

Appendix C: Test Data for E-UTRA Band 4

Product Name: Cellular Wi-Fi Router

Trade Mark:  Connecting things
Hongdian

Test Model: H8951-NA

Environmental Conditions

Temperature:	24.8° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Tom.Liu

C.1: Effective (Isotropic) Radiated Power Output Data

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.15	22.45	PASS
		1	3	23.05	22.44	PASS
		1	5	22.92	22.25	PASS
		3	0	23.07	22.36	PASS
		3	2	23.05	22.30	PASS
		3	3	22.93	22.17	PASS
		6	0	22.87	21.92	PASS
	MCH	1	0	23.27	22.64	PASS
		1	3	23.35	22.60	PASS
		1	5	23.19	22.38	PASS
		3	0	23.26	22.39	PASS
		3	2	23.34	22.30	PASS
		3	3	23.30	22.19	PASS
		6	0	22.28	21.10	PASS
	HCH	1	0	23.69	22.56	PASS
		1	3	23.91	22.62	PASS
		1	5	23.79	22.55	PASS

		3	0	23.86	22.69	PASS
		3	2	23.98	22.79	PASS
		3	3	23.99	22.51	PASS
		6	0	22.70	22.04	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.25	22.54	PASS
		1	7	23.02	22.37	PASS
		1	14	22.60	21.97	PASS
		8	0	23.01	22.19	PASS
		8	4	22.83	22.06	PASS
		8	7	22.65	21.85	PASS
		15	0	22.80	21.73	PASS
	MCH	1	0	23.18	22.52	PASS
		1	7	23.37	22.45	PASS
		1	14	23.50	22.21	PASS
		8	0	22.23	21.36	PASS
		8	4	22.33	21.34	PASS
		8	7	22.11	21.34	PASS
		15	0	22.32	21.34	PASS
	HCH	1	0	23.54	22.66	PASS
		1	7	24.14	23.11	PASS
		1	14	24.13	23.19	PASS
		8	0	22.56	21.59	PASS
		8	4	22.74	21.73	PASS
		8	7	22.79	21.64	PASS
		15	0	22.60	21.72	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.17	22.60	PASS
		1	12	22.79	22.19	PASS
		1	24	22.33	21.80	PASS
		12	0	22.86	21.99	PASS
		12	6	22.64	21.87	PASS
		12	13	22.38	21.61	PASS
		25	0	22.58	21.74	PASS
	MCH	1	0	23.13	22.50	PASS
		1	12	23.35	22.46	PASS
		1	24	23.57	22.47	PASS
		12	0	22.26	21.26	PASS
		12	6	22.23	21.35	PASS
		12	13	22.24	21.22	PASS
		25	0	22.23	21.39	PASS
	HCH	1	0	23.38	22.04	PASS
		1	12	24.18	22.37	PASS
		1	24	24.34	22.38	PASS
		12	0	22.60	21.65	PASS
		12	6	22.81	21.92	PASS
		12	13	22.88	21.96	PASS
		25	0	22.74	21.98	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.37	21.77	PASS
		1	24	22.48	21.89	PASS
		1	49	22.32	21.74	PASS
		25	0	22.34	21.44	PASS
		25	12	22.35	21.47	PASS
		25	25	22.31	21.42	PASS
		50	0	22.31	21.44	PASS
	MCH	1	0	22.70	22.10	PASS
		1	24	23.38	22.78	PASS
		1	49	23.45	22.84	PASS
		25	0	22.27	21.21	PASS
		25	12	22.22	21.15	PASS
		25	25	22.12	21.13	PASS
		50	0	22.15	21.22	PASS
	HCH	1	0	22.55	22.03	PASS
		1	24	23.46	23.00	PASS
		1	49	23.85	23.38	PASS
		25	0	22.43	21.42	PASS
		25	12	22.70	21.78	PASS
		25	25	22.78	21.85	PASS
		50	0	22.52	21.69	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.22	21.54	PASS
		1	37	22.68	22.08	PASS
		1	74	23.17	22.53	PASS
		37	0	22.12	21.22	PASS
		37	18	22.58	21.68	PASS
		37	38	23.11	22.23	PASS
		75	0	22.60	21.75	PASS
	MCH	1	0	22.98	22.35	PASS
		1	37	23.30	22.71	PASS
		1	74	23.53	22.96	PASS
		37	0	22.38	21.50	PASS
		37	18	22.22	21.34	PASS
		37	38	22.07	21.16	PASS
		75	0	22.26	21.38	PASS
	HCH	1	0	23.17	22.87	PASS
		1	37	23.05	22.53	PASS
		1	74	23.61	23.05	PASS
		37	0	22.29	21.25	PASS
		37	18	22.49	21.41	PASS
		37	38	22.71	21.82	PASS
		75	0	22.52	21.58	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	21.87	21.05	PASS
		1	49	23.36	22.59	PASS
		1	99	22.25	21.44	PASS
		50	0	22.14	21.19	PASS
		50	25	23.11	22.21	PASS
		50	50	22.92	21.93	PASS
		100	0	22.71	21.82	PASS
	MCH	1	0	22.95	22.16	PASS
		1	49	23.35	22.30	PASS
		1	99	23.08	21.46	PASS
		50	0	22.52	21.60	PASS
		50	25	22.25	21.19	PASS
		50	50	22.07	21.16	PASS
		100	0	22.29	21.39	PASS
	HCH	1	0	22.98	21.90	PASS
		1	49	23.38	22.22	PASS
		1	99	23.37	22.69	PASS
		50	0	22.17	21.15	PASS
		50	25	22.28	21.26	PASS
		50	50	22.54	21.42	PASS
		100	0	22.31	21.35	PASS

C.2: 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	4.52	<13	PASS
		1	3	4.39	<13	PASS
		1	5	4.51	<13	PASS
		3	0	4.63	<13	PASS
		3	2	4.62	<13	PASS
		3	3	4.66	<13	PASS
		6	0	5.21	<13	PASS
	MCH	1	0	4.94	<13	PASS
		1	3	4.82	<13	PASS
		1	5	4.93	<13	PASS
		3	0	5.08	<13	PASS
		3	2	4.99	<13	PASS
		3	3	5.03	<13	PASS
		6	0	5.35	<13	PASS
	HCH	1	0	4.72	<13	PASS
		1	3	4.61	<13	PASS
		1	5	4.66	<13	PASS
		3	0	4.89	<13	PASS
		3	2	4.81	<13	PASS
		3	3	4.88	<13	PASS
		6	0	5.22	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS
		1	3	5.39	<13	PASS
		1	5	5.42	<13	PASS
		3	0	5.48	<13	PASS
		3	2	5.42	<13	PASS
		3	3	5.54	<13	PASS
		6	0	6.04	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	3	5.71	<13	PASS
		1	5	5.66	<13	PASS
		3	0	5.96	<13	PASS
		3	2	5.89	<13	PASS

		3	3	6.02	<13	PASS
		6	0	6.18	<13	PASS
	HCH	1	0	5.55	<13	PASS
		1	3	5.5	<13	PASS
		1	5	5.48	<13	PASS
		3	0	5.79	<13	PASS
		3	2	5.67	<13	PASS
		3	3	5.75	<13	PASS
		6	0	6.05	<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	4.51	<13	PASS
		1	7	4.5	<13	PASS
		1	14	4.83	<13	PASS
		8	0	5.01	<13	PASS
		8	4	5.01	<13	PASS
		8	7	5.09	<13	PASS
		15	0	5.28	<13	PASS
	MCH	1	0	4.9	<13	PASS
		1	7	4.77	<13	PASS
		1	14	4.86	<13	PASS
		8	0	5.09	<13	PASS
		8	4	4.99	<13	PASS
		8	7	5.06	<13	PASS
		15	0	5.36	<13	PASS
	HCH	1	0	4.85	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.59	<13	PASS
		8	0	5.03	<13	PASS
		8	4	4.92	<13	PASS
		8	7	4.98	<13	PASS
		15	0	5.28	<13	PASS
16QAM	LCH	1	0	5.11	<13	PASS
		1	7	5.24	<13	PASS
		1	14	5.65	<13	PASS
		8	0	5.81	<13	PASS
		8	4	5.84	<13	PASS
		8	7	5.92	<13	PASS
		15	0	6.16	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	7	5.52	<13	PASS
		1	14	5.62	<13	PASS
		8	0	5.87	<13	PASS
		8	4	5.81	<13	PASS
		8	7	5.88	<13	PASS
		15	0	6.23	<13	PASS
	HCH	1	0	5.68	<13	PASS
		1	7	5.38	<13	PASS

		1	14	5.45	<13	PASS
		8	0	5.84	<13	PASS
		8	4	5.77	<13	PASS
		8	7	5.8	<13	PASS
		15	0	6.07	<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	4.52	<13	PASS
		1	12	5.25	<13	PASS
		1	24	5.16	<13	PASS
		12	0	4.98	<13	PASS
		12	6	4.96	<13	PASS
		12	13	5.06	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	4.8	<13	PASS
		1	12	4.71	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.02	<13	PASS
		12	6	4.91	<13	PASS
		12	13	4.97	<13	PASS
		25	0	5.33	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	12	4.61	<13	PASS
		1	24	4.5	<13	PASS
		12	0	4.97	<13	PASS
		12	6	4.87	<13	PASS
		12	13	4.91	<13	PASS
		25	0	5.25	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	12	5.52	<13	PASS
		1	24	6.1	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.94	<13	PASS
		25	0	6.13	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	12	5.46	<13	PASS
		1	24	5.56	<13	PASS
		12	0	5.87	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.84	<13	PASS
		25	0	6.09	<13	PASS
	HCH	1	0	5.64	<13	PASS
		1	12	5.41	<13	PASS

		1	24	5.45	<13	PASS
		12	0	5.8	<13	PASS
		12	6	5.72	<13	PASS
		12	13	5.76	<13	PASS
		25	0	6.04	<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	<13	PASS
		1	24	5.2	<13	PASS
		1	49	5.48	<13	PASS
		25	0	5.05	<13	PASS
		25	12	12.85	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.54	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	24	4.64	<13	PASS
		1	49	4.58	<13	PASS
		25	0	5.03	<13	PASS
		25	12	4.92	<13	PASS
		25	25	4.96	<13	PASS
		50	0	5.31	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	24	4.7	<13	PASS
		1	49	4.57	<13	PASS
		25	0	5.05	<13	PASS
		25	12	4.94	<13	PASS
		25	25	5	<13	PASS
		50	0	5.31	<13	PASS
16QAM	LCH	1	0	5.94	<13	PASS
		1	24	5.84	<13	PASS
		1	49	6.21	<13	PASS
		25	0	5.91	<13	PASS
		25	12	6.16	<13	PASS
		25	25	6.1	<13	PASS
		50	0	6.19	<13	PASS
	MCH	1	0	6.11	<13	PASS
		1	24	5.48	<13	PASS
		1	49	5.32	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.78	<13	PASS
		25	25	5.82	<13	PASS
		50	0	6.04	<13	PASS
	HCH	1	0	5.61	<13	PASS
		1	24	5.48	<13	PASS

		1	49	5.39	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.78	<13	PASS
		25	25	5.84	<13	PASS
		50	0	6.03	<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	6.36	<13	PASS
		1	37	5.37	<13	PASS
		1	74	6.51	<13	PASS
		37	0	4.87	<13	PASS
		37	18	5.19	<13	PASS
		37	38	4.83	<13	PASS
		75	0	5.05	<13	PASS
	MCH	1	0	6.49	<13	PASS
		1	37	4.64	<13	PASS
		1	74	5.96	<13	PASS
		37	0	4.75	<13	PASS
		37	18	5.1	<13	PASS
		37	38	4.77	<13	PASS
		75	0	5.03	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	37	4.71	<13	PASS
		1	74	6.04	<13	PASS
		37	0	4.67	<13	PASS
		37	18	5.12	<13	PASS
		37	38	4.85	<13	PASS
		75	0	5.01	<13	PASS
16QAM	LCH	1	0	7.13	<13	PASS
		1	37	6.24	<13	PASS
		1	74	7.1	<13	PASS
		37	0	6.13	<13	PASS
		37	18	5.99	<13	PASS
		37	38	6.02	<13	PASS
		75	0	6.25	<13	PASS
	MCH	1	0	7.15	<13	PASS
		1	37	5.42	<13	PASS
		1	74	6.48	<13	PASS
		37	0	5.93	<13	PASS
		37	18	5.89	<13	PASS
		37	38	5.95	<13	PASS
		75	0	6.19	<13	PASS
	HCH	1	0	6.57	<13	PASS
		1	37	5.62	<13	PASS

		1	74	6.56	<13	PASS
		37	0	5.86	<13	PASS
		37	18	5.9	<13	PASS
		37	38	6.03	<13	PASS
		75	0	6.2	<13	PASS

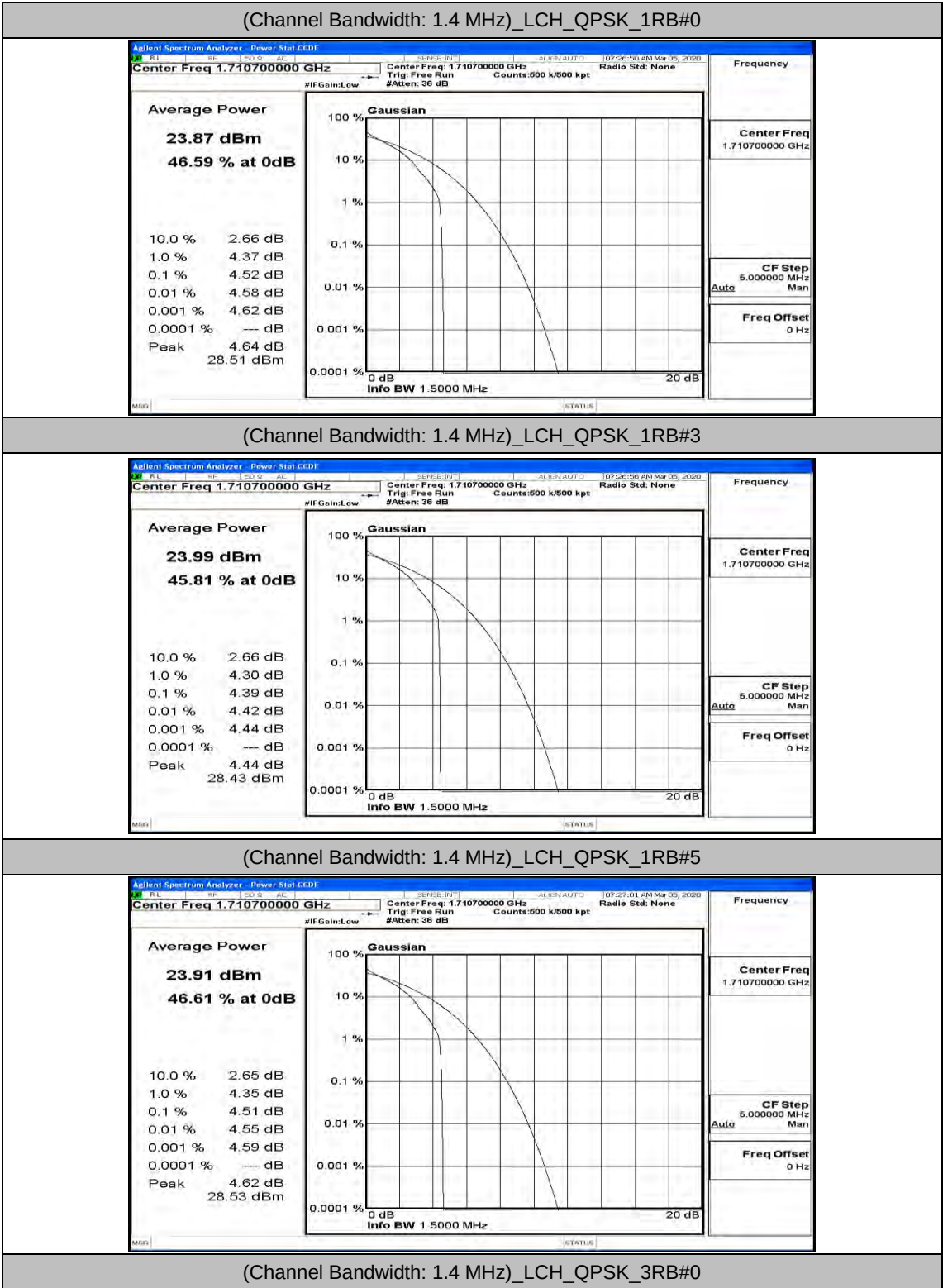
Channel Bandwidth: 20 MHz

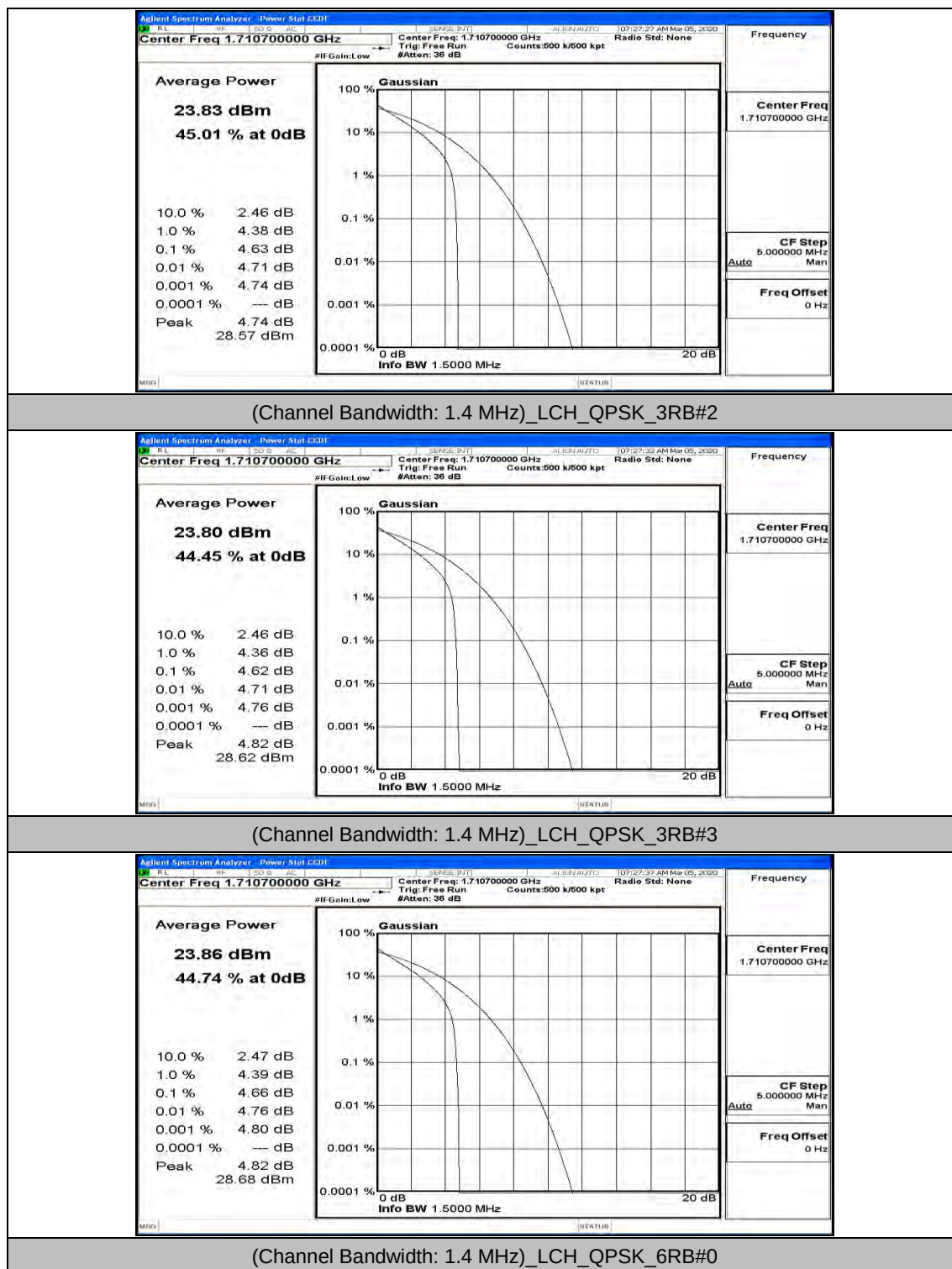
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.3	<13	PASS
		1	49	4.93	<13	PASS
		1	99	5.19	<13	PASS
		50	0	6.03	<13	PASS
		50	25	5.18	<13	PASS
		50	50	5.93	<13	PASS
		100	0	5.7	<13	PASS
	MCH	1	0	4.95	<13	PASS
		1	49	4.6	<13	PASS
		1	99	3.49	<13	PASS
		50	0	5.52	<13	PASS
		50	25	5.22	<13	PASS
		50	50	5.94	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	4.04	<13	PASS
		1	49	4.61	<13	PASS
		1	99	7.54	<13	PASS
		50	0	5.42	<13	PASS
		50	25	5.21	<13	PASS
		50	50	5.97	<13	PASS
		100	0	5.79	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	49	5.4	<13	PASS
		1	99	4.59	<13	PASS
		50	0	7.38	<13	PASS
		50	25	5.99	<13	PASS
		50	50	6.62	<13	PASS
		100	0	6.76	<13	PASS
	MCH	1	0	5.97	<13	PASS
		1	49	5.34	<13	PASS
		1	99	6.67	<13	PASS
		50	0	8.38	<13	PASS
		50	25	6.05	<13	PASS
		50	50	6.6	<13	PASS
		100	0	6.76	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	49	5.29	<13	PASS

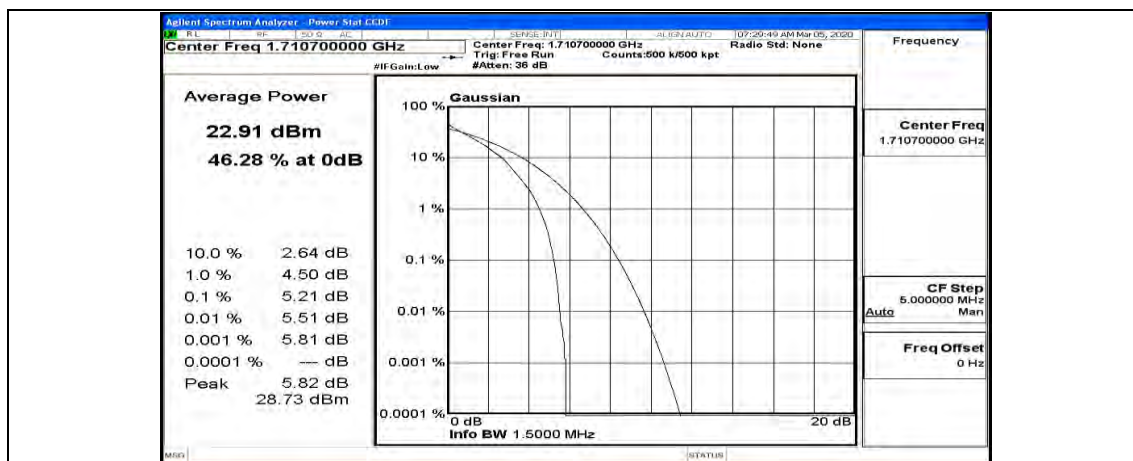
		1	99	4.19	<13	PASS
		50	0	6.48	<13	PASS
		50	25	6	<13	PASS
		50	50	6.64	<13	PASS
		100	0	6.66	<13	PASS

Test Graphs

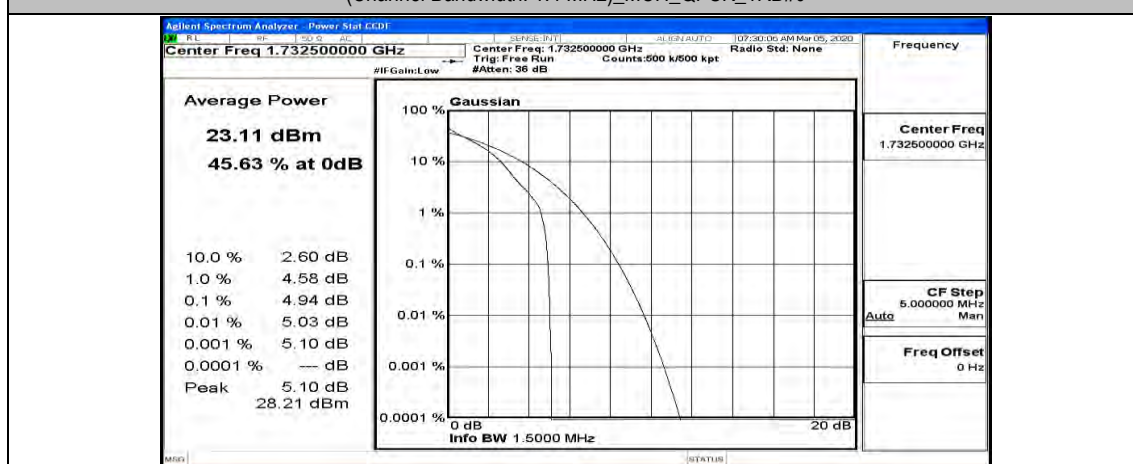
Channel Bandwidth: 1.4 MHz



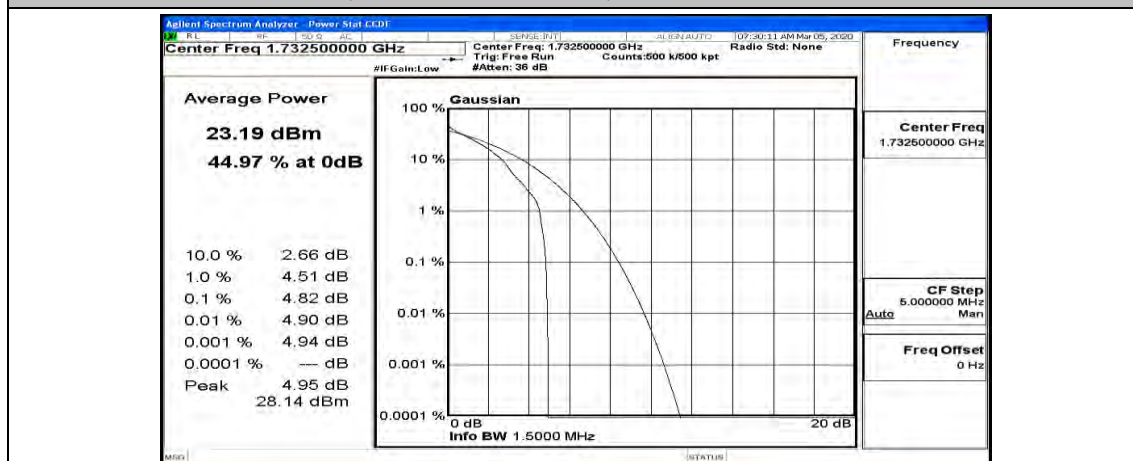




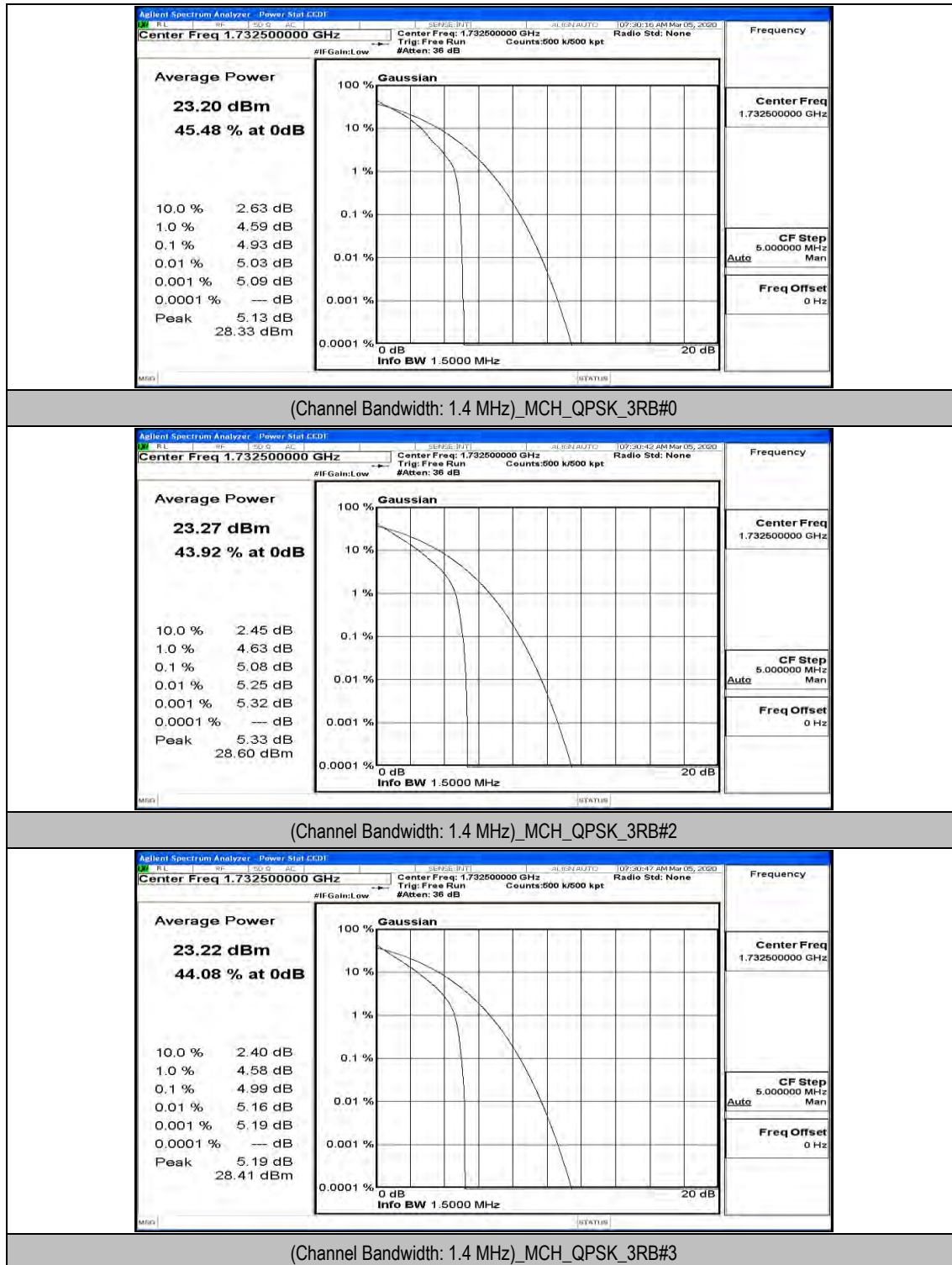
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

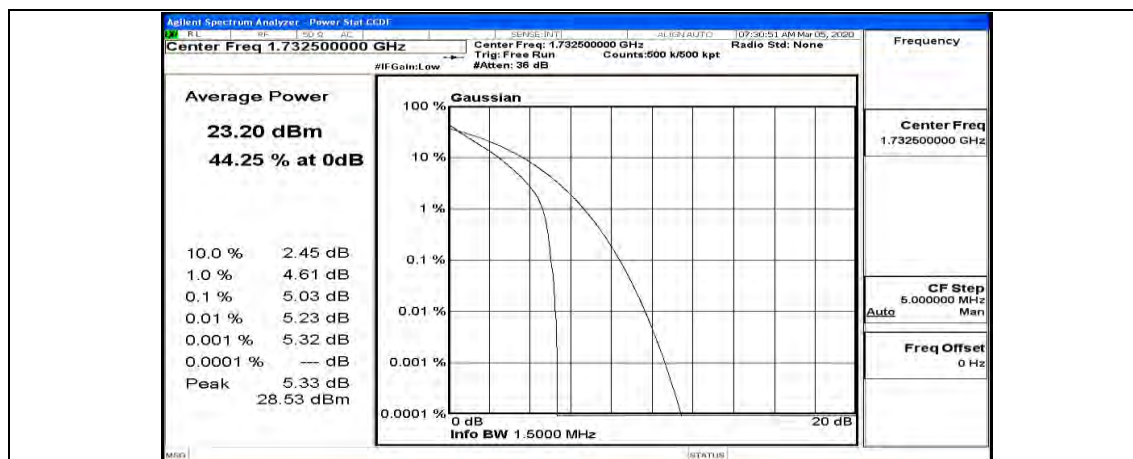


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

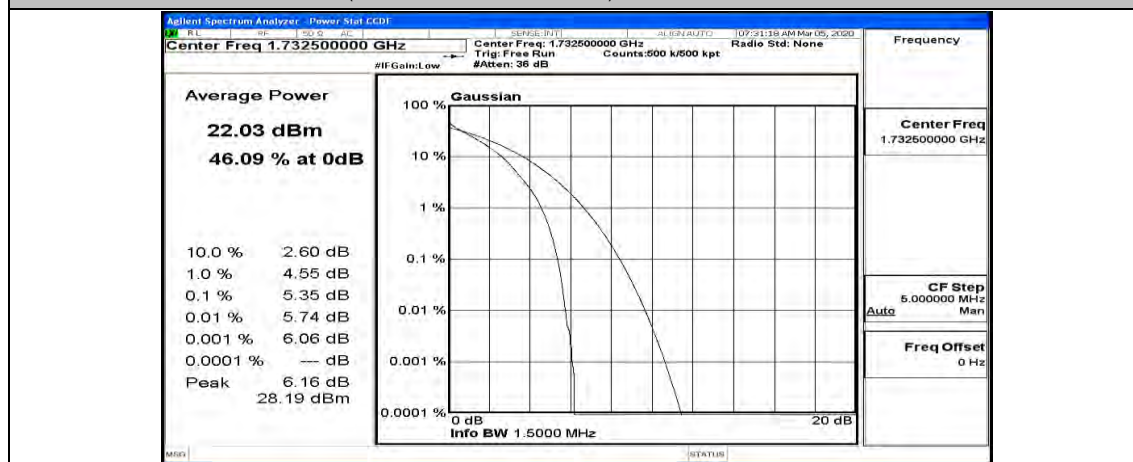


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

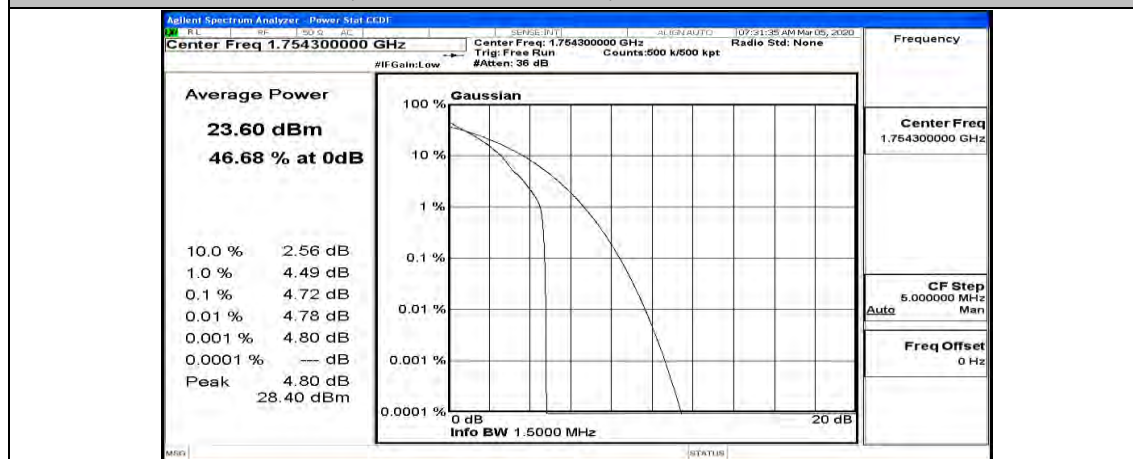




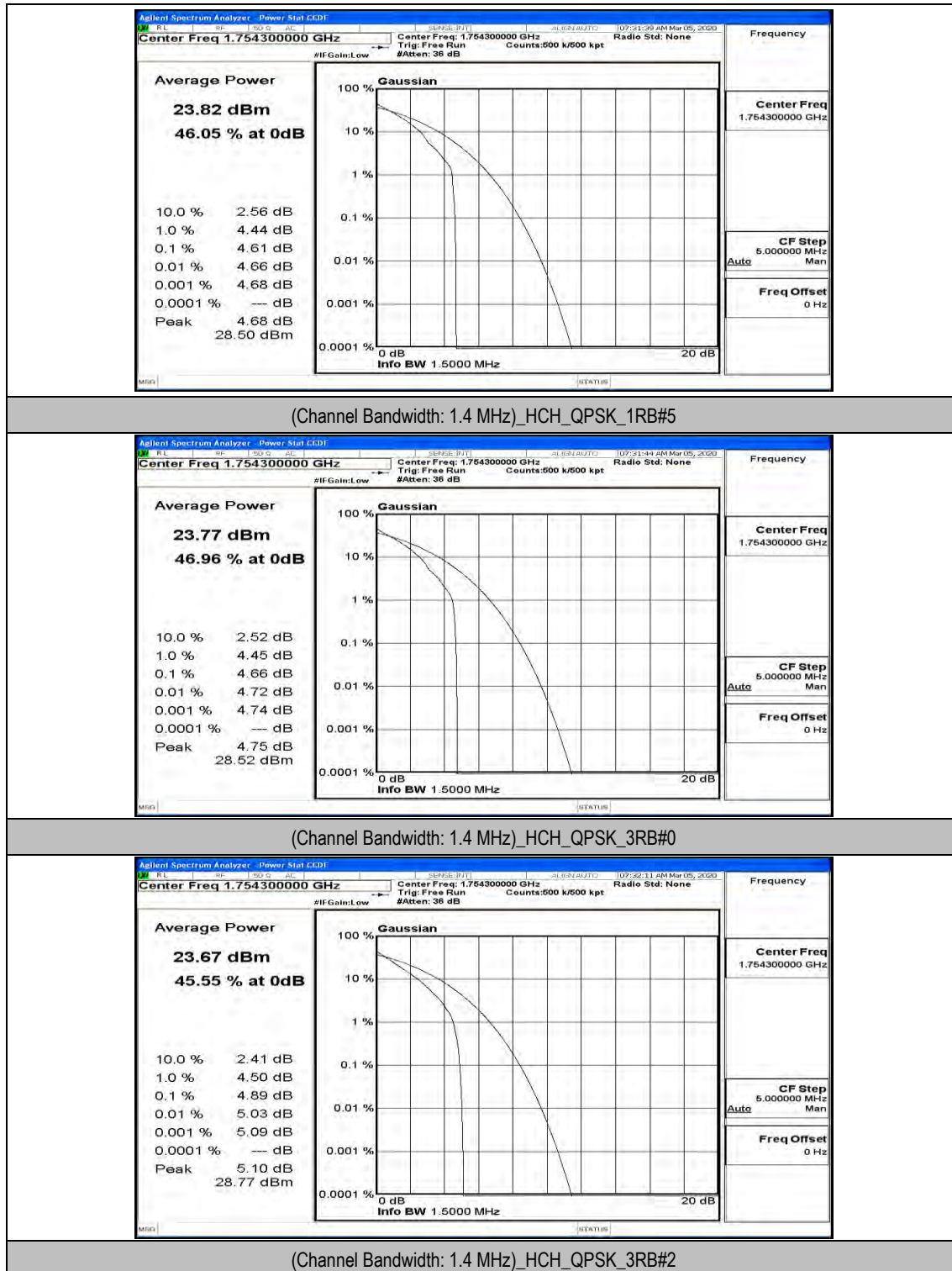
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

