

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	22.90	PASS
		1	12	23.36	PASS
		1	24	22.98	PASS
		12	0	22.00	PASS
		12	6	22.11	PASS
		12	13	22.02	PASS
		25	0	21.97	PASS
	MCH	1	0	22.93	PASS
		1	12	23.49	PASS
		1	24	23.00	PASS
		12	0	22.10	PASS
		12	6	22.17	PASS
		12	13	22.13	PASS
		25	0	22.11	PASS
	HCH	1	0	23.23	PASS
		1	12	23.59	PASS
		1	24	23.28	PASS
		12	0	22.37	PASS
		12	6	22.37	PASS
		12	13	22.27	PASS
		25	0	22.21	PASS
16QAM	LCH	1	0	22.34	PASS
		1	12	22.64	PASS
		1	24	22.30	PASS
		12	0	21.05	PASS
		12	6	21.11	PASS
		12	13	21.03	PASS
		25	0	21.03	PASS
	MCH	1	0	22.35	PASS
		1	12	22.68	PASS
		1	24	22.32	PASS
		12	0	21.15	PASS

		12	6	21.27	PASS
		12	13	21.20	PASS
		25	0	21.16	PASS
	HCH	1	0	22.44	PASS
		1	12	22.78	PASS
		1	24	22.47	PASS
		12	0	21.22	PASS
		12	6	21.31	PASS
		12	13	21.14	PASS
		25	0	21.29	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.08	PASS
		1	24	23.19	PASS
		1	49	23.01	PASS
		25	0	22.10	PASS
		25	12	22.05	PASS
		25	25	22.09	PASS
		50	0	21.97	PASS
	MCH	1	0	23.01	PASS
		1	24	23.15	PASS
		1	49	23.00	PASS
		25	0	22.08	PASS
		25	12	22.02	PASS
		25	25	22.06	PASS
		50	0	22.31	PASS
	HCH	1	0	23.37	PASS
		1	24	23.58	PASS
		1	49	23.42	PASS
		25	0	22.47	PASS
		25	12	22.46	PASS
		25	25	22.40	PASS
		50	0	22.42	PASS
16QAM	LCH	1	0	22.39	PASS
		1	24	22.51	PASS
		1	49	22.36	PASS
		25	0	21.06	PASS
		25	12	21.10	PASS
		25	25	21.11	PASS
		50	0	20.99	PASS

	MCH	1	0	22.48	PASS
		1	24	22.58	PASS
		1	49	22.45	PASS
		25	0	21.32	PASS
		25	12	21.30	PASS
		25	25	21.35	PASS
		50	0	21.36	PASS
	HCH	1	0	22.68	PASS
		1	24	22.87	PASS
		1	49	22.71	PASS
		25	0	21.48	PASS
		25	12	21.48	PASS
		25	25	21.40	PASS
		50	0	21.48	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.15	PASS
		1	37	23.19	PASS
		1	74	23.06	PASS
		37	0	22.24	PASS
		37	18	22.26	PASS
		37	38	22.25	PASS
		75	0	22.23	PASS
	MCH	1	0	23.12	PASS
		1	37	23.51	PASS
		1	74	23.16	PASS
		37	0	22.27	PASS
		37	18	22.31	PASS
		37	38	22.28	PASS
		75	0	22.29	PASS
	HCH	1	0	23.28	PASS
		1	37	23.55	PASS
		1	74	23.35	PASS
		37	0	22.47	PASS
		37	18	22.50	PASS
		37	38	22.44	PASS
		75	0	22.47	PASS
16QAM	LCH	1	0	22.51	PASS
		1	37	22.67	PASS
		1	74	22.34	PASS

		37	0	21.17	PASS
		37	18	21.22	PASS
		37	38	21.20	PASS
		75	0	21.22	PASS
	MCH	1	0	22.42	PASS
		1	37	22.75	PASS
		1	74	22.48	PASS
		37	0	21.29	PASS
		37	18	21.32	PASS
		37	38	21.26	PASS
		75	0	21.28	PASS
	HCH	1	0	22.60	PASS
		1	37	22.89	PASS
		1	74	22.61	PASS
		37	0	21.43	PASS
		37	18	21.44	PASS
		37	38	21.32	PASS
		75	0	21.40	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.66	PASS
		1	49	23.39	PASS
		1	99	23.06	PASS
		50	0	22.59	PASS
		50	25	22.56	PASS
		50	50	22.56	PASS
		100	0	22.13	PASS
	MCH	1	0	23.10	PASS
		1	49	23.45	PASS
		1	99	23.18	PASS
		50	0	22.24	PASS
		50	25	22.30	PASS
		50	50	22.19	PASS
		100	0	22.21	PASS
	HCH	1	0	23.16	PASS
		1	49	23.45	PASS
		1	99	23.23	PASS
		50	0	22.40	PASS
		50	25	22.47	PASS
		50	50	22.36	PASS

		100	0	22.36	PASS
16QAM	LCH	1	0	22.45	PASS
		1	49	22.65	PASS
		1	99	22.31	PASS
		50	0	21.15	PASS
		50	25	21.22	PASS
		50	50	21.17	PASS
		100	0	21.17	PASS
	MCH	1	0	22.50	PASS
		1	49	22.81	PASS
		1	99	22.54	PASS
		50	0	21.30	PASS
		50	25	21.39	PASS
		50	50	21.27	PASS
		100	0	21.25	PASS
	HCH	1	0	22.36	PASS
		1	49	22.72	PASS
		1	99	22.52	PASS
		50	0	21.40	PASS
		50	25	21.44	PASS
		50	50	21.37	PASS
		100	0	21.39	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	4.9	<13	PASS
		1	12	4.75	<13	PASS
		1	24	4.88	<13	PASS
		12	0	5.11	<13	PASS
		12	6	5.06	<13	PASS
		12	13	5.11	<13	PASS
		25	0	5.24	<13	PASS
	MCH	1	0	5.04	<13	PASS
		1	12	4.84	<13	PASS
		1	24	4.98	<13	PASS
		12	0	5.32	<13	PASS
		12	6	5.36	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.41	<13	PASS
	HCH	1	0	5.09	<13	PASS
		1	12	4.79	<13	PASS
		1	24	4.89	<13	PASS
		12	0	5.3	<13	PASS
		12	6	5.27	<13	PASS
		12	13	5.27	<13	PASS
		25	0	5.31	<13	PASS
16QAM	LCH	1	0	5.95	<13	PASS
		1	12	5.66	<13	PASS
		1	24	5.89	<13	PASS
		12	0	6.09	<13	PASS
		12	6	5.9	<13	PASS
		12	13	6	<13	PASS
		25	0	6.1	<13	PASS
	MCH	1	0	5.8	<13	PASS
		1	12	5.85	<13	PASS
		1	24	5.84	<13	PASS
		12	0	6.32	<13	PASS
		12	6	6.17	<13	PASS

		12	13	6.02	<13	PASS
		25	0	6.2	<13	PASS
	HCH	1	0	5.77	<13	PASS
		1	12	5.56	<13	PASS
		1	24	5.8	<13	PASS
		12	0	6.07	<13	PASS
		12	6	6.21	<13	PASS
		12	13	6.18	<13	PASS
		25	0	6.05	<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	4.87	<13	PASS
		1	24	4.81	<13	PASS
		1	49	5	<13	PASS
		25	0	5.23	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.32	<13	PASS
		50	0	5.3	<13	PASS
	MCH	1	0	4.93	<13	PASS
		1	24	4.75	<13	PASS
		1	49	4.81	<13	PASS
		25	0	5.36	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.44	<13	PASS
		50	0	5.42	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	24	4.62	<13	PASS
		1	49	4.68	<13	PASS
		25	0	5.23	<13	PASS
		25	12	5.2	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.24	<13	PASS
16QAM	LCH	1	0	5.76	<13	PASS
		1	24	5.75	<13	PASS
		1	49	5.98	<13	PASS
		25	0	6.12	<13	PASS
		25	12	6.09	<13	PASS
		25	25	6.2	<13	PASS

	MCH	50	0	6.06	<13	PASS
		1	0	5.69	<13	PASS
		1	24	5.7	<13	PASS
		1	49	5.85	<13	PASS
		25	0	6.26	<13	PASS
		25	12	6.29	<13	PASS
		25	25	6.2	<13	PASS
		50	0	6.13	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	24	5.82	<13	PASS
		1	49	5.88	<13	PASS
		25	0	6.03	<13	PASS
		25	12	6.13	<13	PASS
		25	25	6.17	<13	PASS
		50	0	6.11	<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	4.78	<13	PASS
		1	37	4.87	<13	PASS
		1	74	5.2	<13	PASS
		37	0	5.24	<13	PASS
		37	18	5.25	<13	PASS
		37	38	5.3	<13	PASS
		75	0	5.65	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	37	4.87	<13	PASS
		1	74	5.08	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.36	<13	PASS
		37	38	5.33	<13	PASS
		75	0	5.72	<13	PASS
	HCH	1	0	4.8	<13	PASS
		1	37	4.73	<13	PASS
		1	74	4.75	<13	PASS
		37	0	5.22	<13	PASS
		37	18	5.2	<13	PASS
		37	38	5.25	<13	PASS
		75	0	5.63	<13	PASS

16QAM	LCH	1	0	5.65	<13	PASS
		1	37	5.82	<13	PASS
		1	74	5.92	<13	PASS
		37	0	6.09	<13	PASS
		37	18	6.12	<13	PASS
		37	38	6.16	<13	PASS
		75	0	6.27	<13	PASS
	MCH	1	0	6.16	<13	PASS
		1	37	5.88	<13	PASS
		1	74	6.06	<13	PASS
		37	0	6.24	<13	PASS
		37	18	6.2	<13	PASS
		37	38	6.27	<13	PASS
		75	0	6.28	<13	PASS
	HCH	1	0	5.84	<13	PASS
		1	37	5.67	<13	PASS
		1	74	5.96	<13	PASS
		37	0	6.06	<13	PASS
		37	18	6.06	<13	PASS
		37	38	5.95	<13	PASS
		75	0	6.14	<13	PASS

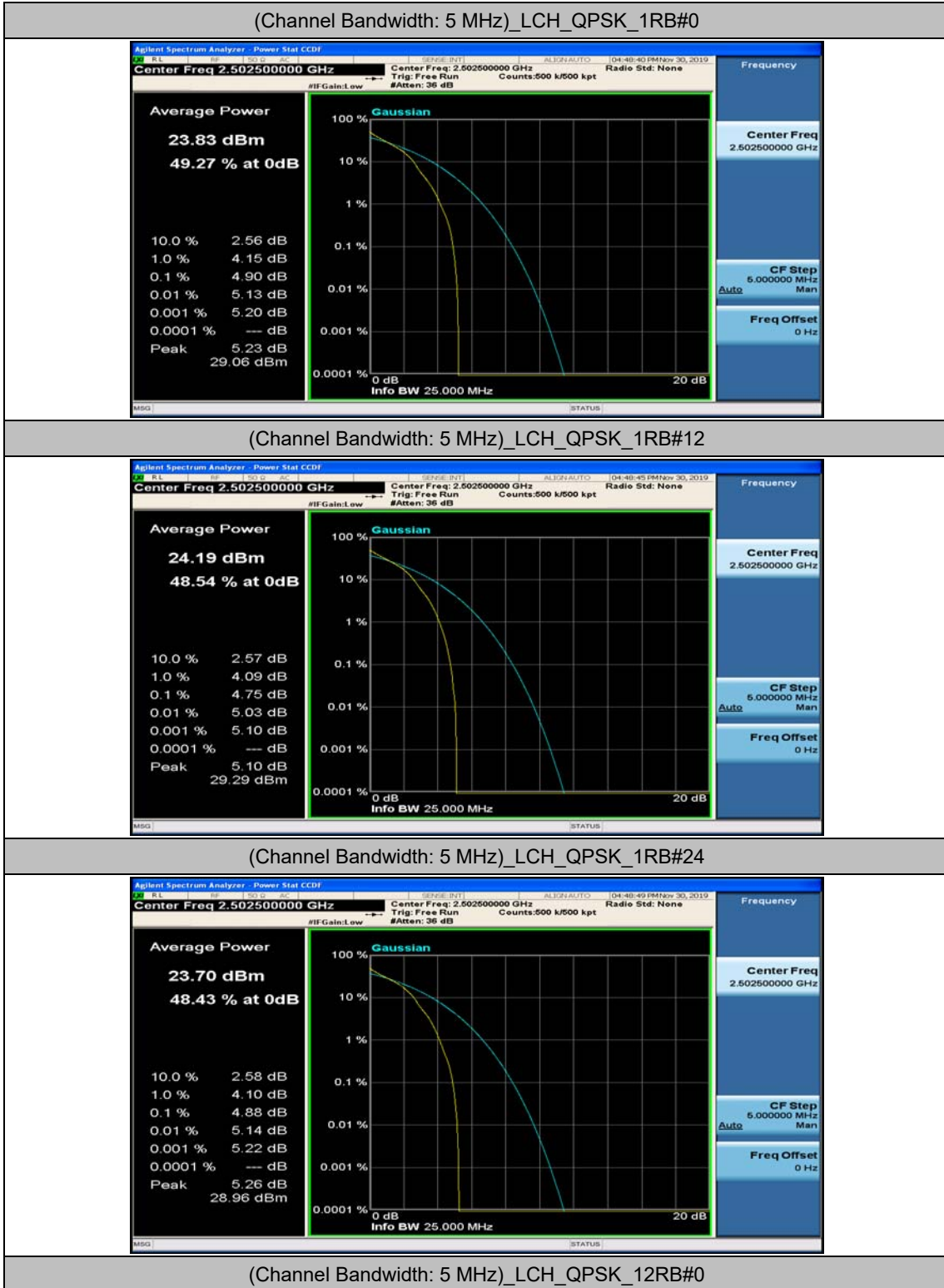
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.61	<13	PASS
		1	49	4.88	<13	PASS
		1	99	4.92	<13	PASS
		50	0	5.29	<13	PASS
		50	25	5.32	<13	PASS
		50	50	5.35	<13	PASS
		100	0	5.47	<13	PASS
	MCH	1	0	5.16	<13	PASS
		1	49	4.86	<13	PASS
		1	99	5.22	<13	PASS
		50	0	5.4	<13	PASS
		50	25	5.42	<13	PASS
		50	50	5.42	<13	PASS
		100	0	5.5	<13	PASS
	HCH	1	0	5.16	<13	PASS

		1	49	4.66	<13	PASS
		1	99	4.9	<13	PASS
		50	0	5.29	<13	PASS
		50	25	5.19	<13	PASS
		50	50	5.28	<13	PASS
		100	0	5.43	<13	PASS
16QAM	LCH	1	0	5.7	<13	PASS
		1	49	5.53	<13	PASS
		1	99	6.2	<13	PASS
		50	0	6.13	<13	PASS
		50	25	6.16	<13	PASS
		50	50	6.21	<13	PASS
		100	0	6.22	<13	PASS
	MCH	1	0	6.02	<13	PASS
		1	49	5.82	<13	PASS
		1	99	6.04	<13	PASS
		50	0	6.22	<13	PASS
		50	25	6.2	<13	PASS
		50	50	6.19	<13	PASS
		100	0	6.22	<13	PASS
	HCH	1	0	6.19	<13	PASS
		1	49	5.67	<13	PASS
		1	99	5.99	<13	PASS
		50	0	6.08	<13	PASS
		50	25	6.06	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.18	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

