

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.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.07	16.02	PASS
		1	12	23.00	15.95	PASS
		1	24	23.09	16.04	PASS
		12	0	23.17	16.12	PASS
		12	6	23.16	16.11	PASS
		12	13	23.15	16.10	PASS
		25	0	23.12	16.07	PASS
	MCH	1	0	23.20	16.15	PASS
		1	12	23.22	16.17	PASS
		1	24	23.22	16.17	PASS
		12	0	23.05	16.00	PASS
		12	6	23.14	16.09	PASS
		12	13	23.16	16.11	PASS
		25	0	23.16	16.11	PASS
	HCH	1	0	23.15	16.10	PASS
		1	12	23.12	16.07	PASS
		1	24	23.20	16.15	PASS
		12	0	23.12	16.07	PASS
		12	6	23.12	16.07	PASS
		12	13	23.19	16.14	PASS
		25	0	23.15	16.10	PASS
16QAM	LCH	1	0	21.87	14.82	PASS
		1	12	22.02	14.97	PASS
		1	24	22.04	14.99	PASS
		12	0	21.27	14.22	PASS
		12	6	21.18	14.13	PASS
		12	13	21.14	14.09	PASS
		25	0	21.07	14.02	PASS
	MCH	1	0	22.02	14.97	PASS
		1	12	22.12	15.07	PASS
		1	24	21.97	14.92	PASS
		12	0	21.17	14.12	PASS

		12	6	21.21	14.16	PASS
		12	13	21.22	14.17	PASS
		25	0	21.26	14.21	PASS
	HCH	1	0	21.61	14.56	PASS
		1	12	21.54	14.49	PASS
		1	24	21.58	14.53	PASS
		12	0	21.16	14.11	PASS
		12	6	21.18	14.13	PASS
		12	13	21.38	14.33	PASS
		25	0	21.44	14.39	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	23.06	16.01	PASS	
		1	24	23.07	16.02	PASS	
		1	49	23.08	16.03	PASS	
		25	0	23.14	16.09	PASS	
		25	12	23.12	16.07	PASS	
		25	25	23.19	16.14	PASS	
		50	0	23.14	16.09	PASS	
	MCH	1	0	23.30	16.25	PASS	
		1	24	23.29	16.24	PASS	
		1	49	23.26	16.21	PASS	
		25	0	23.12	16.07	PASS	
		25	12	23.12	16.07	PASS	
		25	25	23.16	16.11	PASS	
		50	0	23.02	15.97	PASS	
	HCH	1	0	23.11	16.06	PASS	
		1	24	23.18	16.13	PASS	
		1	49	23.22	16.17	PASS	
		25	0	23.12	16.07	PASS	
		25	12	23.12	16.07	PASS	
		25	25	23.14	16.09	PASS	
		50	0	23.22	16.17	PASS	
	16QAM	LCH	1	0	22.02	14.97	PASS
			1	24	22.02	14.97	PASS
			1	49	22.14	15.09	PASS
25			0	21.18	14.13	PASS	

		25	12	21.16	14.11	PASS
		25	25	21.04	13.99	PASS
		50	0	21.17	14.12	PASS
	MCH	1	0	21.93	14.88	PASS
		1	24	21.93	14.88	PASS
		1	49	21.87	14.82	PASS
		25	0	21.40	14.35	PASS
		25	12	21.34	14.29	PASS
		25	25	21.25	14.20	PASS
		50	0	21.26	14.21	PASS
	HCH	1	0	22.11	15.06	PASS
		1	24	22.18	15.13	PASS
		1	49	22.09	15.04	PASS
		25	0	21.33	14.28	PASS
		25	12	21.28	14.23	PASS
25		25	21.56	14.51	PASS	
50		0	21.26	14.21	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	5.75	<13	PASS
		1	12	5.56	<13	PASS
		1	24	5.61	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.56	<13	PASS
		25	0	5.54	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.13	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.44	<13	PASS
	HCH	1	0	5.56	<13	PASS
		1	12	5.35	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.28	<13	PASS
16QAM	LCH	1	0	6.37	<13	PASS
		1	12	6.33	<13	PASS
		1	24	6.16	<13	PASS
		12	0	6.52	<13	PASS
		12	6	6.52	<13	PASS
		12	13	6.48	<13	PASS
		25	0	6.53	<13	PASS
	MCH	1	0	5.99	<13	PASS
		1	12	5.9	<13	PASS

		1	24	5.77	<13	PASS
		12	0	6.53	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.5	<13	PASS
		25	0	6.47	<13	PASS
	HCH	1	0	6.21	<13	PASS
		1	12	6.28	<13	PASS
		1	24	6.1	<13	PASS
		12	0	6.42	<13	PASS
		12	6	6.37	<13	PASS
		12	13	6.38	<13	PASS
		25	0	6.34	<13	PASS

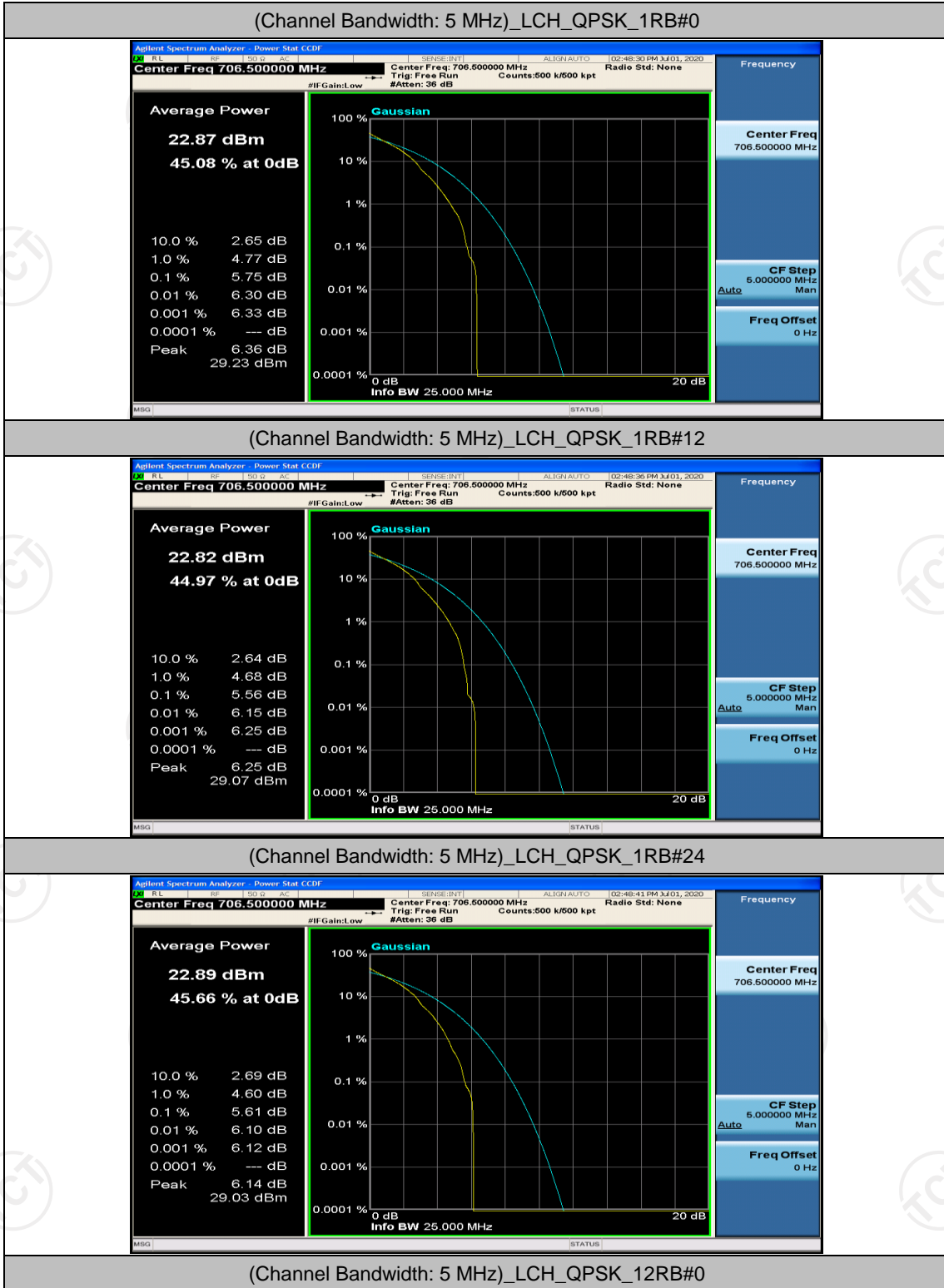
Channel Bandwidth: 10 MHz

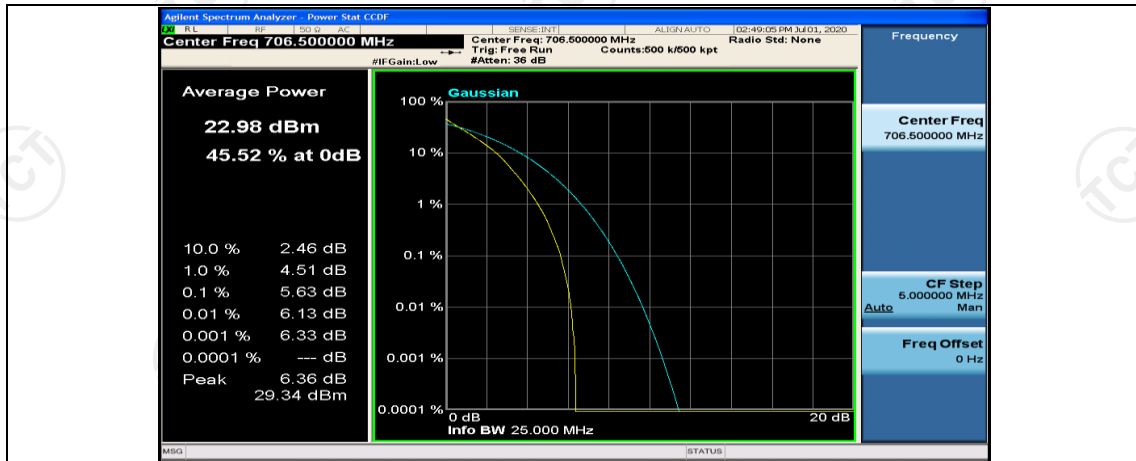
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.61	<13	PASS
		1	24	5.34	<13	PASS
		1	49	5.16	<13	PASS
		25	0	5.61	<13	PASS
		25	12	5.58	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.52	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	24	5.15	<13	PASS
		1	49	4.78	<13	PASS
		25	0	5.55	<13	PASS
		25	12	5.52	<13	PASS
		25	25	5.26	<13	PASS
		50	0	5.48	<13	PASS
	HCH	1	0	5.51	<13	PASS
		1	24	5.44	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.45	<13	PASS
		25	12	5.4	<13	PASS
		25	25	5.24	<13	PASS
		50	0	5.46	<13	PASS
16QAM	LCH	1	0	6.6	<13	PASS
		1	24	6.27	<13	PASS

		1	49	6.17	<13	PASS
		25	0	6.66	<13	PASS
		25	12	6.64	<13	PASS
		25	25	6.53	<13	PASS
		50	0	6.46	<13	PASS
	MCH	1	0	6.1	<13	PASS
		1	24	6.01	<13	PASS
		1	49	5.91	<13	PASS
		25	0	6.61	<13	PASS
		25	12	6.57	<13	PASS
		25	25	6.55	<13	PASS
		50	0	6.48	<13	PASS
	HCH	1	0	6.49	<13	PASS
		1	24	6.28	<13	PASS
		1	49	5.96	<13	PASS
		25	0	6.49	<13	PASS
		25	12	6.5	<13	PASS
		25	25	6.34	<13	PASS
		50	0	6.45	<13	PASS

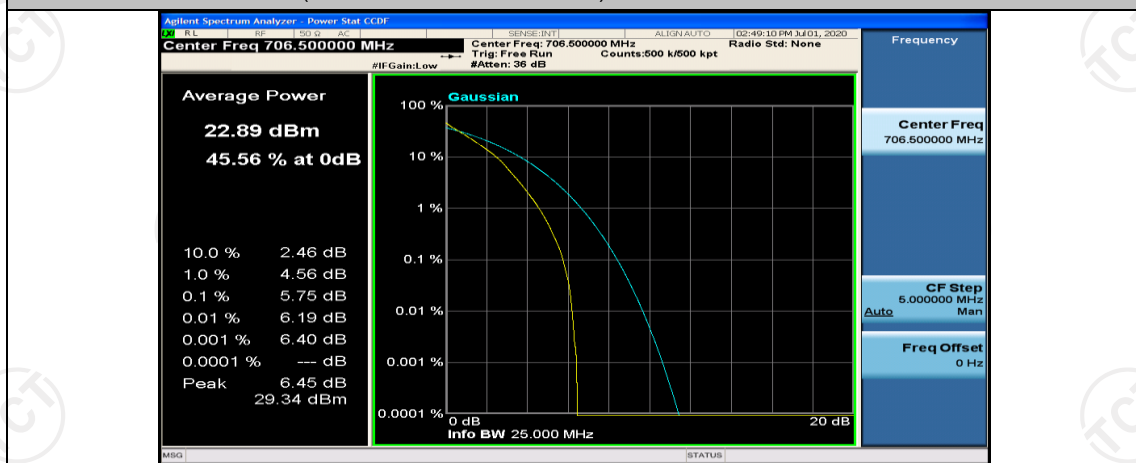
Test Graphs

Channel Bandwidth: 5 MHz

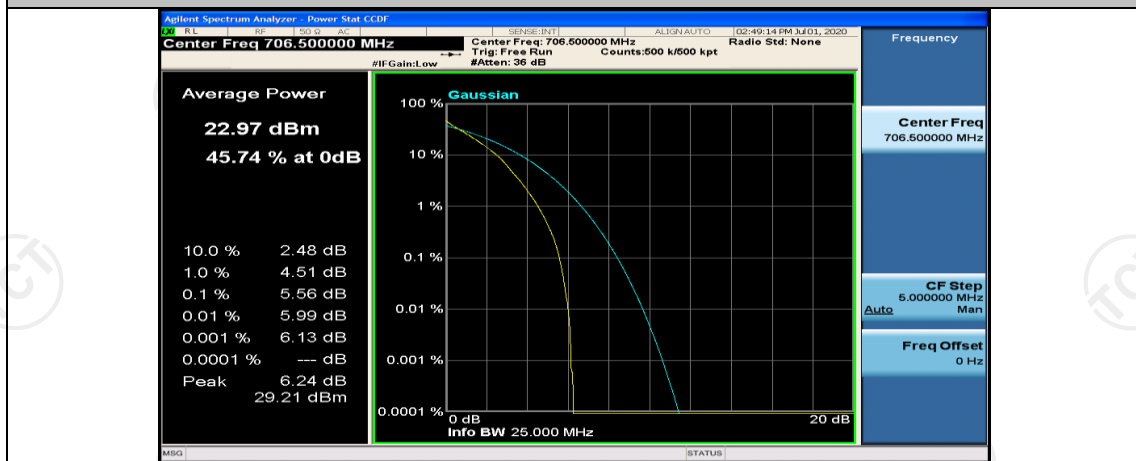




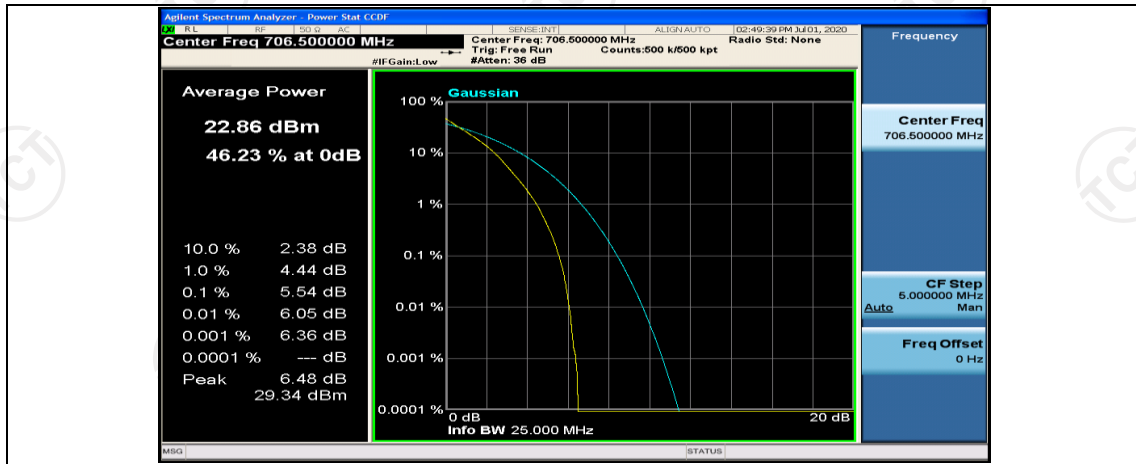
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



