

Appendix for Band 12

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.10	PASS
		1	3	23.16	PASS
		1	5	23.08	PASS
		3	0	23.20	PASS
		3	2	23.21	PASS
		3	3	23.20	PASS
		6	0	22.12	PASS
	MCH	1	0	23.02	PASS
		1	3	23.11	PASS
		1	5	23.03	PASS
		3	0	23.15	PASS
		3	2	23.08	PASS
		3	3	23.11	PASS
		6	0	22.03	PASS
	HCH	1	0	22.92	PASS
		1	3	23.08	PASS
		1	5	22.89	PASS
		3	0	23.05	PASS
		3	2	23.06	PASS
		3	3	23.04	PASS
		6	0	21.99	PASS
16QAM	LCH	1	0	22.35	PASS
		1	3	22.48	PASS
		1	5	22.30	PASS
		3	0	22.34	PASS
		3	2	22.36	PASS
		3	3	22.33	PASS
		6	0	21.08	PASS
	MCH	1	0	22.37	PASS
		1	3	22.52	PASS
		1	5	22.40	PASS
		3	0	22.14	PASS

		3	2	22.18	PASS
		3	3	22.22	PASS
		6	0	20.96	PASS
	HCH	1	0	22.13	PASS
		1	3	22.32	PASS
		1	5	22.11	PASS
		3	0	22.12	PASS
		3	2	22.12	PASS
		3	3	22.10	PASS
		6	0	21.09	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.06	PASS
		1	7	23.25	PASS
		1	14	23.09	PASS
		8	0	22.08	PASS
		8	4	22.13	PASS
		8	7	22.09	PASS
		15	0	22.07	PASS
	MCH	1	0	23.04	PASS
		1	7	23.53	PASS
		1	14	23.04	PASS
		8	0	22.06	PASS
		8	4	22.11	PASS
		8	7	22.06	PASS
		15	0	21.97	PASS
	HCH	1	0	22.98	PASS
		1	7	23.19	PASS
		1	14	22.91	PASS
		8	0	21.93	PASS
		8	4	21.99	PASS
		8	7	21.97	PASS
		15	0	21.91	PASS
16QAM	LCH	1	0	22.34	PASS
		1	7	22.64	PASS
		1	14	22.39	PASS
		8	0	21.16	PASS
		8	4	21.25	PASS
		8	7	21.16	PASS
		15	0	21.09	PASS

	MCH	1	0	22.41	PASS
		1	7	22.71	PASS
		1	14	22.41	PASS
		8	0	21.02	PASS
		8	4	21.05	PASS
		8	7	21.01	PASS
		15	0	21.00	PASS
	HCH	1	0	22.26	PASS
		1	7	22.45	PASS
		1	14	22.11	PASS
		8	0	20.88	PASS
		8	4	20.93	PASS
		8	7	20.89	PASS
		15	0	20.90	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.07	PASS
		1	12	23.41	PASS
		1	24	23.06	PASS
		12	0	22.03	PASS
		12	6	22.14	PASS
		12	13	22.11	PASS
		25	0	22.16	PASS
	MCH	1	0	23.03	PASS
		1	12	23.26	PASS
		1	24	22.97	PASS
		12	0	22.11	PASS
		12	6	22.09	PASS
		12	13	21.92	PASS
		25	0	22.06	PASS
	HCH	1	0	22.95	PASS
		1	12	23.26	PASS
		1	24	22.90	PASS
		12	0	21.92	PASS
		12	6	21.98	PASS
		12	13	21.95	PASS
		25	0	21.97	PASS
16QAM	LCH	1	0	22.35	PASS
		1	12	22.68	PASS
		1	24	22.30	PASS

		12	0	21.16	PASS
		12	6	21.25	PASS
		12	13	21.19	PASS
		25	0	21.15	PASS
	MCH	1	0	22.28	PASS
		1	12	22.60	PASS
		1	24	22.20	PASS
		12	0	21.20	PASS
		12	6	21.27	PASS
		12	13	21.08	PASS
		25	0	21.07	PASS
	HCH	1	0	22.17	PASS
		1	12	22.39	PASS
		1	24	22.05	PASS
		12	0	20.94	PASS
		12	6	21.00	PASS
		12	13	20.96	PASS
		25	0	21.02	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.54	PASS
		1	24	23.21	PASS
		1	49	23.00	PASS
		25	0	22.08	PASS
		25	12	22.08	PASS
		25	25	22.07	PASS
		50	0	22.05	PASS
	MCH	1	0	23.05	PASS
		1	24	23.14	PASS
		1	49	22.91	PASS
		25	0	22.10	PASS
		25	12	22.05	PASS
		25	25	21.96	PASS
		50	0	22.06	PASS
	HCH	1	0	23.04	PASS
		1	24	23.18	PASS
		1	49	22.92	PASS
		25	0	22.23	PASS
		25	12	22.03	PASS
		25	25	22.07	PASS

		50	0	22.13	PASS
16QAM	LCH	1	0	22.33	PASS
		1	24	22.49	PASS
		1	49	22.29	PASS
		25	0	21.06	PASS
		25	12	21.06	PASS
		25	25	21.05	PASS
		50	0	21.05	PASS
	MCH	1	0	22.49	PASS
		1	24	22.56	PASS
		1	49	22.34	PASS
		25	0	21.15	PASS
		25	12	21.13	PASS
		25	25	21.09	PASS
		50	0	21.12	PASS
	HCH	1	0	22.34	PASS
		1	24	22.47	PASS
		1	49	22.16	PASS
		25	0	21.22	PASS
		25	12	21.06	PASS
		25	25	21.08	PASS
		50	0	21.20	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	4.49	<13	PASS
		1	3	4.53	<13	PASS
		1	5	4.7	<13	PASS
		3	0	4.57	<13	PASS
		3	2	4.68	<13	PASS
		3	3	4.72	<13	PASS
		6	0	5.23	<13	PASS
	MCH	1	0	4.72	<13	PASS
		1	3	4.7	<13	PASS
		1	5	4.78	<13	PASS
		3	0	4.73	<13	PASS
		3	2	4.69	<13	PASS
		3	3	4.73	<13	PASS
		6	0	5.41	<13	PASS
	HCH	1	0	4.35	<13	PASS
		1	3	3.88	<13	PASS
		1	5	3.86	<13	PASS
		3	0	4.3	<13	PASS
		3	2	4.13	<13	PASS
		3	3	4.04	<13	PASS
		6	0	4.98	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	3	5.64	<13	PASS
		1	5	5.62	<13	PASS
		3	0	5.33	<13	PASS
		3	2	5.47	<13	PASS
		3	3	5.56	<13	PASS
		6	0	6.15	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	3	5.59	<13	PASS
		1	5	5.64	<13	PASS
		3	0	5.81	<13	PASS
		3	2	5.7	<13	PASS

		3	3	5.74	<13	PASS
		6	0	6.39	<13	PASS
	HCH	1	0	5.5	<13	PASS
		1	3	5.01	<13	PASS
		1	5	5.07	<13	PASS
		3	0	5.29	<13	PASS
		3	2	5.13	<13	PASS
		3	3	5.09	<13	PASS
		6	0	5.91	<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	4.49	<13	PASS
		1	7	4.79	<13	PASS
		1	14	4.83	<13	PASS
		8	0	5.33	<13	PASS
		8	4	5.48	<13	PASS
		8	7	5.51	<13	PASS
		15	0	5.37	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	7	4.49	<13	PASS
		1	14	4.62	<13	PASS
		8	0	5.41	<13	PASS
		8	4	5.37	<13	PASS
		8	7	5.5	<13	PASS
		15	0	5.4	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	7	4.56	<13	PASS
		1	14	4.01	<13	PASS
		8	0	5.46	<13	PASS
		8	4	5.23	<13	PASS
		8	7	5.08	<13	PASS
		15	0	5.25	<13	PASS
16QAM	LCH	1	0	5.39	<13	PASS
		1	7	5.64	<13	PASS
		1	14	5.63	<13	PASS
		8	0	6.17	<13	PASS
		8	4	6.22	<13	PASS
		8	7	6.36	<13	PASS

	MCH	15	0	6.4	<13	PASS
		1	0	5.43	<13	PASS
		1	7	5.46	<13	PASS
		1	14	5.52	<13	PASS
		8	0	6.19	<13	PASS
		8	4	6.12	<13	PASS
		8	7	6.17	<13	PASS
		15	0	6.25	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	7	5.46	<13	PASS
		1	14	4.92	<13	PASS
		8	0	6.49	<13	PASS
		8	4	6.31	<13	PASS
		8	7	6.11	<13	PASS
		15	0	6.15	<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	4.67	<13	PASS
		1	12	4.81	<13	PASS
		1	24	4.96	<13	PASS
		12	0	5.45	<13	PASS
		12	6	5.47	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.48	<13	PASS
	MCH	1	0	4.79	<13	PASS
		1	12	4.69	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.28	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.4	<13	PASS
		25	0	5.42	<13	PASS
	HCH	1	0	4.93	<13	PASS
		1	12	4.6	<13	PASS
		1	24	4.12	<13	PASS
		12	0	5.61	<13	PASS
		12	6	5.49	<13	PASS
		12	13	5.26	<13	PASS
		25	0	5.53	<13	PASS

16QAM	LCH	1	0	5.33	<13	PASS
		1	12	5.58	<13	PASS
		1	24	5.62	<13	PASS
		12	0	6.41	<13	PASS
		12	6	6.37	<13	PASS
		12	13	6.43	<13	PASS
		25	0	6.24	<13	PASS
	MCH	1	0	5.57	<13	PASS
		1	12	5.48	<13	PASS
		1	24	5.93	<13	PASS
		12	0	6.19	<13	PASS
		12	6	6.22	<13	PASS
		12	13	6.34	<13	PASS
		25	0	6.34	<13	PASS
	HCH	1	0	5.96	<13	PASS
		1	12	5.62	<13	PASS
		1	24	5.09	<13	PASS
		12	0	6.61	<13	PASS
		12	6	6.39	<13	PASS
		12	13	6.16	<13	PASS
		25	0	6.32	<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	4.6	<13	PASS
		1	24	4.7	<13	PASS
		1	49	4.72	<13	PASS
		25	0	5.48	<13	PASS
		25	12	5.45	<13	PASS
		25	25	5.47	<13	PASS
		50	0	5.49	<13	PASS
	MCH	1	0	4.72	<13	PASS
		1	24	4.41	<13	PASS
		1	49	4.76	<13	PASS
		25	0	5.45	<13	PASS
		25	12	5.43	<13	PASS
		25	25	5.57	<13	PASS
		50	0	5.6	<13	PASS
	HCH	1	0	4.67	<13	PASS

		1	24	4.75	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.39	<13	PASS
		25	12	5.48	<13	PASS
		25	25	5.39	<13	PASS
		50	0	5.5	<13	PASS
16QAM	LCH	1	0	5.49	<13	PASS
		1	24	5.58	<13	PASS
		1	49	5.46	<13	PASS
		25	0	6.4	<13	PASS
		25	12	6.35	<13	PASS
		25	25	6.38	<13	PASS
		50	0	6.34	<13	PASS
	MCH	1	0	5.67	<13	PASS
		1	24	5.45	<13	PASS
		1	49	5.72	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.3	<13	PASS
		25	25	6.48	<13	PASS
		50	0	6.39	<13	PASS
	HCH	1	0	5.67	<13	PASS
		1	24	5.76	<13	PASS
		1	49	4.98	<13	PASS
		25	0	6.33	<13	PASS
		25	12	6.5	<13	PASS
		25	25	6.42	<13	PASS
		50	0	6.39	<13	PASS

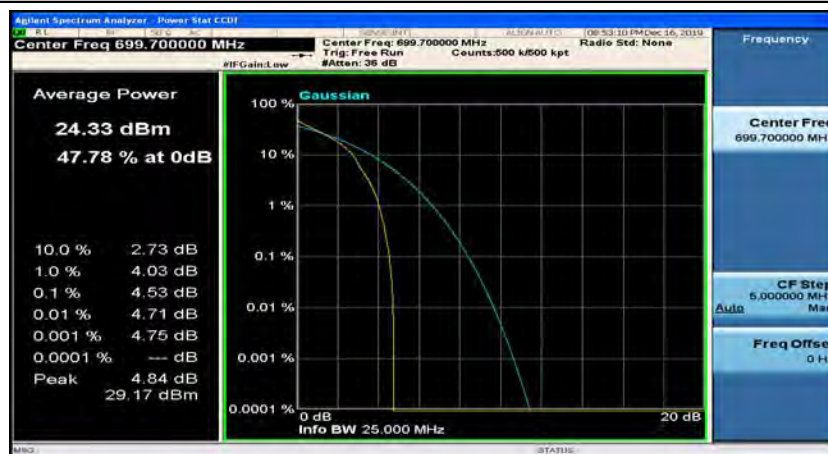
Test Graphs

Channel Bandwidth: 1.4 MHz

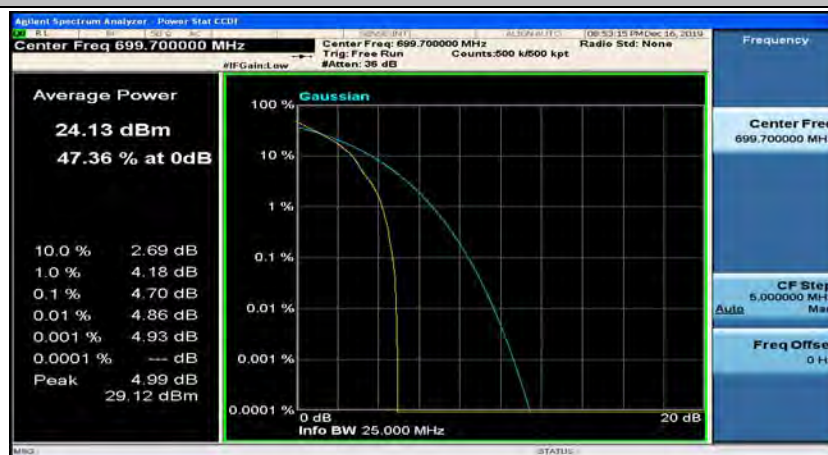
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