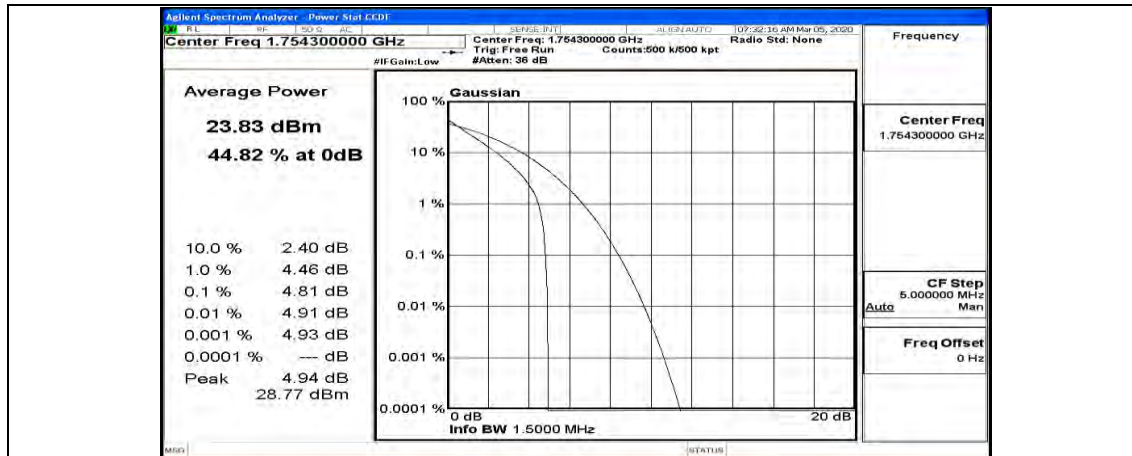


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

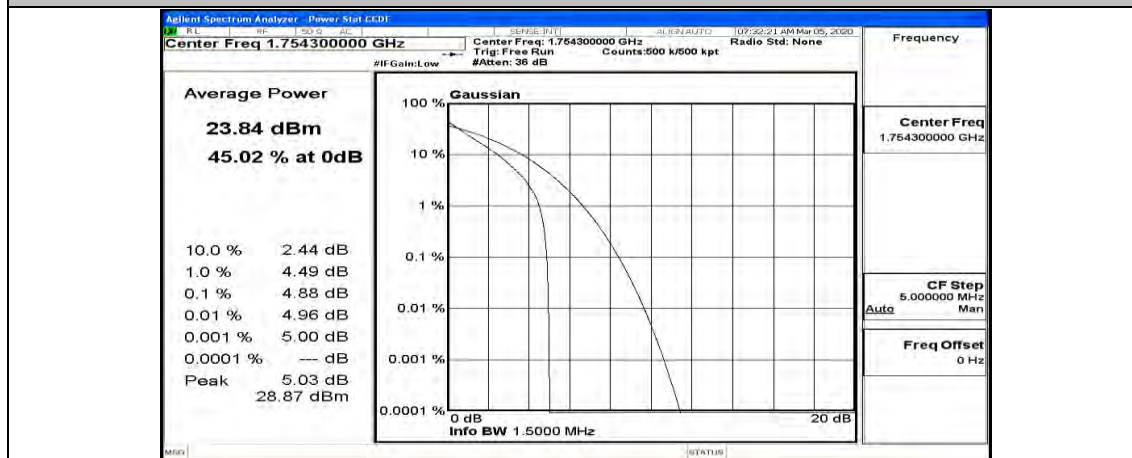


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

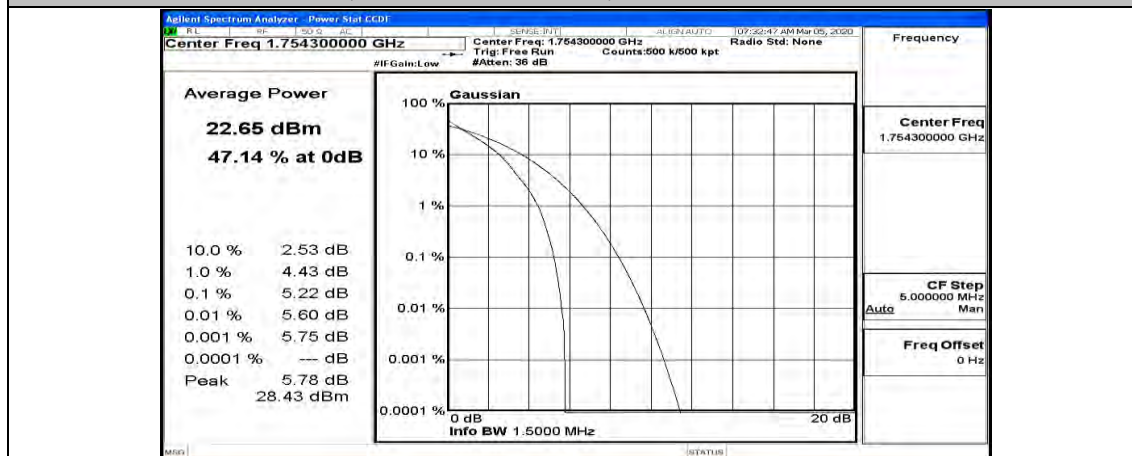




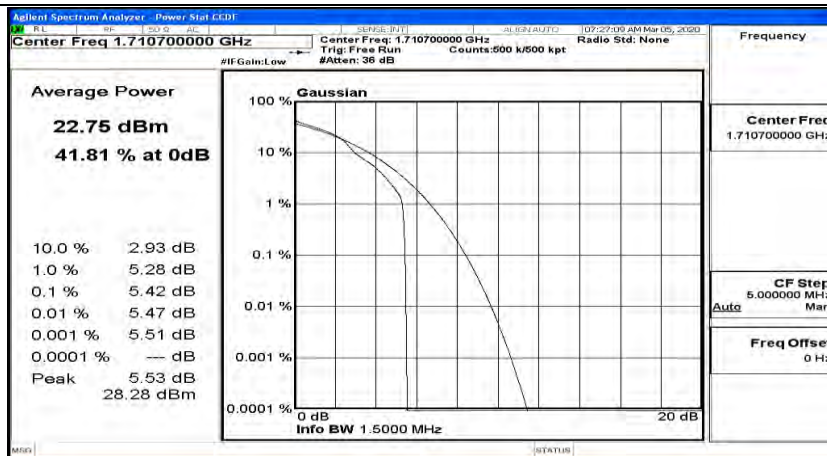
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



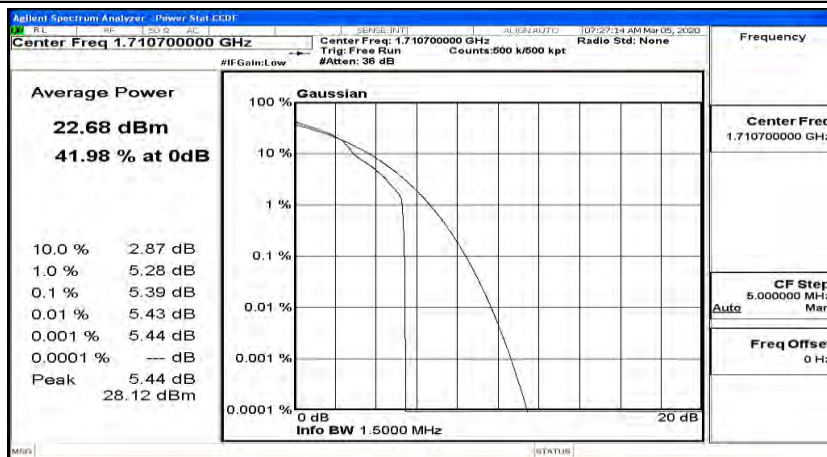
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



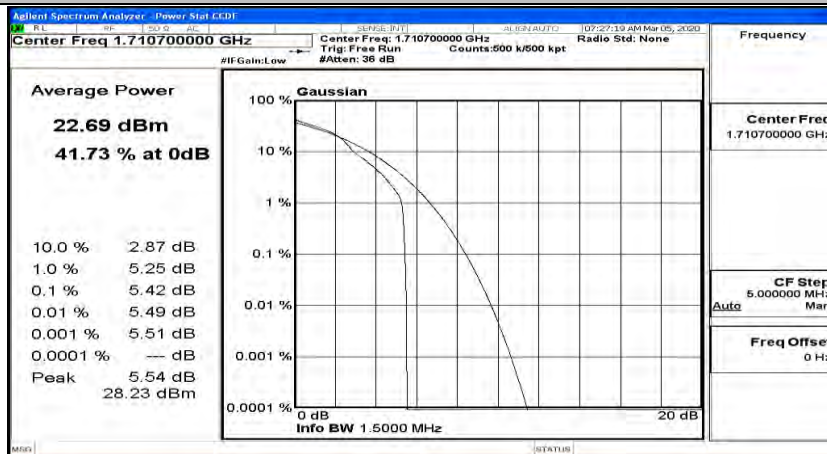
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



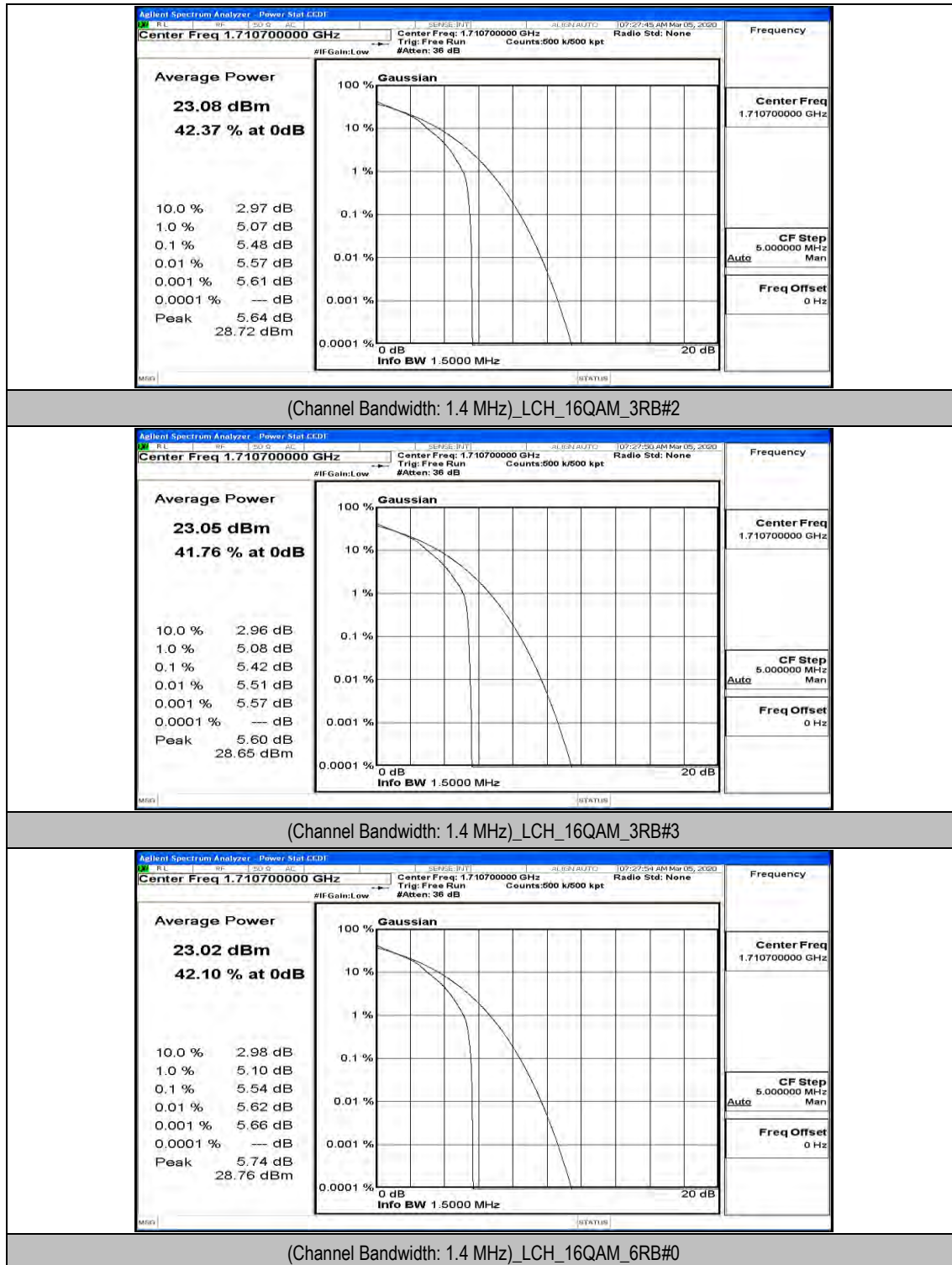
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

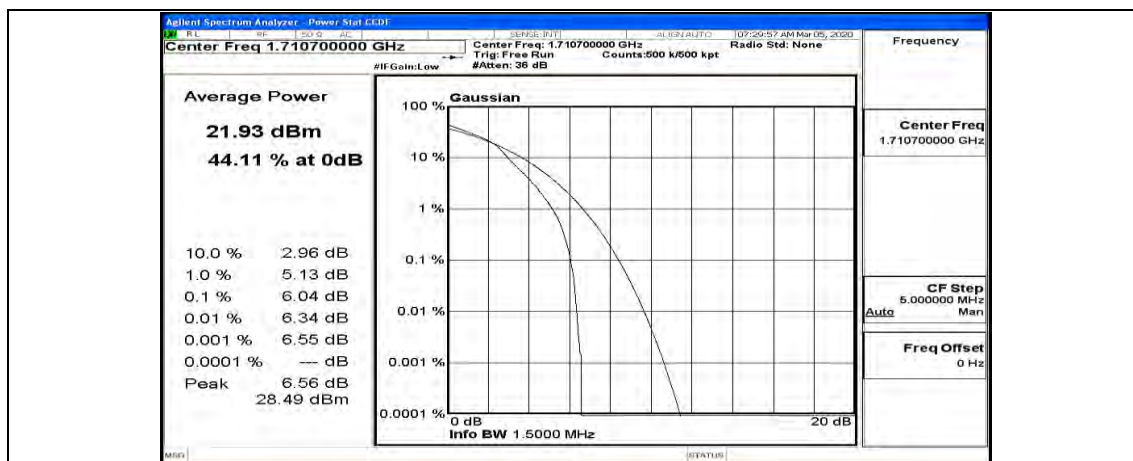


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

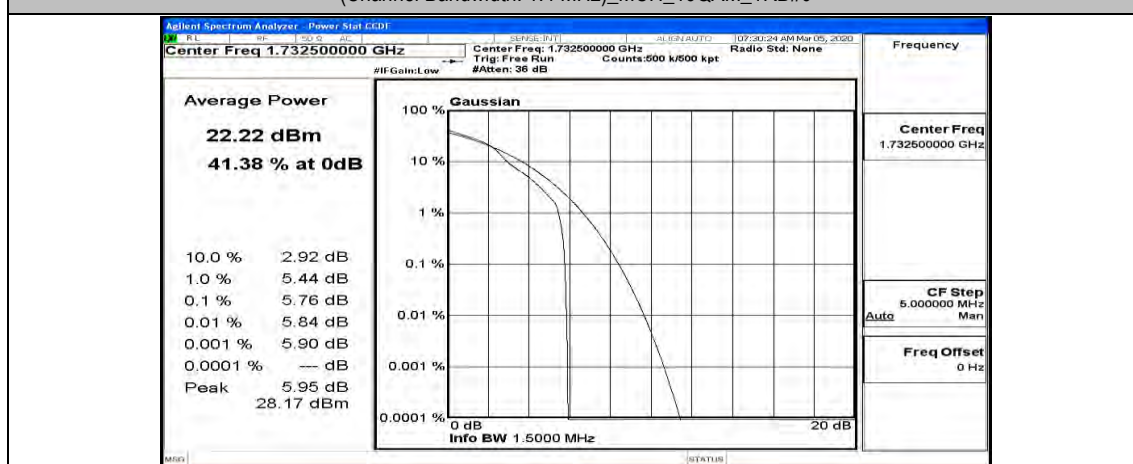


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

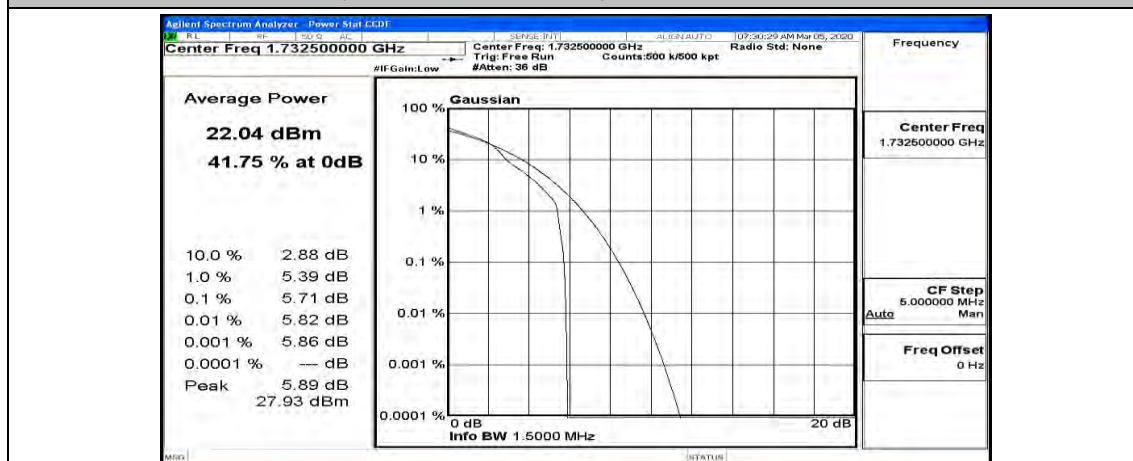




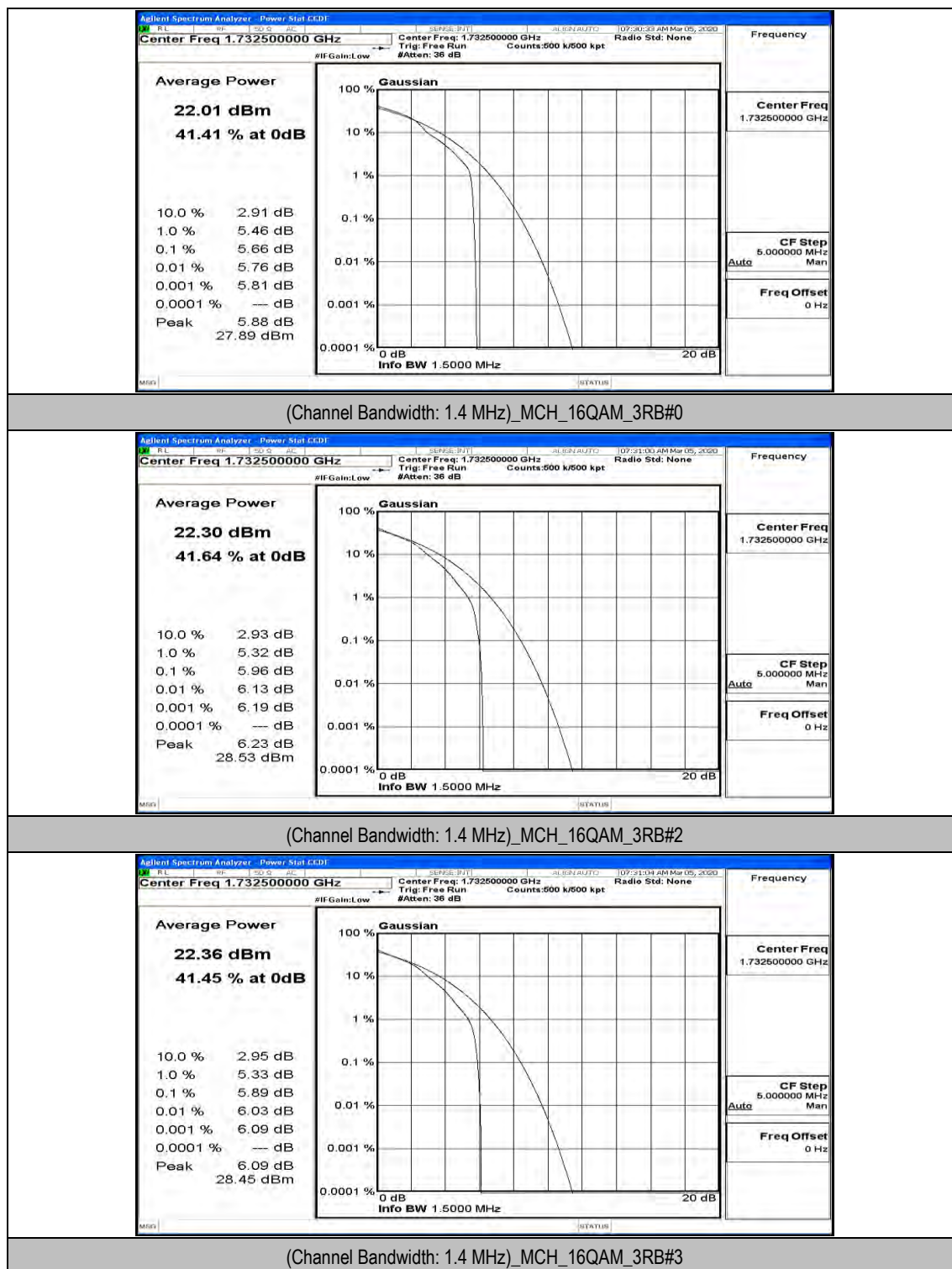
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

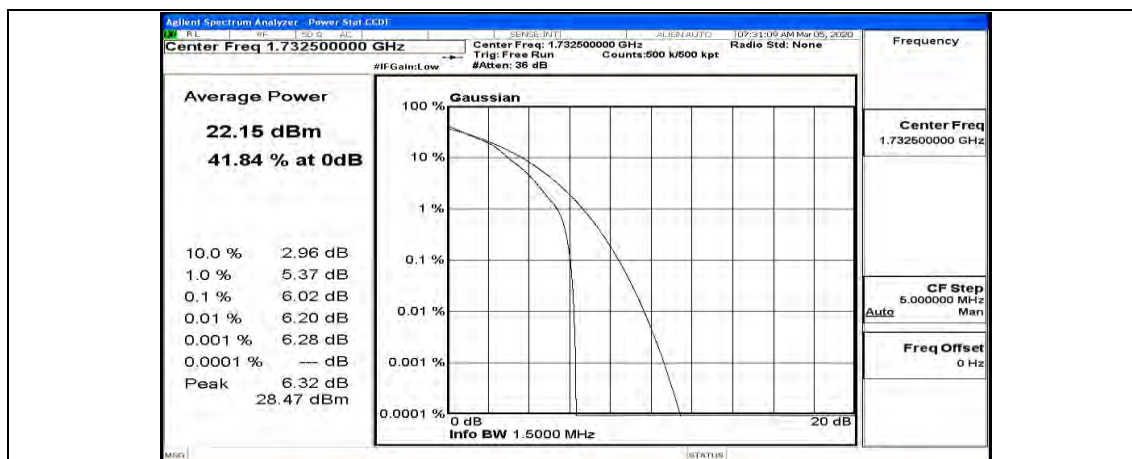


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

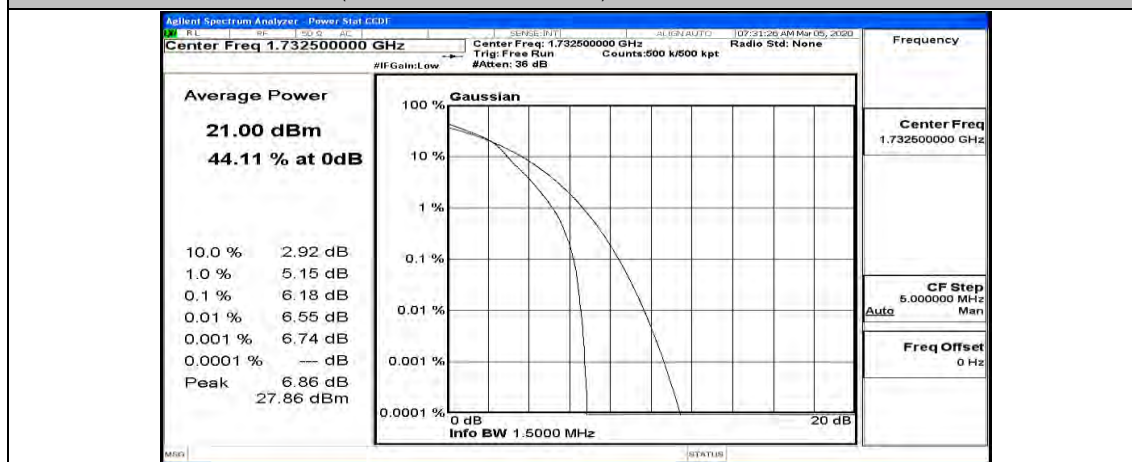


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

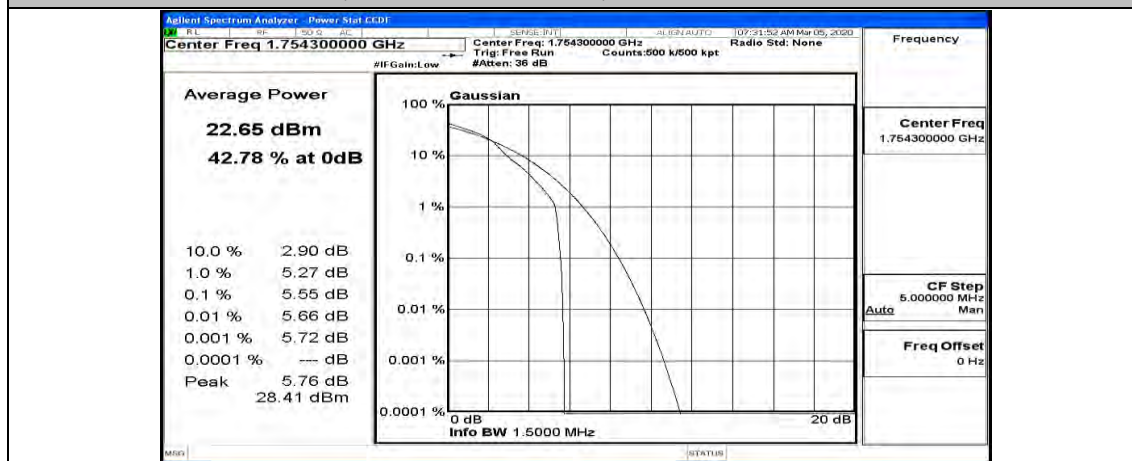




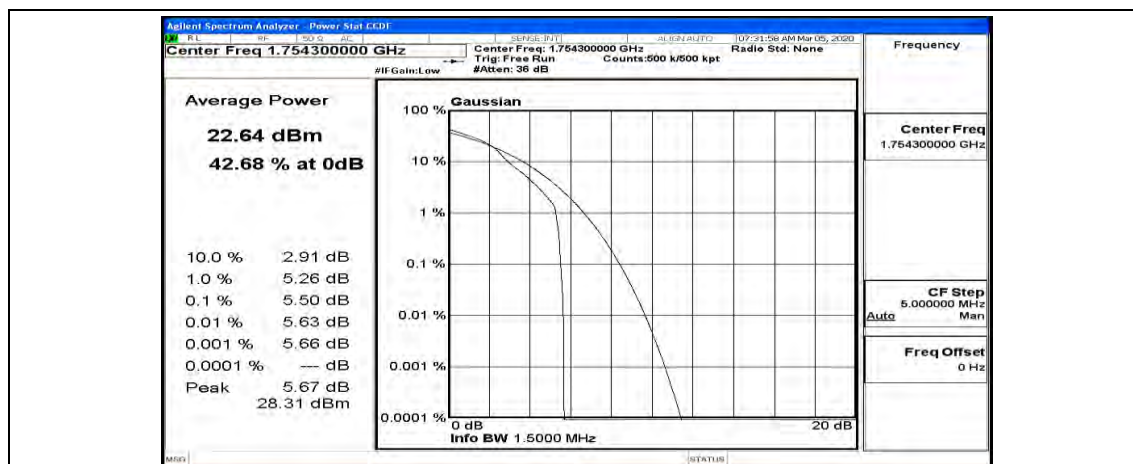
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



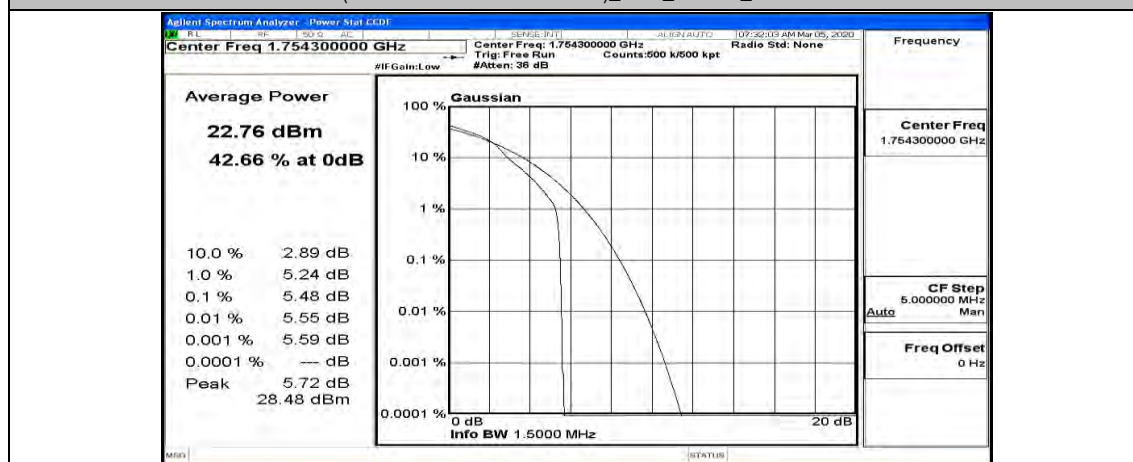
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



