

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	23.73	PASS
		1	12	23.93	PASS
		1	24	24.12	PASS
		12	0	22.81	PASS
		12	6	22.87	PASS
		12	13	22.79	PASS
		25	0	22.84	PASS
	MCH	1	0	23.00	PASS
		1	12	23.19	PASS
		1	24	23.11	PASS
		12	0	22.04	PASS
		12	6	22.00	PASS
		12	13	22.19	PASS
		25	0	23.17	PASS
	HCH	1	0	23.12	PASS
		1	12	23.01	PASS
		1	24	23.64	PASS
		12	0	22.87	PASS
		12	6	22.82	PASS
		12	13	22.72	PASS
		25	0	22.81	PASS
16QAM	LCH	1	0	23.02	PASS
		1	12	23.28	PASS
		1	24	22.96	PASS
		12	0	21.83	PASS
		12	6	21.91	PASS
		12	13	21.80	PASS
		25	0	21.83	PASS
	MCH	1	0	22.32	PASS
		1	12	22.69	PASS
		1	24	22.13	PASS
		12	0	21.12	PASS

		12	6	21.15	PASS
		12	13	21.04	PASS
		25	0	21.00	PASS
	HCH	1	0	22.10	PASS
		1	12	22.38	PASS
		1	24	22.87	PASS
		12	0	21.83	PASS
		12	6	21.85	PASS
		12	13	21.74	PASS
		25	0	21.87	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.52	PASS
		1	24	23.89	PASS
		1	49	24.64	PASS
		25	0	22.87	PASS
		25	12	22.82	PASS
		25	25	23.15	PASS
		50	0	22.82	PASS
	MCH	1	0	23.13	PASS
		1	24	23.16	PASS
		1	49	23.10	PASS
		25	0	22.07	PASS
		25	12	22.19	PASS
		25	25	22.17	PASS
		50	0	22.03	PASS
	HCH	1	0	23.06	PASS
		1	24	23.08	PASS
		1	49	23.18	PASS
		25	0	22.55	PASS
		25	12	22.79	PASS
		25	25	22.82	PASS
		50	0	22.91	PASS
16QAM	LCH	1	0	23.07	PASS
		1	24	23.18	PASS
		1	49	22.98	PASS
		25	0	21.85	PASS
		25	12	21.84	PASS
		25	25	21.87	PASS
		50	0	21.81	PASS

	MCH	1	0	22.50	PASS
		1	24	22.51	PASS
		1	49	22.21	PASS
		25	0	21.15	PASS
		25	12	21.06	PASS
		25	25	21.17	PASS
		50	0	21.10	PASS
	HCH	1	0	22.99	PASS
		1	24	22.71	PASS
		1	49	22.61	PASS
		25	0	22.58	PASS
		25	12	21.90	PASS
		25	25	22.12	PASS
		50	0	21.79	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.70	PASS
		1	37	23.70	PASS
		1	74	23.15	PASS
		37	0	22.11	PASS
		37	18	22.17	PASS
		37	38	22.19	PASS
		75	0	22.14	PASS
	MCH	1	0	23.63	PASS
		1	37	23.56	PASS
		1	74	23.74	PASS
		37	0	22.79	PASS
		37	18	22.80	PASS
		37	38	22.63	PASS
		75	0	22.70	PASS
	HCH	1	0	23.19	PASS
		1	37	23.17	PASS
		1	74	23.18	PASS
		37	0	22.91	PASS
		37	18	22.53	PASS
		37	38	22.76	PASS
		75	0	22.53	PASS
16QAM	LCH	1	0	22.27	PASS
		1	37	22.57	PASS
		1	74	22.38	PASS

		37	0	21.07	PASS
		37	18	21.15	PASS
		37	38	21.16	PASS
		75	0	21.11	PASS
	MCH	1	0	22.92	PASS
		1	37	23.29	PASS
		1	74	22.69	PASS
		37	0	21.82	PASS
		37	18	21.83	PASS
		37	38	21.66	PASS
		75	0	21.75	PASS
	HCH	1	0	22.45	PASS
		1	37	22.99	PASS
		1	74	22.09	PASS
		37	0	22.92	PASS
		37	18	21.54	PASS
		37	38	21.57	PASS
		75	0	21.58	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.70	PASS
		1	49	24.08	PASS
		1	99	23.21	PASS
		50	0	22.01	PASS
		50	25	22.19	PASS
		50	50	22.24	PASS
		100	0	22.14	PASS
	MCH	1	0	23.48	PASS
		1	49	23.65	PASS
		1	99	23.81	PASS
		50	0	22.74	PASS
		50	25	22.77	PASS
		50	50	22.61	PASS
		100	0	22.65	PASS
	HCH	1	0	23.48	PASS
		1	49	23.43	PASS
		1	99	23.57	PASS
		50	0	22.31	PASS
		50	25	22.84	PASS
		50	50	22.78	PASS

		100	0	22.93	PASS
16QAM	LCH	1	0	22.13	PASS
		1	49	22.63	PASS
		1	99	22.43	PASS
		50	0	21.00	PASS
		50	25	21.20	PASS
		50	50	21.22	PASS
		100	0	21.11	PASS
	MCH	1	0	22.82	PASS
		1	49	23.33	PASS
		1	99	22.53	PASS
		50	0	21.77	PASS
		50	25	21.83	PASS
		50	50	21.65	PASS
		100	0	21.71	PASS
	HCH	1	0	22.08	PASS
		1	49	22.18	PASS
		1	99	22.94	PASS
		50	0	21.49	PASS
		50	25	21.85	PASS
		50	50	21.71	PASS
		100	0	21.94	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	4.53	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.5	<13	PASS
		12	0	4.92	<13	PASS
		12	6	4.87	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.13	<13	PASS
	MCH	1	0	4.95	<13	PASS
		1	12	4.98	<13	PASS
		1	24	5.08	<13	PASS
		12	0	5.4	<13	PASS
		12	6	5.38	<13	PASS
		12	13	5.51	<13	PASS
		25	0	5.58	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	12	4.91	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.7	<13	PASS
		25	0	5.78	<13	PASS
16QAM	LCH	1	0	5	<13	PASS
		1	12	4.98	<13	PASS
		1	24	5.29	<13	PASS
		12	0	5.94	<13	PASS
		12	6	5.86	<13	PASS
		12	13	5.92	<13	PASS
		25	0	5.89	<13	PASS
	MCH	1	0	5.72	<13	PASS
		1	12	5.61	<13	PASS
		1	24	6.09	<13	PASS
		12	0	6.23	<13	PASS

		12	6	6.28	<13	PASS
		12	13	6.27	<13	PASS
		25	0	6.36	<13	PASS
	HCH	1	0	6.12	<13	PASS
		1	12	5.87	<13	PASS
		1	24	5.82	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.5	<13	PASS
		12	13	6.52	<13	PASS
		25	0	6.48	<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	4.43	<13	PASS
		1	24	4.37	<13	PASS
		1	49	4.62	<13	PASS
		25	0	5.19	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.3	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	24	4.99	<13	PASS
		1	49	4.97	<13	PASS
		25	0	5.59	<13	PASS
		25	12	5.64	<13	PASS
		25	25	5.66	<13	PASS
		50	0	5.66	<13	PASS
	HCH	1	0	5.07	<13	PASS
		1	24	4.92	<13	PASS
		1	49	5.2	<13	PASS
		25	0	5.78	<13	PASS
		25	12	5.76	<13	PASS
		25	25	5.77	<13	PASS
		50	0	5.77	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS
		1	24	5.5	<13	PASS
		1	49	5.72	<13	PASS
		25	0	5.99	<13	PASS
		25	12	6.17	<13	PASS

		25	25	6.18	<13	PASS
		50	0	6.08	<13	PASS
	MCH	1	0	5.9	<13	PASS
		1	24	5.8	<13	PASS
		1	49	6.06	<13	PASS
		25	0	6.41	<13	PASS
		25	12	6.4	<13	PASS
		25	25	6.38	<13	PASS
		50	0	6.44	<13	PASS
		50	0	6.44	<13	PASS
	HCH	1	0	6.34	<13	PASS
		1	24	6.06	<13	PASS
		1	49	6.48	<13	PASS
		25	0	6.63	<13	PASS
		25	12	6.7	<13	PASS
		25	25	6.58	<13	PASS
		50	0	6.58	<13	PASS
		50	0	6.58	<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	4.4	<13	PASS
		1	37	4.45	<13	PASS
		1	74	4.7	<13	PASS
		37	0	5.23	<13	PASS
		37	18	5.29	<13	PASS
		37	38	5.4	<13	PASS
		75	0	5.67	<13	PASS
		75	0	5.67	<13	PASS
	MCH	1	0	5.07	<13	PASS
		1	37	5.3	<13	PASS
		1	74	5.32	<13	PASS
		37	0	5.6	<13	PASS
		37	18	5.66	<13	PASS
		37	38	5.56	<13	PASS
		75	0	5.93	<13	PASS
		75	0	5.93	<13	PASS
	HCH	1	0	5.03	<13	PASS
		1	37	5.1	<13	PASS
		1	74	5.32	<13	PASS
		37	0	5.83	<13	PASS
		37	18	5.78	<13	PASS
		37	38	5.83	<13	PASS
		37	38	5.83	<13	PASS
		37	38	5.83	<13	PASS

		75	0	6.15	<13	PASS
16QAM	LCH	1	0	5.34	<13	PASS
		1	37	5.38	<13	PASS
		1	74	5.8	<13	PASS
		37	0	6.14	<13	PASS
		37	18	6.18	<13	PASS
		37	38	6.2	<13	PASS
		75	0	6.35	<13	PASS
	MCH	1	0	6.2	<13	PASS
		1	37	6.14	<13	PASS
		1	74	6.28	<13	PASS
		37	0	6.4	<13	PASS
		37	18	6.49	<13	PASS
		37	38	6.48	<13	PASS
		75	0	6.53	<13	PASS
	HCH	1	0	6.16	<13	PASS
		1	37	6.4	<13	PASS
		1	74	6.21	<13	PASS
		37	0	6.58	<13	PASS
		37	18	6.53	<13	PASS
		37	38	6.52	<13	PASS
		75	0	6.67	<13	PASS

Channel Bandwidth: 20 MHz

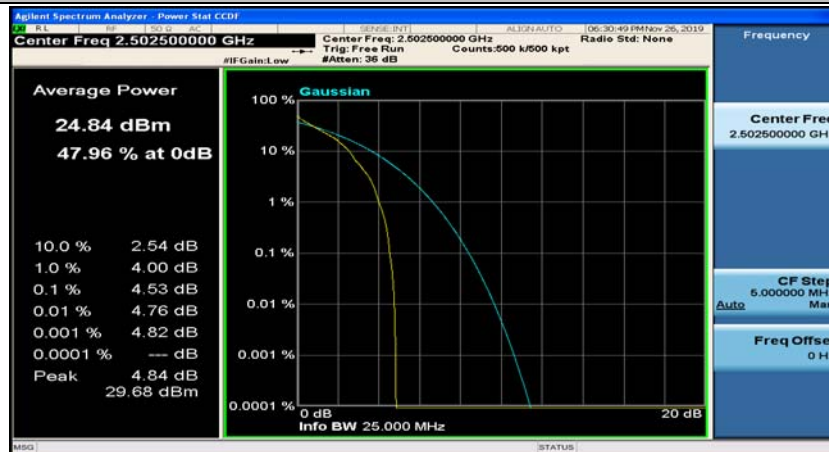
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.39	<13	PASS
		1	49	4.45	<13	PASS
		1	99	4.81	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.4	<13	PASS
		50	50	5.45	<13	PASS
		100	0	5.49	<13	PASS
	MCH	1	0	5.2	<13	PASS
		1	49	5.19	<13	PASS
		1	99	5.55	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.67	<13	PASS
		50	50	5.74	<13	PASS
		100	0	5.7	<13	PASS

