

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.57	21.42	PASS
		1	12	23.47	21.32	PASS
		1	24	23.64	21.49	PASS
		12	0	22.59	20.44	PASS
		12	6	22.59	20.44	PASS
		12	13	22.36	20.21	PASS
		25	0	22.43	20.28	PASS
	MCH	1	0	23.44	21.29	PASS
		1	12	23.51	21.36	PASS
		1	24	23.75	21.60	PASS
		12	0	22.46	20.31	PASS
		12	6	22.46	20.31	PASS
		12	13	22.63	20.48	PASS
		25	0	22.38	20.23	PASS
	HCH	1	0	23.60	21.45	PASS
		1	12	23.65	21.50	PASS
		1	24	23.58	21.43	PASS
		12	0	22.38	20.23	PASS
		12	6	22.48	20.33	PASS
		12	13	22.60	20.45	PASS
		25	0	22.42	20.27	PASS
16QAM	LCH	1	0	22.21	20.06	PASS
		1	12	22.16	20.01	PASS
		1	24	22.51	20.36	PASS
		12	0	21.46	19.31	PASS
		12	6	21.37	19.22	PASS
		12	13	21.29	19.14	PASS
		25	0	21.52	19.37	PASS
	MCH	1	0	22.11	19.96	PASS
		1	12	22.52	20.37	PASS
		1	24	22.81	20.66	PASS
		12	0	21.19	19.04	PASS
		12	6	21.20	19.05	PASS
		12	13	21.30	19.15	PASS

	HCH	25	0	21.55	19.40	PASS
		1	0	21.91	19.76	PASS
		1	12	22.25	20.10	PASS
		1	24	22.33	20.18	PASS
		12	0	21.21	19.06	PASS
		12	6	21.21	19.06	PASS
		12	13	21.26	19.11	PASS
		25	0	21.38	19.23	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.50	21.35	PASS
		1	24	23.46	21.31	PASS
		1	49	23.61	21.46	PASS
		25	0	22.48	20.33	PASS
		25	12	22.48	20.33	PASS
		25	25	22.65	20.50	PASS
		50	0	22.44	20.29	PASS
	MCH	1	0	23.48	21.33	PASS
		1	24	23.47	21.32	PASS
		1	49	23.63	21.48	PASS
		25	0	22.48	20.33	PASS
		25	12	22.48	20.33	PASS
		25	25	22.65	20.50	PASS
		50	0	22.44	20.29	PASS
	HCH	1	0	23.75	21.60	PASS
		1	24	23.74	21.59	PASS
		1	49	23.58	21.43	PASS
		25	0	22.49	20.34	PASS
		25	12	22.48	20.33	PASS
		25	25	22.65	20.50	PASS
		50	0	22.44	20.29	PASS
16QAM	LCH	1	0	22.02	19.87	PASS
		1	24	22.11	19.96	PASS
		1	49	22.45	20.30	PASS
		25	0	21.38	19.23	PASS
		25	12	21.38	19.23	PASS
		25	25	21.46	19.31	PASS
		50	0	21.42	19.27	PASS

	MCH	1	0	22.37	20.22	PASS
		1	24	22.65	20.50	PASS
		1	49	23.04	20.89	PASS
		25	0	21.27	19.12	PASS
		25	12	21.38	19.23	PASS
		25	25	21.47	19.32	PASS
		50	0	21.32	19.17	PASS
	HCH	1	0	22.10	19.95	PASS
		1	24	22.31	20.16	PASS
		1	49	22.55	20.40	PASS
		25	0	21.38	19.23	PASS
		25	12	21.39	19.24	PASS
		25	25	21.52	19.37	PASS
		50	0	21.53	19.38	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.06	<13	PASS
		1	12	4.32	<13	PASS
		1	24	4.34	<13	PASS
		12	0	4.7	<13	PASS
		12	6	4.73	<13	PASS
		12	13	4.89	<13	PASS
		25	0	5.08	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.18	<13	PASS
		12	0	4.87	<13	PASS
		12	6	4.88	<13	PASS
		12	13	4.87	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	4.42	<13	PASS
		1	12	4.05	<13	PASS
		1	24	3.76	<13	PASS
		12	0	4.86	<13	PASS
		12	6	4.86	<13	PASS
		12	13	4.59	<13	PASS
		25	0	5	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	12	5.22	<13	PASS
		1	24	5.28	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.79	<13	PASS
		25	0	5.93	<13	PASS
	MCH	1	0	5.23	<13	PASS
		1	12	5.18	<13	PASS
		1	24	4.94	<13	PASS

		12	0	5.8	<13	PASS
		12	6	5.8	<13	PASS
		12	13	5.83	<13	PASS
		25	0	6.04	<13	PASS
	HCH	1	0	5.46	<13	PASS
		1	12	5.24	<13	PASS
		1	24	4.9	<13	PASS
		12	0	5.85	<13	PASS
		12	6	5.87	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.87	<13	PASS

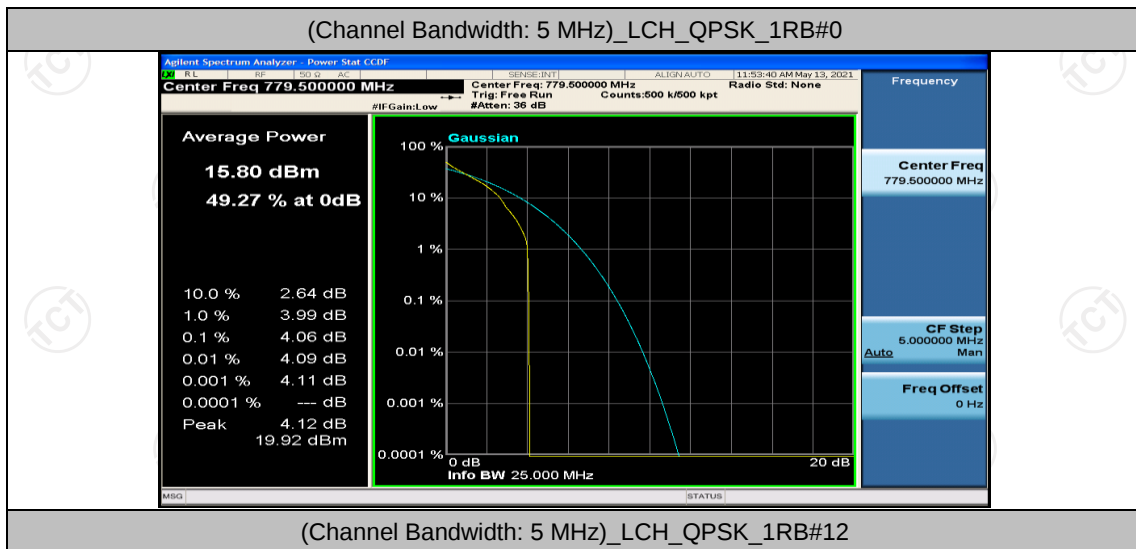
Channel Bandwidth: 10 MHz

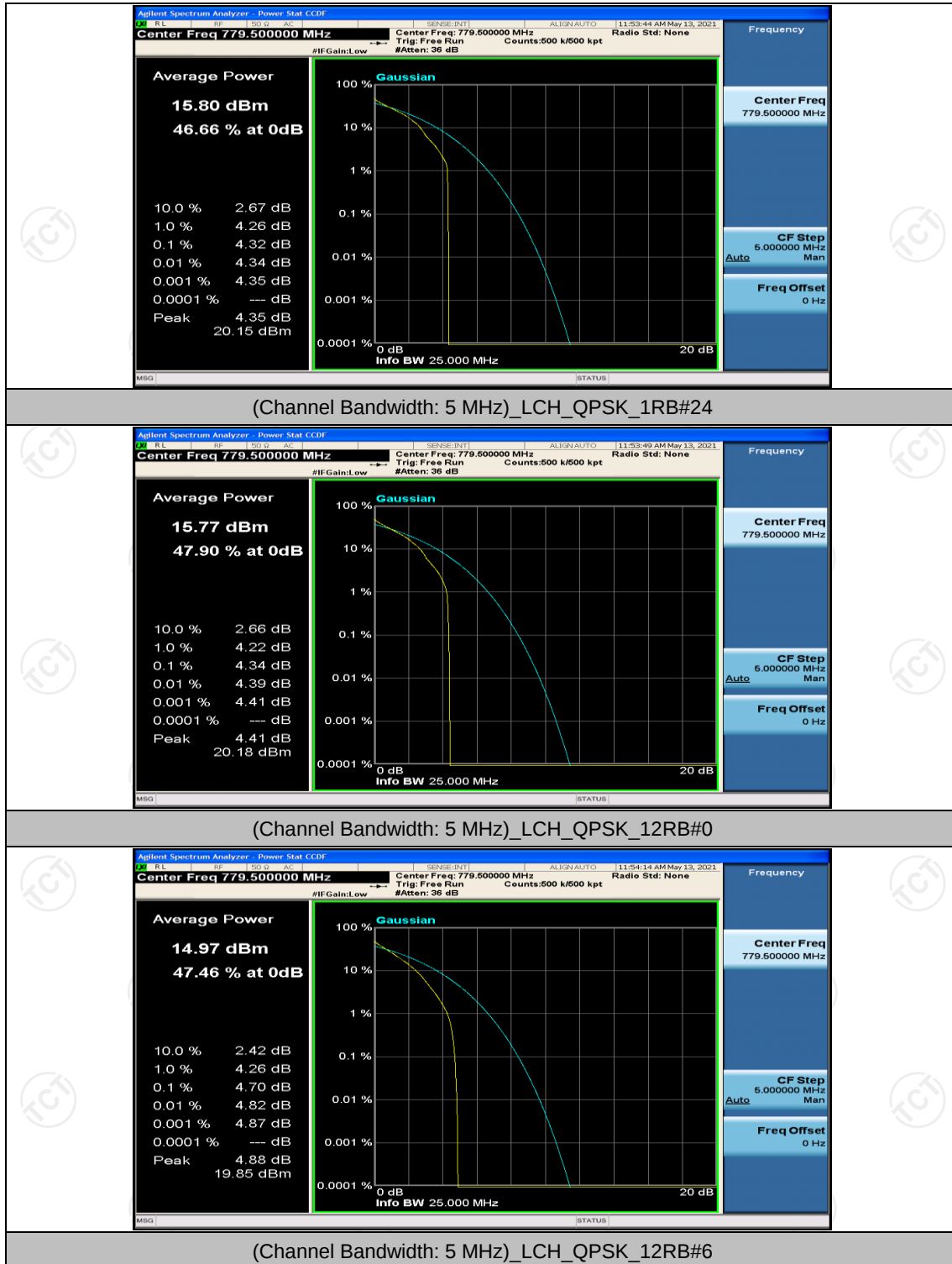
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.03	<13	PASS
		1	24	4.31	<13	PASS
		1	49	3.79	<13	PASS
		25	0	4.82	<13	PASS
		25	12	4.81	<13	PASS
		25	25	4.78	<13	PASS
		50	0	5.03	<13	PASS
		50	0	5.03	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	24	4.36	<13	PASS
		1	49	3.66	<13	PASS
		25	0	4.82	<13	PASS
		25	12	4.81	<13	PASS
		25	25	4.77	<13	PASS
		50	0	5.02	<13	PASS
		50	0	5.02	<13	PASS
	HCH	1	0	4.03	<13	PASS
		1	24	4.37	<13	PASS
		1	49	3.78	<13	PASS
		25	0	4.79	<13	PASS
		25	12	4.8	<13	PASS
		25	25	4.79	<13	PASS
		50	0	5.02	<13	PASS
		50	0	5.02	<13	PASS
16QAM	LCH	1	0	5	<13	PASS
		1	24	5.26	<13	PASS
		1	49	4.69	<13	PASS
		25	0	5.73	<13	PASS

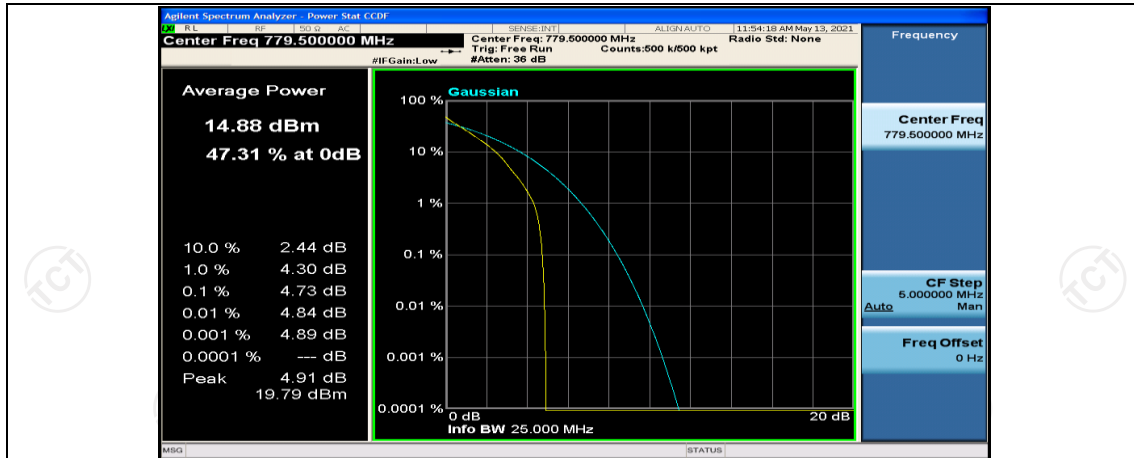
		25	12	5.71	<13	PASS
		25	25	5.72	<13	PASS
		50	0	5.86	<13	PASS
	MCH	1	0	4.97	<13	PASS
		1	24	5.25	<13	PASS
		1	49	4.74	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.76	<13	PASS
		50	0	5.88	<13	PASS
	HCH	1	0	5	<13	PASS
		1	24	5.21	<13	PASS
		1	49	4.39	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.7	<13	PASS
		50	0	5.92	<13	PASS