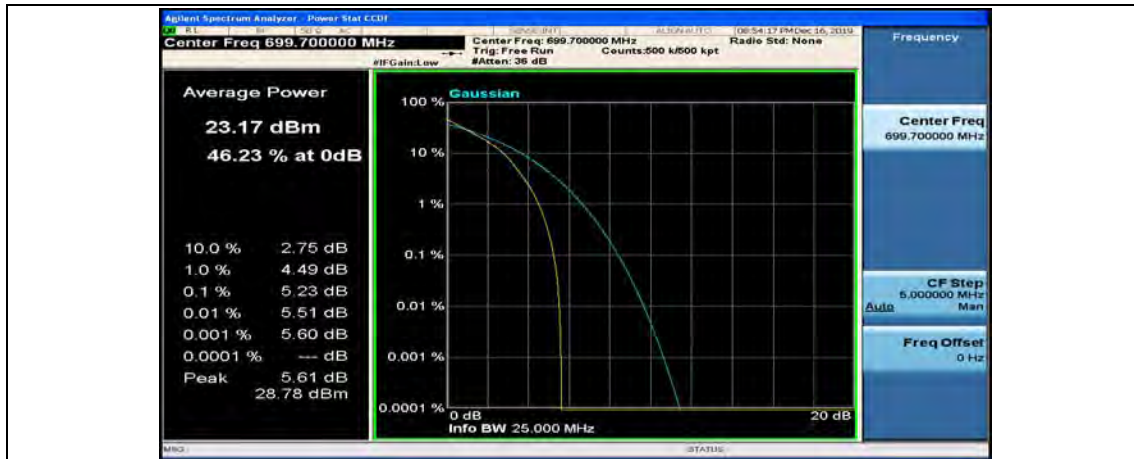
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



(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



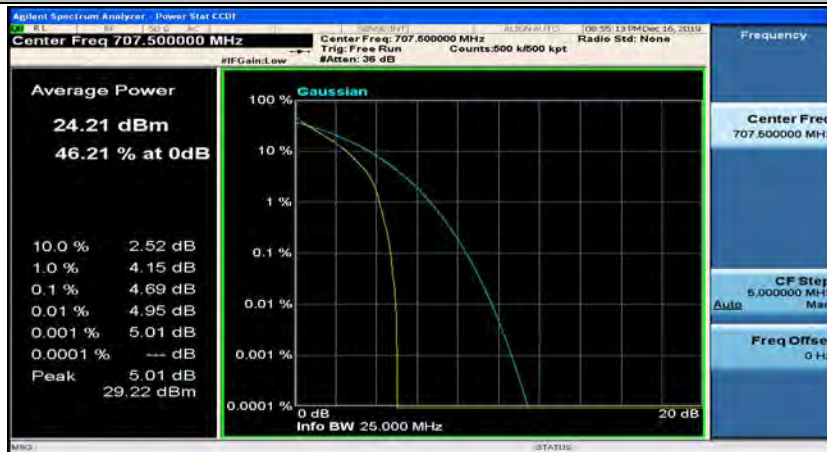
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



(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)_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_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)_HCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



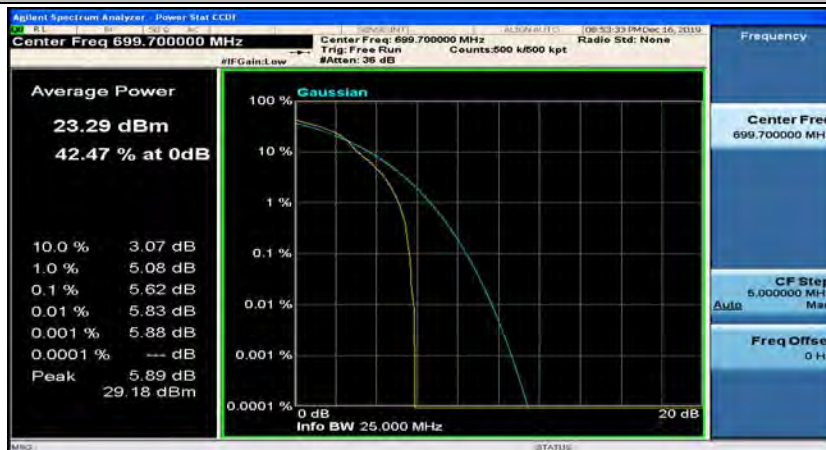
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(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)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



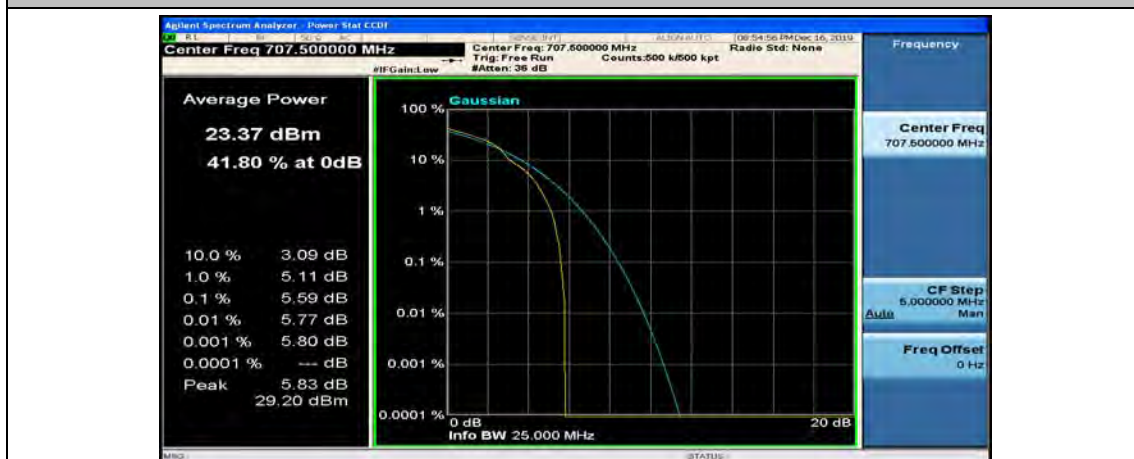
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



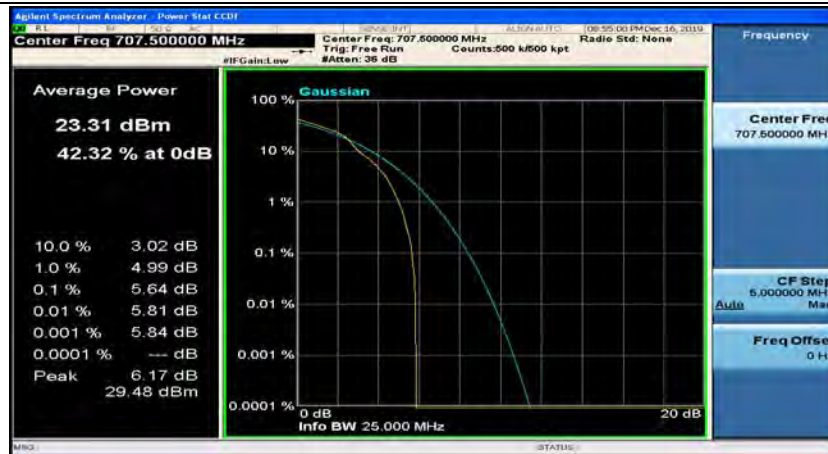
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



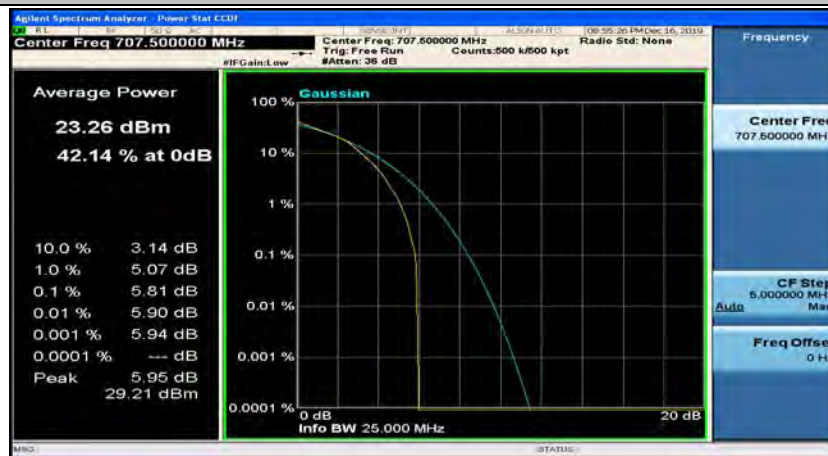
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(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_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



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



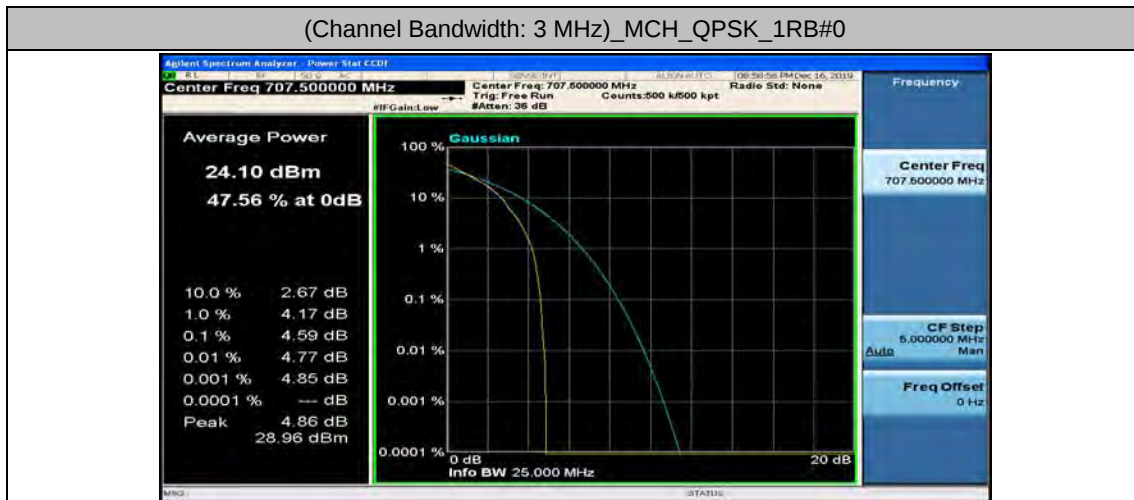
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



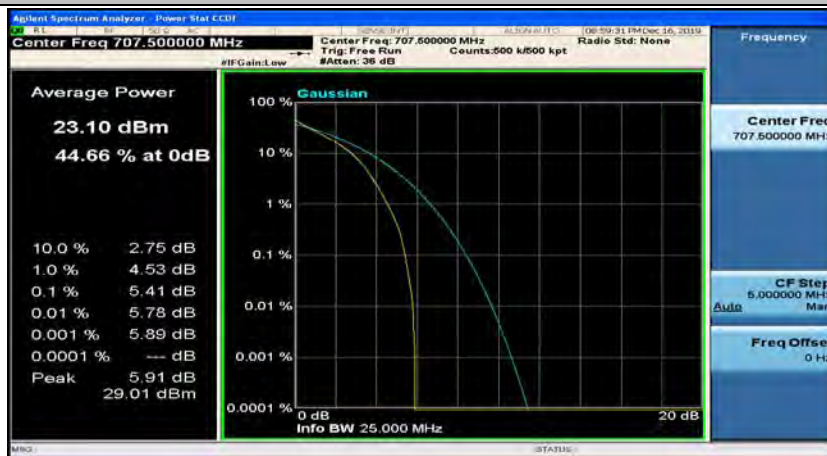
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



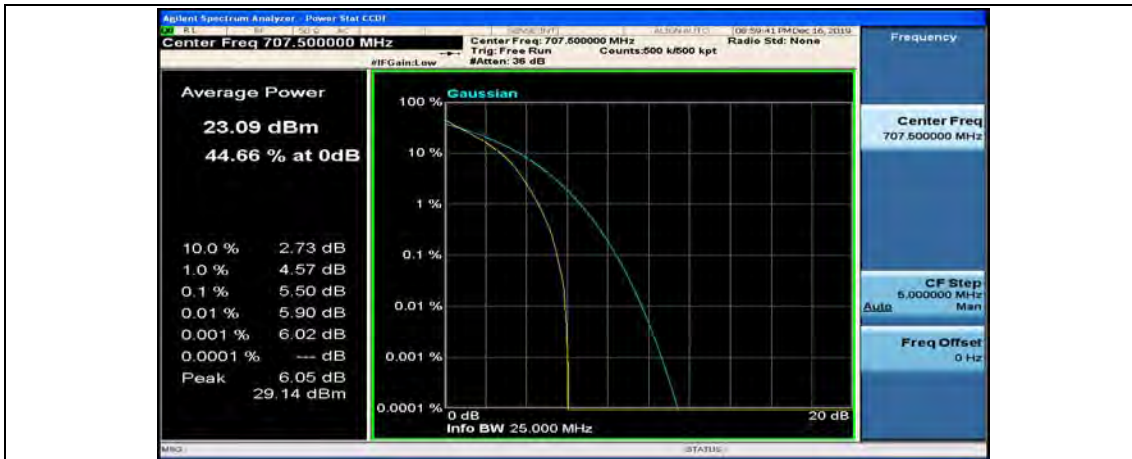
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(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



