

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	22.83	23.70	PASS
		1	12	22.99	23.86	PASS
		1	24	22.89	23.76	PASS
		12	0	21.94	22.81	PASS
		12	6	21.89	22.76	PASS
		12	13	21.93	22.80	PASS
		25	0	21.92	22.79	PASS
	MCH	1	0	22.75	23.62	PASS
		1	12	22.82	23.69	PASS
		1	24	22.70	23.57	PASS
		12	0	21.77	22.64	PASS
		12	6	21.78	22.65	PASS
		12	13	21.77	22.64	PASS
		25	0	21.80	22.67	PASS
	HCH	1	0	22.58	23.45	PASS
		1	12	22.72	23.59	PASS
		1	24	22.62	23.49	PASS
		12	0	21.60	22.47	PASS
		12	6	21.62	22.49	PASS
		12	13	21.62	22.49	PASS
		25	0	21.65	22.52	PASS
16QAM	LCH	1	0	21.73	22.60	PASS
		1	12	21.91	22.78	PASS
		1	24	21.84	22.71	PASS
		12	0	20.99	21.86	PASS
		12	6	21.02	21.89	PASS
		12	13	21.02	21.89	PASS
		25	0	21.05	21.92	PASS
	MCH	1	0	21.86	22.73	PASS
		1	12	21.98	22.85	PASS
		1	24	21.87	22.74	PASS
		12	0	20.89	21.76	PASS
		12	6	20.91	21.78	PASS
		12	13	20.86	21.73	PASS

		25	0	20.85	21.72	PASS
		1	0	21.58	22.45	PASS
		1	12	21.70	22.57	PASS
		1	24	21.57	22.44	PASS
	HCH	12	0	20.77	21.64	PASS
		12	6	20.74	21.61	PASS
		12	13	20.73	21.60	PASS
		25	0	20.79	21.66	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	22.95	23.82	PASS
		1	24	23.08	23.95	PASS
		1	49	22.97	23.84	PASS
		25	0	22.09	22.96	PASS
		25	12	22.09	22.96	PASS
		25	25	22.15	23.02	PASS
		50	0	22.10	22.97	PASS
	MCH	1	0	22.88	23.75	PASS
		1	24	22.94	23.81	PASS
		1	49	22.74	23.61	PASS
		25	0	21.93	22.80	PASS
		25	12	21.91	22.78	PASS
		25	25	21.88	22.75	PASS
		50	0	21.91	22.78	PASS
	HCH	1	0	22.65	23.52	PASS
		1	24	22.75	23.62	PASS
		1	49	22.70	23.57	PASS
		25	0	21.80	22.67	PASS
		25	12	21.81	22.68	PASS
		25	25	21.76	22.63	PASS
		50	0	21.73	22.60	PASS
16QAM	LCH	1	0	22.00	22.87	PASS
		1	24	22.19	23.06	PASS
		1	49	22.12	22.99	PASS
		25	0	21.10	21.97	PASS
		25	12	21.10	21.97	PASS
		25	25	21.22	22.09	PASS
		50	0	21.15	22.02	PASS

	MCH	1	0	21.89	22.76	PASS
		1	24	22.01	22.88	PASS
		1	49	21.89	22.76	PASS
		25	0	21.01	21.88	PASS
		25	12	21.01	21.88	PASS
		25	25	20.98	21.85	PASS
		50	0	20.99	21.86	PASS
	HCH	1	0	21.53	22.40	PASS
		1	24	21.68	22.55	PASS
		1	49	21.55	22.42	PASS
		25	0	20.91	21.78	PASS
		25	12	20.90	21.77	PASS
		25	25	20.84	21.71	PASS
		50	0	20.83	21.70	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	22.91	23.78	PASS
		1	37	23.03	23.90	PASS
		1	74	22.84	23.71	PASS
		37	0	22.28	23.15	PASS
		37	18	22.25	23.12	PASS
		37	38	22.29	23.16	PASS
		75	0	22.25	23.12	PASS
	MCH	1	0	22.87	23.74	PASS
		1	37	22.89	23.76	PASS
		1	74	22.64	23.51	PASS
		37	0	22.04	22.91	PASS
		37	18	22.03	22.90	PASS
		37	38	22.04	22.91	PASS
		75	0	22.04	22.91	PASS
	HCH	1	0	22.59	23.46	PASS
		1	37	22.74	23.61	PASS
		1	74	22.66	23.53	PASS
		37	0	21.89	22.76	PASS
		37	18	21.92	22.79	PASS
		37	38	21.92	22.79	PASS
		75	0	21.94	22.81	PASS
16QAM	LCH	1	0	21.94	22.81	PASS

		1	37	22.20	23.07	PASS
		1	74	22.02	22.89	PASS
		37	0	22.27	23.14	PASS
		37	18	22.28	23.15	PASS
		37	38	22.28	23.15	PASS
		75	0	21.20	22.07	PASS
	MCH	1	0	21.98	22.85	PASS
		1	37	22.05	22.92	PASS
		1	74	21.86	22.73	PASS
		37	0	22.03	22.90	PASS
		37	18	22.04	22.91	PASS
		37	38	22.06	22.93	PASS
		75	0	21.02	21.89	PASS
	HCH	1	0	21.52	22.39	PASS
		1	37	21.66	22.53	PASS
		1	74	21.49	22.36	PASS
		37	0	21.91	22.78	PASS
		37	18	21.90	22.77	PASS
		37	38	21.91	22.78	PASS
		75	0	20.91	21.78	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	22.81	23.68	PASS
		1	49	23.24	24.11	PASS
		1	99	22.79	23.66	PASS
		50	0	22.06	22.93	PASS
		50	25	22.05	22.92	PASS
		50	50	22.13	23.00	PASS
		100	0	22.08	22.95	PASS
	MCH	1	0	22.73	23.60	PASS
		1	49	23.01	23.88	PASS
		1	99	22.58	23.45	PASS
		50	0	21.99	22.86	PASS
		50	25	21.98	22.85	PASS
		50	50	21.81	22.68	PASS
		100	0	21.88	22.75	PASS
	HCH	1	0	22.37	23.24	PASS
		1	49	22.72	23.59	PASS

16QAM		1	99	22.40	23.27	PASS
		50	0	21.86	22.73	PASS
		50	25	21.84	22.71	PASS
		50	50	21.72	22.59	PASS
		100	0	21.74	22.61	PASS
	LCH	1	0	21.73	22.60	PASS
		1	49	22.18	23.05	PASS
		1	99	21.74	22.61	PASS
		50	0	21.11	21.98	PASS
		50	25	21.12	21.99	PASS
		50	50	21.19	22.06	PASS
		100	0	21.15	22.02	PASS
	MCH	1	0	21.74	22.61	PASS
		1	49	21.99	22.86	PASS
		1	99	21.68	22.55	PASS
		50	0	21.08	21.95	PASS
		50	25	21.04	21.91	PASS
		50	50	20.93	21.80	PASS
		100	0	20.95	21.82	PASS
	HCH	1	0	21.49	22.36	PASS
		1	49	21.87	22.74	PASS
		1	99	21.43	22.30	PASS
		50	0	20.99	21.86	PASS
		50	25	20.97	21.84	PASS
		50	50	20.83	21.70	PASS
		100	0	20.84	21.71	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	2.73	<13	PASS
		1	12	2.93	<13	PASS
		1	24	3.33	<13	PASS
		12	0	3.80	<13	PASS
		12	6	3.80	<13	PASS
		12	13	4.09	<13	PASS
		25	0	3.94	<13	PASS
	MCH	1	0	3.15	<13	PASS
		1	12	3.23	<13	PASS
		1	24	3.49	<13	PASS
		12	0	4.14	<13	PASS
		12	6	4.17	<13	PASS
		12	13	4.33	<13	PASS
		25	0	4.26	<13	PASS
	HCH	1	0	3.60	<13	PASS
		1	12	3.06	<13	PASS
		1	24	2.54	<13	PASS
		12	0	4.45	<13	PASS
		12	6	4.42	<13	PASS
		12	13	4.00	<13	PASS
		25	0	4.19	<13	PASS
16QAM	LCH	1	0	3.70	<13	PASS
		1	12	3.88	<13	PASS
		1	24	4.28	<13	PASS
		12	0	4.69	<13	PASS
		12	6	4.70	<13	PASS
		12	13	4.99	<13	PASS
		25	0	4.83	<13	PASS
	MCH	1	0	4.08	<13	PASS
		1	12	4.12	<13	PASS
		1	24	4.48	<13	PASS
		12	0	5.04	<13	PASS

		12	6	5.05	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.14	<13	PASS
	HCH	1	0	4.31	<13	PASS
		1	12	3.97	<13	PASS
		1	24	3.63	<13	PASS
		12	0	5.28	<13	PASS
		12	6	5.32	<13	PASS
		12	13	4.93	<13	PASS
		25	0	5.16	<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	2.59	<13	PASS
		1	24	3.05	<13	PASS
		1	49	3.55	<13	PASS
		25	0	3.89	<13	PASS
		25	12	3.92	<13	PASS
		25	25	4.38	<13	PASS
		50	0	4.23	<13	PASS
	MCH	1	0	2.84	<13	PASS
		1	24	2.99	<13	PASS
		1	49	3.49	<13	PASS
		25	0	4.03	<13	PASS
		25	12	4.05	<13	PASS
		25	25	4.38	<13	PASS
		50	0	4.31	<13	PASS
	HCH	1	0	3.46	<13	PASS
		1	24	3.39	<13	PASS
		1	49	2.75	<13	PASS
		25	0	4.55	<13	PASS
		25	12	4.55	<13	PASS
		25	25	4.38	<13	PASS
		50	0	4.56	<13	PASS
16QAM	LCH	1	0	3.50	<13	PASS
		1	24	3.91	<13	PASS
		1	49	4.47	<13	PASS
		25	0	4.79	<13	PASS
		25	12	4.79	<13	PASS

		25	25	5.27	<13	PASS
		50	0	5.11	<13	PASS
	MCH	1	0	3.89	<13	PASS
		1	24	4.05	<13	PASS
		1	49	4.49	<13	PASS
		25	0	4.93	<13	PASS
		25	12	4.94	<13	PASS
		25	25	5.29	<13	PASS
		50	0	5.18	<13	PASS
		1	0	4.36	<13	PASS
	HCH	1	24	4.29	<13	PASS
		1	49	3.88	<13	PASS
		25	0	5.46	<13	PASS
		25	12	5.42	<13	PASS
		25	25	5.38	<13	PASS
		50	0	5.46	<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	2.73	<13	PASS
		1	37	3.48	<13	PASS
		1	74	3.79	<13	PASS
		37	0	4.75	<13	PASS
		37	18	4.74	<13	PASS
		37	38	4.77	<13	PASS
		75	0	4.74	<13	PASS
	MCH	1	0	3.05	<13	PASS
		1	37	3.22	<13	PASS
		1	74	3.77	<13	PASS
		37	0	4.70	<13	PASS
		37	18	4.70	<13	PASS
		37	38	4.70	<13	PASS
		75	0	4.69	<13	PASS
	HCH	1	0	3.32	<13	PASS
		1	37	3.56	<13	PASS
		1	74	3.16	<13	PASS
		37	0	4.87	<13	PASS
		37	18	4.84	<13	PASS
		37	38	4.88	<13	PASS

		75	0	4.85	<13	PASS
16QAM	LCH	1	0	3.79	<13	PASS
		1	37	4.34	<13	PASS
		1	74	4.71	<13	PASS
		37	0	4.73	<13	PASS
		37	18	4.74	<13	PASS
		37	38	4.77	<13	PASS
		75	0	5.59	<13	PASS
	MCH	1	0	3.97	<13	PASS
		1	37	4.22	<13	PASS
		1	74	4.66	<13	PASS
		37	0	4.71	<13	PASS
		37	18	4.70	<13	PASS
		37	38	4.71	<13	PASS
		75	0	5.55	<13	PASS
	HCH	1	0	4.25	<13	PASS
		1	37	4.44	<13	PASS
		1	74	4.09	<13	PASS
		37	0	4.86	<13	PASS
		37	18	4.85	<13	PASS
		37	38	4.89	<13	PASS
		75	0	5.69	<13	PASS