	HCH	1	0	5.36	<13	PASS
		1	49	4.96	<13	PASS
		1	99	5.27	<13	PASS
		50	0	5.77	<13	PASS
		50	25	5.78	<13	PASS
		50	50	5.8	<13	PASS
		100	0	5.76	<13	PASS
16QAM	LCH	1	0	5.32	<13	PASS
		1	49	5.42	<13	PASS
		1	99	5.95	<13	PASS
		50	0	6.17	<13	PASS
		50	25	6.22	<13	PASS
		50	50	6.32	<13	PASS
		100	0	6.24	<13	PASS
	MCH	1	0	6	<13	PASS
		1	49	5.7	<13	PASS
		1	99	6.2	<13	PASS
		50	0	6.35	<13	PASS
		50	25	6.41	<13	PASS
		50	50	6.35	<13	PASS
		100	0	6.39	<13	PASS
	HCH	1	0	6.53	<13	PASS
		1	49	6.33	<13	PASS
		1	99	6.4	<13	PASS
		50	0	6.58	<13	PASS
		50	25	6.55	<13	PASS
		50	50	6.62	<13	PASS
		100	0	6.52	<13	PASS

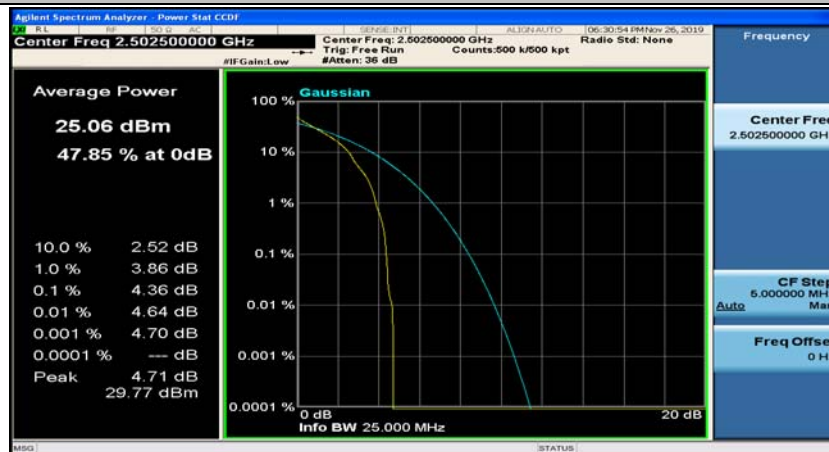
Test Graphs

Channel Bandwidth: 5 MHz

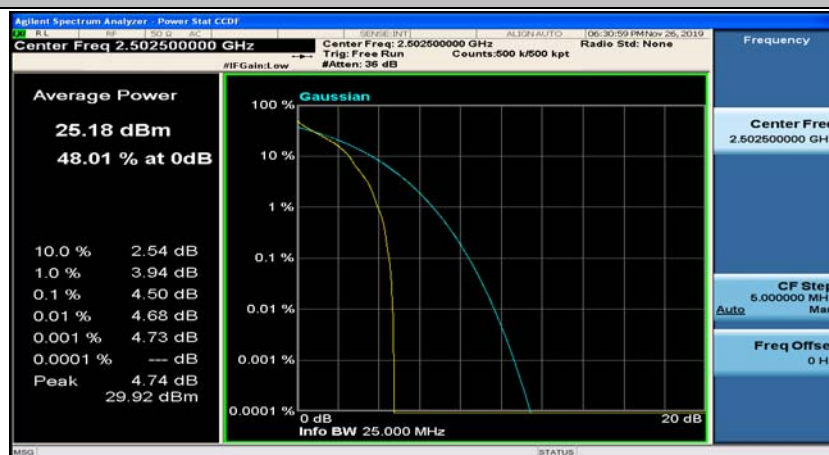
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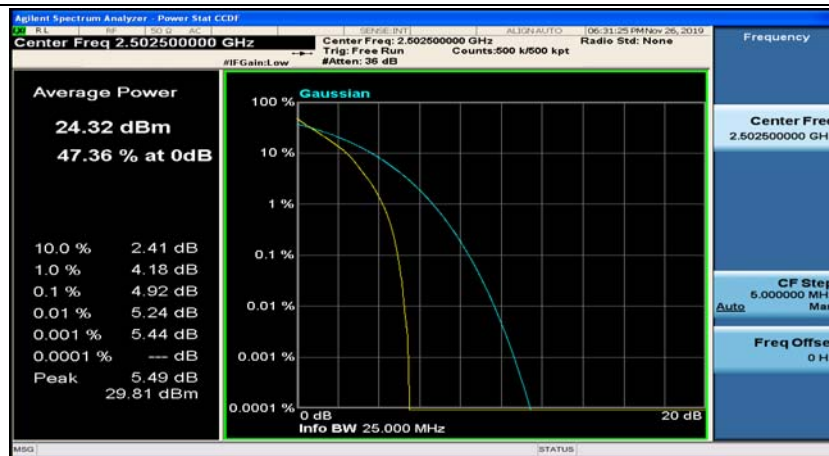
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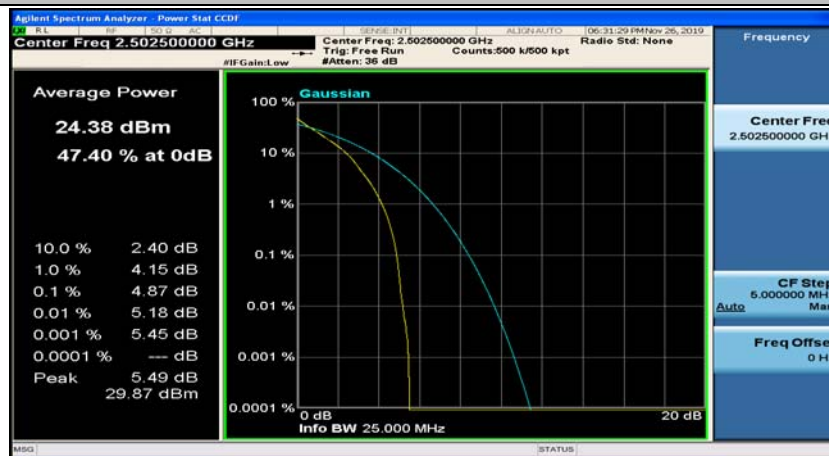
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



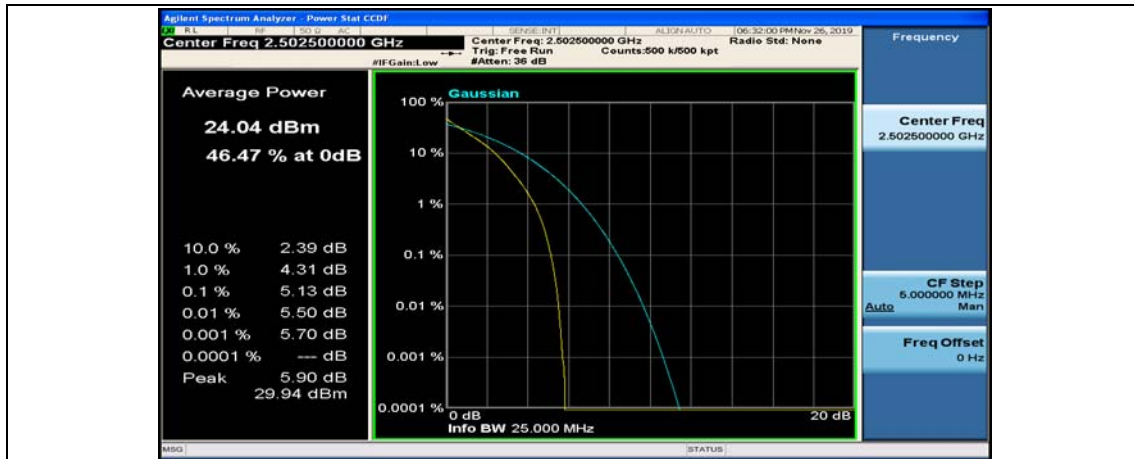
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



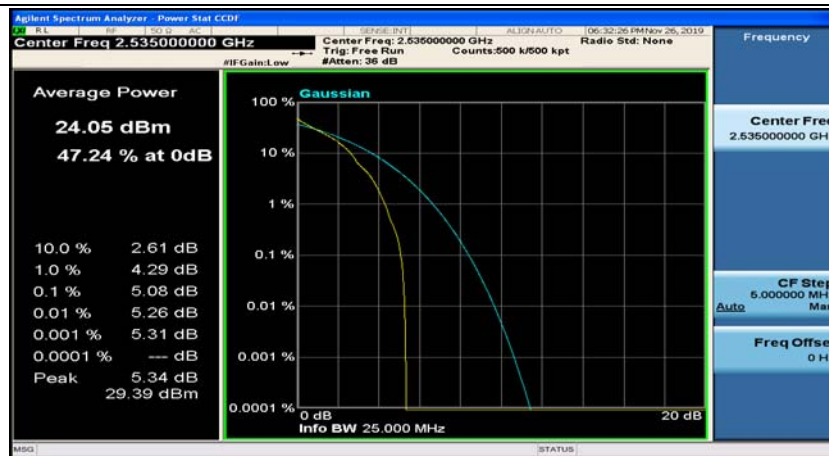
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



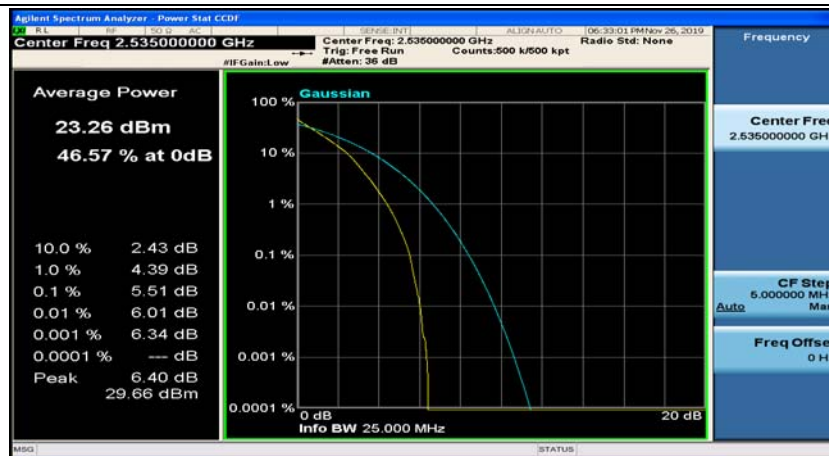
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