Test Graphs

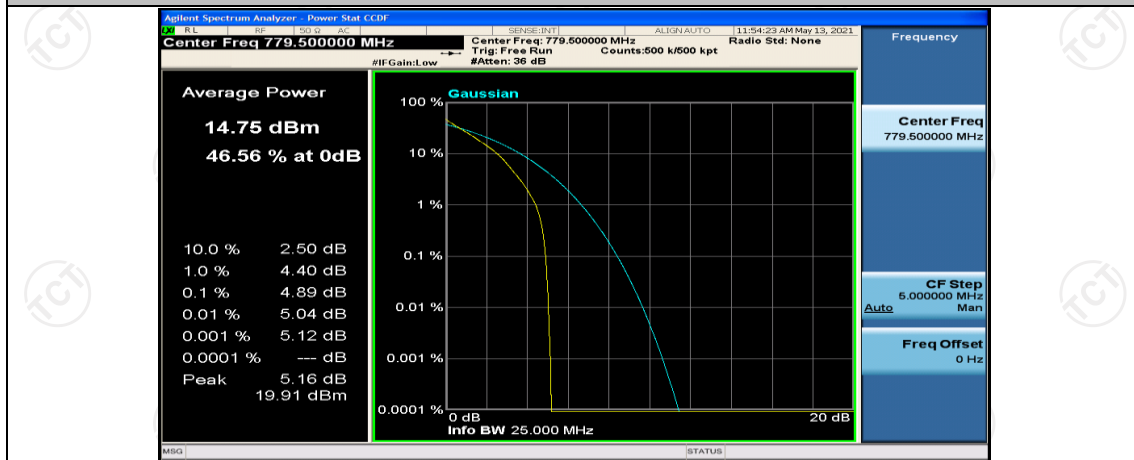
Channel Bandwidth: 5 MHz



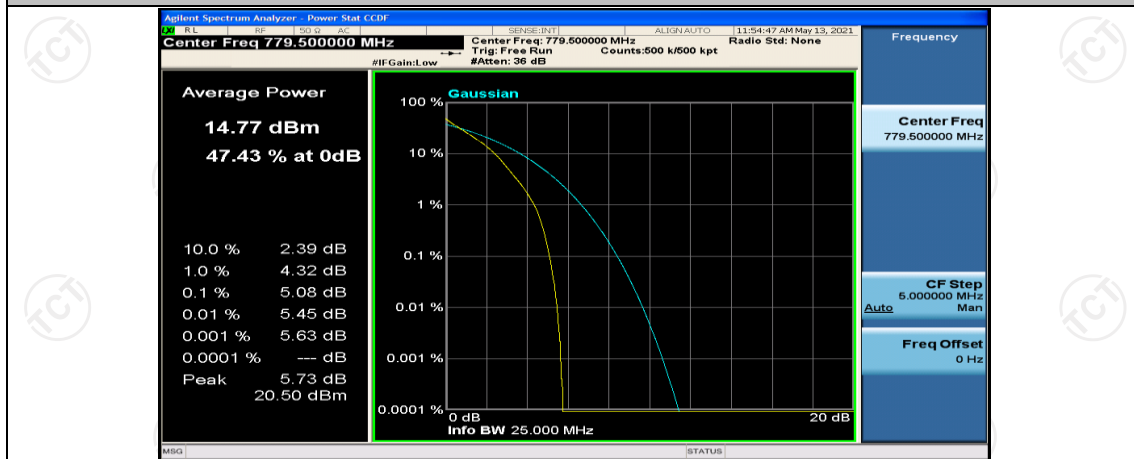




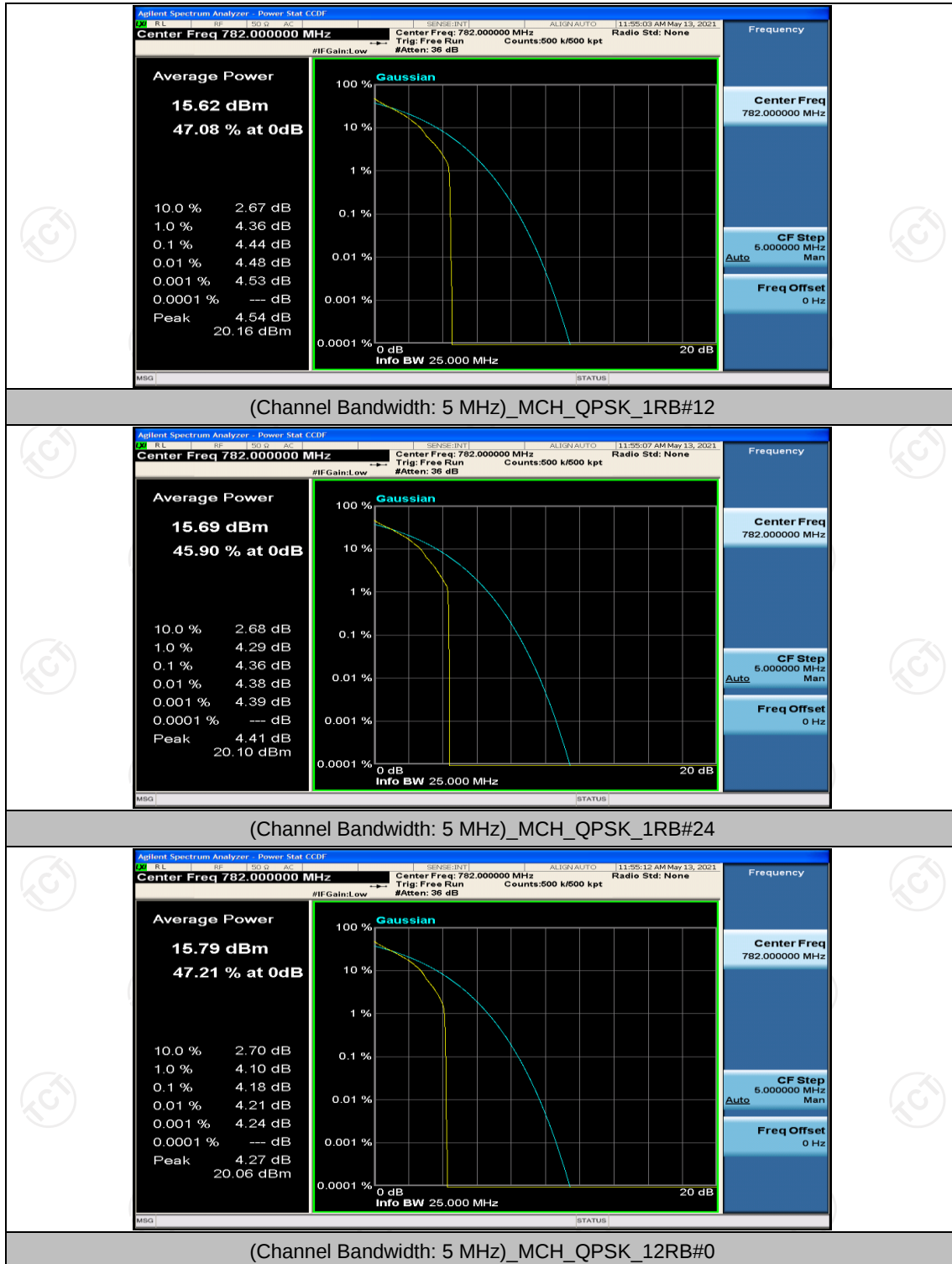
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

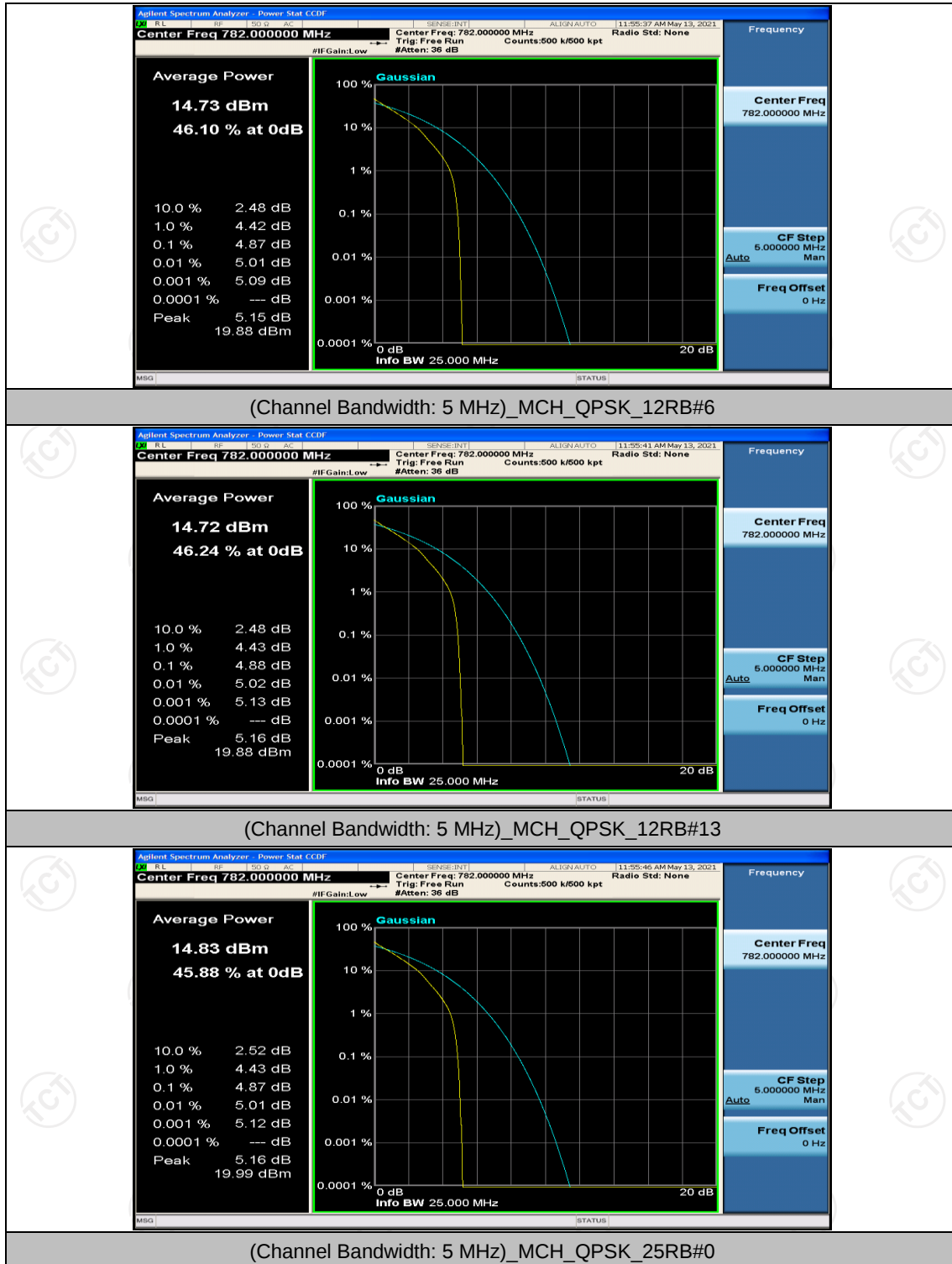


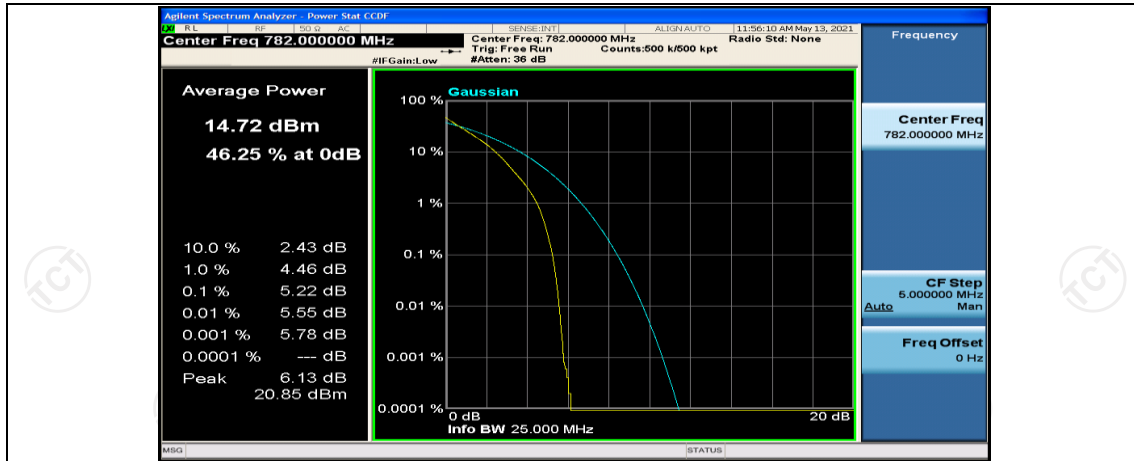
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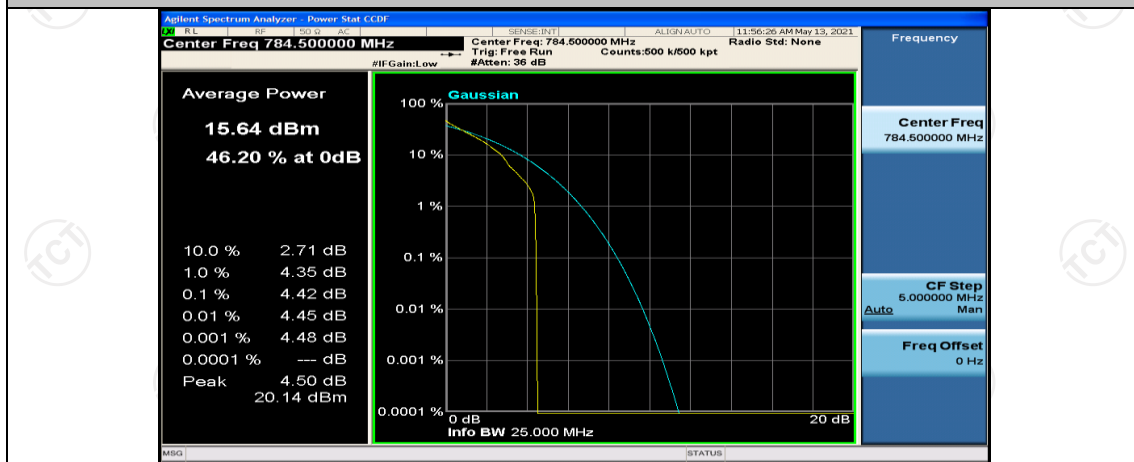
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



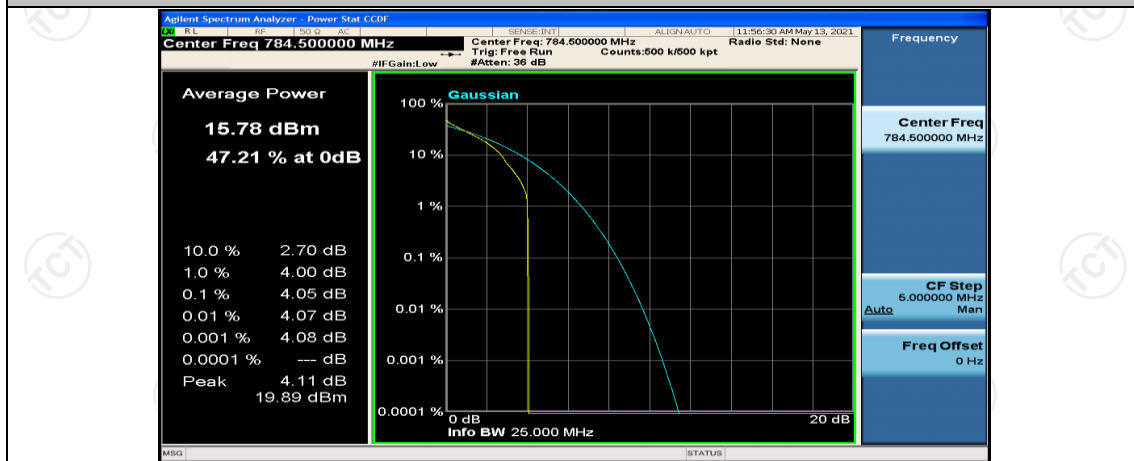




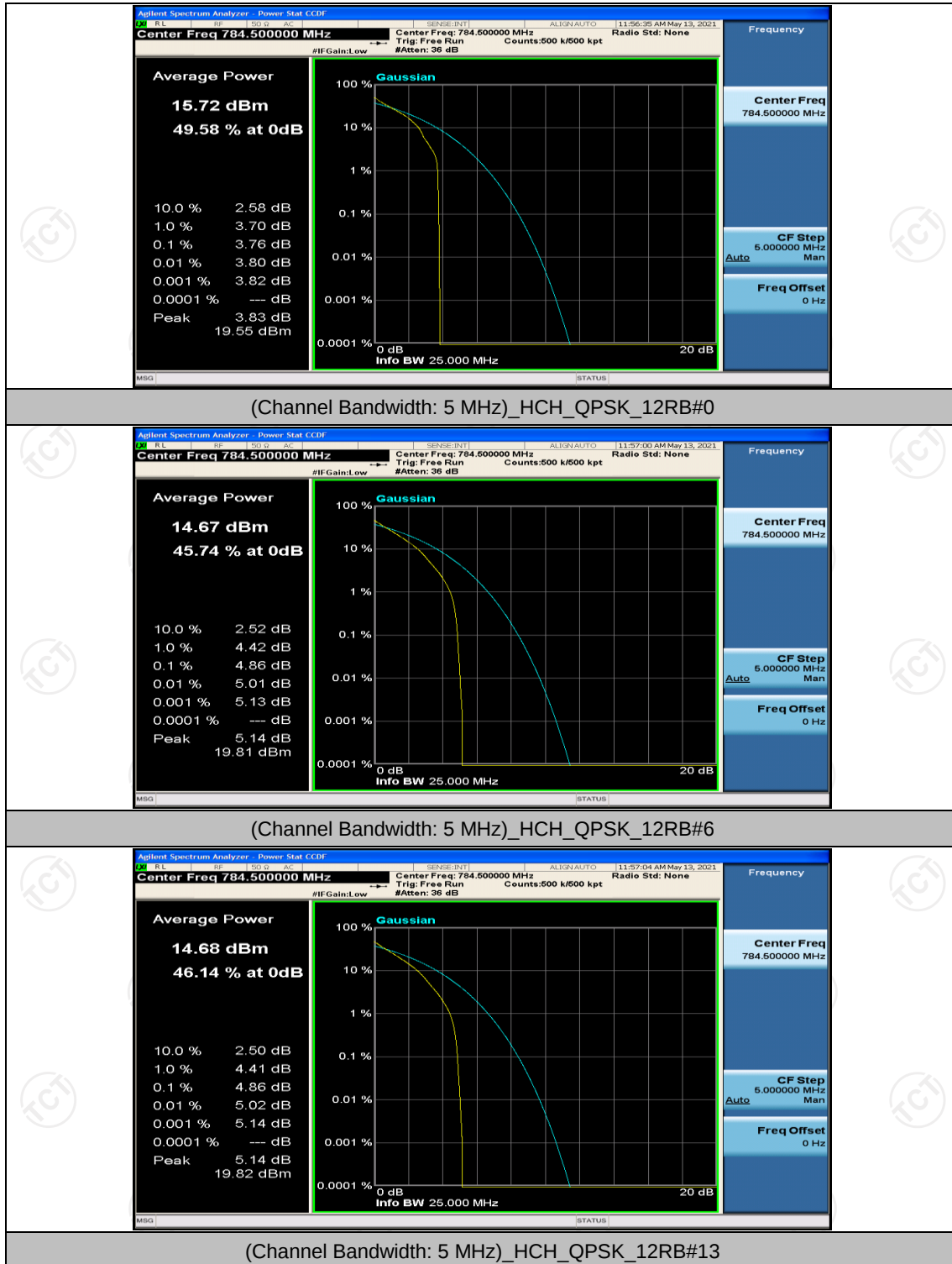
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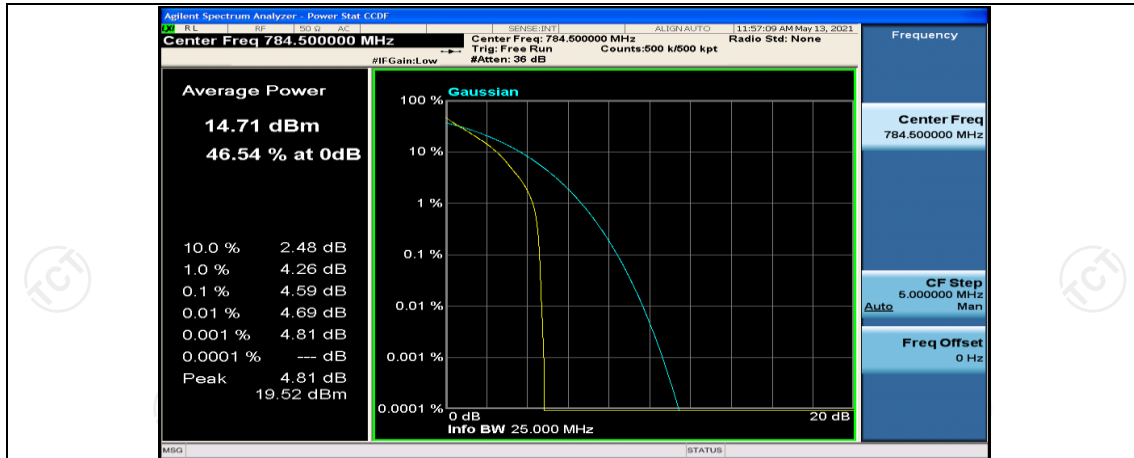


