

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.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.17	23.47	PASS
		1	3	24.27	23.57	PASS
		1	5	24.14	23.44	PASS
		3	0	23.97	23.27	PASS
		3	2	23.96	23.26	PASS
		3	3	24.05	23.35	PASS
		6	0	23.04	22.34	PASS
	MCH	1	0	23.81	23.11	PASS
		1	3	23.90	23.20	PASS
		1	5	23.77	23.07	PASS
		3	0	24.05	23.35	PASS
		3	2	24.05	23.35	PASS
		3	3	23.87	23.17	PASS
		6	0	22.87	22.17	PASS
	HCH	1	0	23.57	22.87	PASS
		1	3	23.70	23.00	PASS
		1	5	23.61	22.91	PASS
		3	0	23.69	22.99	PASS
		3	2	23.69	22.99	PASS
		3	3	23.80	23.10	PASS
		6	0	22.74	22.04	PASS
16QAM	LCH	1	0	23.37	22.67	PASS
		1	3	23.75	23.05	PASS
		1	5	23.33	22.63	PASS
		3	0	22.89	22.19	PASS
		3	2	22.89	22.19	PASS
		3	3	23.05	22.35	PASS
		6	0	22.00	21.30	PASS
	MCH	1	0	22.72	22.02	PASS
		1	3	23.00	22.30	PASS
		1	5	22.99	22.29	PASS
		3	0	22.92	22.22	PASS
		3	2	22.92	22.22	PASS

		3	3	22.79	22.09	PASS
		6	0	21.59	20.89	PASS
	HCH	1	0	22.96	22.26	PASS
		1	3	23.10	22.40	PASS
		1	5	22.88	22.18	PASS
		3	0	22.55	21.85	PASS
		3	2	22.55	21.85	PASS
		3	3	22.87	22.17	PASS
		6	0	21.69	20.99	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.14	23.44	PASS
		1	7	24.09	23.39	PASS
		1	14	23.92	23.22	PASS
		8	0	23.07	22.37	PASS
		8	4	23.07	22.37	PASS
		8	7	23.10	22.40	PASS
		15	0	23.04	22.34	PASS
	MCH	1	0	23.81	23.11	PASS
		1	7	23.72	23.02	PASS
		1	14	23.80	23.10	PASS
		8	0	23.03	22.33	PASS
		8	4	23.02	22.32	PASS
		8	7	22.89	22.19	PASS
		15	0	22.93	22.23	PASS
	HCH	1	0	23.88	23.18	PASS
		1	7	24.04	23.34	PASS
		1	14	24.01	23.31	PASS
		8	0	22.93	22.23	PASS
		8	4	22.93	22.23	PASS
		8	7	23.00	22.30	PASS
		15	0	22.78	22.08	PASS
16QAM	LCH	1	0	22.93	22.23	PASS
		1	7	23.02	22.32	PASS
		1	14	22.82	22.12	PASS
		8	0	22.13	21.43	PASS
		8	4	22.13	21.43	PASS
		8	7	22.07	21.37	PASS

	MCH	15	0	22.27	21.57	PASS
		1	0	23.01	22.31	PASS
		1	7	23.06	22.36	PASS
		1	14	23.00	22.30	PASS
		8	0	21.95	21.25	PASS
		8	4	22.05	21.35	PASS
		8	7	22.04	21.34	PASS
		15	0	21.86	21.16	PASS
	HCH	1	0	23.37	22.67	PASS
		1	7	23.25	22.55	PASS
		1	14	23.60	22.90	PASS
		8	0	21.85	21.15	PASS
		8	4	21.85	21.15	PASS
		8	7	22.09	21.39	PASS
		15	0	21.81	21.11	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.04	23.34	PASS
		1	12	23.95	23.25	PASS
		1	24	23.86	23.16	PASS
		12	0	23.12	22.42	PASS
		12	6	23.12	22.42	PASS
		12	13	22.89	22.19	PASS
		25	0	23.02	22.32	PASS
	MCH	1	0	23.90	23.20	PASS
		1	12	24.02	23.32	PASS
		1	24	23.81	23.11	PASS
		12	0	22.91	22.21	PASS
		12	6	22.91	22.21	PASS
		12	13	22.87	22.17	PASS
		25	0	22.92	22.22	PASS
	HCH	1	0	23.66	22.96	PASS
		1	12	23.62	22.92	PASS
		1	24	23.88	23.18	PASS
		12	0	22.79	22.09	PASS
		12	6	22.79	22.09	PASS
		12	13	22.80	22.10	PASS
		25	0	22.75	22.05	PASS

16QAM	LCH	1	0	22.55	21.85	PASS
		1	12	22.53	21.83	PASS
		1	24	22.51	21.81	PASS
		12	0	21.95	21.25	PASS
		12	6	21.95	21.25	PASS
		12	13	21.82	21.12	PASS
		25	0	21.94	21.24	PASS
	MCH	1	0	22.85	22.15	PASS
		1	12	23.08	22.38	PASS
		1	24	22.99	22.29	PASS
		12	0	21.88	21.18	PASS
		12	6	21.88	21.18	PASS
		12	13	21.86	21.16	PASS
		25	0	21.80	21.10	PASS
	HCH	1	0	22.70	22.00	PASS
		1	12	22.38	21.68	PASS
		1	24	22.97	22.27	PASS
		12	0	21.64	20.94	PASS
		12	6	21.65	20.95	PASS
		12	13	21.59	20.89	PASS
		25	0	21.90	21.20	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.92	23.22	PASS
		1	24	23.81	23.11	PASS
		1	49	23.82	23.12	PASS
		25	0	22.99	22.29	PASS
		25	12	22.99	22.29	PASS
		25	25	23.05	22.35	PASS
		50	0	22.87	22.17	PASS
	MCH	1	0	23.72	23.02	PASS
		1	24	24.15	23.45	PASS
		1	49	23.55	22.85	PASS
		25	0	22.91	22.21	PASS
		25	12	22.91	22.21	PASS
		25	25	22.86	22.16	PASS
		50	0	22.90	22.20	PASS
	HCH	1	0	24.01	23.31	PASS

		1	24	23.85	23.15	PASS
		1	49	23.52	22.82	PASS
		25	0	22.94	22.24	PASS
		25	12	22.94	22.24	PASS
		25	25	22.77	22.07	PASS
		50	0	22.86	22.16	PASS
16QAM	LCH	1	0	22.92	22.22	PASS
		1	24	23.01	22.31	PASS
		1	49	22.94	22.24	PASS
		25	0	21.98	21.28	PASS
		25	12	21.98	21.28	PASS
		25	25	21.96	21.26	PASS
		50	0	22.14	21.44	PASS
	MCH	1	0	22.64	21.94	PASS
		1	24	22.95	22.25	PASS
		1	49	22.43	21.73	PASS
		25	0	22.03	21.33	PASS
		25	12	22.03	21.33	PASS
		25	25	22.05	21.35	PASS
		50	0	21.92	21.22	PASS
	HCH	1	0	23.50	22.80	PASS
		1	24	23.32	22.62	PASS
		1	49	23.09	22.39	PASS
		25	0	22.07	21.37	PASS
		25	12	21.89	21.19	PASS
		25	25	21.63	20.93	PASS
		50	0	21.96	21.26	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	4.43	<13	PASS
		1	3	4.33	<13	PASS
		1	5	4.46	<13	PASS
		3	0	4.61	<13	PASS
		3	2	4.60	<13	PASS
		3	3	4.64	<13	PASS
		6	0	5.10	<13	PASS
	MCH	1	0	4.49	<13	PASS
		1	3	4.39	<13	PASS
		1	5	4.49	<13	PASS
		3	0	4.71	<13	PASS
		3	2	4.69	<13	PASS
		3	3	4.72	<13	PASS
		6	0	5.16	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	3	4.09	<13	PASS
		1	5	4.20	<13	PASS
		3	0	4.50	<13	PASS
		3	2	4.48	<13	PASS
		3	3	4.4	<13	PASS
		6	0	4.98	<13	PASS
16QAM	LCH	1	0	5.36	<13	PASS
		1	3	5.23	<13	PASS
		1	5	5.40	<13	PASS
		3	0	5.47	<13	PASS
		3	2	5.52	<13	PASS
		3	3	5.51	<13	PASS
		6	0	5.97	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	3	5.24	<13	PASS
		1	5	5.30	<13	PASS
		3	0	5.64	<13	PASS

		3	2	5.65	<13	PASS
		3	3	5.62	<13	PASS
		6	0	6.00	<13	PASS
	HCH	1	0	5.34	<13	PASS
		1	3	5.17	<13	PASS
		1	5	5.10	<13	PASS
		3	0	5.36	<13	PASS
		3	2	5.36	<13	PASS
		3	3	5.12	<13	PASS
		6	0	5.87	<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	4.47	<13	PASS
		1	7	4.37	<13	PASS
		1	14	4.51	<13	PASS
		8	0	4.90	<13	PASS
		8	4	4.91	<13	PASS
		8	7	4.94	<13	PASS
		15	0	5.16	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	7	4.38	<13	PASS
		1	14	4.47	<13	PASS
		8	0	4.96	<13	PASS
		8	4	4.95	<13	PASS
		8	7	4.91	<13	PASS
		15	0	5.19	<13	PASS
	HCH	1	0	4.45	<13	PASS
		1	7	4.17	<13	PASS
		1	14	4.17	<13	PASS
		8	0	4.92	<13	PASS
		8	4	4.90	<13	PASS
		8	7	4.87	<13	PASS
		15	0	5.10	<13	PASS
16QAM	LCH	1	0	5.39	<13	PASS
		1	7	5.20	<13	PASS
		1	14	5.51	<13	PASS
		8	0	5.78	<13	PASS
		8	4	5.75	<13	PASS

		8	7	5.77	<13	PASS
		15	0	5.97	<13	PASS
	MCH	1	0	5.38	<13	PASS
		1	7	5.30	<13	PASS
		1	14	5.36	<13	PASS
		8	0	5.81	<13	PASS
		8	4	5.83	<13	PASS
		8	7	5.75	<13	PASS
		15	0	6.03	<13	PASS
	HCH	1	0	5.26	<13	PASS
		1	7	5.05	<13	PASS
		1	14	4.96	<13	PASS
		8	0	5.85	<13	PASS
		8	4	5.84	<13	PASS
		8	7	5.72	<13	PASS
		15	0	5.97	<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	4.45	<13	PASS
		1	12	4.39	<13	PASS
		1	24	4.53	<13	PASS
		12	0	4.82	<13	PASS
		12	6	4.84	<13	PASS
		12	13	4.88	<13	PASS
		25	0	5.17	<13	PASS
	MCH	1	0	4.47	<13	PASS
		1	12	4.34	<13	PASS
		1	24	4.47	<13	PASS
		12	0	4.92	<13	PASS
		12	6	4.94	<13	PASS
		12	13	4.87	<13	PASS
		25	0	5.12	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	12	4.34	<13	PASS
		1	24	4.21	<13	PASS
		12	0	4.89	<13	PASS
		12	6	4.88	<13	PASS
		12	13	4.84	<13	PASS

		25	0	5.18	<13	PASS
16QAM	LCH	1	0	5.36	<13	PASS
		1	12	5.22	<13	PASS
		1	24	5.51	<13	PASS
		12	0	5.76	<13	PASS
		12	6	5.77	<13	PASS
		12	13	5.80	<13	PASS
		25	0	5.96	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.22	<13	PASS
		12	0	5.77	<13	PASS
		12	6	5.80	<13	PASS
		12	13	5.79	<13	PASS
		25	0	5.93	<13	PASS
	HCH	1	0	5.23	<13	PASS
		1	12	5.17	<13	PASS
		1	24	4.92	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.75	<13	PASS
		25	0	6.00	<13	PASS

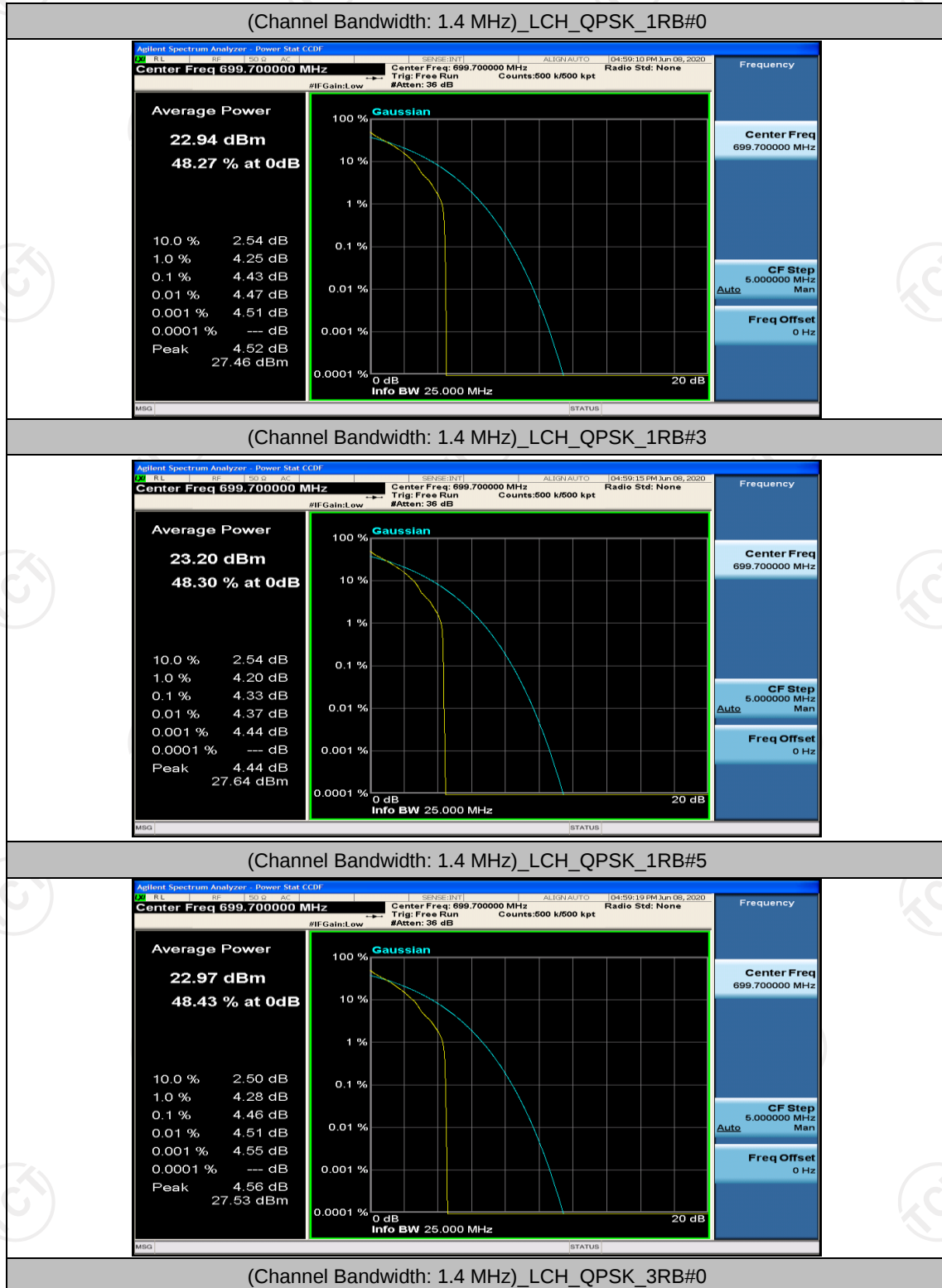
Channel Bandwidth: 10 MHz

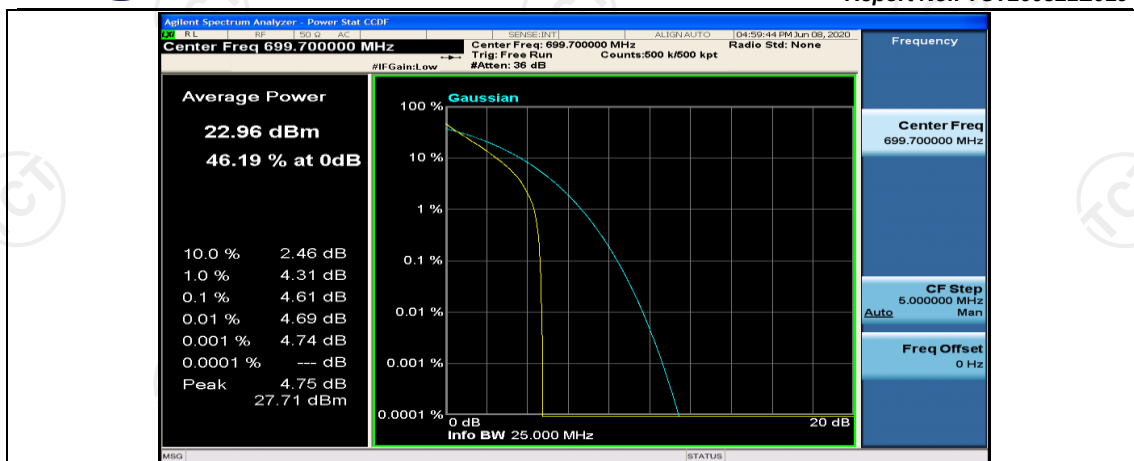
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.42	<13	PASS
		1	24	4.40	<13	PASS
		1	49	4.45	<13	PASS
		25	0	4.86	<13	PASS
		25	12	4.84	<13	PASS
		25	25	4.87	<13	PASS
		50	0	5.16	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.49	<13	PASS
		25	0	4.87	<13	PASS
		25	12	4.86	<13	PASS
		25	25	4.91	<13	PASS
		50	0	5.14	<13	PASS

	HCH	1	0	4.38	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.30	<13	PASS
		25	0	4.82	<13	PASS
		25	12	4.82	<13	PASS
		25	25	4.85	<13	PASS
		50	0	5.26	<13	PASS
16QAM	LCH	1	0	5.10	<13	PASS
		1	24	5.25	<13	PASS
		1	49	5.37	<13	PASS
		25	0	5.75	<13	PASS
		25	12	5.76	<13	PASS
		25	25	5.80	<13	PASS
		50	0	5.96	<13	PASS
	MCH	1	0	5.31	<13	PASS
		1	24	5.22	<13	PASS
		1	49	5.41	<13	PASS
		25	0	5.77	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.98	<13	PASS
	HCH	1	0	5.23	<13	PASS
		1	24	5.26	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.79	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.81	<13	PASS
		50	0	6.05	<13	PASS

