	PASS
		1	24	5.81	<13	PASS
		1	49	5.84	<13	PASS
		25	0	6.28	<13	PASS
		25	12	6.32	<13	PASS

		25	25	6.18	<13	PASS
		50	0	6.16	<13	PASS
	MCH	1	0	5.6	<13	PASS
		1	24	5.25	<13	PASS
		1	49	5.26	<13	PASS
		25	0	6.24	<13	PASS
		25	12	6.22	<13	PASS
		25	25	6.09	<13	PASS
		50	0	6.14	<13	PASS
		HCH	1	0	4.68	<13
	1		24	4.39	<13	PASS
	1		49	4.45	<13	PASS
	25		0	6.03	<13	PASS
	25		12	5.89	<13	PASS
	25		25	5.67	<13	PASS
	50		0	5.83	<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	4.86	<13	PASS
		1	37	4.9	<13	PASS
		1	74	5	<13	PASS
		37	0	5.43	<13	PASS
		37	18	5.49	<13	PASS
		37	38	5.53	<13	PASS
		75	0	5.82	<13	PASS
		MCH	1	0	4.91	<13
	1		37	4.42	<13	PASS
	1		74	4.41	<13	PASS
	37		0	5.51	<13	PASS
	37		18	5.31	<13	PASS
	37		38	5.17	<13	PASS
	75		0	5.58	<13	PASS
	HCH		1	0	3.98	<13
		1	37	3.69	<13	PASS
		1	74	3.41	<13	PASS
		37	0	5.29	<13	PASS
		37	18	5.02	<13	PASS
		37	38	4.79	<13	PASS

		75	0	5.34	<13	PASS
16QAM	LCH	1	0	5.76	<13	PASS
		1	37	5.63	<13	PASS
		1	74	5.95	<13	PASS
		37	0	6.23	<13	PASS
		37	18	6.24	<13	PASS
		37	38	6.23	<13	PASS
		75	0	6.32	<13	PASS
	MCH	1	0	5.73	<13	PASS
		1	37	5.28	<13	PASS
		1	74	5.34	<13	PASS
		37	0	6.3	<13	PASS
		37	18	6.2	<13	PASS
		37	38	6.02	<13	PASS
		75	0	6.15	<13	PASS
	HCH	1	0	4.83	<13	PASS
		1	37	4.48	<13	PASS
		1	74	4.41	<13	PASS
		37	0	6.17	<13	PASS
		37	18	5.9	<13	PASS
		37	38	5.68	<13	PASS
		75	0	6.02	<13	PASS

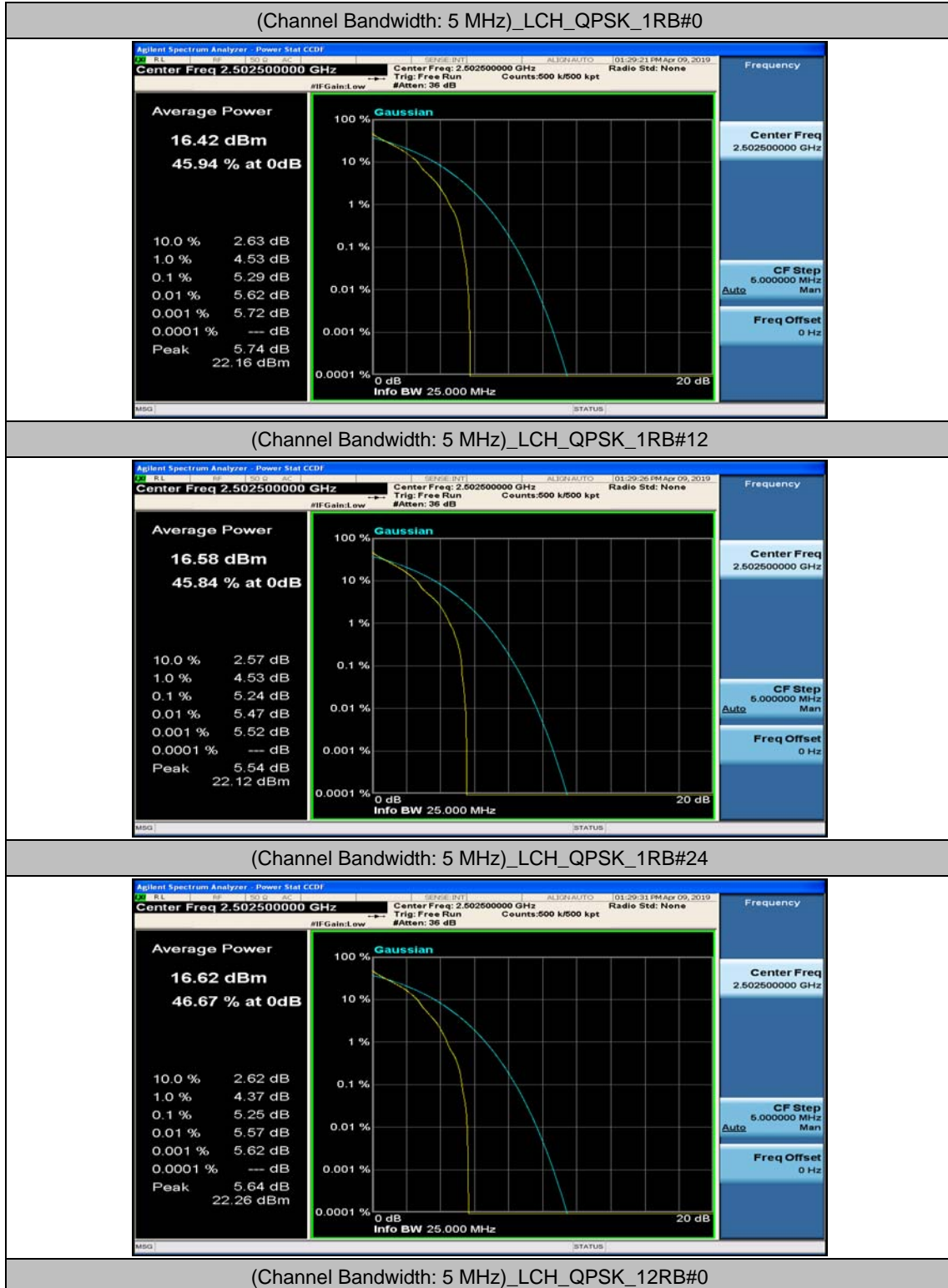
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.76	<13	PASS
		1	49	4.95	<13	PASS
		1	99	4.98	<13	PASS
		50	0	5.49	<13	PASS
		50	25	5.61	<13	PASS
		50	50	5.57	<13	PASS
		100	0	5.68	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	49	4.26	<13	PASS
		1	99	4.32	<13	PASS
		50	0	5.46	<13	PASS
		50	25	5.29	<13	PASS
		50	50	5.17	<13	PASS
		100	0	5.32	<13	PASS

	HCH	1	0	4.19	<13	PASS
		1	49	3.6	<13	PASS
		1	99	3.49	<13	PASS
		50	0	5.55	<13	PASS
		50	25	5.19	<13	PASS
		50	50	4.97	<13	PASS
		100	0	5.41	<13	PASS
16QAM	LCH	1	0	5.67	<13	PASS
		1	49	5.61	<13	PASS
		1	99	5.73	<13	PASS
		50	0	6.18	<13	PASS
		50	25	6.24	<13	PASS
		50	50	6.3	<13	PASS
		100	0	6.34	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	49	4.98	<13	PASS
		1	99	5.19	<13	PASS
		50	0	6.23	<13	PASS
		50	25	6.07	<13	PASS
		50	50	5.98	<13	PASS
		100	0	6.06	<13	PASS
	HCH	1	0	5.17	<13	PASS
		1	49	4.54	<13	PASS
		1	99	4.28	<13	PASS
		50	0	6.32	<13	PASS
		50	25	6.07	<13	PASS
		50	50	5.84	<13	PASS
		100	0	6.24	<13	PASS

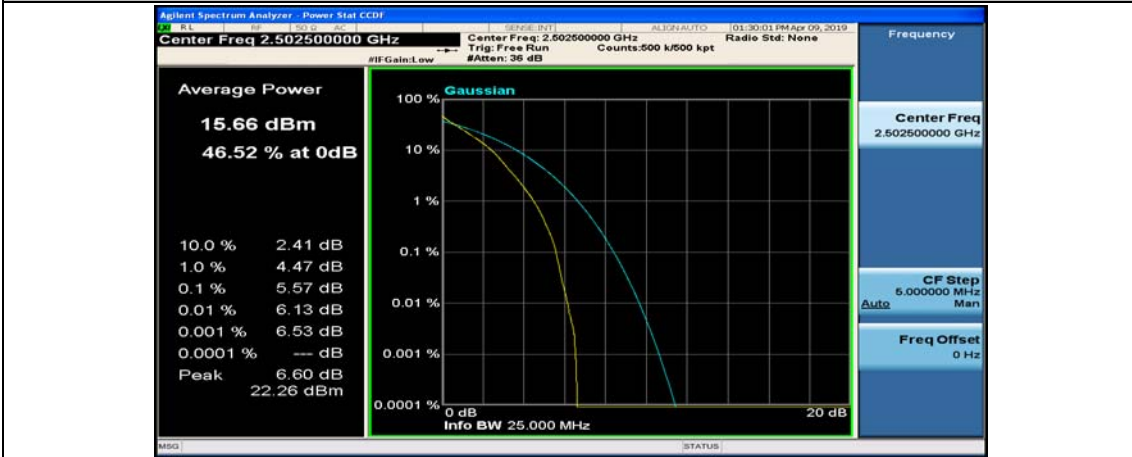
Test Graphs

Channel Bandwidth: 5 MHz

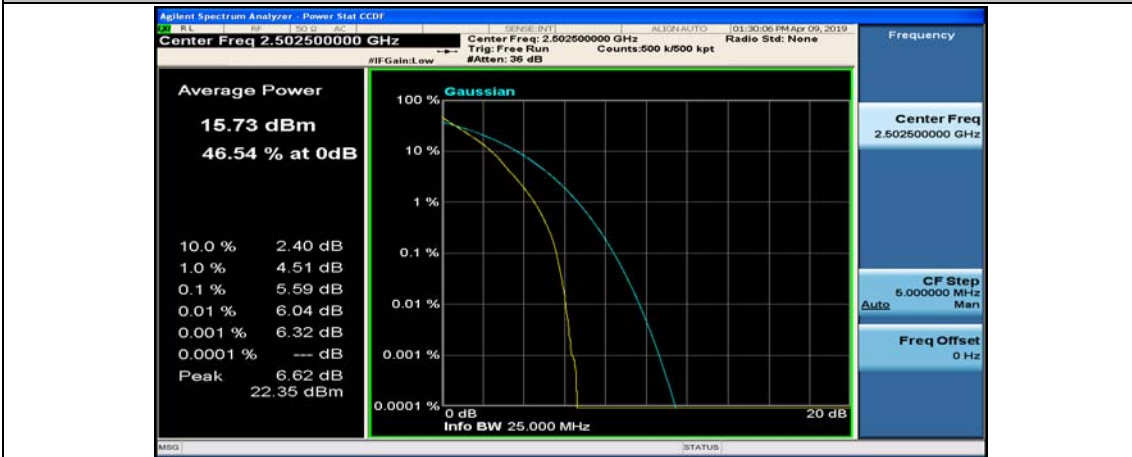




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



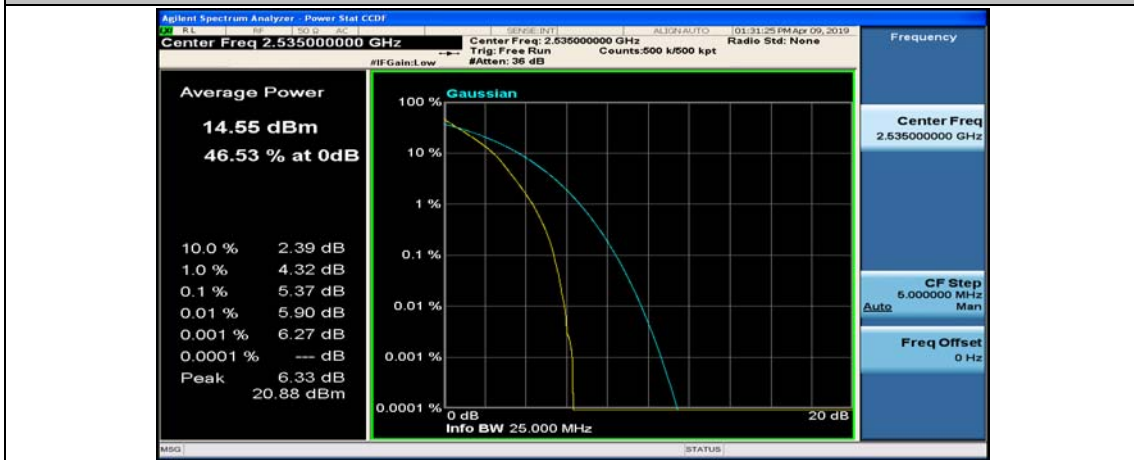
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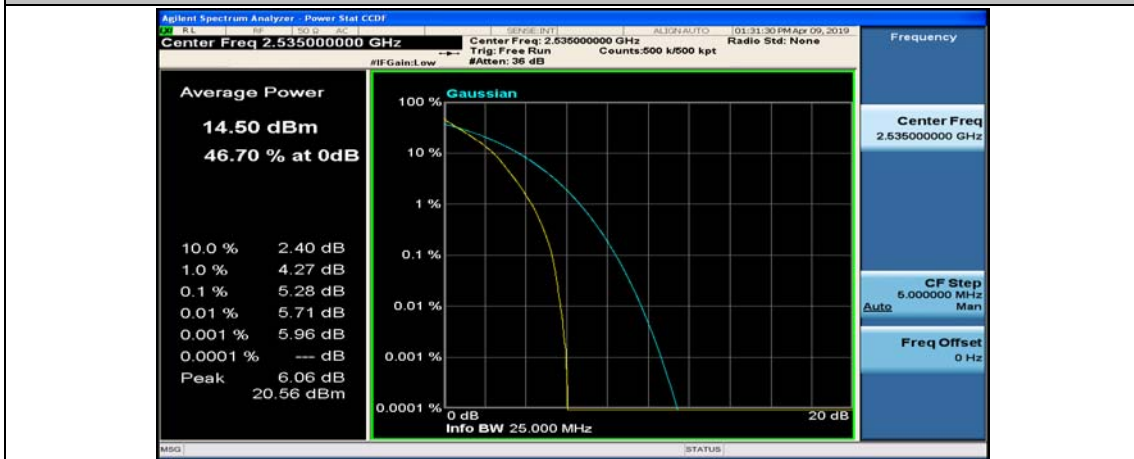
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