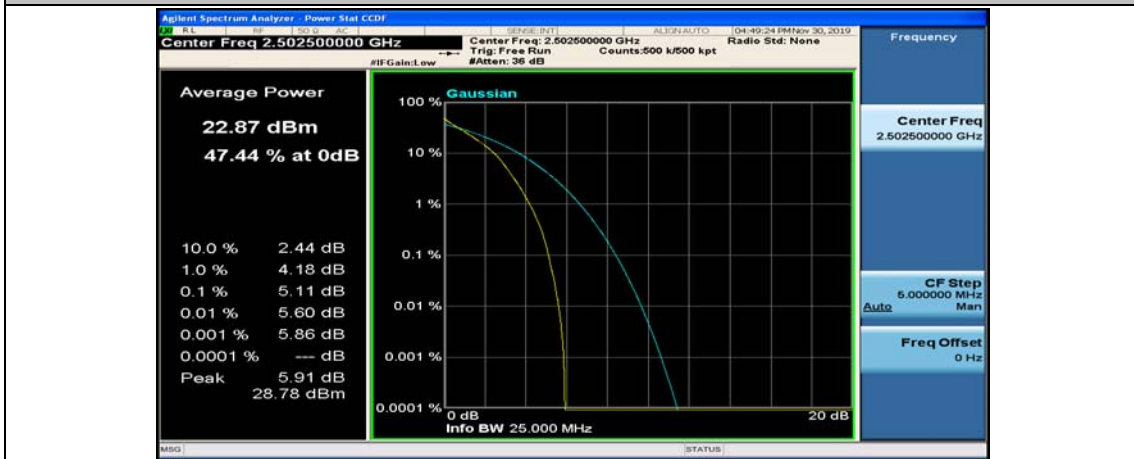




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



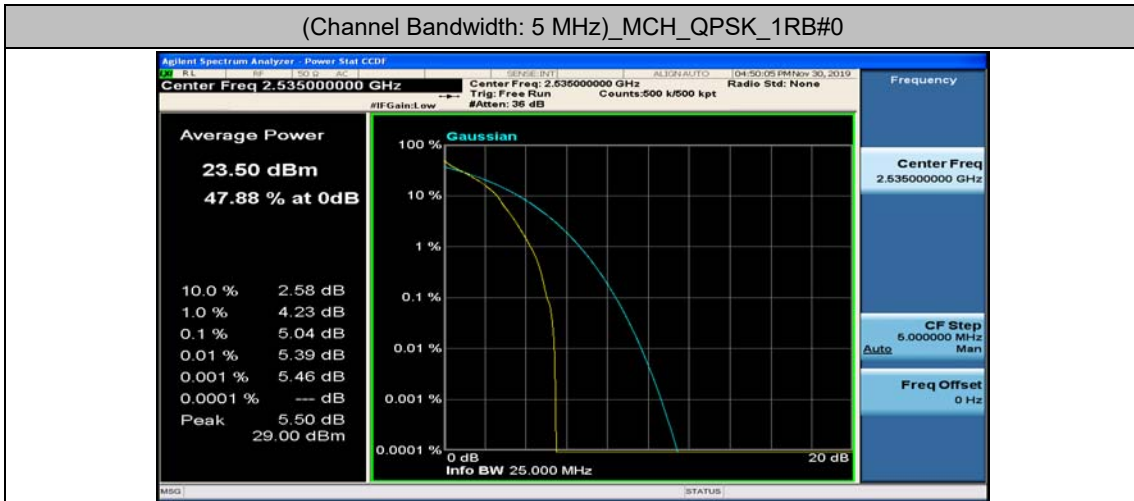
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



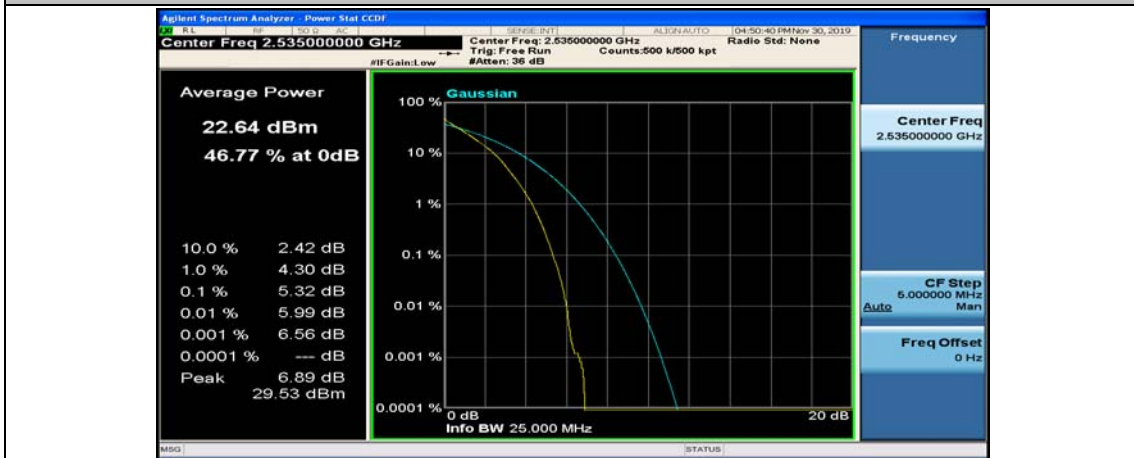
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



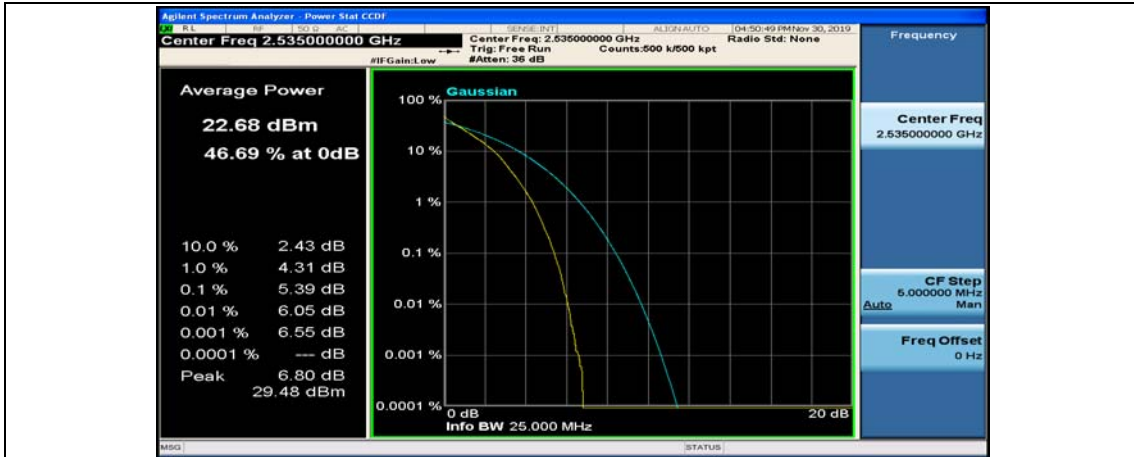
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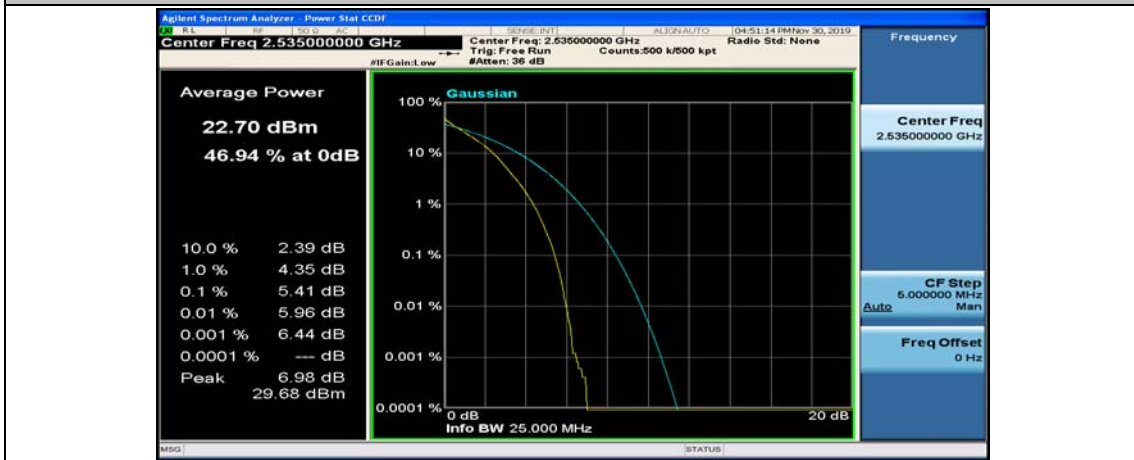
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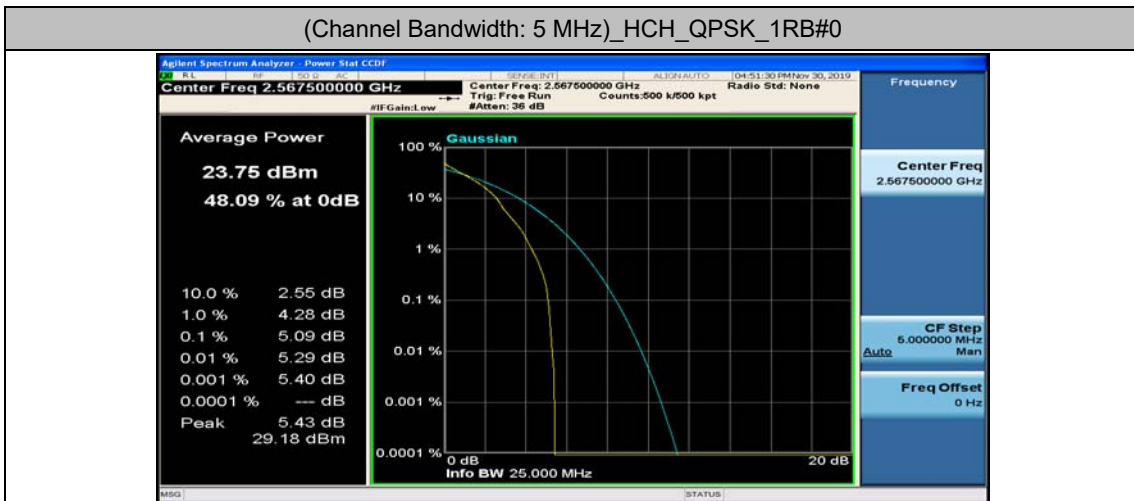
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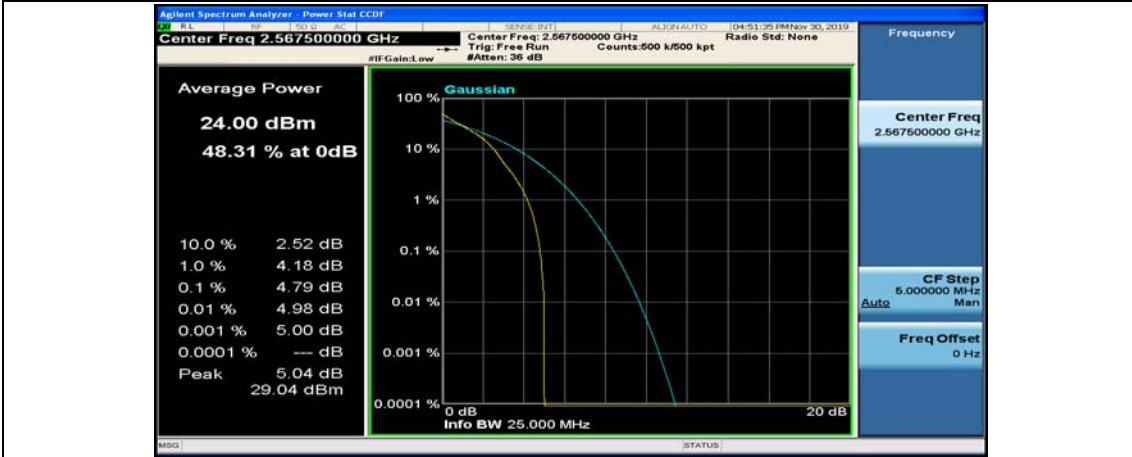
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



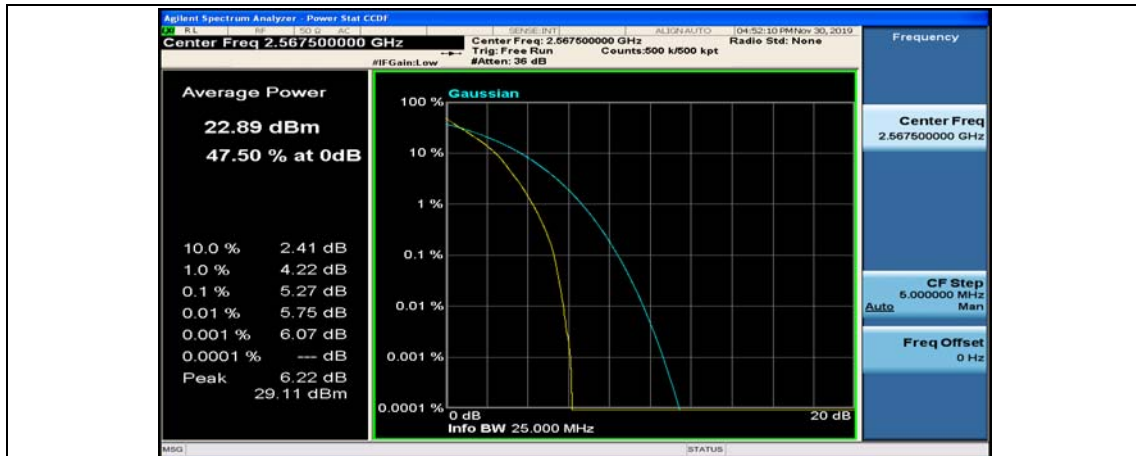
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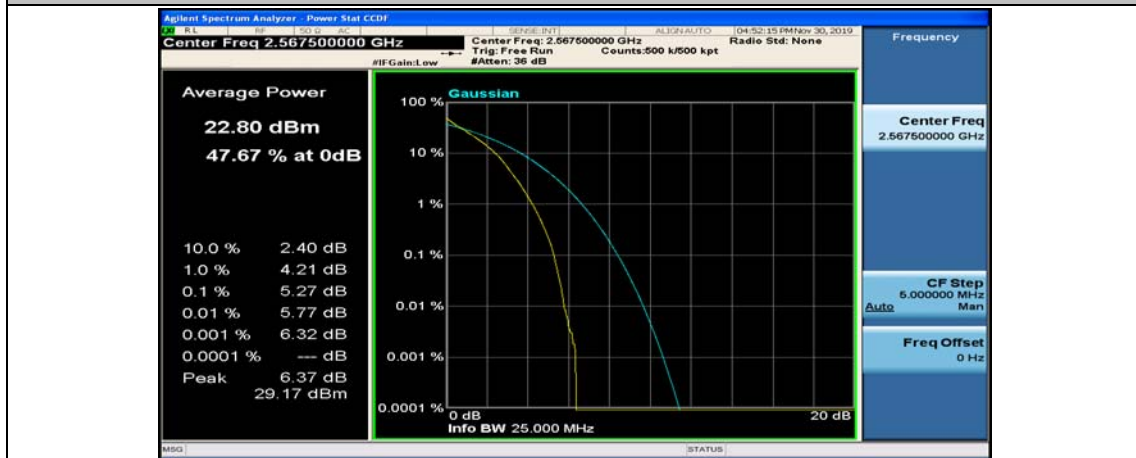
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