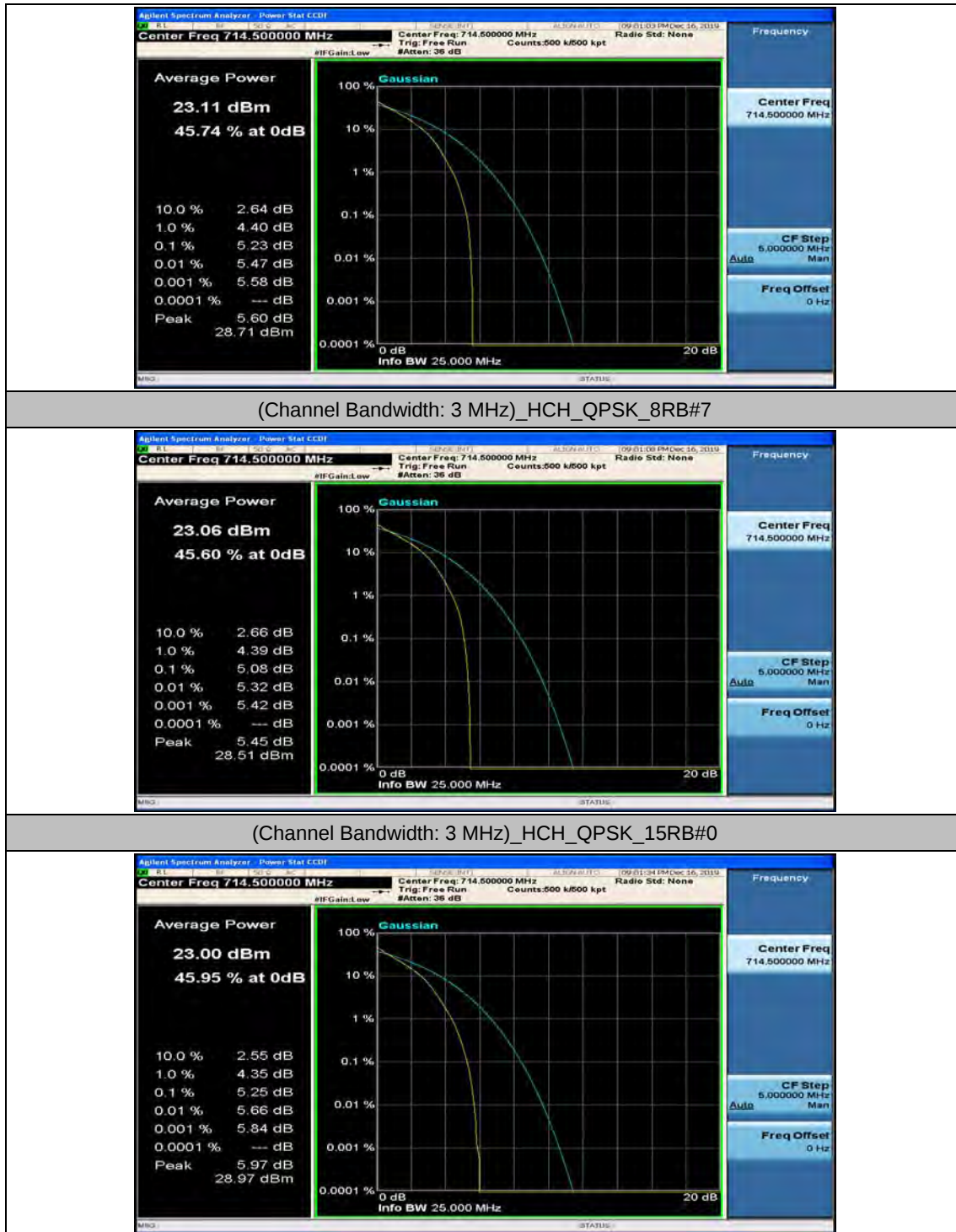
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(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



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(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



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



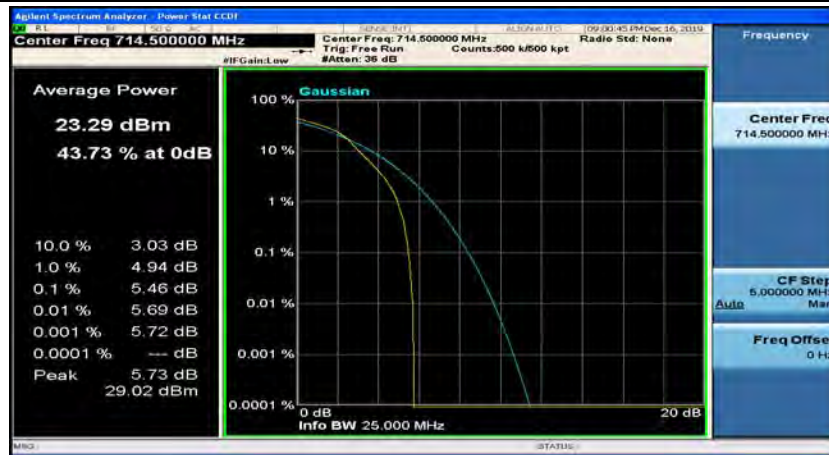
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



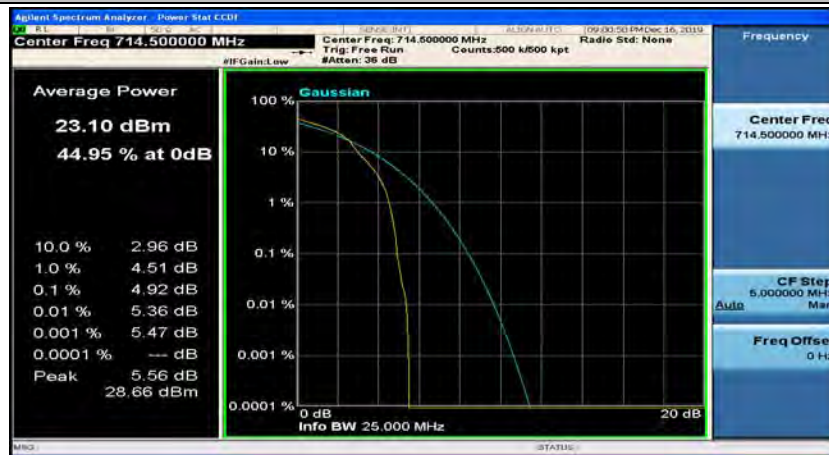
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



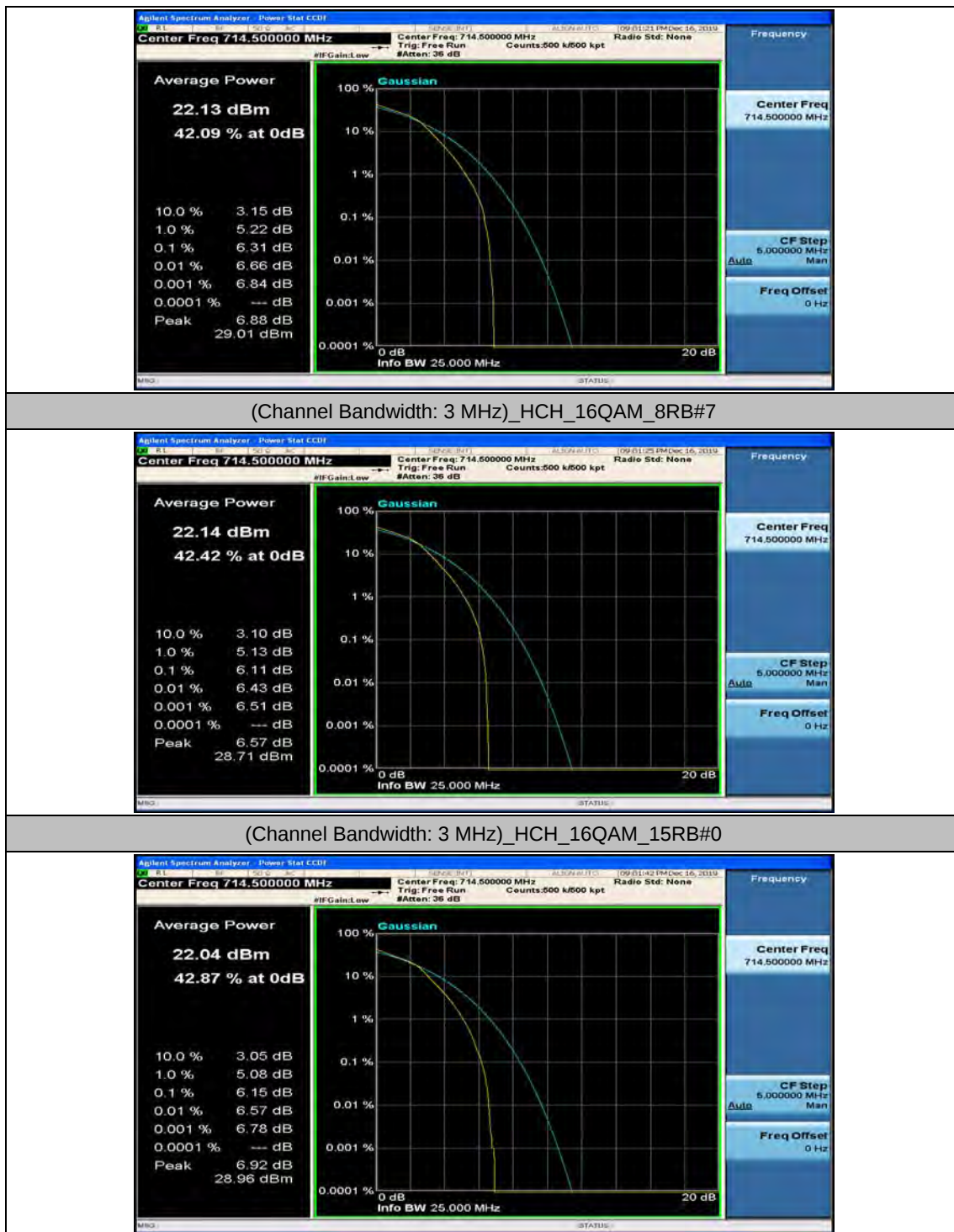
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

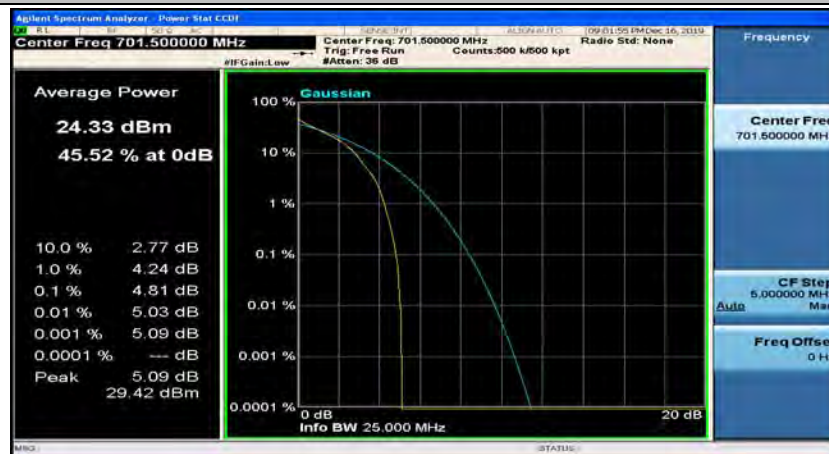


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



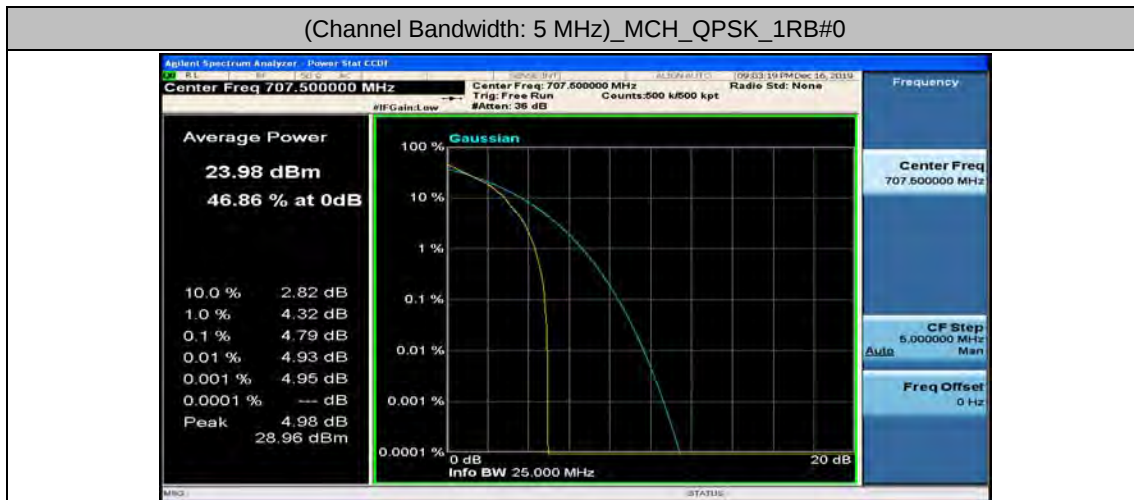
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