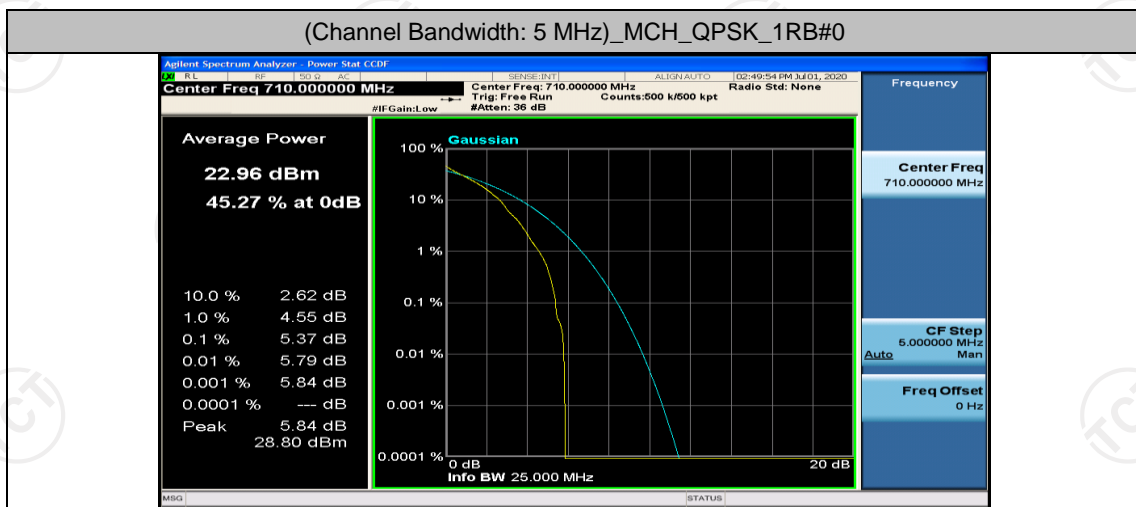
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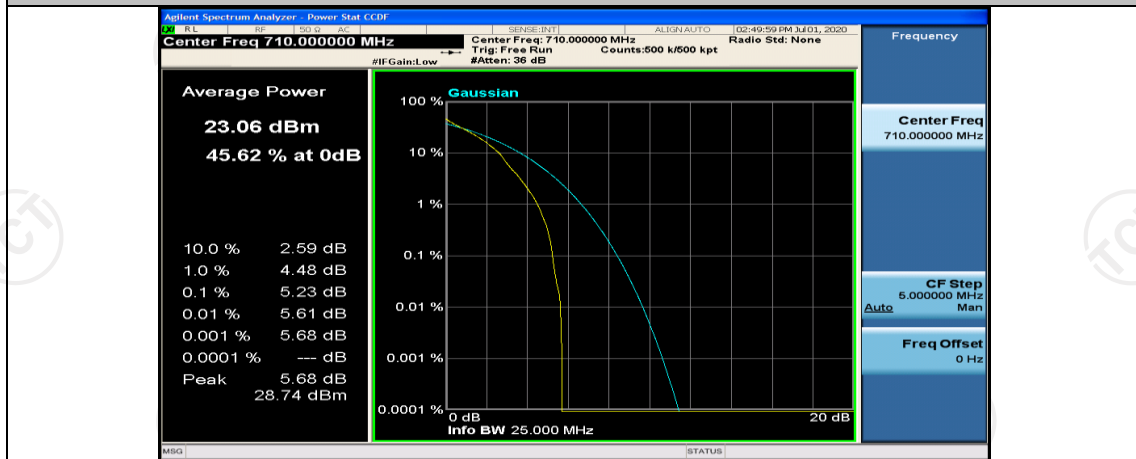
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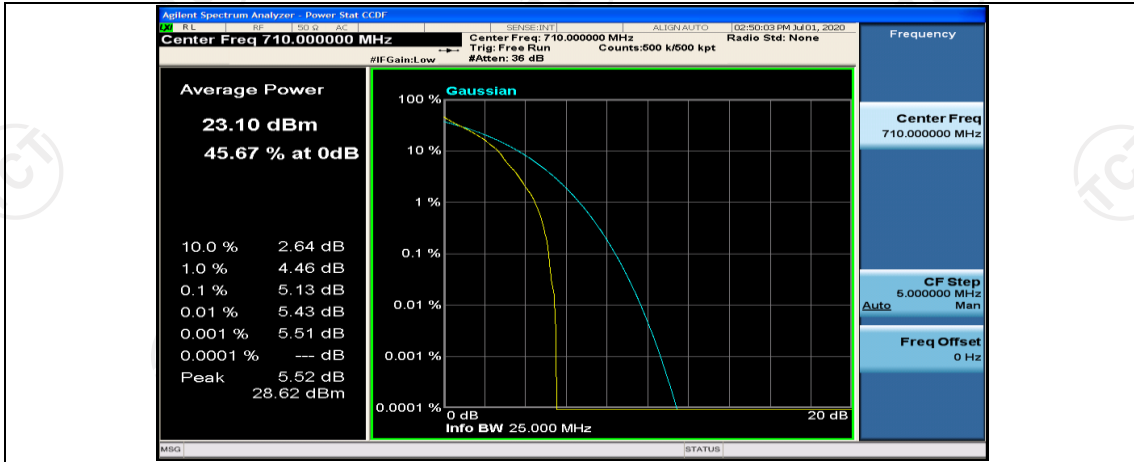
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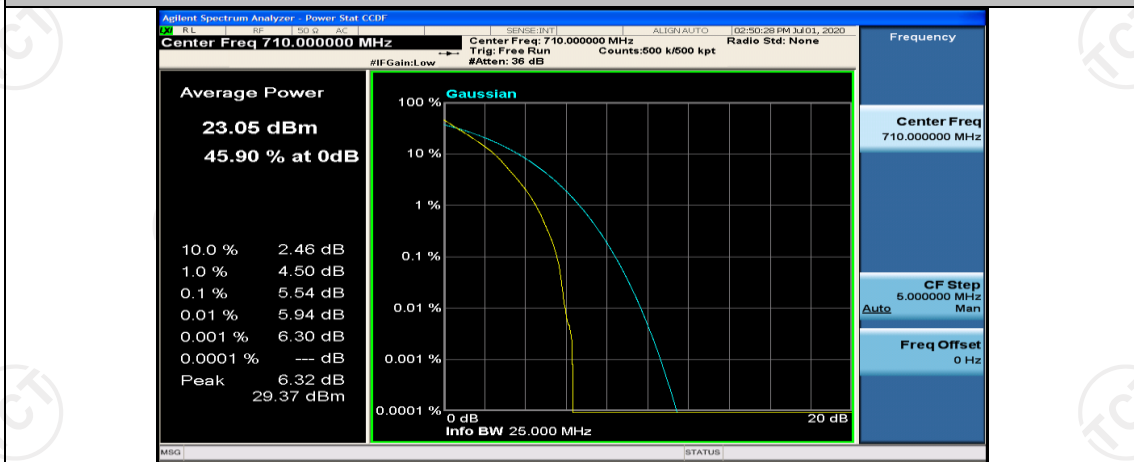
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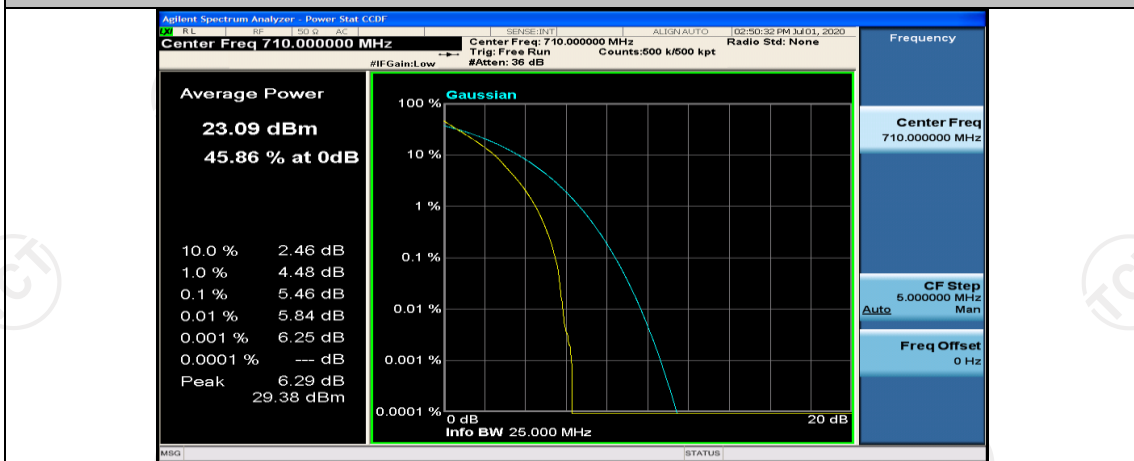
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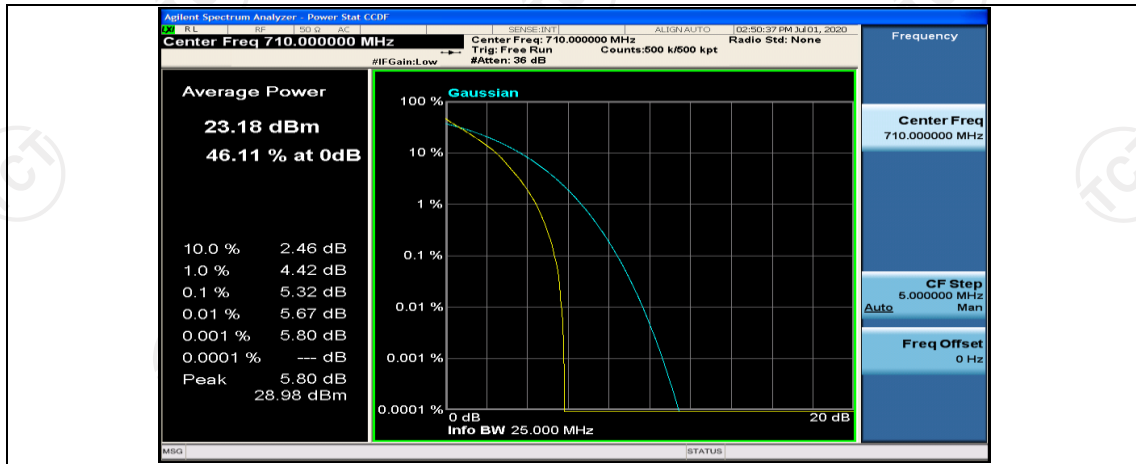
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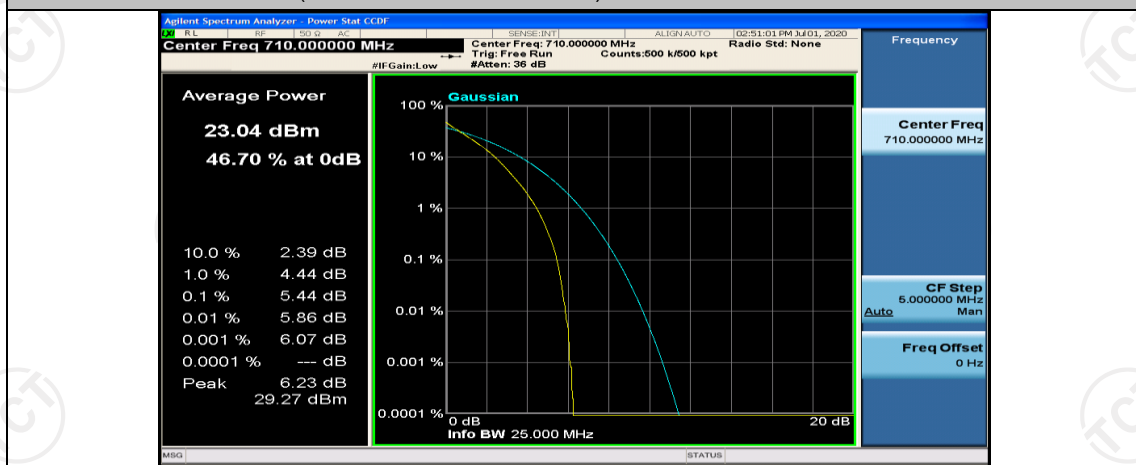
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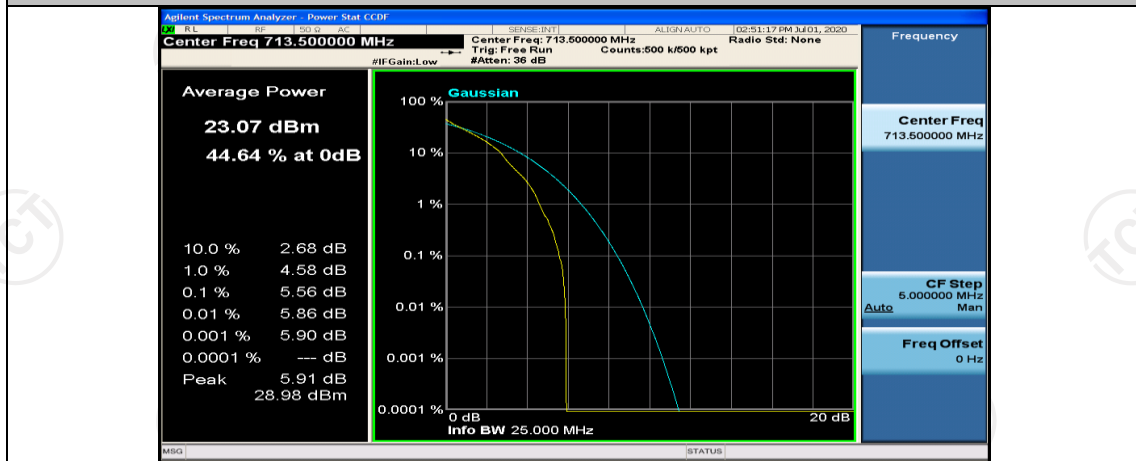
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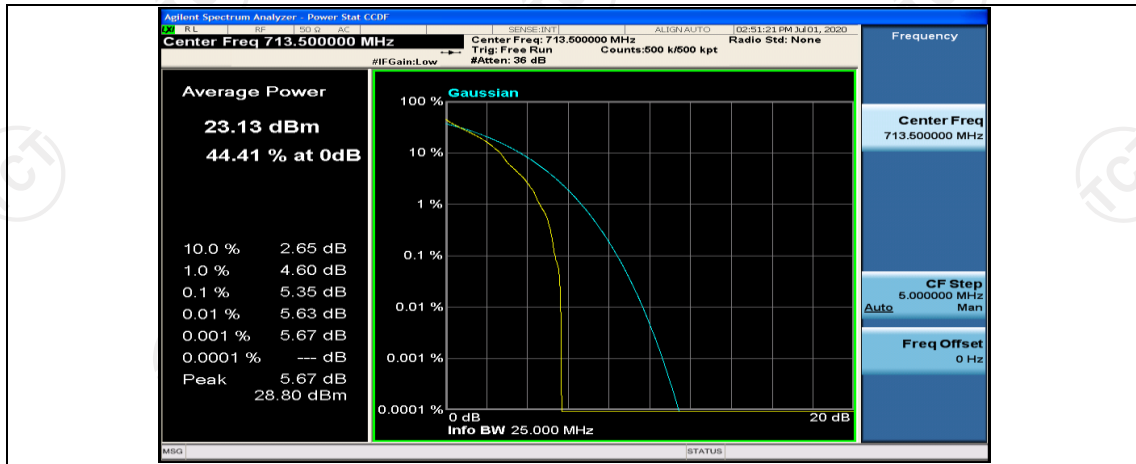
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



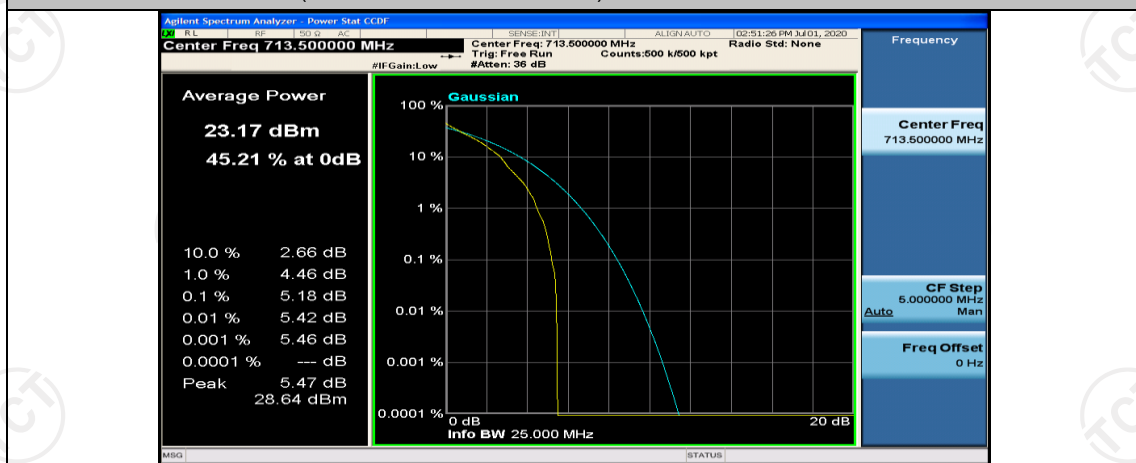
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



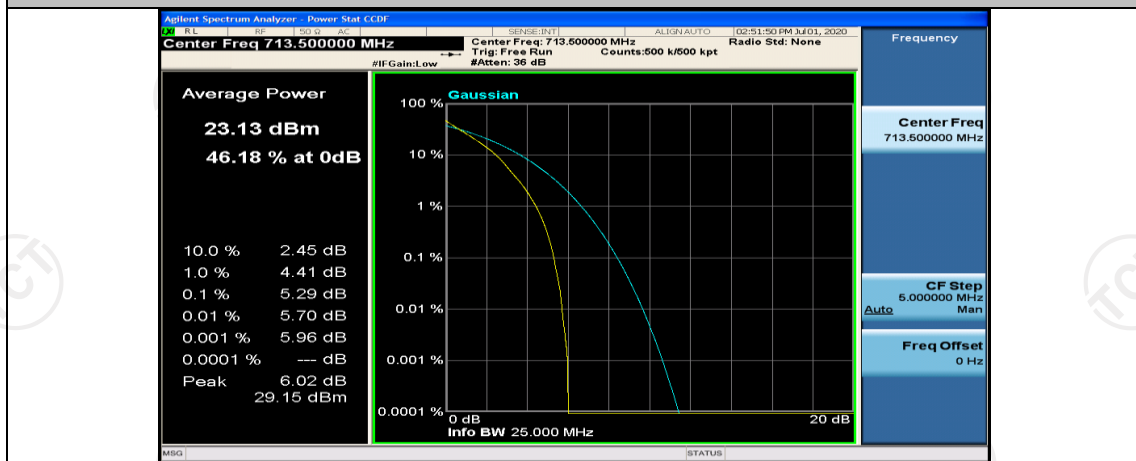
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