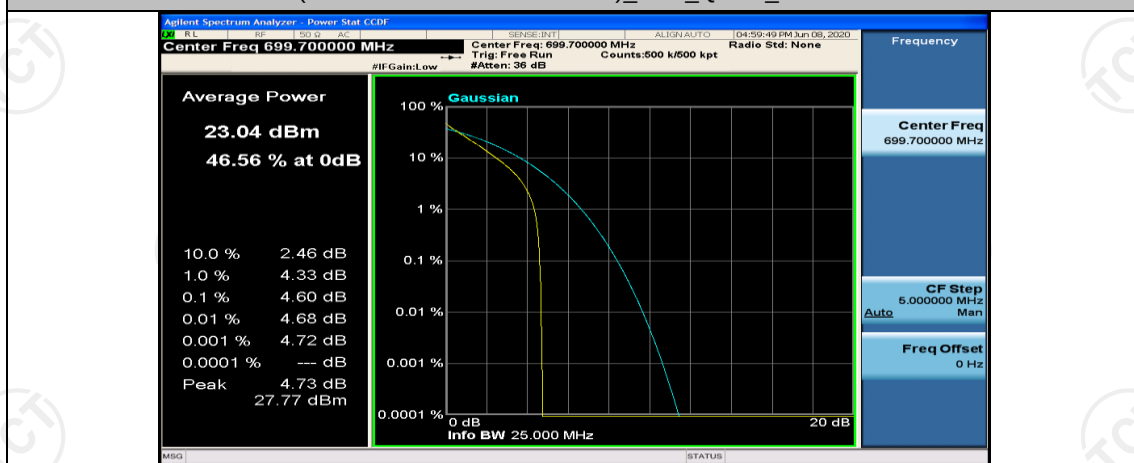
Test Graphs

Channel Bandwidth: 1.4 MHz

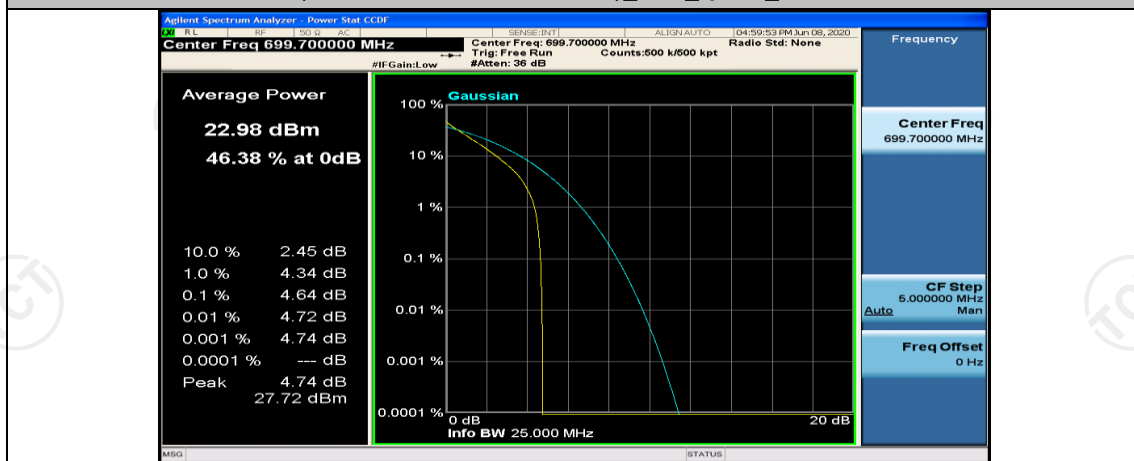




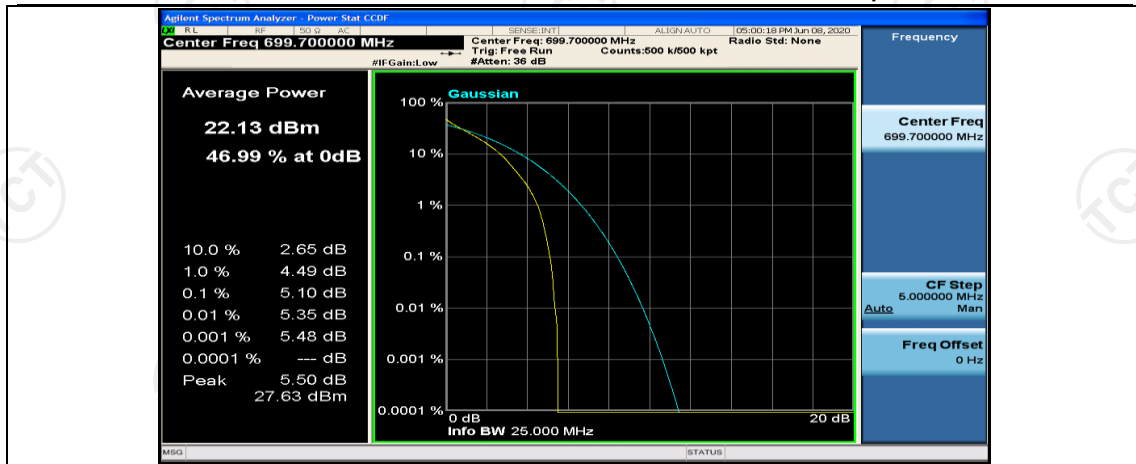
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



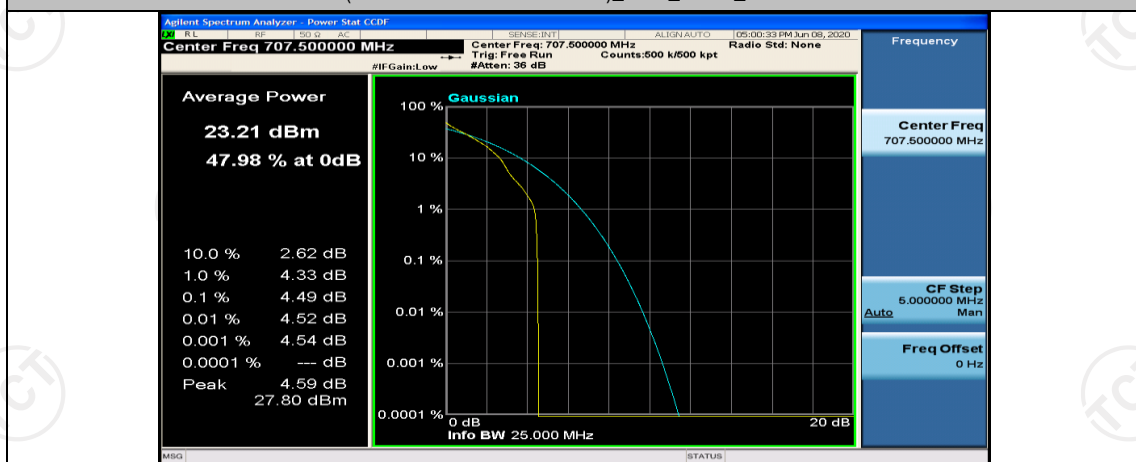
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



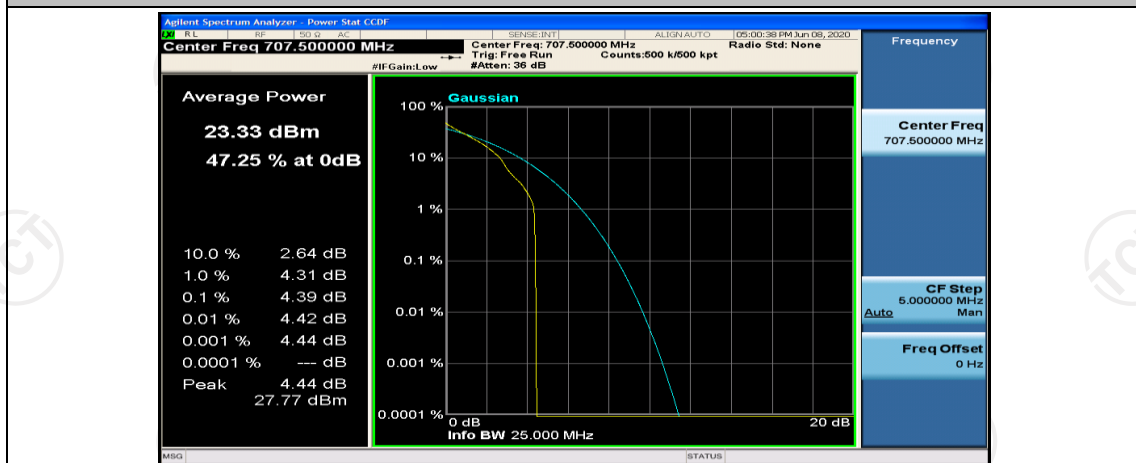
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



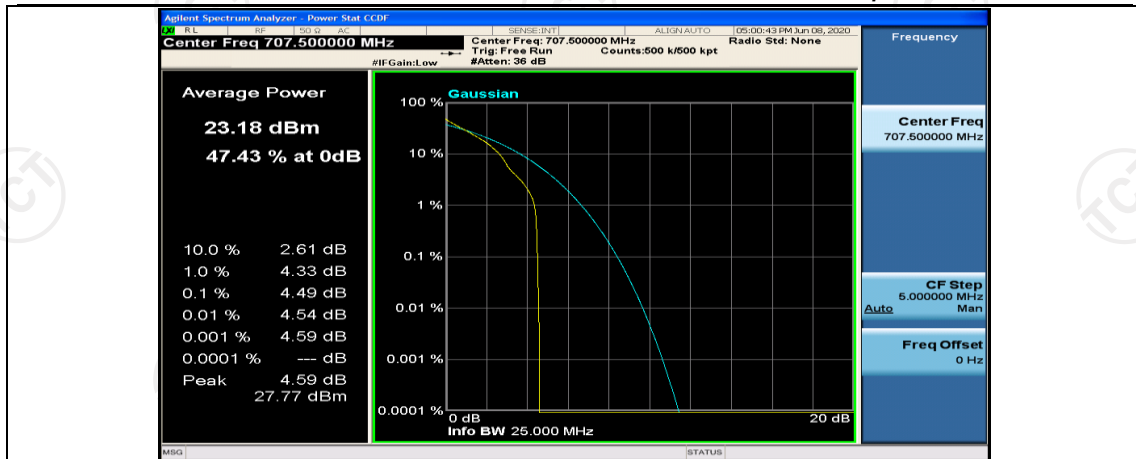
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



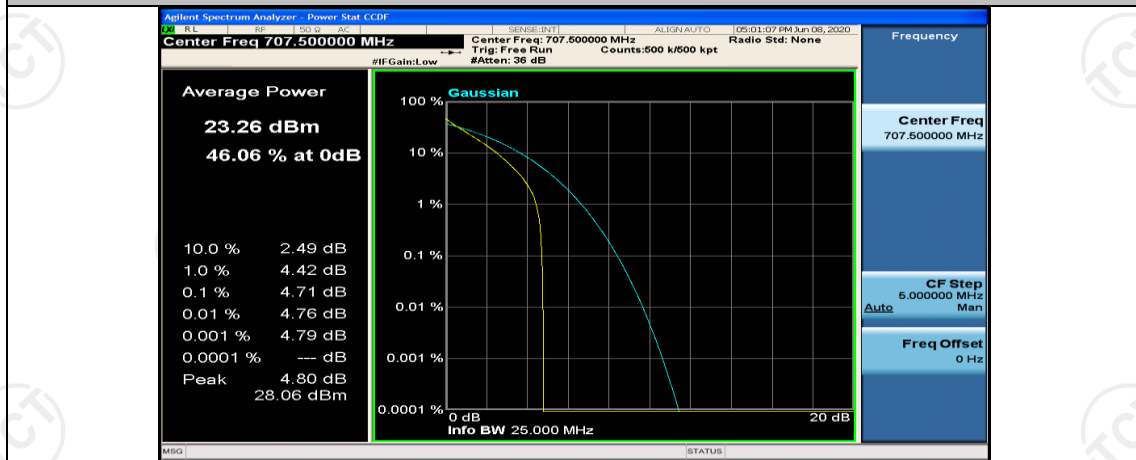
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



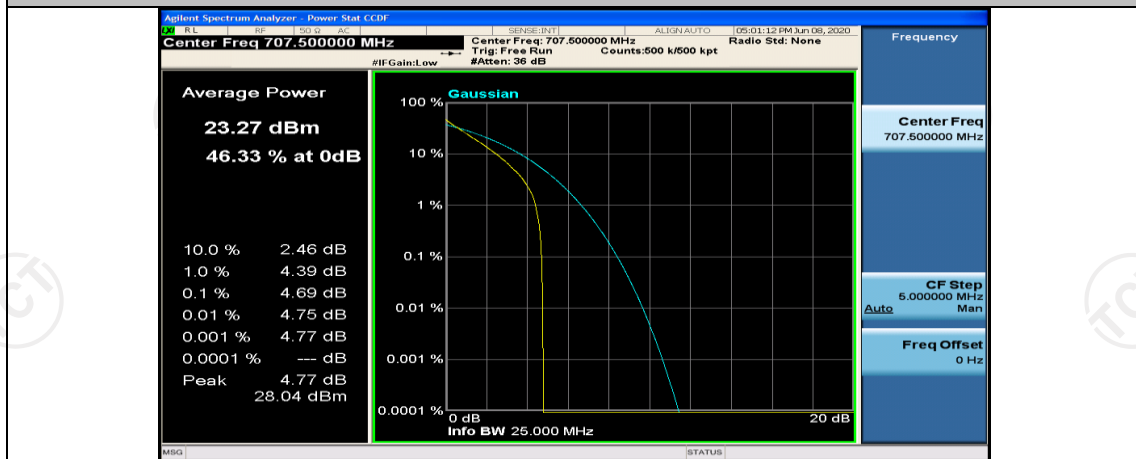
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



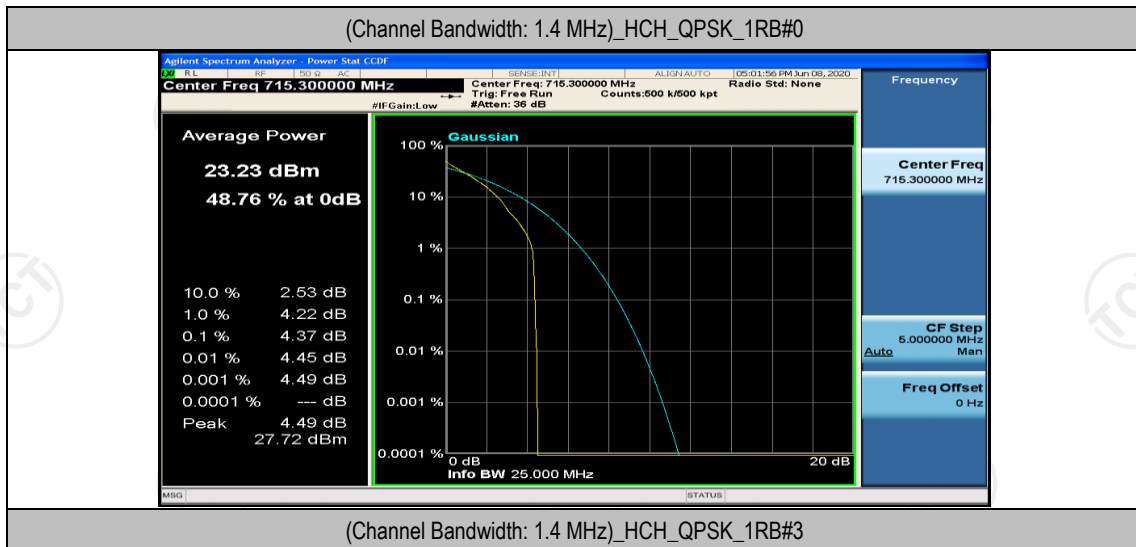
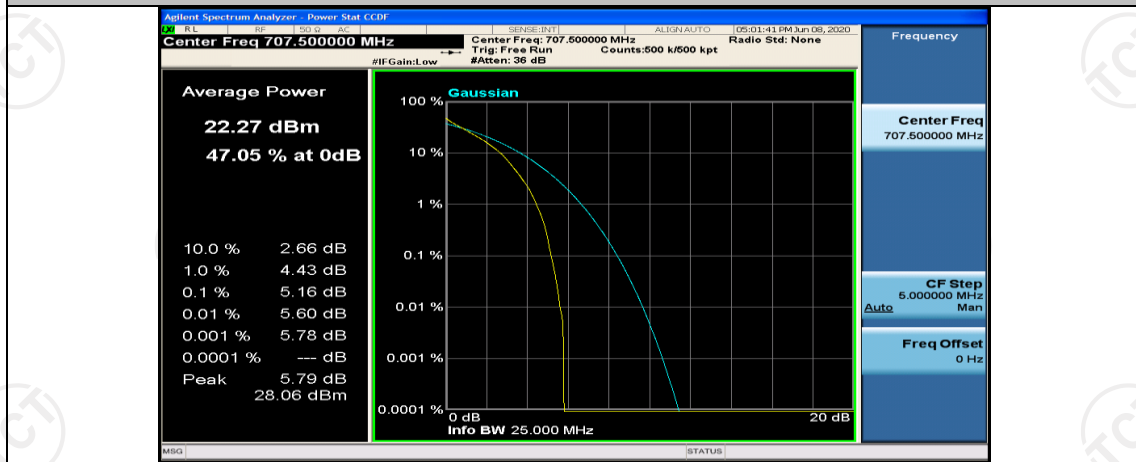
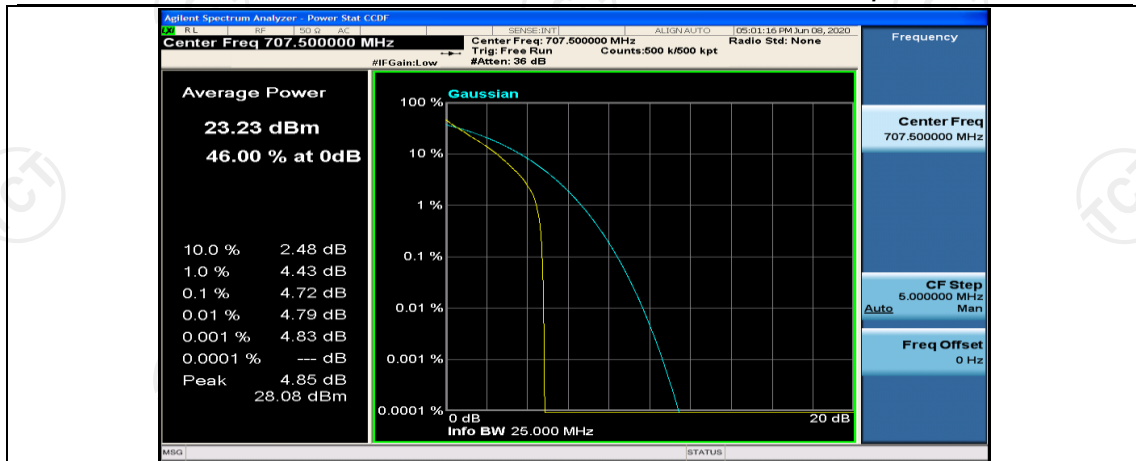
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0

