

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

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	23.28	20.28	PASS
		1	12	22.81	19.81	PASS
		1	24	23.18	20.18	PASS
		12	0	22.16	19.16	PASS
		12	6	22.04	19.04	PASS
		12	13	22.15	19.15	PASS
		25	0	22.12	19.12	PASS
	MCH	1	0	22.84	19.84	PASS
		1	12	22.45	19.45	PASS
		1	24	22.84	19.84	PASS
		12	0	21.60	18.60	PASS
		12	6	21.50	18.50	PASS
		12	13	21.60	18.60	PASS
		25	0	22.09	19.09	PASS
	HCH	1	0	22.81	19.81	PASS
		1	12	22.45	19.45	PASS
		1	24	22.79	19.79	PASS
		12	0	21.58	18.58	PASS
		12	6	21.63	18.63	PASS
		12	13	21.95	18.95	PASS
		25	0	21.97	18.97	PASS
16QAM	LCH	1	0	22.52	19.52	PASS
		1	12	22.15	19.15	PASS
		1	24	22.49	19.49	PASS
		12	0	21.26	18.26	PASS
		12	6	21.15	18.15	PASS
		12	13	21.28	18.28	PASS
		25	0	21.19	18.19	PASS
	MCH	1	0	22.13	19.13	PASS
		1	12	21.76	18.76	PASS
		1	24	22.11	19.11	PASS
		12	0	21.35	18.35	PASS

		12	6	21.32	18.32	PASS	
		12	13	21.42	18.42	PASS	
		25	0	21.20	18.20	PASS	
	HCH		1	0	22.00	19.00	PASS
			1	12	21.72	18.72	PASS
			1	24	22.19	19.19	PASS
			12	0	20.84	17.84	PASS
			12	6	20.87	17.87	PASS
			12	13	21.18	18.18	PASS
			25	0	21.09	18.09	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	23.19	20.19	PASS	
		1	24	23.17	20.17	PASS	
		1	49	23.28	20.28	PASS	
		25	0	22.80	19.80	PASS	
		25	12	22.79	19.79	PASS	
		25	25	22.87	19.87	PASS	
		50	0	23.02	20.02	PASS	
	MCH		1	0	23.48	20.48	PASS
			1	24	23.49	20.49	PASS
			1	49	23.30	20.30	PASS
			25	0	22.82	19.82	PASS
			25	12	22.84	19.84	PASS
			25	25	22.84	19.84	PASS
			50	0	22.92	19.92	PASS
	HCH		1	0	22.95	19.95	PASS
			1	24	23.00	20.00	PASS
			1	49	23.13	20.13	PASS
			25	0	22.49	19.49	PASS
			25	12	22.41	19.41	PASS
			25	25	22.56	19.56	PASS
			50	0	22.54	19.54	PASS
16QAM	LCH	1	0	22.67	19.67	PASS	
		1	24	22.64	19.64	PASS	
		1	49	22.82	19.82	PASS	
		25	0	21.91	18.91	PASS	
		25	12	21.92	18.92	PASS	

		25	25	22.06	19.06	PASS
		50	0	22.07	19.07	PASS
	MCH	1	0	22.86	19.86	PASS
		1	24	22.92	19.92	PASS
		1	49	22.72	19.72	PASS
		25	0	22.02	19.02	PASS
		25	12	22.01	19.01	PASS
		25	25	22.03	19.03	PASS
		50	0	22.10	19.10	PASS
		HCH	1	0	22.38	19.38
	1		24	22.39	19.39	PASS
	1		49	22.50	19.50	PASS
	25		0	21.60	18.60	PASS
	25		12	21.59	18.59	PASS
	25		25	21.66	18.66	PASS
	50		0	21.68	18.68	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.90	20.90	PASS
		1	37	23.69	20.69	PASS
		1	74	23.97	20.97	PASS
		37	0	23.31	20.31	PASS
		37	18	23.24	20.24	PASS
		37	38	23.49	20.49	PASS
		75	0	23.45	20.45	PASS
	MCH	1	0	23.55	20.55	PASS
		1	37	23.24	20.24	PASS
		1	74	23.13	20.13	PASS
		37	0	23.27	20.27	PASS
		37	18	23.16	20.16	PASS
		37	38	23.15	20.15	PASS
		75	0	23.19	20.19	PASS
	HCH	1	0	23.23	20.23	PASS
		1	37	23.07	20.07	PASS
		1	74	23.22	20.22	PASS
		37	0	22.70	19.70	PASS
		37	18	22.64	19.64	PASS
		37	38	22.70	19.70	PASS

		75	0	22.69	19.69	PASS
16QAM	LCH	1	0	23.32	20.32	PASS
		1	37	23.11	20.11	PASS
		1	74	23.50	20.50	PASS
		37	0	22.34	19.34	PASS
		37	18	22.37	19.37	PASS
		37	38	22.55	19.55	PASS
		75	0	22.53	19.53	PASS
	MCH	1	0	22.93	19.93	PASS
		1	37	22.67	19.67	PASS
		1	74	22.53	19.53	PASS
		37	0	22.35	19.35	PASS
		37	18	22.32	19.32	PASS
		37	38	22.22	19.22	PASS
		75	0	22.35	19.35	PASS
	HCH	1	0	22.65	19.65	PASS
		1	37	22.48	19.48	PASS
		1	74	22.61	19.61	PASS
		37	0	21.89	18.89	PASS
		37	18	21.82	18.82	PASS
		37	38	21.85	18.85	PASS
		75	0	21.86	18.86	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.92	20.92	PASS
		1	49	23.84	20.84	PASS
		1	99	24.13	21.13	PASS
		50	0	22.97	19.97	PASS
		50	25	23.09	20.09	PASS
		50	50	23.39	20.39	PASS
		100	0	23.45	20.45	PASS
	MCH	1	0	23.61	20.61	PASS
		1	49	23.31	20.31	PASS
		1	99	23.22	20.22	PASS
		50	0	23.32	20.32	PASS
		50	25	23.11	20.11	PASS
		50	50	23.10	20.10	PASS
		100	0	23.18	20.18	PASS

	HCH	1	0	23.47	20.47	PASS
		1	49	23.06	20.06	PASS
		1	99	23.35	20.35	PASS
		50	0	22.94	19.94	PASS
		50	25	22.76	19.76	PASS
		50	50	22.72	19.72	PASS
		100	0	22.76	19.76	PASS
16QAM	LCH	1	0	23.20	20.20	PASS
		1	49	23.12	20.12	PASS
		1	99	23.51	20.51	PASS
		50	0	22.49	19.49	PASS
		50	25	22.41	19.41	PASS
		50	50	22.33	19.33	PASS
		100	0	22.43	19.43	PASS
	MCH	1	0	22.94	19.94	PASS
		1	49	22.65	19.65	PASS
		1	99	22.56	19.56	PASS
		50	0	22.28	19.28	PASS
		50	25	22.22	19.22	PASS
		50	50	22.17	19.17	PASS
		100	0	22.21	19.21	PASS
	HCH	1	0	22.87	19.87	PASS
		1	49	22.45	19.45	PASS
		1	99	22.65	19.65	PASS
		50	0	21.82	18.82	PASS
		50	25	21.83	18.83	PASS
		50	50	21.82	18.82	PASS
		100	0	21.86	18.86	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	2.45	<13	PASS
		1	12	2.83	<13	PASS
		1	24	2.61	<13	PASS
		12	0	3.28	<13	PASS
		12	6	3.40	<13	PASS
		12	13	3.32	<13	PASS
		25	0	3.32	<13	PASS
	MCH	1	0	2.97	<13	PASS
		1	12	3.41	<13	PASS
		1	24	3.29	<13	PASS
		12	0	3.88	<13	PASS
		12	6	4.00	<13	PASS
		12	13	3.96	<13	PASS
		25	0	3.96	<13	PASS
	HCH	1	0	2.69	<13	PASS
		1	12	3.02	<13	PASS
		1	24	2.28	<13	PASS
		12	0	3.86	<13	PASS
		12	6	3.85	<13	PASS
		12	13	3.50	<13	PASS
		25	0	3.66	<13	PASS
16QAM	LCH	1	0	3.15	<13	PASS
		1	12	3.64	<13	PASS
		1	24	3.39	<13	PASS
		12	0	4.10	<13	PASS
		12	6	4.15	<13	PASS
		12	13	4.20	<13	PASS
		25	0	4.22	<13	PASS
	MCH	1	0	3.79	<13	PASS
		1	12	4.13	<13	PASS

		1	24	3.98	<13	PASS
		12	0	4.70	<13	PASS
		12	6	4.76	<13	PASS
		12	13	4.84	<13	PASS
		25	0	4.85	<13	PASS
	HCH	1	0	3.56	<13	PASS
		1	12	3.76	<13	PASS
		1	24	3.11	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.47	<13	PASS
		12	13	4.43	<13	PASS
		25	0	4.55	<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	2.38	<13	PASS
		1	24	2.54	<13	PASS
		1	49	2.45	<13	PASS
		25	0	3.29	<13	PASS
		25	12	3.37	<13	PASS
		25	25	3.32	<13	PASS
		50	0	3.30	<13	PASS
	MCH	1	0	2.92	<13	PASS
		1	24	3.17	<13	PASS
		1	49	3.49	<13	PASS
		25	0	3.80	<13	PASS
		25	12	3.94	<13	PASS
		25	25	4.08	<13	PASS
		50	0	4.00	<13	PASS
	HCH	1	0	2.51	<13	PASS
		1	24	2.83	<13	PASS
		1	49	2.48	<13	PASS
		25	0	3.55	<13	PASS
		25	12	3.73	<13	PASS
		25	25	3.65	<13	PASS
		50	0	3.69	<13	PASS
16QAM	LCH	1	0	3.18	<13	PASS
		1	24	3.42	<13	PASS
		1	49	3.28	<13	PASS

		25	0	4.20	<13	PASS
		25	12	4.22	<13	PASS
		25	25	4.23	<13	PASS
		50	0	4.29	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	24	4.00	<13	PASS
		1	49	4.32	<13	PASS
		25	0	4.76	<13	PASS
		25	12	4.85	<13	PASS
		25	25	4.95	<13	PASS
		50	0	4.94	<13	PASS
	HCH	1	0	3.36	<13	PASS
		1	24	3.63	<13	PASS
		1	49	3.39	<13	PASS
		25	0	4.38	<13	PASS
		25	12	4.47	<13	PASS
		25	25	4.54	<13	PASS
		50	0	4.56	<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	2.42	<13	PASS
		1	37	2.68	<13	PASS
		1	74	2.19	<13	PASS
		37	0	3.44	<13	PASS
		37	18	3.49	<13	PASS
		37	38	3.19	<13	PASS
		75	0	3.68	<13	PASS
	MCH	1	0	2.81	<13	PASS
		1	37	3.43	<13	PASS
		1	74	3.48	<13	PASS
		37	0	3.62	<13	PASS
		37	18	3.89	<13	PASS
		37	38	4.05	<13	PASS
		75	0	4.34	<13	PASS
	HCH	1	0	2.32	<13	PASS
		1	37	2.76	<13	PASS
		1	74	2.49	<13	PASS
		37	0	3.17	<13	PASS

16QAM		37	18	3.49	<13	PASS
		37	38	3.65	<13	PASS
		75	0	3.97	<13	PASS
	LCH	1	0	3.15	<13	PASS
		1	37	3.49	<13	PASS
		1	74	2.97	<13	PASS
		37	0	4.25	<13	PASS
		37	18	4.23	<13	PASS
		37	38	4.13	<13	PASS
		75	0	4.53	<13	PASS
	MCH	1	0	3.54	<13	PASS
		1	37	4.22	<13	PASS
		1	74	4.34	<13	PASS
		37	0	4.63	<13	PASS
		37	18	4.79	<13	PASS
		37	38	4.94	<13	PASS
		75	0	5.16	<13	PASS
	HCH	1	0	3.11	<13	PASS
		1	37	3.53	<13	PASS
		1	74	3.5	<13	PASS
		37	0	4.00	<13	PASS
		37	18	4.27	<13	PASS
		37	38	4.48	<13	PASS
		75	0	4.71	<13	PASS

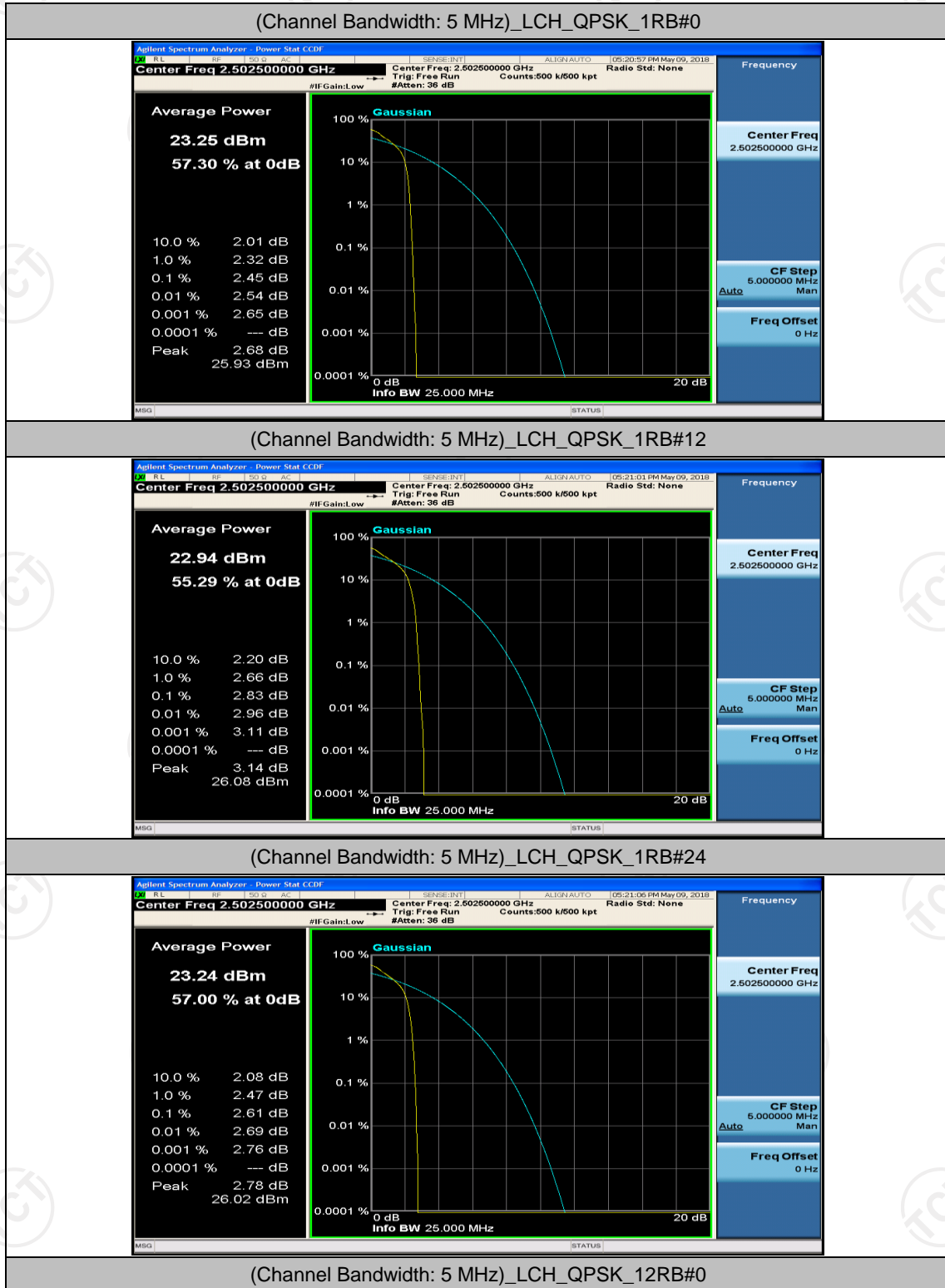
Channel Bandwidth: 20 MHz

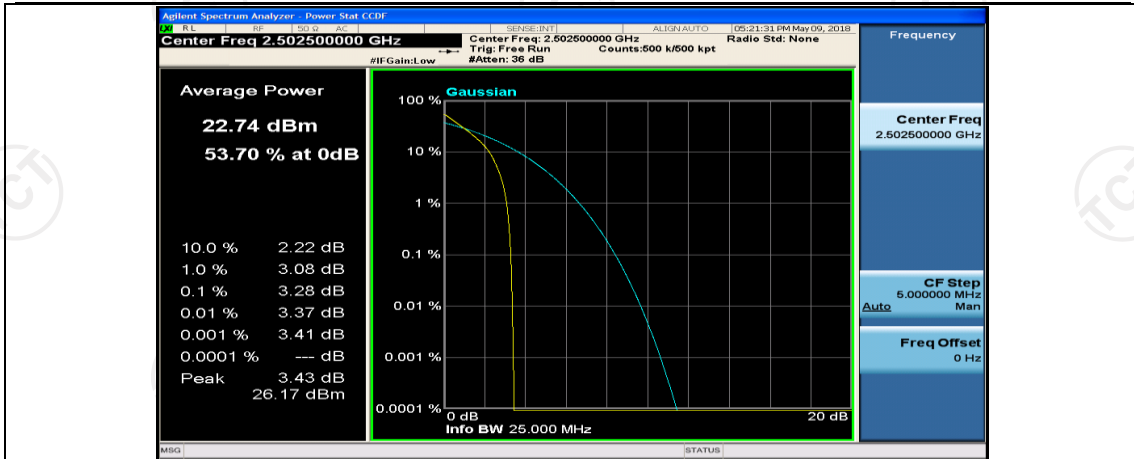
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.43	<13	PASS
		1	49	2.53	<13	PASS
		1	99	2.03	<13	PASS
		50	0	3.93	<13	PASS
		50	25	3.65	<13	PASS
		50	50	3.44	<13	PASS
		100	0	4.12	<13	PASS
	MCH	1	0	2.65	<13	PASS
		1	49	3.44	<13	PASS
		1	99	3.33	<13	PASS
		50	0	3.70	<13	PASS
		50	25	4.07	<13	PASS

		50	50	4.27	<13	PASS
		100	0	4.59	<13	PASS
	HCH	1	0	2.46	<13	PASS
		1	49	2.75	<13	PASS
		1	99	2.63	<13	PASS
		50	0	3.29	<13	PASS
		50	25	3.41	<13	PASS
		50	50	3.92	<13	PASS
		100	0	4.34	<13	PASS
		100	0	4.34	<13	PASS
16QAM	LCH	1	0	3.11	<13	PASS
		1	49	3.25	<13	PASS
		1	99	2.71	<13	PASS
		50	0	4.35	<13	PASS
		50	25	4.26	<13	PASS
		50	50	4.36	<13	PASS
		100	0	4.87	<13	PASS
		100	0	4.87	<13	PASS
	MCH	1	0	3.39	<13	PASS
		1	49	4.14	<13	PASS
		1	99	4.03	<13	PASS
		50	0	4.74	<13	PASS
		50	25	4.92	<13	PASS
		50	50	5.10	<13	PASS
		100	0	5.38	<13	PASS
		100	0	5.38	<13	PASS
	HCH	1	0	3.16	<13	PASS
		1	49	3.41	<13	PASS
		1	99	3.48	<13	PASS
		50	0	4.28	<13	PASS
		50	25	4.28	<13	PASS
		50	50	4.69	<13	PASS
		100	0	5.05	<13	PASS
		100	0	5.05	<13	PASS

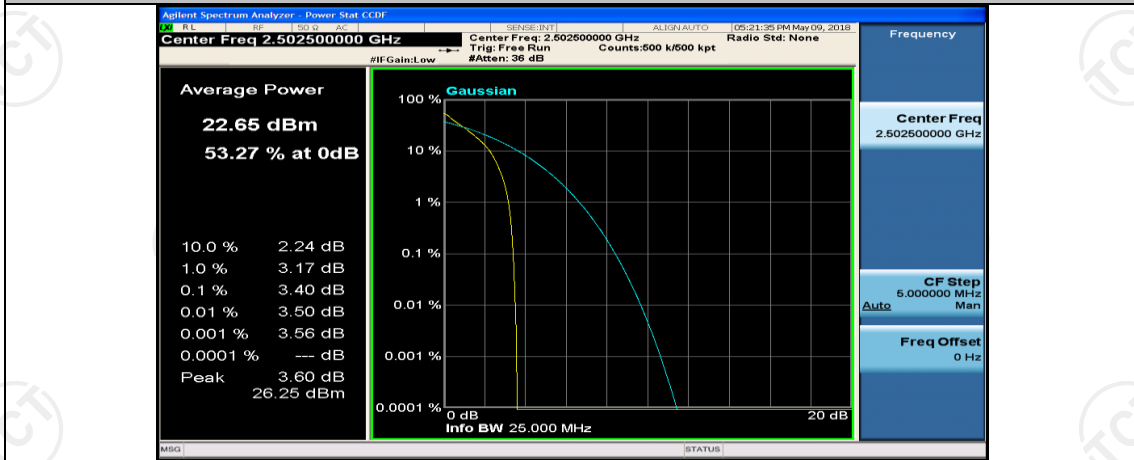
Test Graphs

Channel Bandwidth: 5 MHz

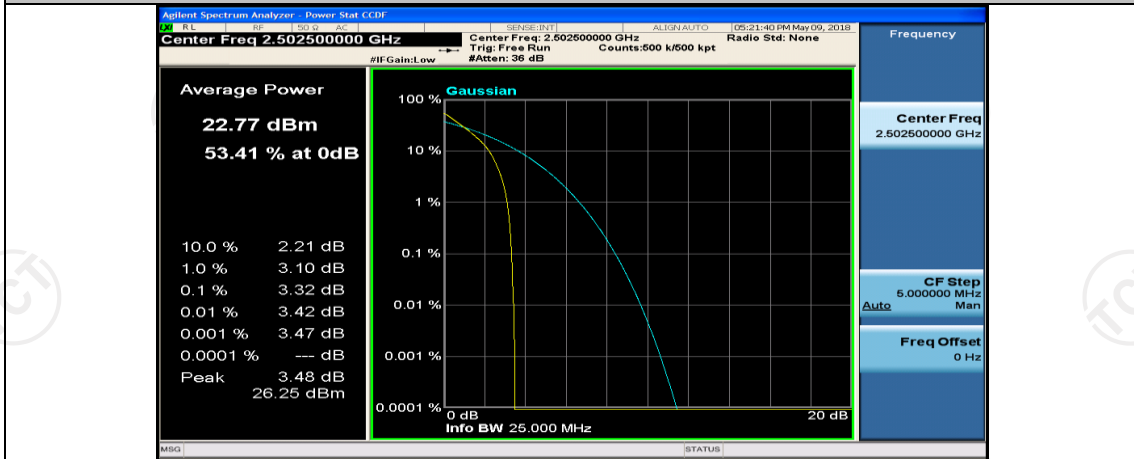




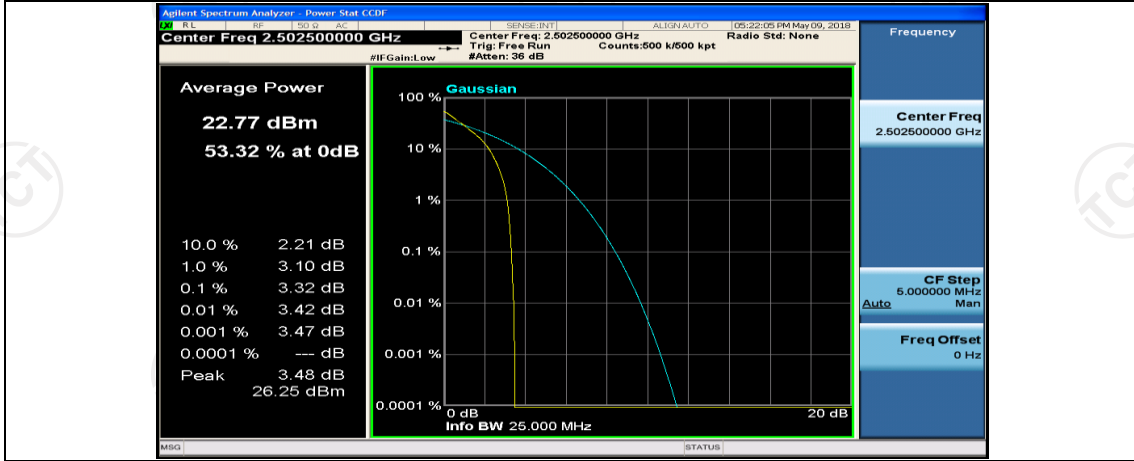
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