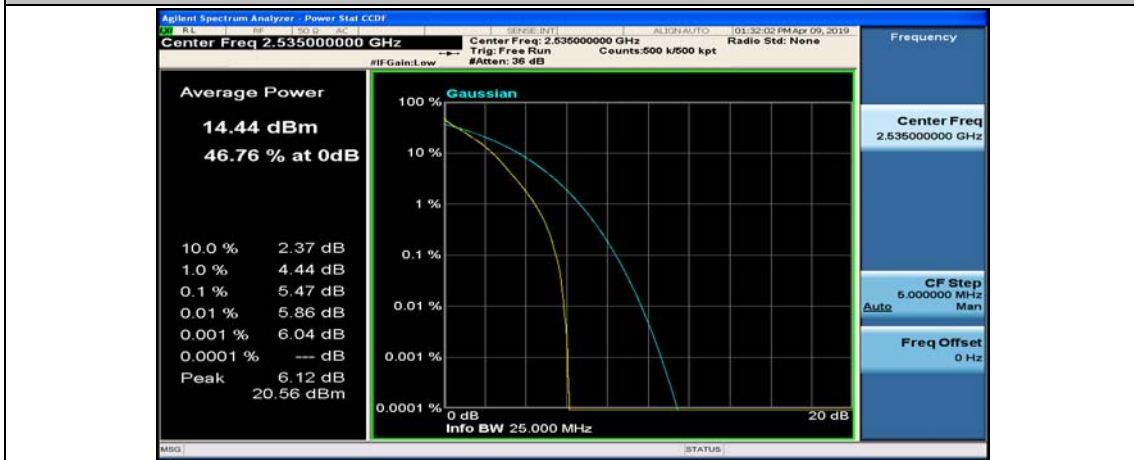
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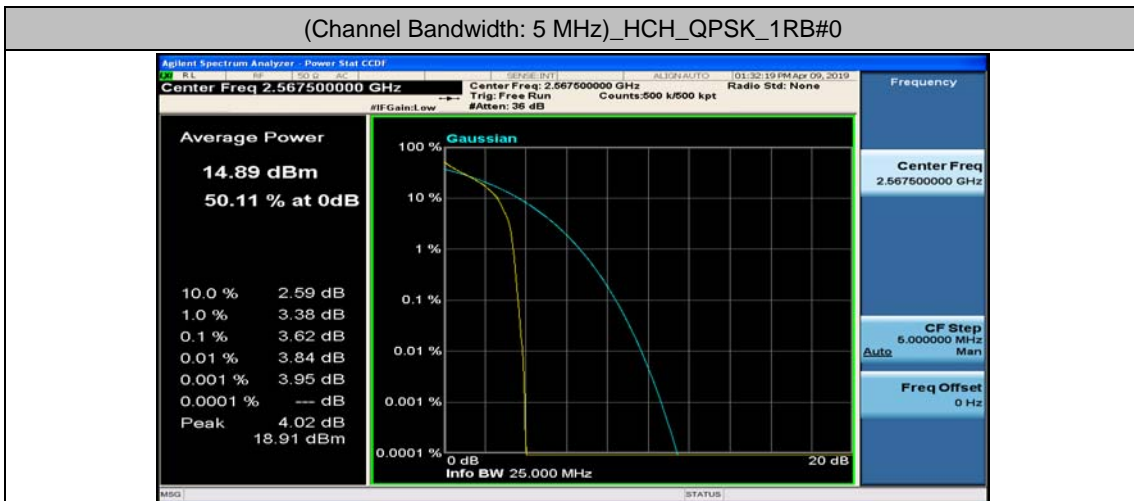
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(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



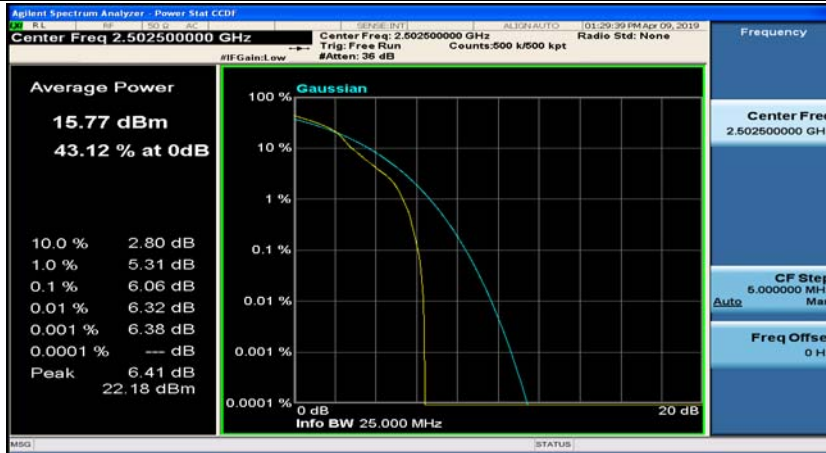
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



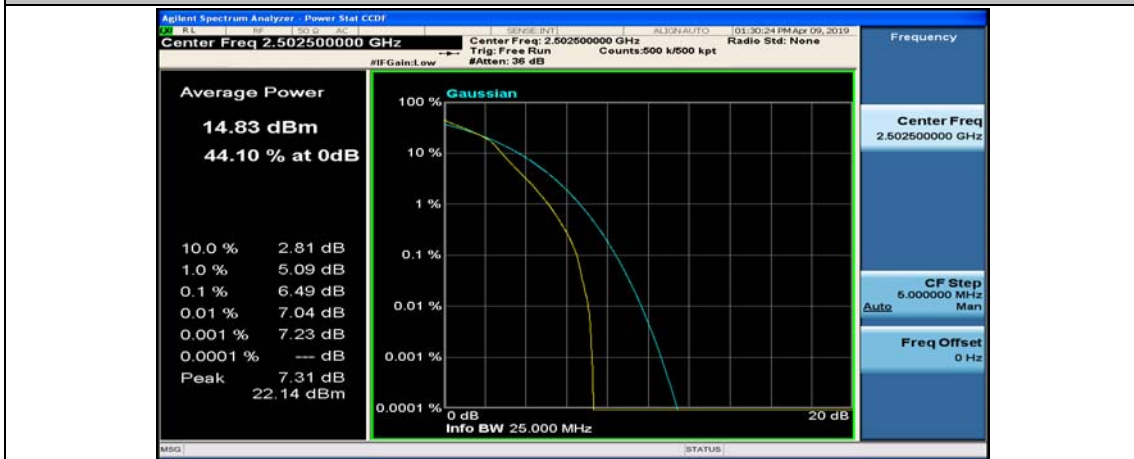
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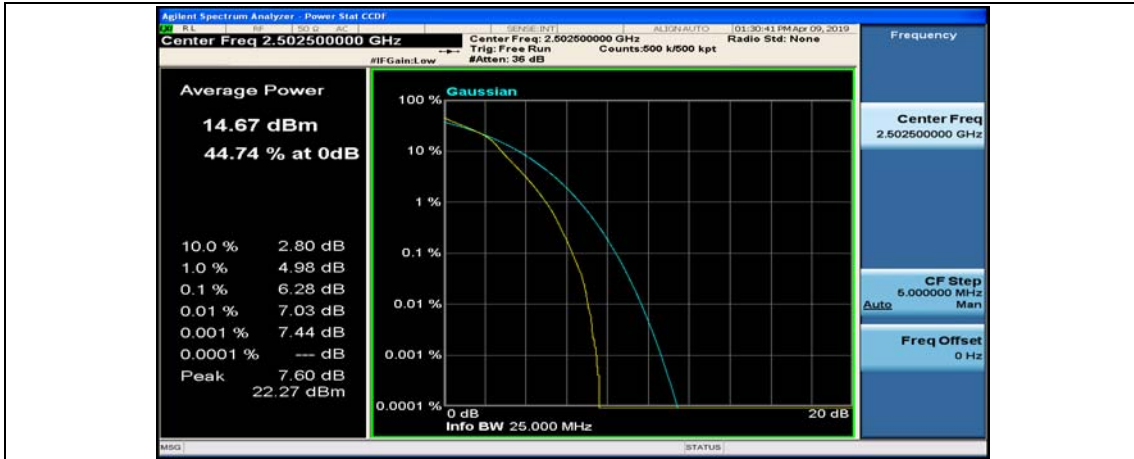
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



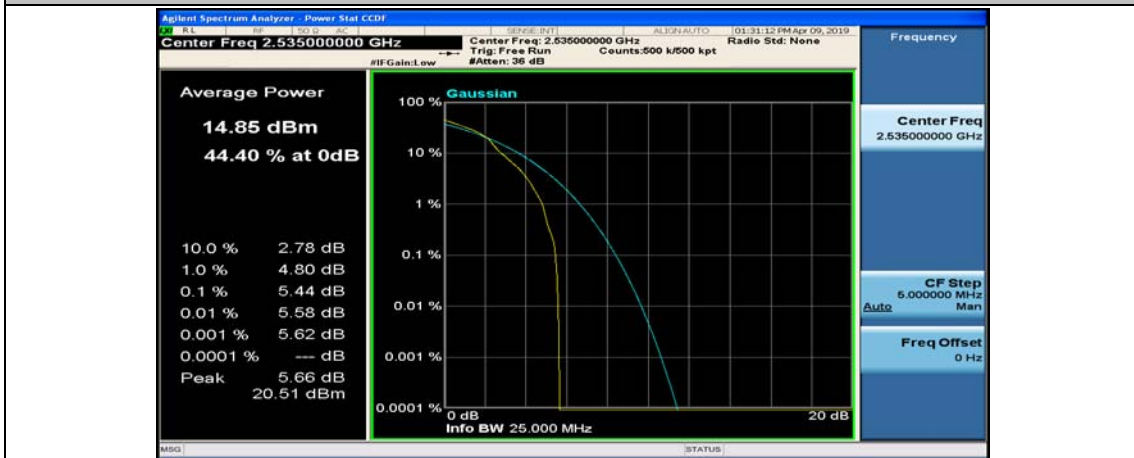
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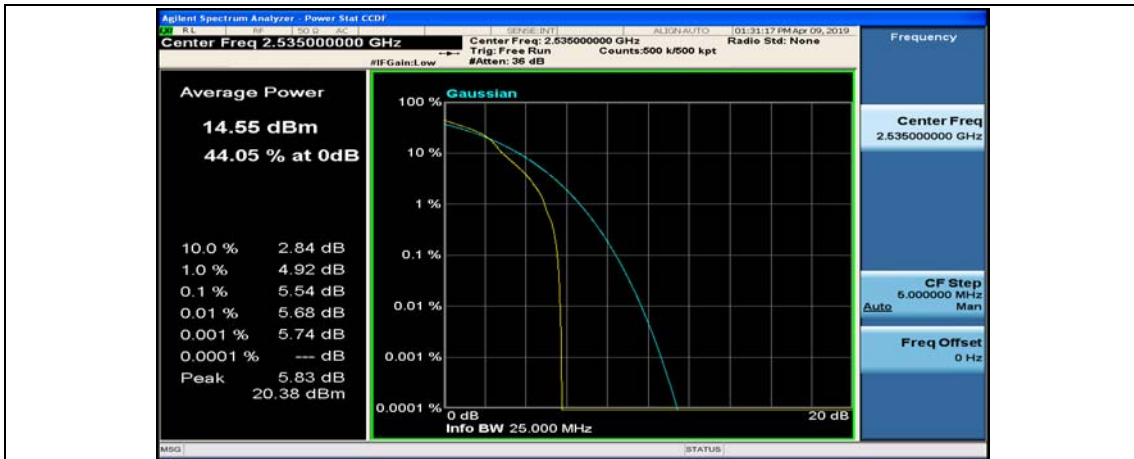
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



