

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.21	23.71	PASS
		1	3	23.28	23.78	PASS
		1	5	23.19	23.69	PASS
		3	0	23.25	23.75	PASS
		3	2	23.23	23.73	PASS
		3	3	23.26	23.76	PASS
		6	0	22.24	22.74	PASS
	MCH	1	0	23.23	23.73	PASS
		1	3	23.20	23.70	PASS
		1	5	23.22	23.72	PASS
		3	0	23.23	23.73	PASS
		3	2	23.21	23.71	PASS
		3	3	23.25	23.75	PASS
		6	0	22.23	22.73	PASS
	HCH	1	0	23.33	23.83	PASS
		1	3	23.29	23.79	PASS
		1	5	23.31	23.81	PASS
		3	0	23.32	23.82	PASS
		3	2	23.29	23.79	PASS
		3	3	23.31	23.81	PASS
		6	0	22.35	22.85	PASS
16QAM	LCH	1	0	22.43	22.93	PASS
		1	3	22.55	23.05	PASS
		1	5	22.42	22.92	PASS
		3	0	22.38	22.88	PASS
		3	2	22.33	22.83	PASS
		3	3	22.35	22.85	PASS
		6	0	21.19	21.69	PASS
	MCH	1	0	22.42	22.92	PASS
		1	3	22.50	23.00	PASS
		1	5	22.45	22.95	PASS
		3	0	22.38	22.88	PASS
		3	2	22.32	22.82	PASS
		3	3	22.33	22.83	PASS

	HCH	6	0	21.19	21.69	PASS
		1	0	22.55	23.05	PASS
		1	3	22.60	23.10	PASS
		1	5	22.53	23.03	PASS
		3	0	22.47	22.97	PASS
		3	2	22.40	22.90	PASS
		3	3	22.42	22.92	PASS
		6	0	21.29	21.79	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.09	23.59	PASS
		1	7	23.13	23.63	PASS
		1	14	23.06	23.56	PASS
		8	0	22.20	22.70	PASS
		8	4	22.20	22.70	PASS
		8	7	22.18	22.68	PASS
		15	0	22.19	22.69	PASS
	MCH	1	0	23.16	23.66	PASS
		1	7	23.22	23.72	PASS
		1	14	23.16	23.66	PASS
		8	0	22.26	22.76	PASS
		8	4	22.26	22.76	PASS
		8	7	22.24	22.74	PASS
		15	0	22.21	22.71	PASS
	HCH	1	0	23.26	23.76	PASS
		1	7	23.30	23.80	PASS
		1	14	23.22	23.72	PASS
		8	0	22.37	22.87	PASS
		8	4	22.36	22.86	PASS
		8	7	22.35	22.85	PASS
		15	0	22.34	22.84	PASS
16QAM	LCH	1	0	22.37	22.87	PASS
		1	7	22.40	22.90	PASS
		1	14	22.32	22.82	PASS
		8	0	21.26	21.76	PASS
		8	4	21.27	21.77	PASS
		8	7	21.23	21.73	PASS
		15	0	21.17	21.67	PASS

	MCH	1	0	22.44	22.94	PASS
		1	7	22.49	22.99	PASS
		1	14	22.43	22.93	PASS
		8	0	21.31	21.81	PASS
		8	4	21.32	21.82	PASS
		8	7	21.26	21.76	PASS
		15	0	21.19	21.69	PASS
	HCH	1	0	22.56	23.06	PASS
		1	7	22.58	23.08	PASS
		1	14	22.48	22.98	PASS
		8	0	21.43	21.93	PASS
		8	4	21.43	21.93	PASS
		8	7	21.39	21.89	PASS
		15	0	21.33	21.83	PASS

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	23.31	23.81	PASS
		1	12	23.27	23.77	PASS
		1	24	23.20	23.70	PASS
		12	0	22.28	22.78	PASS
		12	6	22.24	22.74	PASS
		12	13	22.23	22.73	PASS
		25	0	22.21	22.71	PASS
	MCH	1	0	23.34	23.84	PASS
		1	12	23.36	23.86	PASS
		1	24	23.27	23.77	PASS
		12	0	22.30	22.80	PASS
		12	6	22.30	22.80	PASS
		12	13	22.29	22.79	PASS
		25	0	22.23	22.73	PASS
	HCH	1	0	23.42	23.92	PASS
		1	12	23.47	23.97	PASS
		1	24	23.34	23.84	PASS
		12	0	22.42	22.92	PASS
		12	6	22.41	22.91	PASS
		12	13	22.42	22.92	PASS
		25	0	22.38	22.88	PASS
16QAM	LCH	1	0	22.54	23.04	PASS

		1	12	22.53	23.03	PASS
		1	24	22.46	22.96	PASS
		12	0	21.34	21.84	PASS
		12	6	21.31	21.81	PASS
		12	13	21.32	21.82	PASS
		25	0	21.23	21.73	PASS
		25	0	21.23	21.73	PASS
	MCH	1	0	22.58	23.08	PASS
		1	12	22.60	23.10	PASS
		1	24	22.53	23.03	PASS
		12	0	21.36	21.86	PASS
		12	6	21.36	21.86	PASS
		12	13	21.35	21.85	PASS
		25	0	21.25	21.75	PASS
	HCH	1	0	22.67	23.17	PASS
		1	12	22.72	23.22	PASS
		1	24	22.61	23.11	PASS
		12	0	21.48	21.98	PASS
		12	6	21.47	21.97	PASS
		12	13	21.45	21.95	PASS
		25	0	21.39	21.89	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	23.24	23.98	PASS
		1	24	23.25	23.95	PASS
		1	49	23.23	23.93	PASS
		25	0	22.25	22.75	PASS
		25	12	22.25	22.75	PASS
		25	25	22.25	22.75	PASS
		50	0	22.25	22.75	PASS
	MCH	1	0	23.28	23.78	PASS
		1	24	23.27	23.87	PASS
		1	49	23.26	23.86	PASS
		25	0	22.28	22.88	PASS
		25	12	22.27	22.77	PASS
		25	25	22.27	22.77	PASS
		50	0	22.27	22.77	PASS
	HCH	1	0	23.31	23.81	PASS
		1	24	23.29	23.79	PASS

16QAM		1	49	23.29	23.79	PASS
		25	0	22.33	22.83	PASS
		25	12	22.34	22.84	PASS
		25	25	22.32	22.82	PASS
		50	0	22.33	22.83	PASS
	LCH	1	0	22.53	23.03	PASS
		1	24	22.52	23.02	PASS
		1	49	22.50	23.00	PASS
		25	0	21.27	21.77	PASS
		25	12	21.27	21.77	PASS
		25	25	21.27	21.77	PASS
		50	0	21.28	21.78	PASS
	MCH	1	0	22.56	23.06	PASS
		1	24	22.57	23.07	PASS
		1	49	22.56	23.06	PASS
		25	0	21.32	21.82	PASS
		25	12	21.30	21.80	PASS
		25	25	21.28	21.78	PASS
		50	0	21.28	21.78	PASS
	HCH	1	0	22.61	23.11	PASS
		1	24	22.58	23.08	PASS
		1	49	22.55	23.05	PASS
		25	0	21.34	21.84	PASS
		25	12	21.35	21.85	PASS
		25	25	21.34	21.84	PASS
		50	0	21.35	21.85	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.33	<13	PASS
		1	3	4.22	<13	PASS
		1	5	4.28	<13	PASS
		3	0	4.55	<13	PASS
		3	2	4.57	<13	PASS
		3	3	4.48	<13	PASS
		6	0	5.24	<13	PASS
	MCH	1	0	4.83	<13	PASS
		1	3	4.78	<13	PASS
		1	5	4.86	<13	PASS
		3	0	5	<13	PASS
		3	2	5.01	<13	PASS
		3	3	5.11	<13	PASS
		6	0	5.61	<13	PASS
	HCH	1	0	4.35	<13	PASS
		1	3	4.34	<13	PASS
		1	5	4.37	<13	PASS
		3	0	4.67	<13	PASS
		3	2	4.72	<13	PASS
		3	3	4.73	<13	PASS
		6	0	5.36	<13	PASS
16QAM	LCH	1	0	5.36	<13	PASS
		1	3	5.24	<13	PASS
		1	5	5.29	<13	PASS
		3	0	5.5	<13	PASS
		3	2	5.55	<13	PASS
		3	3	5.45	<13	PASS
		6	0	6.09	<13	PASS
	MCH	1	0	5.81	<13	PASS
		1	3	5.8	<13	PASS
		1	5	5.69	<13	PASS
		3	0	6.02	<13	PASS

		3	2	6.26	<13	PASS
		3	3	6.18	<13	PASS
		6	0	6.54	<13	PASS
	HCH	1	0	5.47	<13	PASS
		1	3	5.29	<13	PASS
		1	5	5.38	<13	PASS
		3	0	5.7	<13	PASS
		3	2	5.63	<13	PASS
		3	3	5.61	<13	PASS
		6	0	6.27	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.22	<13	PASS
		1	7	4.15	<13	PASS
		1	14	4.36	<13	PASS
		8	0	5.23	<13	PASS
		8	4	5.17	<13	PASS
		8	7	5.17	<13	PASS
		15	0	5.26	<13	PASS
	MCH	1	0	5.07	<13	PASS
		1	7	5.04	<13	PASS
		1	14	4.98	<13	PASS
		8	0	5.66	<13	PASS
		8	4	5.64	<13	PASS
		8	7	5.49	<13	PASS
		15	0	5.64	<13	PASS
	HCH	1	0	4.59	<13	PASS
		1	7	4.57	<13	PASS
		1	14	4.6	<13	PASS
		8	0	5.36	<13	PASS
		8	4	5.44	<13	PASS
		8	7	5.37	<13	PASS
		15	0	5.39	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS
		1	7	5.33	<13	PASS
		1	14	5.35	<13	PASS
		8	0	5.88	<13	PASS
		8	4	5.91	<13	PASS

		8	7	5.85	<13	PASS
		15	0	6.14	<13	PASS
	MCH	1	0	5.98	<13	PASS
		1	7	6.02	<13	PASS
		1	14	5.91	<13	PASS
		8	0	6.28	<13	PASS
		8	4	6.23	<13	PASS
		8	7	6.22	<13	PASS
		15	0	6.6	<13	PASS
		1	0	5.6	<13	PASS
	HCH	1	7	5.6	<13	PASS
		1	14	5.59	<13	PASS
		8	0	5.97	<13	PASS
		8	4	6.15	<13	PASS
		8	7	6.1	<13	PASS
		15	0	6.38	<13	PASS

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	4.51	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.67	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.21	<13	PASS
		12	13	5.3	<13	PASS
		25	0	5.28	<13	PASS
	MCH	1	0	5.04	<13	PASS
		1	12	5.08	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.57	<13	PASS
		12	6	5.59	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.67	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	12	4.63	<13	PASS
		1	24	4.64	<13	PASS
		12	0	5.4	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.37	<13	PASS

		25	0	5.47	<13	PASS
16QAM	LCH	1	0	5.5	<13	PASS
		1	12	5.42	<13	PASS
		1	24	5.51	<13	PASS
		12	0	6.13	<13	PASS
		12	6	6.12	<13	PASS
		12	13	6.14	<13	PASS
		25	0	6.05	<13	PASS
	MCH	1	0	5.94	<13	PASS
		1	12	5.86	<13	PASS
		1	24	5.94	<13	PASS
		12	0	6.48	<13	PASS
		12	6	6.5	<13	PASS
		12	13	6.46	<13	PASS
		25	0	6.32	<13	PASS
	HCH	1	0	5.58	<13	PASS
		1	12	5.51	<13	PASS
		1	24	5.51	<13	PASS
		12	0	6.26	<13	PASS
		12	6	6.3	<13	PASS
		12	13	6.32	<13	PASS
		25	0	6.21	<13	PASS

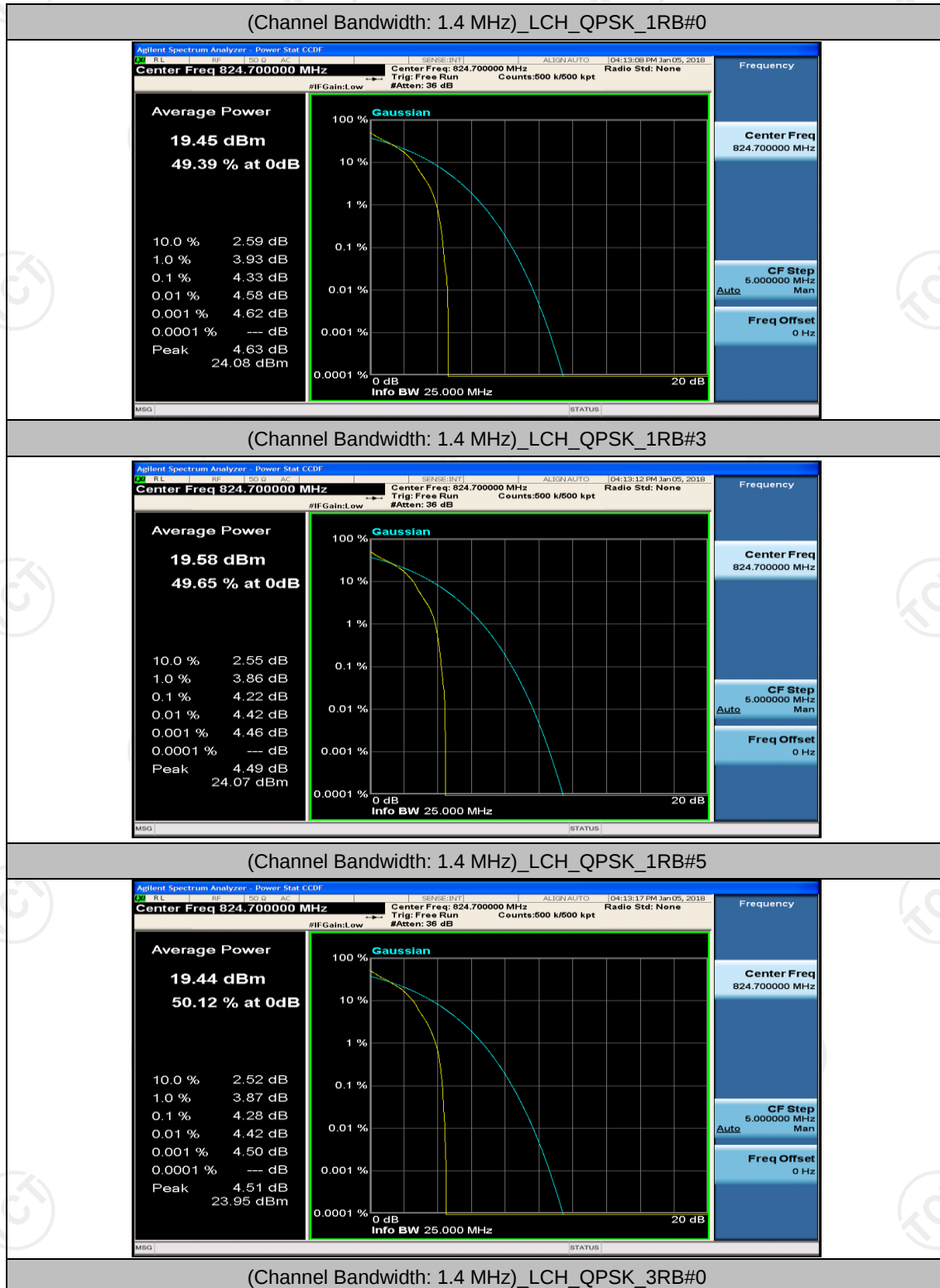
Channel Bandwidth: 10 MHz

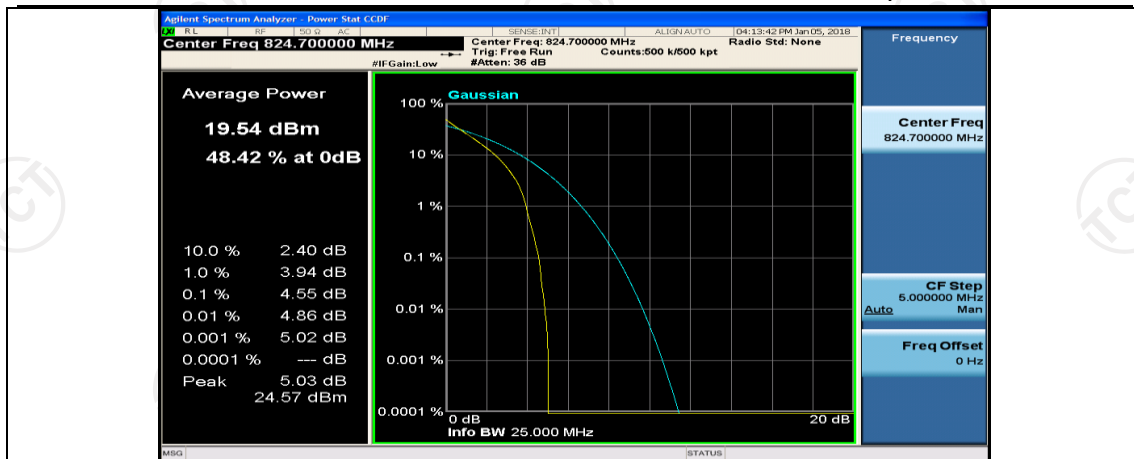
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.4	<13	PASS
		1	24	4.55	<13	PASS
		1	49	4.79	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.39	<13	PASS
		25	25	5.5	<13	PASS
		50	0	5.42	<13	PASS
	MCH	1	0	4.85	<13	PASS
		1	24	4.93	<13	PASS
		1	49	4.79	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.63	<13	PASS
		25	25	5.53	<13	PASS
		50	0	5.58	<13	PASS