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

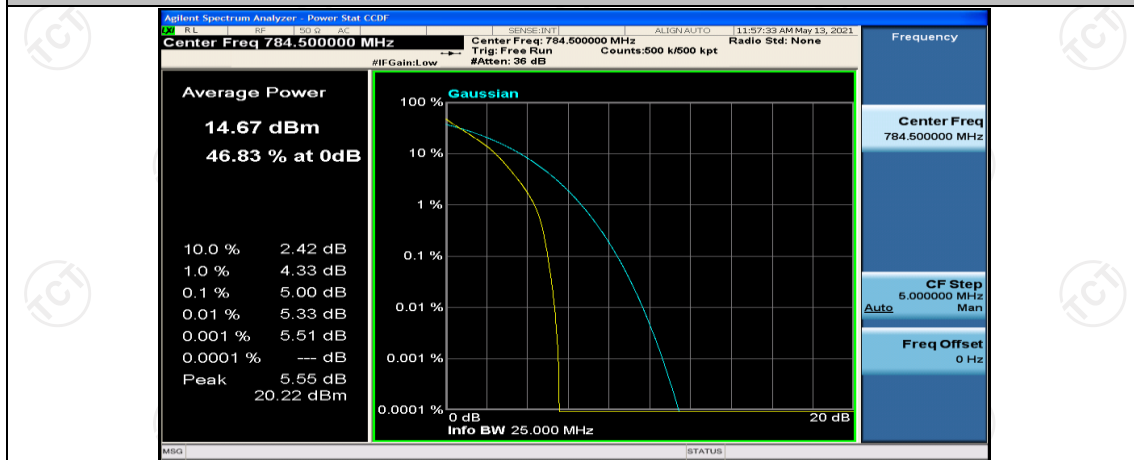


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

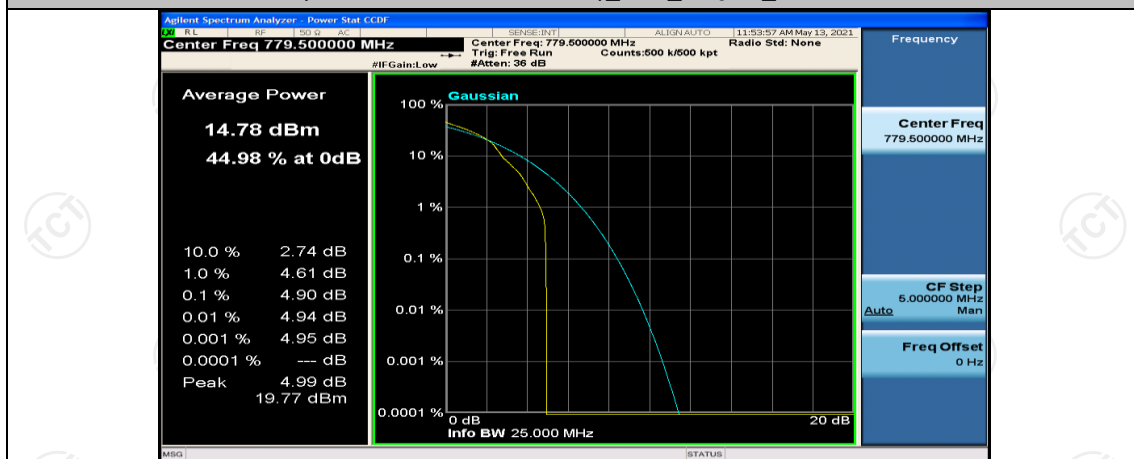




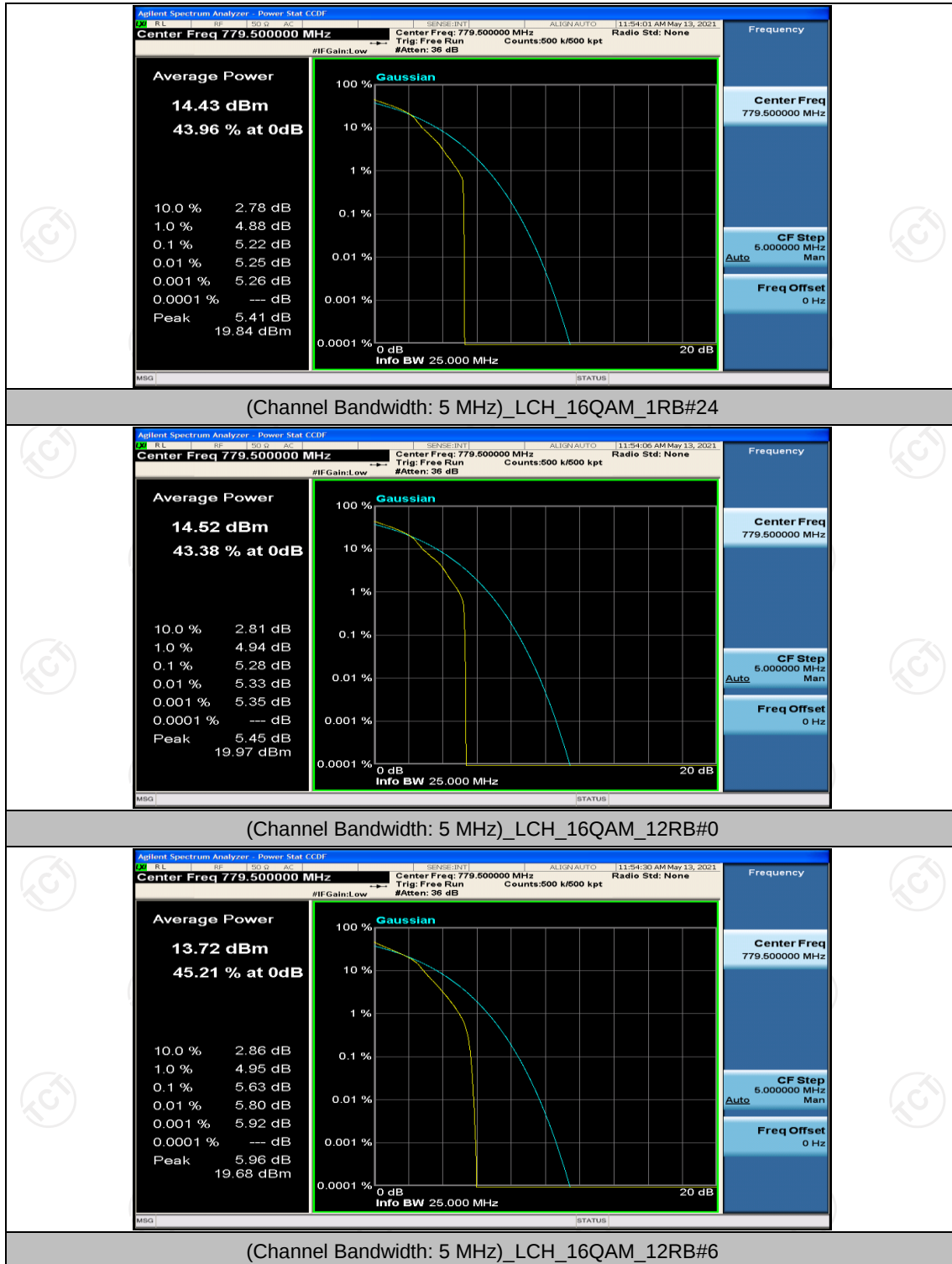
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