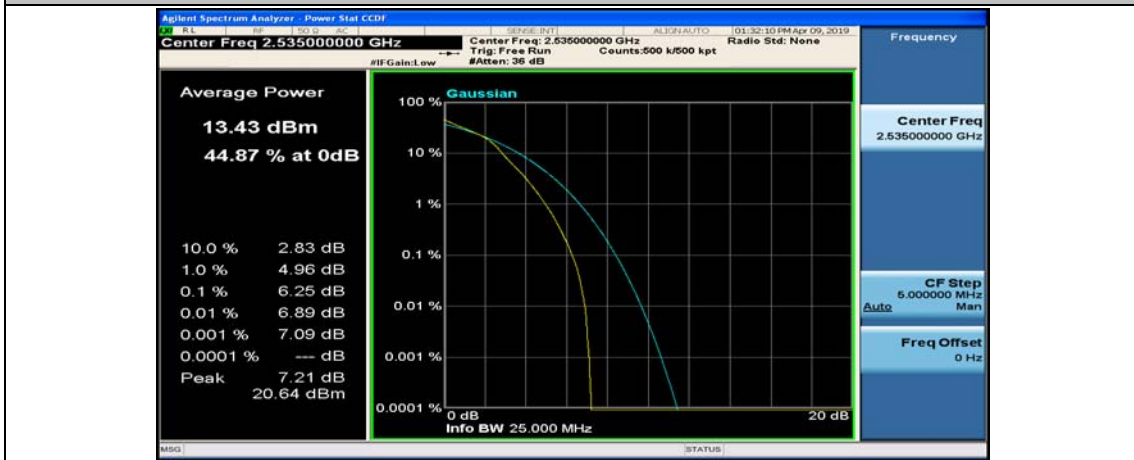
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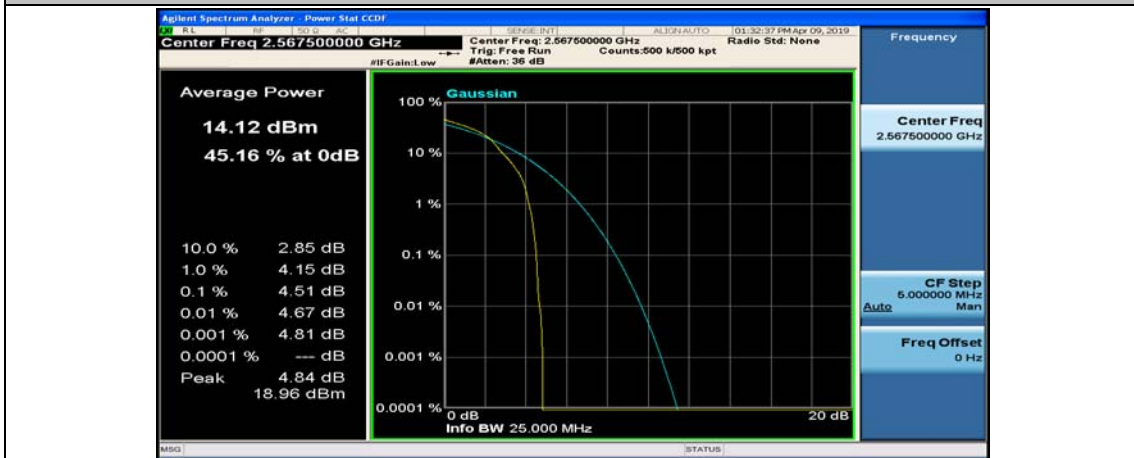
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



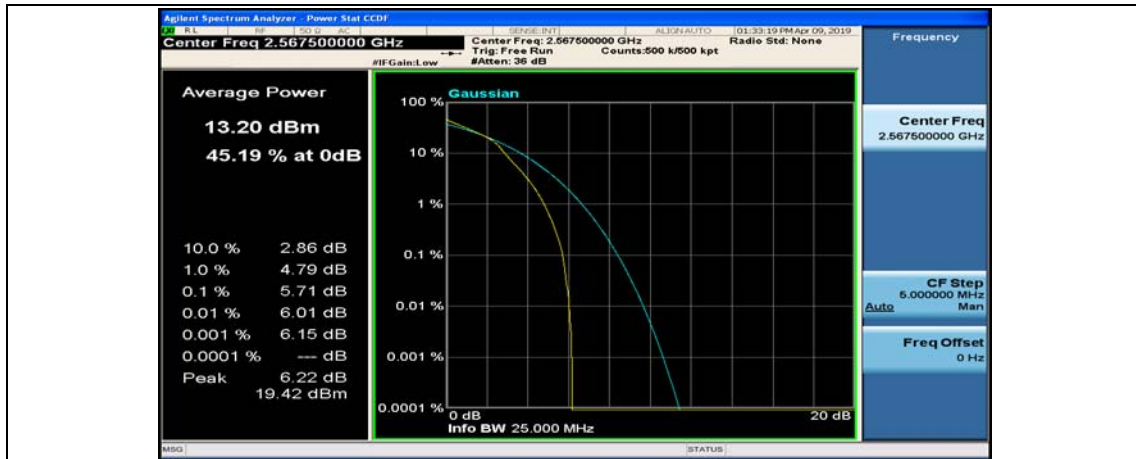
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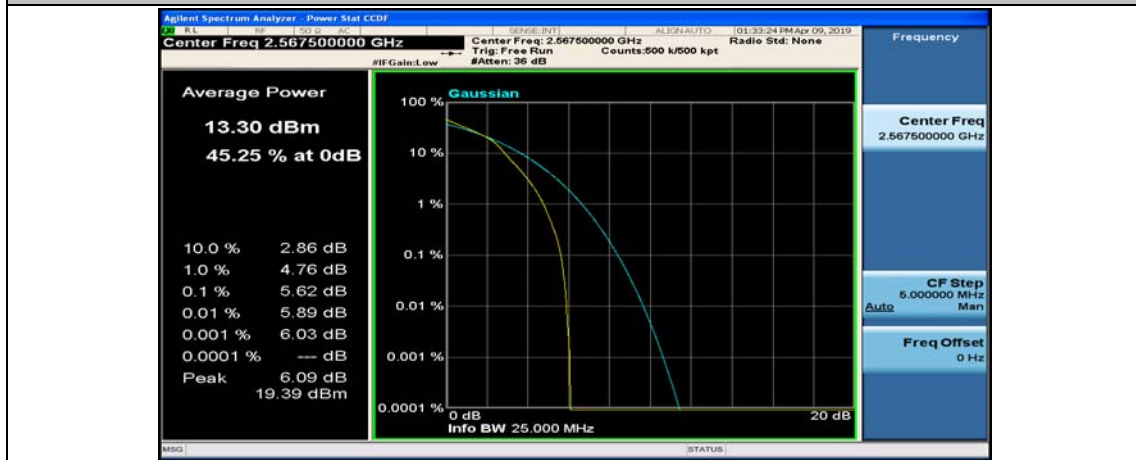
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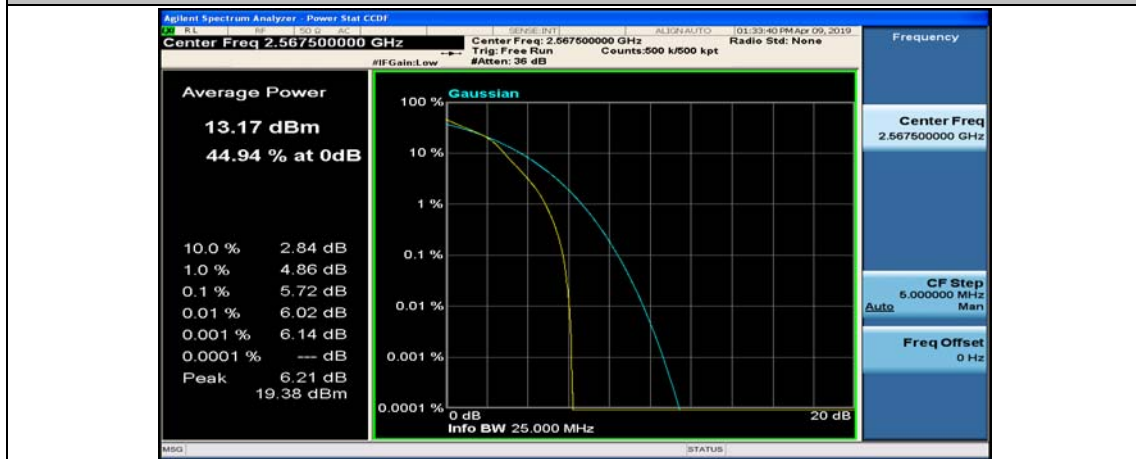
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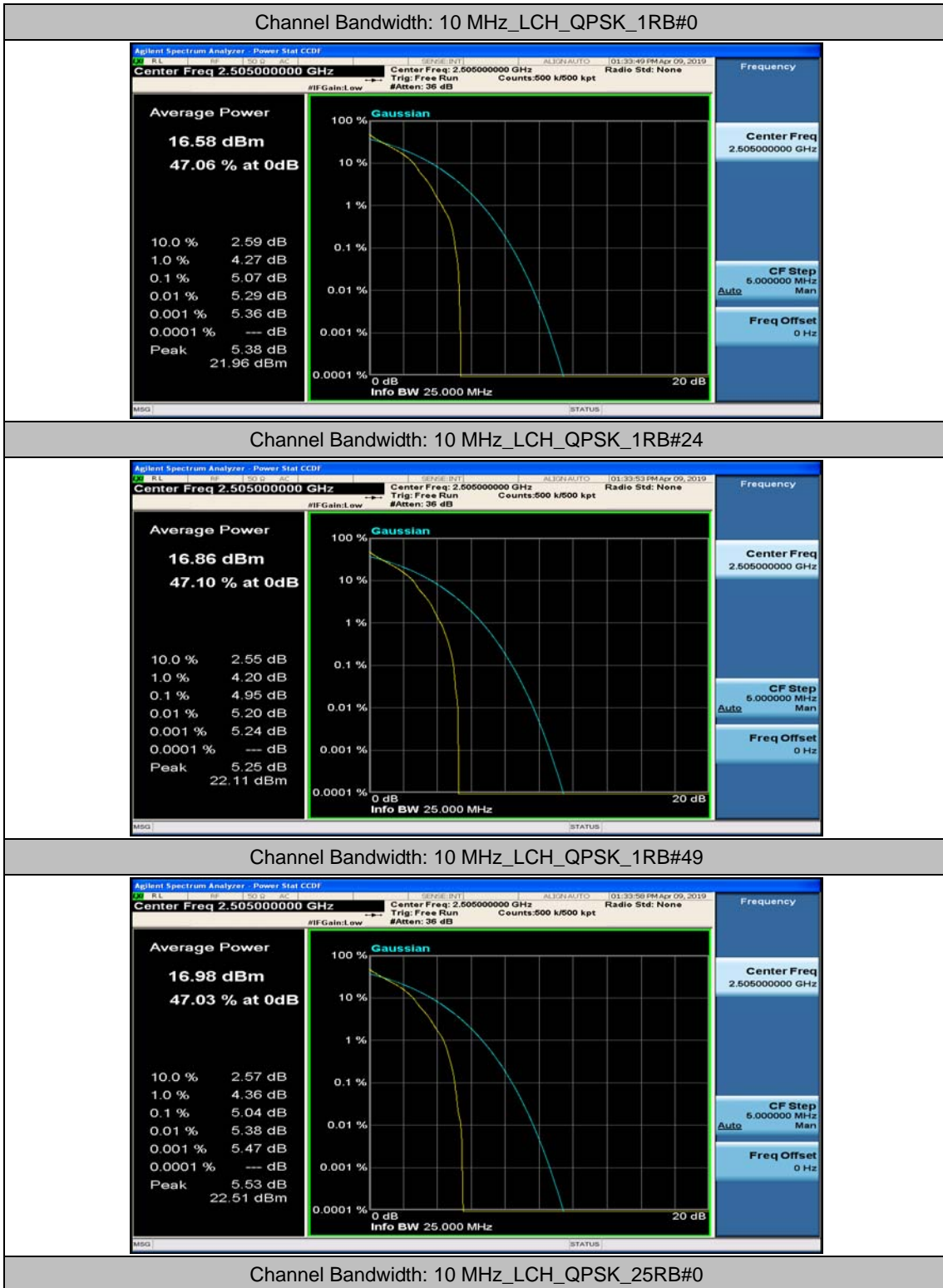
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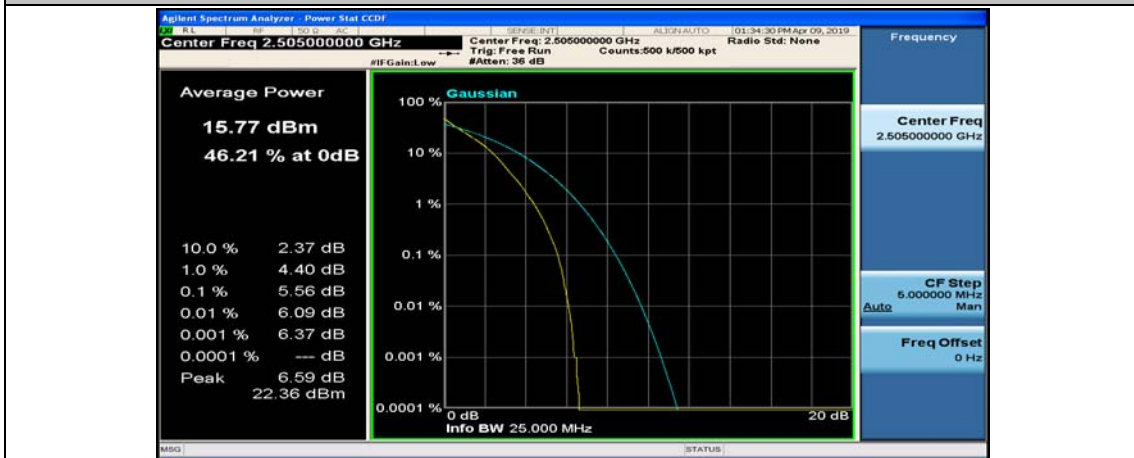
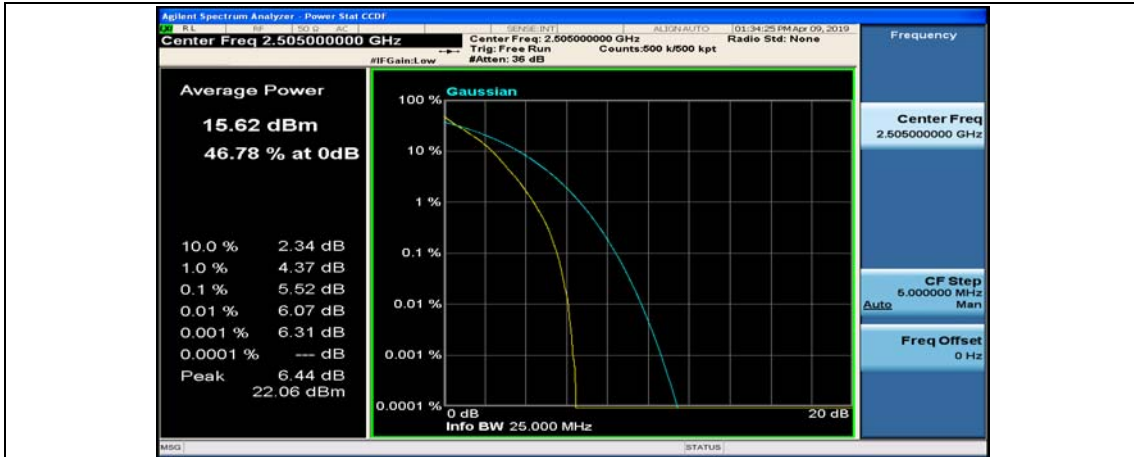