	HCH	1	0	4.76	<13	PASS
		1	24	4.64	<13	PASS
		1	49	4.55	<13	PASS
		25	0	5.5	<13	PASS
		25	12	5.43	<13	PASS
		25	25	5.41	<13	PASS
		50	0	5.47	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	24	5.46	<13	PASS
		1	49	5.87	<13	PASS
		25	0	6.09	<13	PASS
		25	12	6.22	<13	PASS
		25	25	6.26	<13	PASS
		50	0	6.18	<13	PASS
	MCH	1	0	5.78	<13	PASS
		1	24	5.8	<13	PASS
		1	49	5.72	<13	PASS
		25	0	6.41	<13	PASS
		25	12	6.37	<13	PASS
		25	25	6.39	<13	PASS
		50	0	6.33	<13	PASS
	HCH	1	0	5.76	<13	PASS
		1	24	5.62	<13	PASS
		1	49	5.6	<13	PASS
		25	0	6.37	<13	PASS
		25	12	6.27	<13	PASS
		25	25	6.21	<13	PASS
		50	0	6.21	<13	PASS

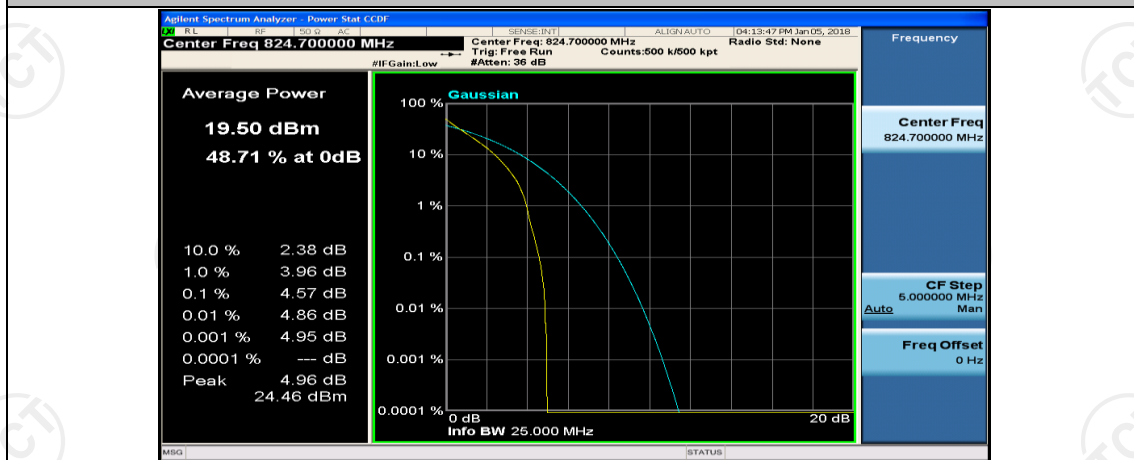
Test Graphs

Channel Bandwidth: 1.4 MHz

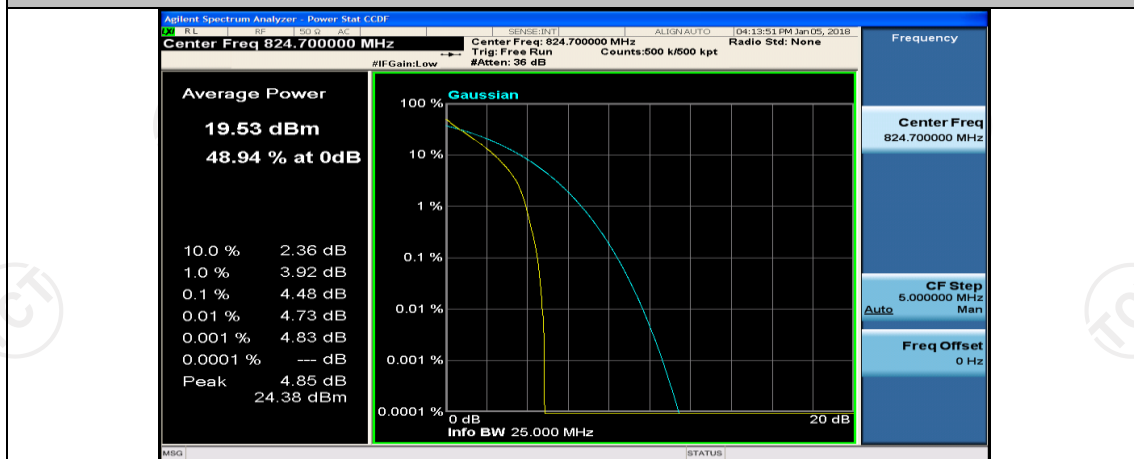




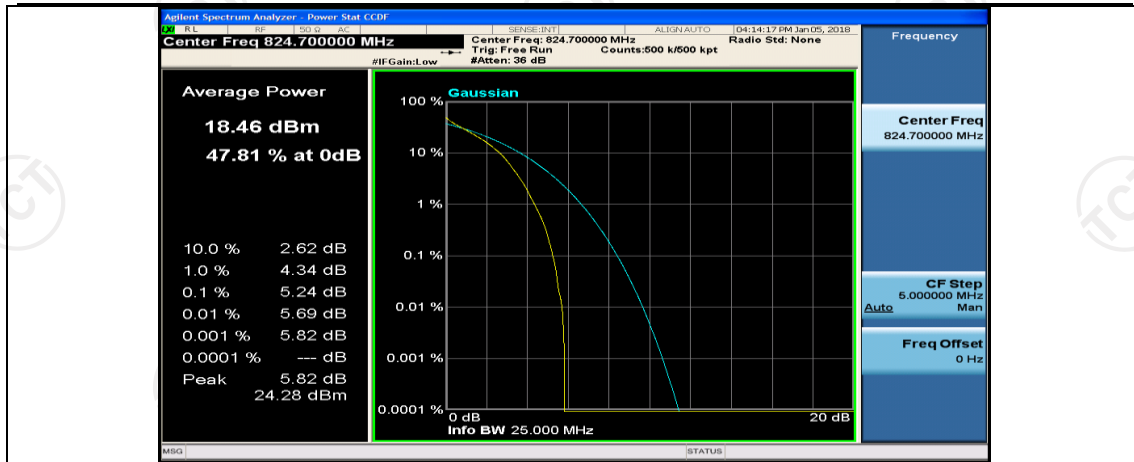
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



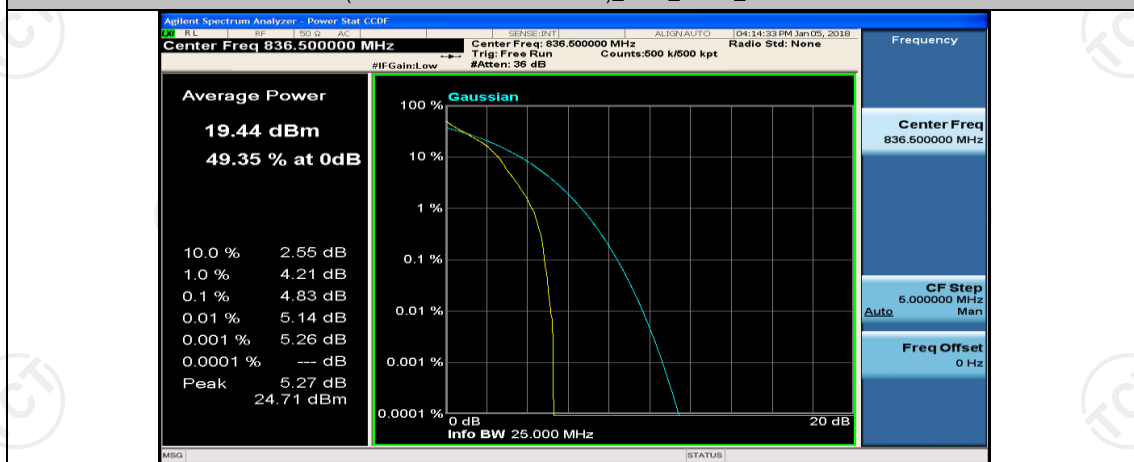
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



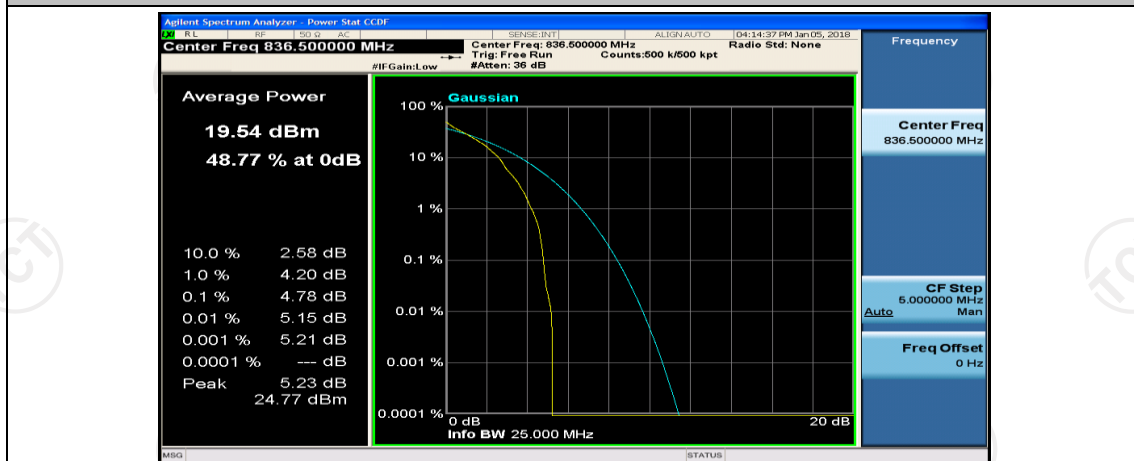
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



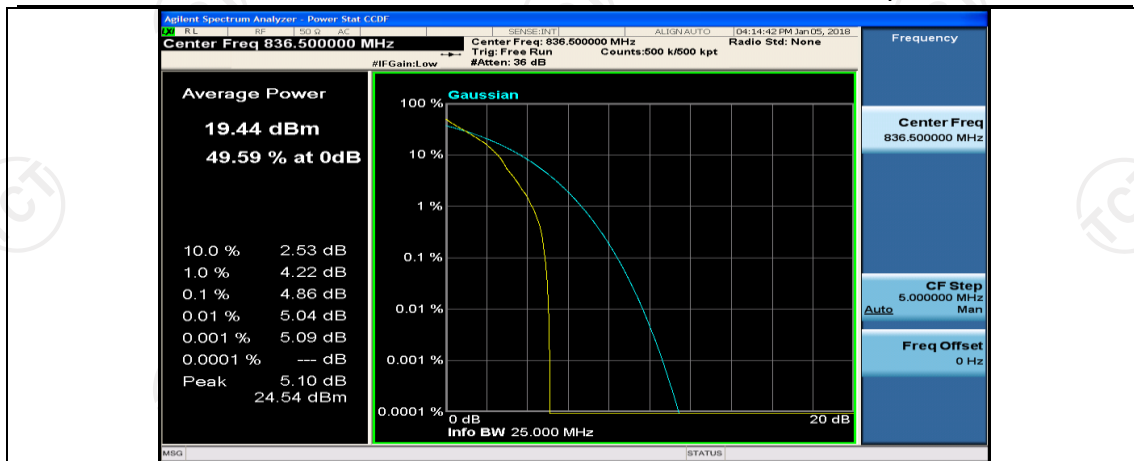
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



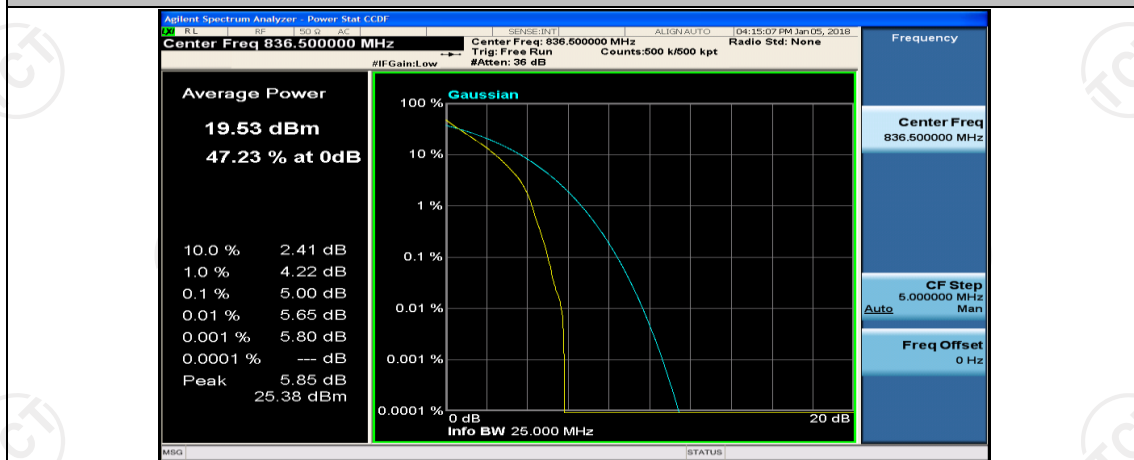
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



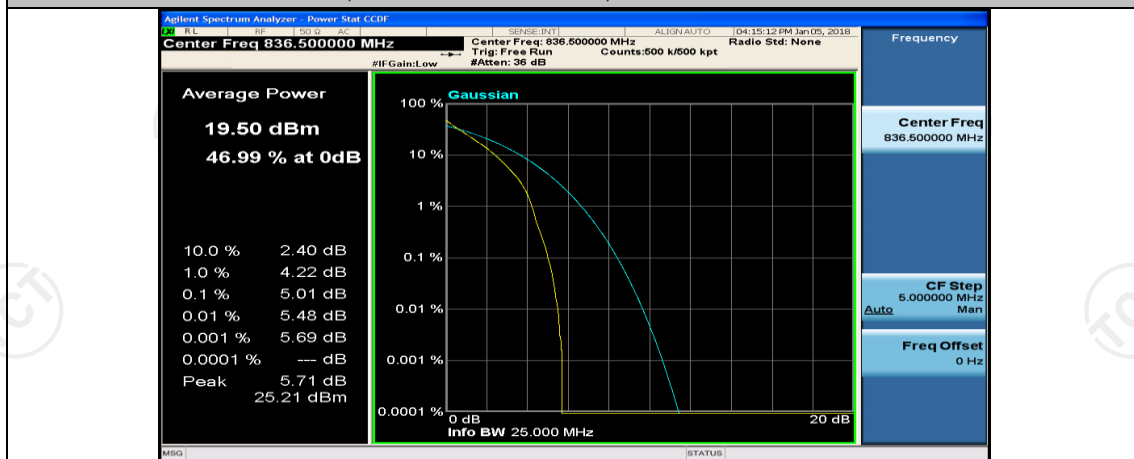
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



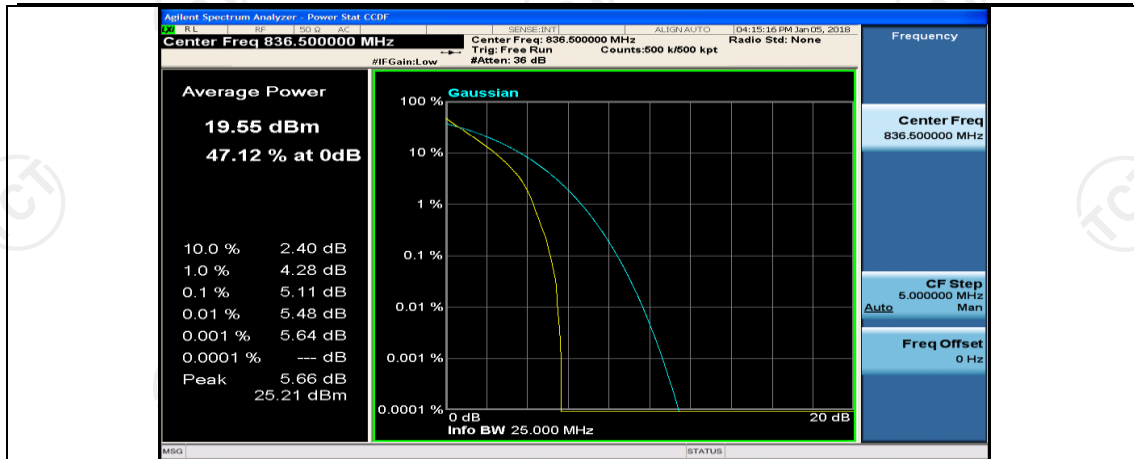
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