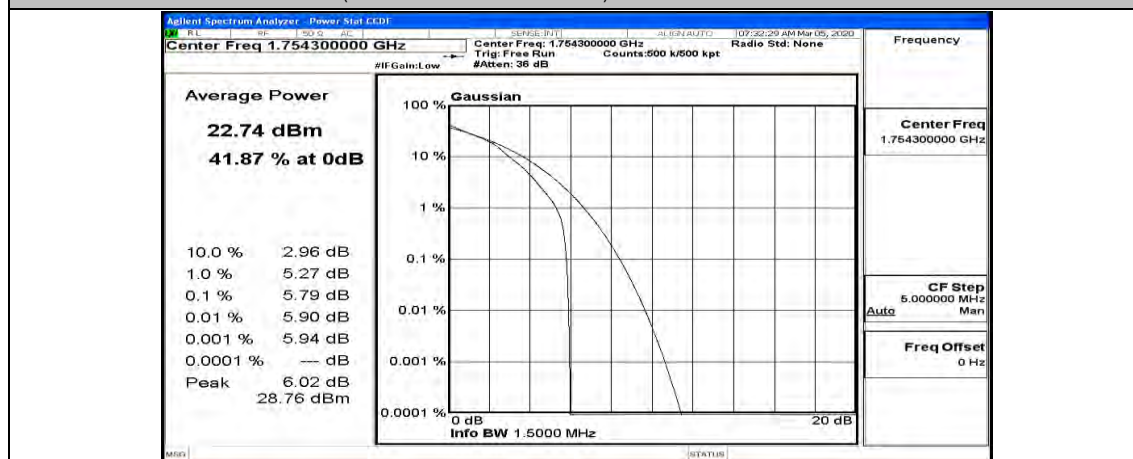
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



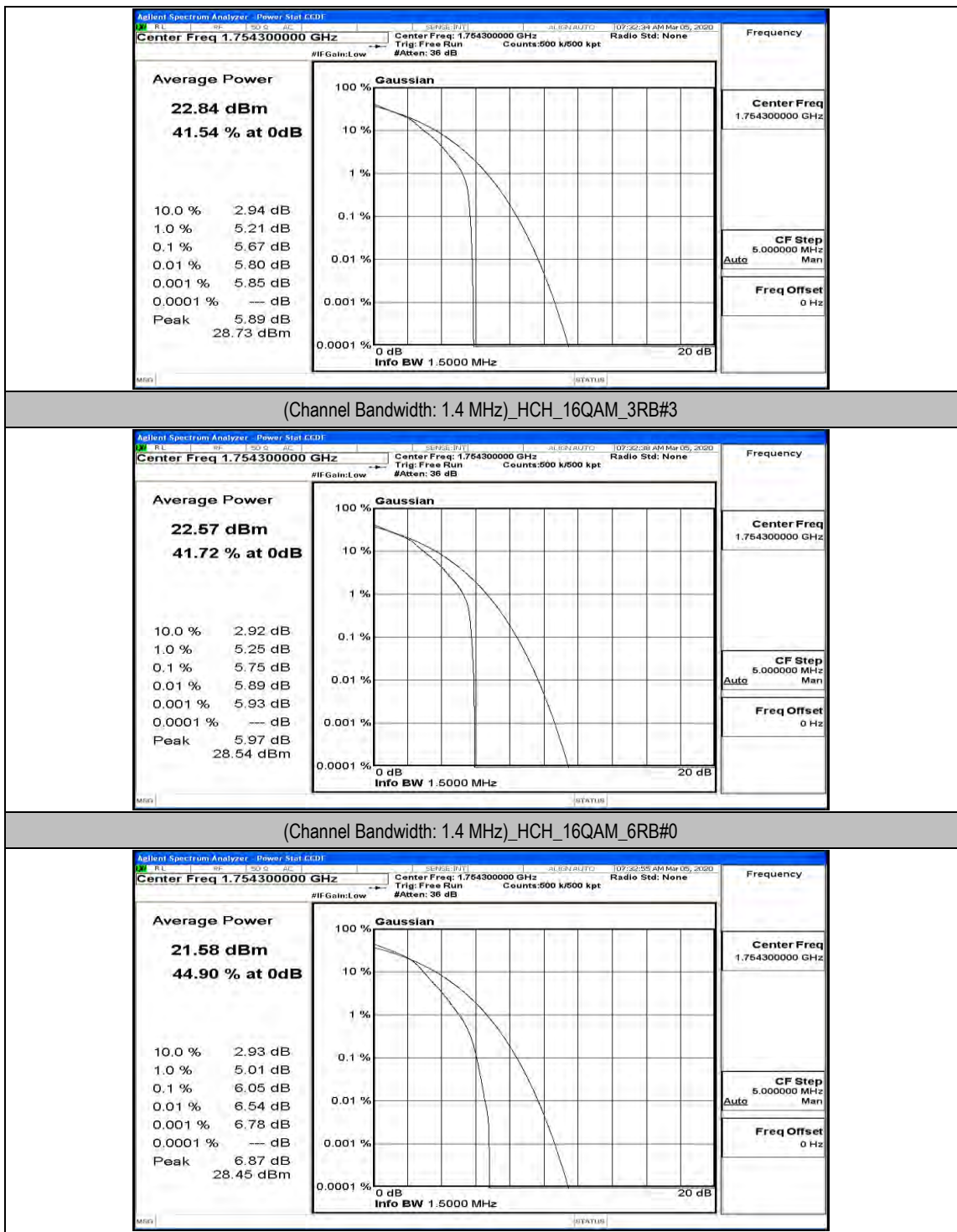
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(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_6RB#0

Agilent Spectrum Analyzer - Power Stat ECD1

Center Freq 1.754300000 GHz

Center Freq: 1.754300000 GHz

Trig: Free Run

Counts: 500 k/500 kpt

Radio Std: None

Frequency

Center Freq
1.754300000 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

21.58 dBm

44.90 % at 0dB

10.0 % 2.93 dB

1.0 % 5.01 dB

0.1 % 6.05 dB

0.01 % 6.54 dB

0.001 % 6.78 dB

0.0001 % — dB

Peak 6.87 dB

28.45 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

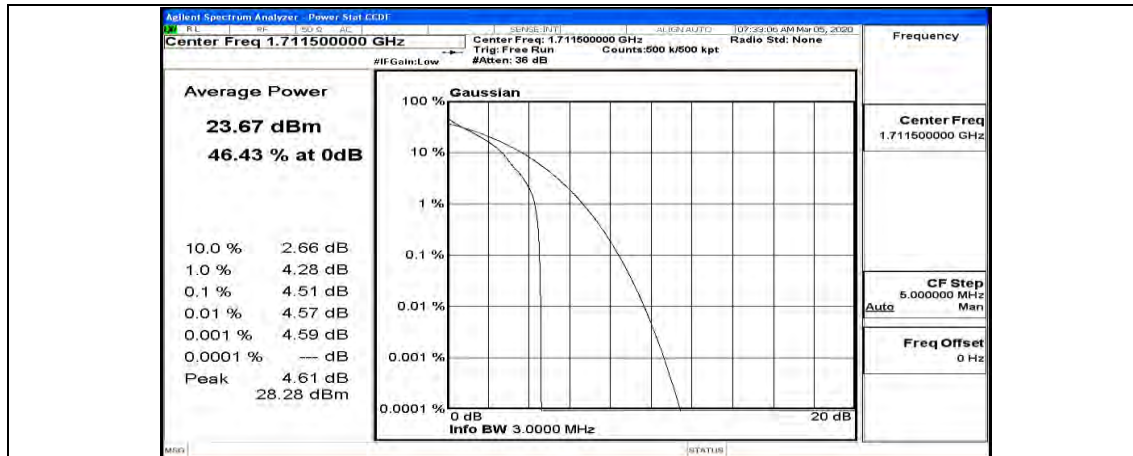
0 dB

20 dB

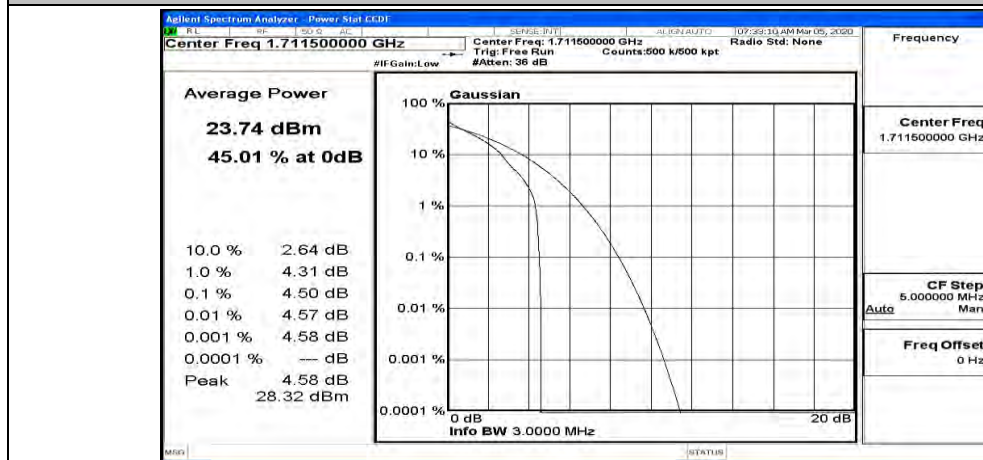
Info BW 1.5000 MHz

Channel Bandwidth: 3 MHz

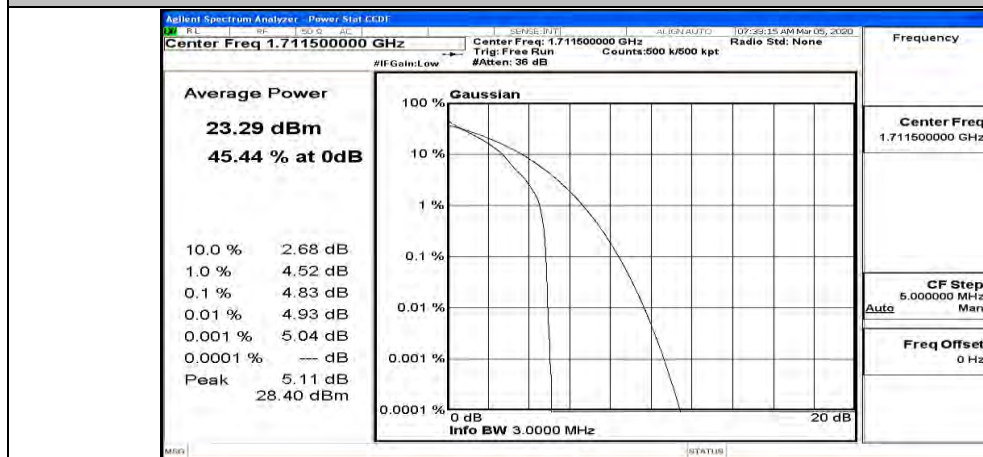




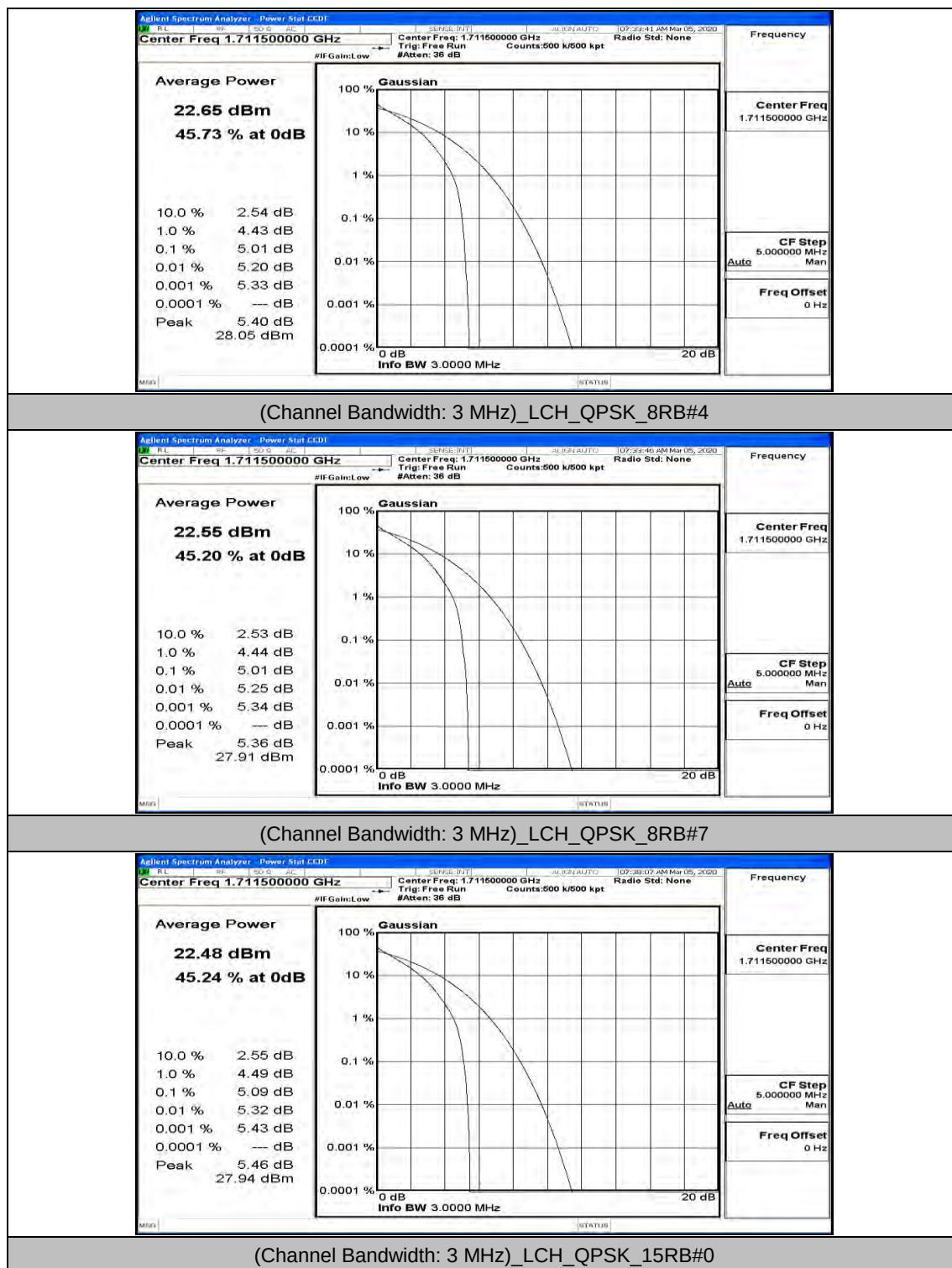
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

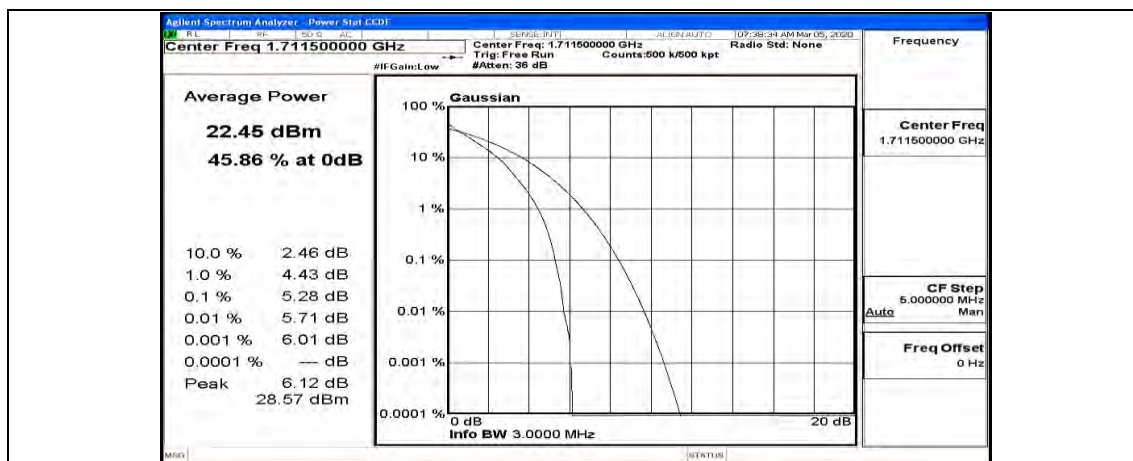


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

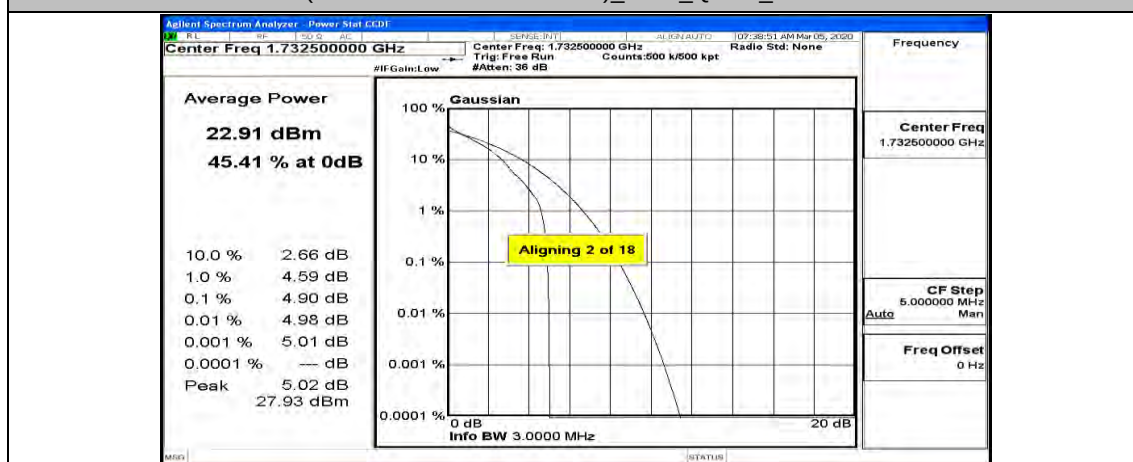


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

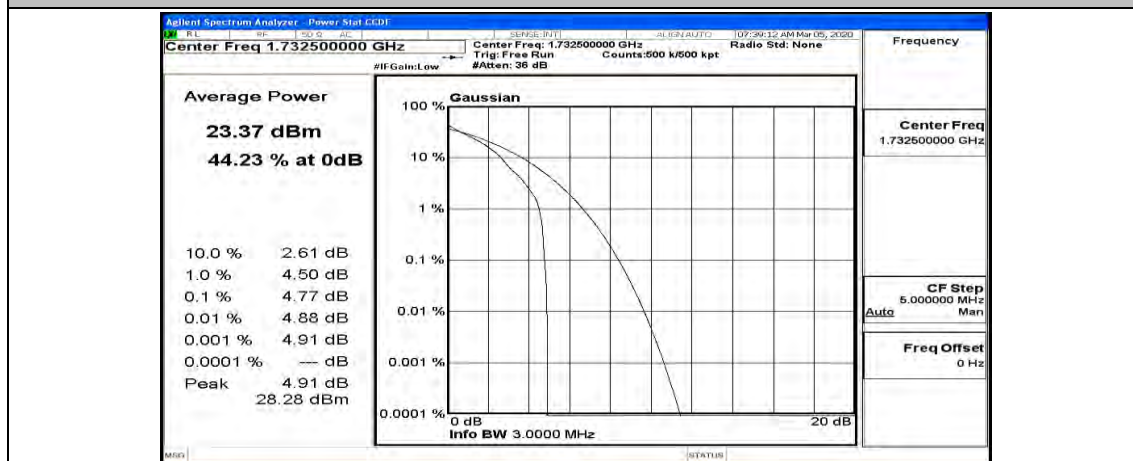




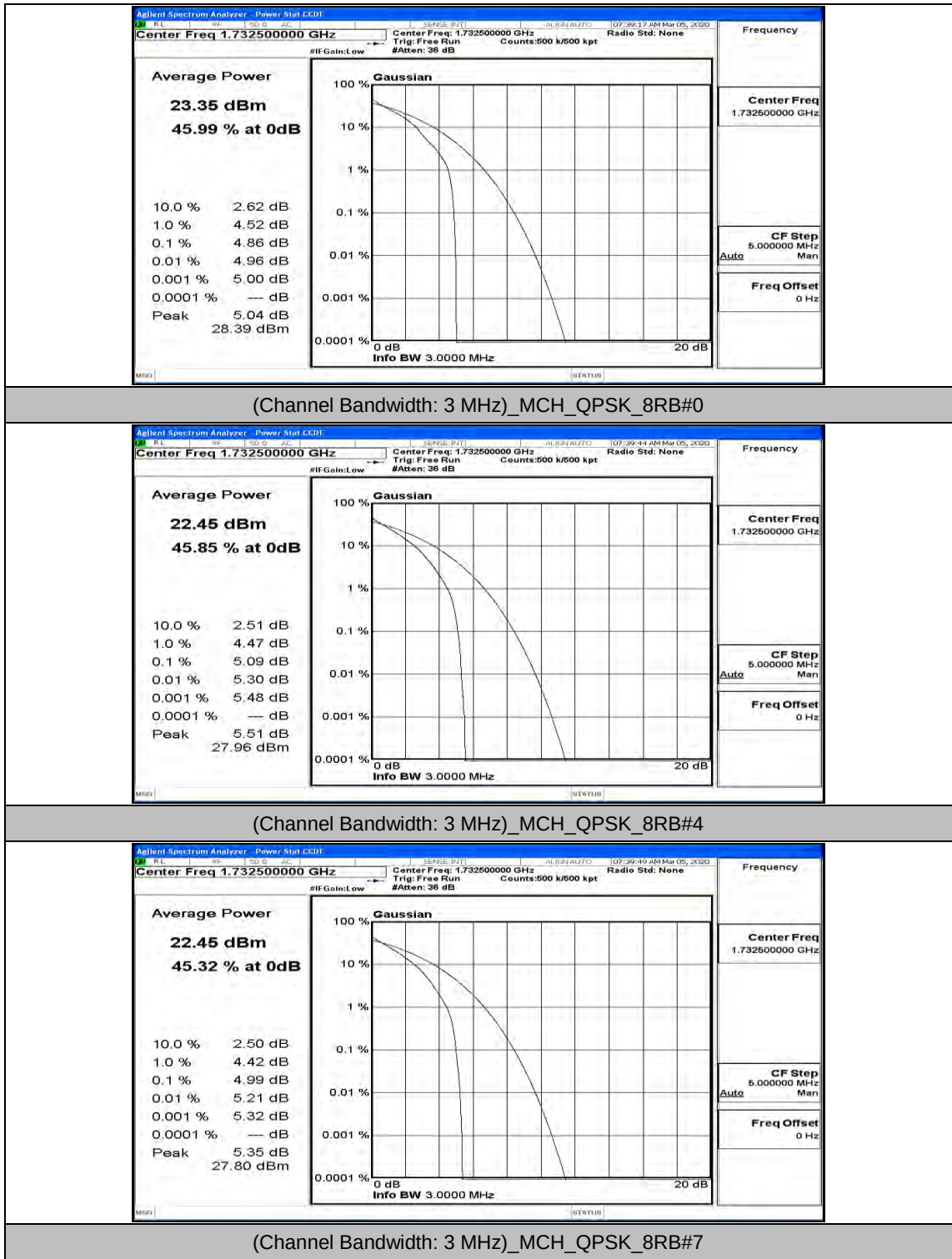
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



Agilent Spectrum Analyzer - Power Stat CCD1

Center Freq 1.732500000 GHz

Center Freq: 1.732500000 GHz

Trig: Free Run

Counts: 500 k/500 kpt

Radio Std: None

Frequency

Center Freq

1.732500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

22.45 dBm

45.85 % at 0dB

10.0 % 2.51 dB

1.0 % 4.47 dB

0.1 % 5.09 dB

0.01 % 5.30 dB

0.001 % 5.48 dB

0.0001 % — dB

Peak 5.51 dB

27.96 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 3.0000 MHz

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4

Agilent Spectrum Analyzer - Power Stat CCD1

Center Freq 1.732500000 GHz

Center Freq: 1.732500000 GHz

Trig: Free Run

Counts: 500 k/500 kpt

Radio Std: None

Frequency

Center Freq

1.732500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

22.45 dBm

45.32 % at 0dB

10.0 % 2.50 dB

1.0 % 4.42 dB

0.1 % 4.99 dB

0.01 % 5.21 dB

0.001 % 5.32 dB

0.0001 % — dB

Peak 5.35 dB

27.80 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

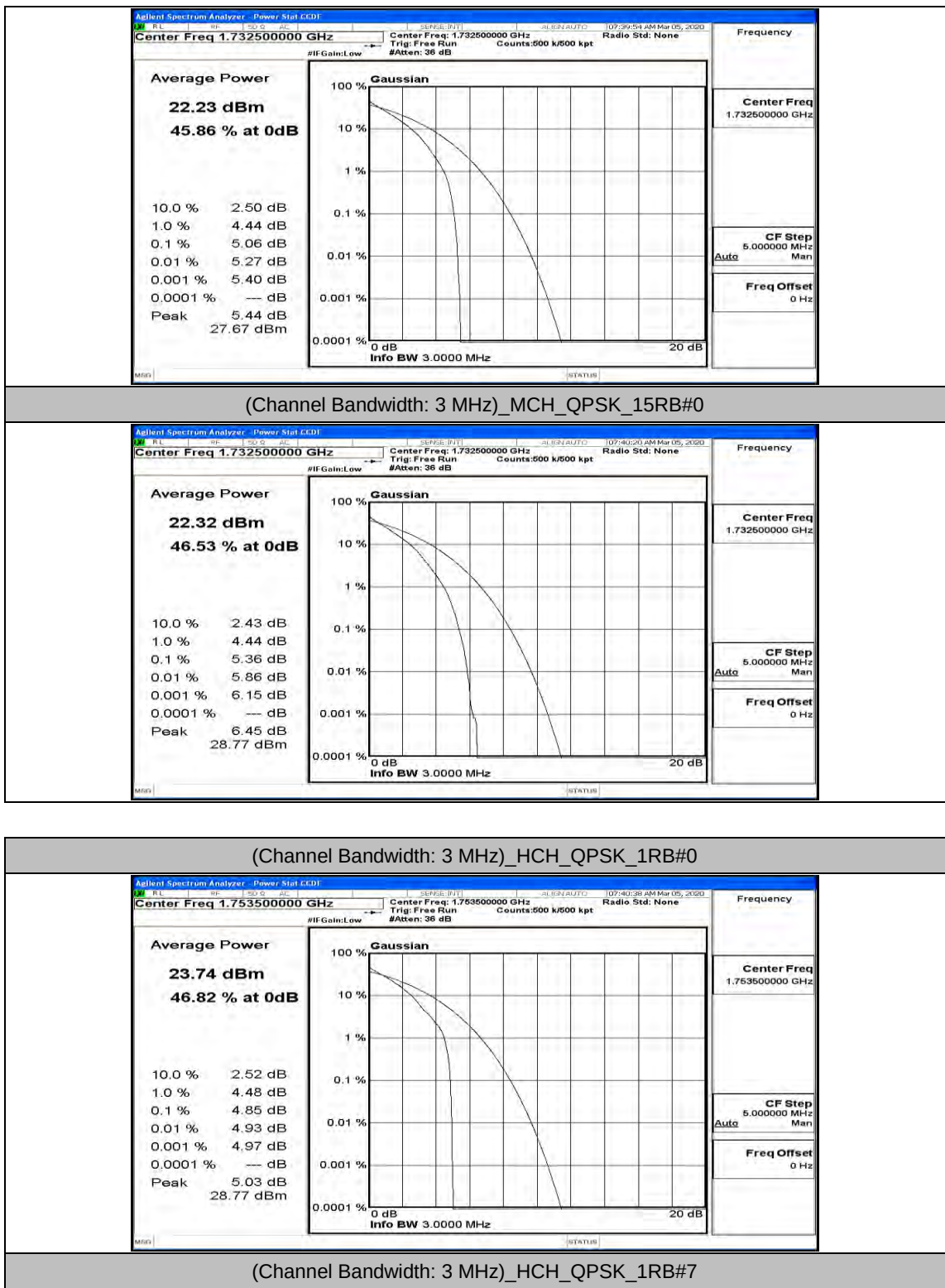
0.0001 %

0 dB

20 dB

Info BW 3.0000 MHz

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

Agilent Spectrum Analyzer - Power Stat EDDT

Center Freq 1.753500000 GHz

Center Freq: 1.753500000 GHz

Trig: Free Run

Counts: 500 k/500 kpt

Radio Std: None

Frequency

Center Freq

1.753500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

23.74 dBm

46.82 % at 0dB

10.0 % 2.52 dB

1.0 % 4.48 dB

0.1 % 4.85 dB

0.01 % 4.93 dB

0.001 % 4.97 dB

0.0001 % --- dB

Peak 5.03 dB

28.77 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

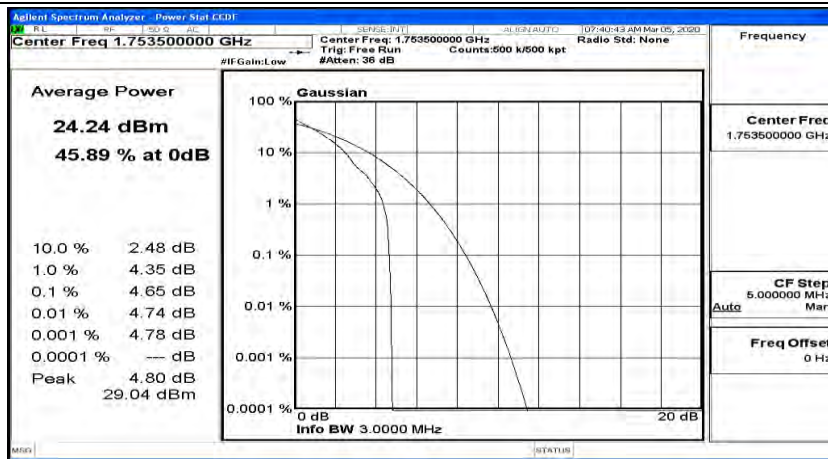
0.0001 %

0 dB

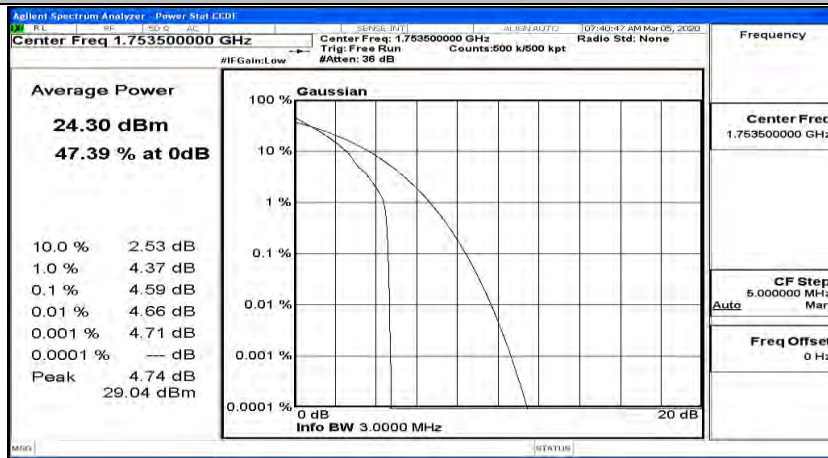
20 dB

Info BW 3.0000 MHz

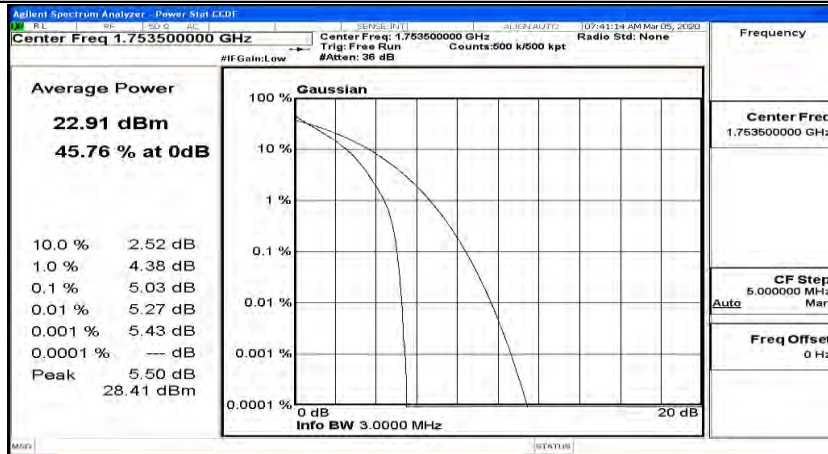
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



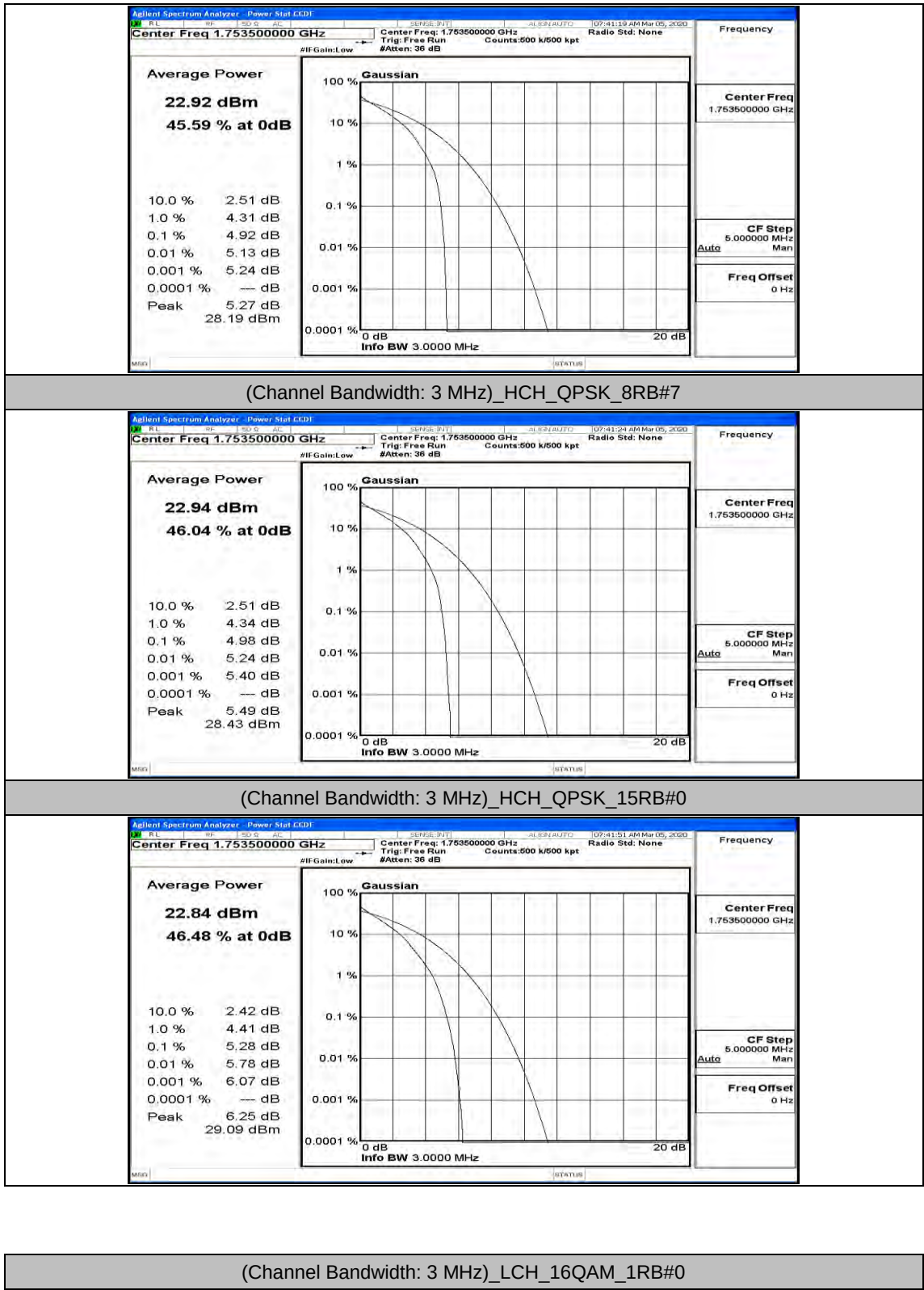
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