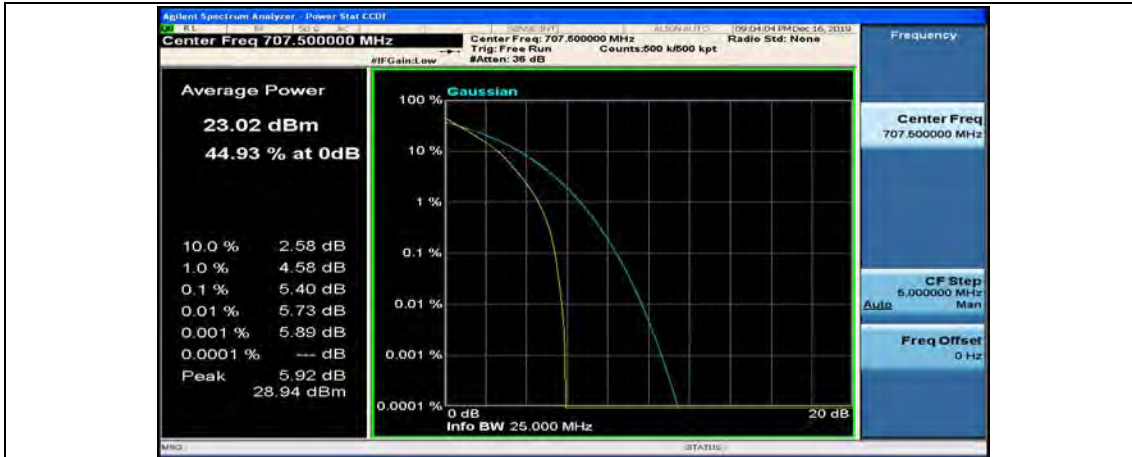
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



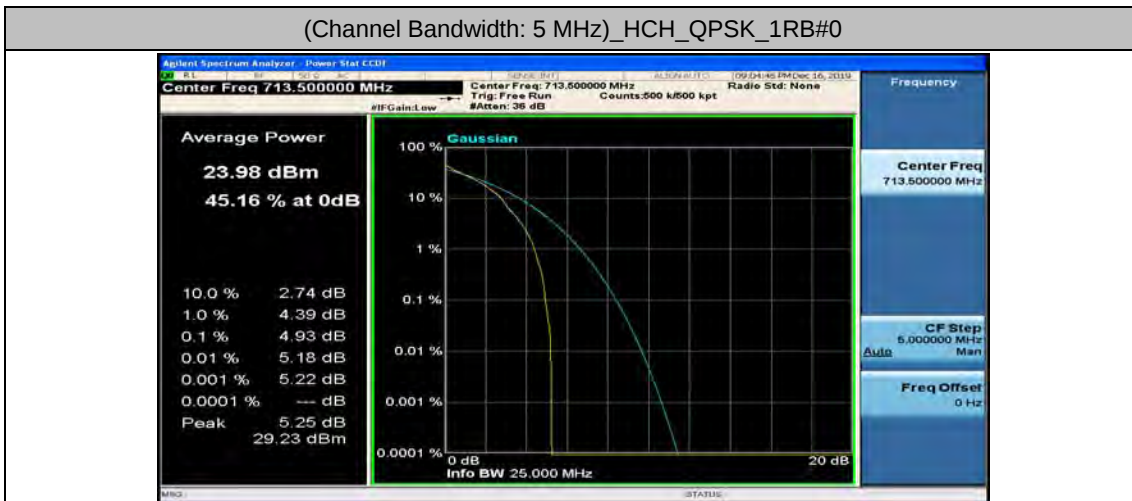
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



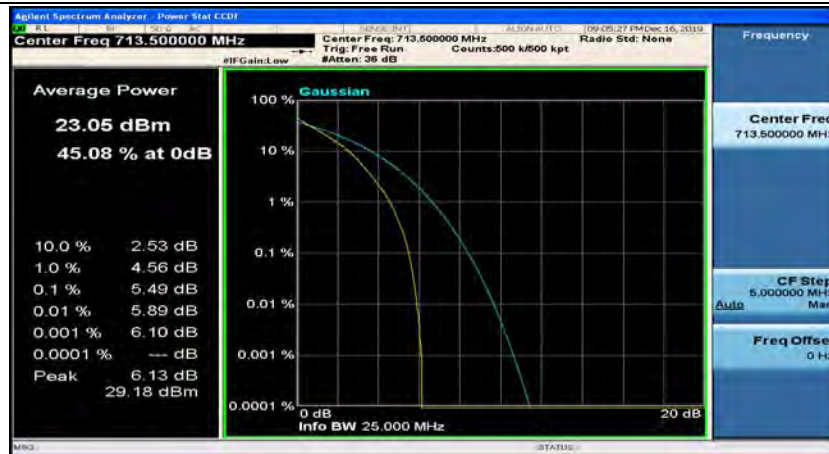
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



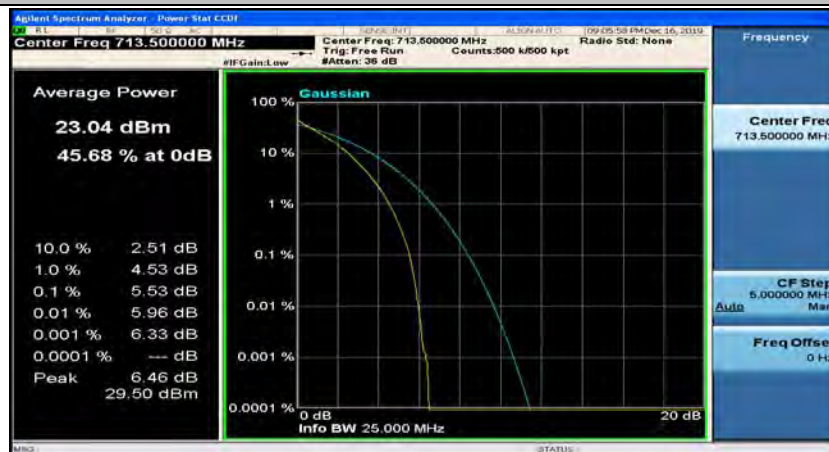
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(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)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#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_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(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: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



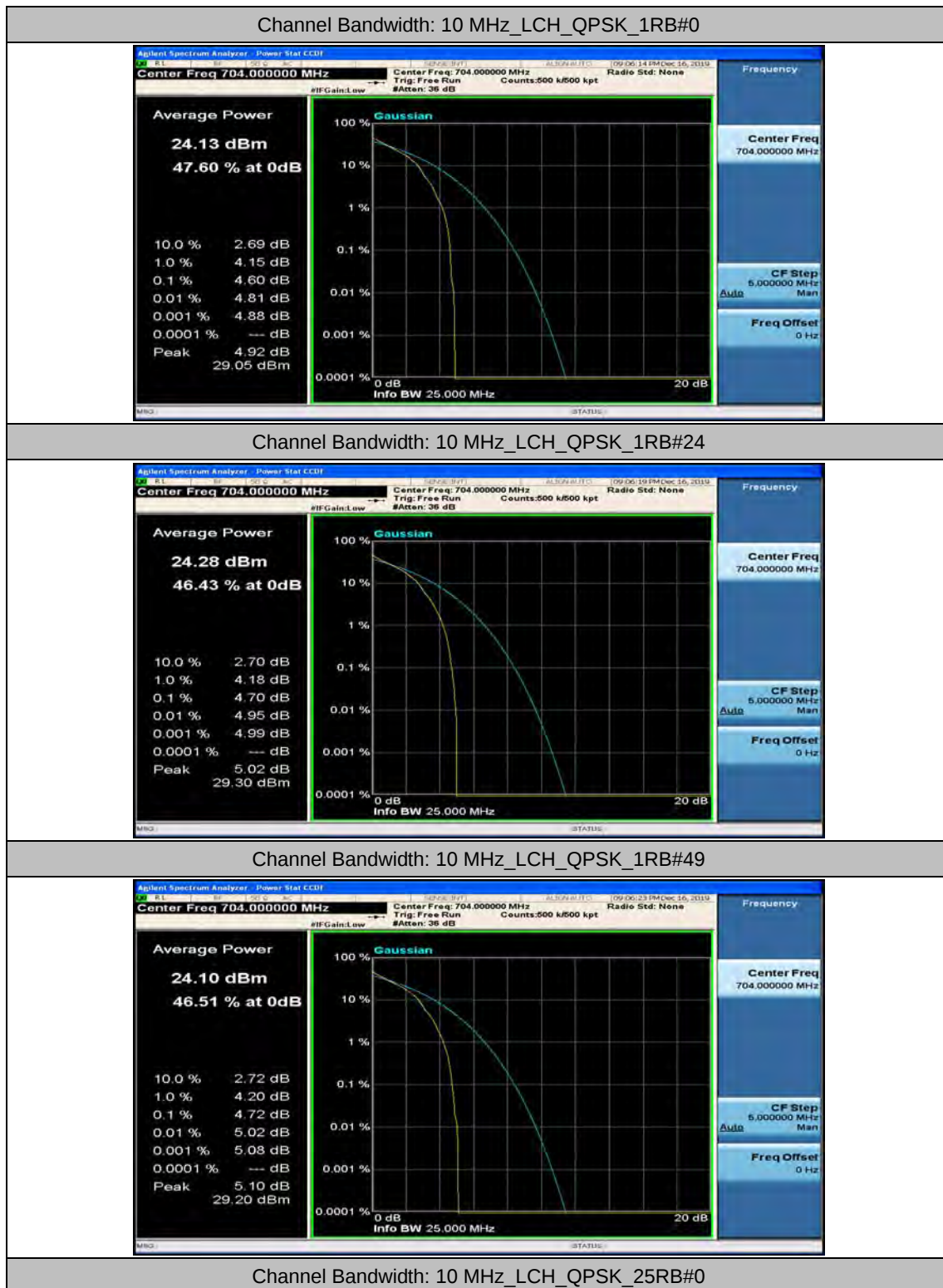
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

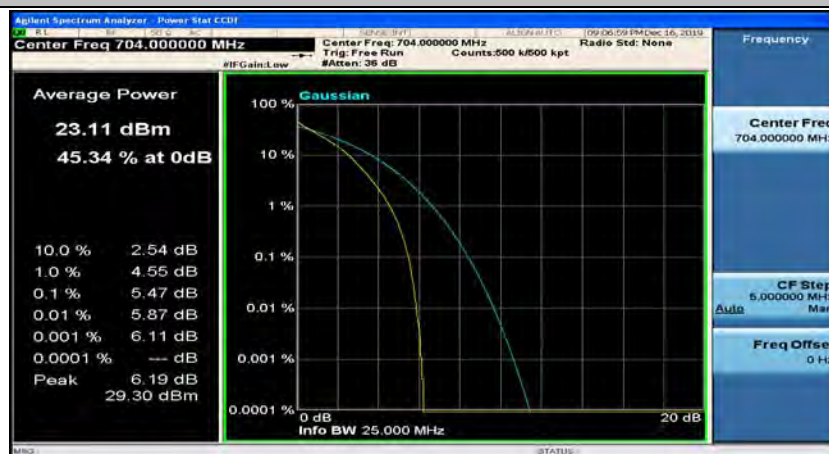
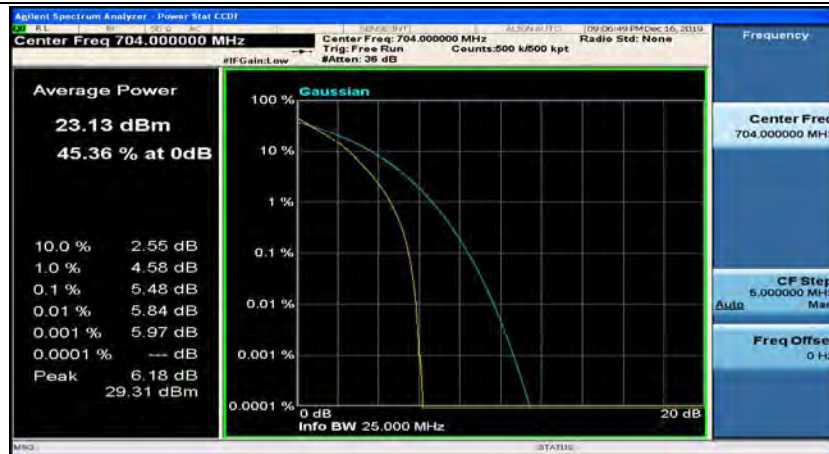


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



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_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