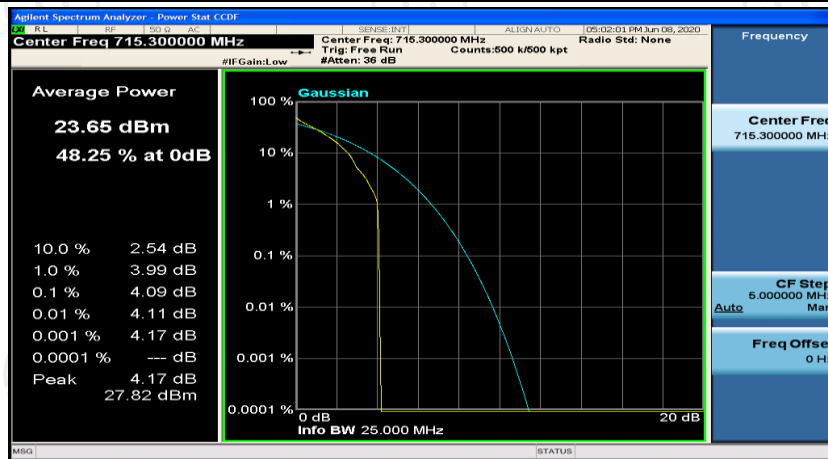


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2

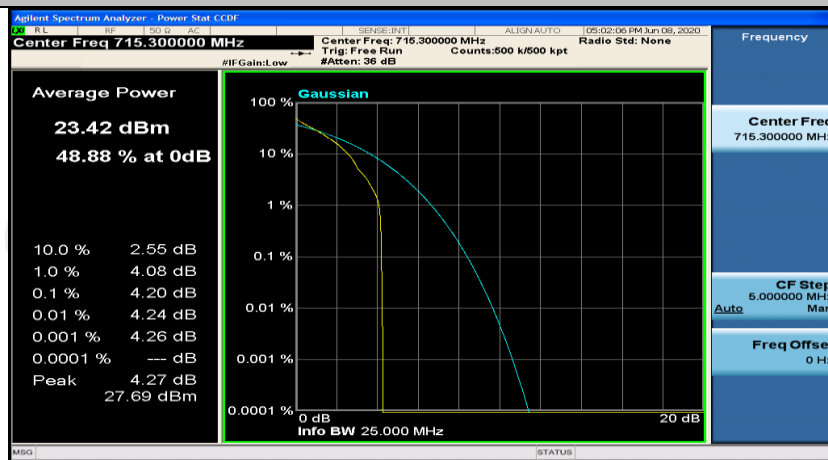


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3

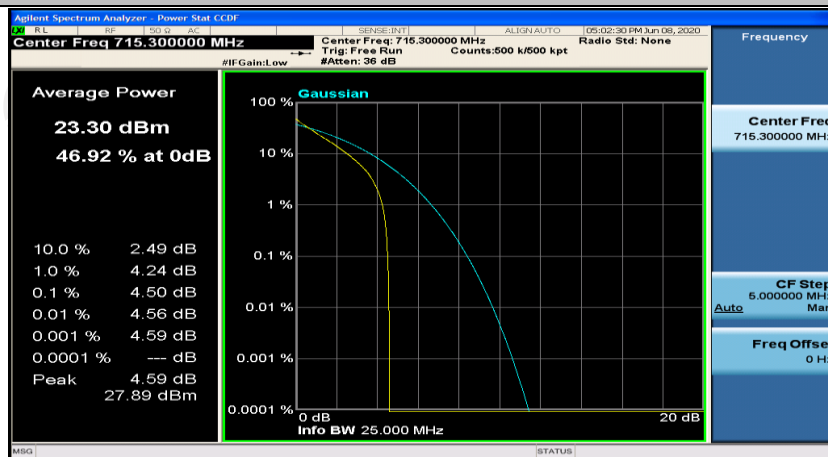




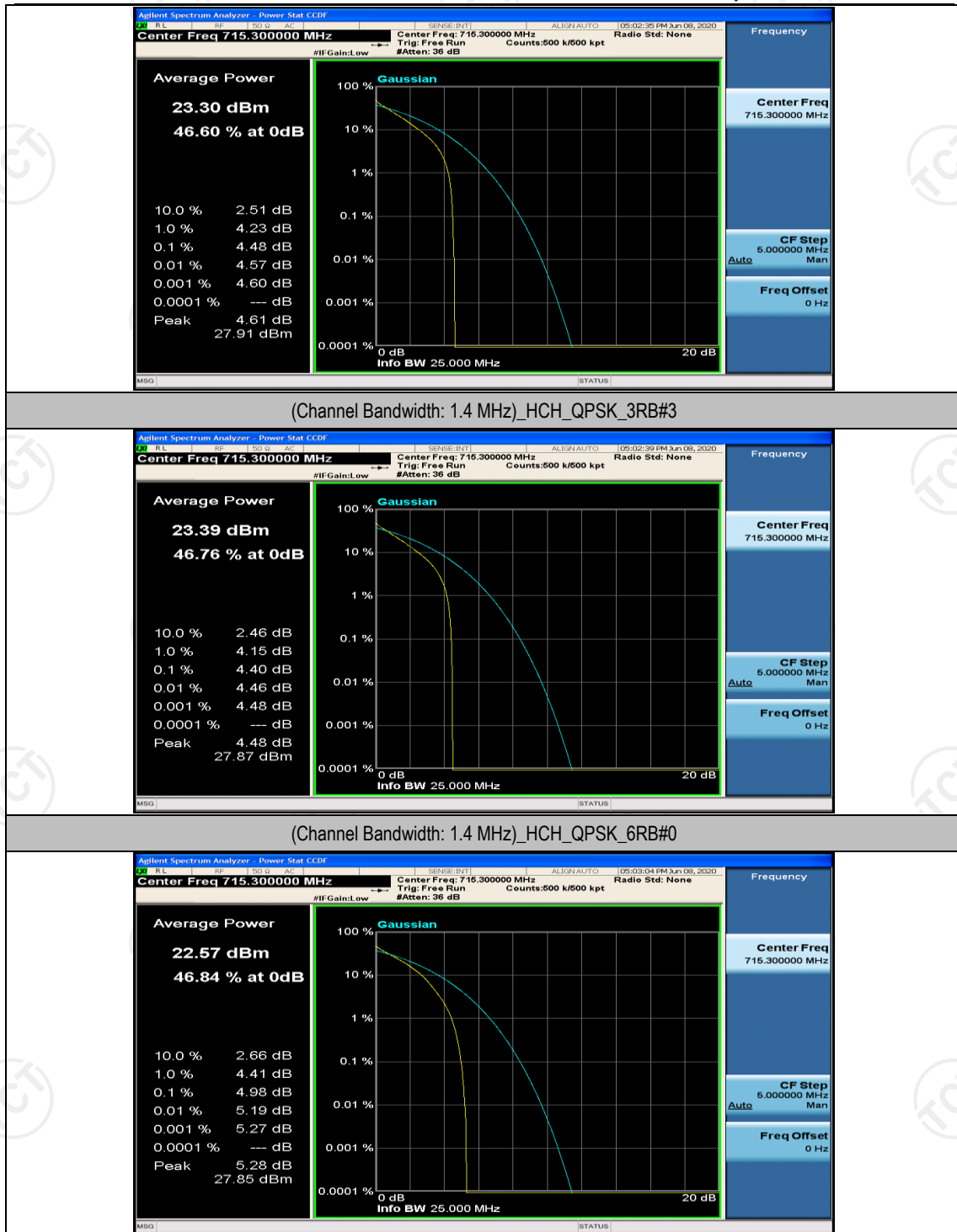
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



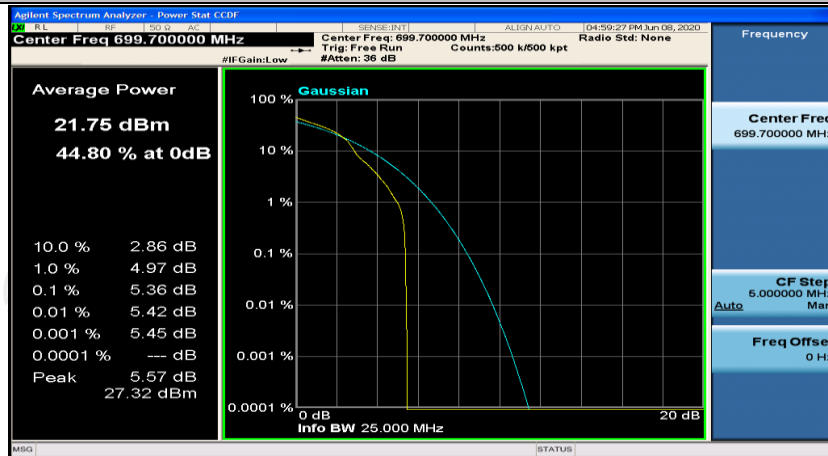
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



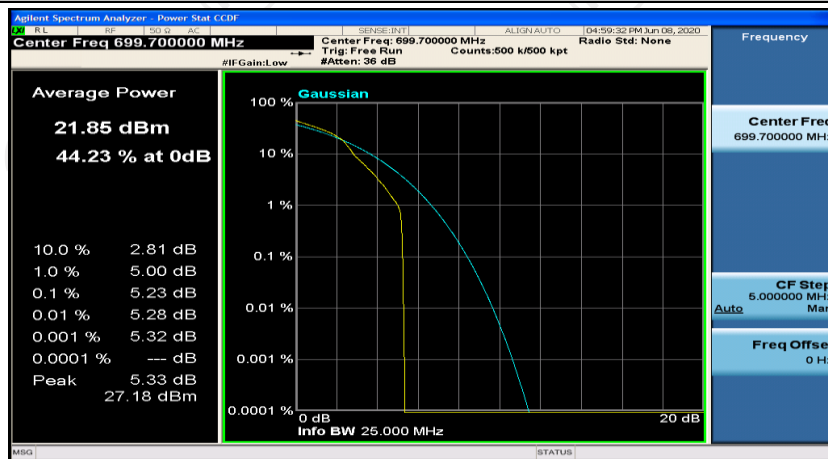
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



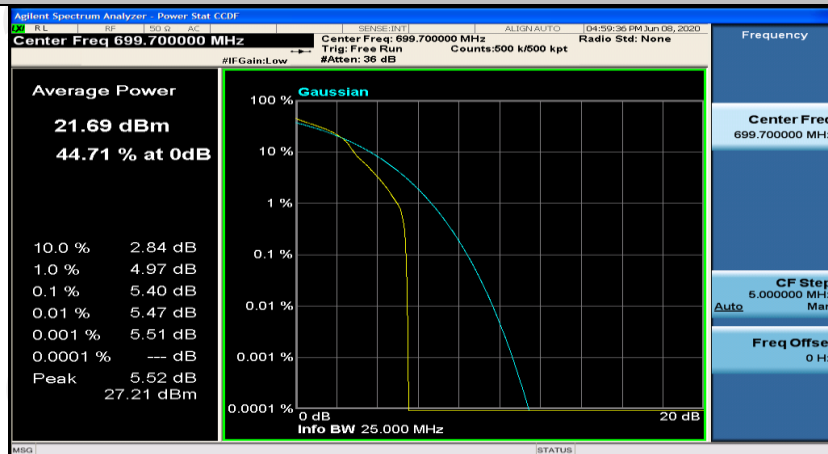
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



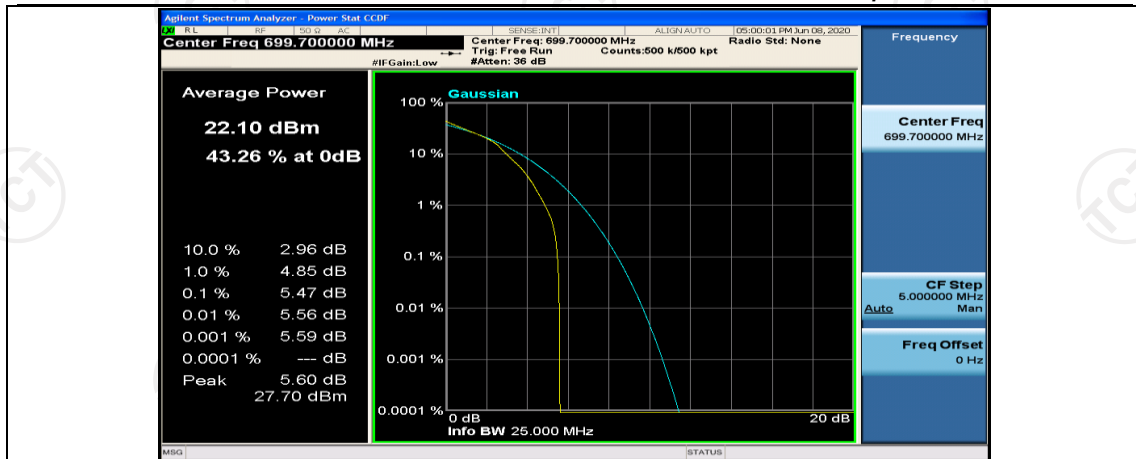
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



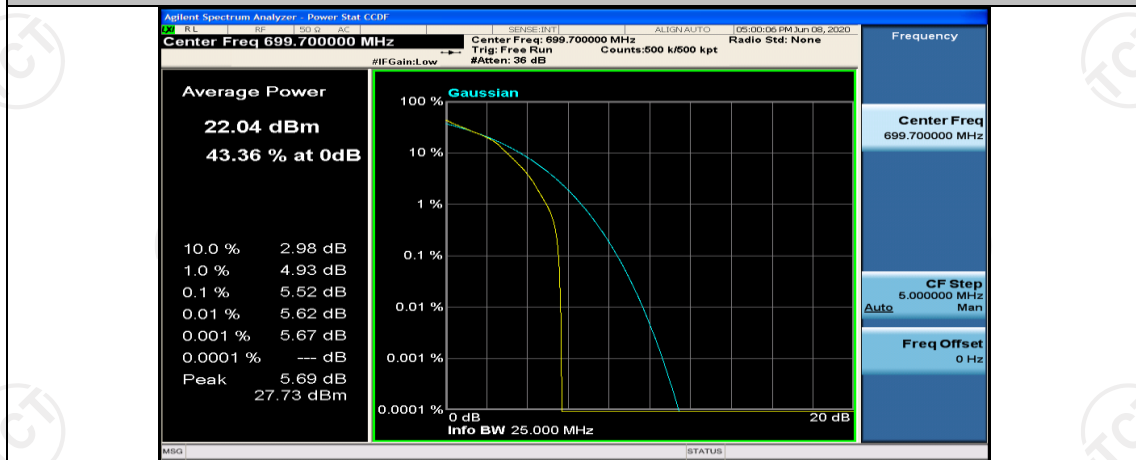
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



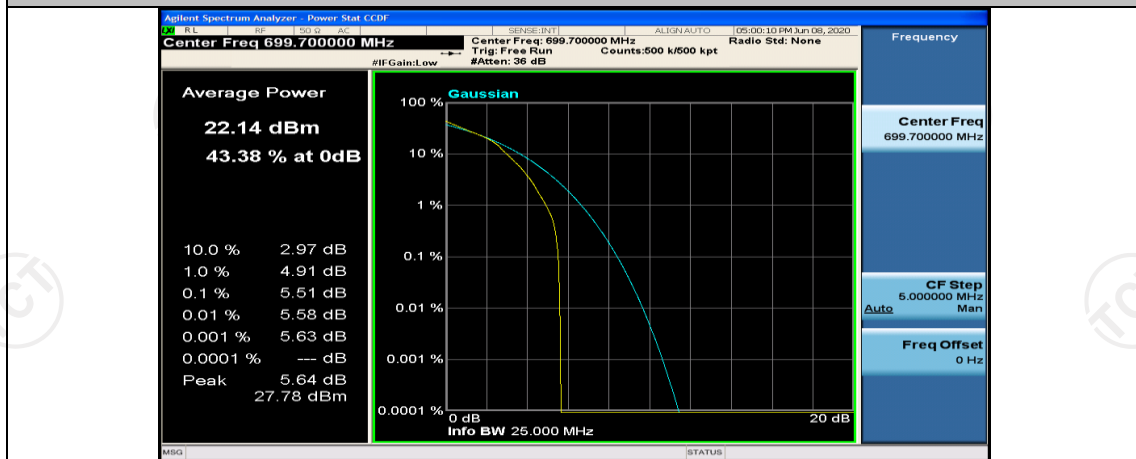
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



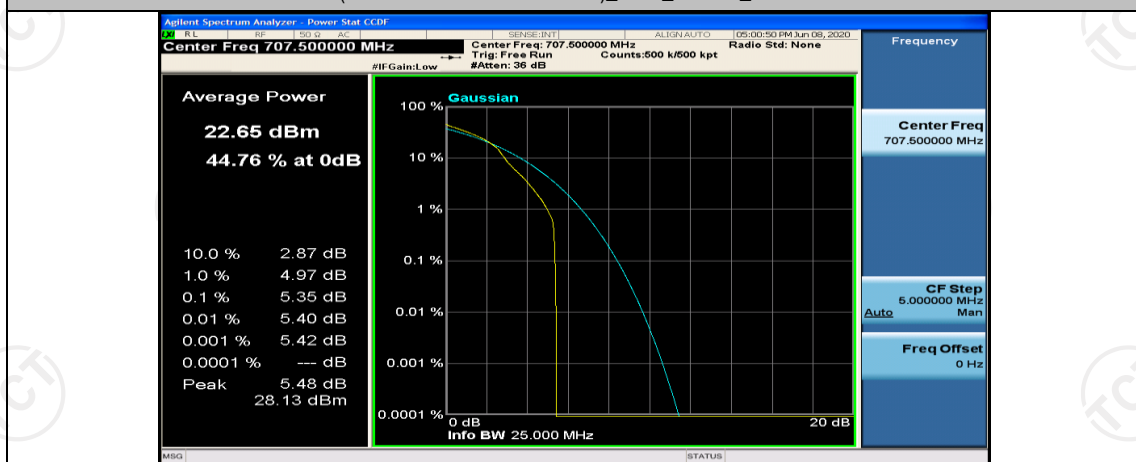
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