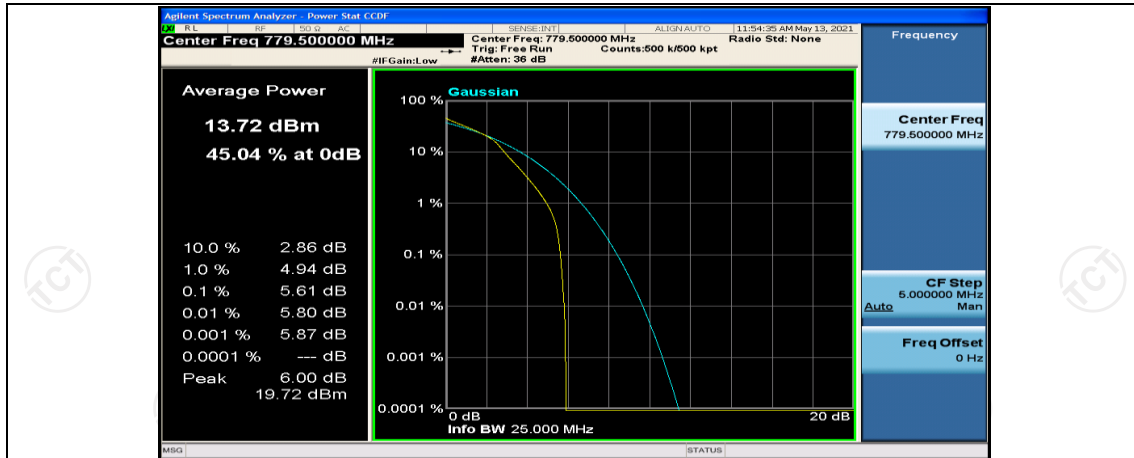


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

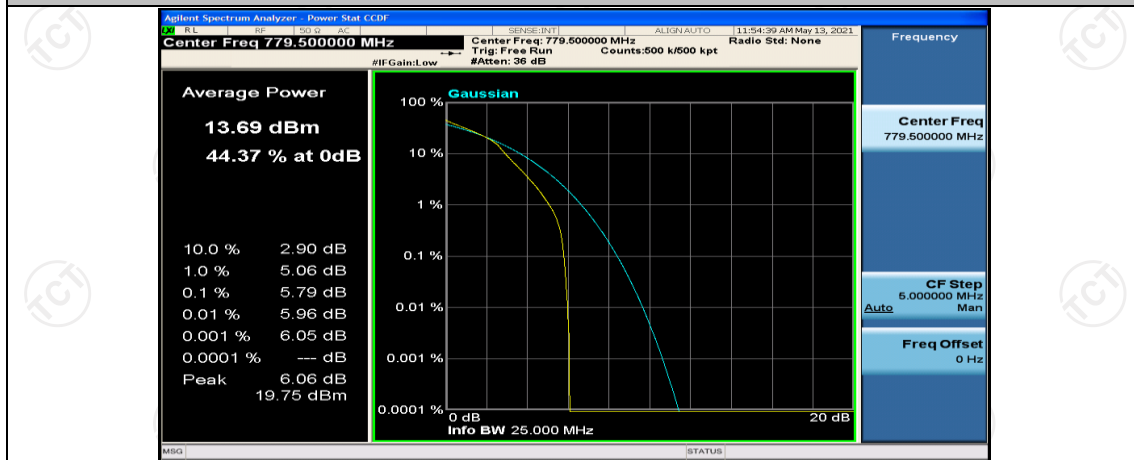


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

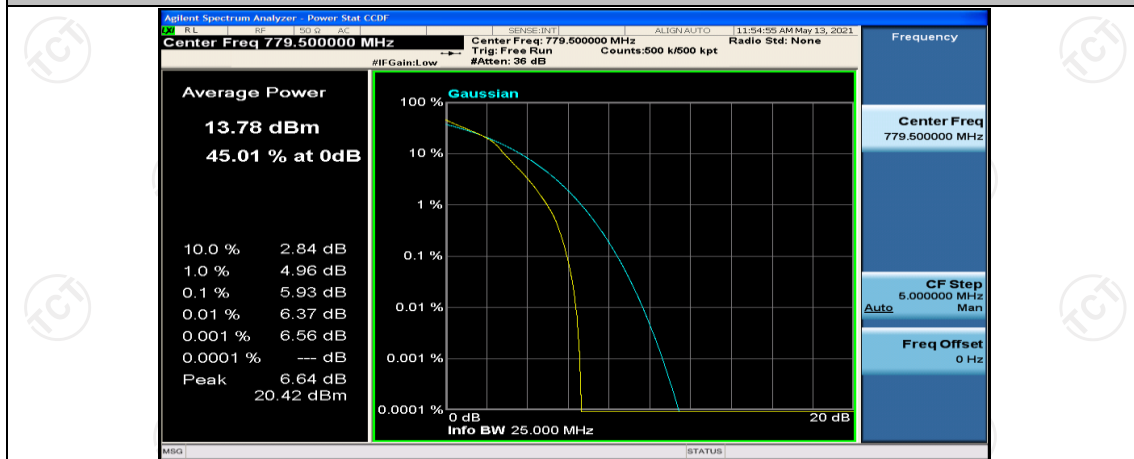




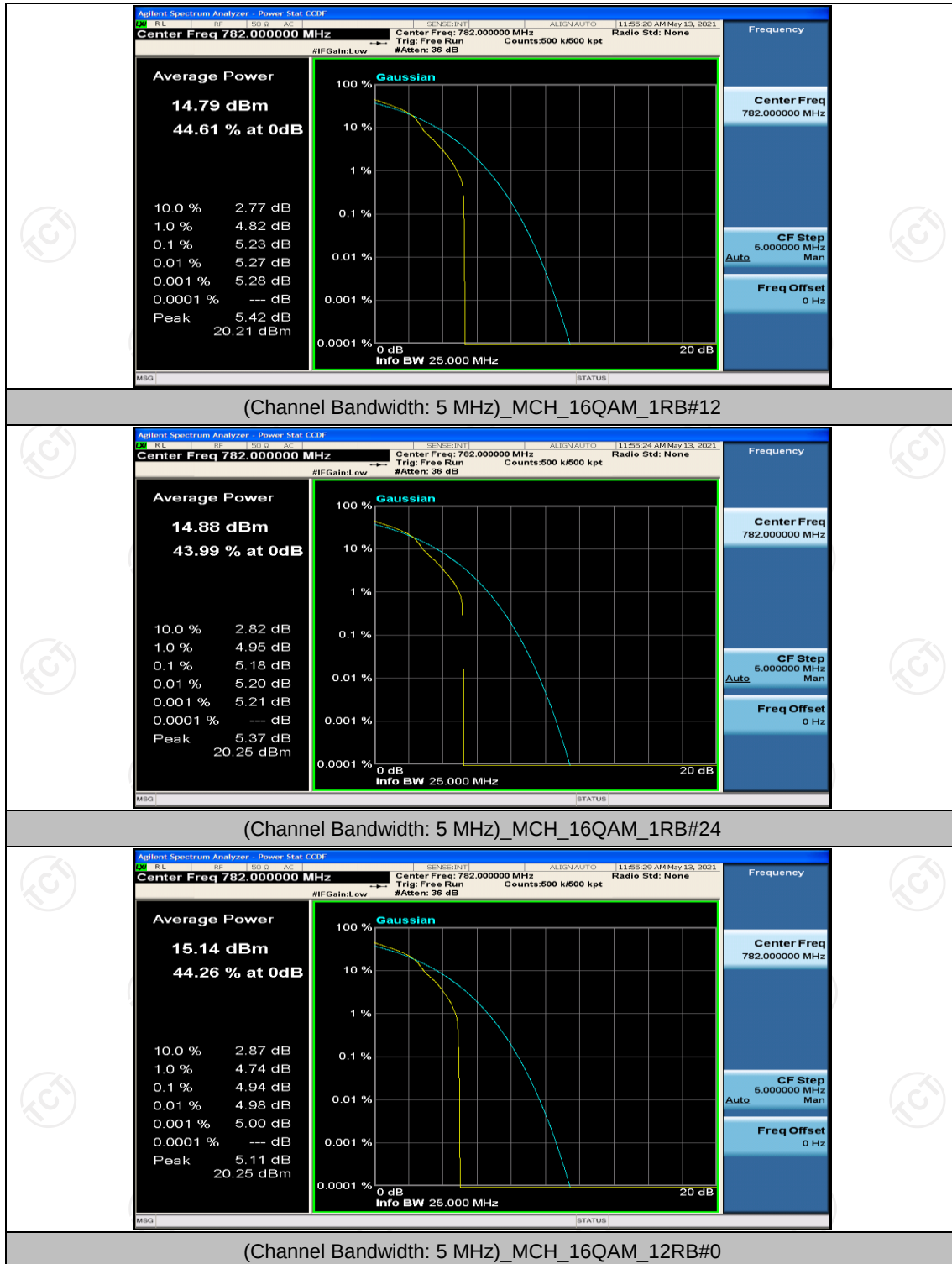
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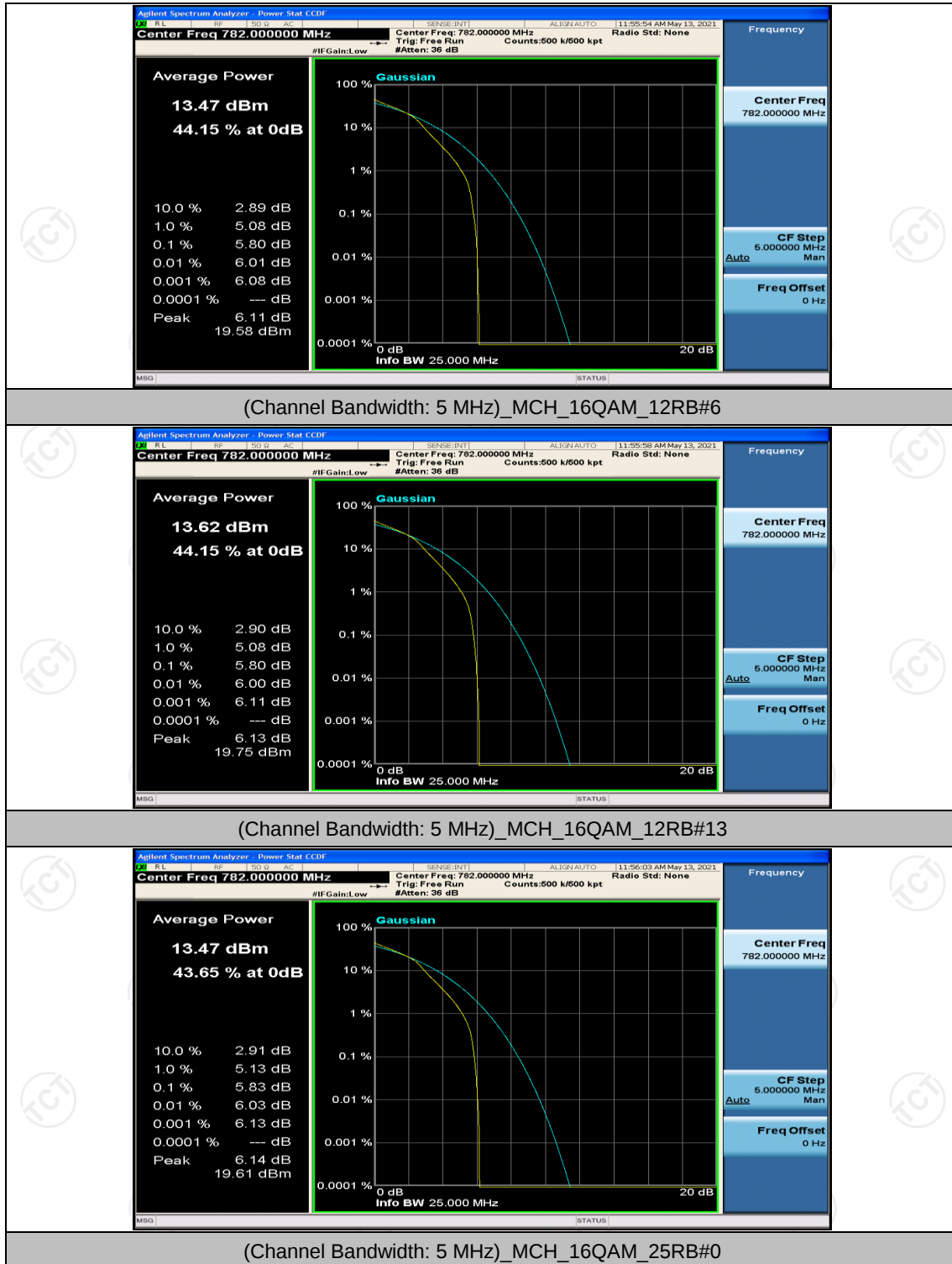


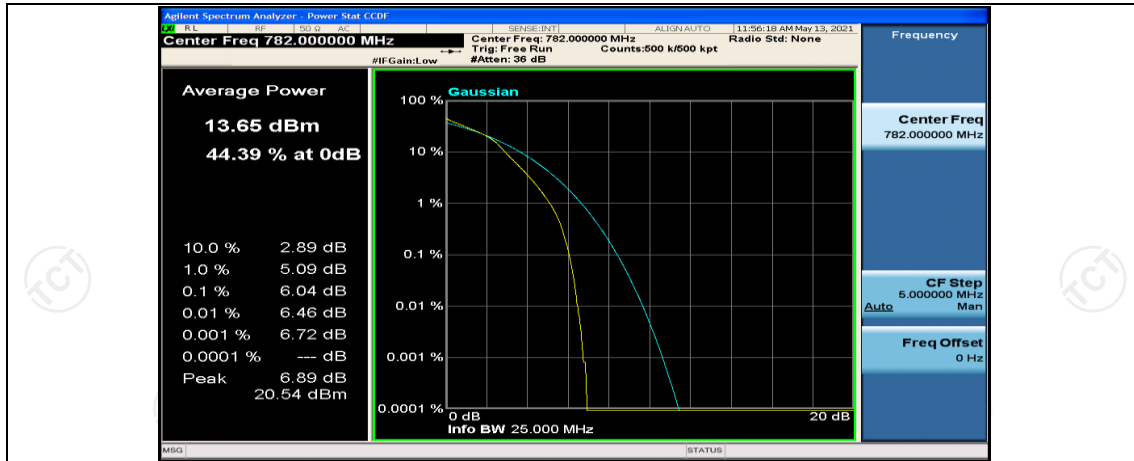
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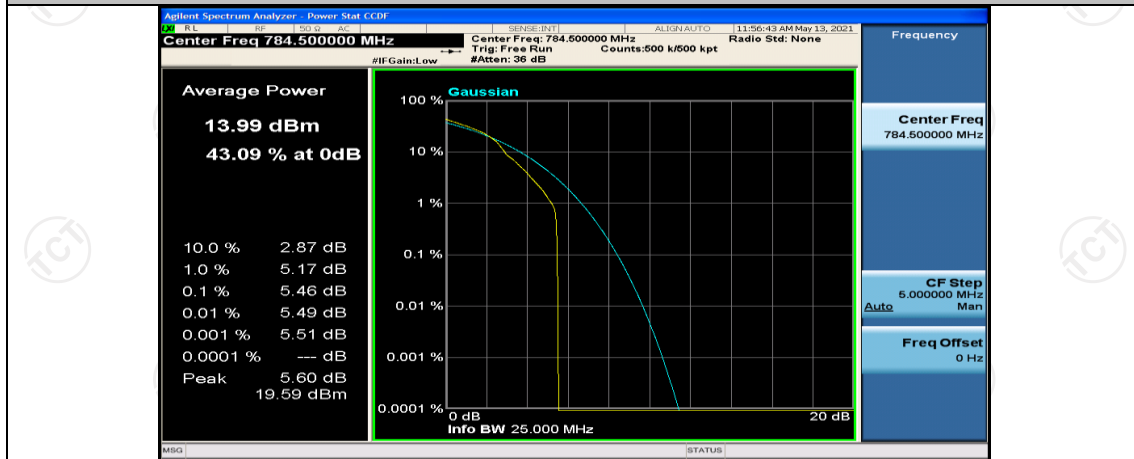
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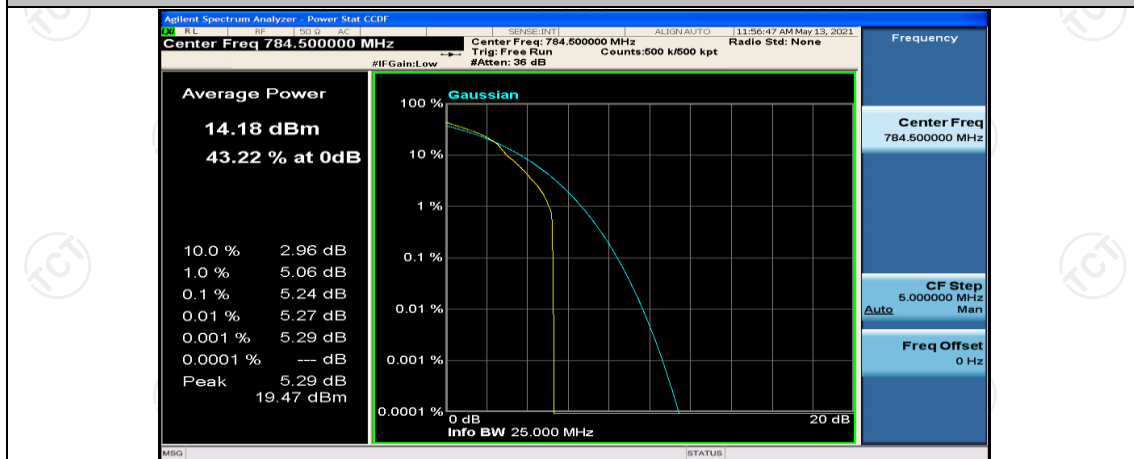




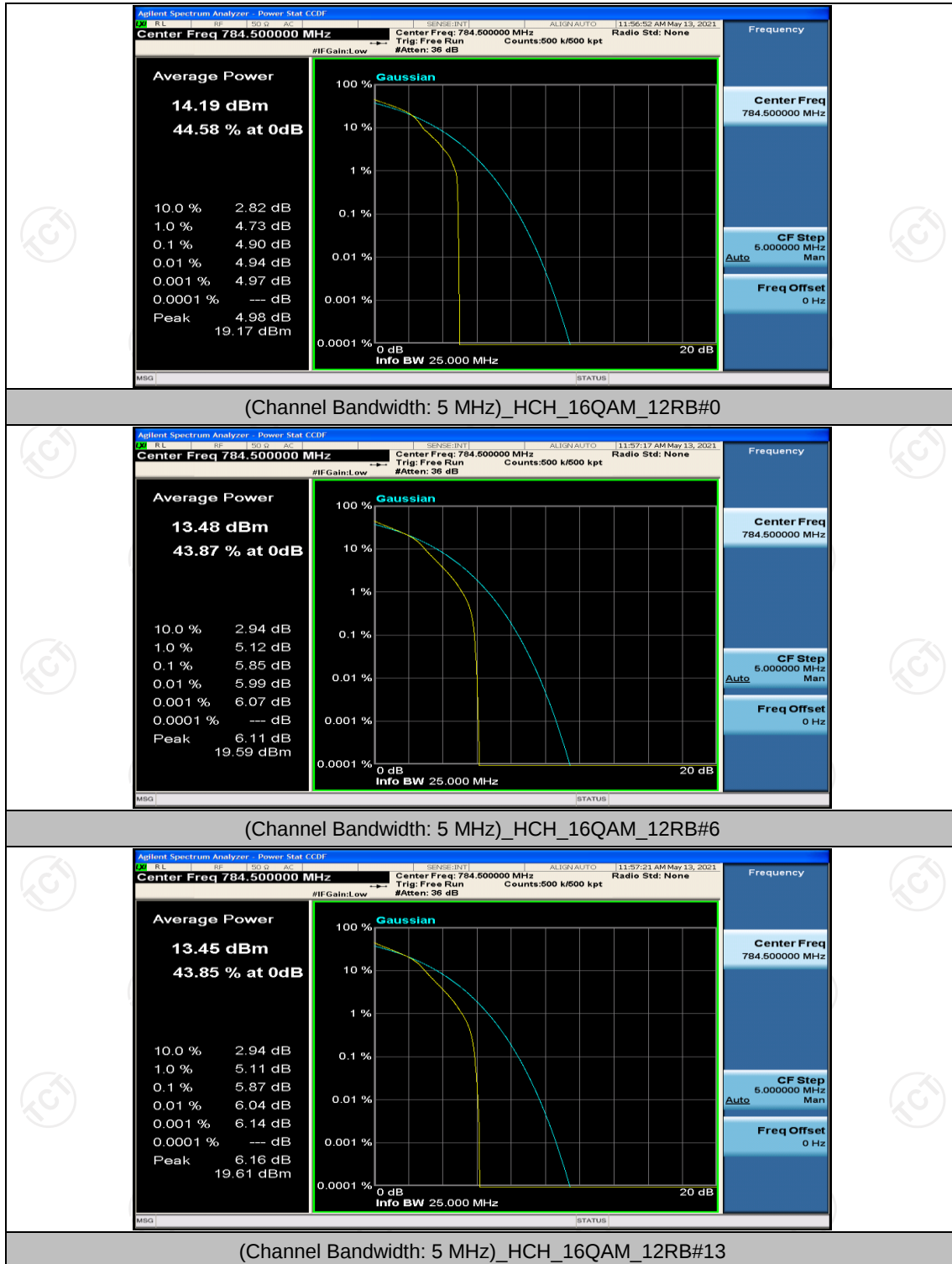
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