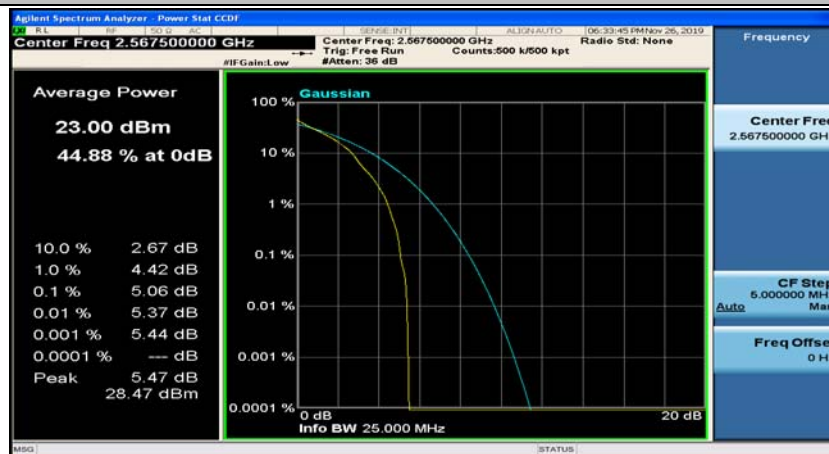
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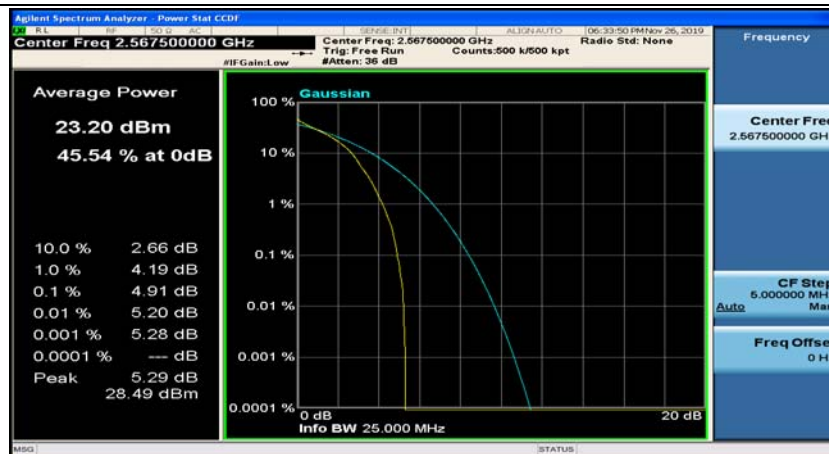
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



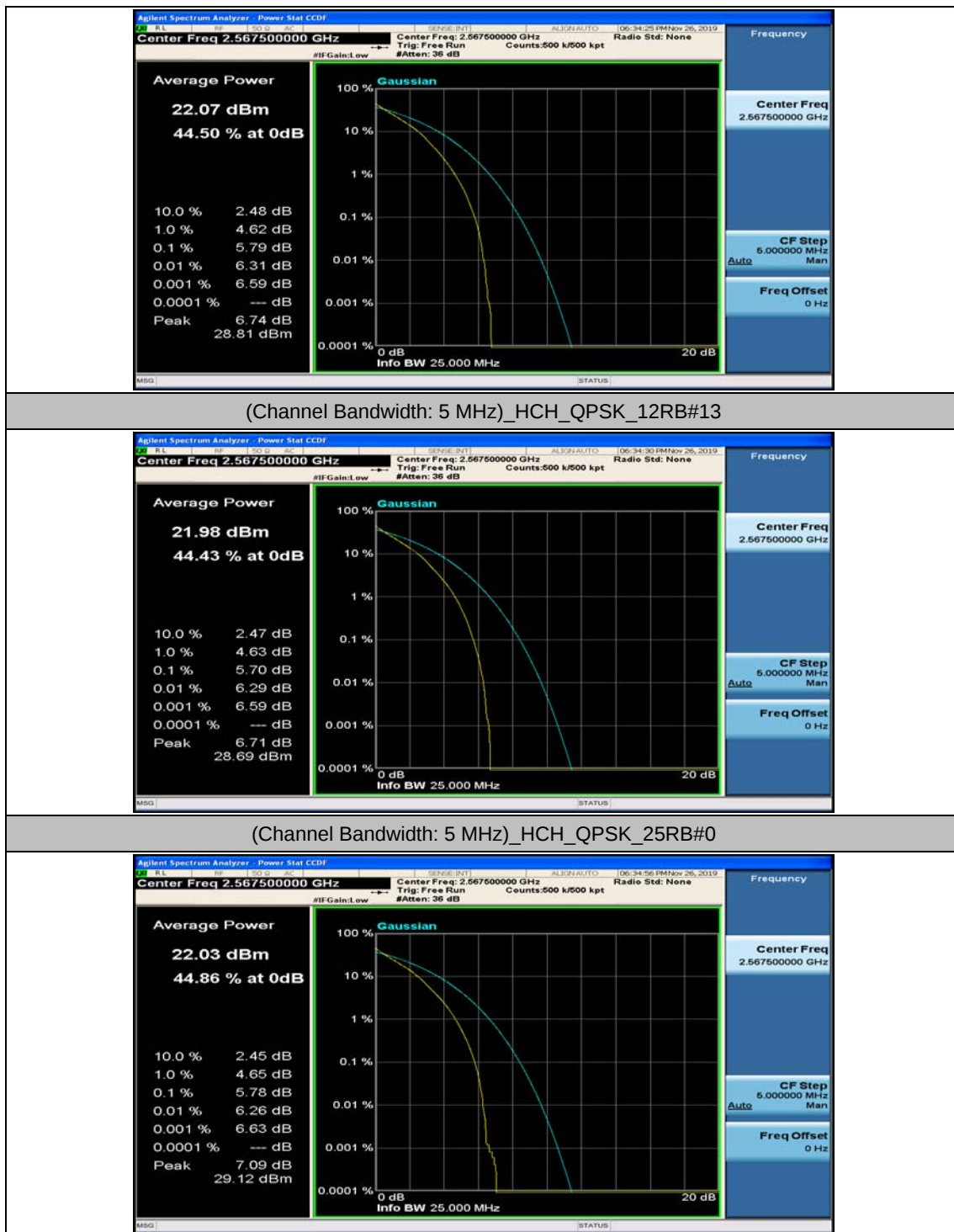
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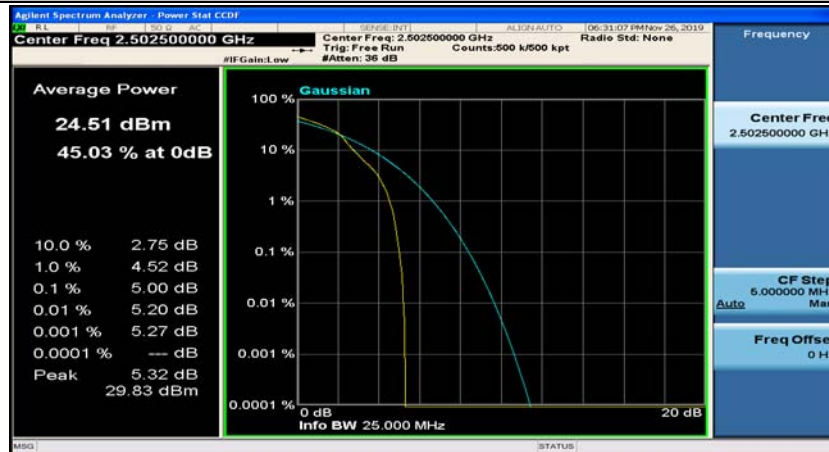
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



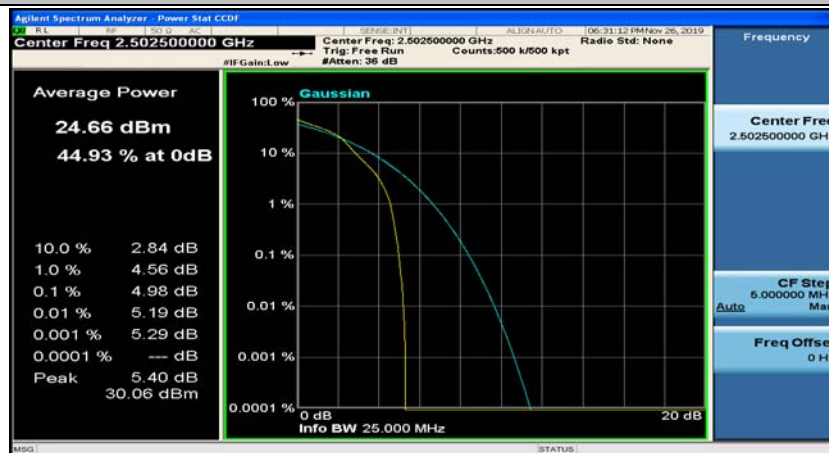
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



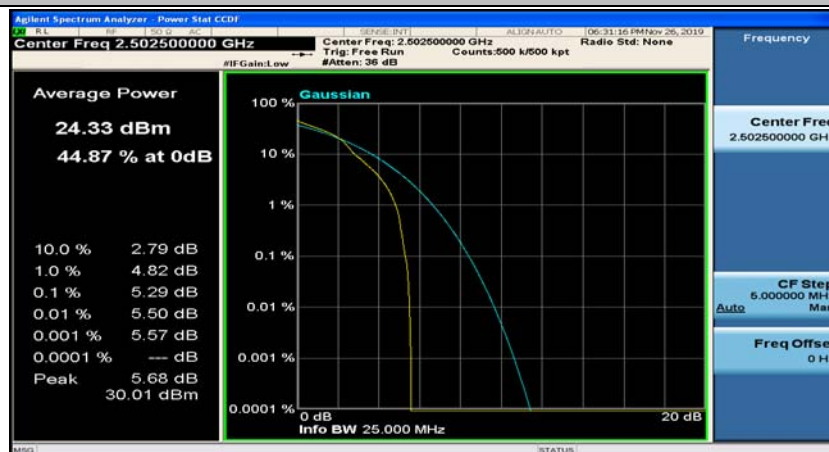
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



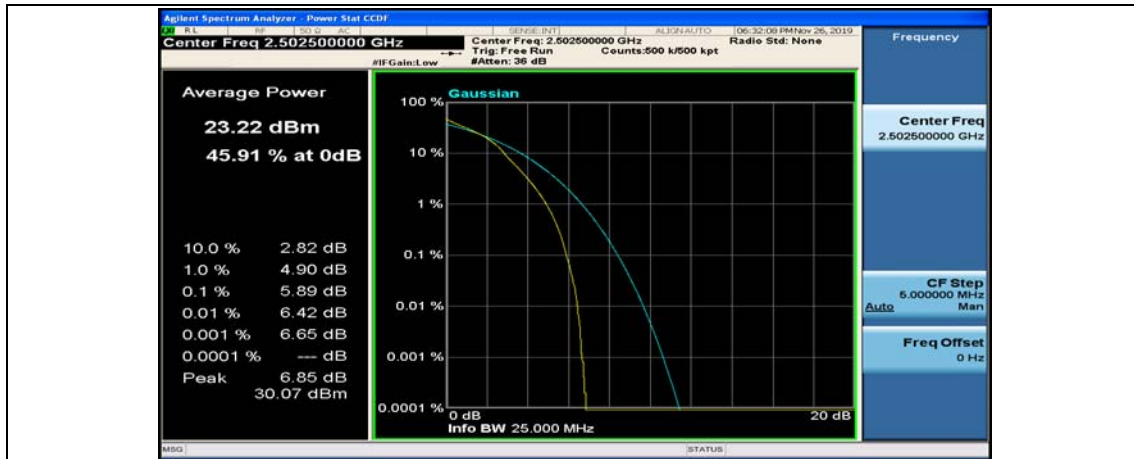
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(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



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



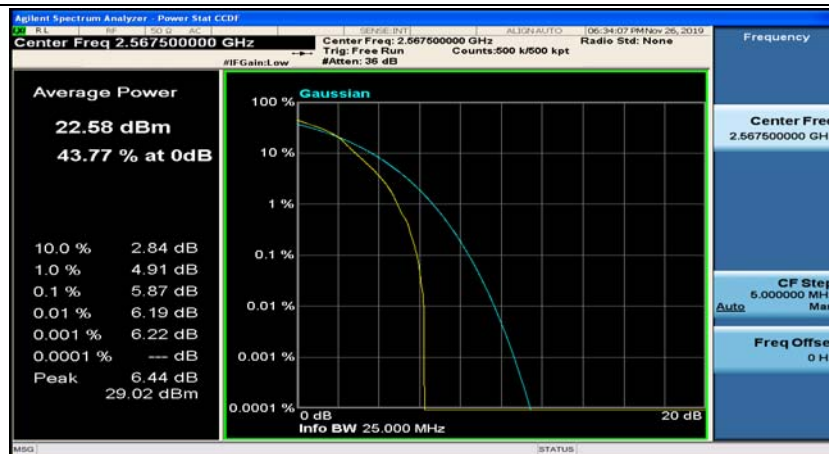
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