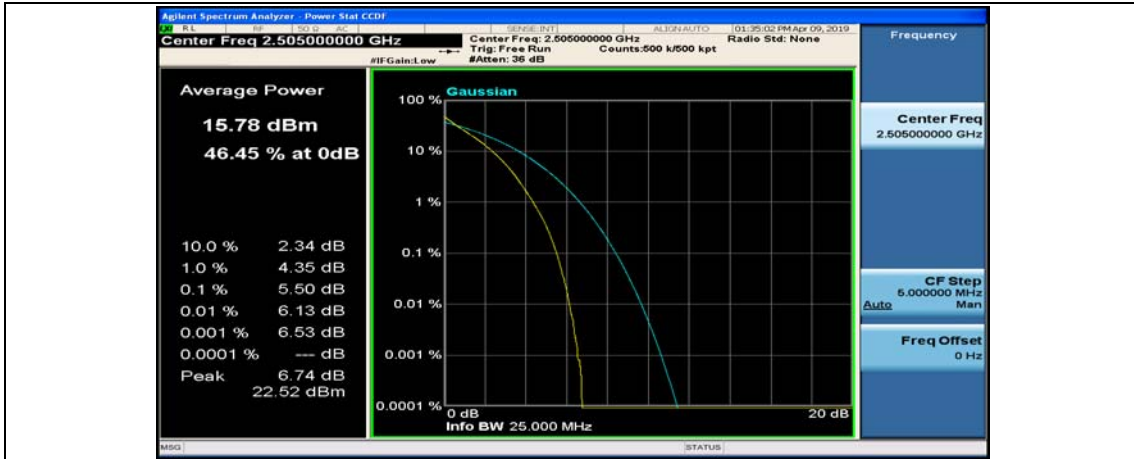
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



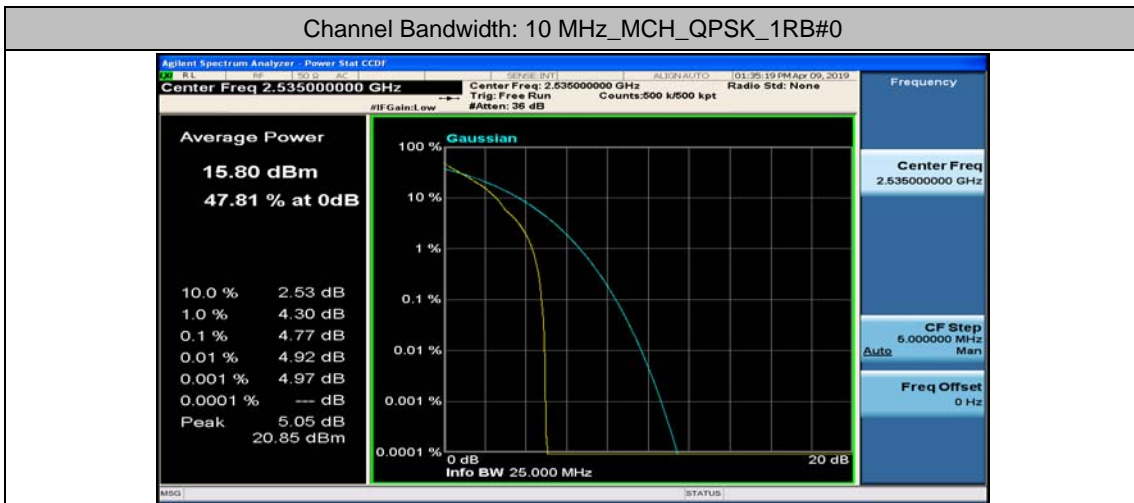
Channel Bandwidth: 10 MHz



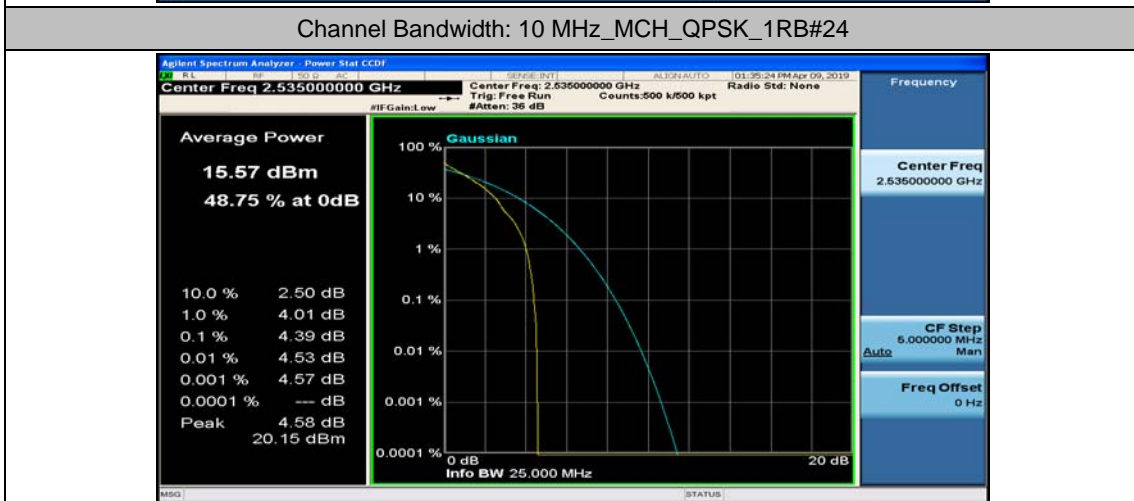




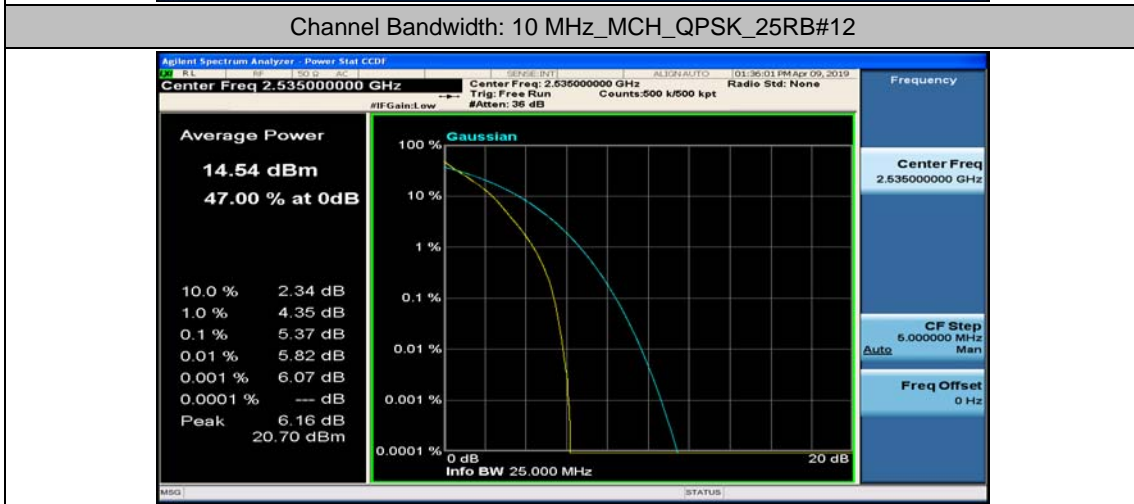
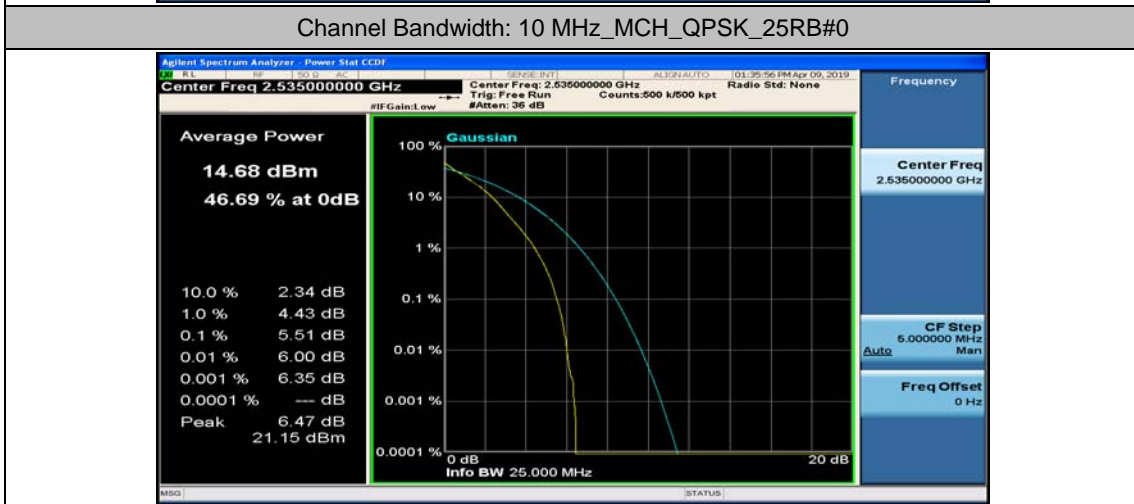
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