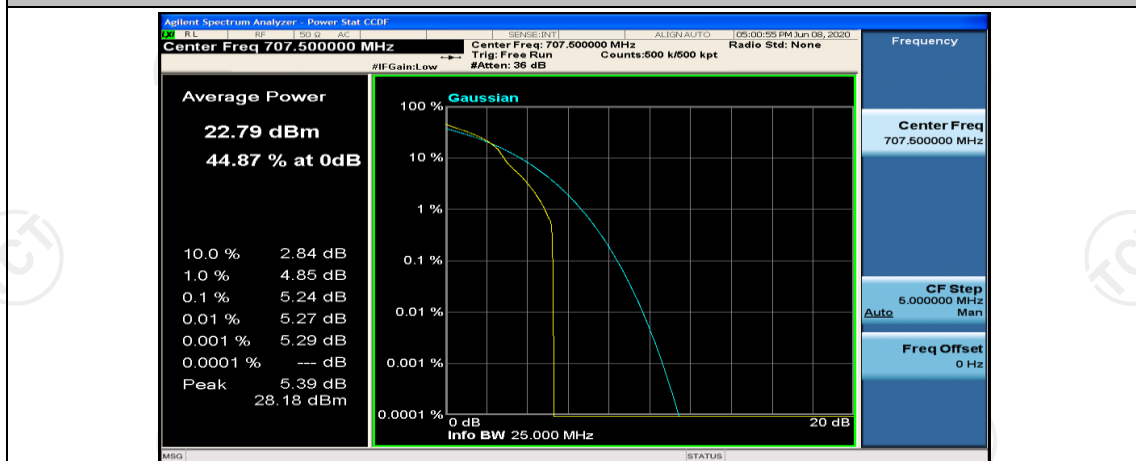
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



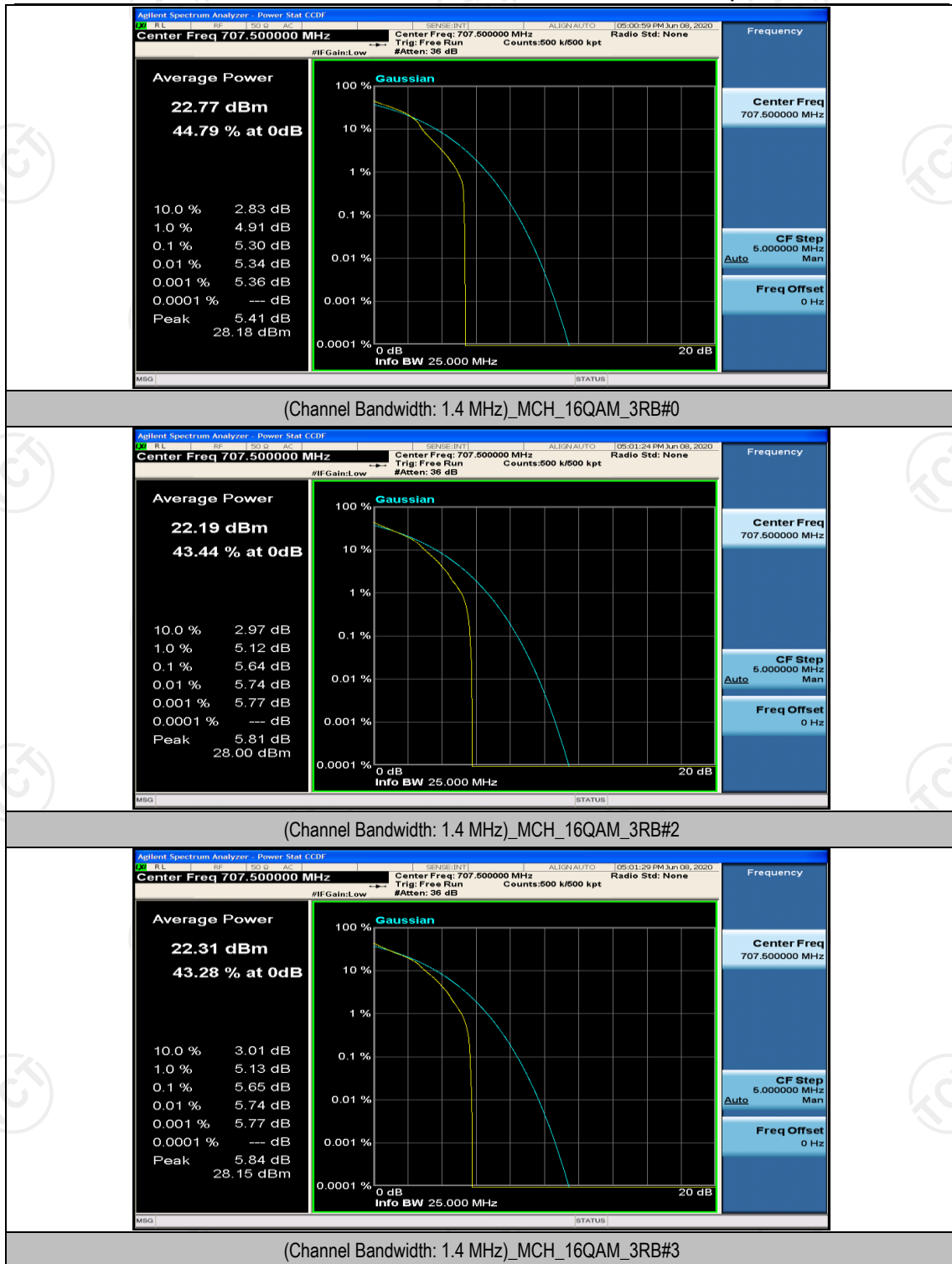
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

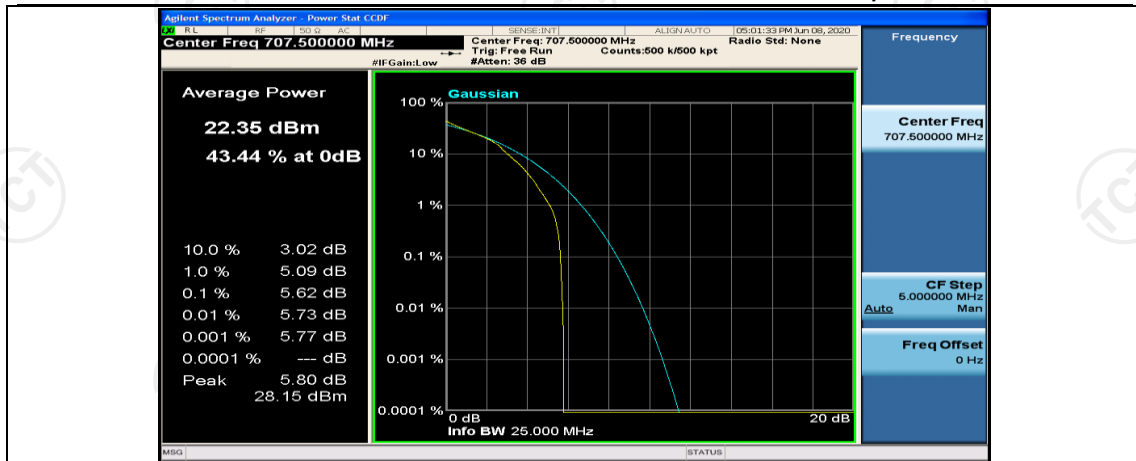


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

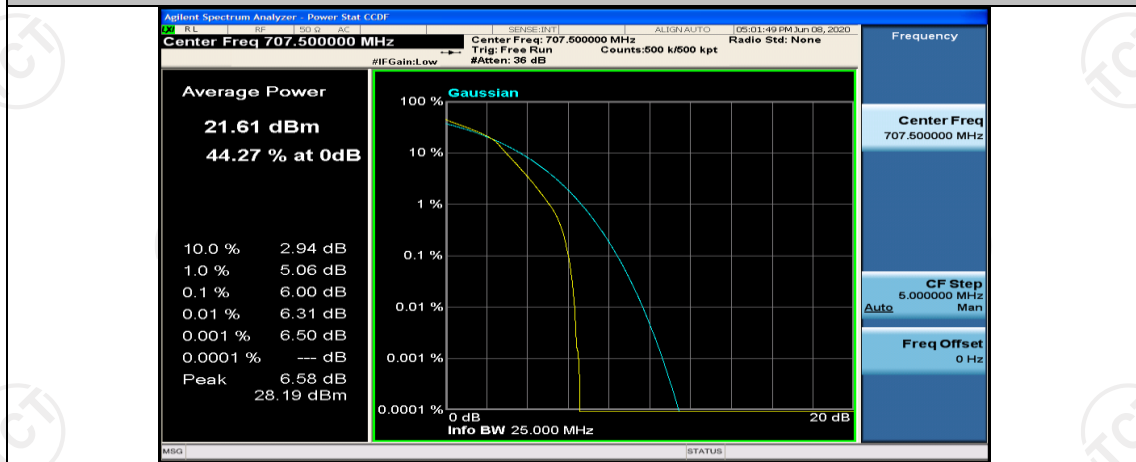


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

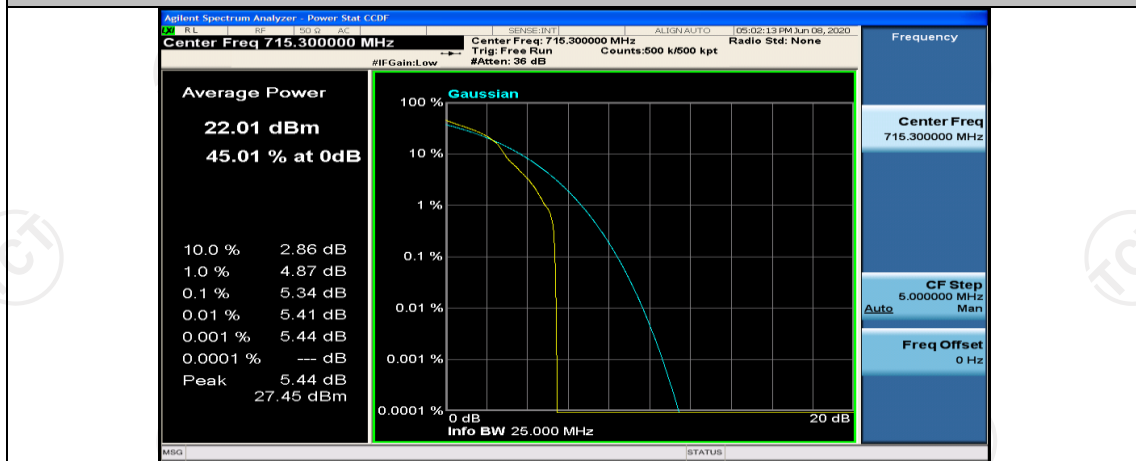




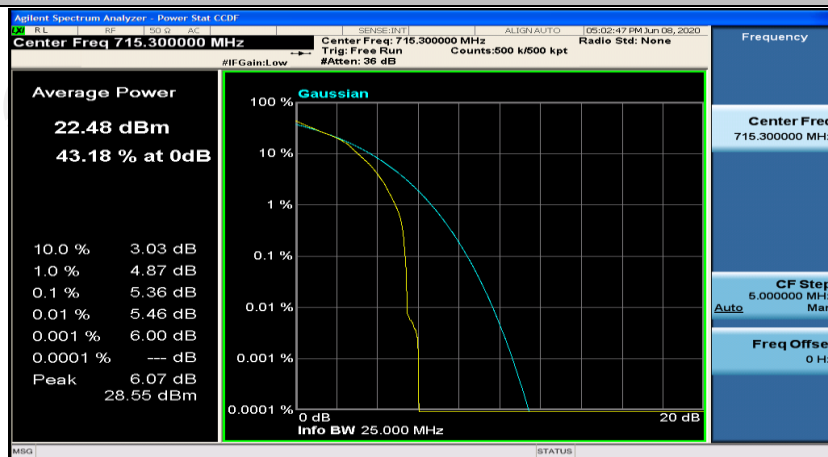
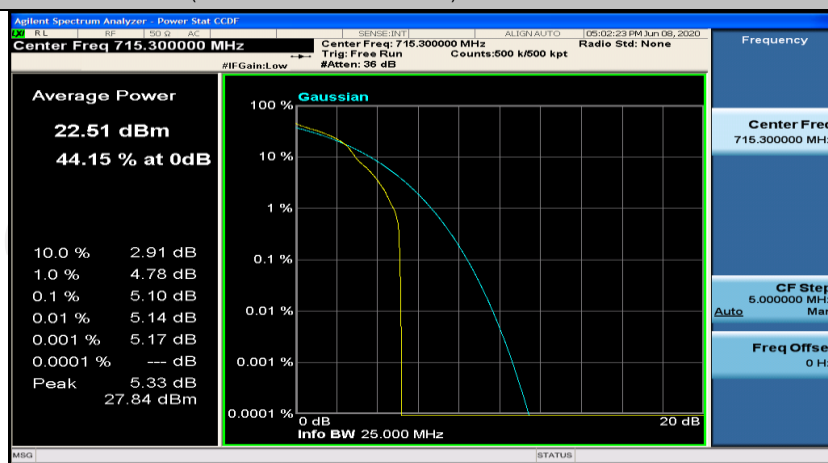
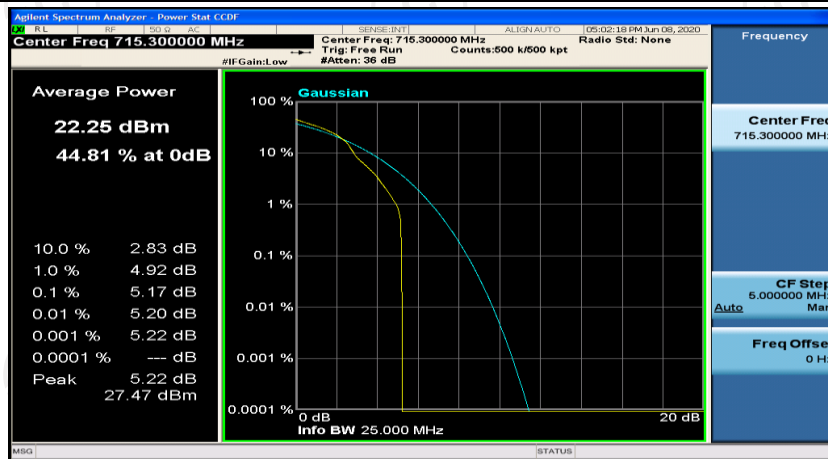
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

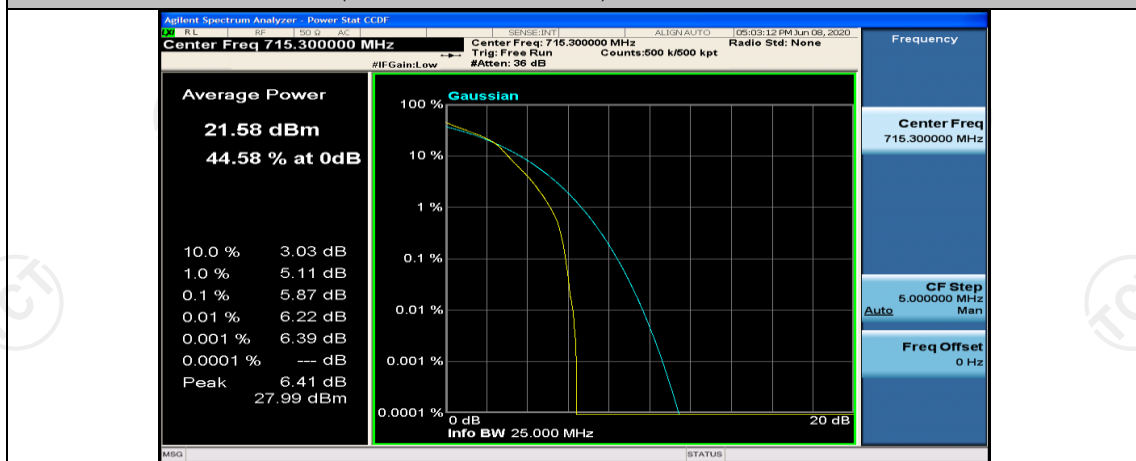
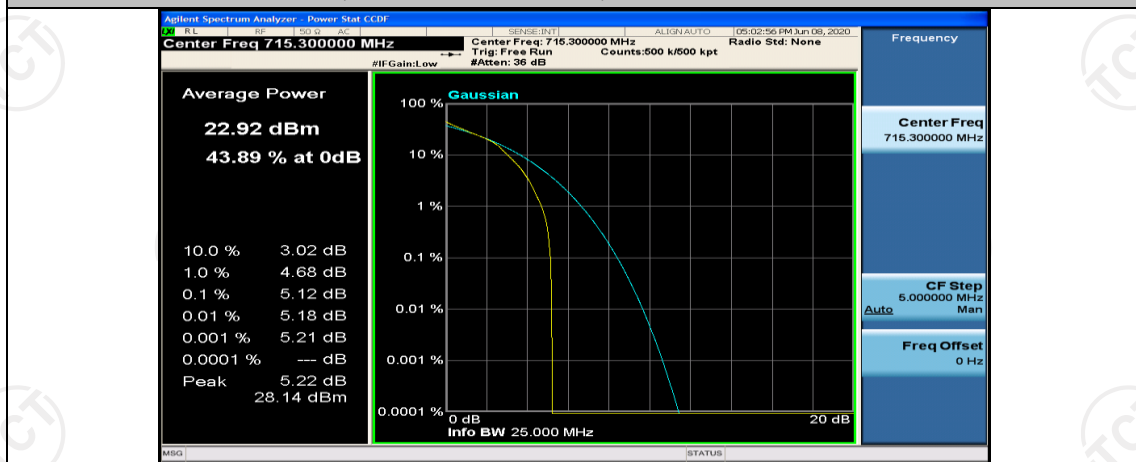
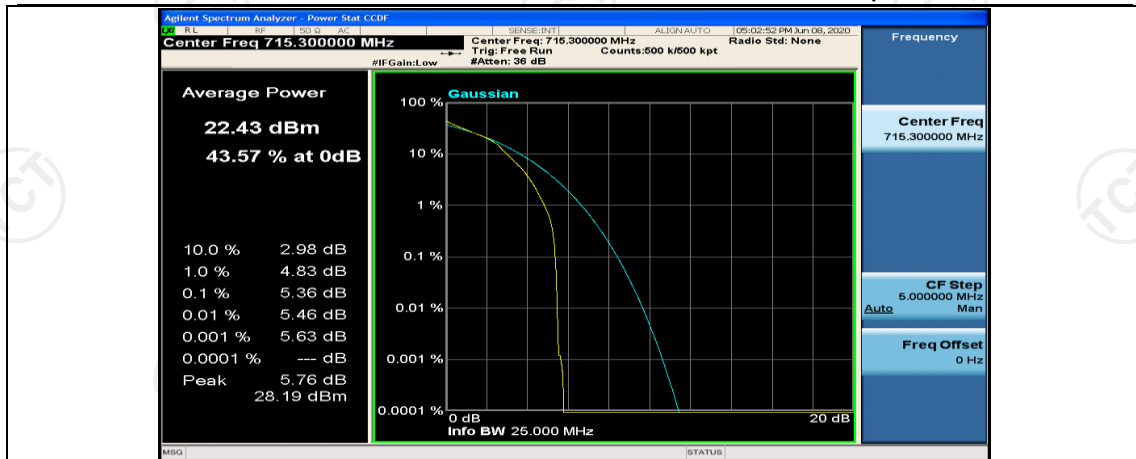