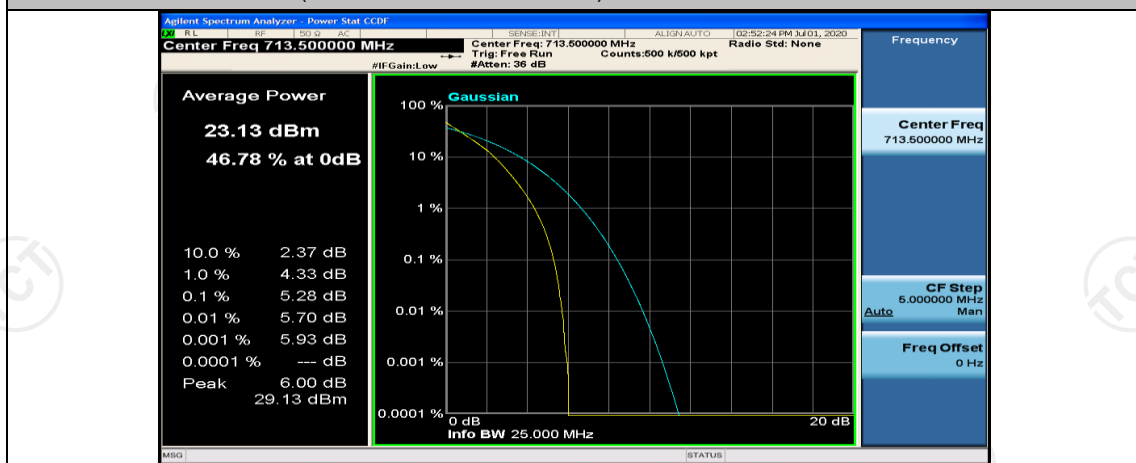
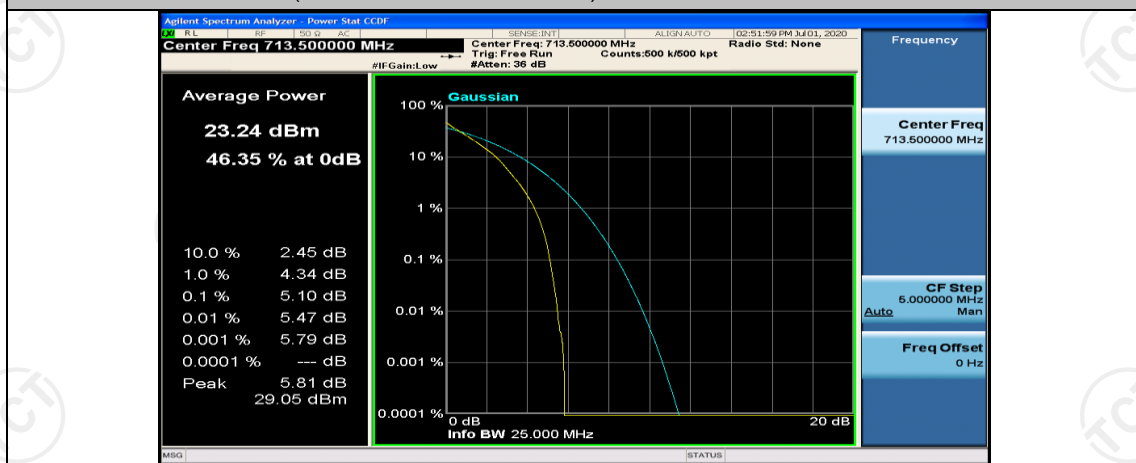
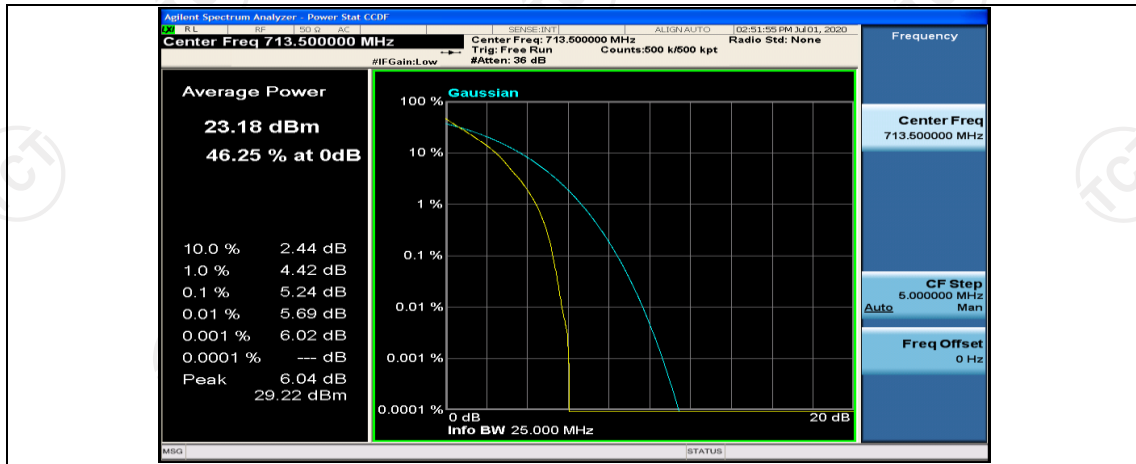
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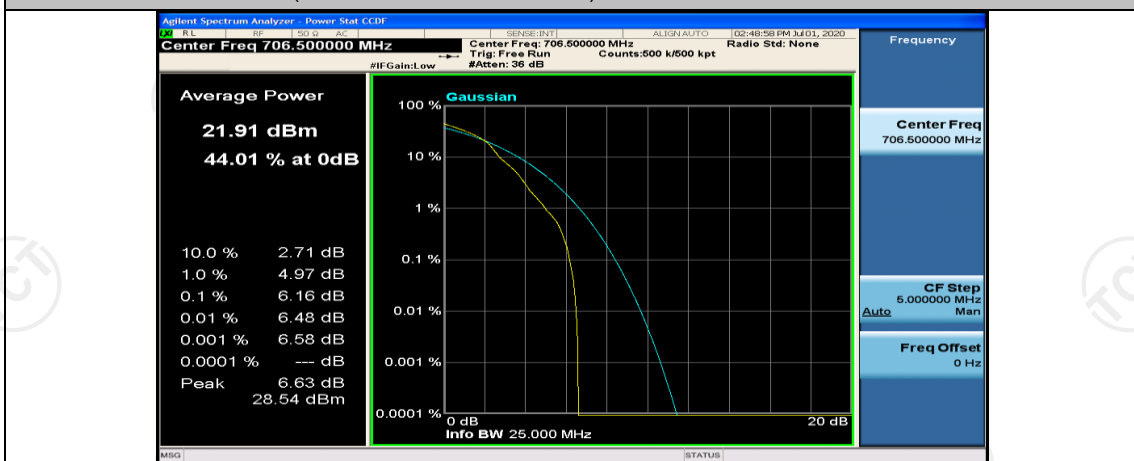
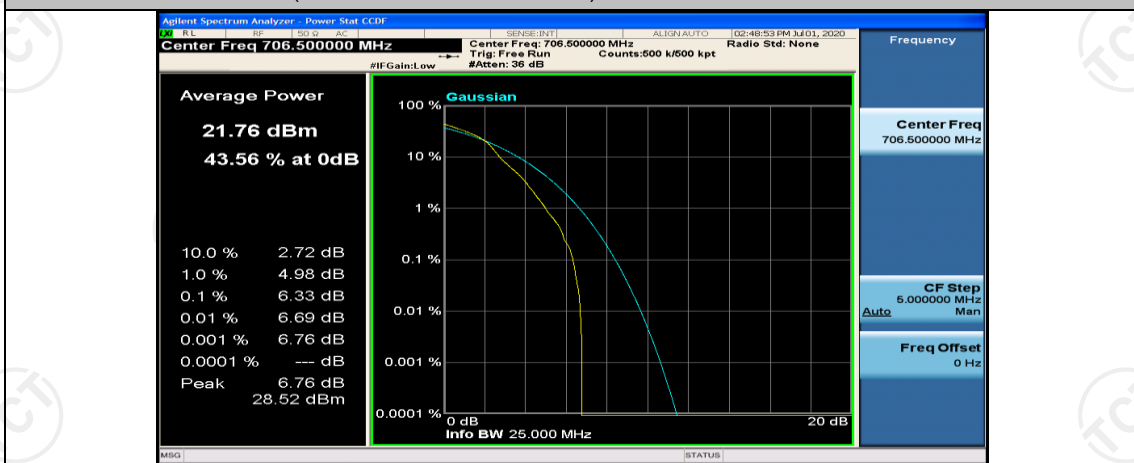
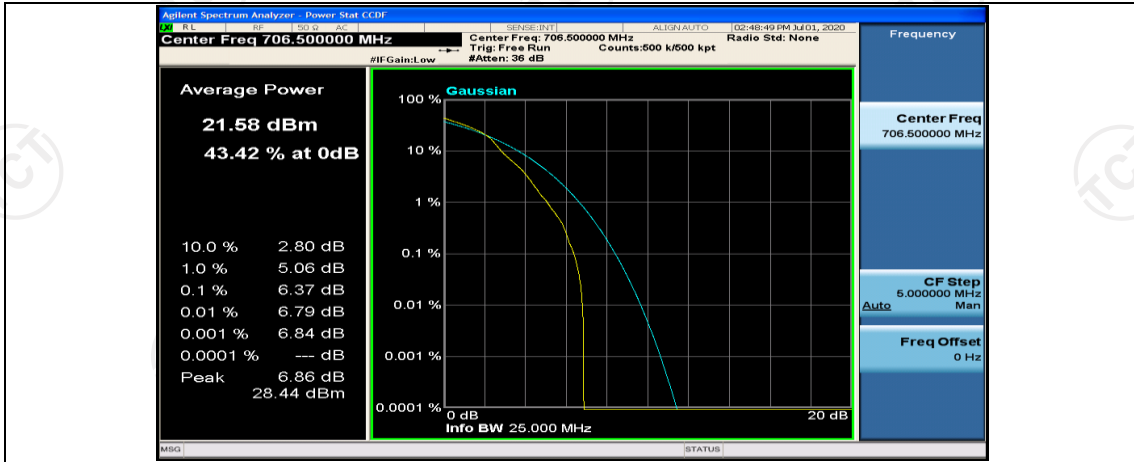


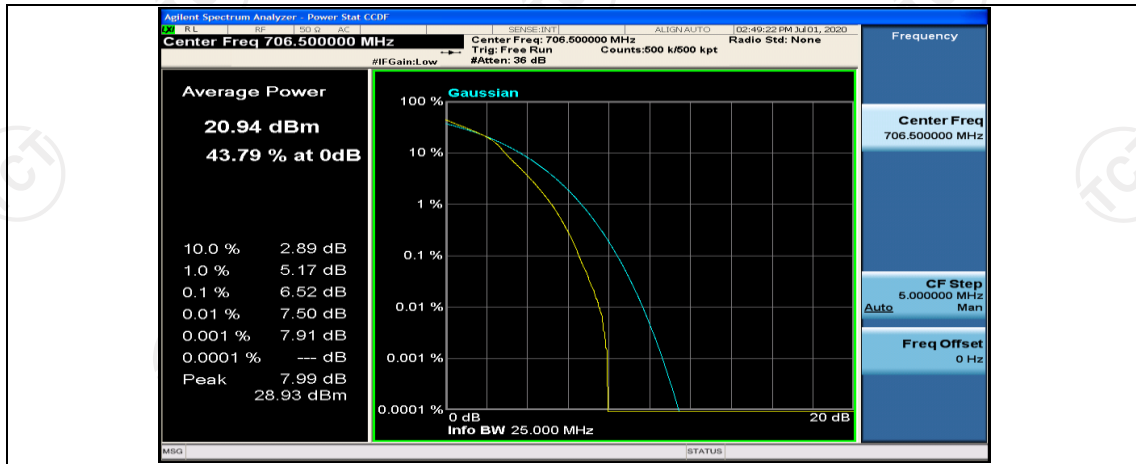
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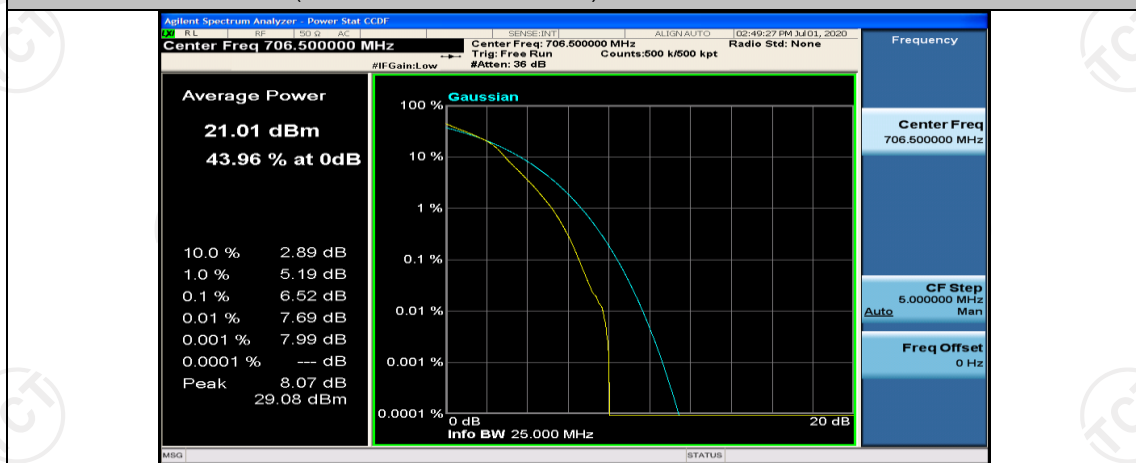
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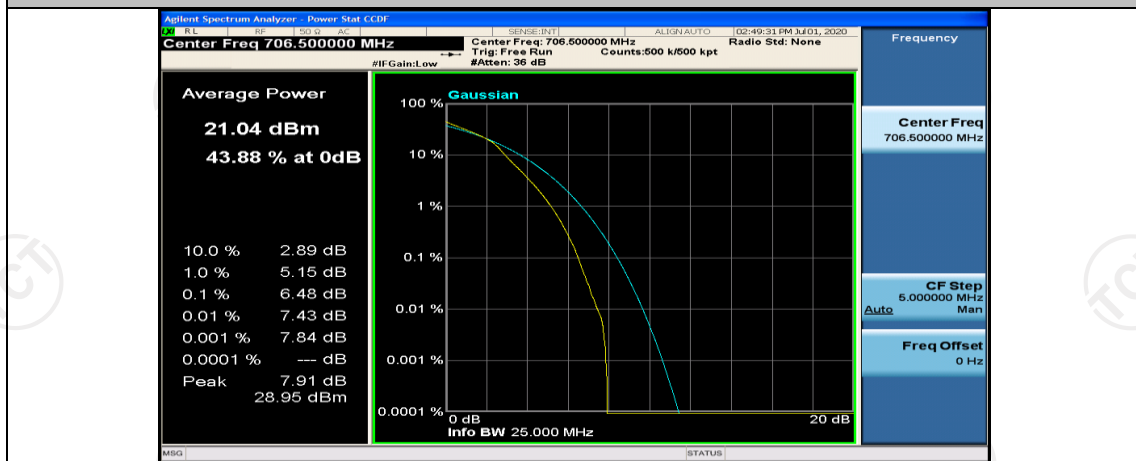