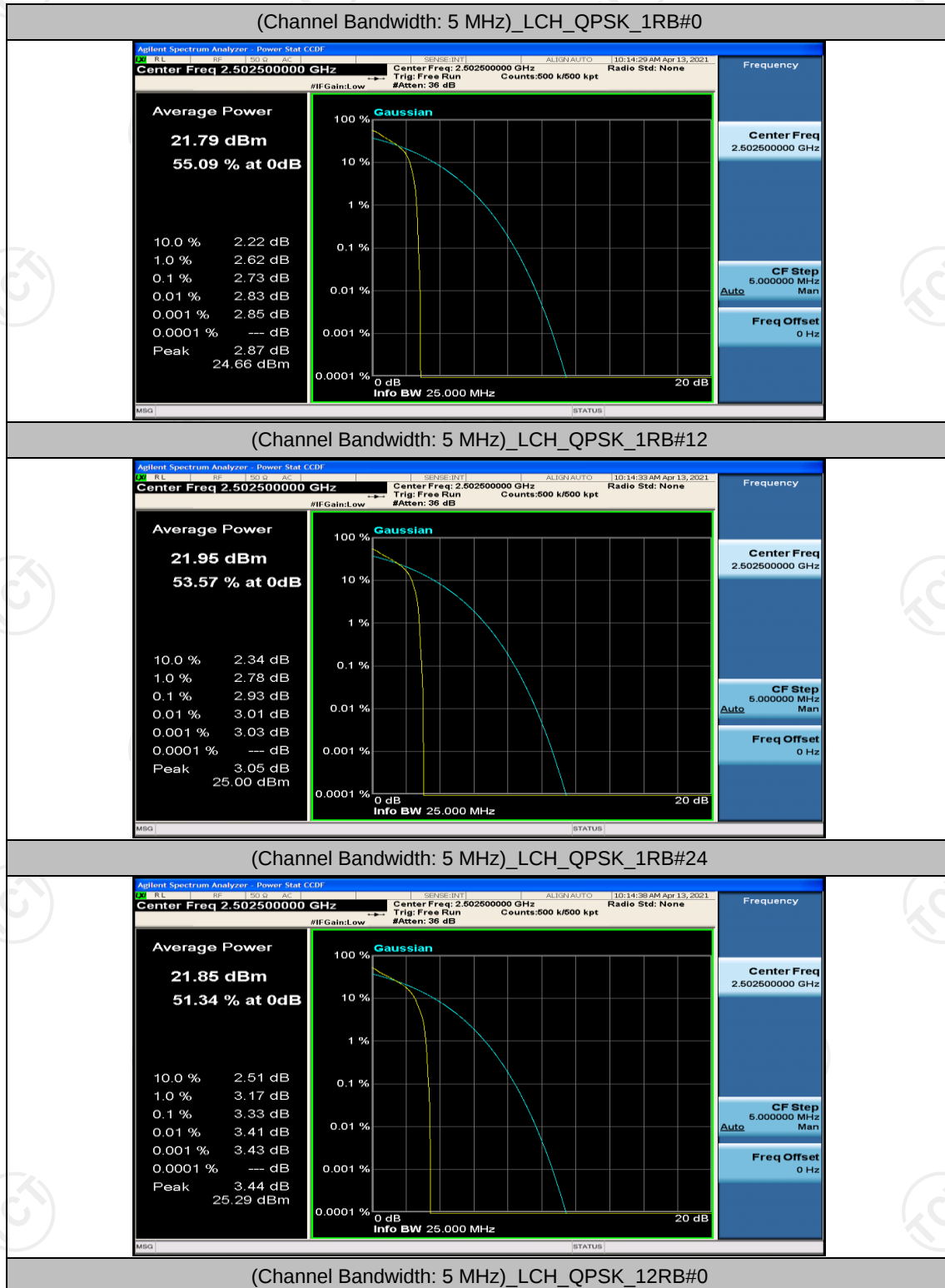
Channel Bandwidth: 20 MHz

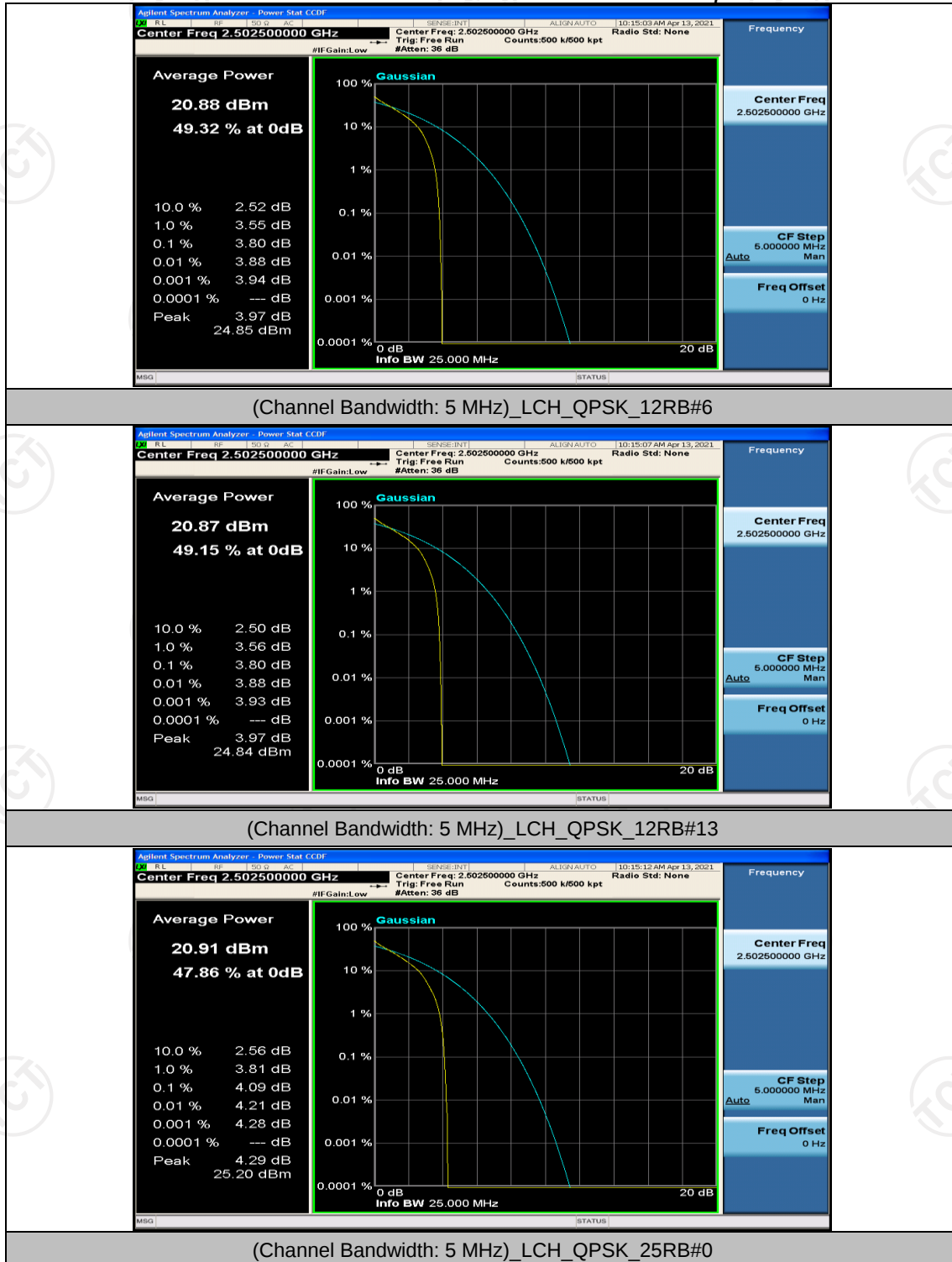
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.98	<13	PASS
		1	49	3.51	<13	PASS
		1	99	3.67	<13	PASS
		50	0	4.42	<13	PASS
		50	25	4.44	<13	PASS
		50	50	4.79	<13	PASS
		100	0	4.97	<13	PASS
	MCH	1	0	3.31	<13	PASS
		1	49	3.10	<13	PASS
		1	99	3.91	<13	PASS
		50	0	4.27	<13	PASS
		50	25	4.24	<13	PASS
		50	50	4.80	<13	PASS
		100	0	4.94	<13	PASS

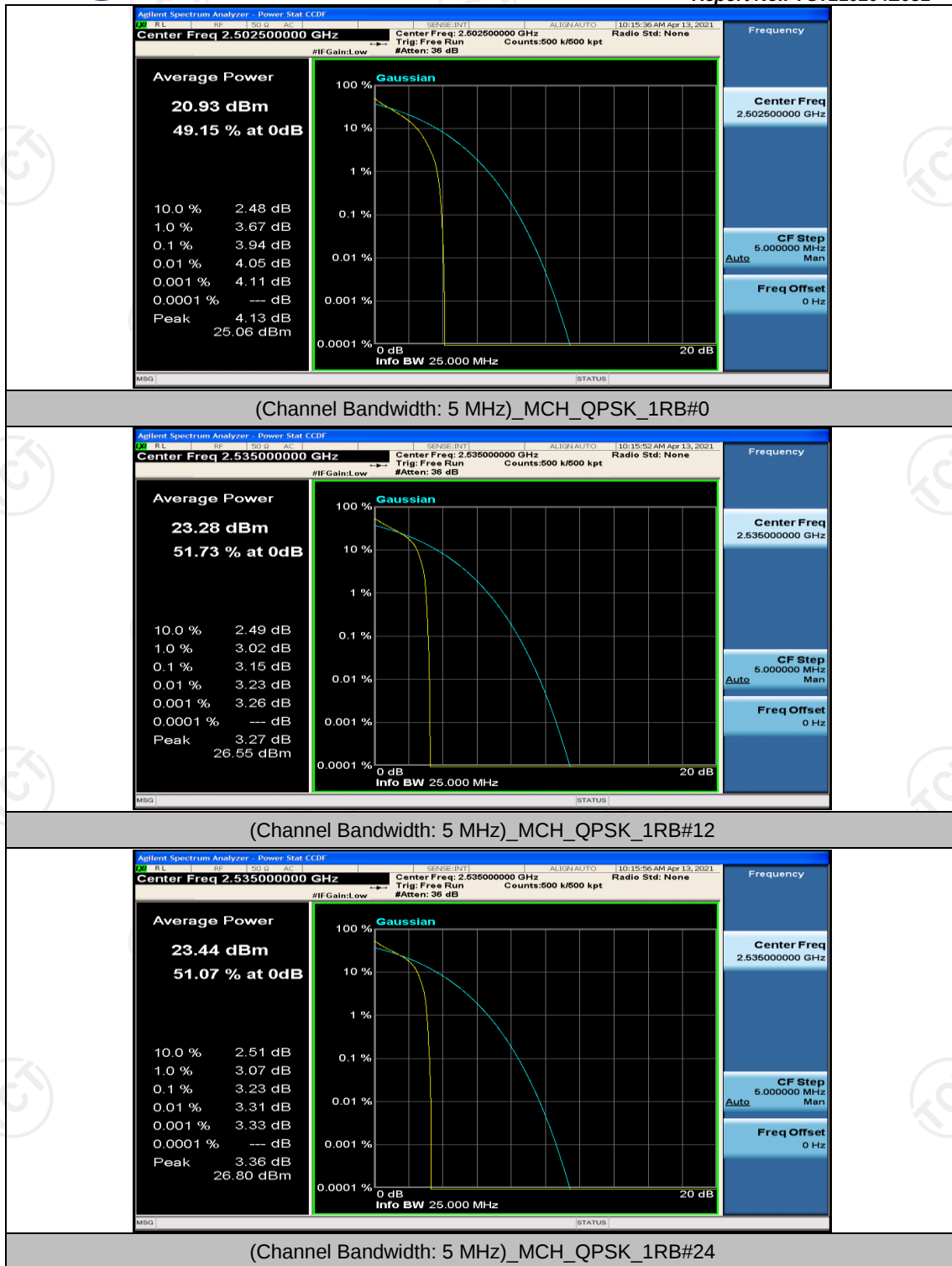
	HCH	1	0	3.68	<13	PASS
		1	49	3.42	<13	PASS
		1	99	3.52	<13	PASS
		50	0	4.48	<13	PASS
		50	25	4.50	<13	PASS
		50	50	4.88	<13	PASS
		100	0	5.05	<13	PASS
16QAM	LCH	1	0	3.84	<13	PASS
		1	49	4.39	<13	PASS
		1	99	4.51	<13	PASS
		50	0	5.30	<13	PASS
		50	25	5.29	<13	PASS
		50	50	5.64	<13	PASS
		100	0	5.77	<13	PASS
	MCH	1	0	4.05	<13	PASS
		1	49	3.96	<13	PASS
		1	99	4.69	<13	PASS
		50	0	5.11	<13	PASS
		50	25	5.10	<13	PASS
		50	50	5.63	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	49	4.28	<13	PASS
		1	99	4.75	<13	PASS
		50	0	5.30	<13	PASS
		50	25	5.31	<13	PASS
		50	50	5.73	<13	PASS
		100	0	5.80	<13	PASS