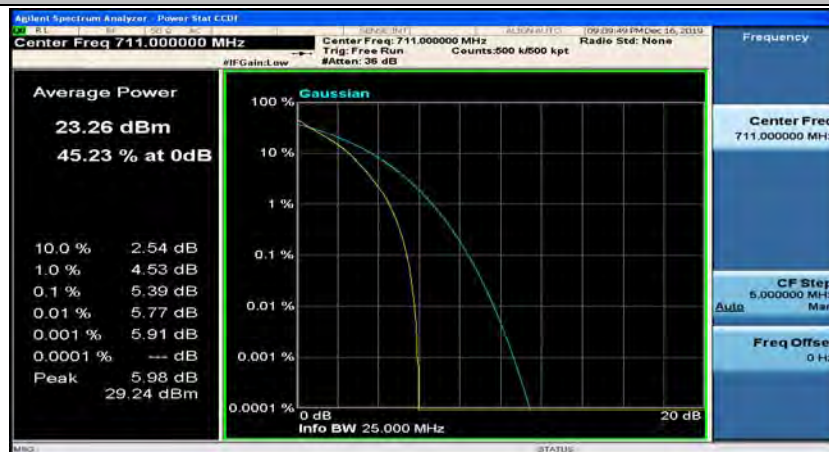
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

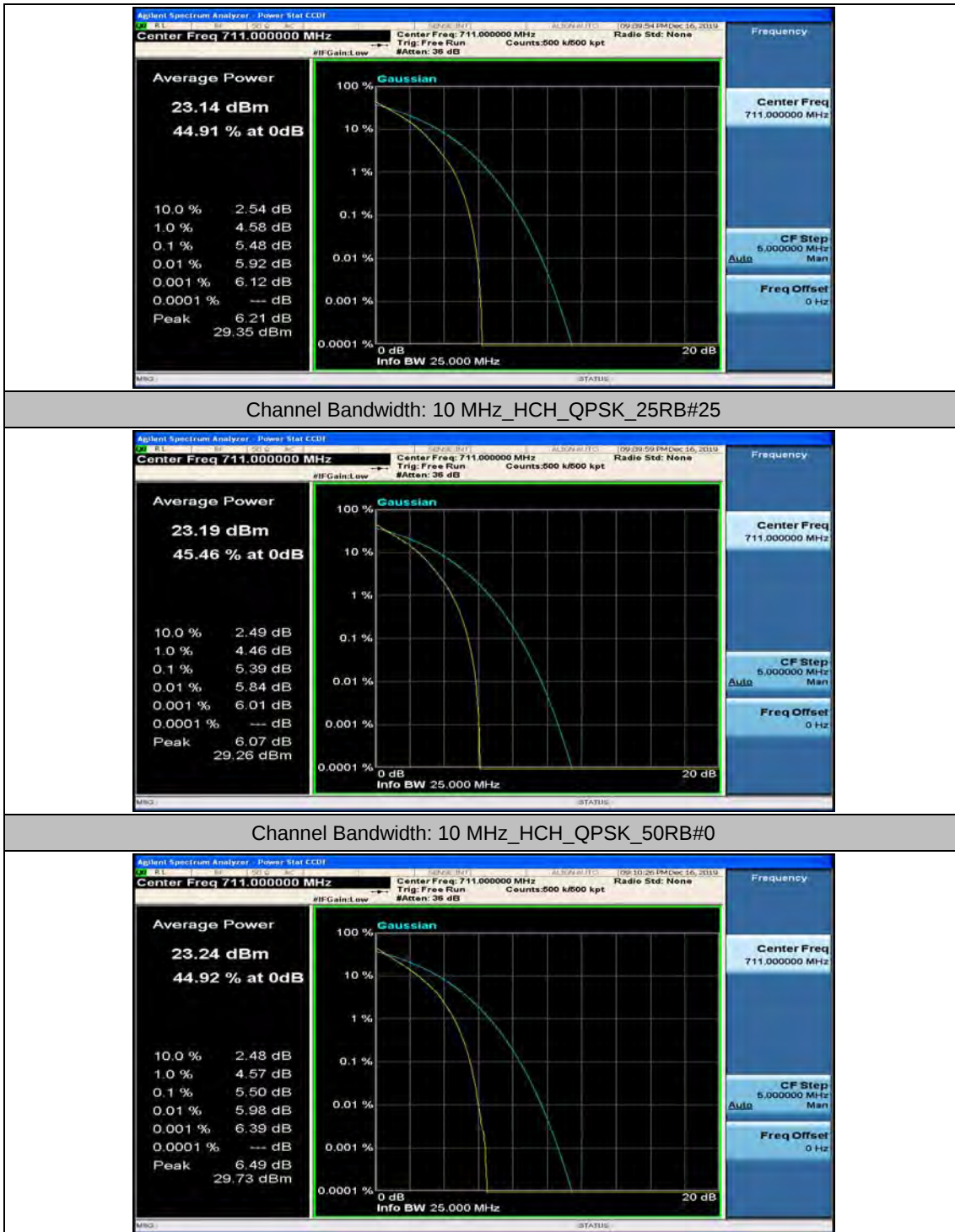


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

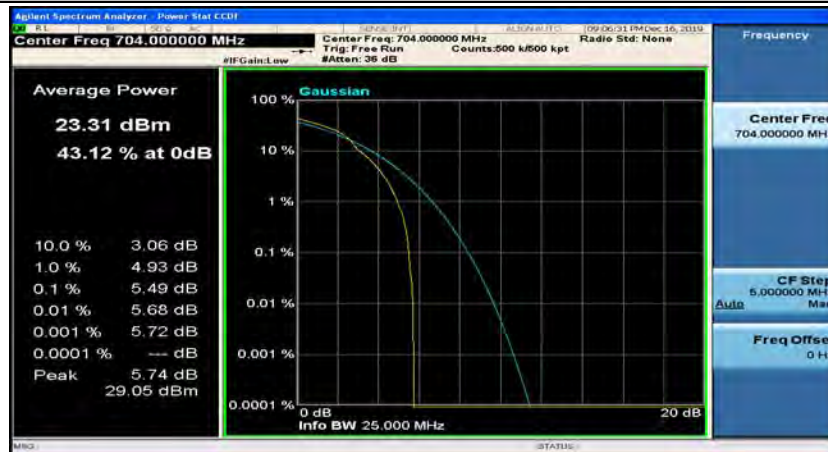


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

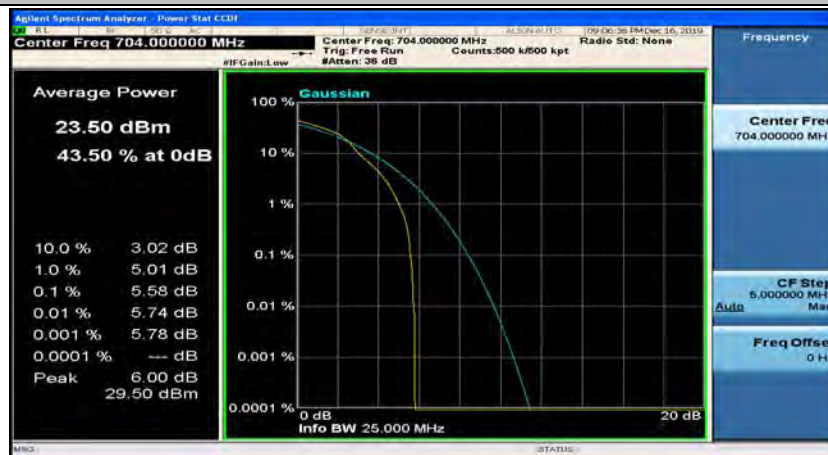




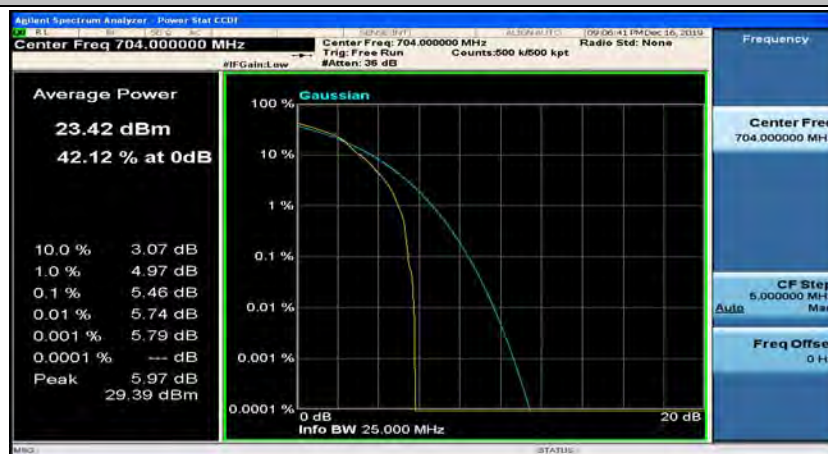
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



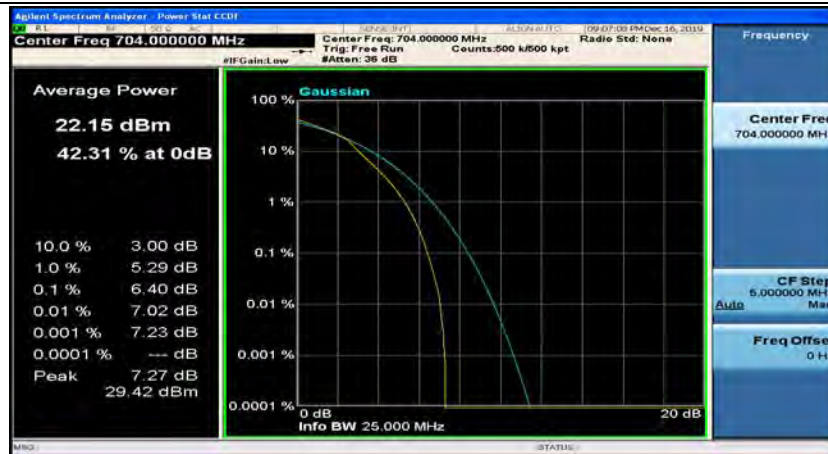
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



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



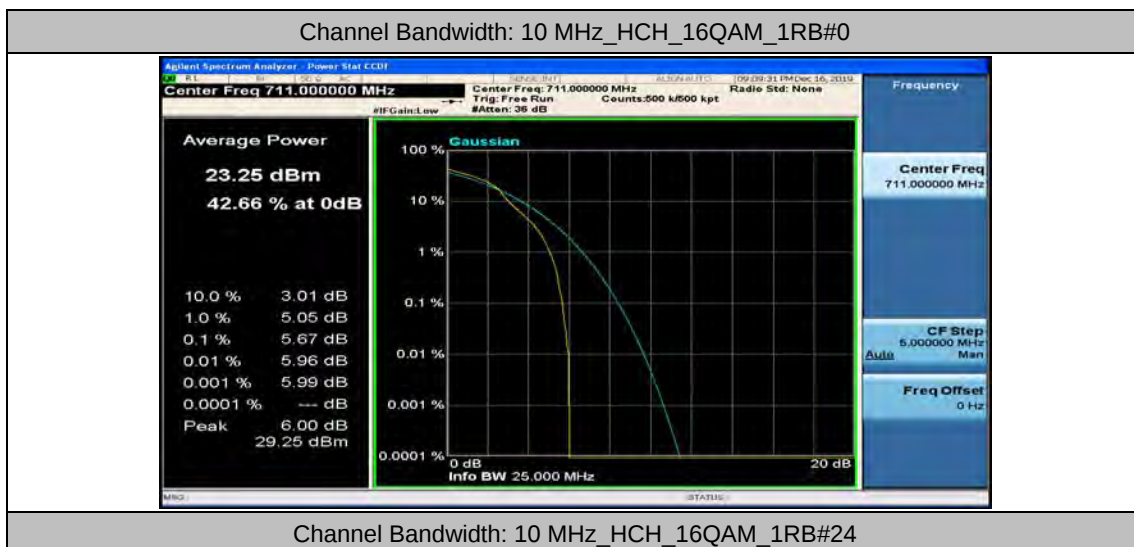
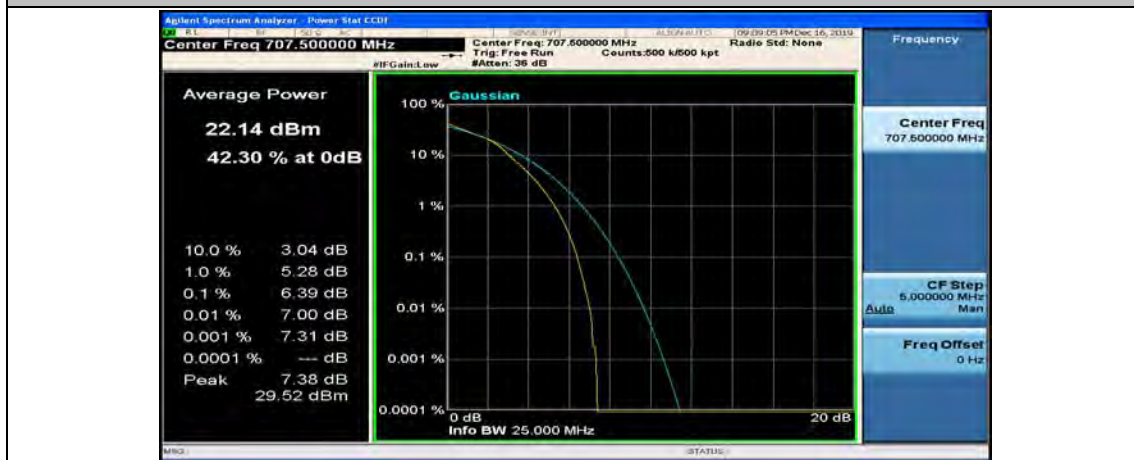
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