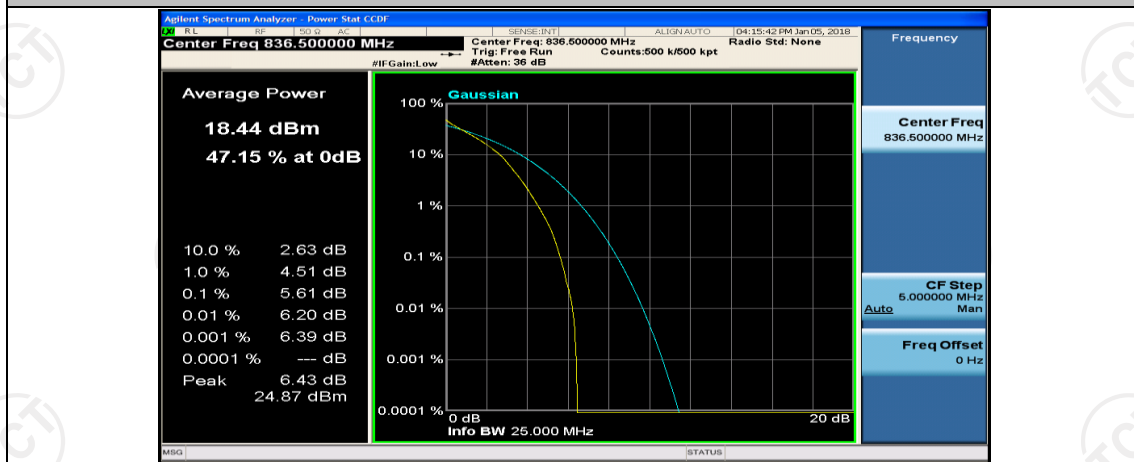
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



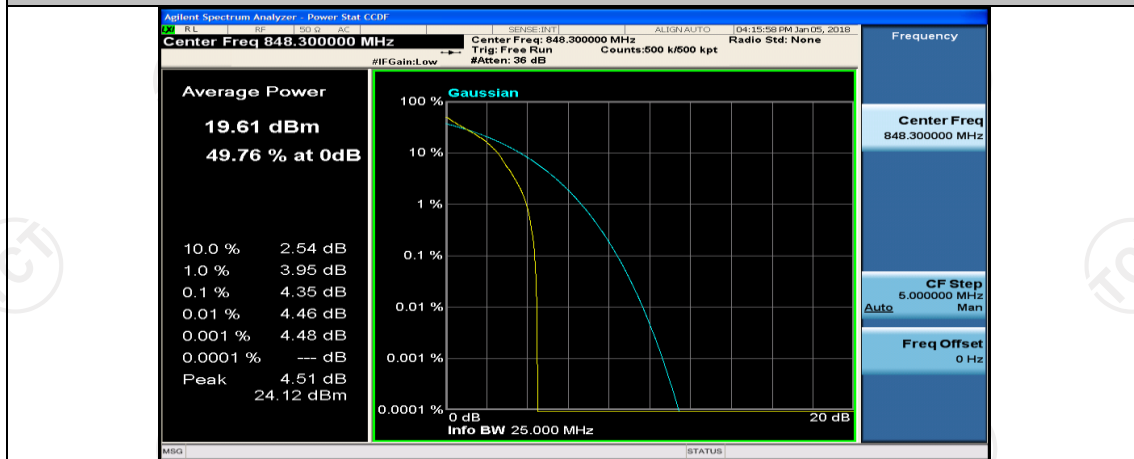
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



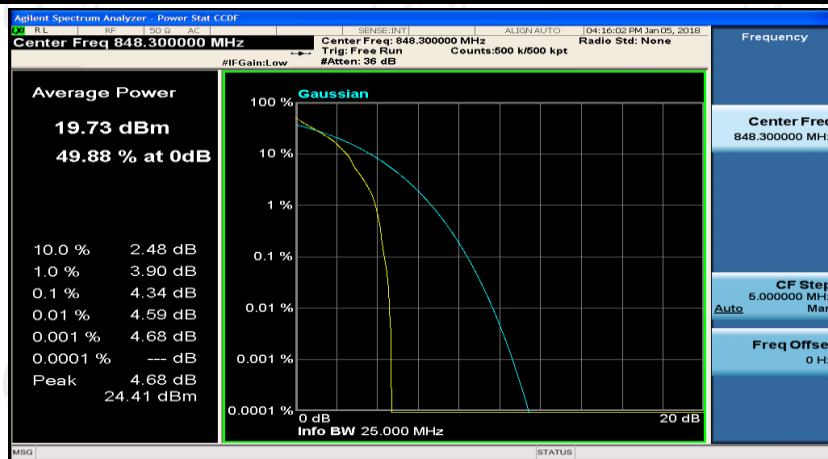
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



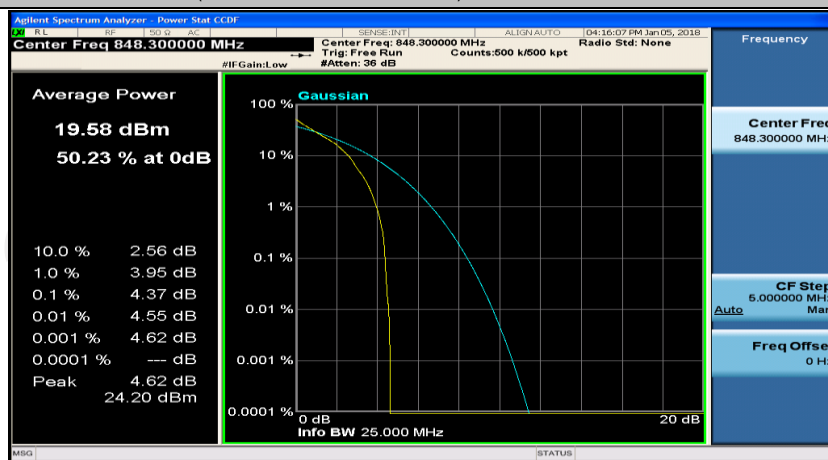
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



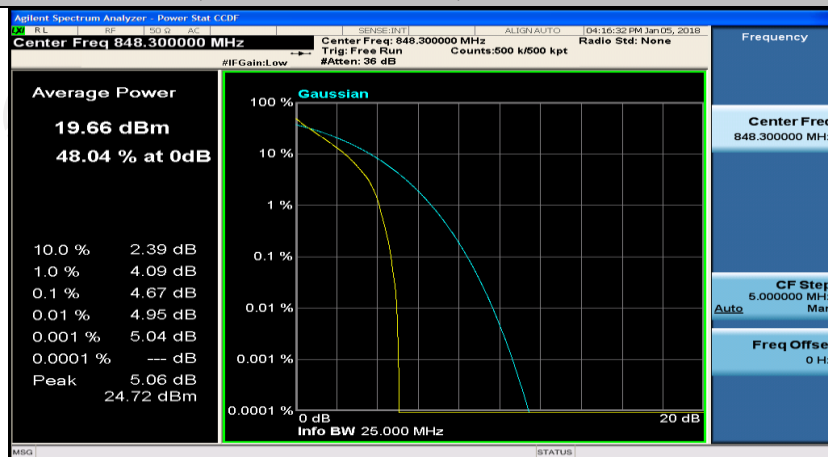
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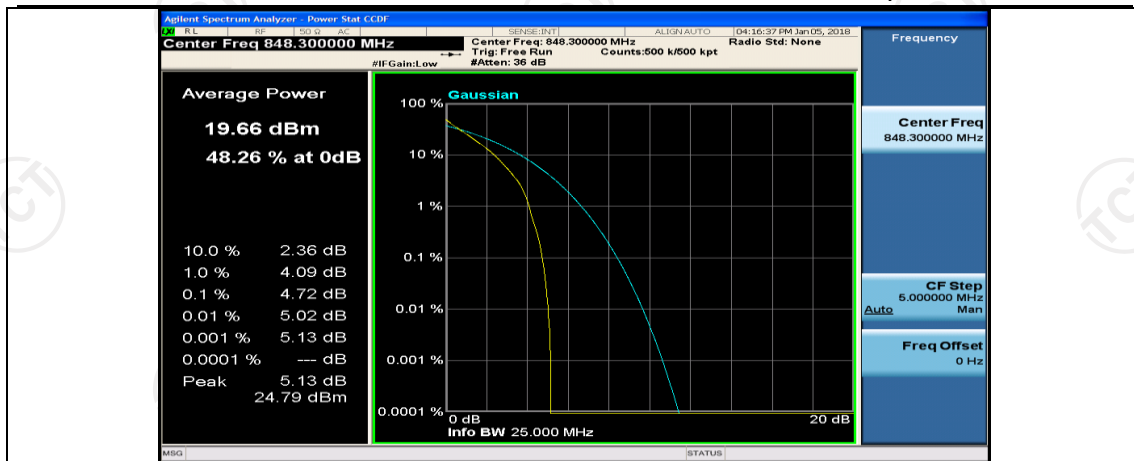
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



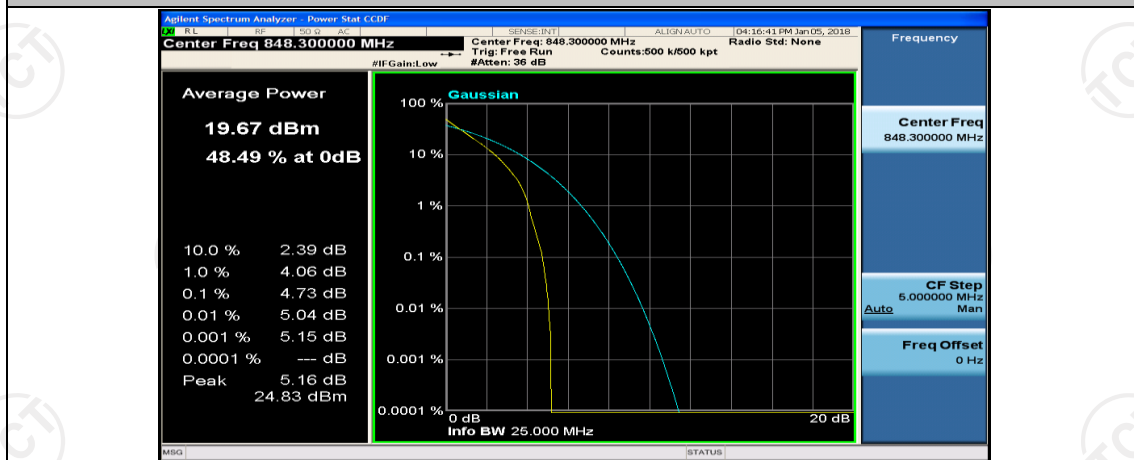
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



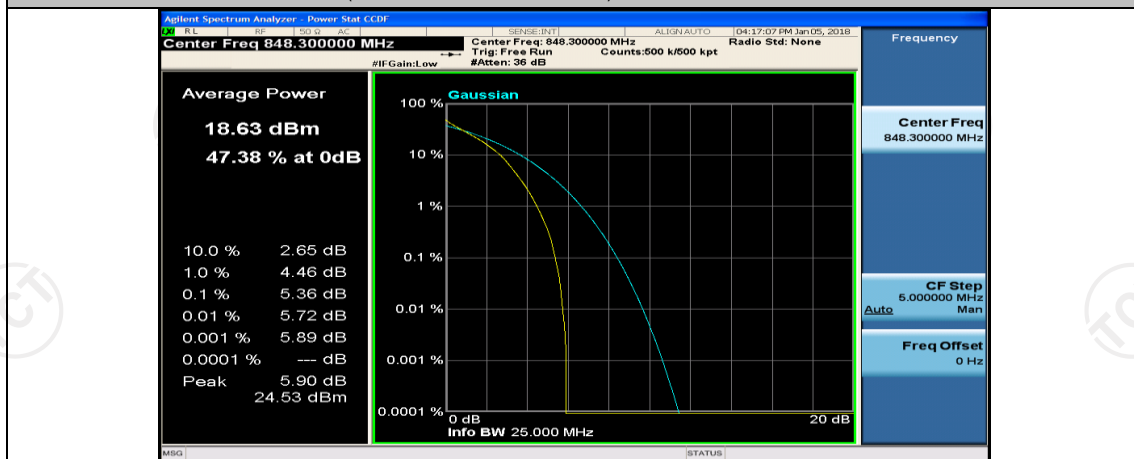
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



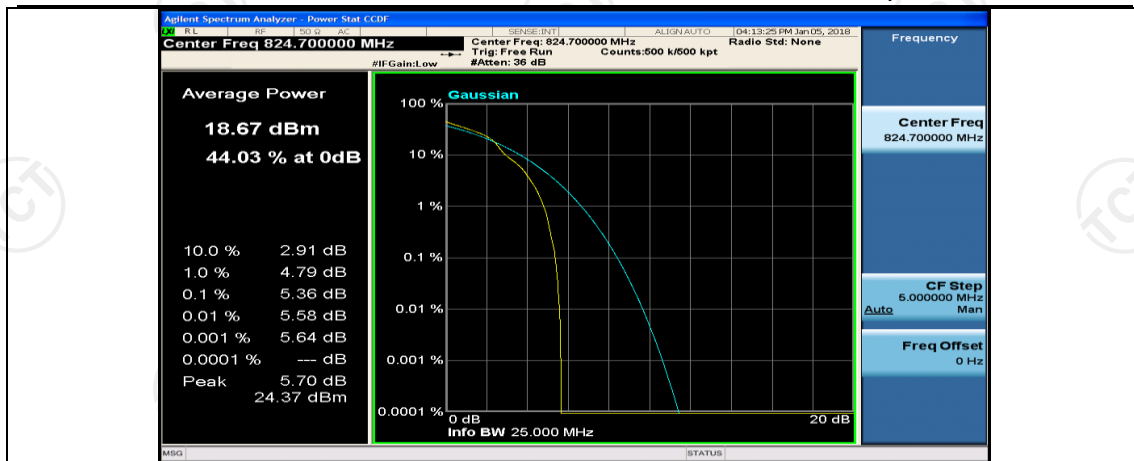
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



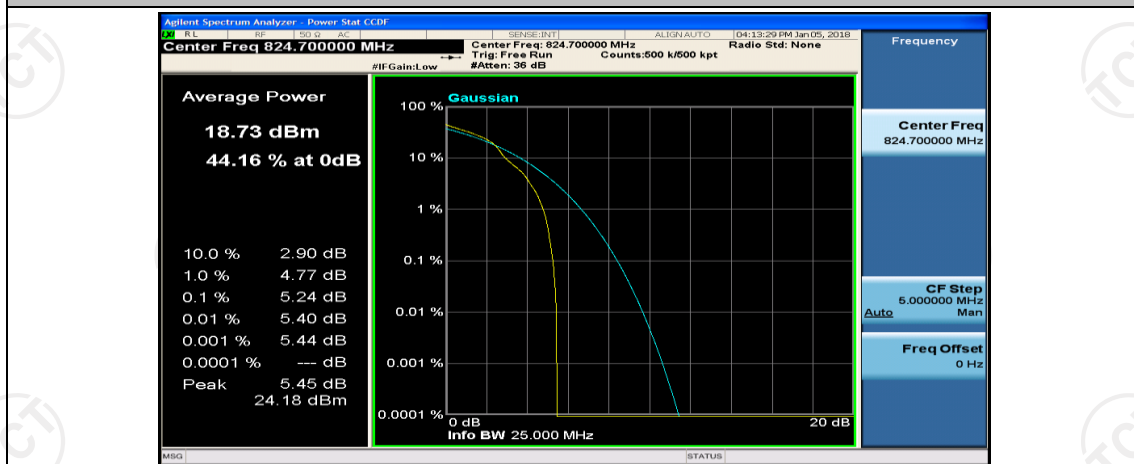
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