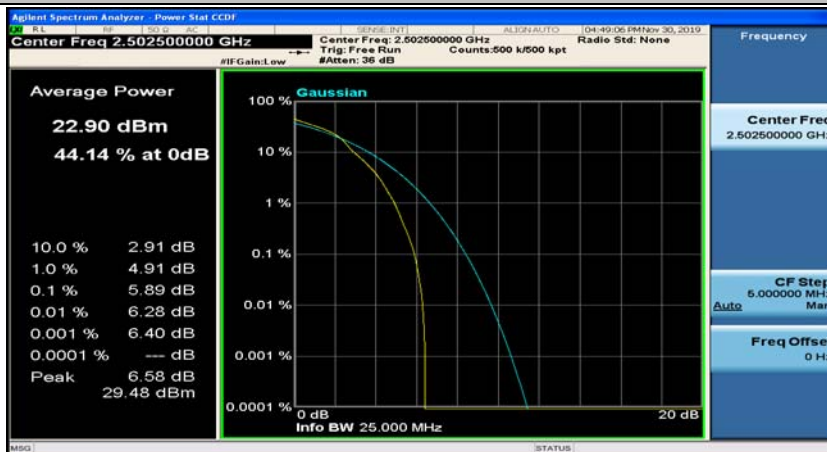
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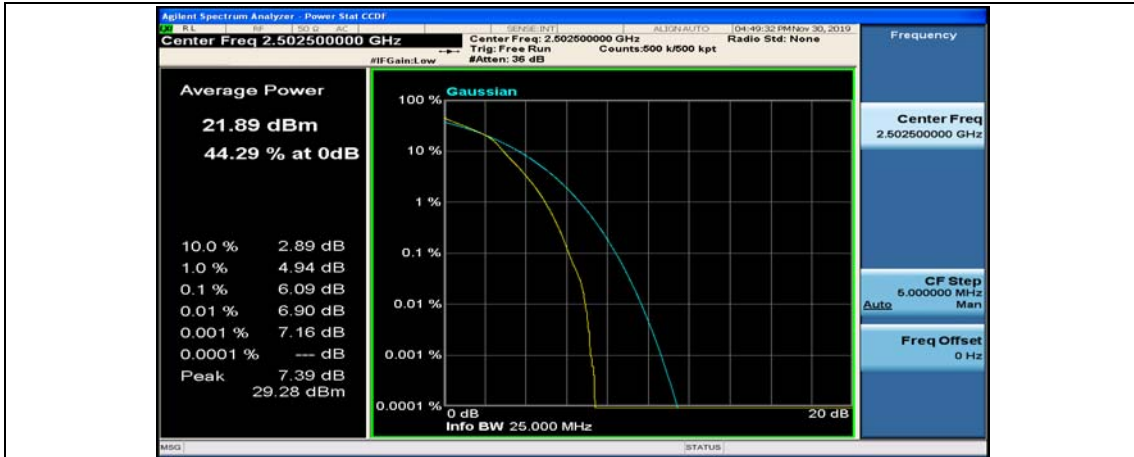
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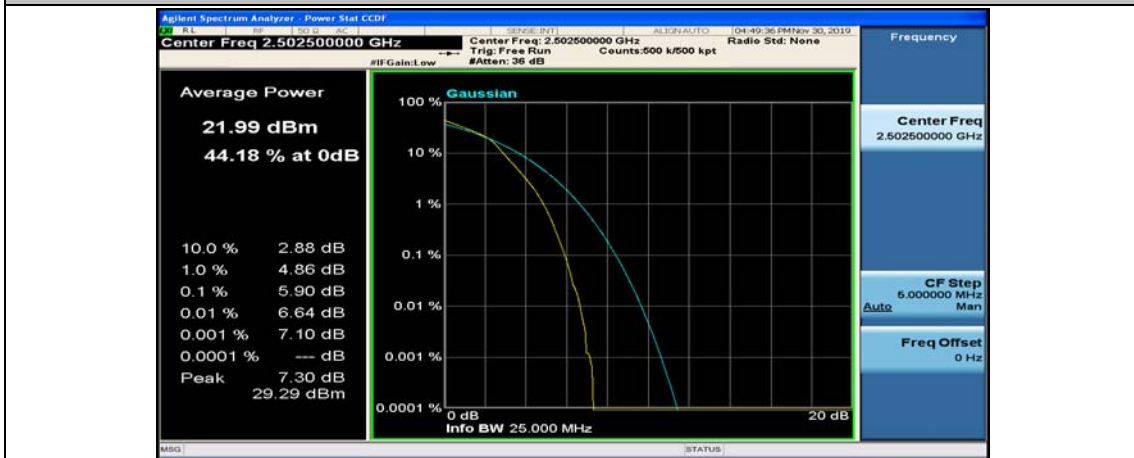
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



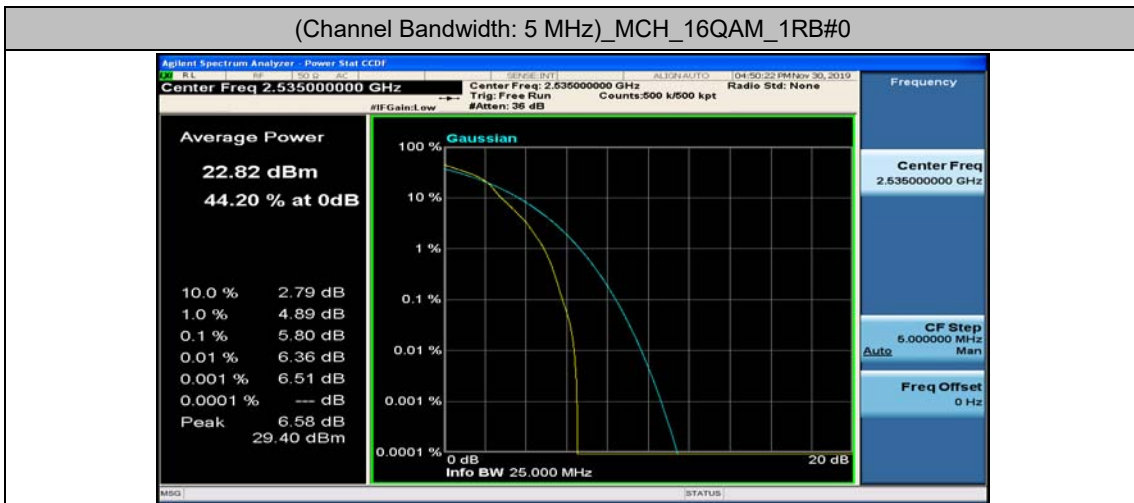
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



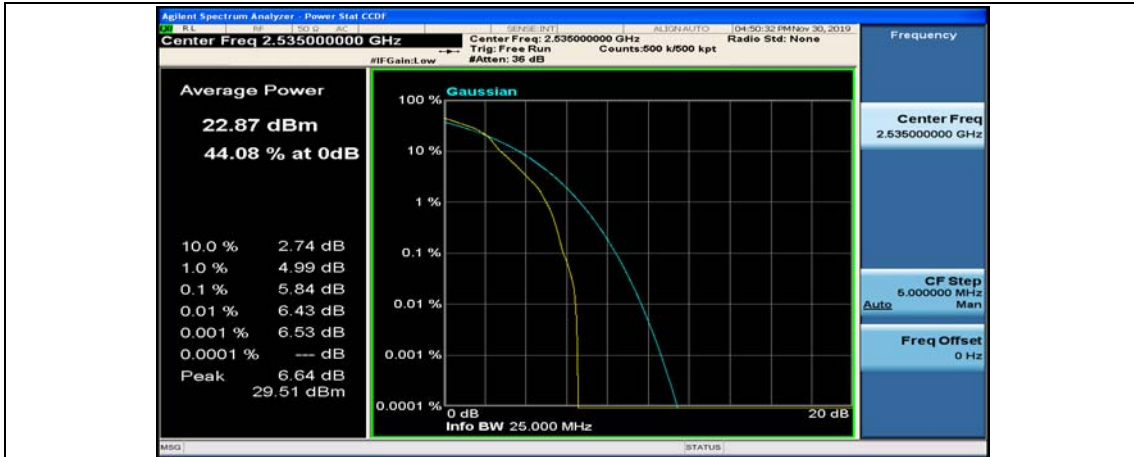
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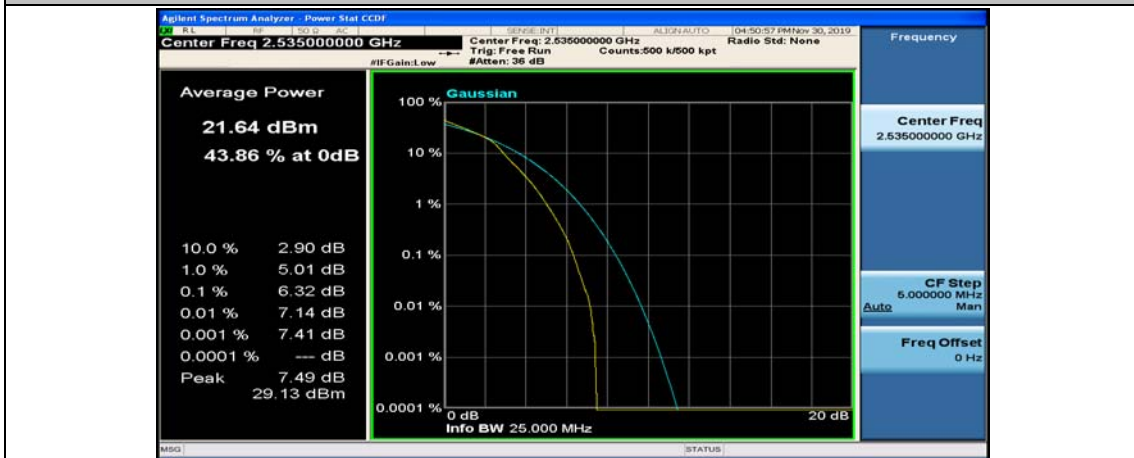
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



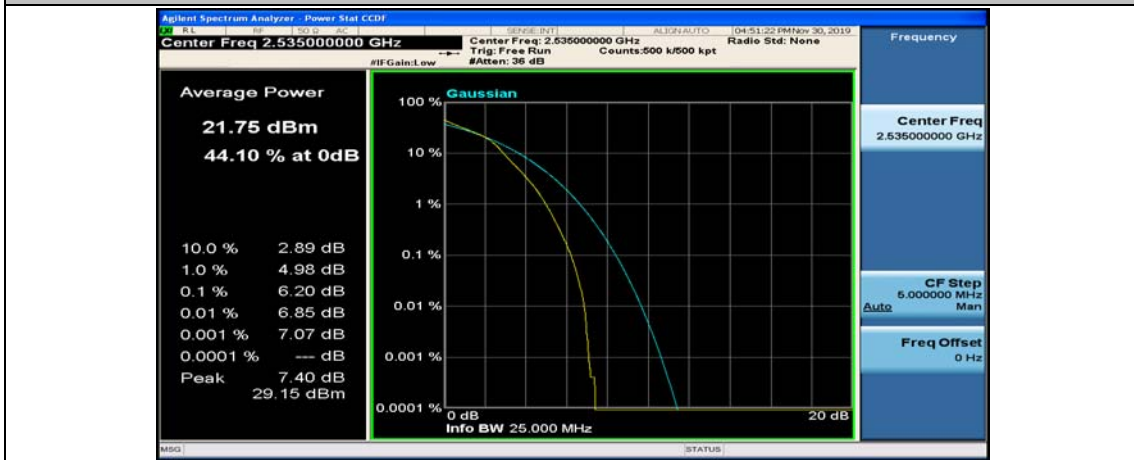
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



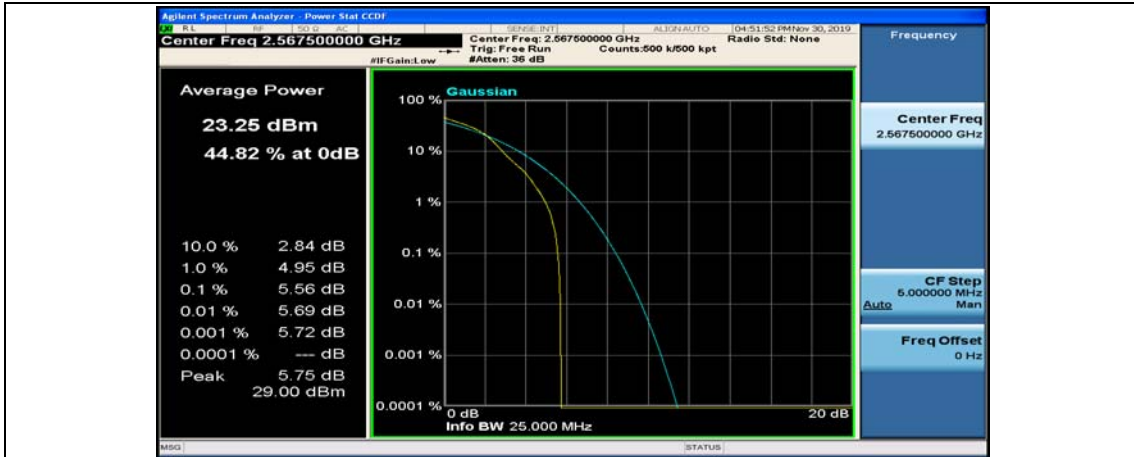
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