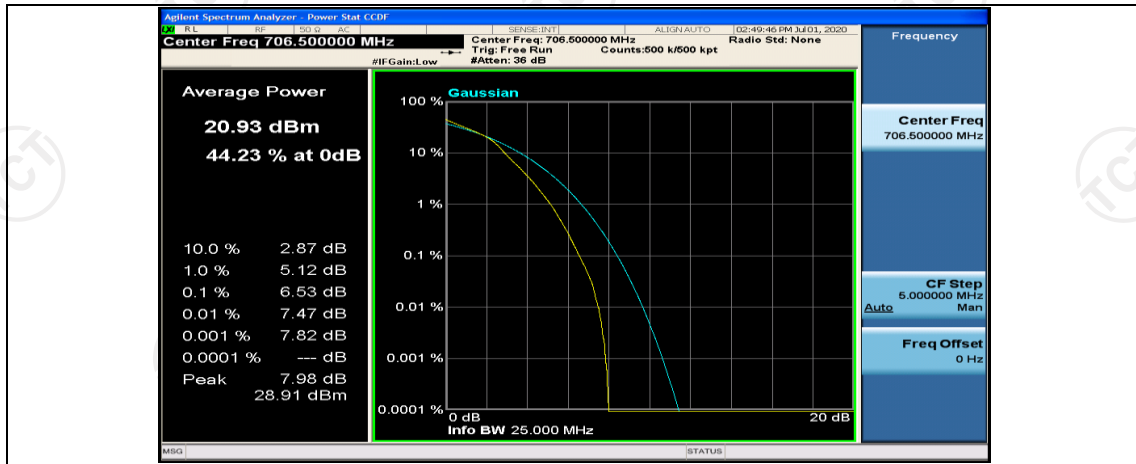
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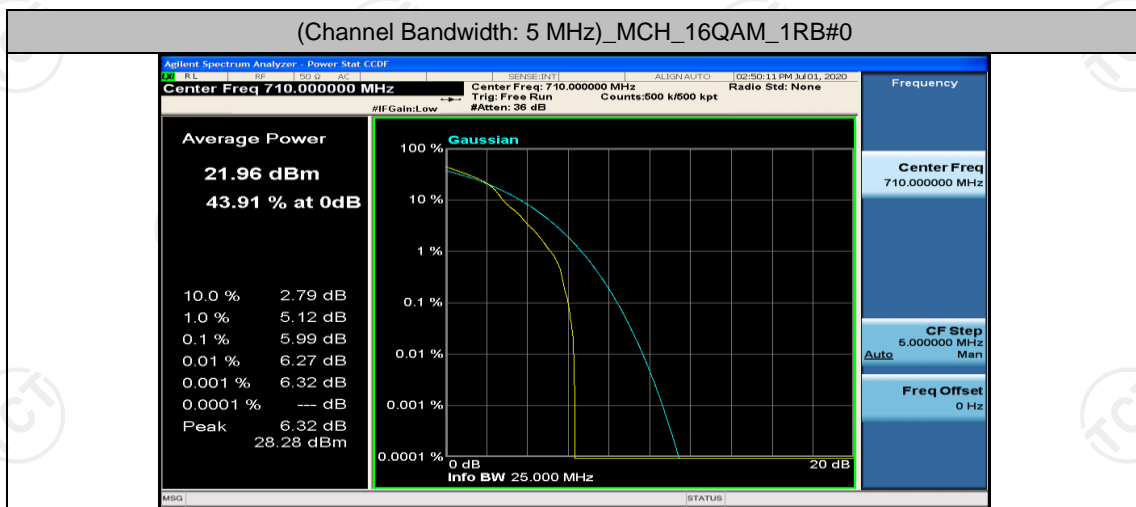
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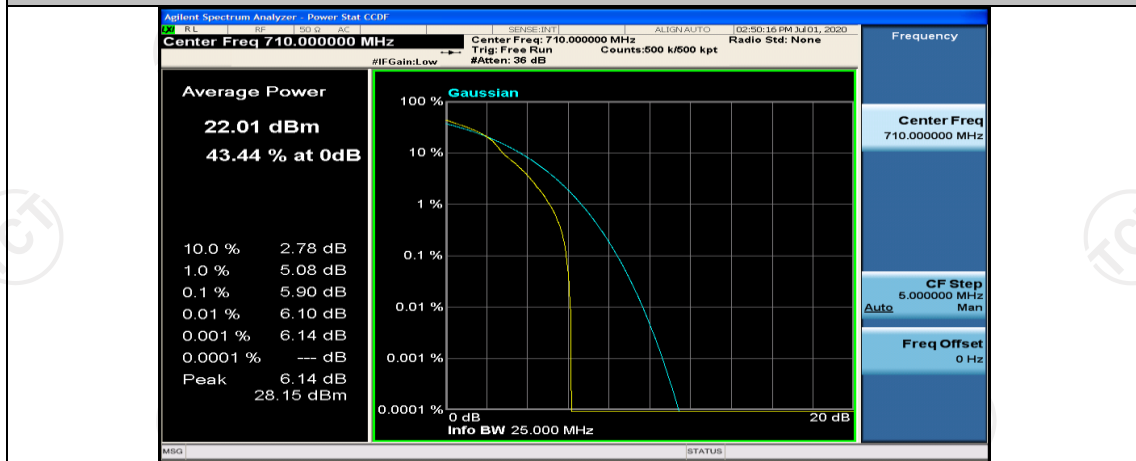
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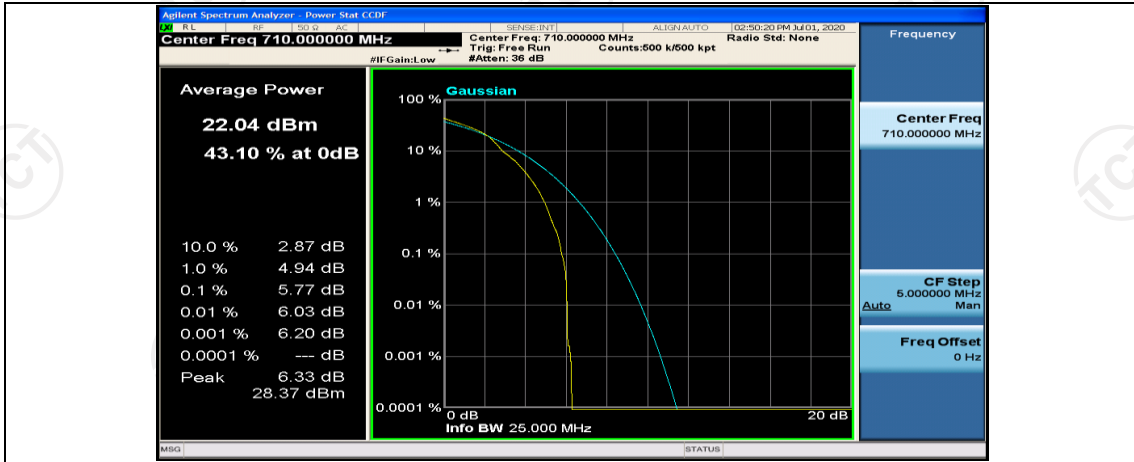
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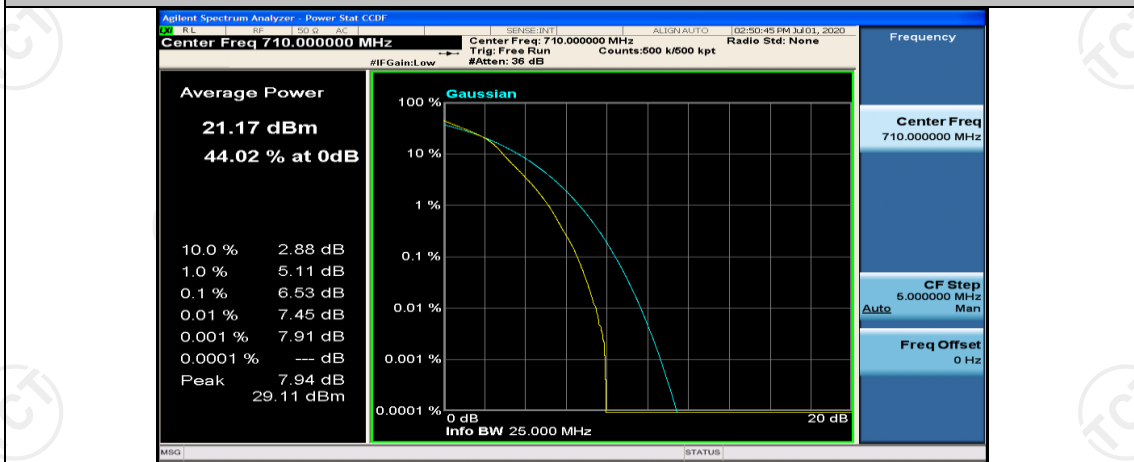
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



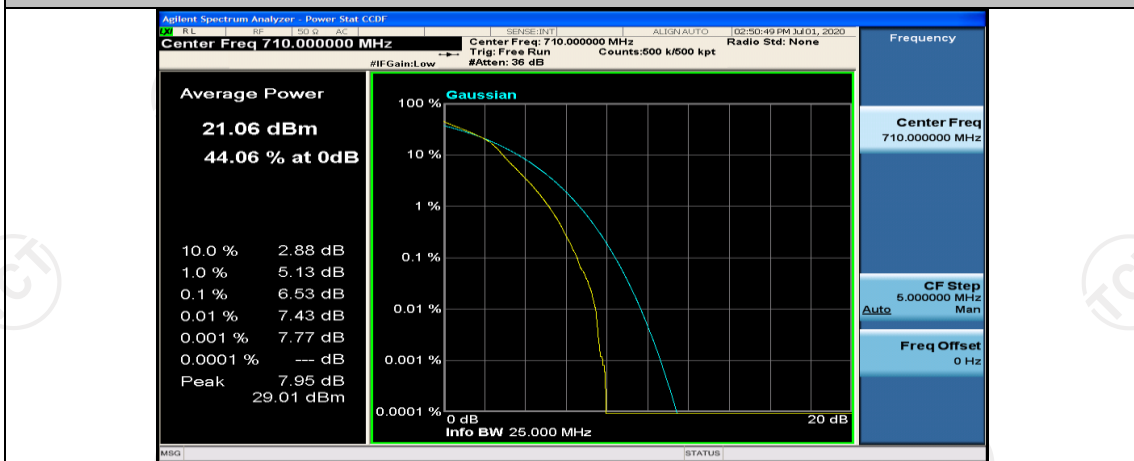
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



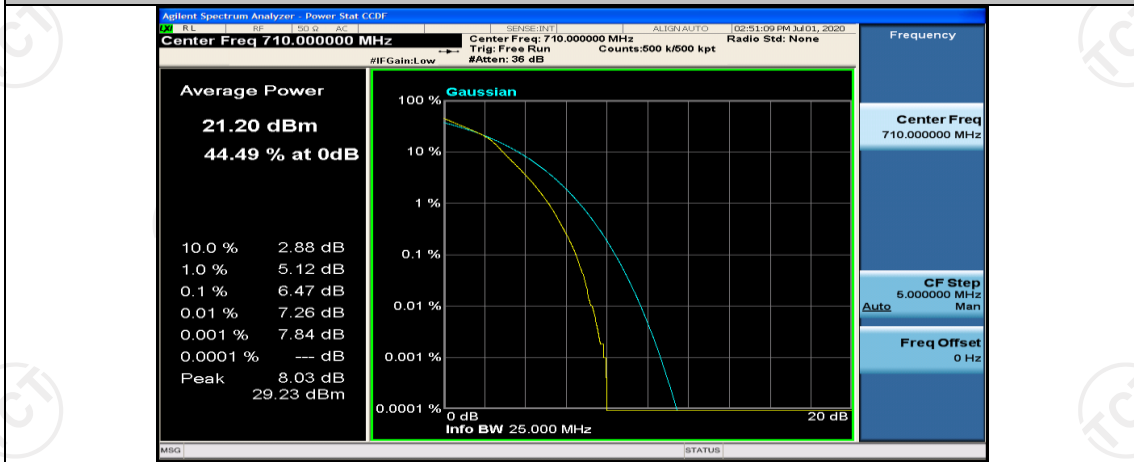
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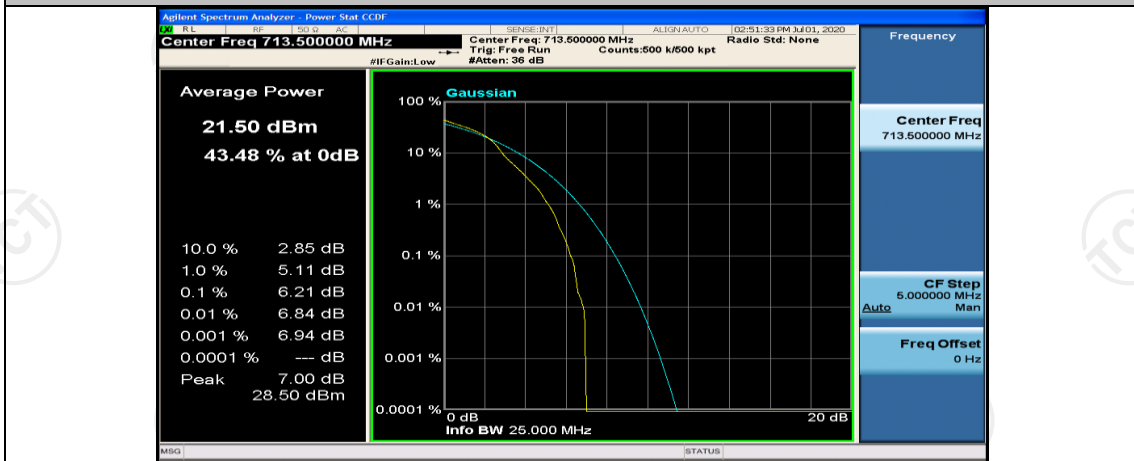
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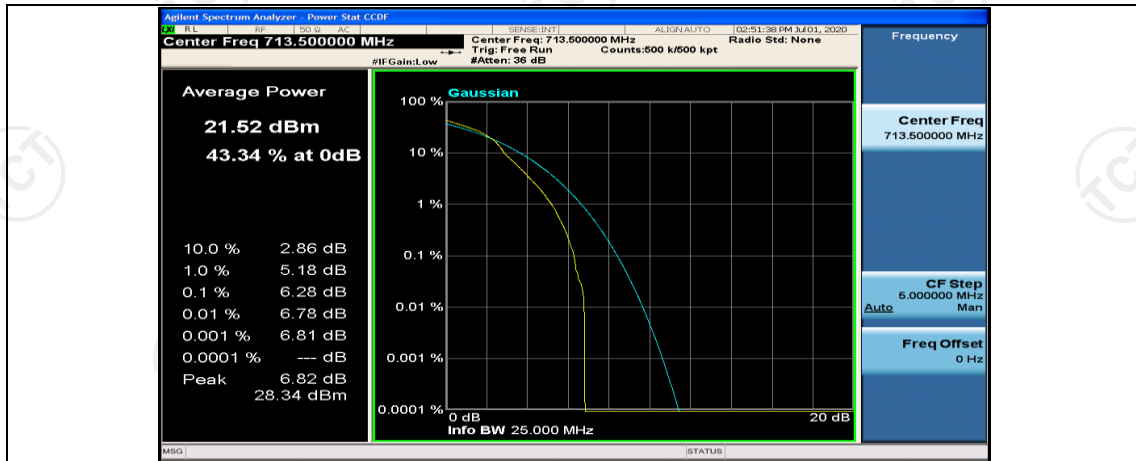
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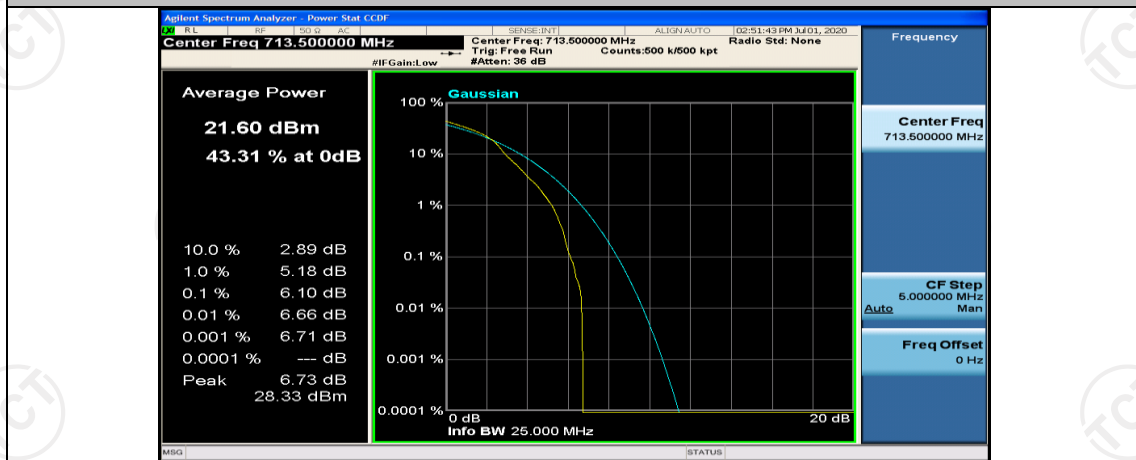
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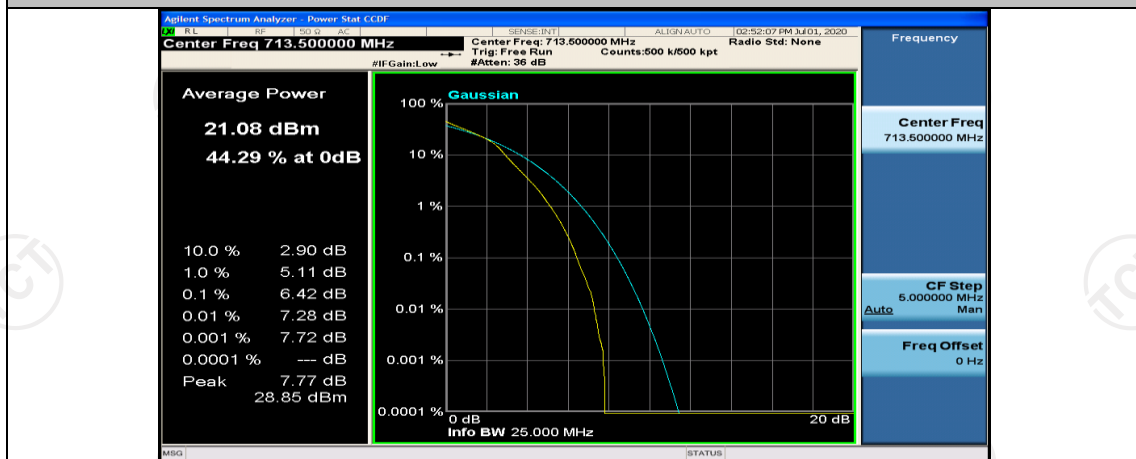
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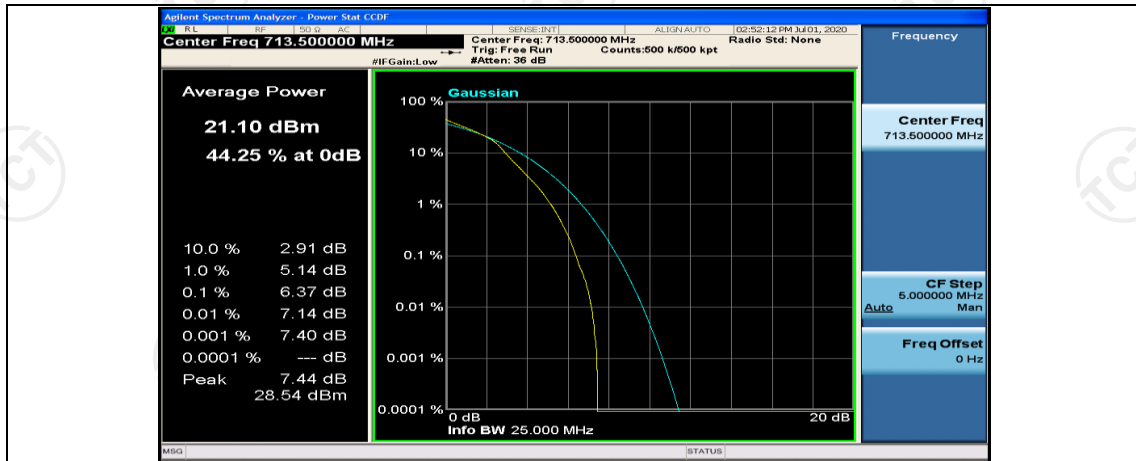
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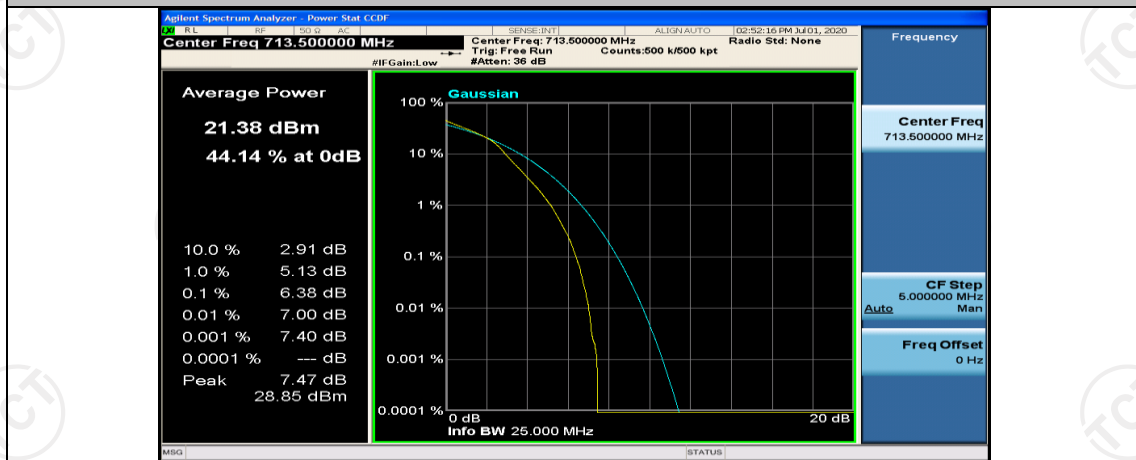
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