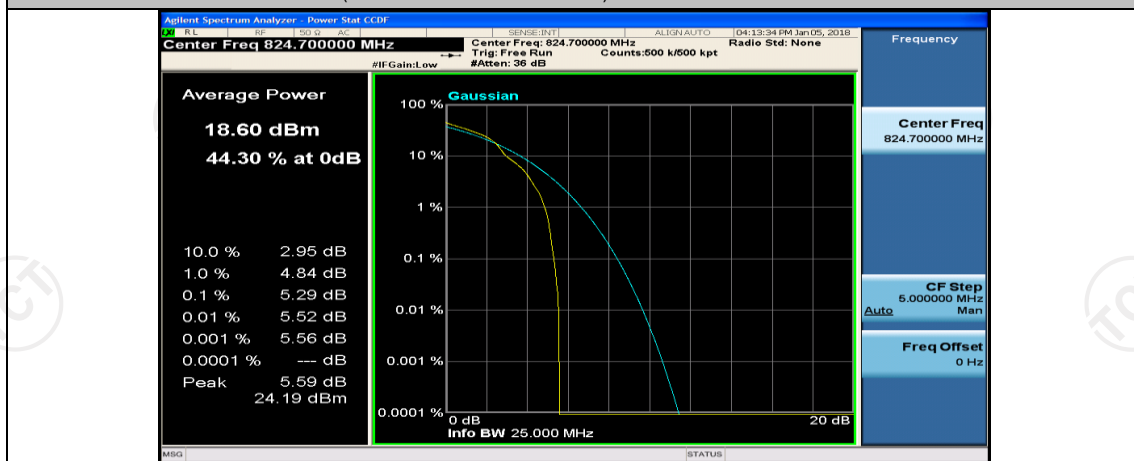
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



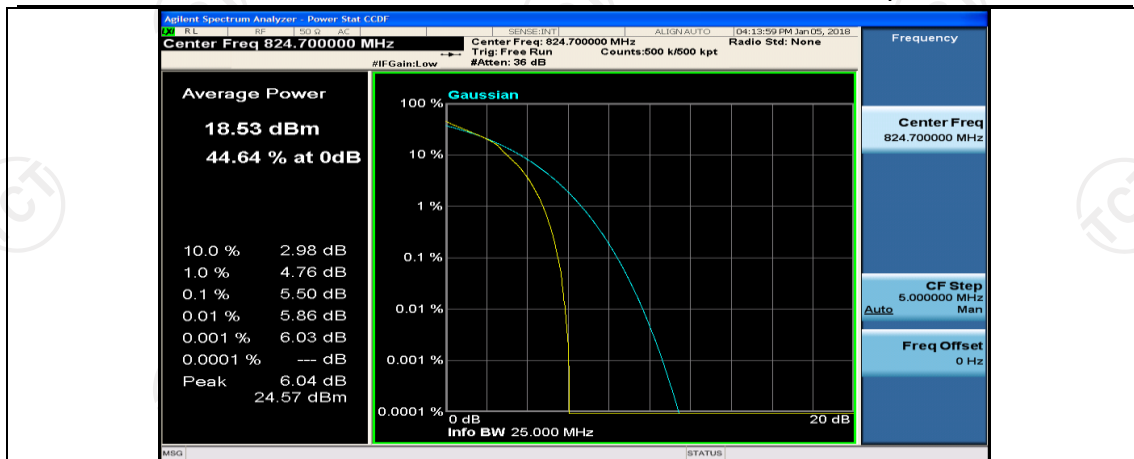
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



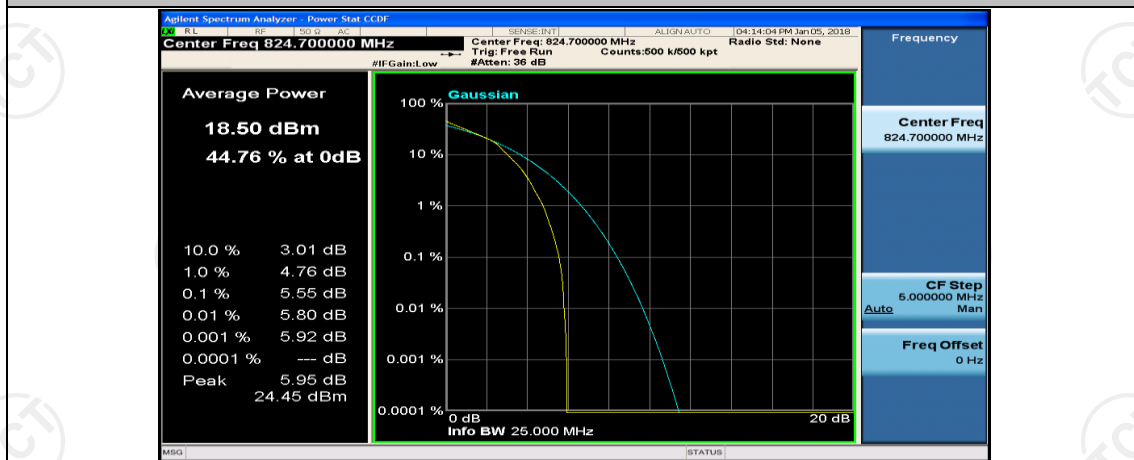
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



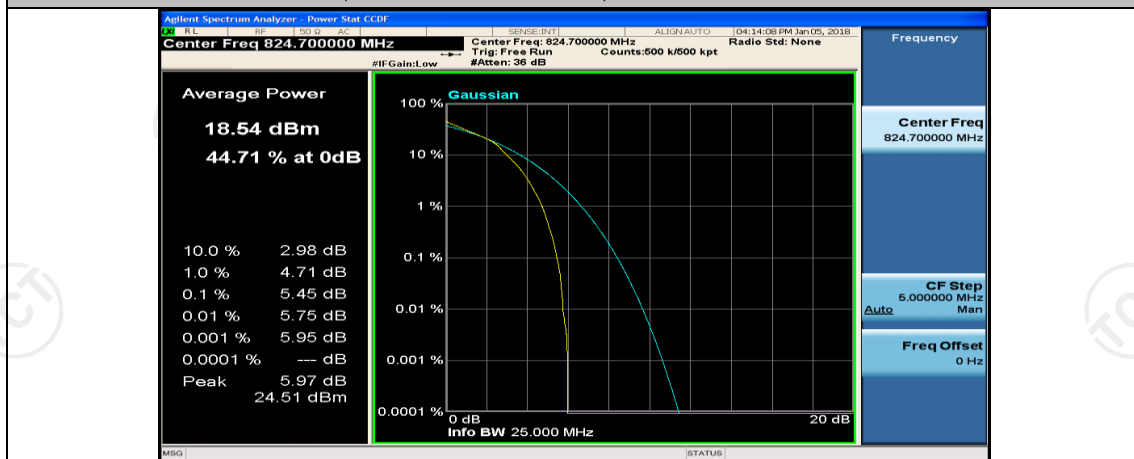
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



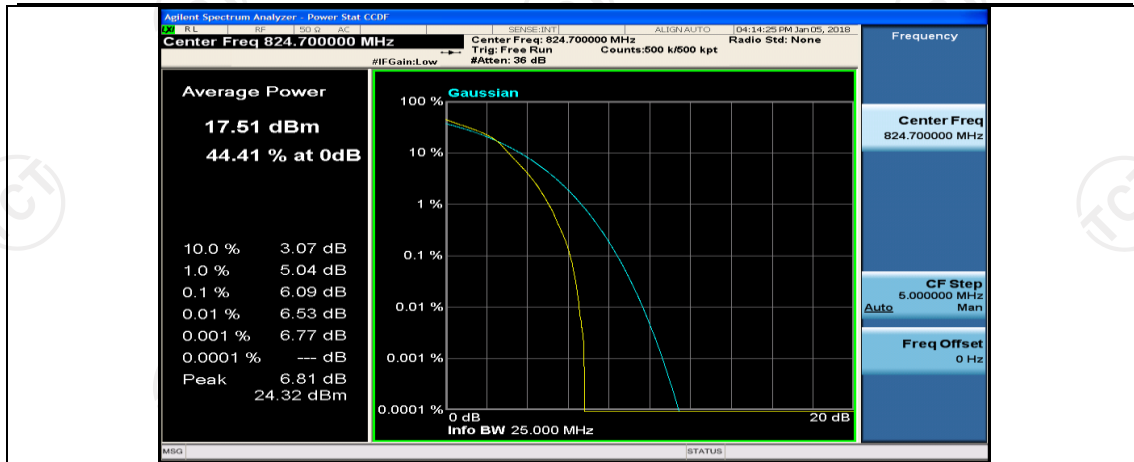
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



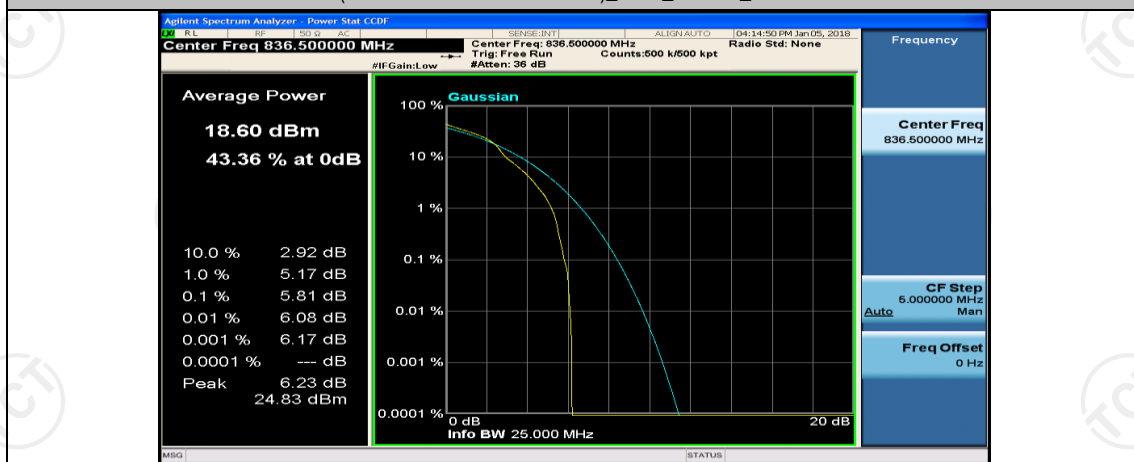
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



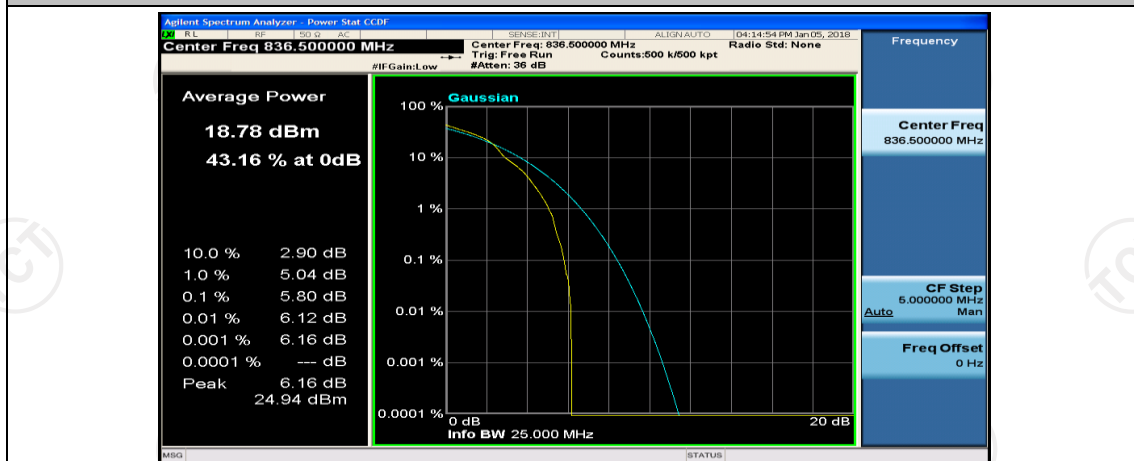
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



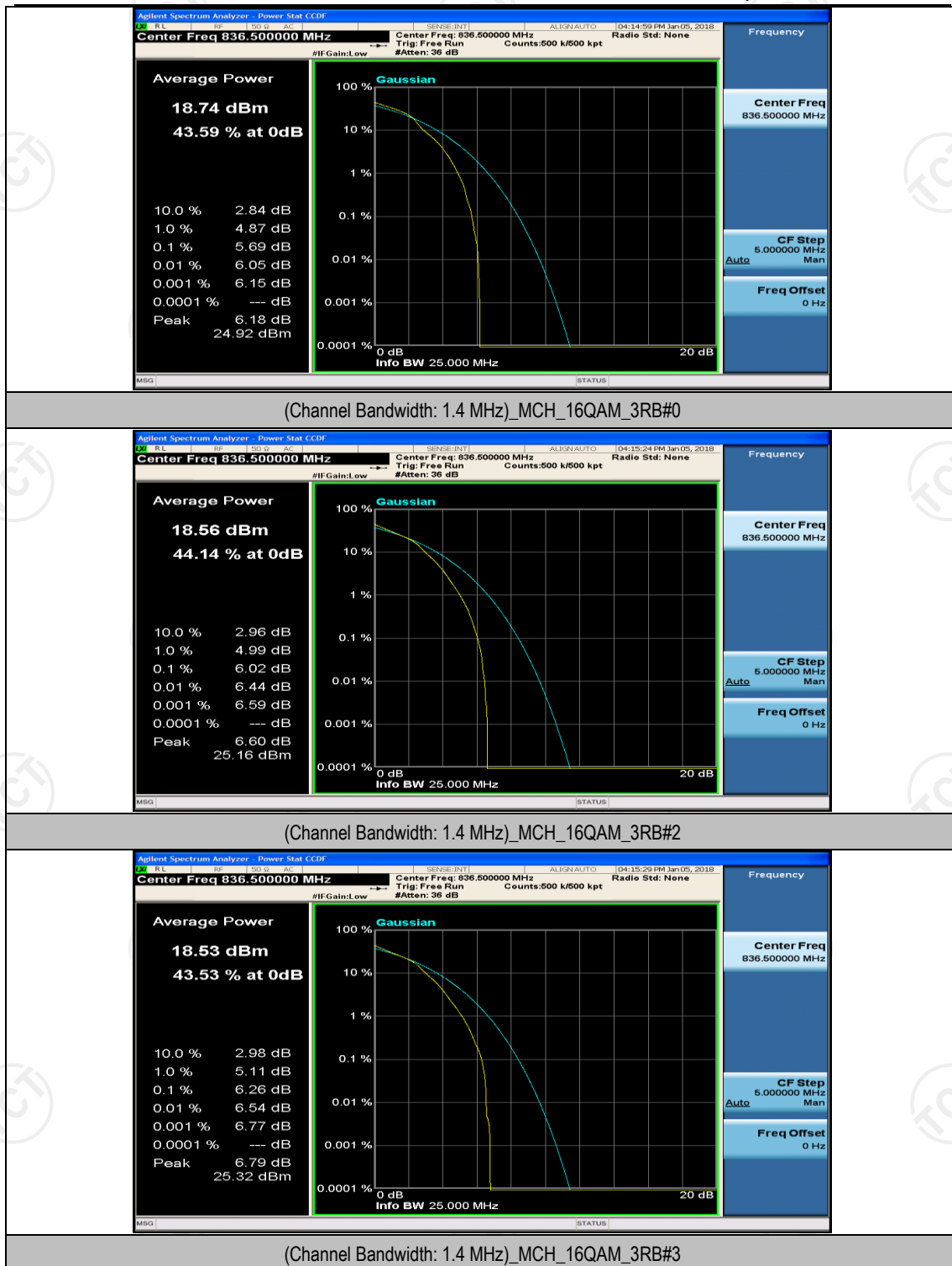
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