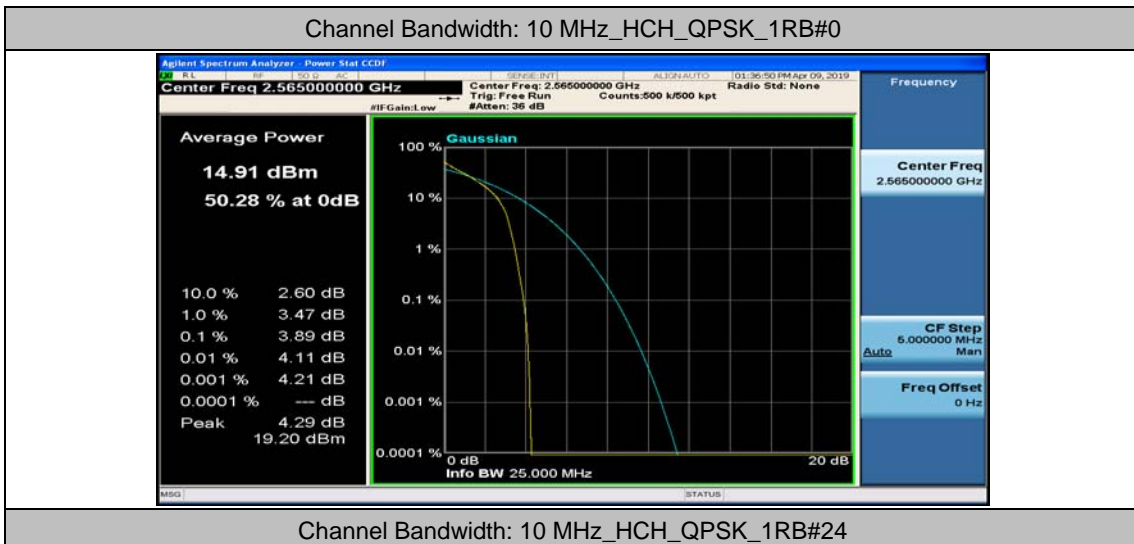
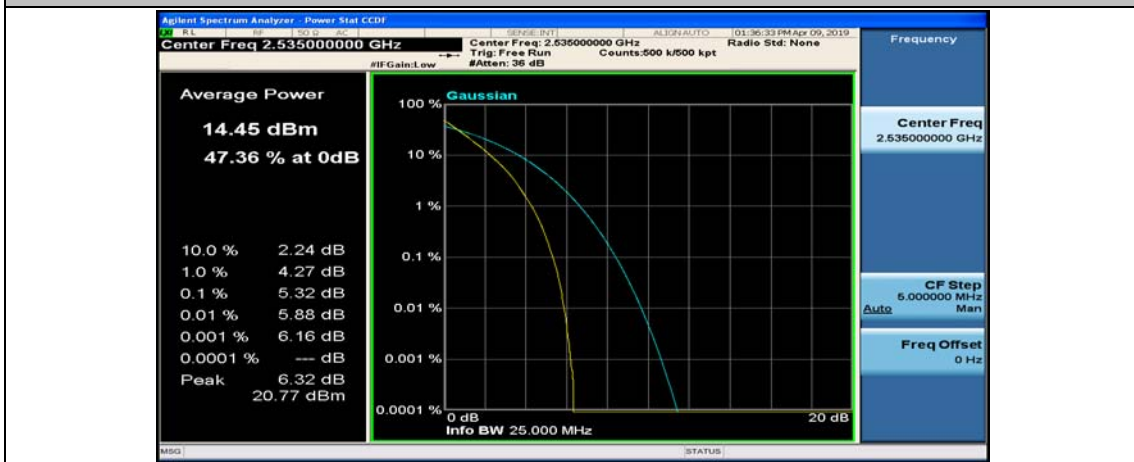


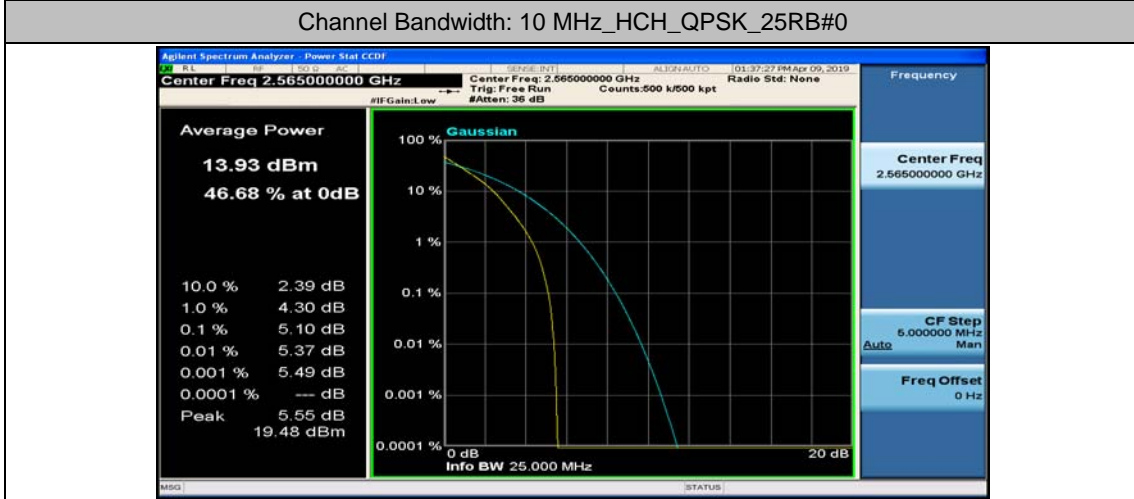
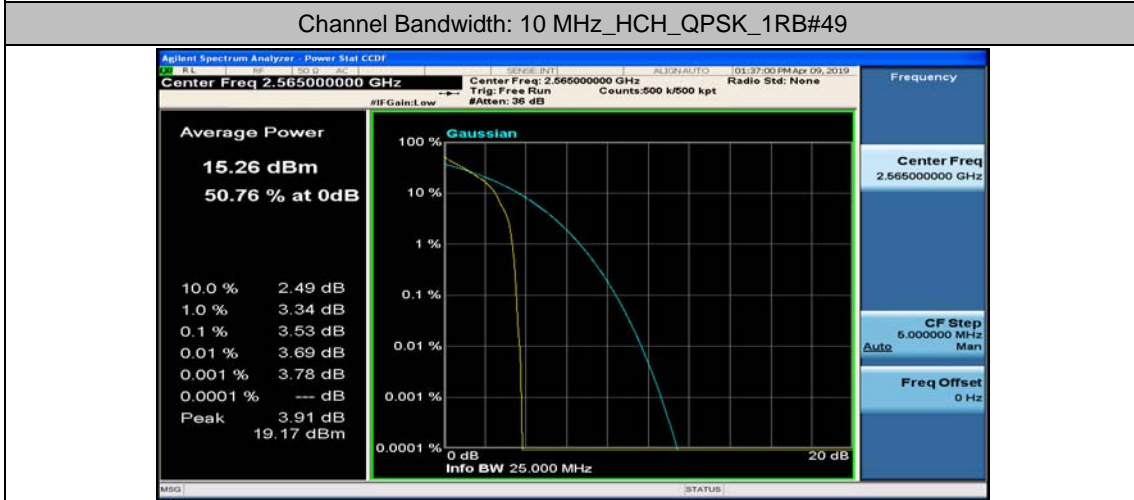
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

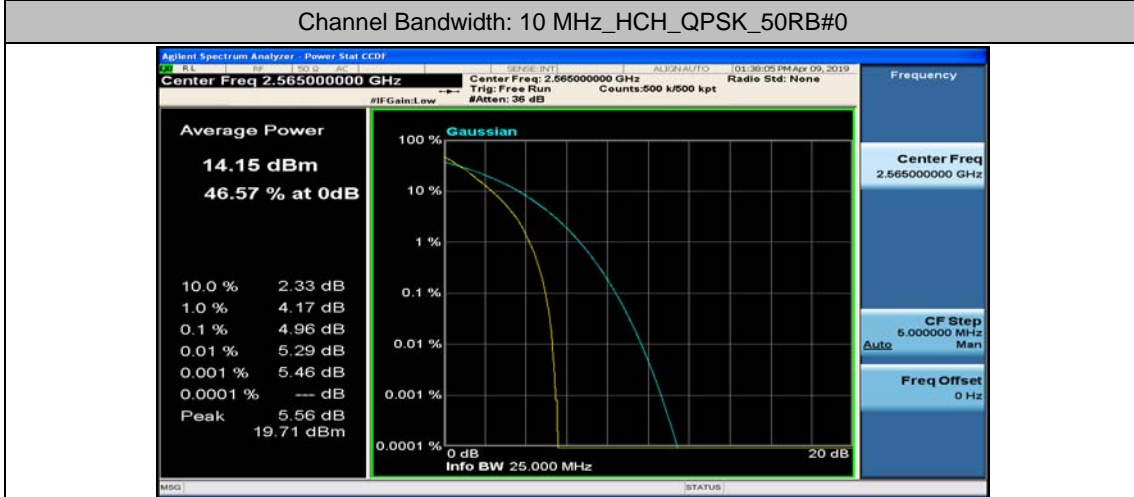
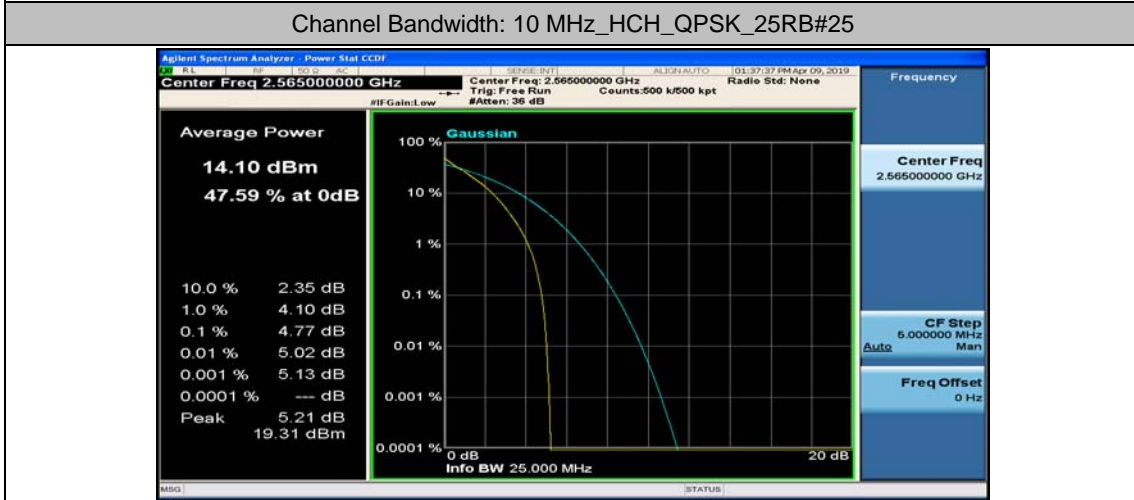


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

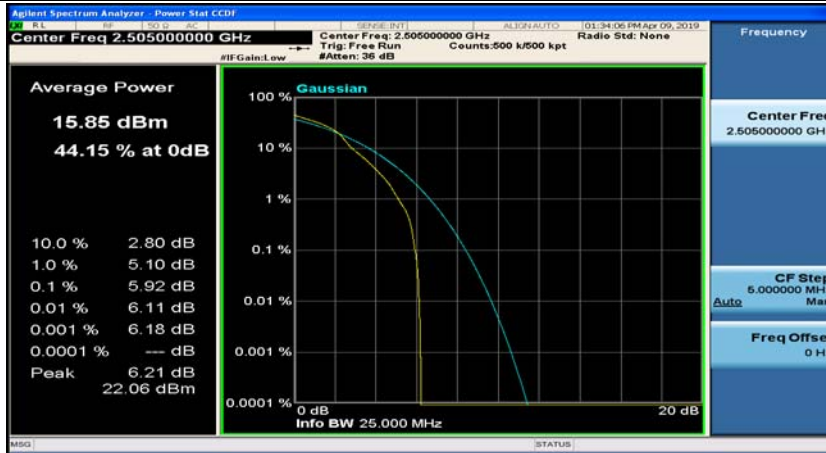








Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



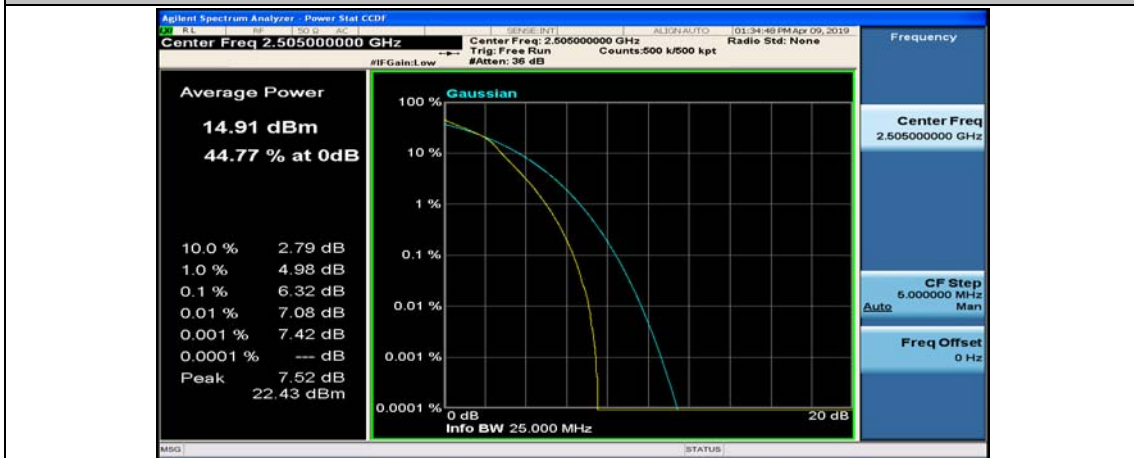
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