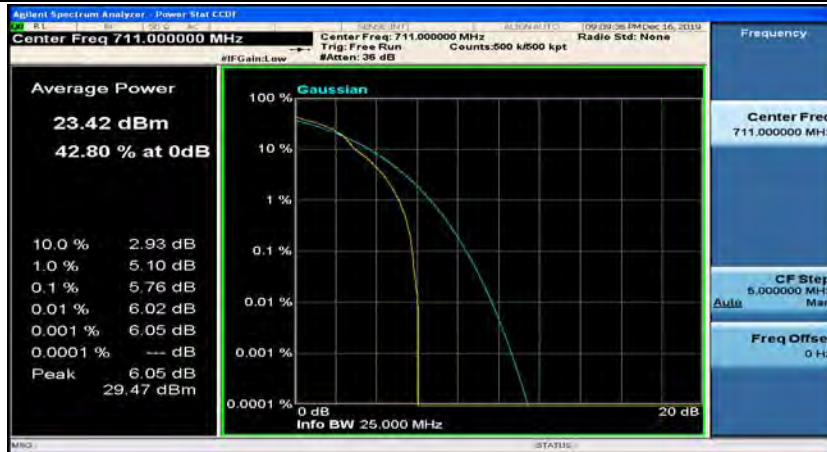


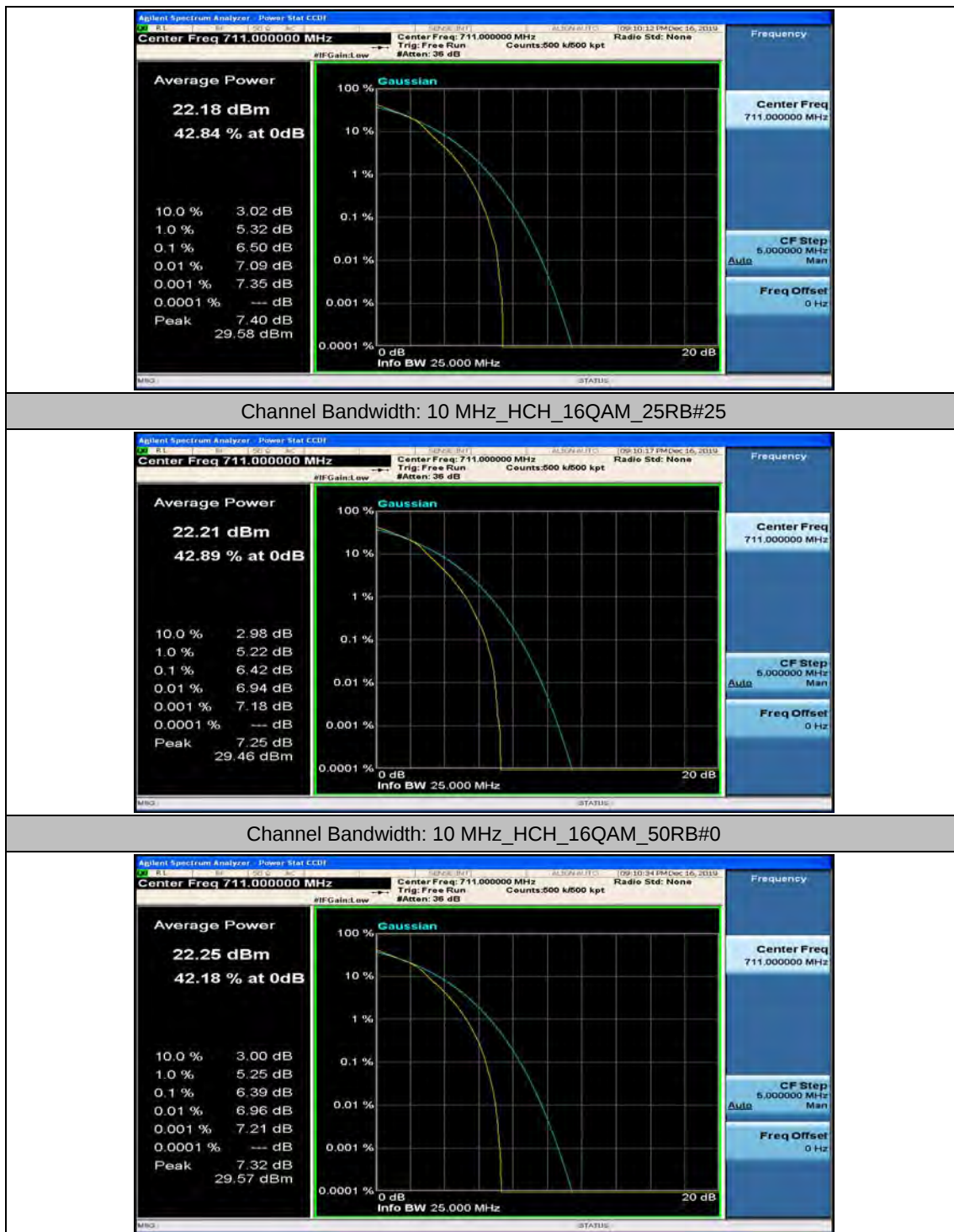
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25







Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0747	1.213	PASS
	MCH	6	0	1.0771	1.227	PASS
	HCH	6	0	1.0763	1.223	PASS
16QAM	LCH	6	0	1.0781	1.235	PASS
	MCH	6	0	1.0768	1.238	PASS
	HCH	6	0	1.0813	1.237	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6803	2.830	PASS
	MCH	15	0	2.6773	2.831	PASS
	HCH	15	0	2.6769	2.814	PASS
16QAM	LCH	15	0	2.6774	2.826	PASS
	MCH	15	0	2.6798	2.832	PASS
	HCH	15	0	2.6773	2.829	PASS

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	4.4834	4.881	PASS
	MCH	25	0	4.4757	4.890	PASS
	HCH	25	0	4.4728	4.859	PASS
16QAM	LCH	25	0	4.4829	4.890	PASS
	MCH	25	0	4.4793	4.779	PASS
	HCH	25	0	4.4733	4.864	PASS

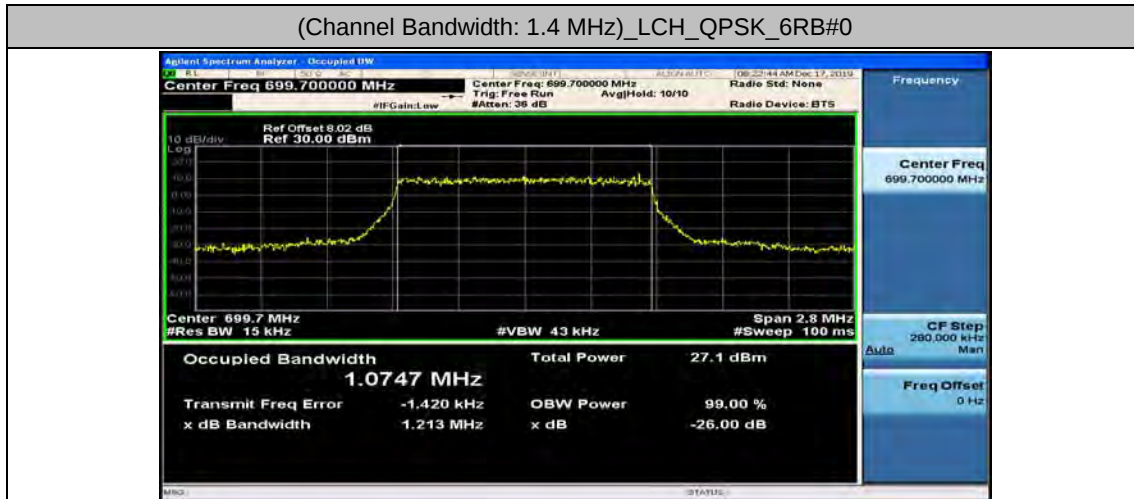
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9479	9.536	PASS
	MCH	50	0	8.9246	9.490	PASS
	HCH	50	0	8.9575	9.588	PASS
16QAM	LCH	50	0	8.9388	9.531	PASS
	MCH	50	0	8.9355	9.473	PASS
	HCH	50	0	8.9481	9.497	PASS

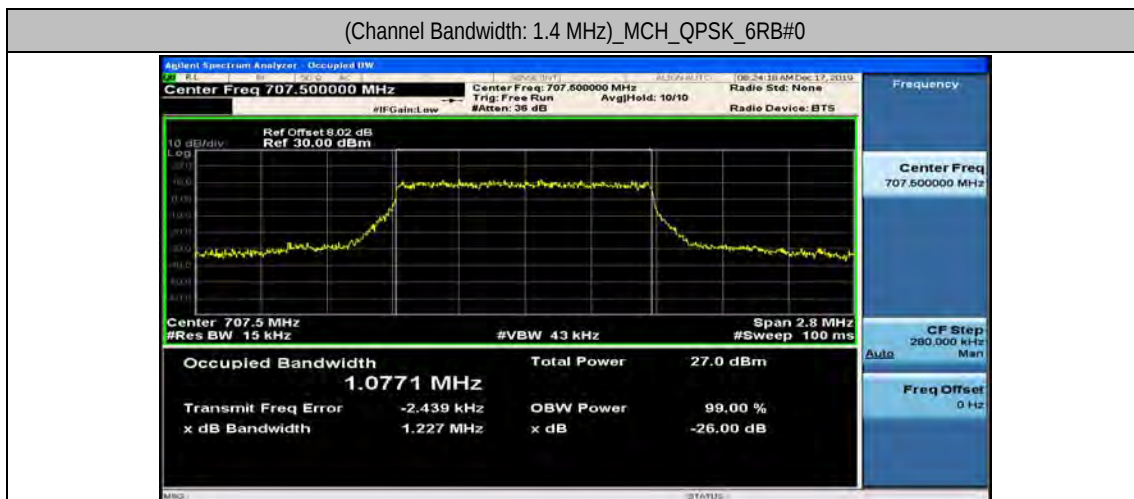
Test Graphs

Channel Bandwidth: 1.4 MHz

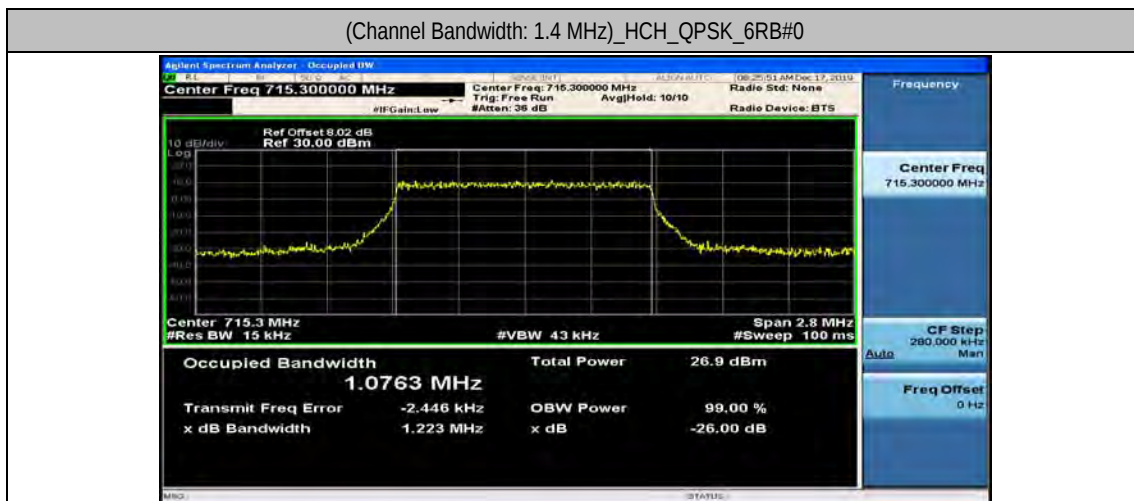
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



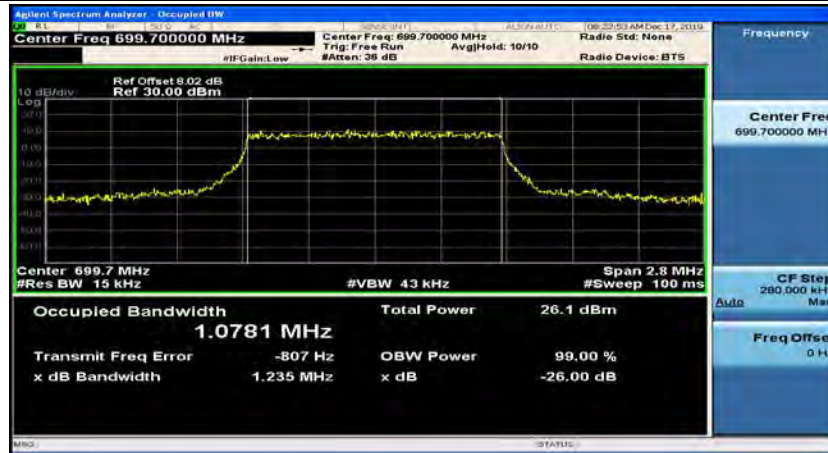
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