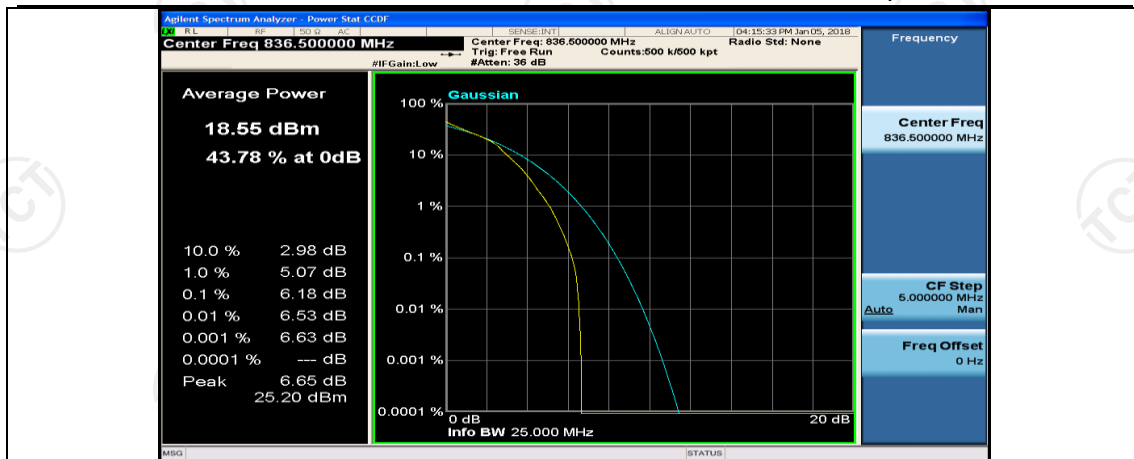


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

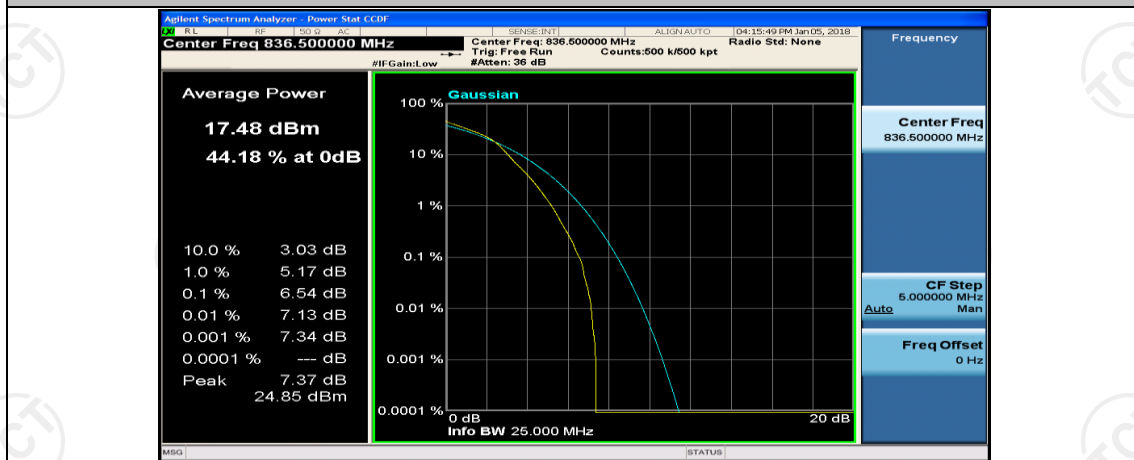


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

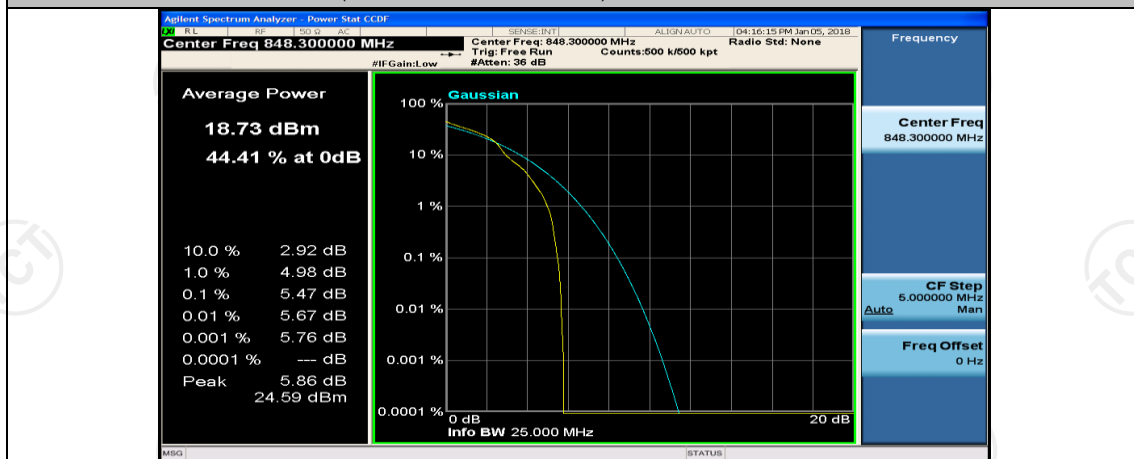




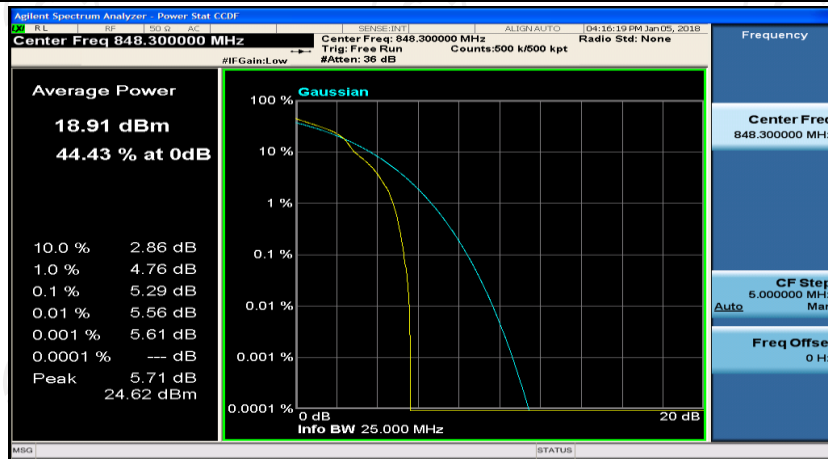
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



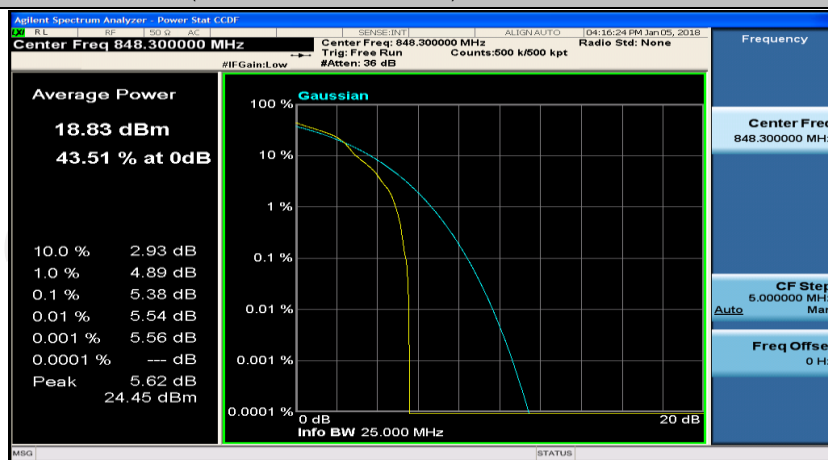
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



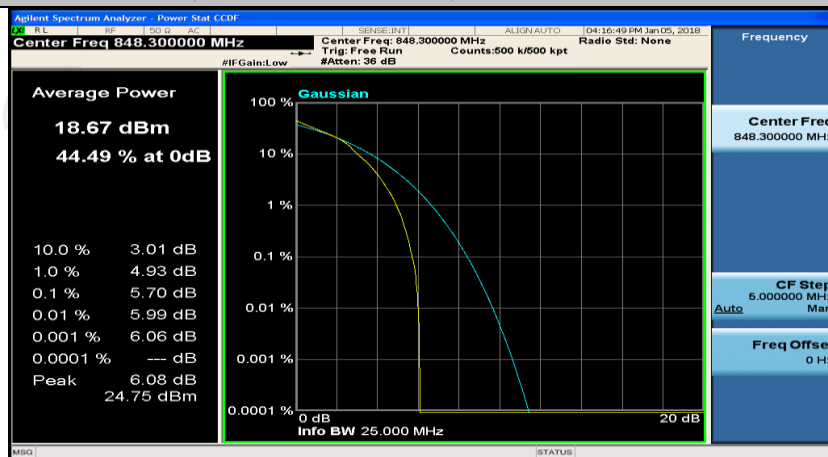
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



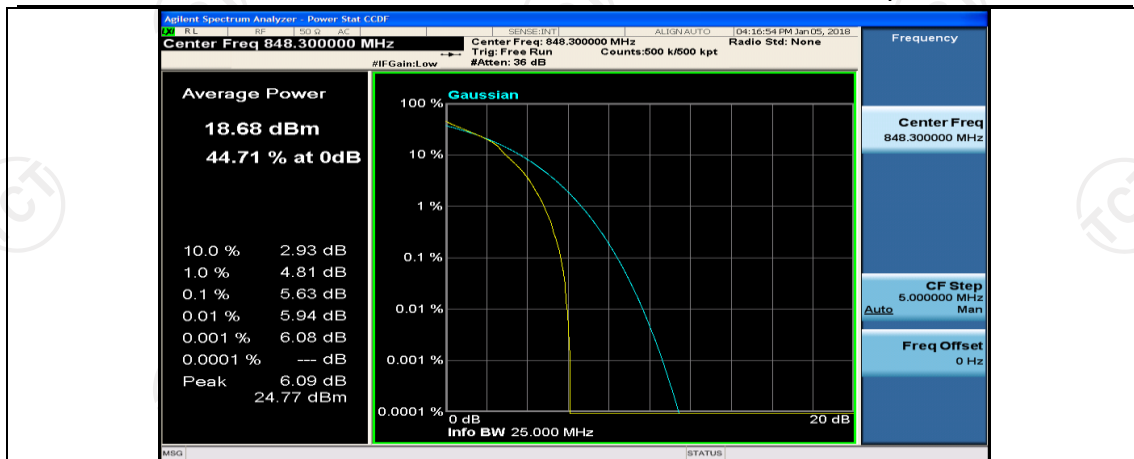
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



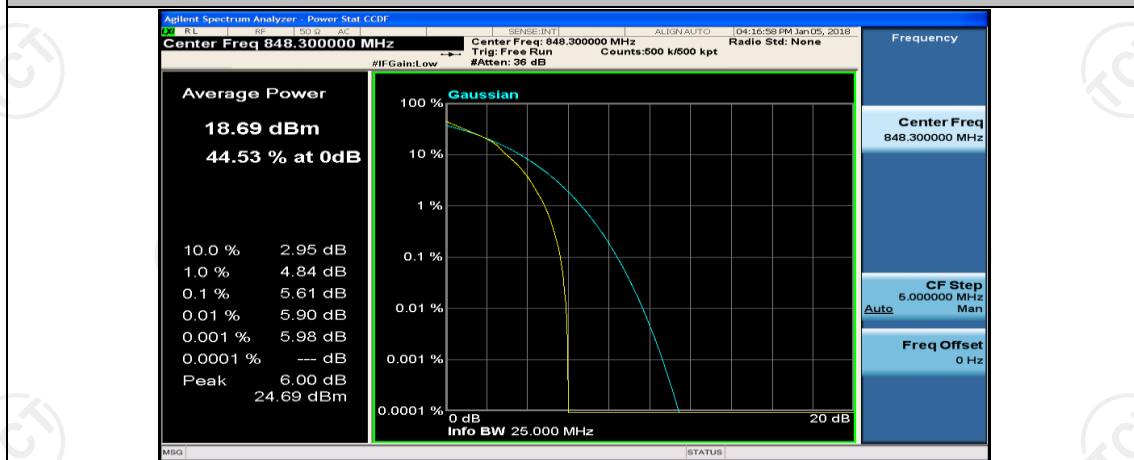
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



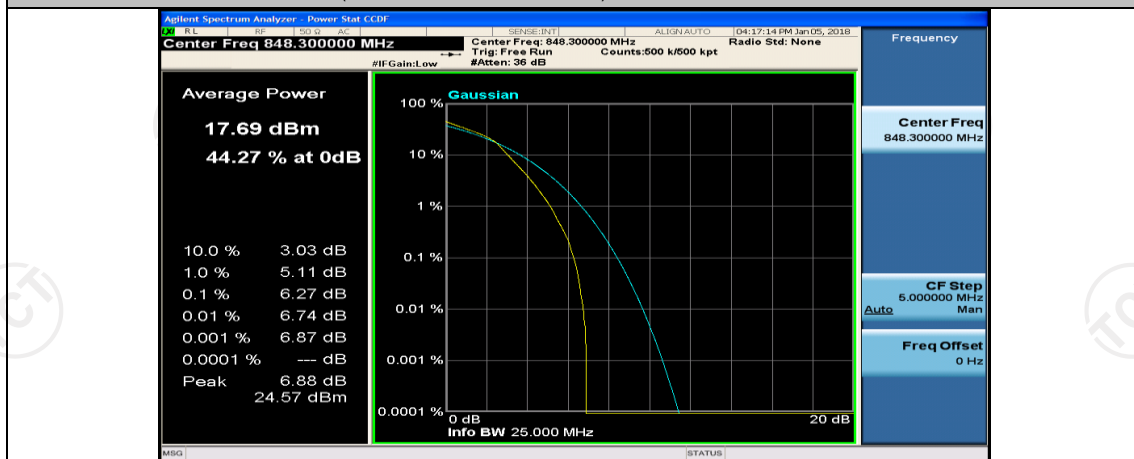
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

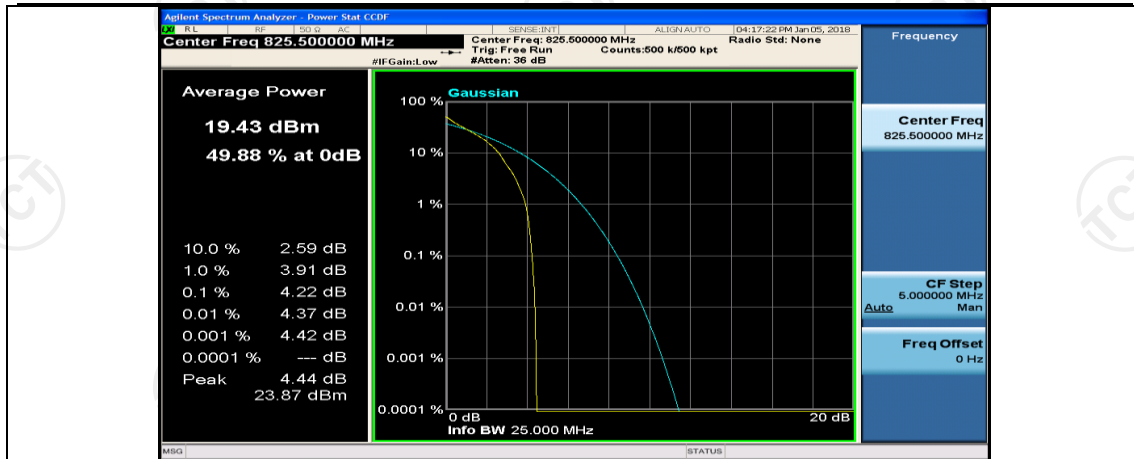


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

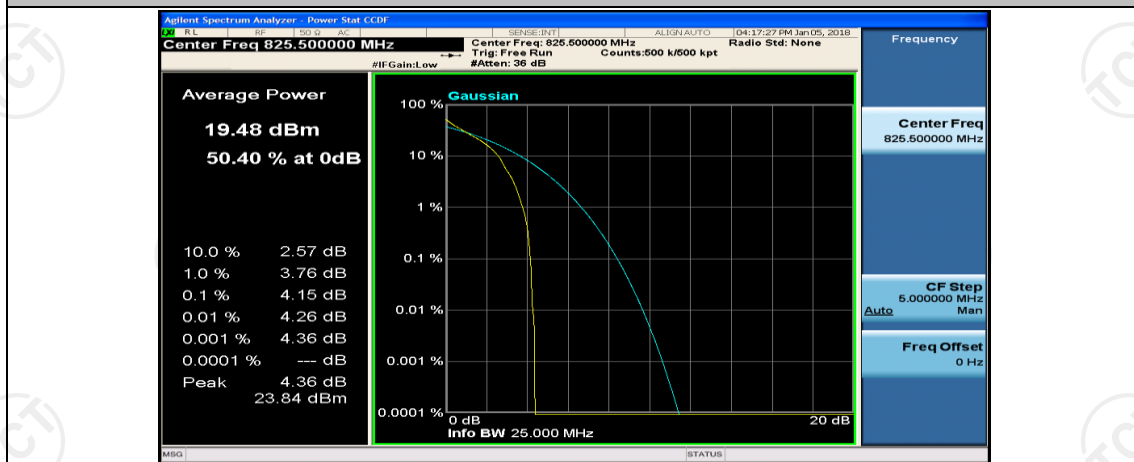


Channel Bandwidth: 3 MHz

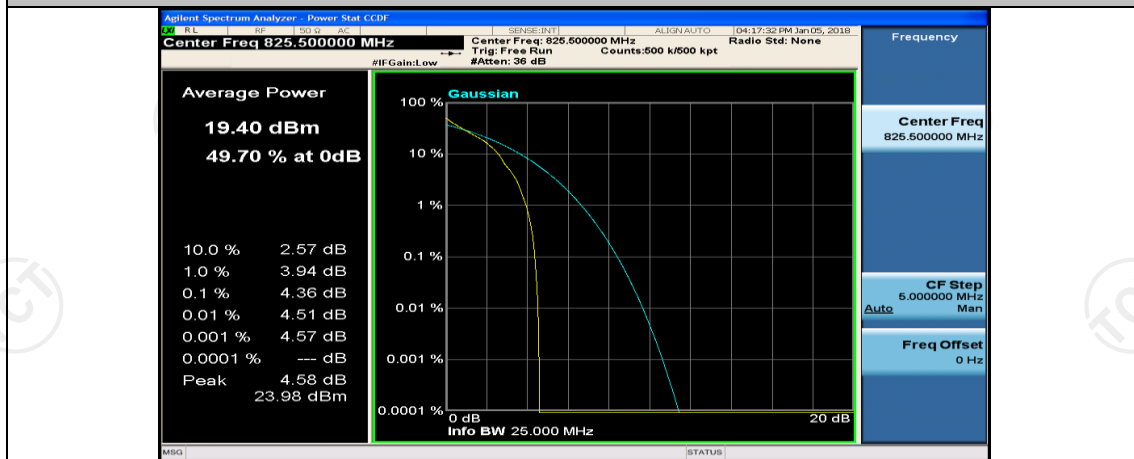
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