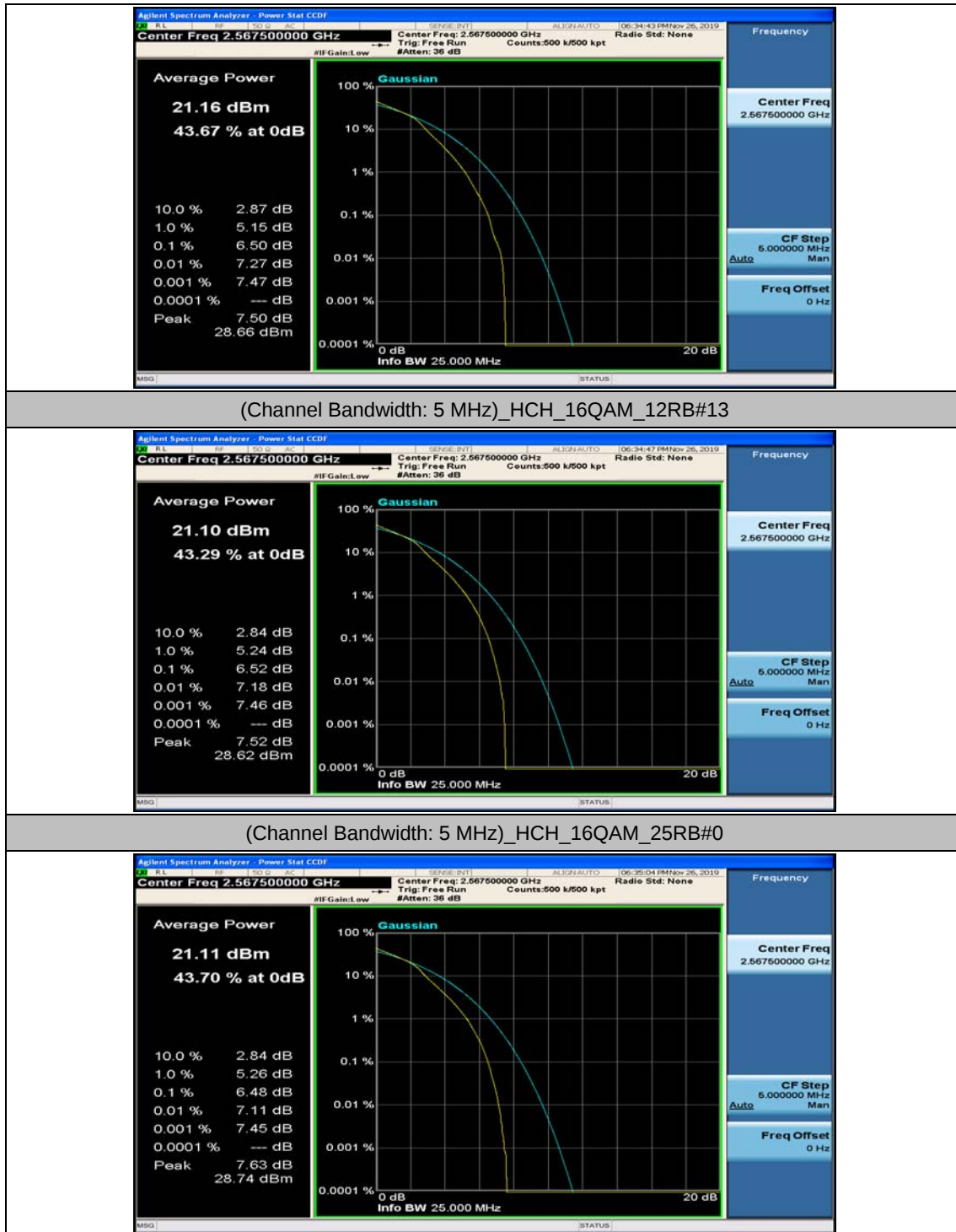
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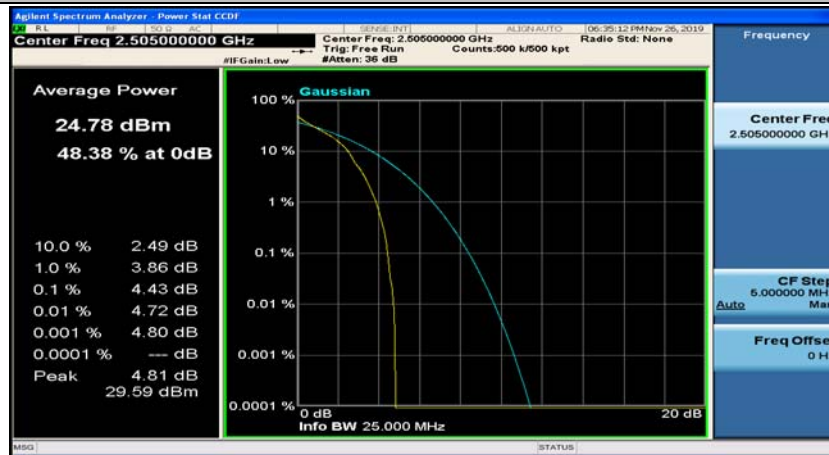


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

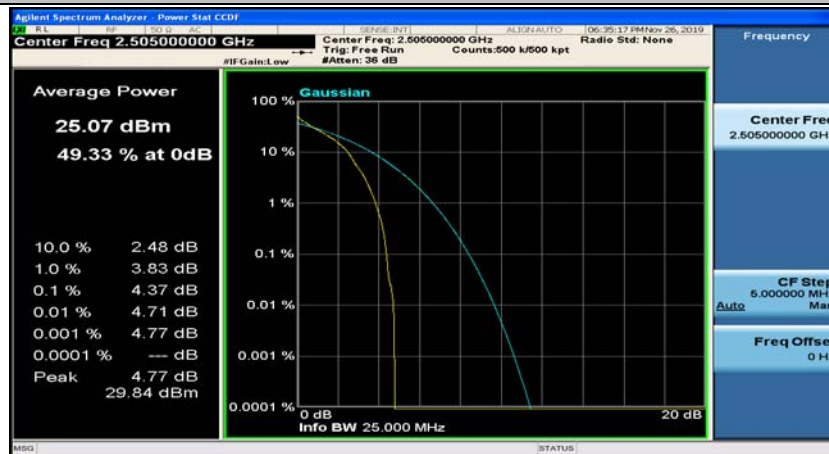


Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



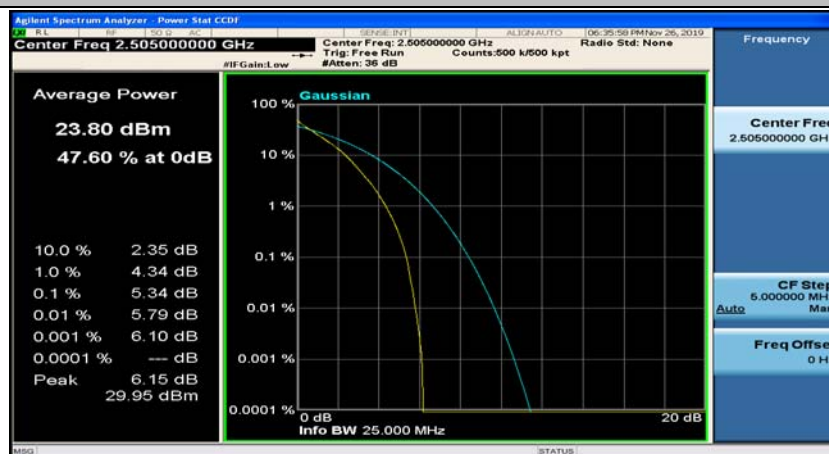
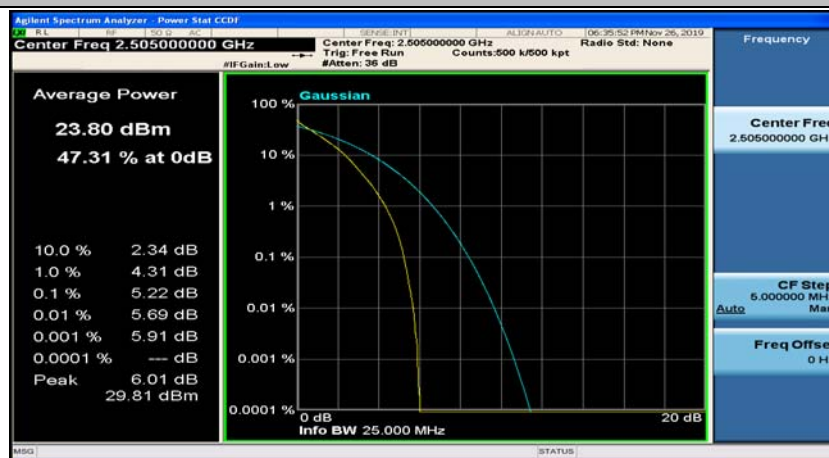
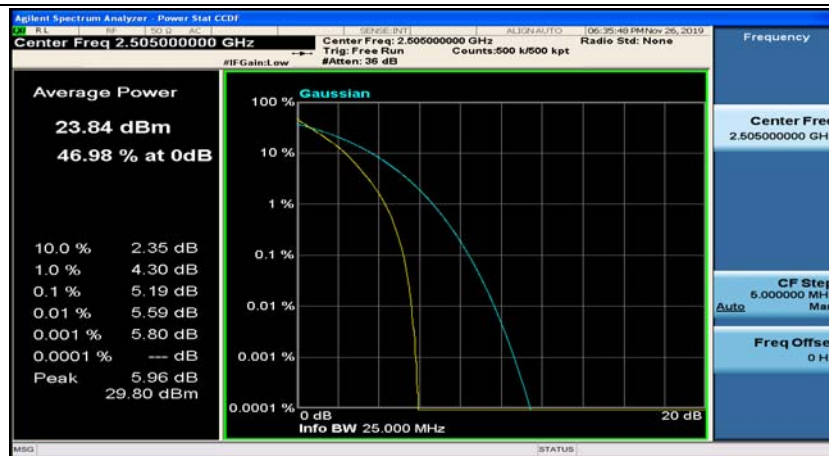
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