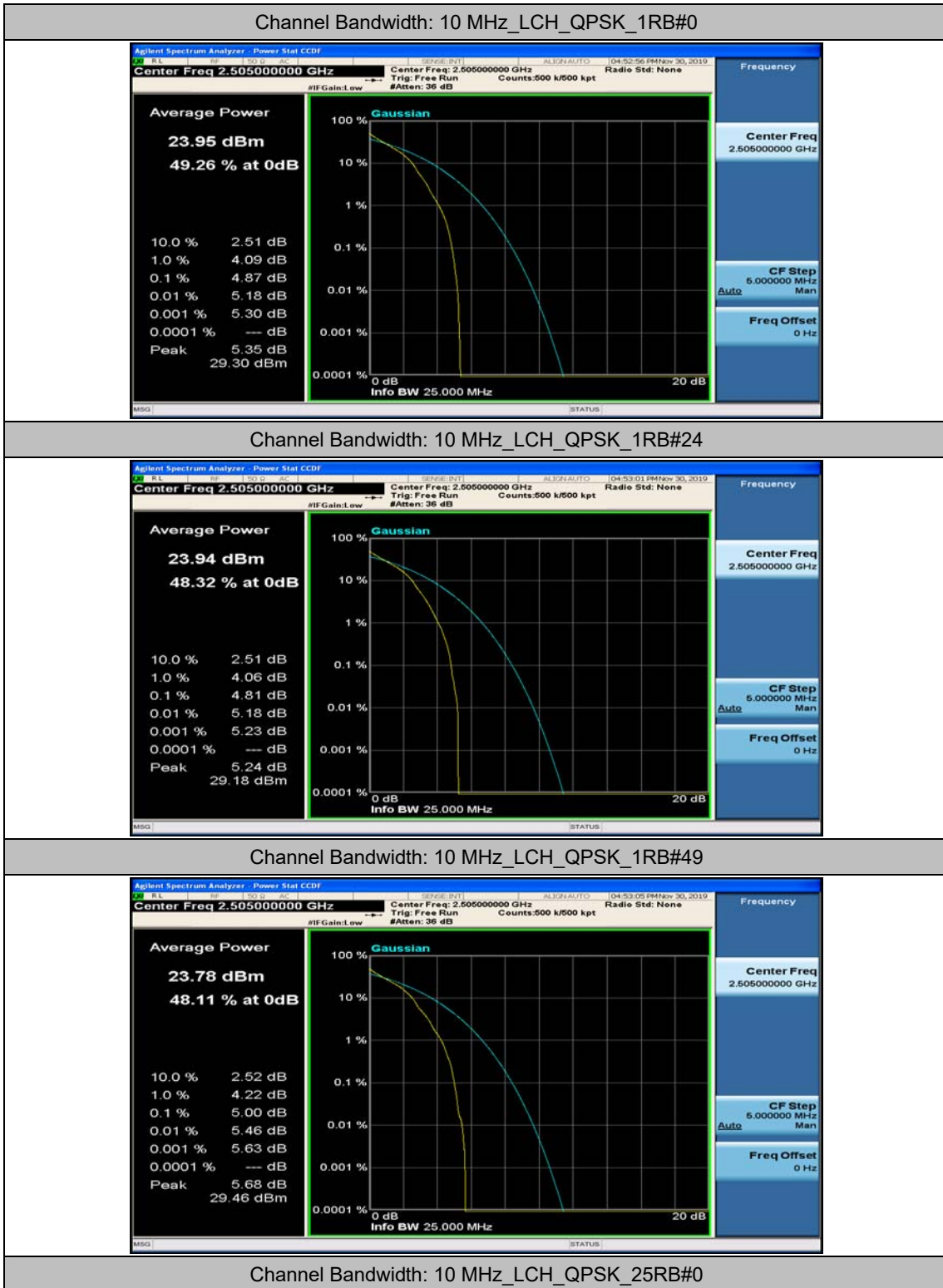
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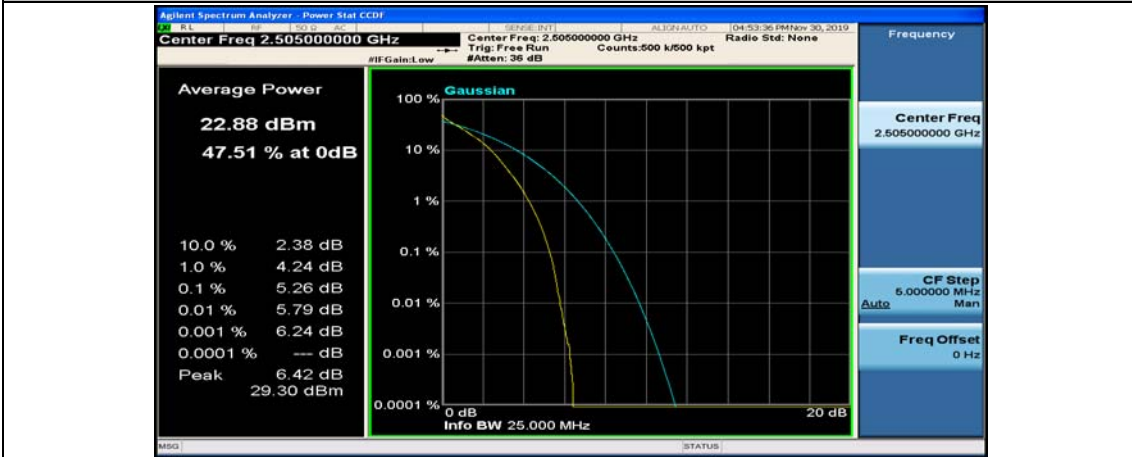


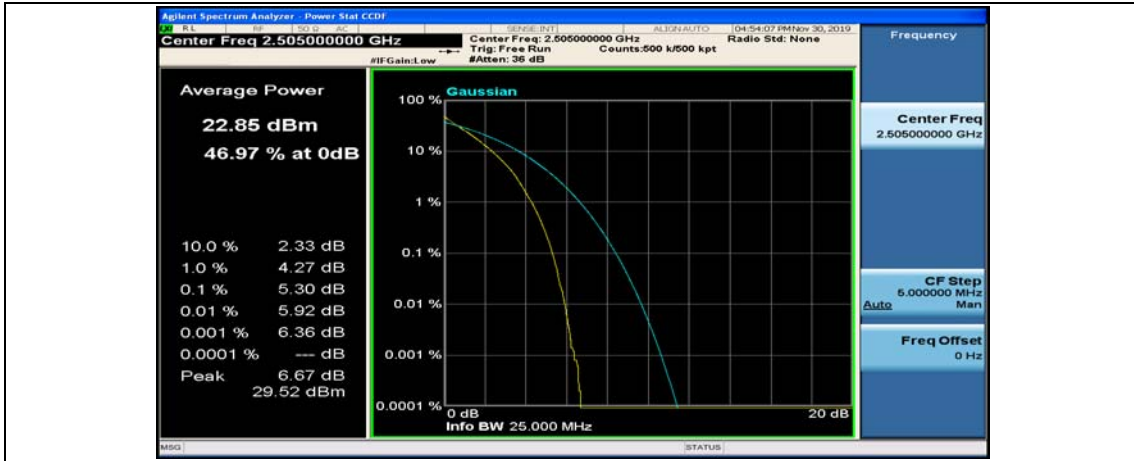
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



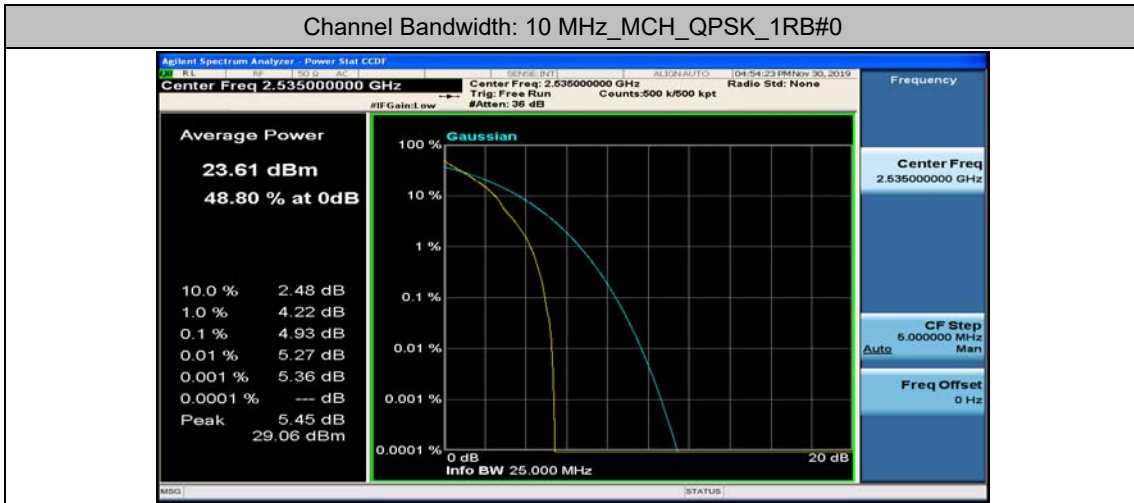
Channel Bandwidth: 10 MHz







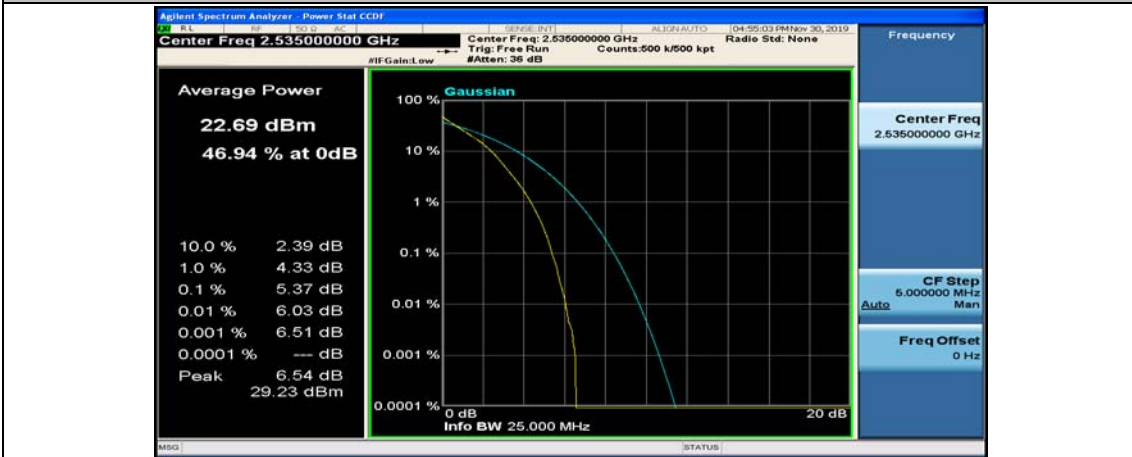
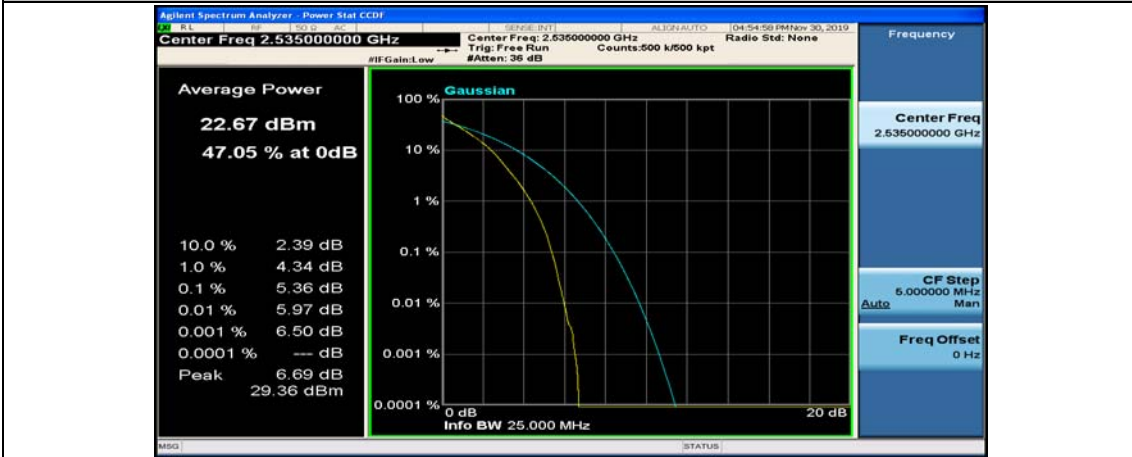
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

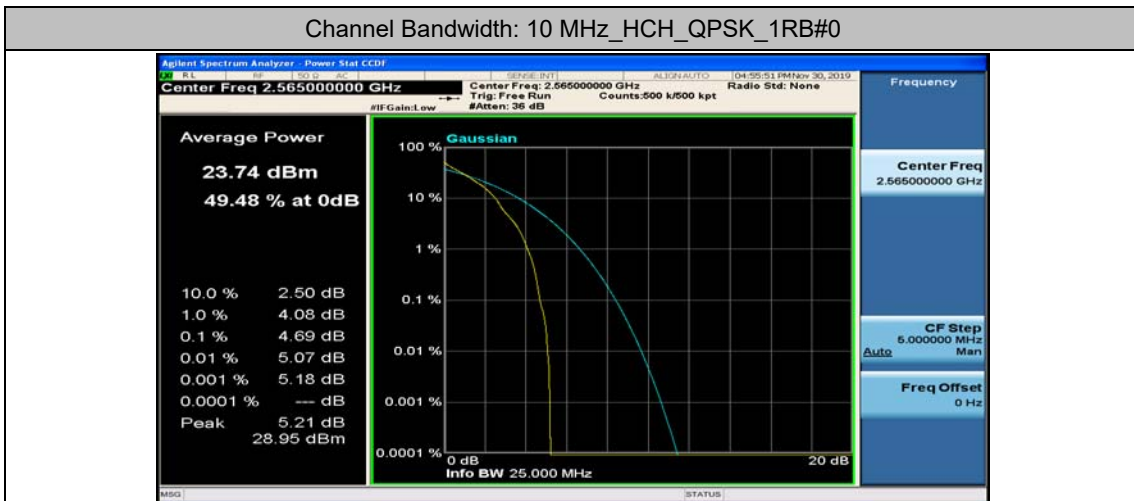




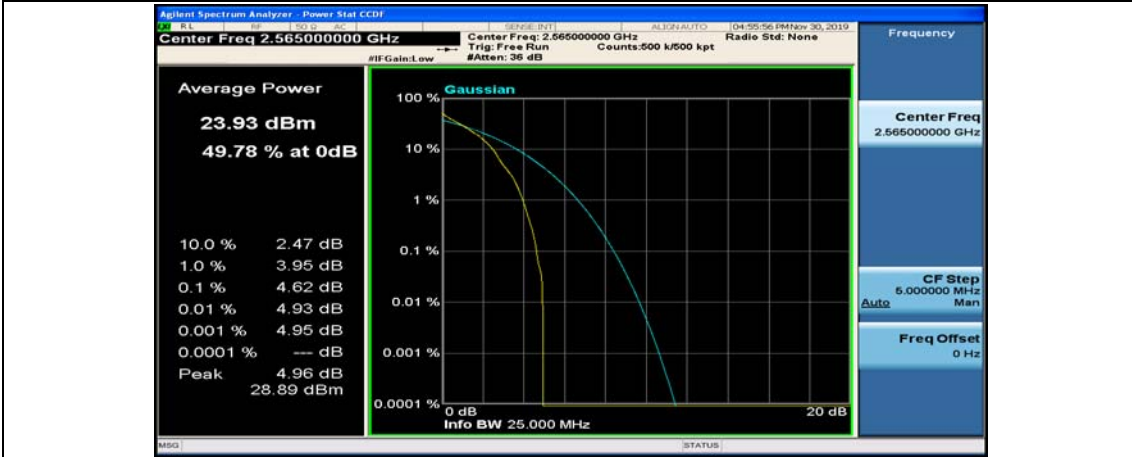
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