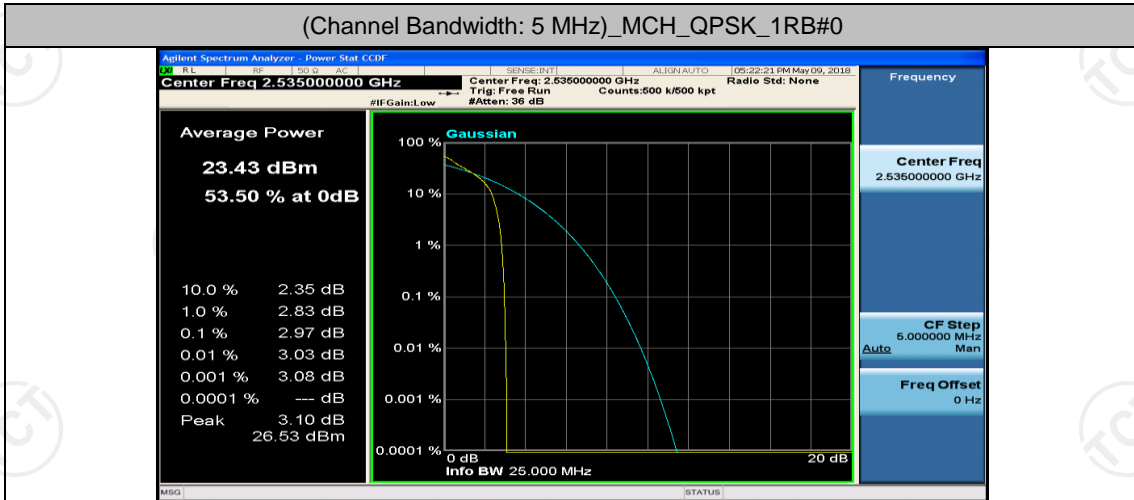
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



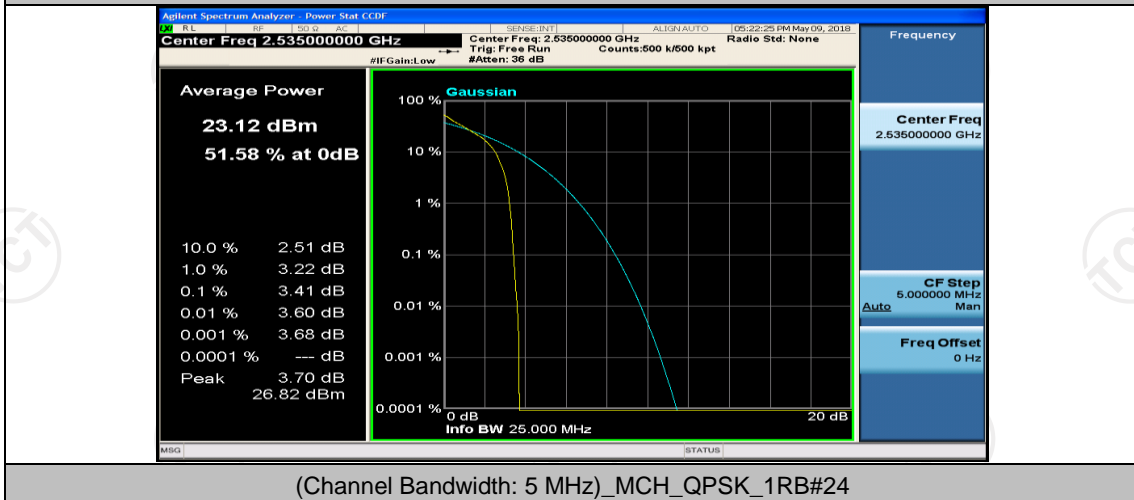
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



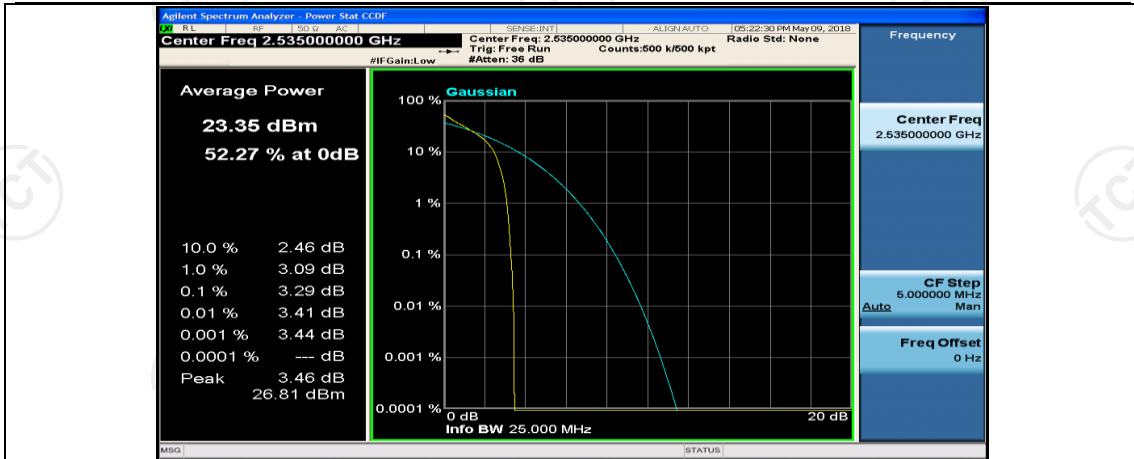
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



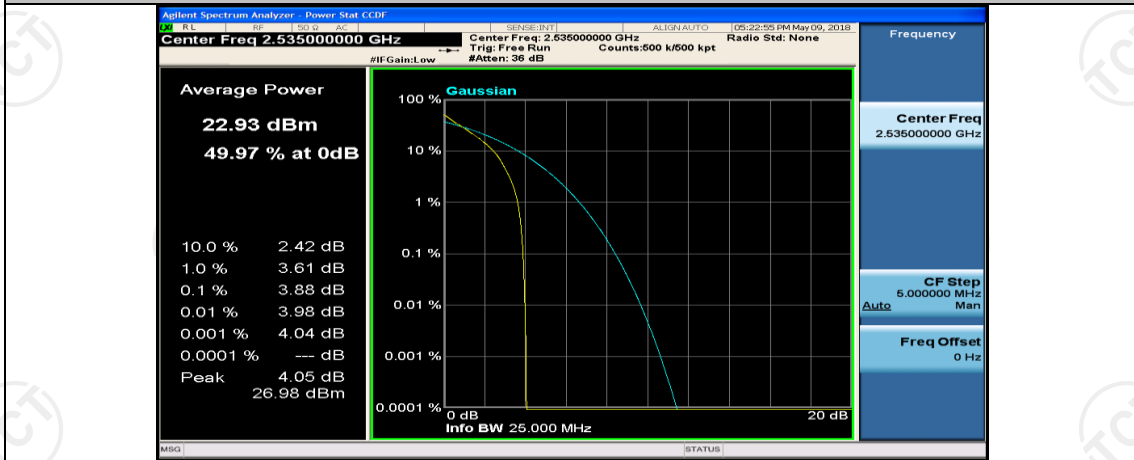
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



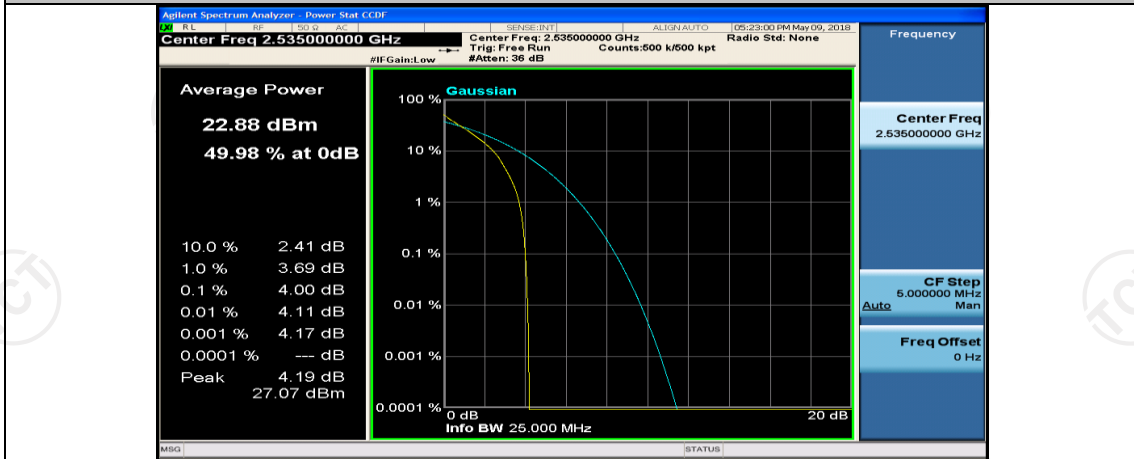
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



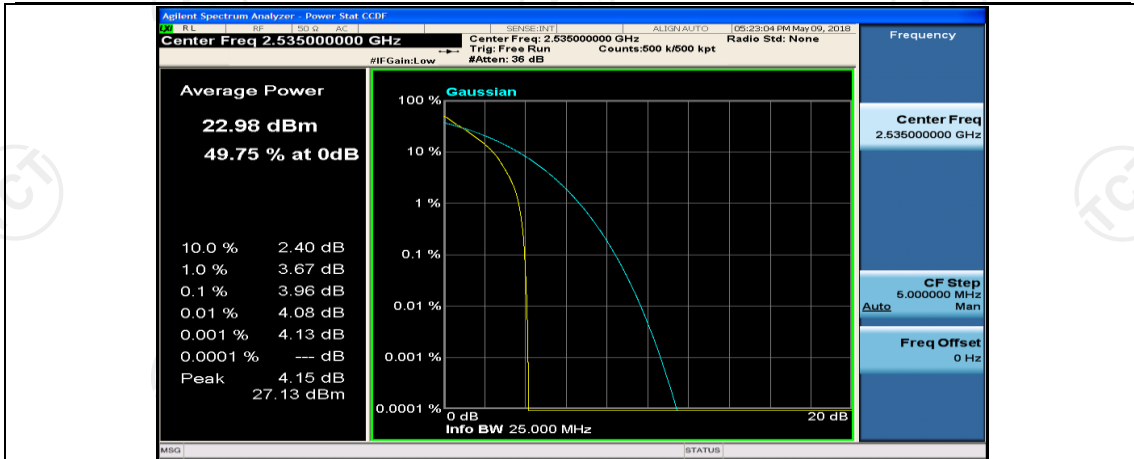
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



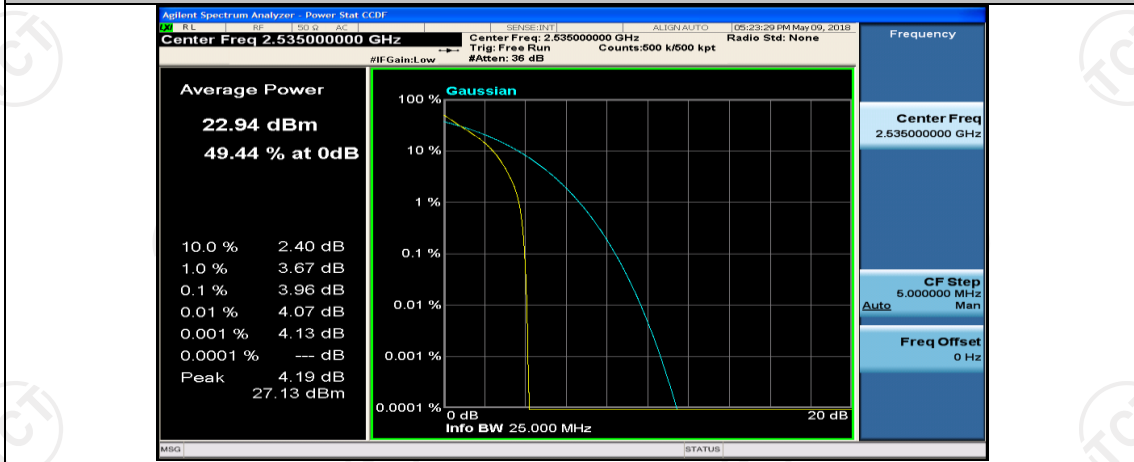
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



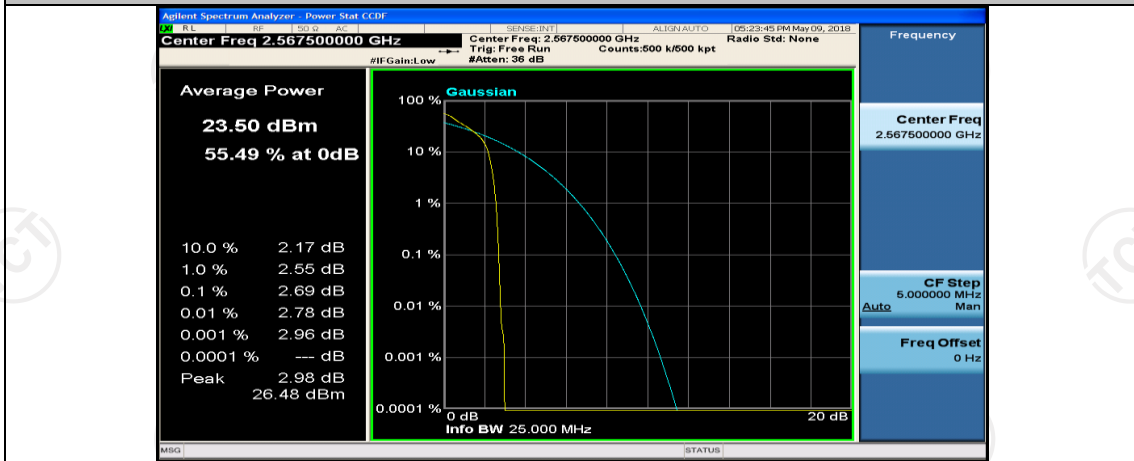
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



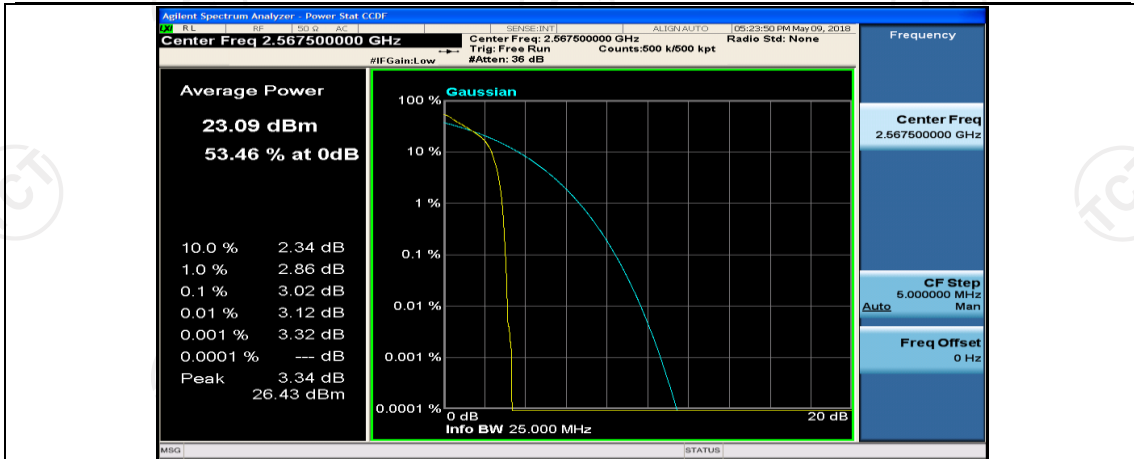
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



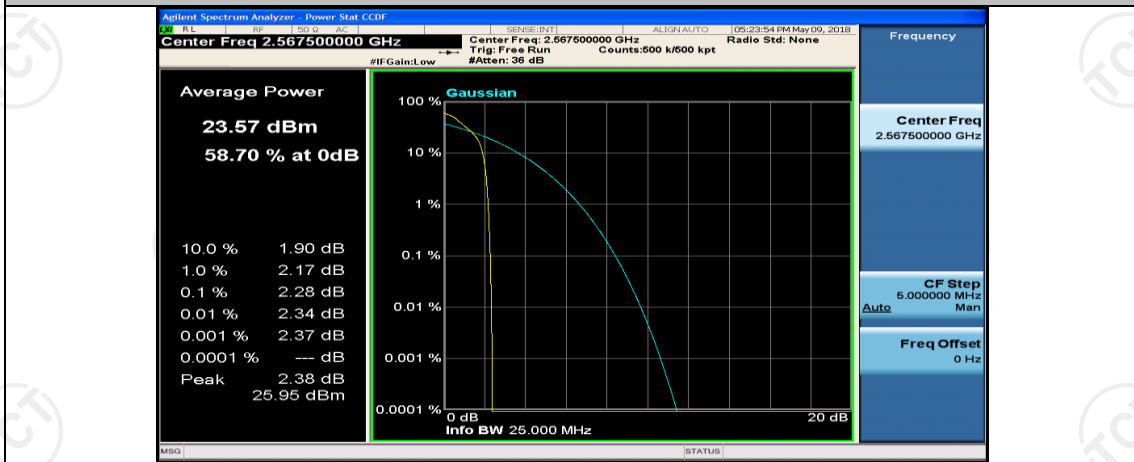
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



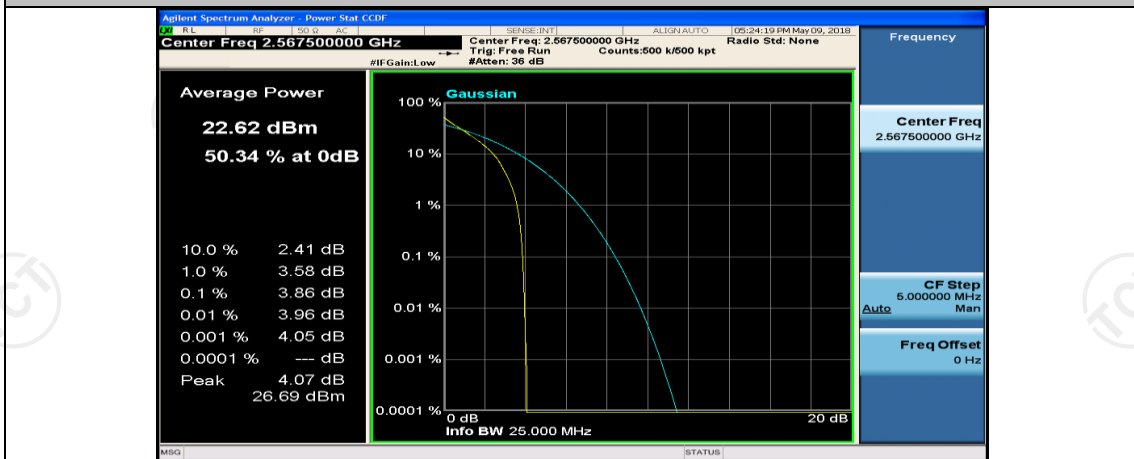
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



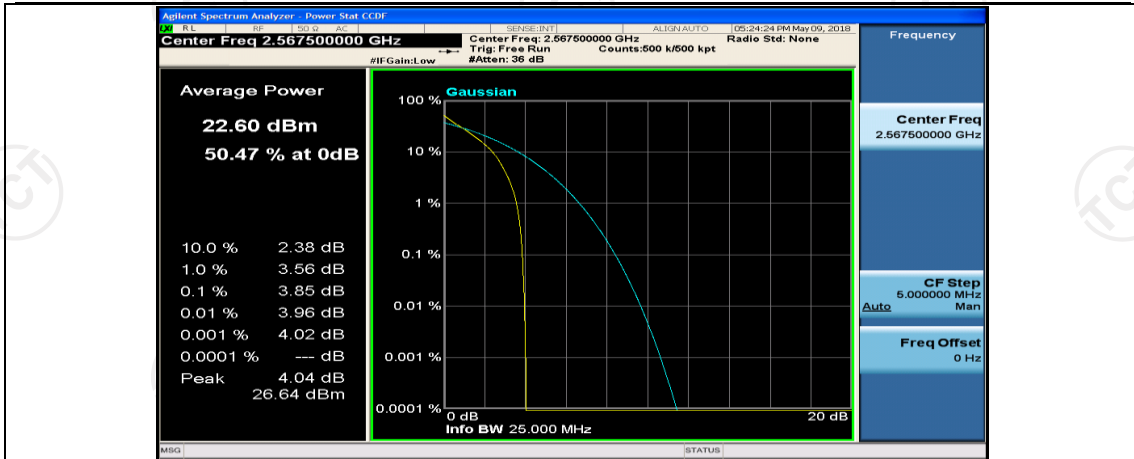
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



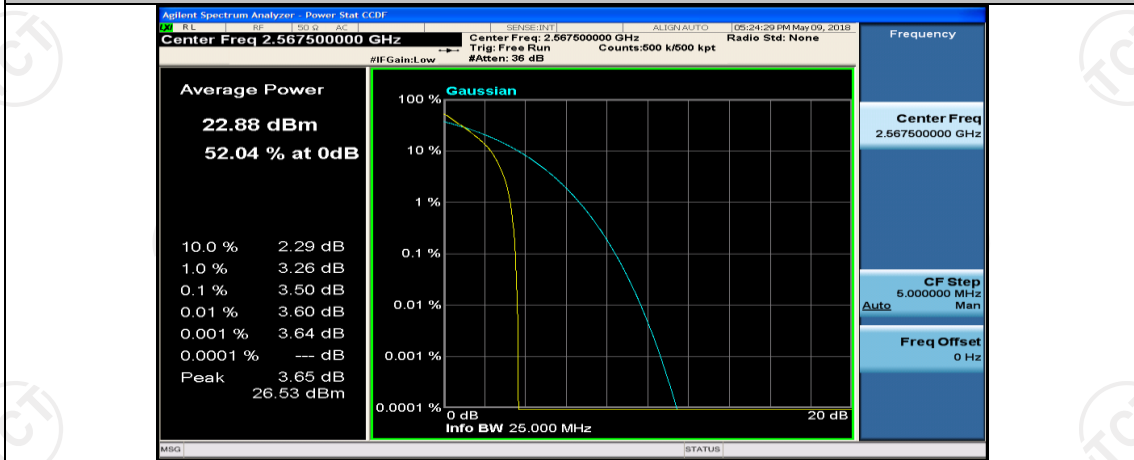
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