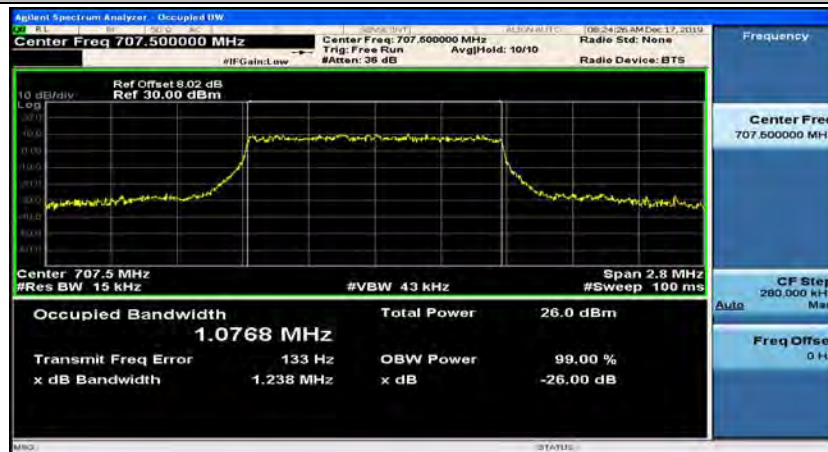
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



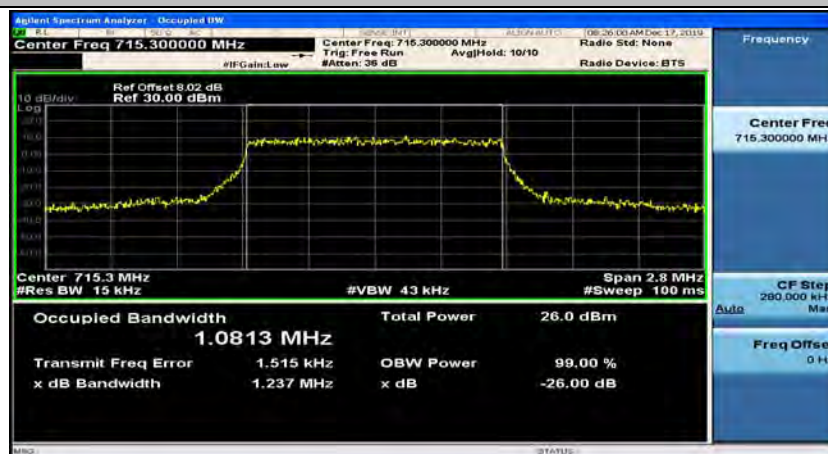
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

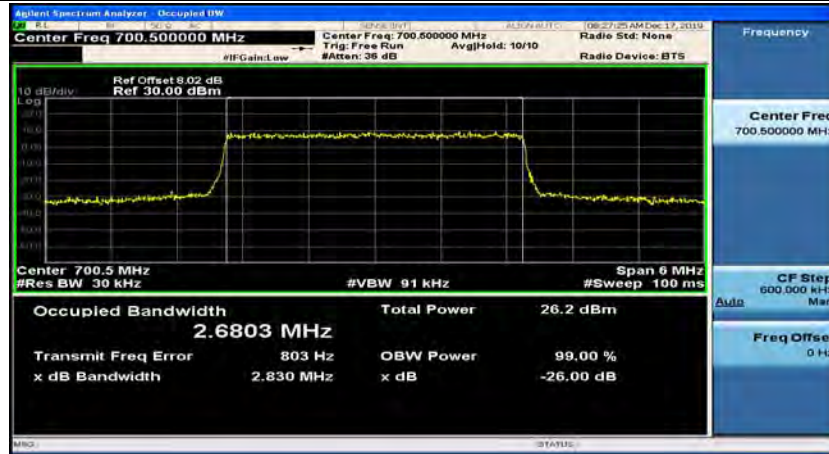


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

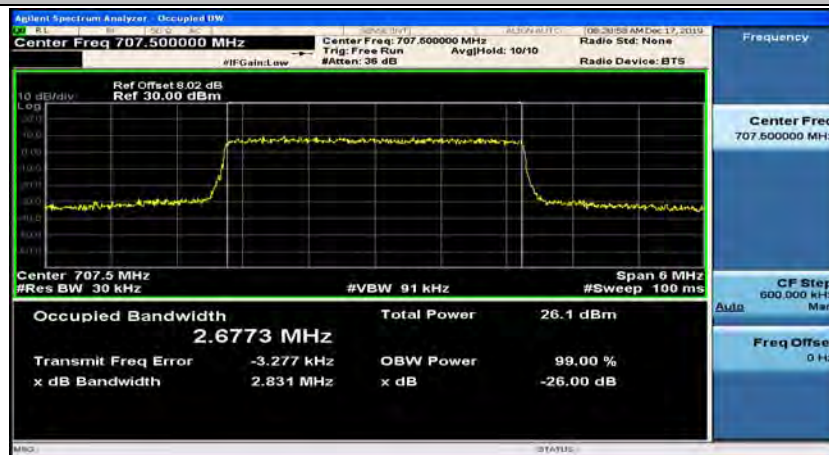


Channel Bandwidth: 3 MHz

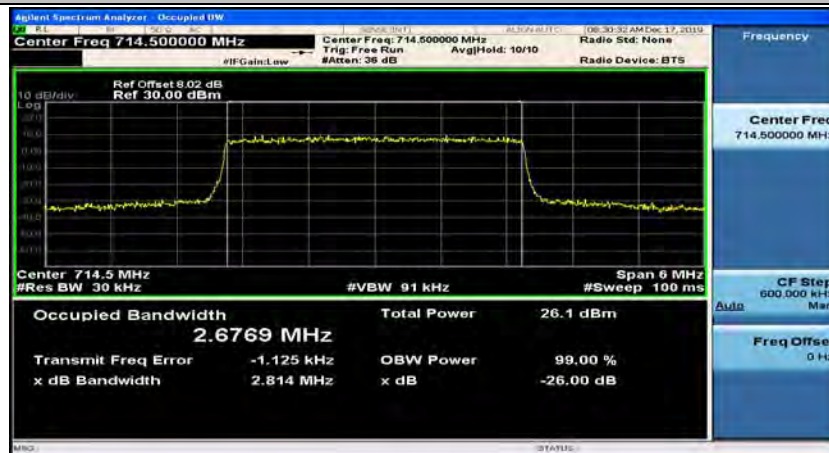
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



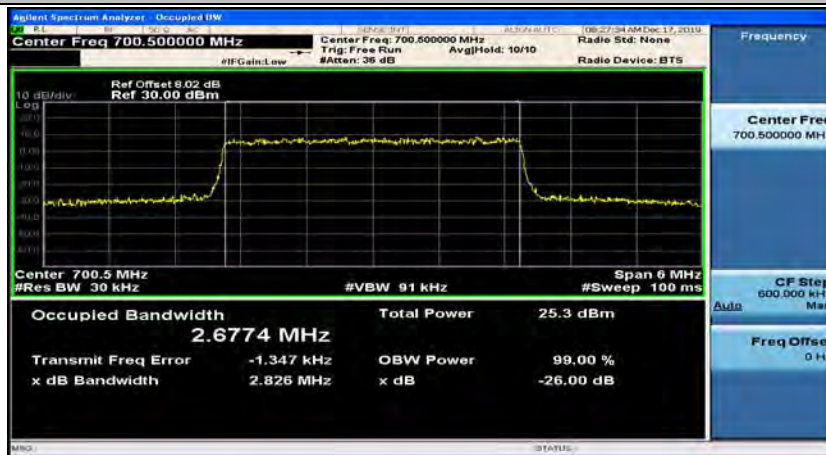
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



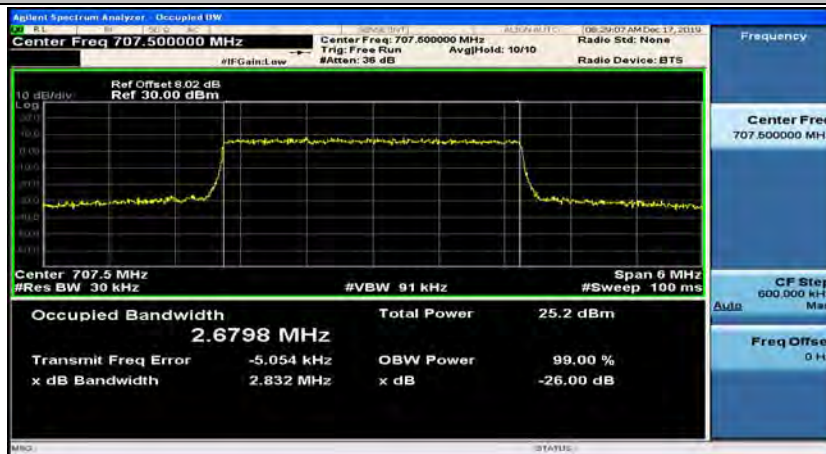
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



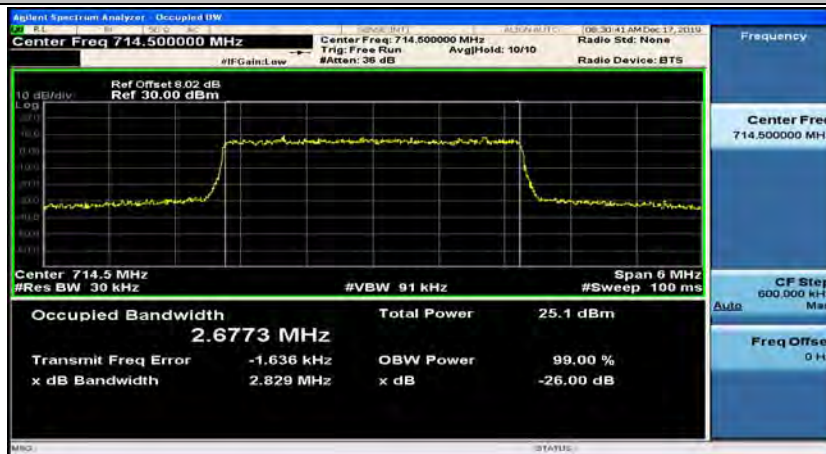
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

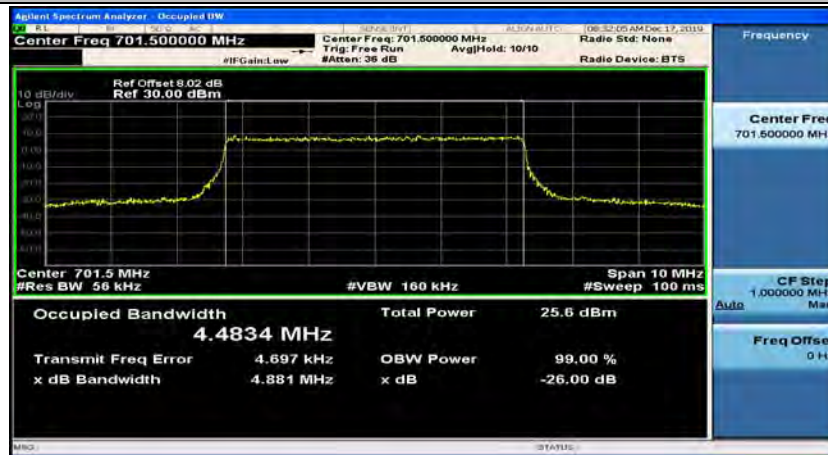


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

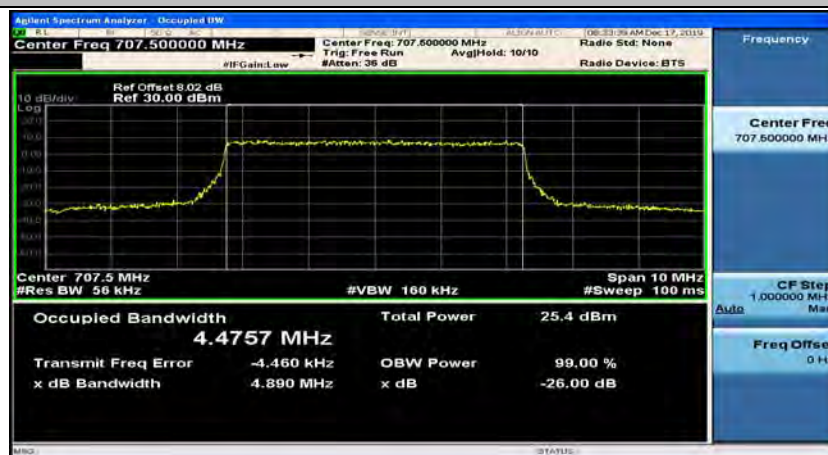


Channel Bandwidth: 5 MHz

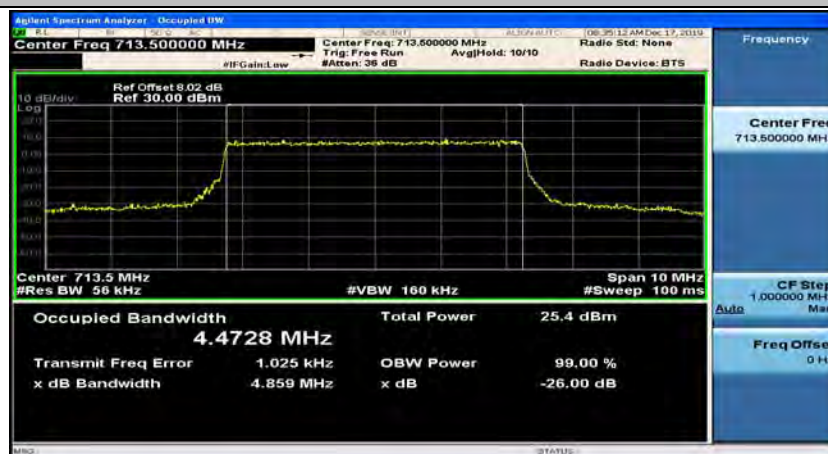
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