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



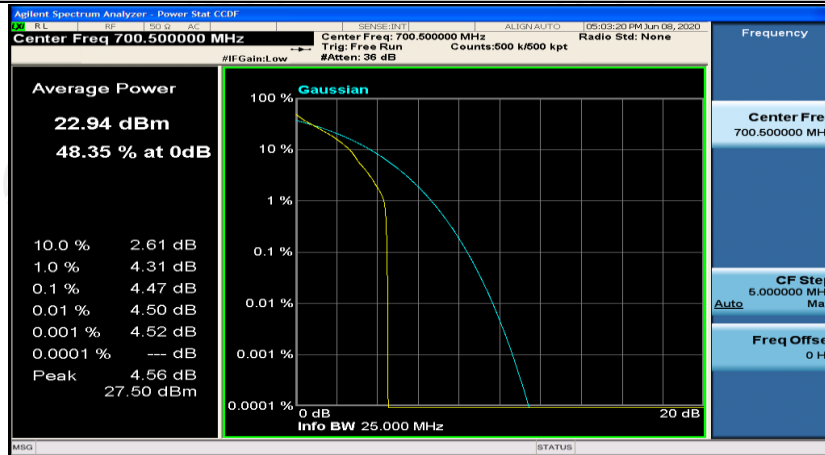
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



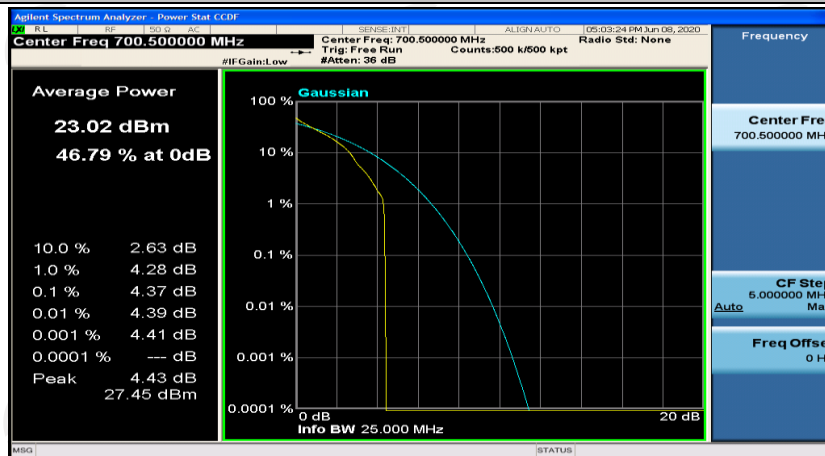


Channel Bandwidth: 3 MHz

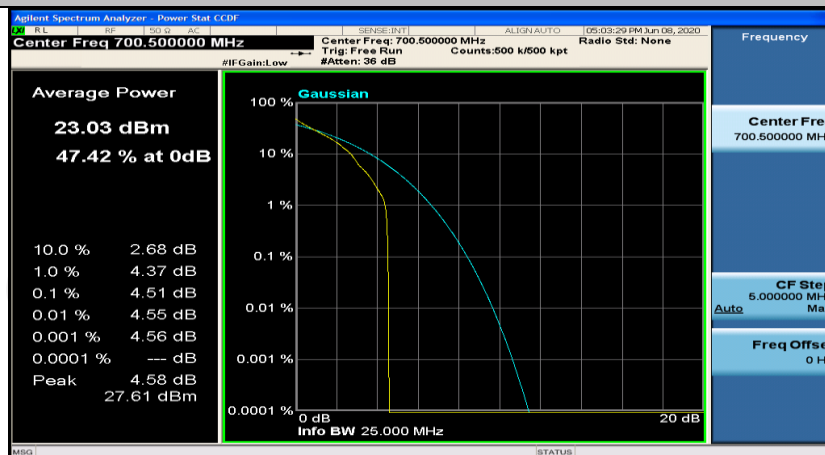
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



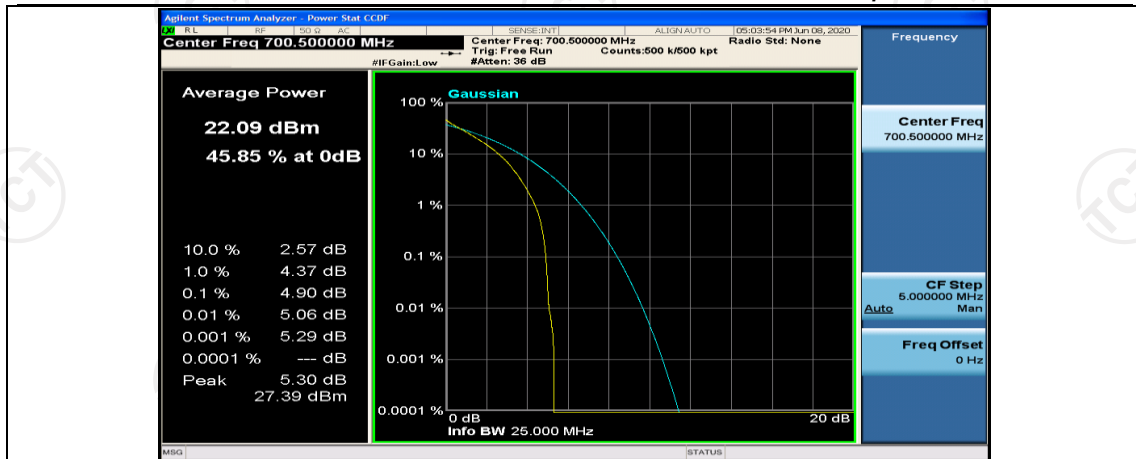
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



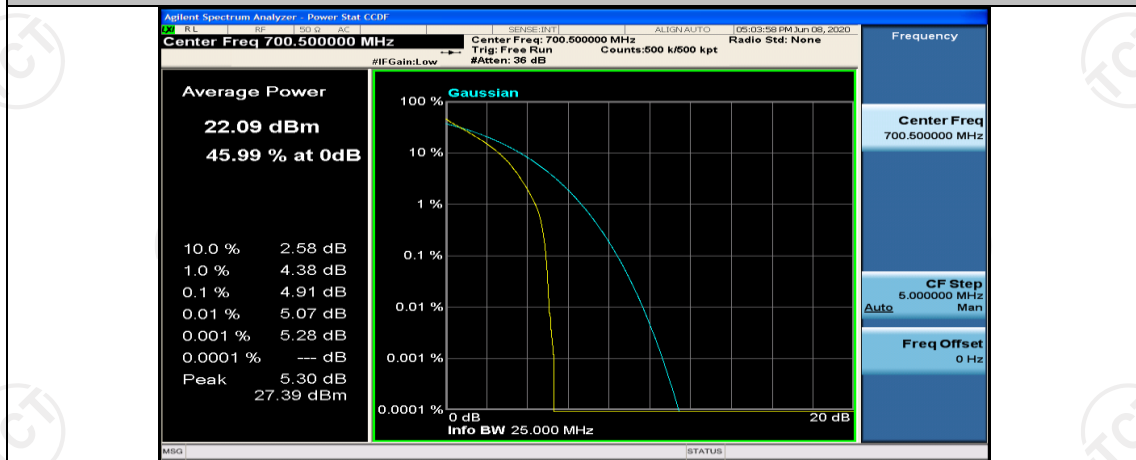
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



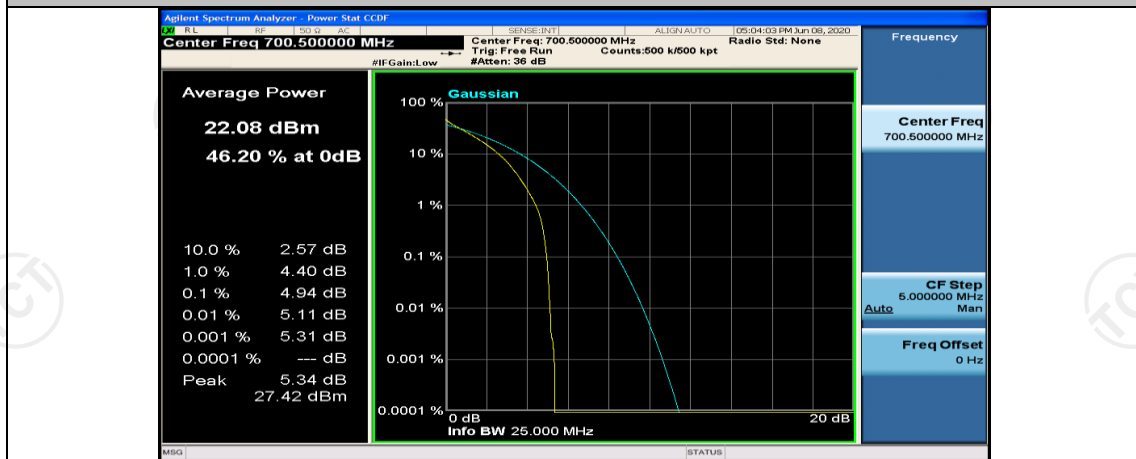
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



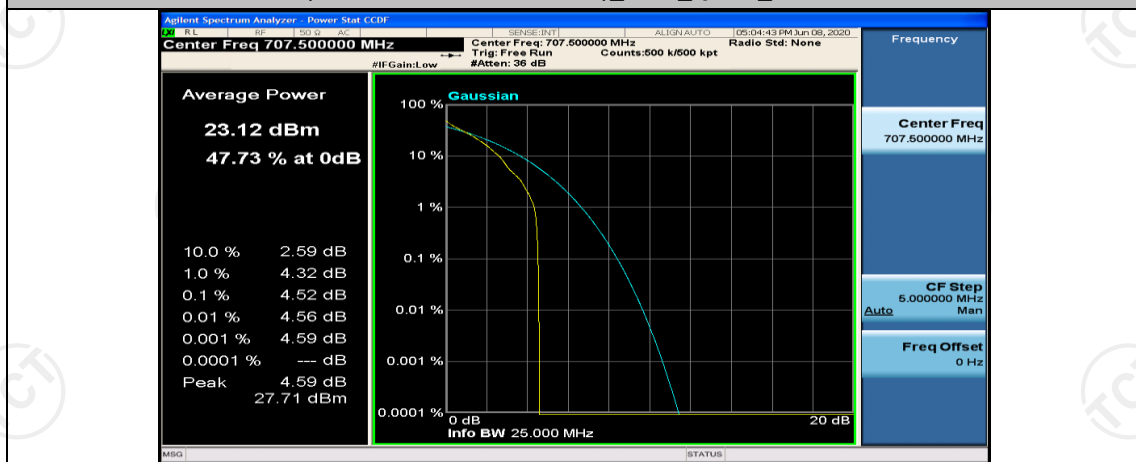
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



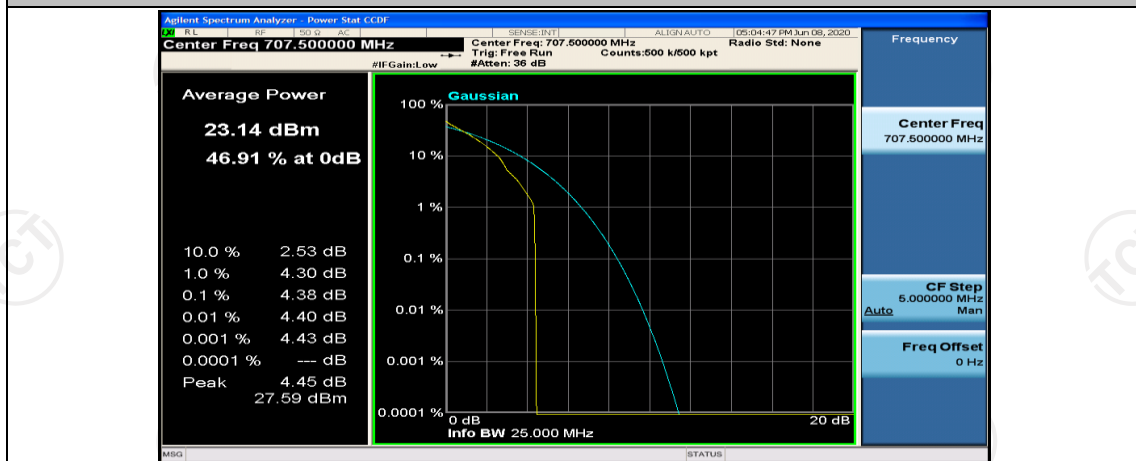
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



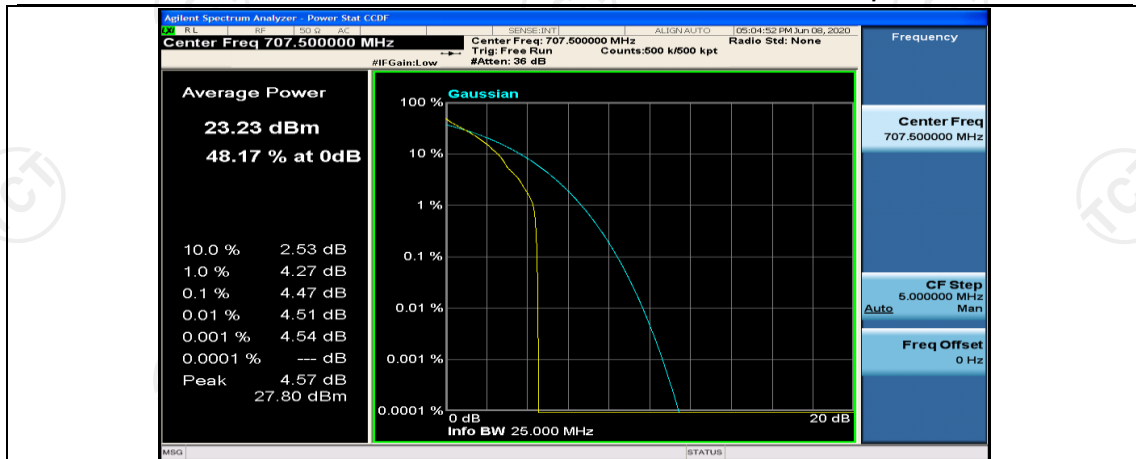
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



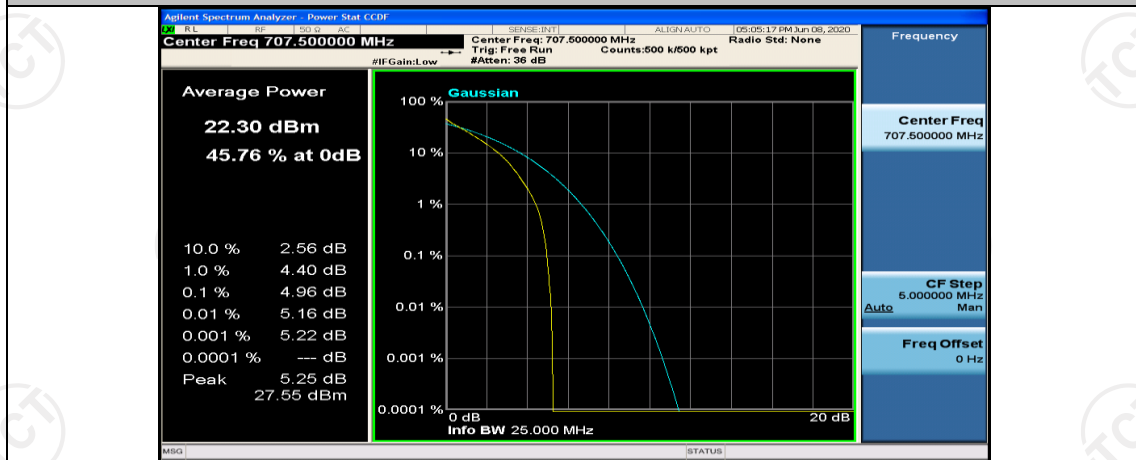
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



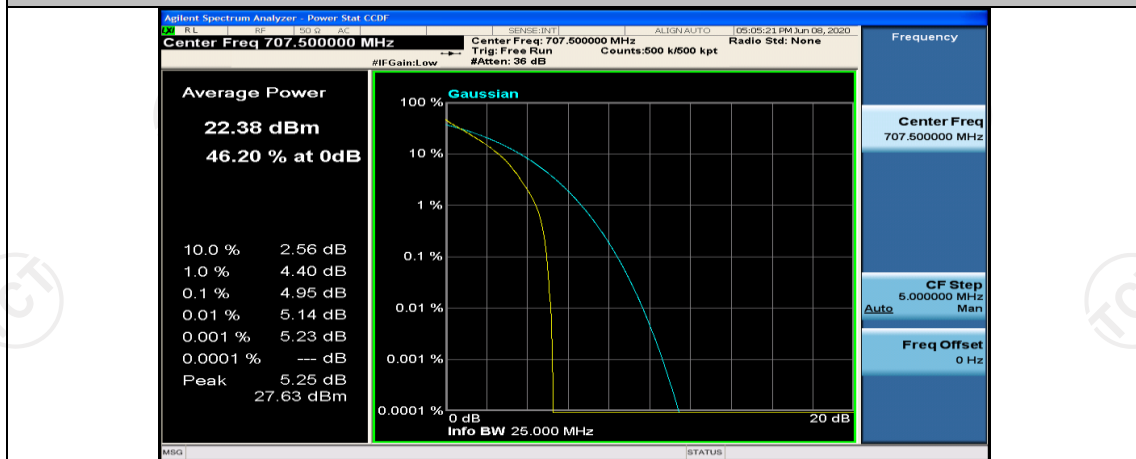
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