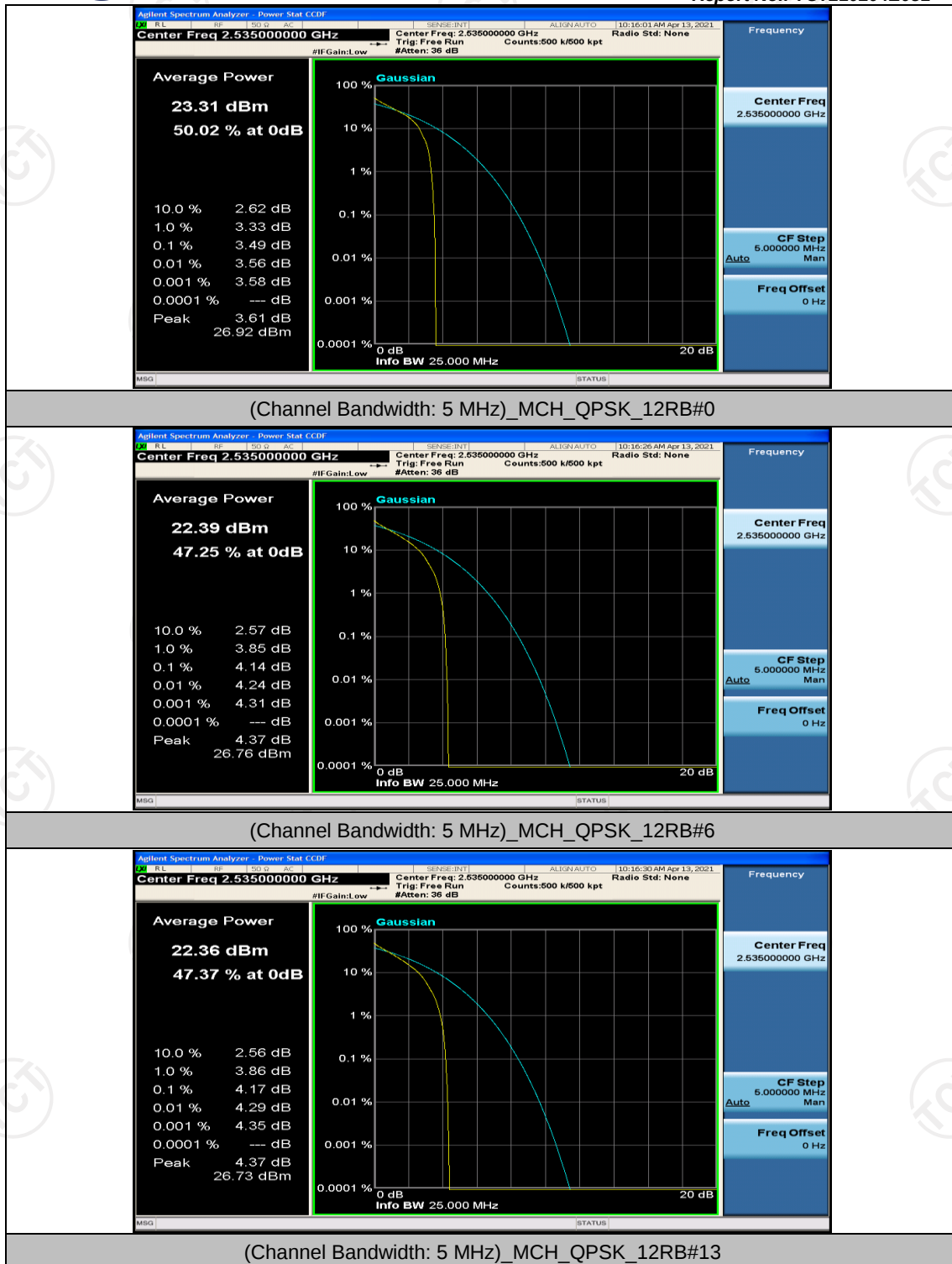
Test Graphs

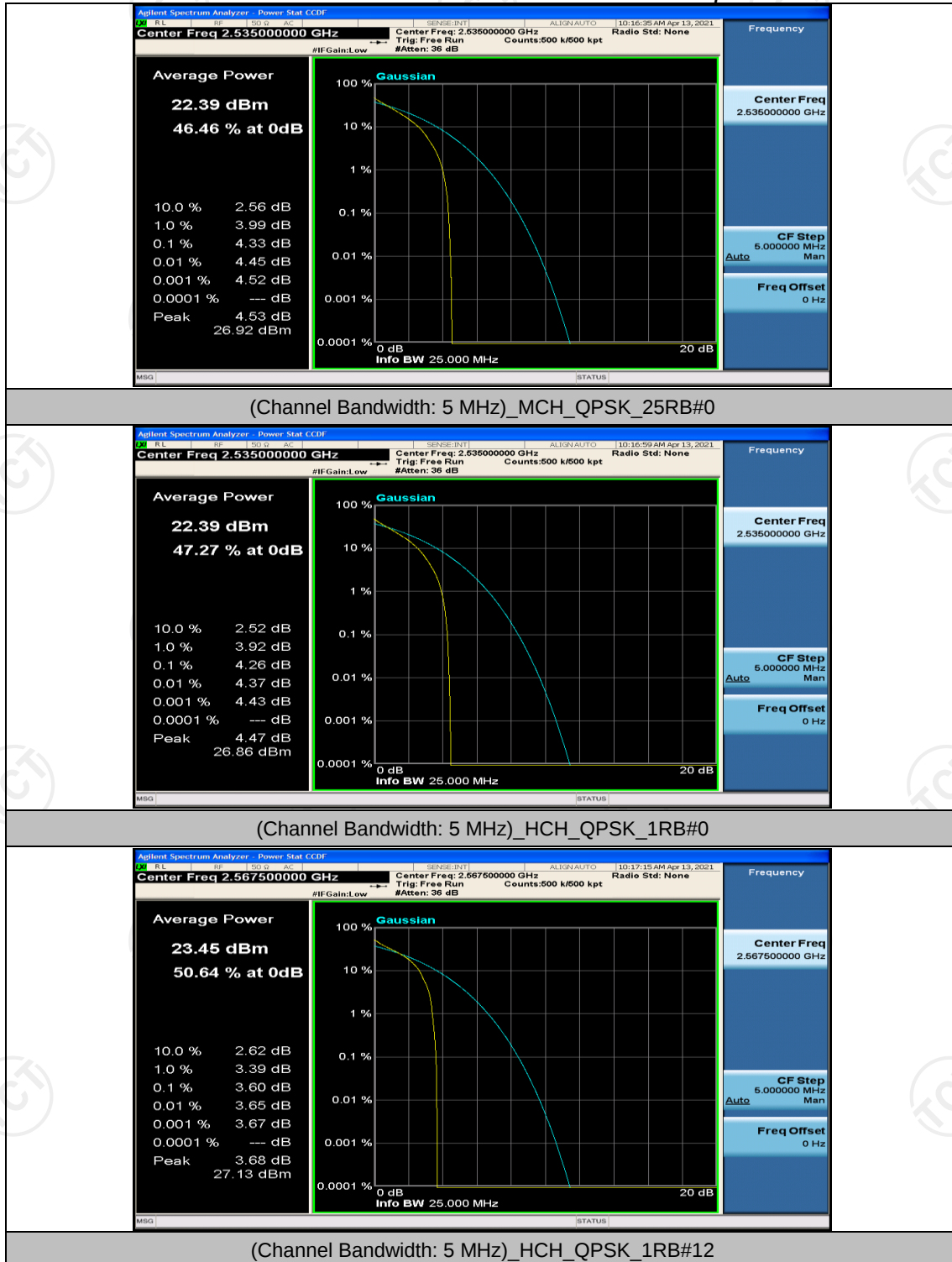
annel Bandwidth: 5 MHz

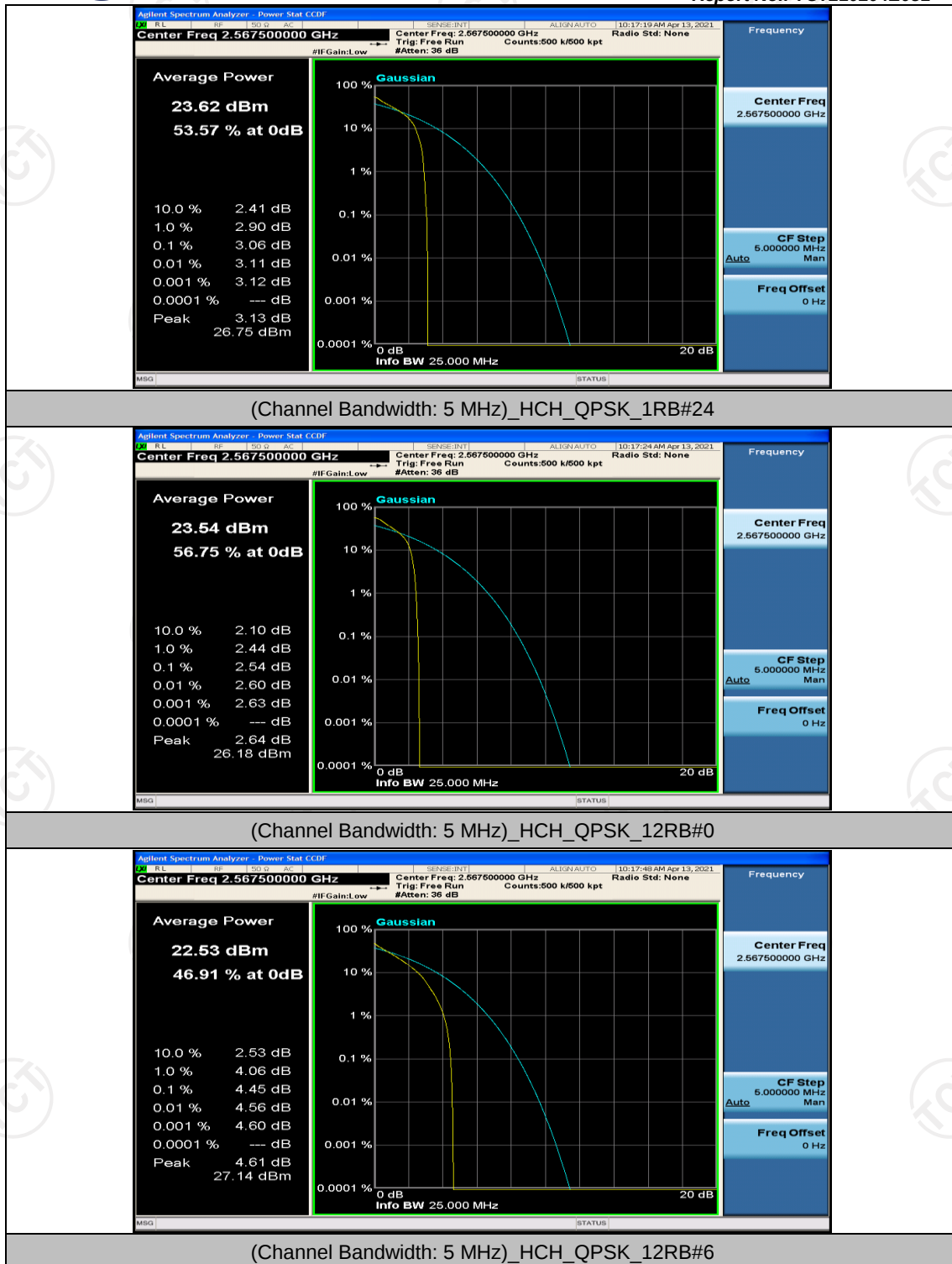


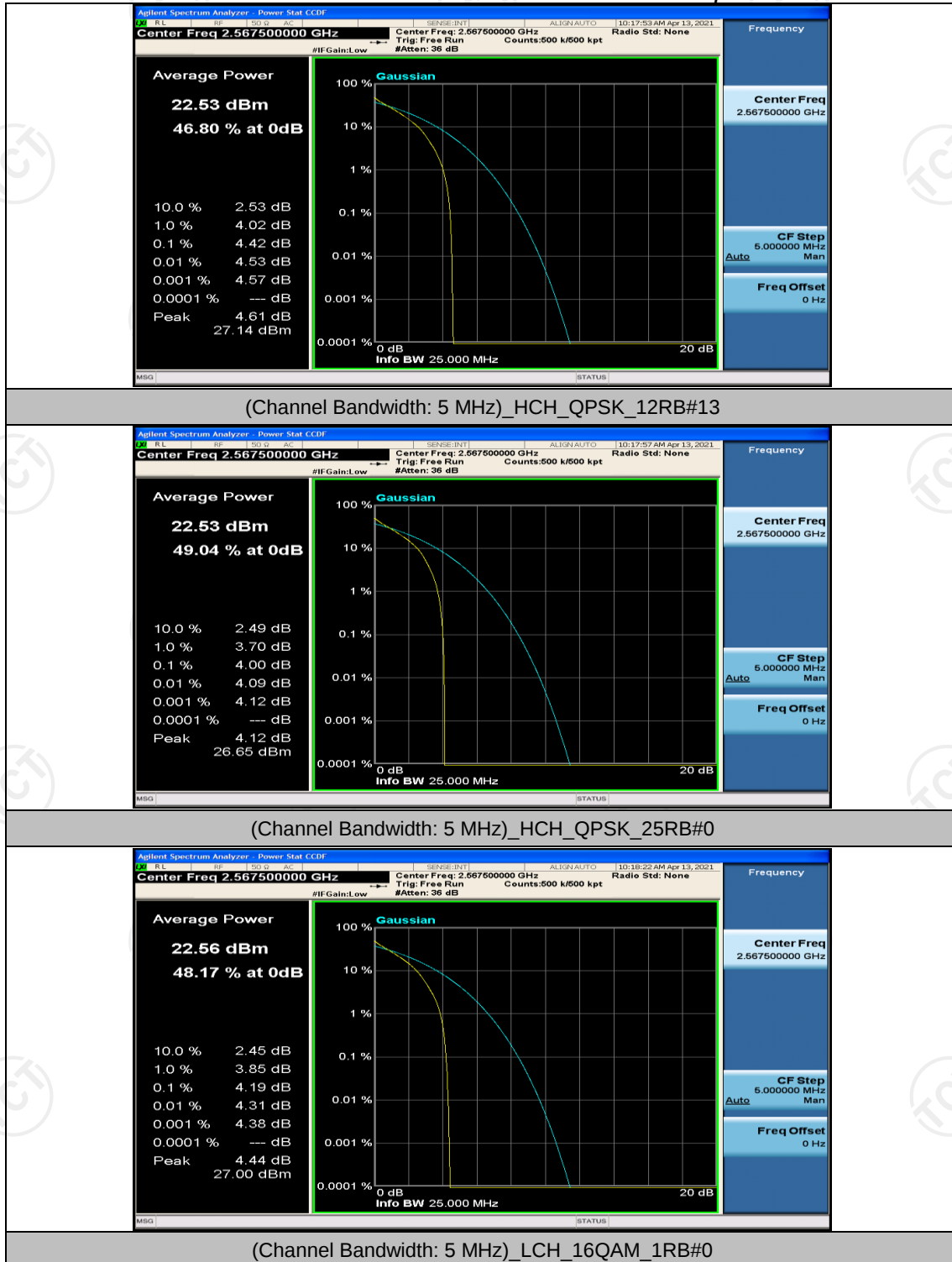


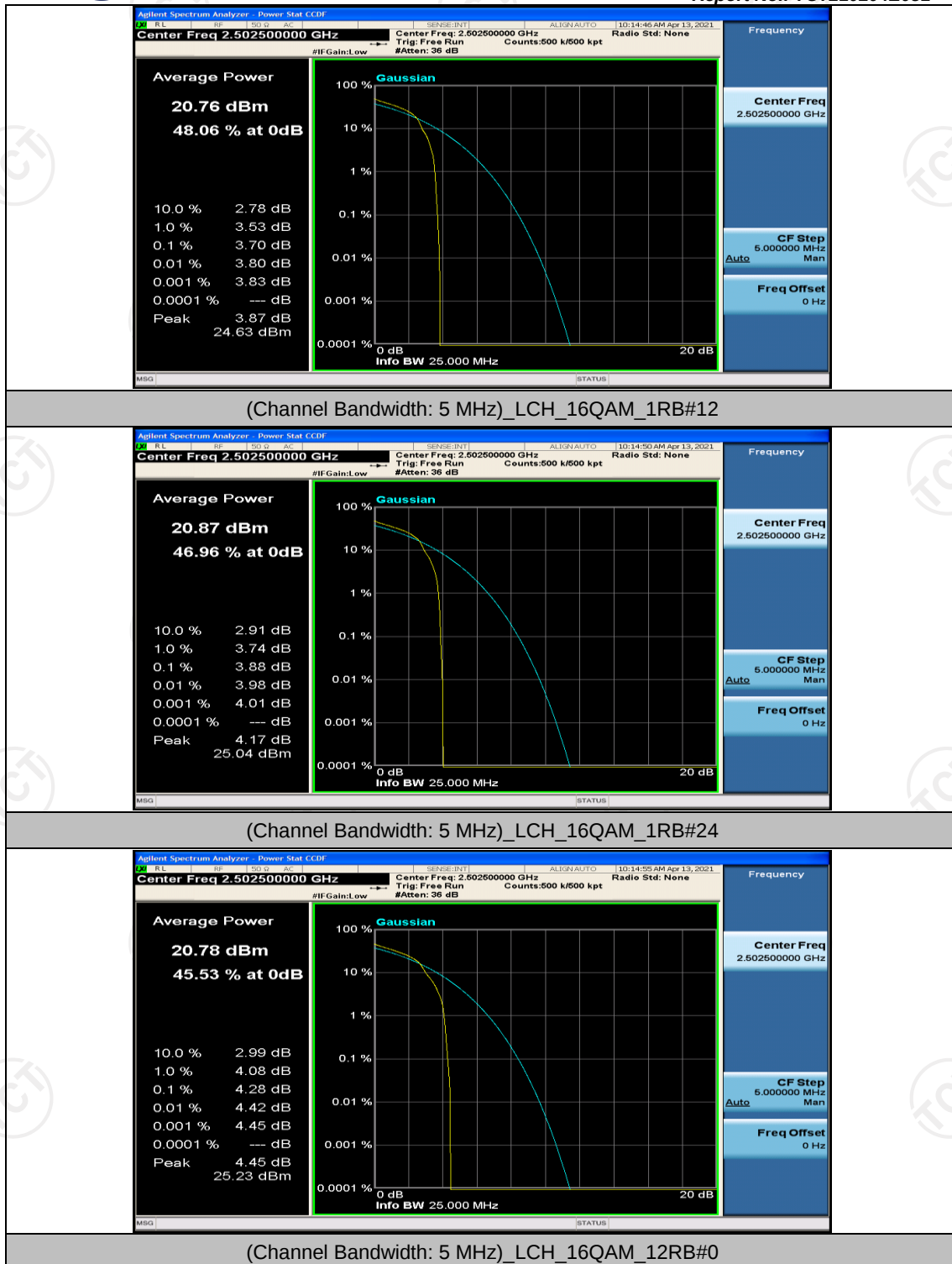


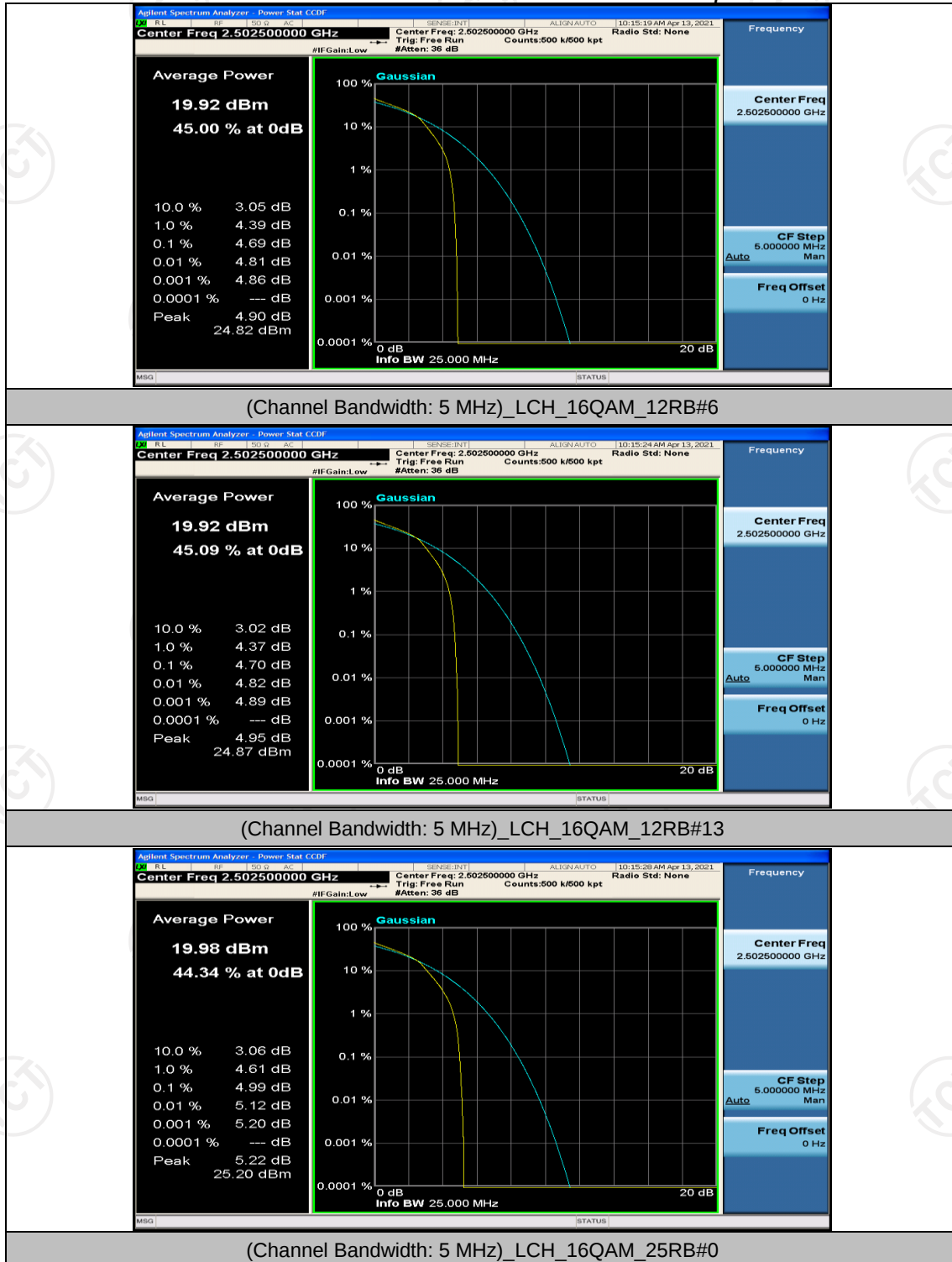