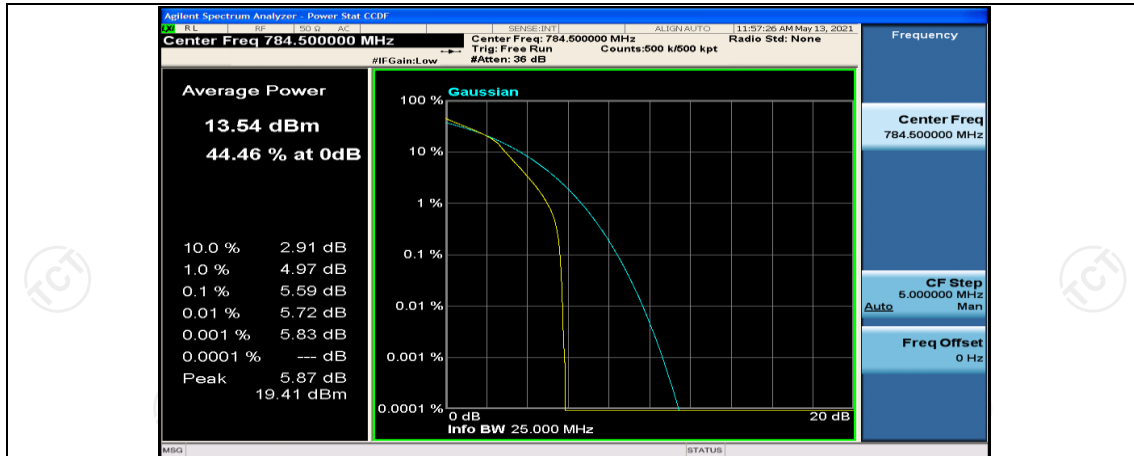


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

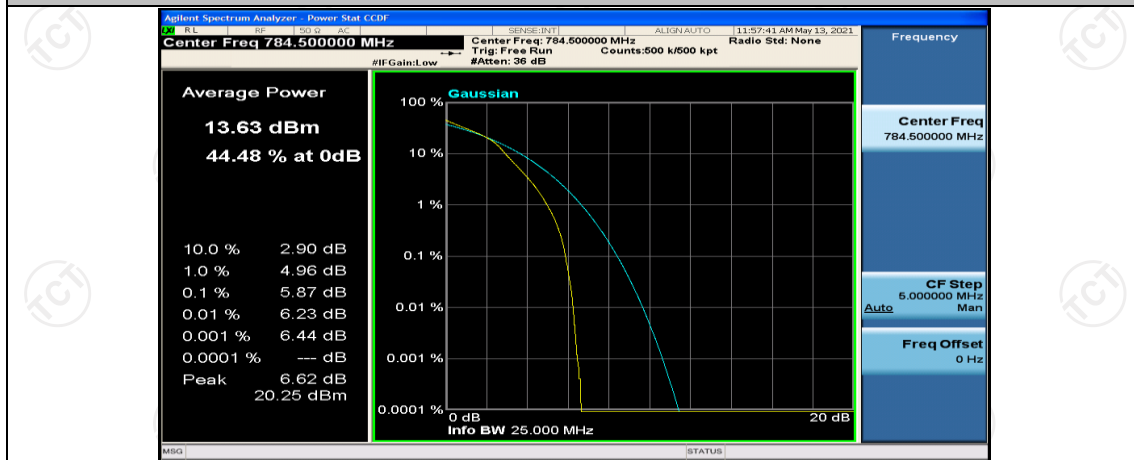


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



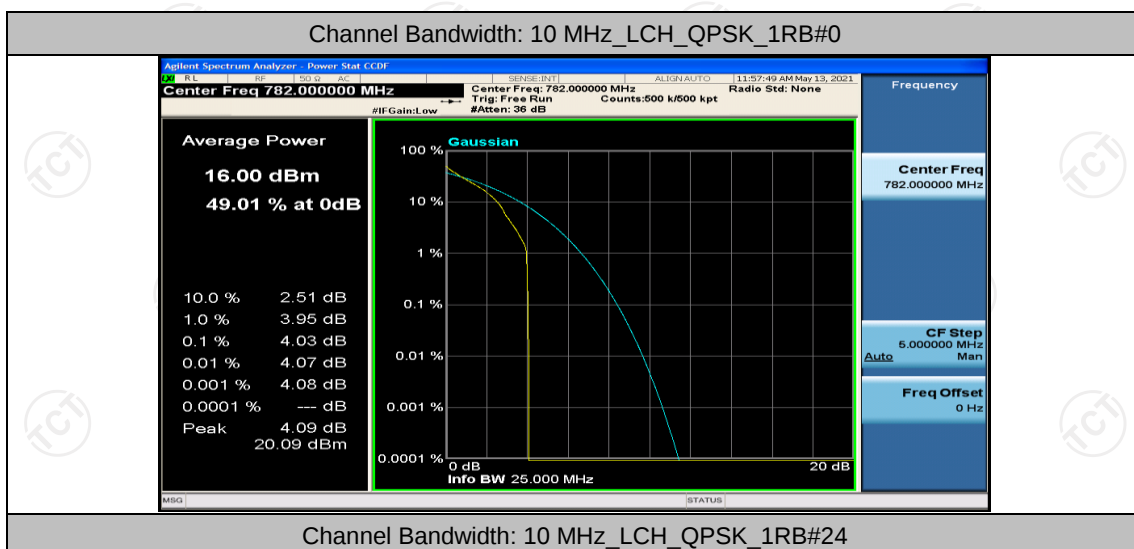


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

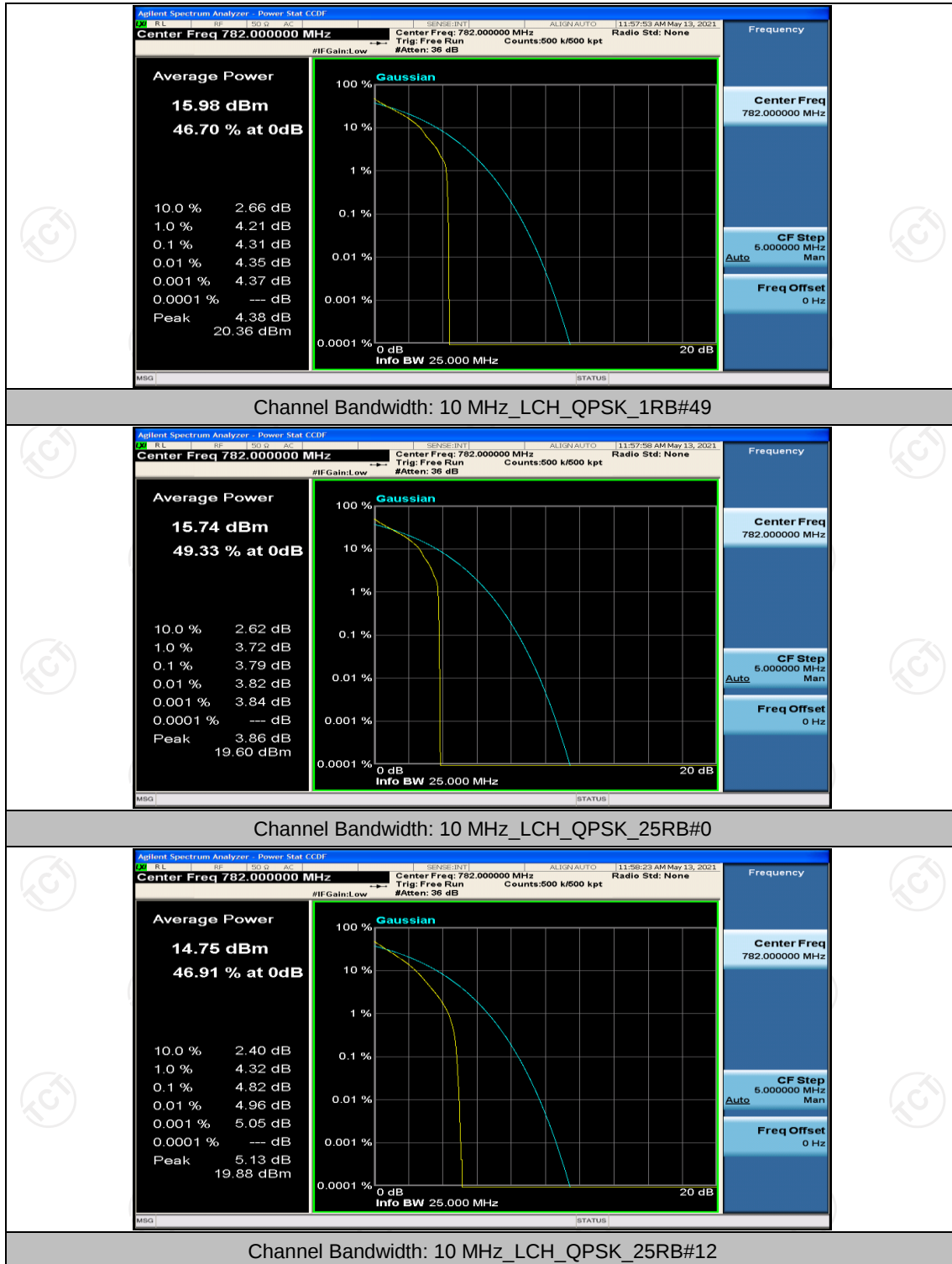


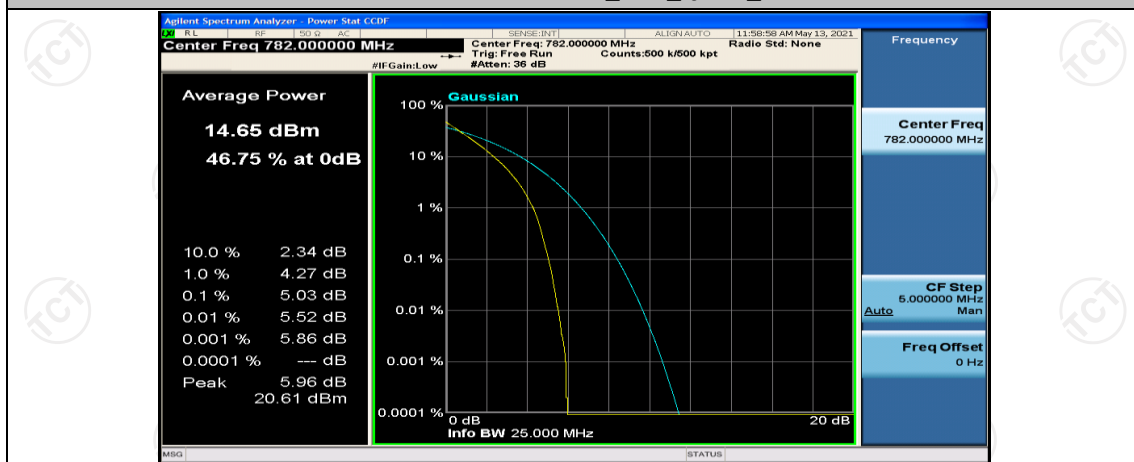
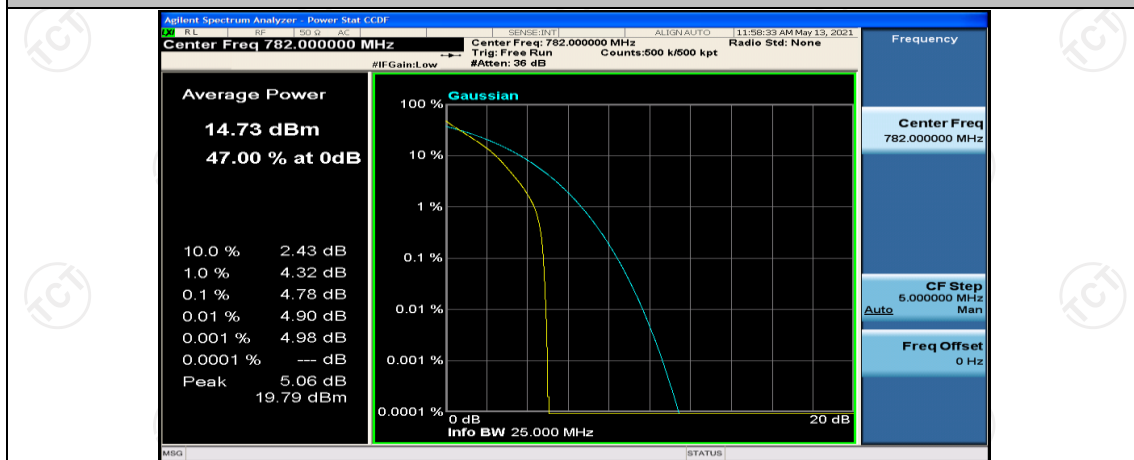
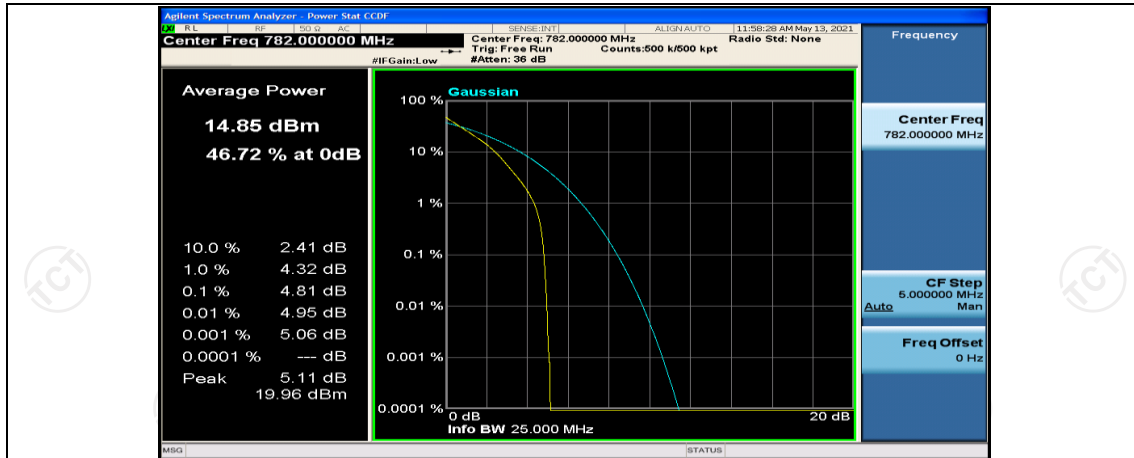
Channel Bandwidth: 10 MHz

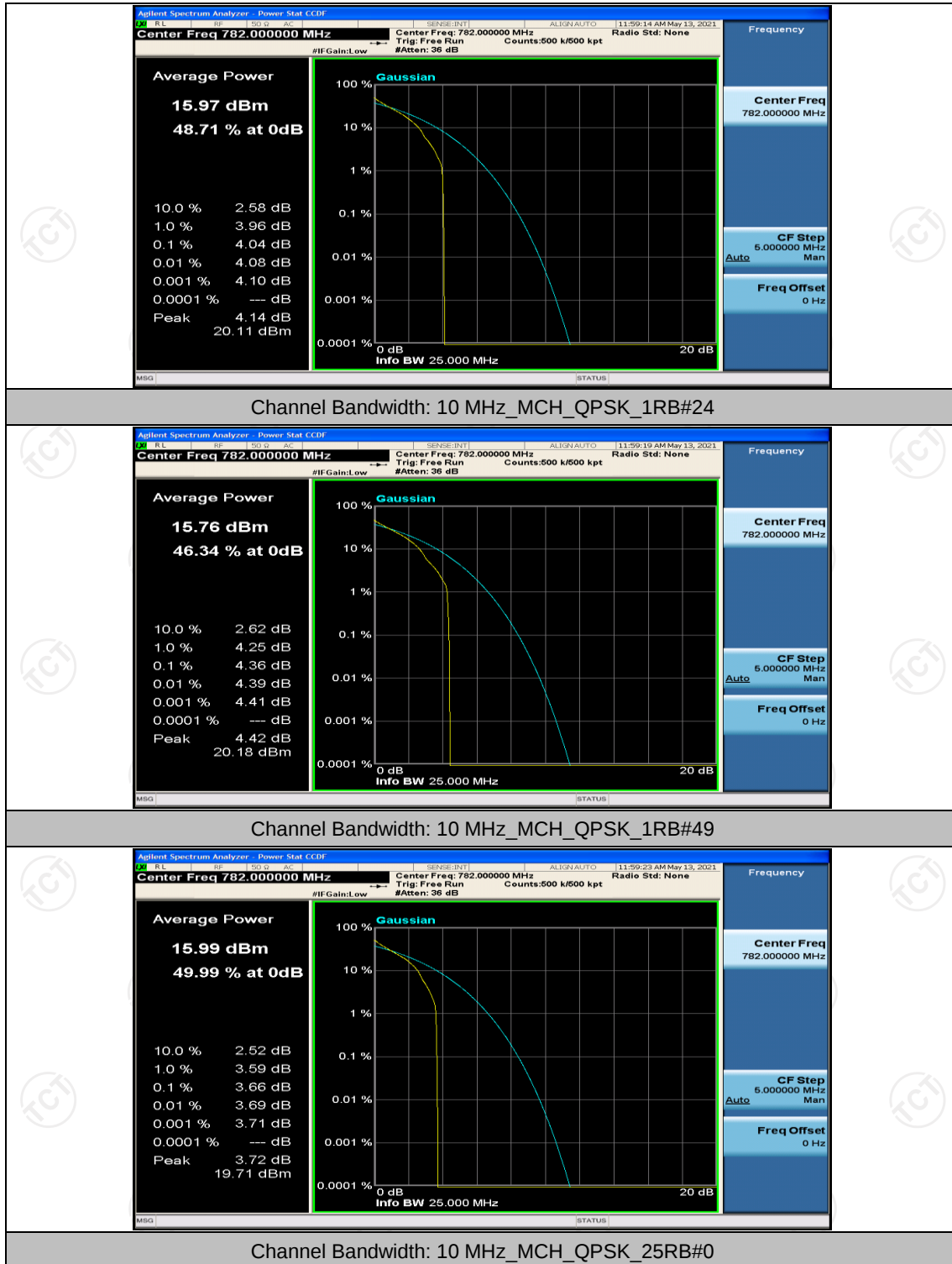
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