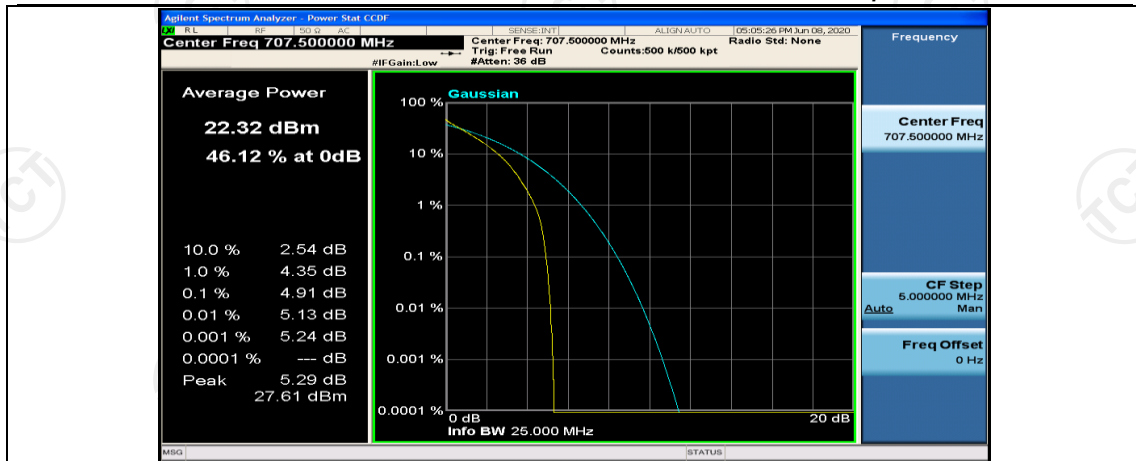
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



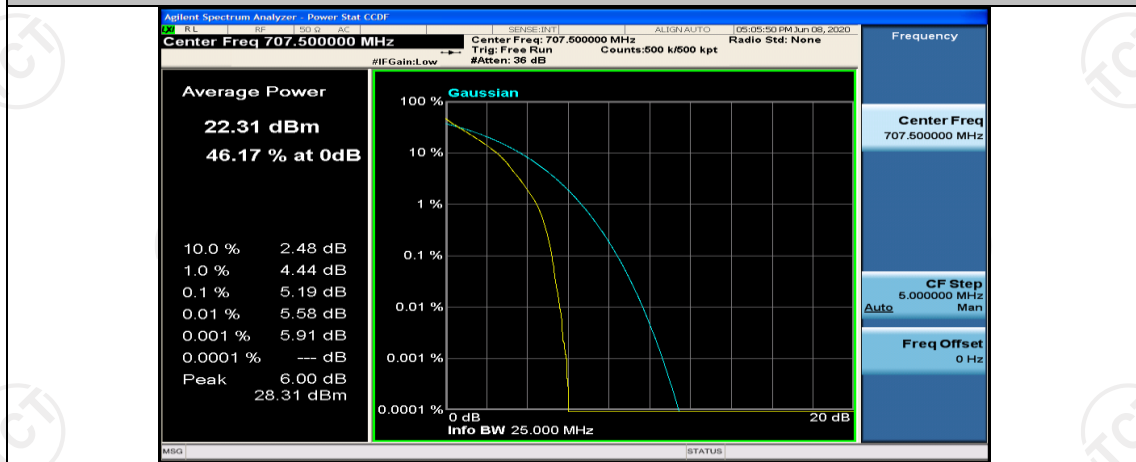
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



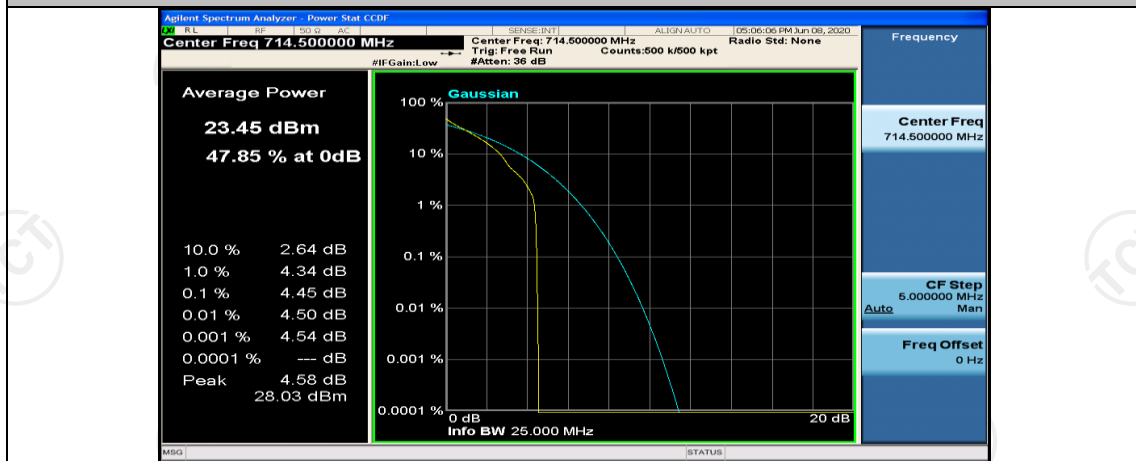
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



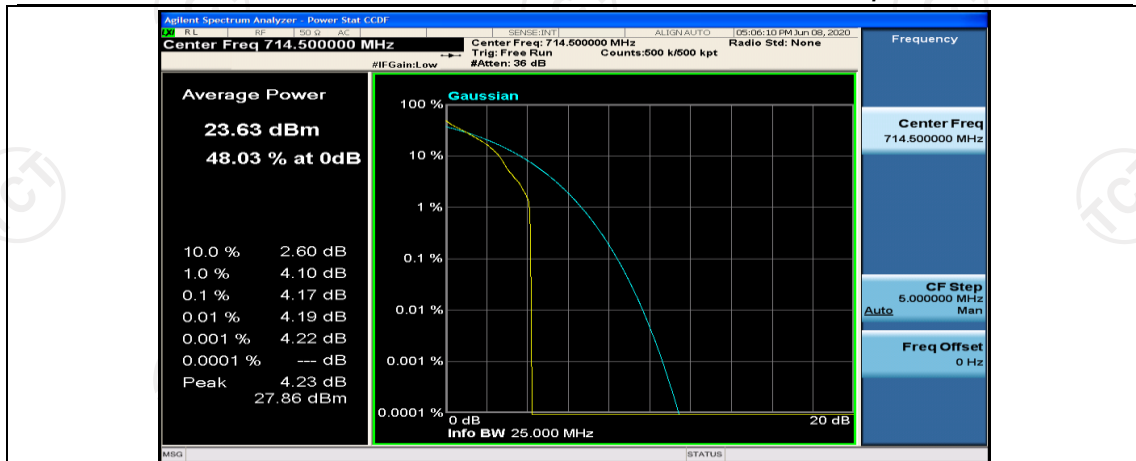
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



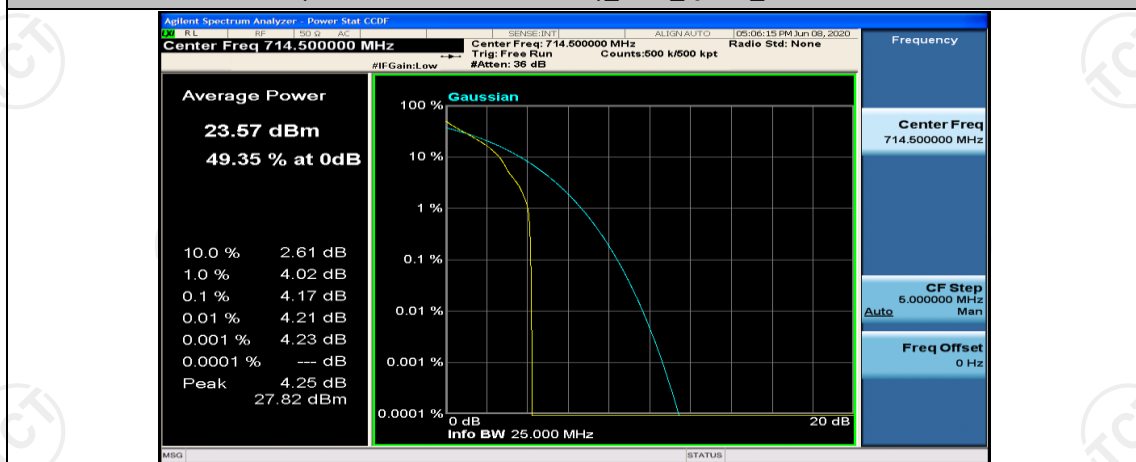
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



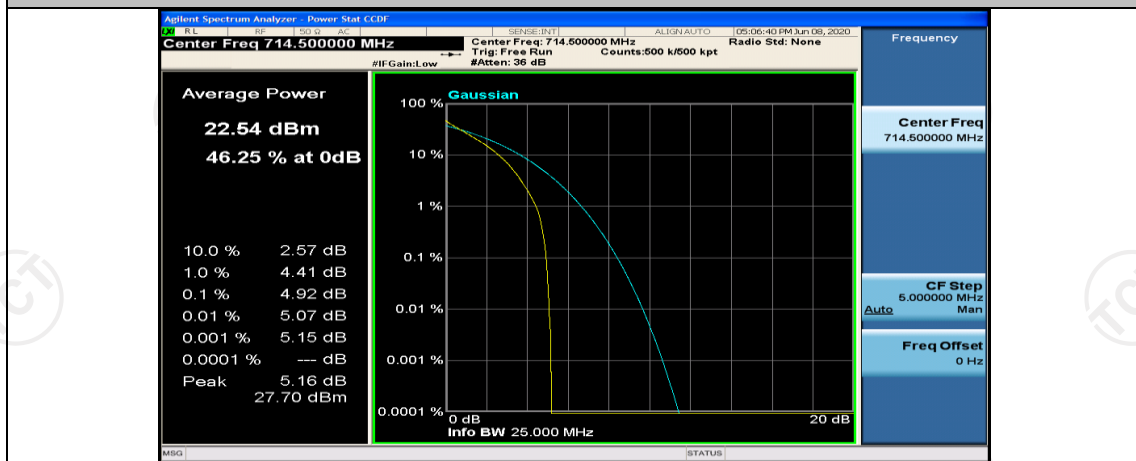
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



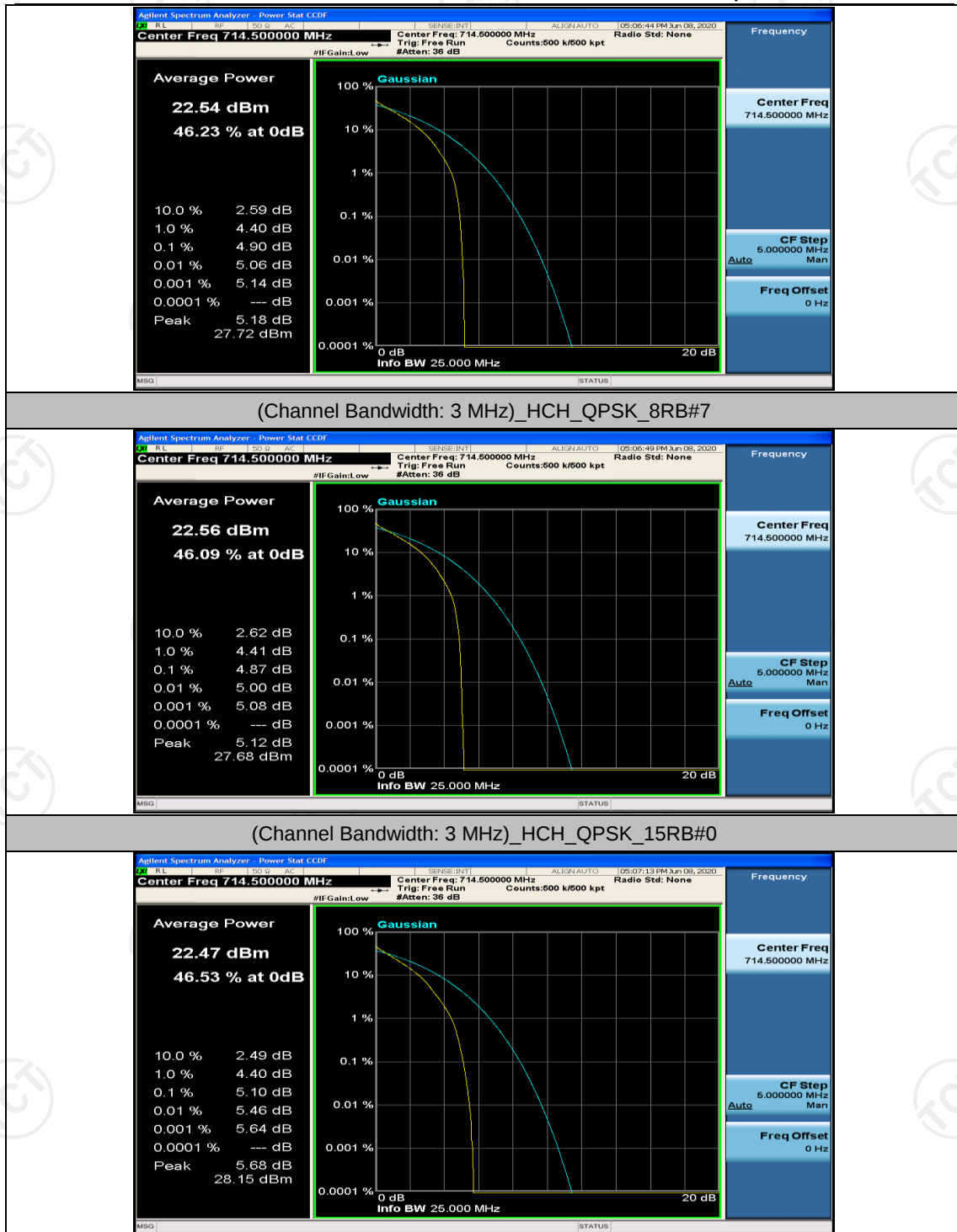
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



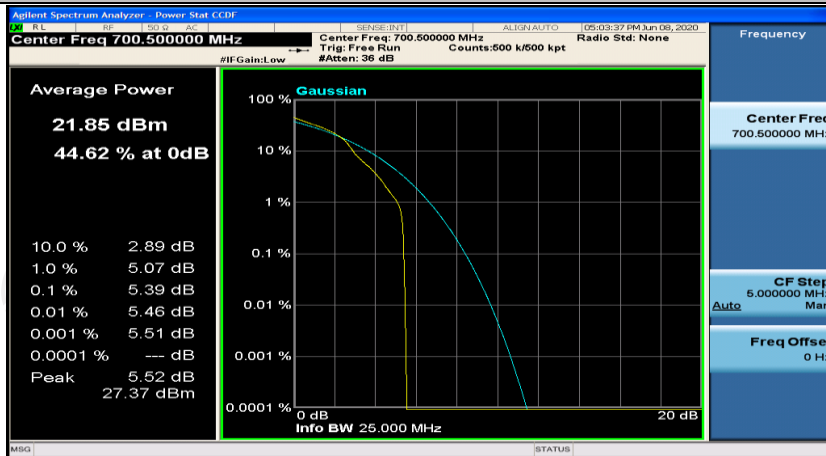
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



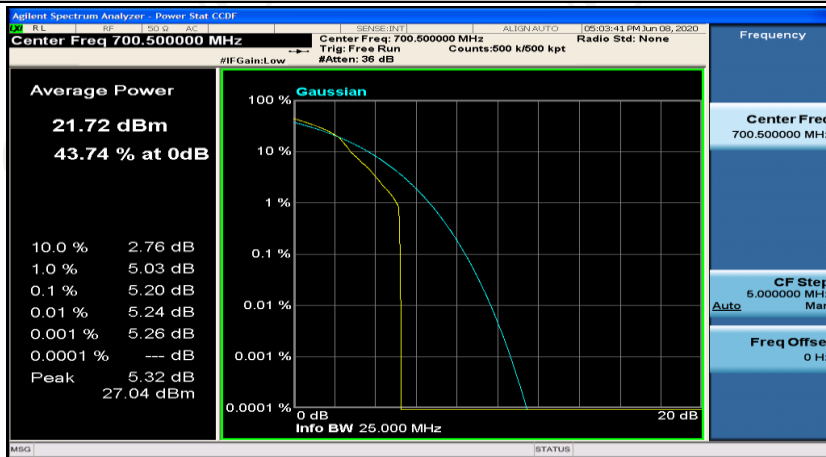
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



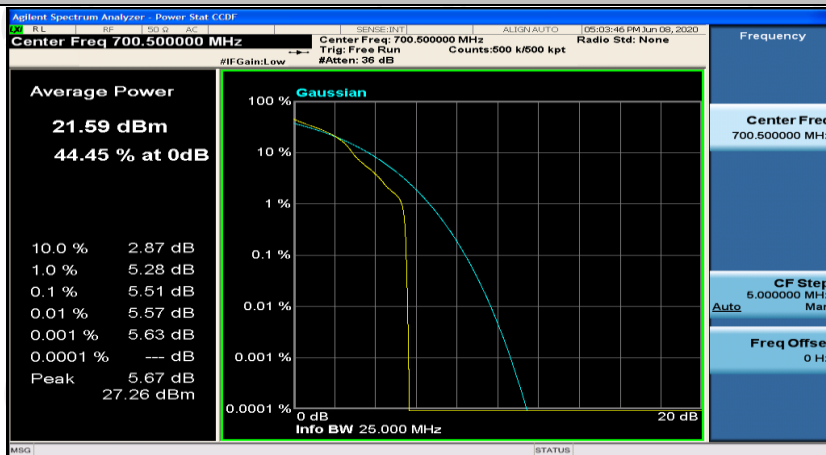
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



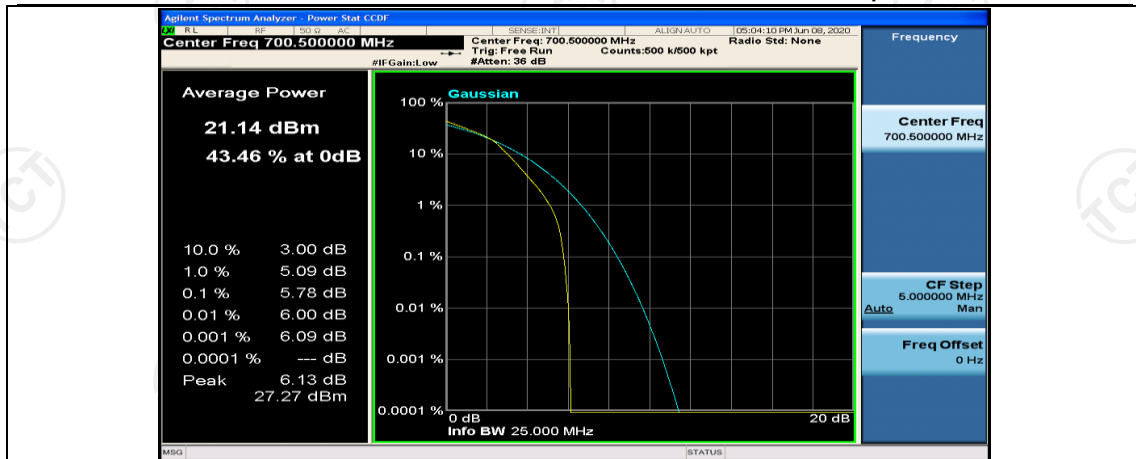
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