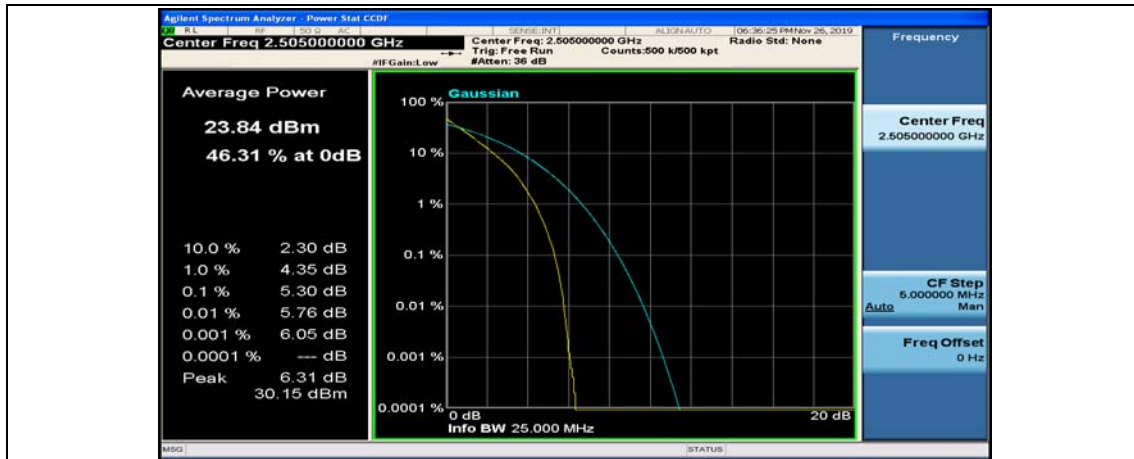


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

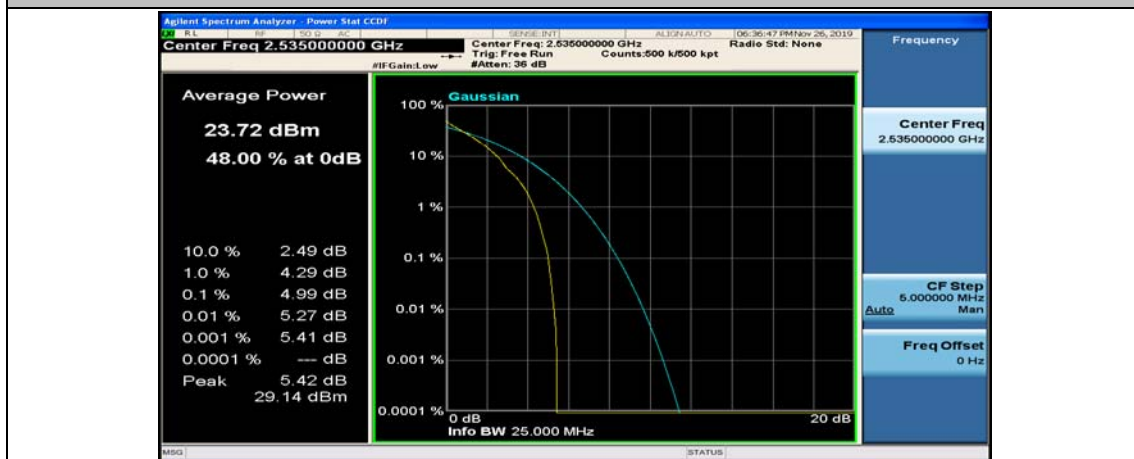




Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



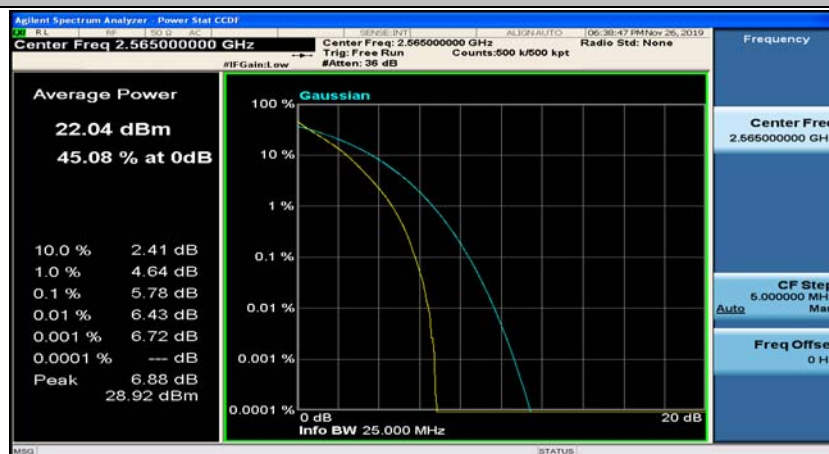
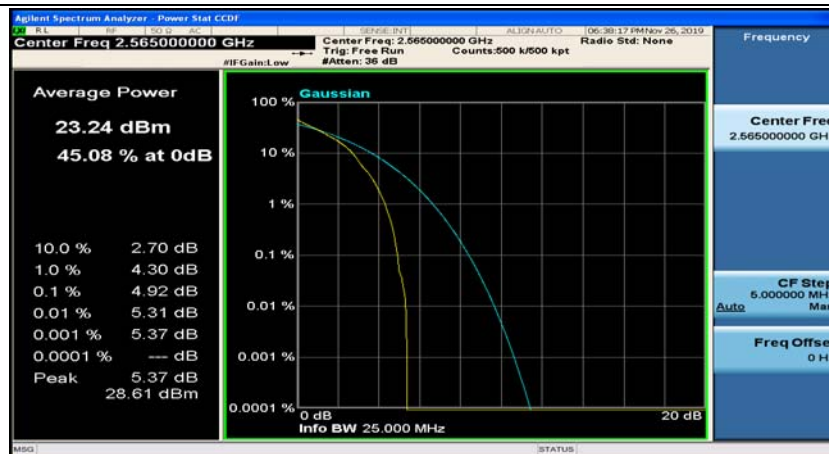
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

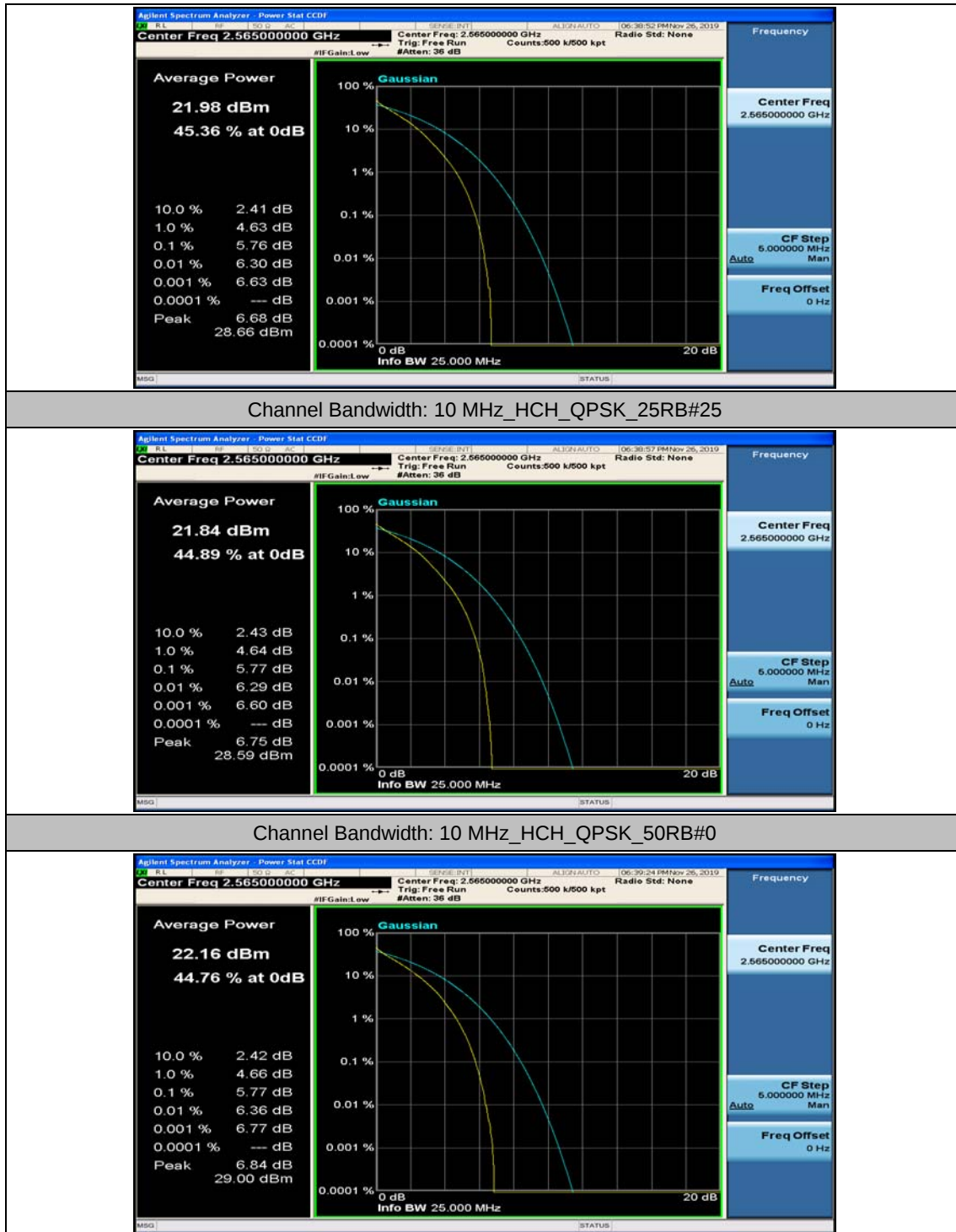


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

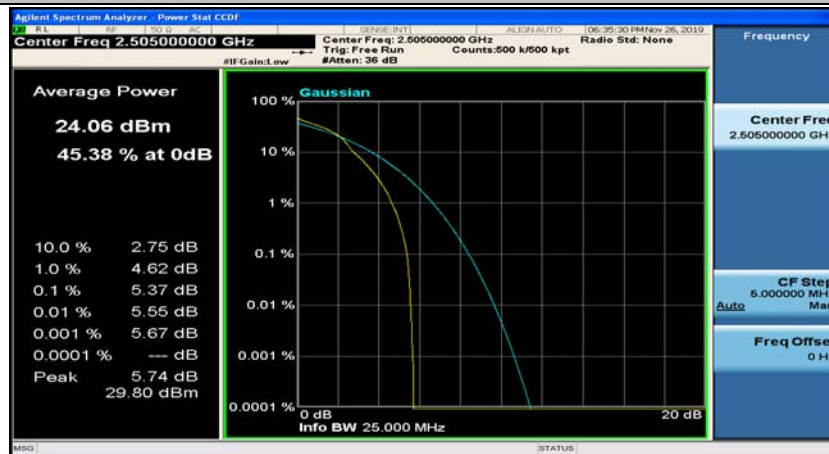


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

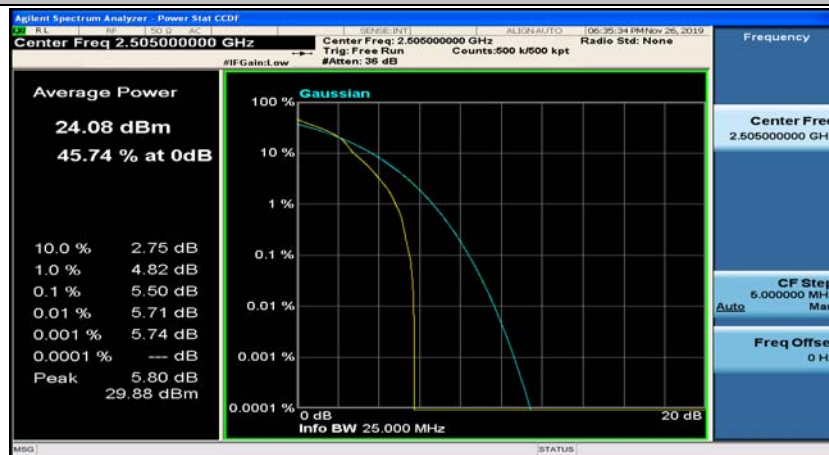




Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



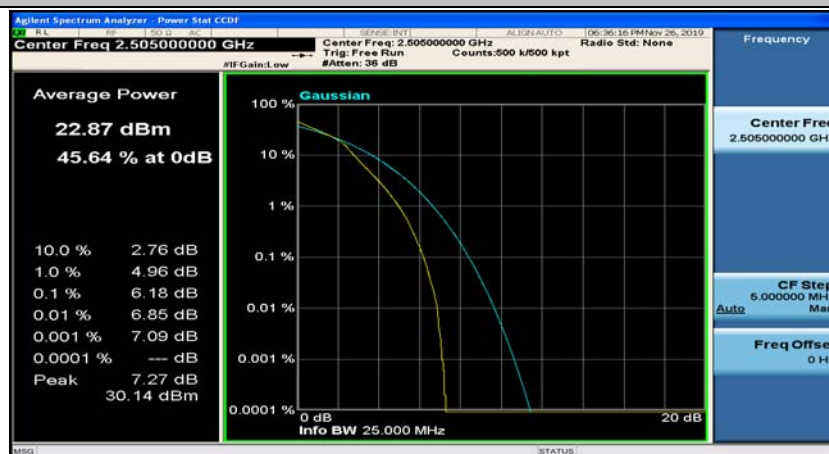
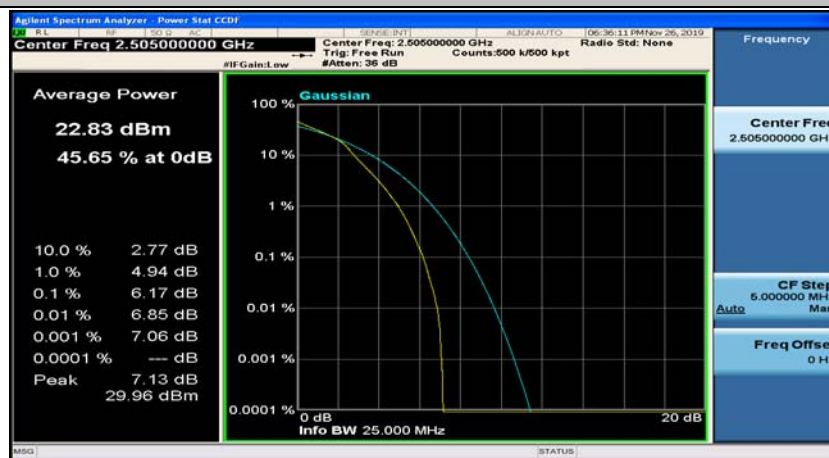
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