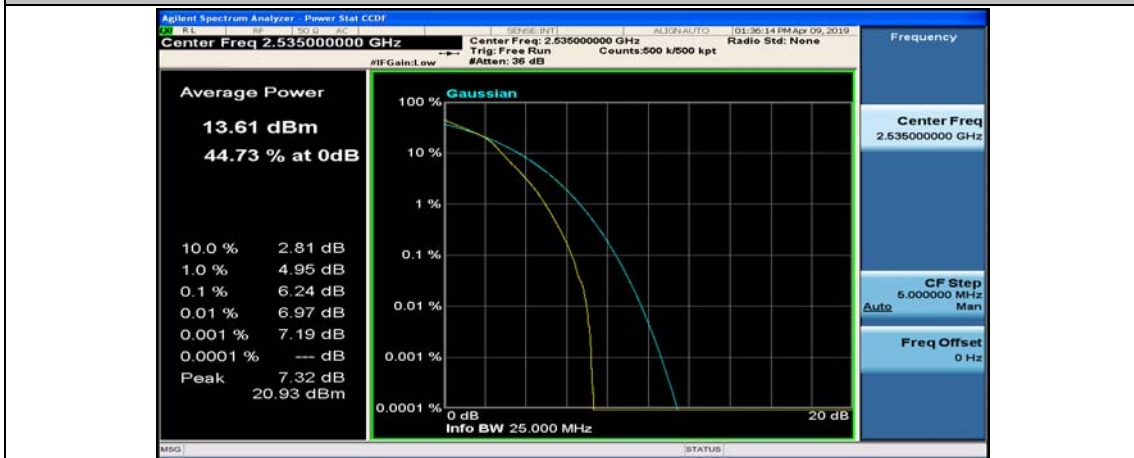
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



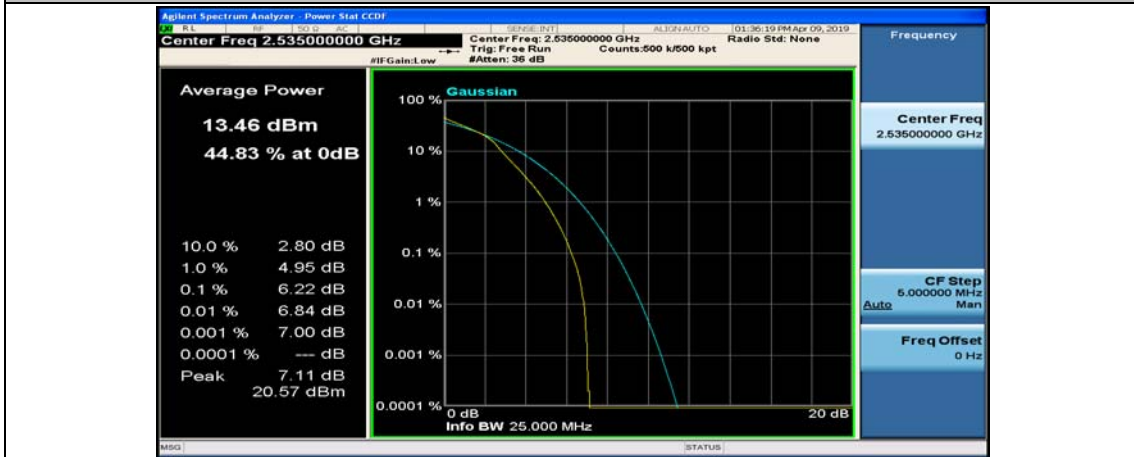
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



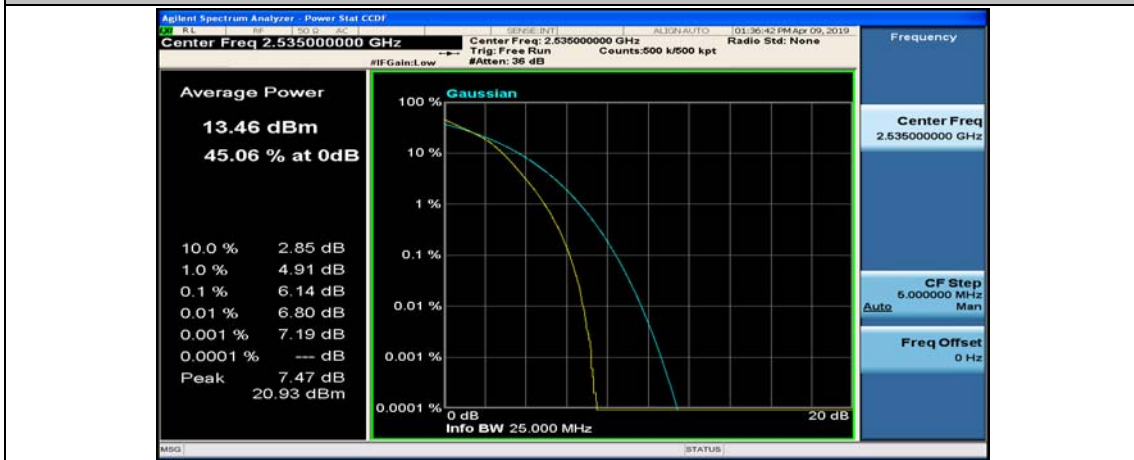
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



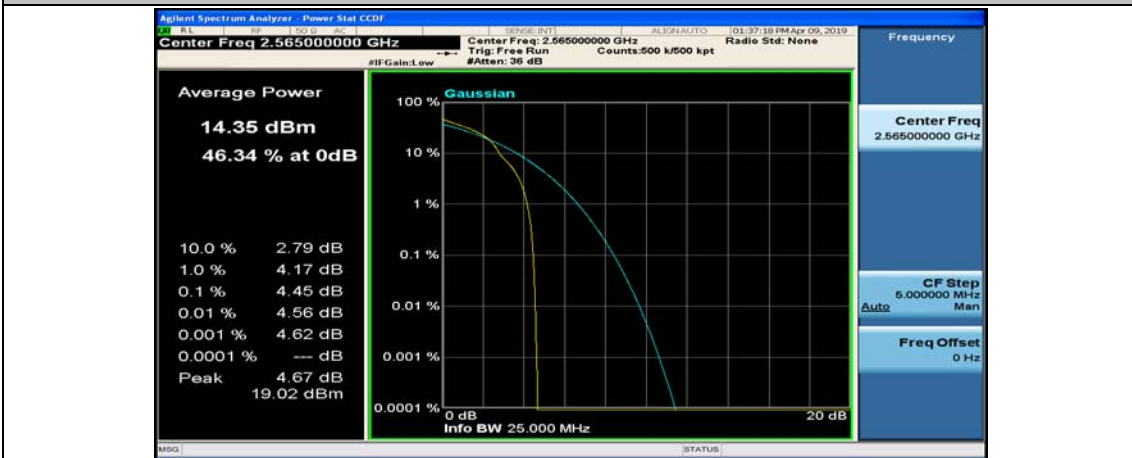
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

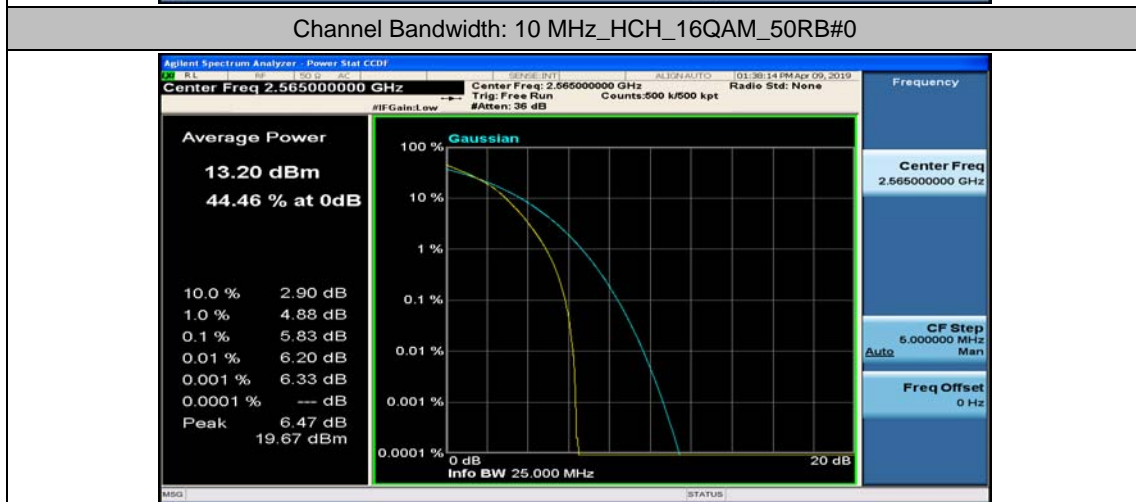
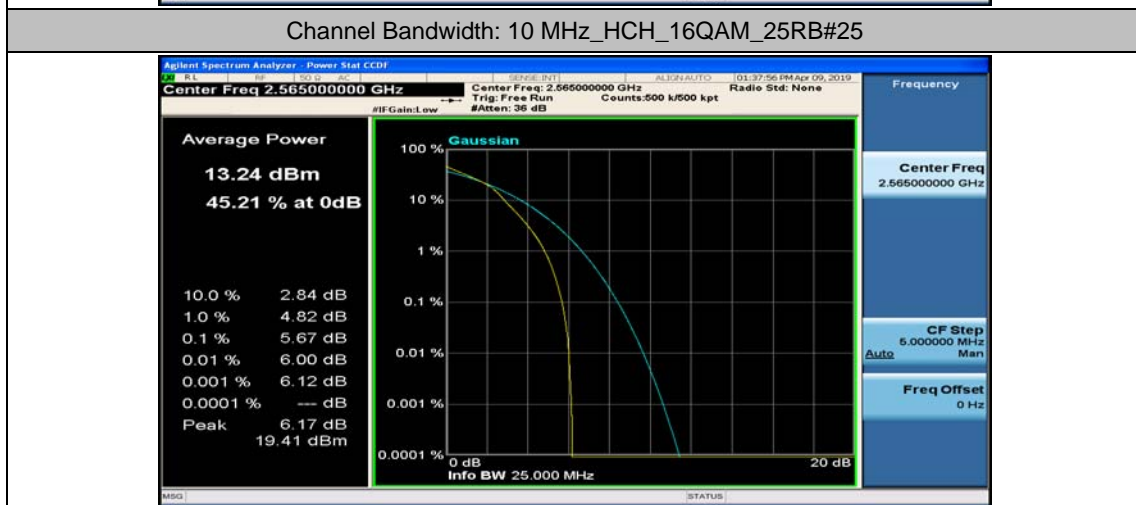