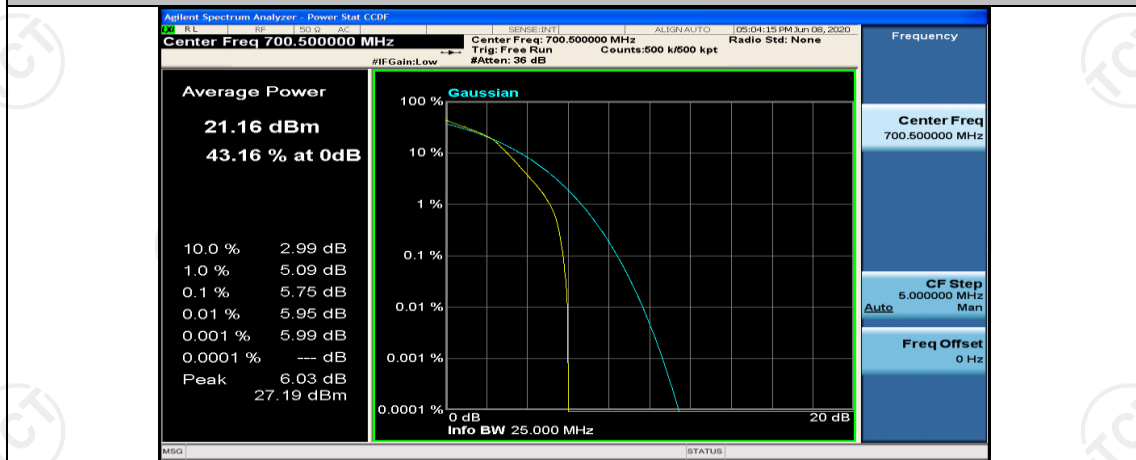
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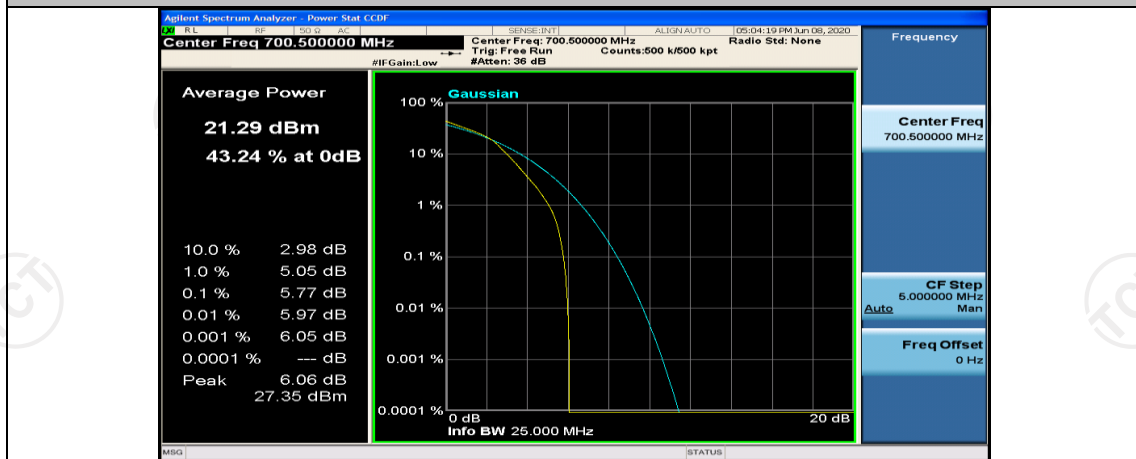
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(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



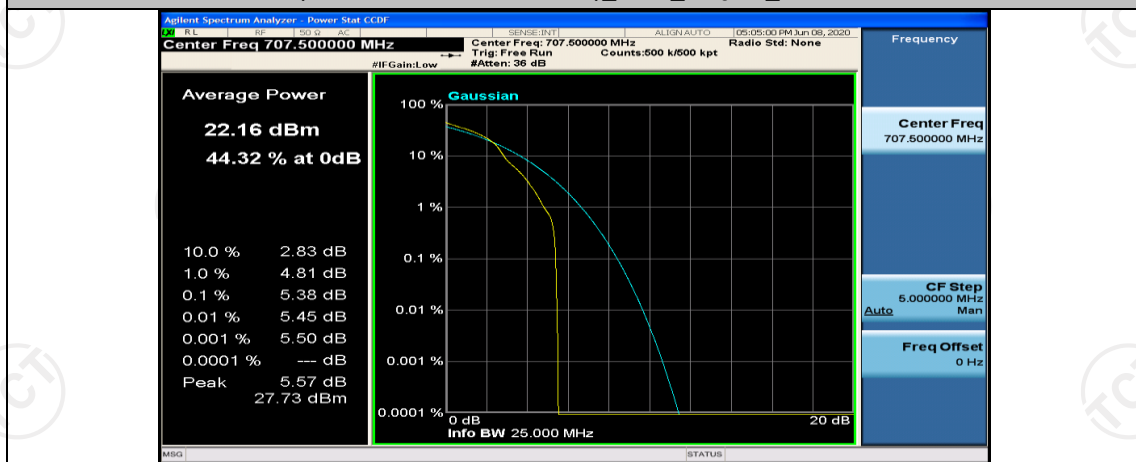
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



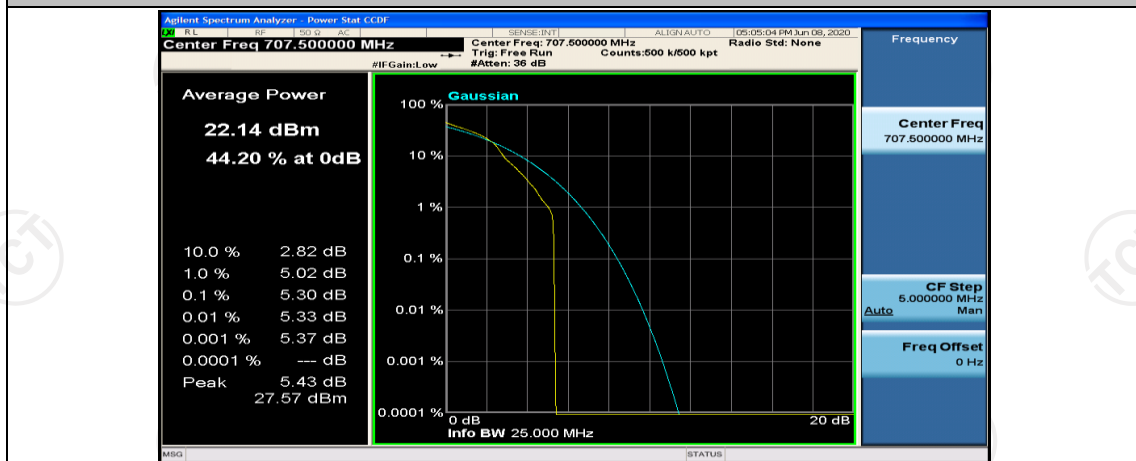
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



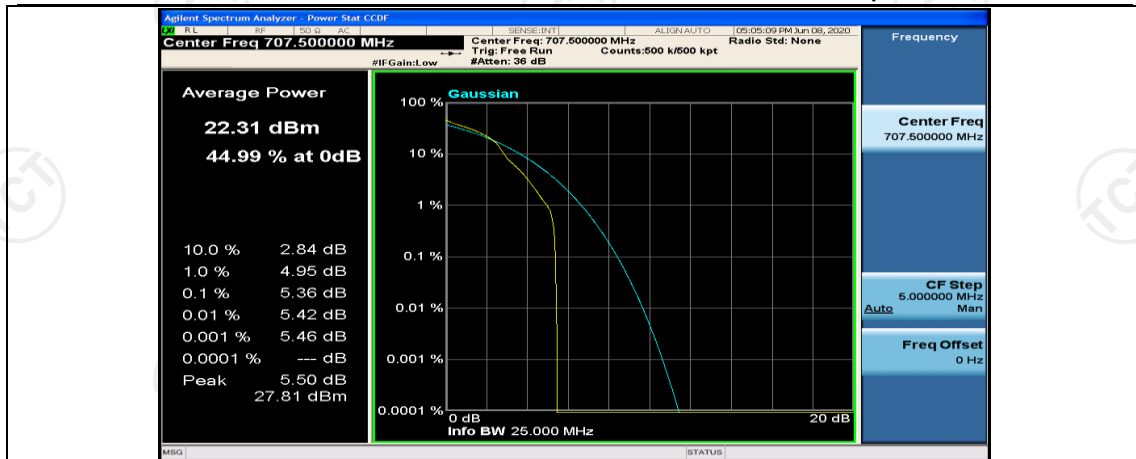
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



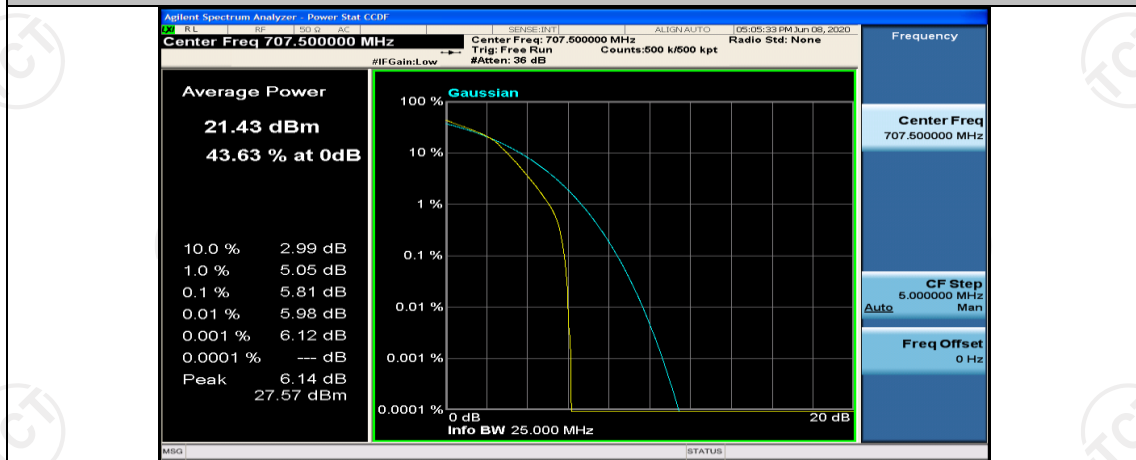
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



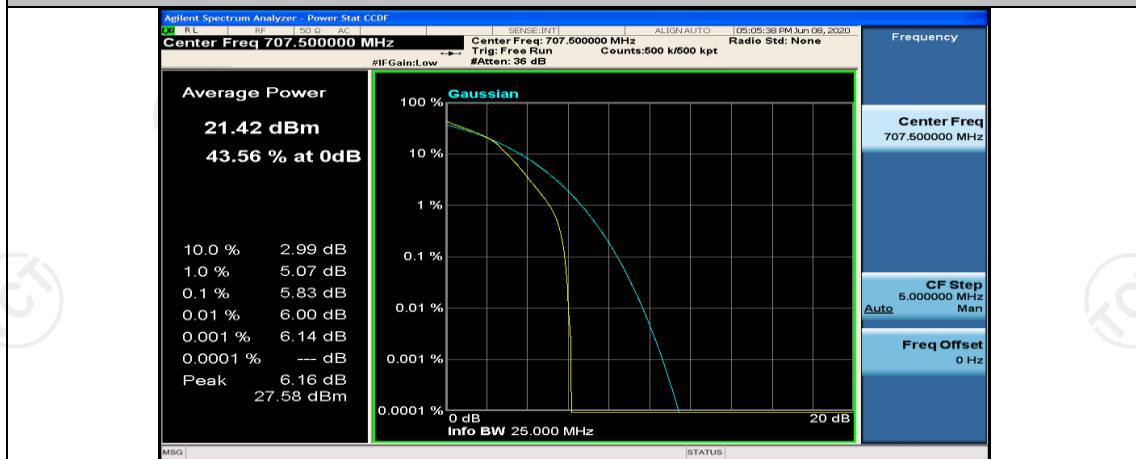
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



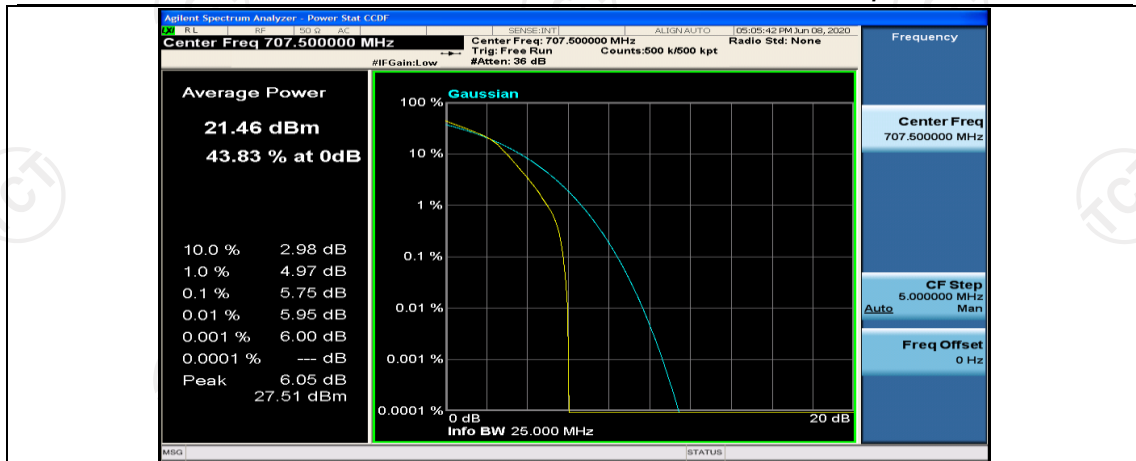
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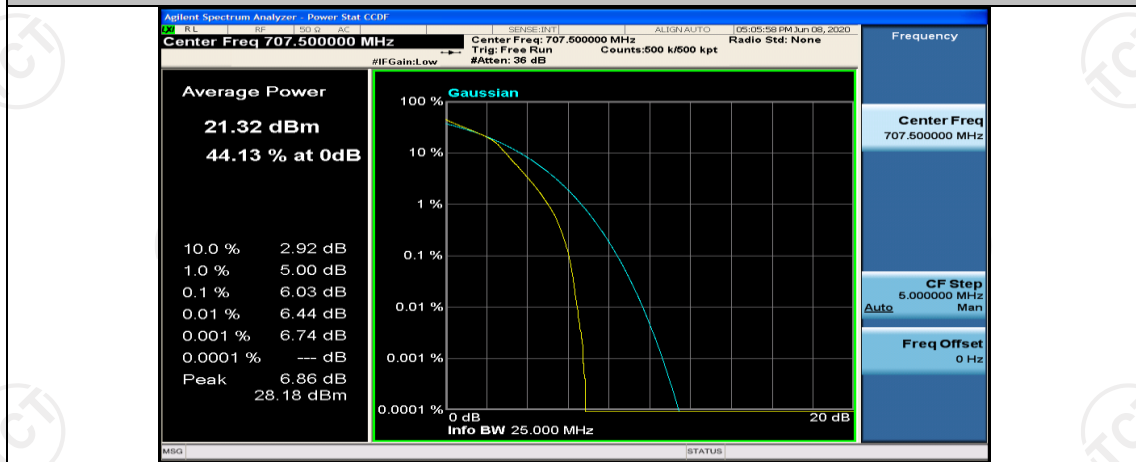
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



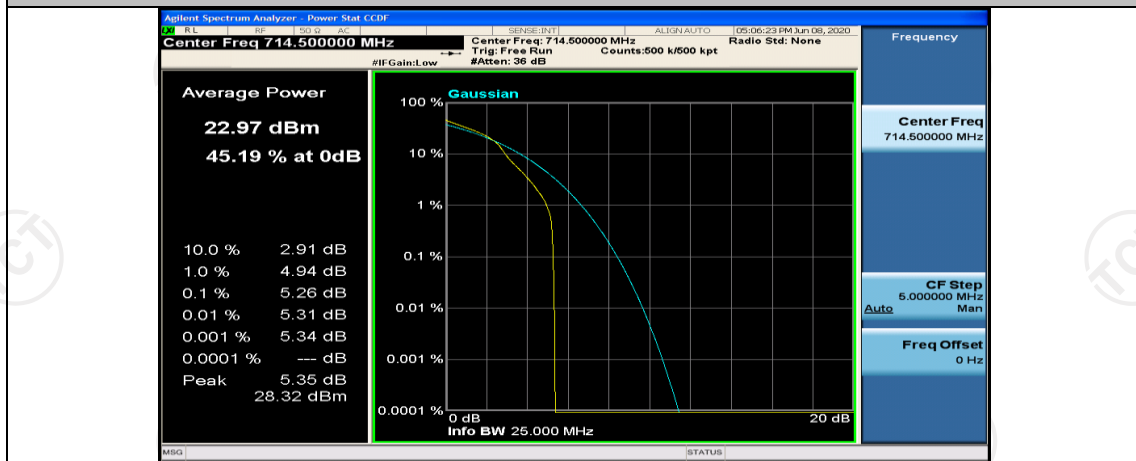
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