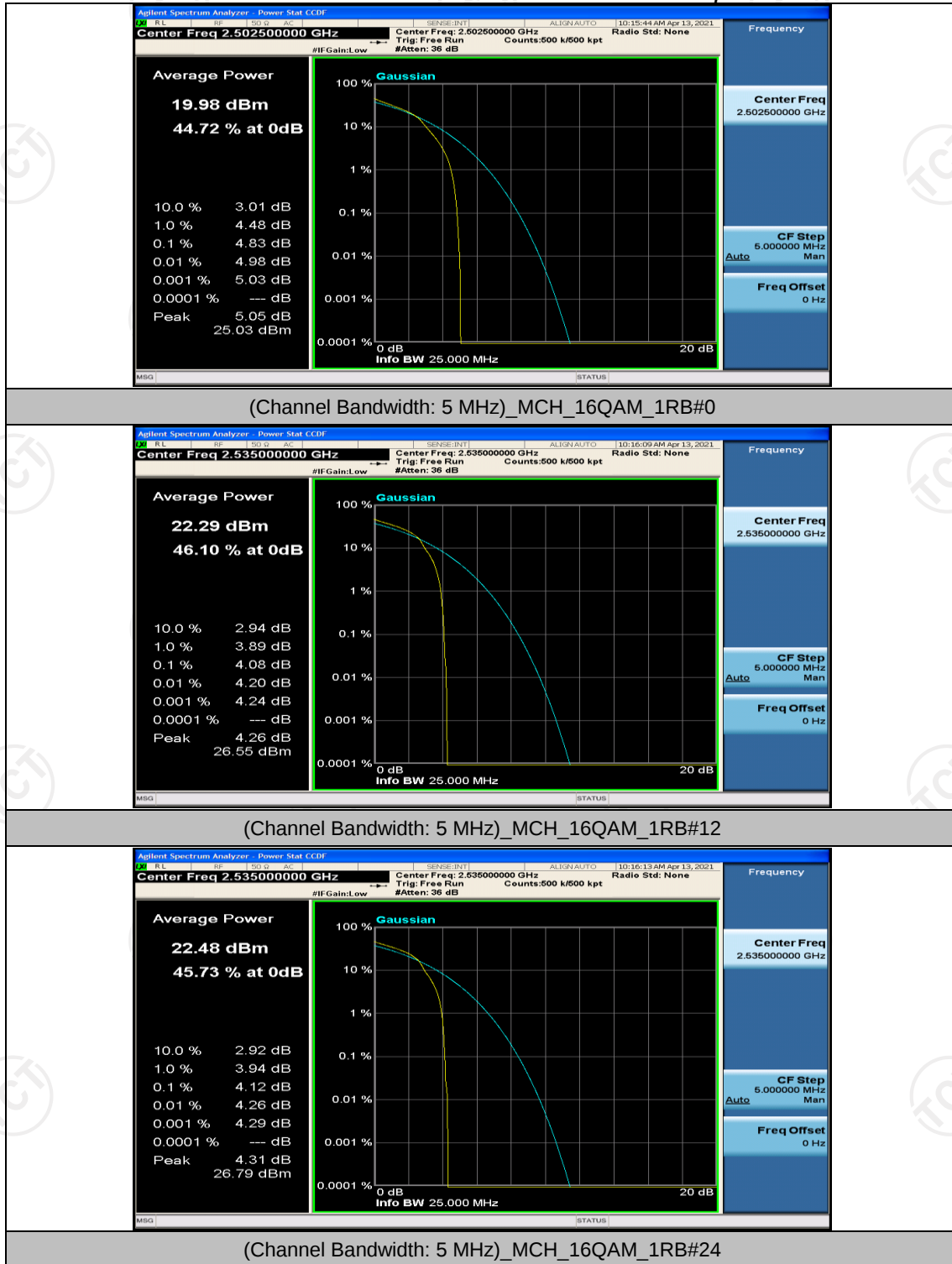


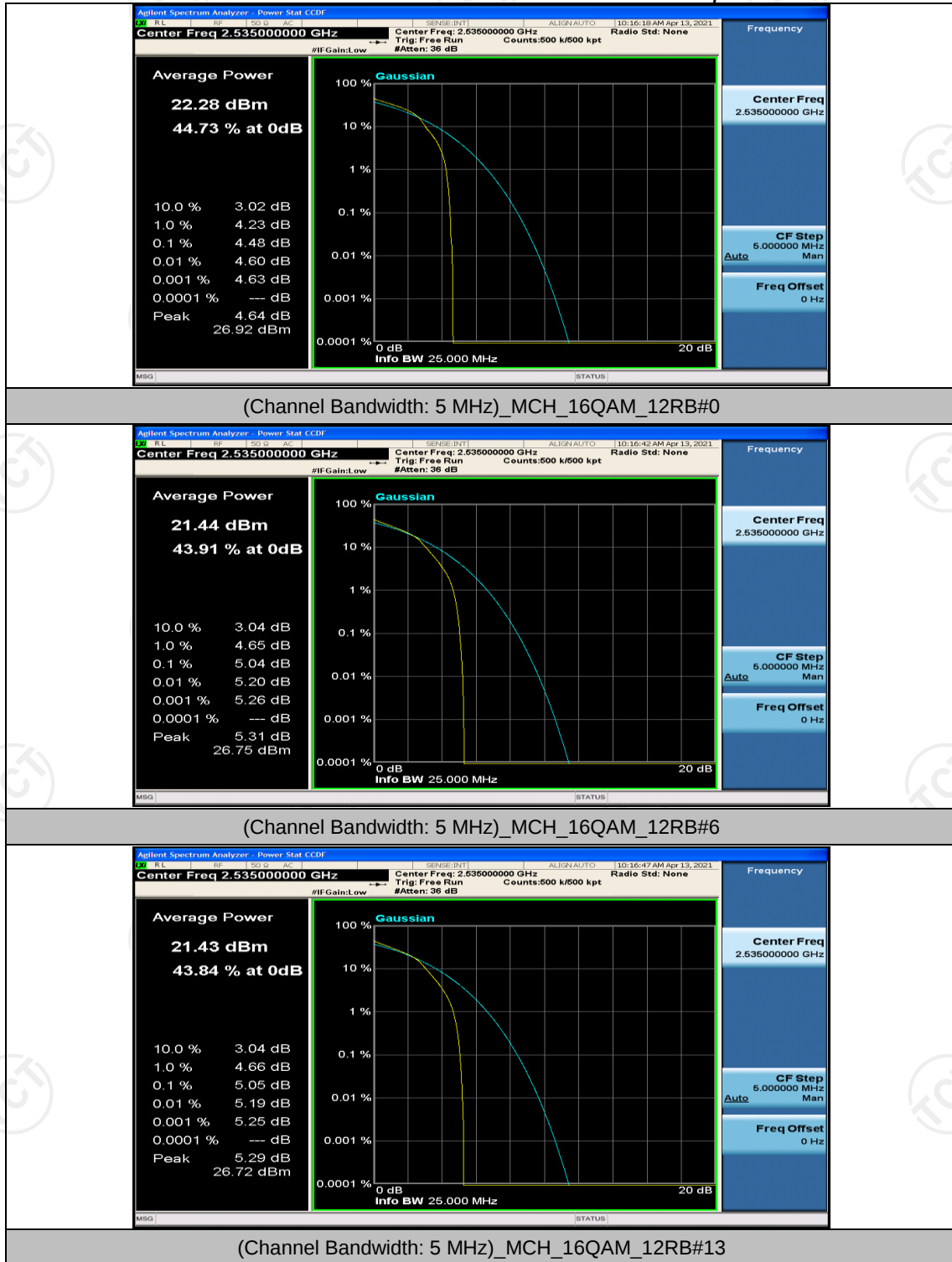


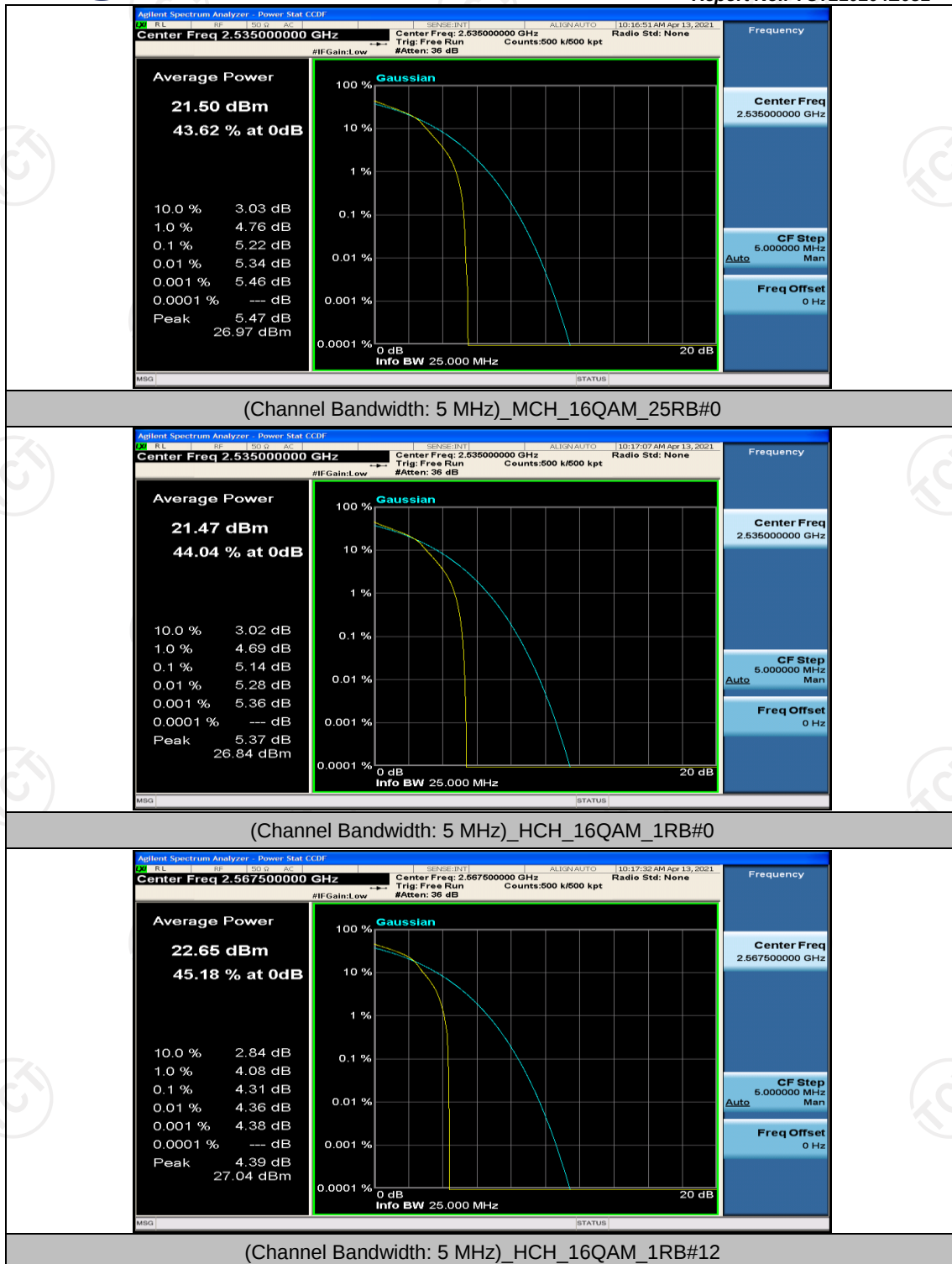


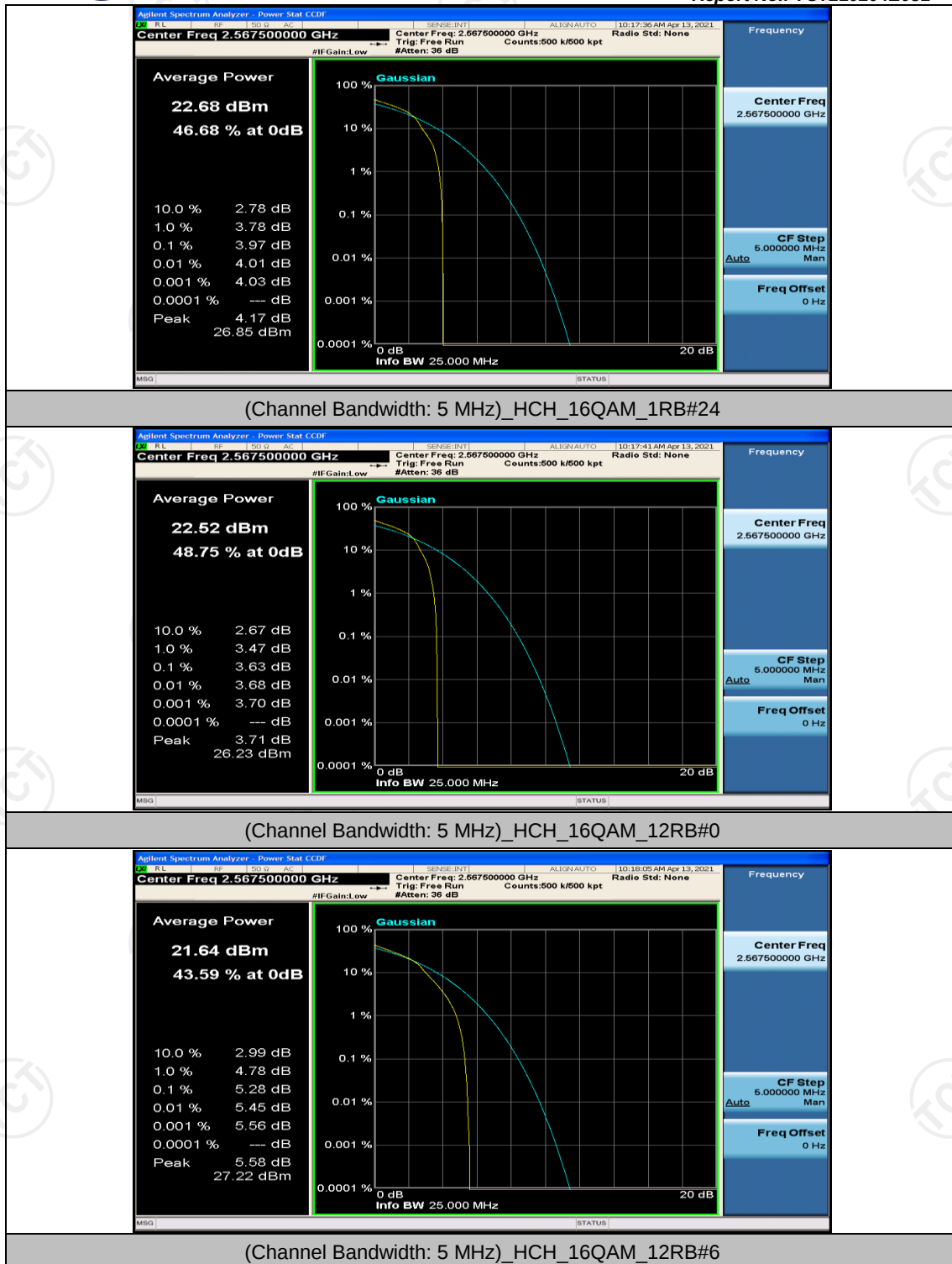


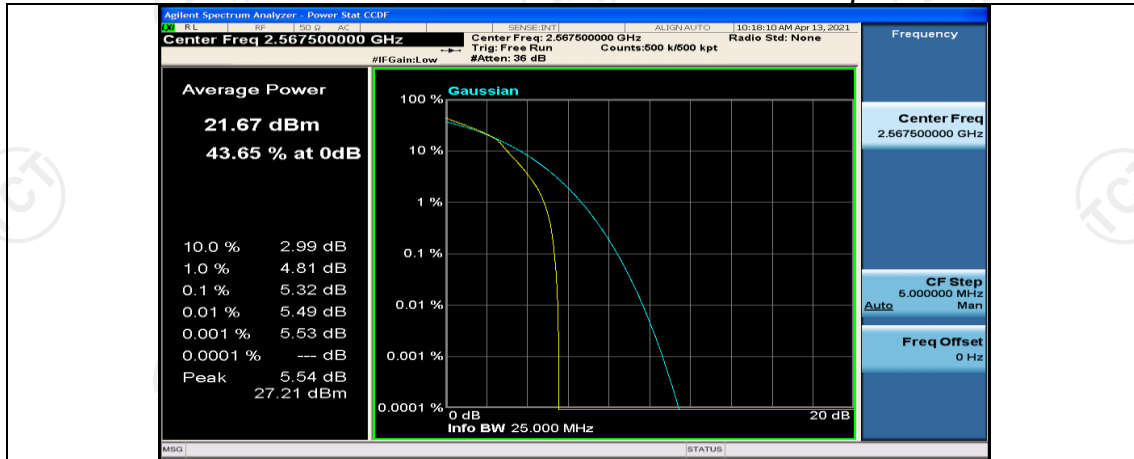




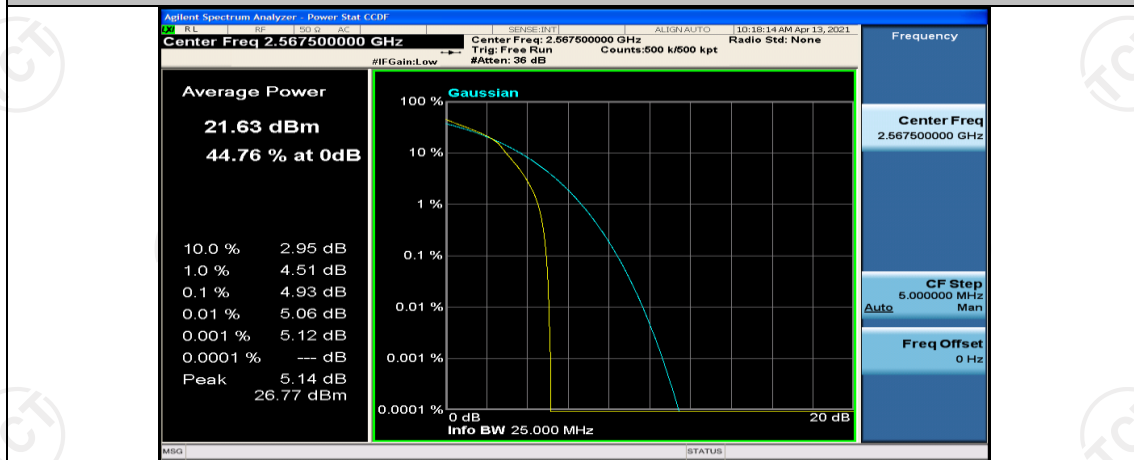