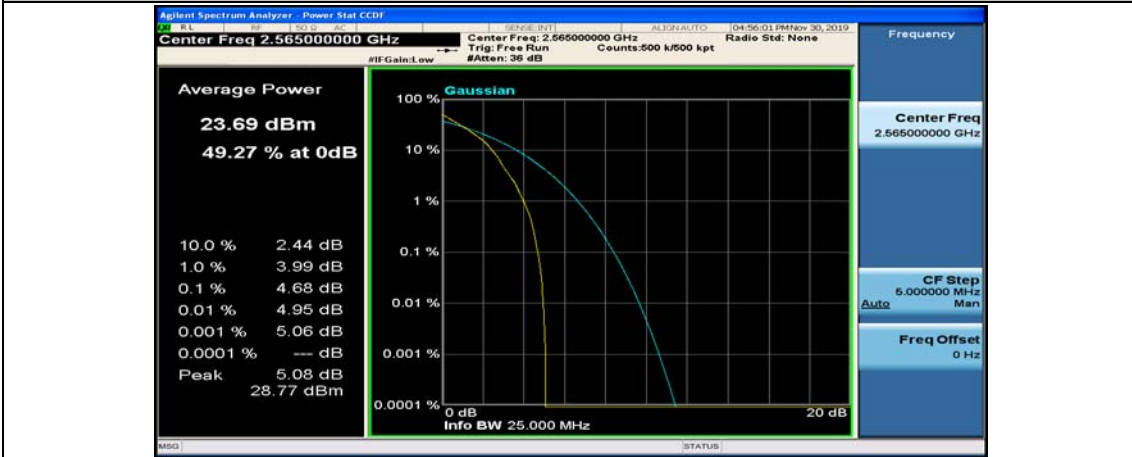
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



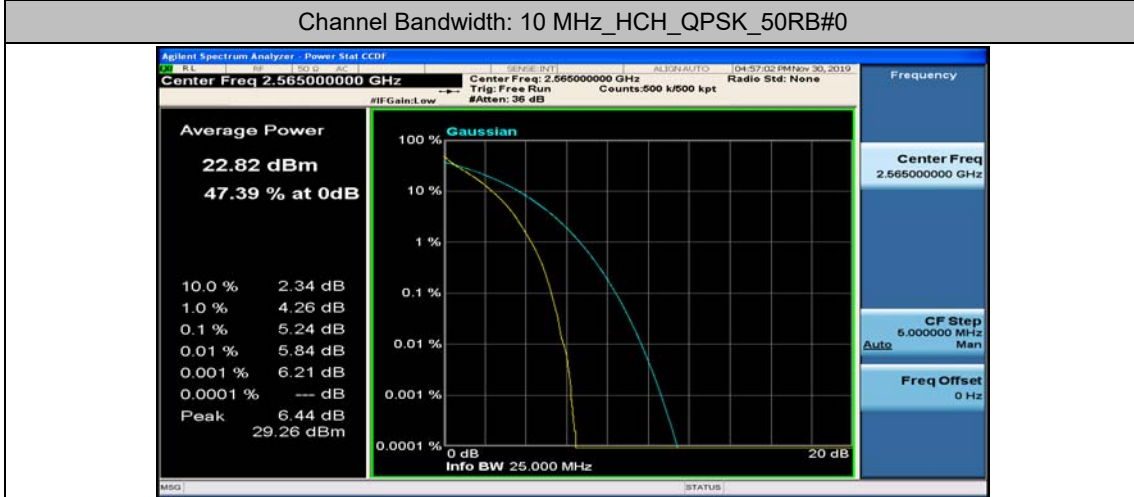
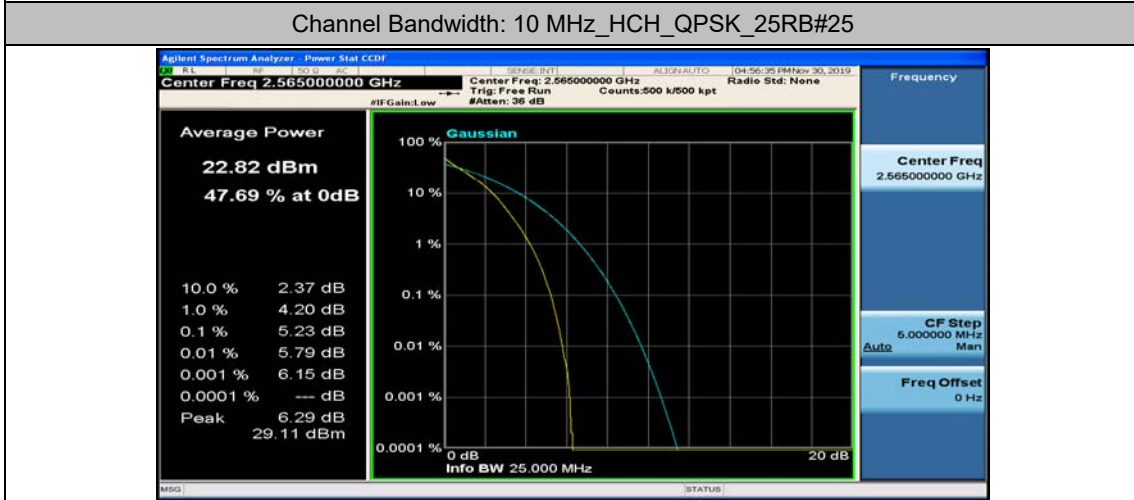
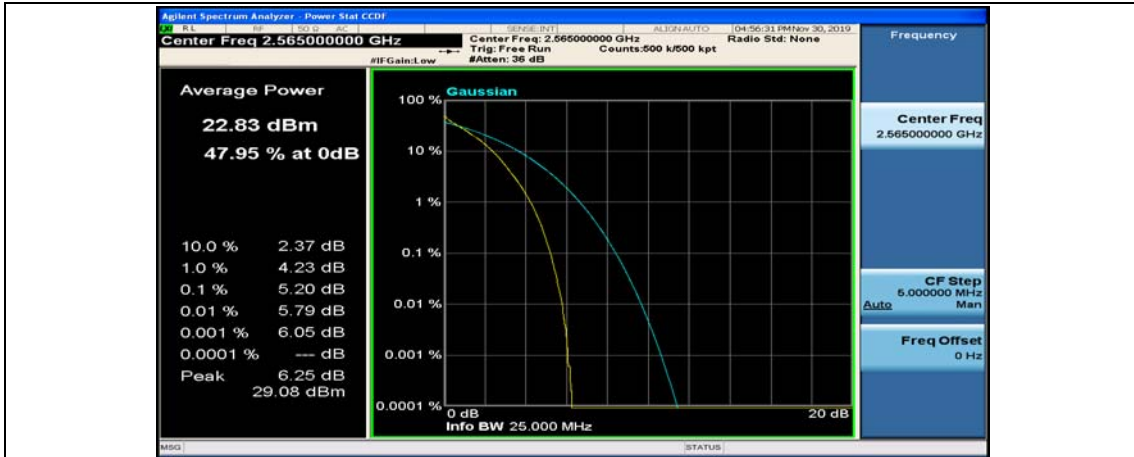
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



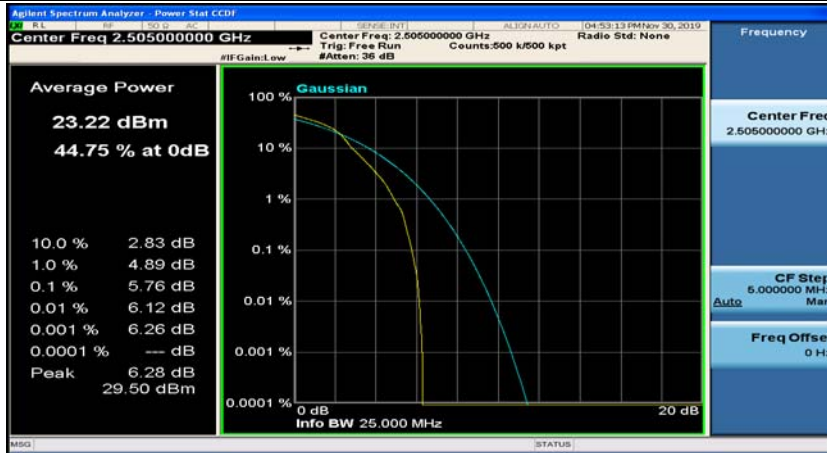
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



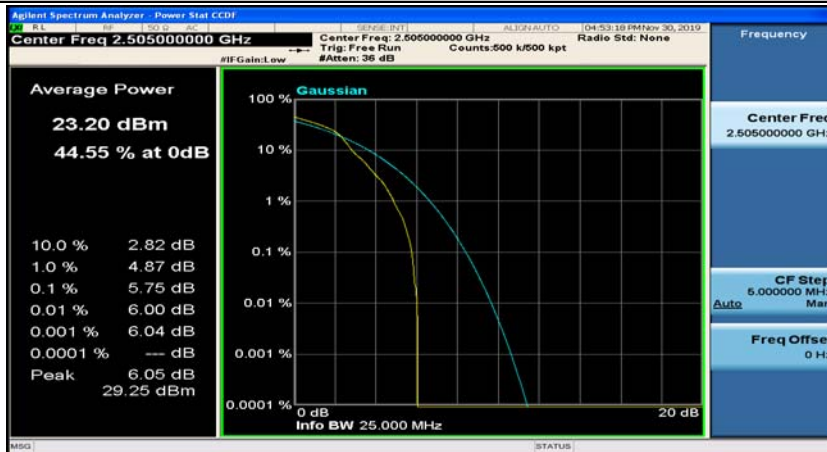
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



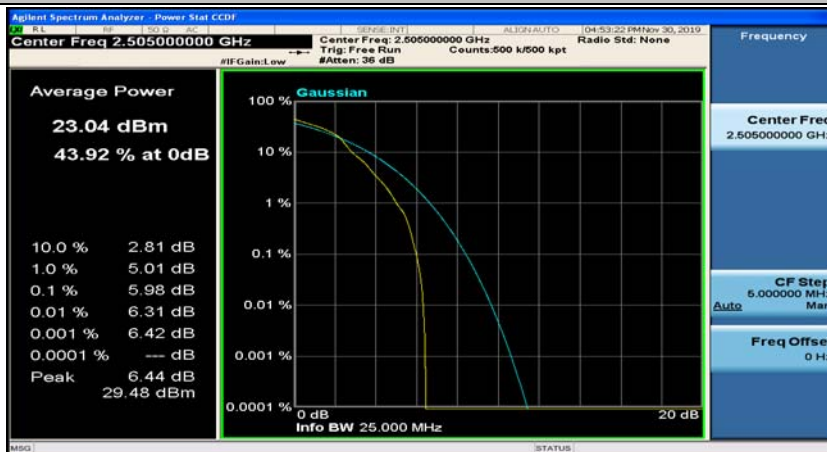
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

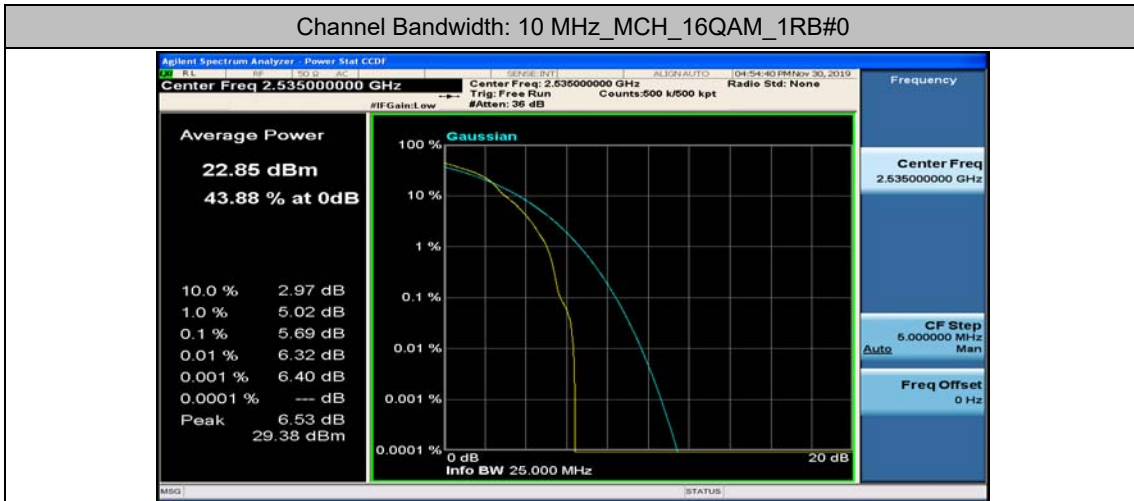


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

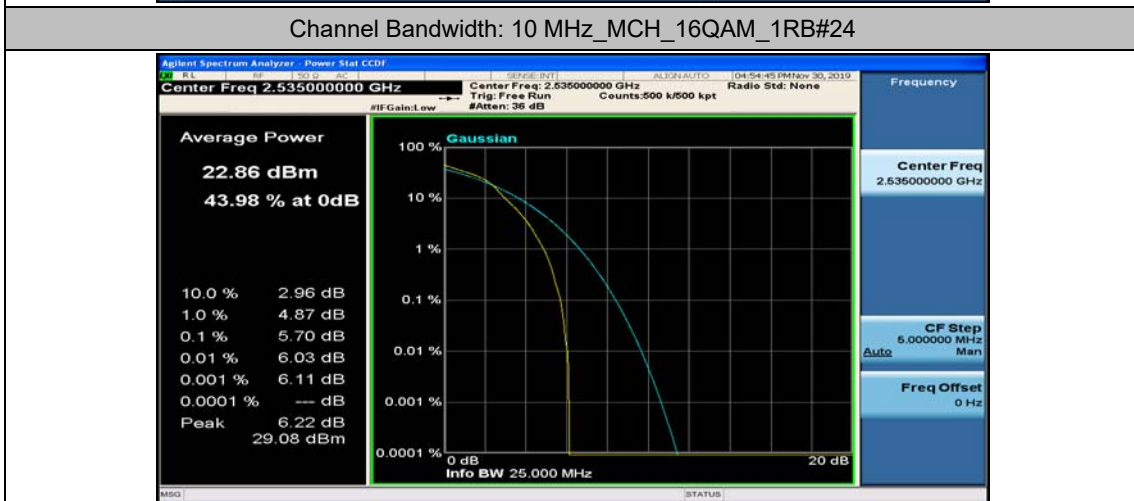




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



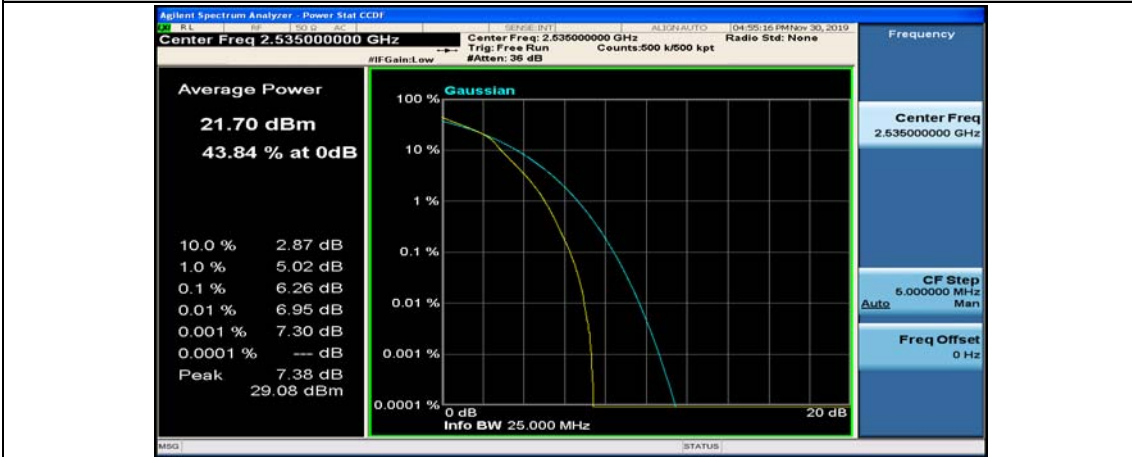
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