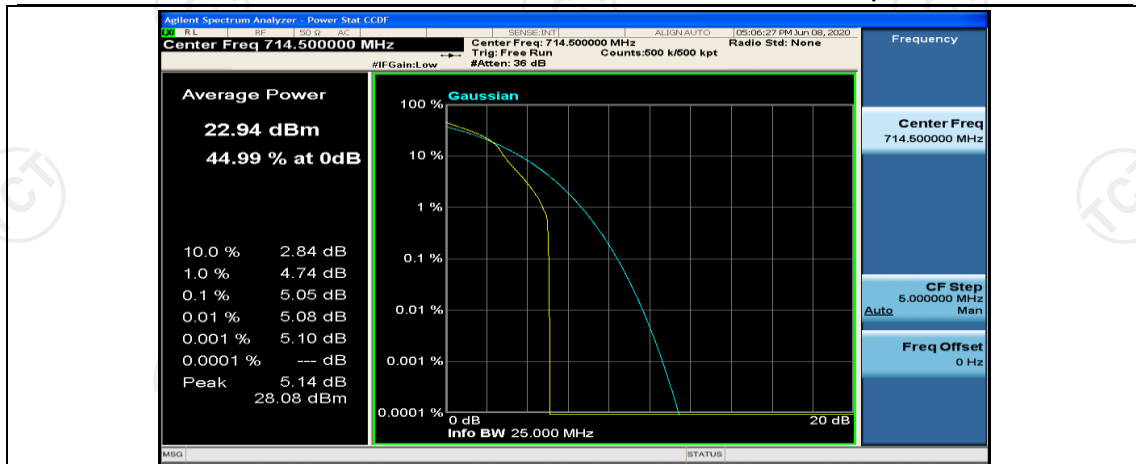
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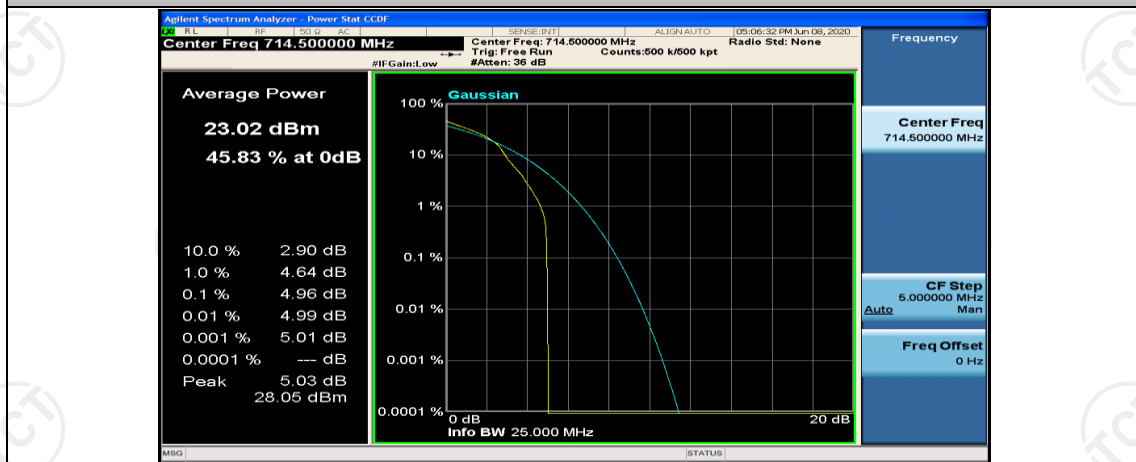
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



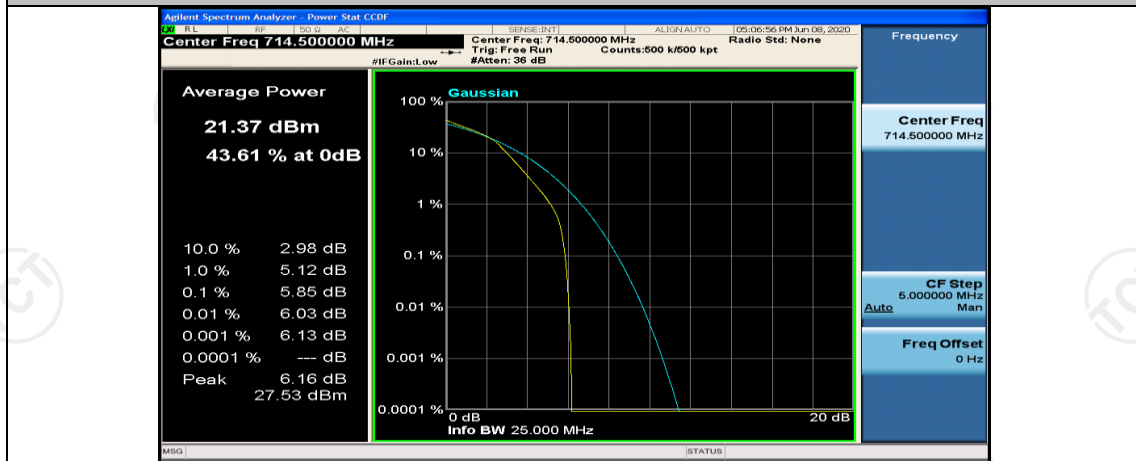
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



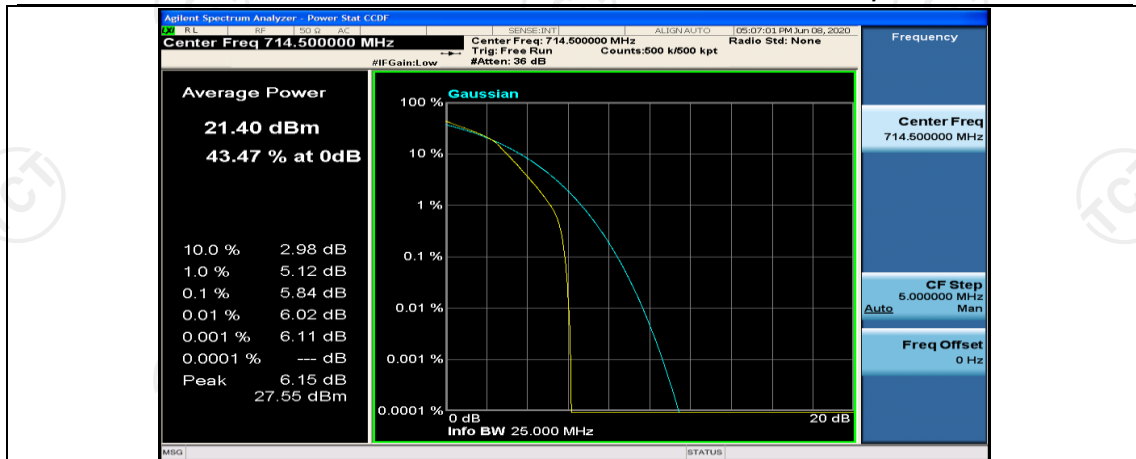
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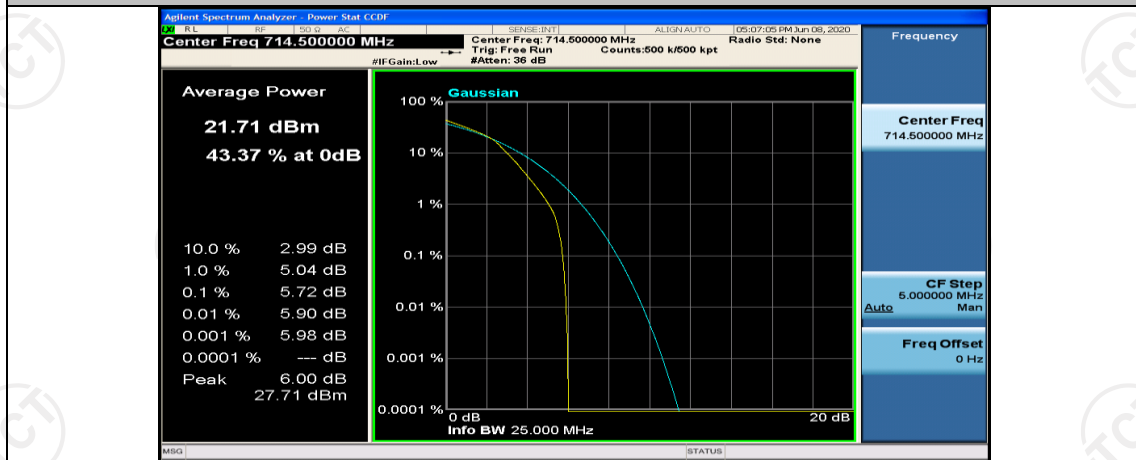
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



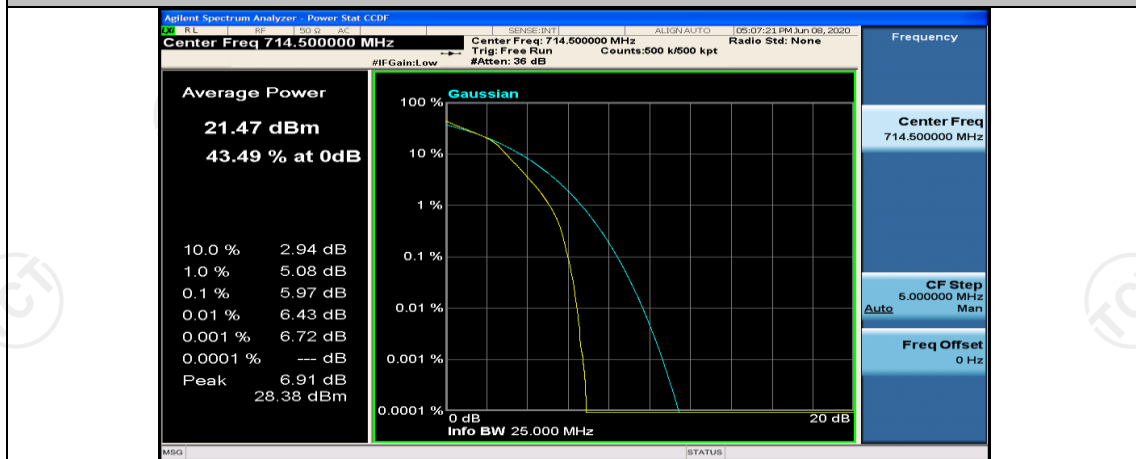
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



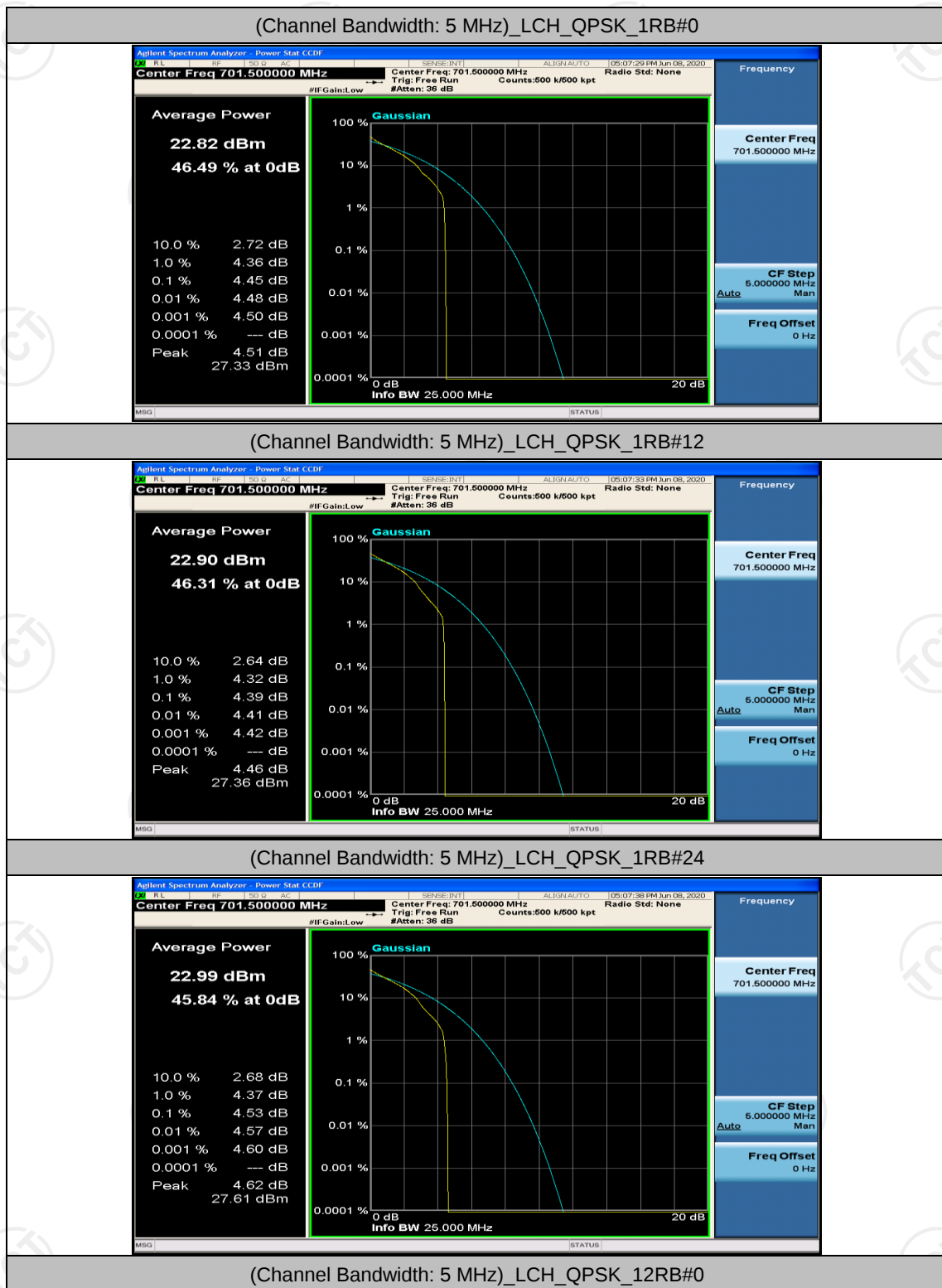
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

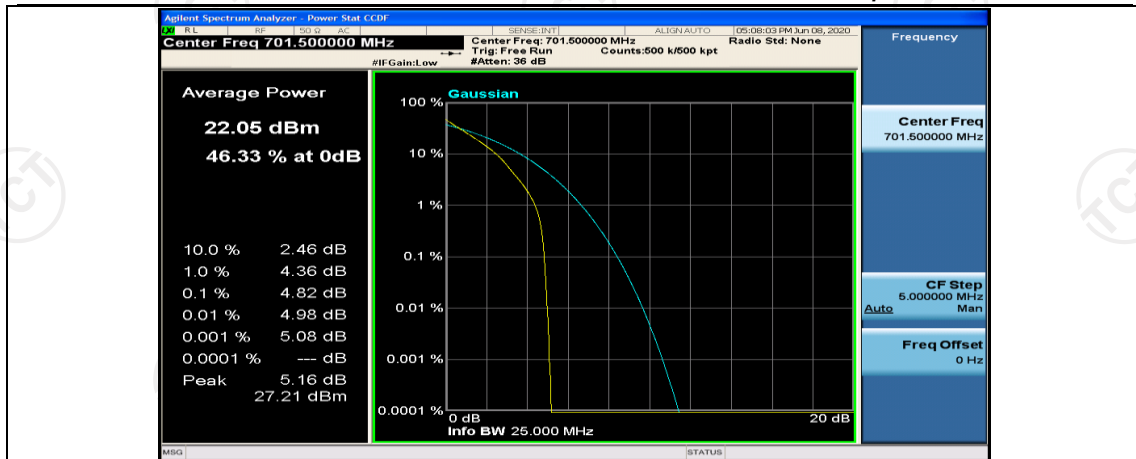


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

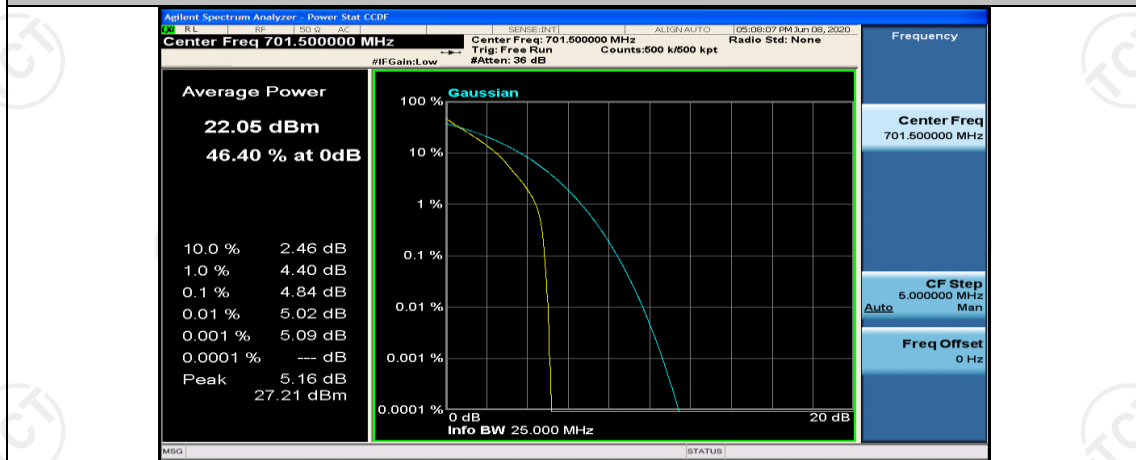


Channel Bandwidth: 5 MHz

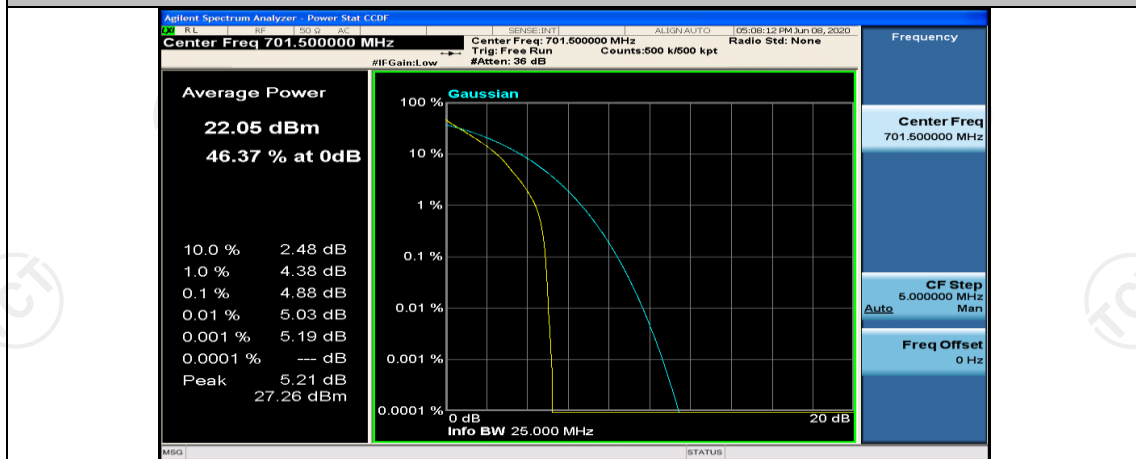




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0