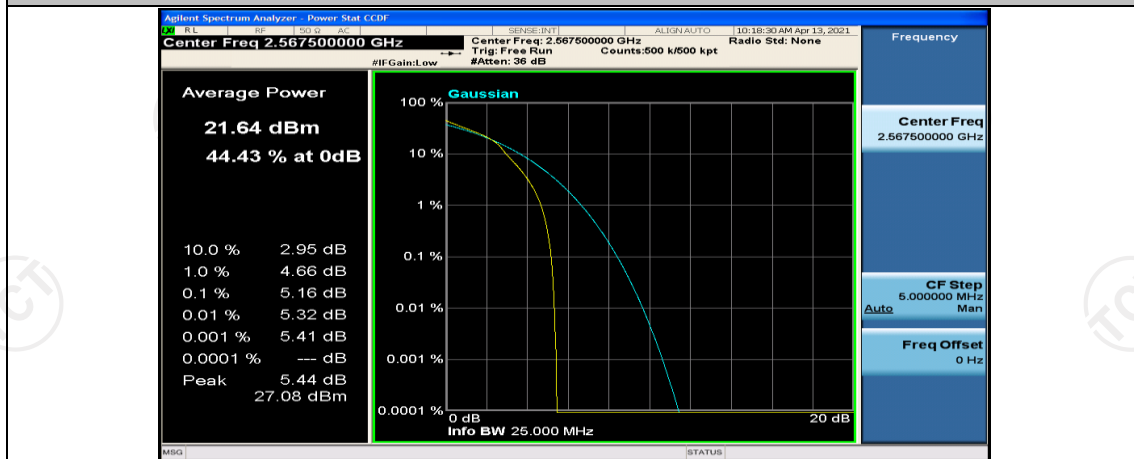




(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

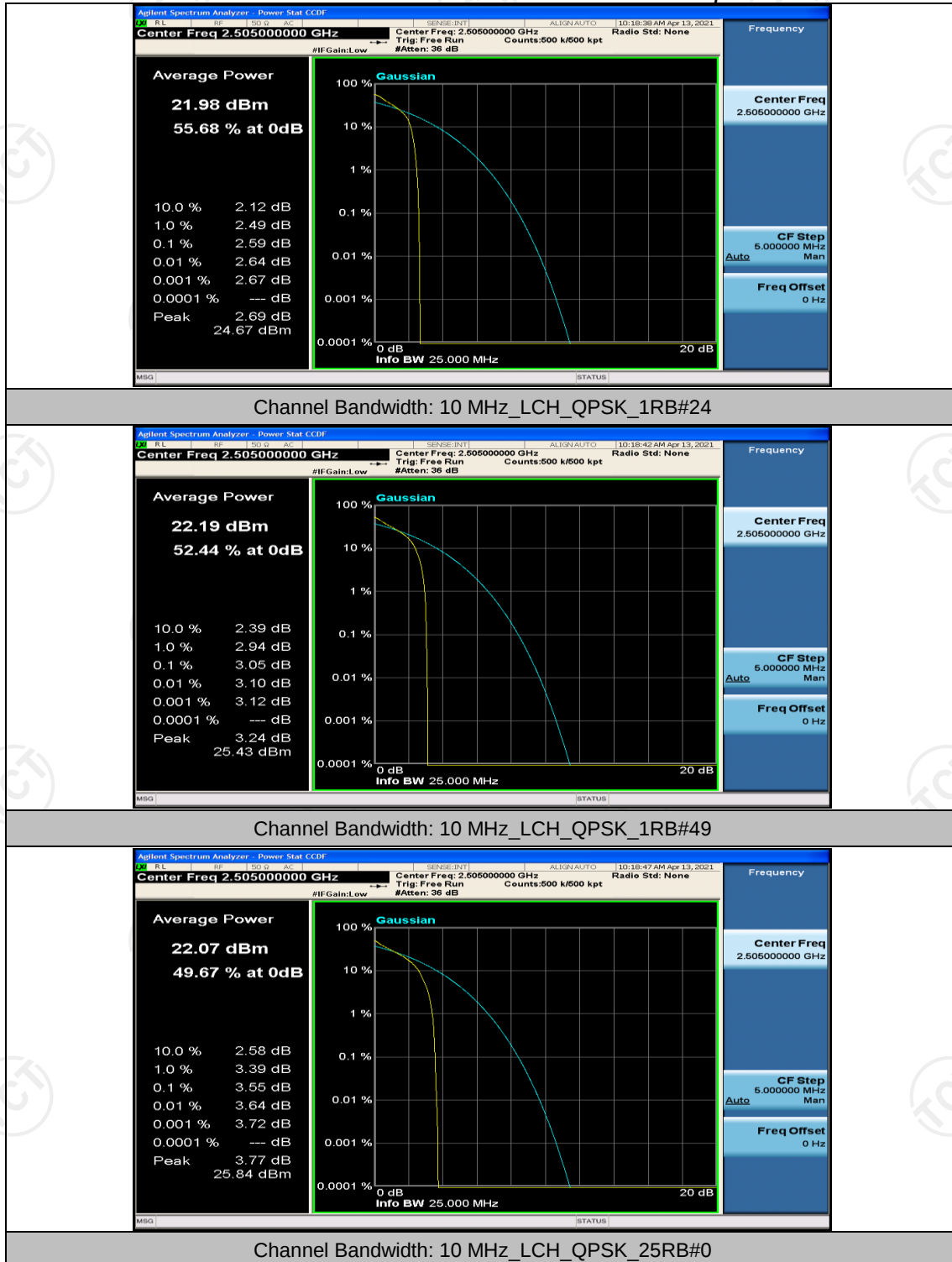


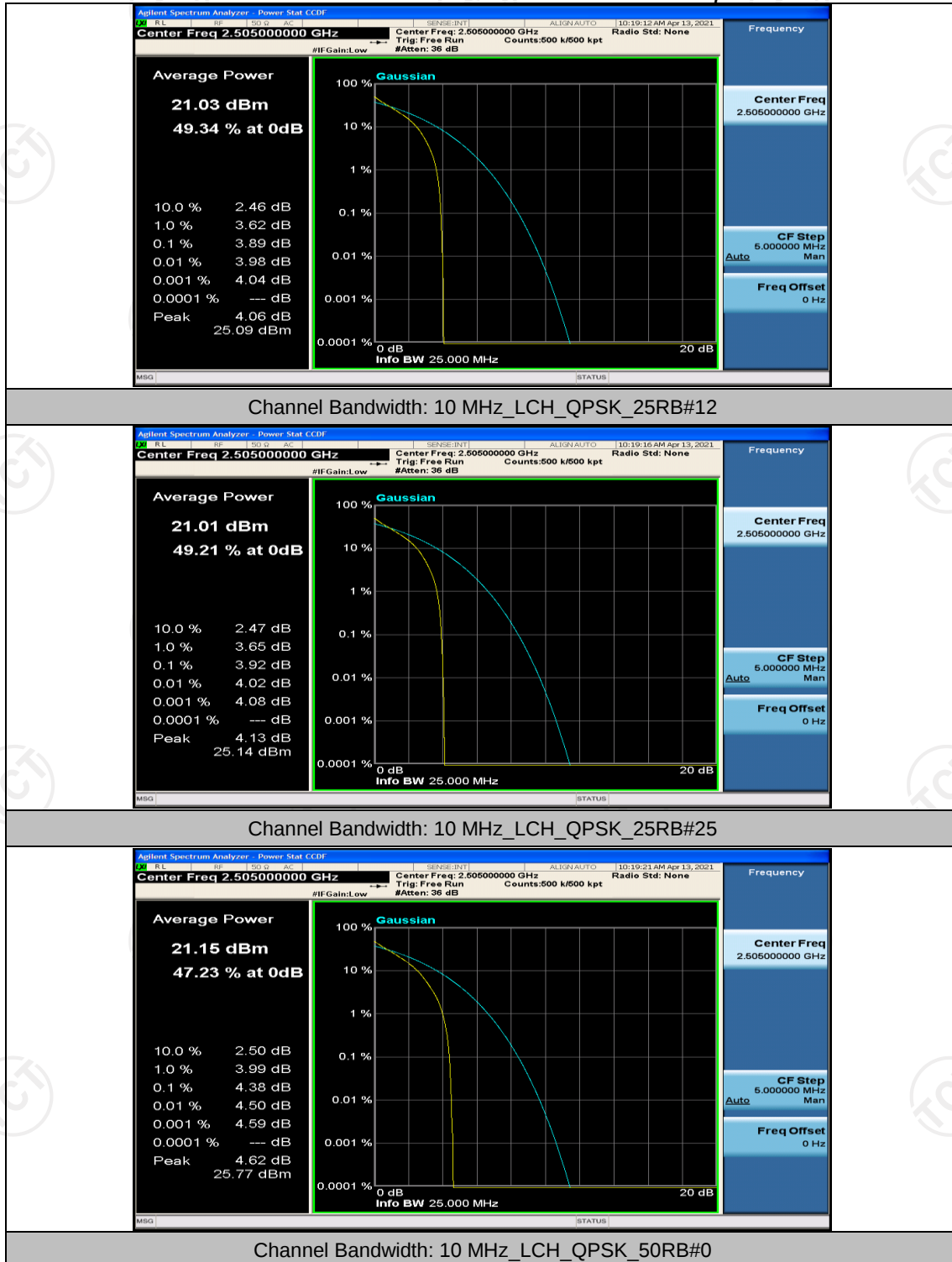
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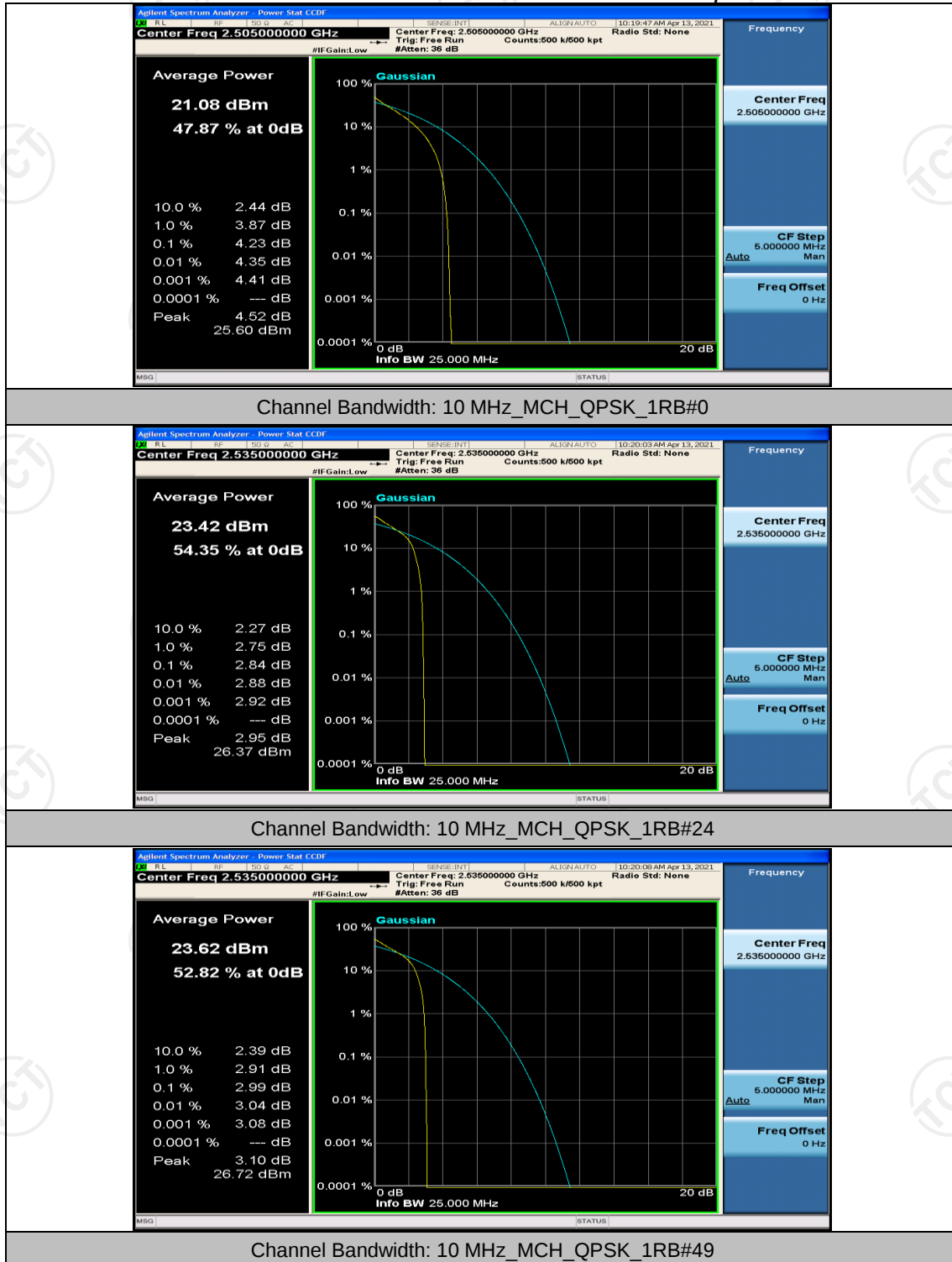