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

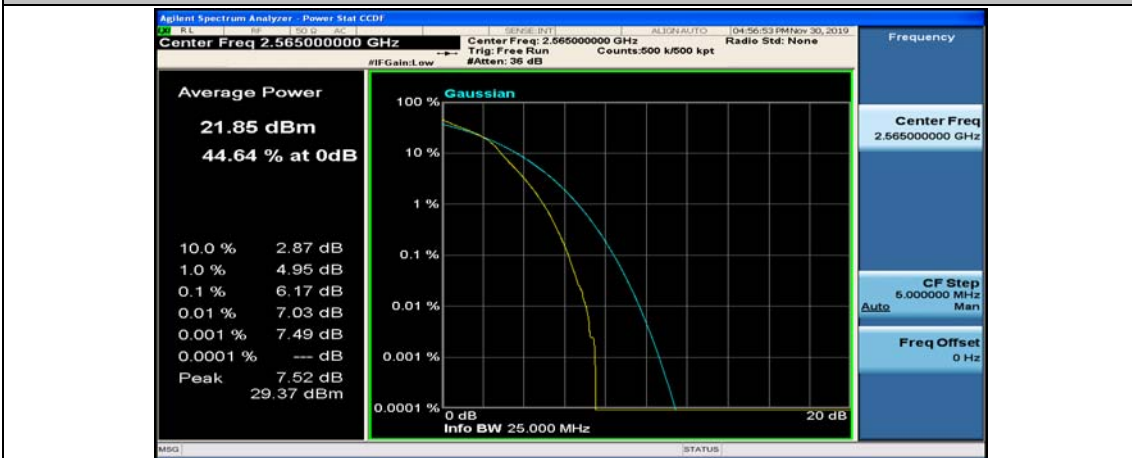
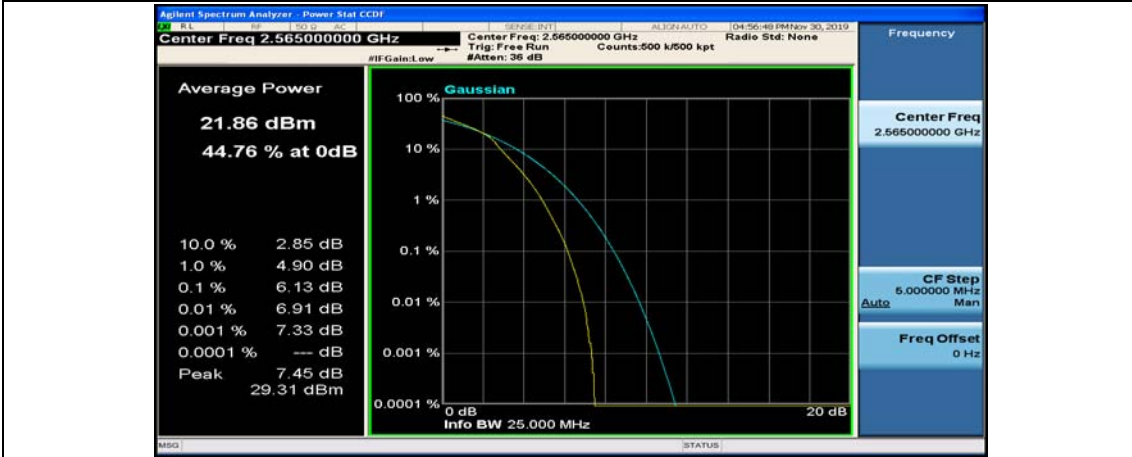


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

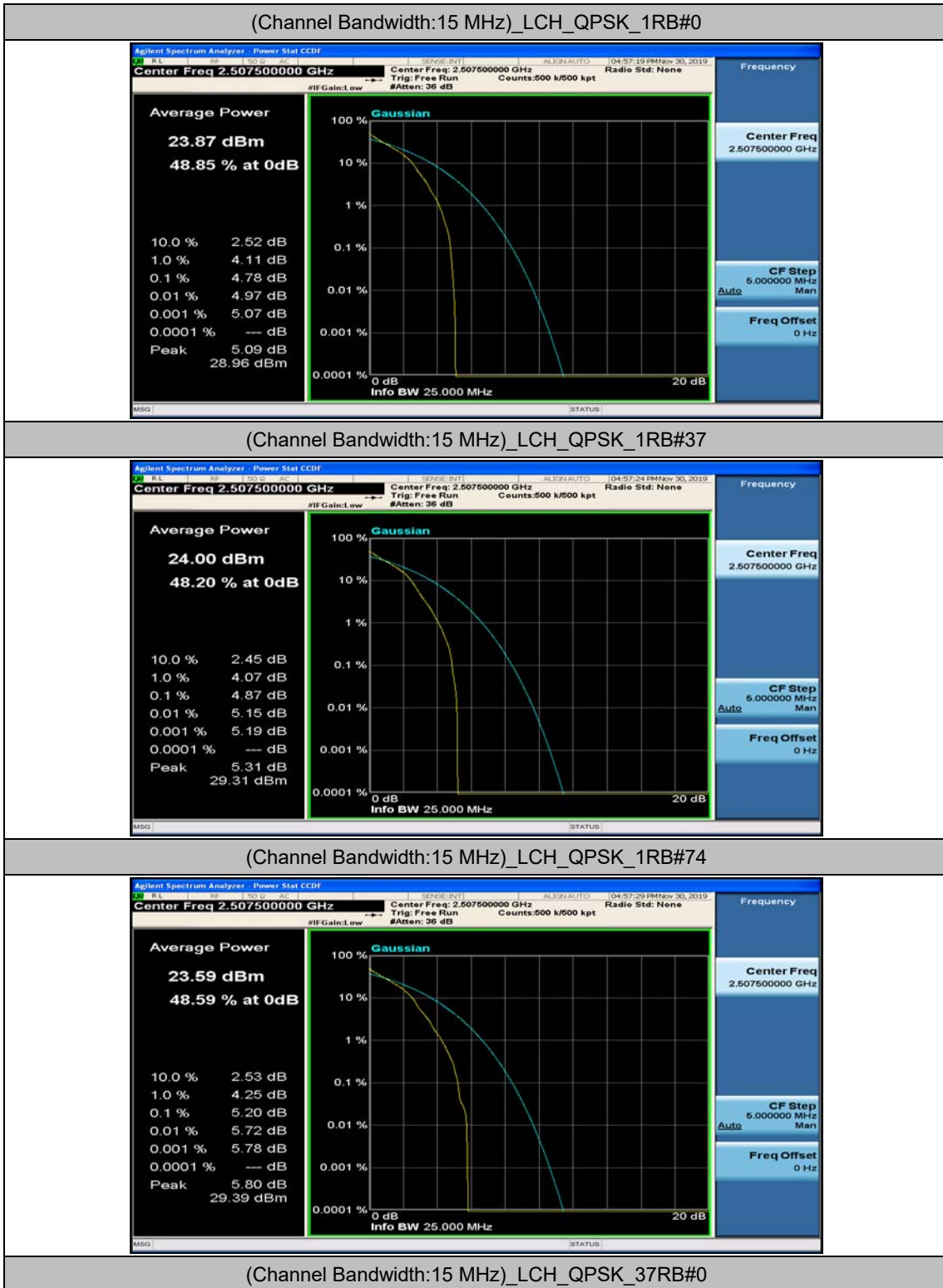


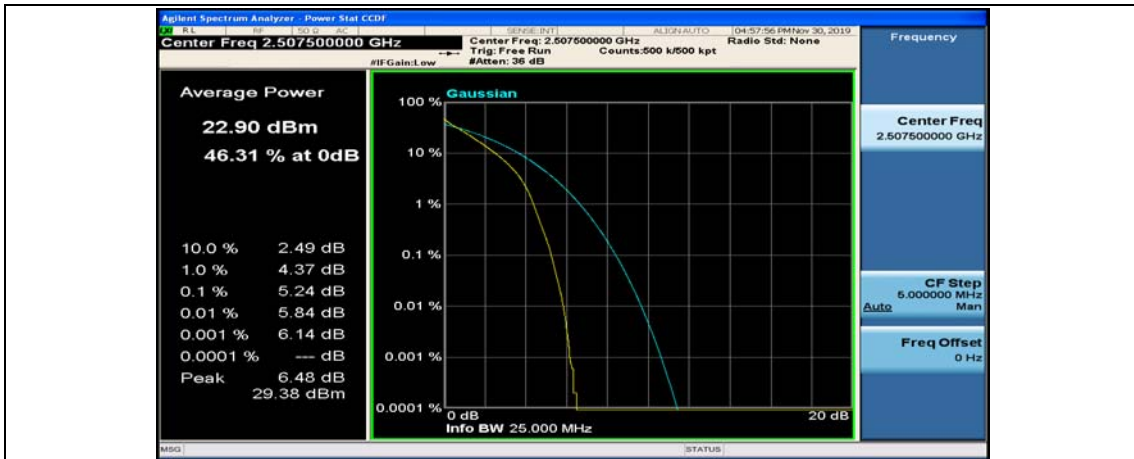
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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



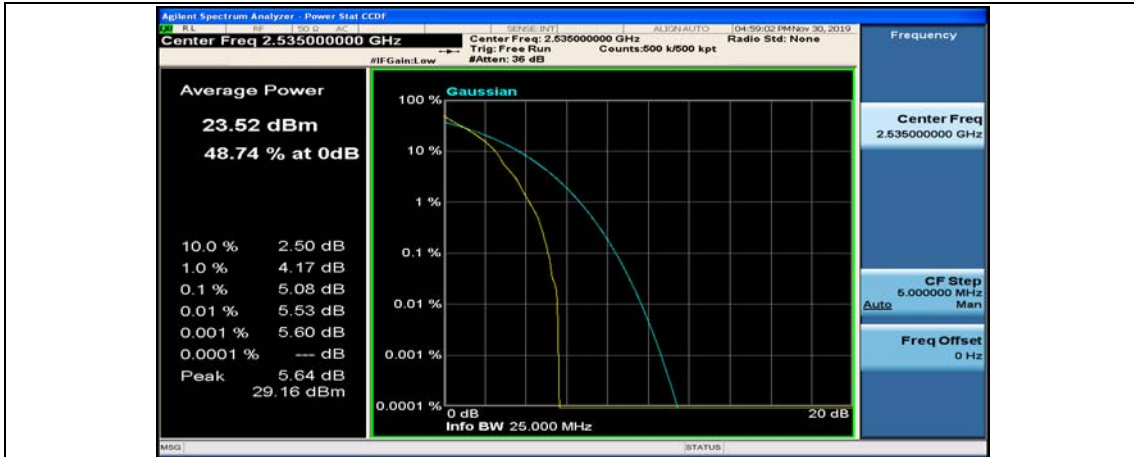
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



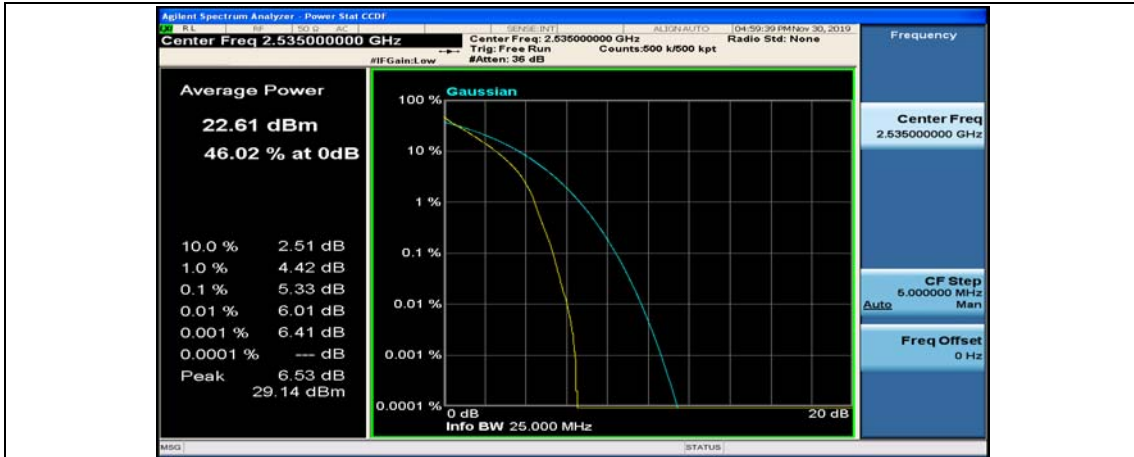
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