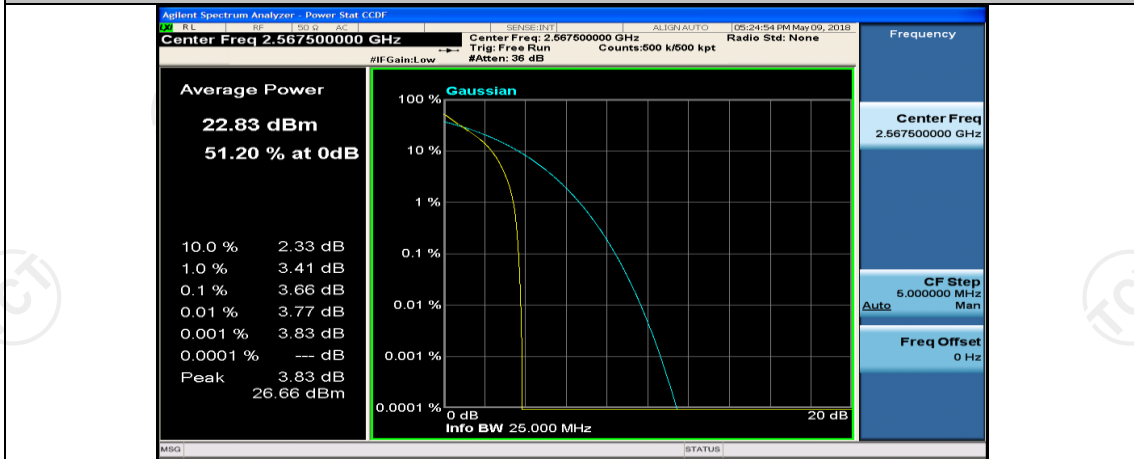
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



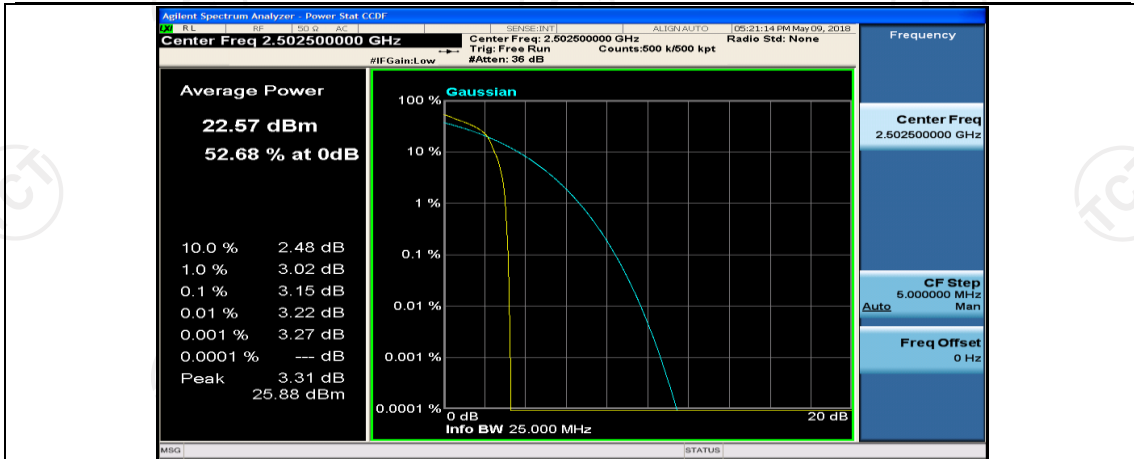
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



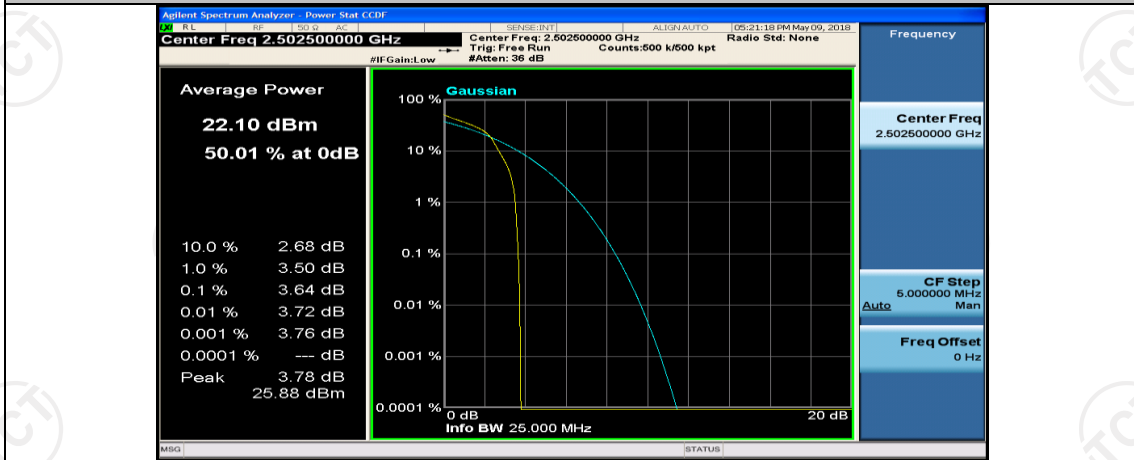
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



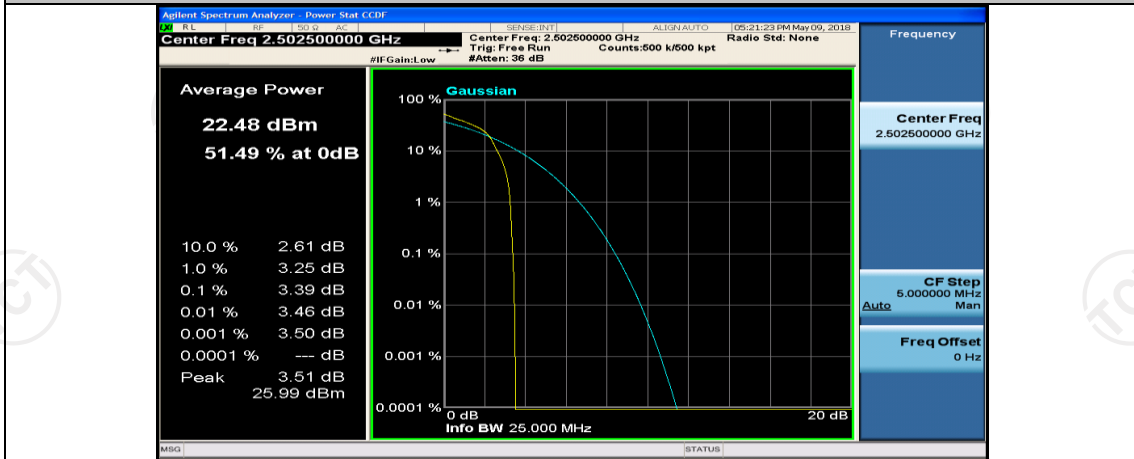
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



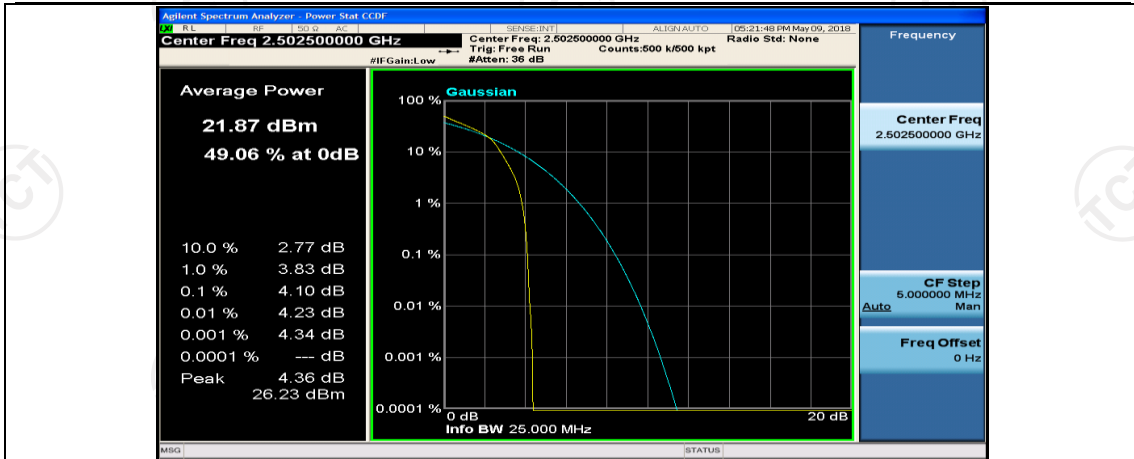
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



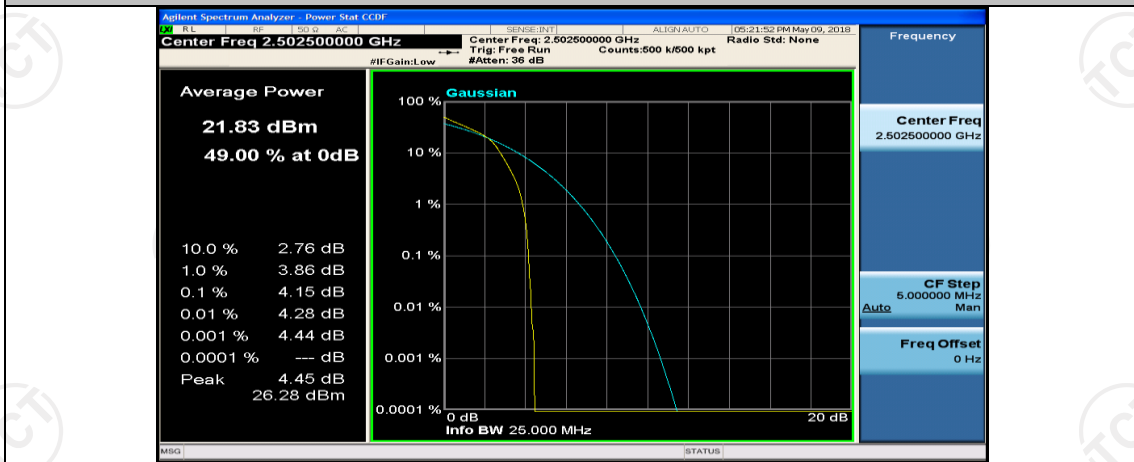
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



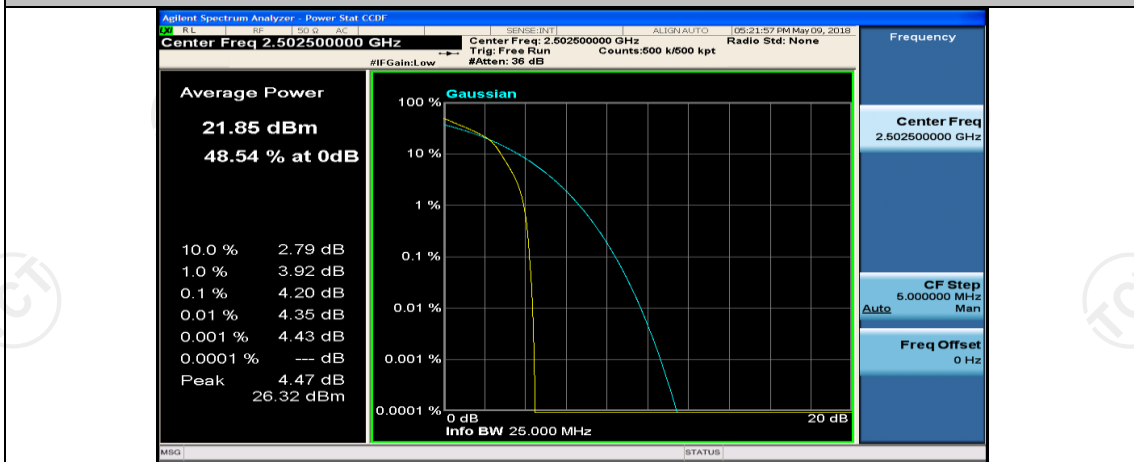
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



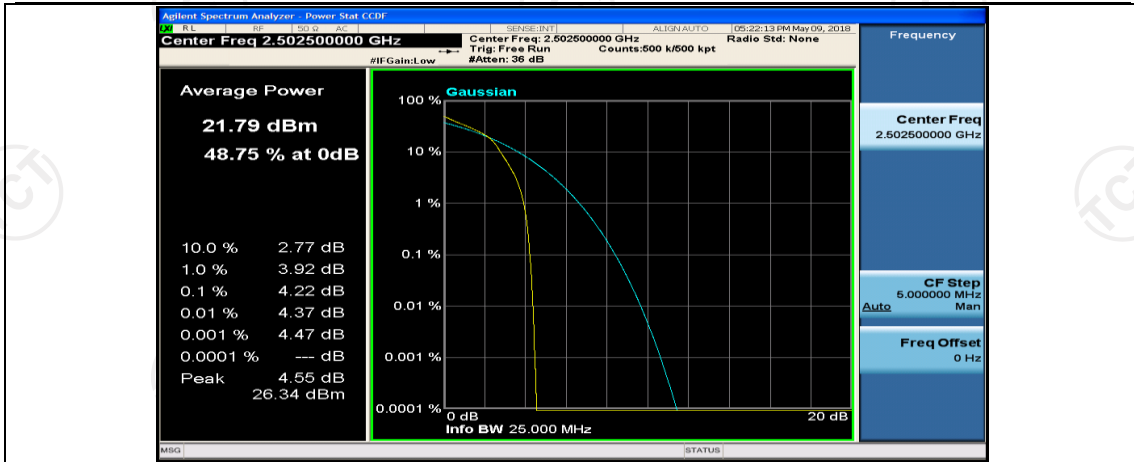
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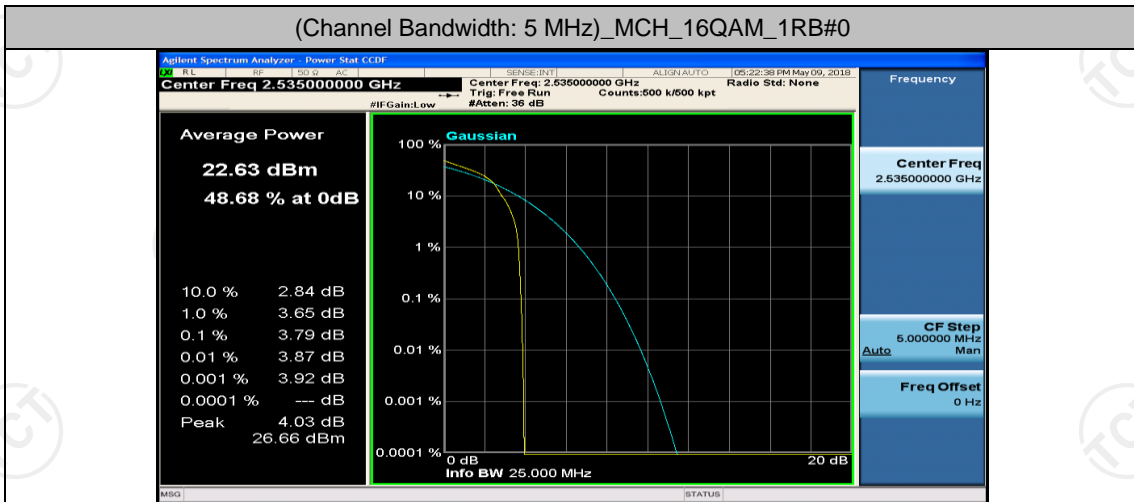
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



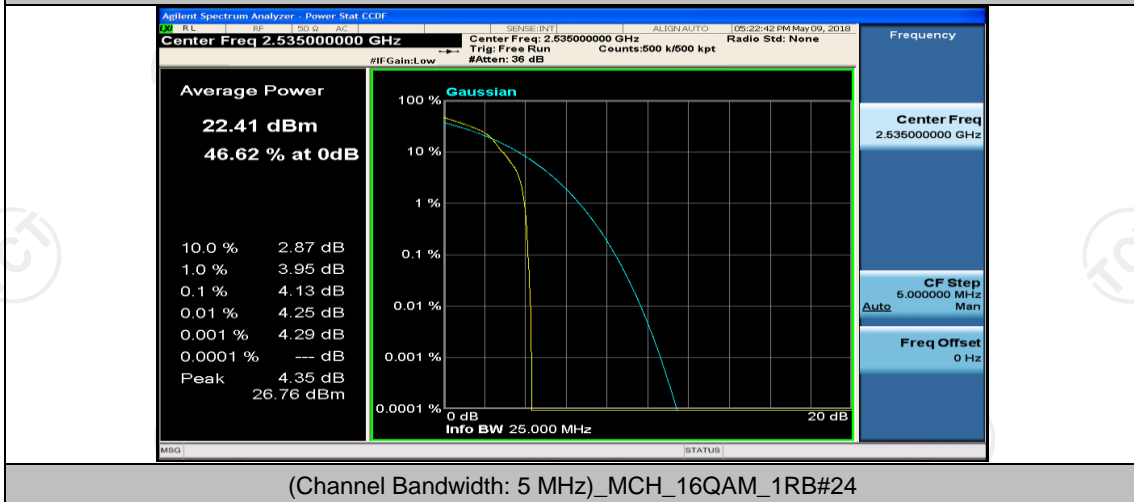
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



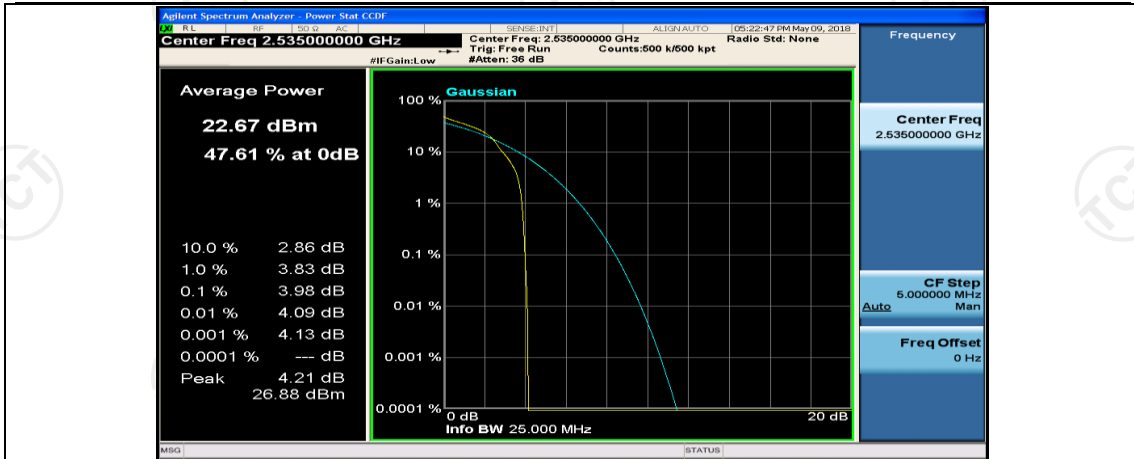
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



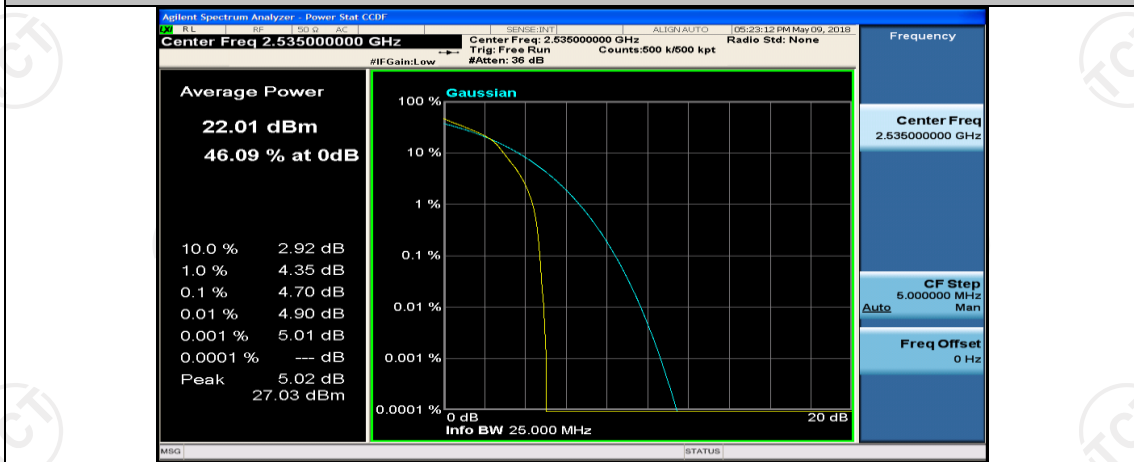
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



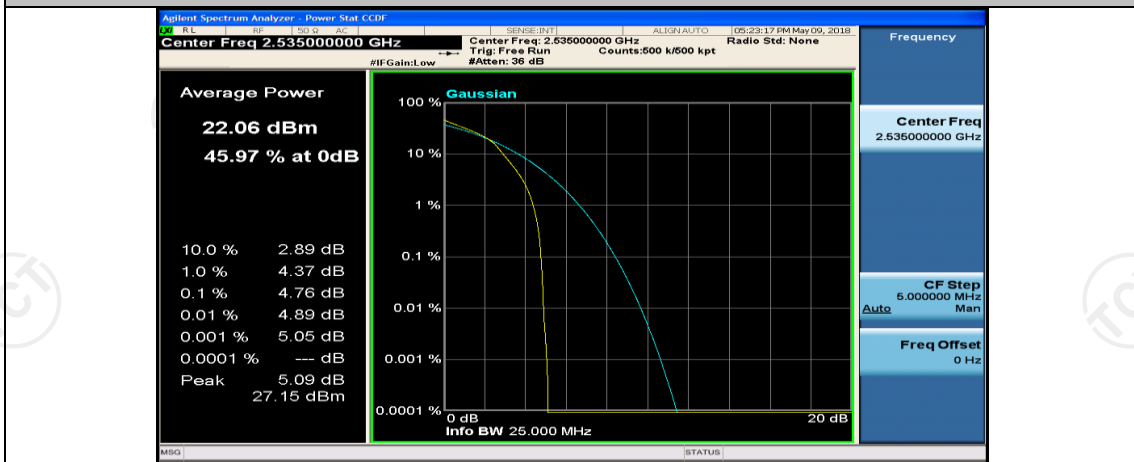
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



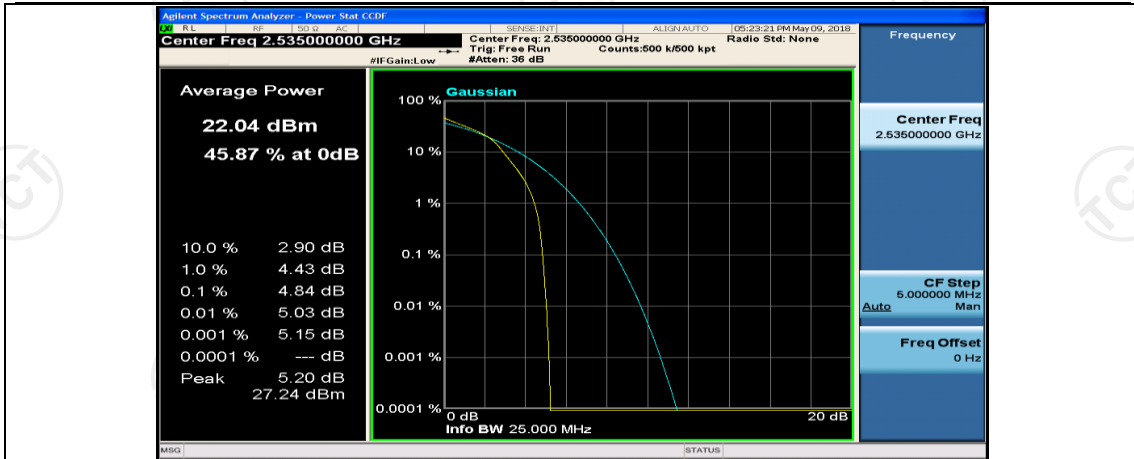
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