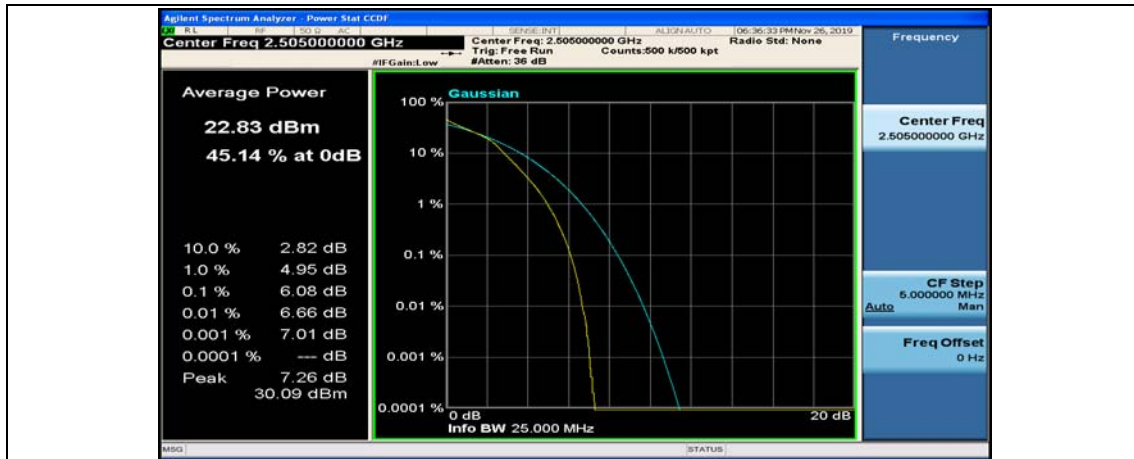


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

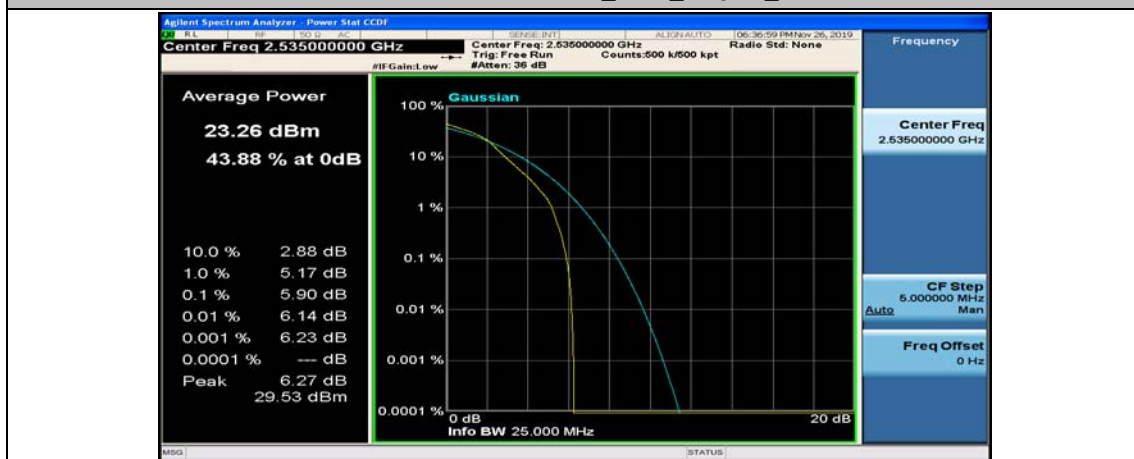


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





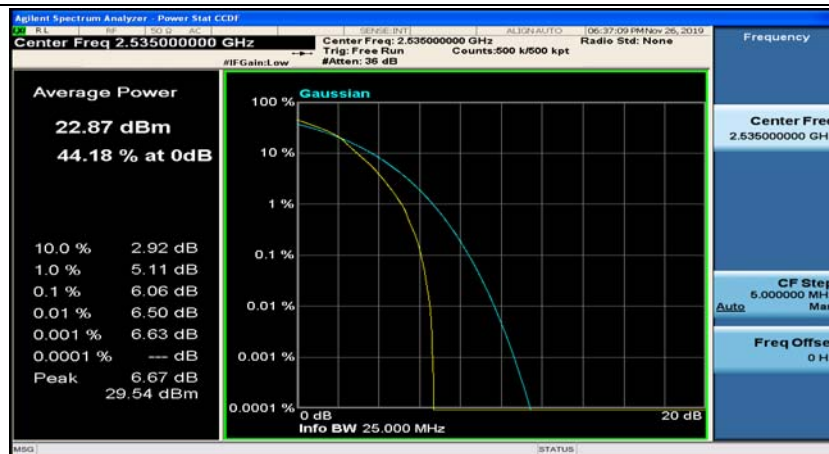
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

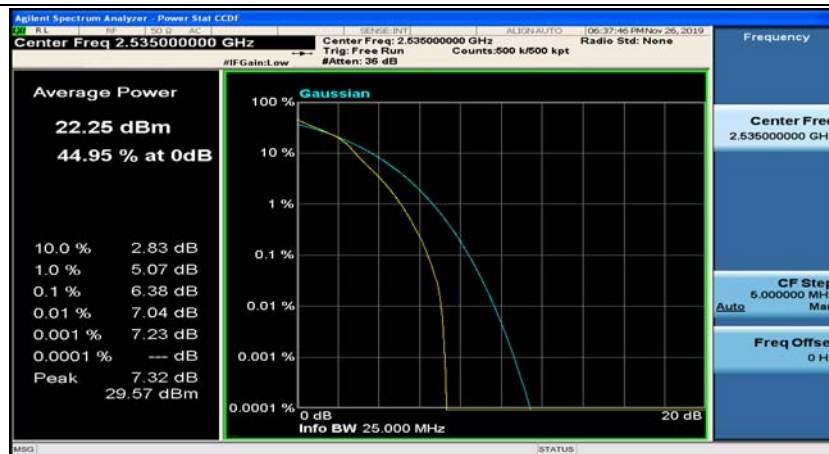


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

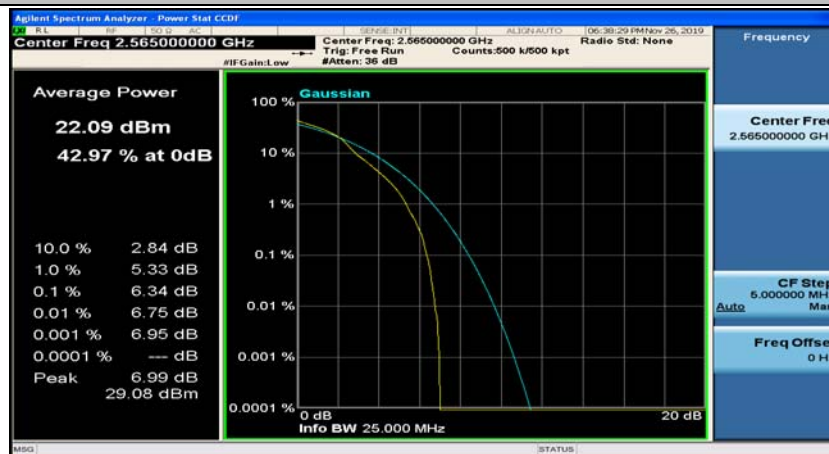




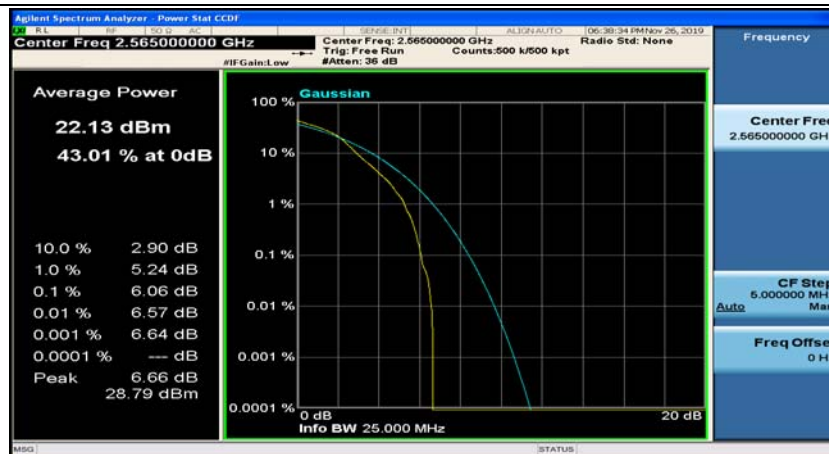
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