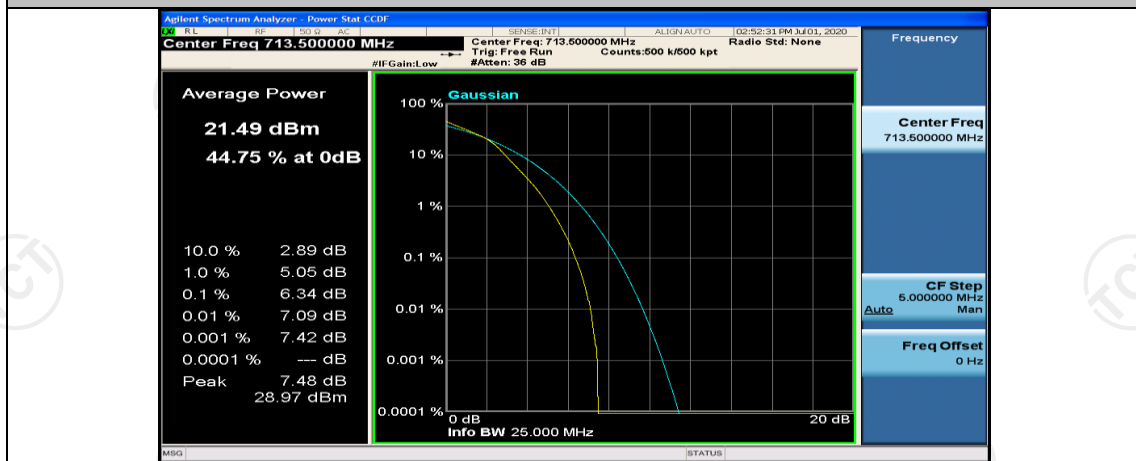
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



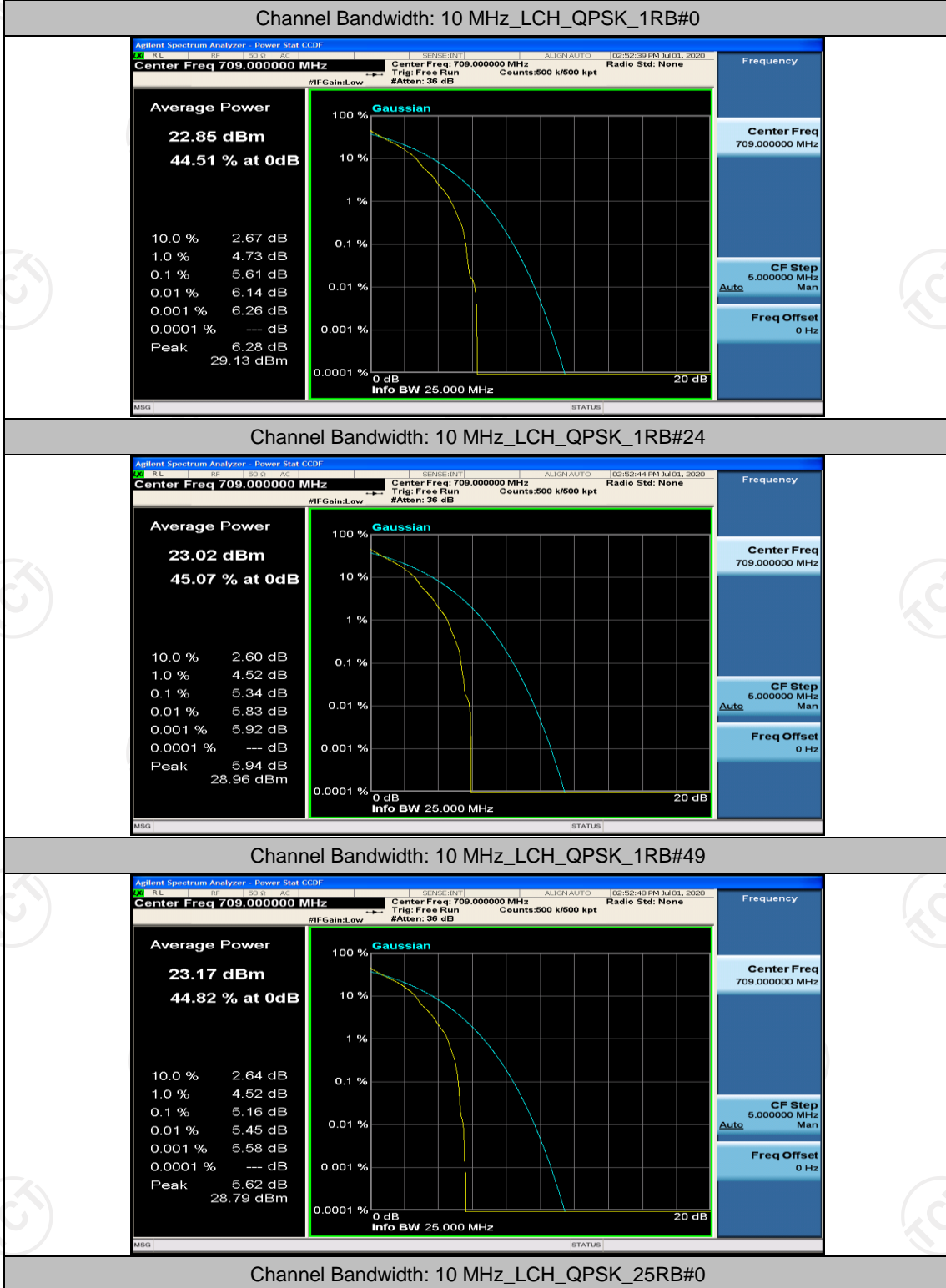
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

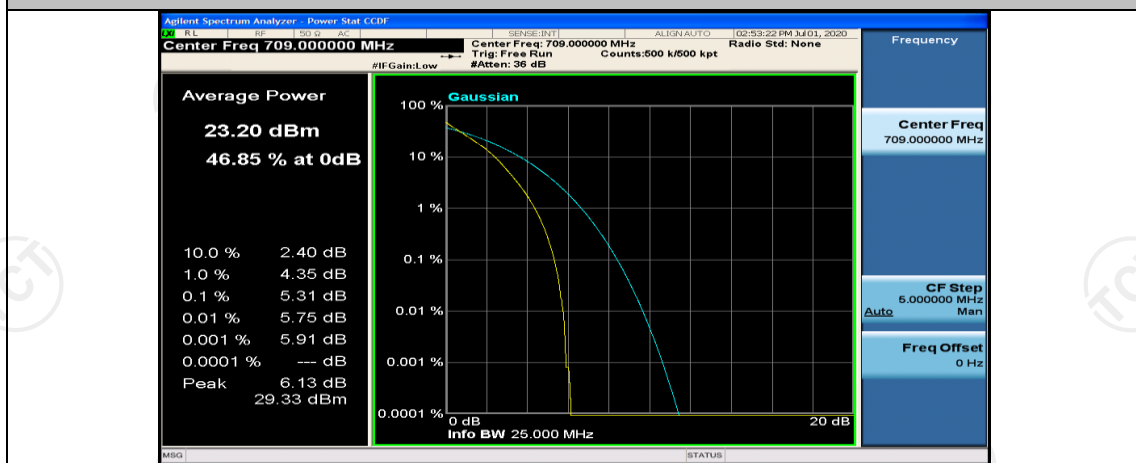
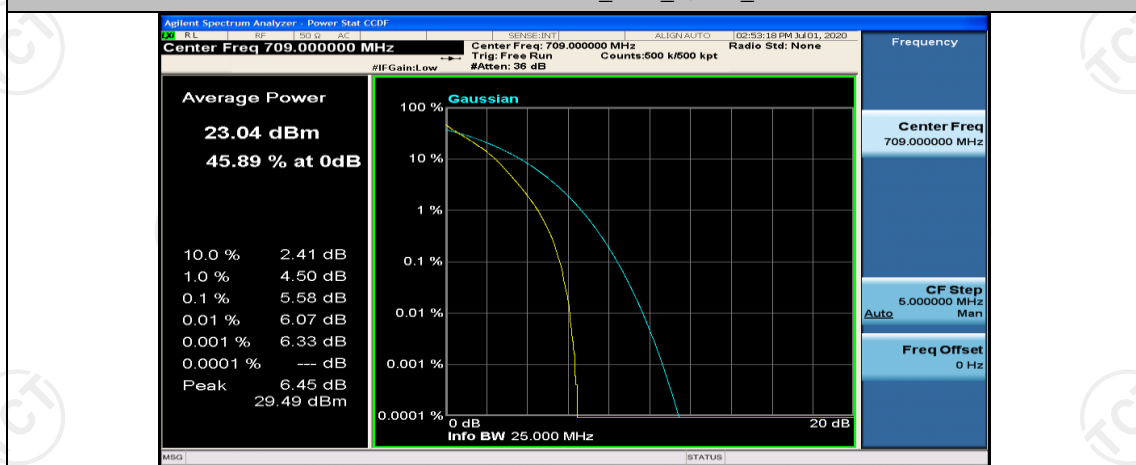
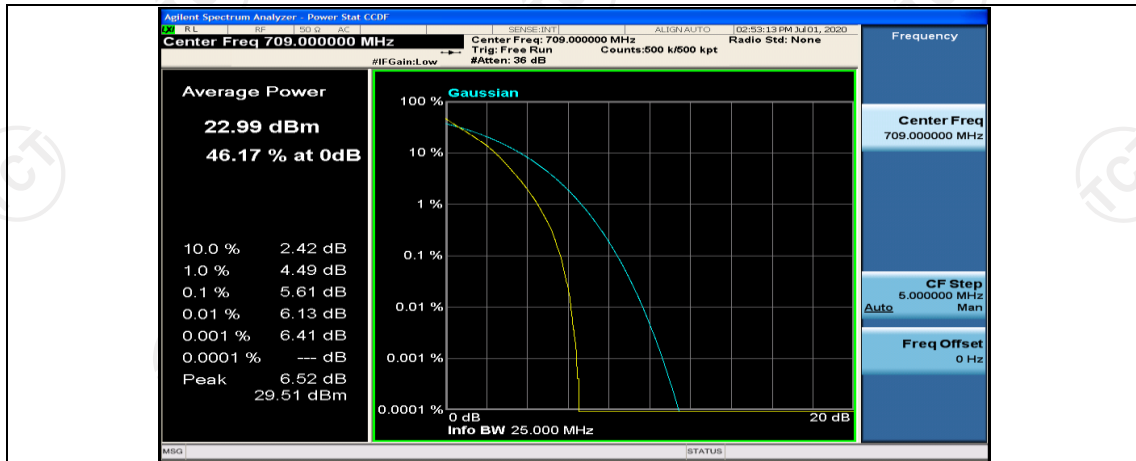


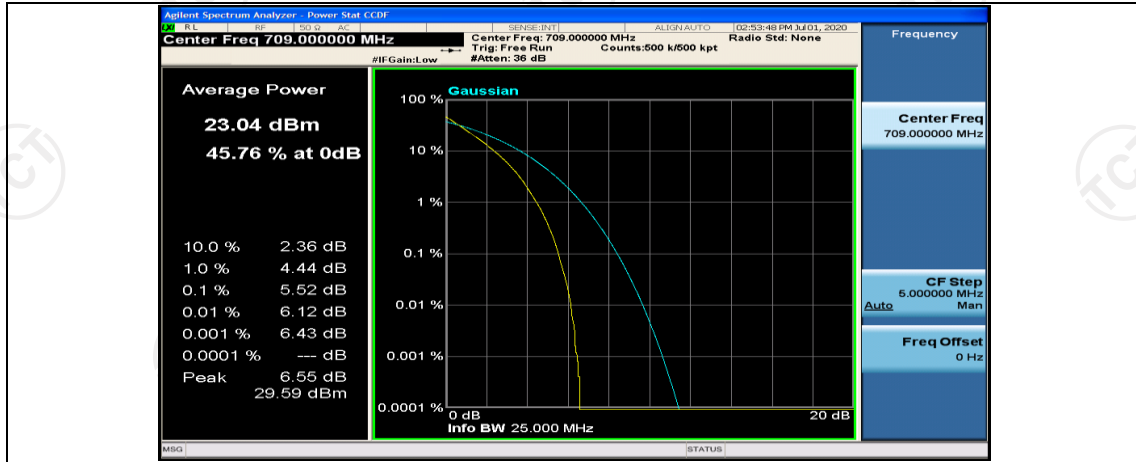
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