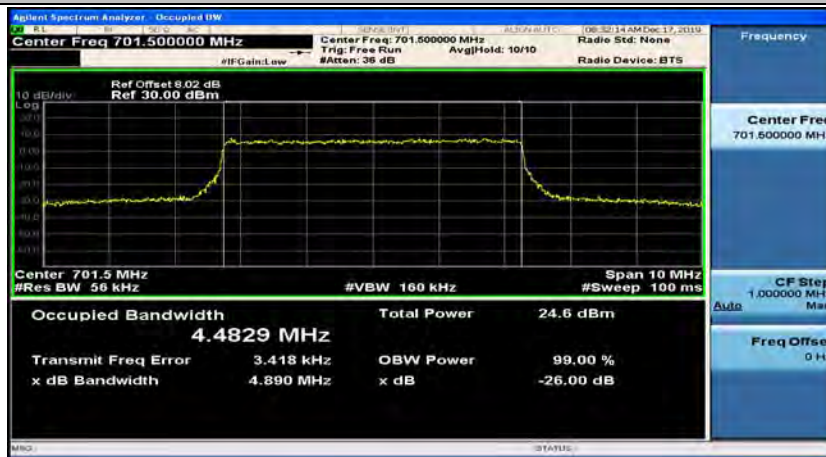
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



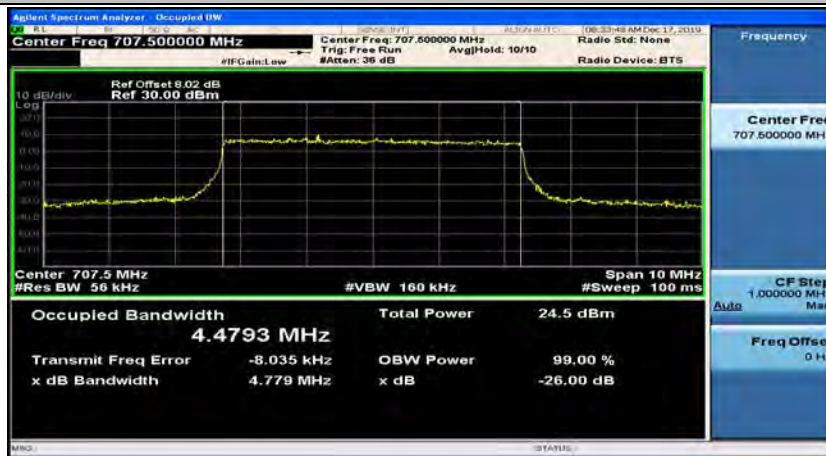
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



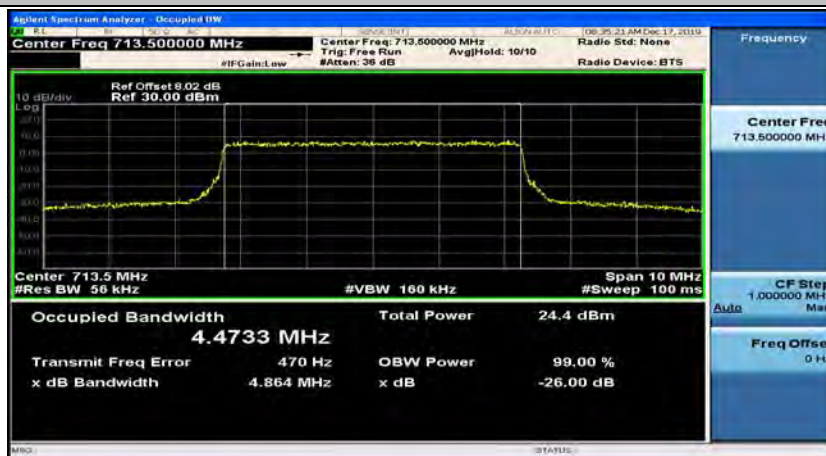
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

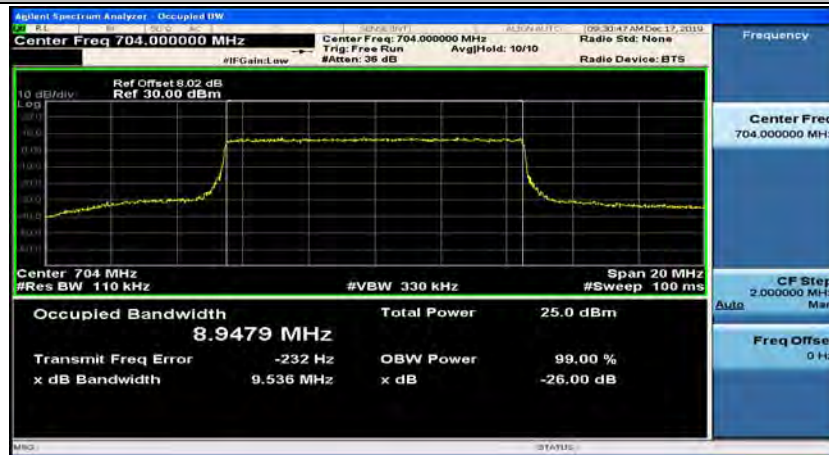


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

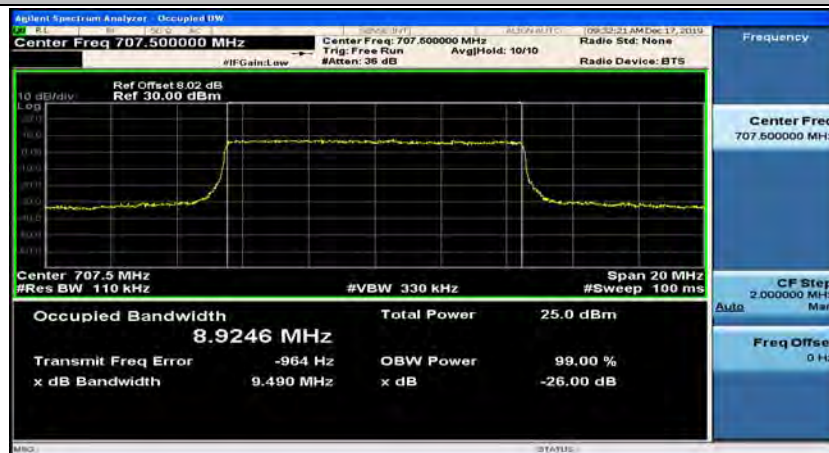


Channel Bandwidth: 10 MHz

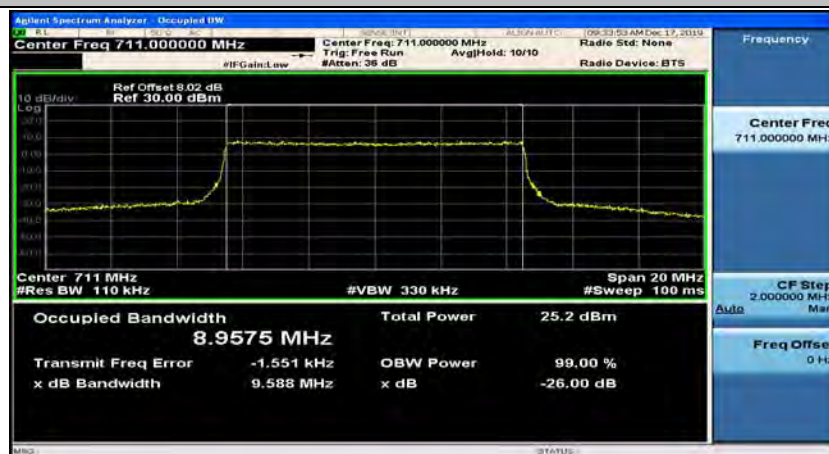
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



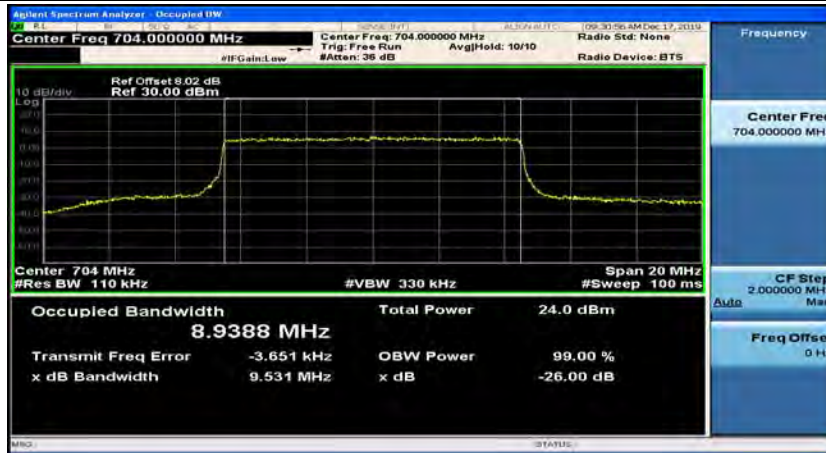
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



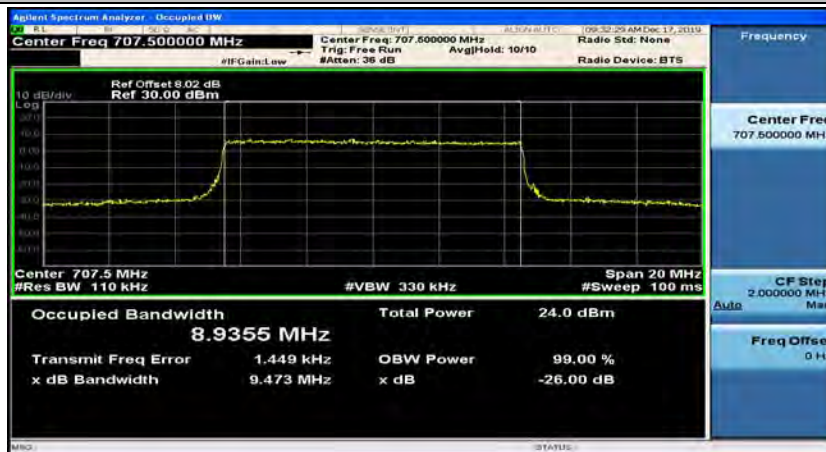
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



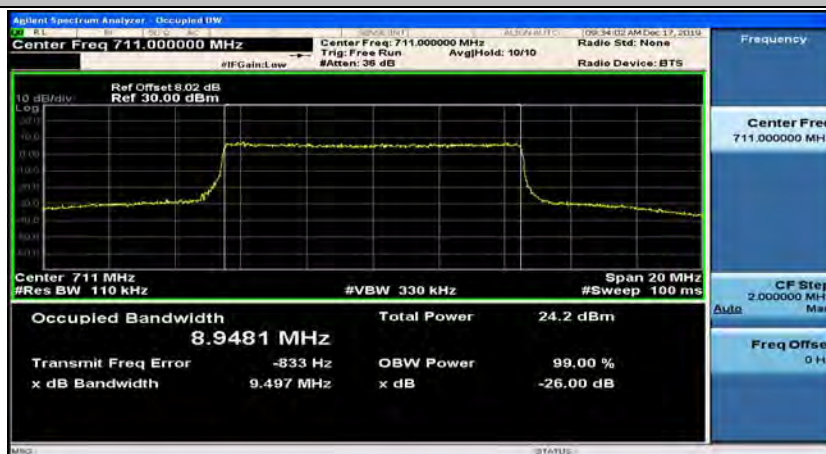
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

Test Graphs

Band12_1.4MHz_QPSK_23017_1RB#0



Band12_1.4MHz_QPSK_23017_6RB#0



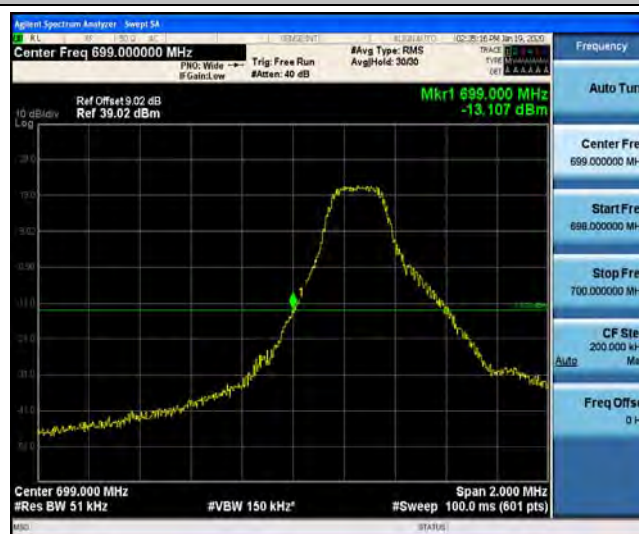
Band12_1.4MHz_QPSK_23173_1RB#0



Band12_1.4MHz_QPSK_23173_6RB#0



Band12_1.4MHz_16QAM_23017_1RB#0



Band12_1.4MHz_16QAM_23017_6RB#0



Band12_1.4MHz_16QAM_23173_1RB#0



Band12_1.4MHz_16QAM_23173_6RB#0



Band12_3MHz_QPSK_23025_1RB#0



Band12_3MHz_QPSK_23025_15RB#0



Band12_3MHz_QPSK_23165_1RB#0



Band12_3MHz_QPSK_23165_15RB#0