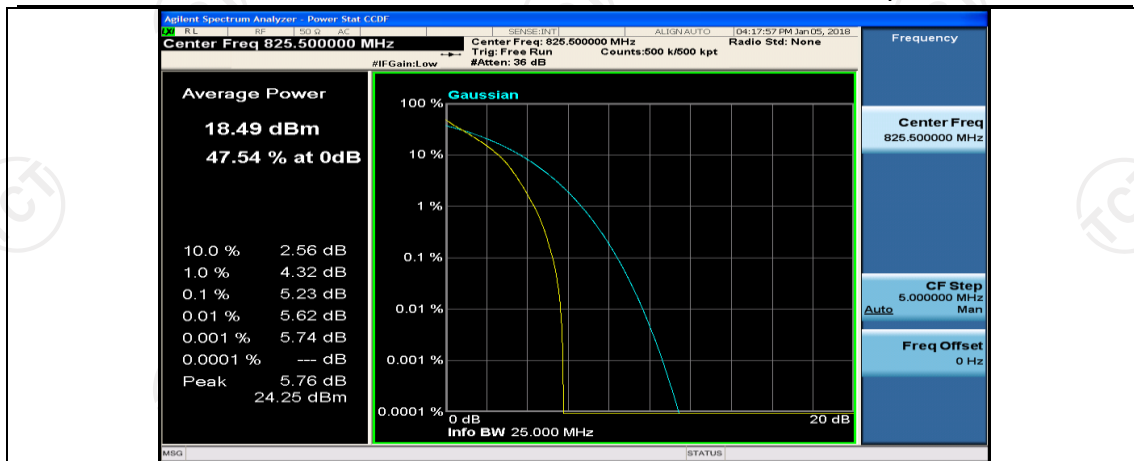
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



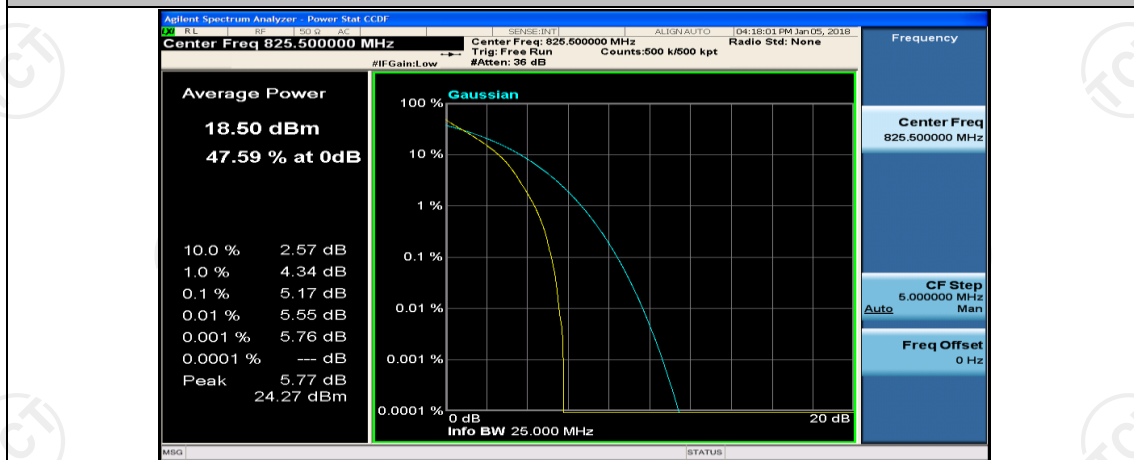
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



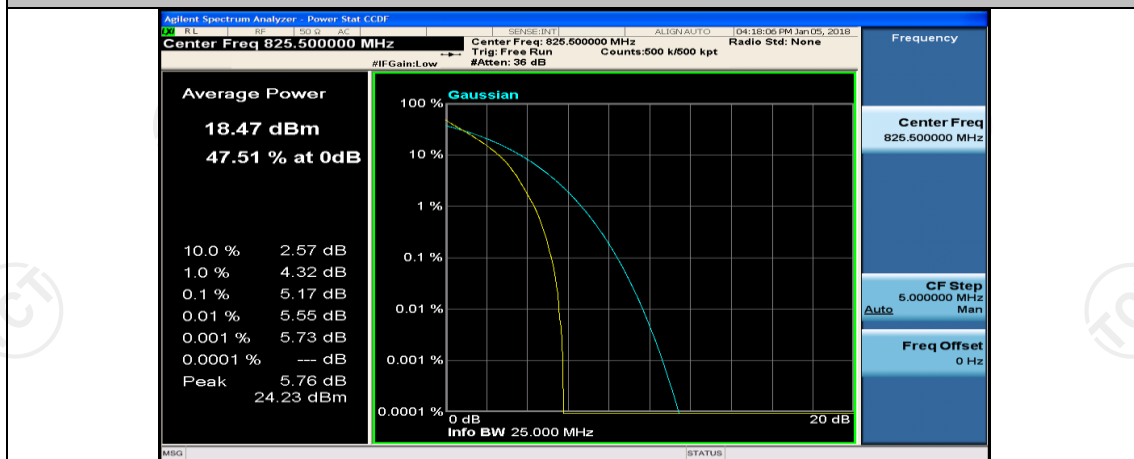
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



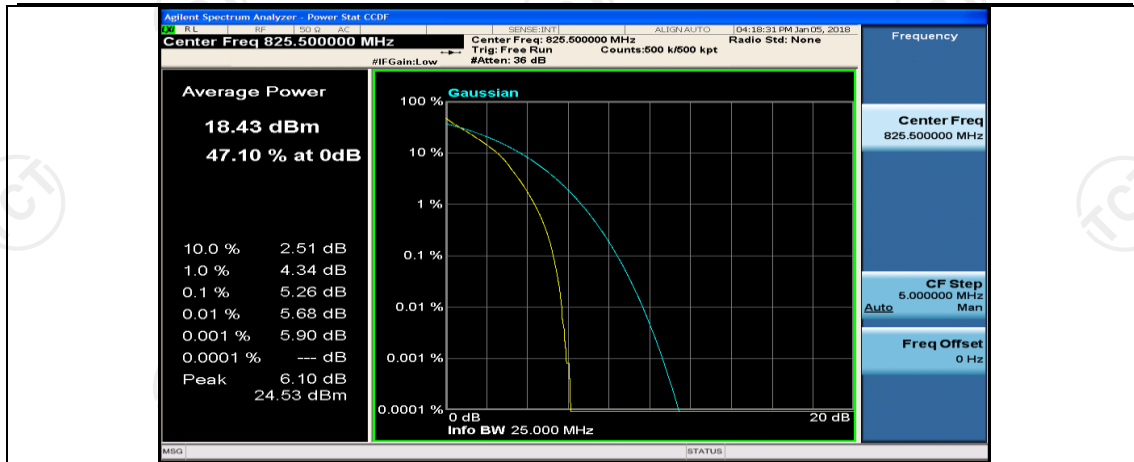
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



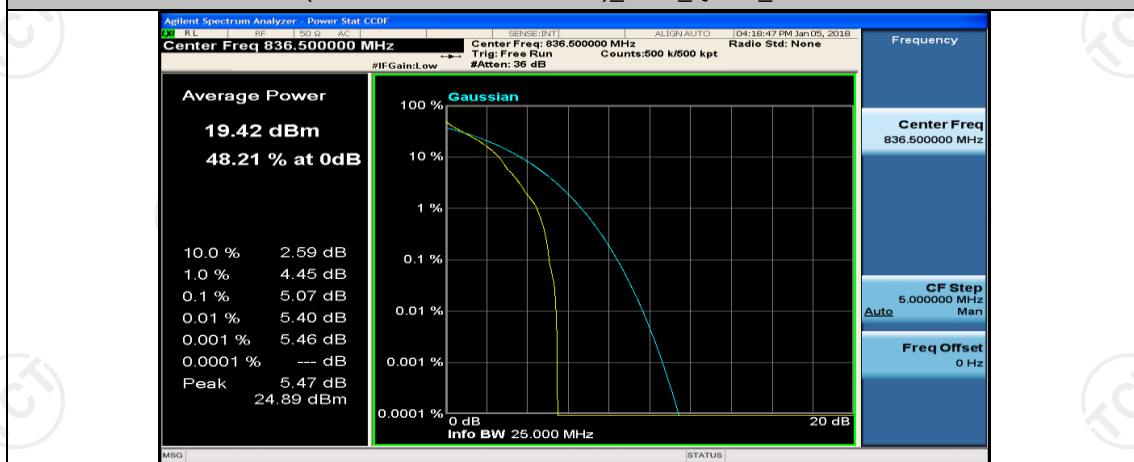
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



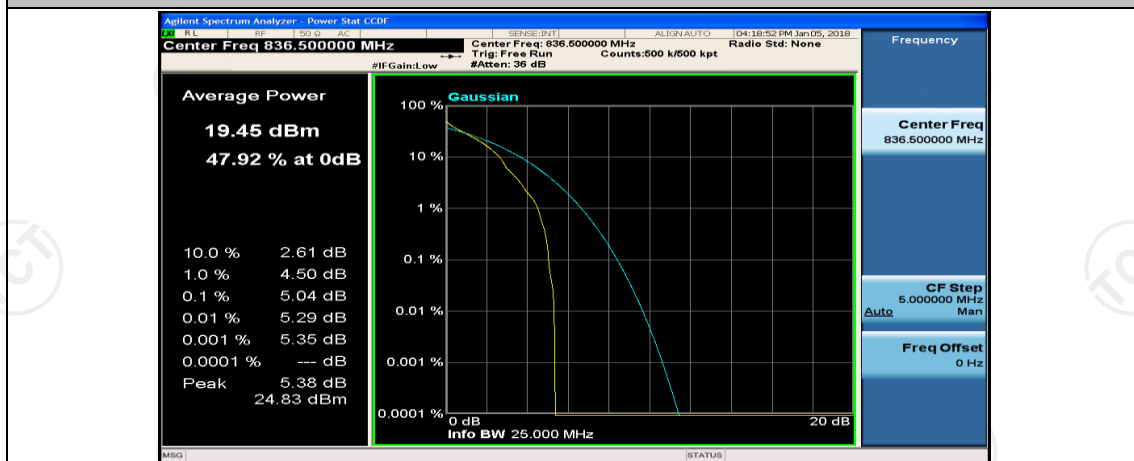
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



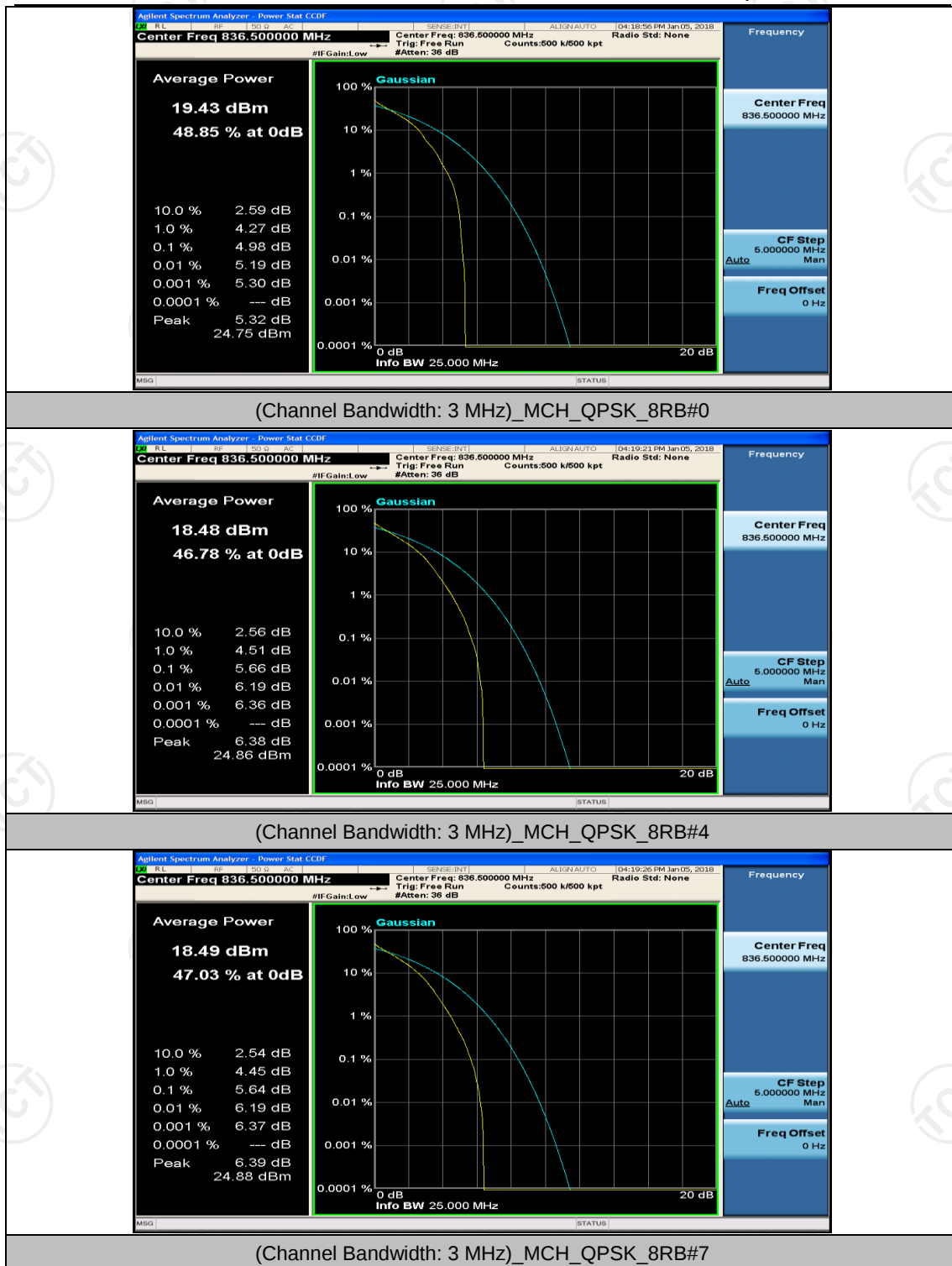
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