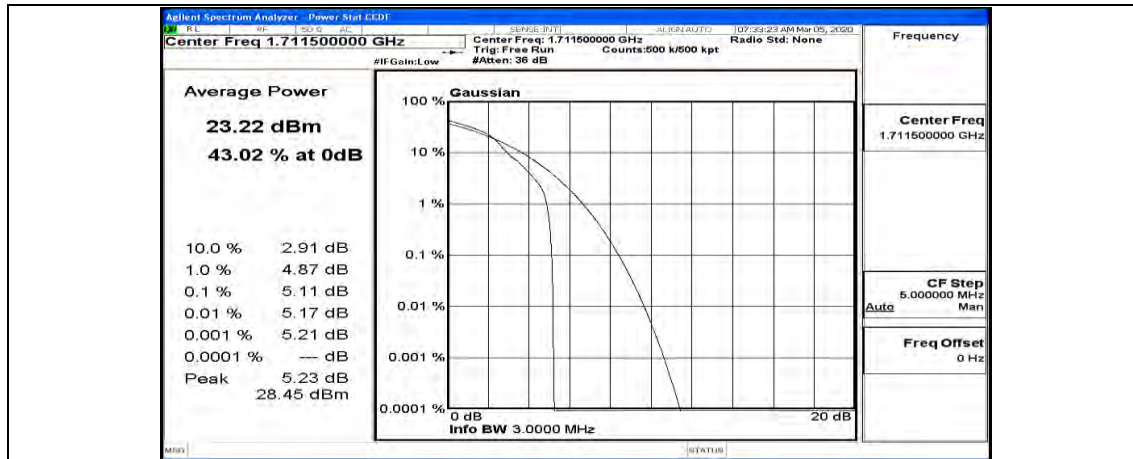


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0

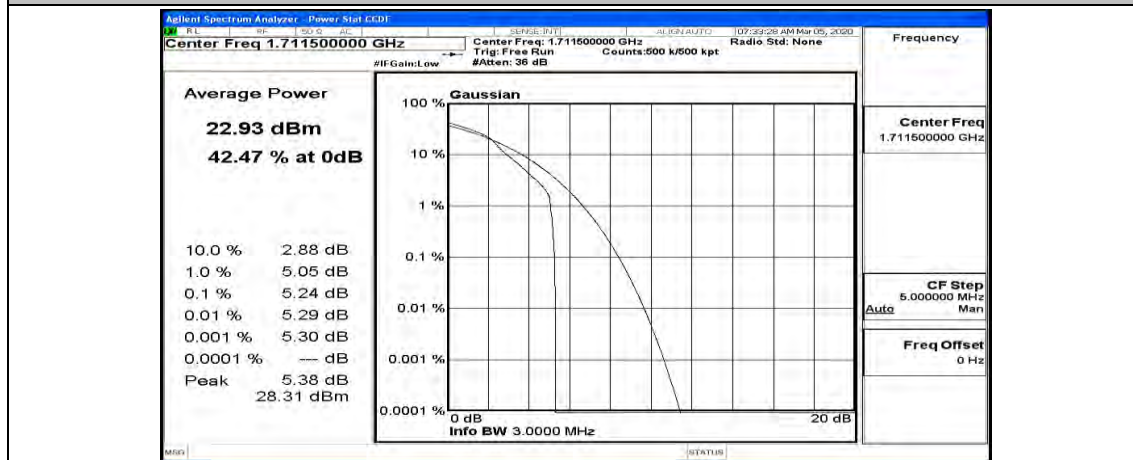


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

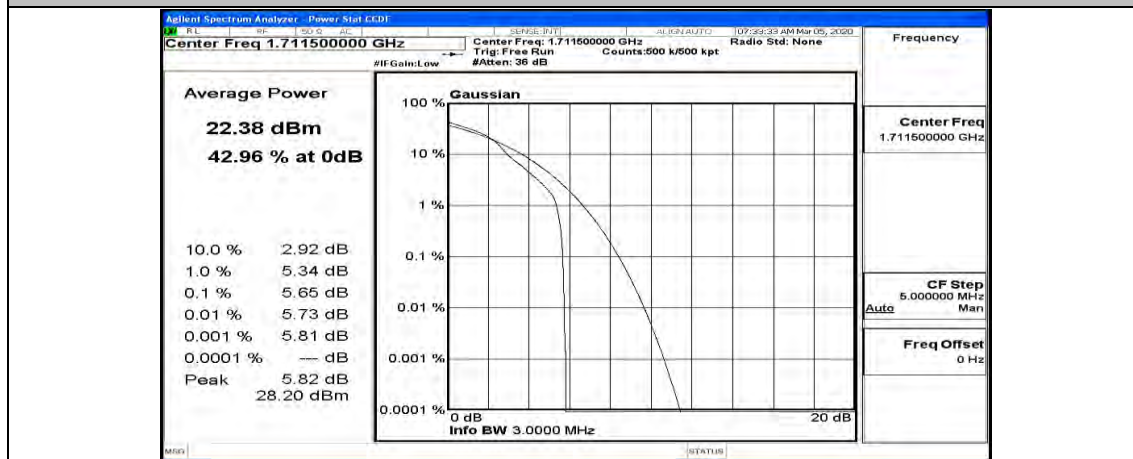




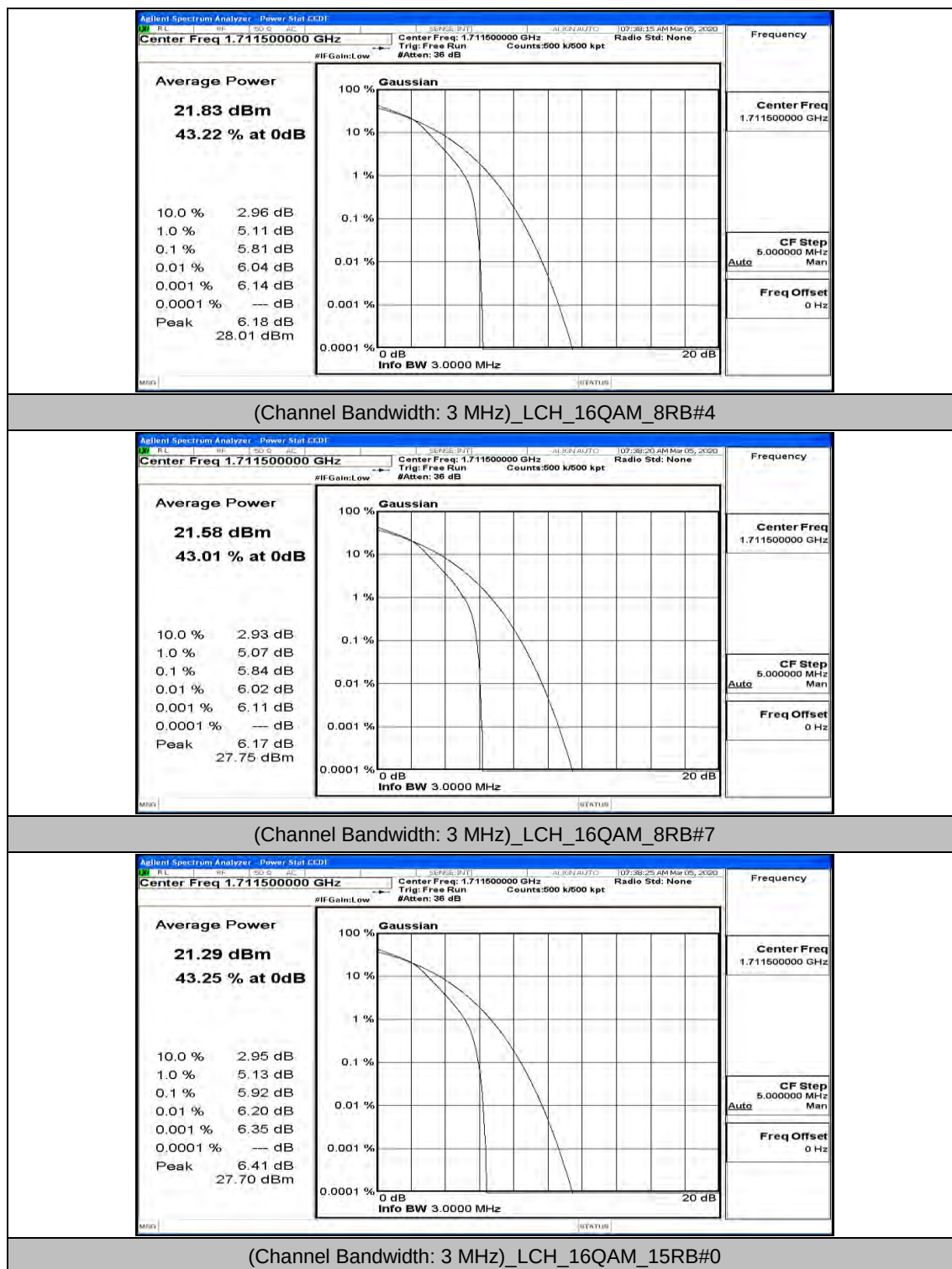
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

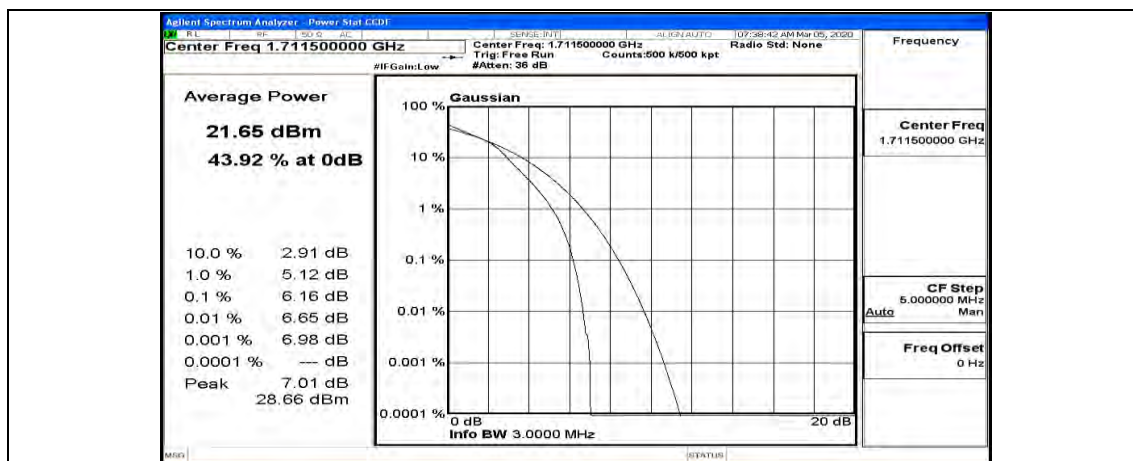


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

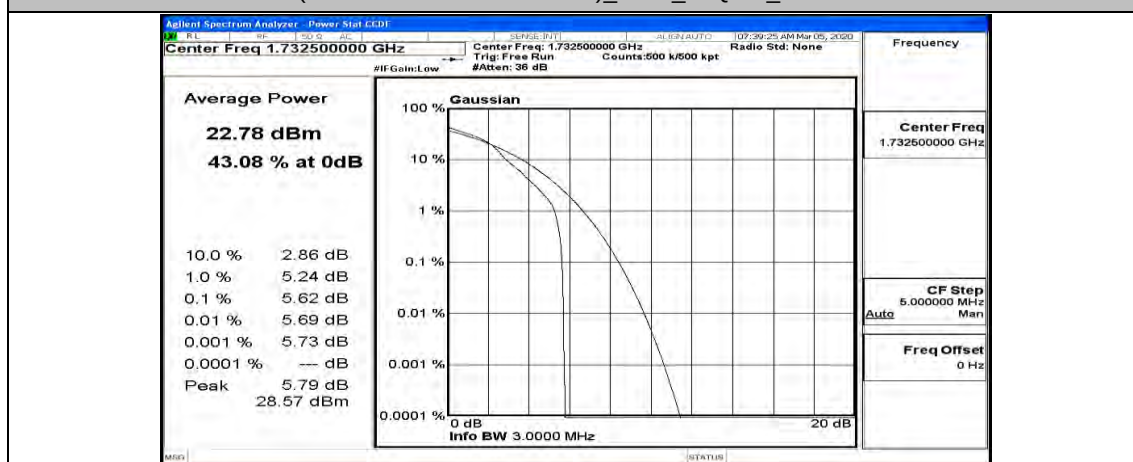


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

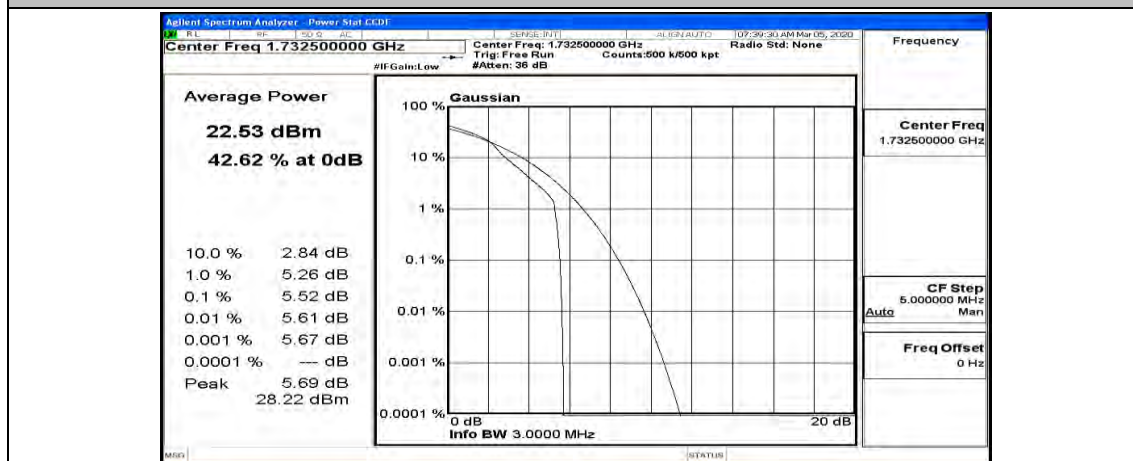




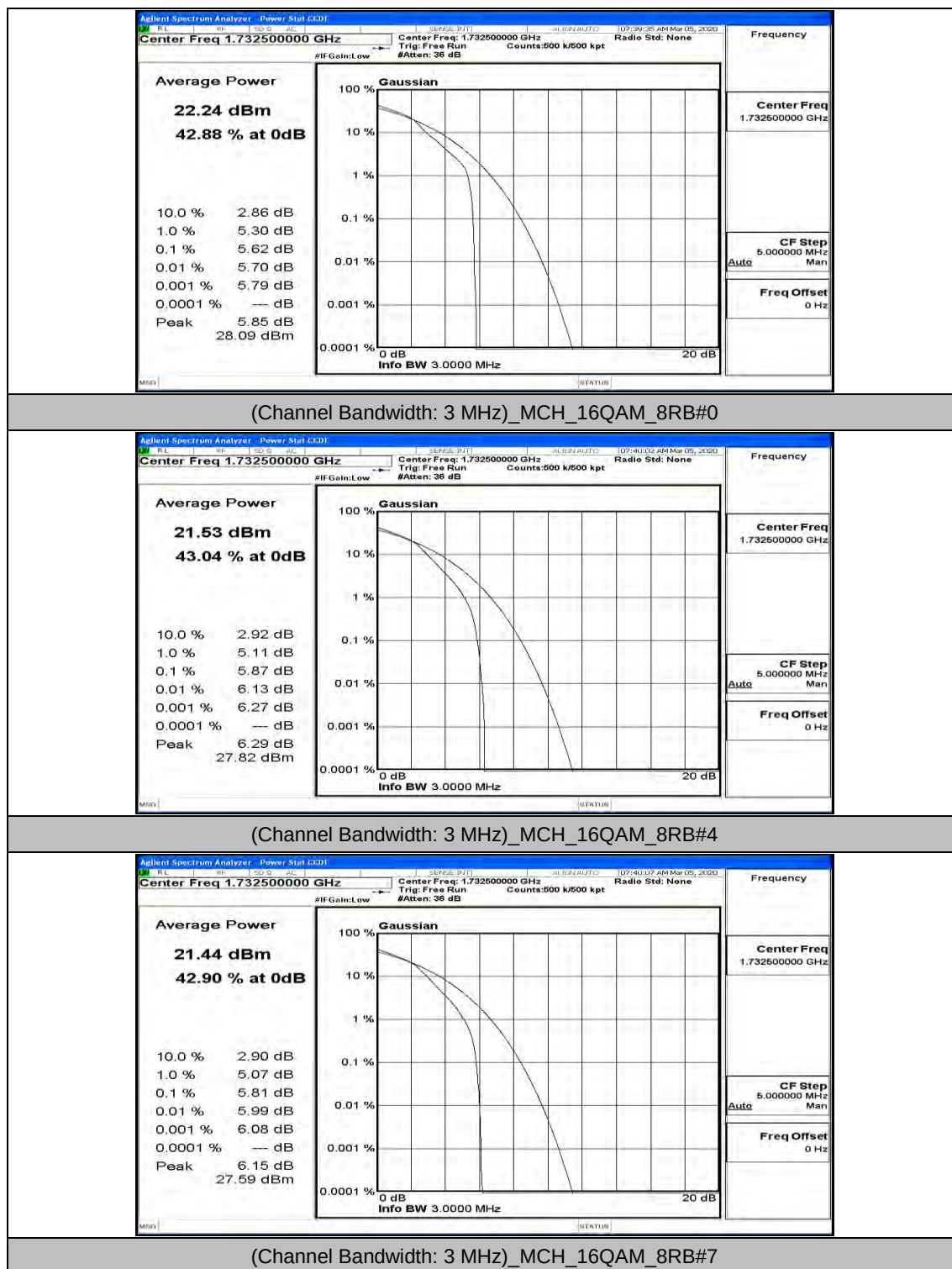
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

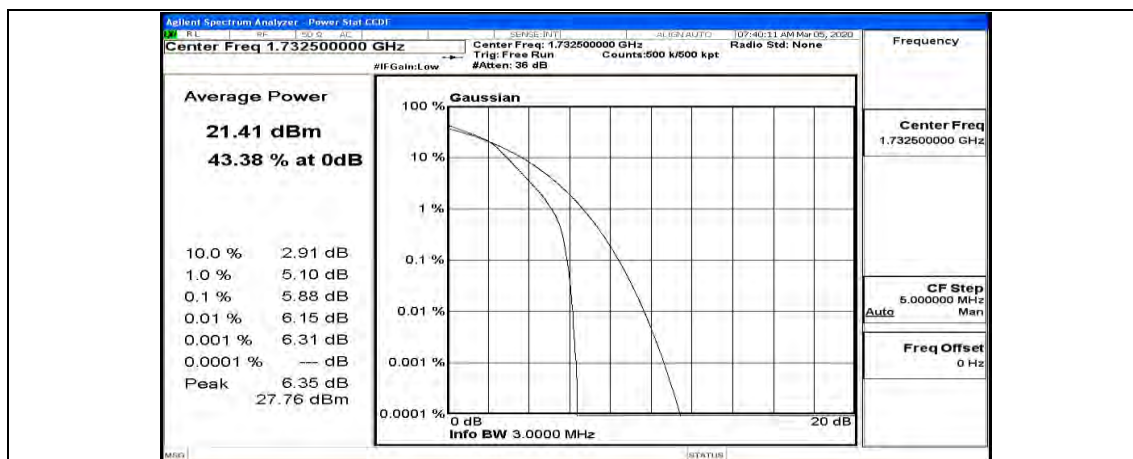


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

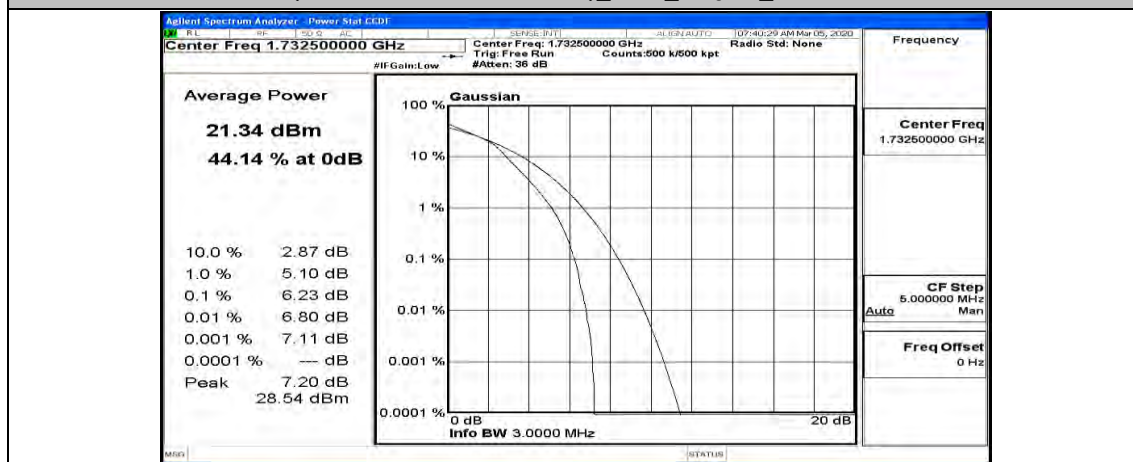


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

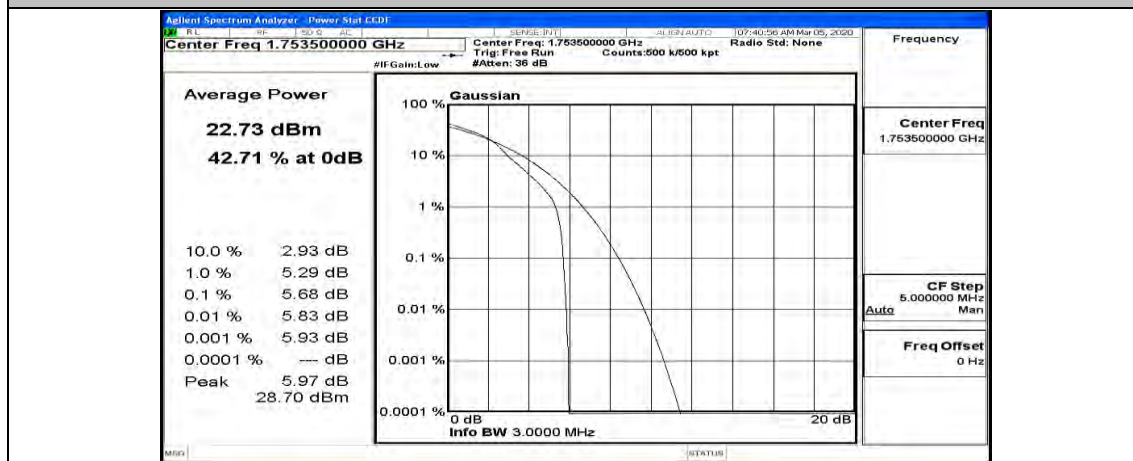




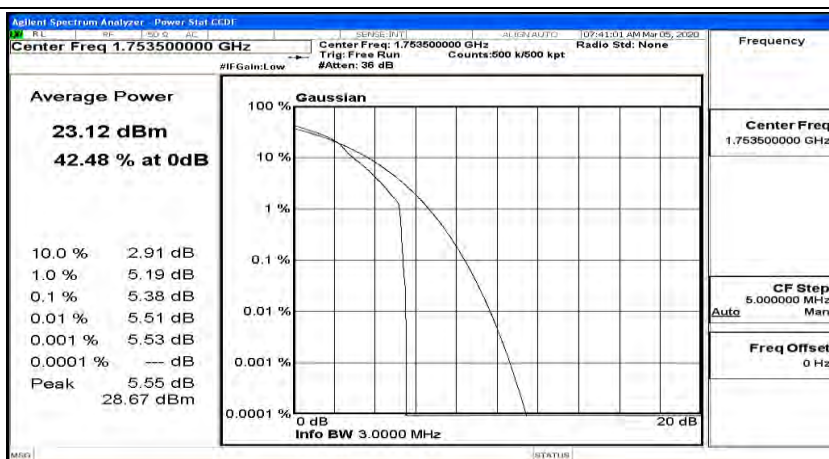
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



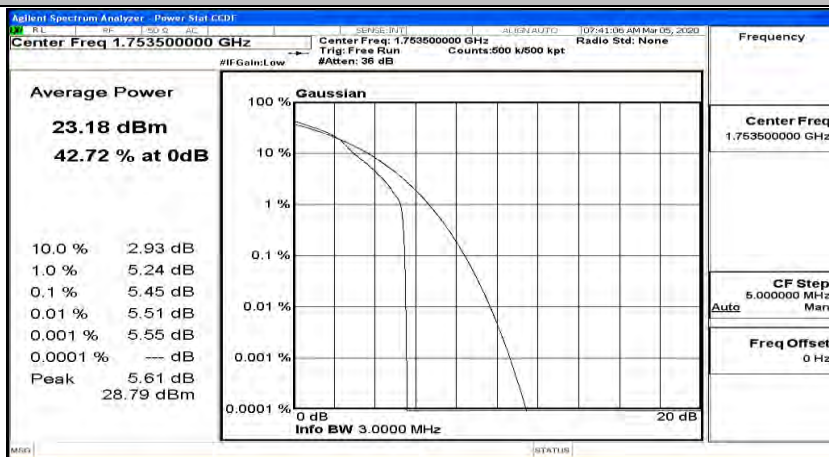
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



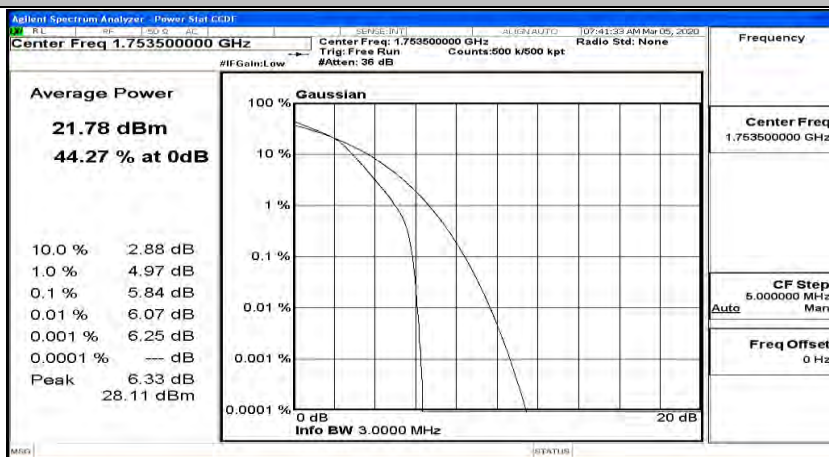
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



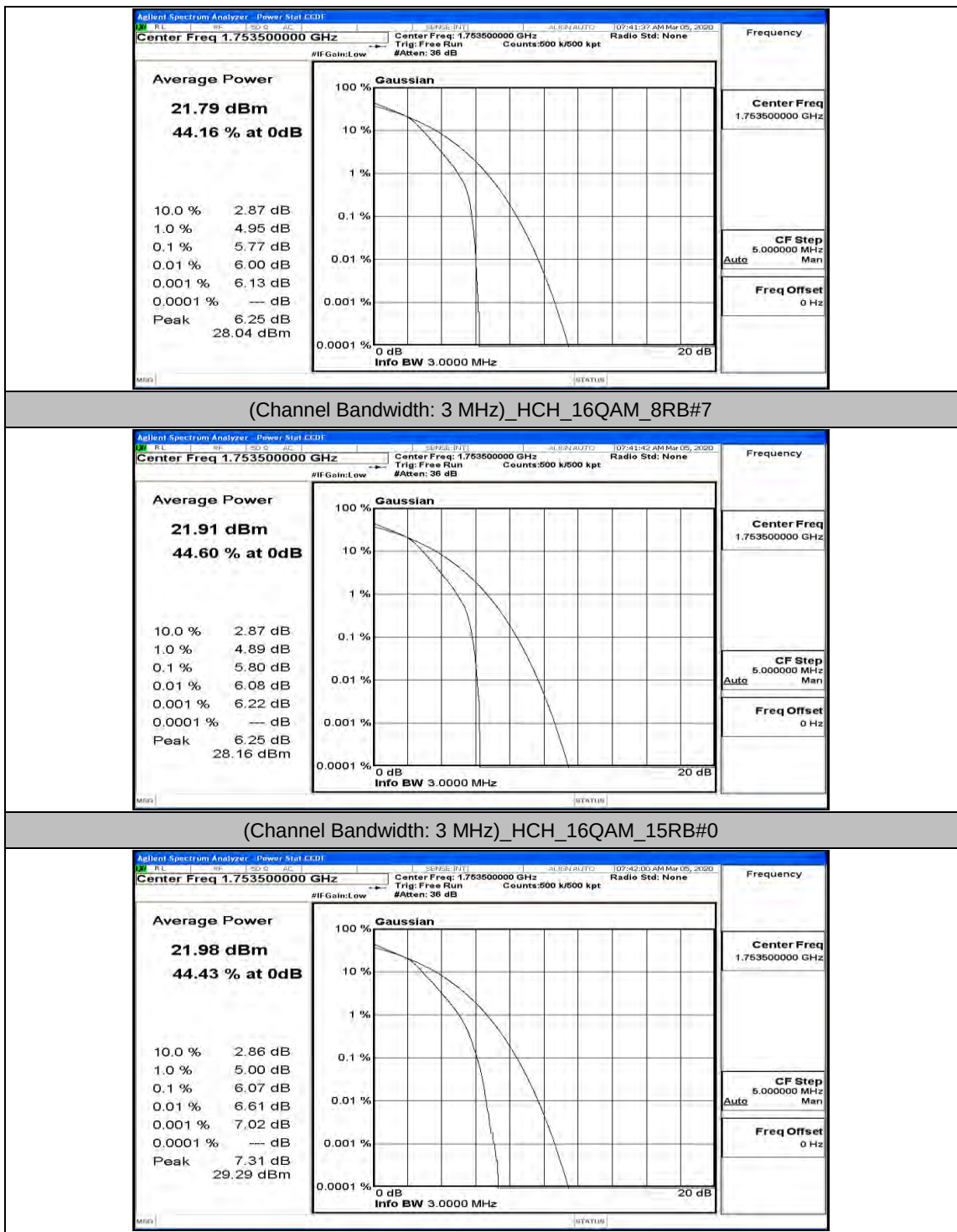
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

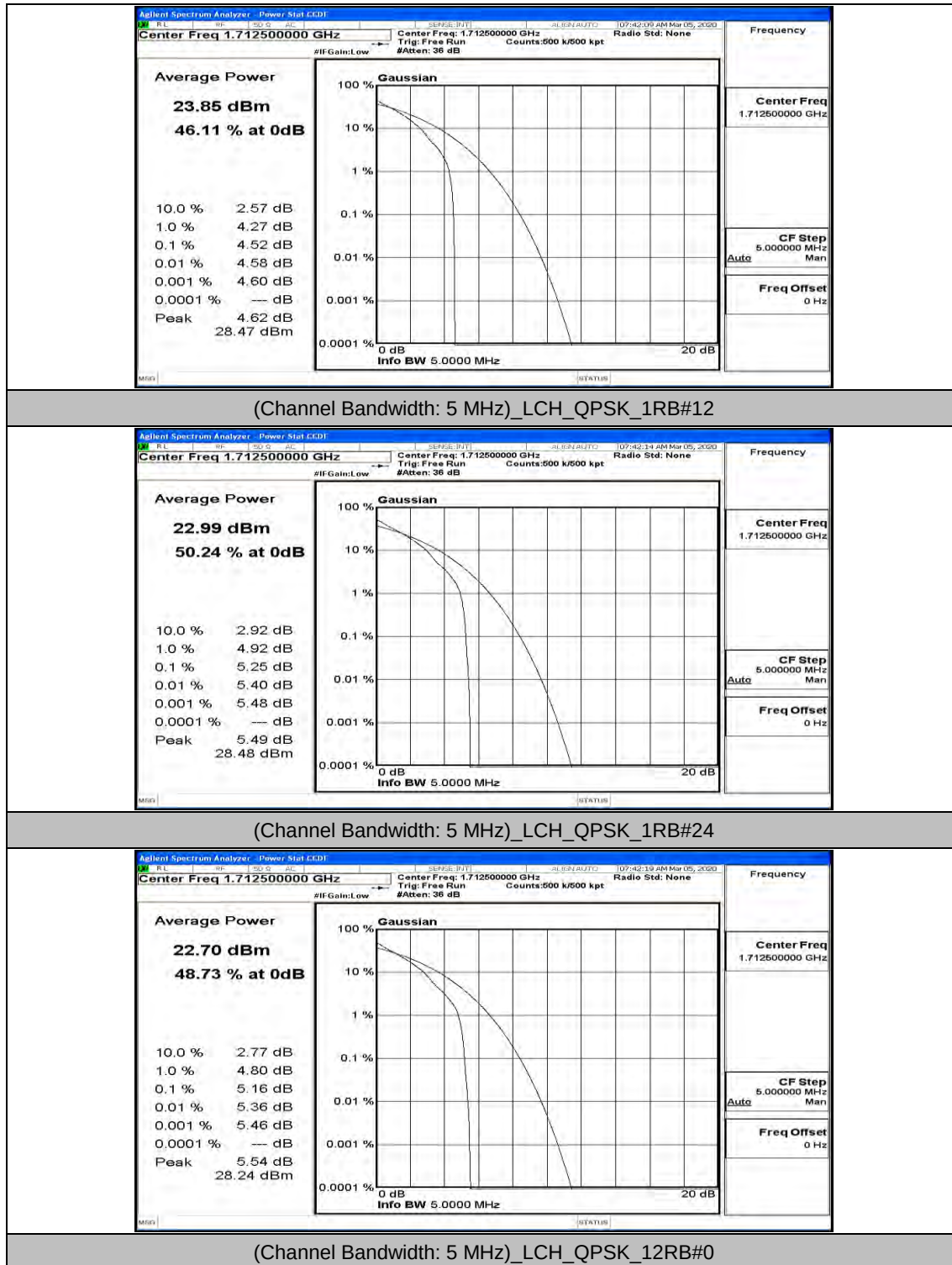


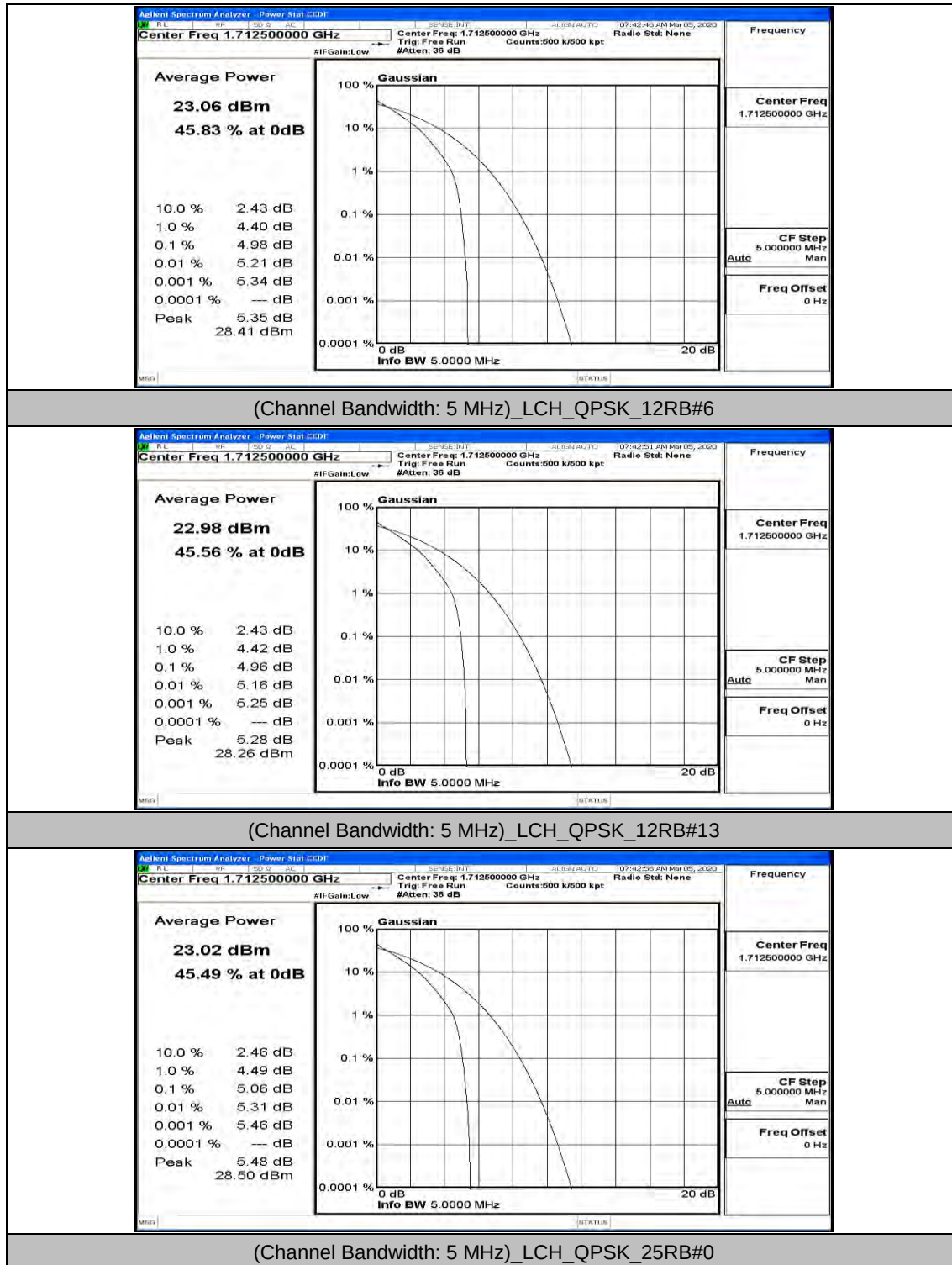
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0