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

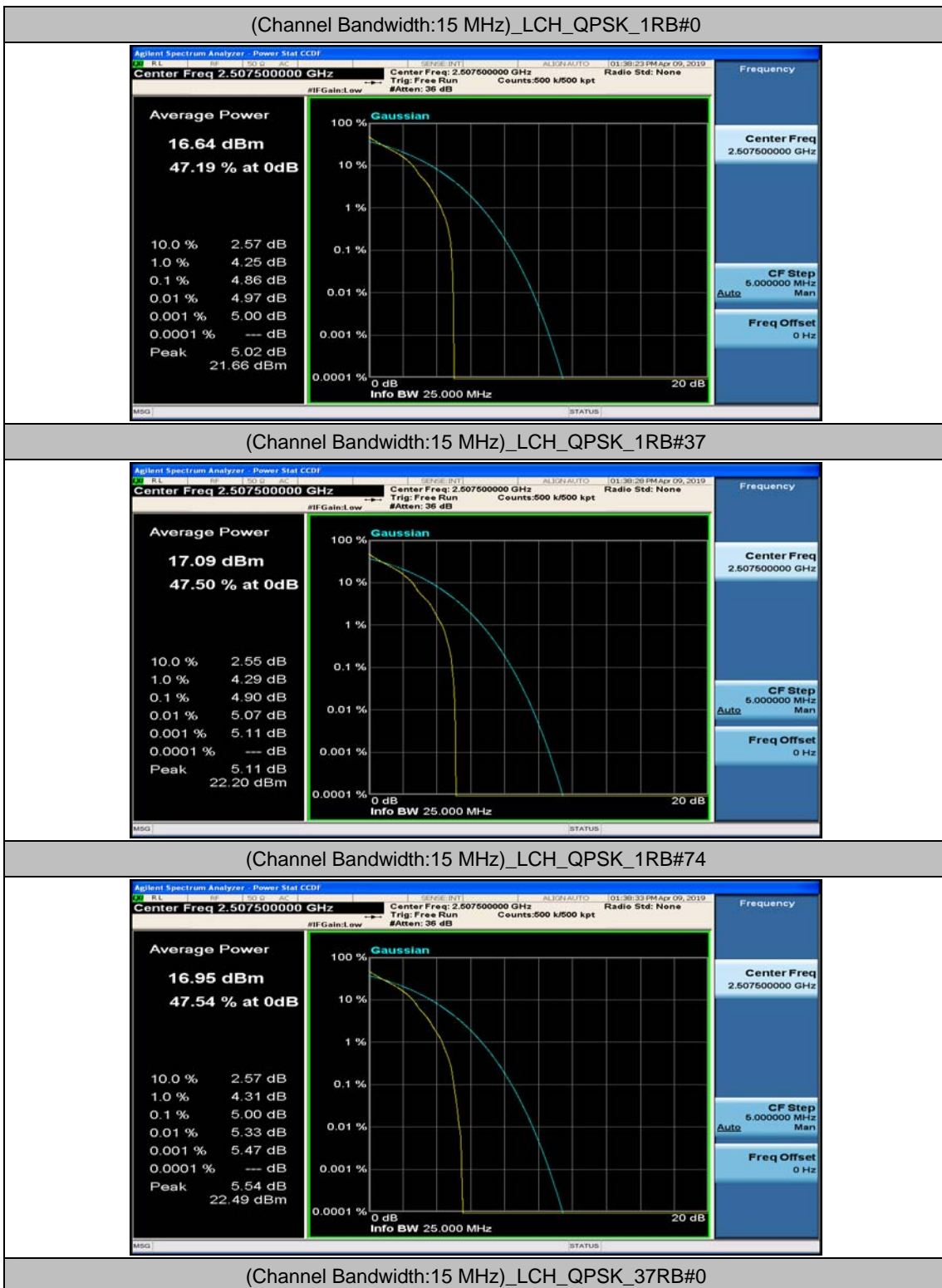


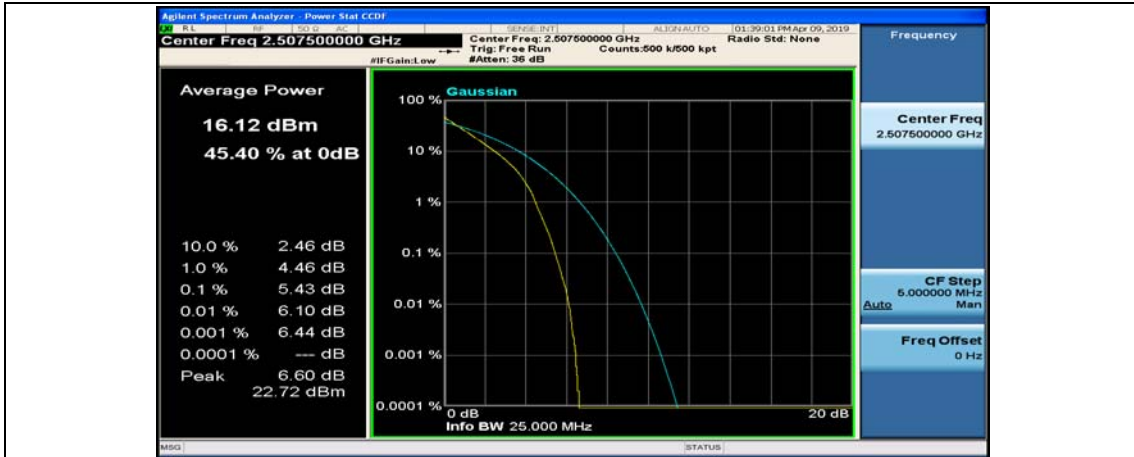
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 15 MHz





(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



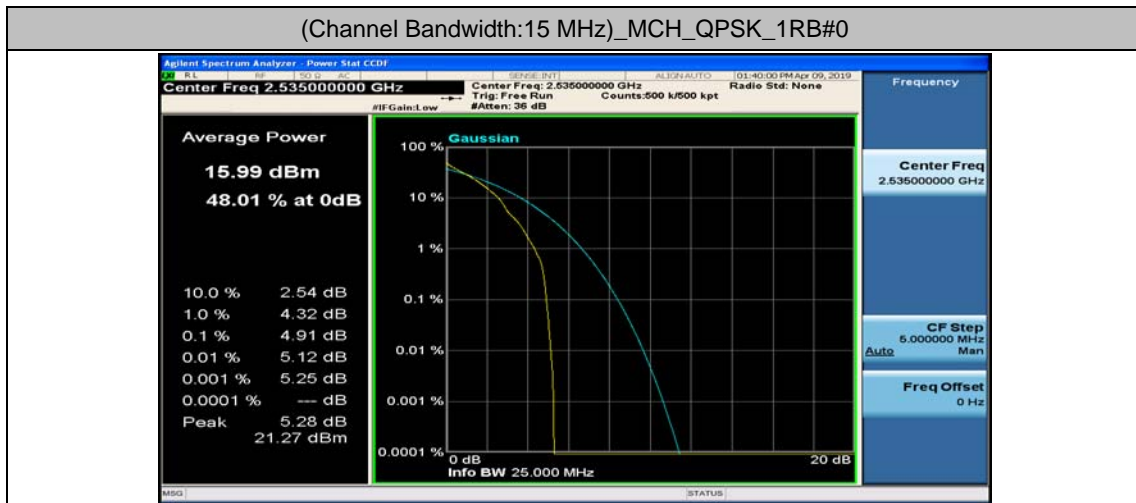
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



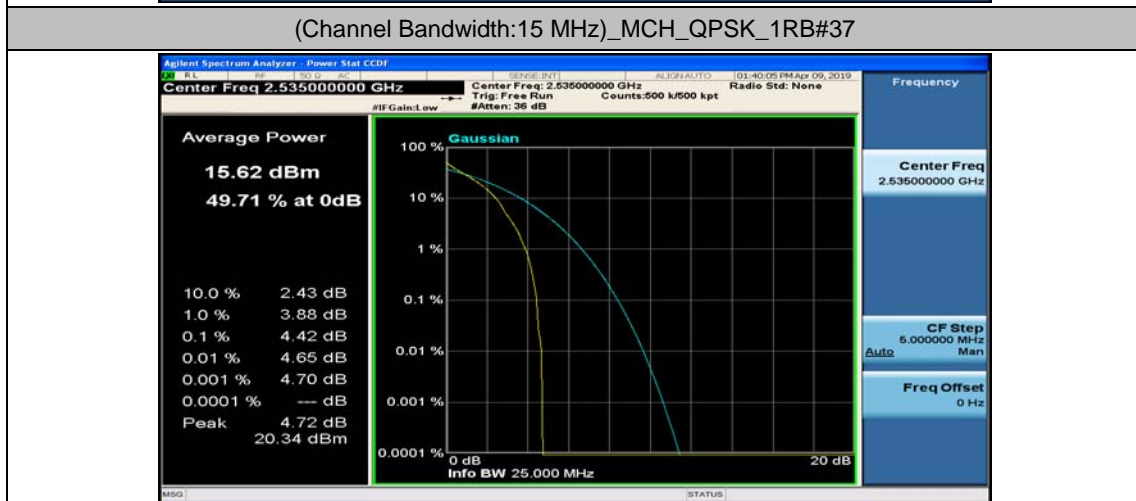
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



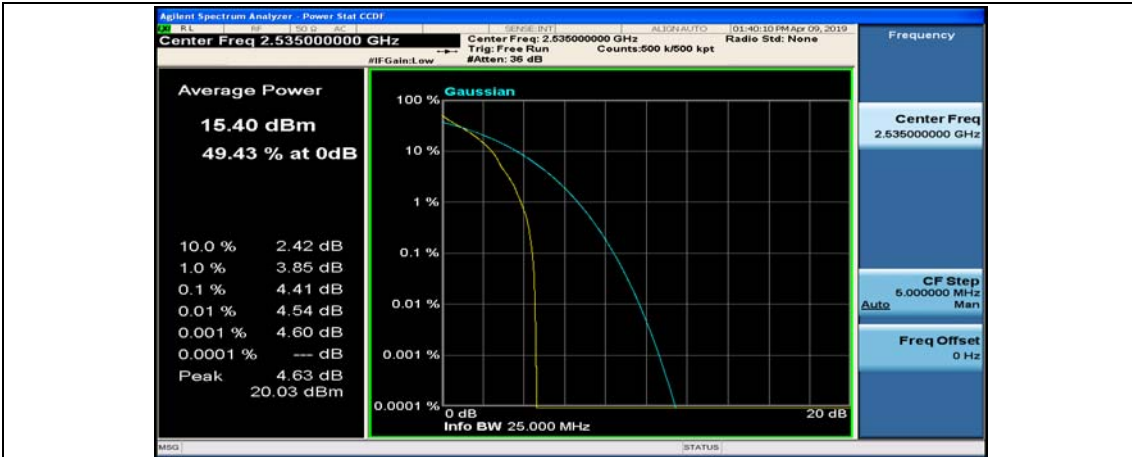
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



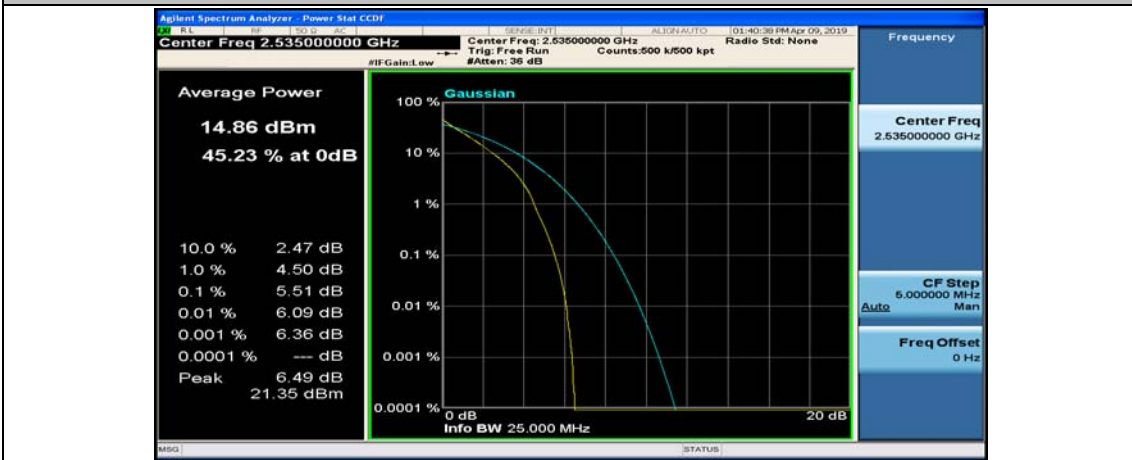
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



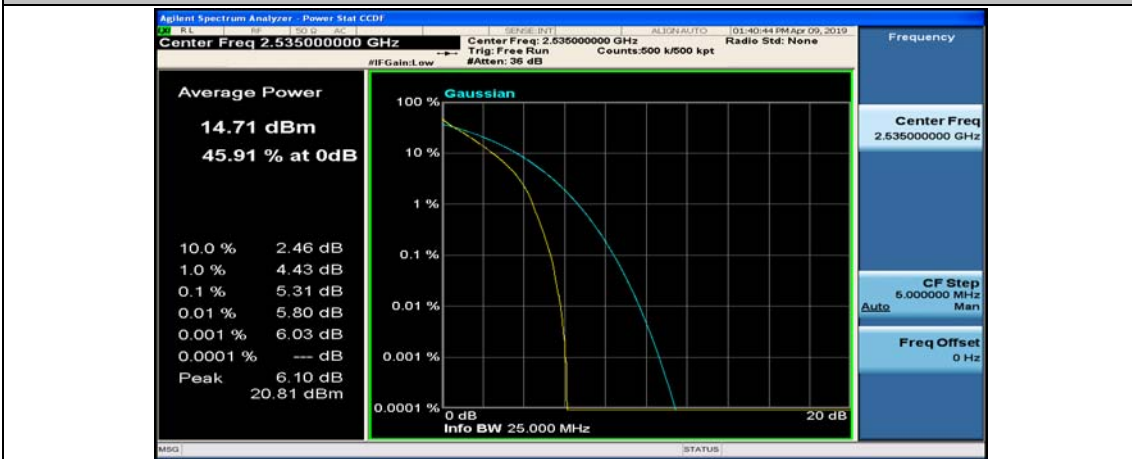
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