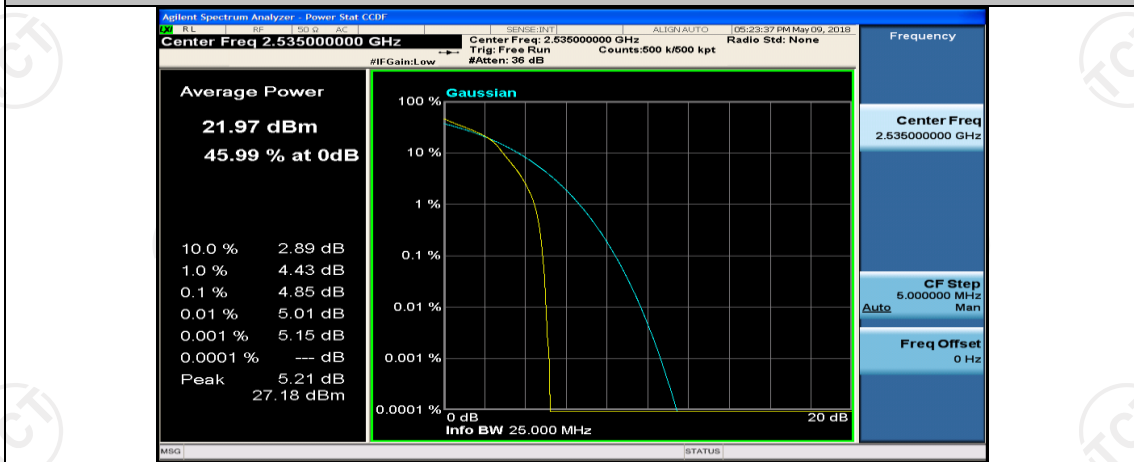
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



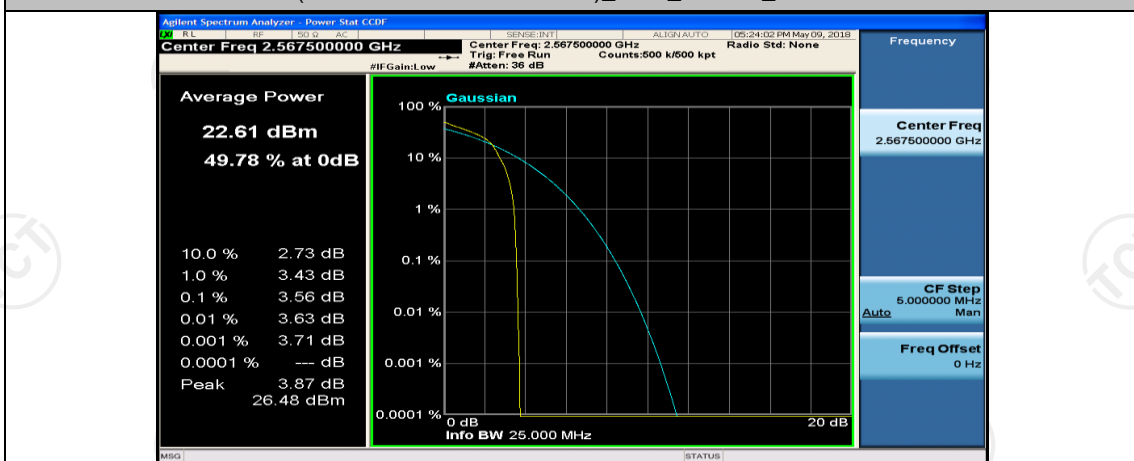
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



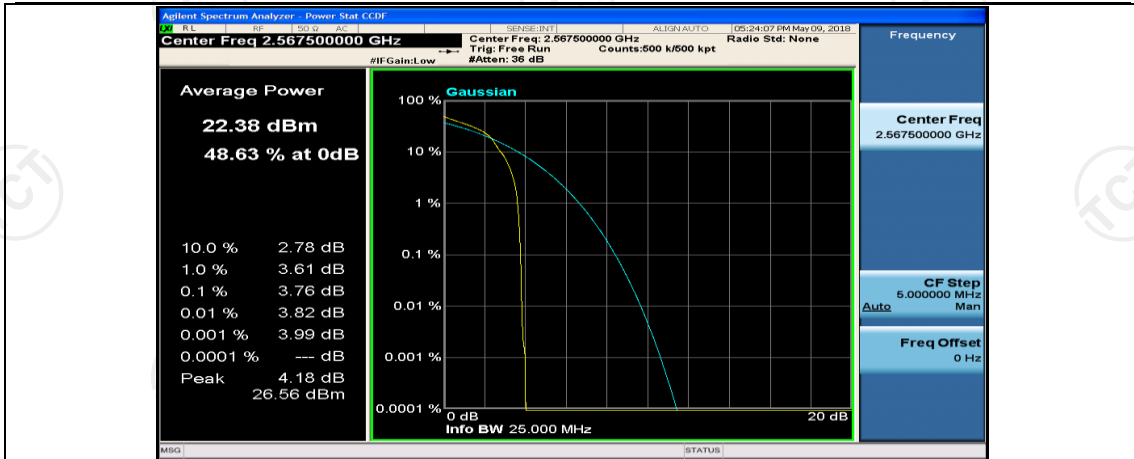
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



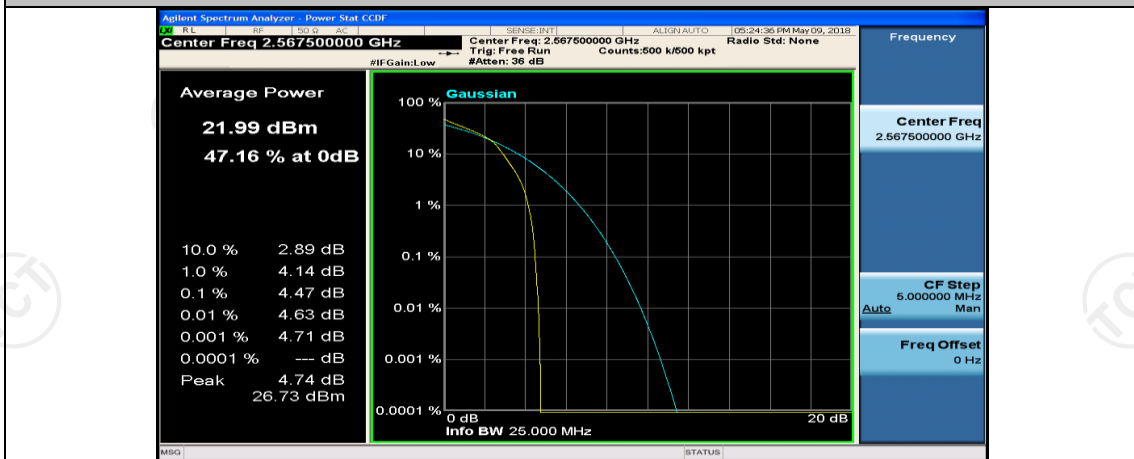
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



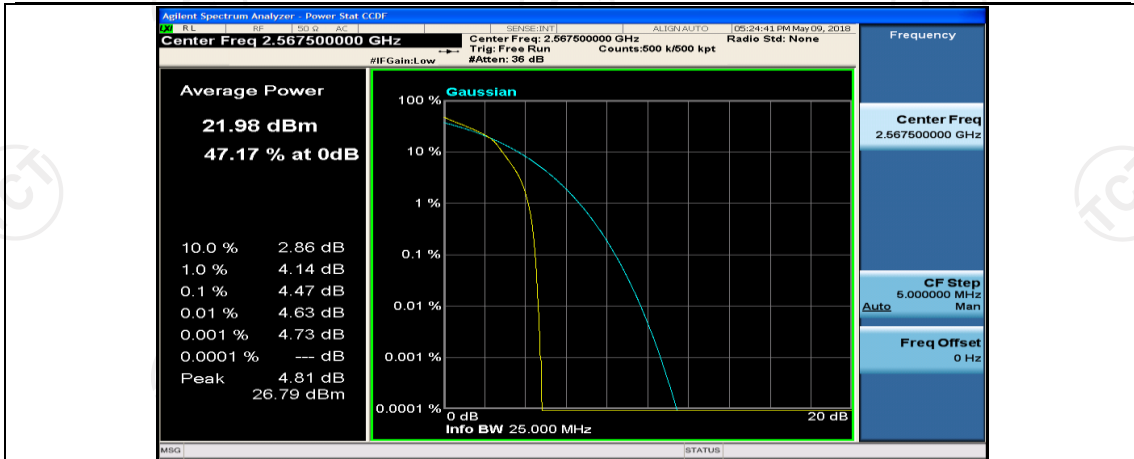
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



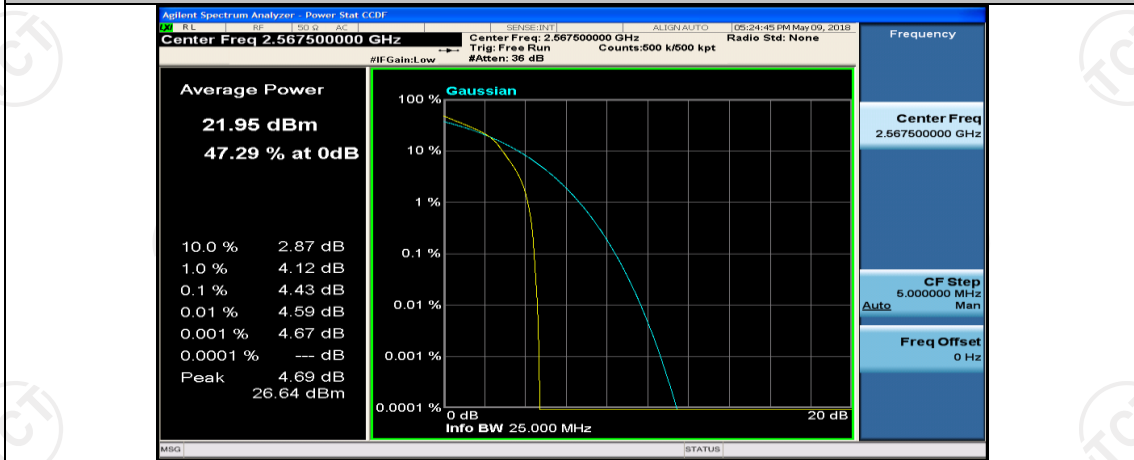
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



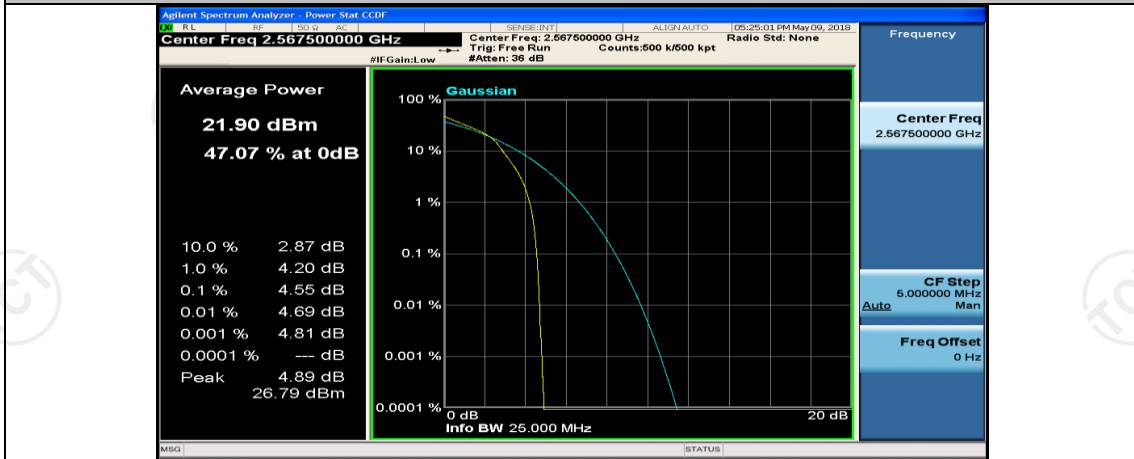
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



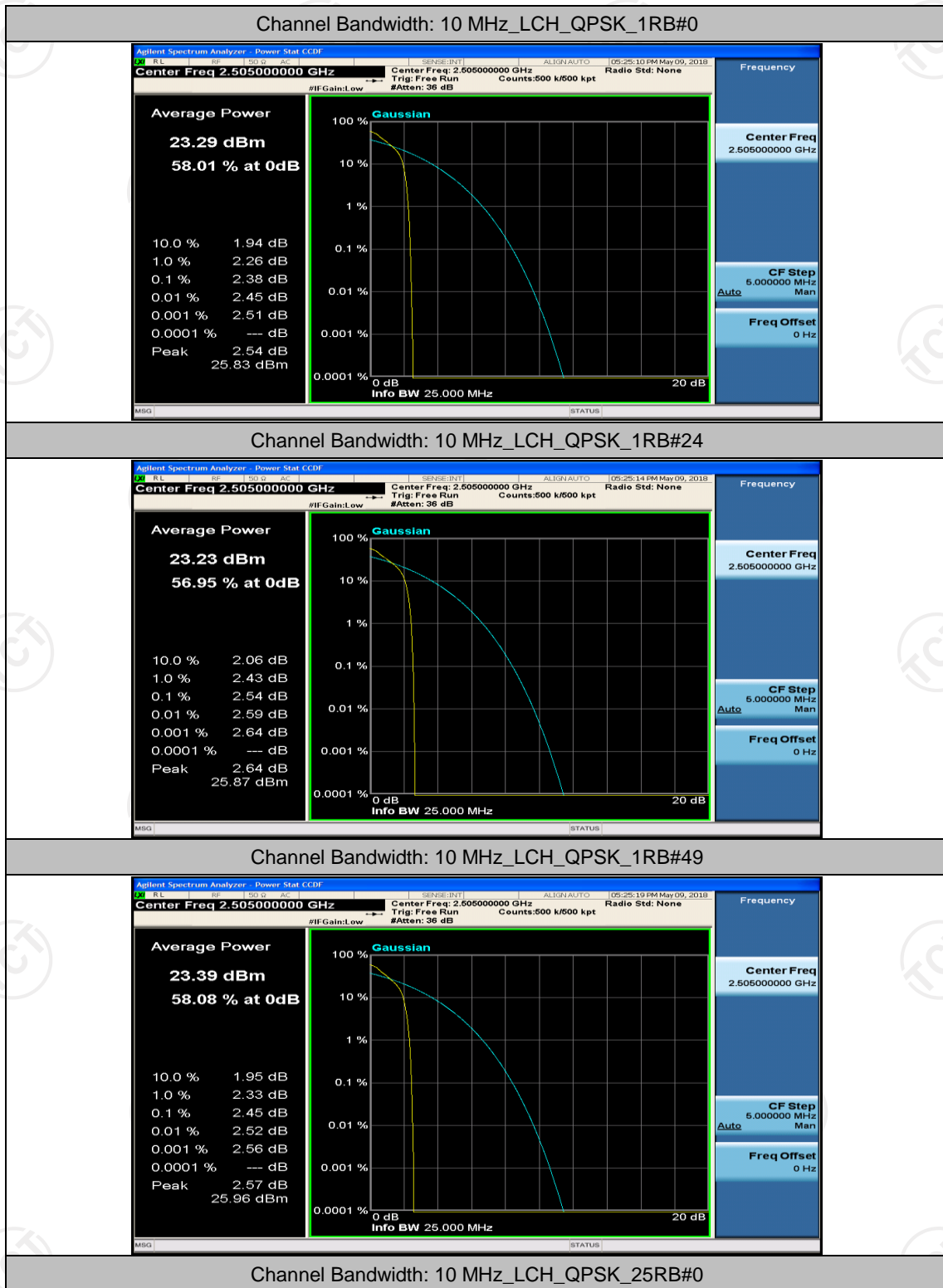
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

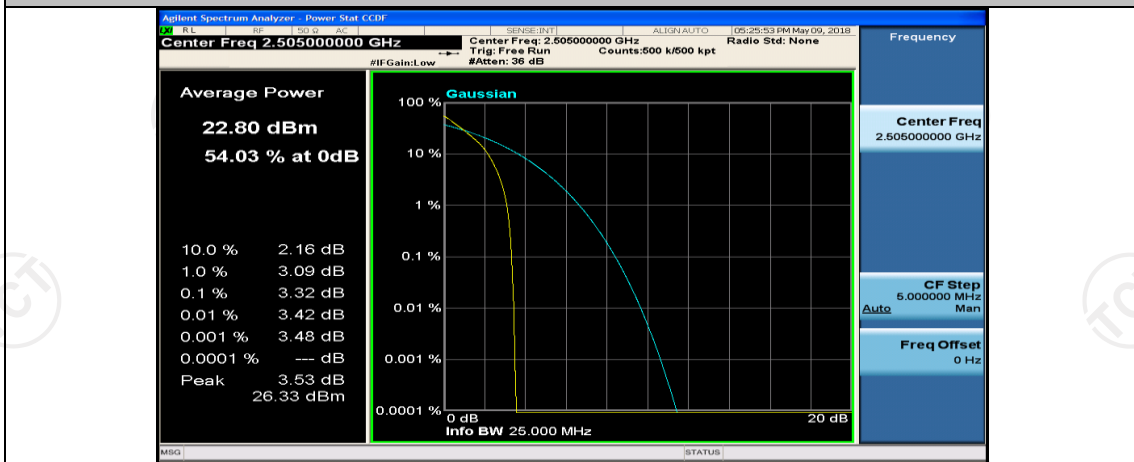
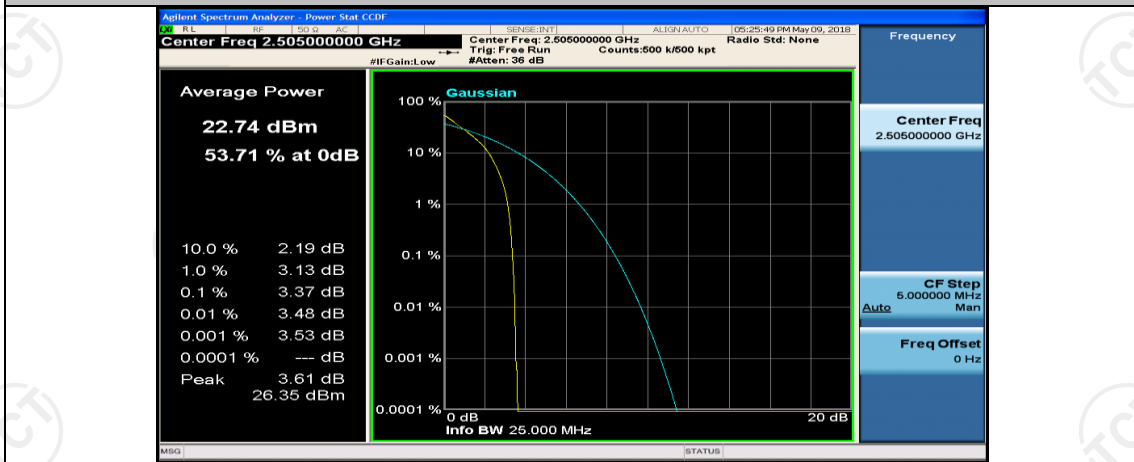
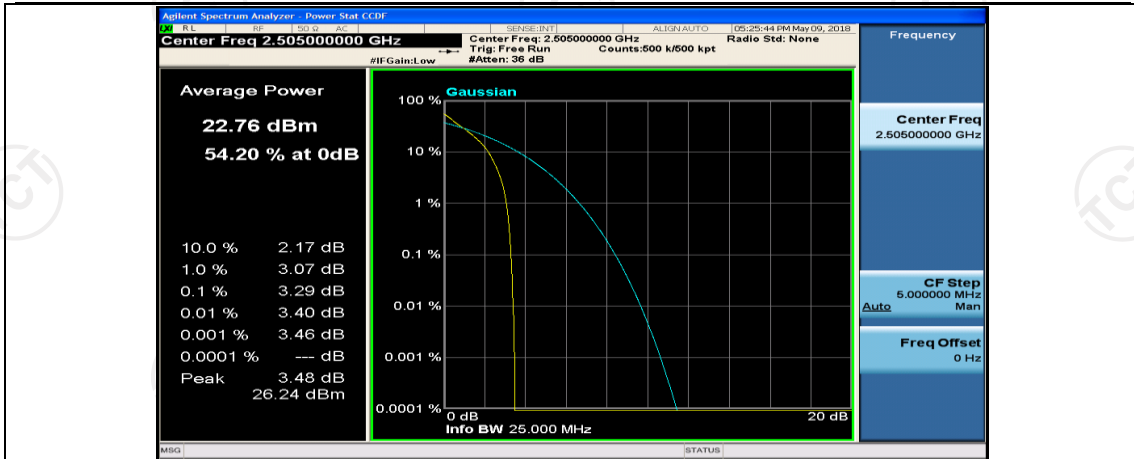


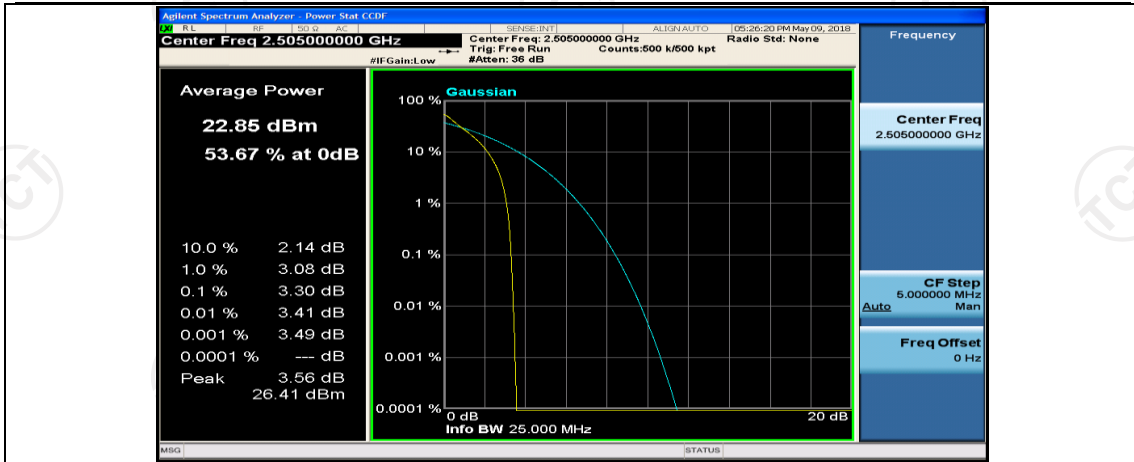
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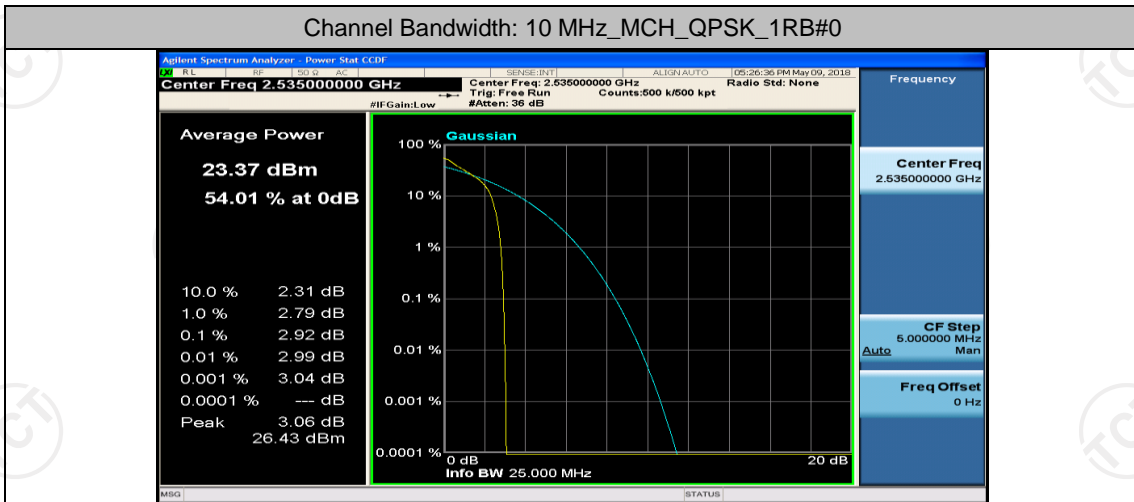
Channel Bandwidth: 10 MHz