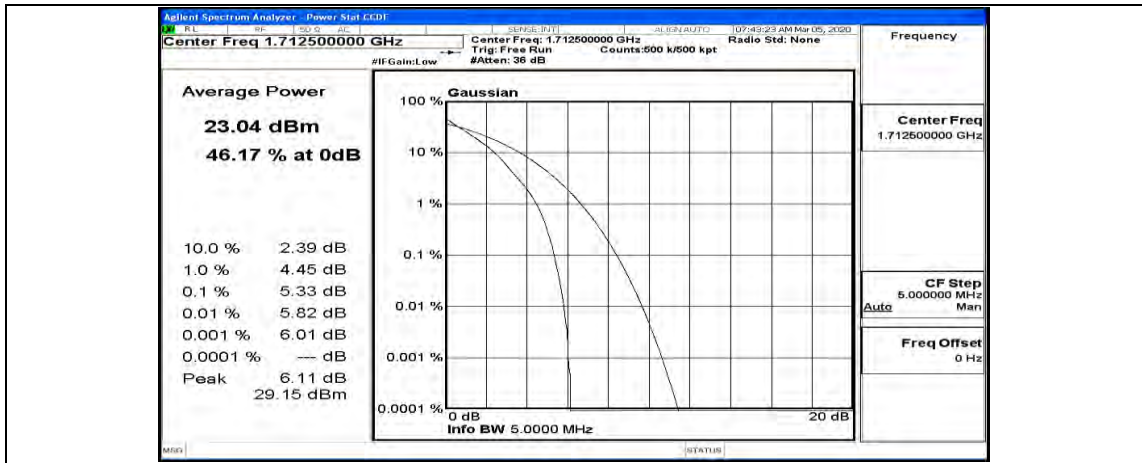


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

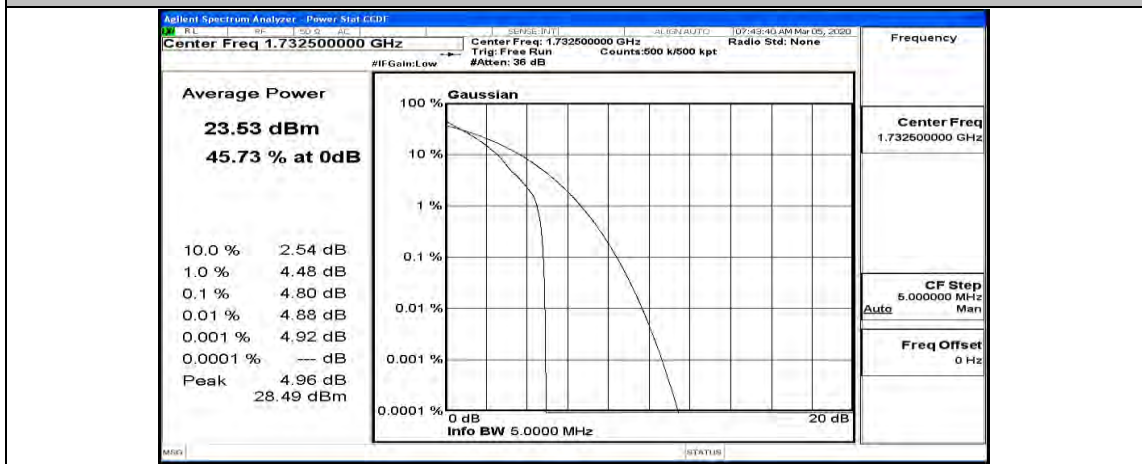




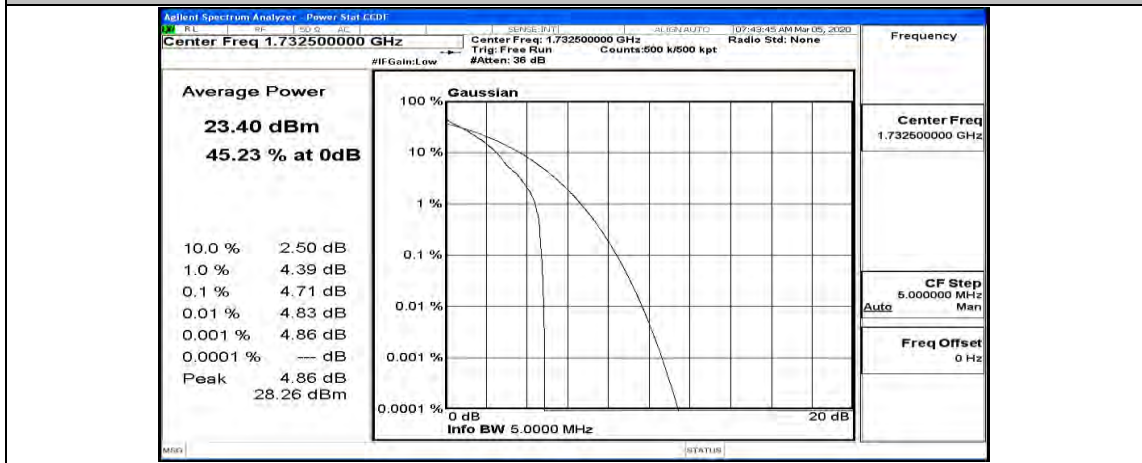




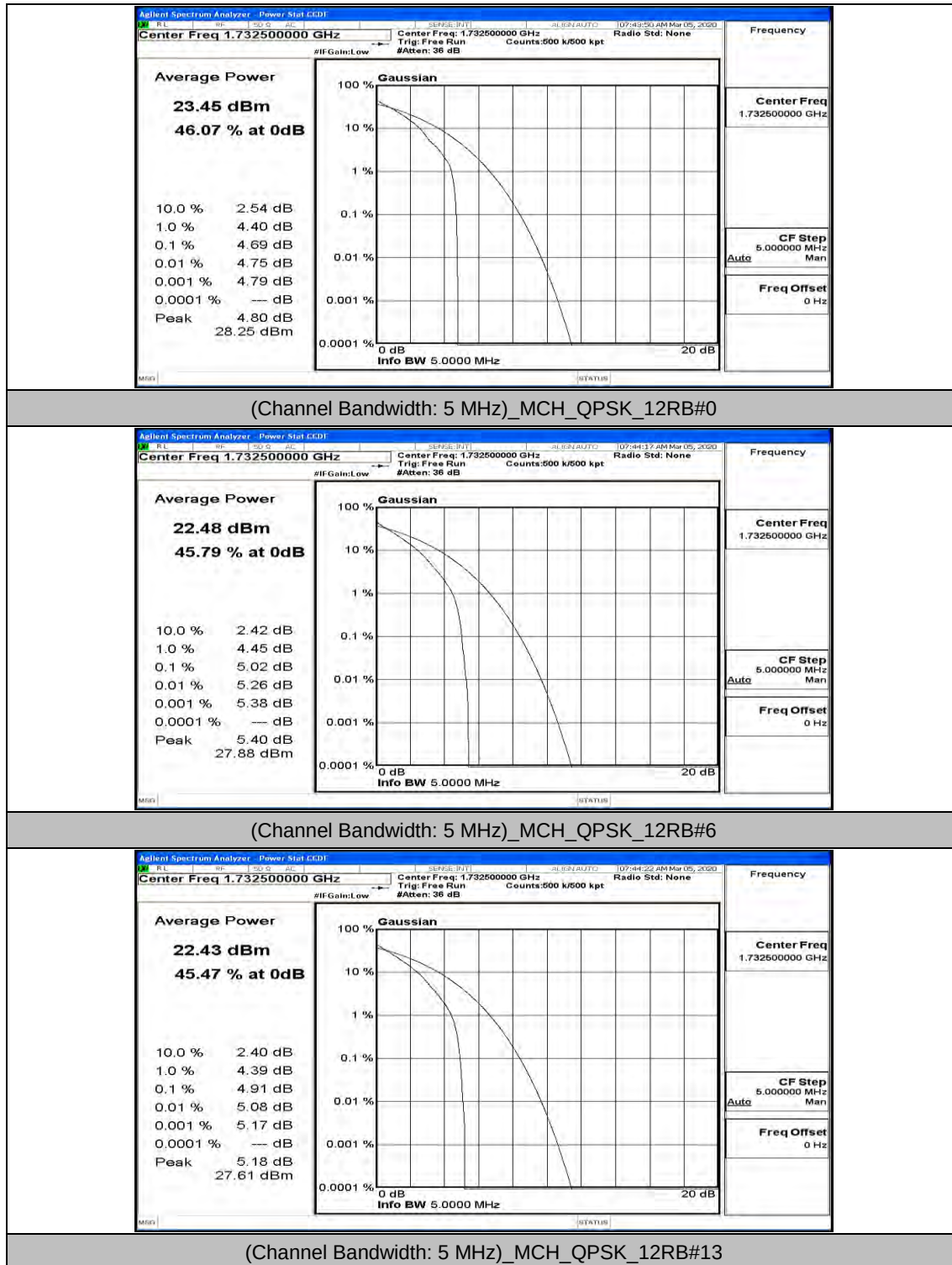
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

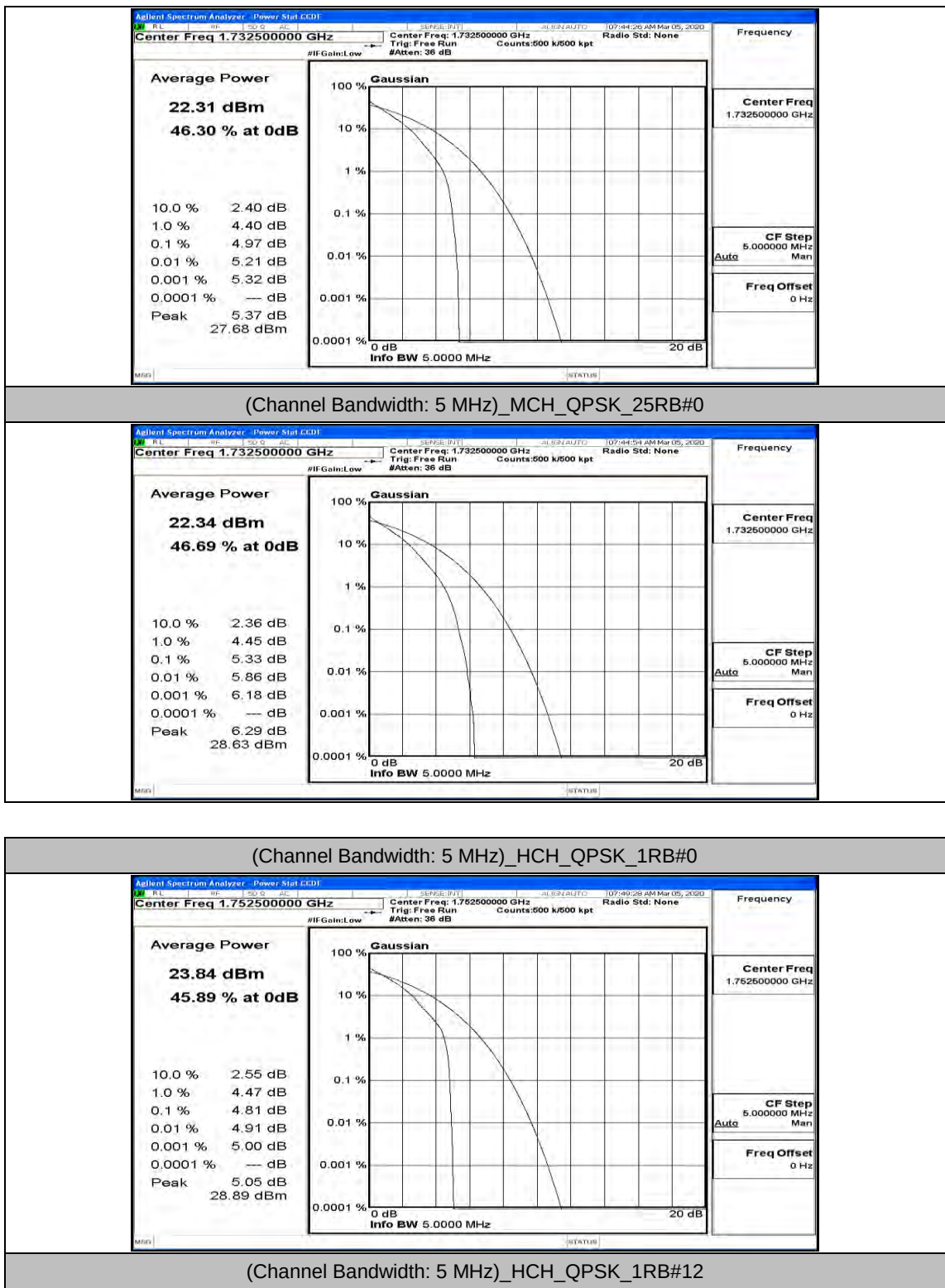


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24





(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

Agilent Spectrum Analyzer - Power Stat CCD1

Center Freq 1.752500000 GHz

Center Freq: 1.752500000 GHz

Trig: Free Run

Counts: 500 k/500 kpt

Radio Std: None

Frequency

Center Freq

1.752500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

23.84 dBm

45.89 % at 0dB

10.0 % 2.55 dB

1.0 % 4.47 dB

0.1 % 4.81 dB

0.01 % 4.91 dB

0.001 % 5.00 dB

0.0001 % — dB

Peak 5.05 dB

28.89 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

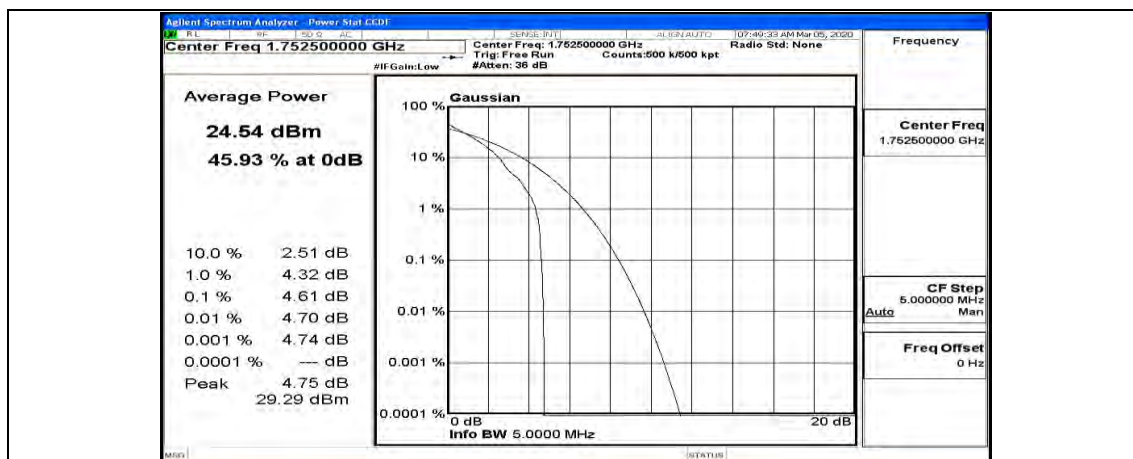
0.0001 %

0 dB

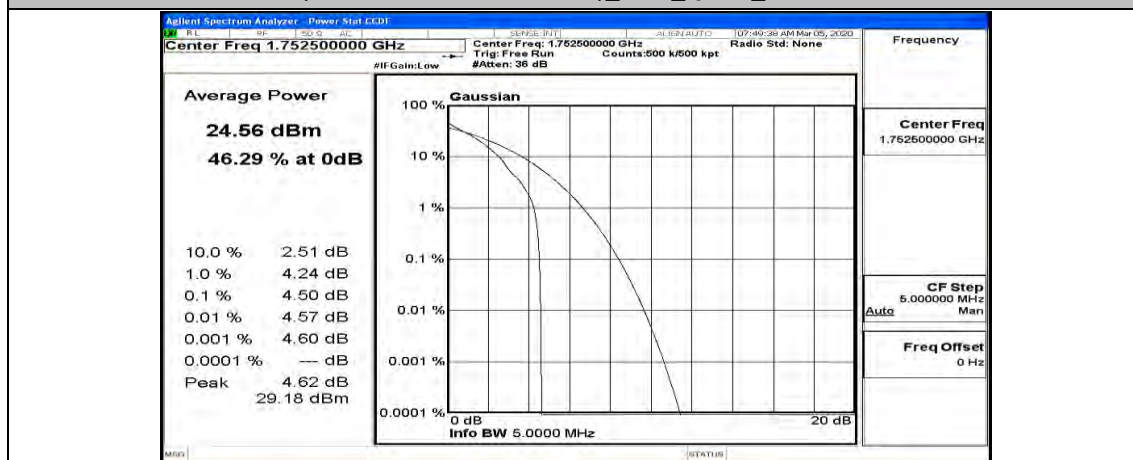
20 dB

Info BW 5.0000 MHz

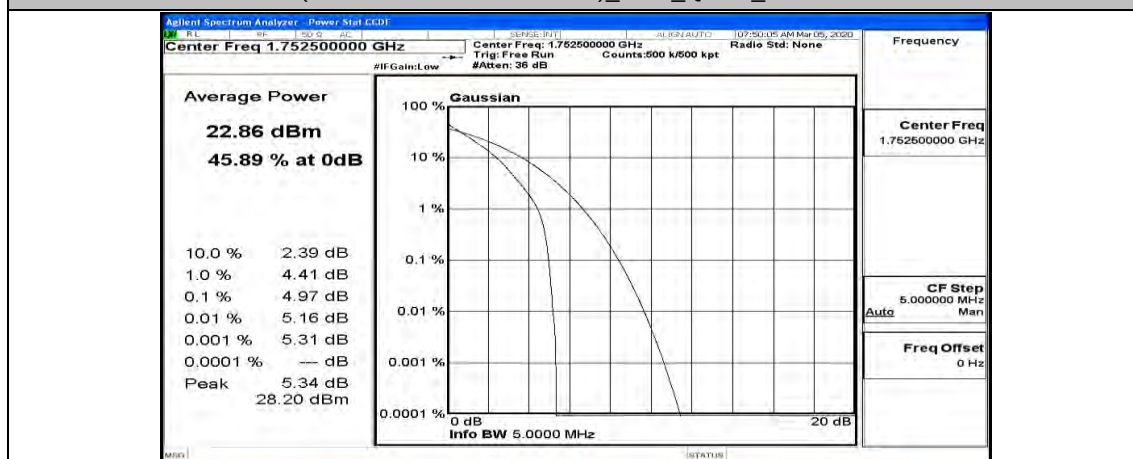
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



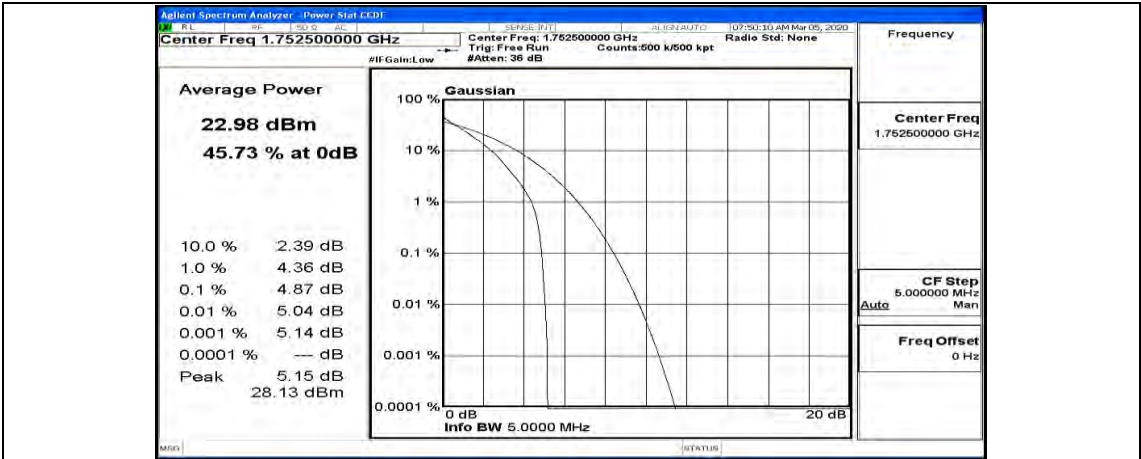
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



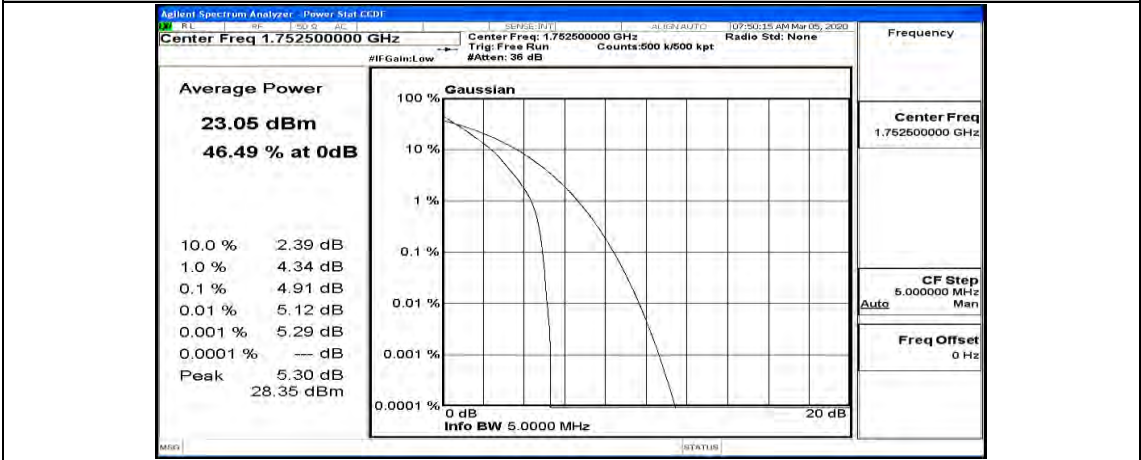
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



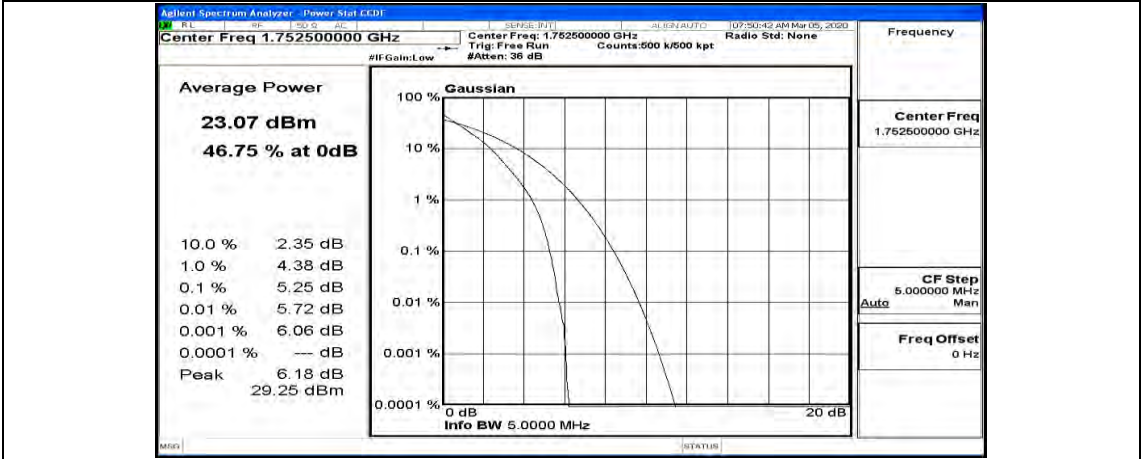
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



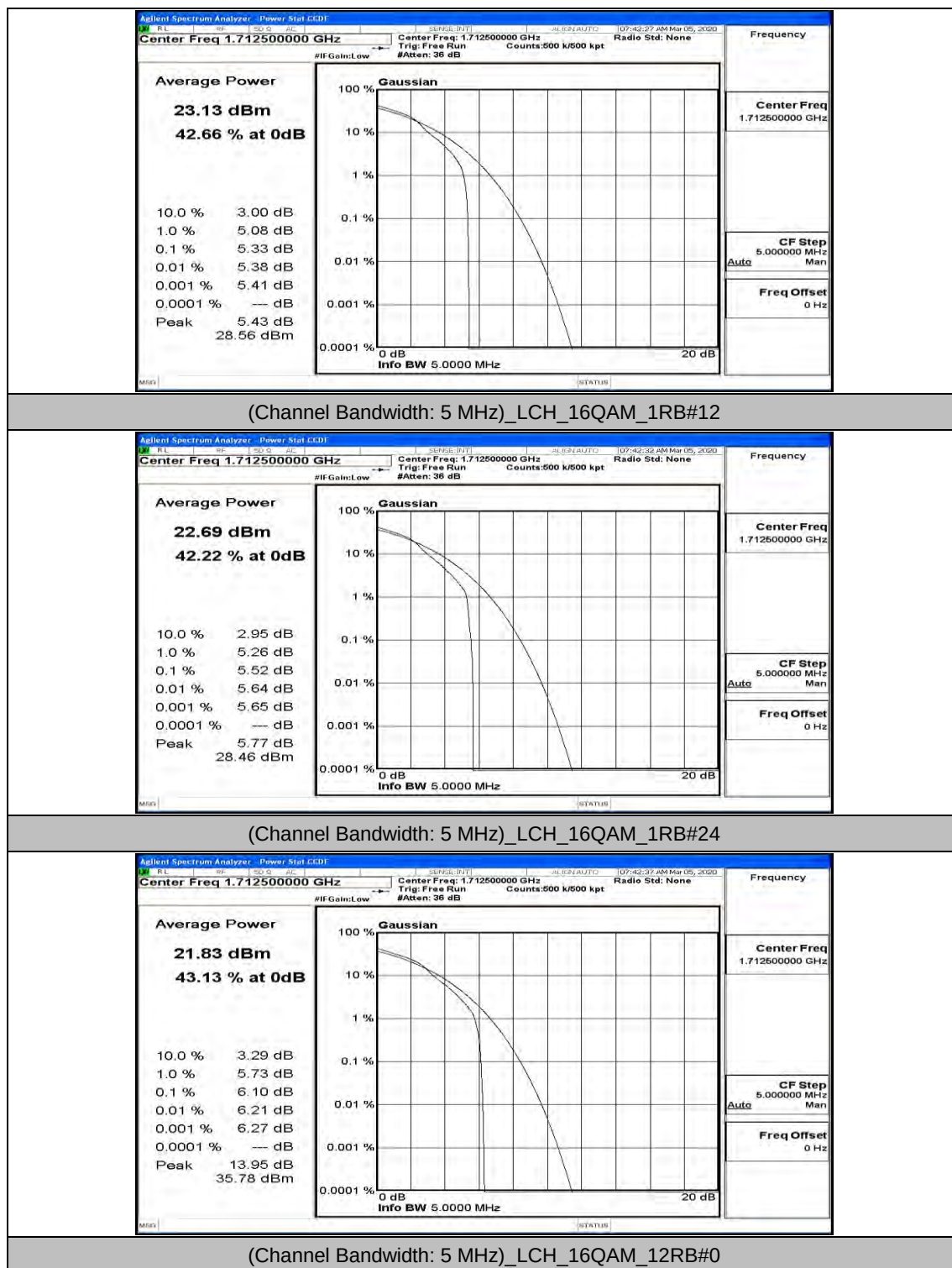
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

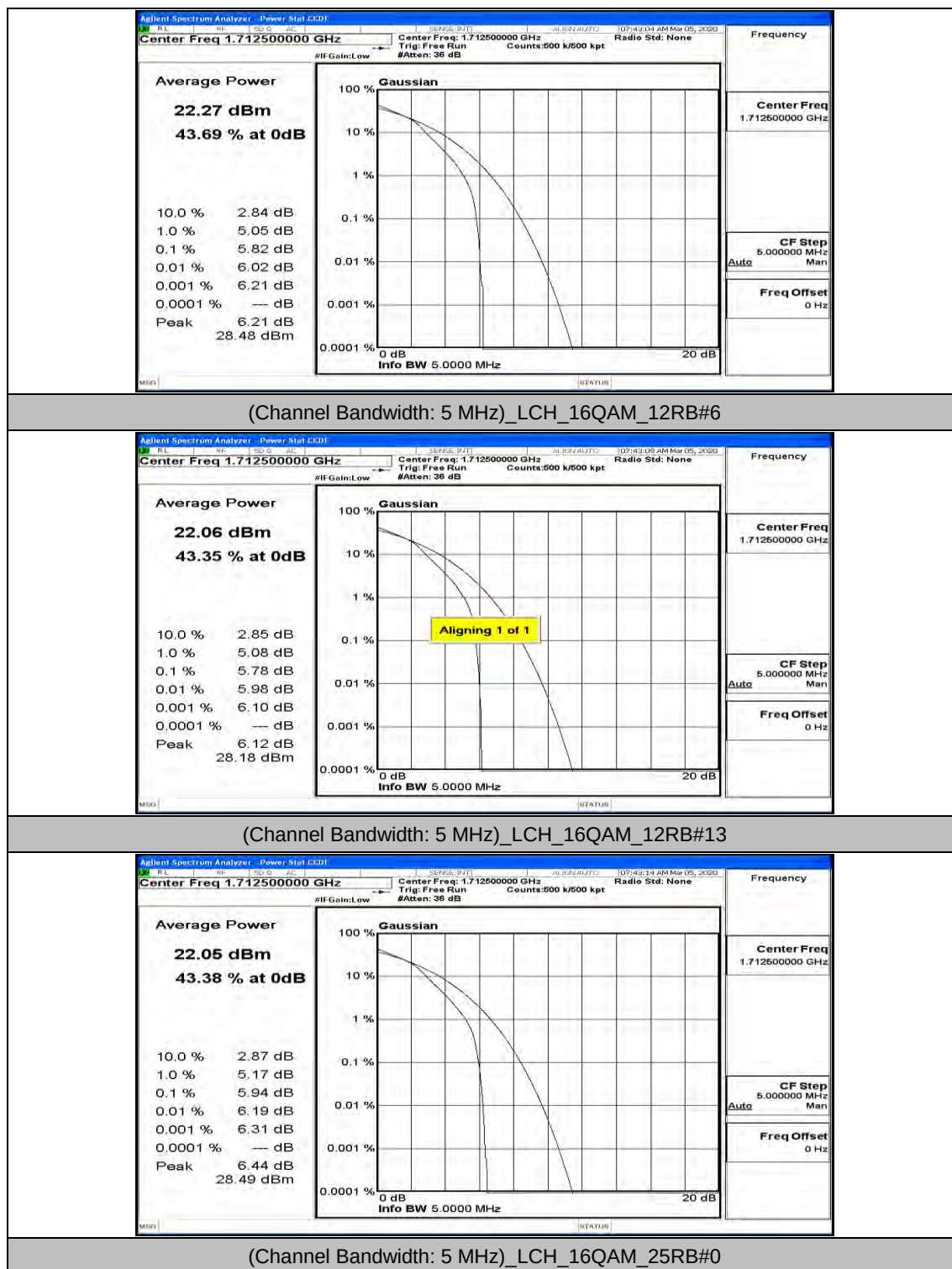


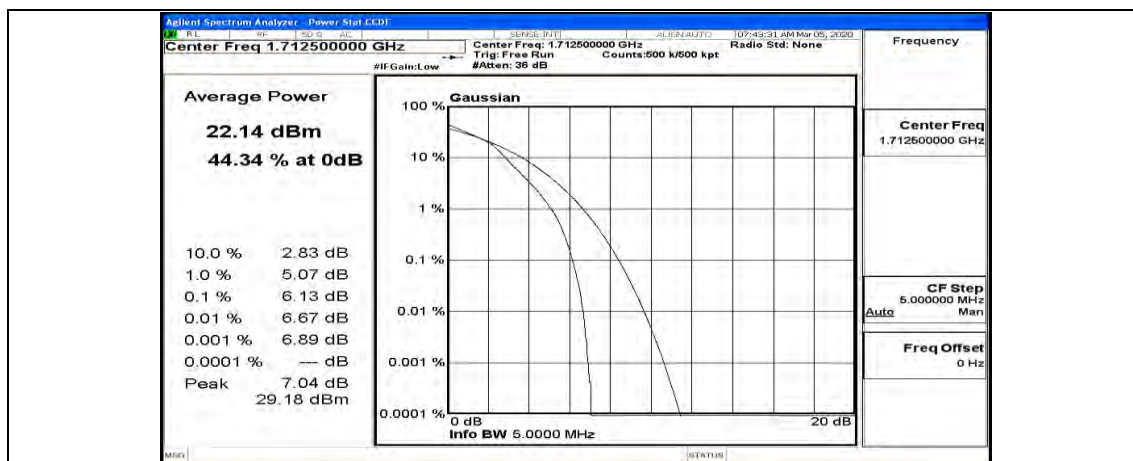
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