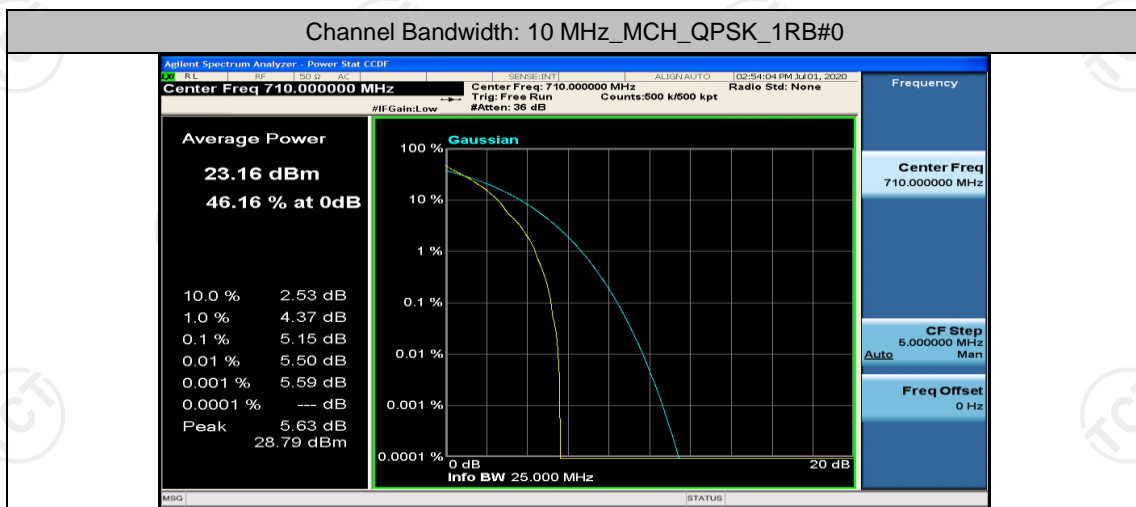
Channel Bandwidth: 10 MHz



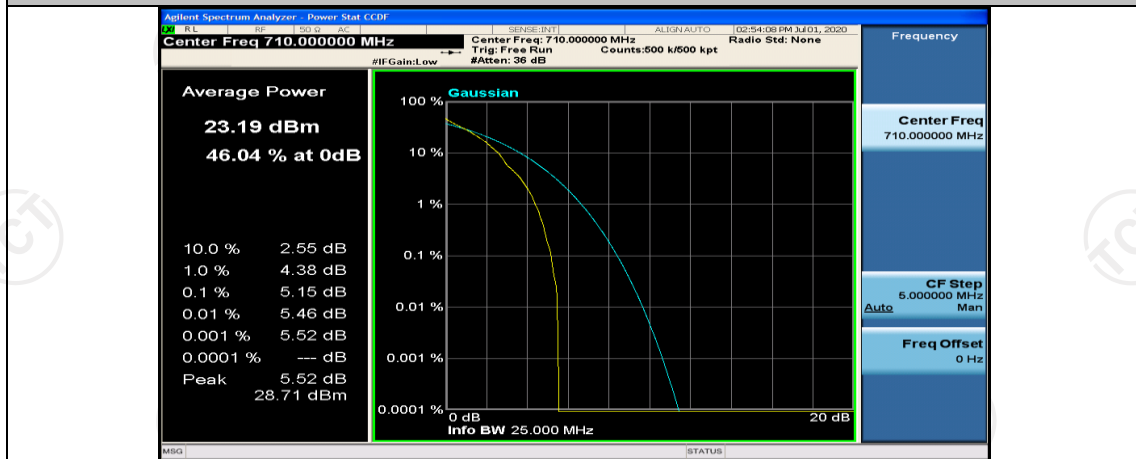




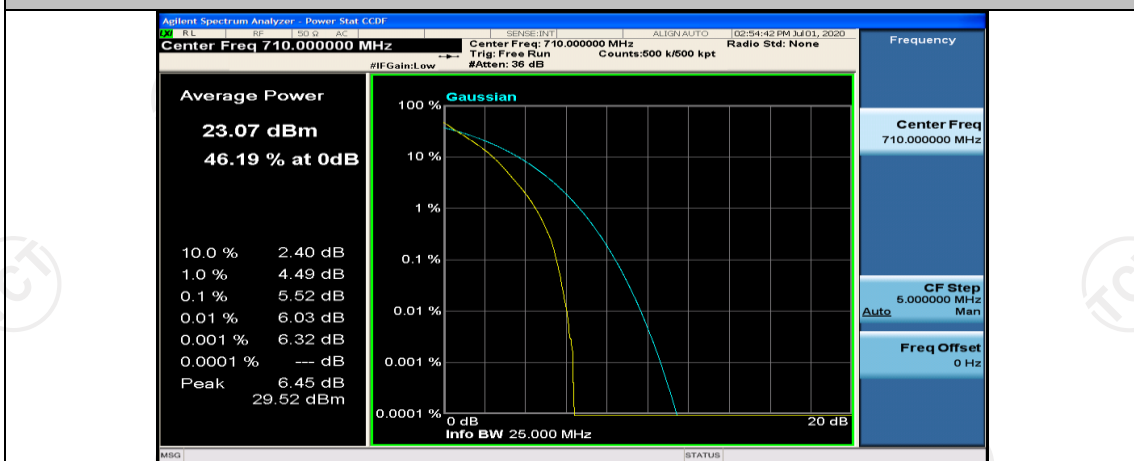
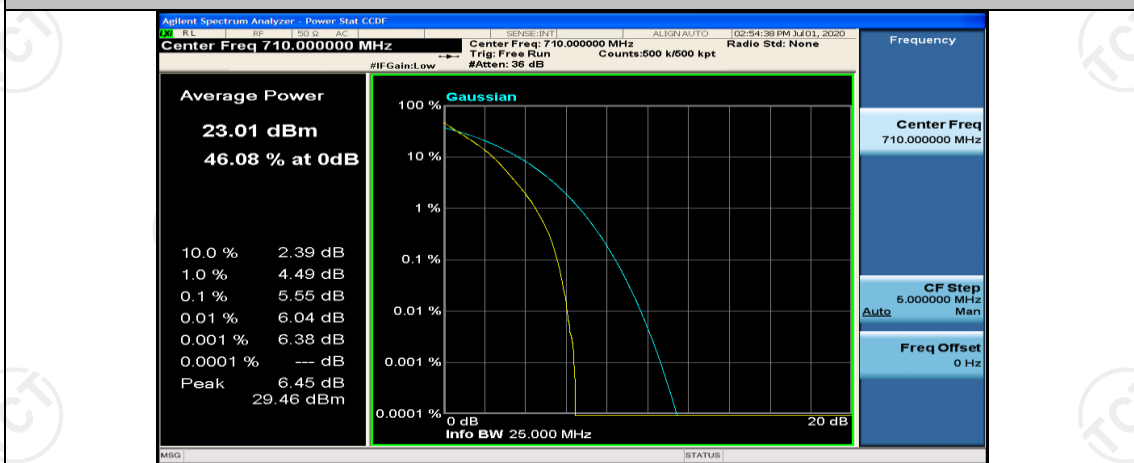
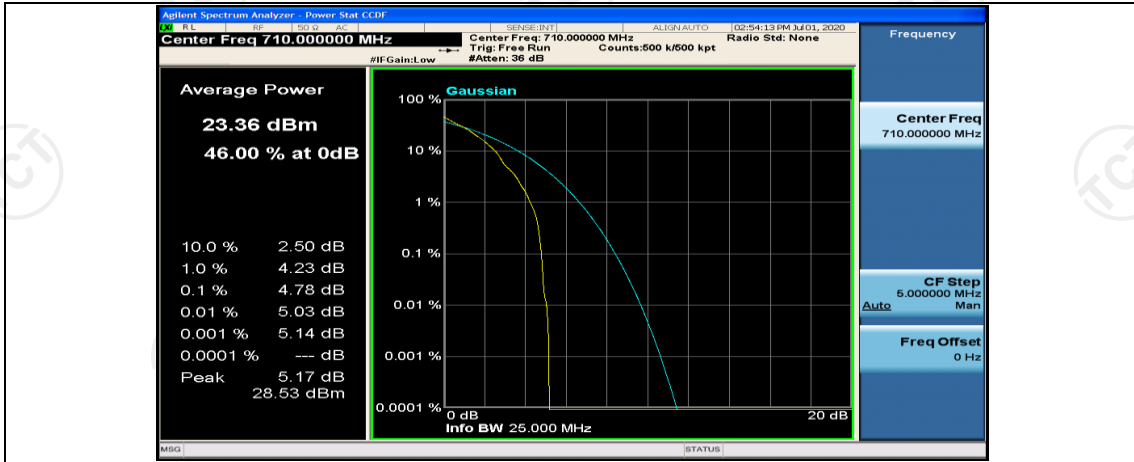
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

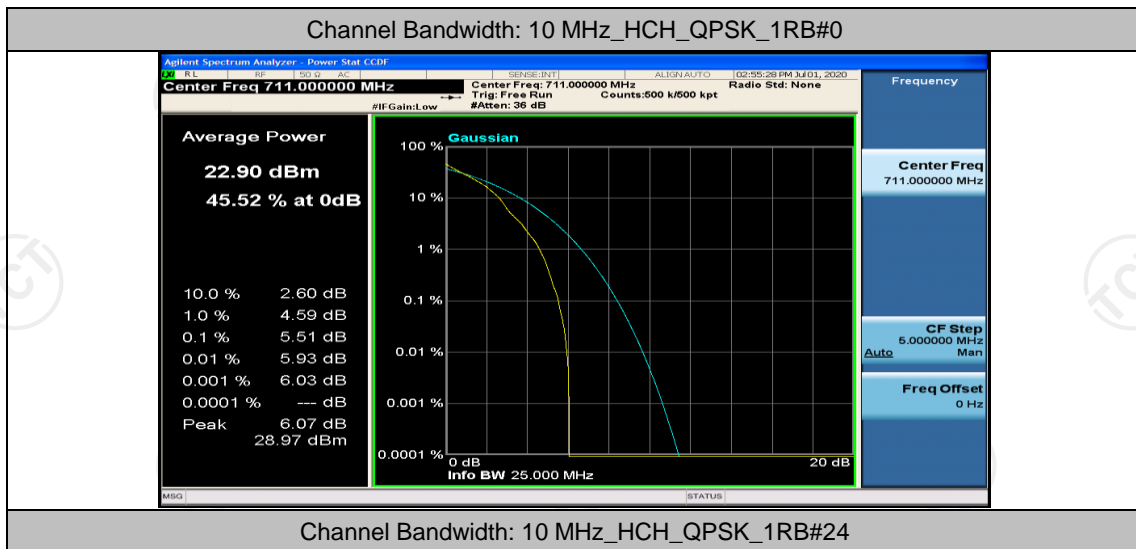
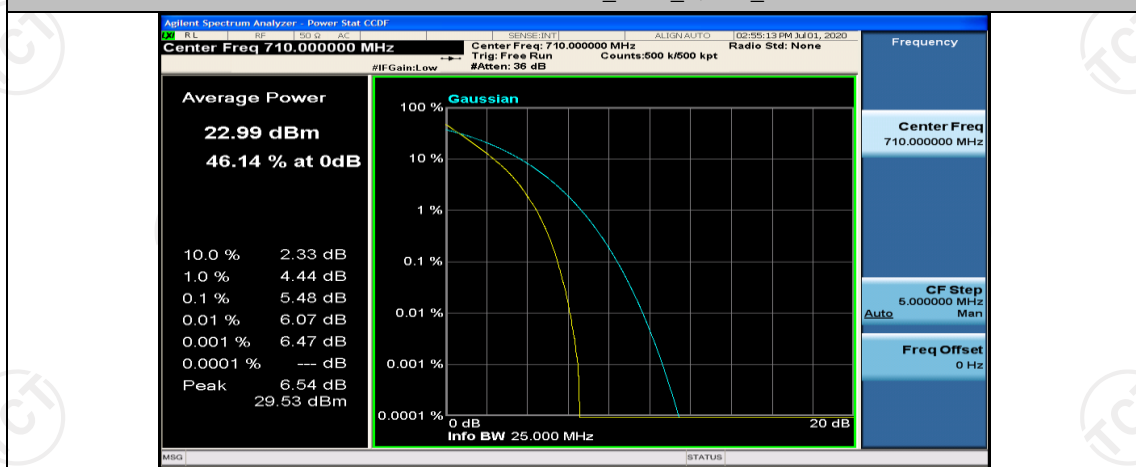
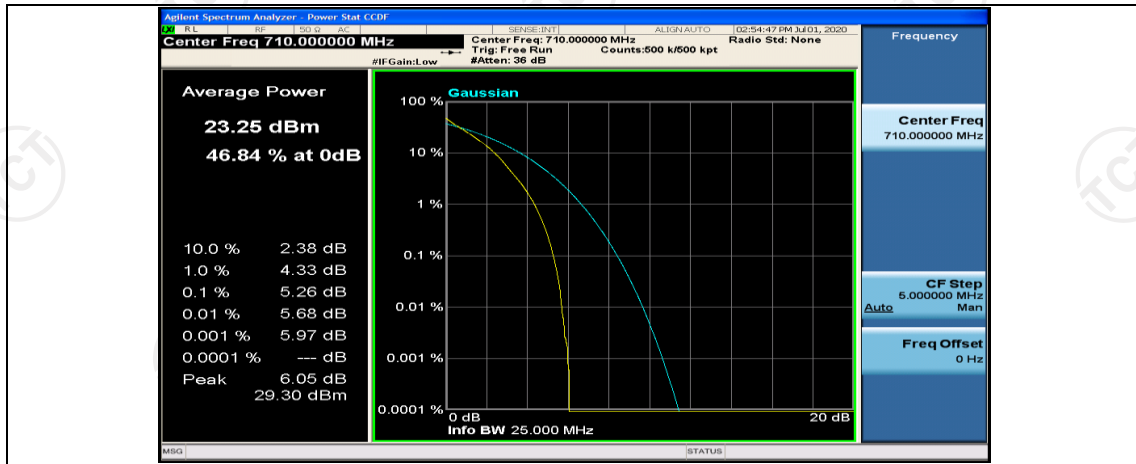


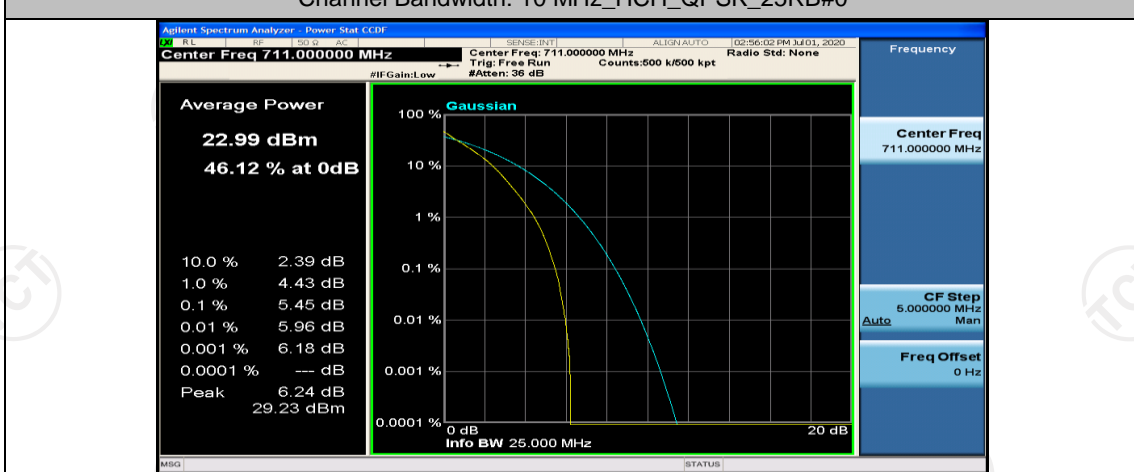
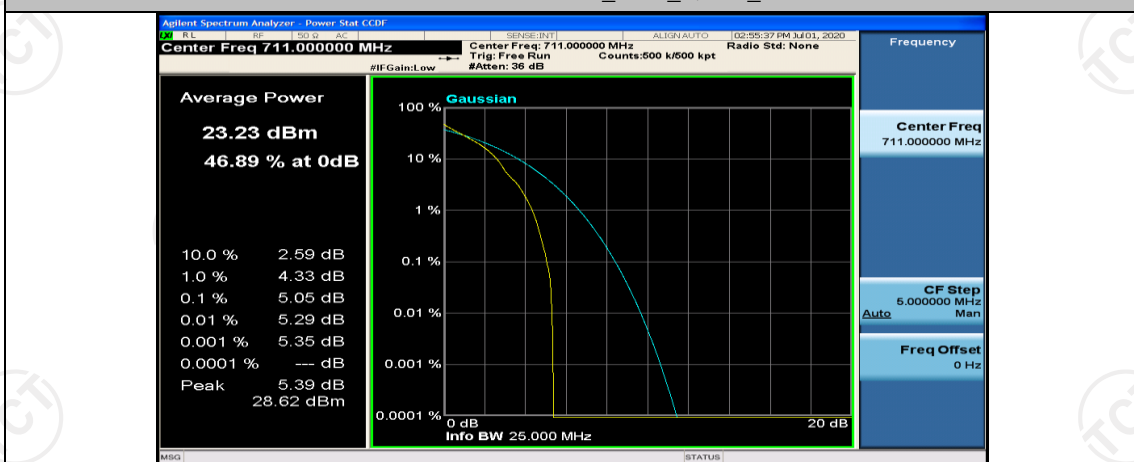
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

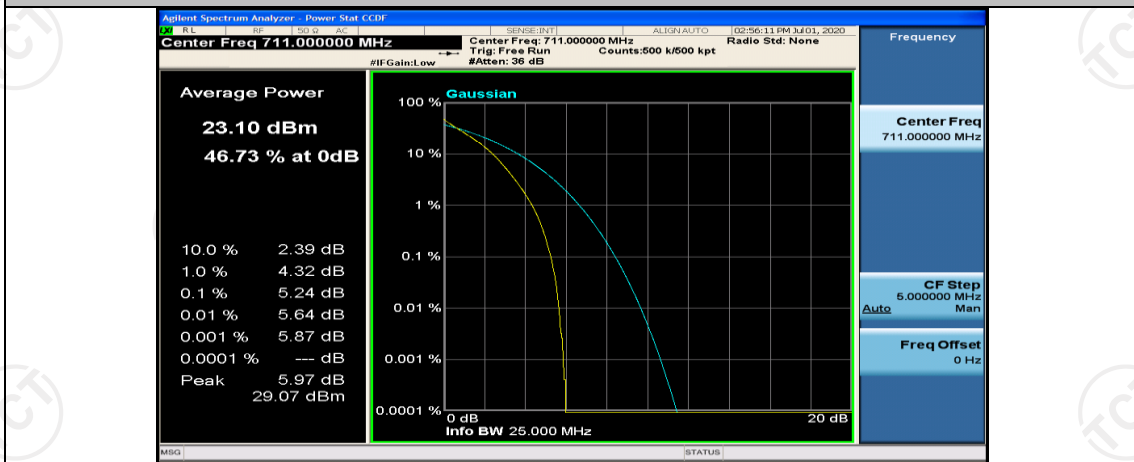




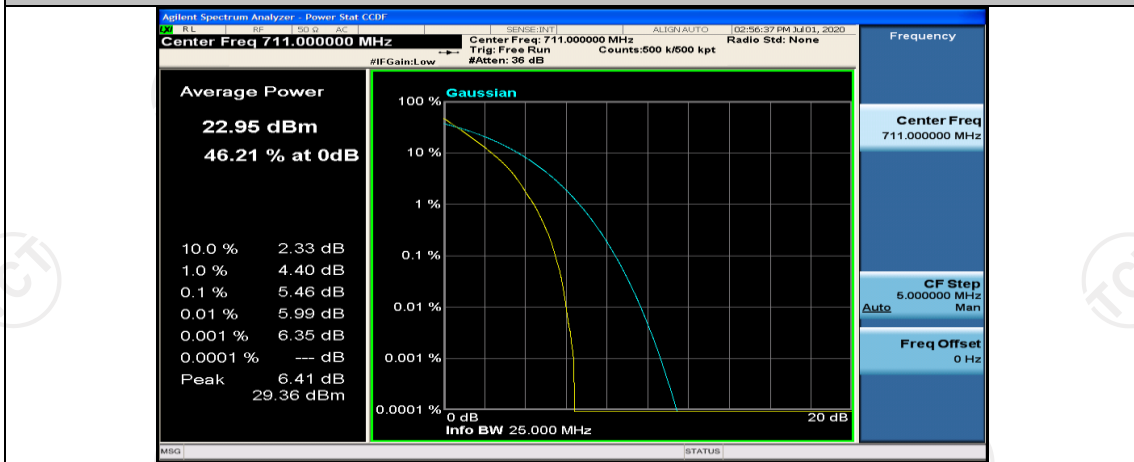




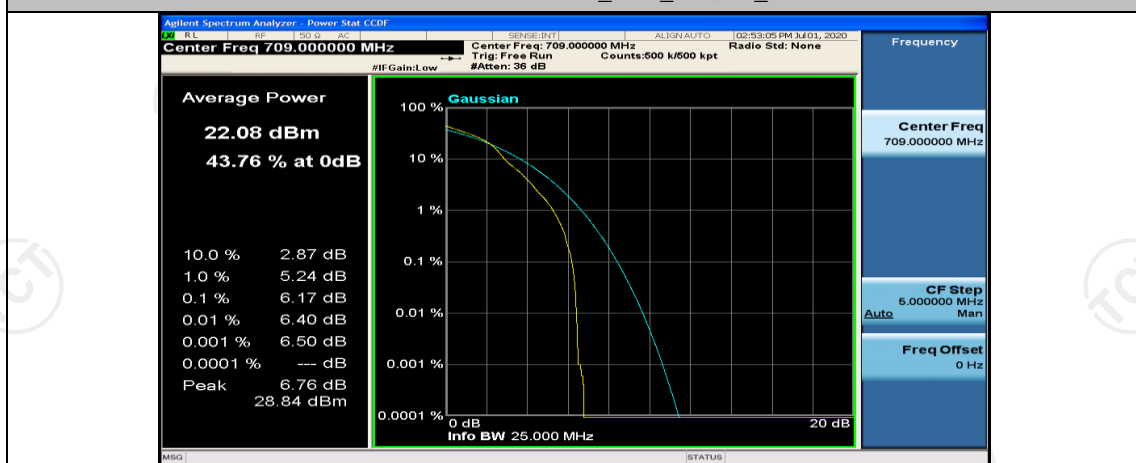
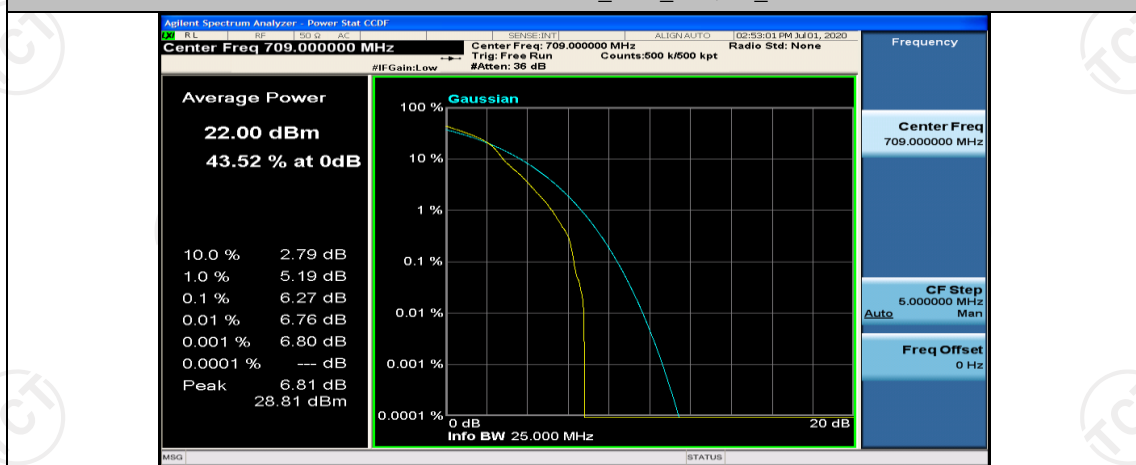
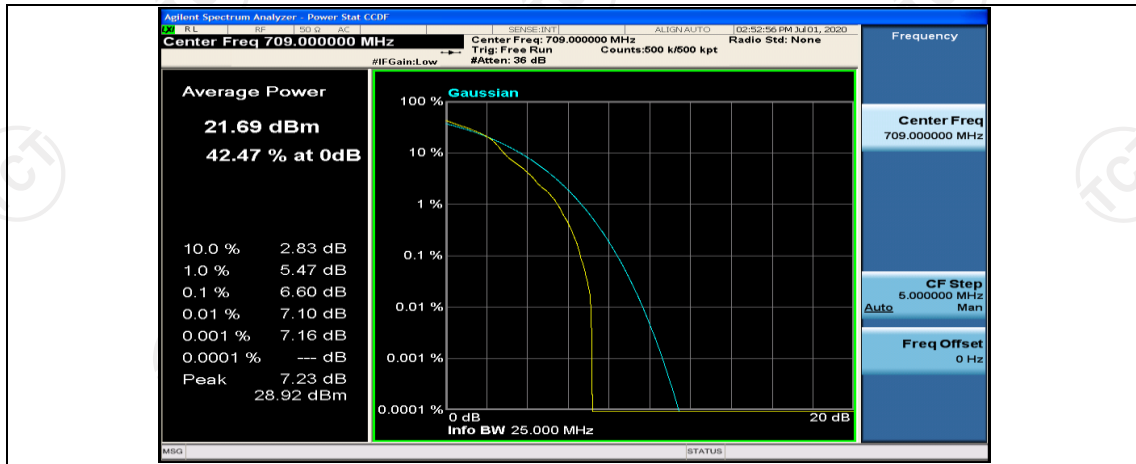
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