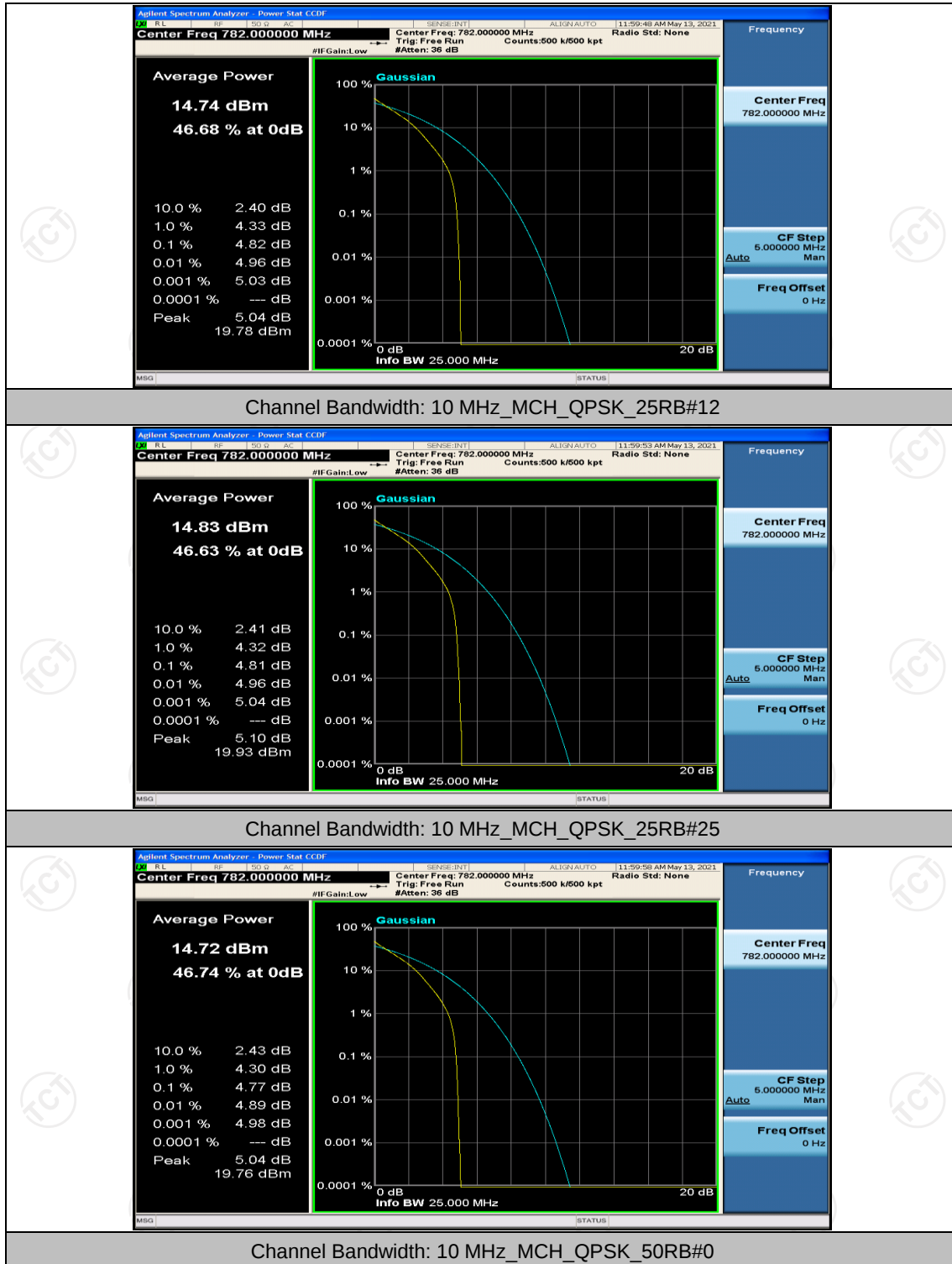


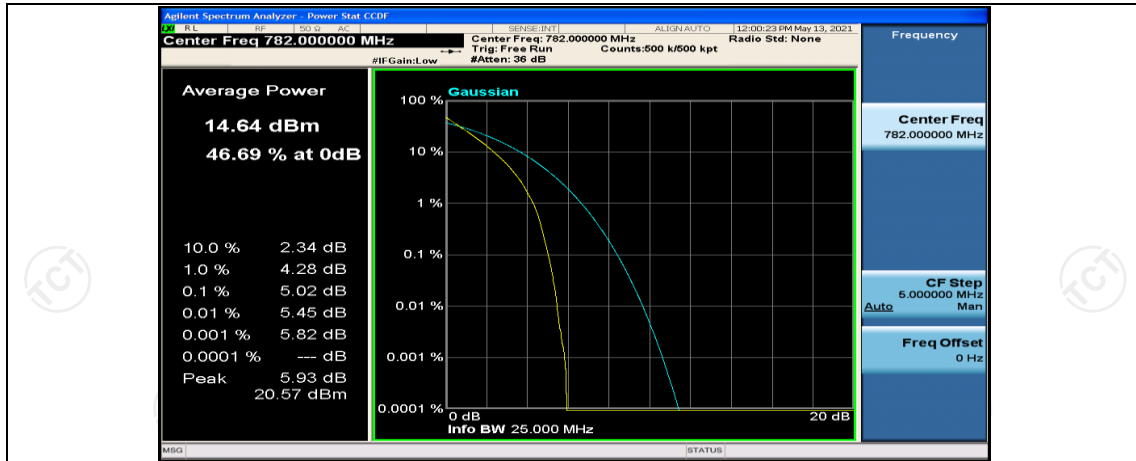
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



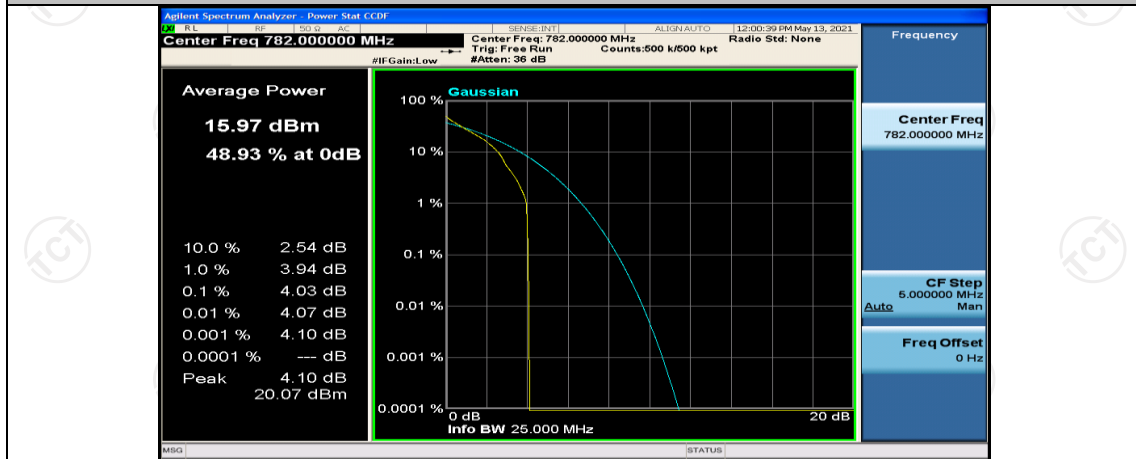




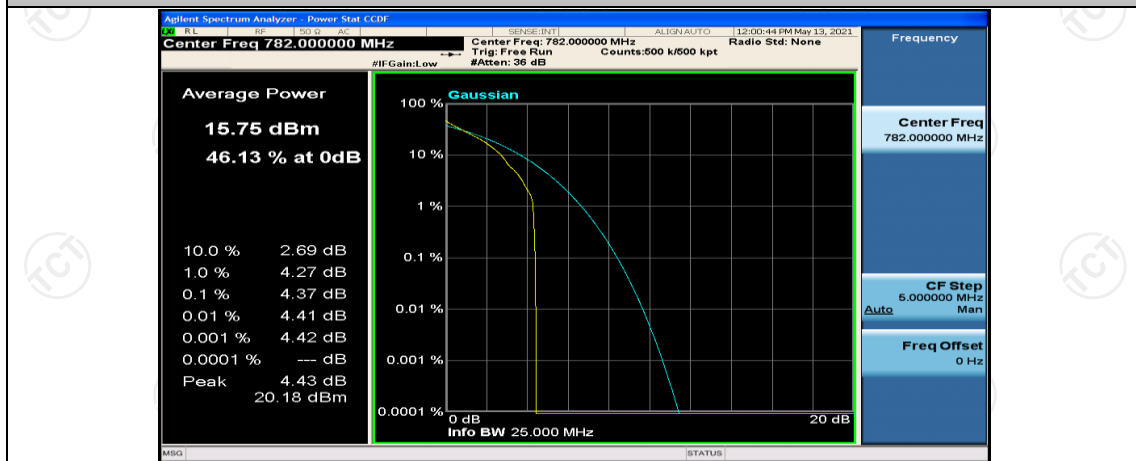




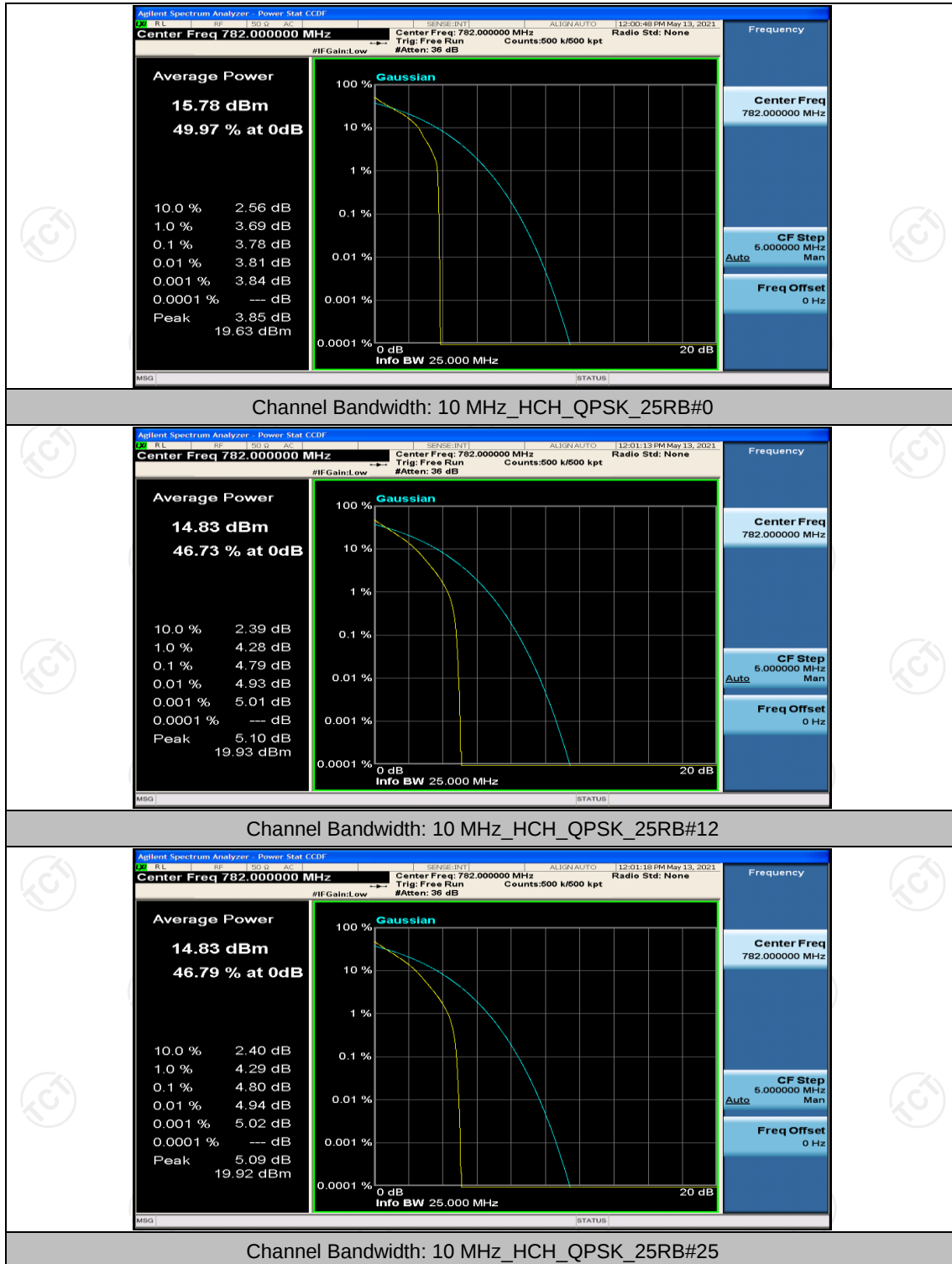
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

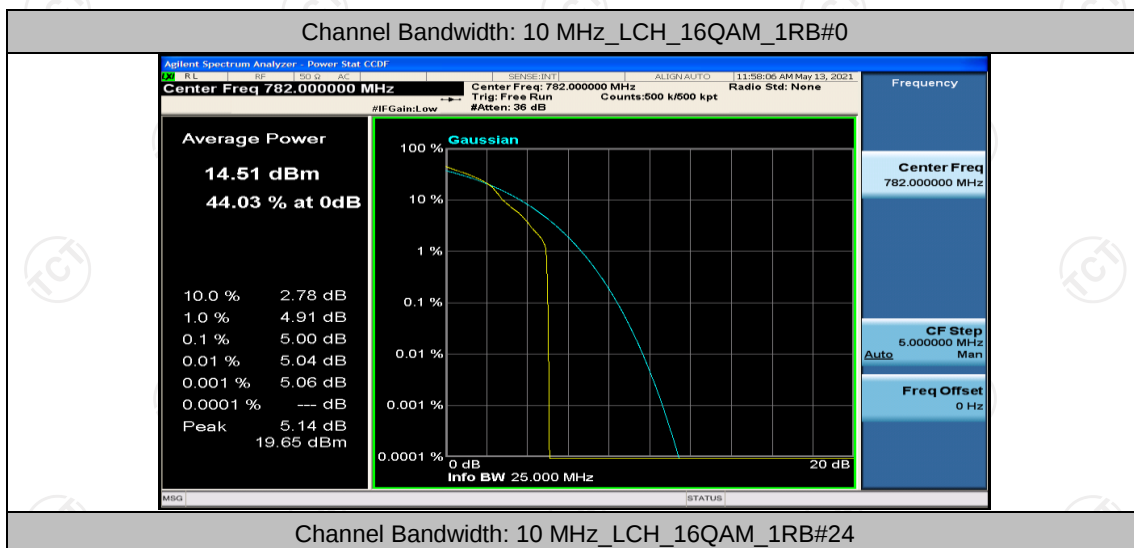
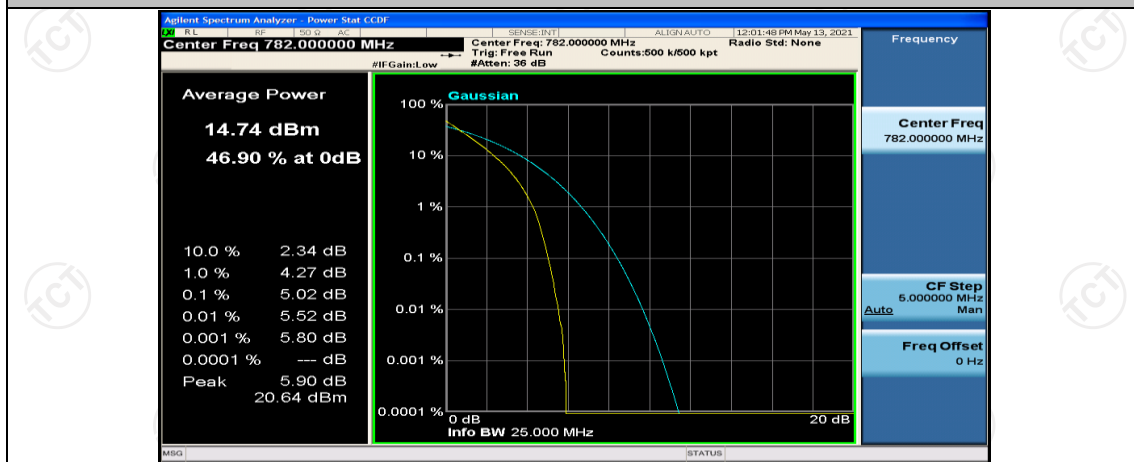
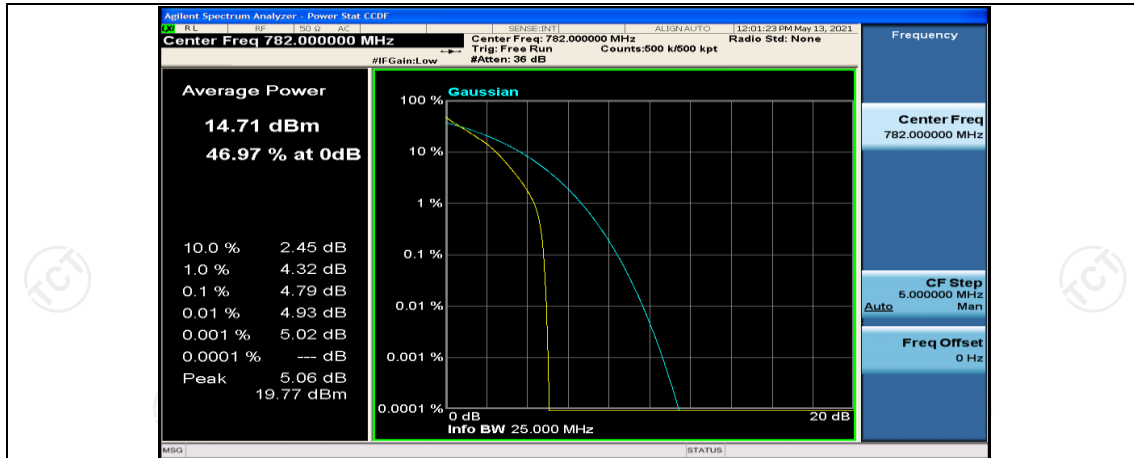