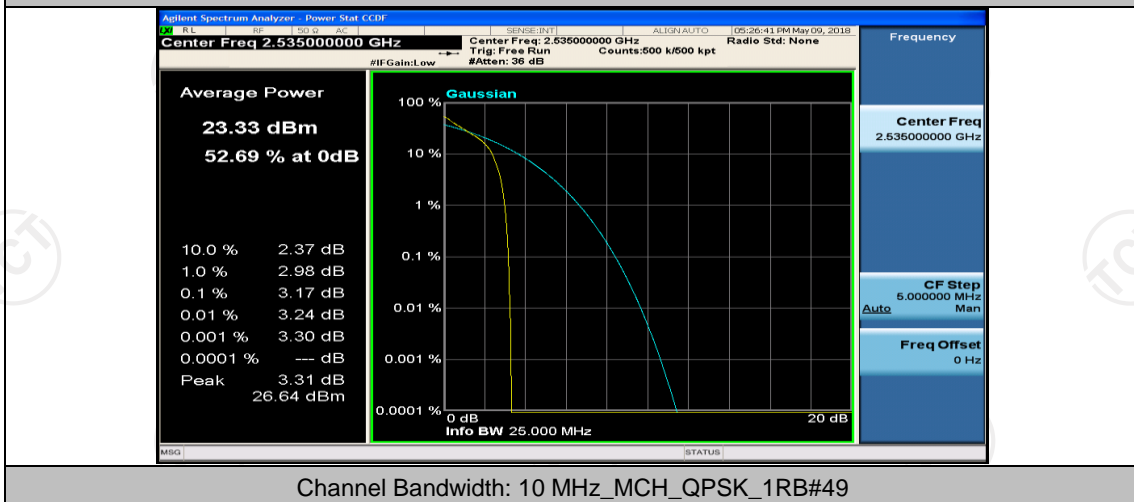




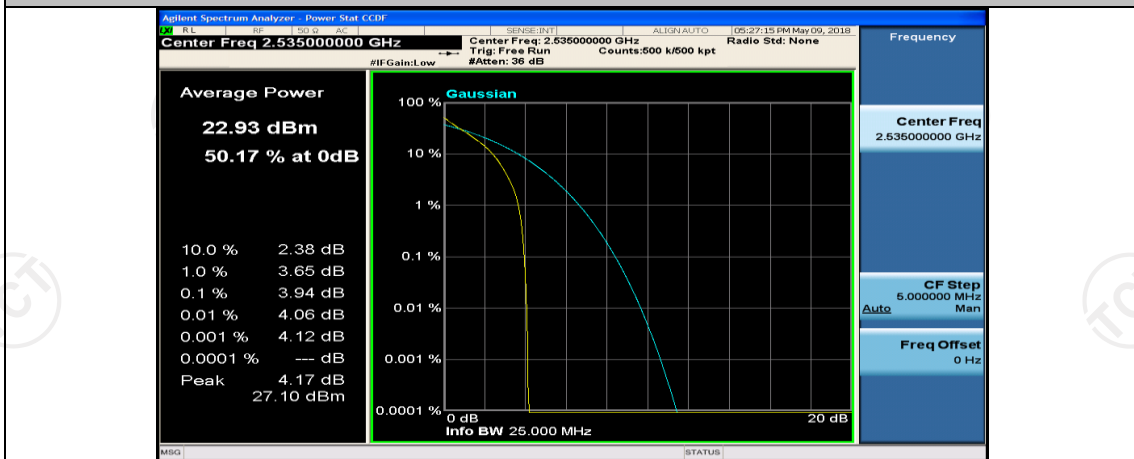
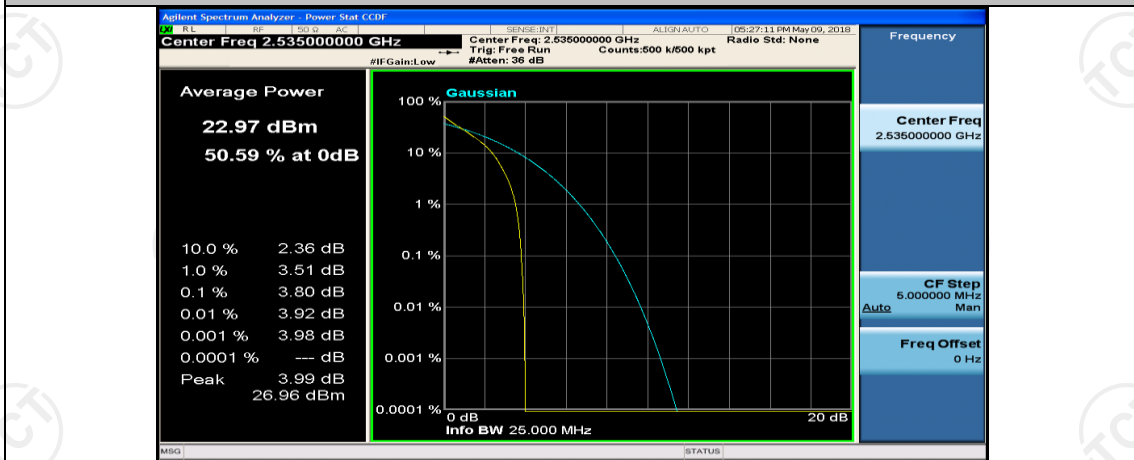
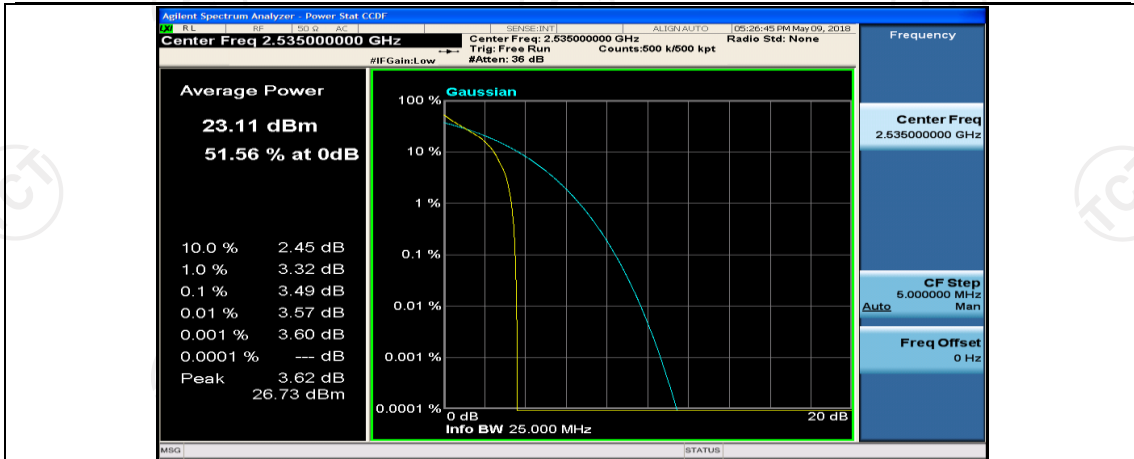
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

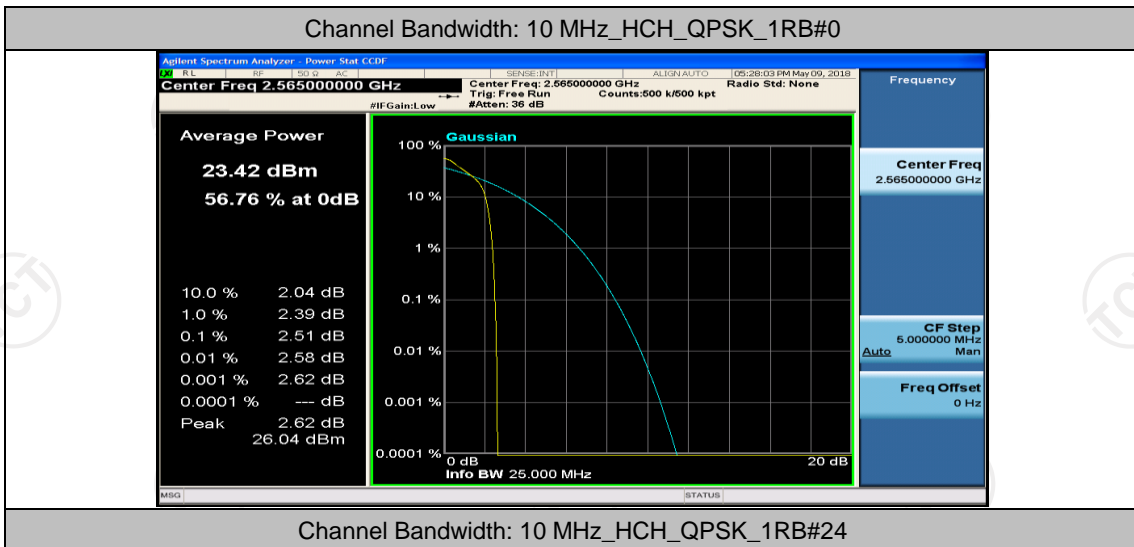
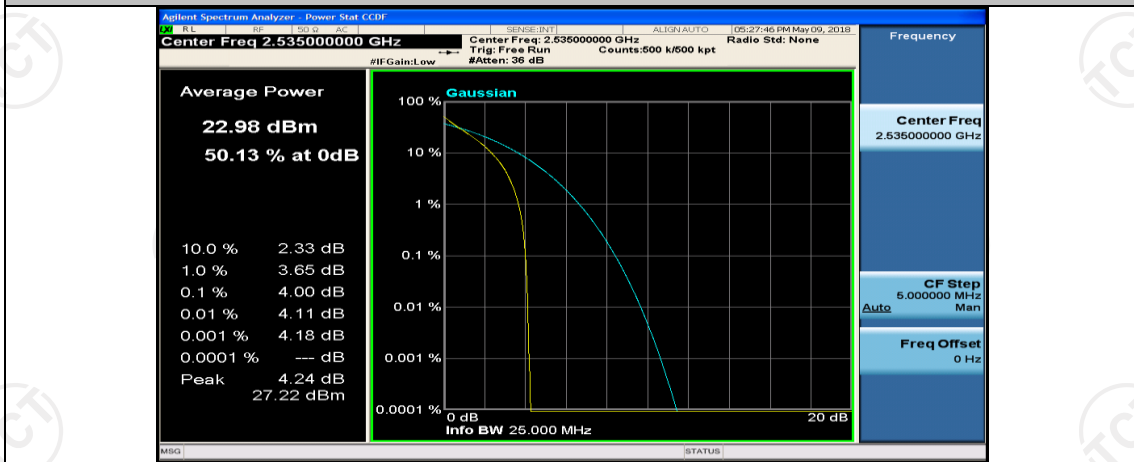
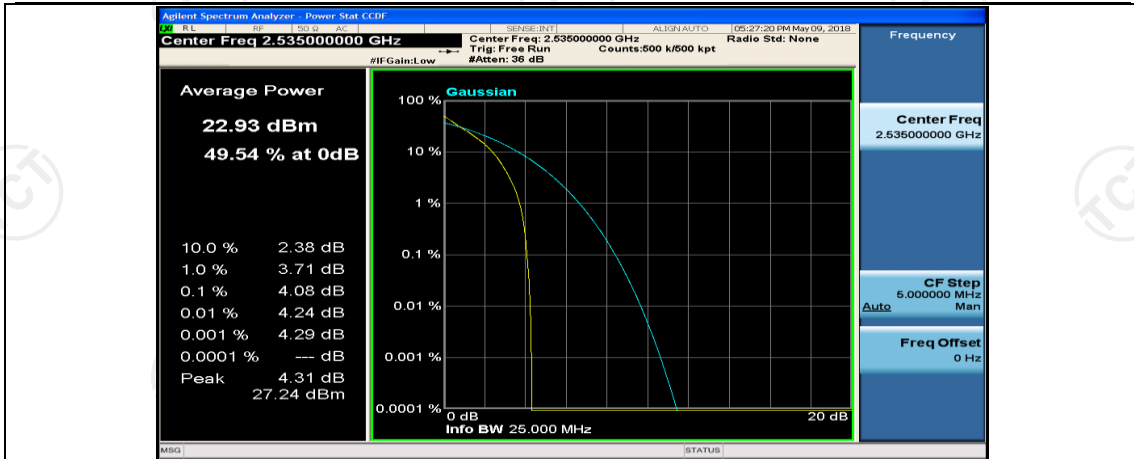


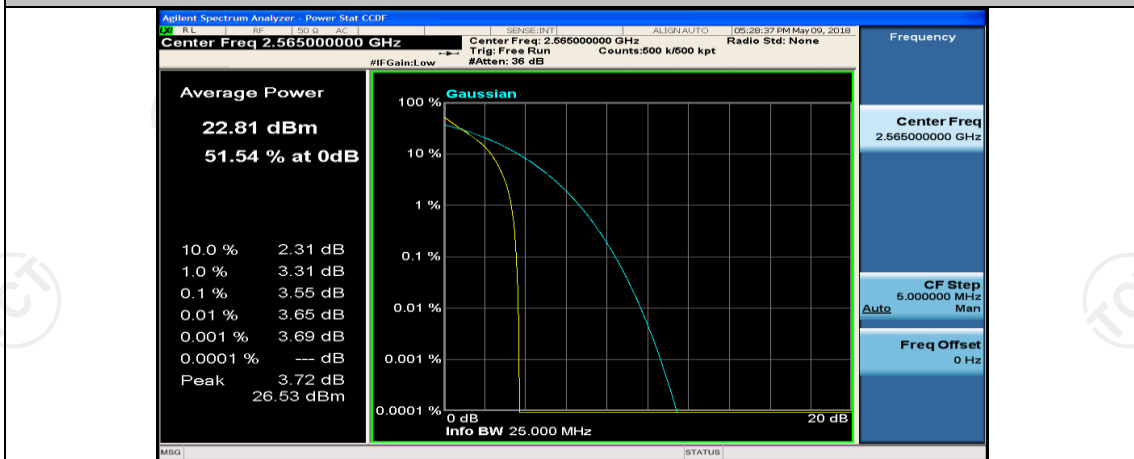
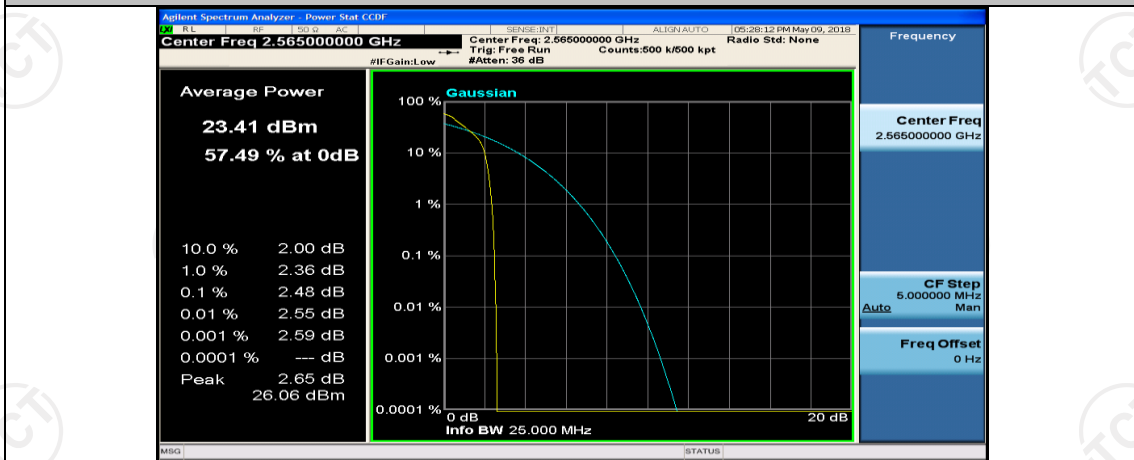
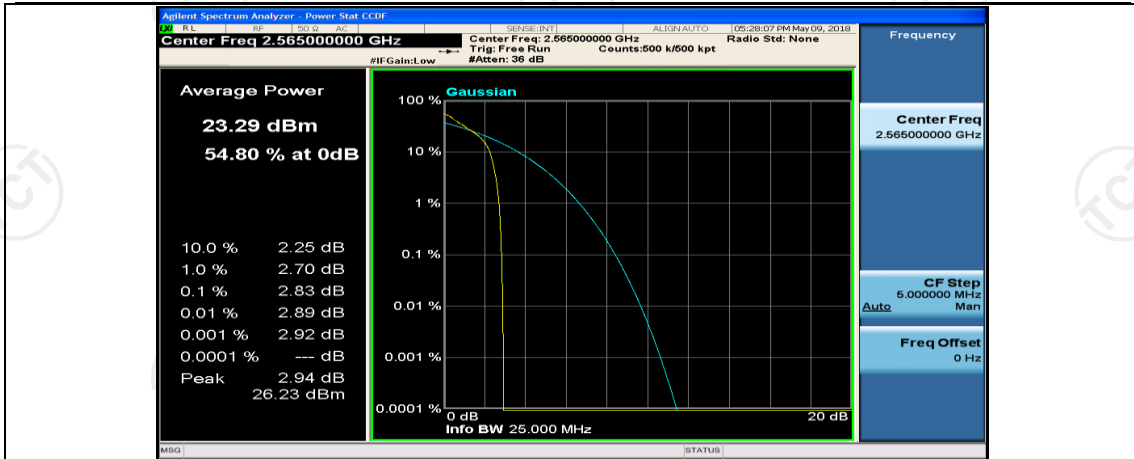
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

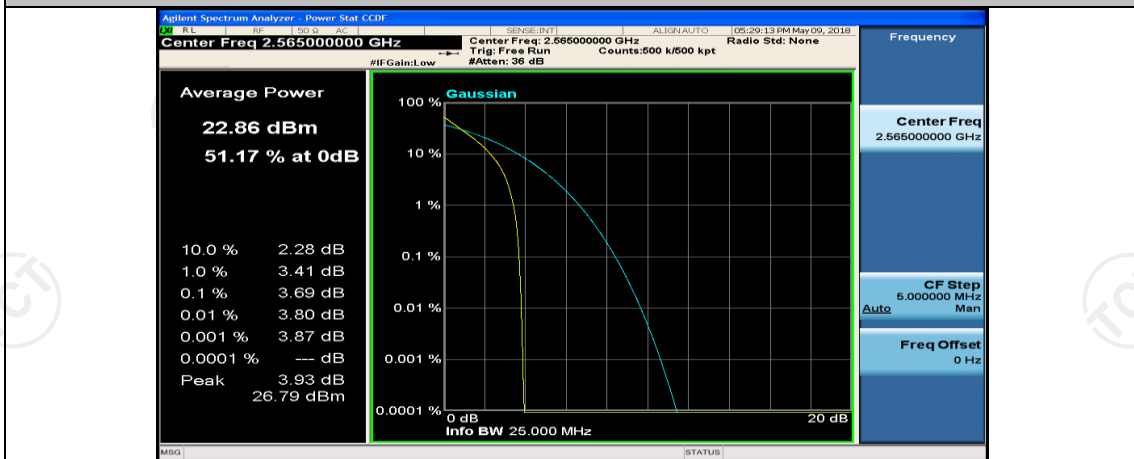
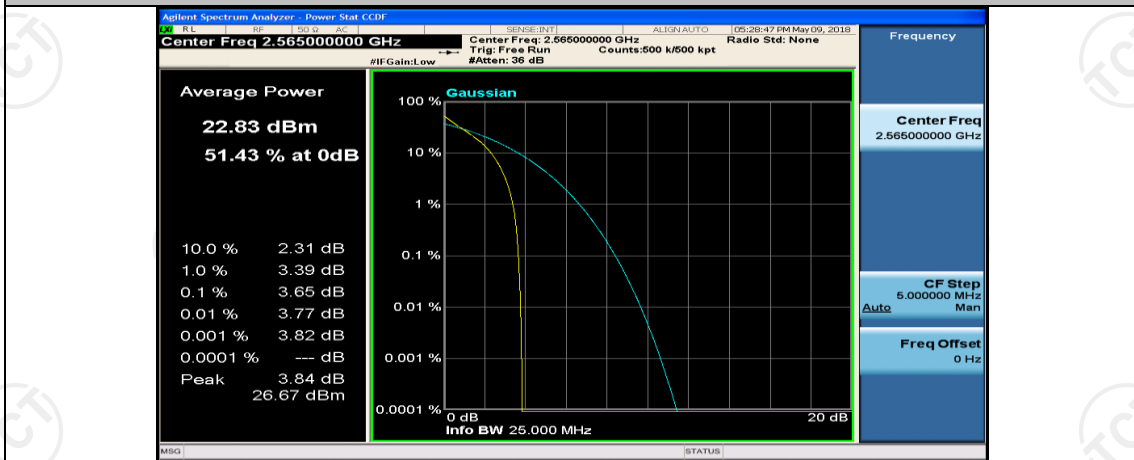
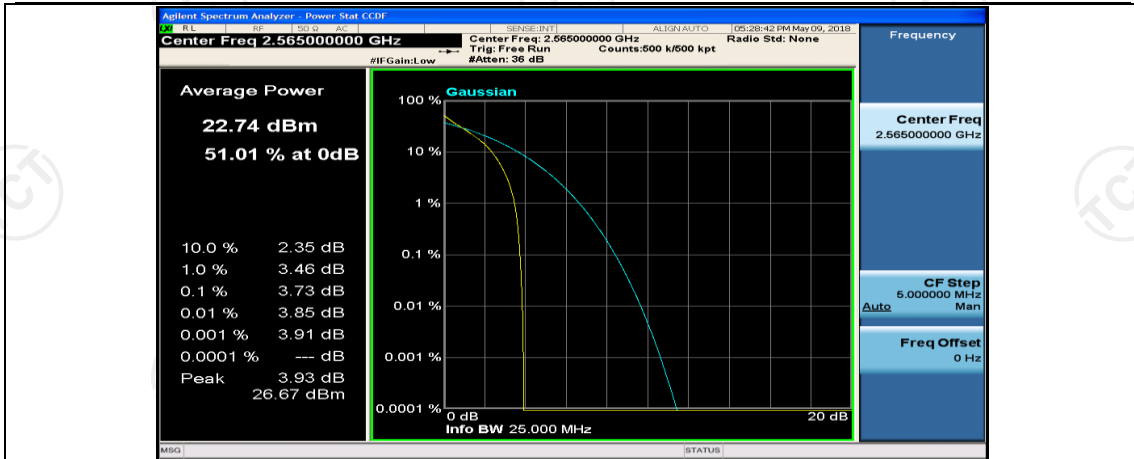