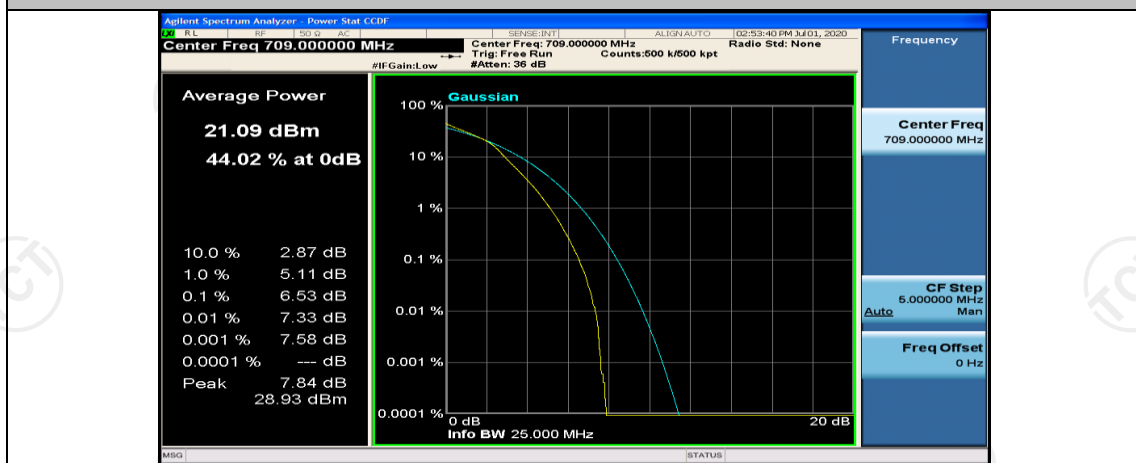
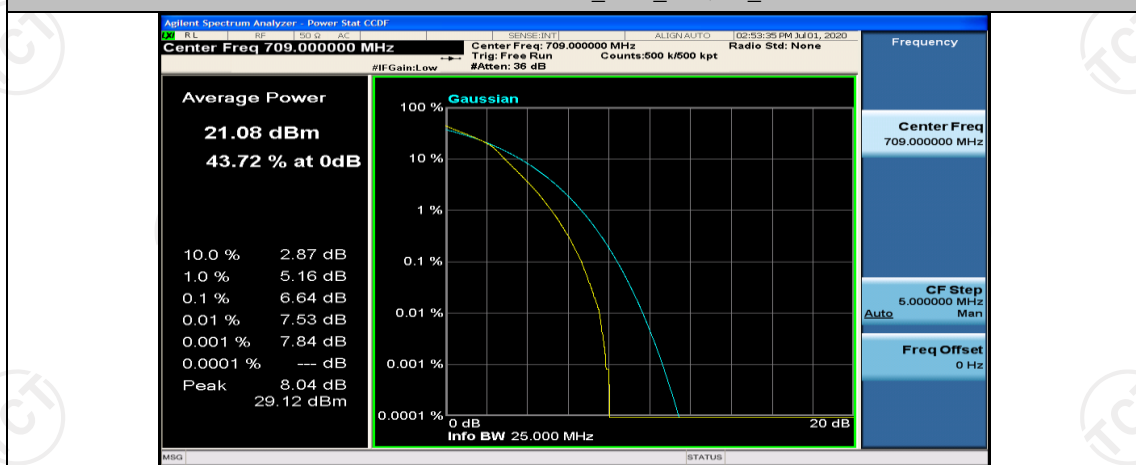
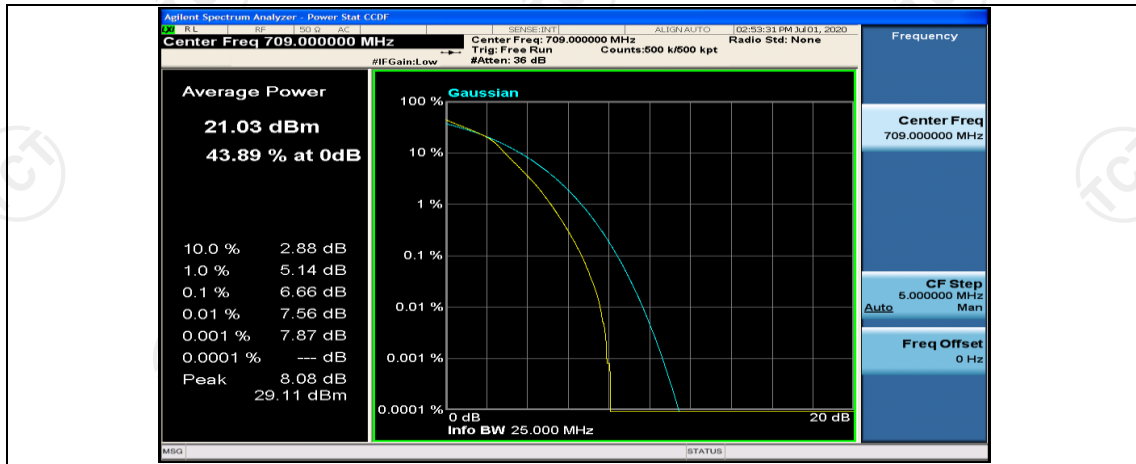


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



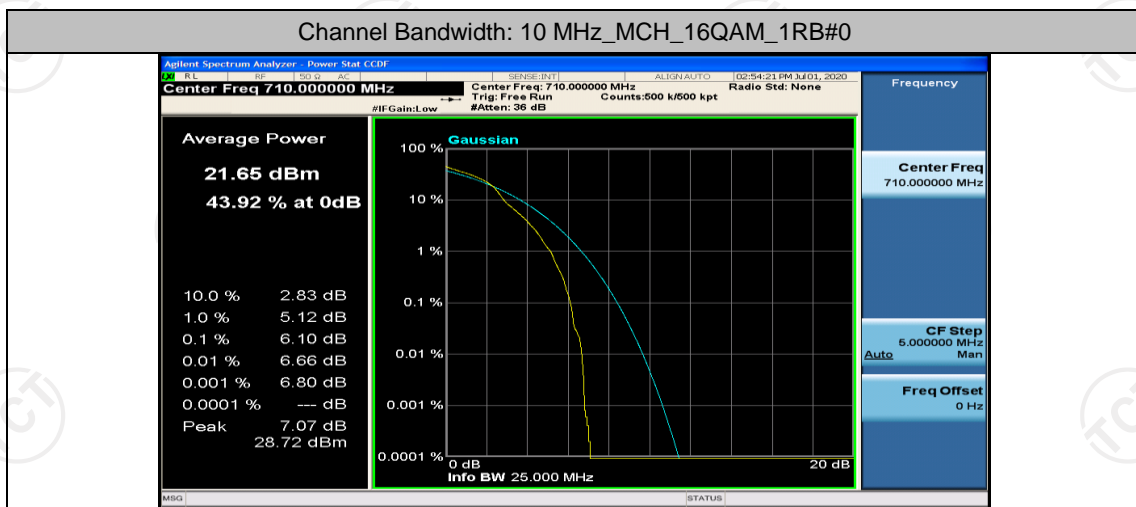
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



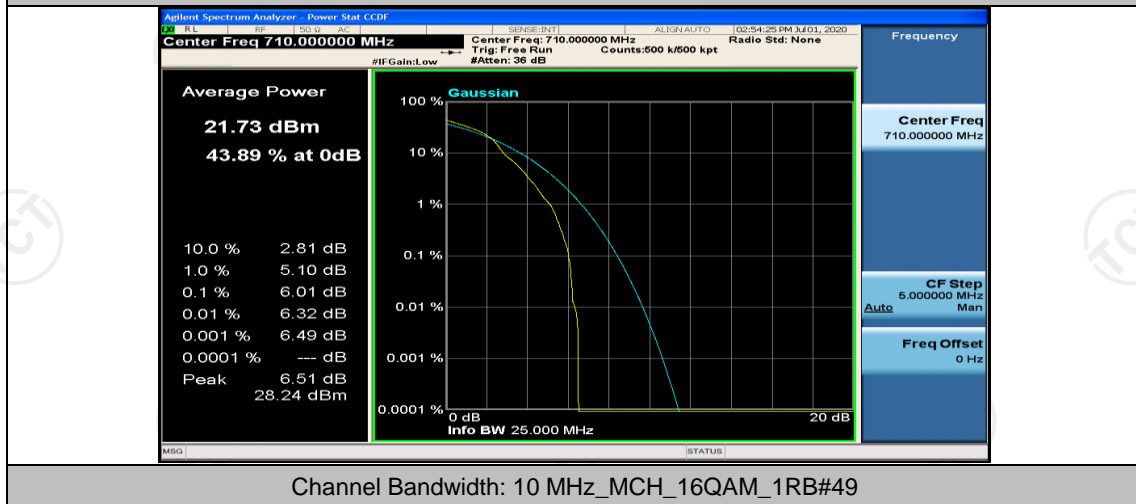




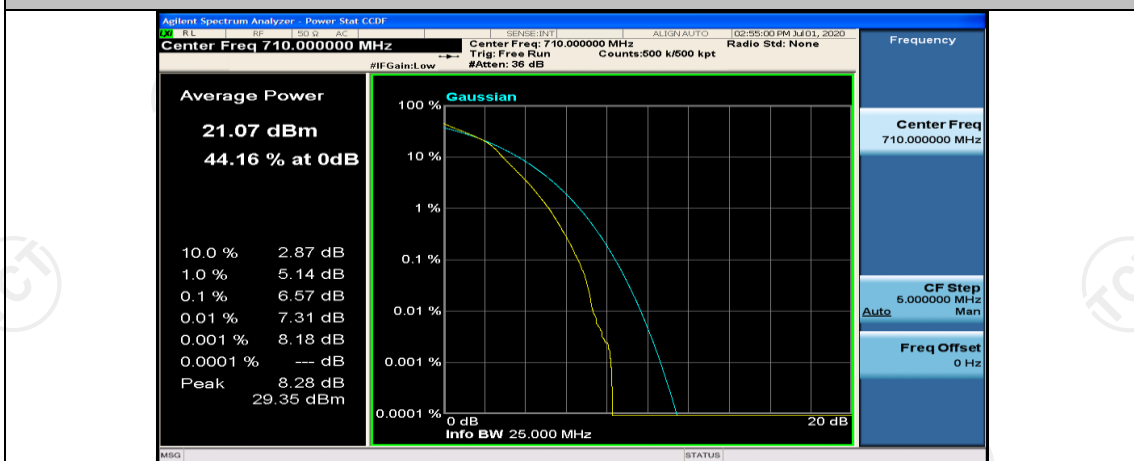
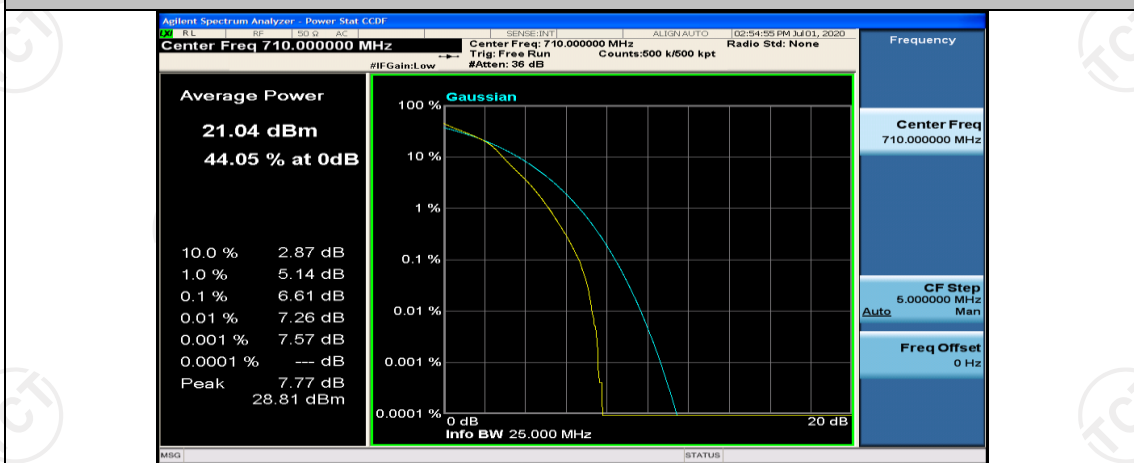
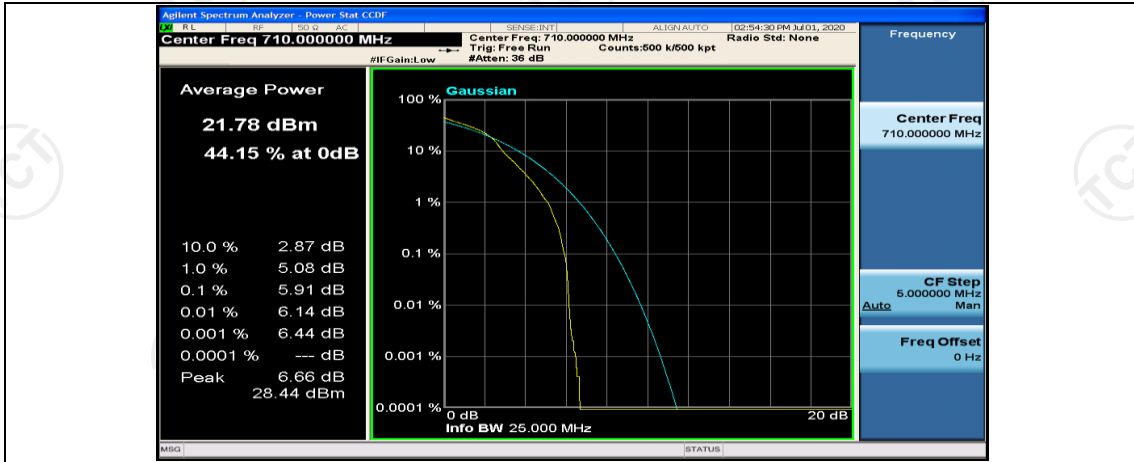
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

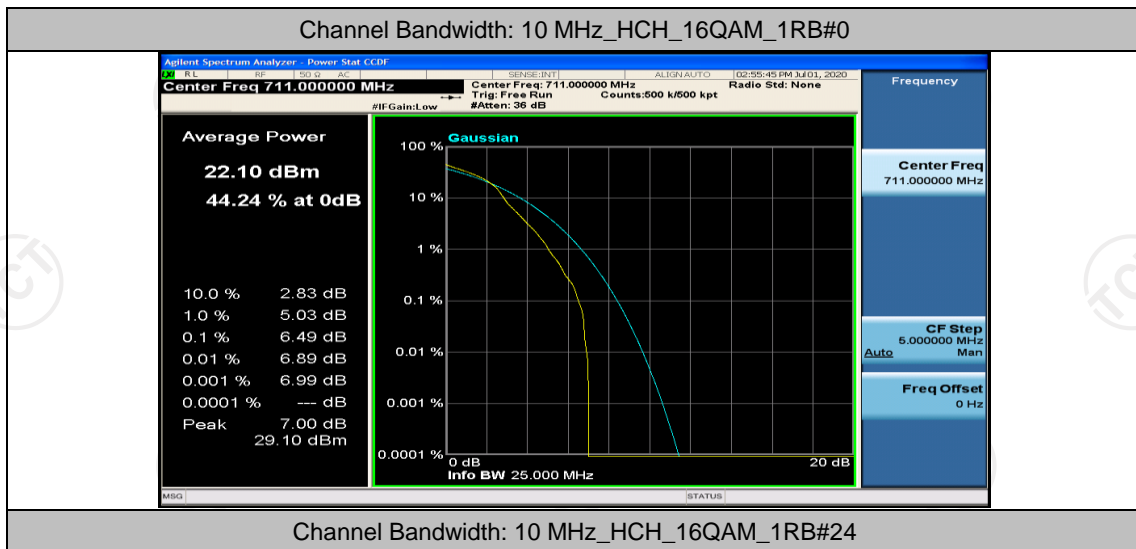
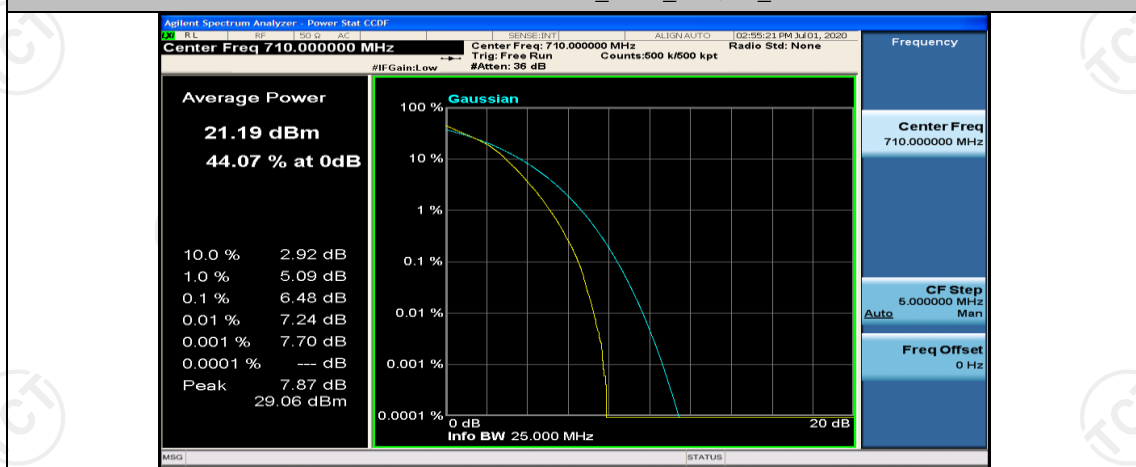