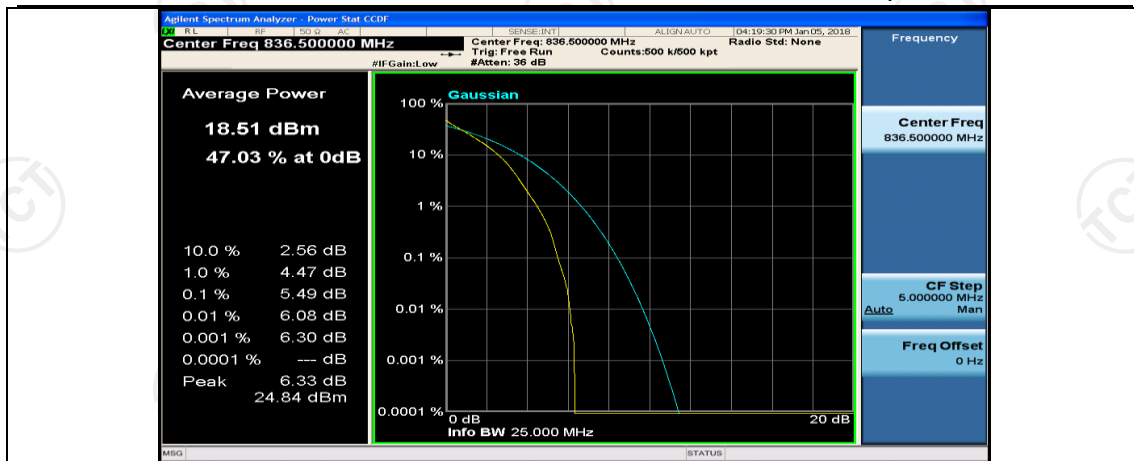


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

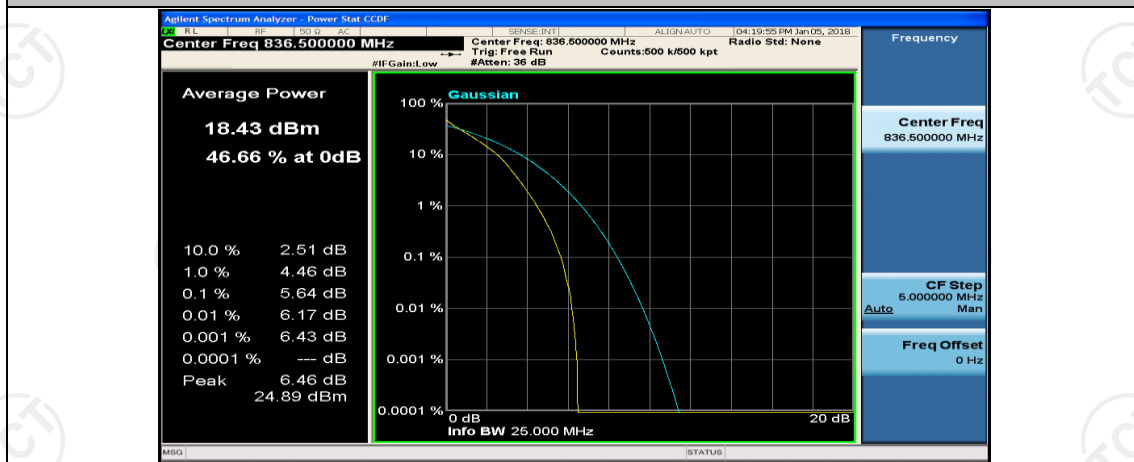


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

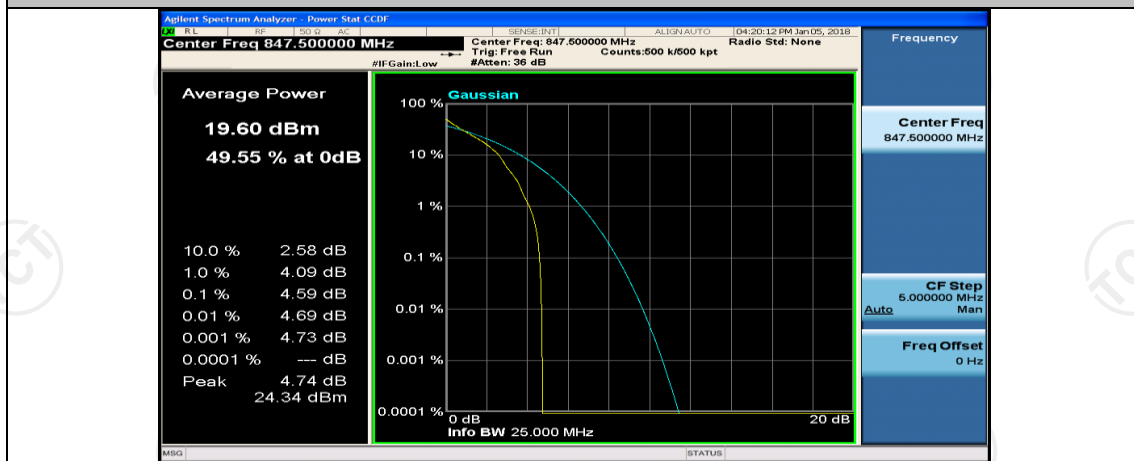




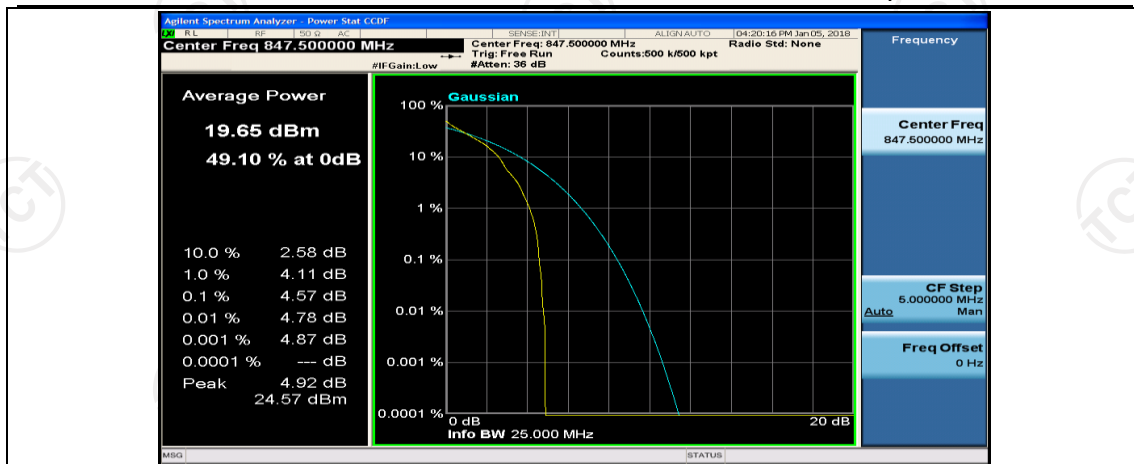
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



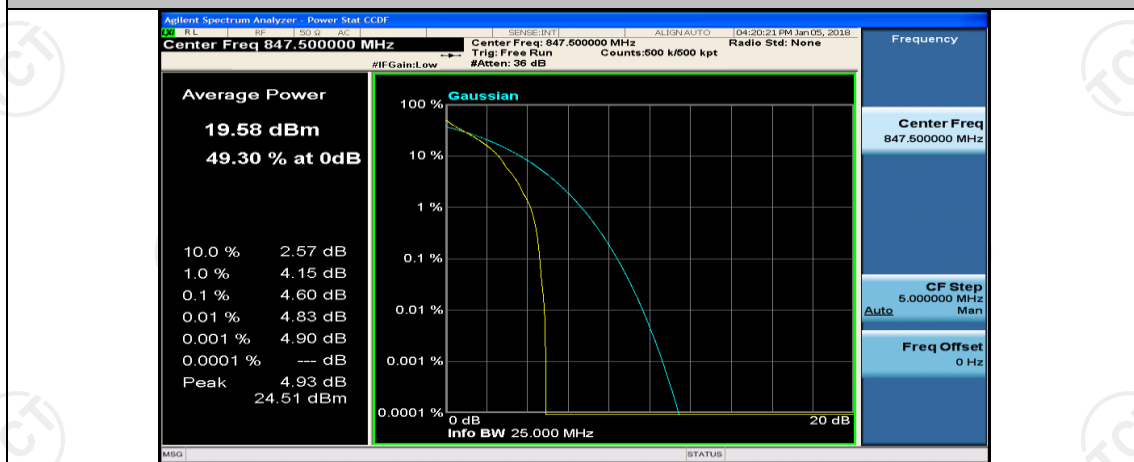
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



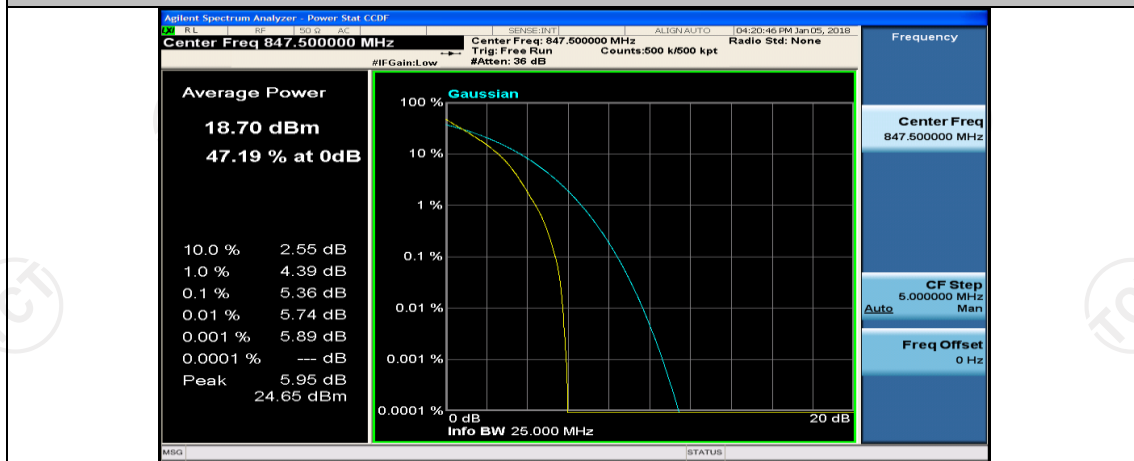
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



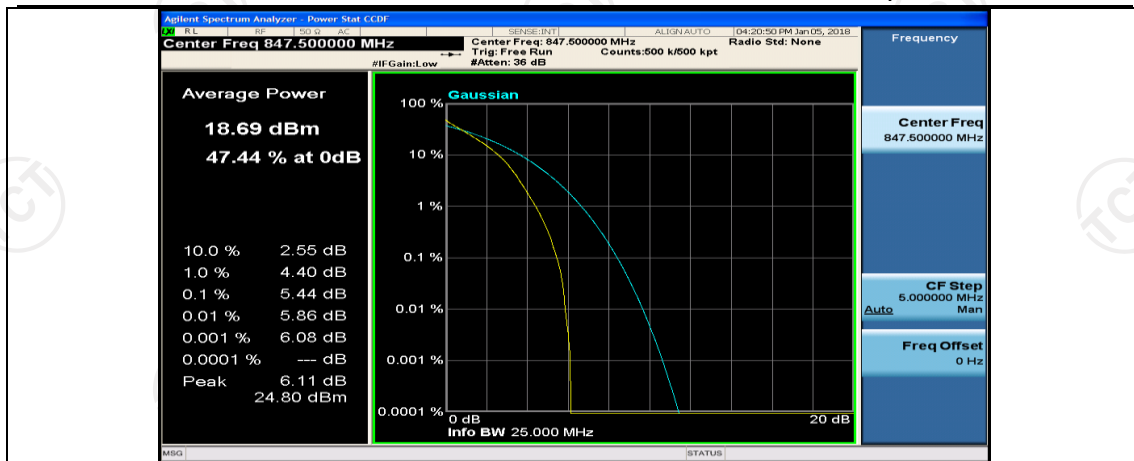
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



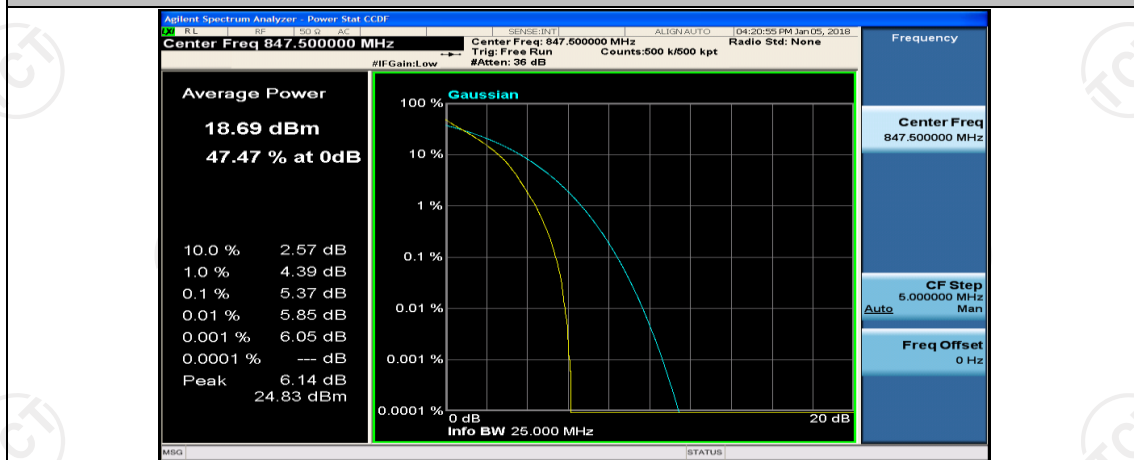
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



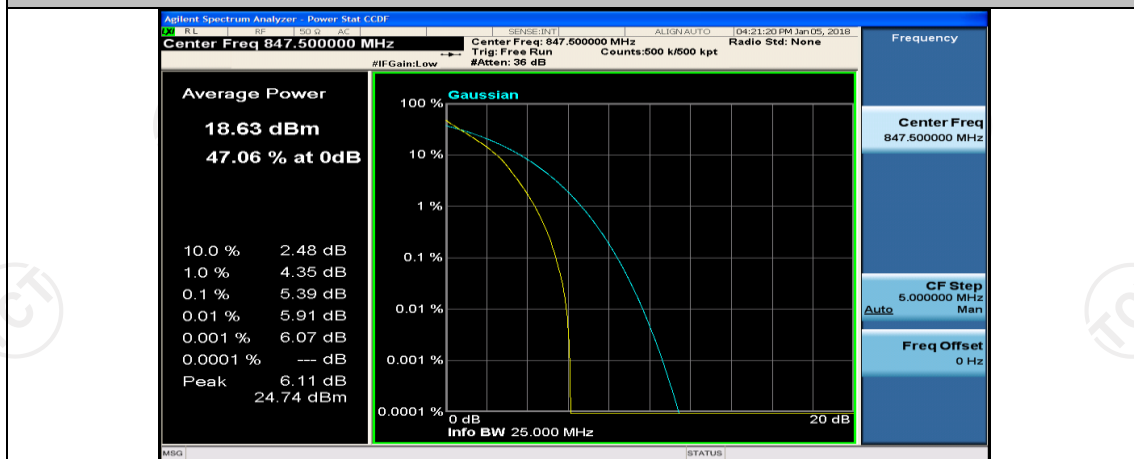
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



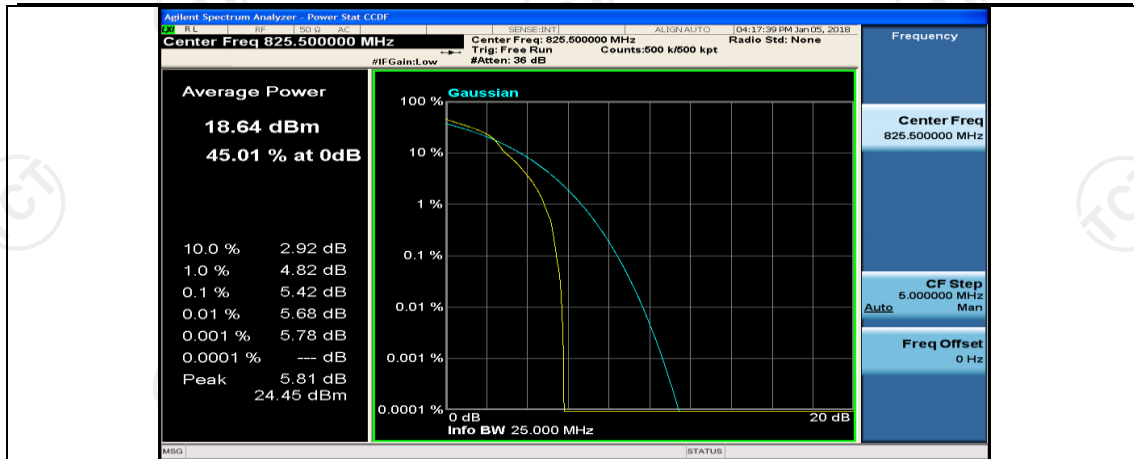
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



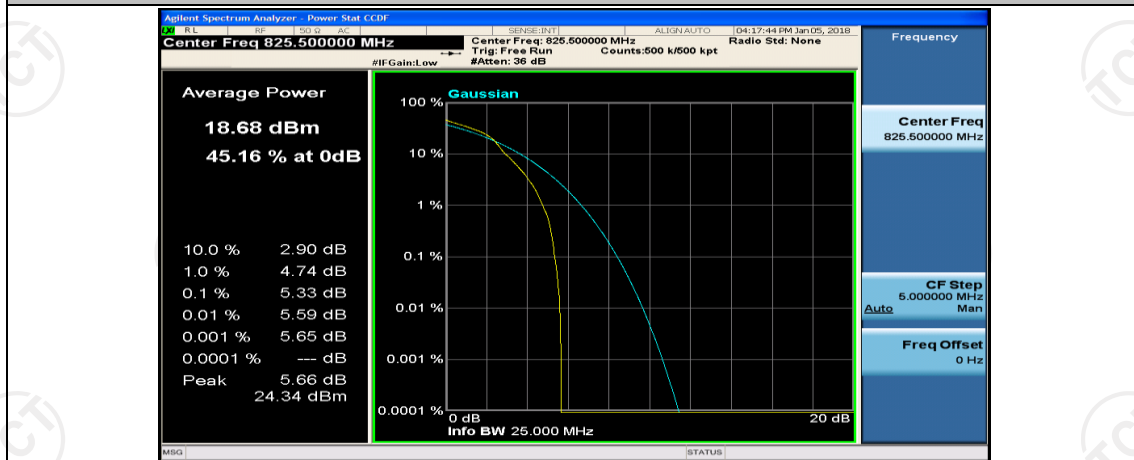
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