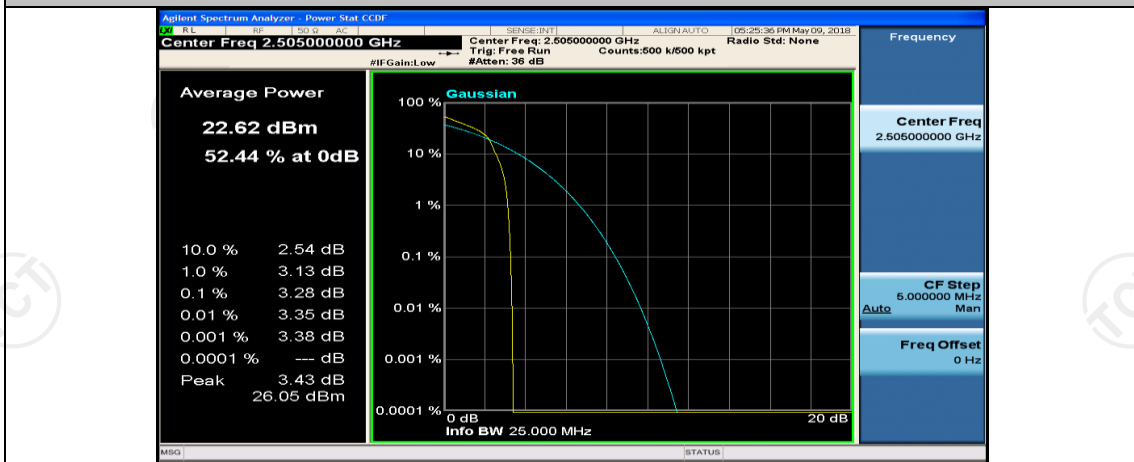
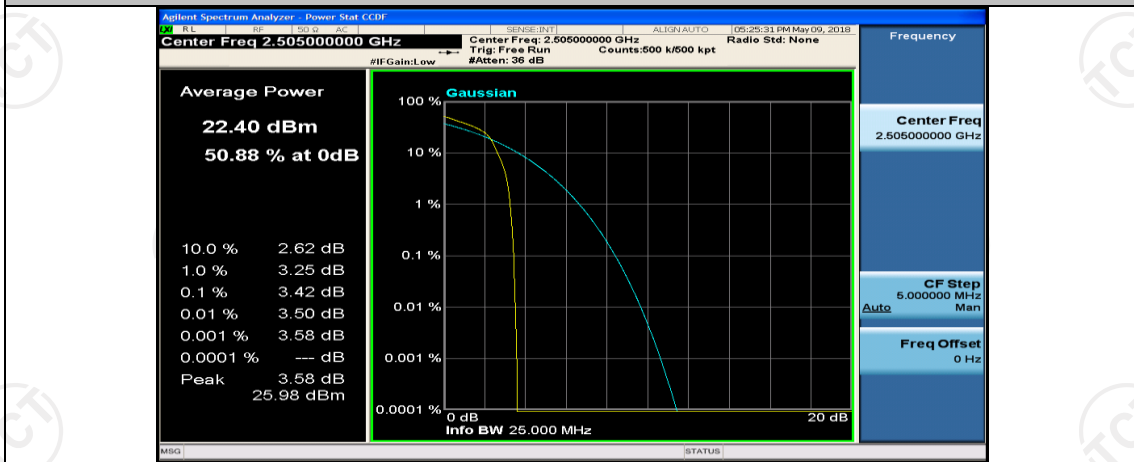
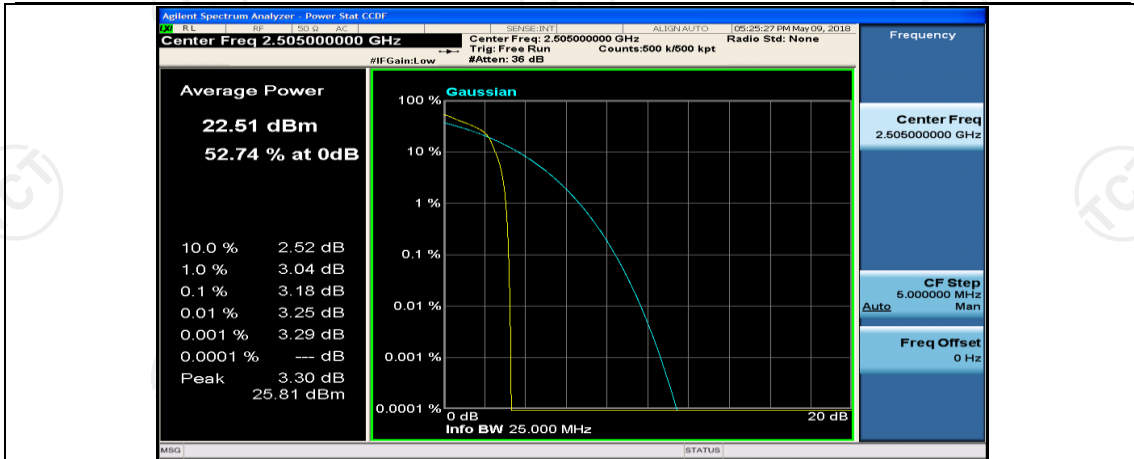
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

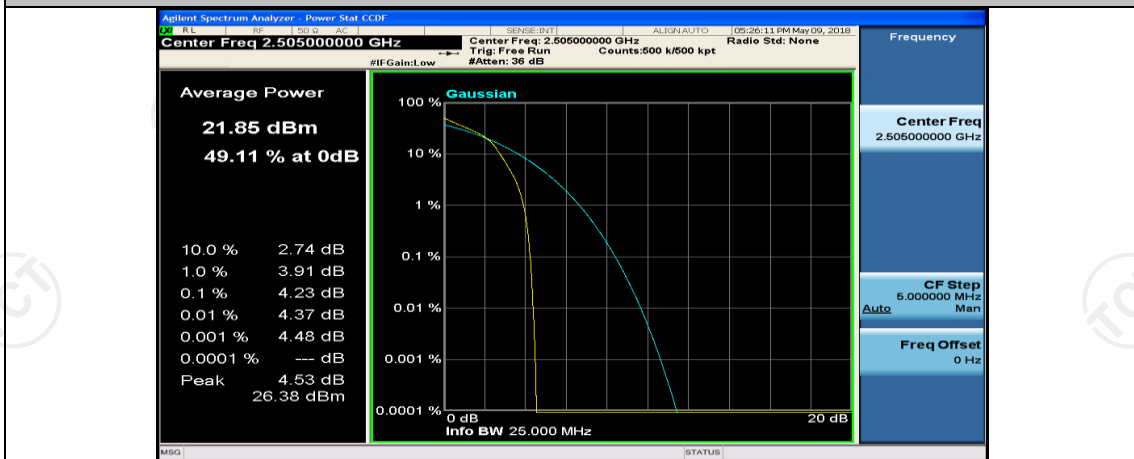
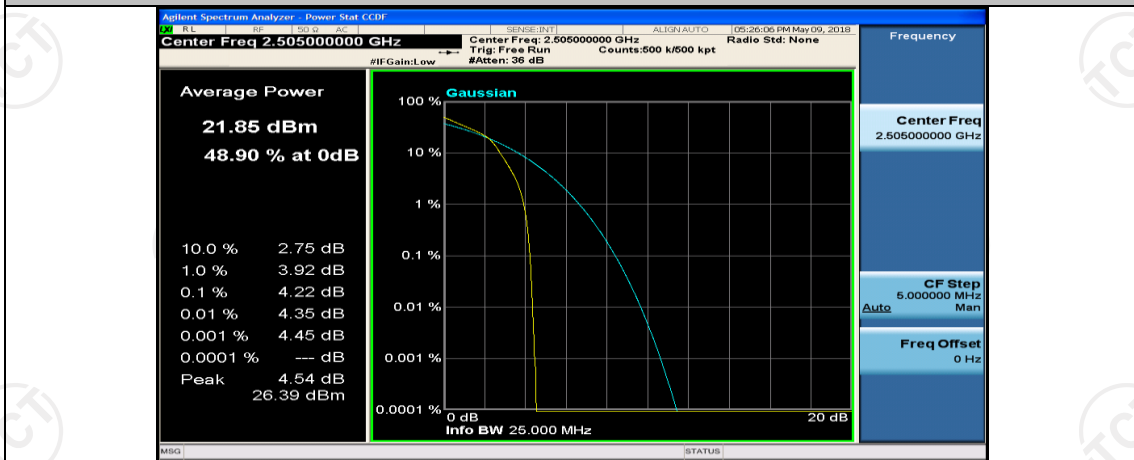
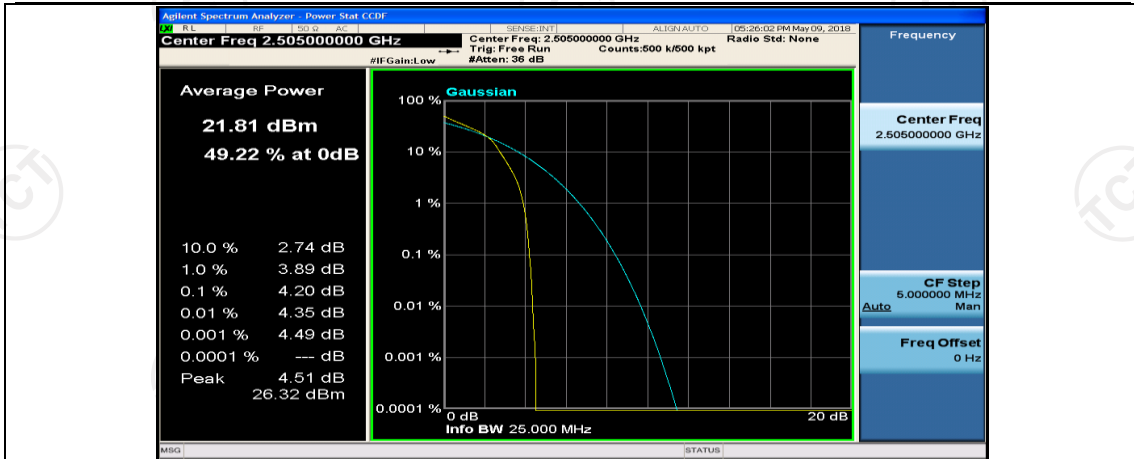


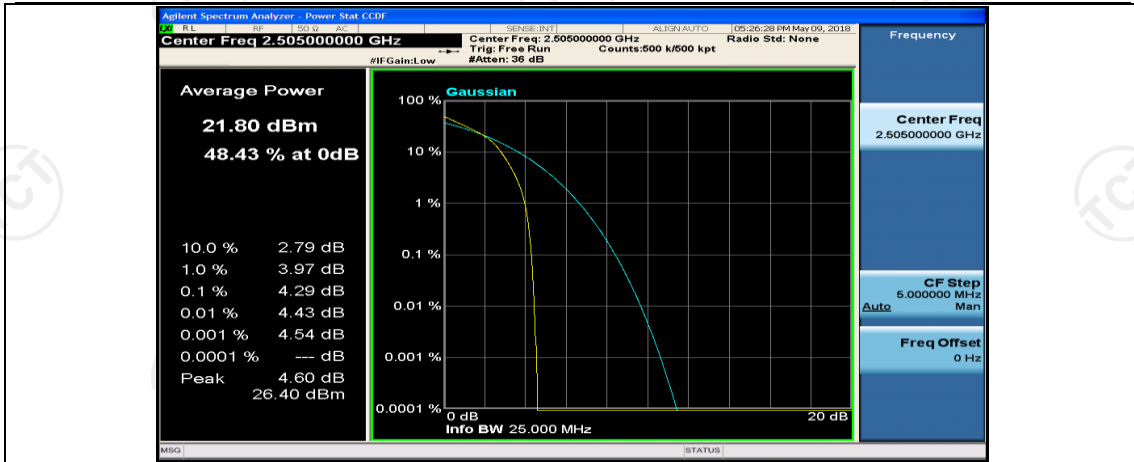




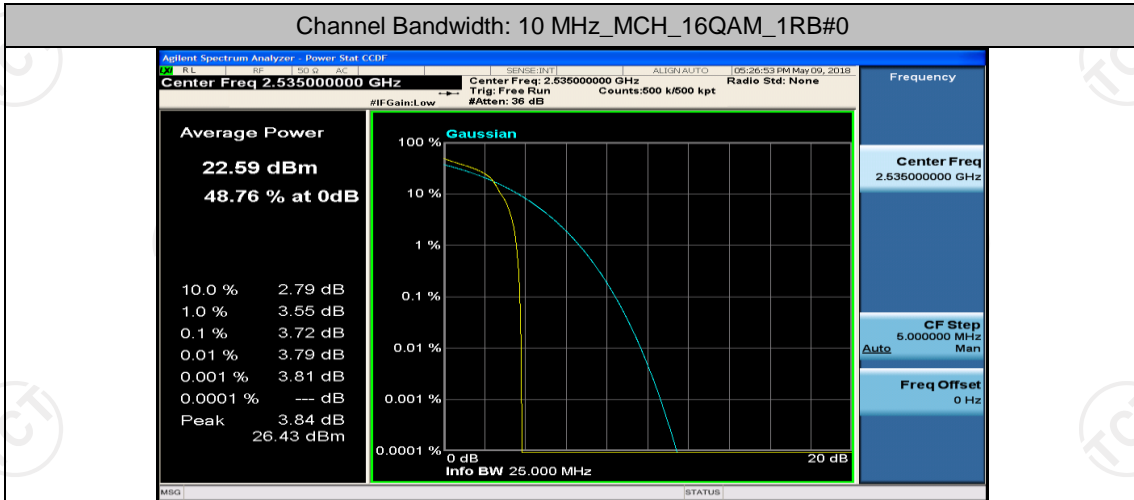




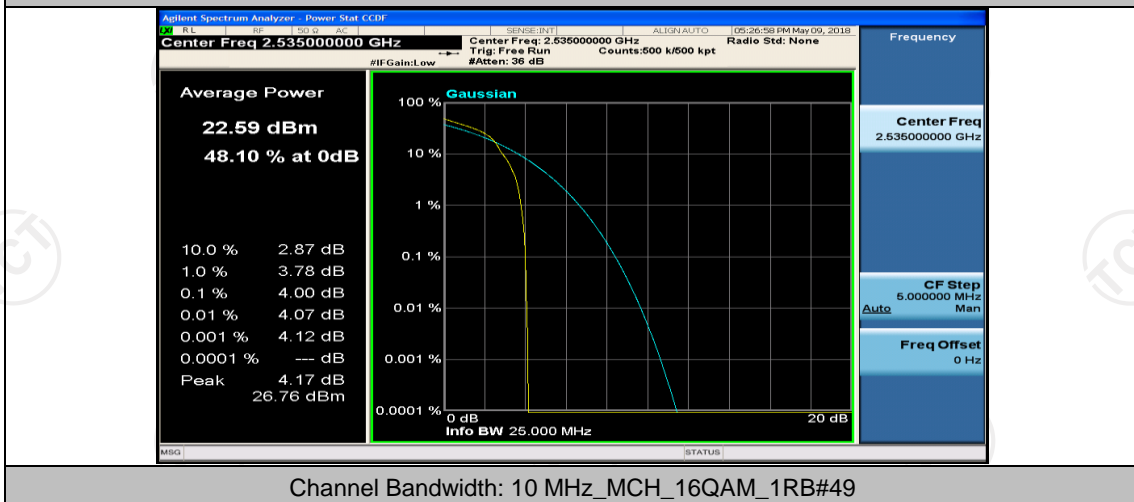




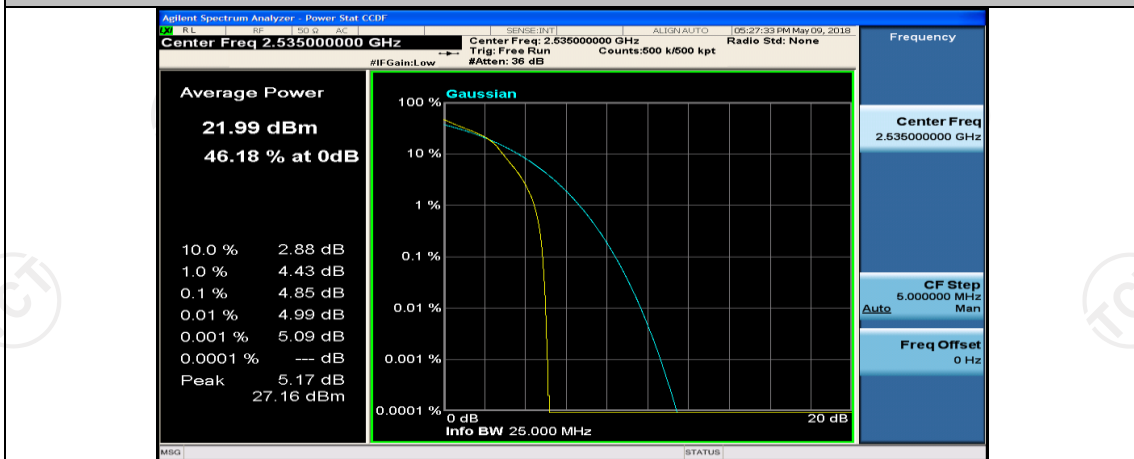
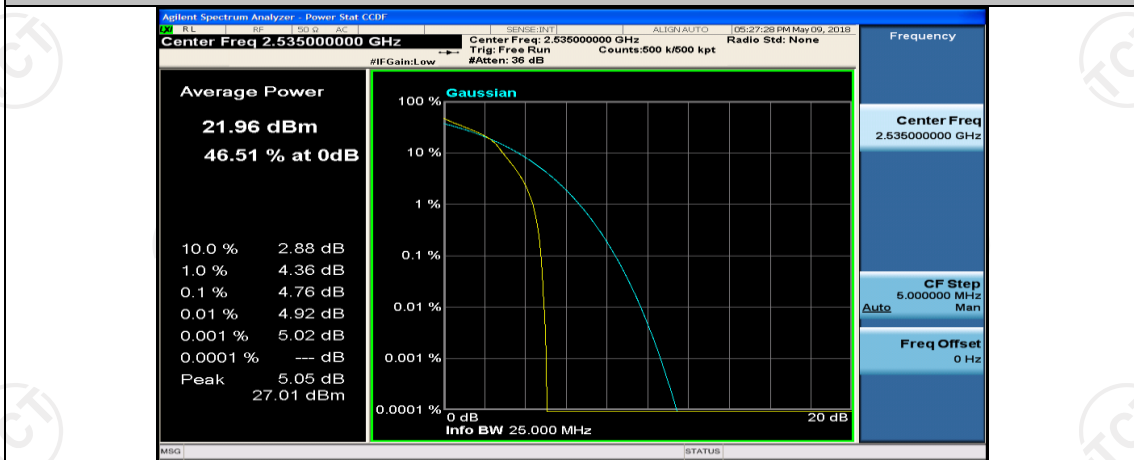
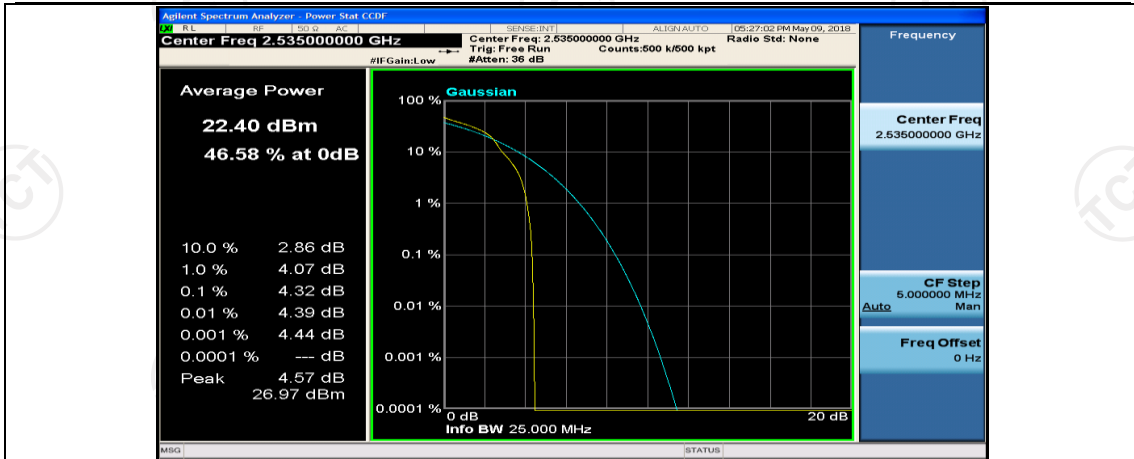
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

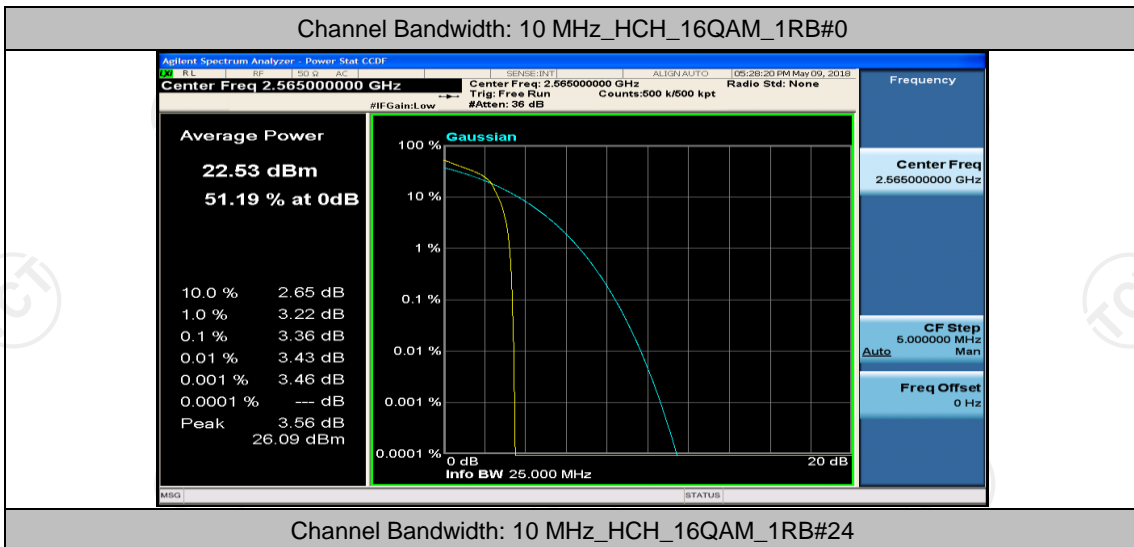
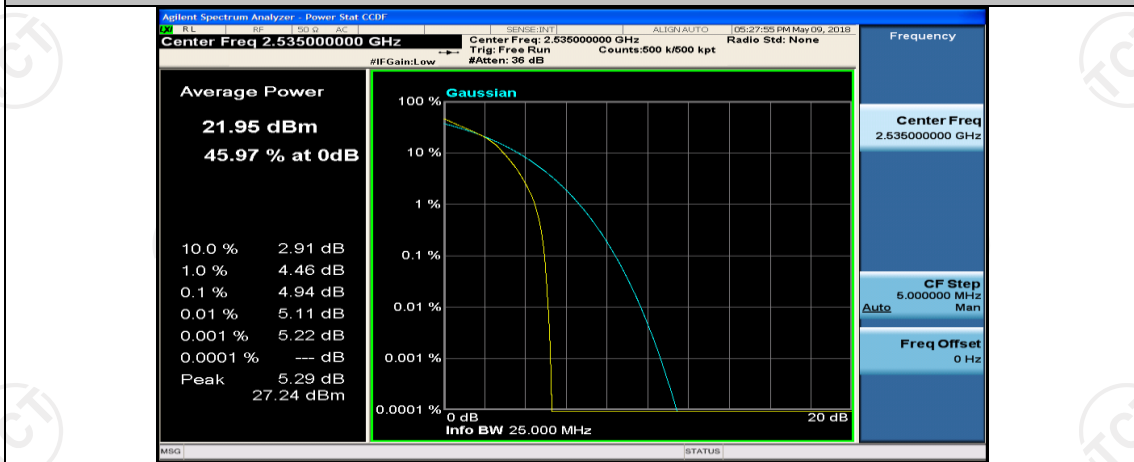
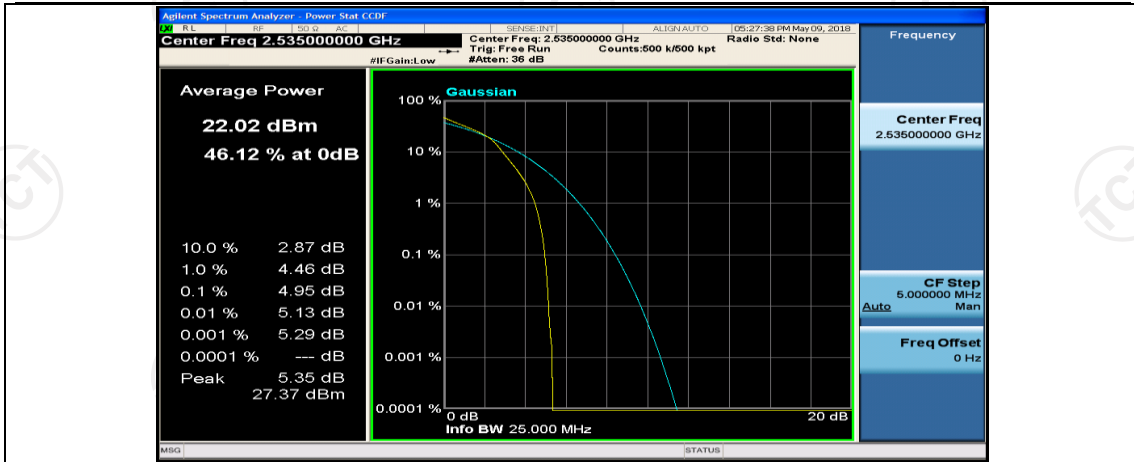