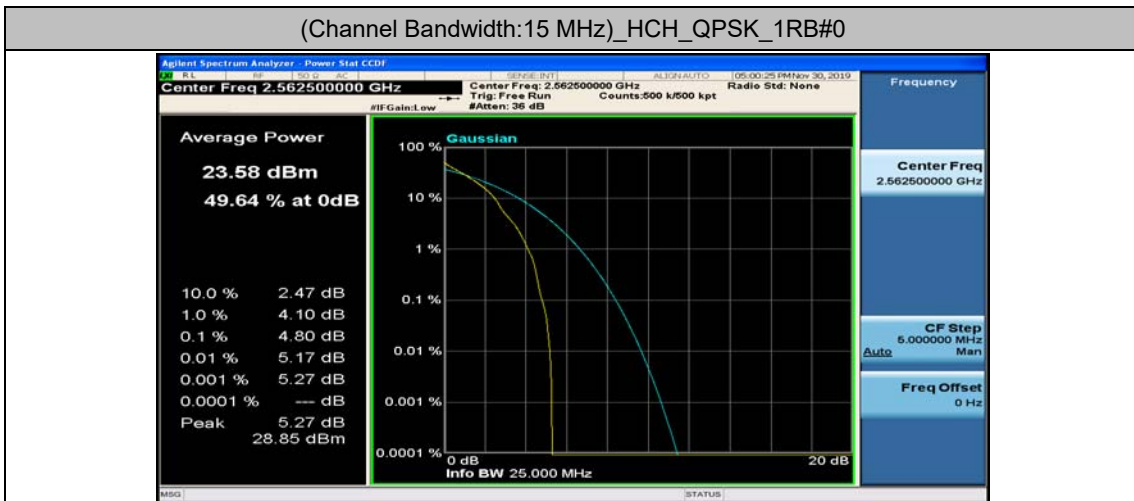
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(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



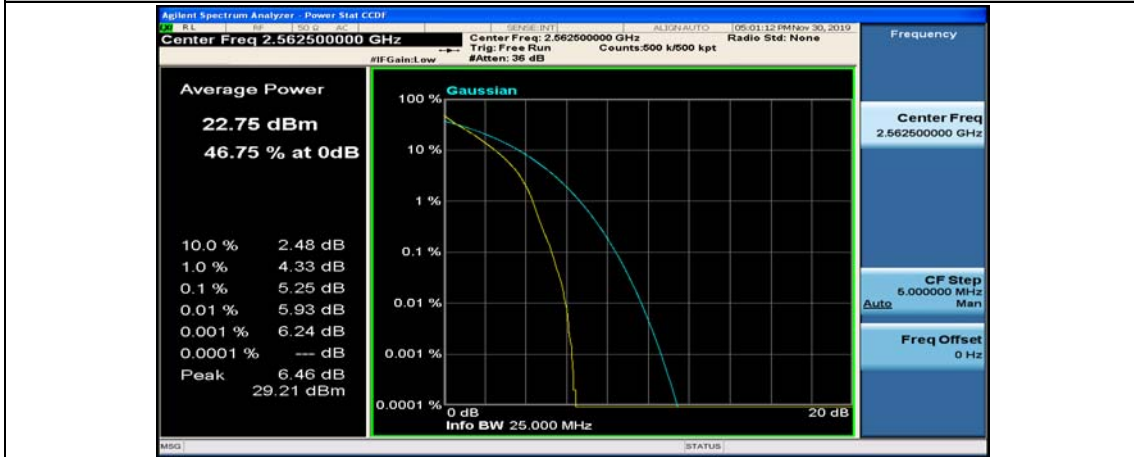
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



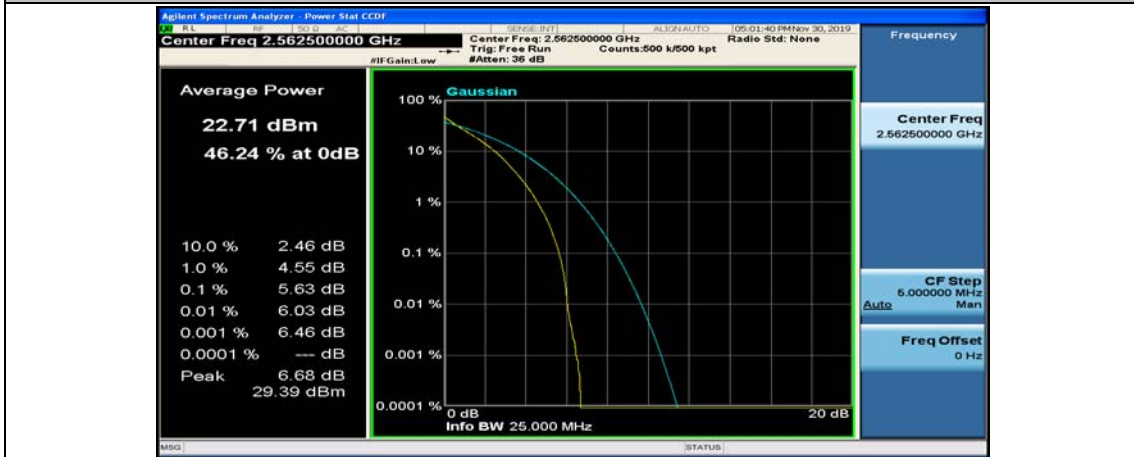
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



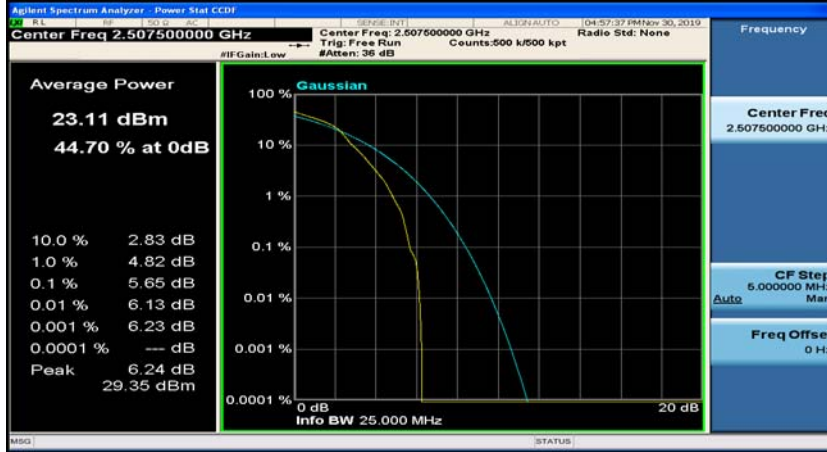
(Channel Bandwidth: 15 MHz)_HCH_QPSK_37RB#38



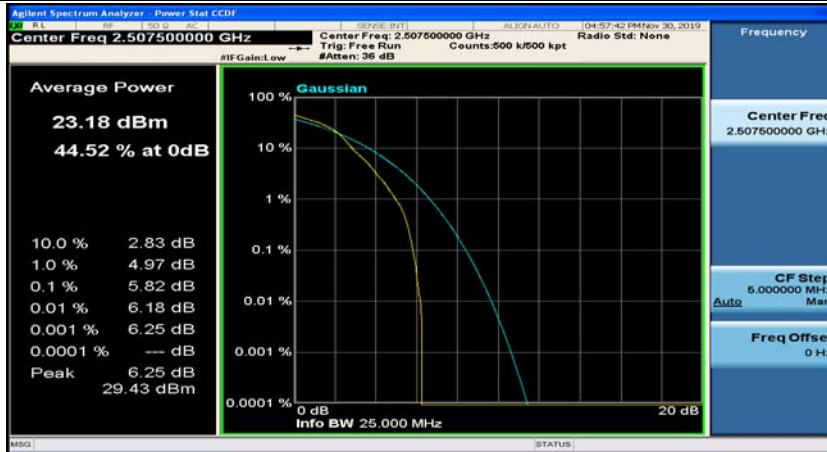
(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



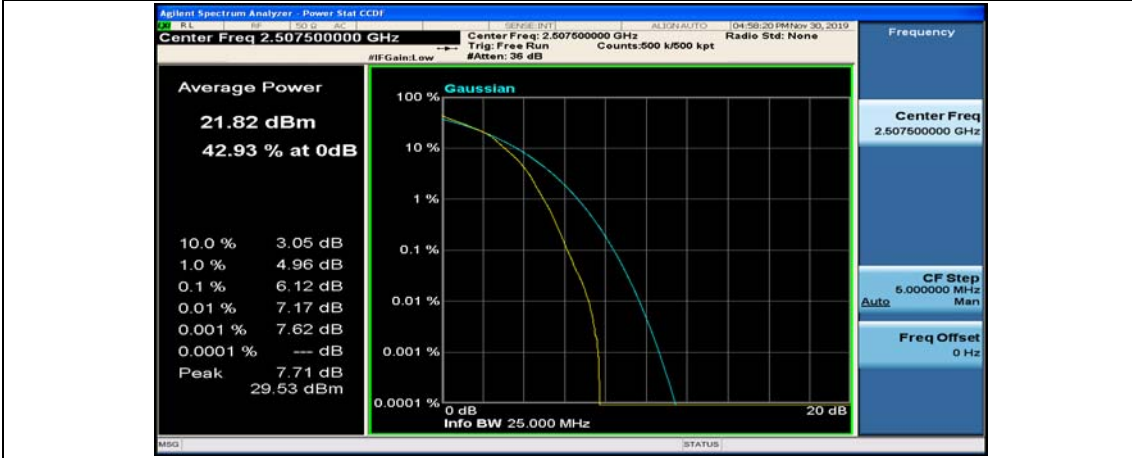
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



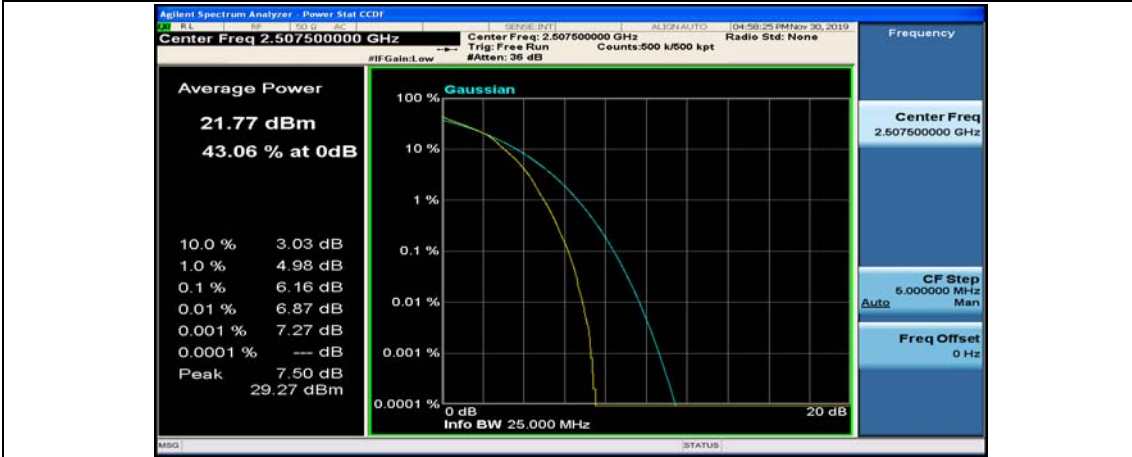
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



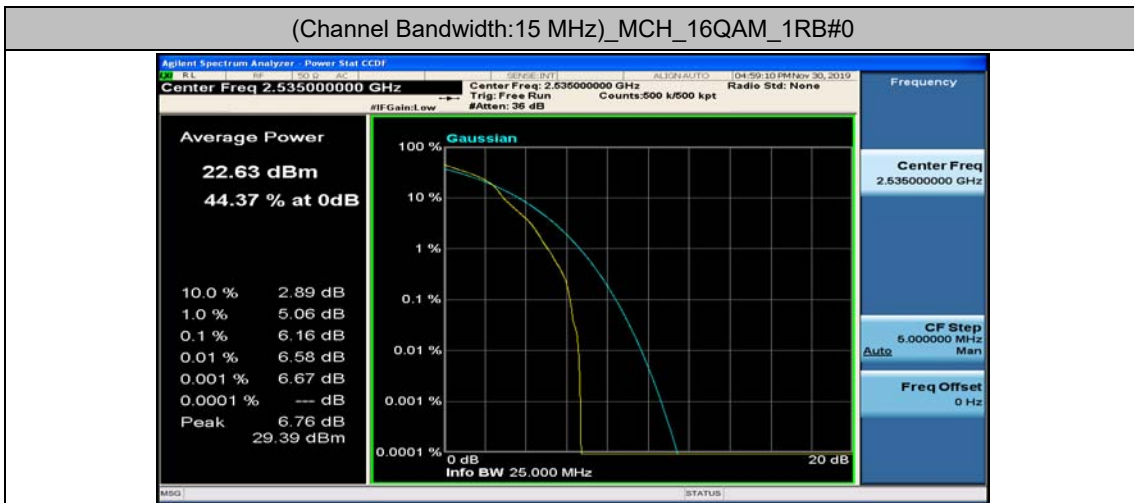
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(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



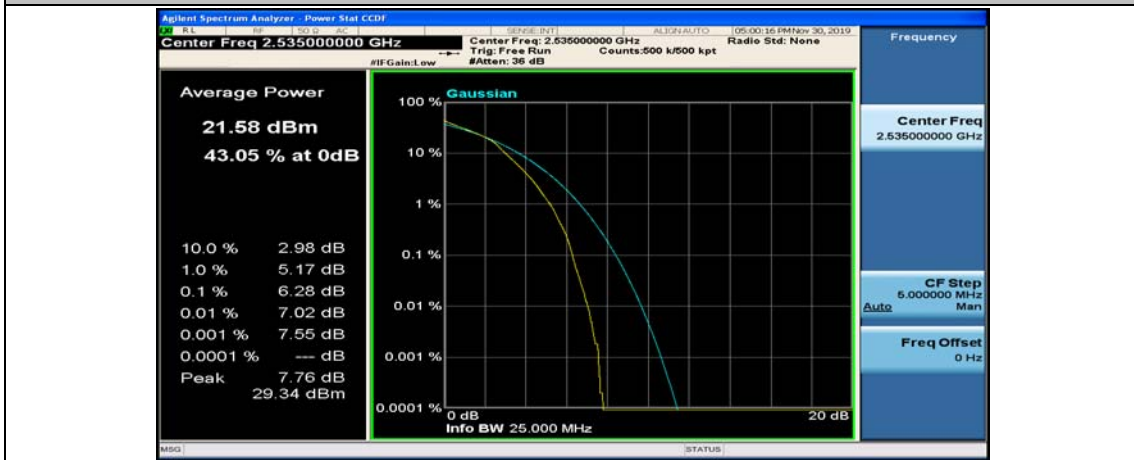
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



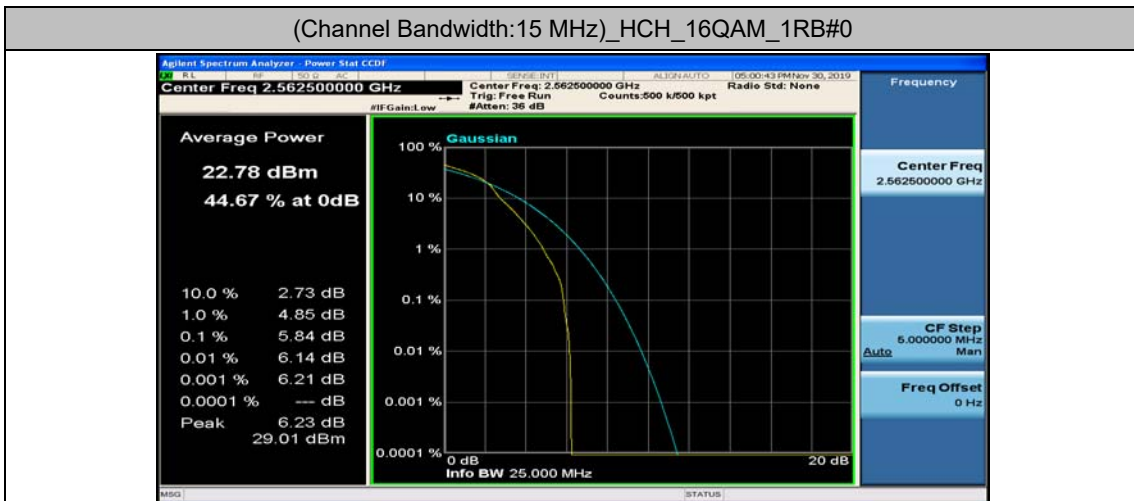
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