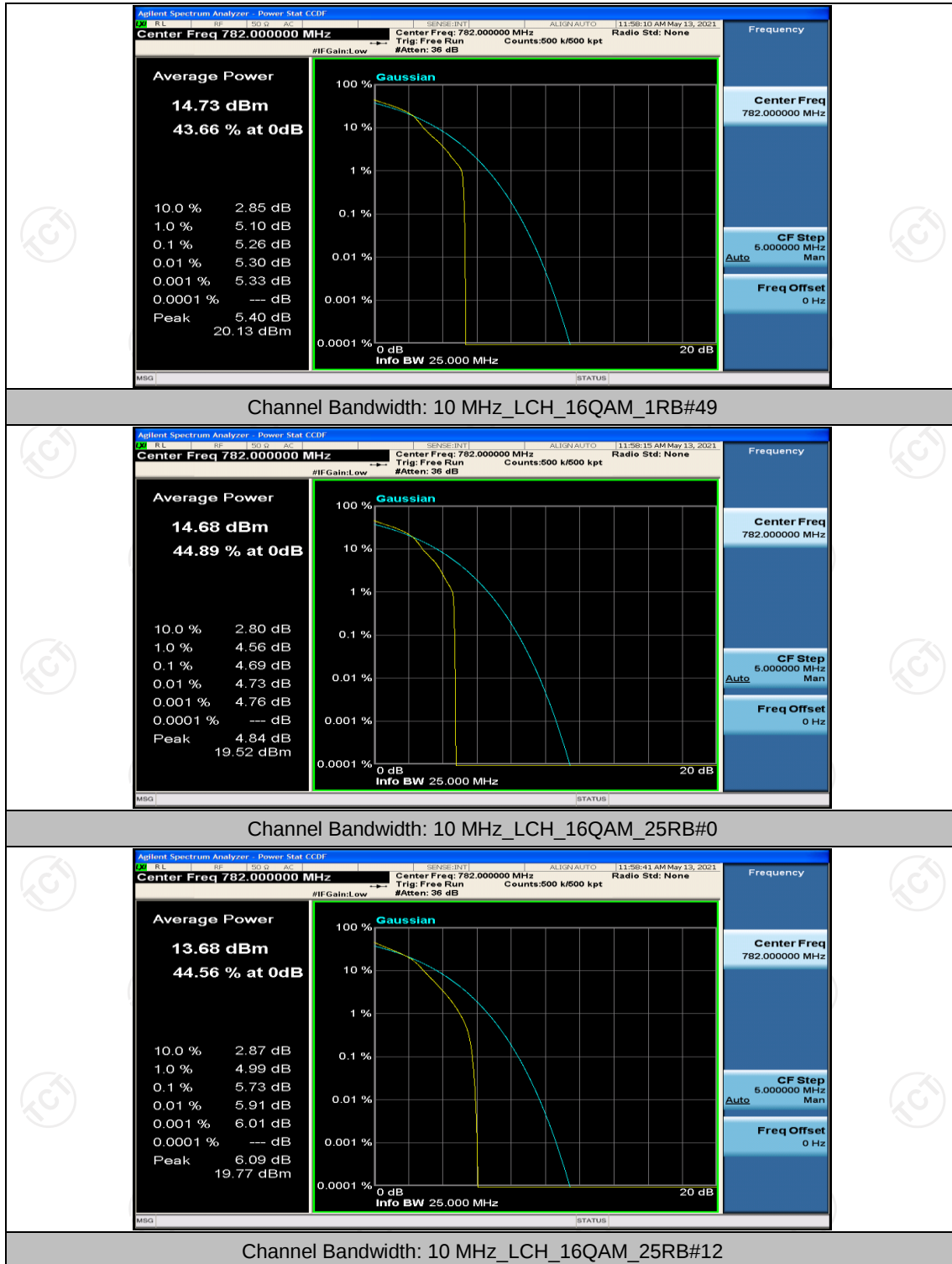
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

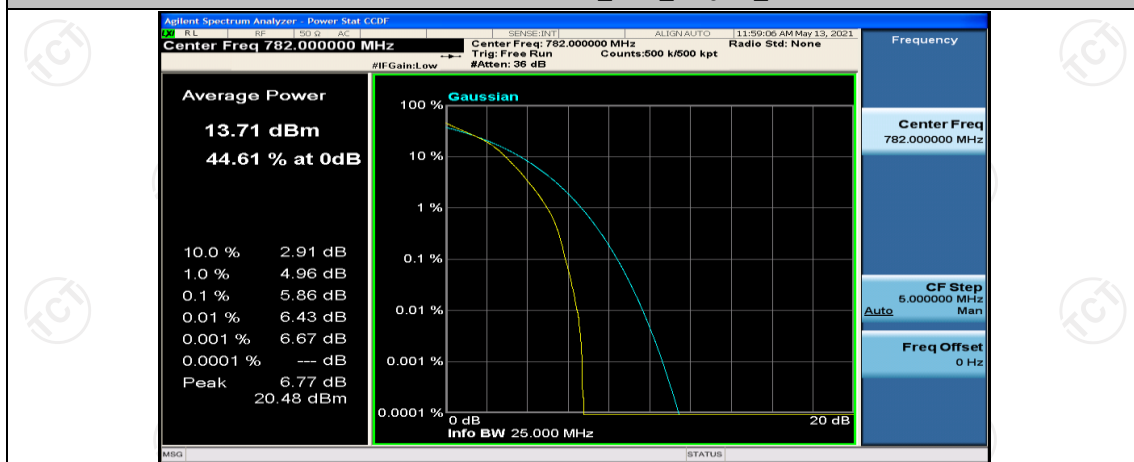
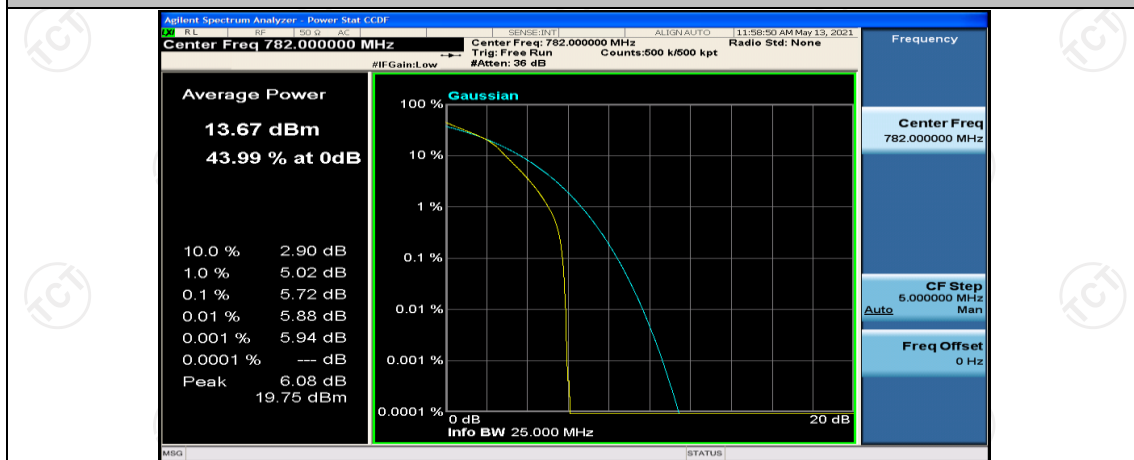
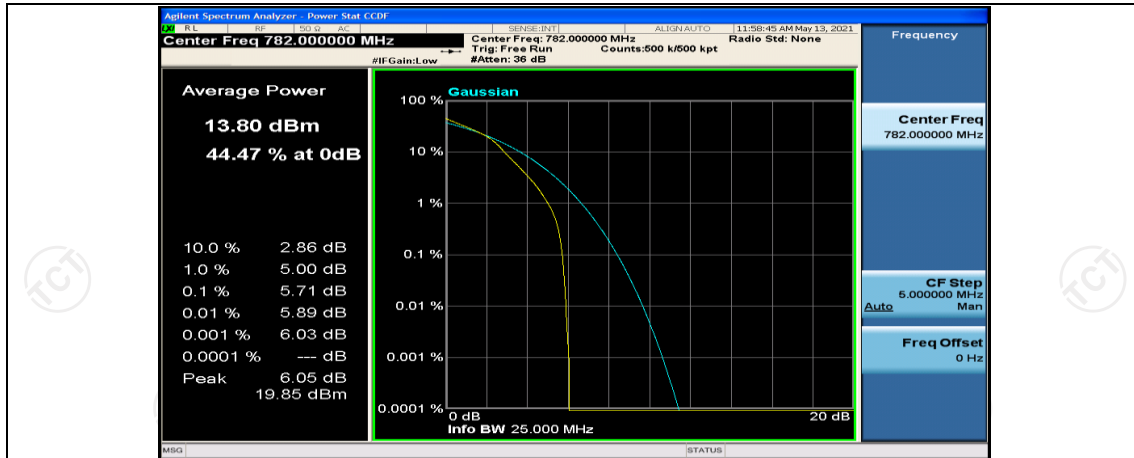


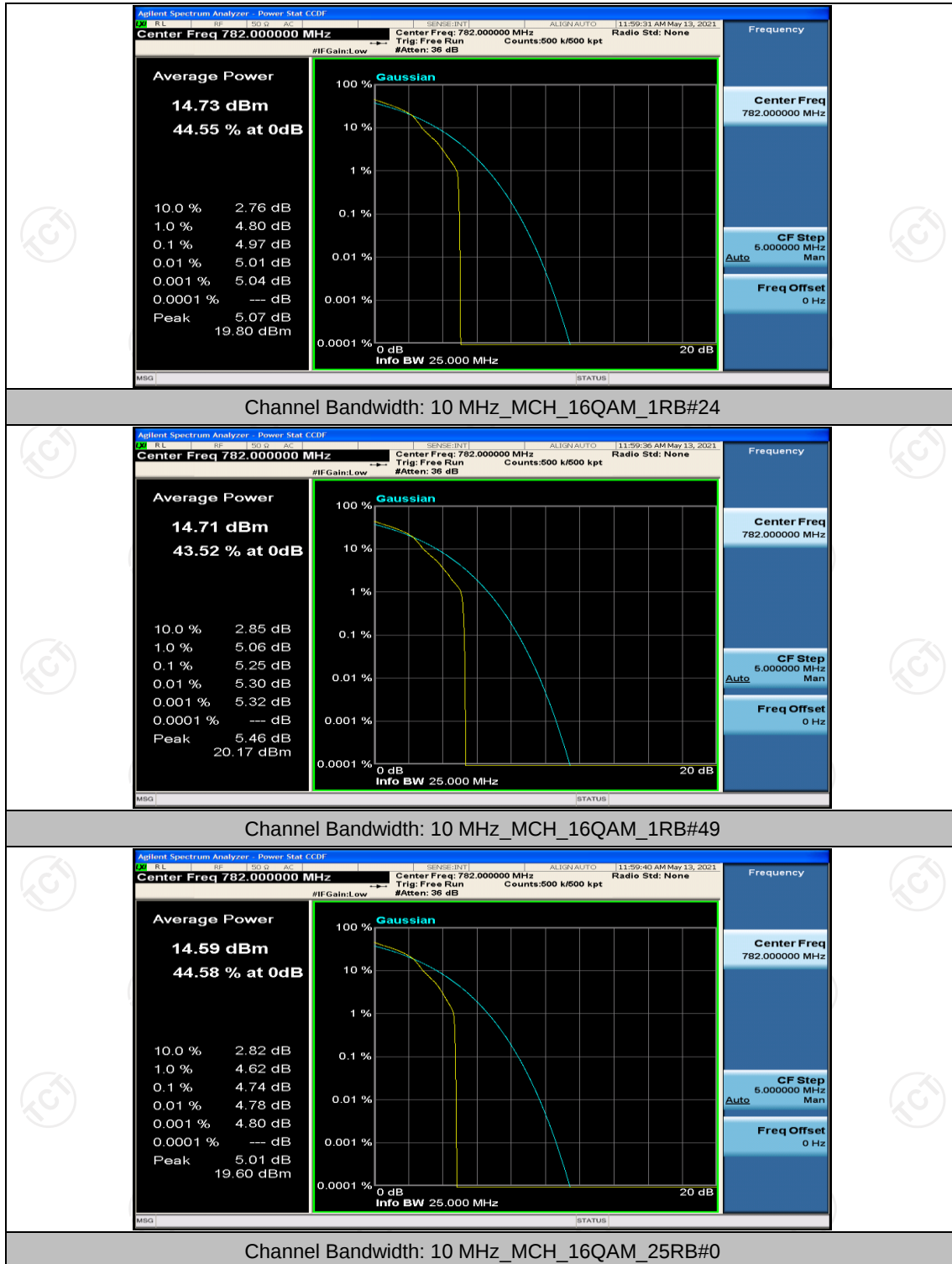
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