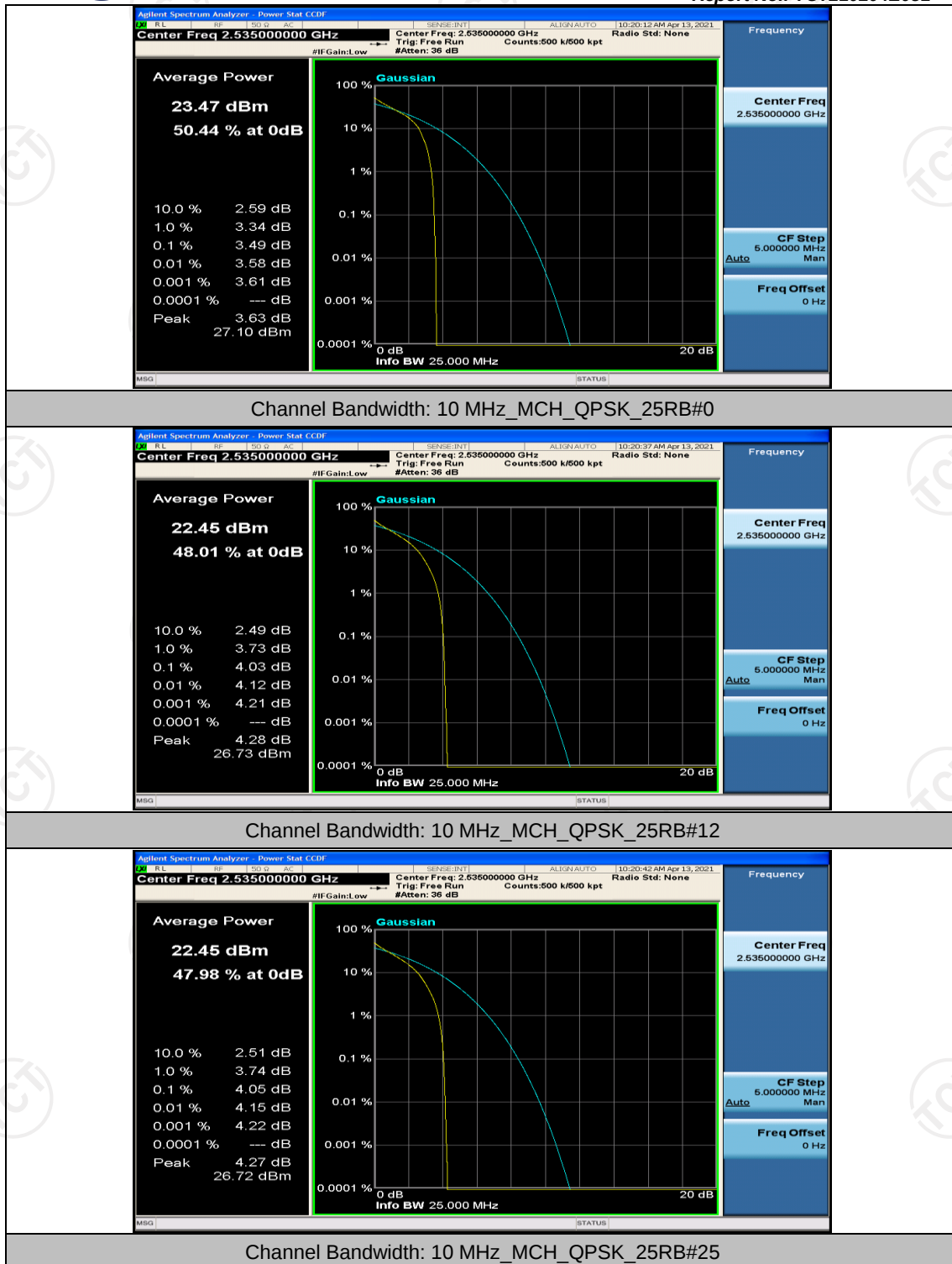
Channel Bandwidth: 10 MHz

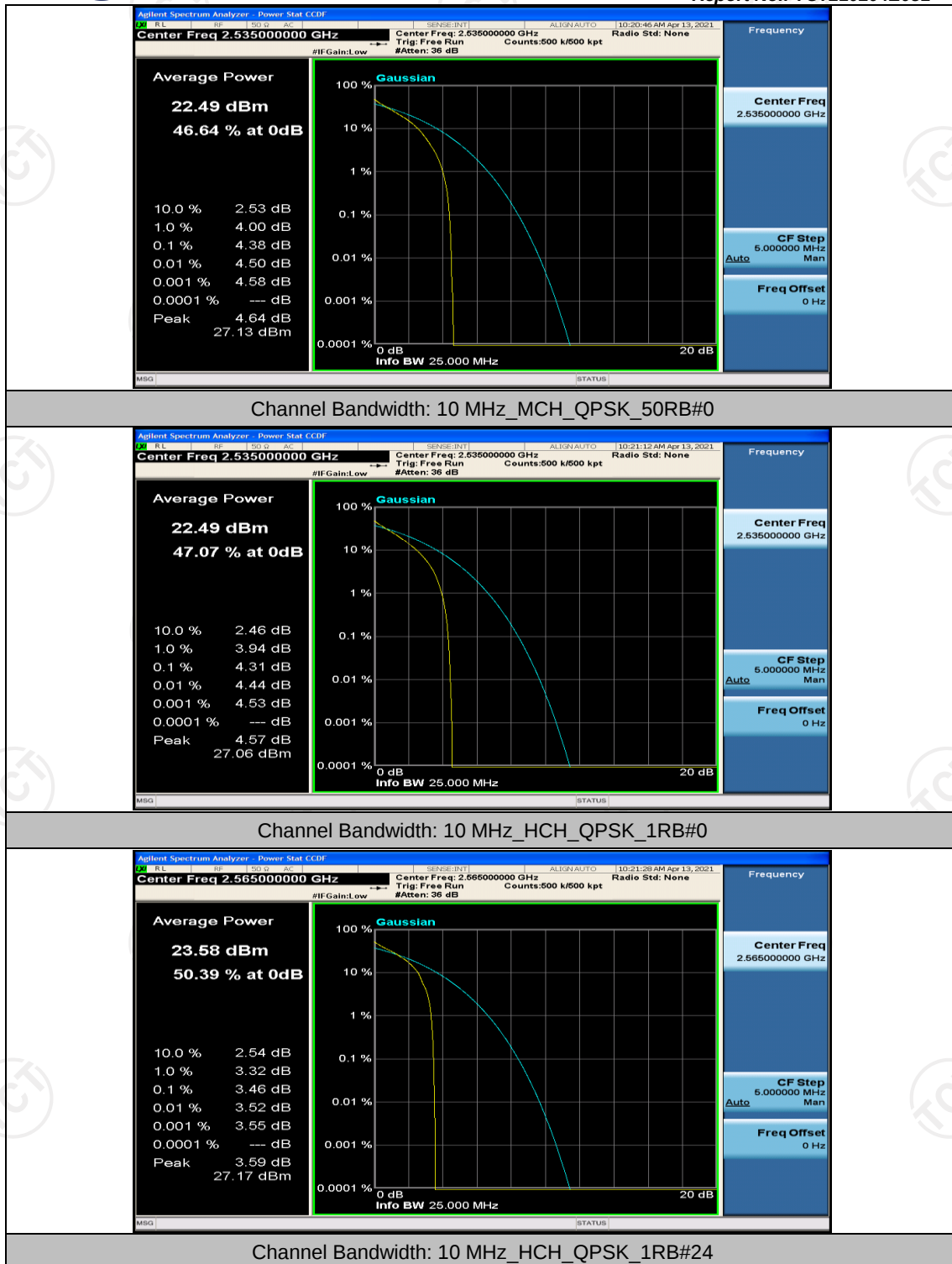
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