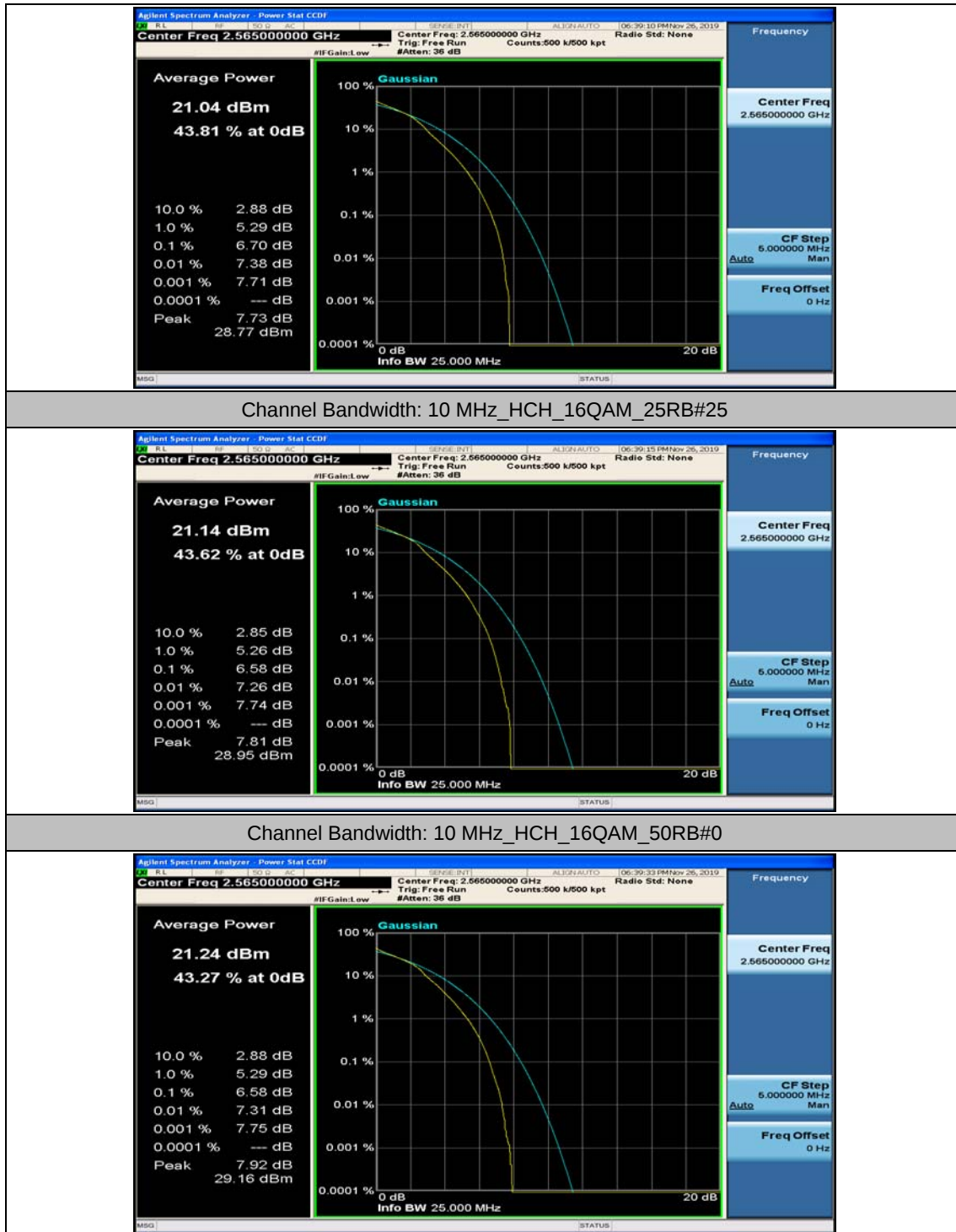
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

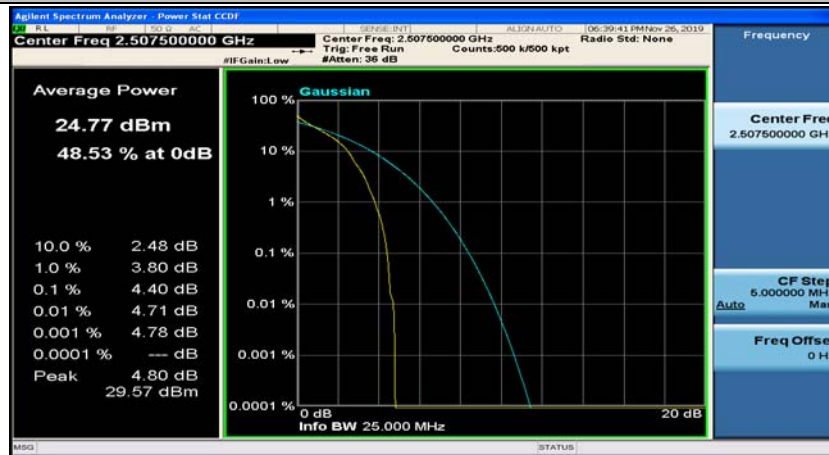


Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12

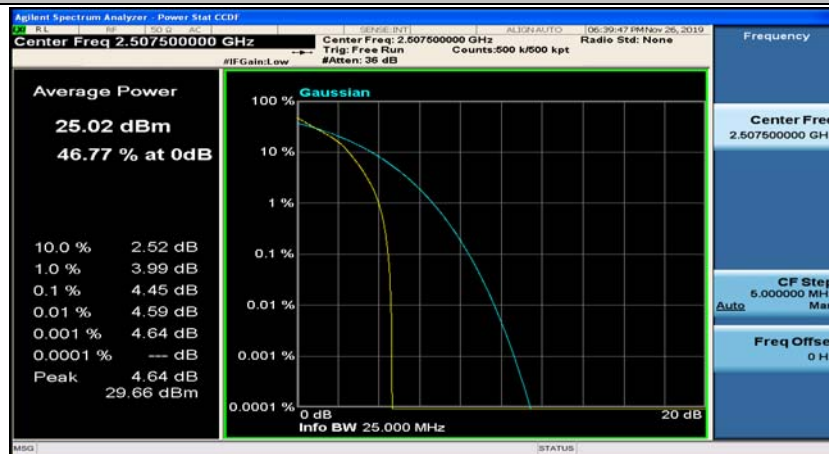


Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



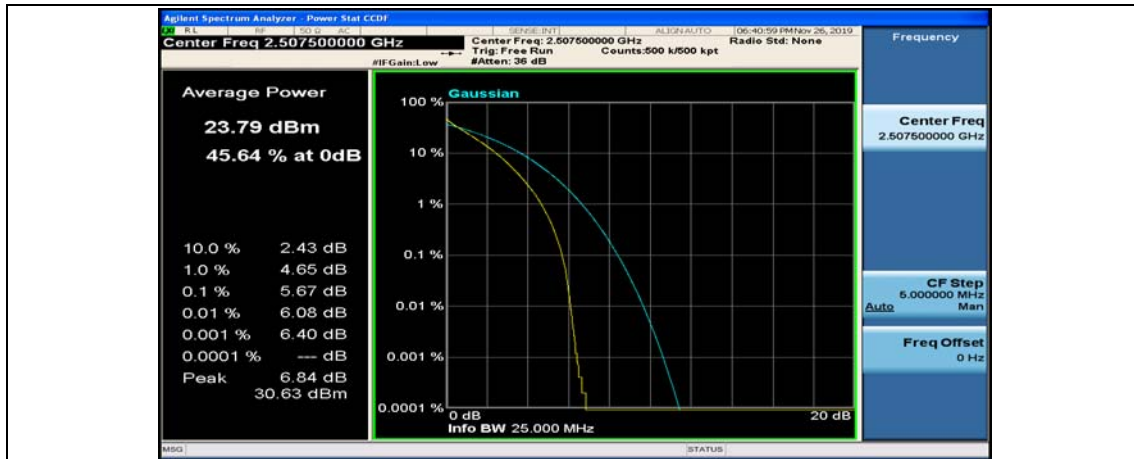
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



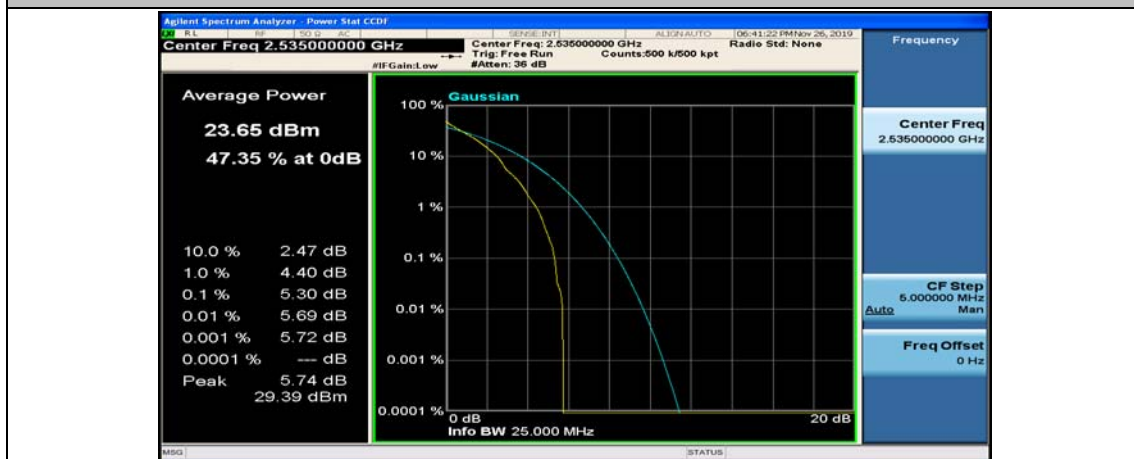
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



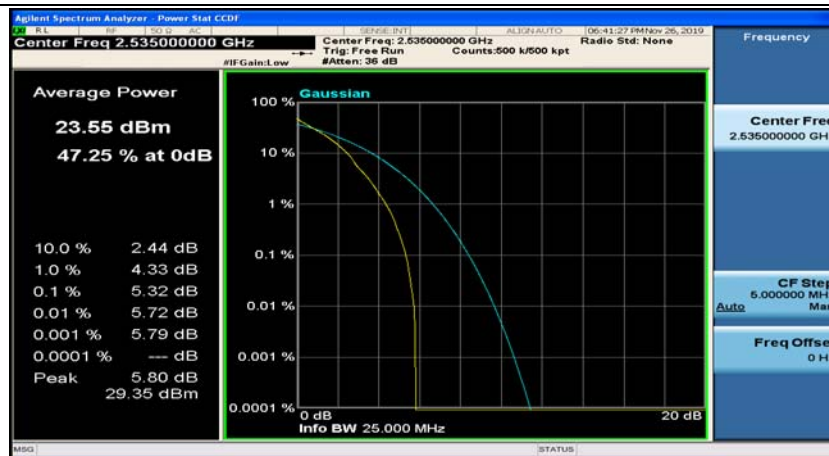
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



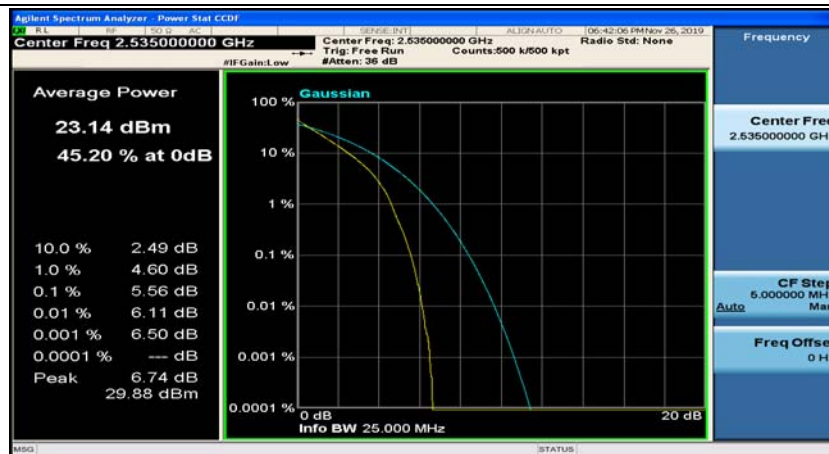
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