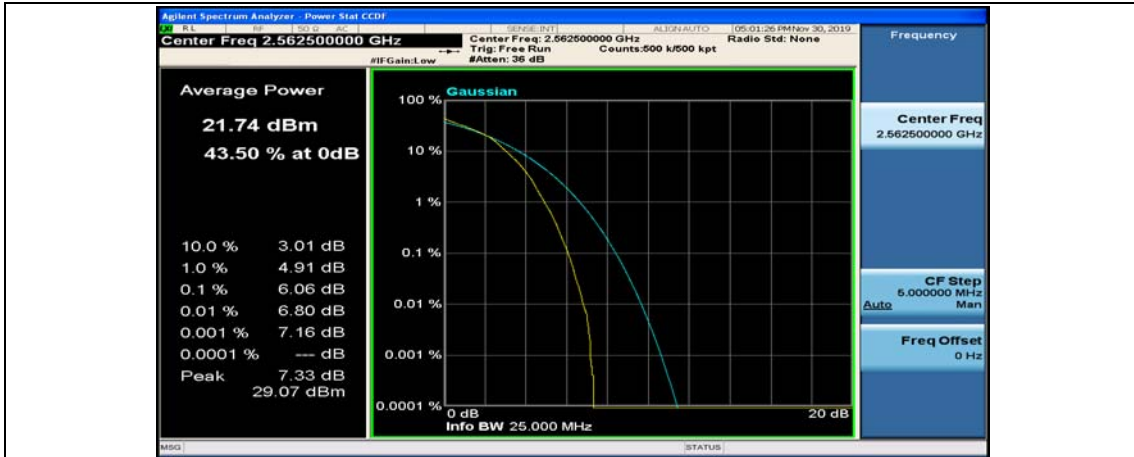
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



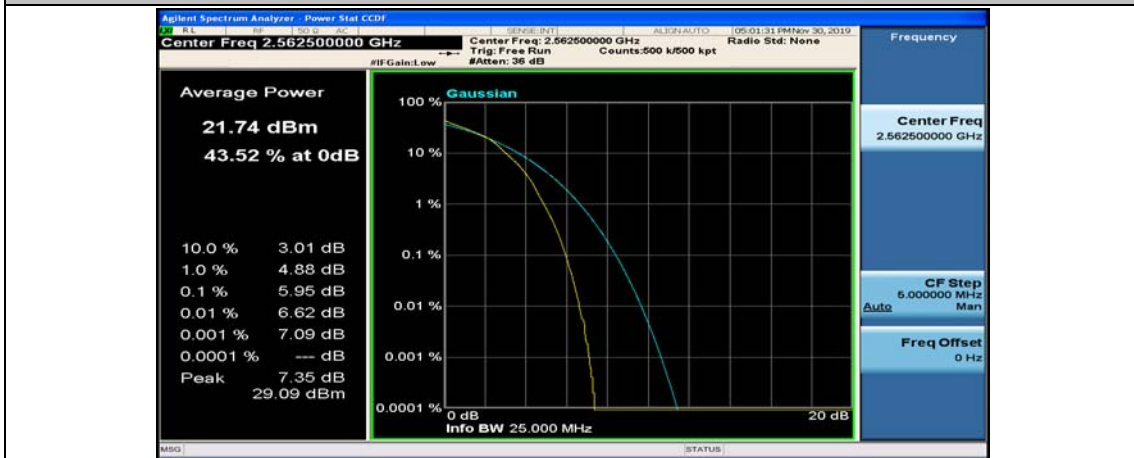
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



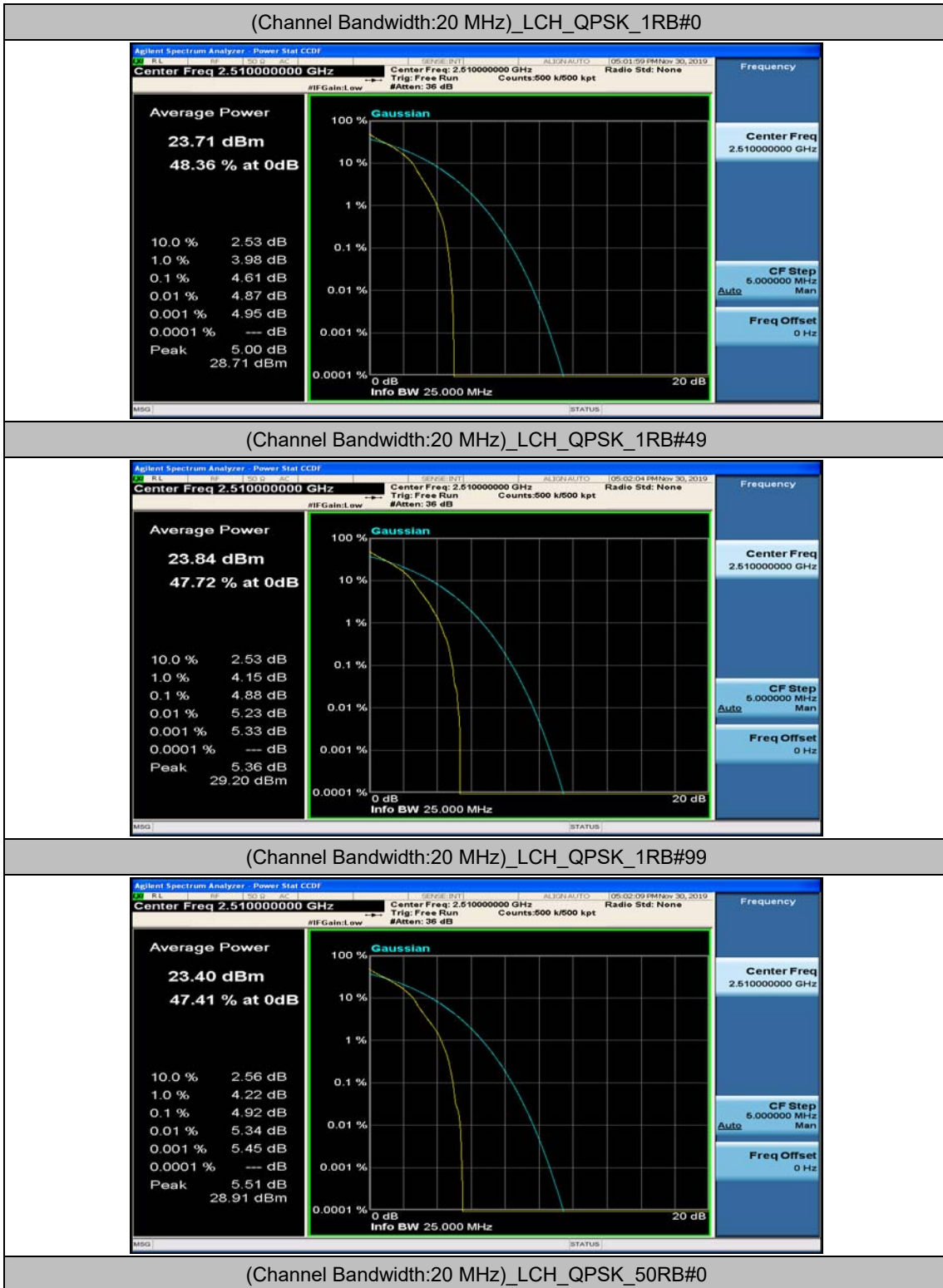
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

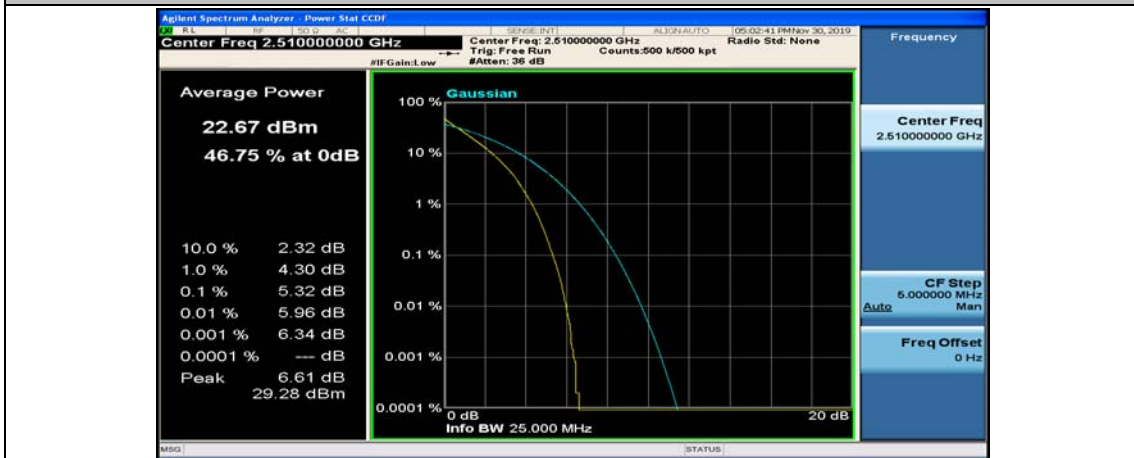


Channel Bandwidth: 20 MHz





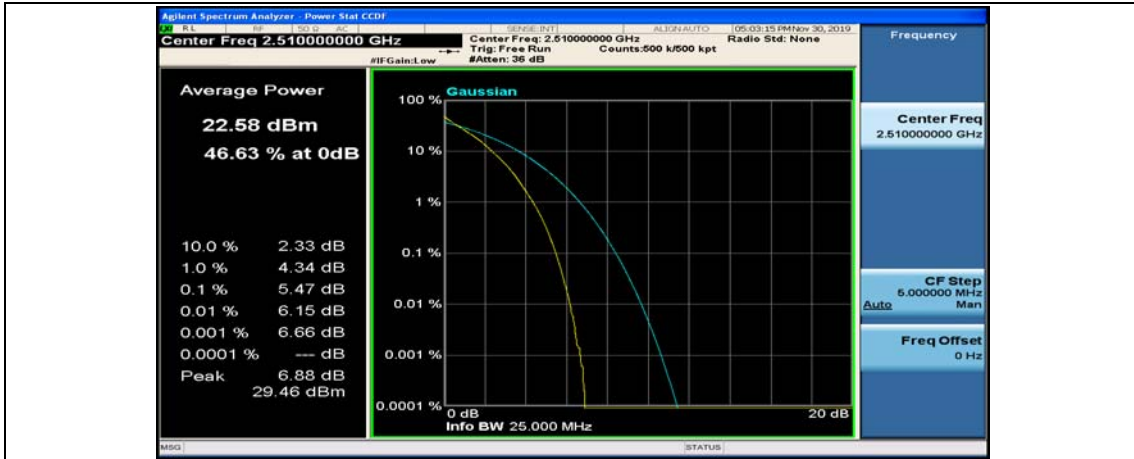
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



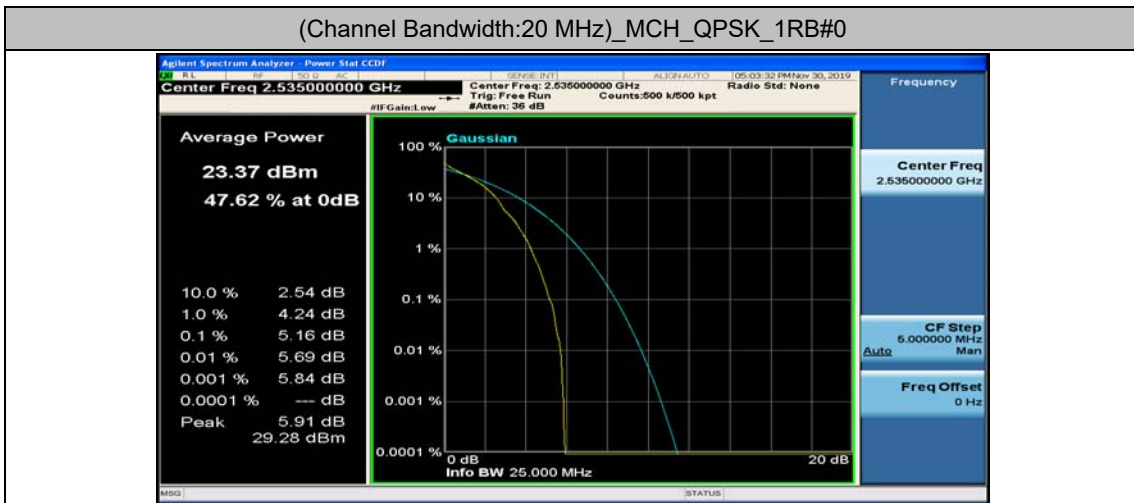
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



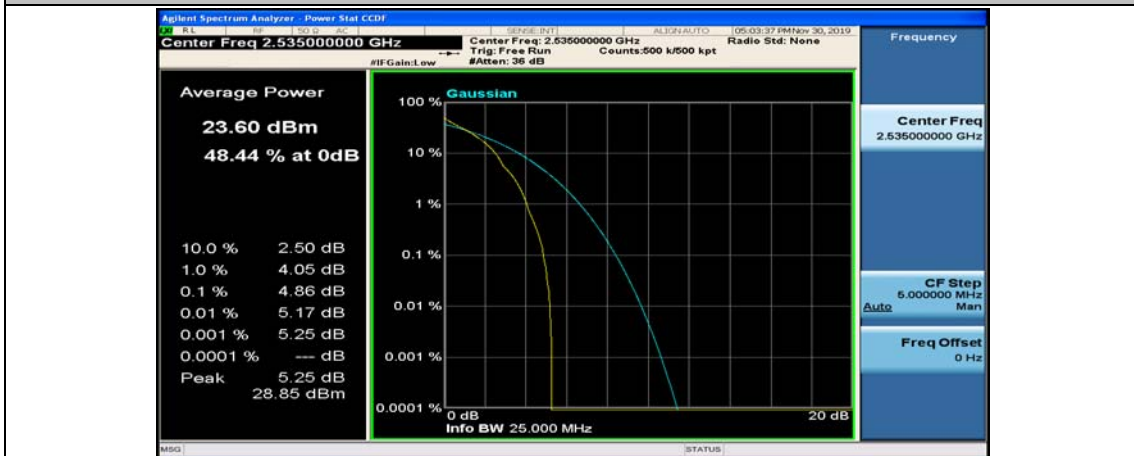
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99