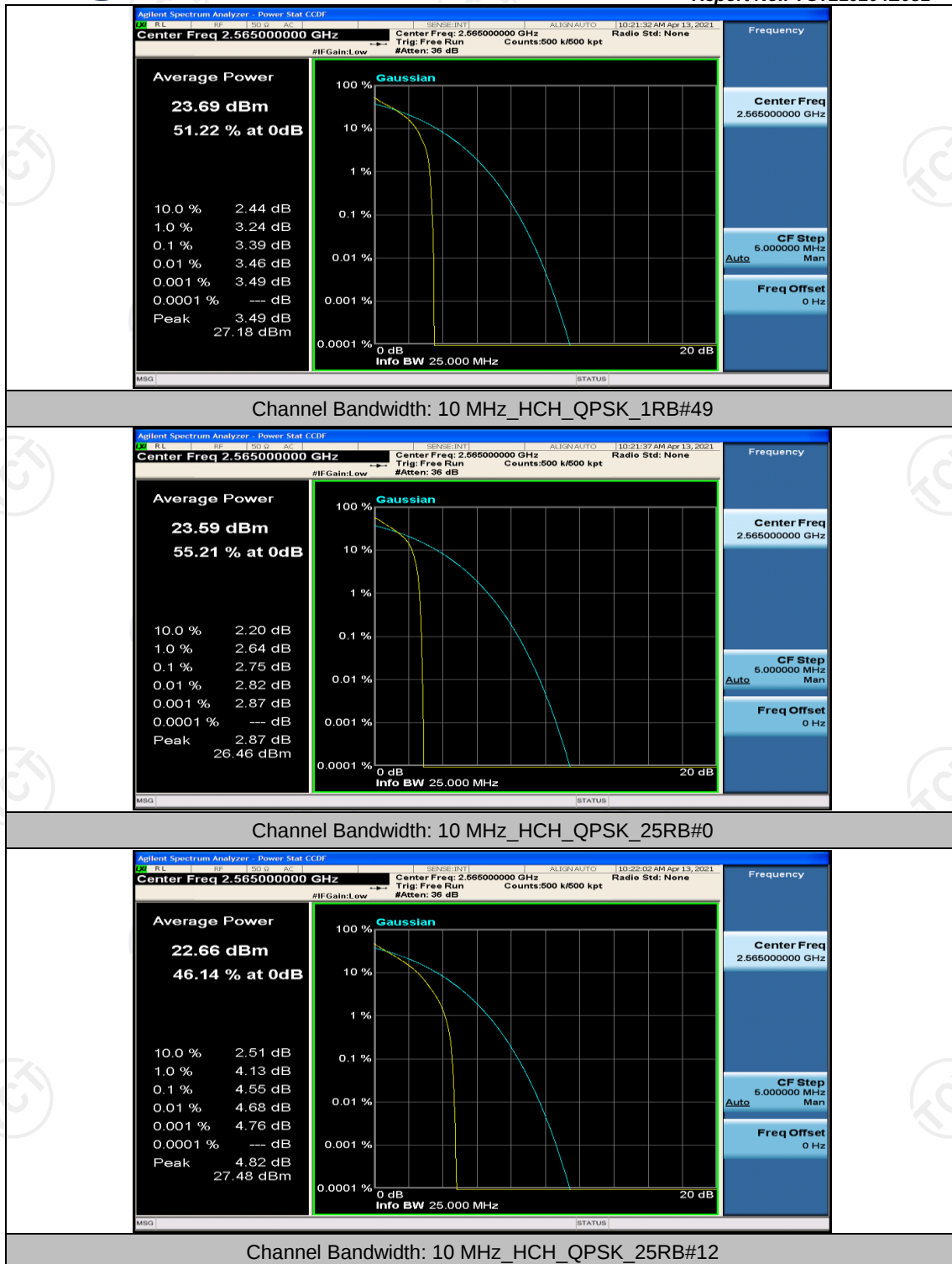


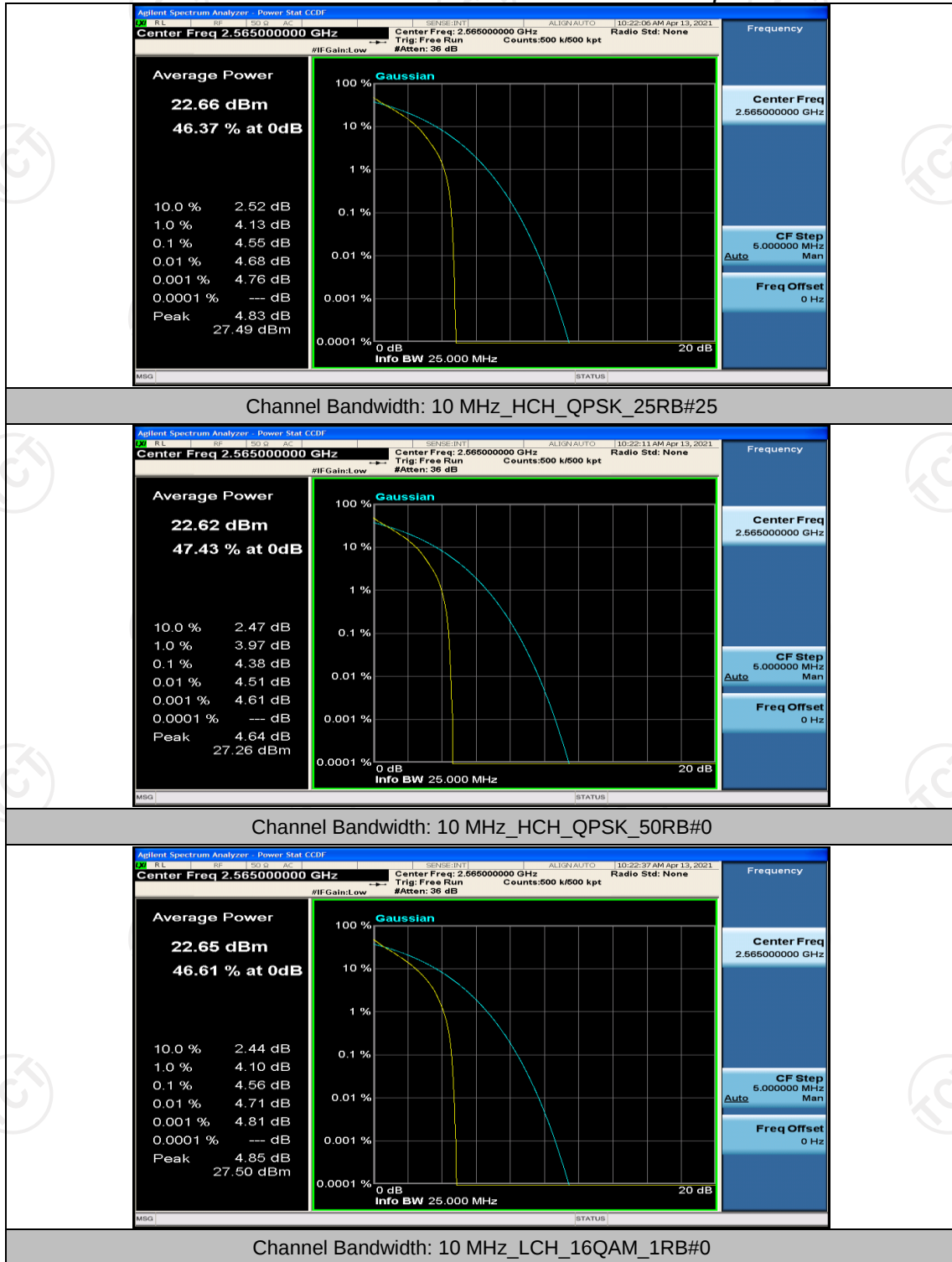


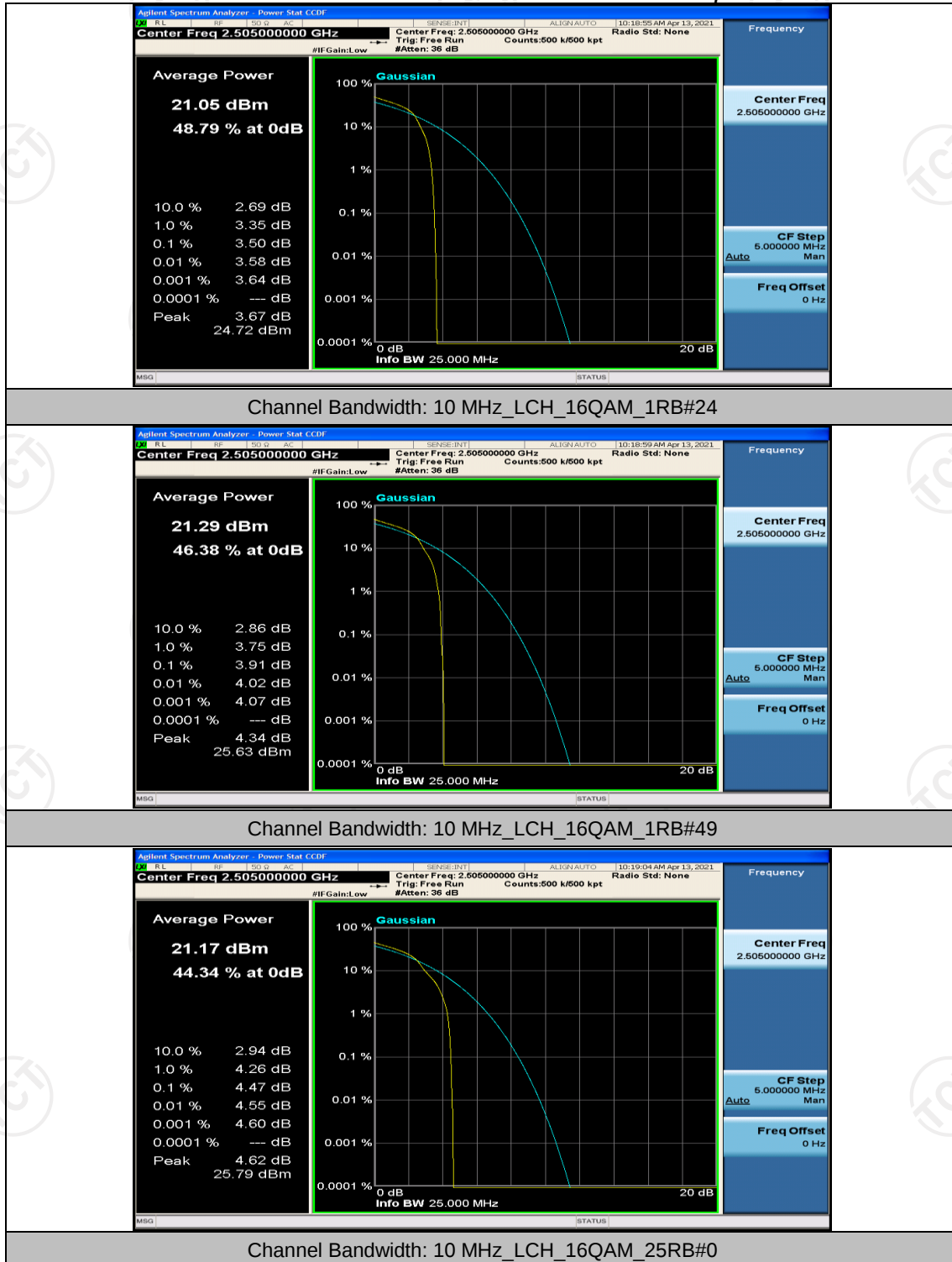


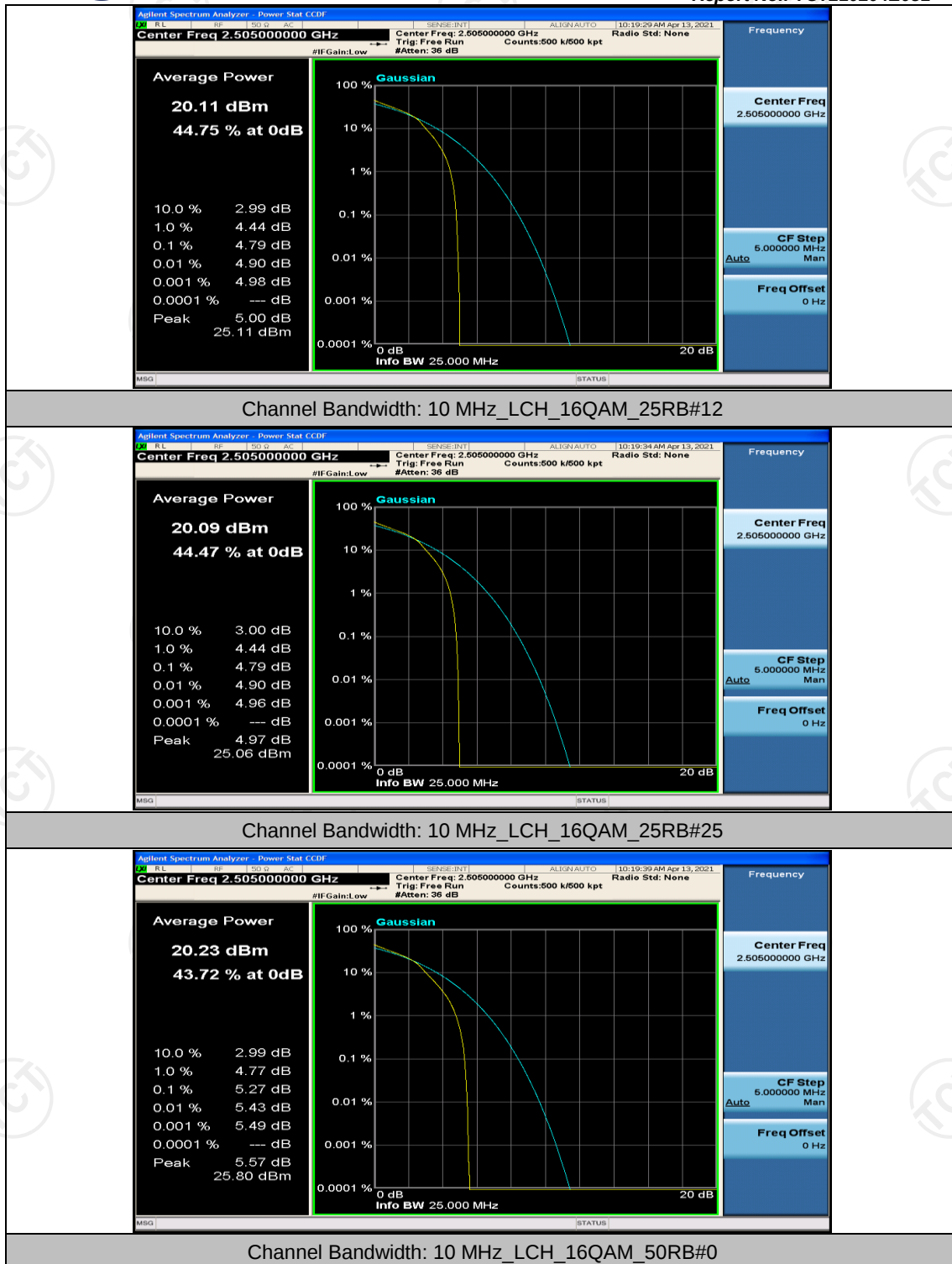


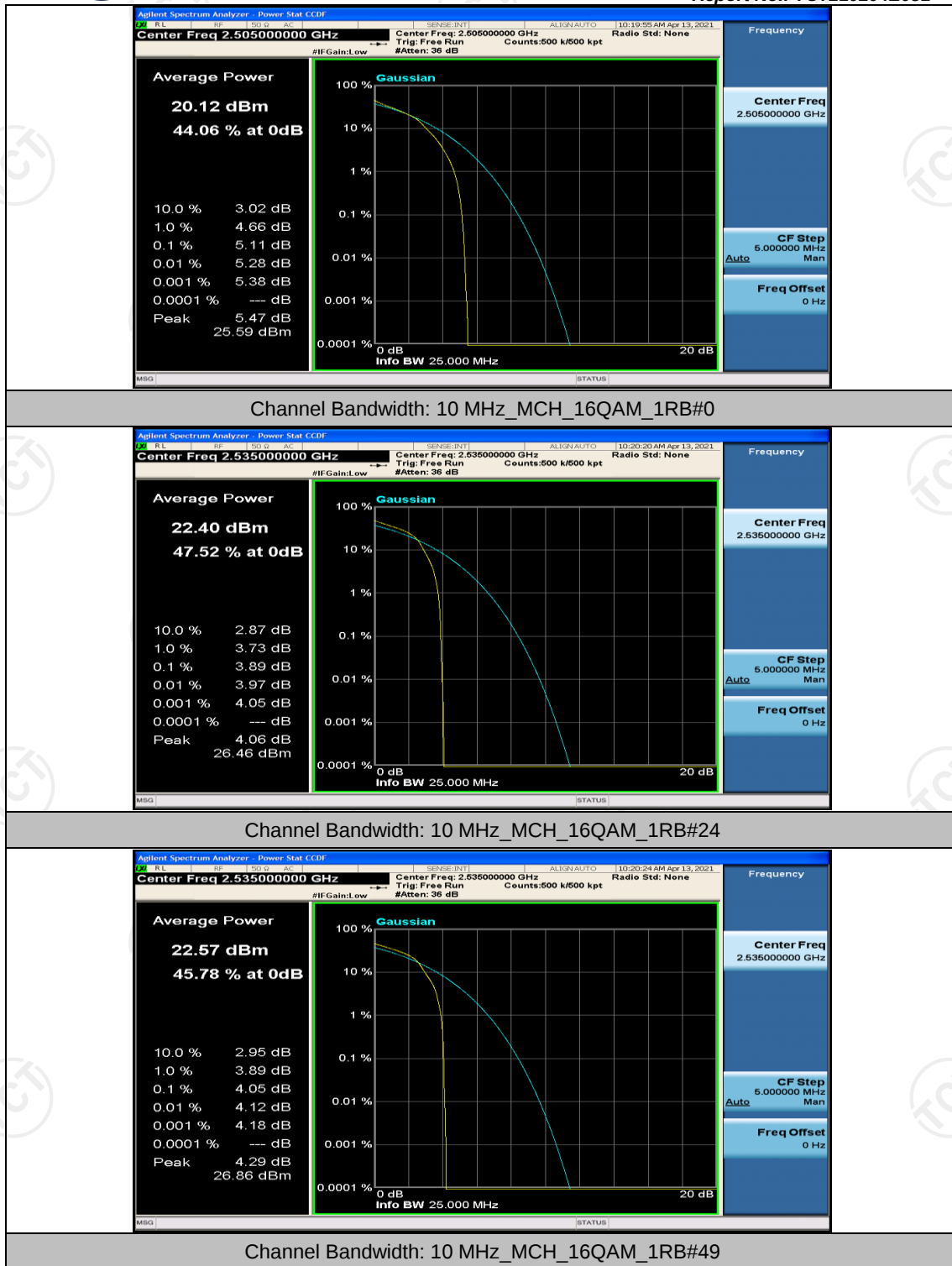


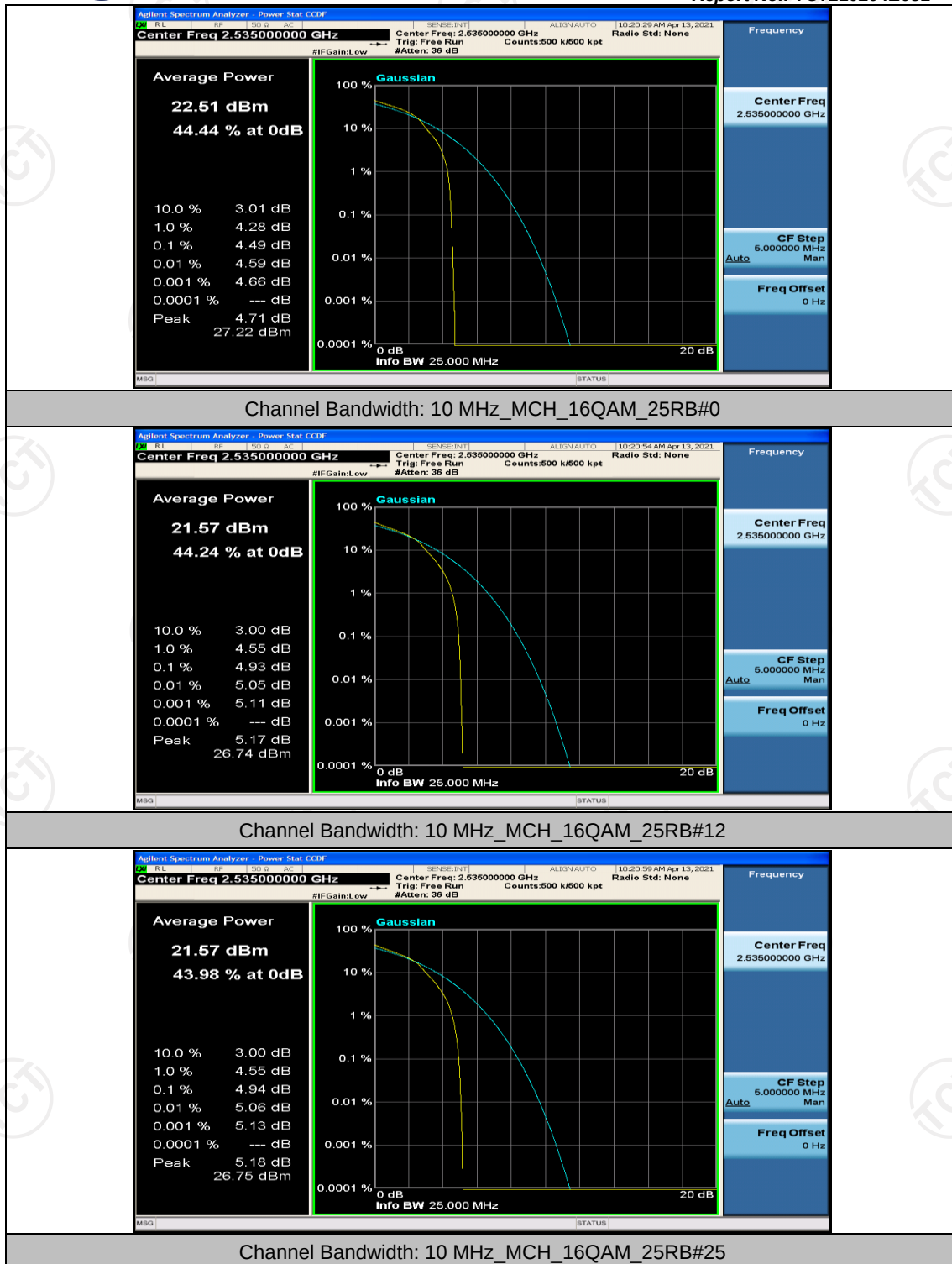