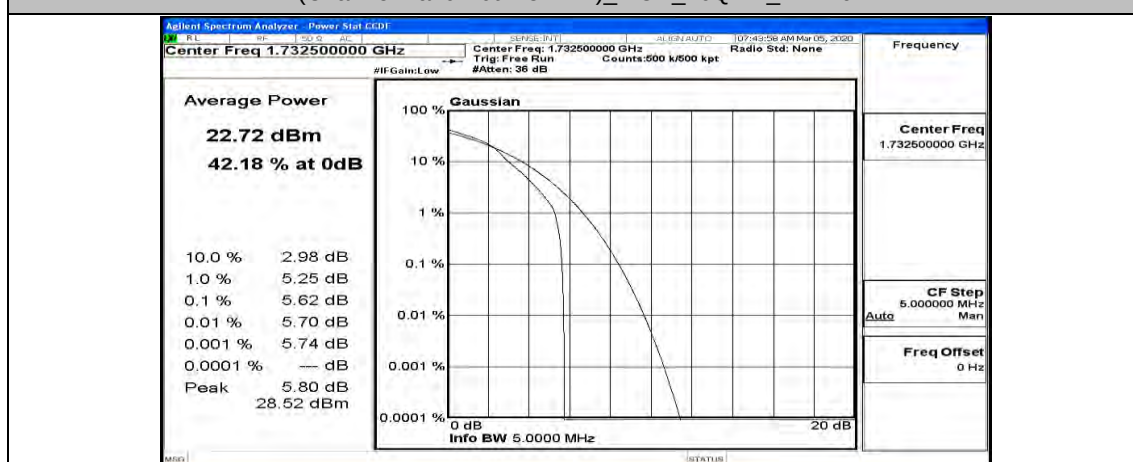
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



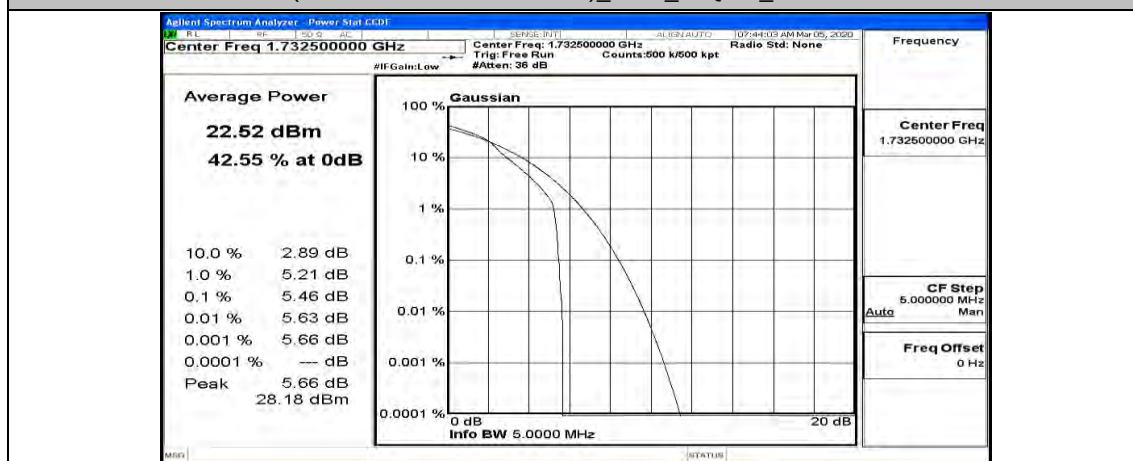




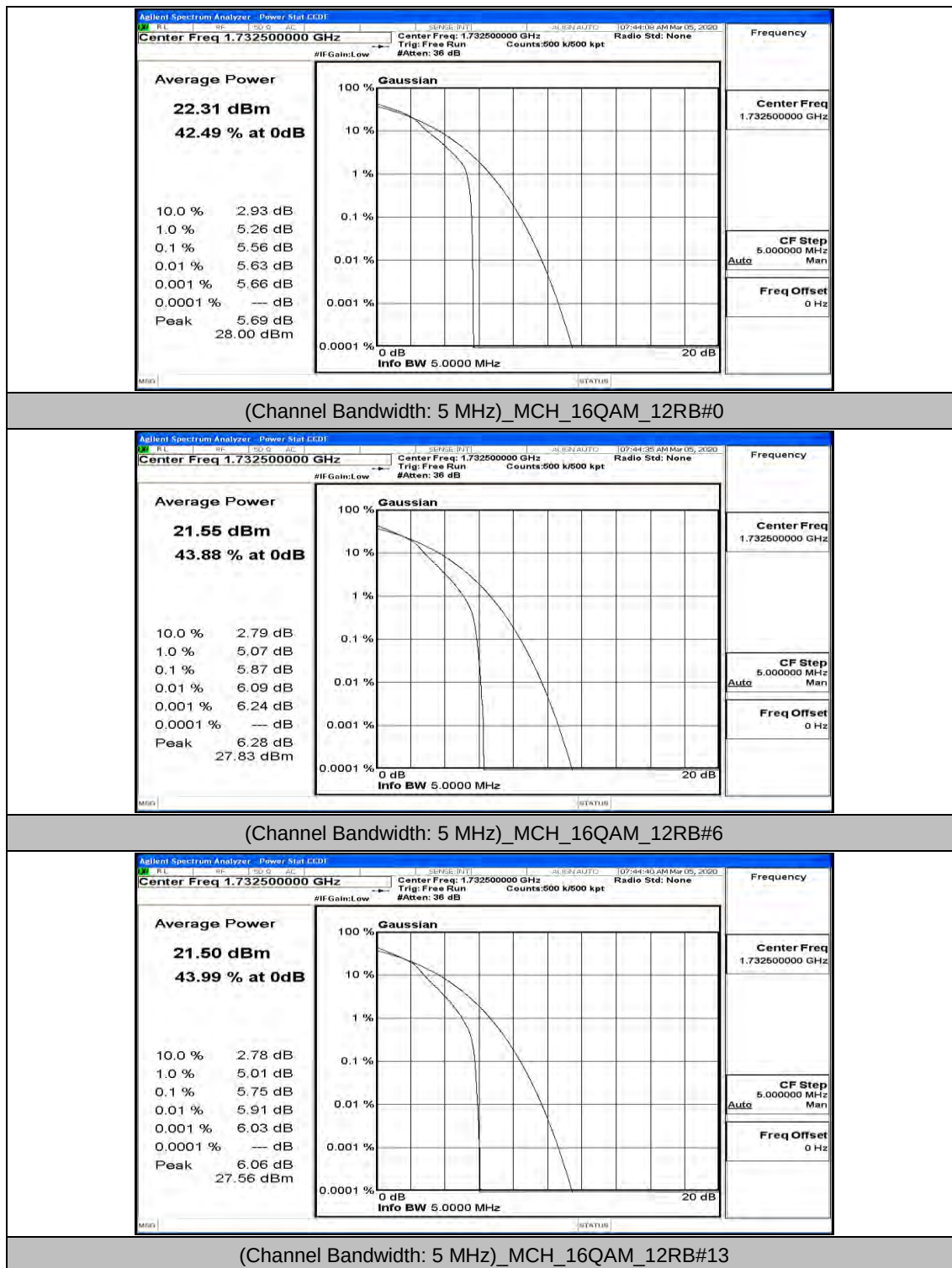
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

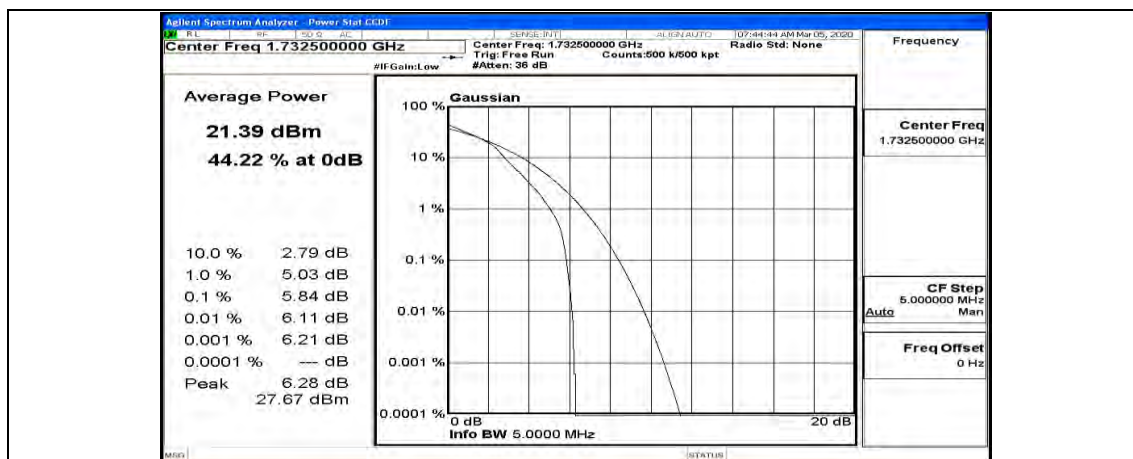


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

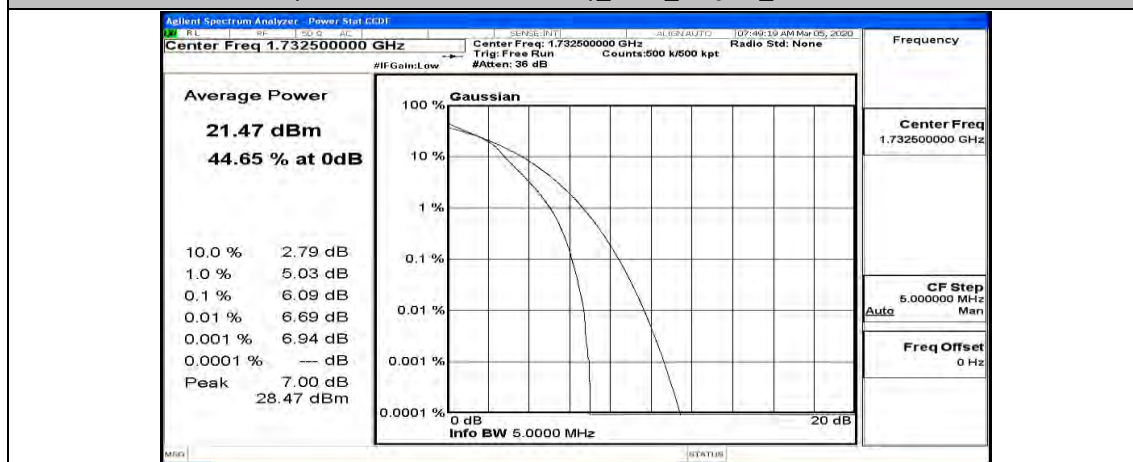


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

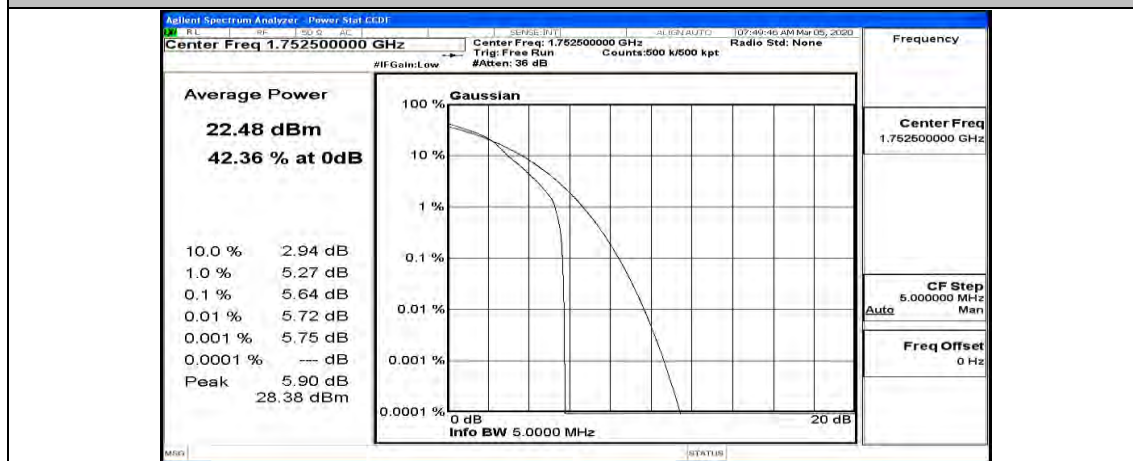




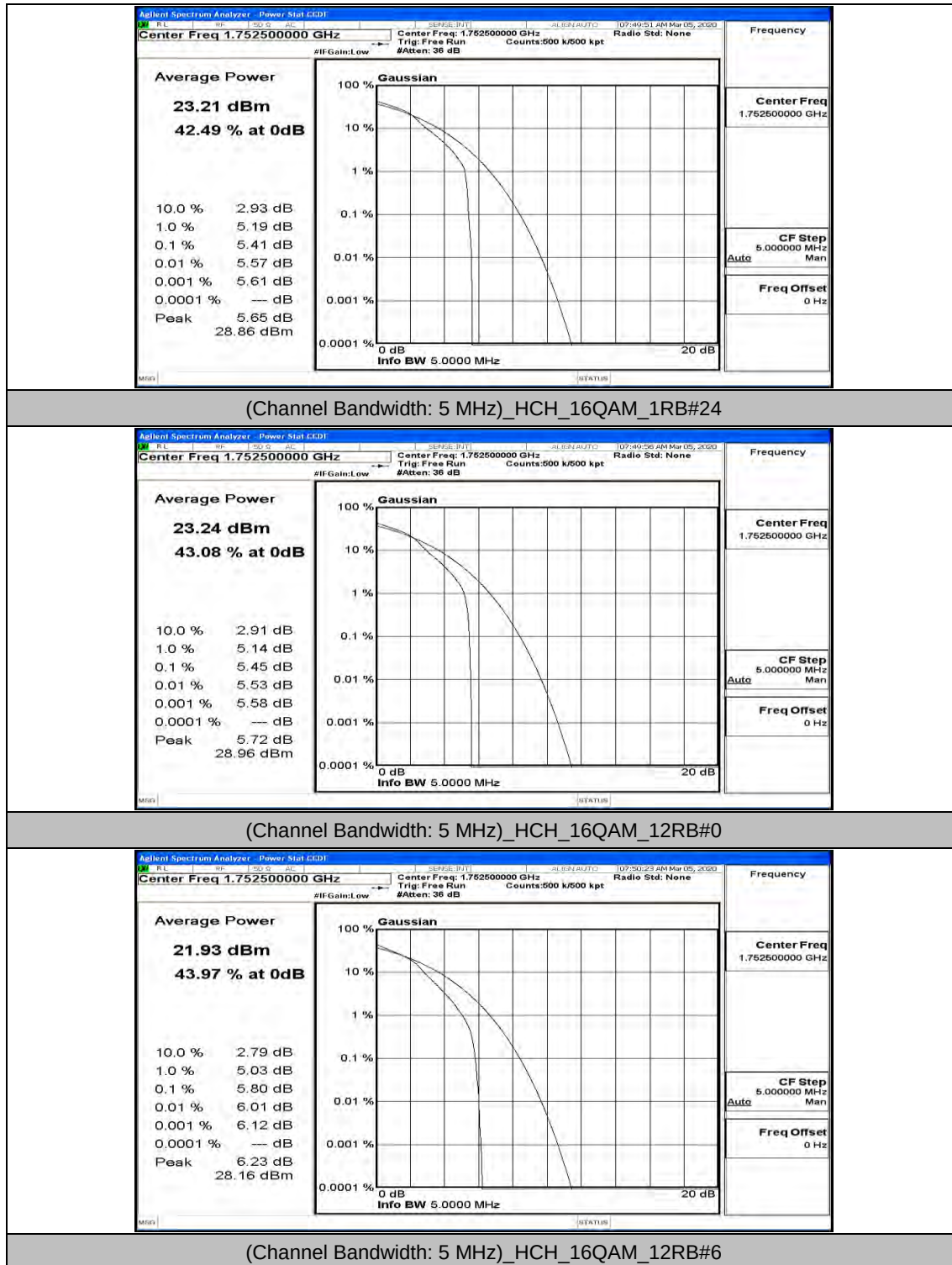
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

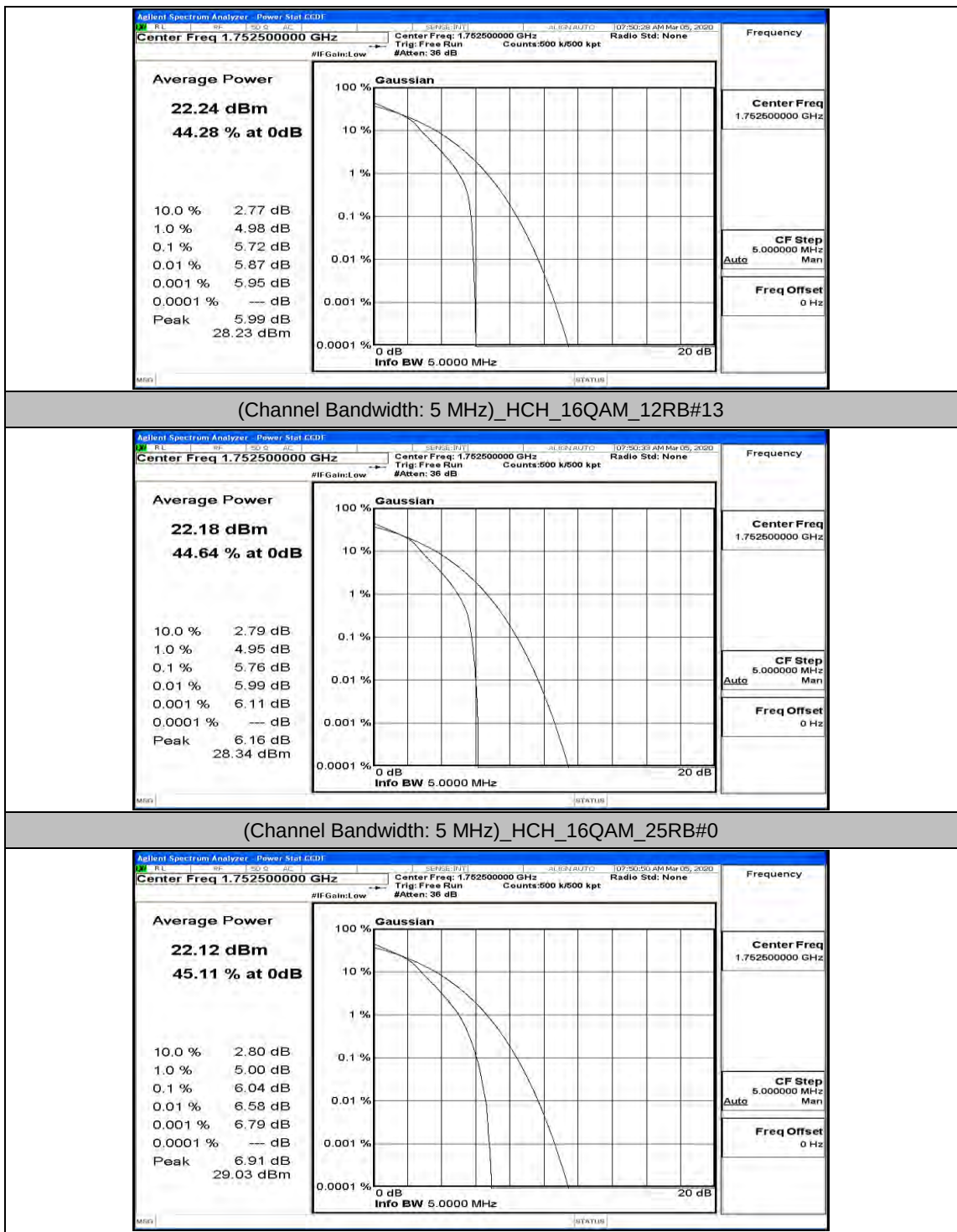


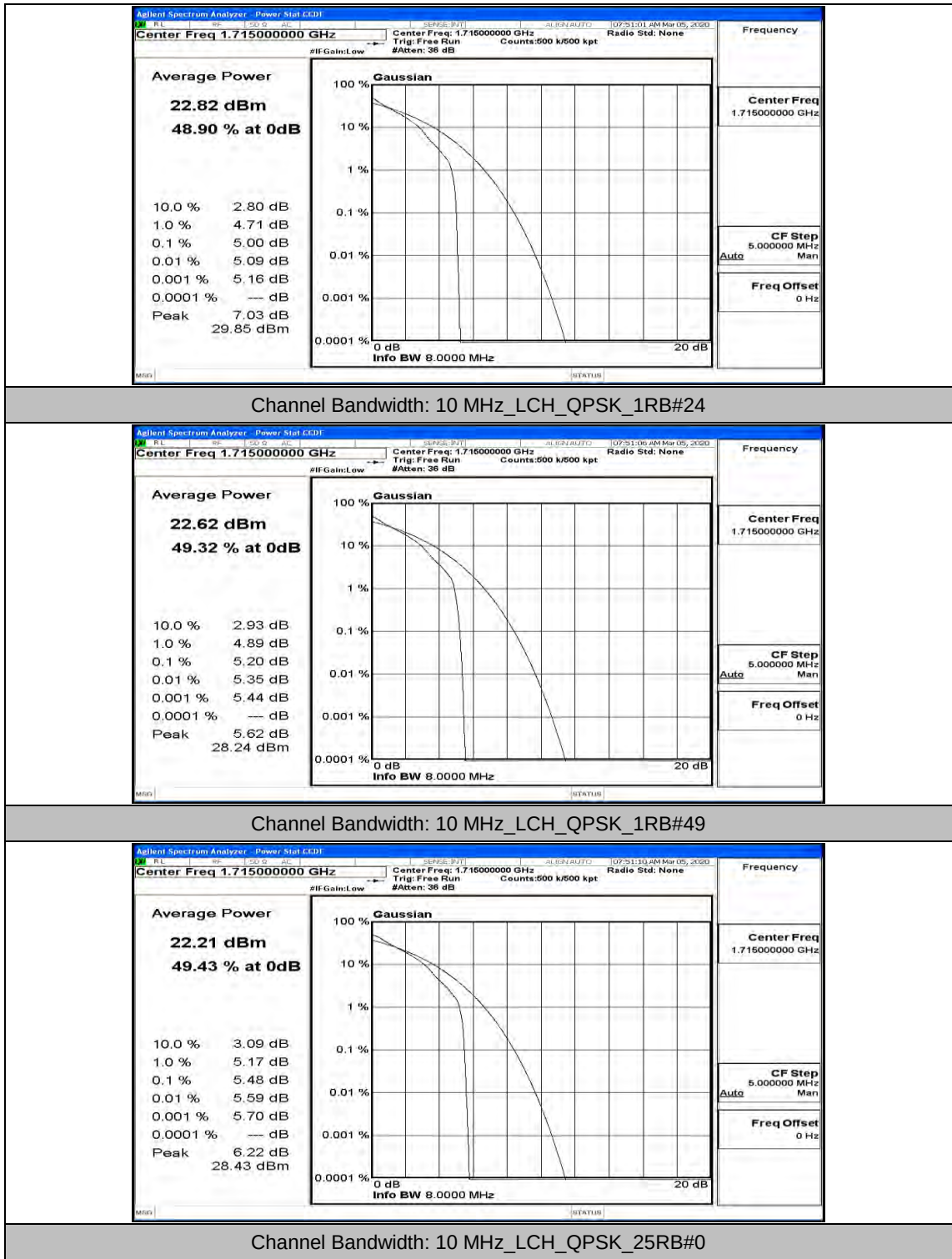
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

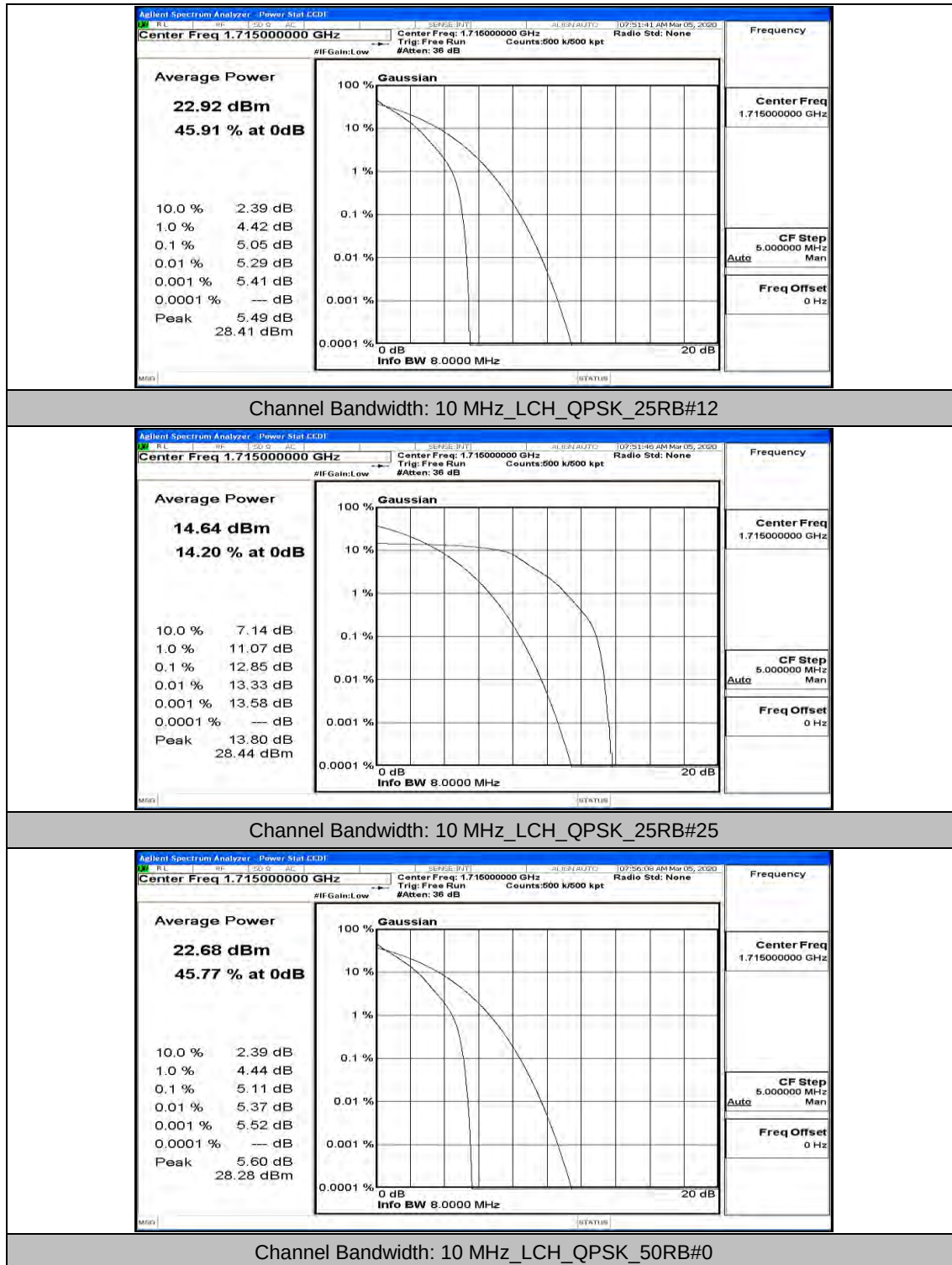


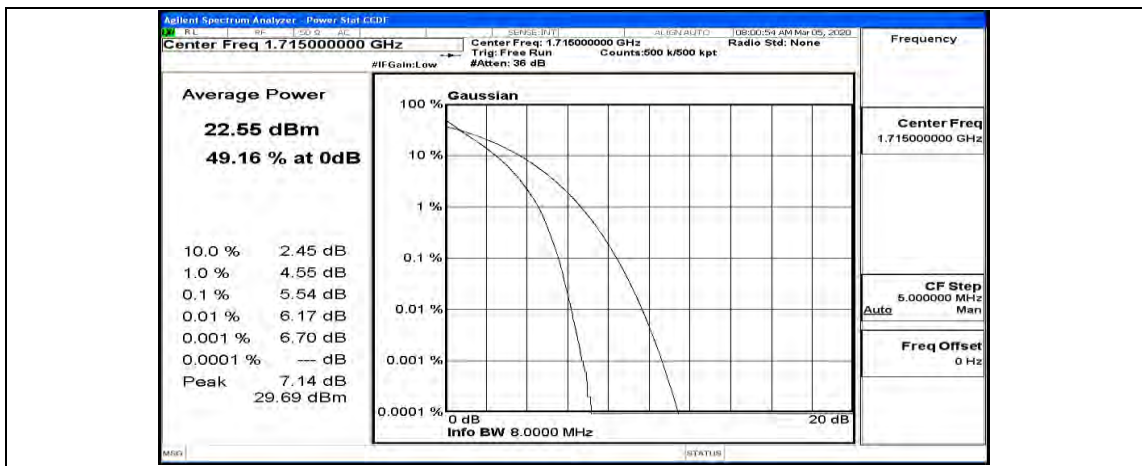
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



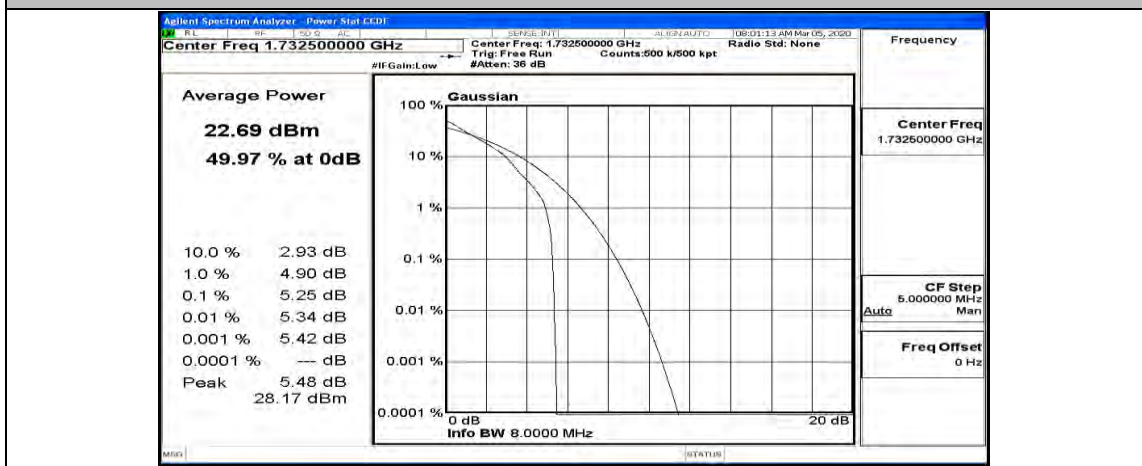




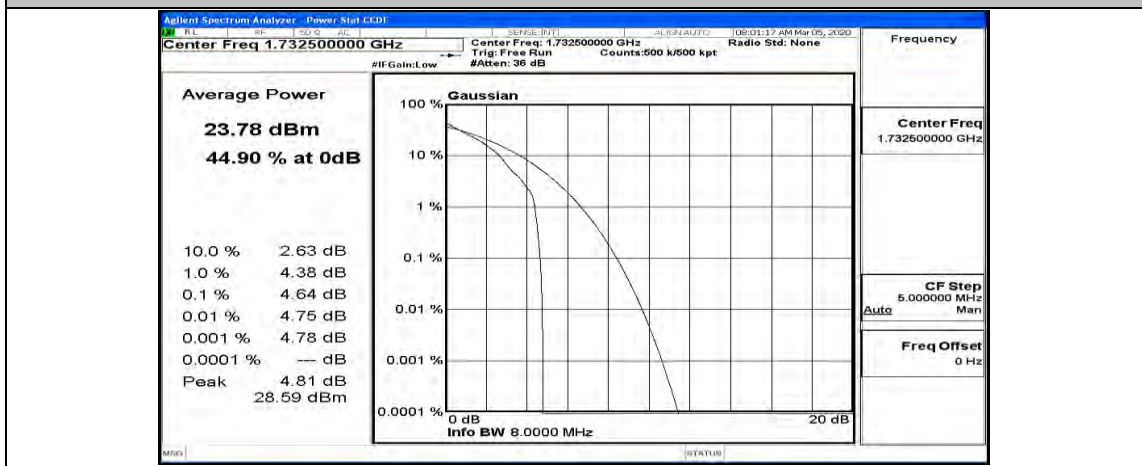




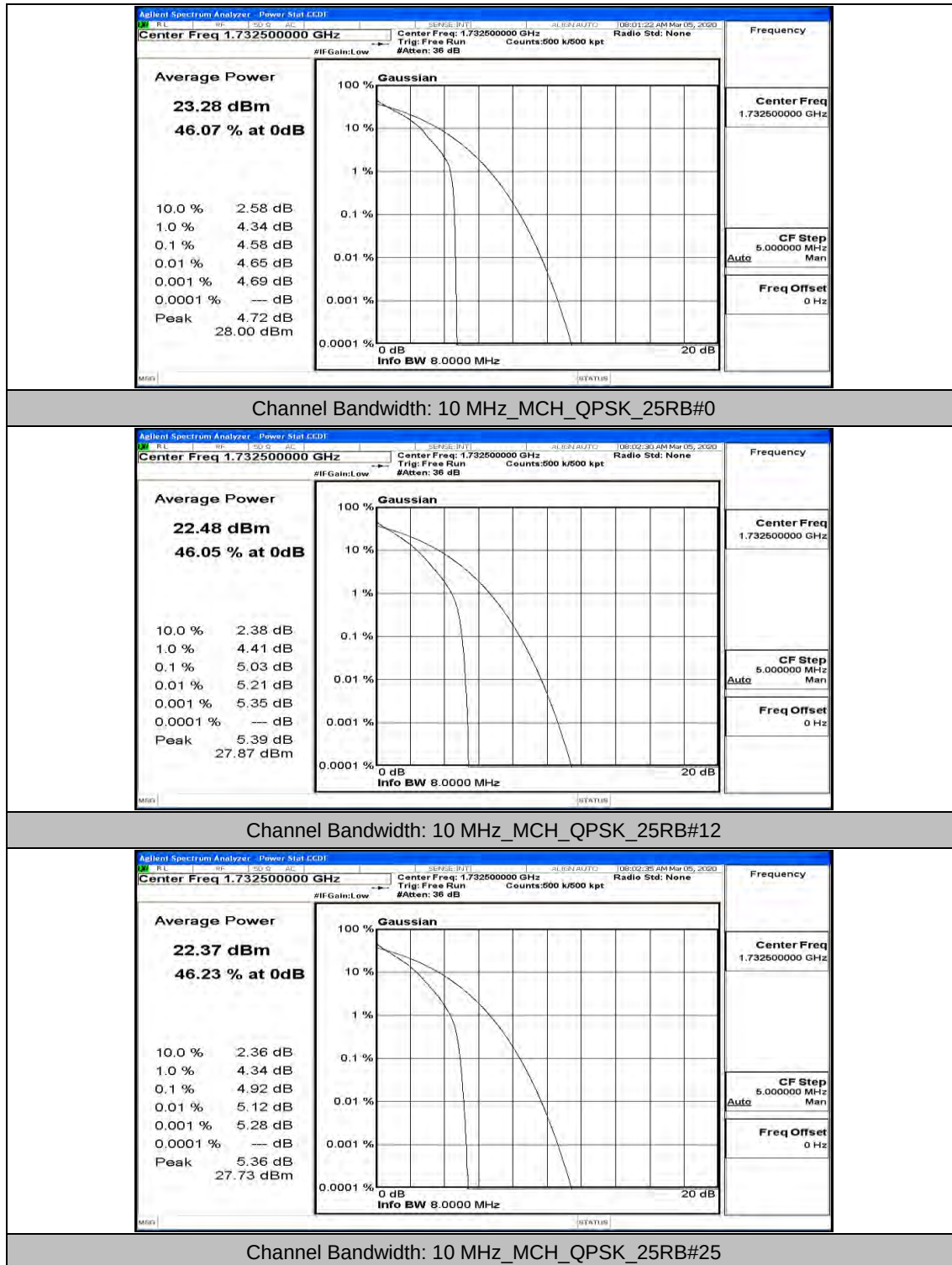
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