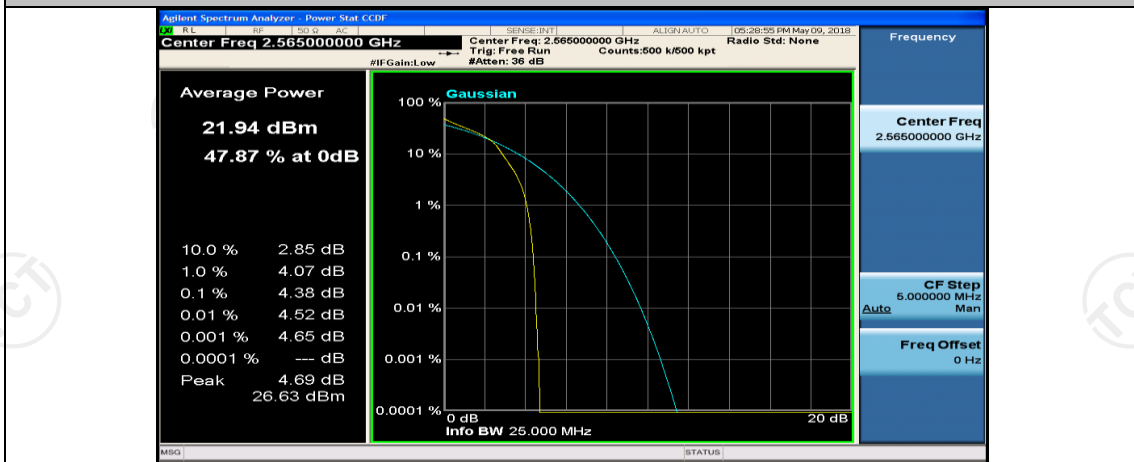
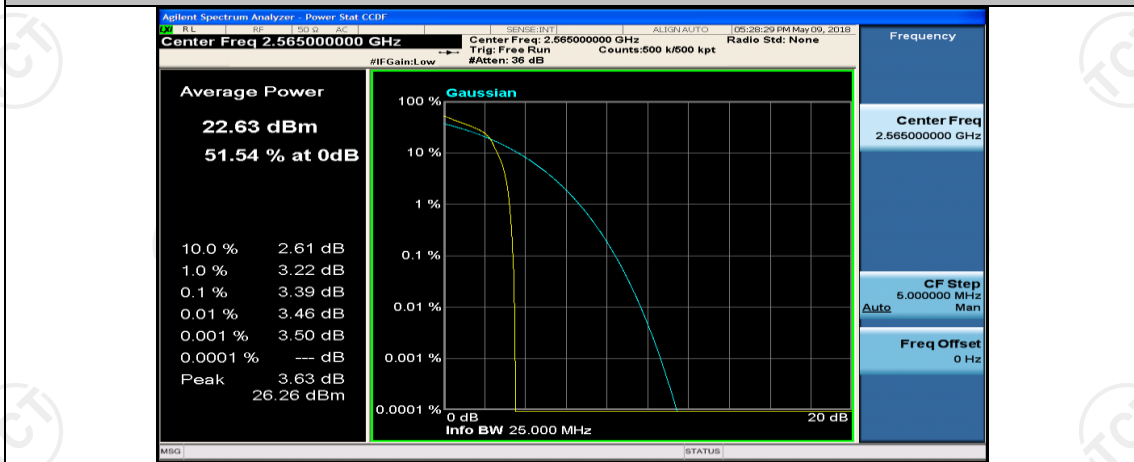
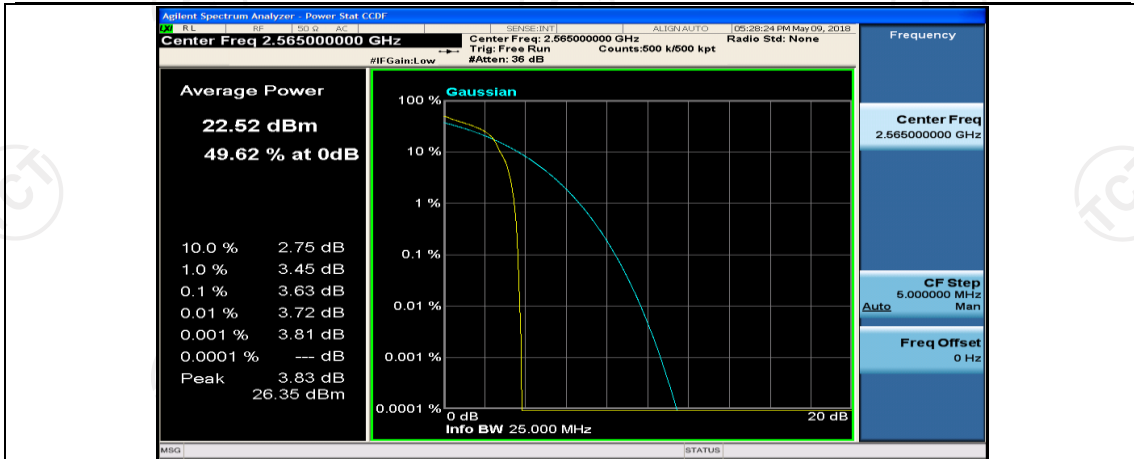
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

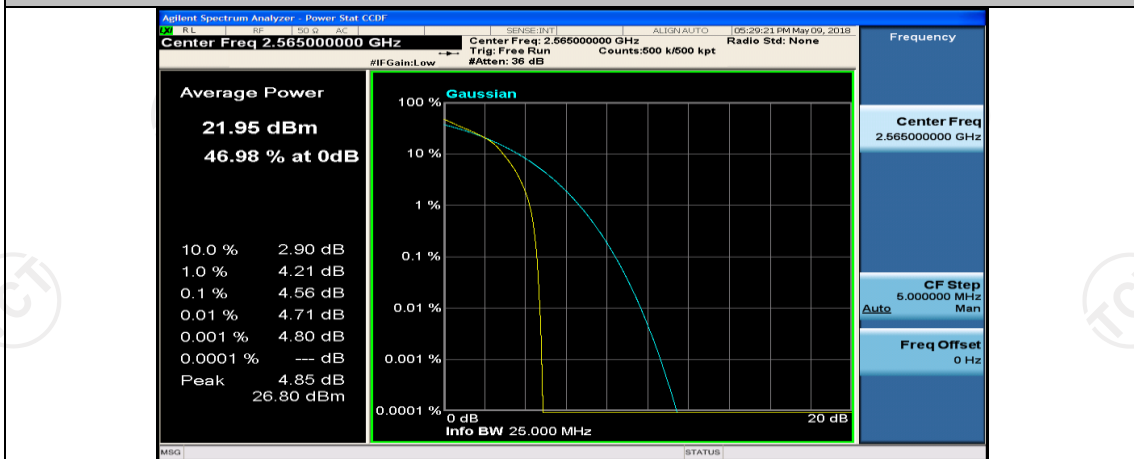
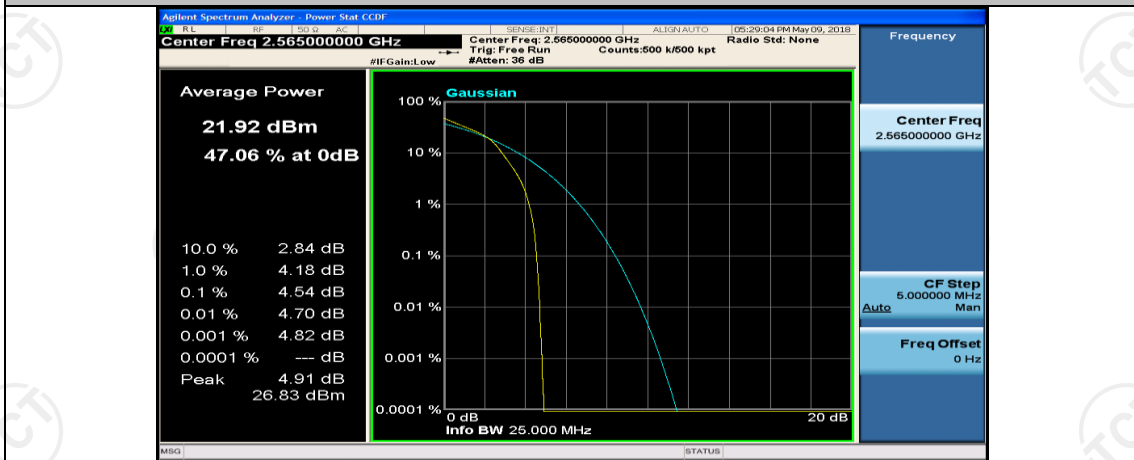
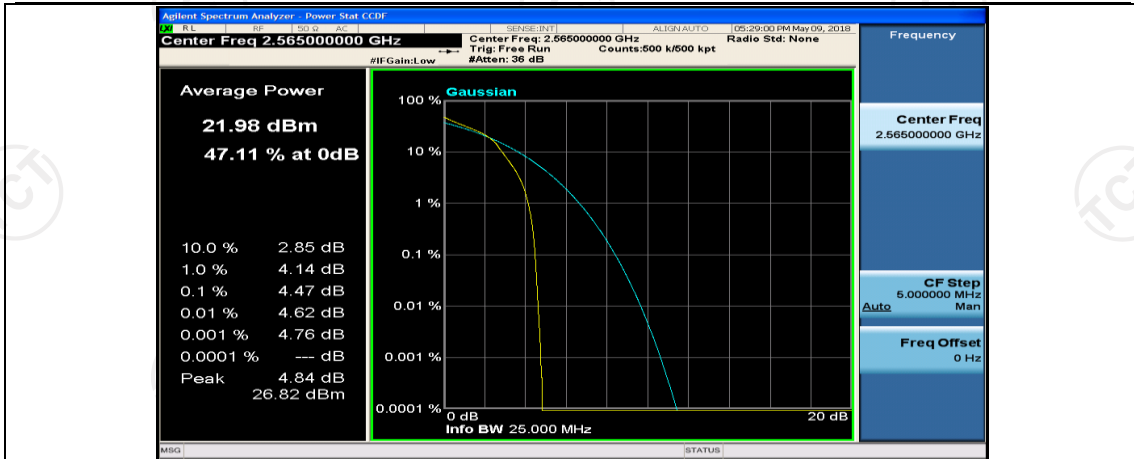


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

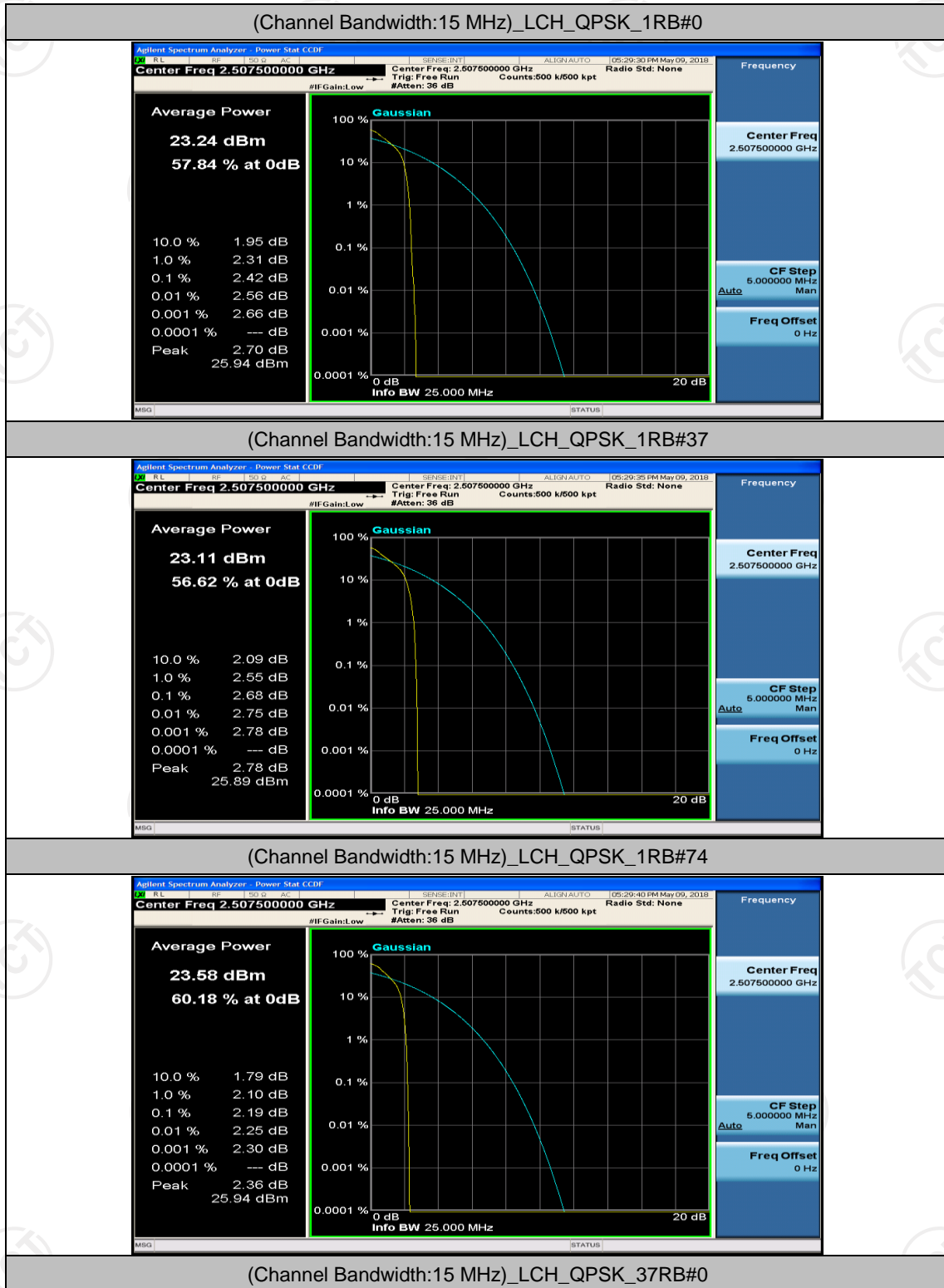


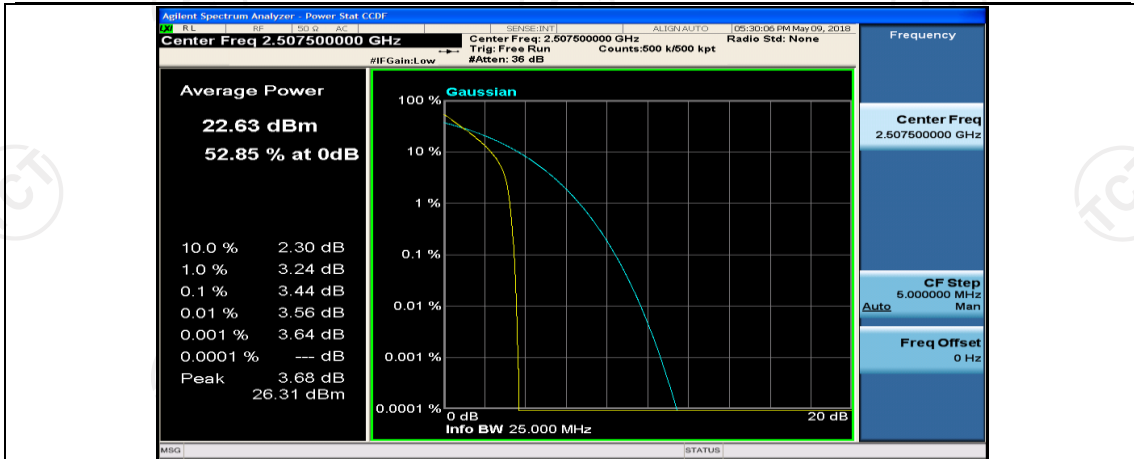




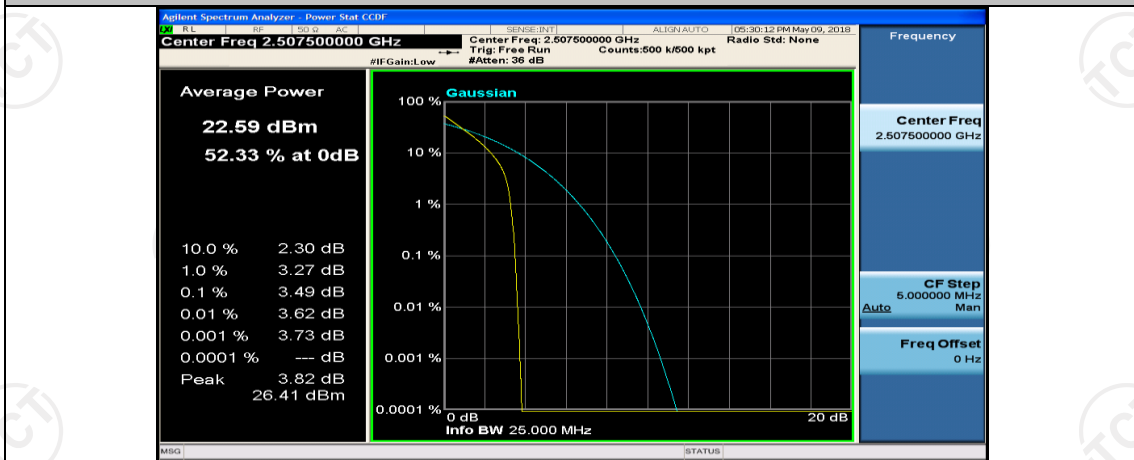


Channel Bandwidth: 15 MHz

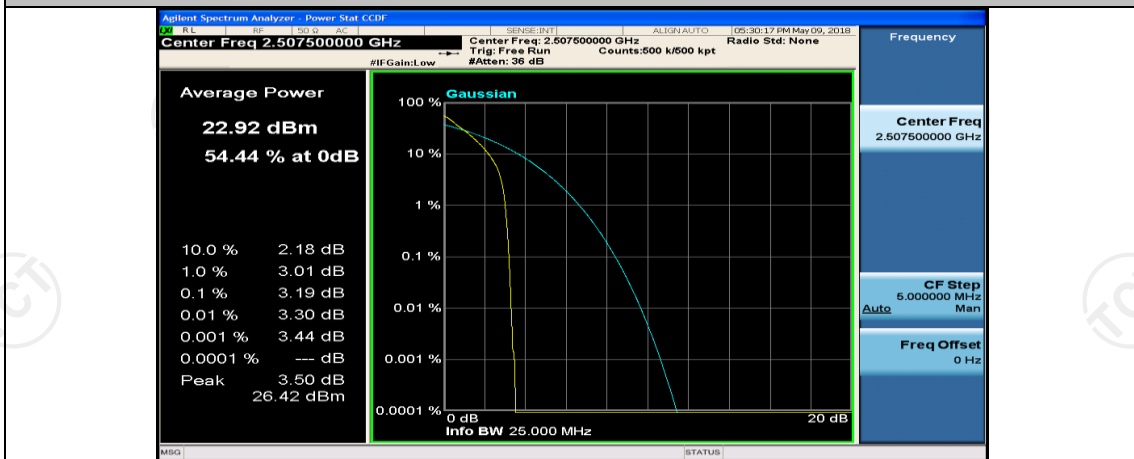




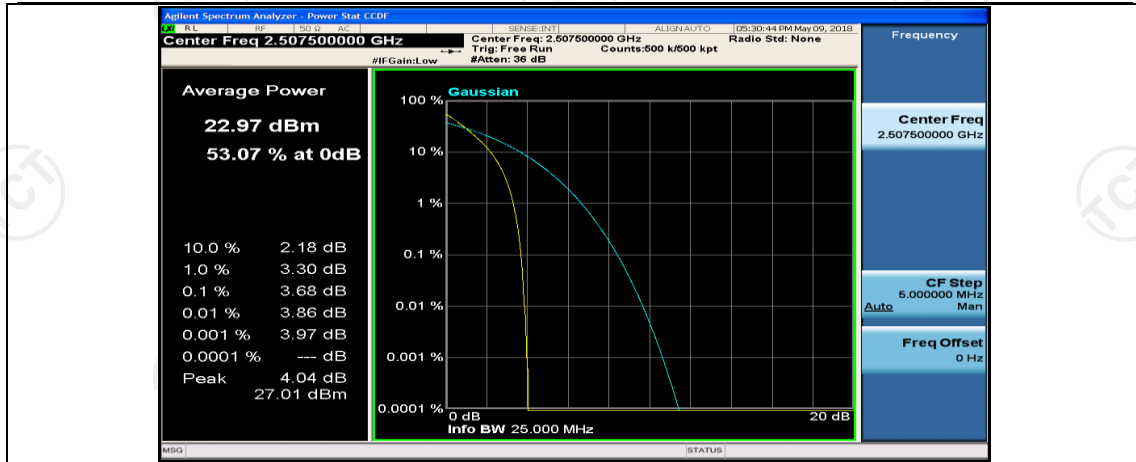
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