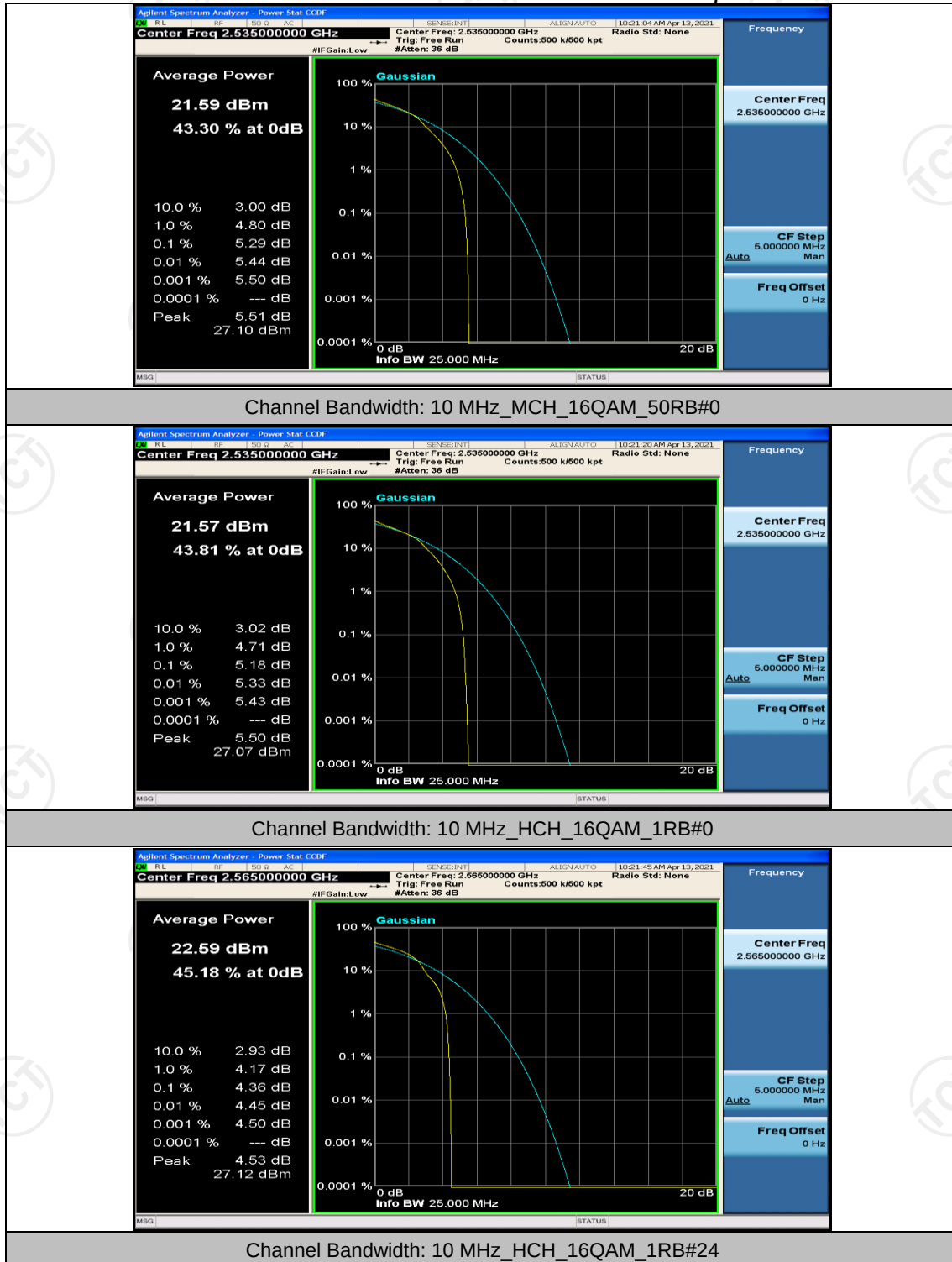


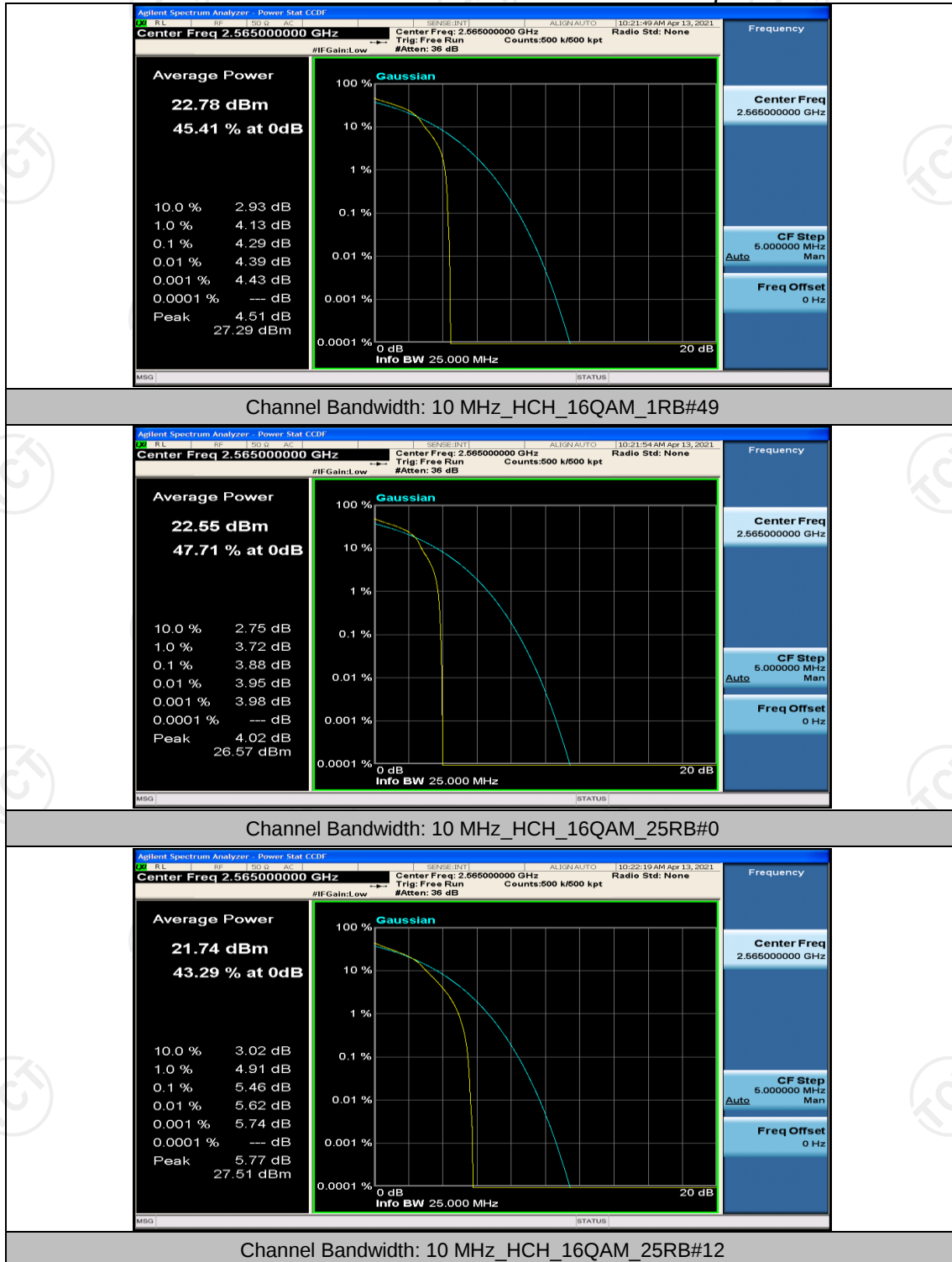


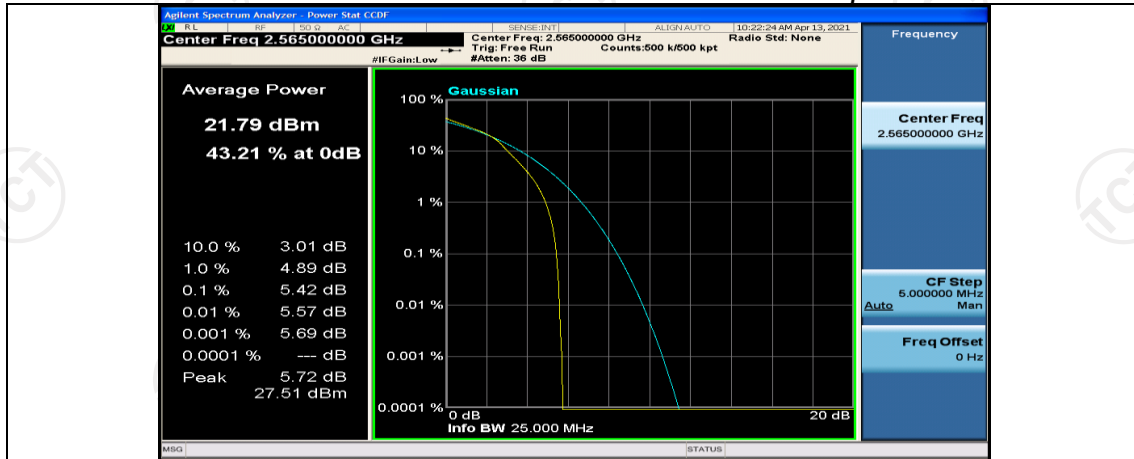




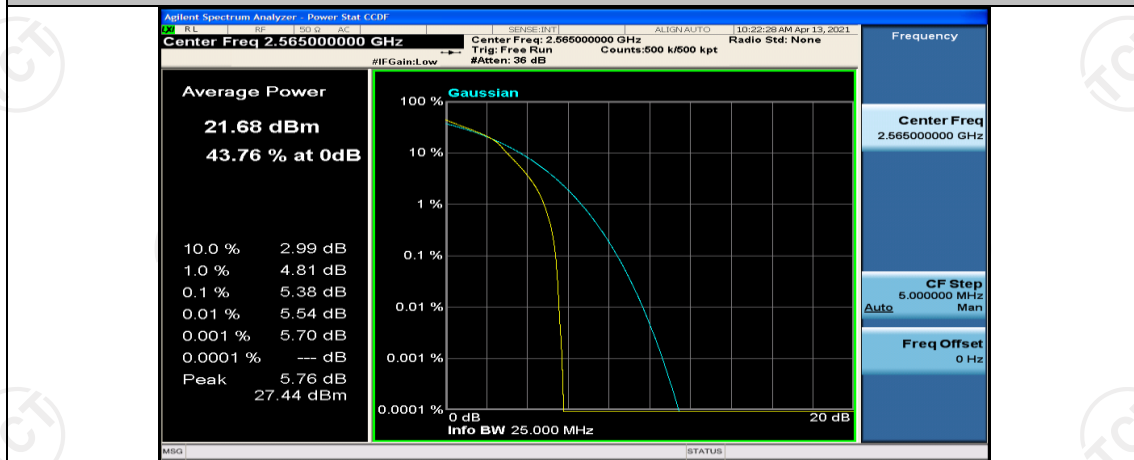




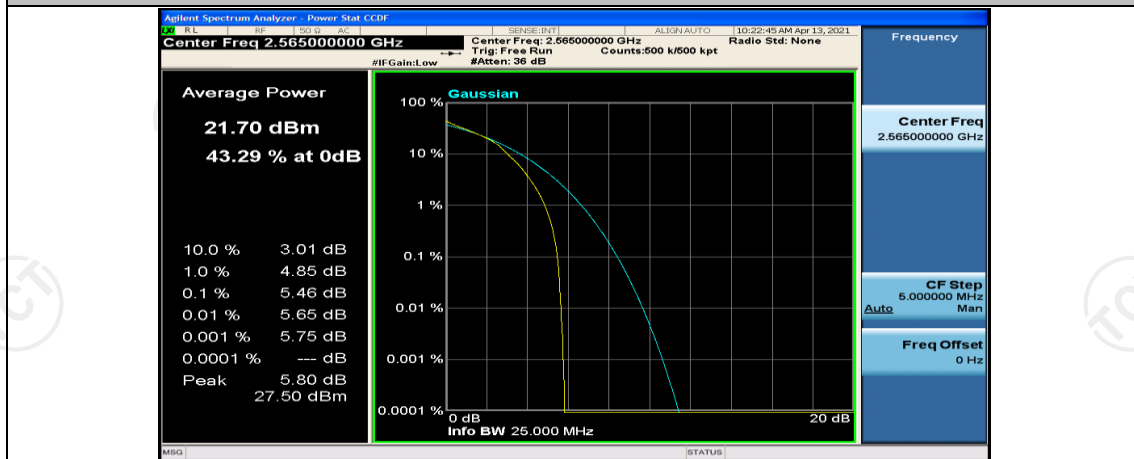




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0