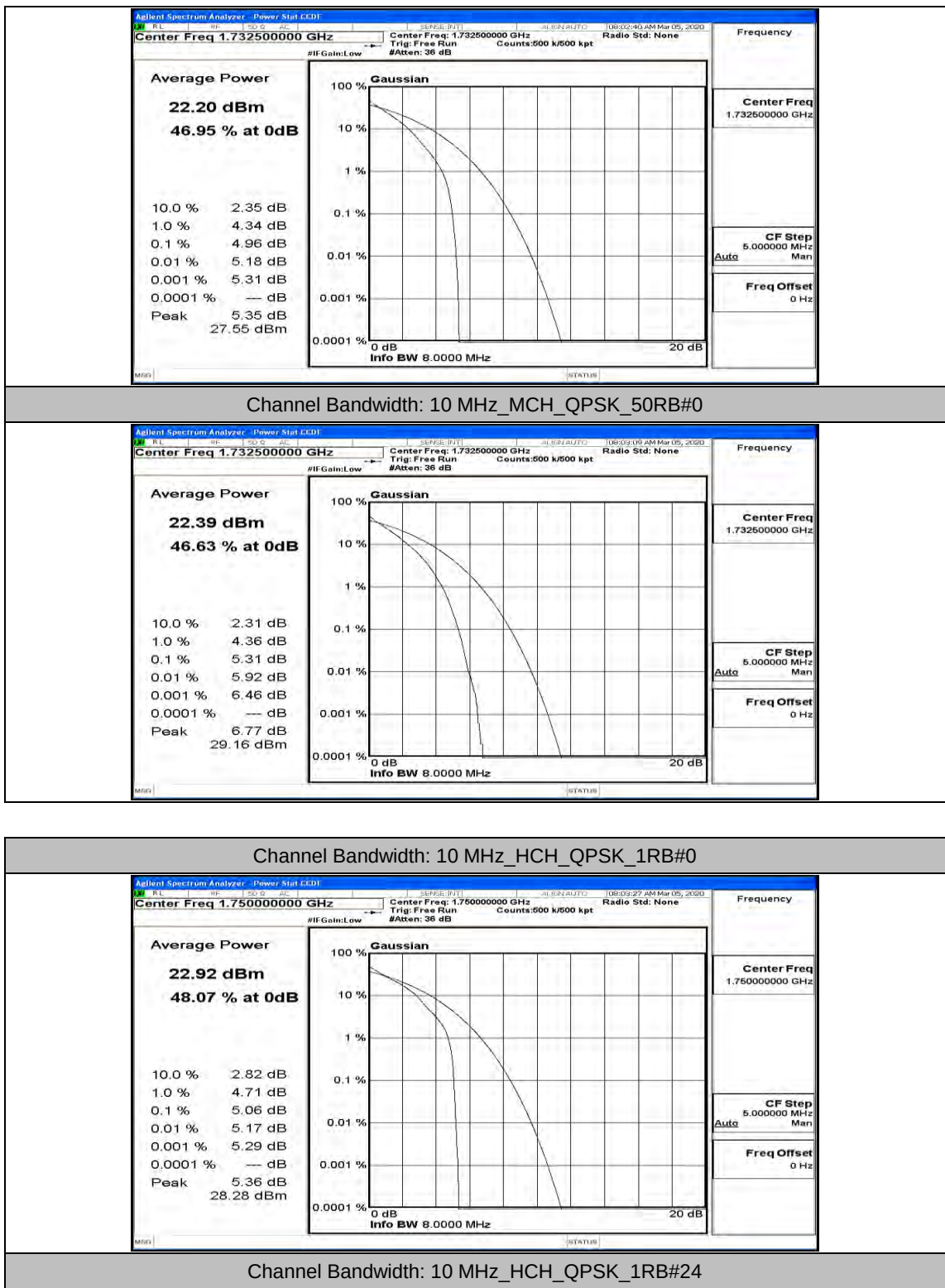


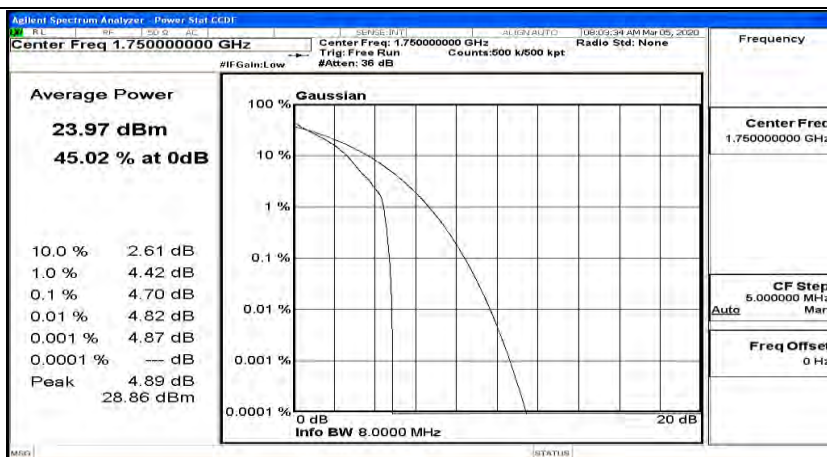
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



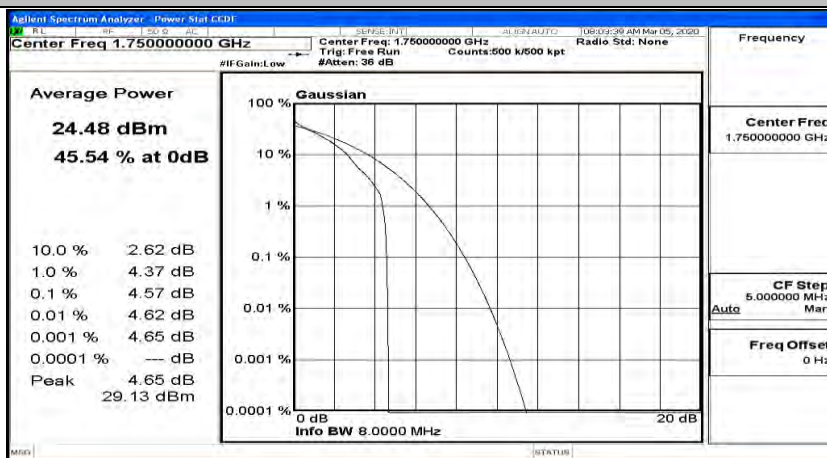
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



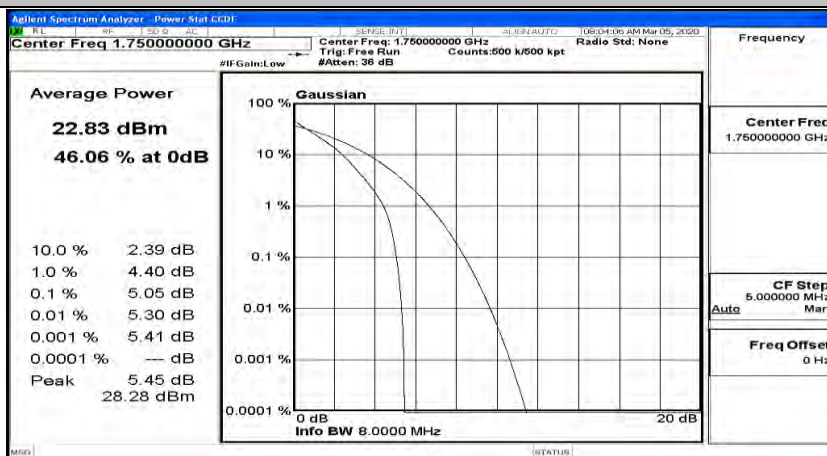




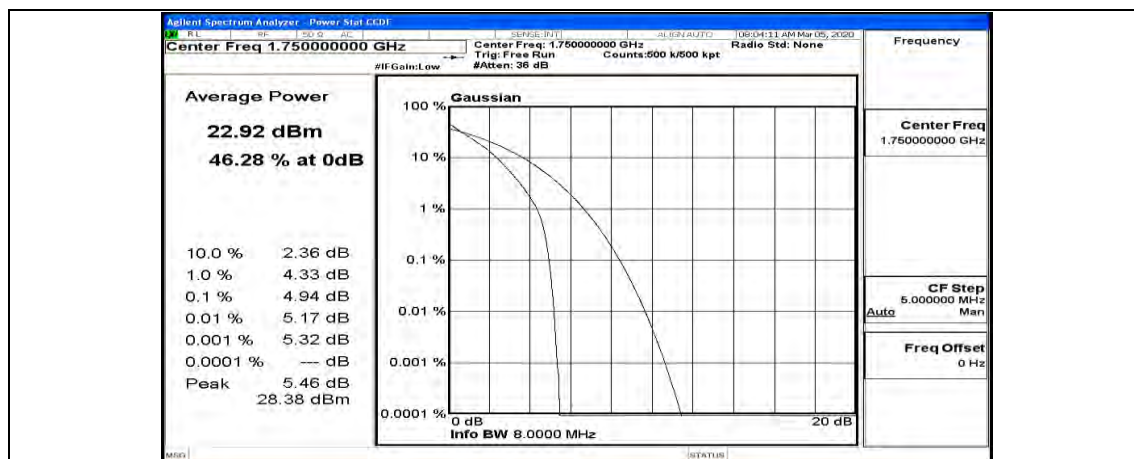
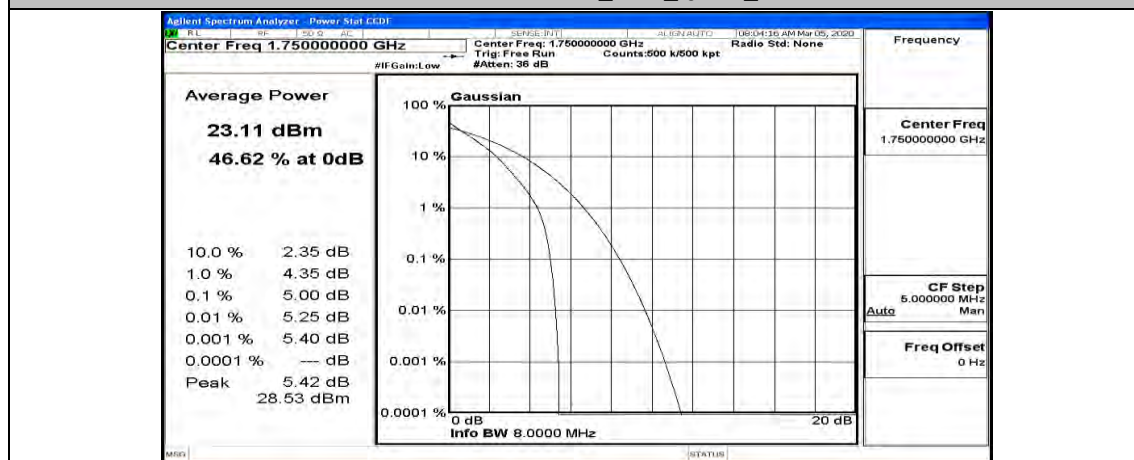
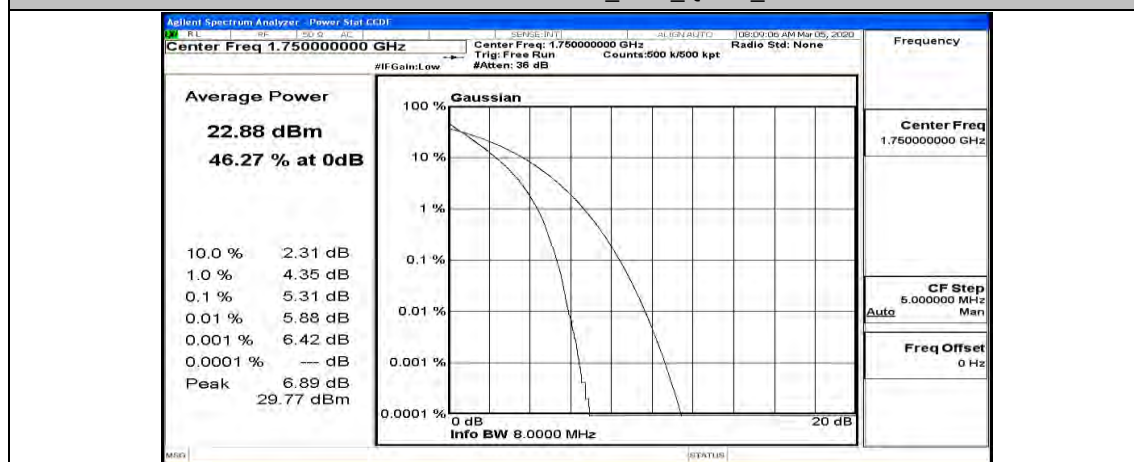
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

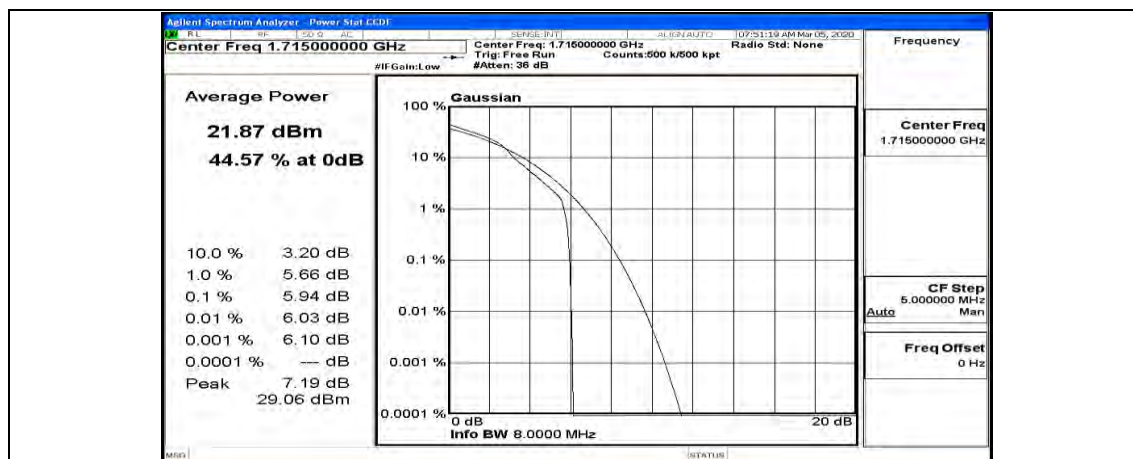


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

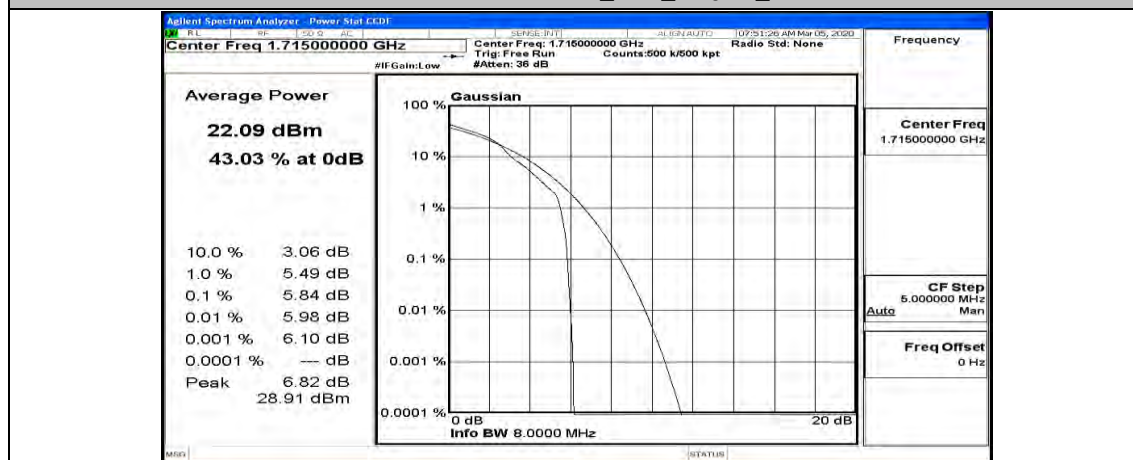


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

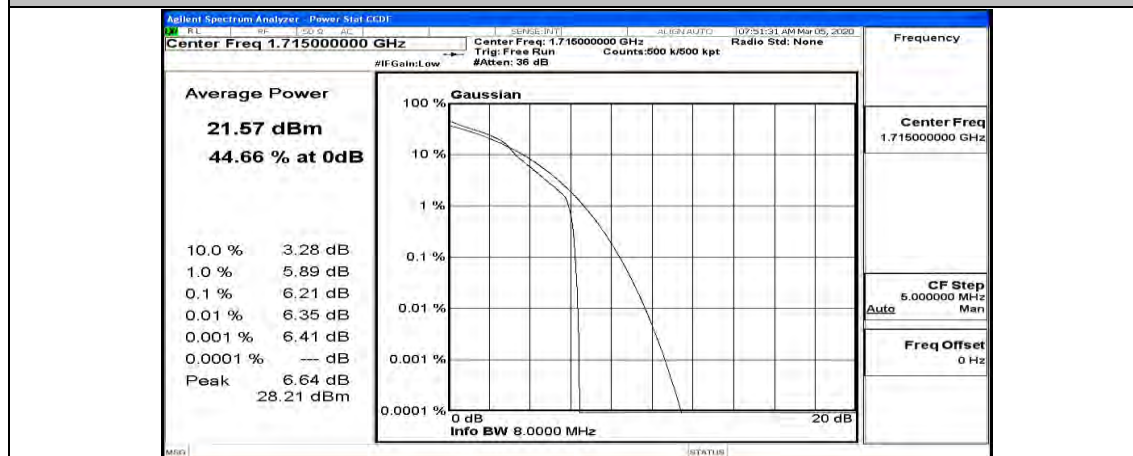




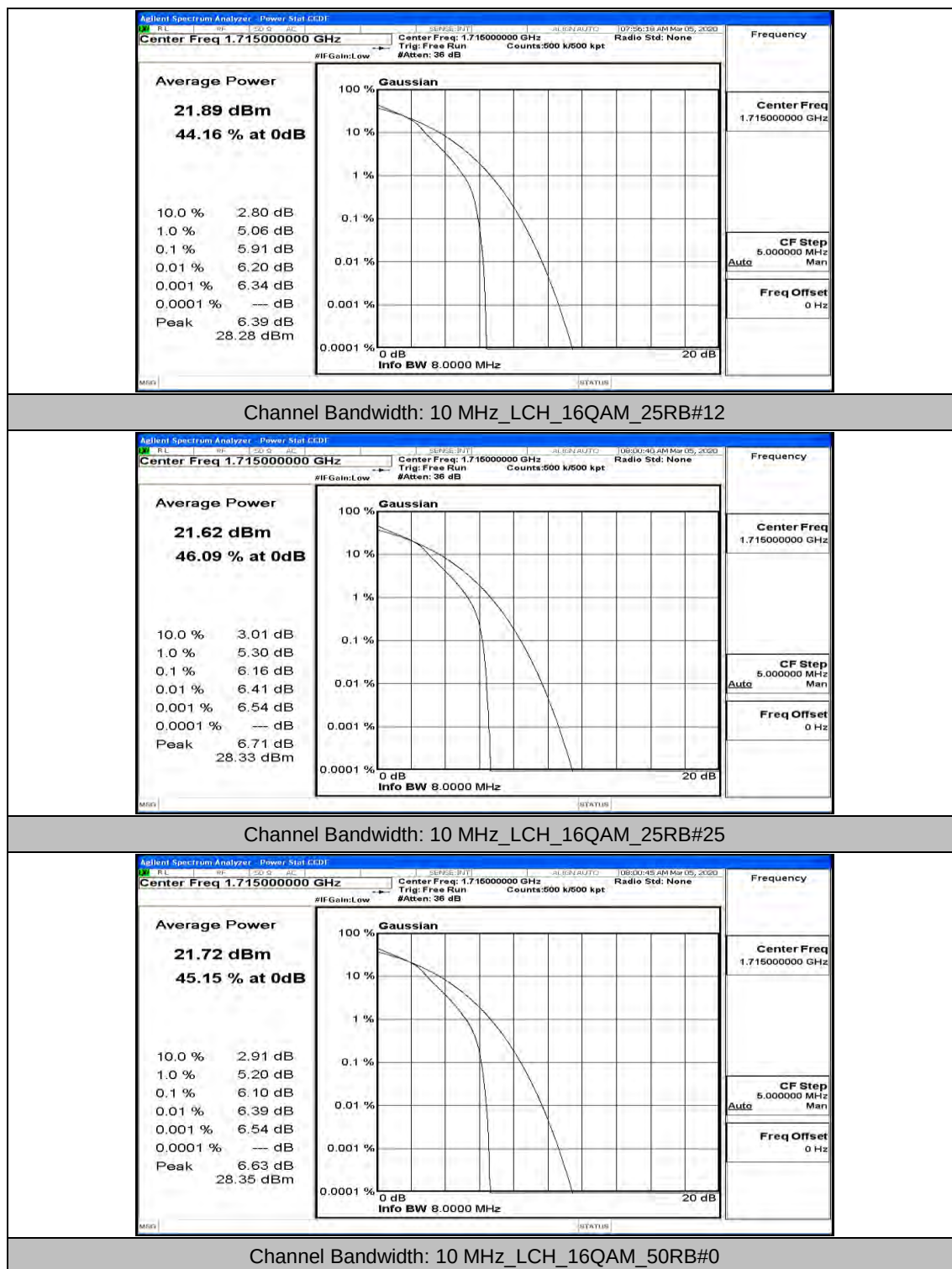
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

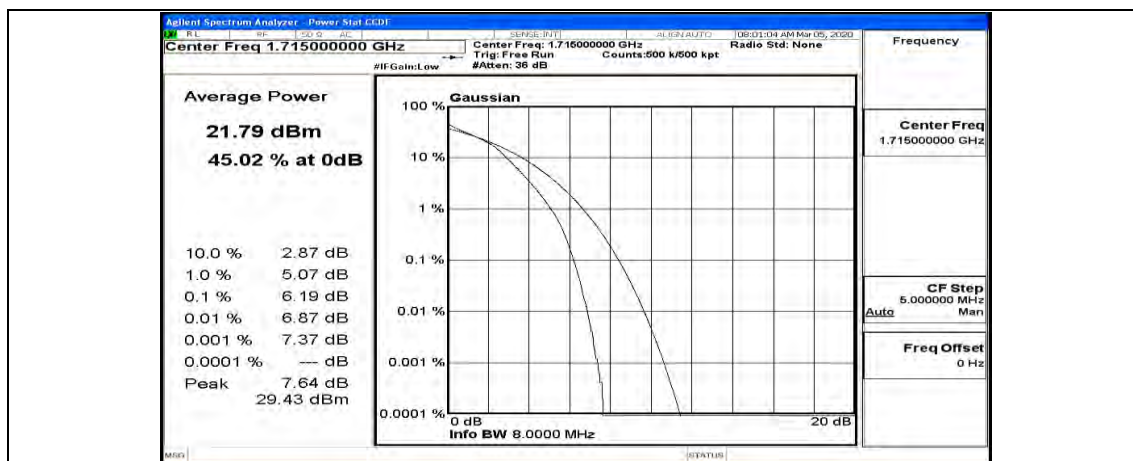


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

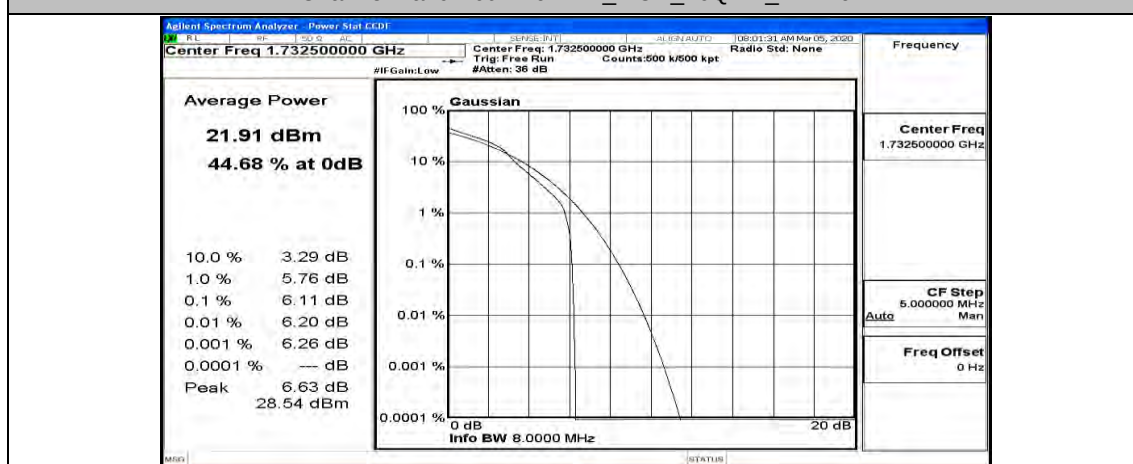


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

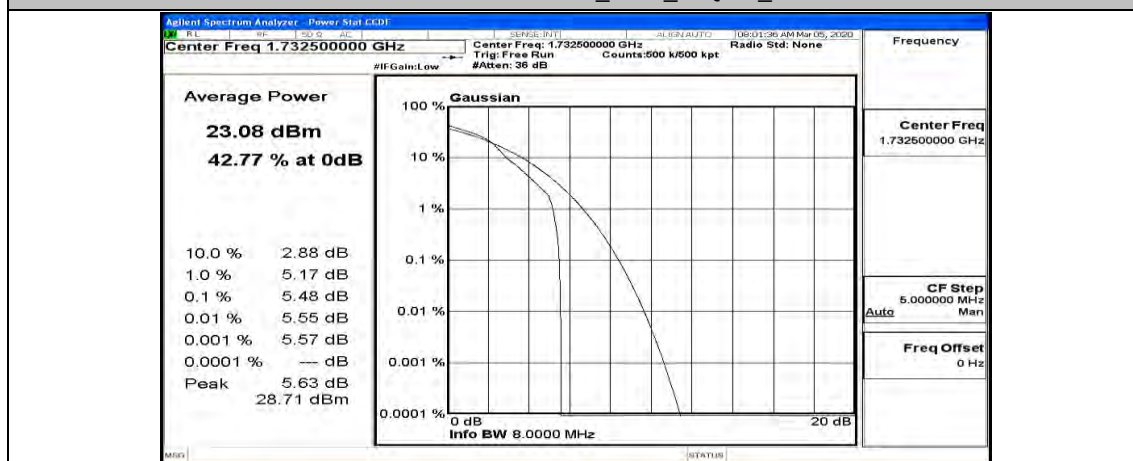




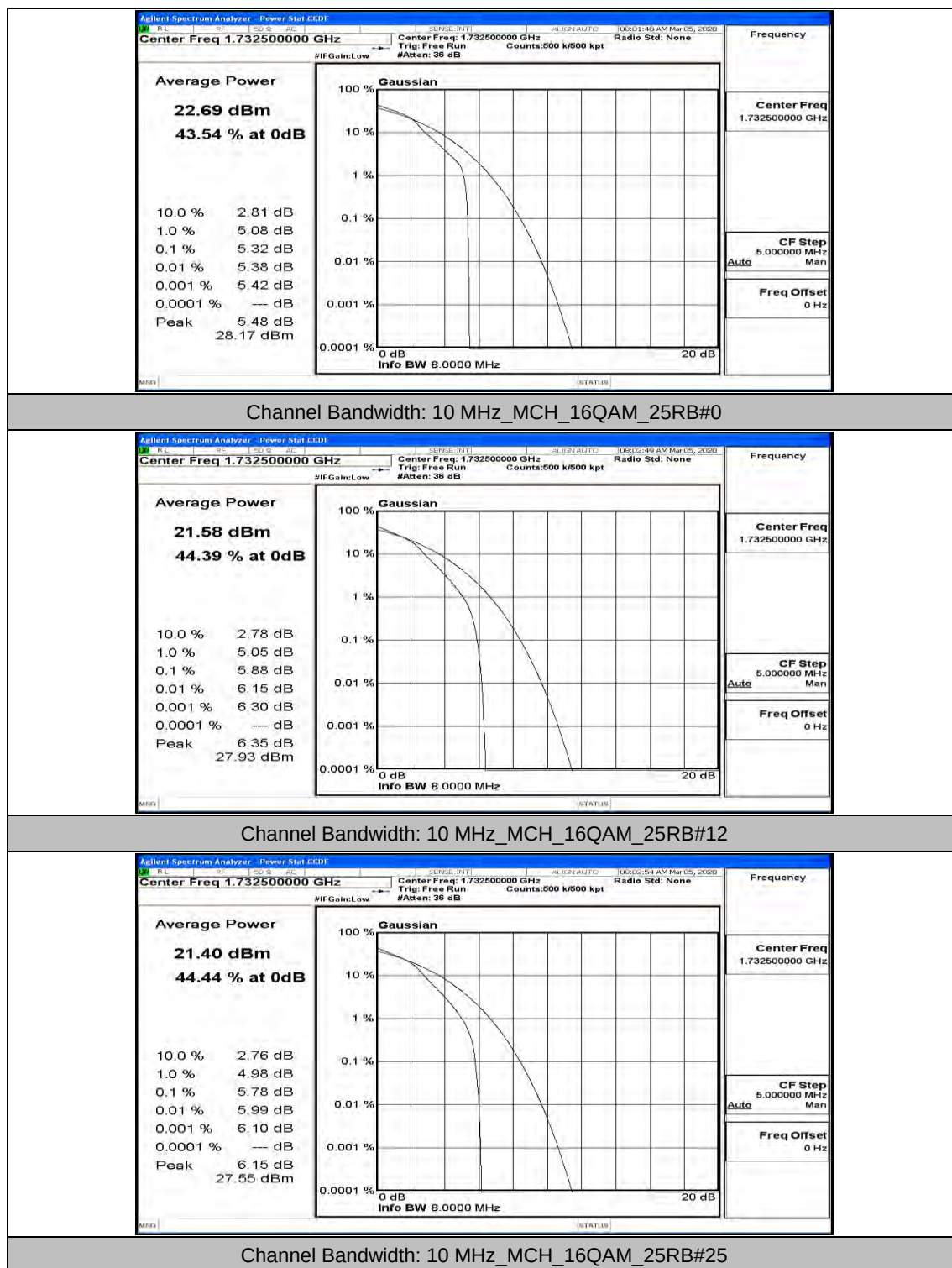
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