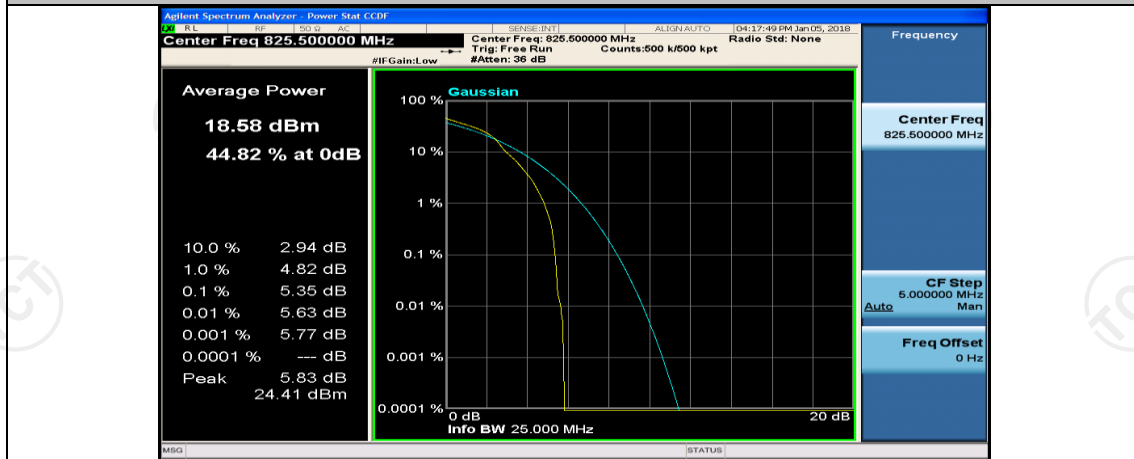
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



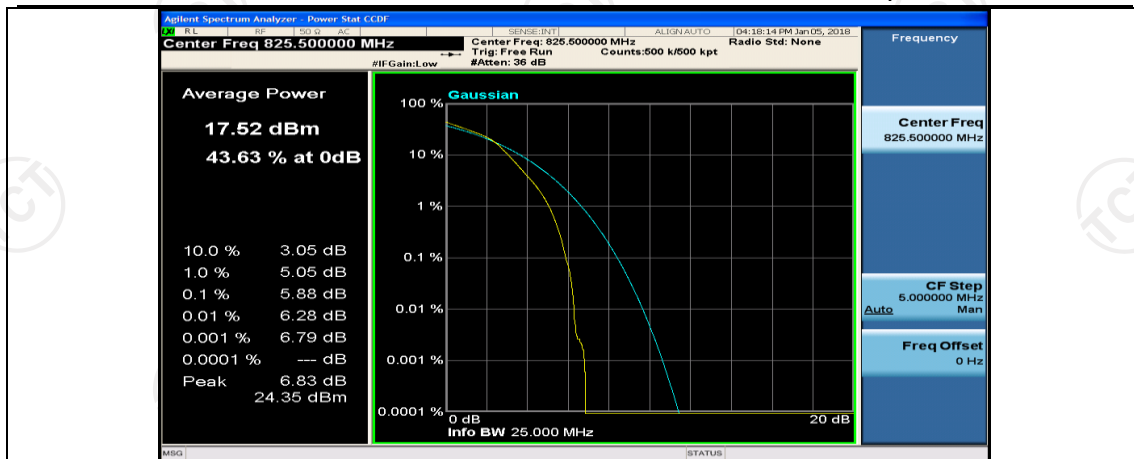
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



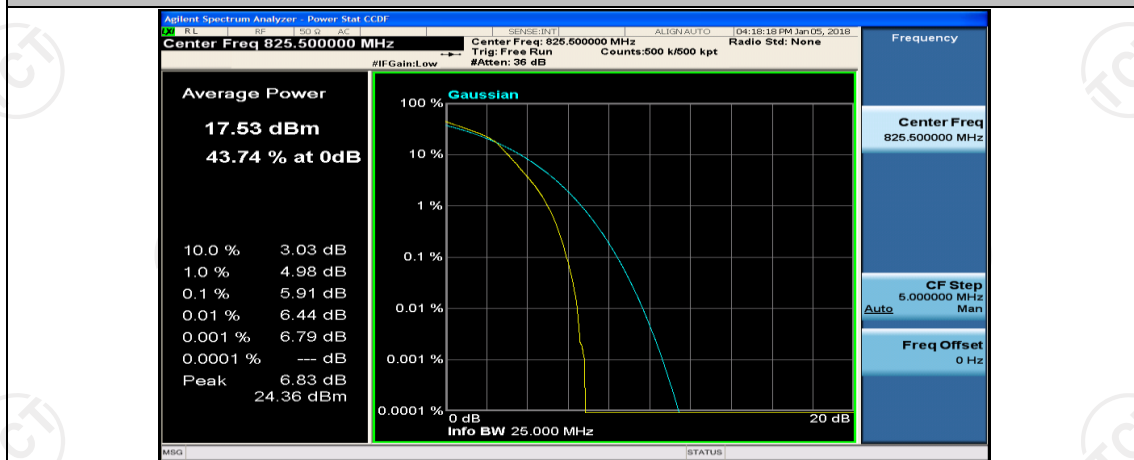
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



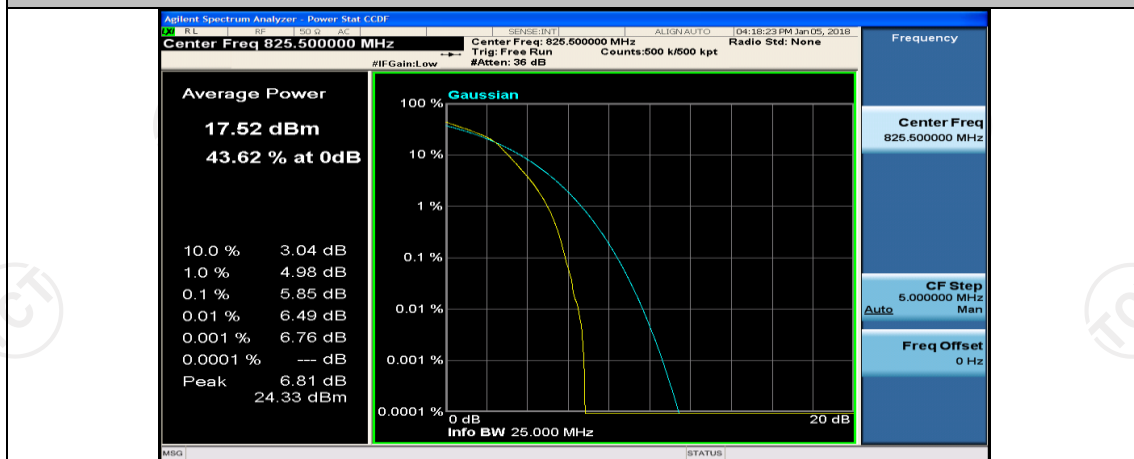
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



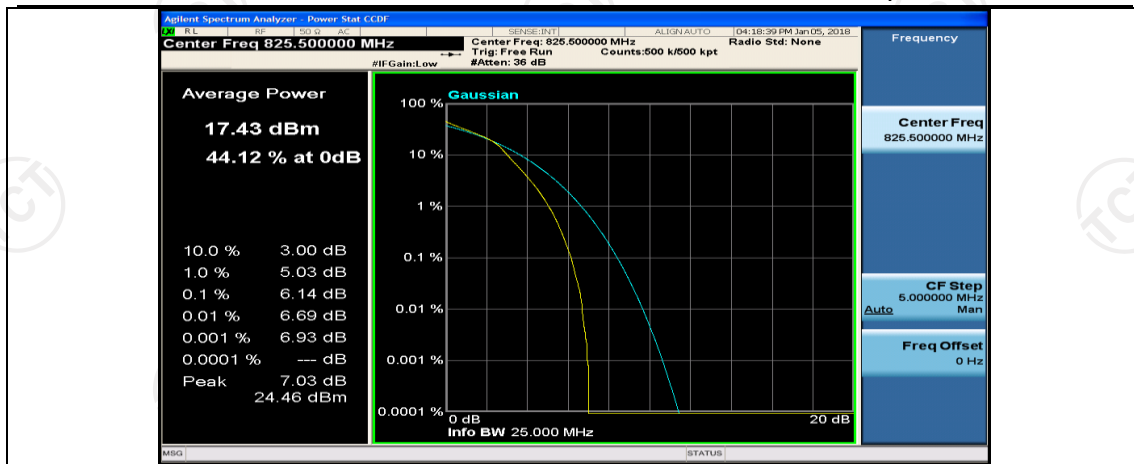
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



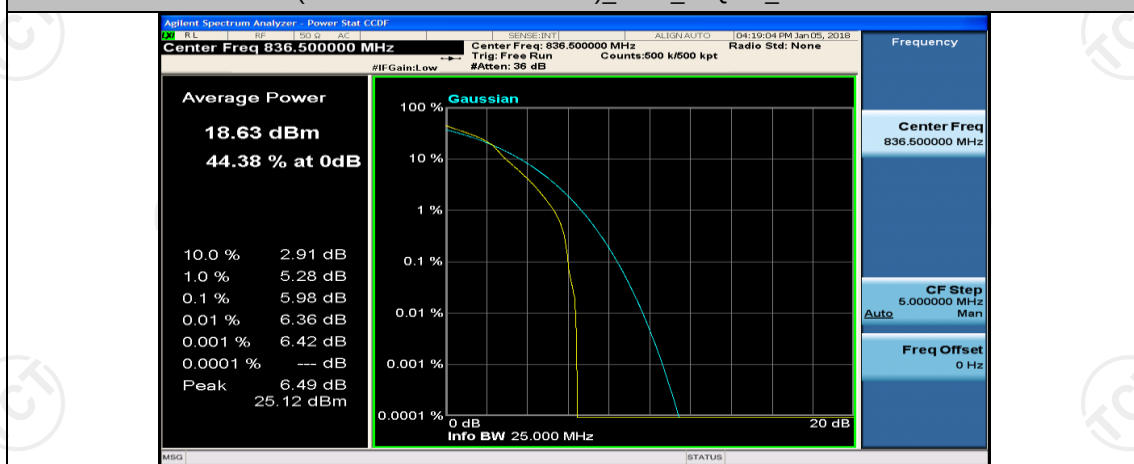
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



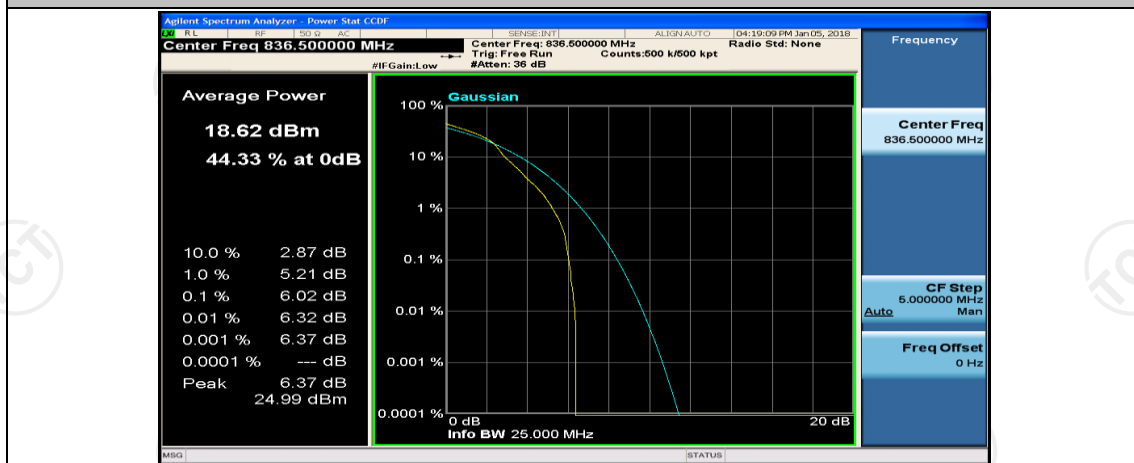
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



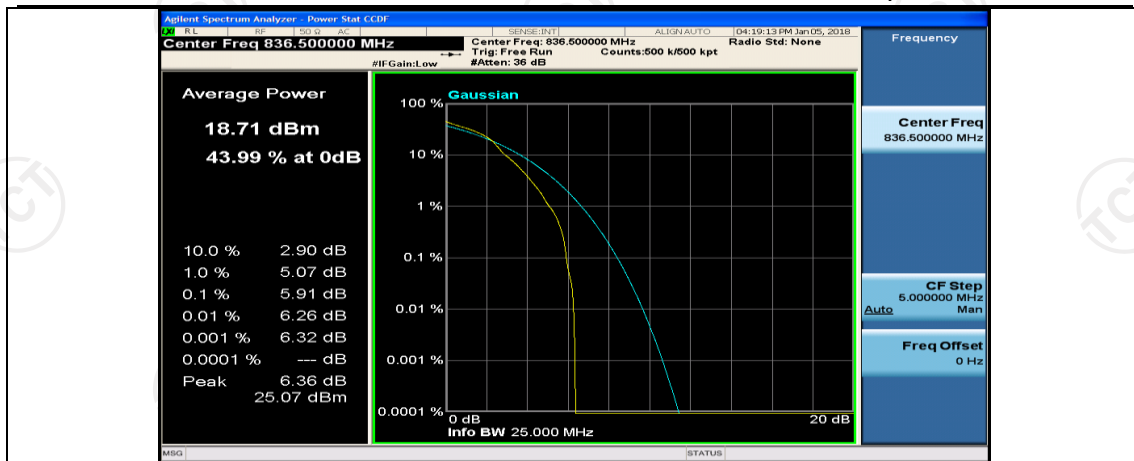
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



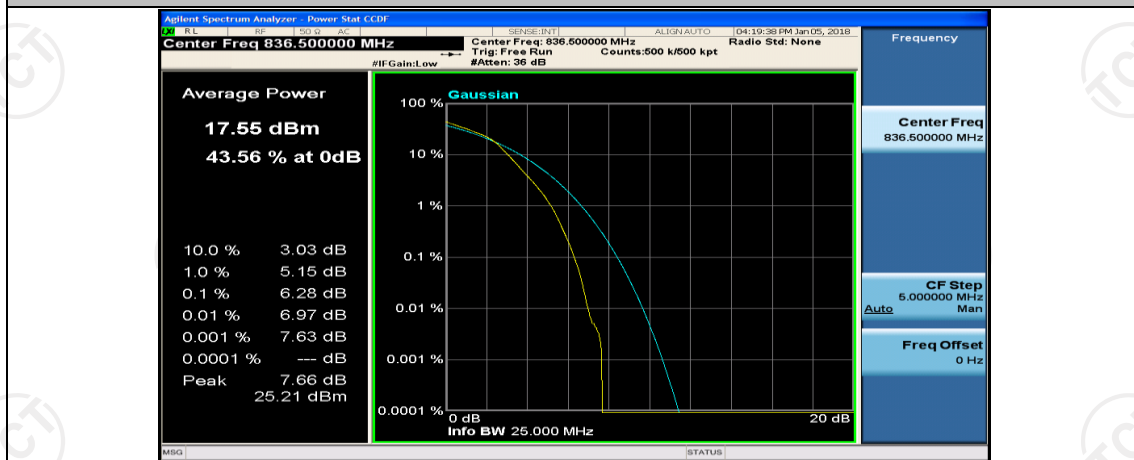
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



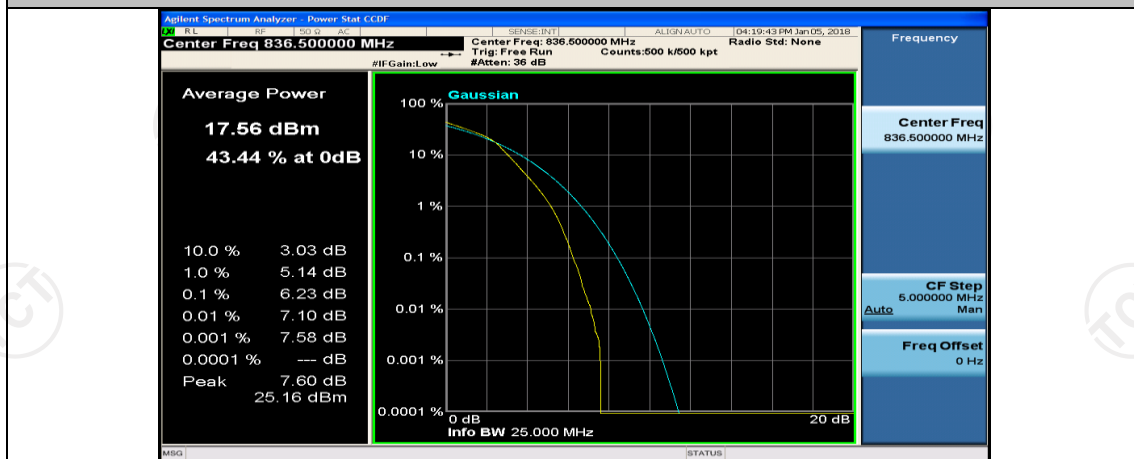
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7