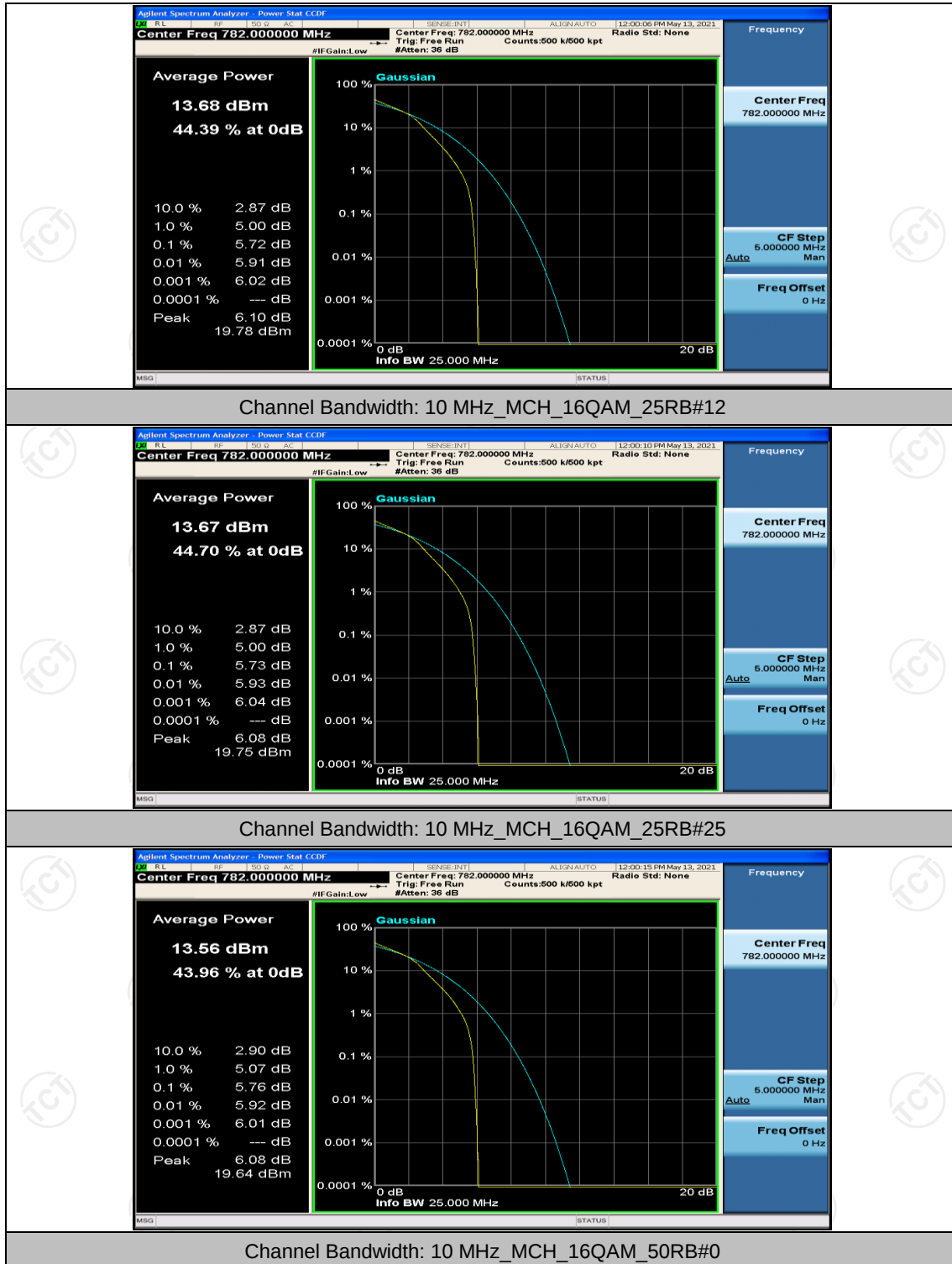


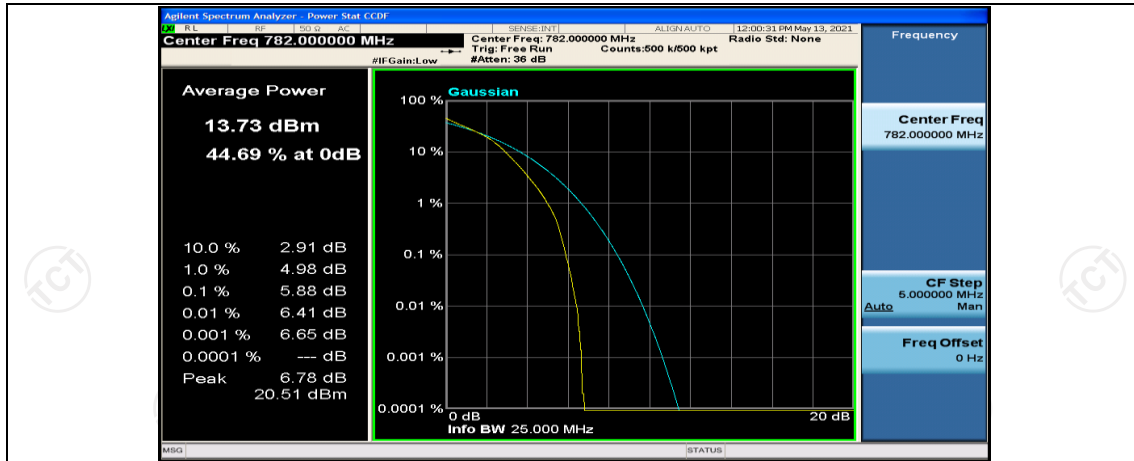




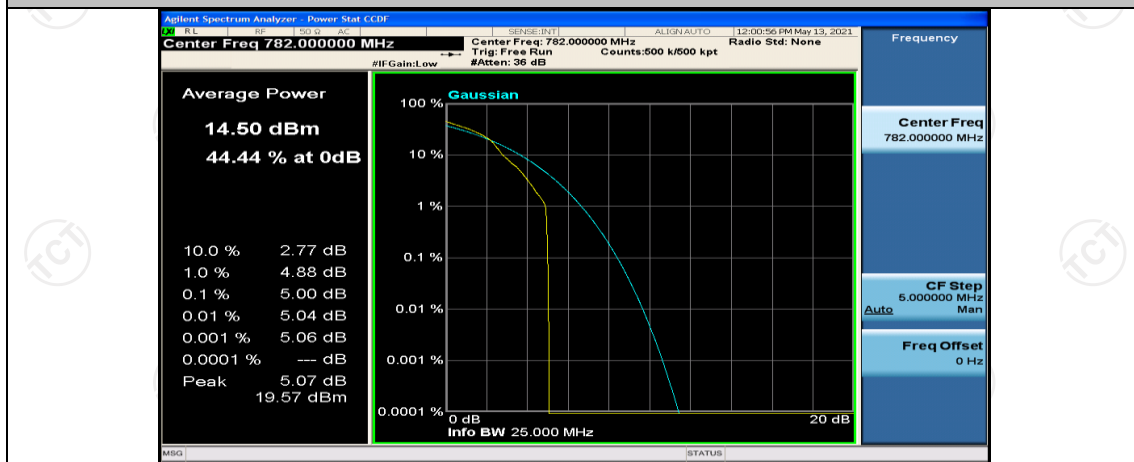




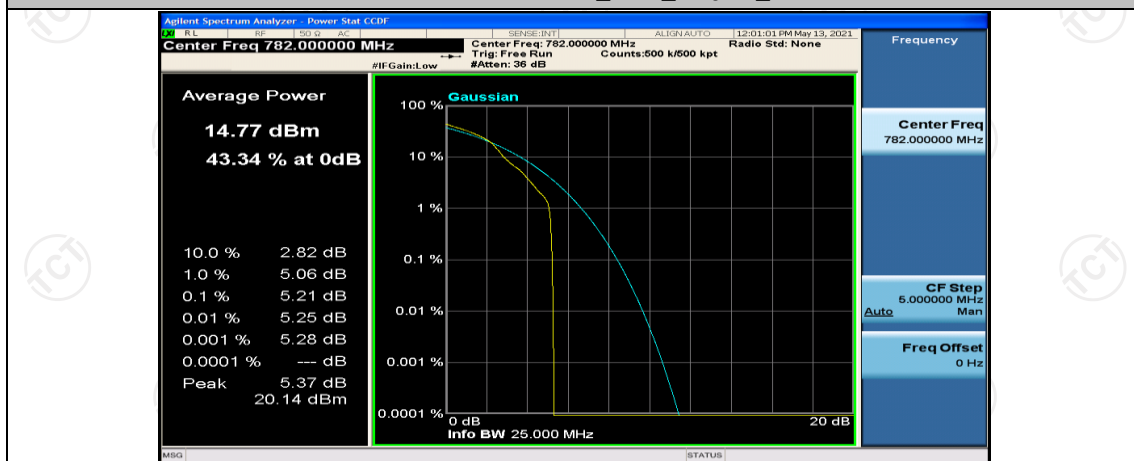




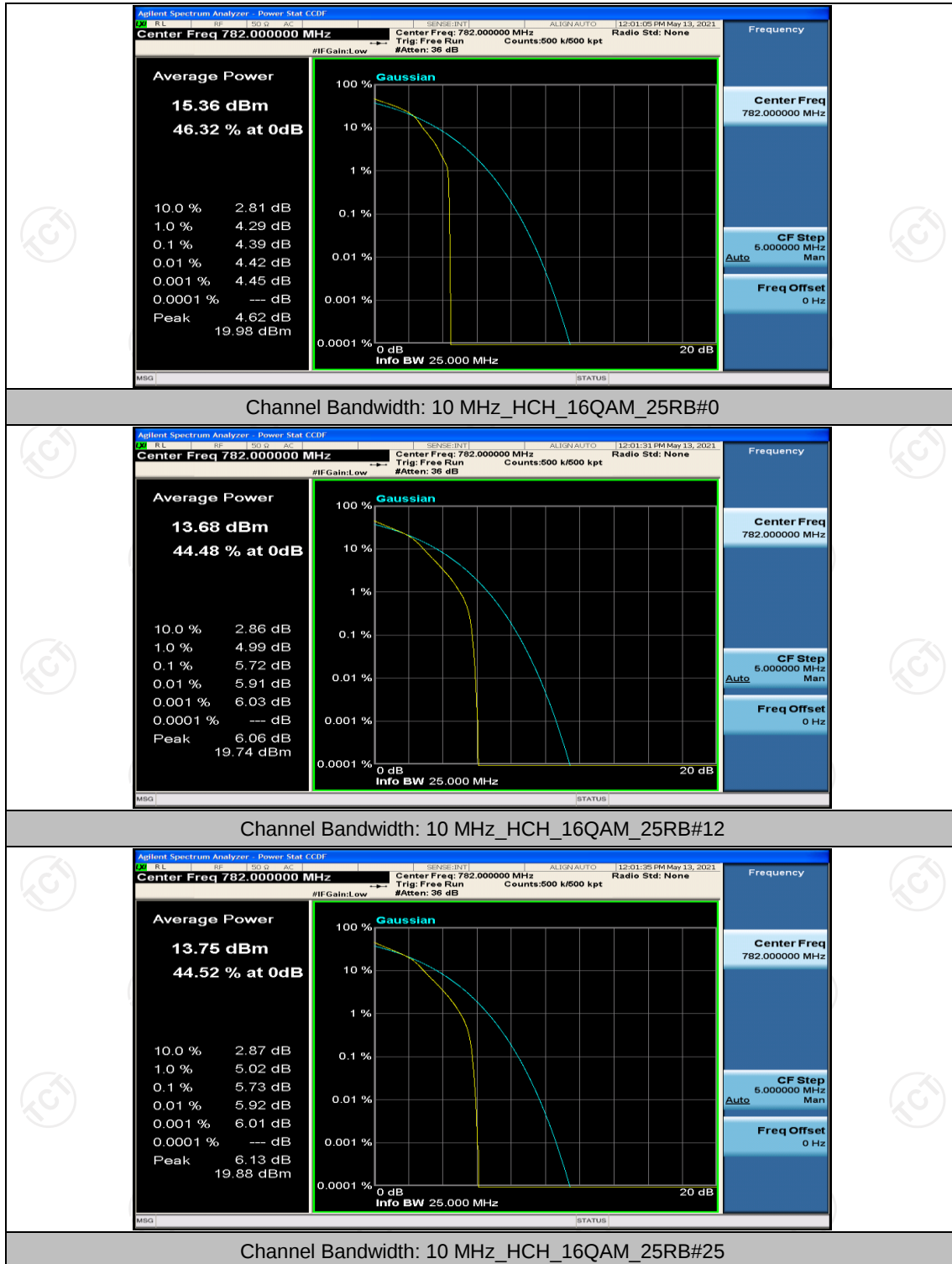
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

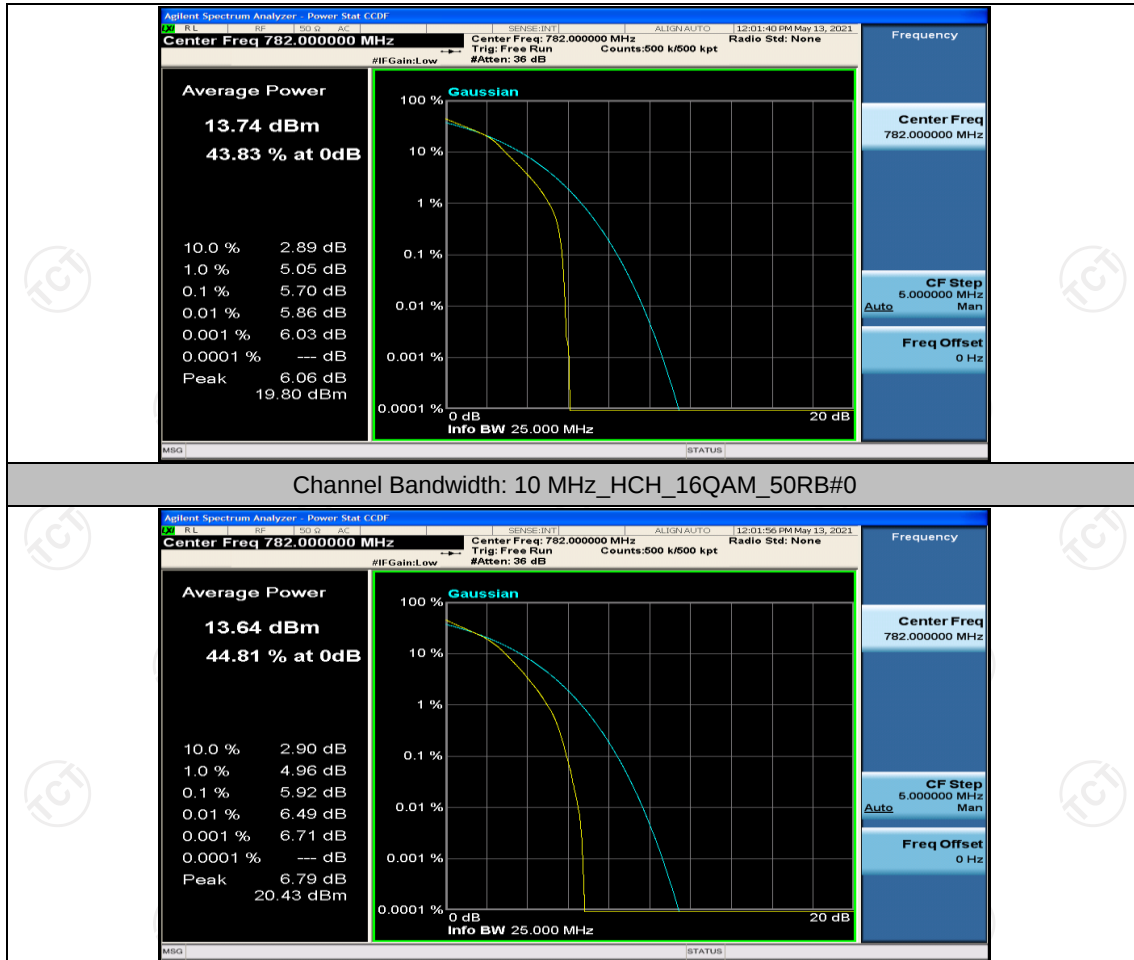


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49





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	4.4692	4.794	PASS
	MCH	25	0	4.4750	4.796	PASS
	HCH	25	0	4.4692	4.836	PASS
16QAM	LCH	25	0	4.4748	4.865	PASS
	MCH	25	0	4.4756	4.805	PASS
	HCH	25	0	4.4741	4.796	PASS

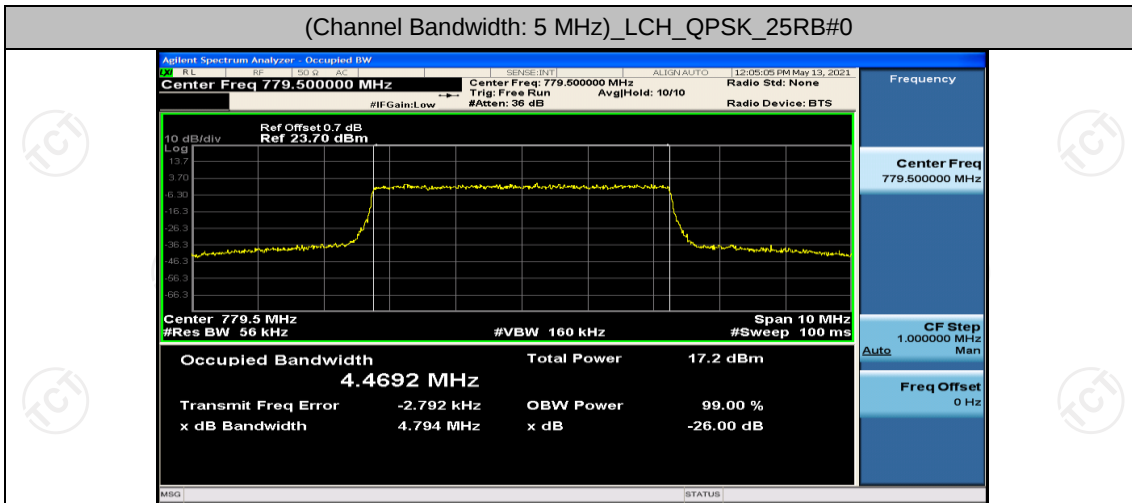
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9378	9.473	PASS
	MCH	50	0	8.9285	9.453	PASS
	HCH	50	0	8.9369	9.505	PASS
16QAM	LCH	50	0	8.9298	9.451	PASS
	MCH	50	0	8.9225	9.480	PASS
	HCH	50	0	8.9129	9.442	PASS

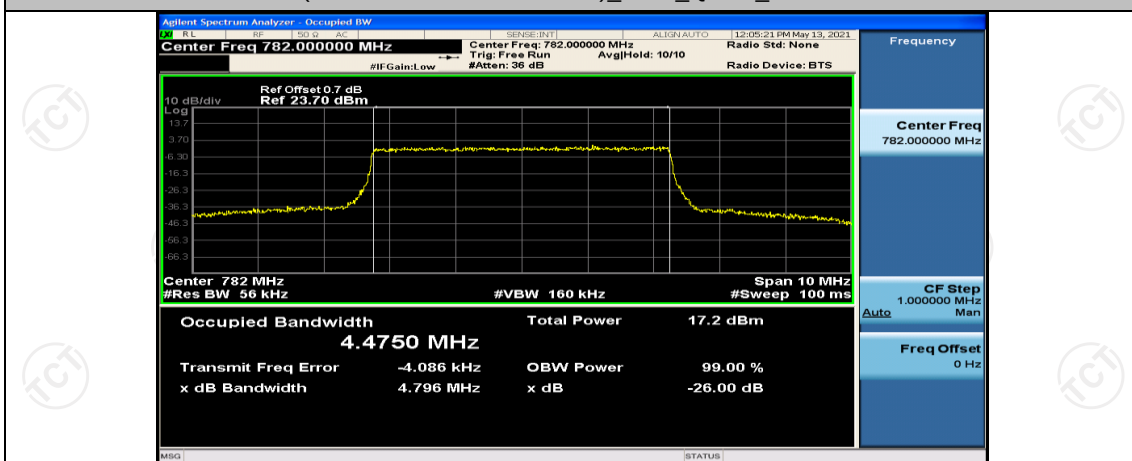
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