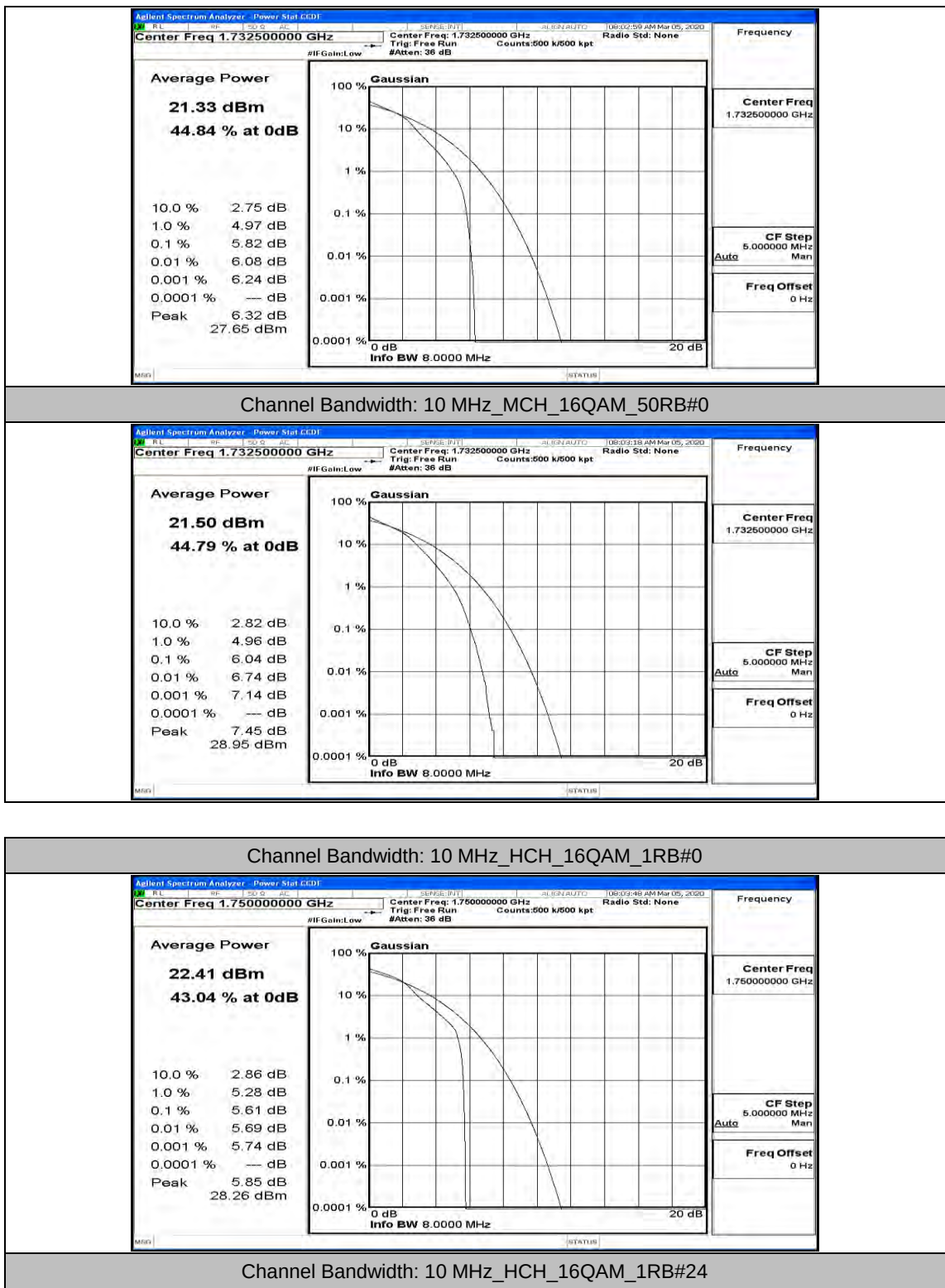


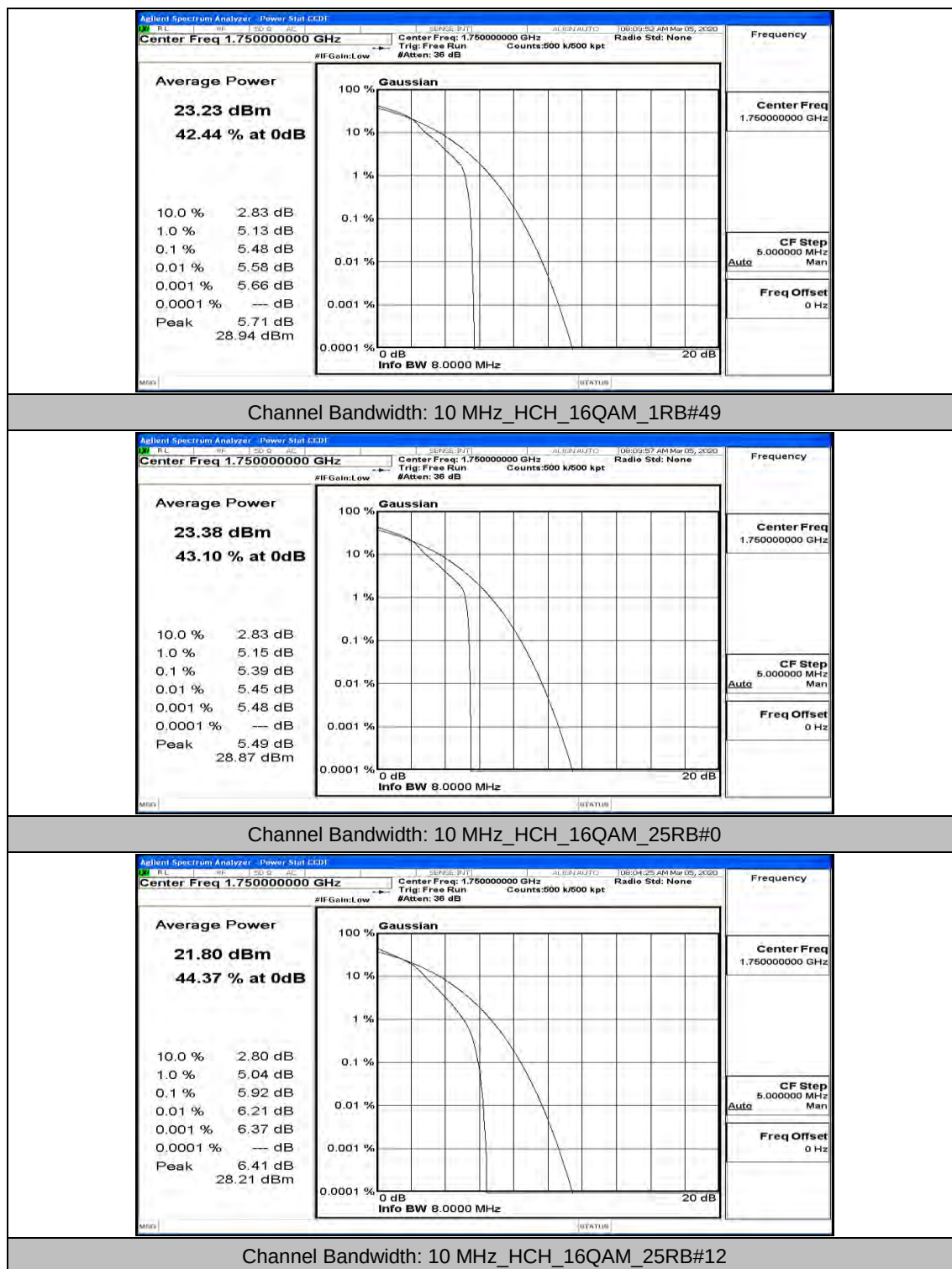
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

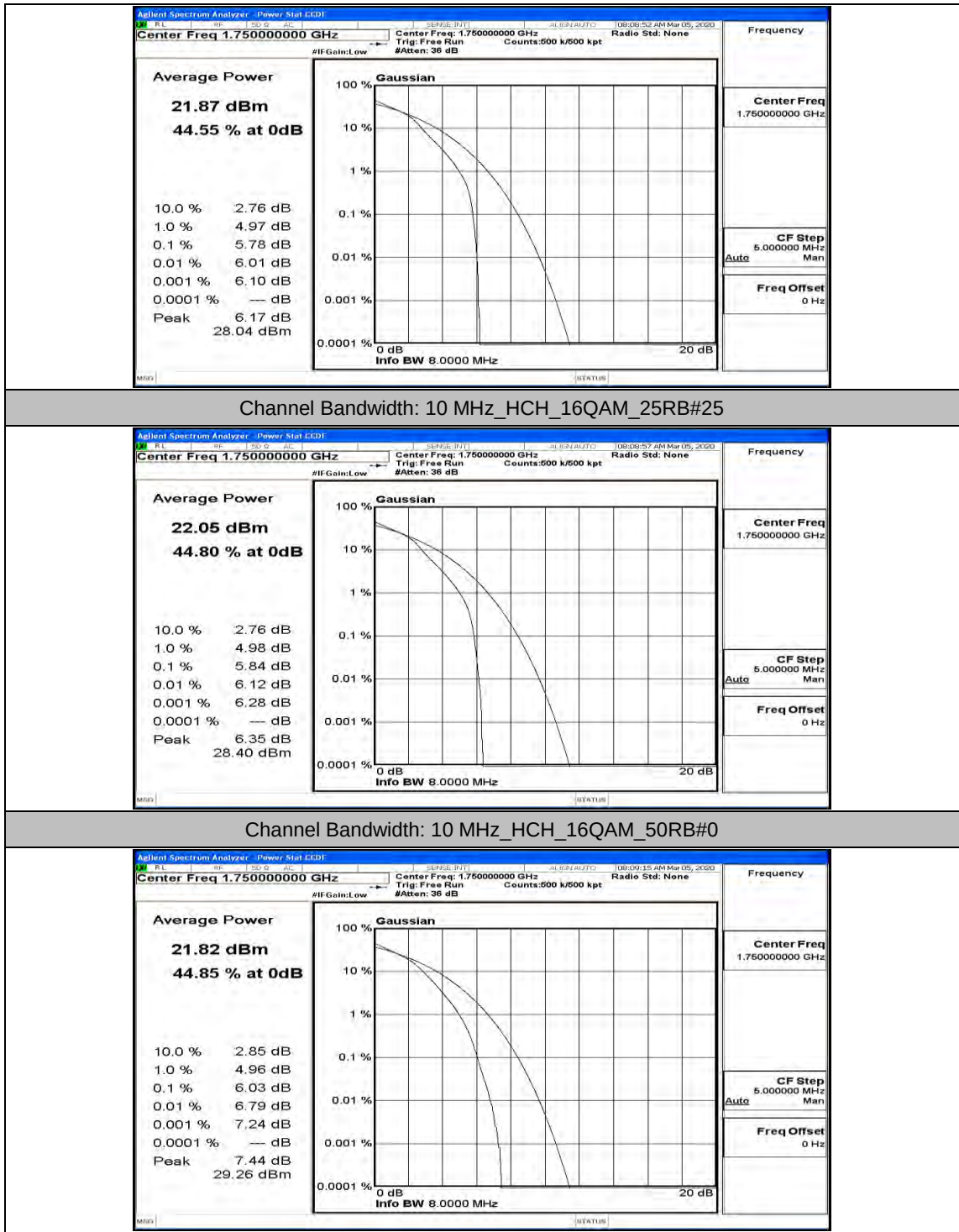


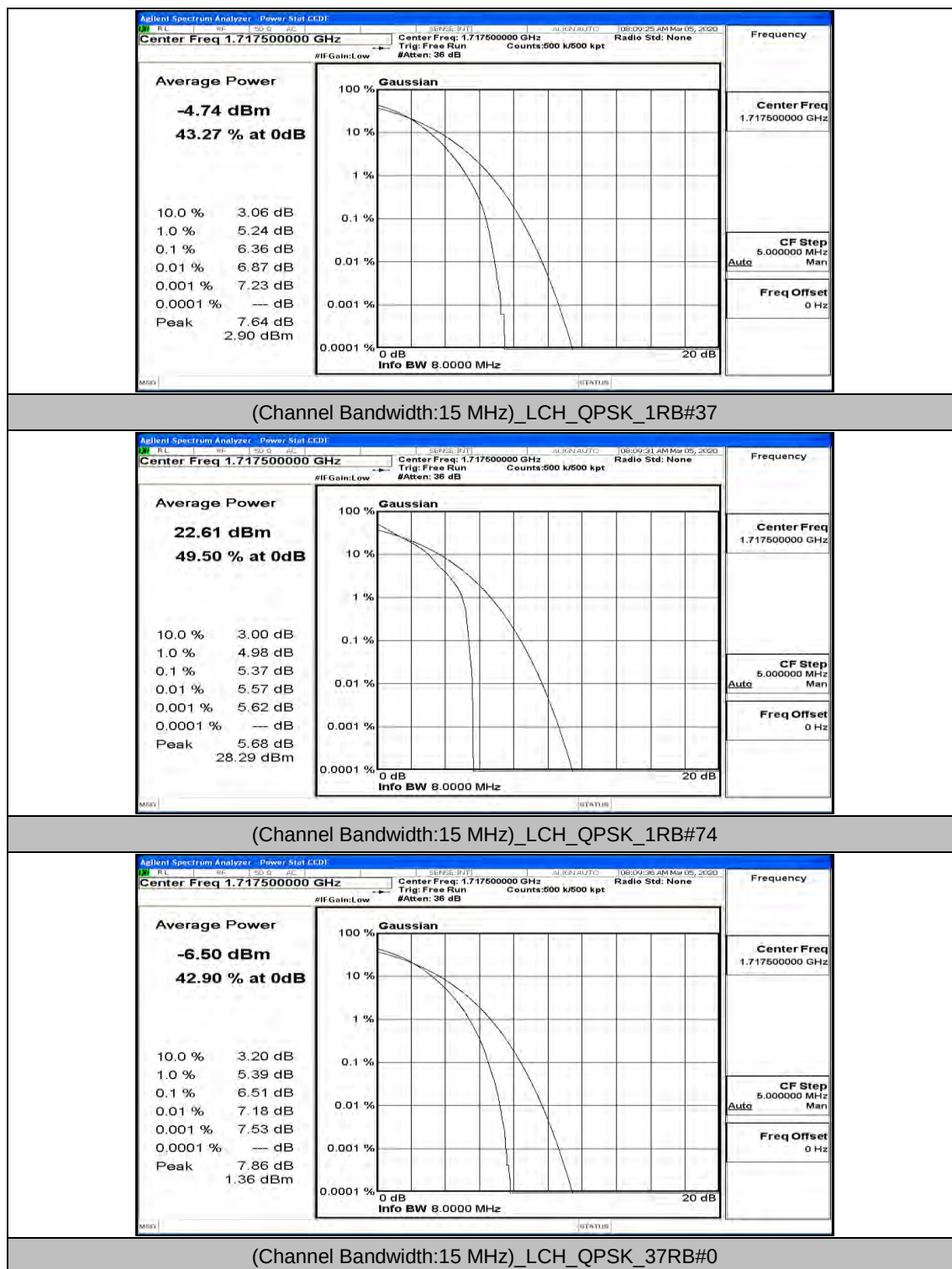
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

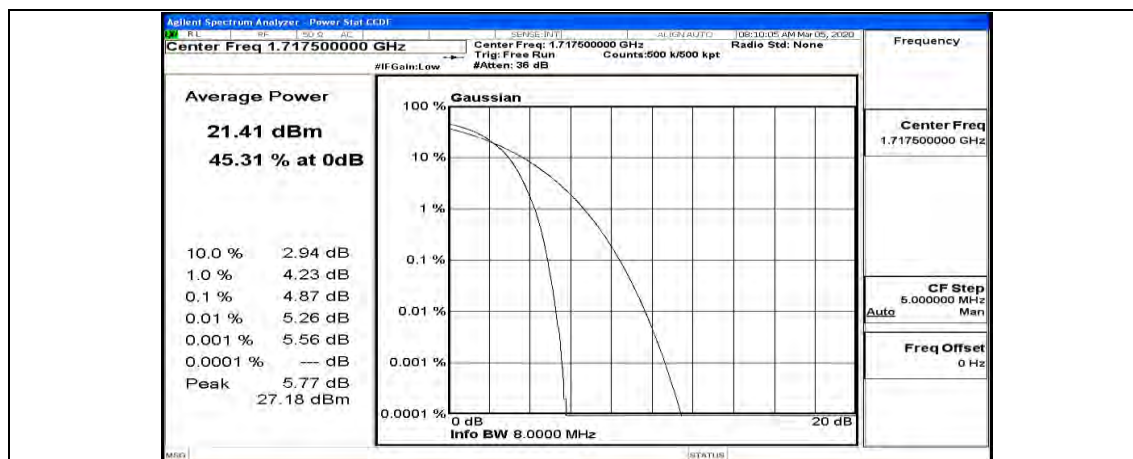




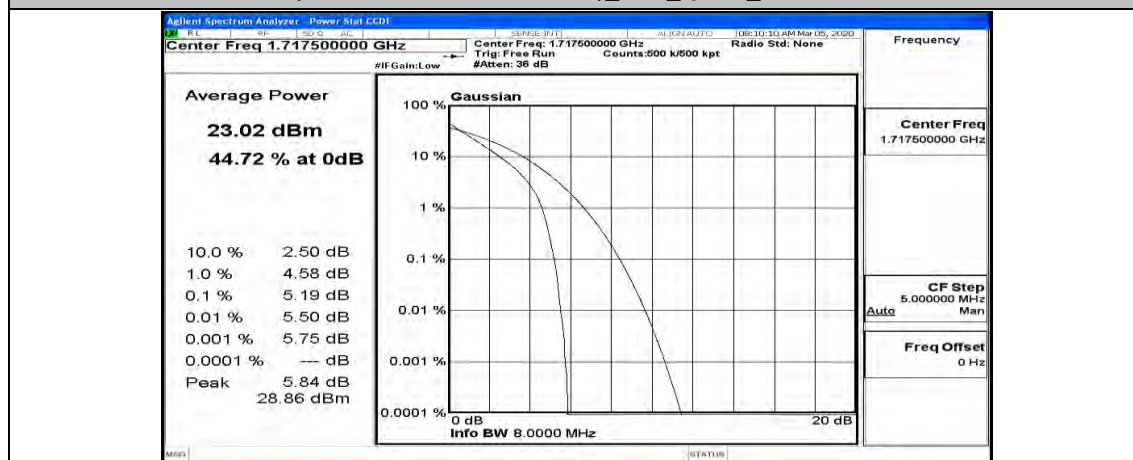




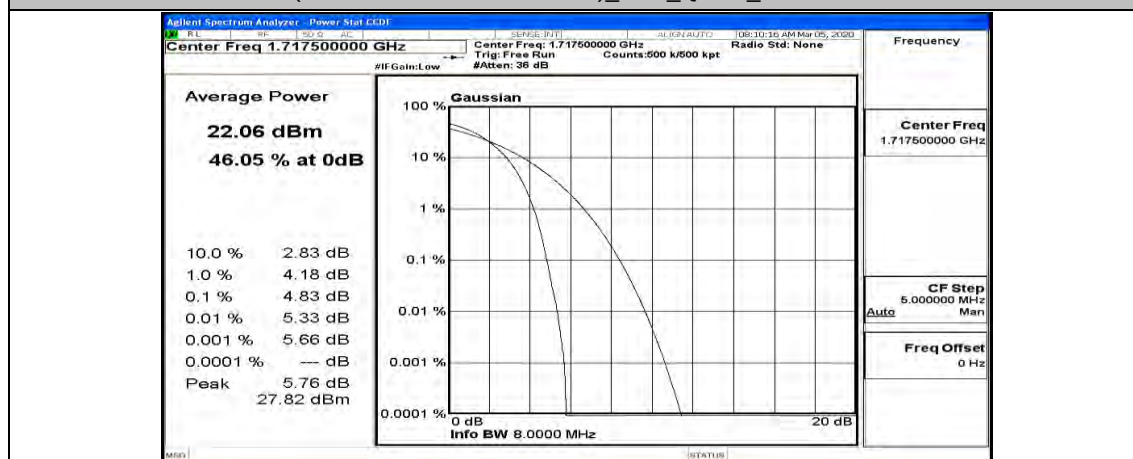




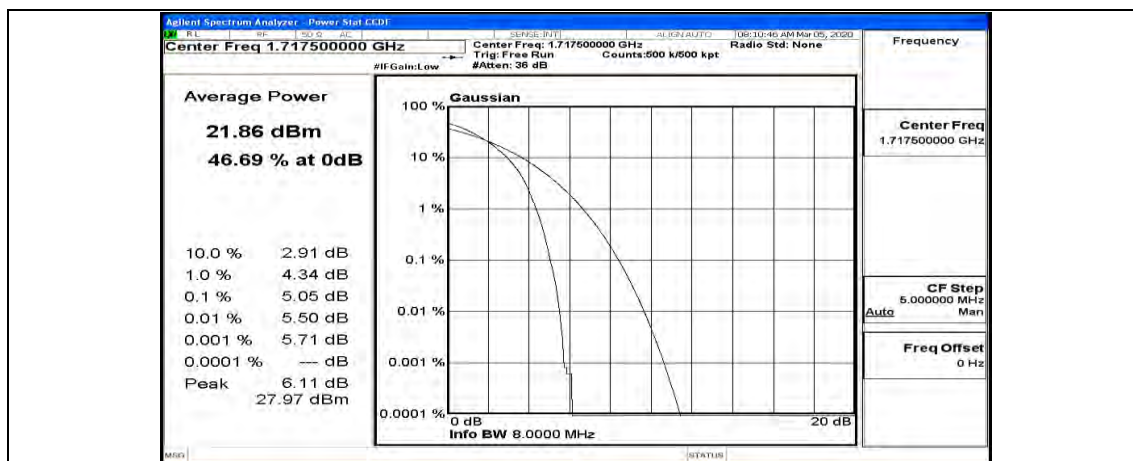
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



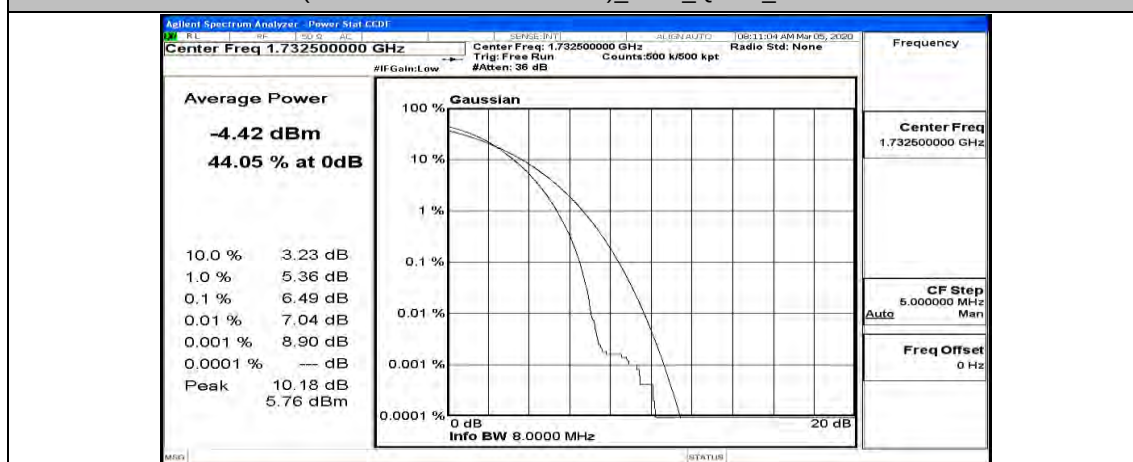
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



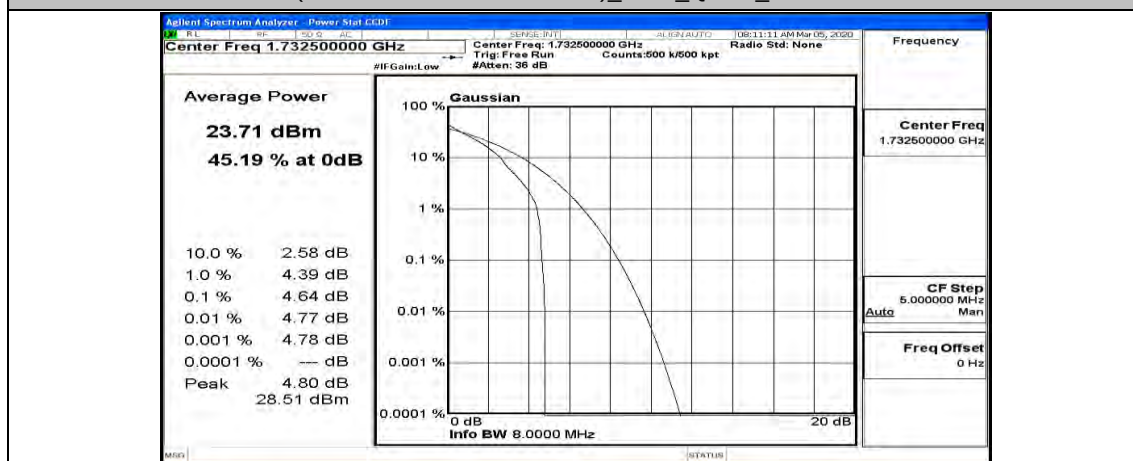
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



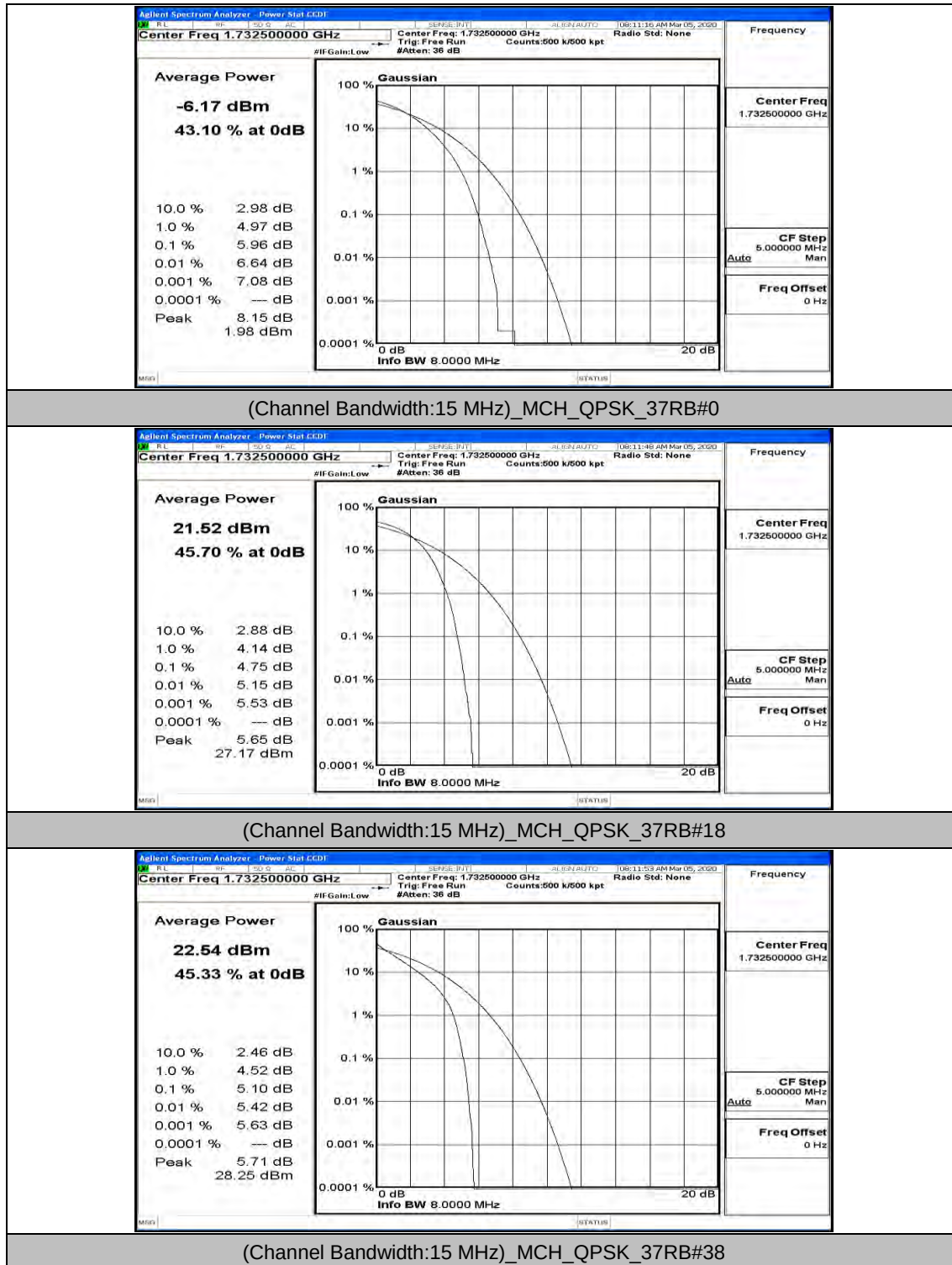
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

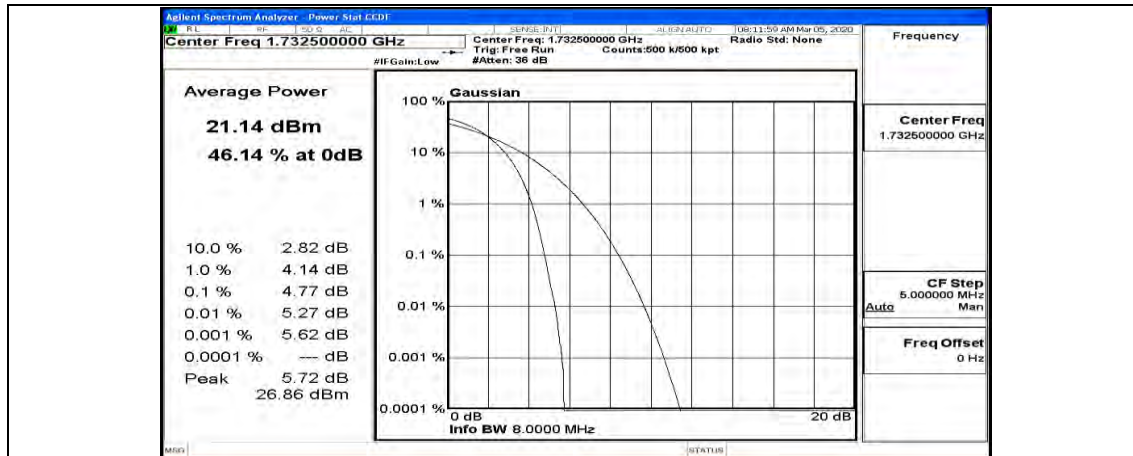


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

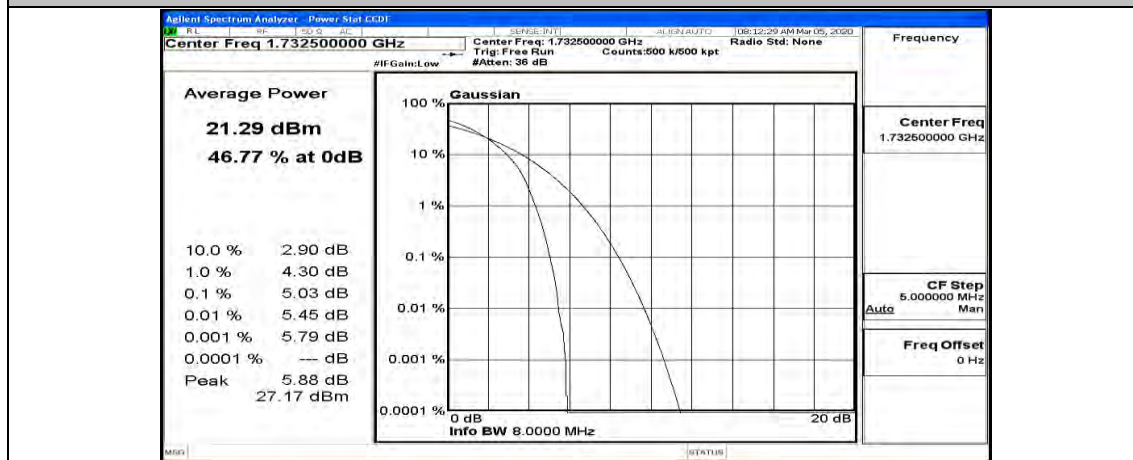


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

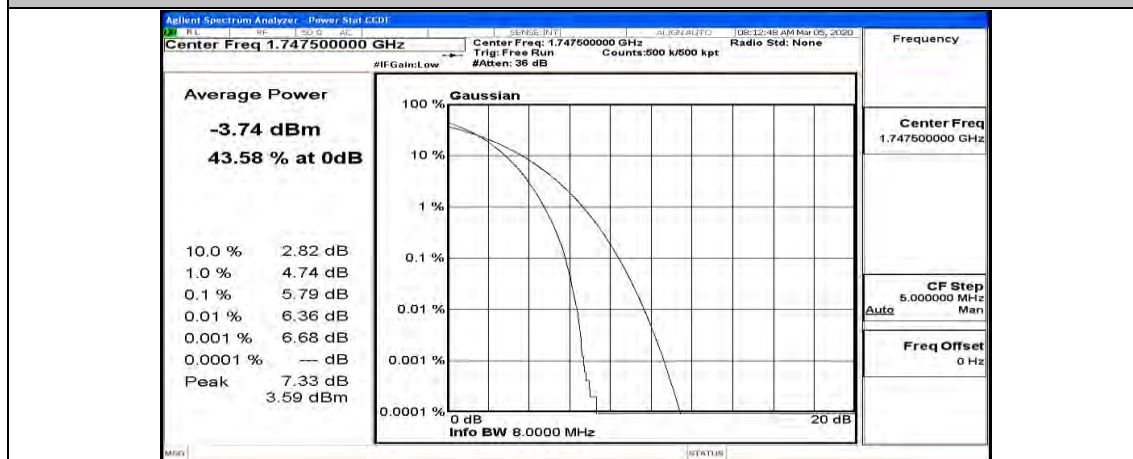




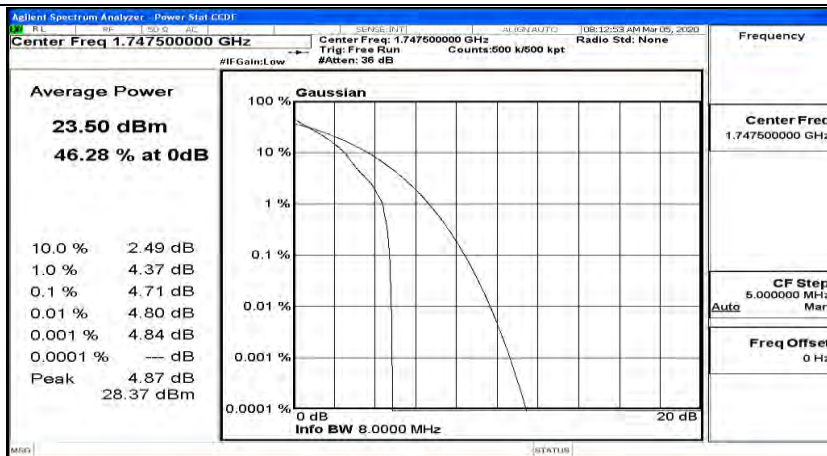
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



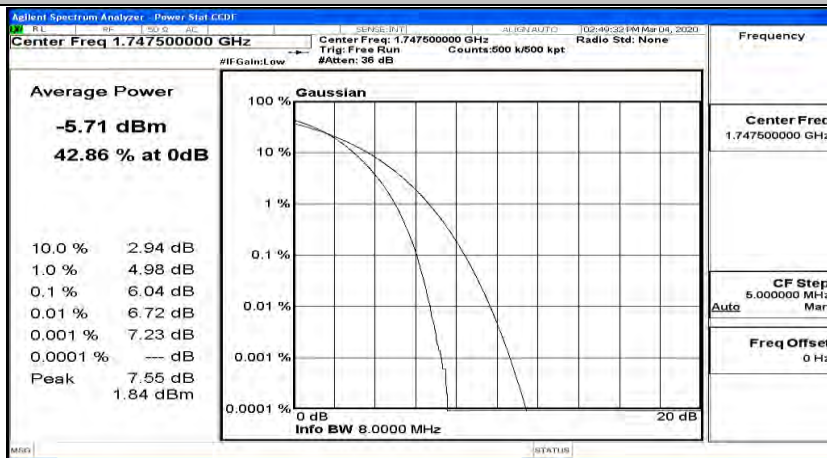
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



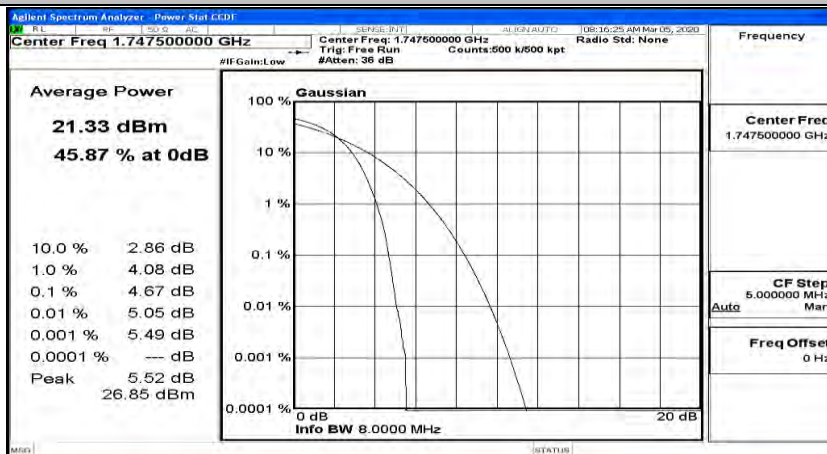
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18