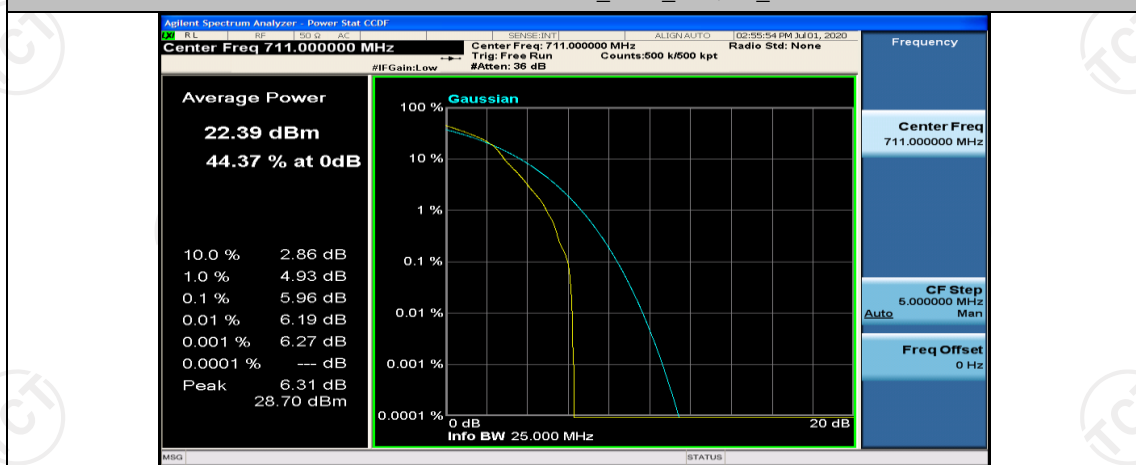
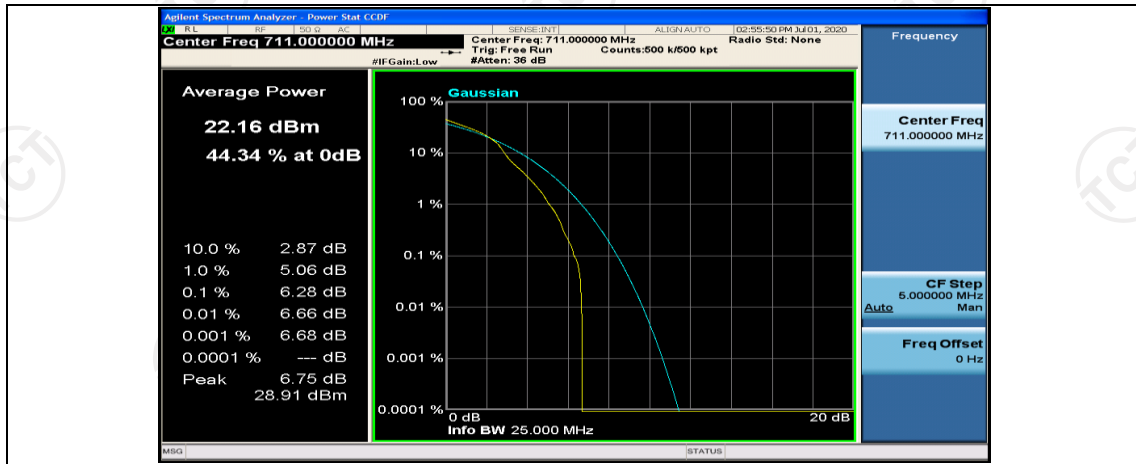
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

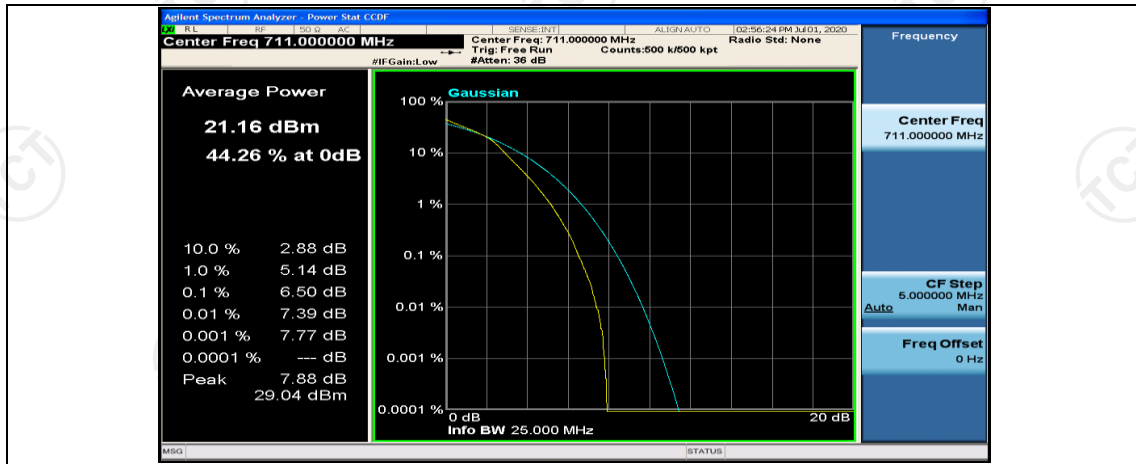


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

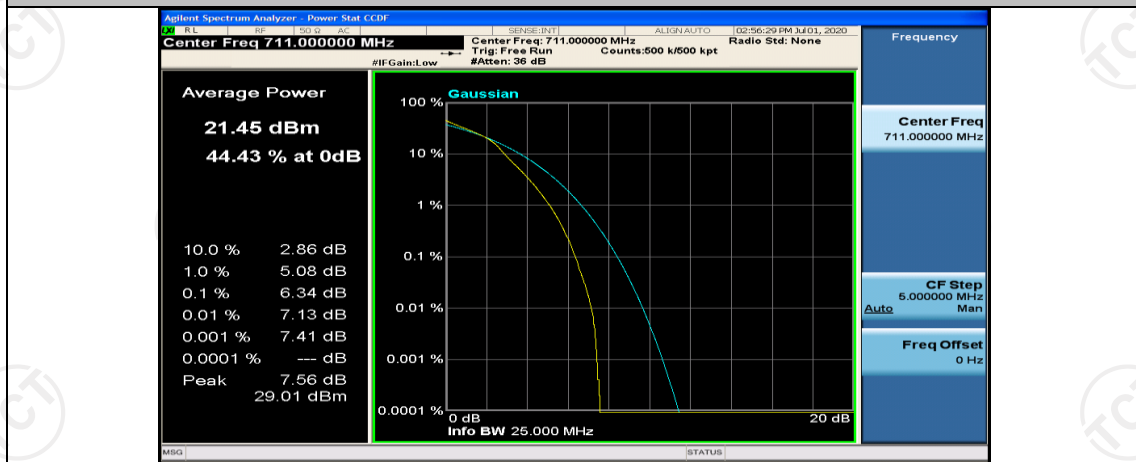




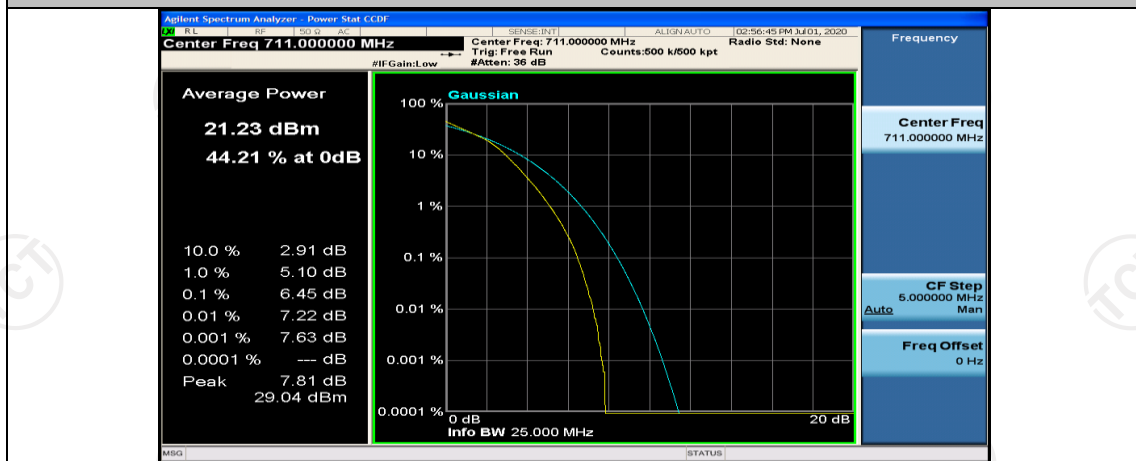




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

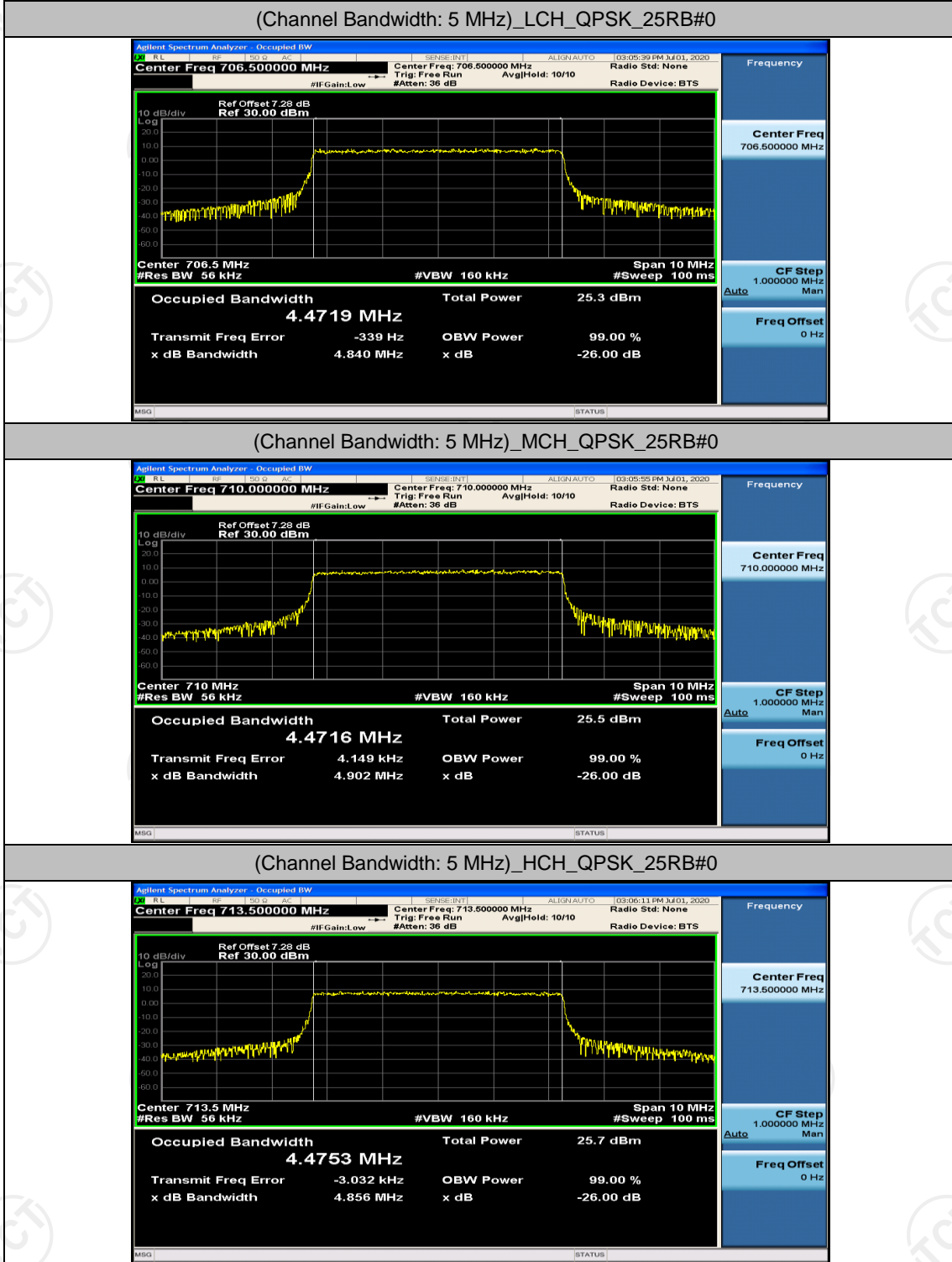
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4719	4.840	PASS
	MCH	25	0	4.4716	4.902	PASS
	HCH	25	0	4.4753	4.856	PASS
16QAM	LCH	25	0	4.4731	4.837	PASS
	MCH	25	0	4.4730	4.898	PASS
	HCH	25	0	4.4686	4.815	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9443	9.410	PASS
	MCH	50	0	8.9361	9.522	PASS
	HCH	50	0	8.9224	9.463	PASS
16QAM	LCH	50	0	8.9249	9.479	PASS
	MCH	50	0	8.9359	9.529	PASS
	HCH	50	0	8.9308	9.482	PASS

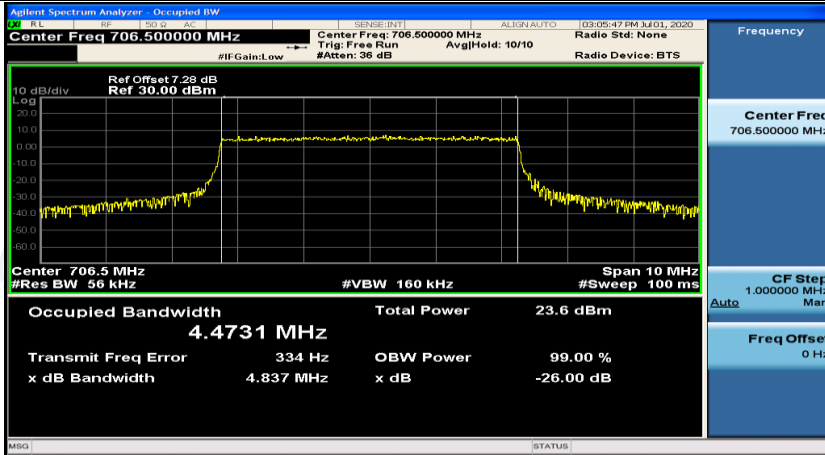
Test Graphs

Channel Bandwidth: 5 MHz

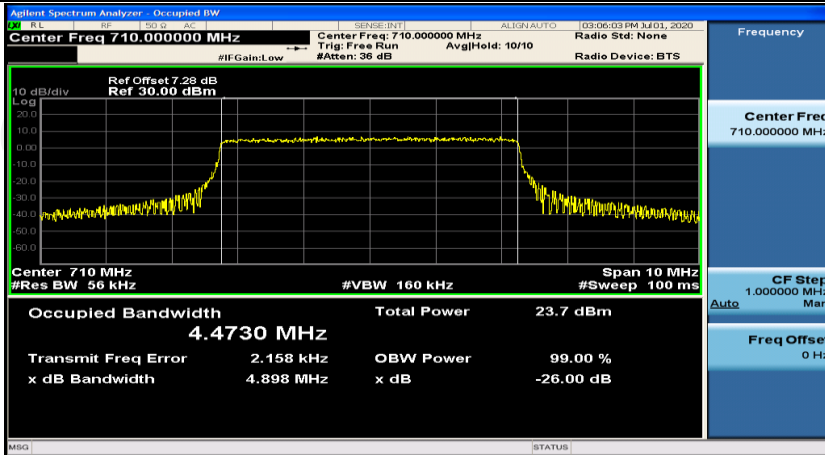




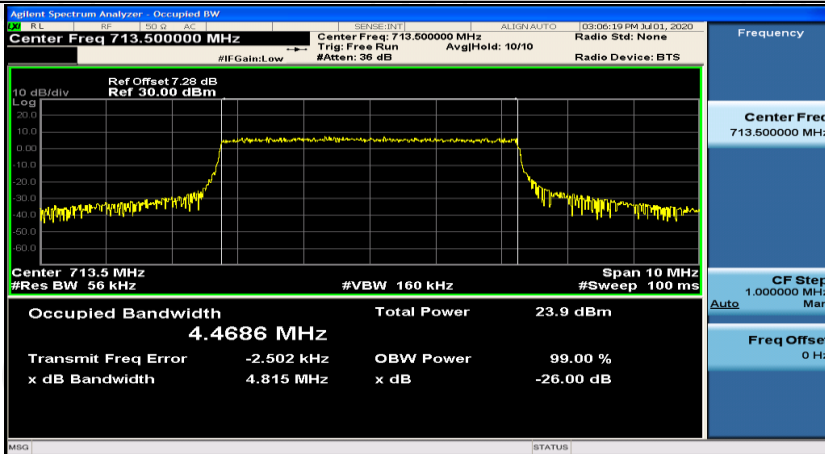
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