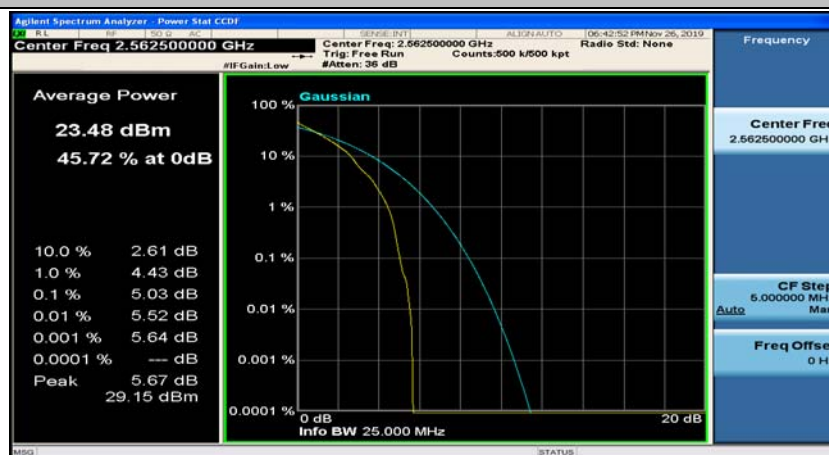
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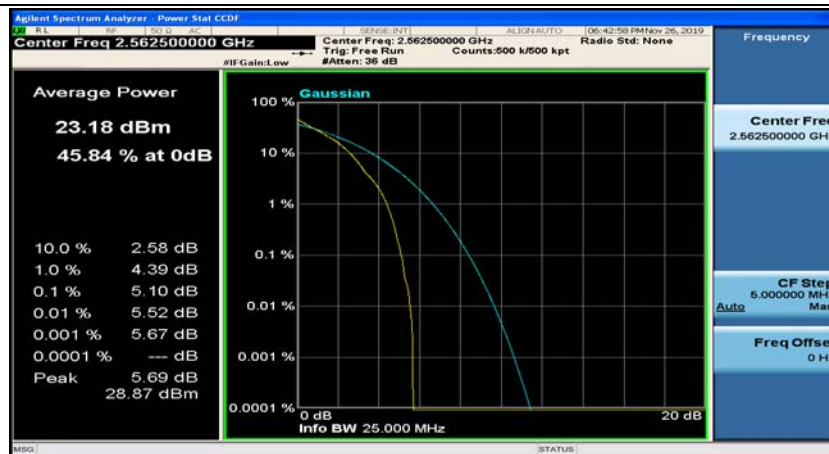
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



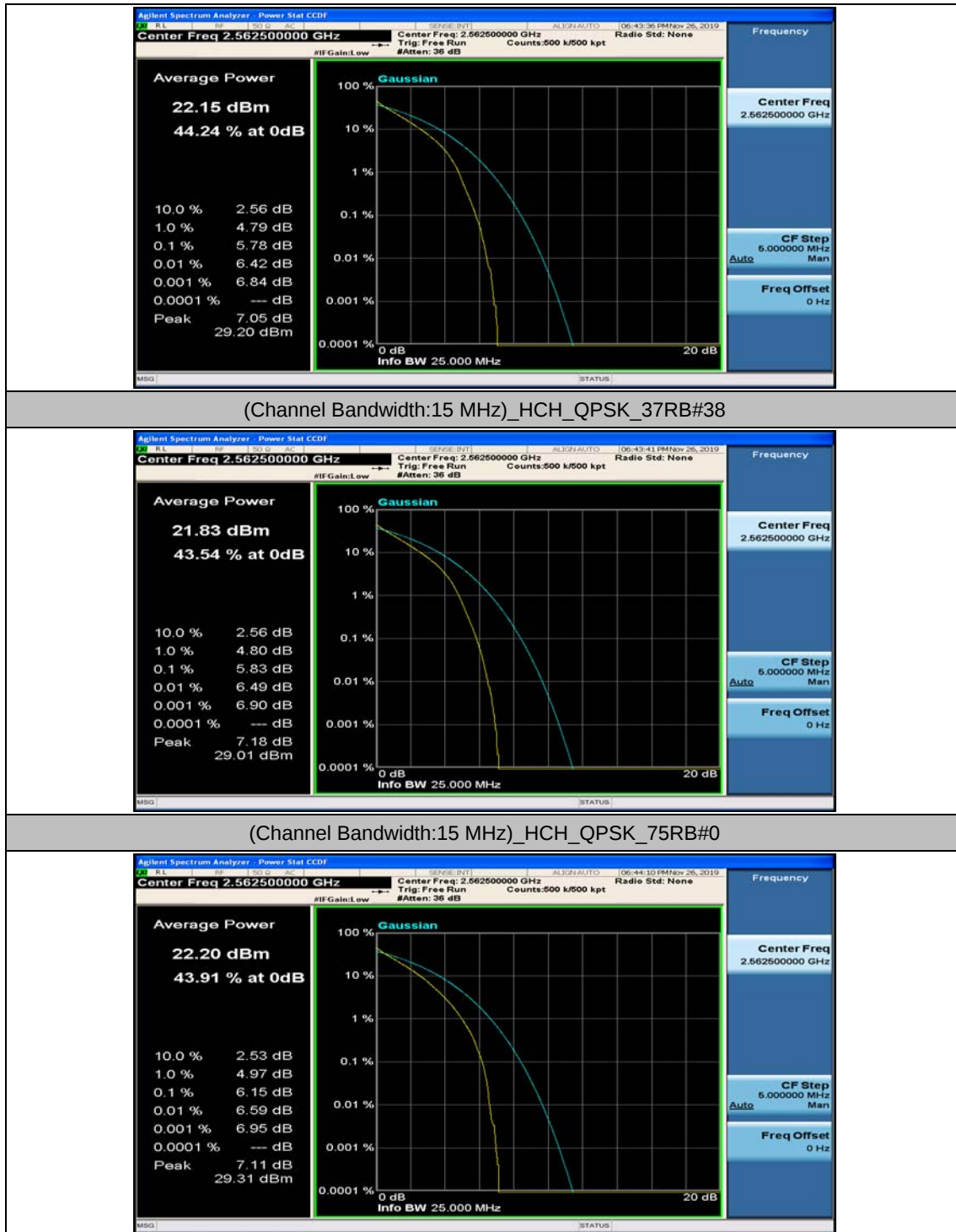
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



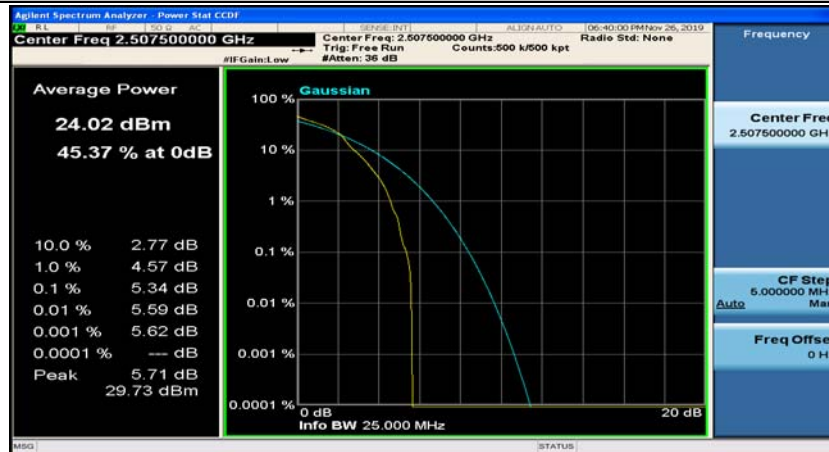
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_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



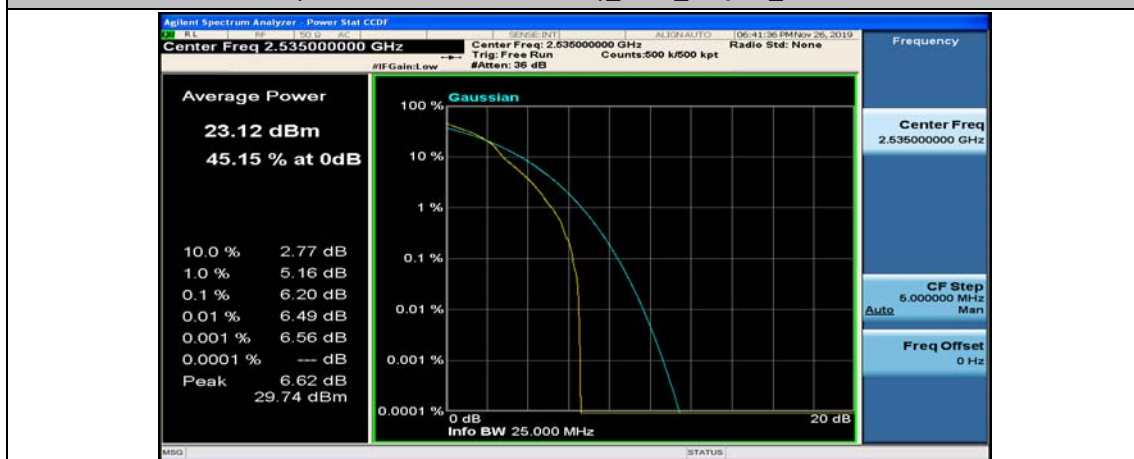
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



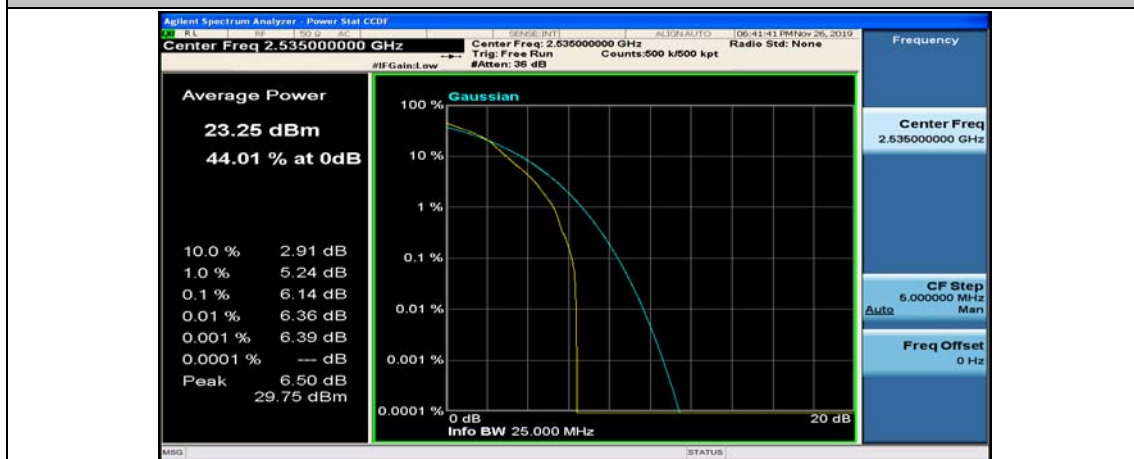
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(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(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



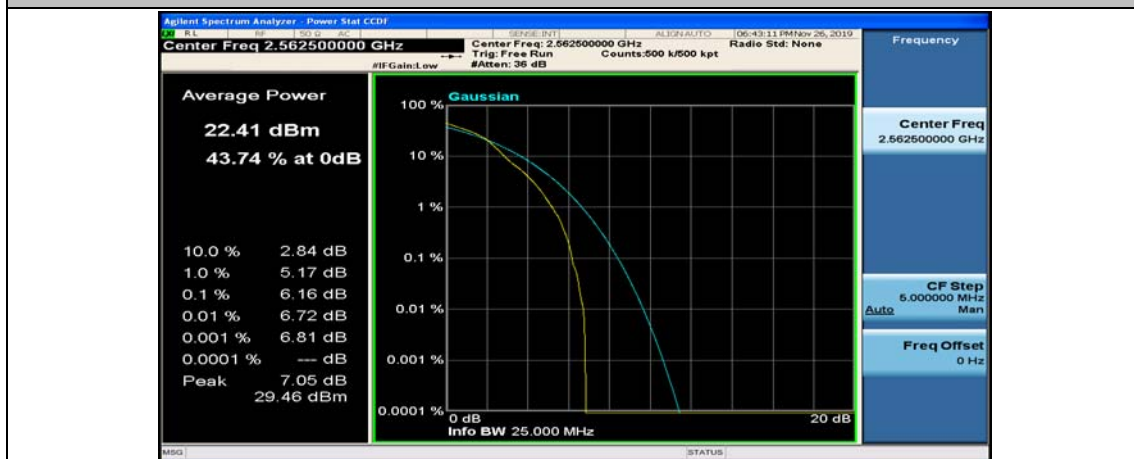
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37