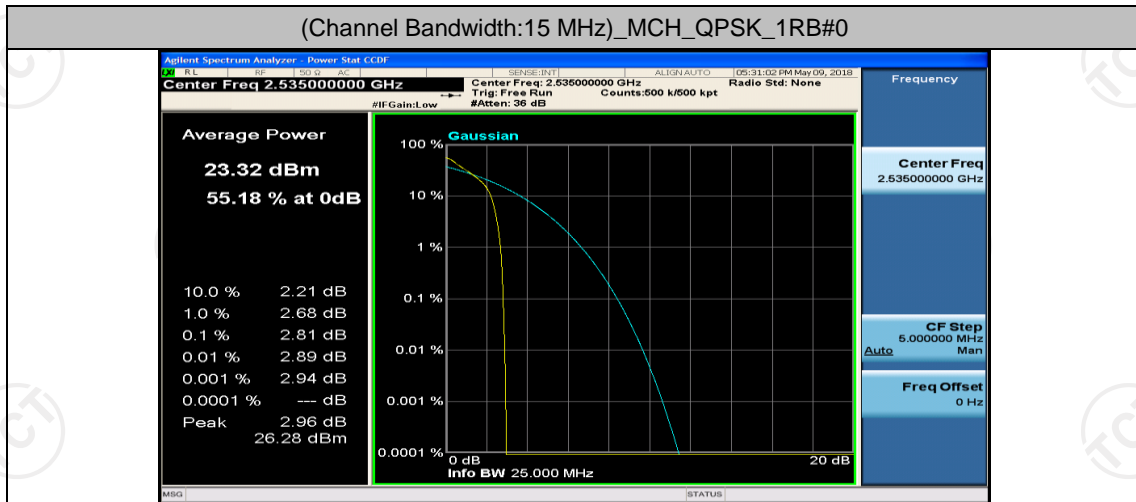
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



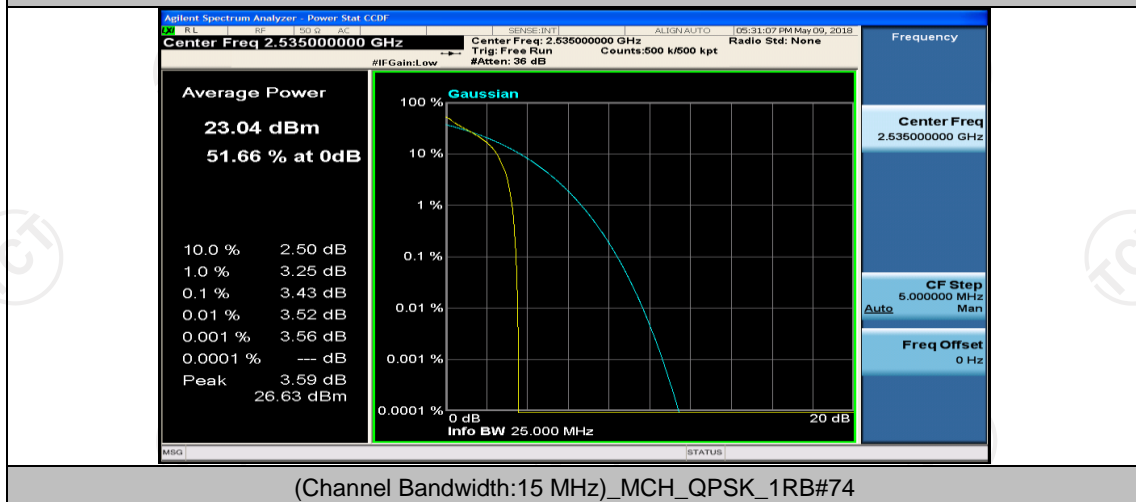
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



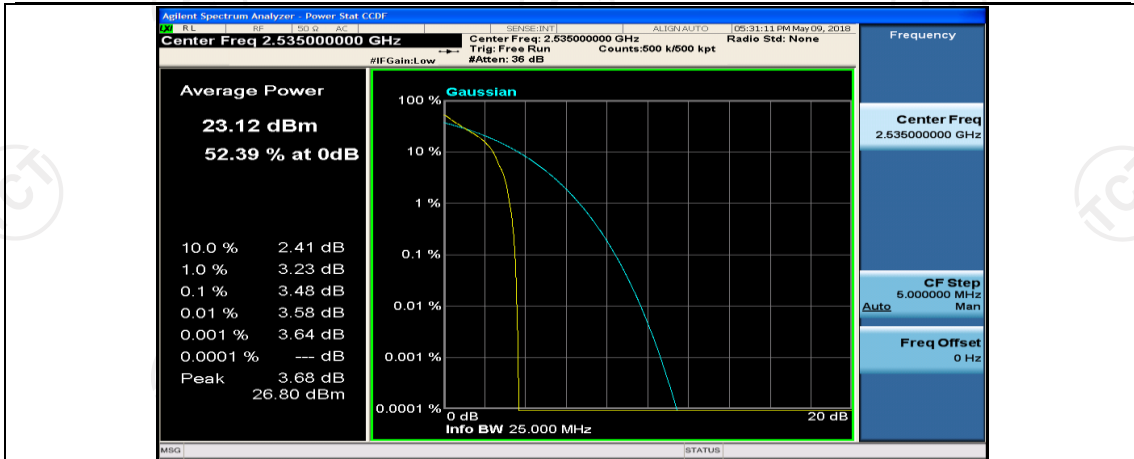
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



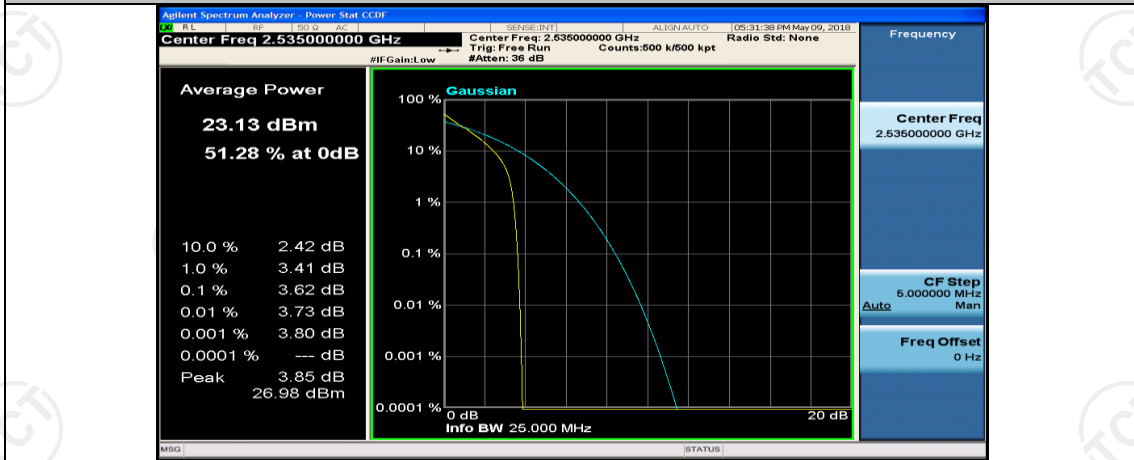
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



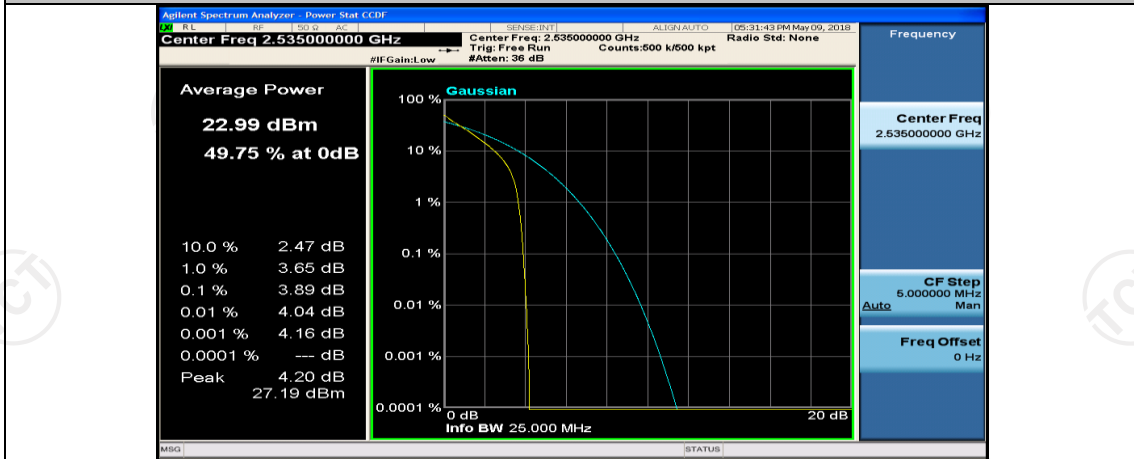
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



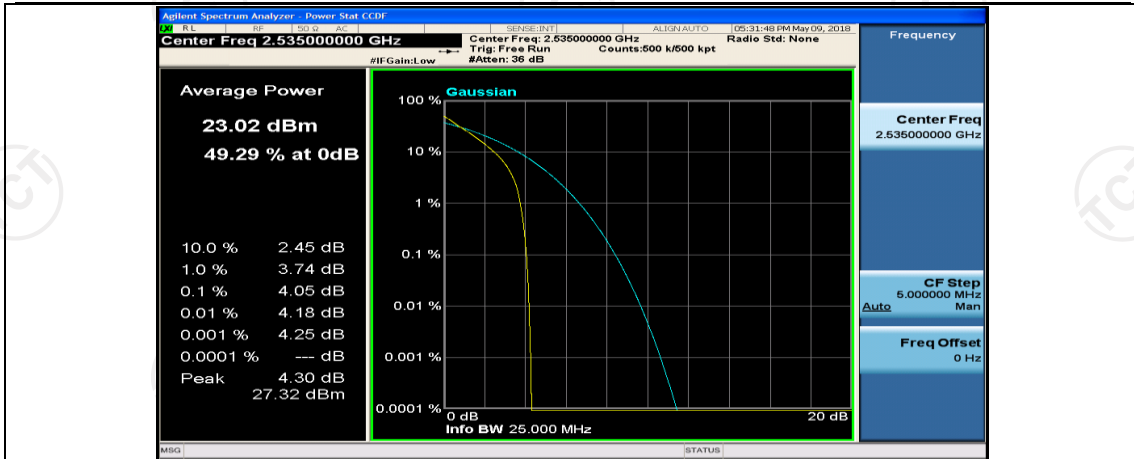
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



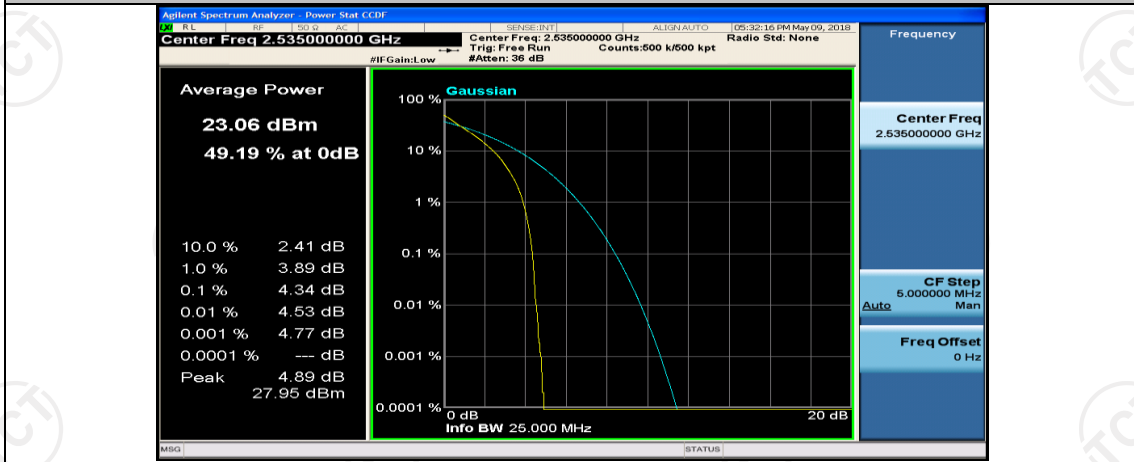
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



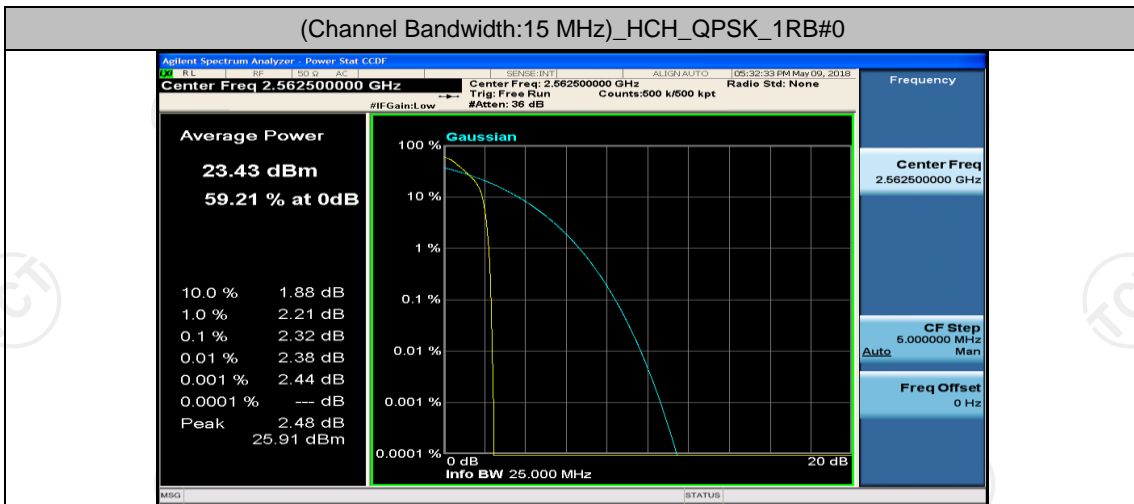
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



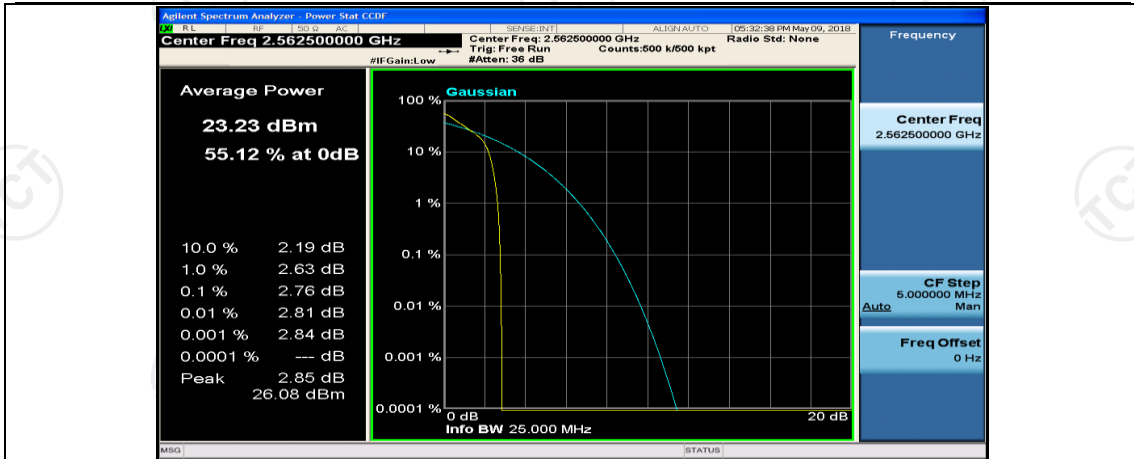
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



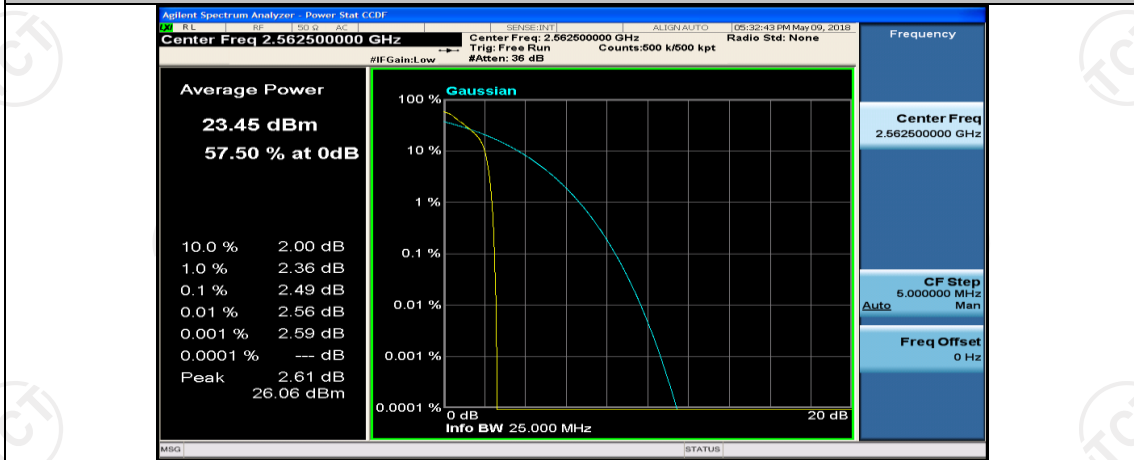
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



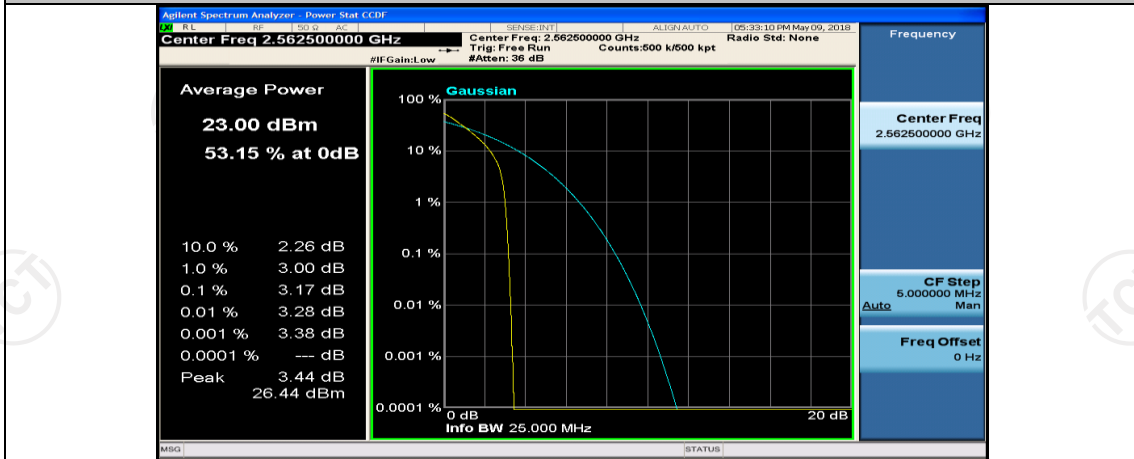
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



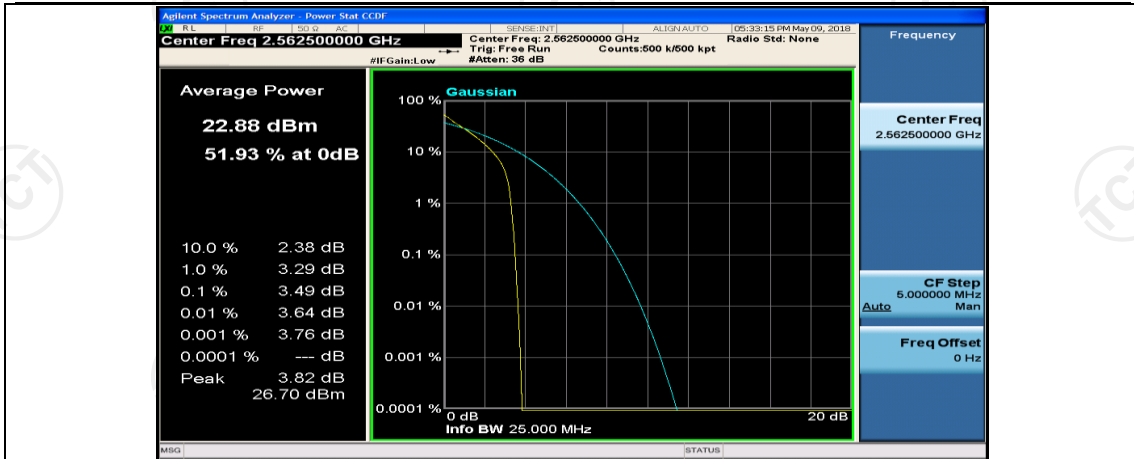
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



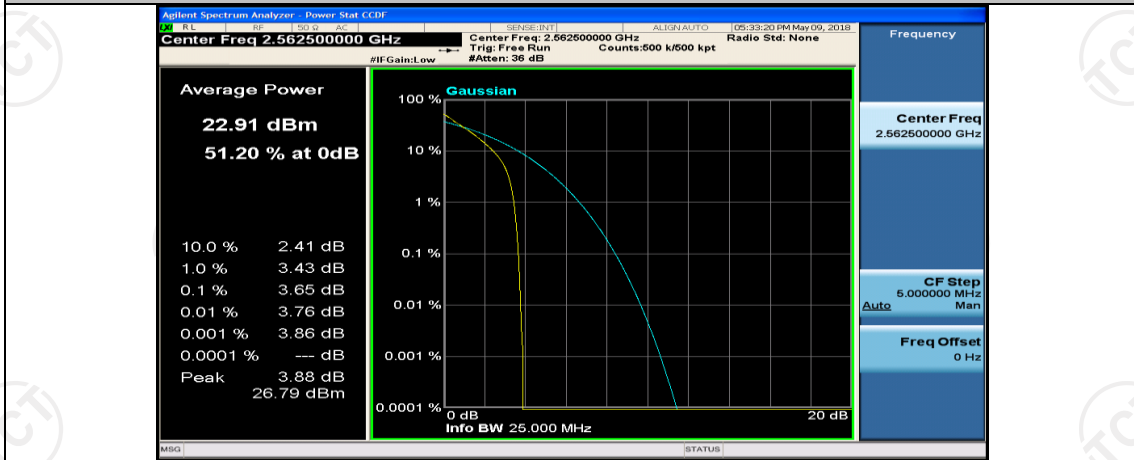
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



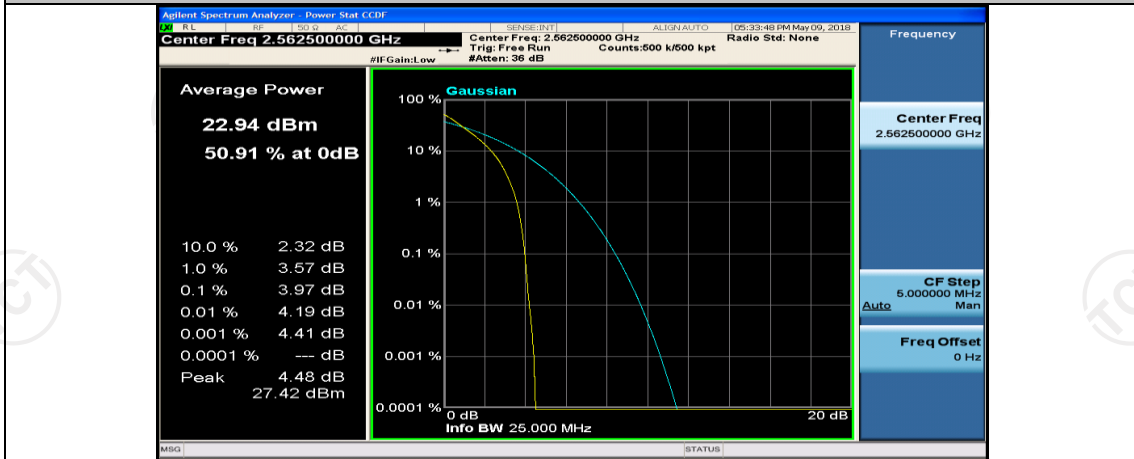
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0