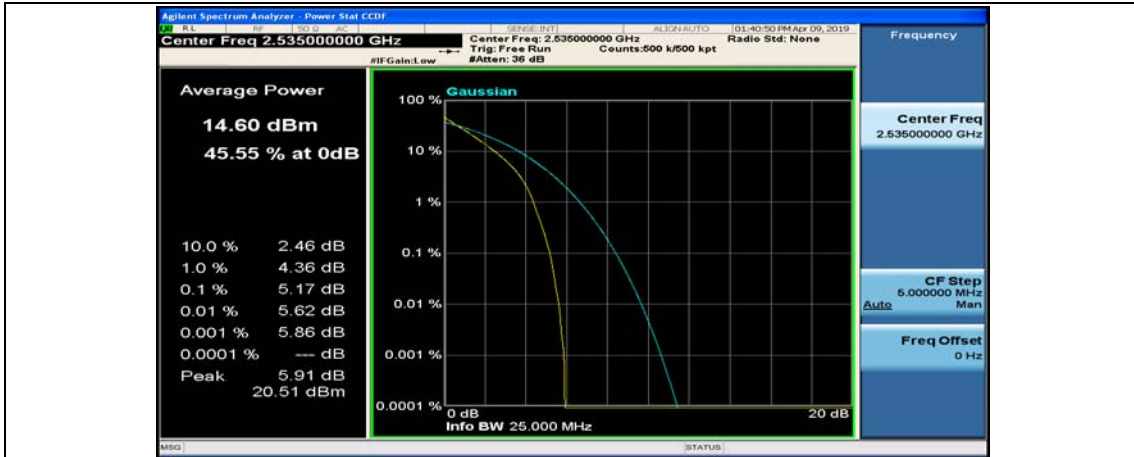
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



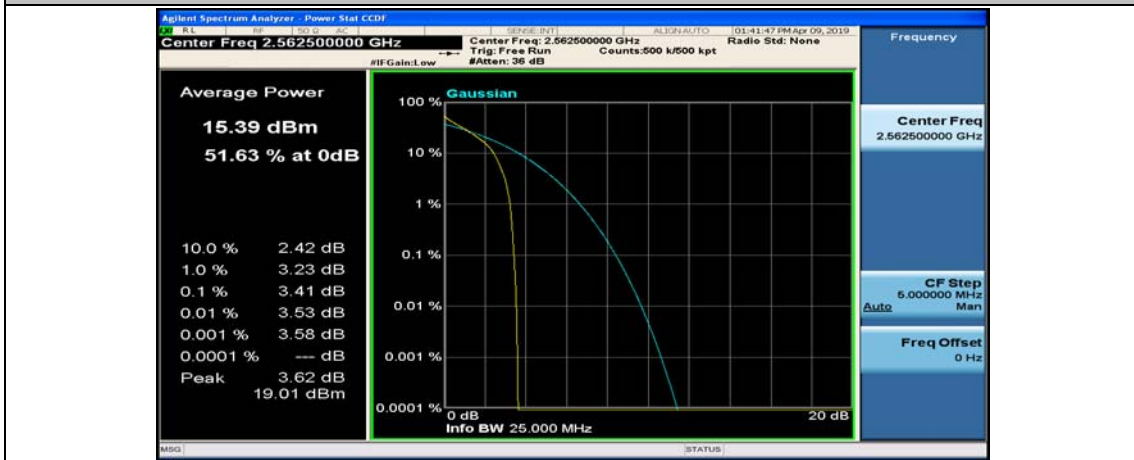
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



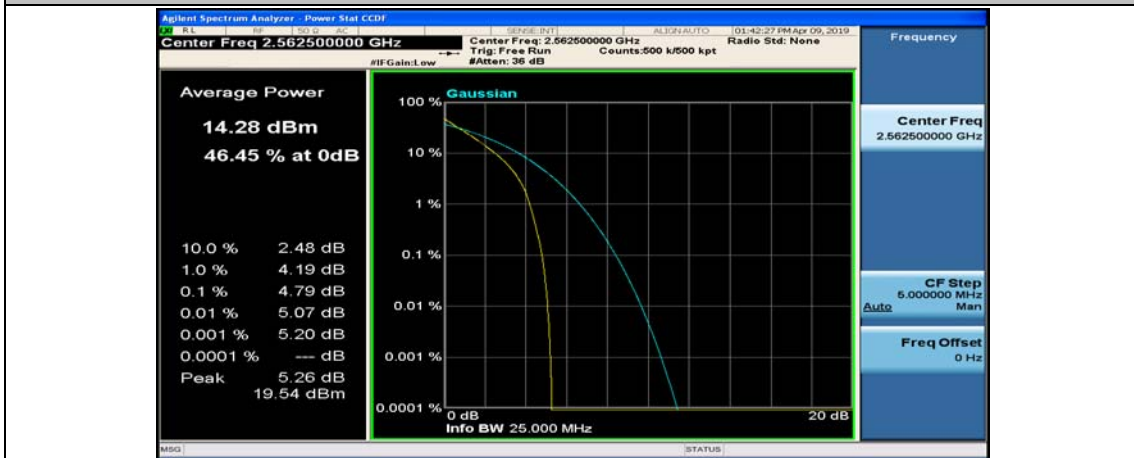
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



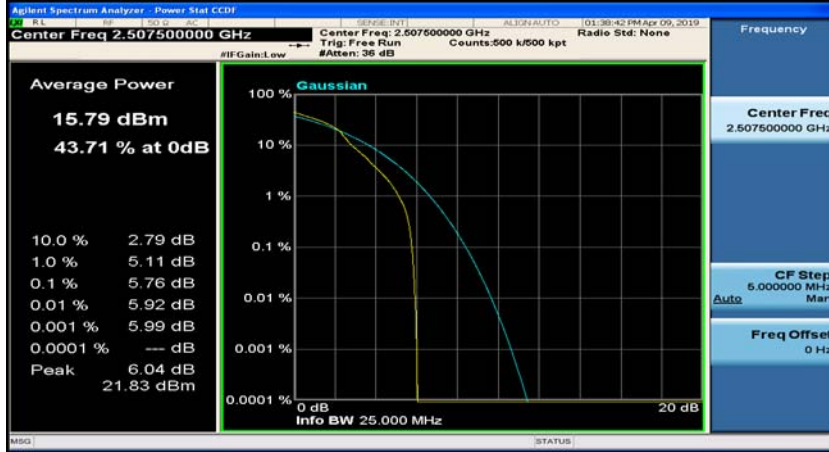
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



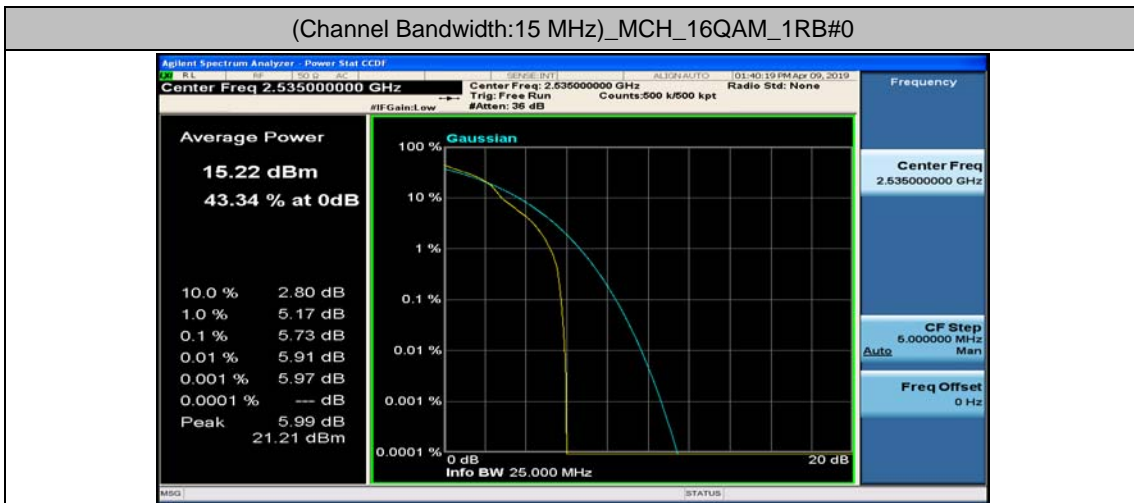
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



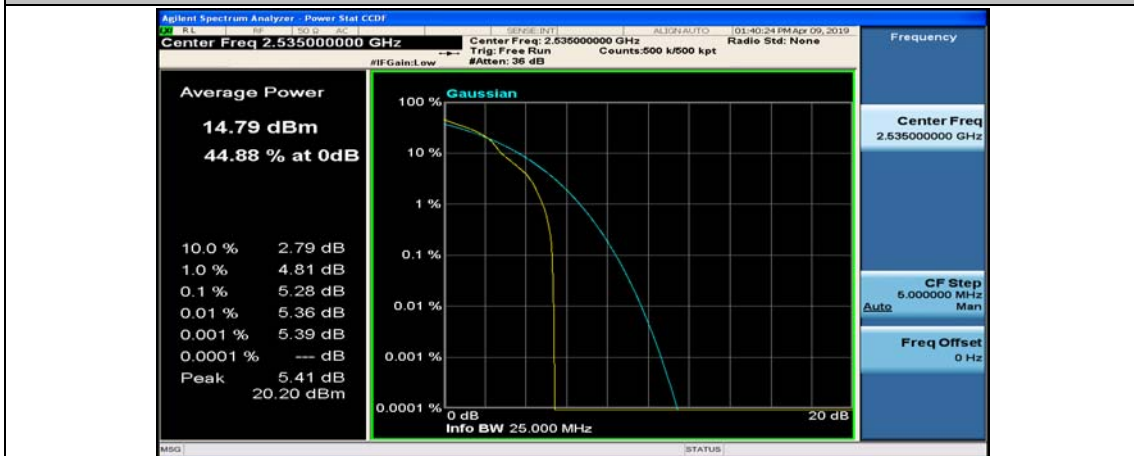
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



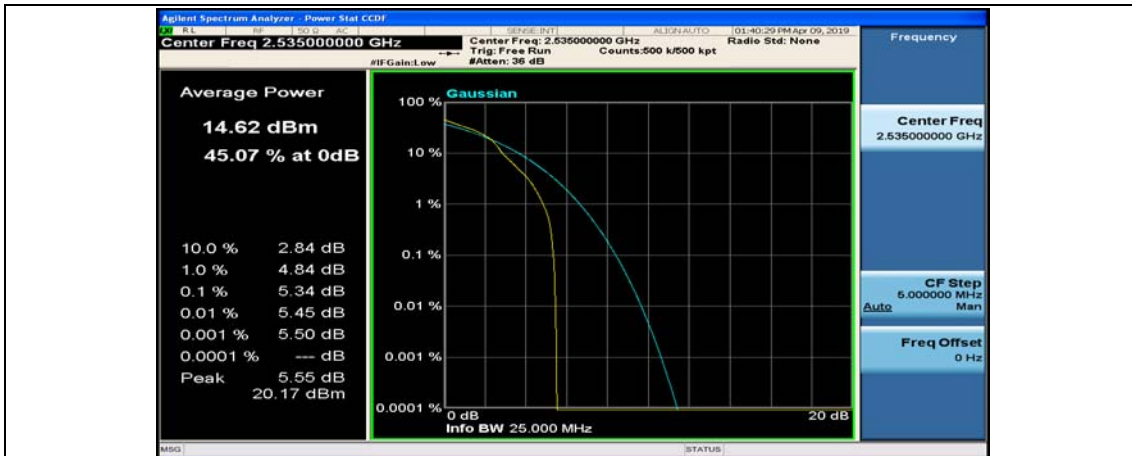
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



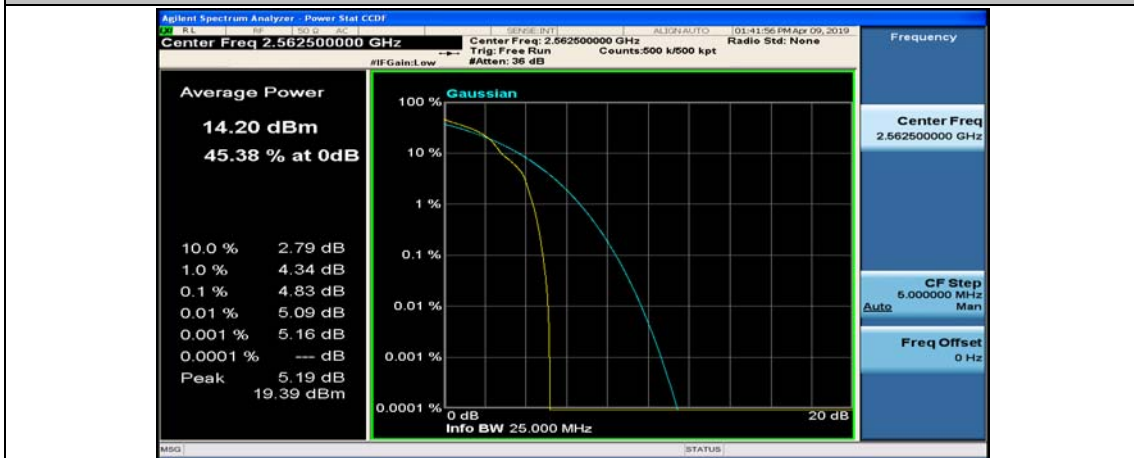
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37